



41010NE9213 2.15057 GREENLAW

010

MINISTRY OF NORTHERN DEVELOPMENT AND MINES

ASSESSMENT REPORT

RIDEOUT EAST PROPERTY

GREENLAW TOWNSHIP

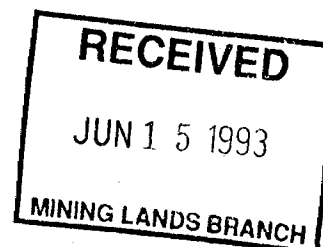
NTS 41 O/10

47 43'N LATITUDE  
82 48'W LONGITUDE

**2.15057**

BARRY MCDONOUGH  
JUNE 8, 1993

*Qual.  
2.14652.*



#### SUMMARY

This report outlines the geophysical exploration program done on a group of claims in Greenlaw and Cunningham Townships of the Porcupine Mining Division (NTS Reference 41 O/10) at 47 43'N latitude, 82 48'W longitude and is being submitted to the Ministry of Northern Development and Mines for assessment credits on unpatented claims as required under the Ontario Mining Act.

The area discussed in this submission consists fifty-seven unpatented claims stretching from the eastern extent of Ridout Lake to Hotstone Lake held by Kervin McDonough, prospector, of 24 Greenmeadow Court, St. Catharines, Ontario.

The purpose of the program for the 1993 season was to complete the geophysical investigation started in 1992 and hindered by mechanical failure to one of the EM units.

A number of geophysical conductors were encountered, the majority of which displayed the same trend as the Gold Island Shear.

Recommendations are made for follow-up work.



41010NE9213 2.15057 GREENLAW

010C

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Map 1 - Claim Map

Map 2 - VLF Survey - Ridout East Grid

## 1.0 INTRODUCTION

This report outlines the geophysical exploration program done on a group of claims in Greenlaw and Cunningham Townships of the Porcupine Mining Division (NTS Reference 41 O/10) at 47 43'N latitude, 82 48'W longitude. This report is being submitted to the Ministry of Northern Development and Mines for assessment credits on unpatented claims as required under the Ontario Mining Act.

The area discussed in this submission consists fifty-seven unpatented claims stretching from the eastern extent of Ridout Lake to Hotstone Lake (designated Ridout East). Eleven unpatented claims that are part of the Ridout East block are held 50% by Kervin McDonough, prospector, of 24 Greenmeadow Court, St. Catharines, Ontario and 50% by the author (Barry McDonough, 24 Greenmeadow Court, St. Catharines, Ontario). All the claims included in this submission are presently in good standing. (Please see Appendix A).

Exploration has been concerned with the discovery of a precious metal (Gold) ore body, but the potential for base metals exists in the area. The initial aim of this program was to follow up work performed during the 1992 season. The 1992 exploration program consisted of geological and geophysical surveys over the entire property, the results of which were filed for assessment credits in May 1993. At the time of the execution of the 1992 geophysical program a mechanical breakdown in a VLF unit prevented the completion of the electromagnetic survey. The 1993 program, conducted between May 18, 1993 and May 21, 1993 by

the author undertook to complete the survey.

## 2.0 PURPOSE OF PROGRAM

The 1992 geophysical program was undertaken in the March 1992 to take advantage of ice conditions on Ridout Lake.

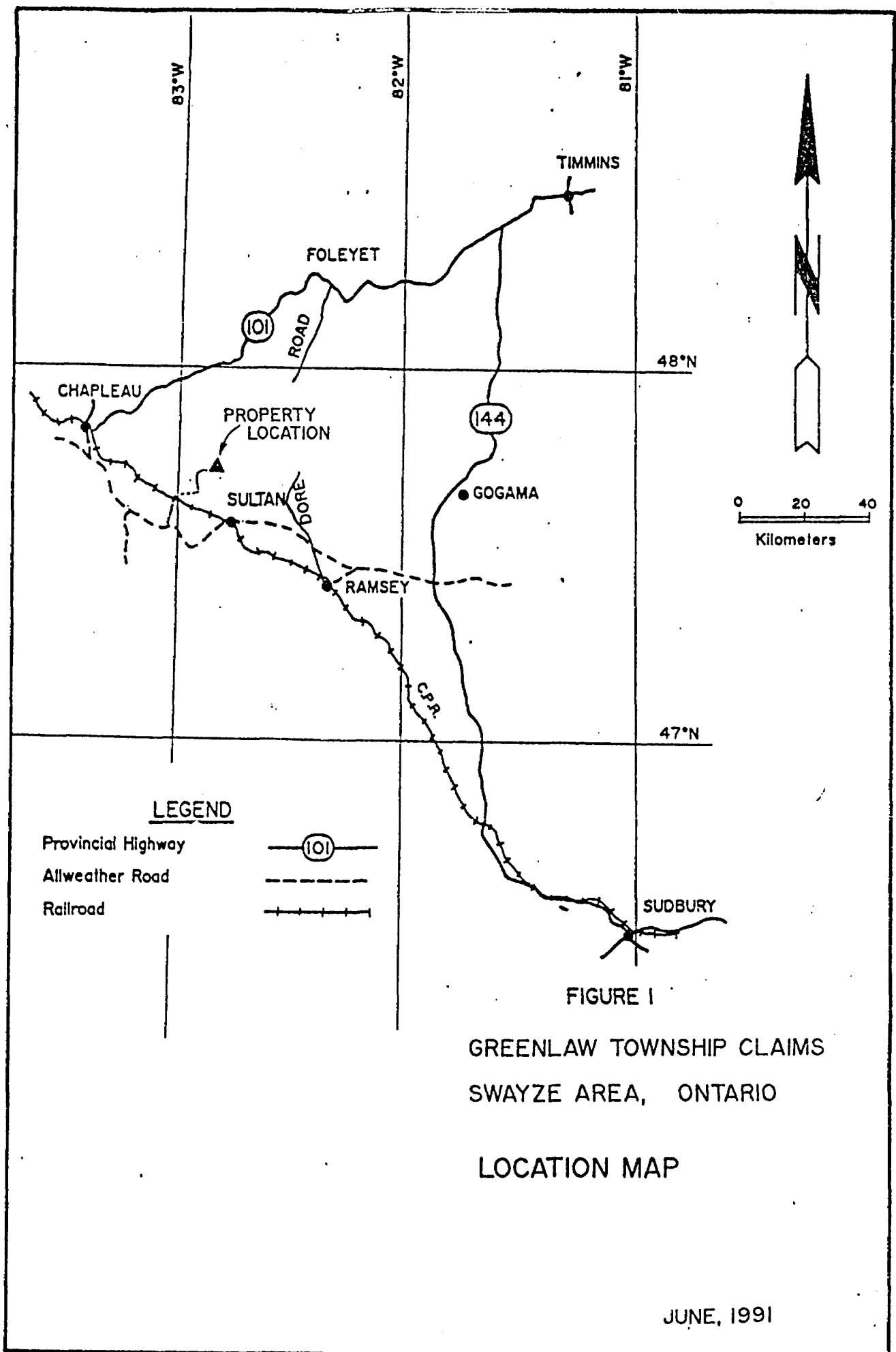
The main goal of this survey was to establish a geophysical signature relating to the Gold Island Shear and to develop targets suitable for diamond drilling. The 1992 summer program had the same purpose except it attempted to locate the signature on the north and south shores of the Ridout Lake. The 1993 survey is a completion of the 1992 VLF survey.

