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Mining Lands Section

File No 28305

Control Sheet

TYPE OF SURVEY GEOPHYSICAL
 GEOLOGICAL
 GEOCHEMICAL
 EXPENDITURE

MINING LANDS COMMENTS:

THIS REPORT

< Couchemosky LK + Dana LK >

[Handwritten initials]

J. Hurst

Signature of Assessor

Oct 25/55

Date



52008NE0048 52008SW0013 COUCHEEMOSKOG LAKE

010

T-5025

Sheet 905, 121 Richmond Street West, Toronto, Canada, M5H 2K1, Telephone (416) 969-0010

REPORT ON AN
AIRBORNE MAGNETIC AND VLF-EM SURVEY
PICKLE LAKE AREA
SIOUX LOOKOUT MINING DIVISION, ONTARIO

for
MOSS RESOURCES LIMITED

RECEIVED
SEP 10 1985
MINING LANDS SECTION

by
TERRAQUEST LTD.
Toronto, Canada
August 29, 1985

TERRAQUEST LTD.





52008NE0048 52008SW0013 COUCHEEMOSKOG LAKE

010C

Suite 905, 1-1 Richmond Street West, Toronto, Canada, M5H 2N1, Telephone: (416) 469-0010

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- Fig. 5 - Survey Block # 4 (T-5025.4)
- Fig. 6 - Survey Block # 5 (T-5025.5)
- Fig. 7 - Sample Record of Analogue Data



LIST OF MAPS IN JACKET

- No. T-5025.1-1, Total Magnetic Field
- No. T-5025.1-2, Vertical Magnetic Gradient
- No. T-5025.1-3, VLF-EM Survey
- No. T-5025.1-4, Interpretation

- No. T-5025.2-1, Total Magnetic Field
- No. T-5025.2-2, Vertical Magnetic Gradient
- No. T-5025.2-3, VLF-EM Survey
- No. T-5025.2-4, Interpretation

- No. T-5025.3-1, Total Magnetic Field
- No. T-5025.3-2, Vertical Magnetic Gradient
- No. T-5025.3-3, VLF-EM Interpretation
- No. T-5025.3-4, Interpretation

- No. T-5025.4-1, Total Magnetic Field
- No. T-5025.4-2, Vertical Magnetic Gradient
- No. T-5025.4-3, VLF-EM Survey
- No. T-5025.4-4, Interpretation

- No. T-5025.5-1, Total Magnetic Field
- No. T-5025.5-2, Vertical Magnetic Gradient
- No. T-5025.5-3, VLF-EM Survey
- No. T-5025.5-4, Interpretation



1. INTRODUCTION

This report describes the specifications and results of a geophysical survey carried out for Moss Resources Limited of Toronto by Terraquest Ltd., 905 - 121 Richmond St. W., Toronto, Canada. The field work was performed from April 15 to April 20, 1985 and the data processing, interpretation and reporting from April 21 to August 29, 1985.

The purpose of a survey of this type is two-fold. One is to prospect directly for anomalously conductive and magnetic areas in the earth's crust which may be caused by, or at least related to, mineral deposits. A second is to use the magnetic and conductivity patterns derived from the survey results to assist in mapping geology, and to indicate the presence of faults, shear zones, folding, alteration zones and other structures potentially favourable to the presence of gold and base-metal concentration. To achieve this purpose the survey area was systematically traversed by an aircraft carrying geophysical instruments along parallel flight lines spaced at even intervals, 100 meters above the terrain surface, and aligned so as to intersect the regional geology in a way to provide the optimum contour patterns of geophysical data.

2. THE PROPERTY

The property is located south of Pickle Lake in the Sioux Lookout Mining Division of Ontario about 14 kilometers south of town of Pickle Lake. The claims are divided into five Blocks as shown in figures 1 to 6. The M.N.R. administrative districts are respectively Block #1 Little Ochig Lake Area (claim map G-2104), Blocks #3 and 4 Coucheemoskog Lake Area (claim map G-1996) and Block #4 Dona Lake Area (claim map G-2009). Block #5 is a westward extension of Block #3; a small fraction of data coverage of Block #5 is included on the data maps for Block #3. The property can be reached by Highway #599.

