



42A05NW0107 2.14379 WHITESIDES

010

GROUND MAGNETOMETER  
AND  
VLF EM-16 SURVEY  
FOR THE  
MRS. ARLENE DEA CLAIMS  
WHITESIDES TOWNSHIP  
DISTRICT OF COCHRANE  
PORCUPINE MINING DIVISION  
PROVINCE OF ONTARIO

Timmins, Ontario  
September 1, 1991

63.1225  
C. D. MacKenzie  
Consulting Geologist

~~2.1148307~~  
2.14379



42A05NW0107 2.14379 WHITESIDES

010C

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### M A P S

(Back Pocket)

- Map 1      RESULTS OF THE GROUND MAGNETOMETER SURVEY  
            SCALE 1:2500
- Map 2      RESULTS OF THE VLF SURVEY  
            SCALE 1:2500      PROFILE SCALE 1 CM = 10%
- Map 3      LOCATION OF CLAIMS  
            SCALE 1:31680
- Map 4      GEOLOGY COMPILATION  
            WITH ADDED AIRBORNE E.M. ANOMALIES  
            AND DIGITIZED LOCATION OF VLF ANOMALIES  
            SCALE 1:31680

## INTRODUCTION

The following report describes the results of a ground magnetometer survey and VLF survey for Mrs. Arlene Dea, 218 Polaris Ave., Timmins, Ontario.

The field work was completed August 24, 1991 and the report and maps were completed on September 1, 1991.

## PROPERTY LOCATION AND ACCESS

The Arlene Dea property is located in Whitesides Township, Porcupine Mining Division, Ontario.

The property lies in the North East quarter of the North half of the Township with the North boundary lying just East of the North end of Weisman Lake. Recently staked claims extends the group across the Township line into Carscallen Township covering the favorable rhyolite formations in this area.

The property is easily accessible by car from the city of Timmins. The claim group can be reached by driving West along Highway 101 for a distance of 31 kilometers, then turning North for a distance of 11 kilometers to the South boundary of the property.

## PROPERTY DESCRIPTION

The property now consists of 22 contiguous claims extending the group into Carscallen Township, however, for the purpose of this report only nine of these claims were covered by the line cutting and geophysical surveys.

PROPERTY DESCRIPTION Cont'd

The claims are listed as follows:

1115751	1115752	1115753
1115754	1115755	1115757
1115758	1115764	1115765

LINE CUTTING

The grid was chained using the metric system. An East West baseline was cut and North-South lines were established at 100 meter intervals with line pickets every 25 meters. The baseline is 900 meters in length. 12.8 kilometers of lines were cut.

HISTORY OF THE CLAIM GROUP

In 1912 W. R. Rogers and E. L. Bruce examined outcrops in Whitesides Township. The whole Township was mapped by the O.D.M. in 1968 and a considerable number of outcrops of rhyolite were shown to be located on the present group of claims under discussion.

In 1964 the year of the Texas Gulf discovery of the Kidd Creek Mine in Kidd Township, Bateman Bay Mines Ltd. held the present Dea claims in Whitesides Township and carried out mapping and geophysical surveys.

EM anomalies obtained by a SE-200 survey were checked by Ronka H.E.M. and were recommended for drilling. For some reason there is no record of any follow-up on the recommendations.

In 1965, New Kelore Mines Ltd. drilled six holes near the nose of the anticlinal structure near the South boundary of claim 1115747

### HISTORY OF THE CLAIM GROUP Cont'd

on the West side of a small lake. Rhyolite was intersected in Hole #2 containing 10-25% sulfides chiefly pyrite and pyrrhotite with minor chalcopyrite and one mention of the presence of zinc. Hole #2 stopped in rhyolite at 323'.

Holes were drilled in several directions and the operators appeared to be unaware of a sharp fold in the formations. A strong 12 channel E.M. response in 1988 is shown in the vicinity of the drill holes. Previous to 1965, in 1961 Paymaster Mines Limited worked on part of the Dea claims but although rhyolite was noted in outcrop, no significant conductors were obtained and no drilling was carried out.

As far as is known, the claims lay dormant from 1965 to 1986 when the claims were staked in 1986 by Ivan Dea. Prospecting and stripping was carried out. The claims were then allowed to lapse and were restaked after the airborne results were known in 1989.

The claim group is now held by Arlene Dea of 218 Polaris Ave., Timmins, Ontario and the present surveys in 1991 were carried out under an OPAP Government Grant.

### GROUND MAGNETOMETER SURVEY

The ground magnetometer survey was completed during August, 1991. A Proton magnetometer Geometrix Model G.816 was used.

Base stations were established along the baseline. Diurnal variation was corrected tying into the base stations every time the operator crossed the baseline. Readings were taken at 25 meter intervals.

GROUND MAGNETOMETER SURVEY Cont'd

A total of 452 readings were taken. The operator was Douglas Lalonde of 53 Way St., Timmins, Ontario. The magnetometer map was contoured by computer. The map was drawn on a scale of 1:2500.

VLF EM 16 ELECTROMAGNETIC SURVEY

The electromagnetic survey was carried out utilizing a Geonics EM 16 VLF EM receiver. The unit measures the vertical In-phase component (tangent of the tilt angle of the polarization ellipsoid) and the vertical Out-of-phase component (the short axis of the polarization ellipsoid compared to the long axis of the secondary field generated in the vicinity of the conductors.)

