

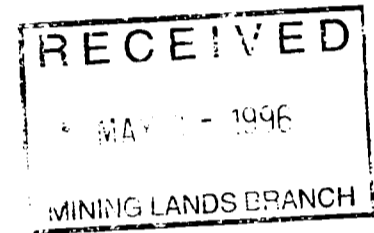


010

2.16498

REPORT ON
MAGNETIC SURVEY

NORTHEAST TISDALE PROJECT
TISDALE TOWNSHIP



Qual. # 2.2289

MARCH 1996

D. LONDY



42A11SE0041 2 16498 TISDALE

010C i

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INTRODUCTION

A magnetic survey was carried out on one claim in the northeast corner of Tisdale Township during February of 1996. The purpose of the magnetic survey was to help map the stratigraphy 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 west.

The property is accessed by travelling north from Timmins along Highway 655 and then east along the Bell Lake Road which passes within 100 metres of the southern edge of the claim.

The claim consists of one 40 acre claim unit (Figure 1(b) which covers the southwest 1/4, north 1/2 of Concession VI, Lot 2. The claim is numbered P1115310.

The survey was carried out by the author of this report.

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). Work directly to the west, on the former Beaumont claim, shows 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, directly to the west, 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 claim covered by the survey 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 Limited in 1926, Ambassador Mines Limited in 1929, R.J.C. Godden and associates in 1935, Godden Porcupine Gold Mines Limited in 1941 and Godbean 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 west. 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

