



42A12SE8900 2.15174 ROBB

010

ROUSSEAU GROUP

TURNBULL AND ROBB TOWNSHIP

LINE CUTTING, CLAIM LINE REHABILITATION

AND MAGNETOMETER SURVEY

Submitted for assessment work 1993

By E. C. Charlers

Adiamantine Enterprise

Schumacher, ON.

2.15174

RECORDED
OCT - 1 1993
Receipt _____



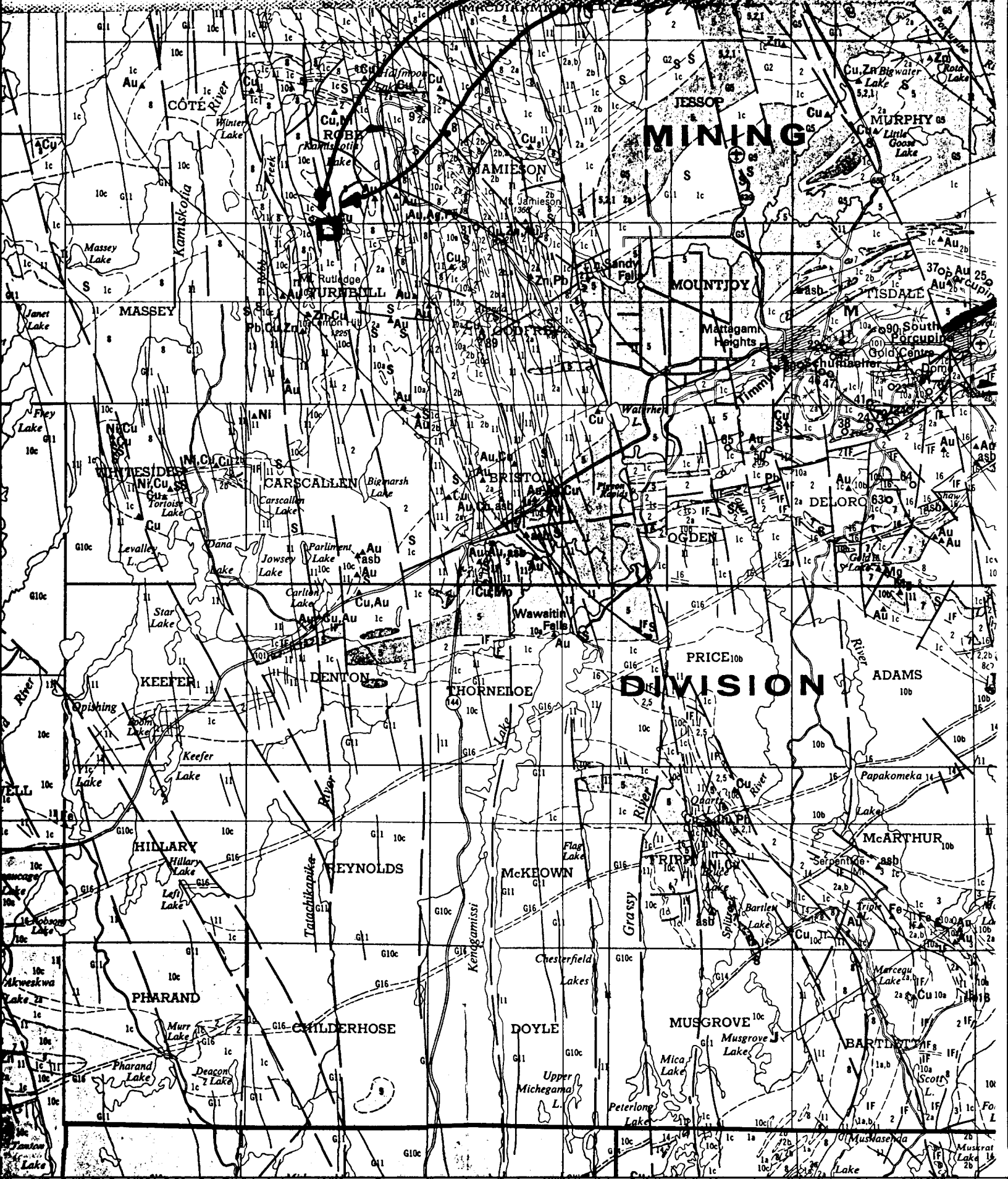
42A12SE8900 2.15174 ROBB

TABLE OF CONTENTS

010C

PG. 1 LOCATION MAP
PG. 2 CLAIM MAP
PG. 3 PROPERTY DESCRIPTION
PG. 4 SURVEY
PG. 6 QUALIFICATIONS

FROM OGS COMPILATION 2205
PROPERTY LOCATION



PROPERTY:

Property comprises a group of sixteen mining claims P1169873 to claim P1169880 inclusive and claims P1154801 to claim 1154808 inclusive owned by Robert Rousseau of 179 Birch St. South, Timmins Ont. The property is located in Robb and Turnbull townships, 18 miles northwest of Timmins ON. Access is from highway 676 north from highway 101 west. Thence from LeClair Avenue around Kamiskotia lake almost to the end where an ATV road is taken west and south for 1.25 miles. A footpath leads south 150 metres and then west 300 metres down the Niven Baseline that separates Robb from Turnbull township until the number one post of claim P1169873 is reached. The claims are tied on to two Patented claims to the east in Robb and Turnbull township, claims 6009 and claim 6010. N.T.S. map reference is 42/A/12.

The terrain is a mixture of high rolling hills with sparse large spruce birch and poplar and low swampy ground overgrown in cedar swamp. The hills have abundant outcrop and occasional mineral zones area seen. Boulders that seem to be local to the area, sometimes mineralized, occur of altered, chloritized andesite of greenschist facies, weakly mineralized porphyritic gabbro, quartz and rhyolite.