The Transmitter station used was the East station NAA and all readings were taken with the operator facing North.

A total of 412 readings were taken. The operator was C.D. MacKenzie of 446 Poplar Ave., Timmins, Ontario P4N 4S7.

PROPERTY GEOLOGY

The property geology is shown on the Preliminary Geology Map No. P-488 of Whitesides Township on a scale of 1 inch=1/4 mile.

The property is underlain by Precambrian volcanics folded in a northwesterly trending anticline. The North limb is shown trending near East-West and hosts a wide band of rhyolite and rhyolite agglomerates. The South limb shows several parallel rhyolite formations flanked by mafic volcanics with a northwesterly strike... matching the strike of the major strong conductor, Anomaly A.

PROPERTY GEOLOGY Cont'd

This conductor traverses a level muskeg swamp for a distance of in excess of 1,000 meters. To date no outcrop has been found near the conductor.

North of the 4 mile post are large hills of white anorthosite with minor more basic gabbro phases, and further North sills? of ultrabasic rocks are found within the gabbro complex.

Representing the late Precambrian, North-South striking diabases intrude all other formations in this area.

From the magnetics two narrow iron formations appear to be present on the South limb of the anticline.

An unmapped outcrop of rhyolite agglomerate lies near the South boundary of the claim group about 150 meters from E.M. Anomaly G. This anomaly also traverses a level alder muskeg swamp.

The recent staking covers a 12 channel airborne anomaly that appears to be located in or on the contact of a rhyolite agglomerate located South of the 4 mile post on the Carscallen boundary.

RESULTS OF THE GROUND MAGNETOMETER SURVEY

The results of the magnetometer survey are shown on a map in the back pocket of this report on a scale of 1:2500.

Most of the high magnetic anomalies represent North-South striking diabases of which five have been mapped by O.D.M. geologists. See Map P-488 1" = 1/4 mile.

## RESULTS OF THE VLF SURVEY Cont'd

ANOMALY B appears to be the other limb of ANOMALY A at the nose of a fold and is about 400 meters in length not counting the possible nose of the fold. No associated mag anomaly with B.

ANOMALY C is 300 meters long and is a weak VLF response following the edge of a weak magnetic high.

ANOMALY D is a very weak response following the edge of the strong ANOMALY A. However on line 0 + 00 E it is a little stronger with a good Out-of-phase component.

ANOMALY E is a very weak VLF anomaly picking up possibly the edge of ANOMALY A.

ANOMALY F and G have an associated mag high and appear to be mirror images of one another along a drag fold on the limb of a major fold. A rhyolite agglomerate outcrop lies 150 meters South of ANOMALY G.

ANOMALY H is a weak VLF response following the edge of a magnetic high and may be the offset extension of the B ANOMALY.

ANOMALIES H and B may represent a mineralized rhyolite formation along the anticlinal structure mapped by the O.D.M. in the vicinity of these anomalies.

## CONCLUSIONS AND RECOMMENDATIONS

This area should be mapped in detail and carefully prospected by a major mining company that has the time, money and personnel to carry out same.