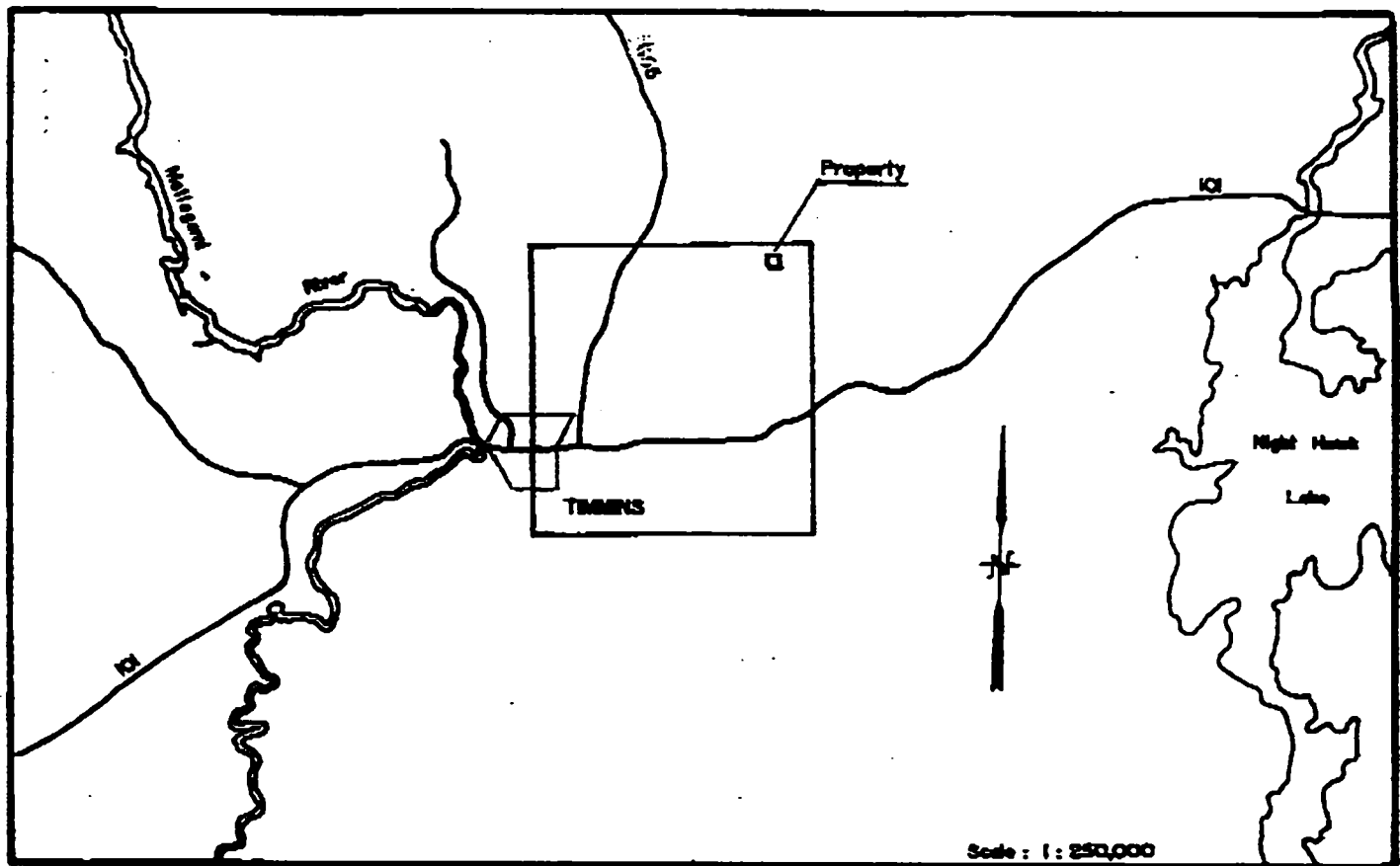


Figure (a) : Location Map

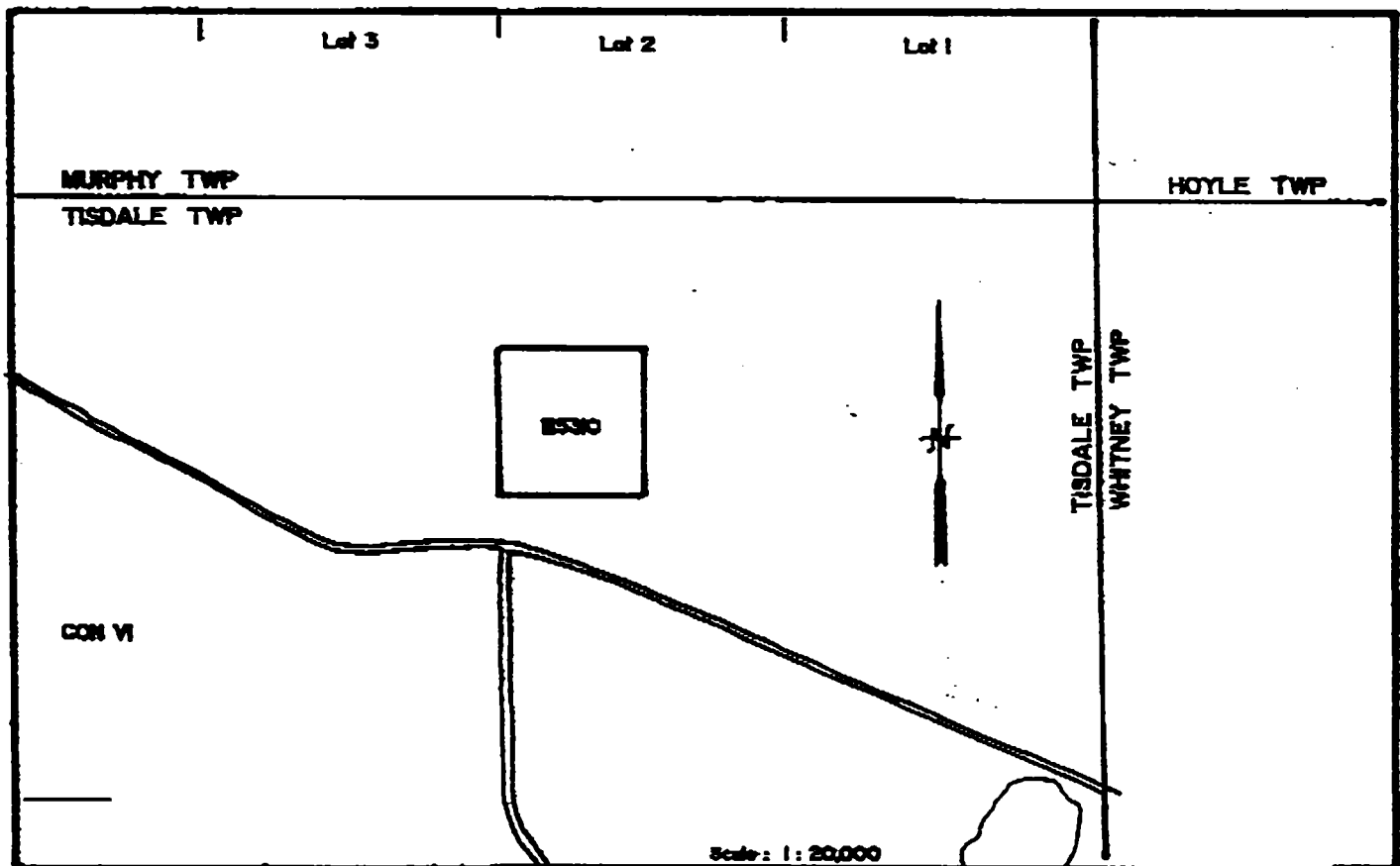


Figure (b) : Claim Map

drilled 8 holes in 1940 totalling 5650 feet; five of the holes were drilled to test the alteration zones near the Beaumont shaft. In 1954, Godbeau Porcupine Mines Limited drilled another four holes close to the Beaumont shaft.

SURVEY DESCRIPTION

The grid on the claim consists of an east-west base line along the northern edge of the claim and north-south survey lines spaced every 100 metres. All of the lines were picketed every 25 metres.

The magnetic readings were taken every 12.5 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. A total of 208 readings were taken along a total of 2.525 kilometres of line.

MAGNETIC RESULTS

The magnetic results are posted and contoured every 100 nT on Figure 2 at a scale of 1:5000.

A linear, high magnetic field which represents an ultramafic flow or sill strikes east-west at 2412 South on Lines 900 to 1200 East. The source of the anomaly has a width of approximately 50 metres and a dip which is close to vertical. A second ultramafic unit is mapped by a linear magnetic high anomaly which strikes east-west at 2300 South. A 'break' or decrease in the amplitude of the anomaly on Lines 1000 and 1100 West may be due to alteration.

The increase in the magnetic field towards the north edge of the survey area suggests the presence of another ultramafic unit just off the claim to the north.

SUMMARY AND RECOMMENDATIONS

The magnetic survey mapped east-west striking ultramafic flows or sills on the property; a break in one of these units may represent a breakdown of magnetic minerals due to alteration.

It is recommended that an induced polarization survey be carried out over the claim to locate any disseminated sulphides which may be associated with alteration zones.