Prominent geological features are the east-west running weakly folded rhyolite porphyry on the border of Robb and Turnbull townships, that typically forms high outcrop. Where it contacts various rocktypes it is altered by dark blue chlorite and is weakly sheared. Locally stringers of chalcopyrite and pyritite approach massiveness in structure. These mineralized pod structures can be followed by geophysics as this survey would indicate. The property also encloses three multi channel Questor INPUT anomalies that are known to be co-incident with Zinc-Copper-Gold mineralization. Mespi Mines proved this by drilling in 1965. The INPUT survey was performed in 1987 and is called the O.G.S. Electromagnetic and Total Intensity Magnetic Survey for the district of Cochrane and Timiskaming and is on maps 81068 and 81076. Geology is represented on Map 2205, Timmins-Kirkland Lake Geological Compilation Series.

SURVEY and WORK PERFORMED:

lines were cut north-south from a baseline that was cut from the number one post of claim P1154808 to the number three post of claim 1154805 for a distance of 1400 metres. A tie line was cut from the number one post of claim P1154808 to the number four post of claim P1154805 for a distance of 1400 metres. A line was cut down the east boundary of the claim group from the number one post of claim P1169873 to the number two post of claim P1169875 for a distance of 1200 metres. A tie line was cut from the number two post of claim P1169875 for 1000 metres west. Thence lines were established at one hundred metre spacings from the number two post of claim P1154808 for 800 metres west for a total of 18400 metres of cut line. Stations were established every 25 metres along the lines and total of 15400 metres were read at each station by magnetometer. Lines read were lines 0 through 700 west (1600 metres for each line) and tie line 1600 north for 800 metres, baseline 1200 north for 1000 metres and tie line 040 north for a distance of 800 metres.

Claim lines were brushed out and post locations were re-established for the sixteen claims for a total of ten line miles of work.

