

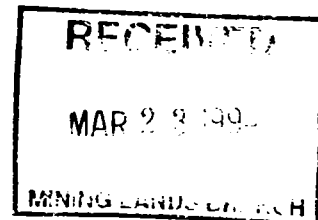


42A11SE0005 2.15354 TISDALE

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2.15354

REPORT ON
MAGNETIC AND VLF SURVEYS
NORTHEAST TISDALE PROJECT
TISDALE TOWNSHIP



JANUARY 1994

Qual. #. 2-2289.

D. LONDRY



42A11SE0005 2.15354 TISDALE

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INTRODUCTION

Magnetic and very low frequency (VLF) surveys were carried out on the Northeast Tisdale property during December of 1993. The purpose of the magnetic survey was to try and locate zones of alteration on the property.

The property is located in the northeast corner of Tisdale Township, approximately 9 kilometres northeast of the city of Timmins in the Porcupine Mining Division (Figure 1(a)). A shaft on the former Beaumont property is located on an adjacent claim to the east and two shafts on the former Kinch property are located within 100 metres of the southern boundary of the Northeast Tisdale Property.

The property is accessed by travelling north from Timmins along Highway 655 and then east along the Bell Lake Road which passes through the middle of the claim group.

The property consists of four contiguous claims comprising five 40 acre claim units (Figure 1(b)). The claims are numbered as follows:

<u>CLAIM #</u>	<u># OF UNITS</u>	<u>DESCRIPTION</u>
P1182657	1	NE1/4 N1/2, Lot 3, Con VI, Tisdale Twp.
P1182593	1	SW1/4 N1/2, Lot 3, Con VI, Tisdale Twp.
P1193767	1	SE1/4 N1/2, Lot 4, Con VI, Tisdale Twp.
P1193768	2	NW1/4 NE1/4 S1/2, Lot 4, Con VI, Tisdale Twp.

The author of this report carried out the magnetic and VLF surveys.

GENERAL GEOLOGY

Tisdale Township was first mapped by Burrows (1915,1924) following the discovery of the Timmins gold camp in 1909. Subsequently, Hurst (1939) and Ferguson et al (1968) provided more detailed maps of Tisdale Township and the immediate surrounding area.

The claim group is located on the south flank of the North Tisdale anticline (Ferguson, 1968), the axis of which trends east-west through the most northern claims on the property. Work directly to the east, on the former Beaumont claim, and to the south, on the former Kinch property, show that the area is underlain by intermediate volcanic flows which strike east to northeast, face south and dip steep to the south.

Gold mineralization on the former Beaumont claim is associated with quartz carbonate veins within two carbonatized zones. These zones are located in basalt flows and trend east northeast, conformable to the volcanics. The quartz veins are also sparsely mineralized with pyrite, pyrrhotite, chalcopyrite and tourmaline.

PREVIOUS WORK

The following description of previous work carried out on and around the Northeast Tisdale property is taken from assessment files (Table 1).

The Northeast Tisdale Property is part of a 15 claim group which was originally held by North Davidson Mines Limited in the early 1900's. It was later acquired by Beaumont Gold Mines Limited in 1920, Harris Consolidated Mines

YEAR	COMPANY	GEOPHYSICS	DRILL HOLES	ASSESSMENT FILE
1948	GODDEN/GODBEAU PORCUPINE	GEOLOGICAL	HOLES 1 TO 8	383
1990	ASARCO EXPL CO of CAN LTD	MAG,VLF	BE-90-1 TO 4	3353
1990	MONETA PORCUPINE MINES INC	MAG,VLF		2727
1991	TOTAL ENERGOLD CORPORATION	MAG,VLF,HLEM		3479

Table 1. Summary of previous assessment work.

Limited in 1926, Ambassador Mines Limited in 1929, R.J.C. Godden and associates in 1935, Godden Porcupine Gold Mines Limited in 1941 and Godbeau Porcupine Mines Limited in 1953.

Most of the early work carried out by these companies was concentrated on alteration zones on the claim to the east of claim 1182593. In 1917, North Davidson Mines Limited drilled 1500 feet and in 1922, Beaumont Gold Mines Limited sunk a shaft to 320 feet with some crosscutting on the 150 and 300 foot levels. In 1927, Harris Consolidated Mines Limited drilled four holes totalling 1600 feet. In 1928, they deepened the shaft to 710 feet, established levels at 450 and 600 feet and carried out some underground development work. R.J.C. Godden and associates drilled 8 holes in 1940 totalling 5650 feet; five of the holes were drilled to test alteration zones to the east of the present property and three holes were drilled close to the boundary with the former Kinch property to the south. In 1954, Godbeau Porcupine Mines Limited drilled four holes close

to the Beaumont shaft.

More recently, geophysical work has been carried out on parts of the Northeast Tisdale Property by Moneta Porcupine Mines Inc. and Asarco Exploration Company of Canada Limited.

In 1990, Moneta Porcupine Mines Inc. carried out magnetic and VLF surveys over a block of claims which includes the present property except for claim 1182657. The surveys were run along north-south lines spaced every 400 feet. The magnetic readings were taken with a Scintrex MP-2 proton precession magnetometer and the VLF readings were taken with a Geonics EM-16 using Cutler, Maine as the transmitter station.

In 1990, Asarco Exploration Company of Canada Limited ran geophysical surveys over two claim groups in northeast Tisdale Township. One group consisted of 4 claims in the N1/2 of Lot 1, Concession VI and other consisted of 1 claim unit in the NE1/4 N1/2 of Lot 3, Concession VI (claim 1182657). The surveys were run on north-south lines spaced every 100 metres; the magnetic survey was conducted with the Scintrex MP-2 proton precession magnetometer and the VLF survey was run with the Geonics EM-16 using Cutler, Maine as the transmitter station.