MARCH 15, 1996.
DATE

D. LONDRIY
D. LONDRIY

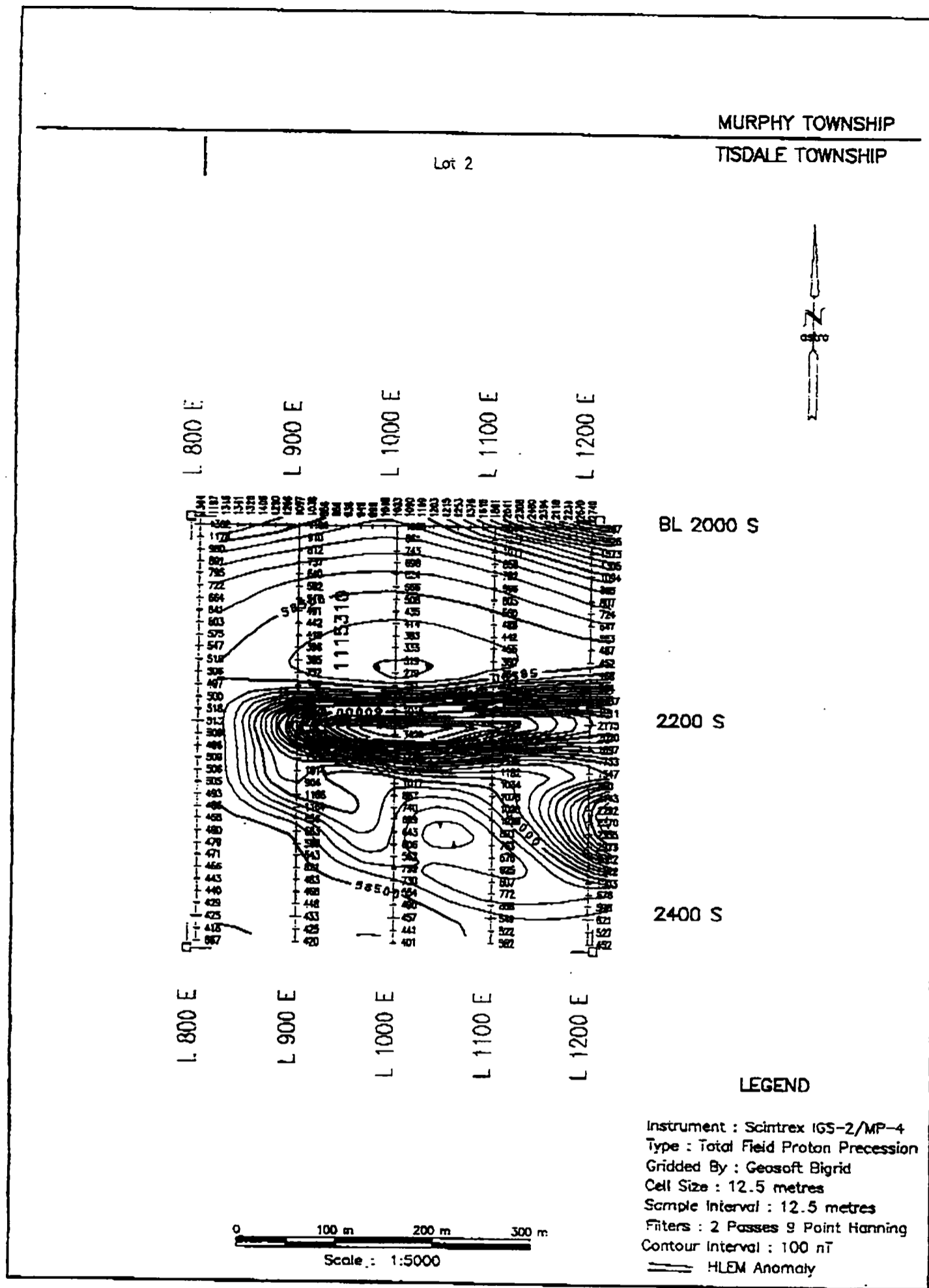


Figure 2 : Magnetic Results

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.



Report of Work Conducted After Recording Claim

Mining Act

Transaction Number

W 9660 00235

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.

2.16498

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



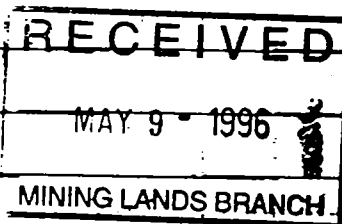
42A11SE0041 2 16498 TISDALE

900

Recorded Holder(s) MR. A.J. RISTIMAKI		Claim No. 187749
Address P.O. BOX 1060, 69 HAROLD AVE., S. PORCUPINE, ONT., P0N 1H0		Telephone No. (705) 235-4942
Mining Division PORCUPINE	Township/Area TISDALE TWP.	M or G Plan No.
Dates Work Performed From: JANUARY 1, 1996 To: MARCH 15, 1996		

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	MAGNETIC SURVEY
Physical Work, including Drilling	LINECUTTING
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	



Total Assessment Work Claimed on the Attached Statement of Costs \$ 1550.

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 LONDREY	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. 15/96	Recorded Holder or Agent (Signature) <i>Douglas Londrey</i>
--	---------------------------	--

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 DOUGLAS LONDREY, 547 LOACH'S ROAD, SUDBURY, ONT. P3E 2R3		
Telephone No. (705) 523-5479	Date MAR 15/96	Certified By (Signature) <i>Douglas Londrey</i>

For Office Use Only

Total Value Or Recorded 1550.	Date Recorded	Mining Recorder <i>Larry White</i>	RECEIVED MAR 18 1996 PORCUPINE MINING DIVISION
	Deemed Approval Date JUNE 16/90	Date Approved	
	Date Notice for Amendments Sent		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
1	115310	1
Total Number of Claims		1

Value of Assessment Work Done on this Claim	Value Applied to the Claim
\$1550.	\$1550.
Total Value Work Done	
Total Value Work Applied	

Value Assigned from this Claim	Reserve Work to be Claimed at a Future Date
Total Assigned From	
Total Reserve	

RECEIVED
 MAY 9 1996
 MINING LANDS BRANCH

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:

1. Credits are to be cut back starting with the claim listed last, working backwards.
2. Credits are to be cut back equally over all claims contained in this report of work.
3. 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 <i>Douglas/027</i>	Date MAR. 15/96
---	---------------------------------	--------------------



Ministry of
Northern Development
and Mines
Ontario
Ministère du
Développement du Nord
et des mines

**Statement of Costs
for Assessment Credit**

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

Transaction No./N° de transaction

Mining Act/Loi sur les mines

8

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.