MAGNETOMETER SURVEY

METHOD:

At first the baseline was read and corrected for diurnal variations during reading by applying a correction factor according to the difference between a station read at different times of day. By dividing the time difference by the gamma difference and assuming linearity of differential for all intervening stations read between that twice read station a correction factor of minutes over minutes per gamma was applied to each reading and subsequent readings where there was a one gamma change, to bring the baseline readings to reference a particular datum. Crossline readings were taken in a loop on the baseline and any variation from corrected baseline values for the baseline reference stations at each end of the loop supplied a difference over time and a difference in day to day datum. A factor that combined the day to day difference and the difference due to time of day was applied to readings on that loop in the same manner as the corrections to the baseline readings. A Barringer Research Proton free-precession magnetometer, model GM-122-2-0-2 was used for the survey, using a six foot staff to mount the sensor head which is omni-directional. Serial number of the magnetometer was 6237.

RESULT:

Several prominent features are noted that are of interest. A group of highs of between 100 and 700 gamma above background (58000 gamma) run from the southeast of the baseline 1200 north at line 0 west, 1150 metres north to line 700 west, 1275 metres north. These highs are co-incident with previous vertical loop anomalies read by Dominion Gulf in 1955 and Pyrrhotite and Chalcopyrite showings on the claim group. This broad band of highs is approximately 700 metres in length and 300 metres wide. At line 0 west, 1150 north the source of these highs can tentatively be identified in mineralized outcrop. The highs are also co-incident with a Porphyritic rhyolite contact that was mapped by Middleton in 1973. The aerial survey of the Timmins camp by Questor INPUT in 1987 shows a four channel anomaly also co-incident with the above mentioned features.

Other than this predominant feature a dyke striking northwest through the middle of the claim group along line 700 west can barely be discerned

(RESULT) continued

and mildly magnetic. It is seen in outcrop. Several isolated highs of limited extent occur throughout the property but cannot be explained except perhaps by the presence of Pyrrhotite enriched, diabase or magnetite boulders. These can be seen at line 500 west, 100 north and line 700 west, 675 north.

Other features of linearity exist suggesting parallel faulting in a westerly direction to from line 0 west, 900 north to line 700 west, 950 north. This may be a regional fault that Strangway for Dominion Gulf in 1955 suggested may cross Turnbull and Godfrey Townships. A major dislocation seems to exist as well, between line 100 west, 1200 north and line 700 west, 1600 north. This prominent feature suggests a northwest trending fault that crosses major east west linearities (which are parallel to baseline). Another linearity that suggests itself running northeasterly across the property from 500 west, 125 north to line 200 west, 1000 north. To the northwest some weaker parallel expressions exist.

The favourable target are assumed to be those magnetic highs where the sulfides are known to occur and there is associated conductivity however weak. Extreme lows could also indicate pyritic alteration zones that are characteristic of the Kamiskotia area. A widely spaced horizontal loop conductivity survey should be carried out to test this hypothesis.

E. C. Charters
Adiamantine Enterprise
Box 1232
Schumacher Ont.
PON-1G0
705-267-6579

Dear Sir:

This is to attest and certify that I, Eric Craig Charters am a Graduate of Haileybury School of Mines with a technical certificate and have seventeen years field experience in the mining industry, many of them in exploration. I am the person who carried out the survey on the property in question and I am solely responsible for the execution of the plotting and interpretation therefrom. It is done to the standards with which I have become familiar, in the industry by working on many similar surveys for mining companies, and the training I received from my educational background.

Yours truly;

E. C. Charters

E. C. Charters

Sept 28 1993



42A12SE8900 2.15174 ROBB

900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

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

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

Our File: 2.15174
Transaction #: W9360.00172

January 13, 1994

Mining Recorder
Ministry of Northern
Development and Mines
60 Wilson Avenue
1st Floor
Timmins, Ontario
P4N 2S7

Dear Sir:

**RE: APPROVAL OF ASSESSMENT WORK SUBMITTED FOR GEOPHYSICS,
ON MINING CLAIMS P1169873 ET AL IN ROBB & TURNBULL TOWNSHIPS**

A Notice of Deficiency was not issued on this Report of Work prior to the 90 day deemed approval date and as outlined in subsection 6(5) of the Mining Act Regulations this Report of Work is **deemed approved** as of **DECEMBER 29, 1993**.