In 1991, Total Energold Corporation carried a geophysics program on claims to the east and north of the present property. The program consisted of magnetic, VLF and HLEM surveys along north-south lines spaced every 100 metres. The magnetic survey was run with a EDA Omni Plus proton precession magnetometer, and the VLF survey was run with a Geonics EM-16 using Cutler Maine as the transmitter. The HLEM survey was run with an Apex Parametrics MaxMin II with a coil separation of 100 metres and frequencies of 444 and 1777 Hertz.

SURVEY DESCRIPTIONS

The grid on the property consists of north-south survey lines spaced every 100 metres and east-west tie lines spaced every 400 metres. The grid was started on the Tisdale Murphy township line; station 1600 South, 800 East is located at a survey post between Lots 2 and 3, Tisdale Township.

The magnetic readings were taken every 10 metres with a Scintrex IGS-2/MP-4. This instrument is a proton precession magnetometer which measures the earth's total magnetic field to an accuracy of 0.1 gammas. Diurnal variations were monitored every 12 seconds with a Scintrex MP-3 base station magnetometer. The base station was located at 2280 South on Line 300 West; the base value at this point, to which all other readings were corrected, is 58289 nT. A total of 946 readings were taken along a total of 9.2 kilometres of line.

The VLF-EM survey was carried out with a Crone Radem which measures the dip angle of the vertical field. The transmitter station used was Cutler, Maine which operates at a frequency of 24.0 kHz. A total of 484 readings were taken along 9.2 kilometres of line. The sample interval in this survey was 20 metres.

MAGNETIC RESULTS

The magnetic results are posted and contoured every 100 nT on Map 1 at a scale of 1:5000. A colour image of the total magnetic field is given in Figure 2 at a scale of 1:10,000.

A linear, high magnetic field which represents an ultramafic flow or sill strikes east-west just to the north of Tie Line 2000 South. The source of the

anomaly has a width of approximately 100 metres and dips to the south. A second ultramafic unit is mapped by a linear magnetic high anomaly which strikes east-west along Base Line 2400 South. A 'break' or decrease in the amplitude of the anomaly at Line 100 West may be due to a alteration.

The source of an east northeast striking linear anomaly in the southwest corner of the property and isolated magnetic highs in the most northern claim are also likely ultramafics.

VLF-EM RESULTS

The results of the VLF-EM survey are profiled on map 2 with a profile scale of 1 cm = 20 degrees. The Fraser filtered VLF data are contoured every 2 degrees on map 3. Both of these maps are plotted at a scale of 1:5,000 and a colour image of the Fraser filtered values is given in Figure 3 at a scale of 1:10,000.

The anomaly which runs along the north side of the Bell Lake Road is the response from a natural gas pipeline.

The strong anomalies in the southeast corner of the property is located along the edge of an area of outcrop to the south. The cause of this anomaly is likely current channelling along the bedrock overburden interface.

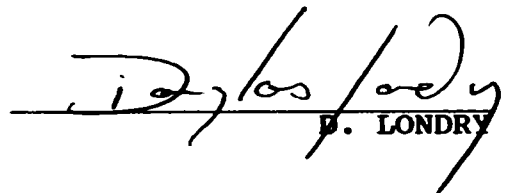
Other anomalies coincide with or mark the edge of ultramafics, outlined in the magnetic survey. These anomalies may be due to a difference in conductivity between the ultramafics and volcanics or current channelling where the units have weathered to different depths.

The most interesting anomaly in the results is the weak response at 2640 South on Line 600 West and from 2530 South on Line 400 West to 2480 South on Line 300

West. This east northeast striking anomaly lies on strike with the break in an east-west striking magnetic high anomaly at 2400 South.

All of the VLF anomalies should be tested with an IP survey.

DATE


B. LONDREY

REFERENCES**BURROWS, A.G.**

1915: The Porcupine Gold Area, Ontario Bureau of Mines, Vol 24, Part 3, p. 1-57. Accompanied by Map 21a, scale 1 inch to 2000 feet.

1924: The Porcupine Gold Area, Fourth Report; Ontario Department of Mines, Vol 33, Part 2, 112p. Accompanied by Map 33a, scale 1 inch to 2000 feet.

HURST, M.E.

1939: Porcupine Area; Ontario Department of Mines, Map 47a, scale 1 inch to 2000 feet.

FERGUSON, S.A. etal.

