



32D12SE0039 2.4808 HOLLOWAY

010

GEOPHYSICAL REPORT  
CLAIMS L 616 488 AND L 616 489  
HOLLOWAY TWP, ONTARIO  
LARDER LAKE MINING DIVISION

March 22, 1982

Gilles Tousignant



32D12SE0039 2.4808 HOLLOWAY

010C

Geophysical Report

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### Introduction:

The mining claims number L 616 488 and L 616 489 are located in Holloway township, Larder Lake mining division, district of Cochrane, province of Ontario.

The are part of a group of 15 patented claims held under option by Camflo Mines Limited which are refered to as the "Mc Dermott property".

There are no records of previous exploration work done on these two particular claims.

### Access and Topography:

These two claims are located 3,000 feet and 4,000 feet respectively South of highway 101 joining the towns of Duparquet and Matherson, and approximately 1 mile East of the West boundary of Holloway township.

The topography of the area is usually flat, and the terrain is for the most part swampy except for the South part of the claims where the ground is slightly higher.

### Regional Geology:

The area is underlain by Keewatin sediments and volcanics, cut by Pre-Algoman basic and ultrabasic intrusives.

There are no outcrops on the two claims concerned in this report, but the geology is interpreted as being basic to intermediate volcanics, possibly pillowed and brecciated.

The major Porcupine-Destor Fault lies 3,000 feet to the North, and the Ghostmount fault is interpreted as being near the South boundary.

### Exploration Work:

#### A) Line cutting:

A total of 4.65 km and 2.33 km of lines where cut on claims 616 488 and 616 489 respectively, on a 50m by 25m grid during August 1981. The work was done by "Geosignal Inc." of Rouyn-Noranda.

The geophysical surveys and the drawings were done by Camflo's personnel.

B) Magnetometer Survey:

A detailed ground magnetometer survey was completed, using a Scintrex MP-2 proton magnetometer in conjunction with a compatible base station. Combined operator, instrument and recorder errors give a reliability of + 10 gammas on individual readings.

The contoured residual values (total field minus 58,000 gammas) are shown on drawing 32 D/12-135-1B.

The first two anomalies on claim L 616 488, lines 19 + 00E to 21 + 50E, station 175S to 350S, and line 1850E to 21 + 50E, from base line to station 0 + 75S are interpreted as being due to two parallel dykes, probably diabase or diorite.

The third anomaly near the South boundary, goes from line L 8 + 50E on claim 616 484 to line 21 + 50E, on claim 616 488 is interpreted as being a magnetite rich basaltic unit.

C) VLF (EM-16) Survey:

A VLF Survey was conducted on these claims and the results have been processed using the "fraser filter" method. The contours of the resulting values are shown on drawing 32 D/12-135-1D.

The area is generally covered with an extensive layer of varved clays, which have been found to be very conductive; as such, the VLF survey while having very strong local responses, probably reflects the bedrock overburden pattern. All the anomalies in the surveyed area are interpreted as being caused by this pattern.

The VLF survey, while not overlooked in planning decisions, is not considered to be a determinant factor.

Conclusion:

The geophysical surveys conducted on claims L 616 488 and L 616 489 served mostly as an aid to geological interpretation of the area.

Due to the conductive nature of the clay, no definite conductor could be identified as being due to a possible mineralized zone.

APPENDIX "A"

The work was performed by the following persons:

1: Line cutting:

Lee Rogers, Cadillac, August 1981 7days x 1 = 7 days

2. VLF + Mag Survey:

Claude Simard, 615 Centrale, Val d'Or,  
September 10-15, 1981 6 days x 7 = 42 days

3. Draughting:

Barbara Boily, Malartic, September 29-30, 1981  
2 day x 7 = 14 days

4. Supervision + Reports:

Gilles Tousignant 615 Centrale, Val d'Or  
1 day september 1981, 1 day march 1982, 2 days x 7 = 14 days