Refer to the attached Assessment Work Credit Form for the correct distribution of value of work done on the claims.

If you require further information please contact Lucille Jerome at (705) 670-5855.

Yours sincerely

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

JL LJ/ljs

cc: Resident Geologist
Timmins, Ontario

Assessment Files Office
Toronto, Ontario

ASSESSMENT WORK CREDIT FORM

FILE NUMBER: 2.15174
DATE: December 29, 1993
RECORDER'S REPORT NUMBER: W9360.00172

RECORDED HOLDER: Robert Rousseau

CLIENT NUMBER:

TOWNSHIP OR AREA: Robb & Turnbull Townships

CLAIM	VALUE OF WORK DONE ON THIS CLAIM	VALUE APPLIED TO THIS CLAIM	VALUE ASSIGNED FROM THIS CLAIM	RESERVE
P1169873	640	400	104	136
1169874	520	400	55	65
1169875	640	400	104	136
1169876	840	400	304	136
1169877	700	400	164	136
1169878	840	400	299	141
1169879	560	400	53	107
1169880	410	400	10	0
1154801	530	400	55	75
1154802	0	400	0	0
1154803	0	400	0	0
1154804	0	400	0	0
1154805	0	400	0	0
1154806	630	400	94	136
1154807	840	400	304	136
1154808	490	400	54	36
<hr/>				
	7640	6400		1240



Ministry of
Northern Development
and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

MNG LANDS.
Transaction Number
W9360.00172

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 8A5, 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.

2.15174

Recorded Holder(s) ROUSSEAU, ROBERT		Client No.
Address 179 BIRCH ST SOUTH, TIMMINS		Telephone No. 269-3779
Mining Division PORCUPINE.	Township/Area ROBB AND TURNBULL	MNG Plan No. 3968, G3250
Dates Work Performed	From: SEPT 14/93	To: SEPT 29/93

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	MAGNETOMETER SURVEY + LINECUTTING.
<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

OCT - 1 1993

Receipt _____

Total Assessment Work Claimed on the Attached Statement of Costs \$ **7640.00**

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
E.C. CHARTERS	BOX 1232, SCHUMACHER, ON POU-16-0
A. BEAUDOIN.	91 BIRCH ST. SOUTH, TIMMINS ON.

OCT 12 1993

MINING LANDS BRANCH

(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 SEPT/28/93	Recorded Holder or Agent (Signature) E. C. Charters
--	---------------------------	---

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 E. C. CHARTERS		
Telephone No. 267-6579	Date SEPT/28/93.	Certified By (Signature) E. C. Charters

For Office Use Only

Total Value Cr. Recorded 7640.	Date Recorded Oct 1/93	Mining Recorder <i>[Signature]</i>	Received Stamp RECEIVED
	Deemed Approval Date Dec 29th/93	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

W9360.00172

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 19K	\$47500.00	
	MAGNETOMETER SURVEILLER	\$1626.00	
Supplies Used Fournitures utilisées	Type RUBBON	\$30.00	
	STRINGCHAIN	\$35.00	
	PAINT	\$15.00	
	GAS OIL	\$35.00	
Equipment Rental Location de matériel	Type ATU1 (3WHL)	\$250.00	
	ATU2 (TERRA JET)	\$100.00	
Total Direct Costs Total des coûts directs		\$4900.00	

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 4 WHL DROPS 2 VEHICLES	\$520.00	
RECORDED OCT - 1993			
Receipt			
Food and Lodging Nourriture et hébergement		\$20 PER DAY	
Mobilization and Demobilization Mobilisation et démobilisation			

