



31M04SW0156 2 16582 STRATHY

010

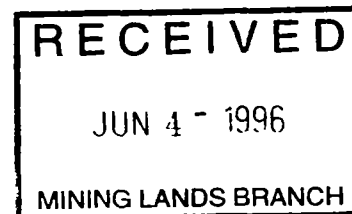
**MAGNETOMETER SURVEY  
ARSENIC LAKE PROPERTY**

**Strathy Township  
David Laronde**

April 1996

Quil # 2.8343

**2.165 8 2**



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010C

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Magnetometer contour map with posting

**1.0 INTRODUCTION:**

In April of 1996, a program of linecutting and geophysical surveys was carried out on the Arsenic Lake Property held by David Laronde P.O. Box 482, Lakeshore Drive, Temagami, Ontario POH 2H0. The work was supervised by David Laronde, P.O. Box 482, Temagami, Ontario POH 2H0 and was executed and reported on by Meegwich Inc. (David Laronde) of 407 Lakeshore Drive, P.O. Box 482, Temagami, Ontario POH 2H0.

A total of 2.7 km of linecutting was done using a 300 metre long baseline and tieline running at an azimuth of 090 degrees for control. The entire grid was surveyed for magnetics.

**2.0 PROPERTY:**

The property consists of 2 contiguous claims in Strathy Twp. numbered 1165530 and 1118473. The total area of the property is approximately 22 hectares.

### **3.0 LOCATION AND ACCESS:**

The property is situated on Arsenic Lake, one mile north of the town of Temagami, Ontario, which is 100 km north of North Bay. The property can be easily accessed from Highway #11 via a 400 metre long gravel road connecting with Arsenic Lake.

### **4.0 MAGNETOMETER SURVEY:**

A total of 2.1 km was surveyed (170 readings) at 12.5 meter stations on lines spaced at 50 meters. The sensor was mounted on a 7 ft. aluminum staff to ensure a constant elevation throughout the survey.

**4.1 Instrumentation:** EDA Omni magnetometers were used for the survey. A base station was set up to monitor and correct for the diurnal variation during the course of the survey. These instruments are micro-processor based and measure the earth's total magnetic field to an accuracy of one-tenth of a gamma.

**4.2 Survey Results:** The results are presented on contoured plans at 1:2500 scale.

Generally speaking, the magnetics show a consistent background of about 57,900 with a magnetic high trending east-west in the north half of the grid. This high has irregular boundaries with pinching out on L 300 W at 075 S and on L 150 W at 50 S. Magnetic values associated with this high range from 58,000 up to 59,300 gammas. The response continues off the grid in both directions.

Another notable high trends east-west as well on L 300 W and 350 W at 200 S. Low values are prominent in the south section of the grid. Values range as low as 57674 gammas. An east-west trend can be seen with the lows.

## **5.0 GEOLOGY :**

The property is underlain by mafic to intermediate metavolcanics which forms a pie-shaped package of rocks bounded by the Net Lake Deformation Zone to the northwest and the Link Lake Deformation Zone to the south. A former gold producer, the Penrose Mine is located about 600 meters to the east of the property. Evidence of the Late Precambrian diabase dike swarm is noted only 500 meters to the northeast of the claims.


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**6.0 Conclusions and Recommendation:**

In conclusion, the background values likely reflect the mafic to intermediate metavolcanics already mapped in the area. The magnetic high takes on the shape of a diabase dike that was not previously mapped due to the lake coverage on the claims. Low values near the southern end of the gridded area may represent part of an east-west trending shear zone or "break".

A program of geological mapping is warranted on this property followed by a VLF-EM survey to map any shears or breaks. Historically shear zones in the area have been known to carry ore grade gold values. Detected zones should be drilled.