Ultimately it was hoped that, by geophysical methods, an ore body could be established.

## 3.0 PROPERTY HISTORY

In January 1990 the original six claim block known as Hotstone West was staked (Figure 2). In June 1990 eleven additional claims were staked on Ridout Lake. An OPAP grant was received from the Ministry of Northern Development and Mines and later an agreement was entered into with Corona Corporation of Toronto. As a part of this agreement Corona staked forty-six claims contiguous to the original eleven on Ridout Lake. This block of fifty-seven claims was designated Ridout East (Figure 2). This agreement was later terminated when Corona divested itself of its exploration interests in Canada. At that time all interest in the claims were transferred to Mr. McDonough.

In March 1991 a fifty percent interest in the original eleven Ridout East claims were transferred to the author with the



LEGEND



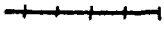
- Provincial Highway      
- Allweather Road        
- Railroad                 

FIGURE I

GREENLAW TOWNSHIP CLAIMS  
 SWAYZE AREA, ONTARIO  
 LOCATION MAP

JUNE, 1991

purpose of applying for a second OPAP grant. In May of 1991 an option agreement was entered into with Consolidated Rhodes Resources of Vancouver. This agreement was terminated October 17, 1991. All interest in the ground is still held by Mr. McDonough save the eleven claims which are owned in 50% partnership with the author.

The status of exploration must still be classified as preliminary.

Please refer to Appendix B for further information regarding past work done in this area.

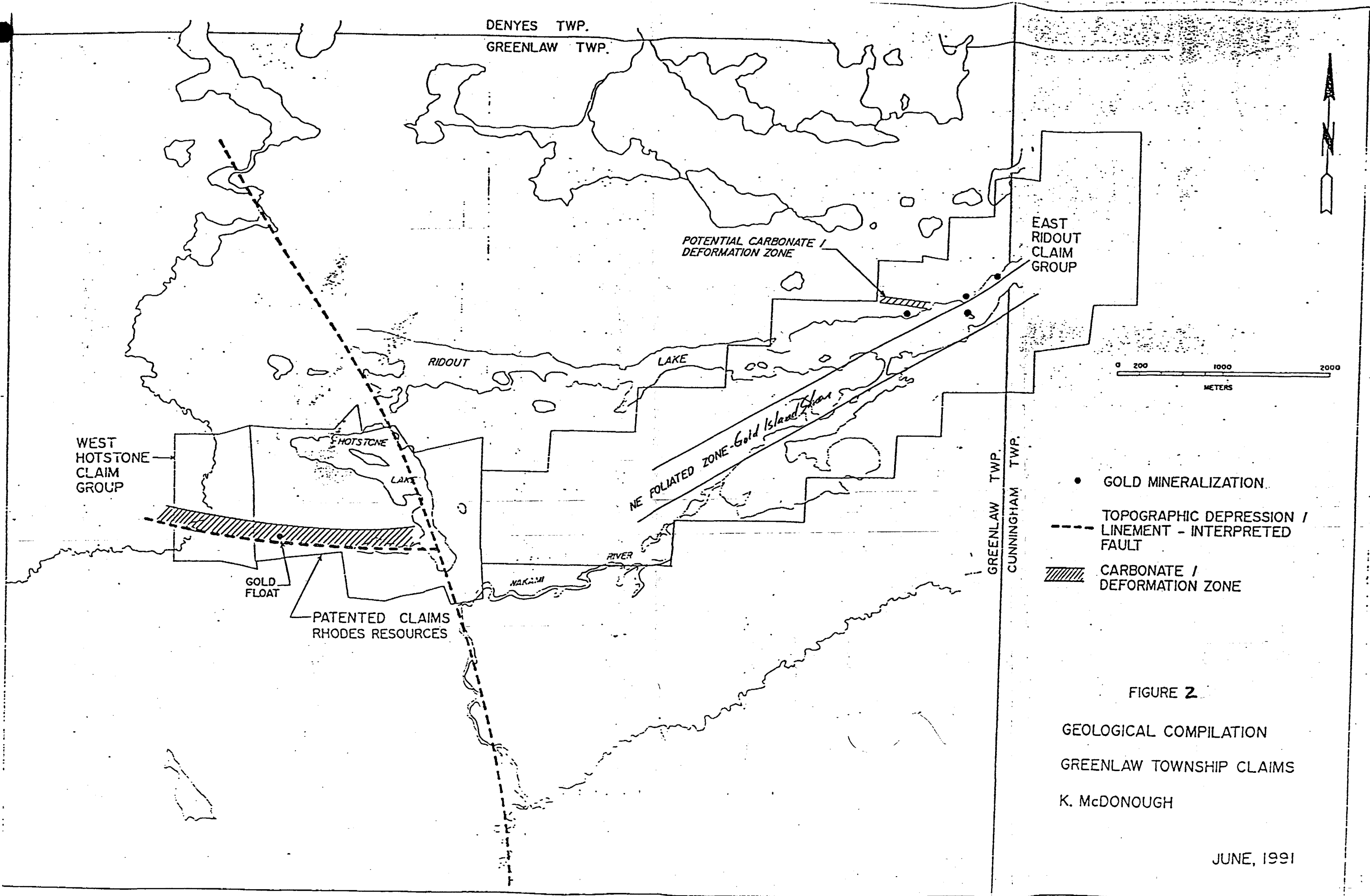
#### 4.0 LOCATION AND ACCESS

The property is located within Greenlaw and Cunningham Townships which is a part of the Porcupine Mining Division. Situated fifty miles east of Chapleau, Ontario the property is accessible by four-wheel drive vehicle (Figure 1). The claim block is accessible by canoe along the Wakami River or from a portage on the northeast edge of Hotstone Lake. Logging activity in the immediate area will increase access substantially in the future. Air Service is available year-round (both fixed and rotary wing) from Timmins. Seasonal bases are in operation from Chapleau and Foleyet during the summer months.