The latitude and longitude of Block #1 are 51 degrees 16 minutes respectively. The farthest area to the northeast Block #4 has a longitude and latitude of 51 degrees and 23 minutes and 90 degrees and 02 minutes respectively. All Blocks are contained by the N.T.S. map reference sheet 52 O/8.

The claim numbers are shown on figures 2 to 6 and listed in the appendix.

3. GEOLOGY

Map References

1. Map 2218: Cat Lake - Pickle Lake, Geological Compilation



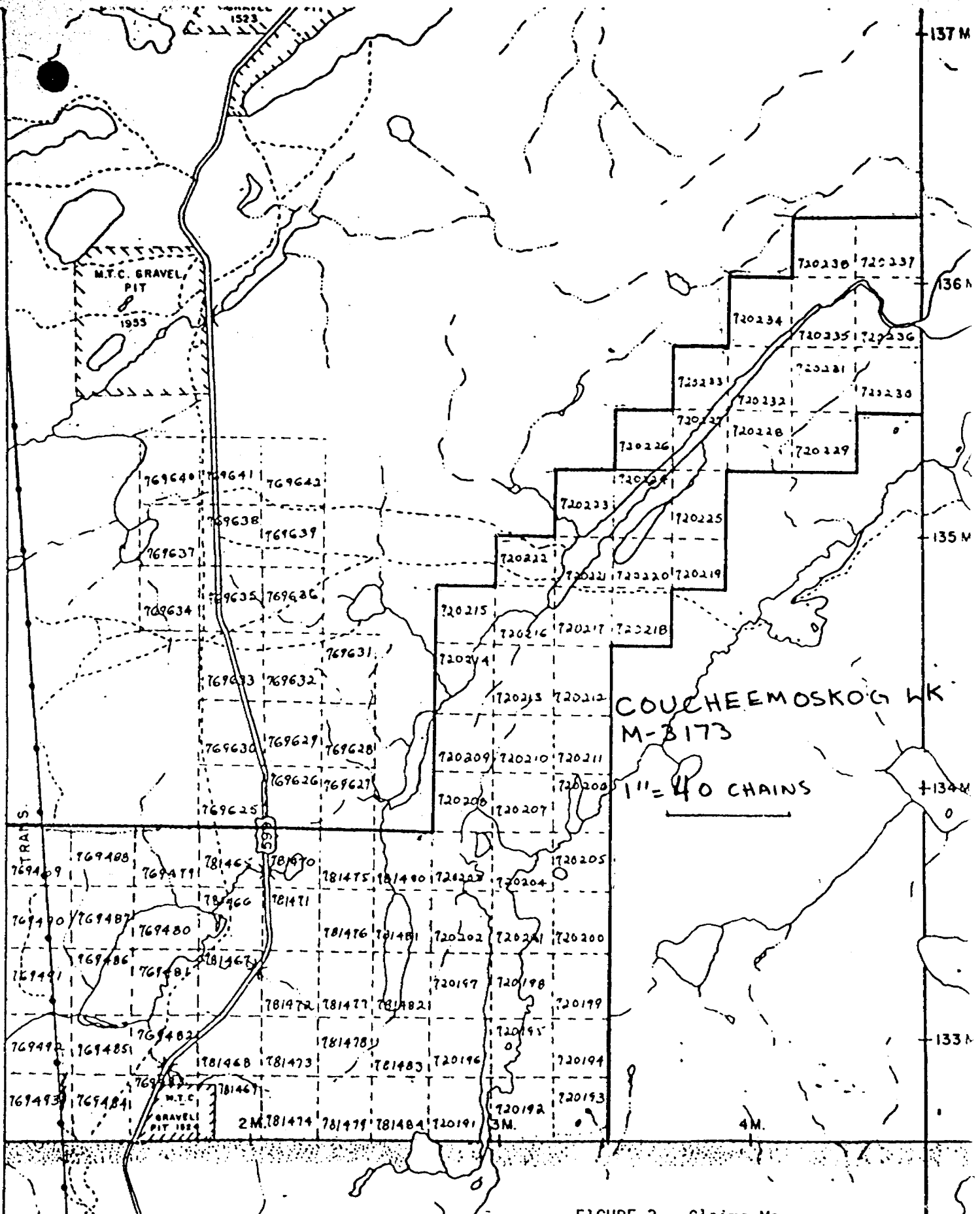