Sub Total of Indirect Costs \$520.00

Total partiel des coûts indirects

Amount Allowable (not greater than 20% of Direct Costs) \$368.00
Montant admissible (n'excédant pas 20 % des coûts directs)

Total Value of Assessment Credit
(Total of Direct and Allowable
Indirect costs) \$8568.00
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

- Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
- 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

- Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
- 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 AGENT I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

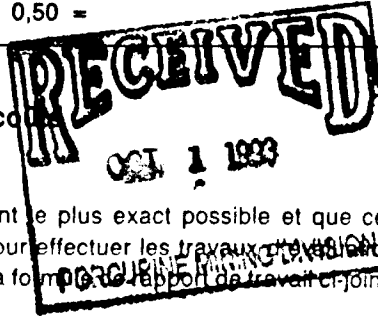
Attestation de l'état des coûts

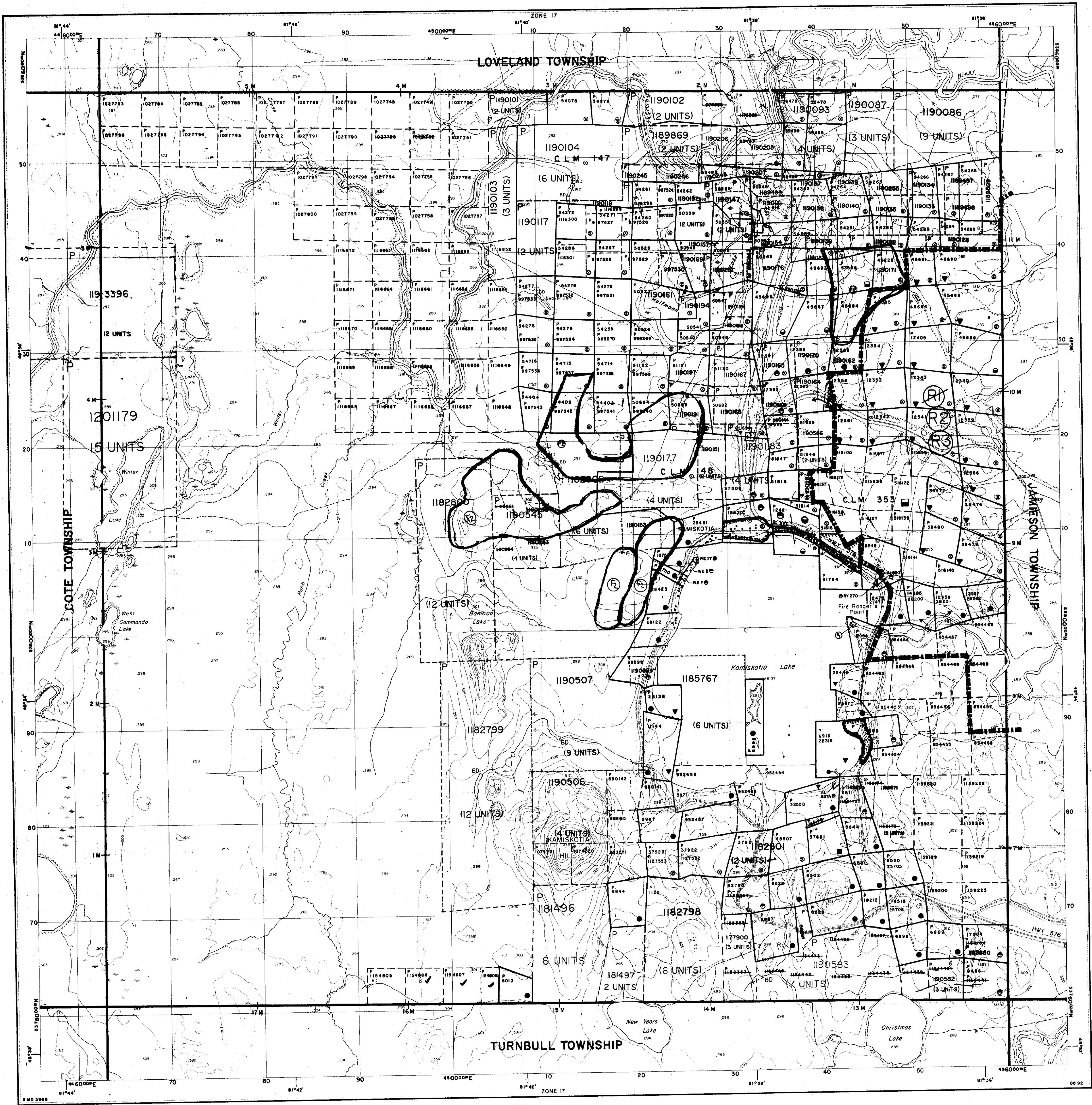
J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule et le rapport de travail ci-joint.