#### 5.0 GENERAL GEOLOGY

The property is characterized by east-west trending intermediate to mafic volcanic flows and tuffs interbedded with sediments, chert and iron formation. The sediments include finely laminated argillite (some units containing thinly banded





- GOLD MINERALIZATION
- TOPOGRAPHIC DEPRESSION / LINEMENT - INTERPRETED FAULT
- ▨ CARBONATE / DEFORMATION ZONE

FIGURE 2  
 GEOLOGICAL COMPILATION  
 GREENLAW TOWNSHIP CLAIMS  
 K. McDONOUGH

JUNE, 1991

ankerite), greywackes and conglomerate.

Strata generally strikes 080 to 090 degrees and dips vary from moderate to steeply north to steeply south.

Structure plays a significant role in any mineralization. A number of structural elements are at play on this property. The most prominent is the Ridout Lake Shear Zone which trends 090 degrees. Extensively investigated in the past it has yielded few encouraging results.

Of particular interest is the Gold Island Shear, bearing 065 degrees. It intersects the Ridout Lake Shear obliquely. At this junction significant gold values were obtained. Until this time little work has been done along this trend. Additional claims were staked by Corona to fully cover this structure. The eleven claims whose interest was transferred from Mr. McDonough encompasses Gold Island.

Another structure of interest is the Engineer Lake Fault which trends approximately 350 degrees and truncates not only the Ridout Lake Shear but all other structures as well. This fault runs subparallel to the Wakami River Fault which cuts the Hotstone Lake Carbonate Zone and displaces it some 1700 metres. The amount of movement along the Engineer Lake Fault is presently unknown. This structure inhabits to far eastern extent of the eleven claims and carries over to Mr. McDonough's ground to the east.

Chloritization is the most prevalent form of alteration in the area. Sericitization and carbonitization are abundant as

well. Silicification has been noted in several local areas.

#### 6.0 WORK DONE

The primary focus of the program was to complete the geophysical survey program started in the spring of 1992. The original winter VLF survey was successful in identifying a geophysical signature which coincided with the general trend of the Gold Island Shear. The results of this survey were filed for assessment credits in May, 1993.

Subsequently the grid was extended into the bush along the north and south shores of Ridout Lake. The grid was cut by Gabriel Sutherland from Timmins, Ontario between June 3 and June 15, 1992 with the assistance of the author. The grid covered a total of 13.8 kilometres on the property.

The 1992 summer program consisted of extending both the magnetometer and VLF surveys across this new grid. The magnetometer survey was conducted between June 12 and June 15, 1992. Due to the problems encountered with the VLF unit only the magnetometer survey was done.

The 1993 program was conducted between May 18 and May 21, 1993 by the author using a Crone RADEM-VLF unit using the Cutler Maine frequency (Please see Instruments and Methods).

#### 7.0 INSTRUMENTS AND METHODS

The instrument used in the 1993 survey was the Crone RADEM-VLF. The RADEM VLF measures field strength with an accuracy of 1%. The survey utilized the NAA (Cutler, Maine) frequency of 24.0kHz.

An area was designated as a base station and the unit was zeroed. Grid lines were done in loops and at the end of each days' surveying another reading was taken at the base station so any drift corrections could be made.

The resulting maps were produced using the facilities of Noranda Exploration in Timmins with the assistance of Mr. Wayne Corstorphine. Drift corrections were done automatically by Noranda's geophysical program. A great deal of support and technical assistance was provided by Noranda Exploration Company, Limited of Timmins, Ontario. Mr. John Wakeford, area manager, and Mr. Wayne Corstorphine, project geologist were instrumental in allowing the author access to their equipment and technical facilities.

#### 8.0 RESULTS TO DATE

To date, several small gold occurrences have been encountered in quartz veins along the Gold Island Shear or subparallel lineaments.

An assay of 0.455 ounce per ton Au was discovered as well as assays of 0.267 and 0.032 ounce per ton Au in an adjacent schist. They were followed up with a small blasting program in 1991 and values ranging up to 0.67 ounces per ton Au were encountered.

Corona cut a 3.5 kilometre baseline along this shear on the mainland on the south shore of Rideout Lake. Only superficially investigated at this point values returned have been disappointing.

Anomalous gold values of 0.11, 0.061 and 0.046 ounce per ton

Au were encountered on the north shore of Ridout along what is believed to be a structure parallel to the Gold Island Shear. Work done in the summer of 1991 established a bulldozer road north of Ridout and a number of trenches were dug along it. Limited sampling has returned a high value of 189 ppb Au.

#### 9.0 RESULTS OF PROGRAM

A number of isolated cross-overs were discovered during the survey but conductors extending across a number of lines was also encountered. The locations of these conductors may be seen on the map accompanying this report. It is of interest to note that all conductors encountered, save for Conductor A, mimic the orientation of the Gold Island Shear. These conductors may in fact define a structural zone that has predated the major East-West regional structural trend and may, in fact, be related to a gold mineralization event. All conductors are interpreted below:

##### Conductor A

Located between L0+00 and L2+00 E, is a weak conductor with no associated magnetic expression. It coincides with a large swamp. Outcrop in the vicinity display traces to ten percent pyrite in hand specimen. The nature of the dip angle and field strength indicate a thinly banded zone of sulphides.

##### Conductor B

This conductor extends across the south end of the grid from L5+00 E to L13+00 E. There is no magnetic expression associated with this conductor. The geology of the area indicates a contact between an felsic intrusive and clastic sediments occurs in this

area. This is the likely source of this conductor.

#### Conductor C

This is a moderate conductor located between L13+00 E and L15+00 E on the north shore of Ridout and is associated with a magnetic high. The conductor approximates the contact between a highly sheared and altered ankerite schist and mafic volcanics. While no sulfides were noted in outcrop, the conductor is likely due to thinly banded sulphides and possibly a small, concordant, iron formation.