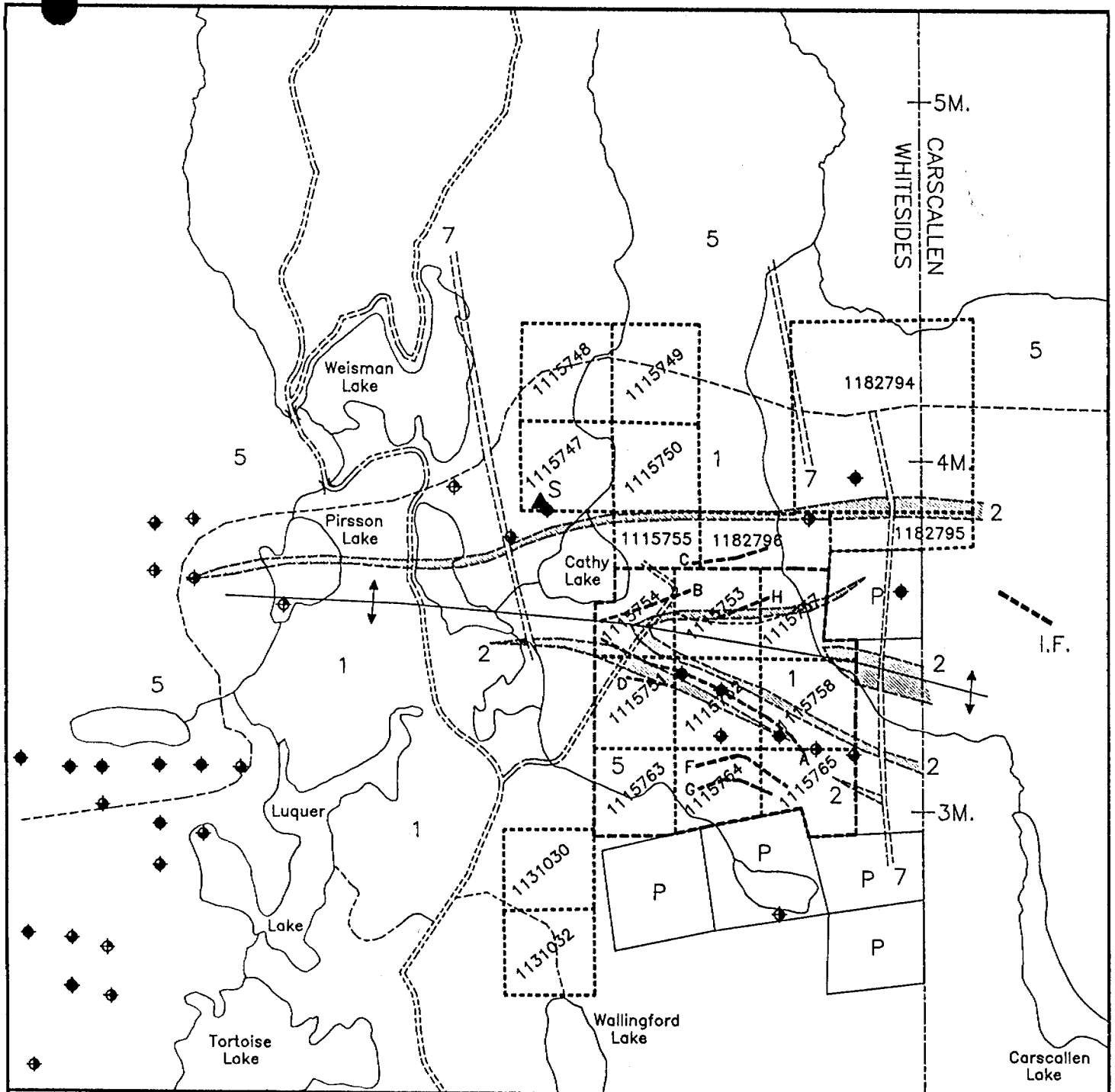
CONCLUSIONS AND RECOMMENDATIONS Cont'd

A MaxMin survey should be carried out to better define the conductive zones and the best responses drilled.

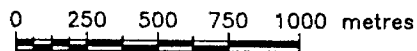
Trenching and stripping should be carried out on the Gossan zones located by Ivan Dea on claims southwest of patented claim 883 before any drilling is considered.

Respectfully Submitted

  
C. D. MacKenzie  
Consulting Geologist



- 7 Diabase
- 5 Mafic Intrusive Rocks
- 2 Felsic Volcanic Rocks
- 1 Mafic Volcanic Rocks
- VLF Conductor