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

à faire cette attestation.

Signature [Signature] Date SEP 28/93

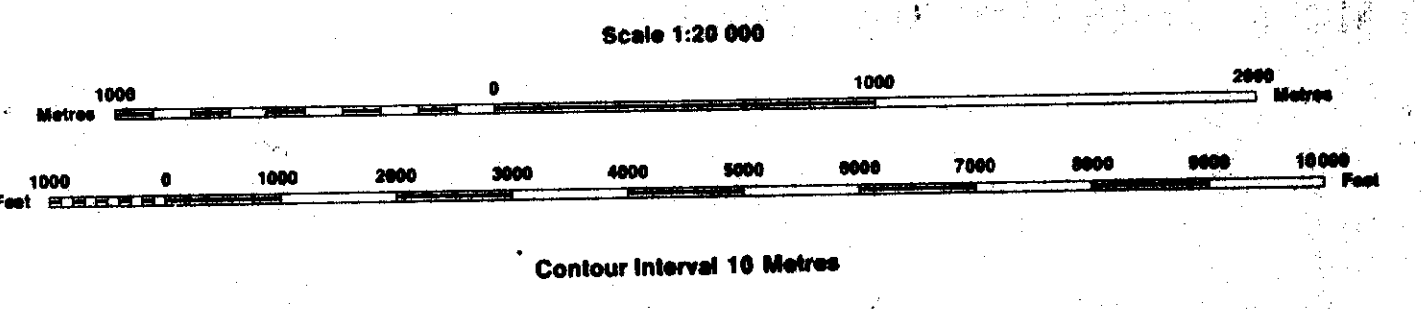




INDEX TO LAND DISPOSITION

PLAN G-3968 TOWNSHIP ROBB

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



SYMBOLS table with columns for Description, Order No., Date, Disposition, and File. Includes symbols for Boundary, Road allowance, Lot/Concession, Parcel, Right-of-way, Reservation, Contour, etc.

DISPOSITION OF CROWN LANDS

Disposition of Crown Lands table with columns for Disposition and Symbol. Includes Patent, Lease, Licence of Occupation, etc.

ISSUED OCT 7 1993 PORCUPINE MINING DIVISION

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED...

ACTIVATED AUGUST 15, 1992 BY D.C. CHECKED BY G.W. Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources. The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

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

F - THIS TWP SUBJECT TO FOREST ACTIVITY IN 1992 -93 FURTHER INFORMATION AVAILABLE ON FILE.

F2 THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1993/94 FURTHER INFORMATION ON FILE.