Respectfully submitted,



David Laronde  
Geology Engineering Technologist

**References**

- 1969 Ontario Department of Mines - Geology of Chambers and  
Strathy Townships - Map 2323

**CERTIFICATE OF AUTHOR**

I, David Laronde of the town of Temagami, Ontario hereby certify:

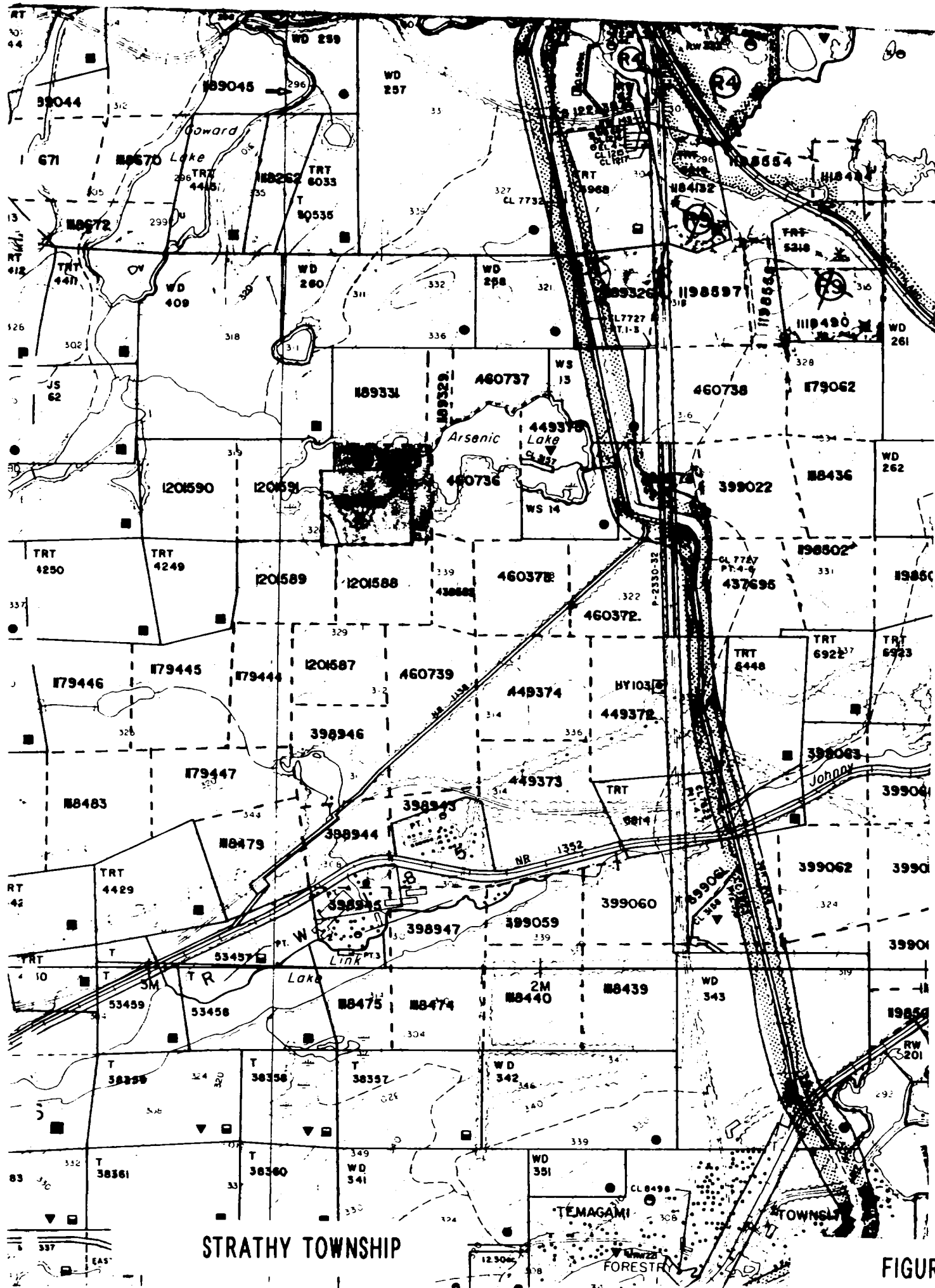
1. That I am a consulting technologist and have been engaged in my profession for the past 16 years.
2. That I am a graduate of Cambrian College in Sudbury with a diploma in Geology Engineering Technology 1979.
3. That my knowledge of the property described herein was acquired by field work and documentation.

Dated at Temagami this 12th day of April 1996.