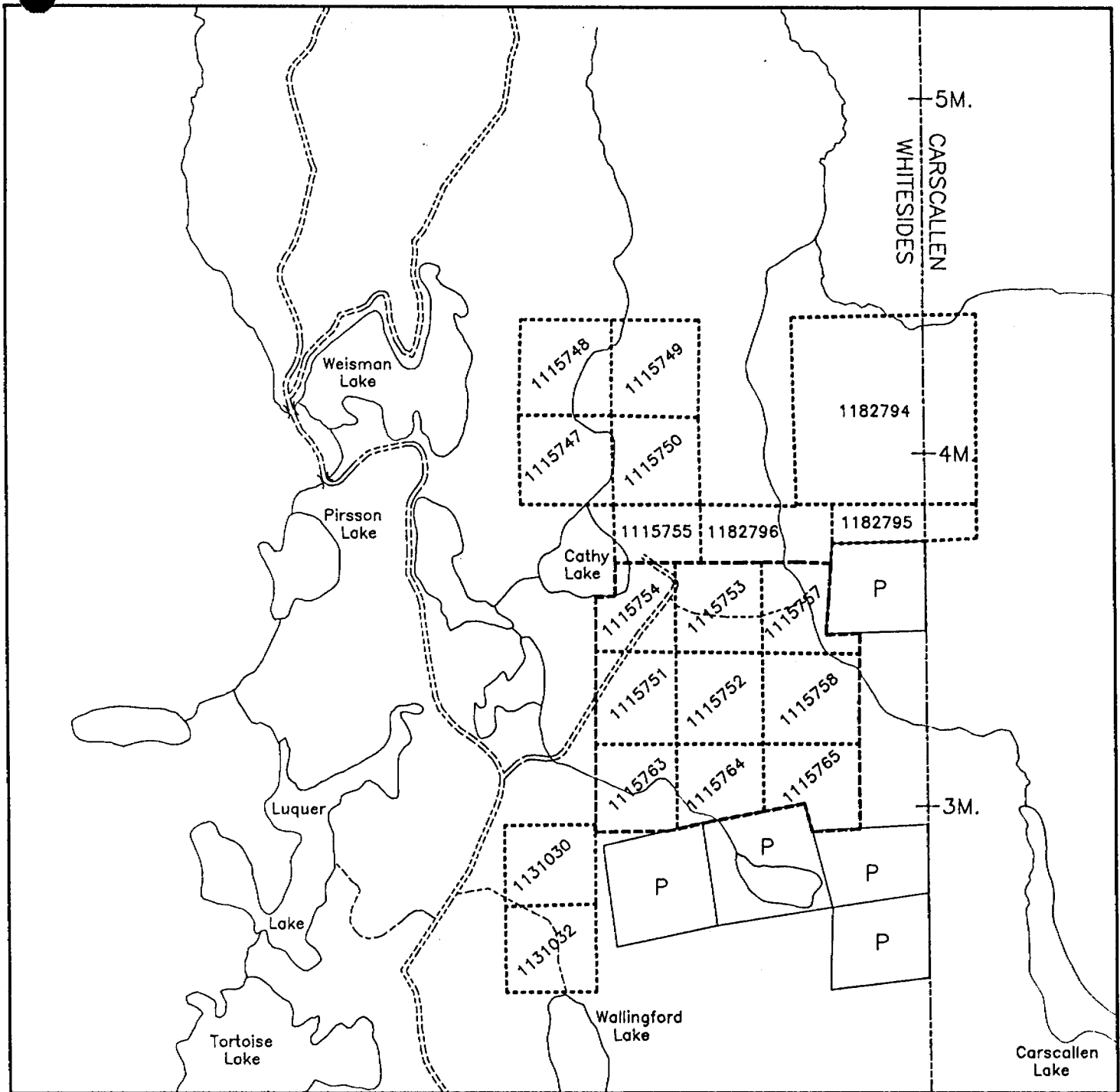
**MRS. ARLENE DAE PROPERTY**

**Whitesides and Carscallen Twps.**

**Geological Compilation  
& Claim Location Map**

Drawn: P.C.W	Revised:
Date: Aug., 1991	NTS: 42 A/5
Province: Ontario	Drawing: dae-comp
Scale:	





**MRS. ARLENE DAE PROPERTY**

**Whitesides and Carscallen Twps.**

**Claim Location Map**

0 250 500 750 1000 metres



Drawn: P.C.W	
Date: Aug., 1991	Revised:
Province: Ontario	NTS: 42 A/S
Scale:	Drawing: dae-clms





42A05NW0107 2.14379 WHITESIDES

900

Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

Mining Lands Branch  
Geoscience Approvals Section  
159 Cedar Street, 4th Floor  
Sudbury, Ontario  
P3E 6A5

RECEIVED

Toll Free: 1-800-465-3880  
Telephone: (705) 670-7264  
Fax: (705) 670-7262

FEB 10 1992

December 9, 1991

Our File: 2.14379  
Transaction #: W. 9160.00235

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

MINING LANDS BRANCH

Dear Sir/Madam:

Subject: APPROVAL ASSESSMENT WORK, SUBSECTION 6(5) MINING ACT  
REGULATIONS

A Notice of Deficiency was not given by the Minister within 90 days of the work report being filed because the work report did not reach the Geoscience Approvals Section until past the deemed approval date. The assessment work credits for the Geophysical Survey (Magnetometer and Electromagnetometer) as submitted under Section 14 of the Mining Act Regulations have been approved as of December 2, 1991.

If you have questions regarding this correspondence, contact the Mining Lands Branch.

Yours sincerely,

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

LJ/jl  
Enclosures:

cc: ✓ Assessment Files Office  
Toronto, Ontario

Resident Geologist  
Timmins, Ontario



Ministry of Northern Development and Mines

# Report of Work Conducted After Recording Claim

Transaction Number  
**W9160.00235**

Ontario Mining Act

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 150 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 870-7264.

**2. 14379**

- Instructions:
- Please type or print and submit in duplicate.
  - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
  - A separate copy of this form must be completed for each Work Group.
  - Technical reports and maps must accompany this form in duplicate.
  - A sketch, showing the claims the work is assigned to, must accompany this form.

**2. 14379**

Recorded Holder(s) <b>Arlene Dea</b>	Client No. <b>124643</b>
Address <b>218 Polaris Rd Timmins Ont</b>	Telephone No. <b>264-5643</b>
Mining Division <b>Percepsine</b>	Township/Area <b>white side</b>
M or G Plan No.	
Dates Work Performed From: <b>July 10/91</b> To: <b>Sept 1, 1991</b>	

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	<b>MAG, BM</b>
<input type="checkbox"/> Physical Work, Including Drilling	
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

**RECORDED**  
**SEP - 3 1991**

Total Assessment Work Claimed on the Attached Statement of Costs \$ **5624**

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

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

Name	Address
<b>E.D. MacKenzie</b>	<b>446 Poplar Ave, Timmins Ont</b>
<b>Douglas Lakonke</b>	<b>53 Wey St. Timmins, Ont.</b>

(attach a schedule if necessary)

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

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

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying <b>E.D. MacKenzie 446 Poplar Ave Timmins Ont</b>		
Telephone No. <b>E.D. MacKenzie</b>	Date <b>Sept 3, 1991</b>	Certified By (Signature) <b>E.D. MacKenzie</b>

For Office Use Only

Total Value Cr. Recorded <b>5624</b>	Date Recorded <b>SEPT. 3/91</b>	Mining Recorder <b>S. White</b>	RECEIVED SEP 3 1991 M.L.
	Deemed Approval Date <b>DEC. 2/91</b>	Date Approved	
	Date Notice for Amendments Sent		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
2 I A.B.T.9	1115751	1
	1115752	1
	1115753	1
	1115754	1
	1115757	1
	1115758	1
	1115763	1
	1115764	1
	1115765	1
	1115755	1
10		

Total Number of Claims

Value of Assessment Work Done on this Claim	Value Applied to this Claim
625.00	400
625	400
625	400
625	400
625	400
625	400
625	400
625	400
625	400
625	400
624	400
	400
5624.00	

Total Value Work Done

Total Value Work Applied

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
0	225
0	225
0	225
0	225
0	225
0	225
0	225
0	225
0	225
200	25
200	24 <sup>1/2</sup> AM
400	

