



32D05NW0400 2.8210 HARKER

010

**GROUND MAGNETOMETER SURVEY
ON THE HARKER LAKE CLAIMS
HARKER TWP NTS: 32D/5**

by

Newmont Exploration of Canada Limited
Suite 370, 33 Yonge Street,
Toronto, Ontario M5E 1T2

June 1985

H. Limion

RECEIVED

JUN 14 1985

MINING LANDS SECTION



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ONTARIO
QUEBEC

HARKER
LAKE PROJECT



TIMMINS



Night Hawk L.



KIRKLAND
LAKE

NORANDA
ROUYN

Larder L.

48°



48°



NEWMONT

HARKER LAKE PROJECT
ONTARIO

LOCATION MAP

N.T.S. 32 D/5,12



MILES

MAY, 1965

FIGURE 1



HIGHWAY 101
approx. 2 Miles



Harker
L.

L	L	L	L	L	L	L
550905	512651	512658	512659	512660	599066	599067
L	L	L	L	L	L	L
550904	342616	342612	342613	512661	599069	599068
L	L	L	L	L	L	L
565530	512664	342615	512663	512662	788585	

HARKER TWP.

HOLLOWAY TWP.

ELLIOTT TWP.

NEWMONT
HARKER LAKE PROJECT
 ONTARIO
 PROPERTY MAP
 N.T.S. 32D/5,12

0 1/2
MILE

MAY, 1985

FIGURE 2

Report on the Magnetometer Survey
on the Harker Lake Claims

Introduction

A ground magnetometer survey on the Harker Lake claims confirmed the strike direction and highlighted the geologic units.

Location and Access - Figures 1 and 2

The twenty Harker Lake claims were optioned by Newmont Exploration of Canada Limited from Don F. Hurd in late 1984.

The claims are located between east of Harker Lake and the boundary of Harker and Holloway townships. A good gravel road extends from Highway 101, east of the Ghost River bridge, 8km to the claims. This road would give all weather access if it were kept open during the winter.

Geology and Previous Work

ODM map 2205 (at 1" : 4 miles) shows the area to be underlain by mafic flows and pyroclastic rocks. ODM map 1951-4, of Harker Township, shows andesitic outcrop in the central and eastern portion of the claims. Strike is at approximately 070°, and tops are to the south.

In 1982, Don Hurd filed a mag survey (File 2.5045) over 3 of the claims. In 1945, N. B. Keevil filed a mag survey (File 63-15). In 1969 (File #16) and 1974 (File #19), Hansen filed results from eight diamond drill holes. The diamond drill holes are somewhere in the central part of the claims and we will attempt to locate them with respect to our grid. Prior to 1941, 24 holes had been drilled by Ontario Cryderman Gold Mines and Consolidated Mining and Smelting.

Newmont has done trenching and stripping in late 1984, and is planning on a geological survey in 1985. The mag survey, as performed, will provide a systematically collected base of readings, on which the geology can be interpreted when outcrop cannot be found.

The Mag Survey

We used the EDA OMNI IV magnetometer to read the lines at 12-1/2m spacing. A recording magnetometer kept track of diurnal fluctuations, and corrections were made to the field data at the end of the day. Corrected data are shown on the "Magnetic Data" map, and a contour map overlays the magnetic data.

Results and Interpretation

The strike direction of approximately 070° degrees is evident from the results. A strong magnetic unit (i.e. high susceptibility-thickness) is at its highest at the topographic peak at 1600E/1075N. It is definitely traceable to 1900E/1025N and 1300E/1100N. The unit becomes weaker east and west after that, but it is possible to trace it to the western and eastern limits of the grid.

Other mag units on the grid do not have the same length, but do persist over several lines.

The geologic survey will identify the units, and attempt to use the mag.