Total: 77 days

*Gilles Tousignant*  
Gilles Tousignant  
Ing. Geologue

**2.480**  
The Mining Act

*(File L616488)*



Type of Survey(s) <b>Geophysical</b>	115417	32D12SE0039 2.4808 HOLLOWAY	900
Claim Holder <b>Camflo Mines Limited</b>	T-834		
Survey Company	Survey Dates (linecutting to office) 10 08 81 30 09 81 Day Mo. Yr. Day Mo. Yr.	Total Miles of line Cut 4.34 miles	
Name and Address of Author (of Geo-Technical report) <b>Gilles Tousignant 245 La Canadienne Val d'Or</b>			

**Special Provisions Credits Requested**

Instructions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	40
	- Magnetometer	20
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

**Mining Claims Traversed (List in numerical sequence)**

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
L	616 488				
	616 489				
RECEIVED MAY 20 1982 MINING LANDS SECTION					
LARGE MINING DIV. RECEIVED APR 15 1982 AM					

**Man Days**

Instructions	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

**Airborne Credits**

Note: Special provisions credits do not apply to Airborne Surveys.	Geophysical	Days per Claim
	Electromagnetic	
	Magnetometer	
	Radiometric	

**Expenditures (excludes power stripping)**

Type of Work Performed

Performed on Claim(s)

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**Calculation of Expenditure Days Credits**

Total Expenditures \$  + 15 = Total Days Credits

Instructions  
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

**For Office Use Only**

Total Days Cr. Recorded	Date Recorded <b>APR 15 1982</b>	Mining Recorder <i>[Signature]</i>
<i>[Signature]</i>	Date Approved as Recorded <b>83.10.31</b>	Regional Per Tech Director <i>[Signature]</i>

**Report Completed**

Date of Report <b>March 22, 1982</b>	Recorded Holder or Agent (Signature) <i>[Signature]</i>
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Certification Verifying Report of Work  
I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying  
**TOUSIGNANT GILLES 245 LA CANADIENNE VAL D'OR P.Q.**

Date Certified <b>MARCH 31 1982</b>	Certified by (Signature) <i>Gilles Tousignant</i>
--	--



Mining Lands Comments

- you wanted this file again

To: Geophysics *Roger Barlow.*

Comments

Approved

Wish to see again with corrections

Date *Sept 27/83*

Signature *RRLW*

To: Geology - Expenditures

Comments

Approved

Wish to see again with corrections

Date

Signature

To: Geochemistry

Comments

Approved

Wish to see again with corrections

Date

Signature

To: Mining Lands Section, Room 6462, Whitney Block.

(Tel: 5-1380)

MEREDYTH ERIC HOLT

- resident in the Province of Ontario
- employed in the mining and exploration industries continuously for the last thirty years
- registered as a Professional Engineer of the Province of Ontario
- currently Vice-President of Exploration for Camflo Mines Limited, United Siscoe Mines Inc., and Wilanour Resources Limited

**RECEIVED**

AUG 19 1983

MINING LANDS SECTION





## CAMFLO MINES LIMITED

Executive Offices:  
Suite 3001, South Tower  
P.O. Box 45, Royal Bank Plaza  
Toronto, Ontario, Canada M5J 2J1  
(416) 865-0005

September 6, 1983

Ms. Susan Hurst  
Whitney Block, Room 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3

Re: Your File # 2.4808

Dear Ms. Hurst

Enclosed herewith you will find the raw readings plotted  
for the VLF map.

Trust everything is now in order.

Yours very truly

C.A. Mathews  
CAMFLO MINES LIMITED

Encl.