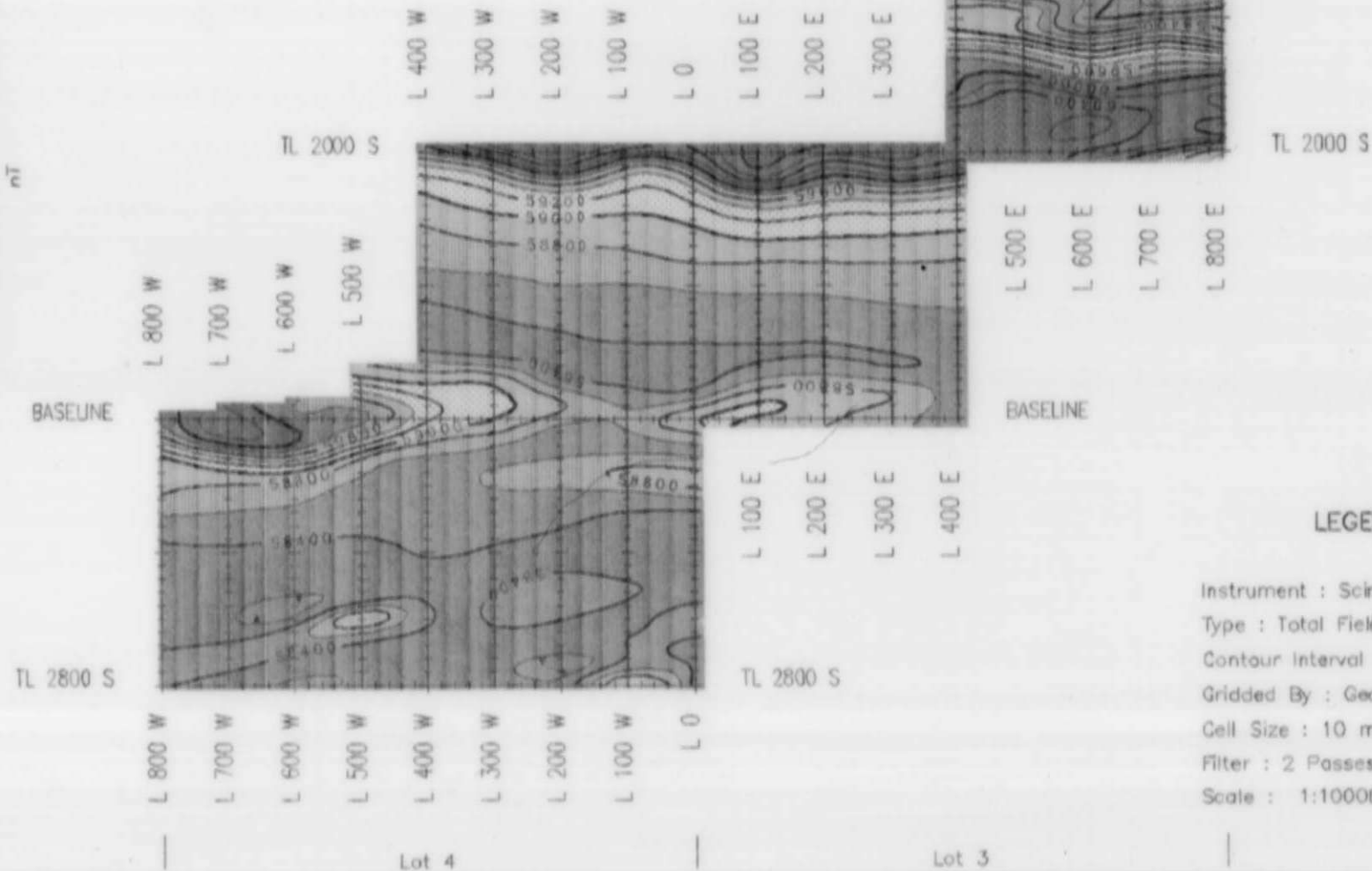
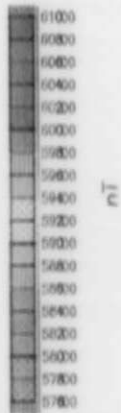
1968: Geology and Ore Deposits of Tisdale Township; Ontario Department of Mines, Geological Report 58, 117p. Accompanied by Map 2075, scale 1 inch to 1000 feet.

MURPHY TOWNSHIP
TISDALE TOWNSHIP

TL 1600 S

TL 1600 S

L 400 E
L 500 E
L 600 E
L 700 E
L 800 E



LEGEND

Instrument : Scintrex IGS-2/MP-4
Type : Total Field Proton Precession
Contour Interval : 200 nT
Gridded By : Geosoft Bigrid
Cell Size : 10 metres
Filter : 2 Passes 9 Point Hanning
Scale : 1:10000