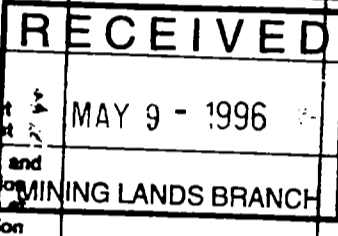
1. Direct Costs/Coûts directs

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	750.	\$1550.
	SURVEY	200.	
	REPORT	600.	
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			\$1550.

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'exécédant 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 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.

I, as AGENT 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 D. G. [Signature] Date MAR. 15/96.

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

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

Telephone: (705) 670-5853

Fax: (705) 670-5863

June 06, 1996

Our File: 2.16498

Transaction #: W9660.00235

Mining Recorder
Ministry of Northern Development & Mines
60 Wilson Ave.
Timmins, Ontario
P4N 2S7

Dear Mr. White:

**SUBJECT: APPROVAL OF ASSESSMENT WORK CREDIT ON MINING LAND, CLAIM(S)
1115310 (ET AL.) IN TISDALE TOWNSHIP (AREA)**

Assessment work credit has been approved as outlined on the Declaration of Assessment Work Form accompanying this submission. The credit has been approved under Section 14, Geophysics (MAG) of the Assessment Work Regulation.

The approval date is June 04, 1996. Please indicate this approval on the claim record.

If you have any questions regarding this correspondence, please contact Bruce Gates at (705) 670-5856.

Yours sincerely,
ORIGINAL SIGNED BY:



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

BIG

BIG/jl
Enclosure:

cc: Resident Geologist
Timmins, Ontario

✓ Assessment Files Library
Sudbury, Ontario

MAP SYMBOLOLOGY

Aerial Cableway	Pipeline (above ground)
Boundary	Railroad
International	Single Track
Domestic	Double Track
Approximate	Abandoned
Liability	Terrace
Approximate	Road
Liability	Highway, County
Approximate	Township
Liability	Access Road (dashed)
Approximate	Trail, Back Road (dashed)
Liability	Trail, Back Road (solid)
Approximate	Rapids
Liability	Double line river with multiple rapids
Approximate	Double line river with multiple rapids
Liability	Reservoir
Approximate	River, Stream, Canal
Liability	Approximate
Approximate	Vertical
Liability	Vertical
Approximate	Culvert
Liability	Falls
Approximate	Double line river
Liability	Fence, Hedge, Wall
Approximate	Feature Outline (Construction Features, etc.)
Liability	Flooded Land
Approximate	Lock
Liability	Marsh or Swamp
Approximate	Mast
Liability	Mine Head Frame
Approximate	Outcrop