RECEIVED  
SEP 7 1983  
MINING LANDS SECTION

24808



**CAMFLO MINES LIMITED**

Executive Offices:  
Suite 3001, South Tower  
P.O. Box 45, Royal Bank Plaza  
Toronto, Ontario, Canada M5J 2J1  
(416) 865-0005

TO BE DELIVERED

August 15, 1983

Mrs. R.M. Charnesky  
Mining Recorder  
Ministry of Natural Resources  
Whitney Block, Room 2548  
99 Wellesley Street West  
Queen's Park  
Toronto, Ontario  
M7A 1W3

RE: Geophysical Work Submitted on Mining Claims  
L616488-489 in the Township of Holloway

Dear Mrs. Charnesky

Enclosed herewith you will find the information and data that was requested with regards to the above.

It is hoped that everything is in order and to your approval and satisfaction.

Yours very truly  
CAMFLO MINES LIMITED

C.A. Mathews  
Exploration

Encl.

CERTIFICATE OF QUALIFICATION

- I am a resident of Val d'Or, Québec.
- I graduated from l'Ecole Polytechnique de Montréal in 1973 with a B.A.Sc. in geology.
- I am a member of the Quebec Order of Engineers.
- Since 1973, I have been involved in mineral exploration, development and production with various companies.
- I was employed by Camflo, and I supervised the various surveys conducted in 1981 on the property located in Holloway Township, North Eastern Ontario.

*Gilles Tousignant*  
Gilles Tousignant, ing. géol.  
August 9, 1983

August 4, 1983

2.4808

REGISTERED

Camflo Mines Limited  
Ste 2001 - South Tower  
P.O. Box 45  
Royal Bank Plaza  
Toronto, Ontario  
M2J 2J1

Dear Sir:

RE: Geophysical (Electromagnetic & Magnetometer)  
submitted on Mining Claims L 616488-489 in the  
Township of Holloway.

---

Enclosed is a copy of our letter dated March 2, 1983  
requesting additional information for the above mentioned  
survey.

Unless you can provide the required data by August 18, 1983  
the mining recorder will be directed to cancel the work  
credits recorded on April 15, 1982.

For further information, please contact Mr. F.W. Matthews  
at 416/965-1380.

Yours very truly,

E.F. Anderson  
Director  
Land Management Branch

Whitney Block, Room 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: 416/965-1380

S. Hurst:sc

Encls:

cc: Mr. Gilles Tousignant  
Val D'Or, Quebec

cc: Mining Recorder  
Kirkland Lake, Ontario

1983 03 02

2.4808

Camflo Mines Limited  
Ste. 3001, So. Tower, Box 45  
Royal Bank Plaza  
Toronto, Ontario  
M2J 2J1

Attn: Mr. Holt

Dear Sirs:

RE: Geophysical (Electromagnetic and Magnetometer)  
Survey submitted on Mining Claims L616488  
at al in the Township of Holloway.

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Enclosed are the plans, in duplicate, for the above mentioned survey. In order to complete your submission We require the following:

- a) maps should be signed and dated;
- b) VLF map needs raw readings plotted;
- c) maps need legend.

Also, please provide us with a brief resume of your qualifications for our records.

For further information, please contact Mr. F.W. Matthews at 416/965-1380.

Yours very truly,

E.F. Anderson  
Director  
Land Management Branch

Whitney Block, Room 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3

Phone: 416/965-1316

D. Wice:jh  
Encls.  
cc: Mining Recorder  
Larder Lake

Mining Lands Comments

- no qualifications  
 - maps not signed  
 - legend

To: Geophysics *Mr. Barkow*

Comments

- need signature on maps  
 - VLF map needs raw readings plotted

Approved  Wish to see again with corrections Date *Jan 3/83* Signature *[Signature]*

To: Geology - Expenditures

Comments

Approved  Wish to see again with corrections Date Signature

To: Geochemistry

Comments

*(1)*

Approved  Wish to see again with corrections Date Signature

To: Mining Lands Section, Room 6462, Whitney Block. (Tel: 5-1380)

Mining Recorder  
Ministry of Natural Resources  
4 Government Road East  
P.O. Box 984  
Kirkland Lake, Ontario  
P2N 1A2

2.4808

Dear Sir:

We have received reports and maps for a Geophysical (Electromagnetic and Magnetometer) Survey submitted under Special Provision (credit for Performance and Coverage) on Mining Claims L 616488 et al, in the Township of Holloway.