#### Conductor D

Located between L11+00 E and L13+00 E, Conductor D is actually two weak to moderate parallel conductors that have no magnetic expression. They are located within a package of mafic volcanics to mylonites. The high field strengths may indicate small bands of sulphides.

### 10.0 CONCLUSIONS

The 1992 winter magnetometer and VLF results indicate the gold bearing trend observed on Gold Island is not isolated and continues below the lake and may suggest an en echelon system. This conclusions has been borne out in the 1993 survey with most of the conductors observing the same trend. Only a diamond drilling program could properly assess the potential of these structures hosting auriferous quartz veins and the possibility of an ore body of economic grade.

### 11.0 RECOMMENDATIONS

Structurally complex, possessing local zones of known gold

mineralization and containing areas of pervasive silica and carbonate alteration, the Hotstone/Ridout region has abundant potential for hosting a gold deposit of economic value. In addition the presence of ultramafic volcanic rocks makes it a potential base metal target. Further exploration is warranted on the Ridout East property.

The following are suggested for future exploration:

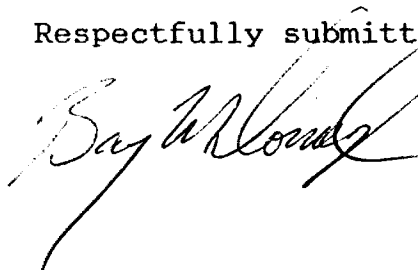
1. Surface prospecting of all conductors with the goal of discovering an explanation for the anomalies within the exposed rock.

2. A geochemical program over the existing cut grid. The 1992 geological survey conducted by Mr. Sawitzky of Norwin Geological Services, Sudbury, Ontario, recommended a number of areas of interest that should be given special attention. (Mr. Sawitzky's report was filed for assessment in May, 1993).

3. If sufficient funds are acquired, an Induced Polarization Survey should be completed over the grid to assess potential at depth.

4. A mechanical trenching program to follow up any anomalous values encountered.

Respectfully submitted,



Barry McDonough  
Geologist

APPENDIX A  
CLAIM NUMBERS



CLAIM NUMBERS-RIDEOUT EAST PROPERTY

P.1155697\*  
P.1155698\*  
P.1155699\*  
P.1155700\*  
P.1155701\*  
P.1155702\*  
P.1155703\*  
P.1155704\*  
P.1155705\*  
P.1155706\*  
P.1155707\*  
P.1155708\*  
P.1155709\*  
P.1155710\*  
P.1155711  
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P.1155738  
P.1155739  
P.1155740  
P.1155741  
P.1155742  
P.1155743

P.1155106+  
P.1155107+  
P.1155108+  
P.1155109+  
P.1155110+  
P.1155111+  
P.1155112+  
P.1155113+  
P.1155114+  
P.1155115+  
P.1155116+

\* Cunningham Township  
+ Ownership = 50% Kervin McDonough/  
50% Barry McDonough

APPENDIX B  
PREVIOUS WORK

Greenlaw Twp.

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																			
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY				
		Hotstone Minerals Ltd. T-2100								56 (Proposed)											
T. Cleonak Property T-2097									57												
Anacanda Co. Can. Ltd. T-2093		59											59								
Anacanda Co. Can. Ltd. T-2045		59			60								59								
Canadian Nickel Co. Ltd. T-2096					67																
Wm. Allen Property T-2092													71	71							
													<del>71</del>	<del>71</del>							

Greenlaw Twp

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
COMPANY/AUTHOR (file number)																			
None Exploration T-2098					71	71													
Broadscope Dev. Ltd. T-2095					72	72						72	72						
Canex Aerial Expln. T-2198	72											72	72						
Greenlaw Developments Ltd. T-2099							72					72	72 (VLF)						
<del>Union Minerals Expln.</del> <del>T-1732</del>																			
Granger Expln. AB. T-1774					77	77													
					78														
Granger Expln AB T-1773					77														

VLF = very low frequency Em.

Greenlaw Twp.

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY		
																	COMPANY/AUTHOR (file number)	
Grange Expln AB T-1997				77	77													
				80	80													
				81	81													
		85			85													
Hollinger Arquis Ltd. T-2484.				82														
Collingwood Energy Inc. T-2607.	83		83								83	83						
	84			84	84			84	84			(N.F)						
Dejour Mines T-2762	83	83									83	83						
Highland Crow Resources T-2493. (aka Quaker.)		82			82													
	83		83								83							
			84	85-84				84-85	84-85						84			
			86*					85	85									
			87						(N.F)									

\*overburden (RC) drilling

Greenlaw Twp.

TYPE OF WORK

Numbers below represent the year in which the work was done; e.g., 68 for 1968.

EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
Kidd Creek Mine Ltd. T-2512	82- 83										82 83- 84	82 83- 84		EM + VLF					
Noranda Expln. T-2823				83	83						84	84 (VLF)							
Kirkland Psv - Noranda Expln. T-2853				85							83- 84	83- 84 (VLF)							
J. Larche Property T-2876								84	84 (EM + VLF)										
Noranda Expln. T-2782	83										83	83 (HLEM)							
Noranda Expln. T-2854				85							84	84 (VLF + HLEM)							

HLEM = horizontal loop EM.

Greenlaw Twp.

## TYPE OF WORK

Numbers below represent the year in which the work was done; e.g., 68 for 1968.

EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
Regal Petroleum Ltd. T-2878	84				84			84	84										
Folkstone Resources Ltd. T-2656	85	85			85						84- 85	84- 85 (NLE)		84- 85					
Grayhawk Resources. T-3041	85	85																	
Patric/Tremblay Property T-3318	89	89			89			89	89 (NLE)										
M. Tremblay Property T-3312											89								
K. McDoough prop. T-3415	90- 91 92		90 91		90 91														





BIBLIOGRAPHY

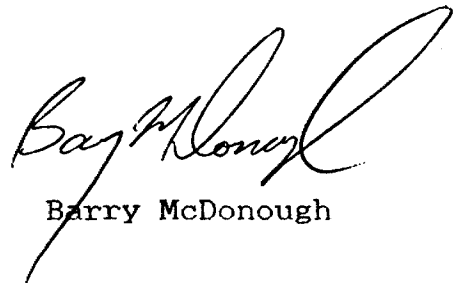
Sawitzky, E. G.. Geological Report On The Ridout Lake  
Property For Kervin McDonough. 1993

CERTIFICATE OF QUALIFICATION

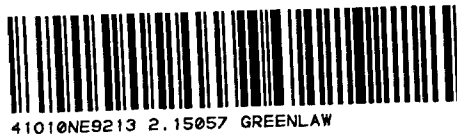
I, Barry McDonough reside at 24 Greenmeadow Court, in the city of St. Catharines, Ontario, L2N 6Y8.