H L Muri



Ministry of
Natural
Resources
Ontario

Lands Management File L550904

#245

Report of Work
(Geophysical, Geological,
Geochemical and Expenditures)

Mini



3205NW0400 2.8210 HARKER

900

Type of Survey(s) **MAGNETOMETER** HARKER

Claim Holder(s) **D.F. HURD** Prospector's Licence No. **K11780**

Address **18 TAYLOR AVENUE, KIRKLAND LAKE, ONTARIO P2N 2L1**

Survey Company **NEWMONT EXPLORATION OF CANADA LIMITED** Date of Survey (from & to) **6 Day | 5 Mo. | 85 Yr. | 17 Day | 5 Mo. | 85 Yr.** Total Miles of line Cut **62.2 km.**

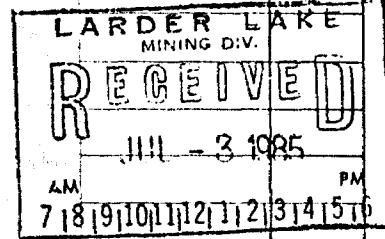
Name and Address of Author (of Geo-Technical report):
H. Limion, Newmont Exploration of Canada Limited, Suite 370, 33 Yonge St. Toronto. Ont.

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	40
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
Geochemical		
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	Days per Claim
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence) **M5E 1T2**

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
L	550904	40			
L	550905	40			
L	565530	40			
L	512651	40			
L	342616	40			
L	512664	40			
L	512658	40			
L	342612	40			
L	342615	40			
L	512659	40			
L	342613	40			
L	512663	40			
L	512660	40			
L	512661	40			
L	512662	40			
L	599066	40			
L	599069	40			
L	738386	40			
L	599067	40			
L	599068	40			



Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

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.

Total number of mining claims covered by this report of work. **20**

Date **June 27, 1985** Recorded Holder or Agent (Signature) *H. Limion*

For Office Use Only

Total Days Cr. Recorded **800** Date Recorded **JUL 3 1985** Mining Order

Date Approved as Recorded *see revised statement* Branch Director

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
A. M. Chater, Newmont Exploration of Canada Limited

Suite 370, 33 Yonge Street, Toronto, Ontario Date Certified **June 27 / 85** Certified by (Signature) **Andrew M. Chater**

M5E 1T2



Report of Work
(Geophysical, Geological,
Geochemical and Expenditures)

Instructions: -- Please type or print.
-- If number of mining claims traversed exceeds space on this form, attach a list.
Note: -- Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
-- Do not use shaded areas below.

Mining Act

Type of Survey(s) MAGNETOMETER		Township or Area HARKER
Claim Holder(s) NEWMONT EXPLORATION OF CANADA LIMITED		Prospector's Licence No. A. 37767
Address Suite 370, 33 Yonge Street, Toronto, Ontario M5E 1T2		
Survey Company Newmont Exploration of Canada Limited	Date of Survey (from & to) 6 Day 5 Mo. 85 Yr. 17 Day 5 Mo. 85 Yr.	Total Miles of line Cut 62.2 km.
Name and Address of Author (of Geo-Technical report) H. Limion, address as above		

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Electromagnetic	40
	Magnetometer	
	Radiometric	
	Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	
	Geochemical	
Max. Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	Electromagnetic	
	Magnetometer	
	Radiometric	
	Other	
	Geological	
	Geochemical	
Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed			Mining Claims Traversed		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
L	550904	✓ 40			
L	550905	1/4 40			
L	565530	✓ 40			
L	512651	✓ 40			
L	342616	✓ 40			
L	512664	✓ 40			
L	512658	✓ 40			
L	342612	✓ 40			
L	342615	✓ 40			
L	512659	2/4 40			
L	342613	✓ 40			
L	512663	✓ 40			
L	512660	2/4 40			
L	512661	✓ 40			
L	512662	✓ 40			
L	599066	1/4 40			
L	599069	✓ 40			
L	738386	✓ 40			
L	599067	✓ 40			
L	599068	✓ 40			

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

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.

Total number of mining claims covered by this report of work. **20**

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date **June 14, 1985** Recorded by Holder or Agent (Signature) *H. Limion*

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
A. M. Chater, Newmont Exploration of Canada Limited
Suite 370, 33 Yonge Street, Toronto, Ontario M5E 1T2

Date Certified **June 14/85** Certified by (Signature) **A.M. Chater**



Ministry of Natural Resources

File _____

GEOPHYSICAL - GEOLOGICAL - GEOCHEMICAL
TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Magnetometer

Township or Area Harker

Claim Holder(s) Newmont Exploration of Canada Limited

Survey Company Newmont Exploration of Canada Limited

Author of Report H. LIMION

Address of Author Suite 370, 33 Yonge Street

Covering Dates of Survey May 6 - June 15
(linecutting to office)

Total Miles of Line Cut 62.2 km.