This material will be examined and assessed and a statement of assessment work credits will be issued.

Yours very truly,

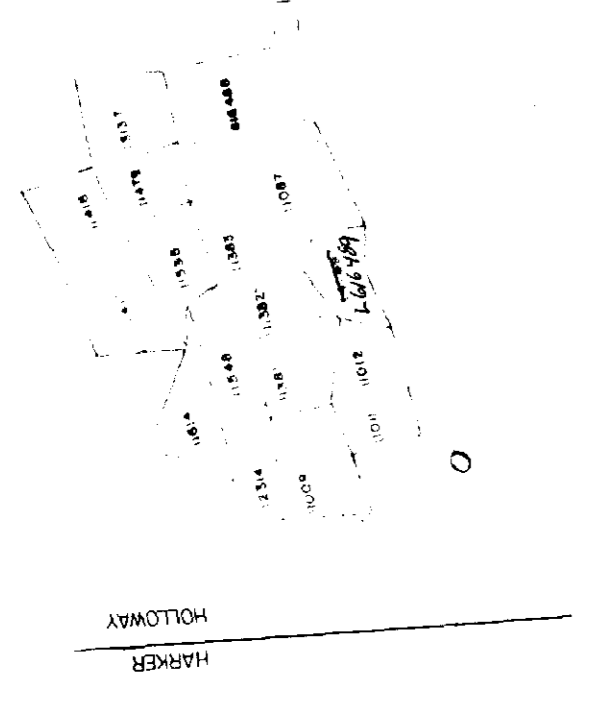
E.F. Anderson  
Director  
Land Management Branch

Whitney Block, Room 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: 416/965-1316

J. Skura/amc

cc: Camflo Mines Limited  
Toronto, Ontario

47



HOLLOWAY TWP  
HARBOR TWP



*Gilles Lavigne and  
Jr. geologue.*

CAMFLO MINES LTD LES VINES CAMFLO LTEE	
MC DERMOTT CANTON	HOLLOWAY TWP HOLLOWAY MAGNETOMETER SOMITEX MP2
189	9.7
SCALE 1:2000 EQUISCALE	
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AUGUST 1989	
320/12-1357-B	