Figure 2 : Colour Image of Total Magnetic Field

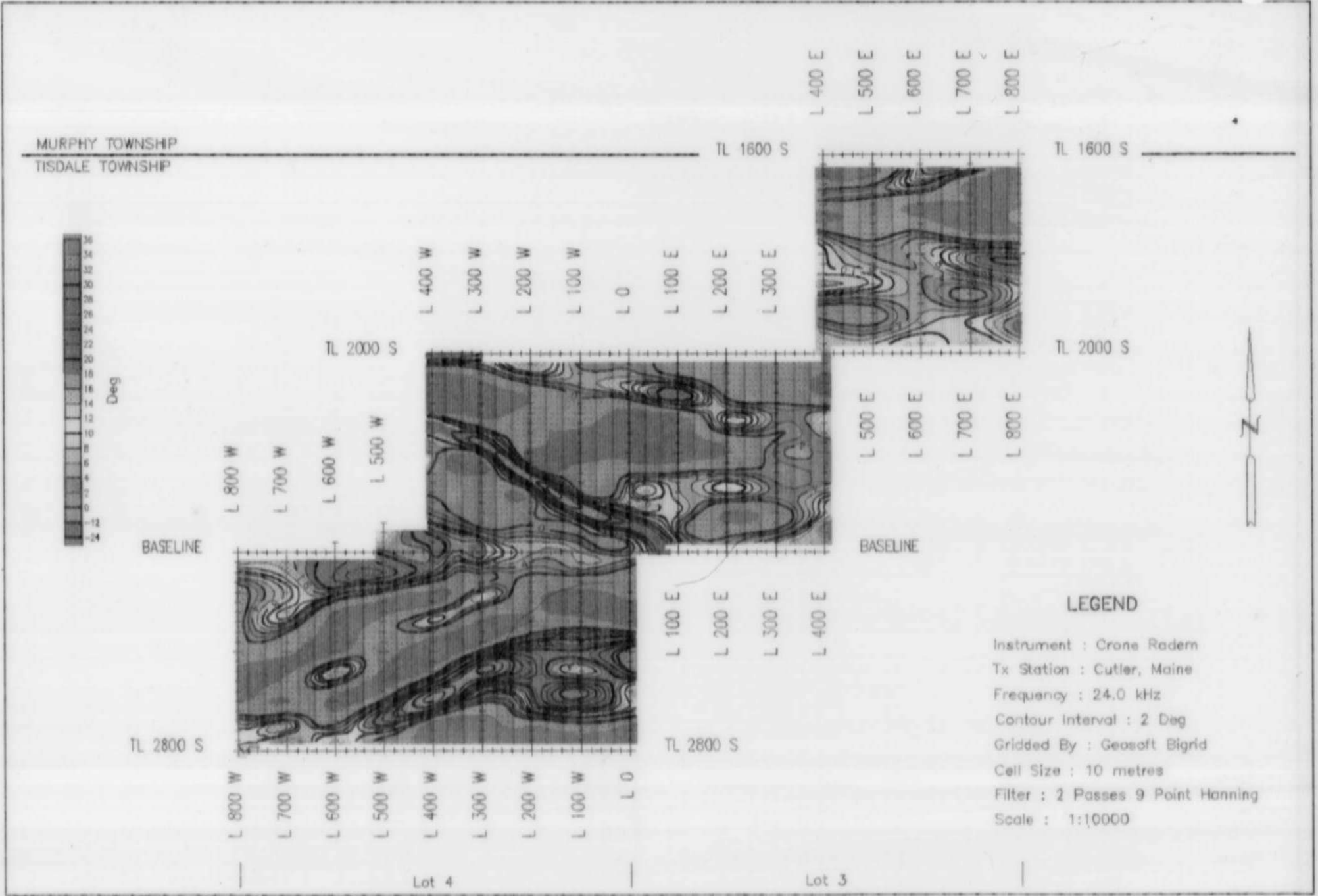


Figure 3 : Colour Image of Fraser Filtered VLF Data

Report of Work Conducted After Recording Claim

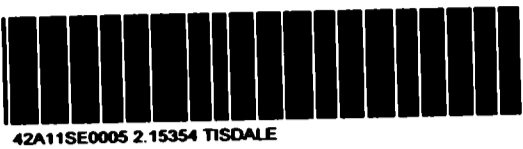
Mining Act

M.L.
Transaction Number
W9460.00031

2.15354

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

- Instructions:
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for recording.
 - A separate copy of this form must be complete.
 - Technical reports and maps must accompany this form.
 - A sketch, showing the claims the work is assigned to, must be submitted.



900

Recorded Holder(s) <u>MR. A.J. RISTIMAKI</u>		Client No.
Address <u>69 HAROLD AVE. SOUTH PORCUPINE, ONT. P0N1H0</u>		Telephone No. <u>(705) 235-2211</u>
Mining Division <u>PORCUPINE</u>	Township/Area <u>TISDALE TWP.</u>	M or G Plan No.
Date Work Performed	From: <u>OCT. 5/93</u>	To: <u>JAN. 31/94</u>

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	<u>LINECUTTING, GEOPHYSICS</u>
<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	

RECEIVED
MAR 23 1994
MINING LANDS BRANCH

RECORDED
MAR - 7 1994
Receipt _____

Total Assessment Work Claimed on the Attached Statement of Costs \$ 1010.00

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
<u>DOUGLAS LONDREY</u>	<u>547 LOACH'S ROAD, SUDBURY, ONT. P3E 2R3</u>

(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: MARCH 7 1994 (with D.L. above)
Recorded Holder or Agent (Signature): Douglas Londrey

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.

Name and Address of Person Certifying: DOUGLAS LONDREY, 547 LOACH'S ROAD, SUDBURY, ONT. P3E 2R3

Telephone No.: (705) 523-5479
Date: MARCH 7, 1994 (with D.L. above)
Certified By (Signature): Douglas Londrey

For Office Use Only

Total Value Cr. Recorded <u>\$ 1010.00</u>	Date Recorded <u>MARCH 7th/94</u>	Mining Recorder <u>[Signature]</u>
	Deemed Approval Date <u>JUNE 6th/94</u>	Date Approved
	Date Notice for Amendments Sent	

RECEIVED
MAR 7 1994
PORCUPINE MINING DIVISION



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

W9460.00031

2 · 15354

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^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type LINECUTTING	\$650.	
	MAGNETIC	\$180.	
	VLF-EH	\$180.	\$1010.
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			\$1010.

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 RECEIVED		
Food and Lodging Nourriture et hébergement	RECEIVED BRANCH		
	RECORDED		
	MAR - 7 1994		
Mobilization and Demobilization Mobilisation et démobilisation	Receipt _____		
Sub Total of Indirect Costs Total partiel des coûts indirects			
Amount Allowable (not more 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
x 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
x RECEIVED	

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 _____ I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts MAR 7 1994

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 <i>Douglas / 207</i>	Date MAR. 7/94
-----------------------------------	-------------------

Report of Work Conducted After Recording Claim

Mining Act

M.L.
Transaction Number
W9460.00030

2. 15354

2. 15354

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

- 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.

Recorded Holder(s) DR. D.R. PYKE		Client No.
Address 31 DELAIR CRES., THORNHILL, ONT. L3T 2M3		Telephone No. (416) 881-2825
Mining Division PORCUPINE	Township/Area TISDALE TWP	M or G Plan No.
Dates Work Performed From: OCT. 5/93	To: JAN. 31/94	

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	LINECUTTING, GEOPHYSICS
<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	

RECEIVED
MAR 2 5 1994
MINING LANDS BRANCH

RECORDED
MAR - 7 1994
Receipt

Total Assessment Work Claimed on the Attached Statement of Costs \$ 4030.00

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
DOUGLAS LONDRY	547 LOACH'S ROAD, SUDBURY, ONT P3E 2R3

(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 MAR FEB. 7/94	Recorded Holder or Agent (Signature) Douglas Londry
--	------------------------------	---

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.		
Name and Address of Person Certifying DOUGLAS LONDRY, 547 LOACH'S ROAD, SUDBURY, ONT. P3E 2R3		
Telephone No. (705) 523-5479	Date MAR FEB. 7/94	Certified By (Signature) Douglas Londry

For Office Use Only

Total Value Cr. Recorded \$4030.00	Date Recorded MARCH 7th/94	Mining Recorder [Signature]	<div style="border: 2px solid black; padding: 10px; text-align: center;"> <p>RECEIVED (c) MAR 7 1994 TB 3:30 PORCUPINE MINING DIVISION</p> </div>
	Deemed Approval Date JUNE 6th/94	Date Approved	
	Date Notice for Amendments Sent		



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

W9460.00030

2.15354

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^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type LINECUTTING	\$2550.	
	MAGNETIC	\$740.	
	VLF-EM	\$740.	\$4030.
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			\$4030.