I have been practising my profession for seven years and am a graduate of McMaster University B.Sc (1986) in Geology. I am a fellow of the Geological Association of Canada.

I am the owner of 50% interest in eleven claims covered in this report. The report is based on work personally performed or directly supervised by myself or my father, K. J. McDonough. Mr. McDonough owns 100% of all claims covered in this report save for the above mention eleven claims for which he holds the remaining 50% interest.



Barry McDonough



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

September 21, 1993

Our File: 2.15057  
Transaction #: W9360.00118

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

Dear Sir/Madam:

**Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS  
P1155106 ET AL IN GREENLAW & CUNNINGHAM TOWNSHIPS**

The assessment work credits for Geophysics, Section 14 of the Mining Act Regulations, have been approved as outlined on the original submission.

The approval date is August 31, 1993.

If you have any questions regarding this correspondence, 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

*A* LJ/dm

cc: Resident Geologist  
Timmins, Ontario

Assessment Files Library ✓  
Toronto, Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number  
419360.00118

2.15057

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.

Recorded Holder(s) KERVIN McDONOUGH / BARRY McDONOUGH		Client No. 167370/167387
Address 24 GREENMEADOW COURT, ST. CATHARINES, ONT		Telephone No. 416-937-5073
Mining Division PORCUPINE	Township/Area GREENLAW / CUNNINGHAM	M or G Plan No.
Date Work Performed	From: MAY 18, 1993	To: MAY 21, 1993

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	VLF Survey
<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  
JUN 15 1993  
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ 2168.00

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
BARRY McDONOUGH	24 Greenmeadow Court St. Catharines, Ontario L2N 6Y8

RECORDED  
JUN 10 1993  
Receipt \_\_\_\_\_

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 June 9, 1993	Recorded Holder or Agent (Signature) K.J. McDonough
----------------------	--

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  
KERVIN McDONOUGH, 24 Greenmeadow Court, St. Catharines, Ont L2N 6Y8

Telephone No. (416) 937-5073	Date June 9, 1993	Certified By (Signature) K.J. McDonough
---------------------------------	----------------------	--

Recorder or Office Use Only

Total Value Cr. Recorded \$2,168	Date Recorded JUNE 10/93	Mining Recorder White	RECEIVED JUN 10 1993
	Deemed Approval Date SEPT. 8/93	Date Approved	
	Date Notice for Amendments Sent		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
1155106	→	1
1155107	→	1
1155108	→	1
1155109	→	1
1155110	→	1
1155116	→	1
1155699	→	1
1155700	→	1
1155703	→	1
1155704	→	1
1155705	→	1
1155708	→	1
1155709	→	1
1155710	→	1
1155712	→	1
1155713	→	1
1155711	→	1
17		
Total Number of Claims		

Value of Assessment Work Done on this Claim	Value Applied to this Claim
135	135
136	136
135	135
136	136
135	135
136	136
135	N.I
136	N.I
135	N.I
136	135
135	136
136	135
135	136
136	135
135	136
136	135
135	136
136	135
N.I	400
2168	2162
Total Value Work Done	Total Value Work Applied

Value Assigned from this Claim	Reserve Work to be Claimed at a Future Date
135	
136	
135	6
400	6
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.	Date
Signature	



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

W9360.00118

2.15057.

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 VLF Survey		
	13.8 kms @ \$125/km	1725	1725
Supplies Used Fournitures utilisées	Type Oil, fly dope, etc.	40.76	
	Propane	41.00	
			82
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			1807

**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 Mileage		
	2000 kms @ .30/km	600.00	
			600.00
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			600.00
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			120.00
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)			1927
Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			1927

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

to make this certification

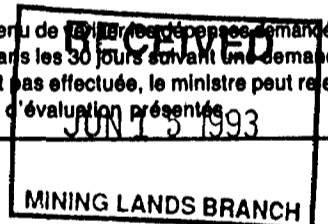
**Attestation de l'état des coûts**

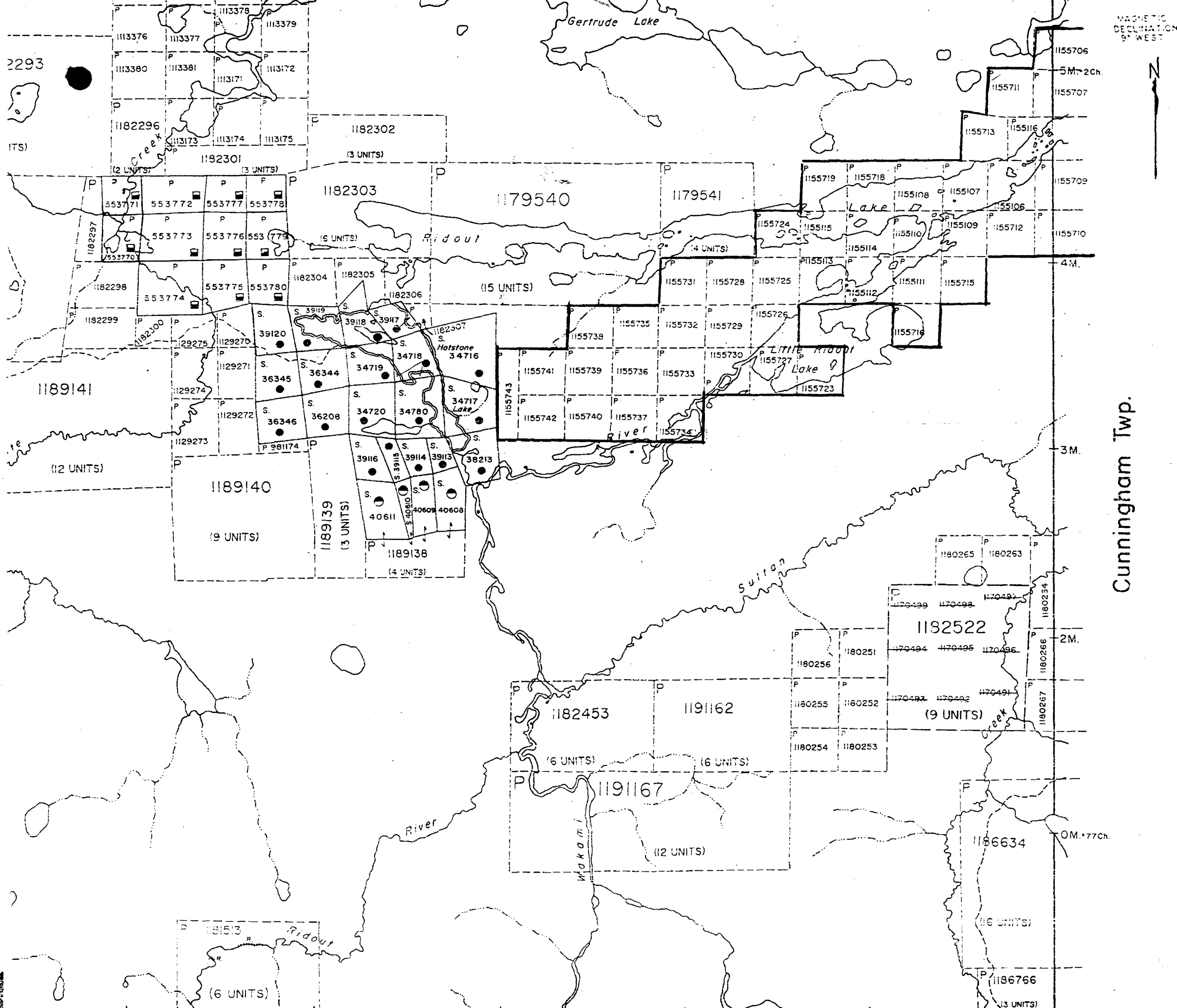
J'atteste par la présente: que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