Total Assigned From

Total Reserve

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

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

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

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

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

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

Signature \_\_\_\_\_ Date \_\_\_\_\_



Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des mines

**Statement of Costs  
for Assessment Credit**

**État des coûts aux fins  
du crédit d'évaluation**

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W9160. 02235

2. 14379

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

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

**1. Direct Costs/Coûts directs**

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type		
	Line cutting	3,200.00	
	Report	1,500.00	
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
		5624	
<b>Total Direct Costs Total des coûts directs</b>			<b>5624</b>

**2. Indirect Costs/Coûts indirects**

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

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

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

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

**Filing Discounts**

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	× 0.50 =

**Remises pour dépôt**

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

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

**Certification Verifying Statement of Costs**

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

that as Ed Moe Tuzice I am authorized  
(Recorded Holder, Agent, Position in Company)

to make this certification

**Attestation de l'état des coûts**

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

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

à faire cette attestation.

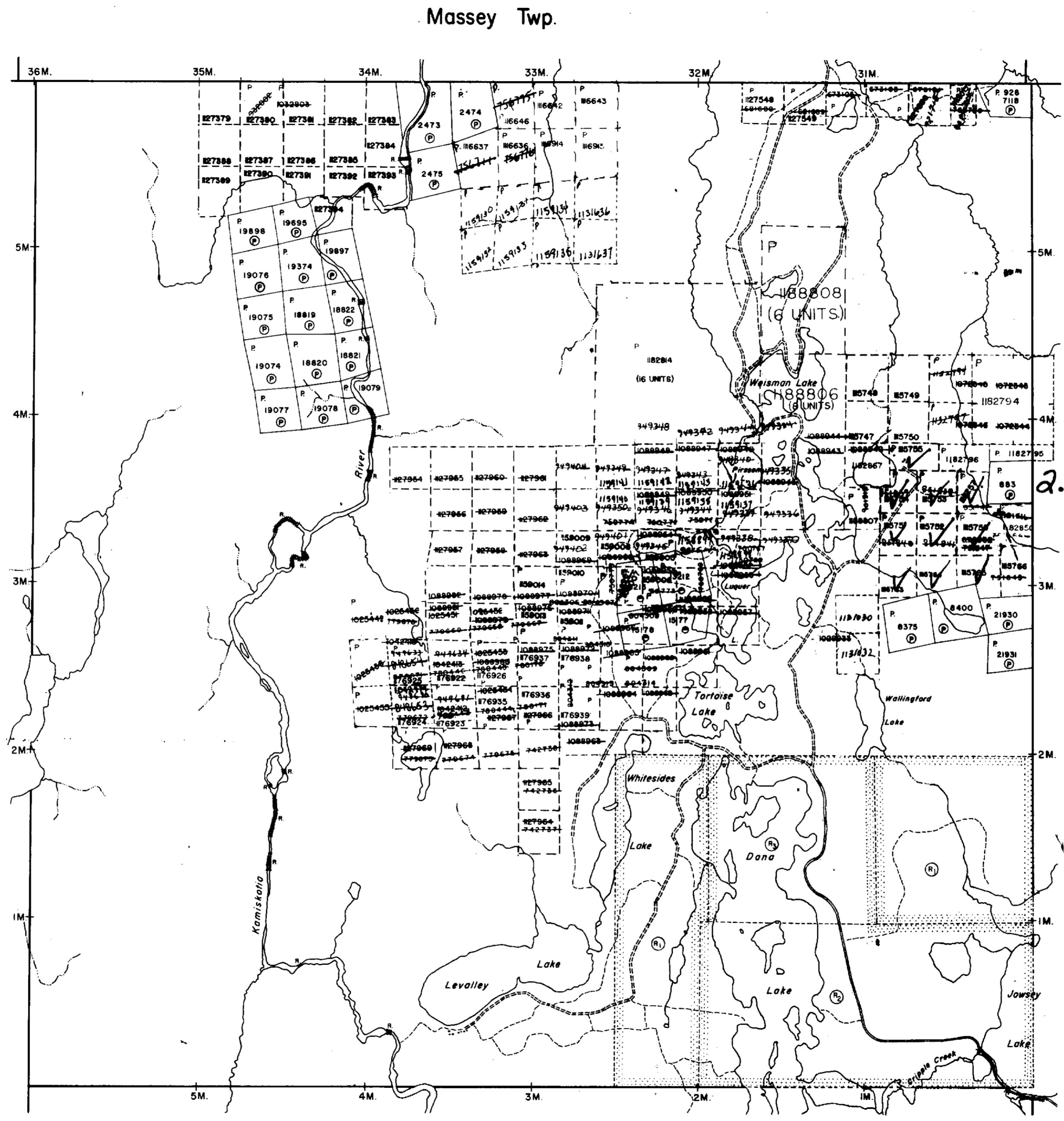
Signature	Date
<u>Ed Moe Tuzice</u>	Sept 3/91

# 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
① DANA AND JOWSEY LAKES PARK RES. SEC. 36/80 W 66/83			S.R.O. M.R.O.	171506
② SEC. 43/70		1 FB 3/66	M.+S.	171506
③ SEC. 43/70		28/1/71	M.+S.	171506



# LEGEND

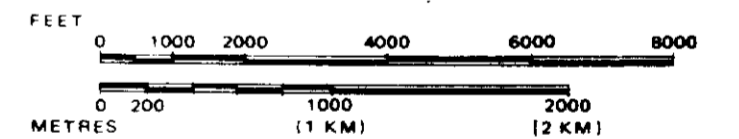
- HIGHWAY AND ROUTE No
- OTHER ROADS
- TRAILS
- SURVEYED LINES:  
TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:  
LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION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

## DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	⊙ or ●
" 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.