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
L	550904
L	550905
L	565530
L	512651
L	342616
L	512664
L	512658
L	342612
L	342615
L	512659
L	342613
L	512663
L	512660
L	512661
L	512662
L	599066
L	599069
L	738386
L	599067
L	599068

If space insufficient, attach list

SPECIAL PROVISIONS
CREDITS REQUESTED

DAYS
per claim

- Geophysical
- Electromagnetic _____
- Magnetometer 40
- Radiometric _____
- Other _____
- Geological _____
- Geochemical _____

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: June 14, 1985 SIGNATURE: H. Limion
Author of Report or Agent

Res. Geol. _____ Qualifications 2.1212

Previous Surveys

File No.	Type	Date	Claim Holder

TOTAL CLAIMS 20

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS - If more than one survey, specify data for each type of survey

Number of Stations 2487 Number of Readings 4975
Station interval 25 M Line spacing 100m with some 50m lines
Profile scale
Contour interval 100 gammas

MAGNETIC

Instrument EDA OMNI-IV
Accuracy - Scale constant 1 gamma
Diurnal correction method Automatic tie-in to recording base station
Base Station check-in interval (hours) Base station cycles every 20 sec.
Base Station location and value Approx. 825E, 1725N 58525 gammas
Location marked on tree close to Harker Lake

ELECTROMAGNETIC

Instrument
Coil configuration
Coil separation
Accuracy
Method: [] Fixed transmitter [] Shoot back [] In line [] Parallel line
Frequency (specify V.L.F. station)
Parameters measured

GRAVITY

Instrument
Scale constant
Corrections made
Base station value and location
Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument
Method [] Time Domain [] Frequency Domain
Parameters - On time Frequency
- Off time Range
- Delay time
- Integration time
Power
Electrode array
Electrode spacing
Type of electrode

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

Corrections made _____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth - include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

Additional information (for understanding results) _____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

Values expressed in: per cent
p. p. m.
p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, (circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____



Ministry of
Natural
Resources

File

1985 06 24

File: 2.8210

Mining Recorder
Ministry of Natural Resources
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

We received reports and maps on June 14, 1985 for a Geophysical (Magnetometer) Survey submitted under Special Provisions (credit for Performance and Coverage) on Mining Claims L 550904, et al, in the Township of Harker.

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

We do not have a copy of the report of work which is normally filed with your office prior to the submission of this technical data. Please forward a copy as soon as possible.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-4888

RAB A. Barr:mc

cc: Newmont Exploration of Canada Limited
Suite 370
33 Yonge Street
Toronto, Ontario
M5E 1T2
Attention: H. Limion



Ministry of
Natural
Resources

Notice of Intent
for Technical Reports

1985 08 02

2.8210/245

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Land Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.



Aug 19/85

1985 08 02

Your File: 245
Our File: 2.8210

Mining Recorder
Ministry of Natural Resources
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. R.J. Pichette at 416/965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3

D. Isherwood:mc

Encls.

cc: D.F. Hurd
18 Taylor Avenue
Kirkland Lake, Ontario
P2N 2L1

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

cc: A.M. Chater
Newmont Exploration of Canada Limited
Suite 370
33 Yonge Street
Toronto, Ontario
M5E 1T2

AMENDED

Recorded Holder	D.F. HURD
Township or Area	HARKER TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	
Magnetometer _____ 40 _____ days	L 342612 - 613
Radiometric _____ days	342615 - 616
Induced polarization _____ days	512651
Other _____ days	512658
Section 77 (19) See "Mining Claims Assessed" column	512661 to 64 inclusive
Geological _____ days	550904 - 905
Geochemical _____ days	565530
Man days <input type="checkbox"/> Airborne <input type="checkbox"/>	590066 to 069 inclusive
Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/>	738386
<input type="checkbox"/> Credits have been reduced because of partial coverage of claims.	
<input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

20 DAYS
 L 512659-660

No credits have been allowed for the following mining claims

not sufficiently covered by the survey
 Insufficient technical data filed



Oct. 2/85

1985 09 17

Your File: #245
Our File: 2.8210

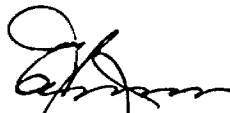
Mining Recorder
Ministry of Natural Resources
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

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For further information, if required, please contact Mr. R.J. Pichette at 416/965-4888.