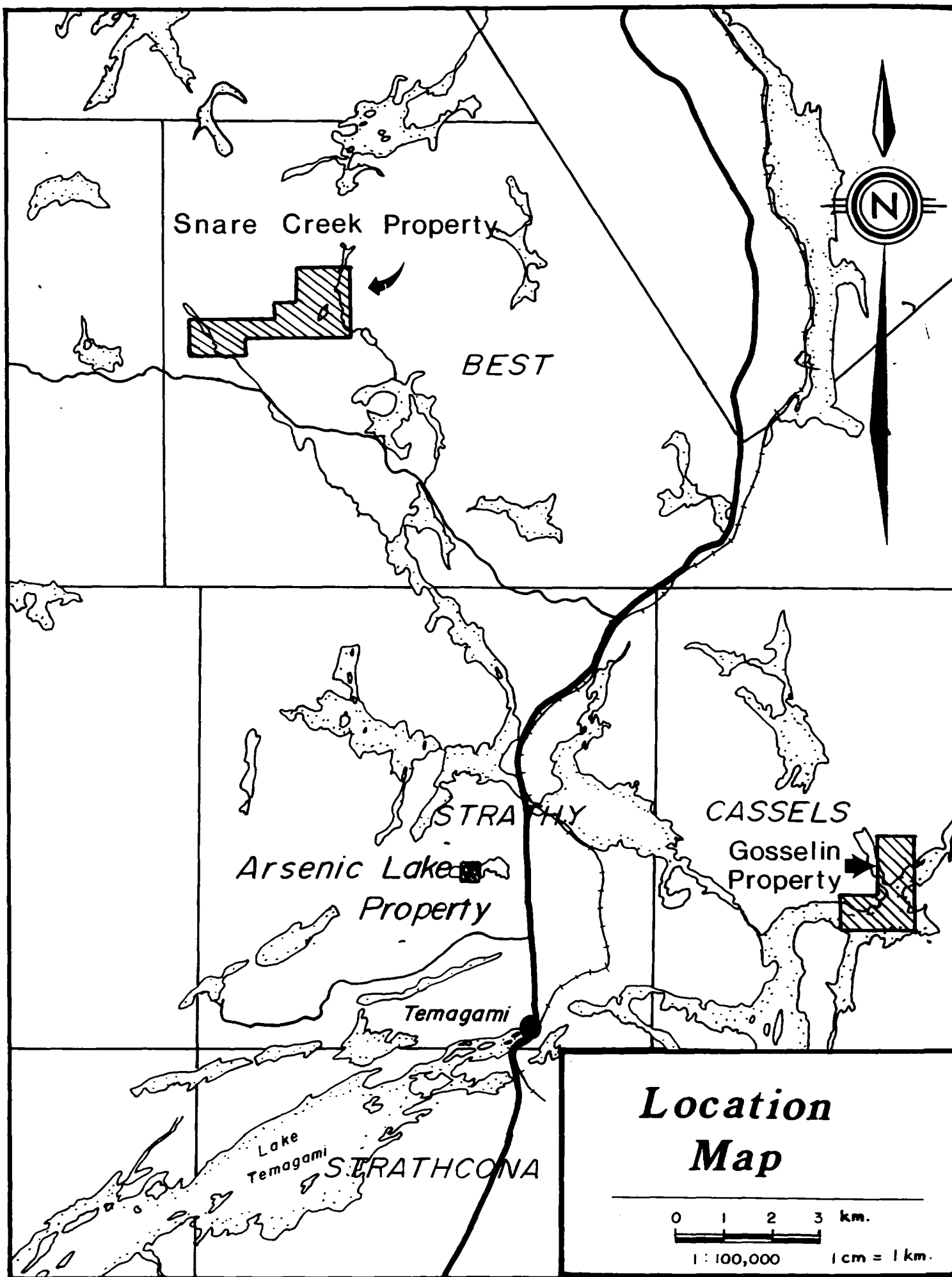
David Laronde

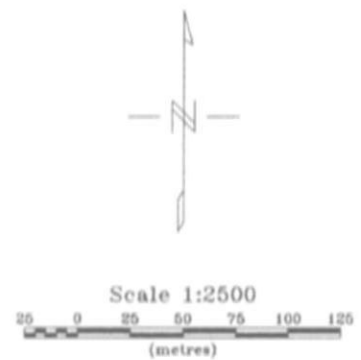
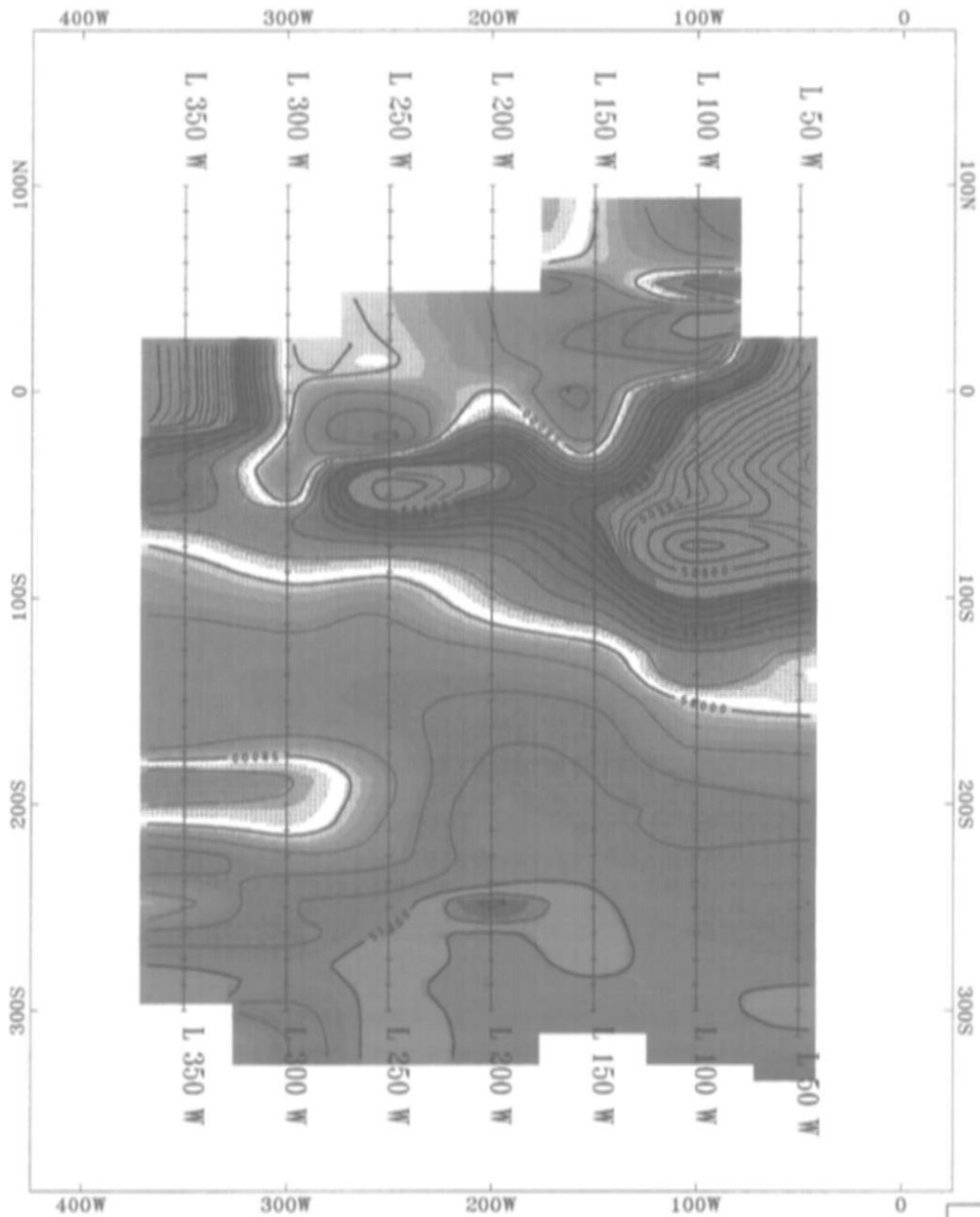




STRATHY TOWNSHIP

FIGURE 1





David Laronde  
 Arsenic Lake  
 Magnetic Survey  
 Meegwich Consultants Inc.