R1 - MINING RIGHTS ONLY WITHDRAWN FROM PROSPECTING STAKING OUT, SALE OR LEASE UNDER SECTION 35 OF THE MINING ACT R.S.O. 1990 DATED 92-MAY-27 AT 12:03 P.M. E.S.T. ORDER NO. W4926/92 NER

R2 - AGGREGATE PERMIT - NOTICE RECEIVED JUNE 16, 1993

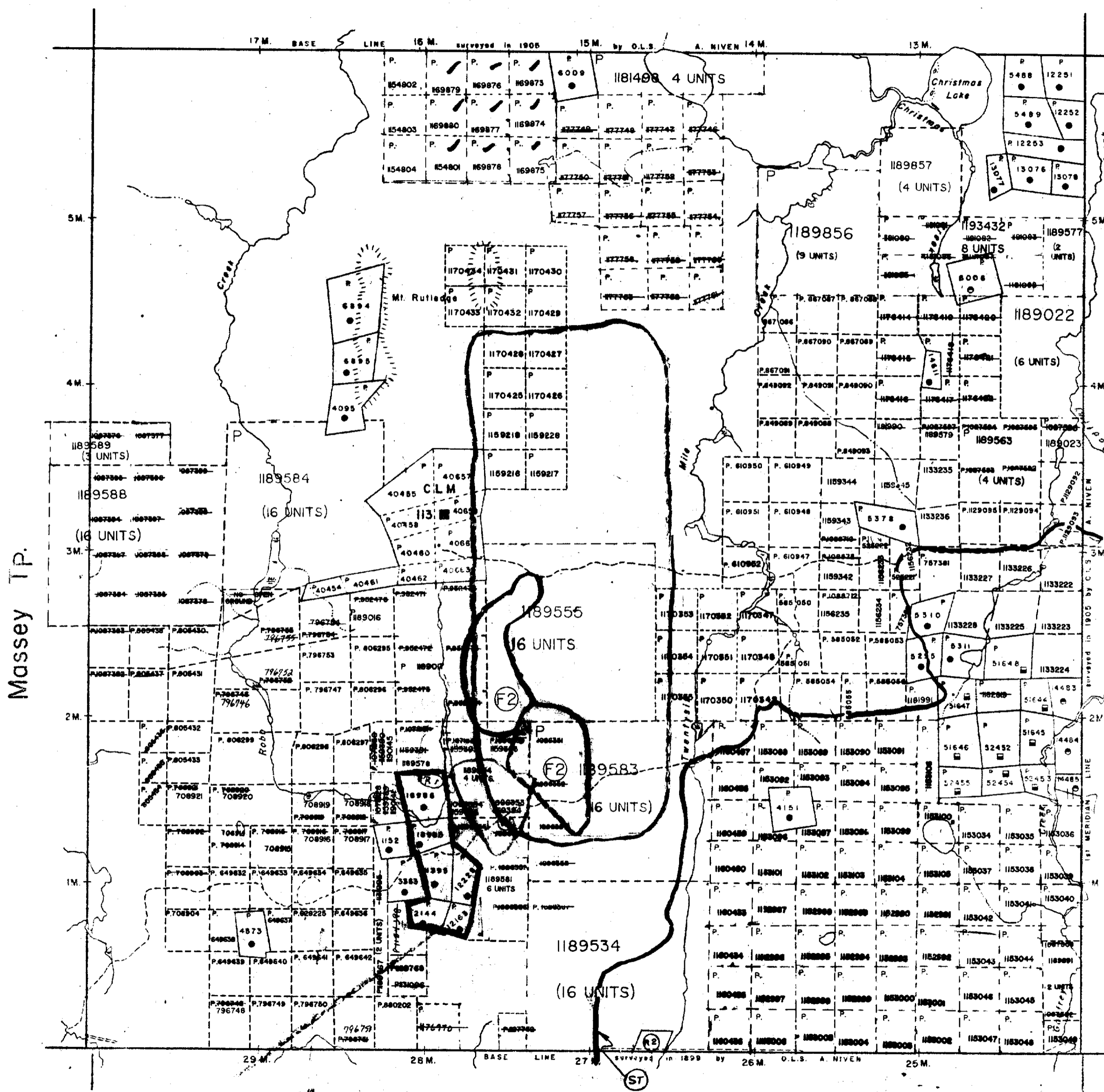
NOTES

THIS TOWNSHIP LIES WITHIN THE MUNICIPALITY OF THE CITY OF TIMMINS.