2. Indirect Costs/Coûts indirects

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

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excedant pas 20 % des coûts directs)			
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)			\$4030.

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
	x 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
	x 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 _____ 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: Douglas / Jody Date: FEB. 7/94



Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

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

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

May 10, 1994

Our File: 2.15354
Transaction #: W9460.00030
W9460.00031

Mr. Gary White
Mining Recorder
Ministry of Northern
Development and Mines
60 Wilson Avenue
1st Floor
Timmins, Ontario

Dear Mr. White:

**RE: Approval of Assessment Work on mining claims 1182657 et al. in
Tisdale Township.**

The assessment credits for Geophysics, section 14 of the Mining Act Regulations, as listed on the original Report of Work, have been approved as of May 10, 1994.

Please indicate this approval on the claim record sheets.

If you have any questions concerning this submission please contact Dale Messenger at 670-5858.

Yours sincerely,

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

DEM/ljs
Enclosures:

cc: ✓ Assessment Files Office
Toronto, Ontario

Resident Geologist
Timmins, Ontario

MAP SYMBOLOLOGY

Aerial Cableway	Pipeline (above ground)
Boundary (various)	Railroad (various)
Canal	Road (various)
Contour	River, Stream, Canal
Control Points	Transmission Line
Cut-off	Tunnel
Falls	Utility Poles
Flooded Land	Wharf, Dock, Pier
Marsh or Swamp	Wooded Area
Mud	
Other	

AREAS WITHDRAWN FROM DISPOSITION

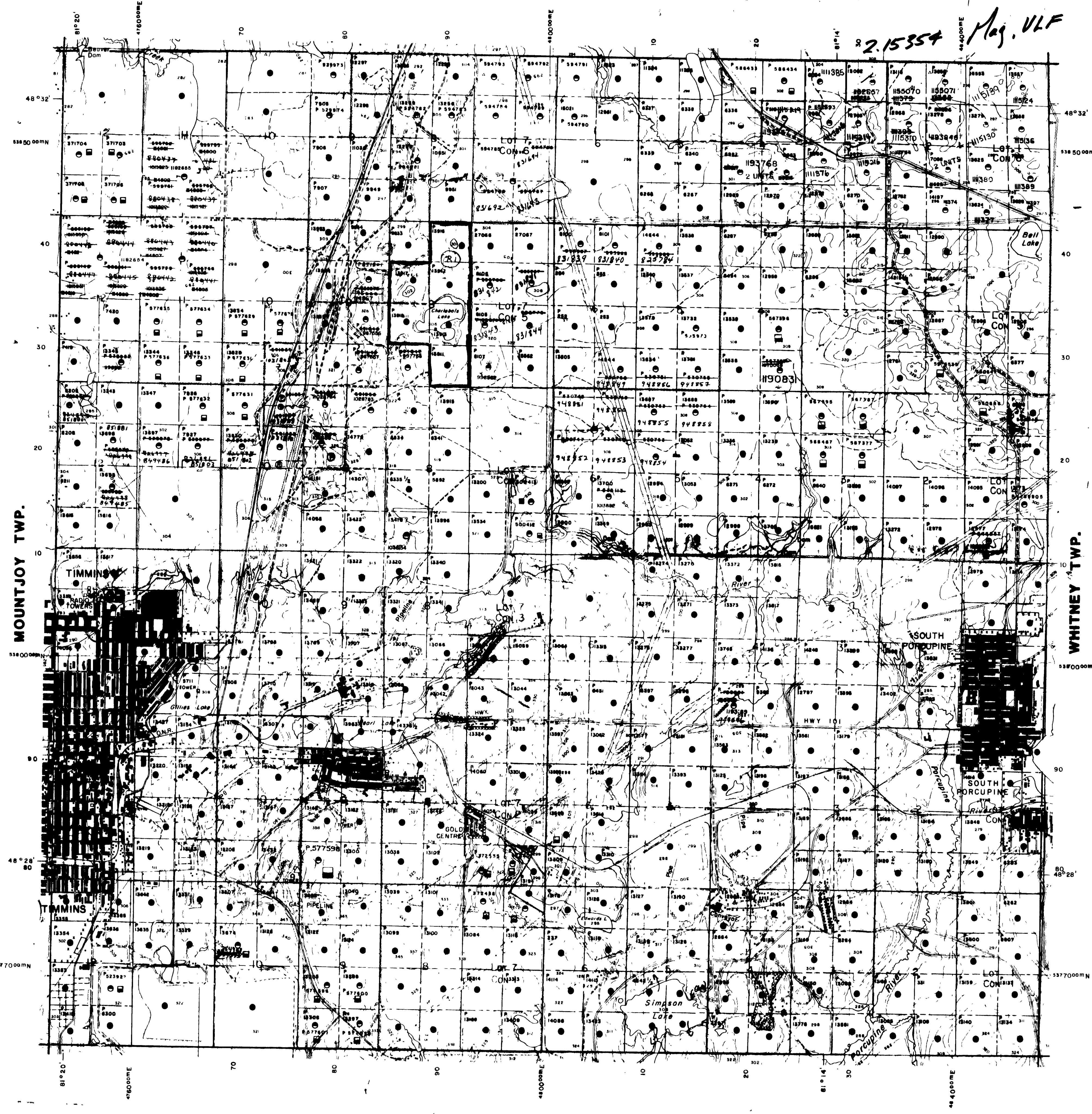
- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.R.S. - MINING AND SURFACE RIGHTS

Disposition	Order No.	Date	Disposition	File

MINING RIGHTS ONLY WITHDRAWN FROM PROSPECTING, STARTING OUT SALE UNDER THE MINING ACT 1910 AND 1912, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT R.S.O. 1910, CHAP. 200, SEC. 52, SUBSEC. 1.

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

MURPHY TWP.