# Report of Work Conducted After Recording Claim

## Mining Act

Transaction Number  
W9670.00063

Personal information collected on this form is obtained under the authority of the Mining Act. This information and this collection should be directed to the Provincial Manager, Mining Lands, Mi Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.



31M04SW0156 2 16582 STRATHY

900

- Instructions:
- Please type or print and submit in duplicate.
  - Refer to the Mining Act and Regulations for re 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.

2.16582

Recorded Holder(s) DAVID LARONDE	Client No. 359746 157346
Address P.O. Box 482 Temagami, Ont P0H 2H0	Telephone No. 705-569-2904
Mining Division SUDBURY	Township/Area STRATHY TWP.
	M or G Plan No. 6-3457
Date Work Performed From: April 9, 1996	To: April 9, 1996

### Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	MAGNETOMETER SURVEY AND ESTABLISHMENT GRID (1165530, 118473)
<input type="checkbox"/> Physical Work, Including Drilling	
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	SECTION 18 ONLY
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

RECEIVED  
JUN 4 - 1996  
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ 1089

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
DAVID LARONDE MEEGWICK CONSULTANTS INC.	P.O. Box 482 Temagami, Ont P0H 2H0

(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 April 15, 1996	Recorded Holder or Agent (Signature) D. Laronde
--	------------------------	--

### 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 DAVID LARONDE P.O. Box 482 Temagami, Ont. P0H 2H0		
Telephone No. 705-569-2904	Date April 15, 1996	Certified By (Signature) D. Laronde

### For Office Use Only

Total Value Cr. Recorded Approved 3800	Date Recorded APR 15, 1996	Mining Recorder (Signature)	Received Stamp SUDBURY MINING DIV. RECEIVED APR 15 1996 A.M. P.M. 7 8 9 10 11 12 1 2 3 4 5 6
Deemed Approval Date July 14/96	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

W96700003

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.

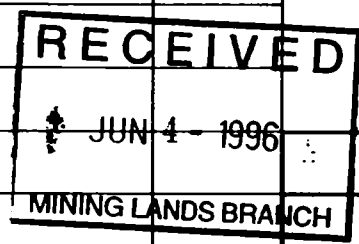
**1. Direct Costs/Coûts directs**

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 Linecutting	321 <sup>00</sup>	821 <sup>00</sup>
	Report	150 <sup>00</sup>	
	Computer drafting	150 <sup>00</sup>	
	Geophysical surveying	200 <sup>00</sup>	
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type Field and base magnetometer	214 <sup>00</sup>	264 <sup>00</sup>
	ski-do	50 <sup>00</sup>	
<b>Total Direct Costs Total des coûts directs</b>			<b>1084<sup>00</sup></b>

**2. Indirect Costs/Coûts indirects**

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

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



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	Évaluation 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 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 April 15, 1996



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

July 5, 1996

Our File: 2.16582  
Transaction #: W9670.00063

Mining Recorder  
Ministry of Northern Development & Mines  
933 Ramsey Lake Road, 3rd Floor  
Sudbury, Ontario  
P3E 6B5

Dear Mr. Denomme:

**SUBJECT: APPROVAL OF ASSESSMENT WORK CREDIT ON MINING LAND,  
CLAIMS 8.1165530 & 1118473 IN STRATHY TOWNSHIP**

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 July 04, 1996.**

If you have any questions regarding this correspondence, please contact Lucille Jerome at (705) 670-5858.

Yours sincerely,  
ORIGINAL SIGNED BY:

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

LBJ/cc

cc: Resident Geologist  
Cobalt, Ontario

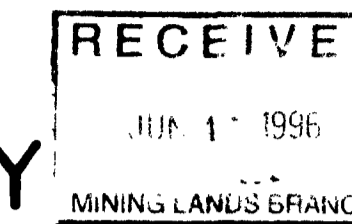
✓ Assessment Files Library  
Sudbury, Ontario