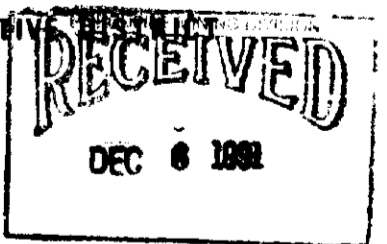
SCALE: 1 INCH = 40 CHAINS



TOWNSHIP

# WHITESIDES

M.N.R. ADMINISTRATIVE DISTRICT  
TIMMINS  
MINING DIVISION  
PORCUPINE  
LAND TITLES / REGISTRY DIVISION  
COCHRANE



Ministry of Natural Resources  
Land Management Branch

Date FEBRUARY 1985

Number

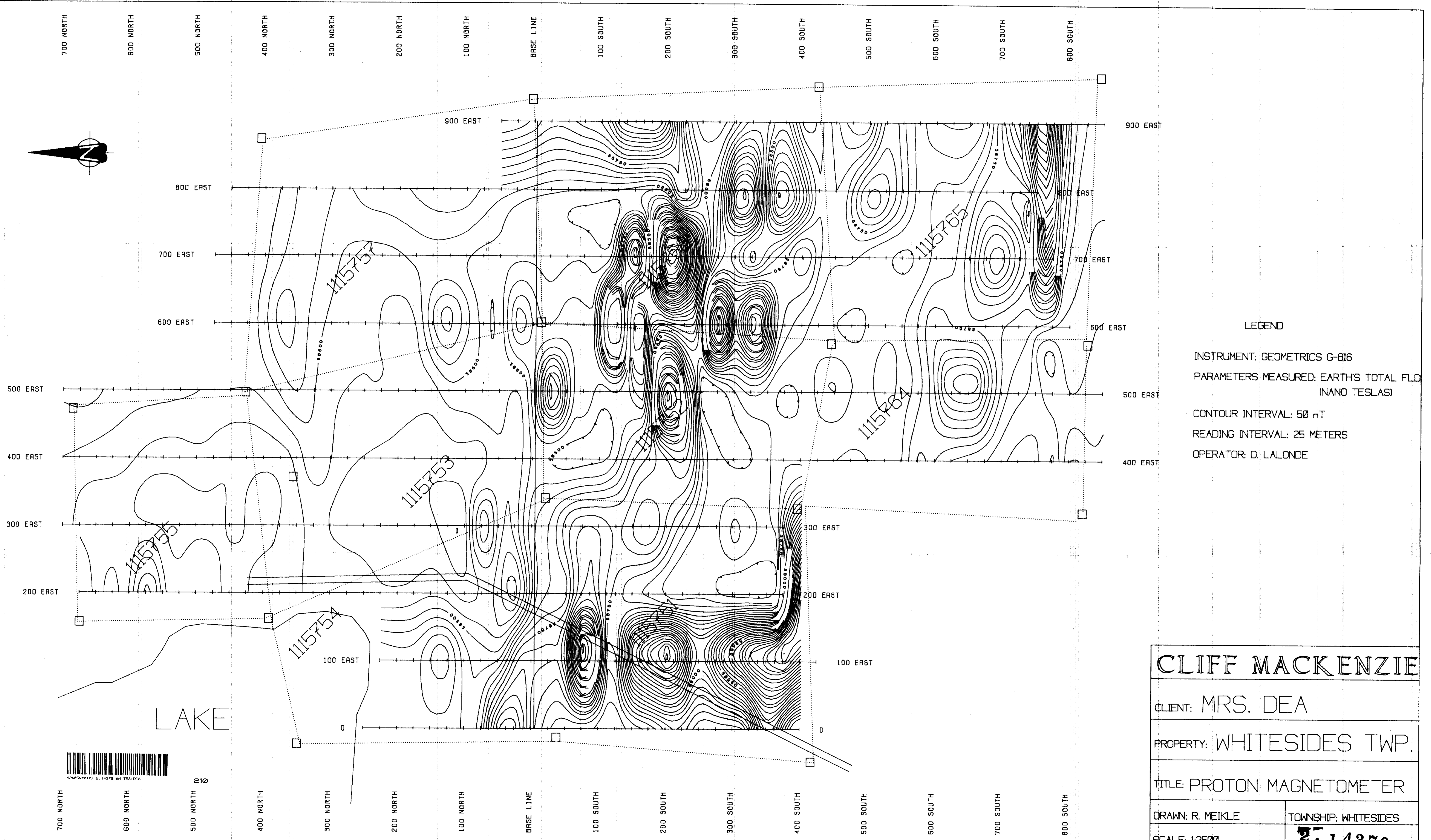
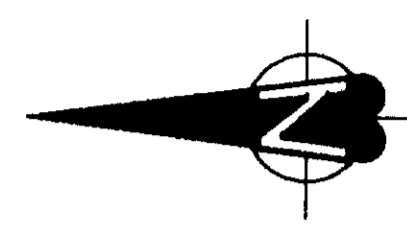
# G-3230