2.15354 May. VLF

HIGHWAY AND ROUTE	OTHER ROADS
TRAILS	SURVEYED LINES
TOWNSHIP, 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 4, 1912, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT R.S.O. 1910, CHAP. 200, SEC. 52, SUBSEC. 1.



SCALE 1:20 000
GRID ZONE 17
NOTES

REGISTERED PLAN OF SUBDIVISION

RECEIVED
MAR 23 1994
MINING LANDS BRANCH

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

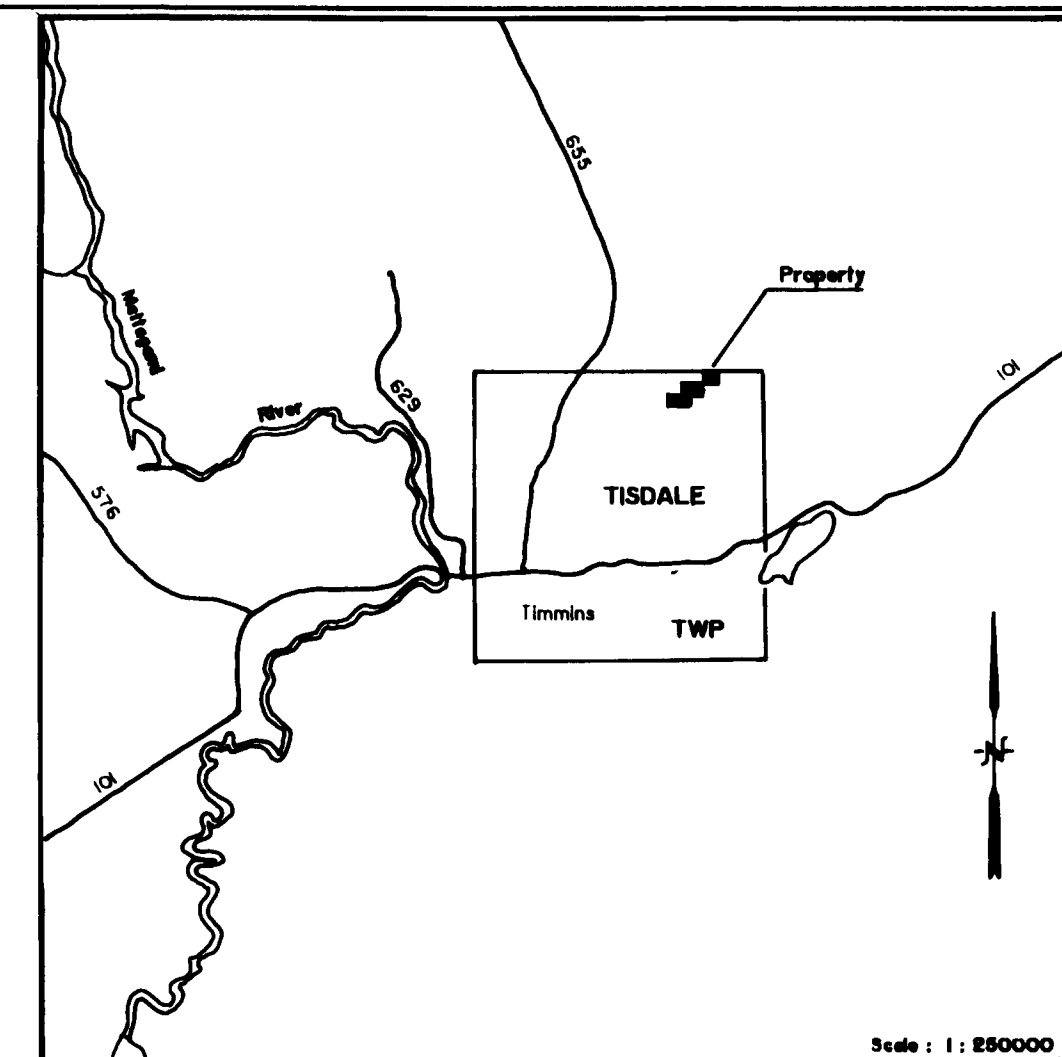
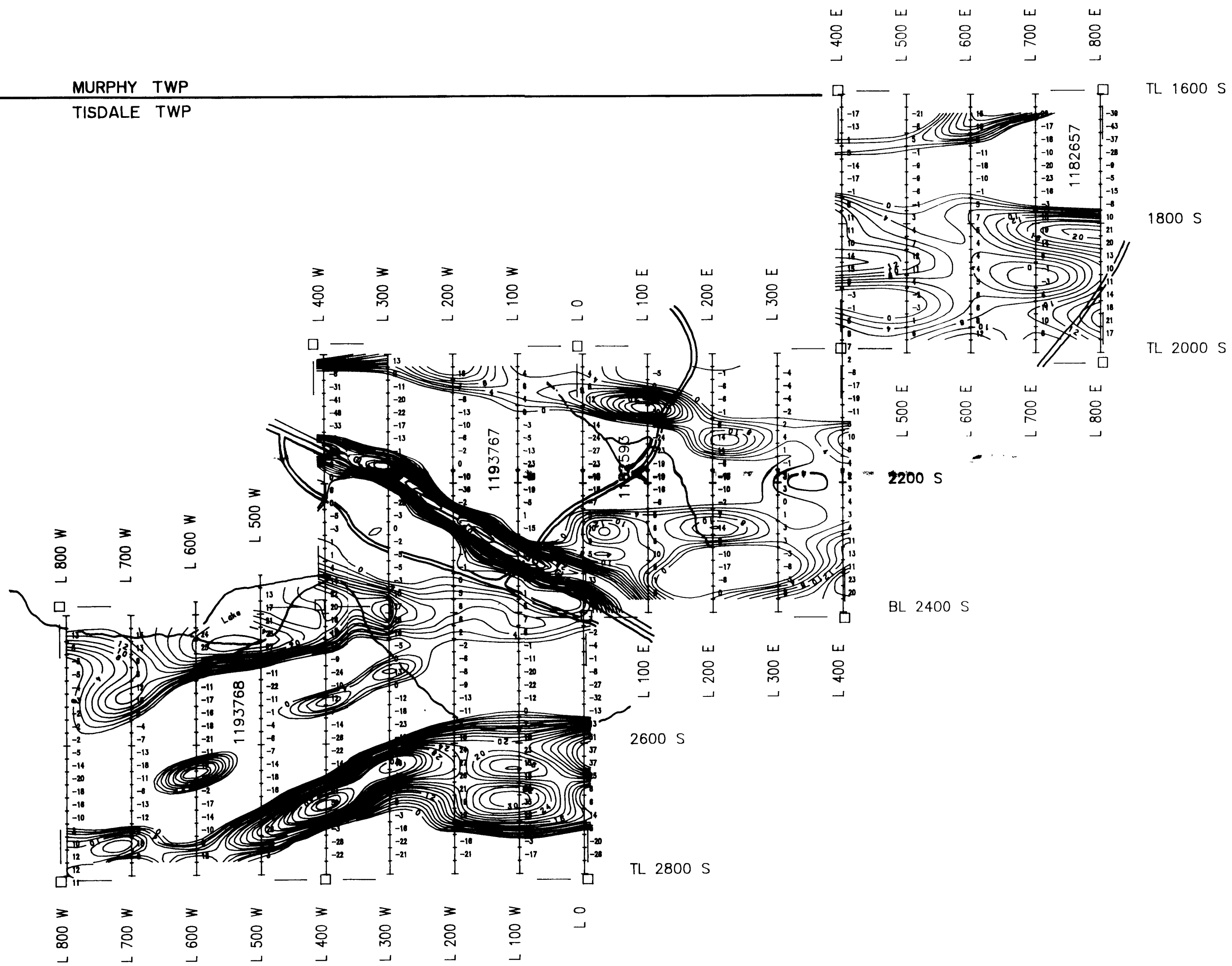
Ontario Ministry of Natural Resources Land Management Branch

