

31M13NW0017 2.16104 CATHARINE

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REPORT ON THE CATHERINE TOWNSHIP PROSPECT EXAMINATION

LARDER LAKE MINING DIVISION

FOR

A. SALO

Wayne Corstorphine  
Hemlo Gold Mines Inc.

April 21, 1995

## INTRODUCTION

On July 5, 1994 the writer spent a part of the day with Mr A. Salo accessing and examining a large stripped area in Catherine Township, the precise location of the showing cannot be presented as maps and needed location information are at this time unavailable to me. The same showing had been previously looked at by Hemlo personnel (Noranda at the time) and this latest examination was for another opinion on the ground.

Much of the stripped area consists of mafic metavolcanic rocks that are locally mineralized with fracture veins of sulphide. Pyrite and chalcopyrite are the principal components and bornite appears as well. The veinlets are very isolated but can be quite sulphide-rich.

Two high-grade grab samples (30357, 30358) were collected by the writer to determine if there was any gold associated with the sulphides.

Assay results returned 1.51 g/t gold (1.85 g/t check) from 30357 with 2.4 ppm silver and 2940 ppm copper. The second sample, 30358 assayed 2.13 g/t gold (1.99 g/t check) with 1.7 ppm silver and 14300 ppm copper.

The gold content is well below ore grade and is somewhat unusual as there was little if any quartz veining or hydrothermal alteration effects noted in the outcrop (ie non recollected). The style of mineralization is erratic and lacks confinement.

This brief examination of the exposed outcrop lead little to the forming of a different opinion regarding the property at this time. The property's overall potential for either gold or base metals is uncertain and not strong enough in Hemlo's view to warrant involvement at present.

Respectfully submitted by



Project Geologist  
Hemlo Gold Mines Inc.

att.  
assay certificate  
copy of assay invoice and payment record



Established 1928

# Swastika Laboratories

A Division of TSI/Assayers Inc.

Assaying - Consulting - Representation

## Assay Certificate

5W-1004-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**  
 Project: **Gen EXPL**  
 Area: **W. Corstorphine**

Date: **APR-10-95**

We hereby certify the following Assay of 15 Rock Grab samples submitted APR-06-95 by .

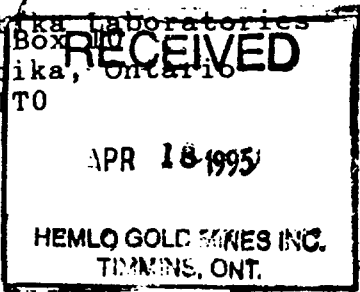
*Arvo Salo Bear Lake Prop + Catherine Twp*

Sample Number	Au g/tonne	Au Check g/tonne	Ag PPM	Cu PPM
30350	0.01	0.02	-	-
30351	0.01	-	-	-
30352	0.01	-	-	-
30353	0.04	-	-	-
30354	0.07	0.06	-	-
30355	0.05	-	-	-
30356	0.01	-	-	-
30357	1.51	1.85	2.4	2940
30358	2.13	1.99	1.7	14300
30361	0.01	-	-	-
30362	1.92	1.99	-	-
30363	0.02	-	-	-
30364	0.01	-	-	-
30365	0.05	-	-	-
30366	0.04	0.05	-	-

*} Catherine Twp high grade*

Certified by *G. Lebl*

Swastika Laboratories  
P.O. Box 120  
Swastika, Ontario  
POK 1T0



INVOICE

NO: 32794  
DATE: 04-10-95  
PAGE: 1 of 1

SOLD TO:

Hemlo Gold Mines Inc Expl  
P.O. Box 1205  
Timmins, Ontario  
P4N 7J5

SHIP TO:

Same

GST Number: R132862640

*Proj # 501 GEN*

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
15		Code 1	Au	3		5.750	86.25
2		Code 1	Ag	3		2.000	4.00
2		Code 1	Cu	3		1.000	2.00
15		Code 4	Sample Prep	3		3.000	45.00
			Cert #5W-1004-RA1				
			3-GST @ 7 %				9.61
FOURNISSEUR: <i>SWALAB</i>							
VENDOR:							
DISTRICT	WORK TYPE	SUB-COST	PROJET PROJECT	TAXE SUR TAX ON		MONTANT AMOUNT	
00	80000 000		GST/TPS	137.25		9.61	
00	81500 000		PST/TVQ				
45	112-15		501			137.25	
COMMENTS:							
Net 30 Days							
APPROVED: <i>Roy Duhon</i>				AUTO		TOTAL	146.86

**POSTED**  
*10/12/83*

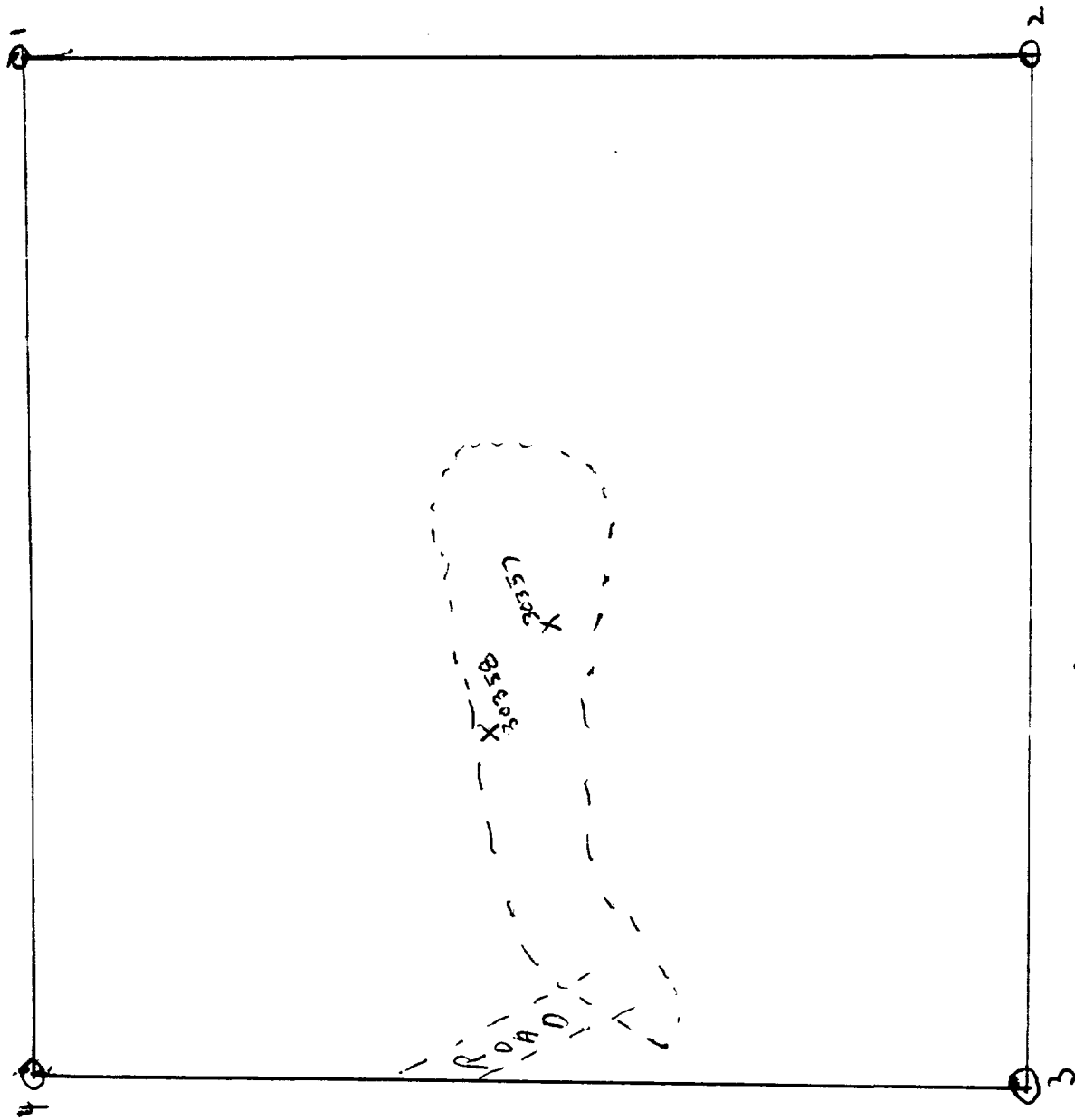
13 Bear Lake \$121.71  
2 Catherine Twp. \$25.15