PUT INTO SERVICE MARCH 23 1994

**INDEX TO LAND DISPOSITION**

PLAN  
 G-3451  
 TOWNSHIP

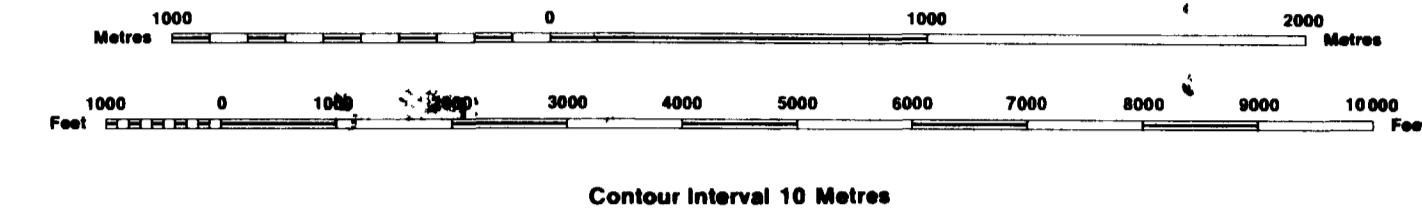


**STRATHY**

M.N.R. ADMINISTRATIVE DISTRICT  
**TEMAGAMI**  
 MINING DIVISION  
 SUBBURY  
 LAND TITLES/REGISTRY DIVISION  
 NIPISSING

**2.16582**

Scale 1:20 000



DATE OF ISSUE  
 MAY 30 1996  
 SUBBURY  
 MINING RECORDER'S OFFICE

**AREAS WITHDRAWN FROM DISPOSITION**

MRO - Mining Rights Only  
 SRO - Surface Rights Only  
 M + S - Mining and Surface Rights

Description	Order No.	Date	Disposition	File
①	36(O.R.S.)/90	02/02/96	S.R.O.	3996
②	36(O.S.)/90	04/04/94	15/03/94	100046
③	W-01/91/ONT	SEP/20/91	S.R.O.	LAND ROLL
④	SEC.36/90	W-5-02/91/NER	M & S	19880
⑤	PENDING DISPOSITION UNDER THE PUBLIC LANDS ACT - LAND NOT OPEN FOR STAKING SUB-SECTION 30(6) OF THE MINING ACT R.S.O. 1990 - NOTICE RECEIVED 08/JAN/96			
⑥	PENDING DISPOSITION UNDER THE PUBLIC LANDS ACT - LAND NOT OPEN FOR STAKING SUB-SECTION 30(6) OF THE MINING ACT R.S.O. 1990 - NOTICE RECEIVED 02/JAN/96			
⑦	SEC.36/90	W-5-30/94	AUG 15/94	M & S 19880
⑧	SEC.36/90	0-3-18/95	AUG.11/95	M & S 19810
⑨	SEC.36/90	W-5-78/94 GR	MAY 07, 1994	M & S 19810
⑩	SEC.35/90	0-3-31/94	AUG.1/94	M & S 19510
⑪	SEC.35/90	W-5-32/95	JUNE 1, 1995	M & S 19510
⑫	SEC.35/90	W-5-15/96	APR.16/96	M & S 19510

**SYMBOLS**

- Boundary
- Township, Meridian, Baseline
- Road allowance; surveyed
- shoreline
- Lot/Concession; surveyed
- unsurveyed
- Parcel; surveyed
- unsurveyed
- Right-of-way; road
- railway
- utility
- Reservation
- Cliff, Pit, Pile
- Contour
- Interpolated
- Approximate
- Depression
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway; single track
- double track
- abandoned
- Road; highway, county, township
- access
- trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