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

à faire cette attestation.

Signature: [Signature] Date: June 9, 1993





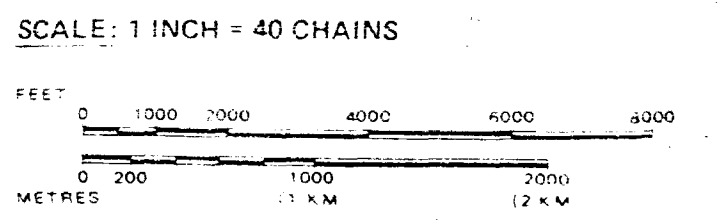
MAGNETIC DECLINATION 9° WEST

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 5, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1

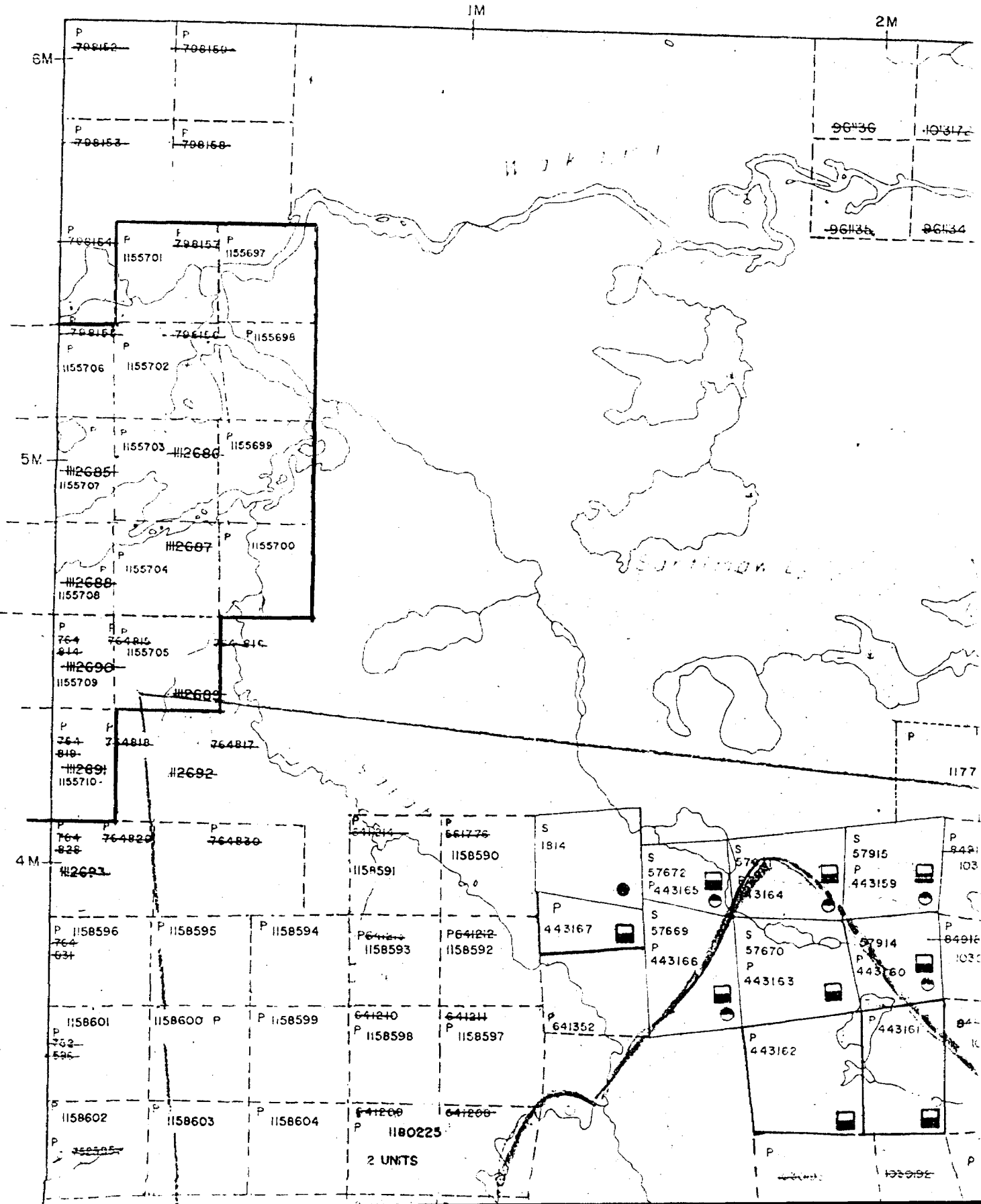


**2.15057**

TOWNSHIP  
**GREENLAW**  
 M.N.R. ADMINISTRATIVE DISTRICT  
**CHAPLEAU**  
 MINING DIVISION  
**PORCUPINE**  
 LAND TITLES / REGISTRY DIVISION  
**SUDBURY**

# CUNNINGHAM TWO

SCALE 1 INCH = 20 CHAINS.