Total Field Area 30000 Gares

684919 70

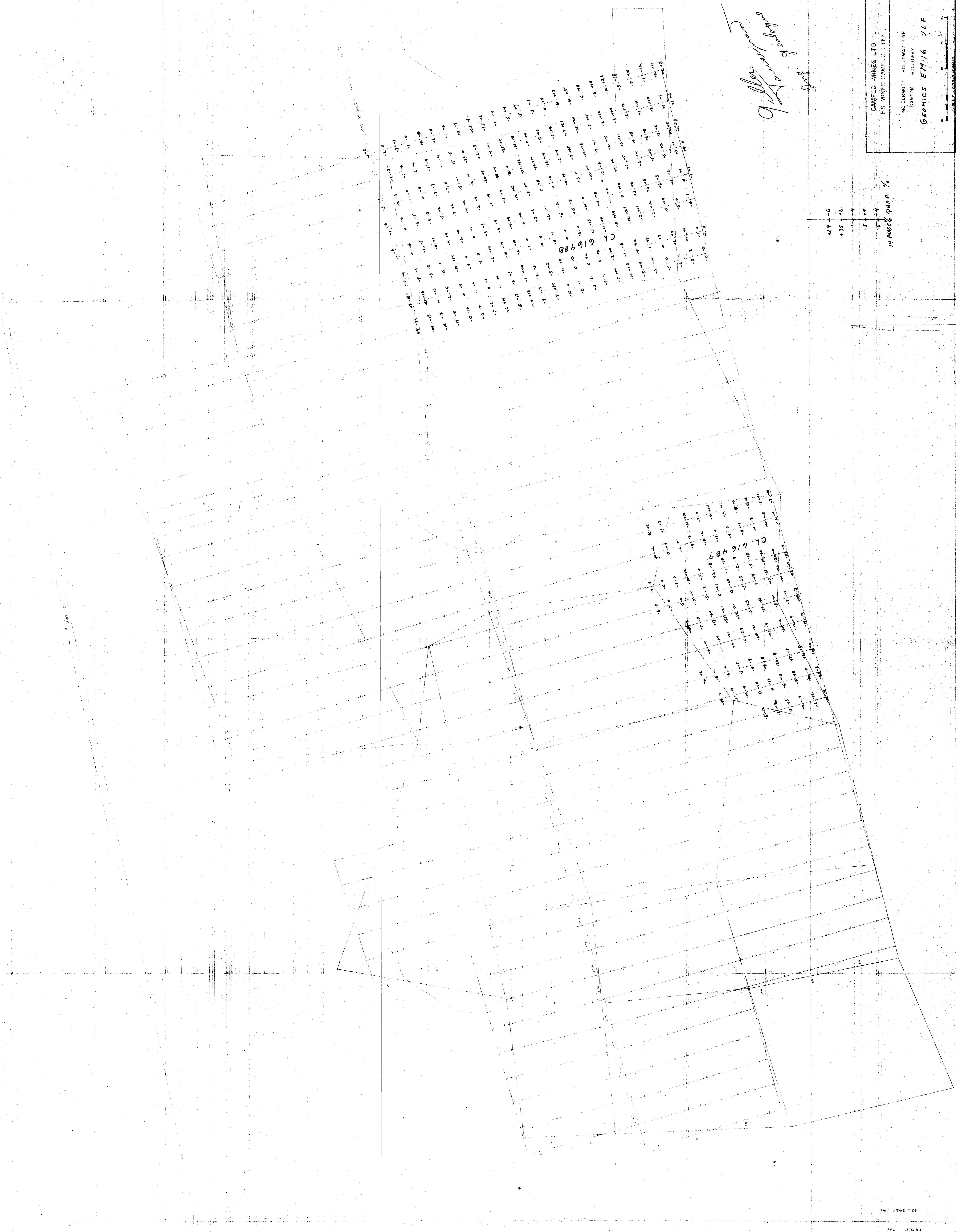
HWY 101

HOLLOWAY TWP  
HARBOR TWP



200





*John J. ...*  
*Geologist*

+29 -6  
 +35 -2  
 -1 -4  
 -5 -4  
 -5 -4  
 IN AMSE% QMAR %

N

CAMELO MINES LTD.  
 LES MINES CAMFLO L.T.E.E.

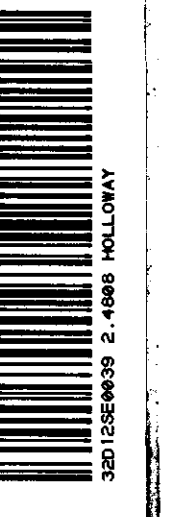
MC DERMOTT HOLLOWAY TWP  
 CANTON HOLLOWAY