Yours sincerely,


S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3

R.D. Kinvig:mc

Encls.

cc: D.F. Hurd
18 Taylor Avenue
Kirkland Lake, Ontario
P2N 2L1

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

cc: A.M. Chater
Newmont Exploration of Canada
Limited
Suite 370
33 Yonge Street
Toronto, Ontario
M5E 1T2



Ministry of
Natural
Resources

AMENDED
Notice of Intent
for Technical Reports

1985 09 17

2.8210/245

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Land Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.

1985 09 06

File: 2.8210
Your File: #245

Mining Recorder
Ministry of Natural Resources
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

RE: Geophysical (Magnetometer) Survey
submitted on Mining Claims L 342612,
et al, in the Township of Harker

The Geophysical (Magnetometer) Survey assessment work credits as allowed in the Notice of Intent dated August 2, 1985 were in error and have been amended as per the enclosed revised Notice of Intent. I sincerely apologize for any inconvenience this error may have caused.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-4888

D. Kinvig:mc

cc: D.F. Hurd
18 Taylor Avenue
Kirkland Lake, Ontario
P2N 2L1
cc: A.M. Chater
Newmont Exploration of Canada Limited
Suite 370
33 Yonge Street
Toronto, Ontario
M5E 1T2

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Encl.

1985 08 26

Your File: 245
Our File: 2.8210

Mining Recorder
Ministry of Natural Resources
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

RE: Notice of Intent dated August 2, 1985
Geophysical (Magnetometer) Survey on
Mining Claims L 342612, et al, in
Harker Township

The assessment work credits, as listed with the
above-mentioned Notice of Intent, have been approved
as of the above date.

Please inform the recorded holder of these mining
claims and so indicate on your records.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-4888

D. Isherwood:mc

cc: D.F. Hurd
Kirkland Lake, Ontario

cc: A.M. Chater
Newmont Exploration of Canada Limited
Toronto, Ontario

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

cc: Resident Geologist
Kirkland Lake, Ontario

Encl.

Recorded Holder	D. F. HURD
Township or Area	HARKER TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ <u>40</u> days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	L 342612 - 613 342615 - 616 512651 512658 to 664 inclusive 550904 - 905 565530 599066 to 069 inclusive 738386 <i>512658 512651 to 664 incl }</i>

Special credits under section 77 (16) for the following mining claims

20 DAYS

L 512659-660

No credits have been allowed for the following mining claims

not sufficiently covered by the survey
 Insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77 (19)—60:

1985 10 08

Your File:245
Our File:2,8210

Mining Recorder
Ministry of Natural Resources
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

RE: Notice of Intent dated September 17, 1985
Geophysical (Magnetometer) Survey on Mining
Claims L 342612,-et al, in Harker Township

The assessment work credits, as listed with the
above-mentioned Notice of Intent, have been approved
as of the above date.

Please inform the recorded holder of these mining
claims and so indicate on your records.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-4888

DK/mc

cc: D.F. Hurd
18 Taylor Avenue
Kirkland Lake, Ontario
P2N 2L1
Mr. G.H. Ferguson
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Toronto, Ontario

A.M. Chater
Newmont Exploration of Canada Limited
Suite 370
33 Yonge Street
Toronto, Ontario
M5E 1T2
Resident Geologist
Kirkland Lake, Ontario