AREAS WITHDRAWN FROM DISPOSITION

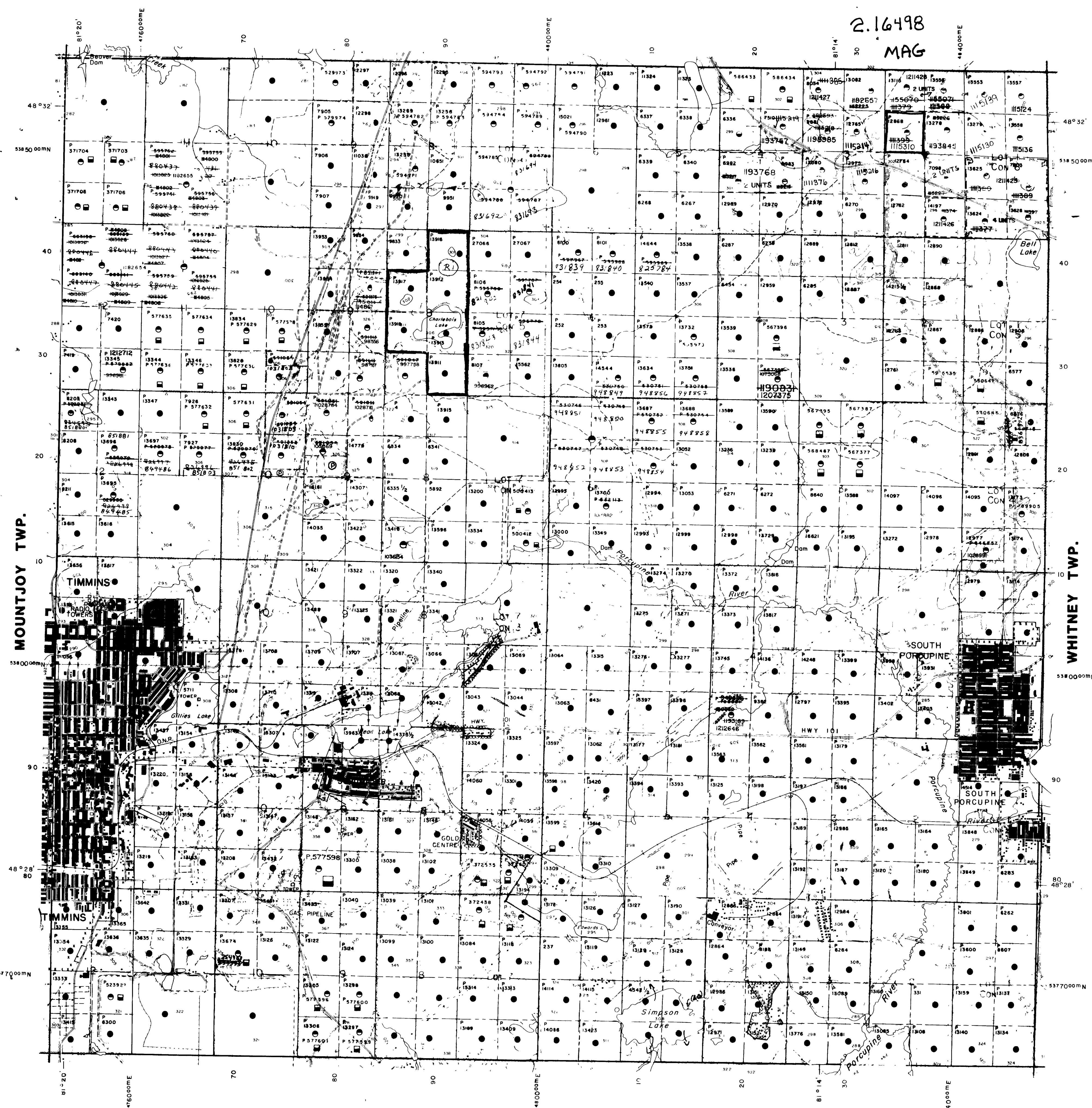
- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

MINING RIGHTS ONLY WITHDRAWN FROM PROSPECTING, STAKING OUTSIDE ON LEASE UNDER SECTION 35 OF THE MINING ACT 1930 DATED 22-MAY-27 AT 13:20 E.S.T. ORDER NO. W-28-28-92 HER

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.



2.16498
MAG

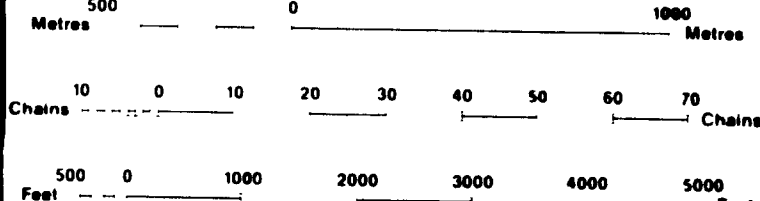
LEGEND

HIGHWAY AND ROUTE No	
OTHER ROADS	
TRAILS	
SURVEYED LINES	
TOWNSHIPS, BASE LINES, ETC	
LOTS MINING CLAIMS PARCELS ETC	
UNREGISTERED LINES	
LOT LINES	
PARCELS 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 6, 1912 VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT R.S.O. 1970 CHAP. 280, SEC. 63, SUBSEC. 1



SCALE 1:20 000
GRID ZONE 17

NOTES

- REGISTERED PLAN OF SUBDIVISION
- I2

2.16498

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



ORIGINAL COMPILATION JULY 1984
REVISED
Number
G-3976

DELORO TWP.