Catherine Twp. Property

30357 (Au, Ag, Cu) Chips from semimassive sulphide seam several cm wide. Mainly pyrite - 8% with possible traces of cpy. Dark green volcanic host. From west part of large stripped area.

30358 (Au, Ag, Cu) Sample of fracture mineralized mafic volcanic. Massive pyrite / cpy seams. 5-8% sulphide overall but heavily mineralized at vein site. - high graded.

SAMPLING LOCATION MAP  
CLAIM 1048480 - CATHERINE TWP  
SCALE 1" = 220'



CLAIM 1048480



Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1048480	1
	1096871	1
	1096877	1
Total Number of Claims		3

Value of Assessment Work Done on this Claim	Value Applied to this Claim
175.00	97.00
	78.00
Total Value Work Done	175.00

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
175.00	
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:


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.

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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 	Date 7-11-95
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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 06, 1995

Our File: 2.16104  
Transaction #: W9580.00494

Mining Recorder  
Ministry of Northern Development & Mines  
4 Government Road East  
Kirkland Lake, Ontario  
P2N 1A2

Dear Mr. Spooner:

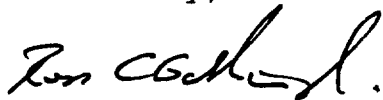
**Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIM  
1048480 IN CATHERINE TOWNSHIP**

Assessment credits have been approved as outlined on the report of work form. The credits have been approved under Section 17 (Assays) of the Mining Act Regulations.

The approval date is September 06, 1995.

If you have any questions regarding this correspondence, please contact Steven Beneteau at (705) 670-5855.