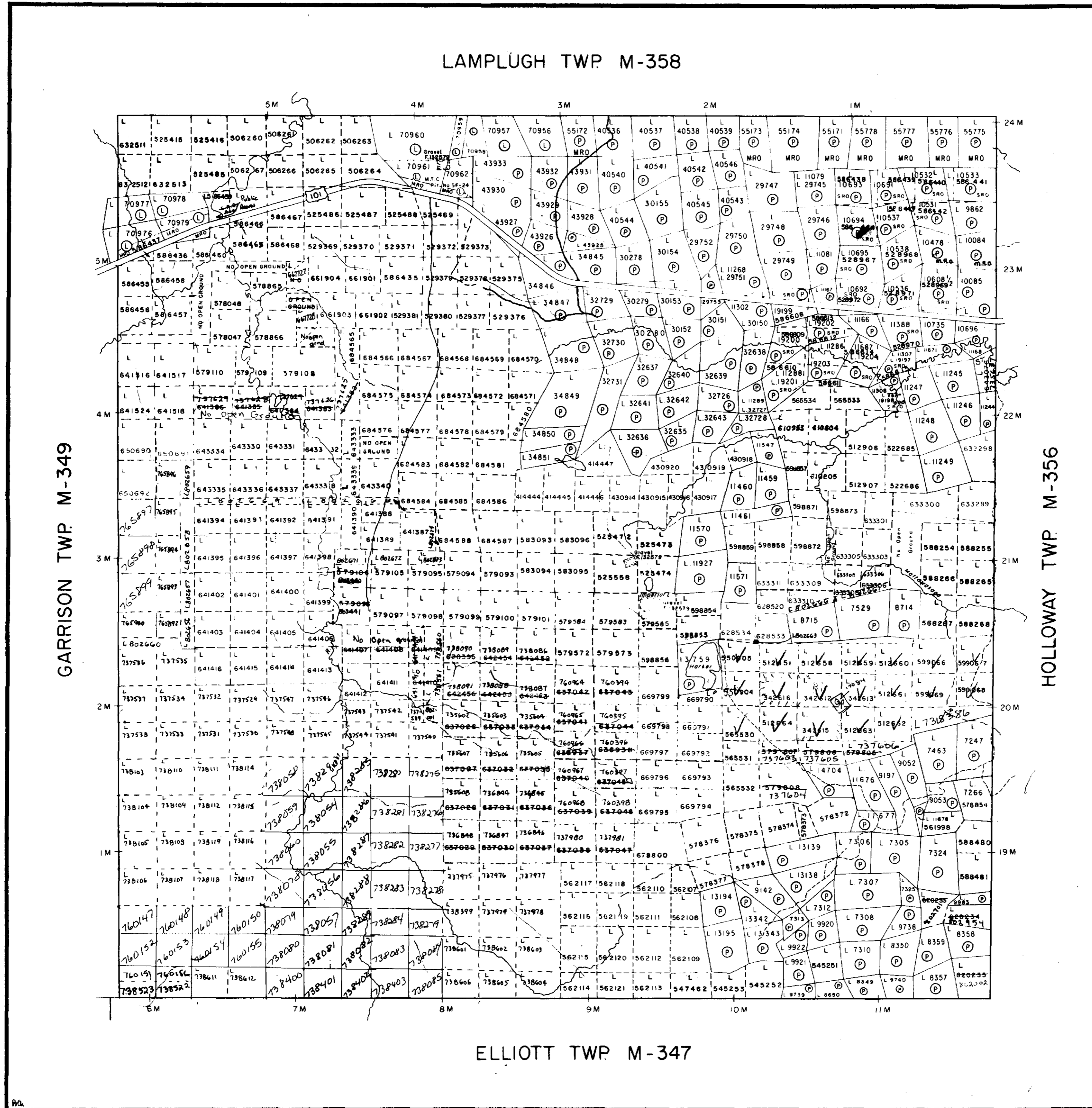
Encl.

M-323

HARKER TWP

M-323

LAMPLUGH TWP M-358



GARRISON TWP M-349

HOLLOWAY TWP M-356

ELLIOTT TWP M-347

THE TOWNSHIP OF HARKER

DISTRICT OF COCHRANE

LARDER LAKE MINING DIVISION

SCALE: 1-INCH 40 CHAINS

LEGEND

- PATENTED LAND ● or P
- CROWN LAND SALE C.S.
- LEASES L
- LOCATED LAND Loc.
- LICENSE OF OCCUPATION L.O.
- MINING RIGHTS ONLY M.R.O.
- SURFACE RIGHTS ONLY S.R.O.
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED
- PATENTED S.R.O.

NOTES

400' Surface Rights reservation along the shores of all lakes and rivers.