ORIGINAL COMPILATION JULY 1984
REVISED
G-3976

DELORO TWP.



MURPHY TWP
TISDALE TWP



Instrument : Crone Radem **2. 15354**

Tx Station : Cutler Maine

Frequency : 24.0 kHz

Contour Interval : 2

Gridded By : Geosoft BIGRID

Cell Size : 10 m

Filter : 2 Passes 9 Point Hanning

Claim Posts

■ Located

□ Unlocated

— GL — Gas Line

RECEIVED

MAR 23 1994

MINING LANDS BRANCH



NORTHEAST TISDALE PROJECT
VLF SURVEY (Fraser Filtered)
TISDALE TOWNSHIP

SCALE : 1: 5000 DATE : DECEMBER, 1993

FILE : NETIS.FRA

WORK BY : *D. Londry*

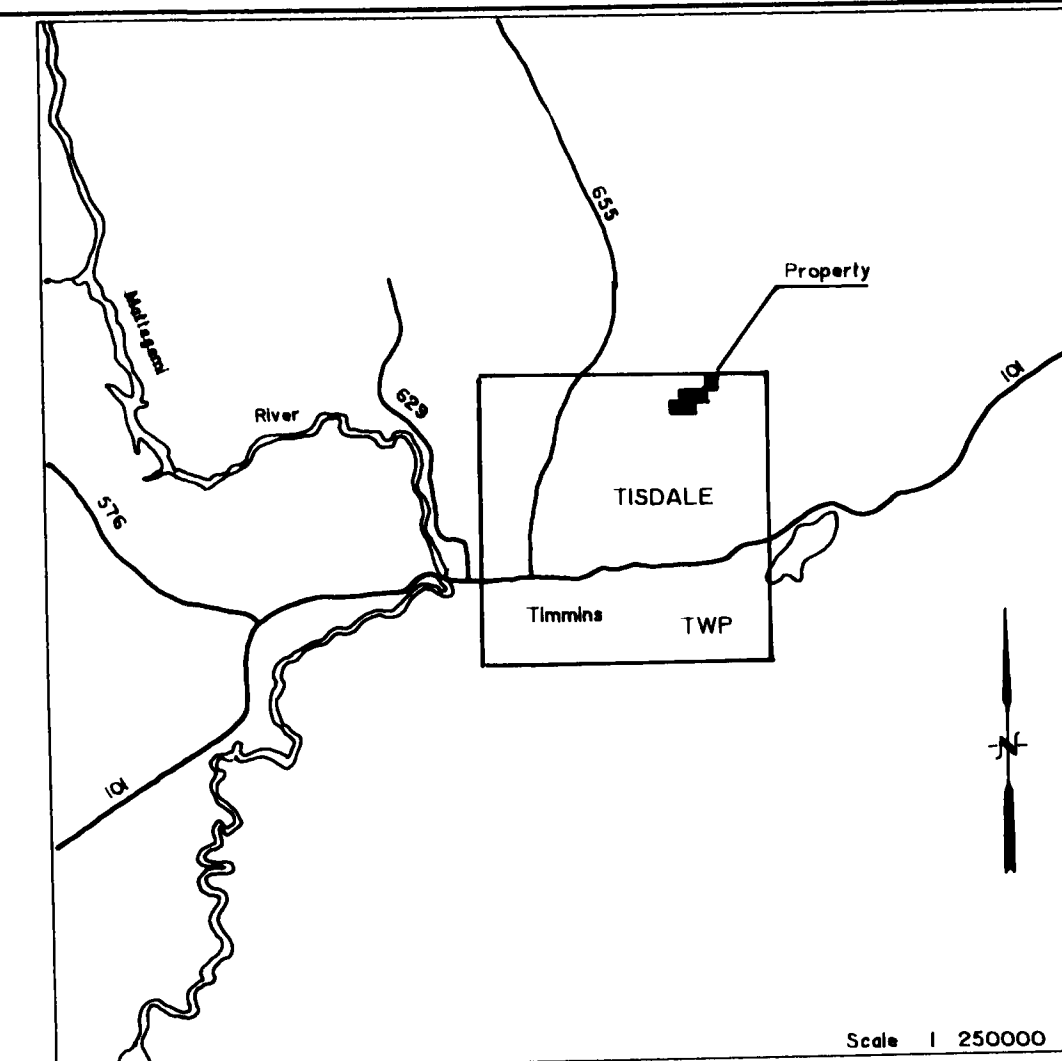