D.



C-1092

WWT MAHINIINUU

202

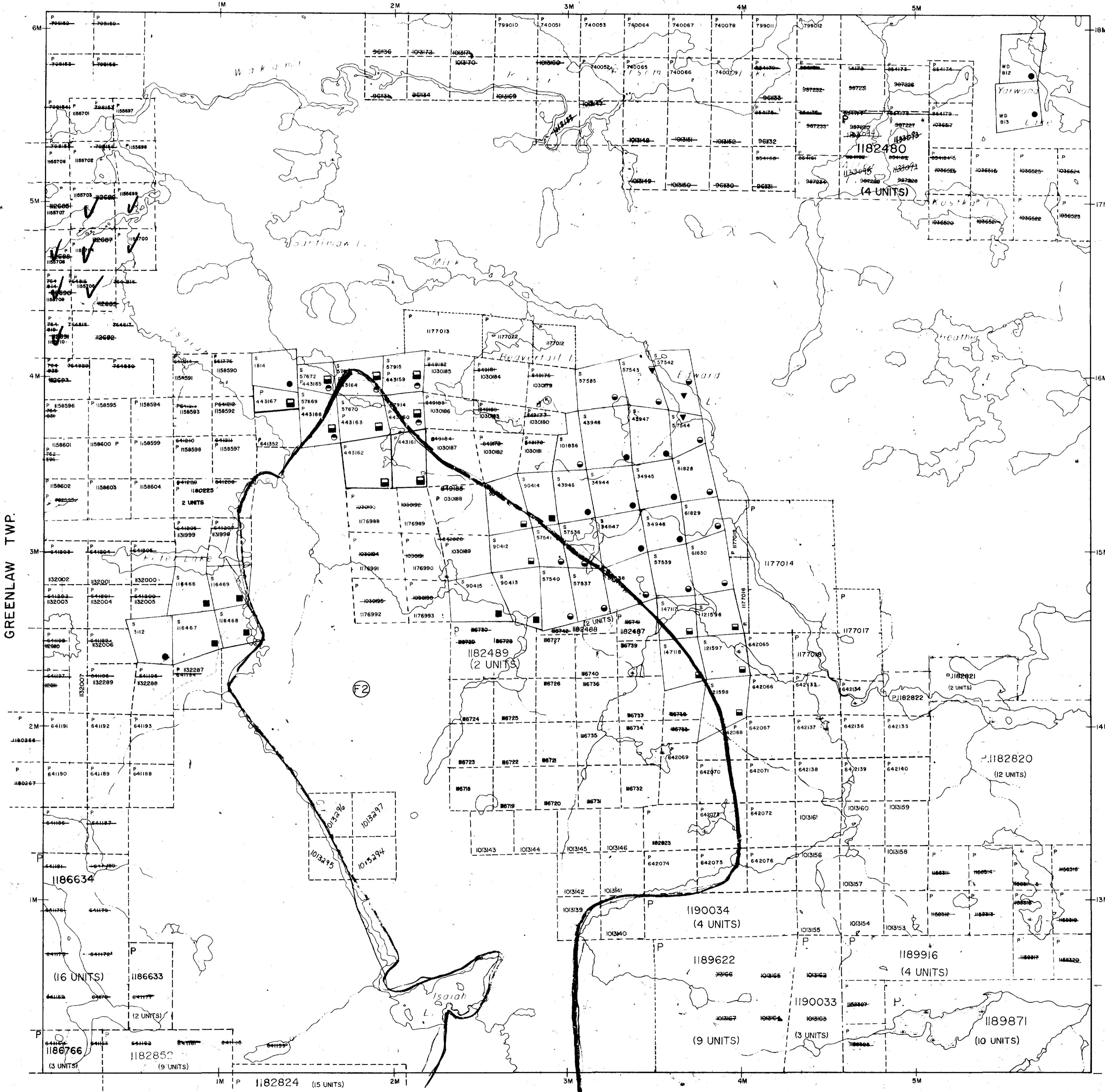
AREAS WITHDRAWN FROM DISPOSITION

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

Description Order No. Date Disposition File

☐ CROWN RESERVE

SWAYZE TWP.



BLAMEY TWP.

**LEGEND**

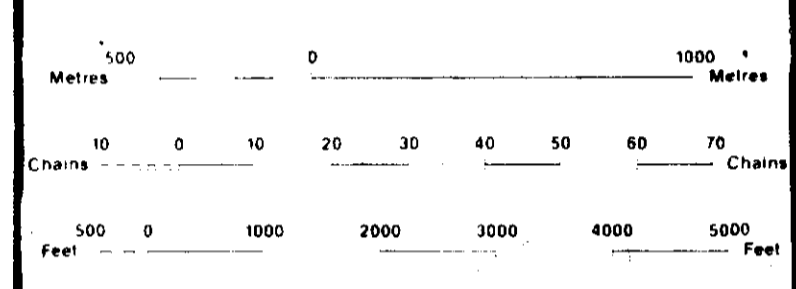
- HIGHWAY AND ROUTE NO.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIP, BASE LINES ETC.
- LOTS, MINING CLAIMS, PARCELS ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NATURAL PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMBINATION
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKIEG
- MINES
- TRAVERSE MONUMENT

RECEIVED JUN 15 1993 MINING LANDS BRANCH

**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 1913 VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT R.S.O. 1970 CHAP. 380 SEC. 63 SUBSEC. 1



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

RECEIVED JUN 15 1993 MINING LANDS BRANCH

RECEIVED JUN 14 1993

TOWNSHIP

**CUNNINGHAM 2.**

M.N.R. ADMINISTRATIVE DISTRICT

CHAPLEAU

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUBSURY

Received Sept 15/96

Ministry of Natural Resources Ontario

Ministry of Northern Development and Mines

011 AUGUST, 1986

Number

**G-1095**

OK - April Sept 87/86

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.