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-



42A95N0107 2.14379 WHITESIDES





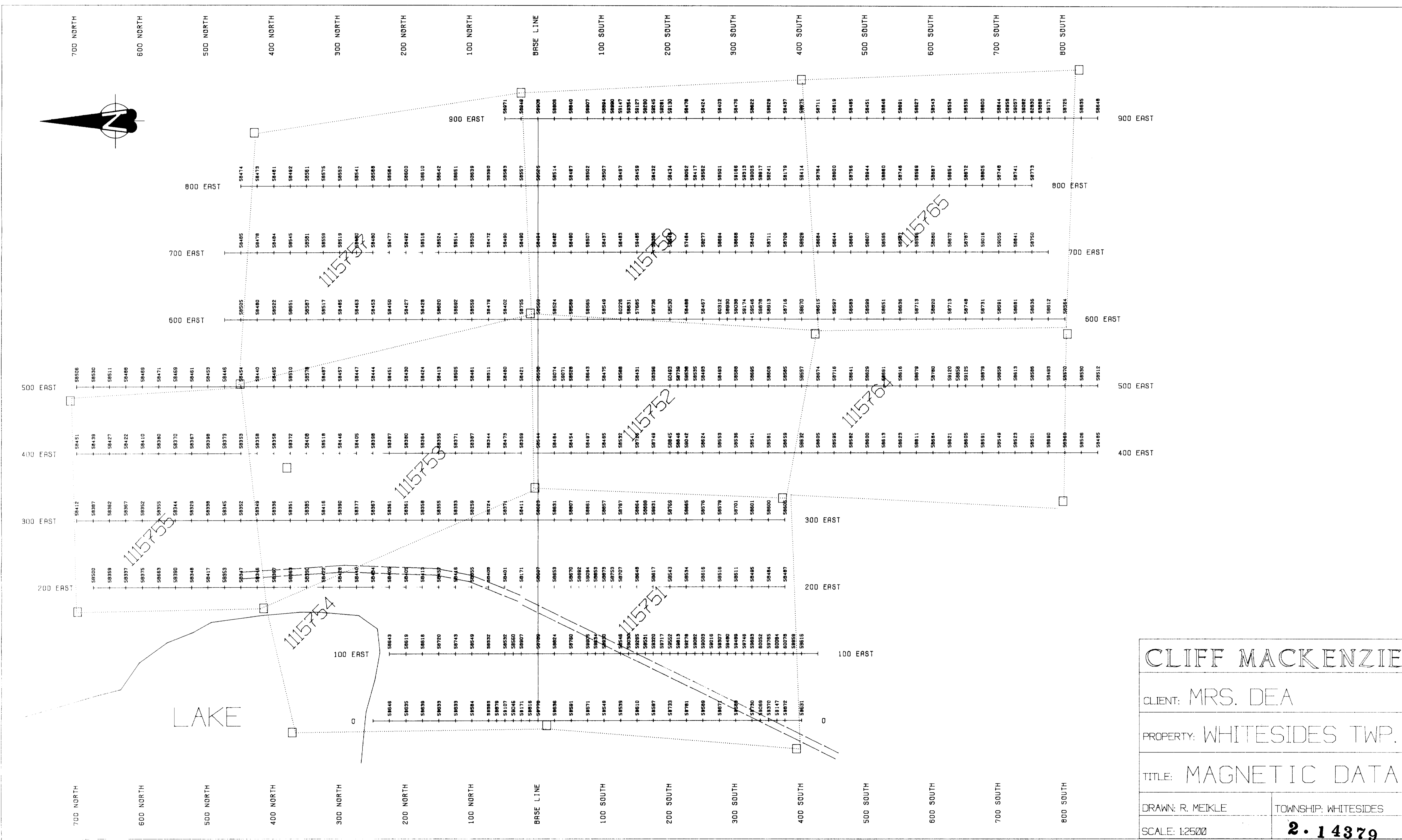
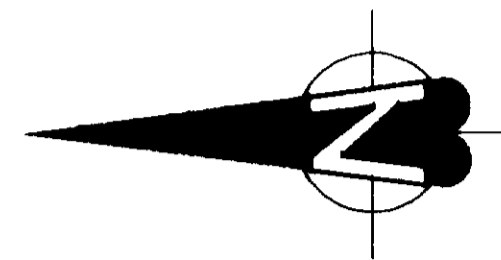
LEGEND

INSTRUMENT: GEOMETRICS G-816  
 PARAMETERS MEASURED: EARTH'S TOTAL FLD (NANO TESLAS)  
 CONTOUR INTERVAL: 50 nT  
 READING INTERVAL: 25 METERS  
 OPERATOR: D. LALONDE