Yours sincerely,



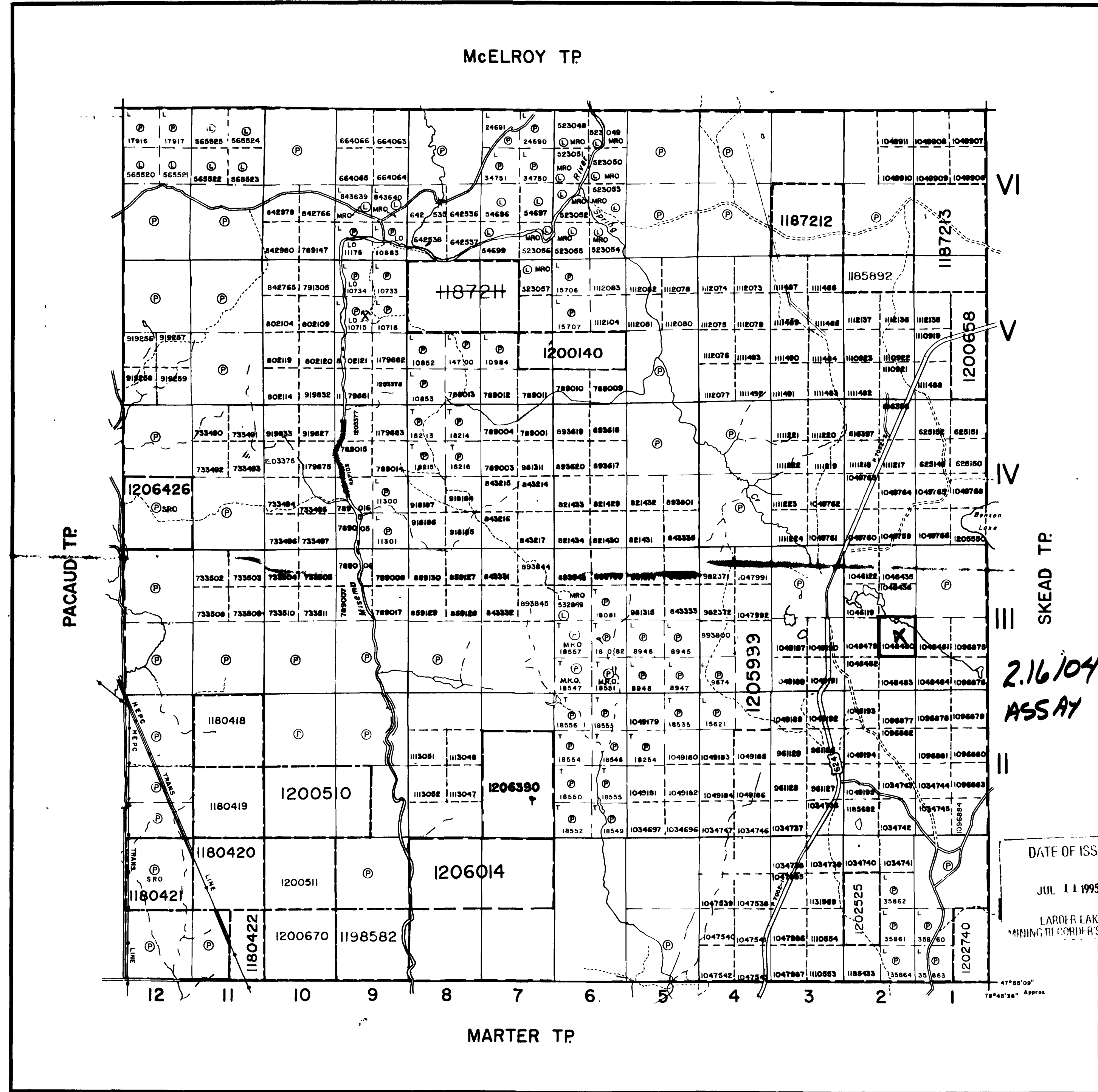
Ron C. Gashinski  
Senior Manager, Mining Lands Section  
Mining and Land Management Branch  
Mines and Minerals Division

*SBB* SBB/sb

cc: Resident Geologist  
Kirkland Lake, Ontario

✓ Assessment Files Library  
Sudbury, Ontario

McELROY TP



NOTES

400' surface rights reservation along the shores of all lakes and rivers.

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

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE \_\_\_\_\_  
 TIMISKAMING MANAGEMENT UNIT  
 AND MAY BE SUBJECT TO FORESTRY OPERATIONS.  
 THE MNR UNIT FORESTER FOR THIS AREA CAN BE  
 CONTACTED AT: P.O. BOX 129  
 SWASTIKA, ONT.  
 POK ITO  
 705-642-3222

LEGEND

- PATENTED LAND (P or ●)
  - PATENTED FOR SURFACE RIGHTS ONLY (P or ●\*)
  - LEASE (L)
  - LICENSE OF OCCUPATION (L.O.)
  - CROWN LAND SALES (C.S.)
  - LOCATED LAND (Lo.)
  - CANCELLED (C.)
  - MINING RIGHTS ONLY (M.R.O.)
  - SURFACE RIGHTS ONLY (S.R.O.)
  - HIGHWAY & ROUTE NO. (17)
  - ROADS
  - TRAILS
  - RAILWAYS
  - POWER LINES
  - MARSH OR MUSKEG
  - MINES
- \*used only with summer resort locations or when space is limited

TOWNSHIP OF

CATHARINE

DISTRICT OF  
TIMISKAMING

LARDER LAKE  
MINING DIVISION

SCALE: 1 INCH = 40 CHAINS (1/2 MILE)

DATE OF ISSUE

JUL 11 1995

LARDER LAKE  
MINING RECORDERS' OFFICE

DR. K K I

DATE JULY 1986

PLAN NO. G-3615

CIRCULATED MAY 4, 1995 CM

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 LAND



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ASSAY