C-1092

WWT MAHINIINUU

202

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

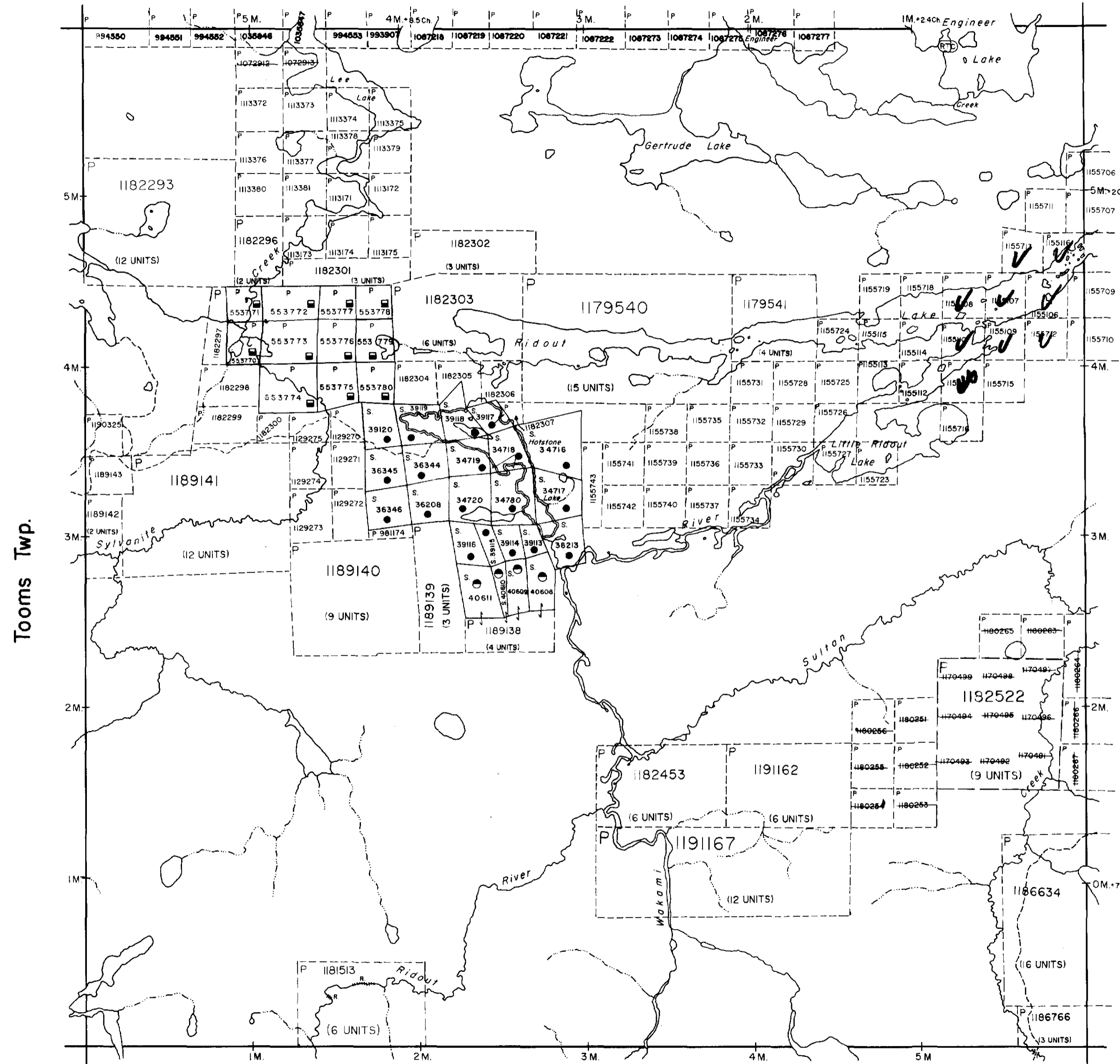
- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

Description Order No. Date Disposition File

(RT) - REMOTE TOURIST CAMP

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 LAND.

Denyes Twp.



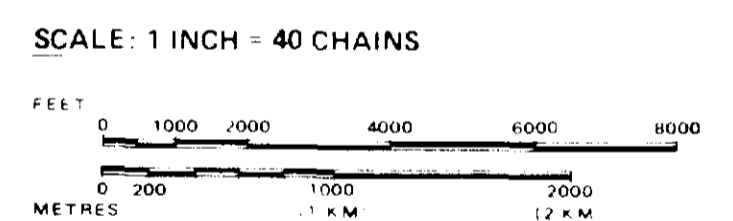
LEGEND

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

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	◼
" MINING RIGHTS ONLY	◑
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	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. 1910, CHAP. 380, SEC. 63, SUBSEC. 1.



2 15052

RECEIVED JUN 15 1993 MINING LANDS BRANCH

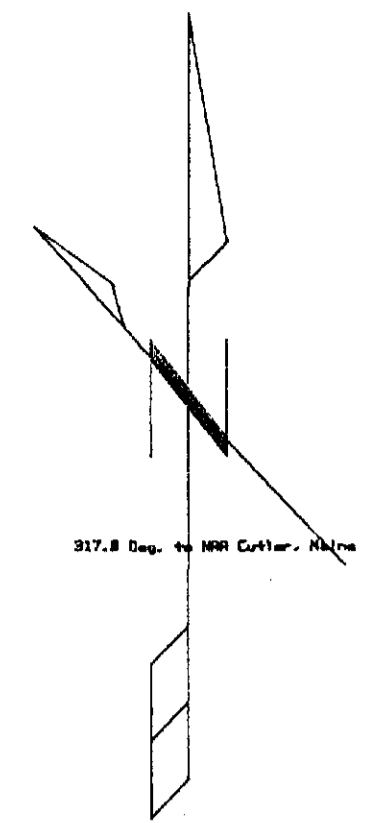
TOWNSHIP GREENLAW RECEIVED JUN 14 1985

M.N.R. ADMINISTRATIVE DISTRICT CHAPLEAU MINING DIVISION PORCUPINE LAND TITLES / REGISTRY DIVISION SUDBURY

Ministry of Natural Resources Ontario / Ministry of Northern Development and Mines

Date: MARCH, 1985 Number: G-3235





Instrument : CRONE VLF

Tx Location : NFA Cutler, Maine

Contour Interval :

**2.150571**

100m 50m 2m 100m 200m

**RIDOUT EAST**

**VLF-EM SURVEY**

PROJECT : RIDOUT      PROJECT # :

BASELINE AZIMUTH : 65 Deg.

---

SCALE = 1: 5000      DATE : 5/28/93

SURVEY BY : BMCD      NTS : 41 0/10

FILE: VRID      FREQ.: 24.0 KHz.

KERVIN MCDONOUGH