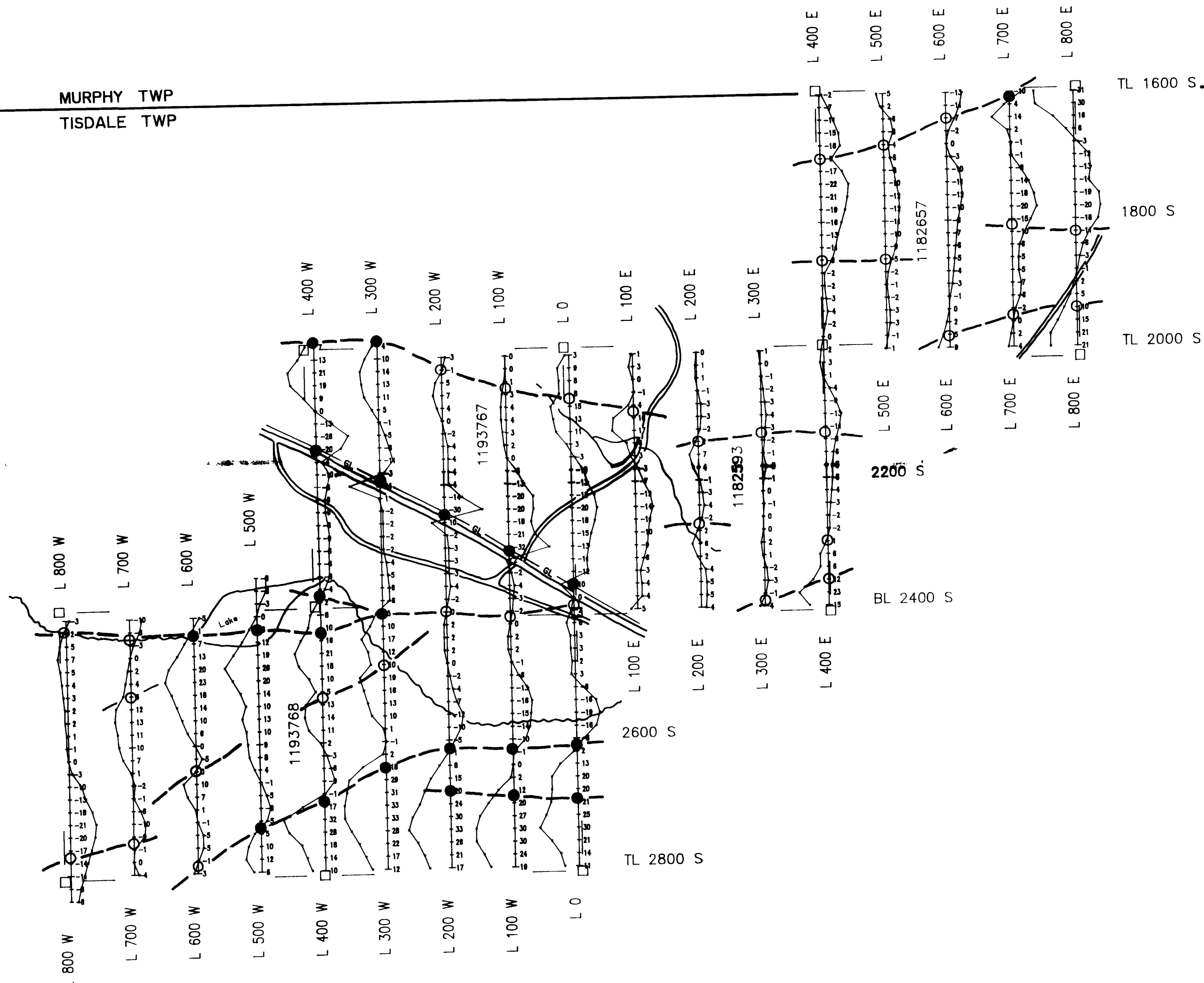


210

Lot 4

Lot 3

MURPHY TWP
TISDALE TWP



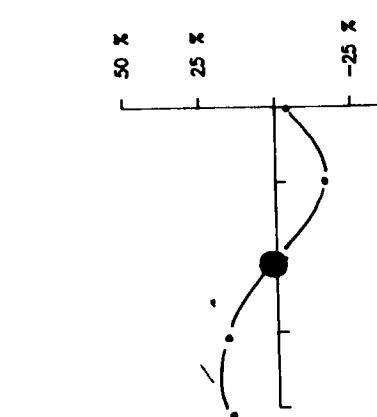
Instrument : Crone Radem
Tx Station : Cutler Maine
Frequency : 24.0 kHz
Claim Post
 Located
 Unlocated
 — G — Gas Line
 Profile Scale : 1 cm = 25%

2. 15354

RECEIVED

MAR 23 1994

MINING LANDS BRANCH



NORTHEAST TISDALE PROJECT

VLF SURVEY
TISDALE TOWNSHIP

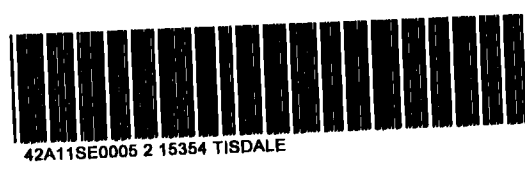
SCALE : 1: 5000

DATE : DECEMBER 1993

FILE : NETIS.VLF

Douglas J. Londry

WORK BY : **D. Londry**



220

Lot 4

Lot 3