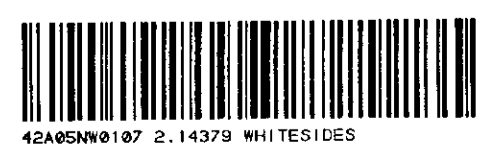


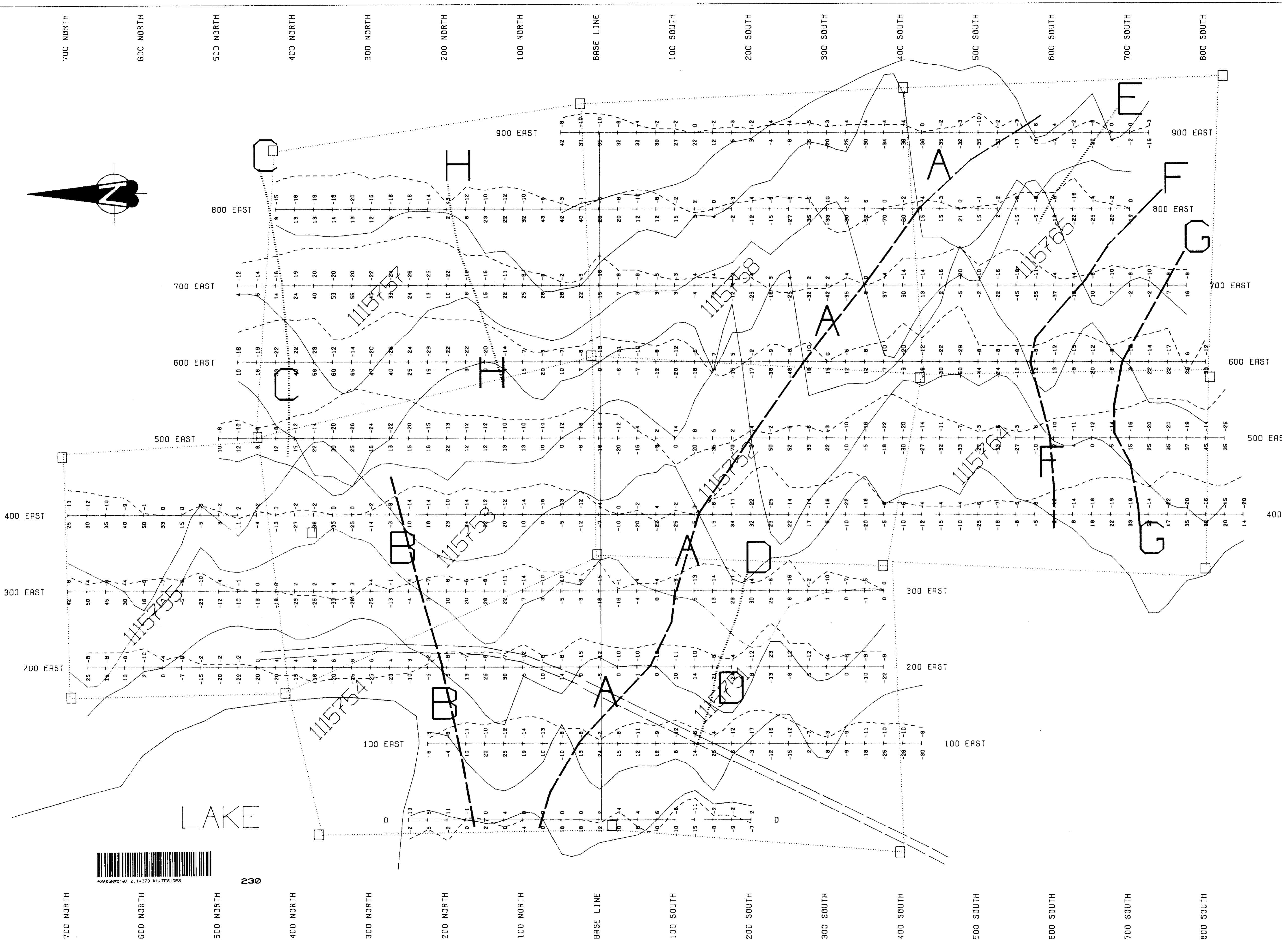
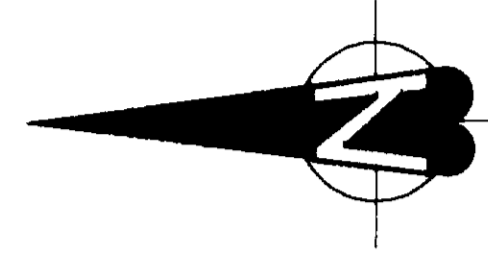
210

CLIFF MACKENZIE	
CLIENT: MRS. DEA	
PROPERTY: WHITESIDES TWP.	
TITLE: PROTON MAGNETOMETER	
DRAWN: R. MEIKLE	TOWNSHIP: WHITESIDES
SCALE: 1:2500	2-14379



CLIFF MACKENZIE	
CLIENT: MRS. DEA	
PROPERTY: WHITESIDES TWP.	
TITLE: MAGNETIC DATA	
DRAWN: R. MEIKLE	TOWNSHIP: WHITESIDES
SCALE: 1:2500	<b>2-14379</b>





LEGEND

INSTRUMENT: GEONICS EM-16  
 PARAMETERS: IN-PHASE (%)  
 QUADRATURE (%)  
 PROFILE SCALE: 1CM=10 (%)  
 READING INTERVAL: 25M  
 OPERATOR: CLIFF MACKENZIE  
 ALL READINGS TAKEN FACING NORTH

IN-PHASE PROFILE —————  
 QUADRATURE PROFILE - - - - -

NOTE: A TRUE CROSS-OVER IS POSITIVE TO NEGATIVE GOING NORTH

CLIFF MACKENZIE

CLIENT: MRS. DEA

PROPERTY: WHITESIDES TWP.

TITLE: VLF-EM SURVEY

DRAWN: R. MEIKLE

TOWNSHIP: WHITESIDES

SCALE: 1:2500

2. 14370