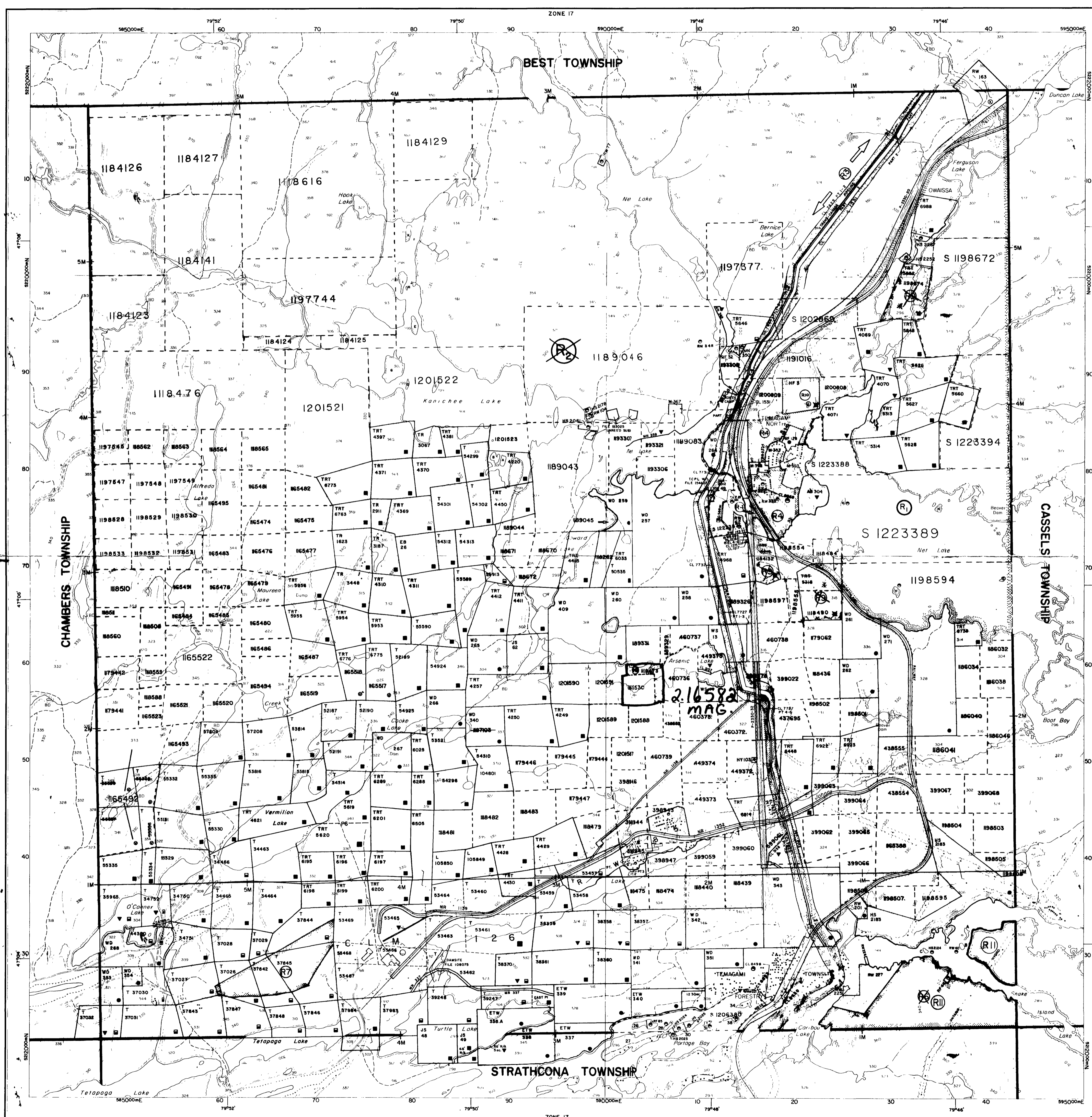
**DISPOSITION OF CROWN LANDS**

- 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
- Cancelled
- Reservation
- Sand & Gravel

**NOTES**

ISLAND 27 BELONGS WITH STRATHCONA TWP.  
 ISLANDS IN LAKE TEMAGAMI - NOT OPEN FOR STAKING  
 \* JUNE 1, 1994 OPENINGS  
 ONTARIO GAZETTE-VOL.127-20  
 MAY 14, 1994 PAGE 1875