ST - PROPOSED SNOWMOBILE TRAIL NOTICE REC'D 93-MAY-20

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.

Robb TP



See Mining Recorder - Carscallen Tp. Lands Not Open

LEGEND

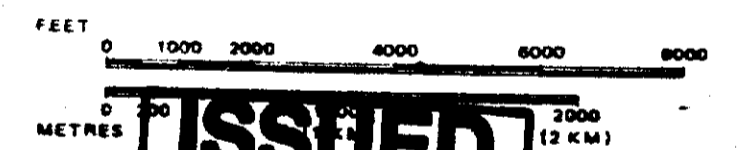
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES: TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES: LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH/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 8 1912 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 390, SEC. 63, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS



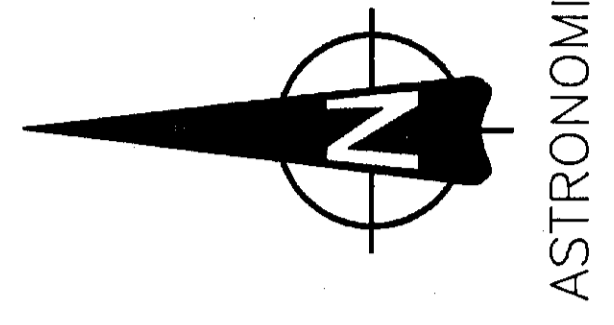
ISSUED
OCT 7 1985
PORCUPINE MINING DIVISION

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

Ministry of Land Management
Natural Resources Branch
Ontario

Date MARCH, 1985 Number
ACTIVATED JANUARY 30, 1990 28 **G-3250**





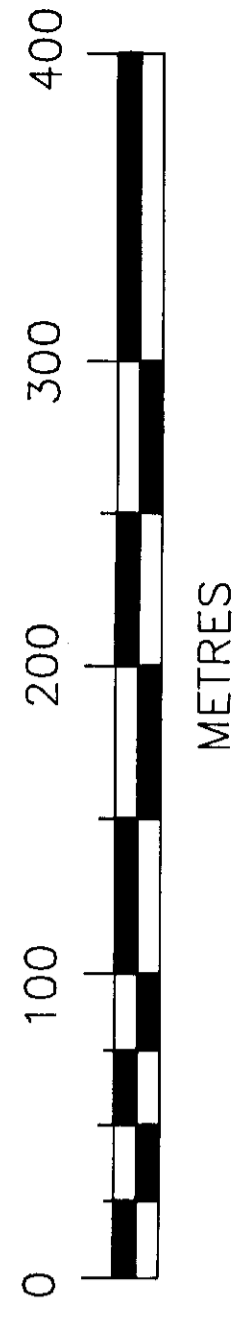
ROBB TWP. (M309)
TURNBULL TWP. (C-3250)

PATENTED CLAIM 6010

PATENTED CLAIM 6009

LEGEND

INSTRUMENT: Barringer Research Model GM-122
PARAMETERS MEASURED: EARTH'S TOTAL MAGNETIC FIELD (NANO-TESLAS)
READING INTERVAL: 25 METERS
CONTOUR INTERVAL: 25 NANO-TESLAS
JOURNAL CORRECTION METHOD: BASE STATION LOOPING
DATUM SUBTRACTED FROM ALL PLOTTED READINGS: 58000 nT.



ROUSSEAU CLAIM GROUP
TURNBULL AND ROBB TOWNSHIPS

LINE CUTTING & 2.1517 4
MAGNETOMETER SURVEY

Drawn: P.C.W.	Revised:
Date: SEPT., 1993	N.T.S.
Province: ONT	Drawing: TURNMAG
Scale: 1:2 500	

BY ADIAMANTINE ENTERPRISE
BOX 1232, SCHUMACHER, ONT.
S.C. Chartier