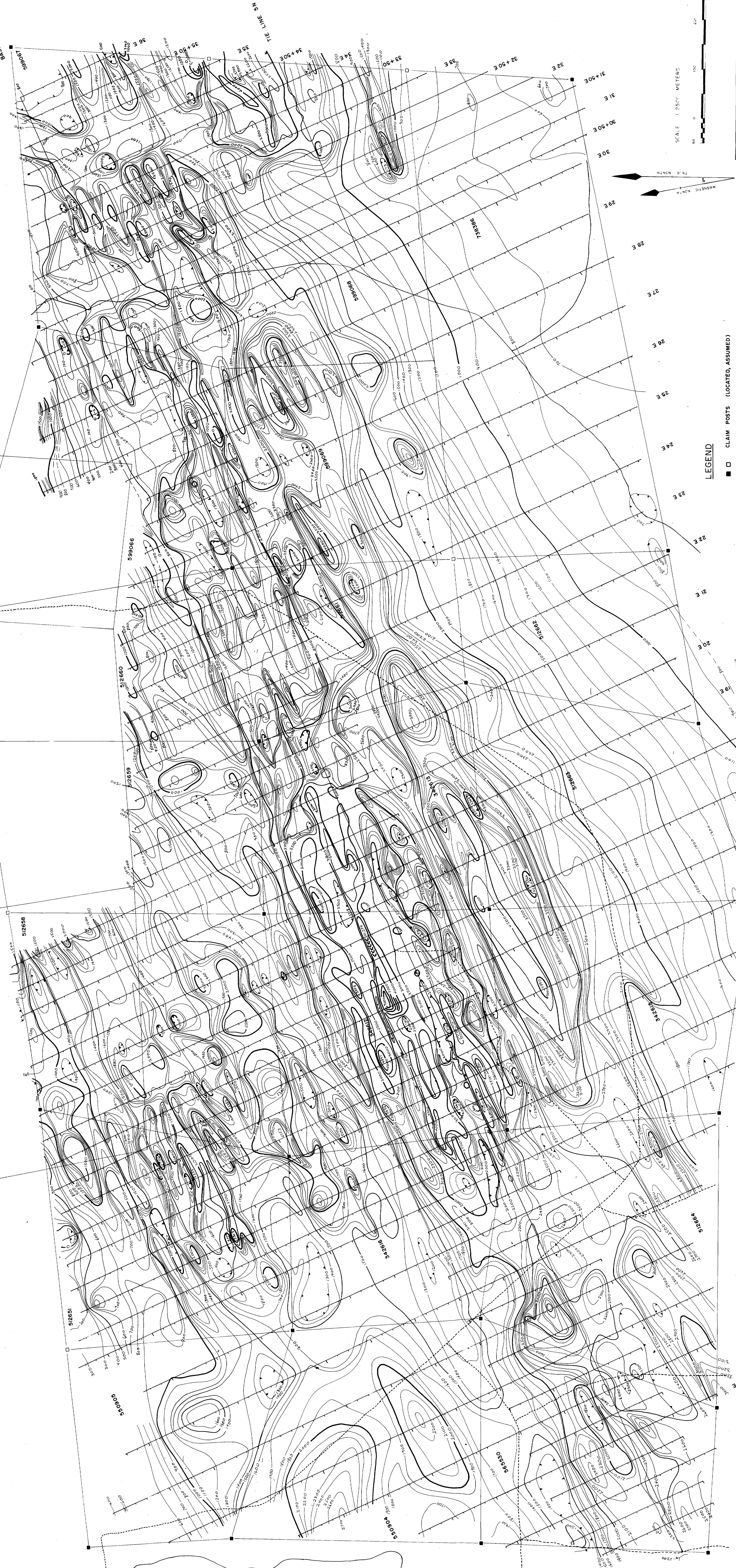
#2

PLAN NO. M-353

ONTARIO MINISTRY OF NATURAL RESOURCES SURVEYS AND MAPPING BRANCH



BASE LINE 10 N



NEWMONT EXPLORATION of CANADA LTD.
HARKER LAKE PROJECT
MAGNETIC CONTOURS

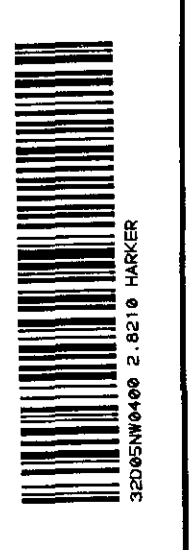
AREA - HARKER TOWNSHIP, ONTARIO 28210
 N.T.S. 32' D. S.
 DATE SURVEYED - MAY 1985
 SURVEYED BY - PMD
 DRAWN BY - ESC
 SCALE - 1:2500
 DATE - MAY 1985
 MAP NO