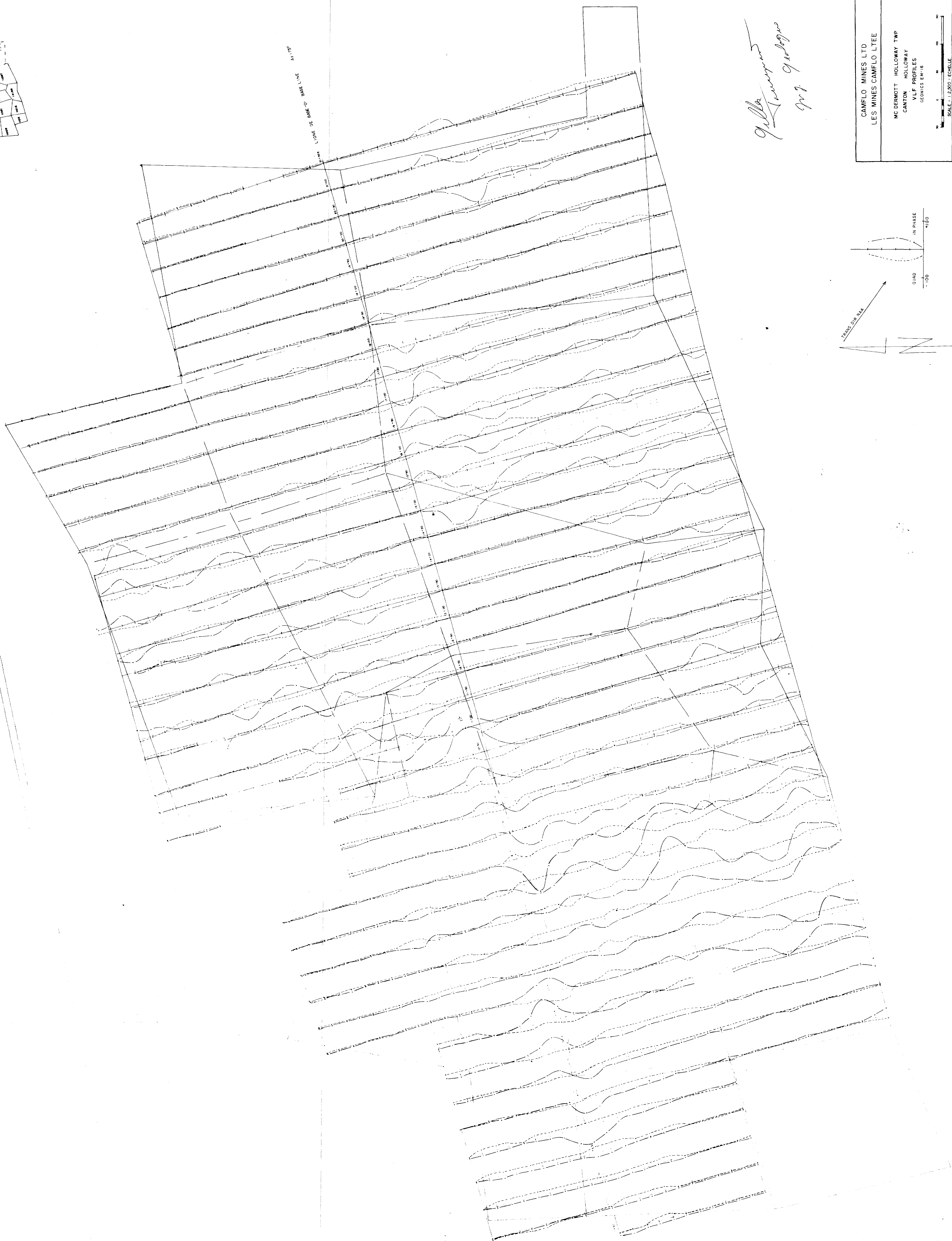
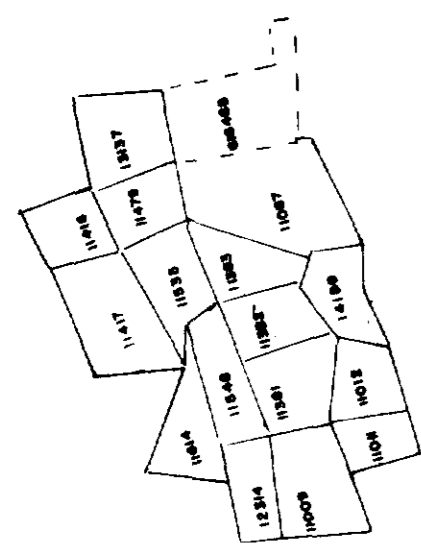
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32/10/05-14