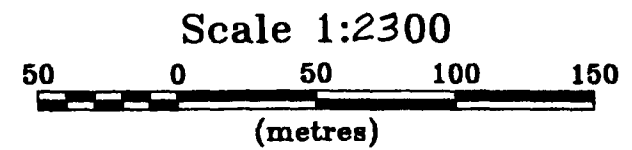
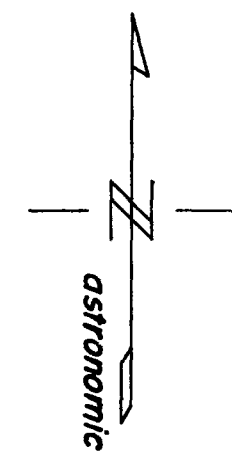
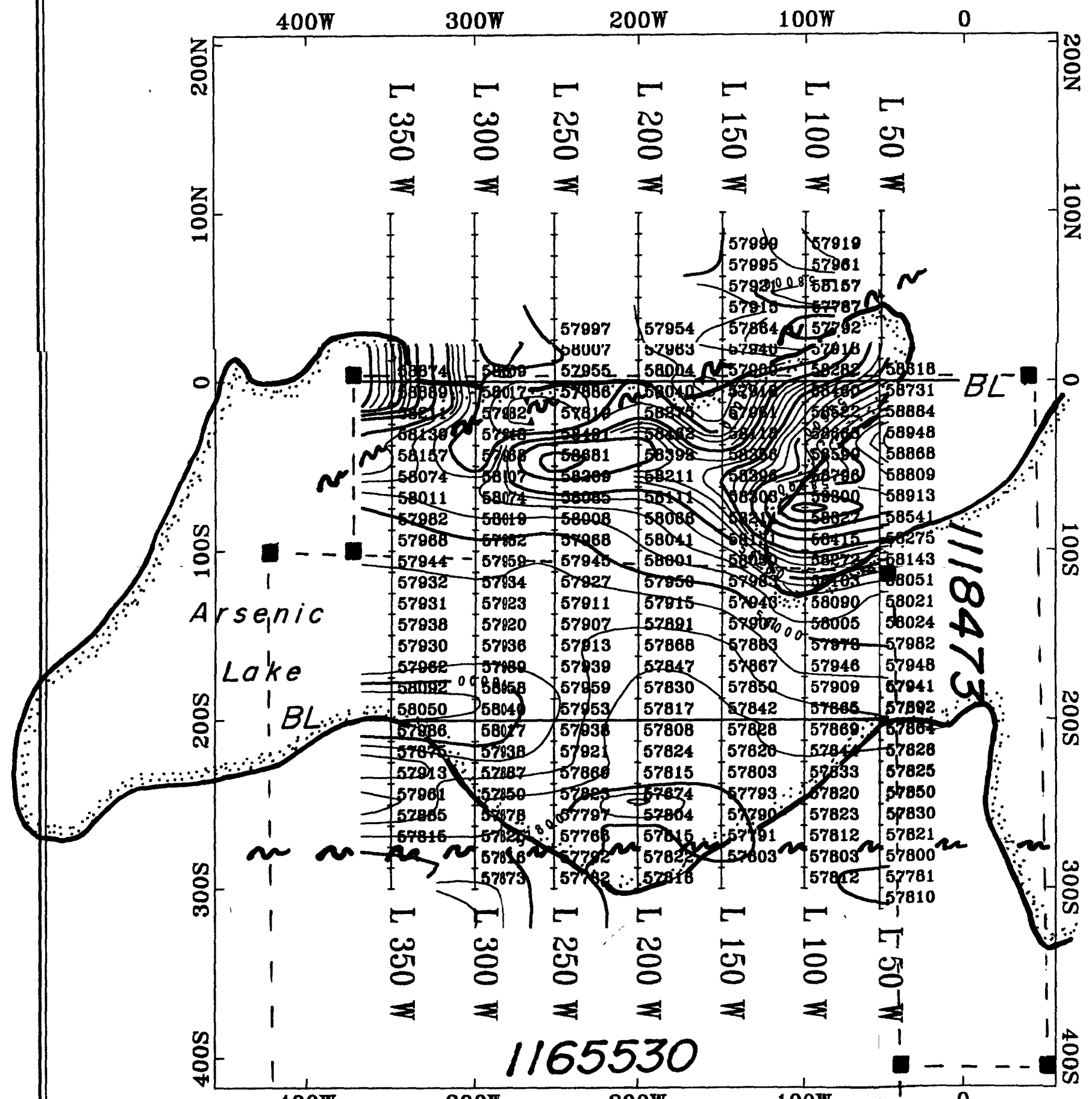
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES. ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.





RECEIVED  
 JUN 4 - 1996  
 MINING LANDS BRANCH

2.165 8 2



■ claim post  
 ~~~~ shear, interpreted

Strathy Twp

David Laronde  
 Arsenic Lake  
 Magnetic Survey  
 Meegwich Consultants Inc.