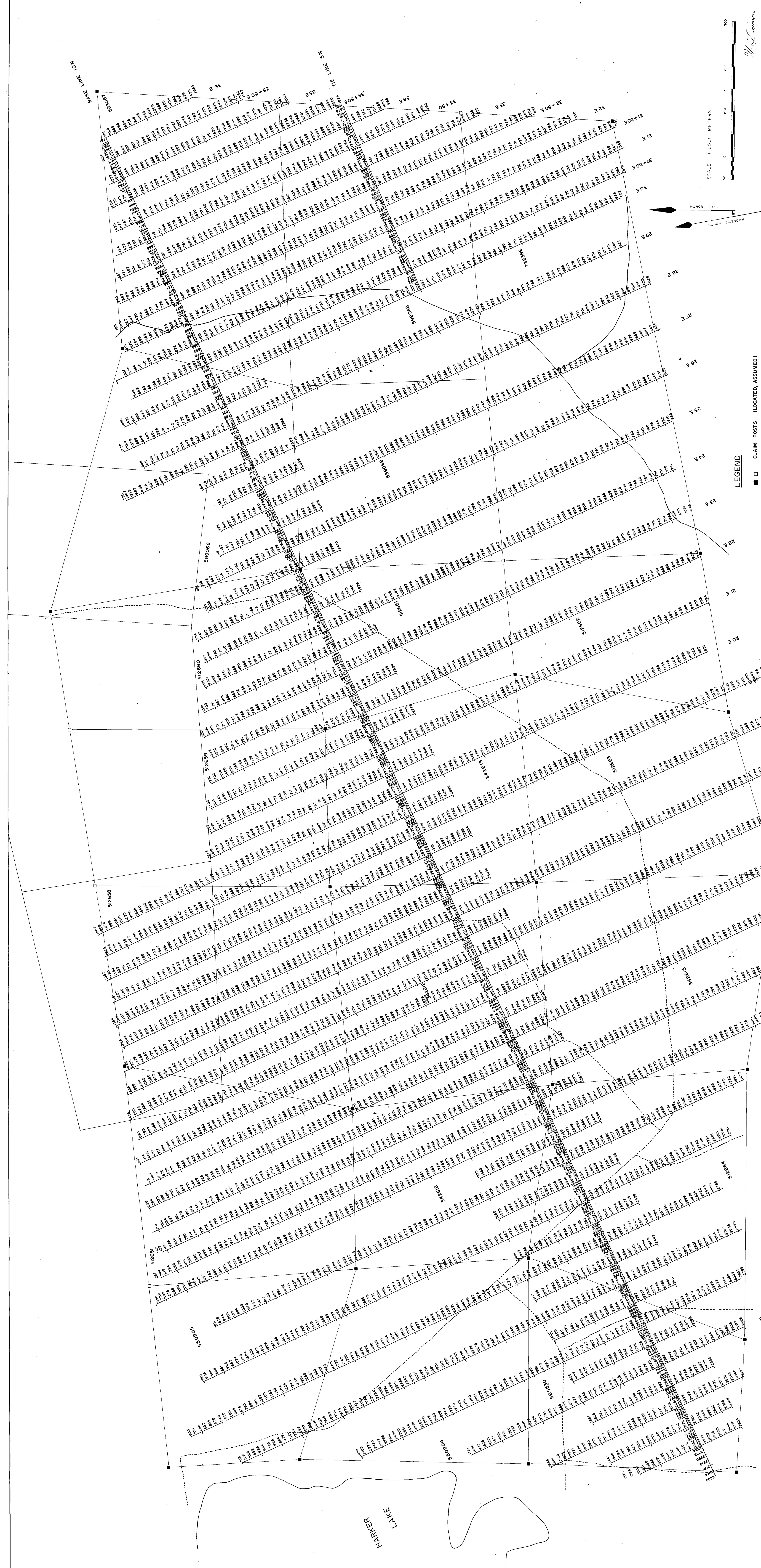
LEGEND

□ CLAIM POSTS (LOCATED, ASSUMED)
 57985 CLAIM NUMBERS

ROAD
 STREAM

CONTOURS IN GAMMAS WITH 50,000 SUBTRACTED
 1000' S
 500' S
 100' S





LEGEND

- CLAIM POSTS (LOCATED, ASSUMED)
- 57985 CLAIM NUMBERS
- ROAD
- STREAM

EDA OMNI-IV MAGNETOMETER READING
 WITH 59,000 GAMMAS SUBTRACTED
 ALL READINGS CORRECTED TO
 RECORDING OMNI-IV BASE STATION