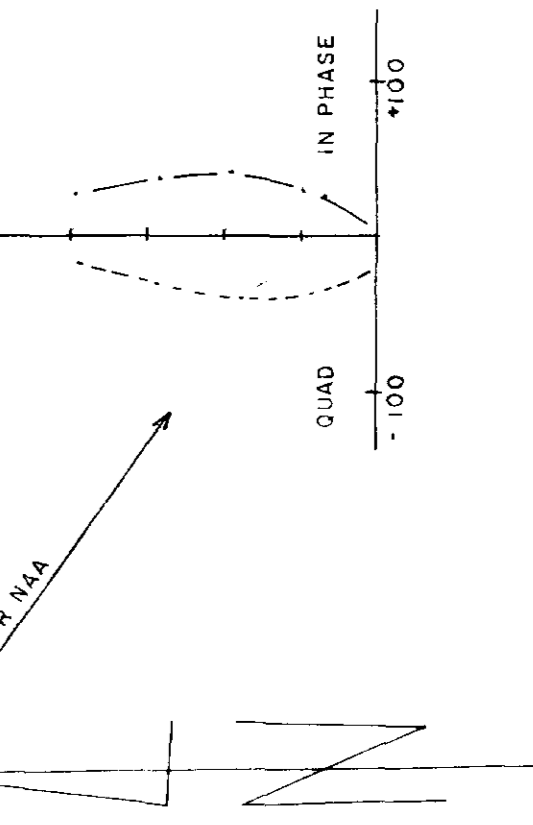
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HOLLOWAY TWP  
 HARKER TWP





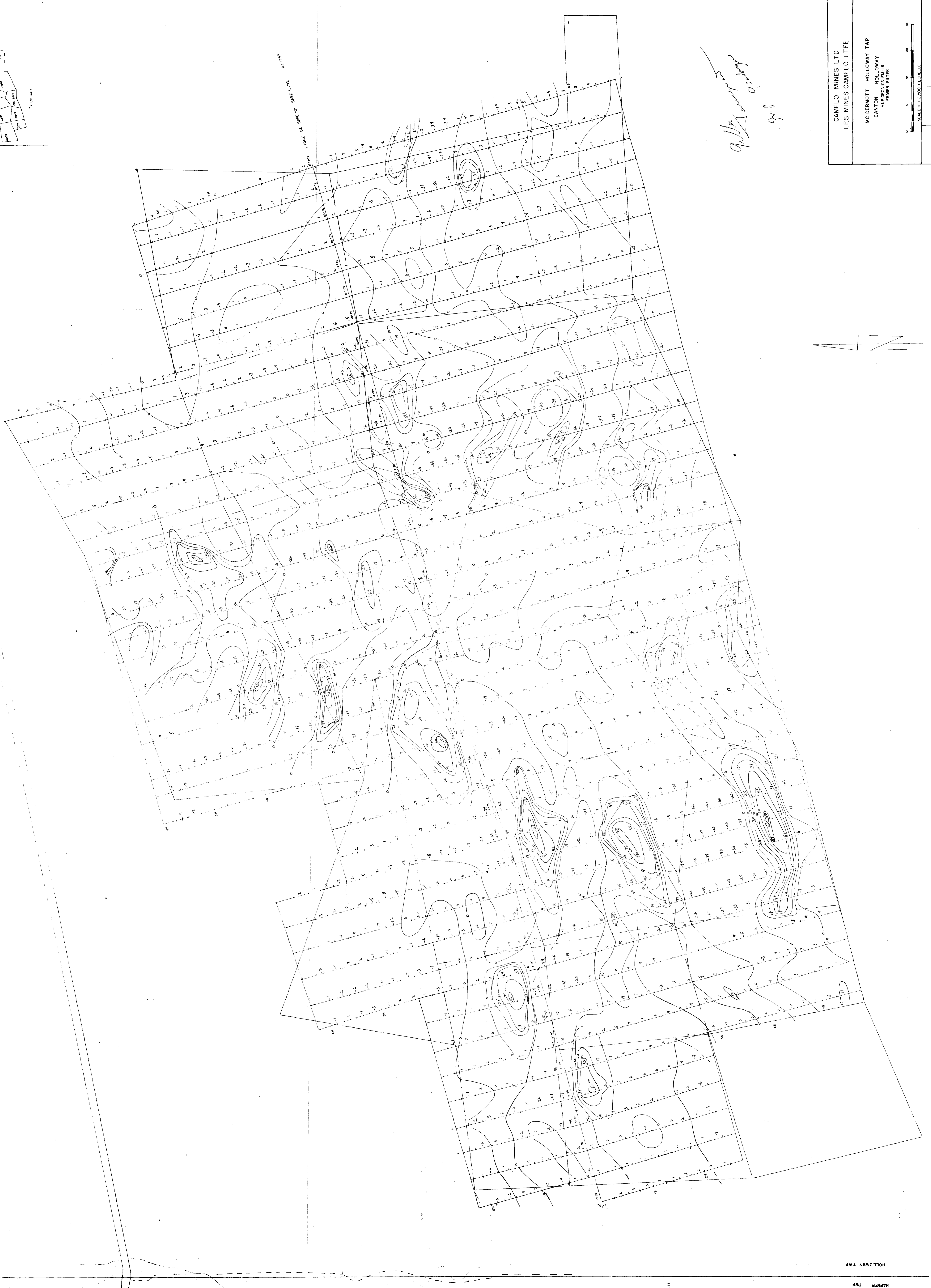
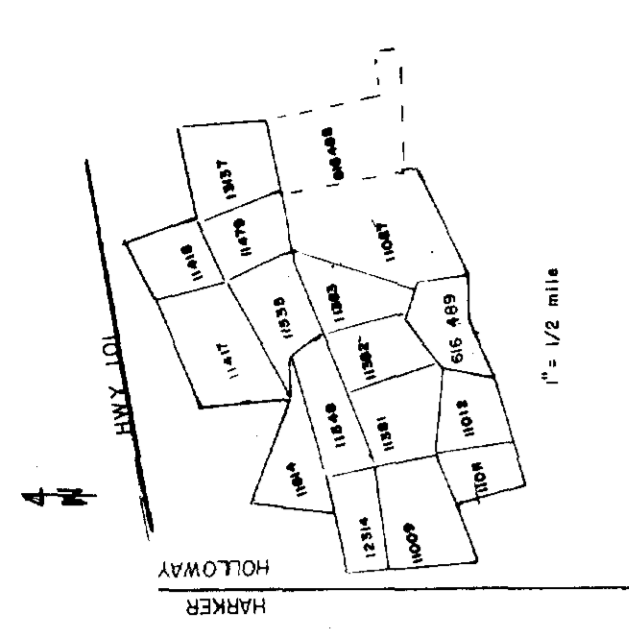
*G. L. ...*  
*...*



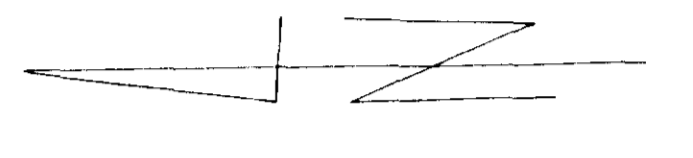
CAMFLO MINES LTD  
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 MC DERMOTT HOLLOWAY TWP  
 CANTON HOLLOWAY  
 V.L.F. PROFILES  
 REVISIONS 8/4/18  
 SCALE 1:250 - ECHELLE

HOLLOWAY TWP  
 MARKER TWP





*Alberta*  
*Camflo*



CAMFLO MINES LTD LES MINES CAMFLO LTEE		REDM-18-11-D	
MC DERMOTT HOLLOWAY TWP CANTON HOLLOWAY U.S. SECTION 10 FRASER FILTER		BB	AUGUST 1981
SCALE: 1:2,500 - ECHELLE			

HOLLOWAY TWP  
MAHER TWP