FIGURE 3. Claims Map
 Contract # T-5025.2
 Block # 2



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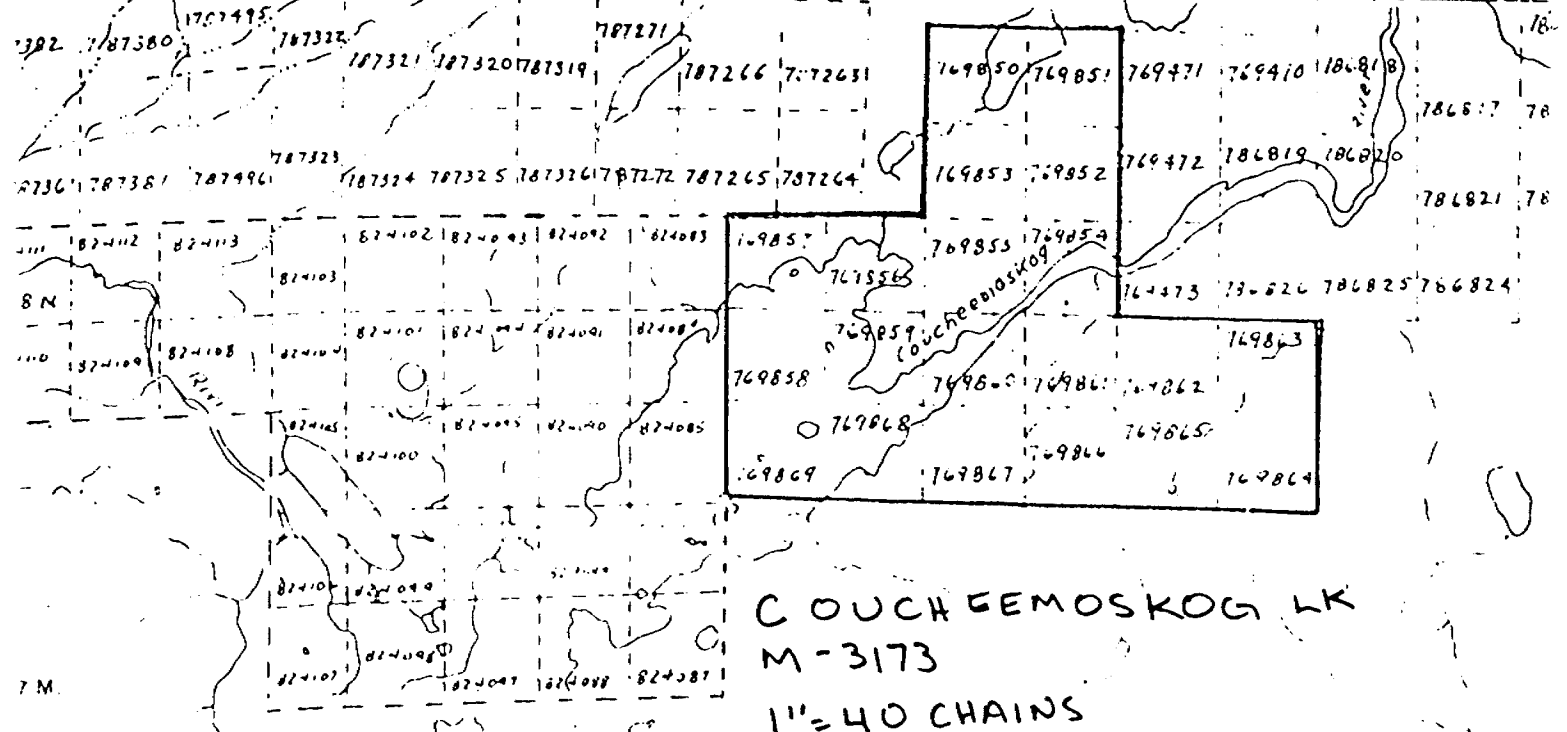
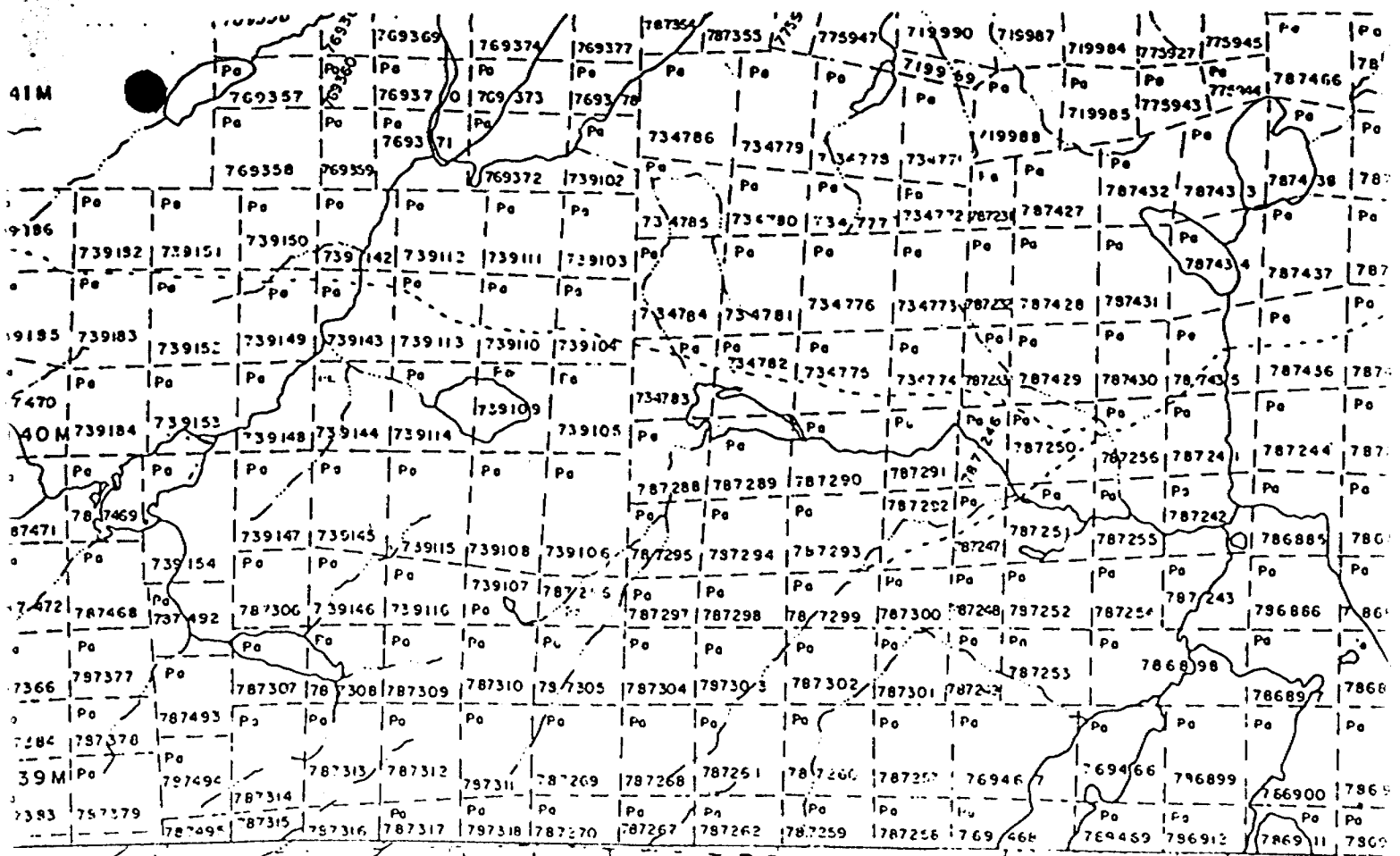


FIGURE 4. Claims Map
 Contract # T-5025.3
 Block # 3

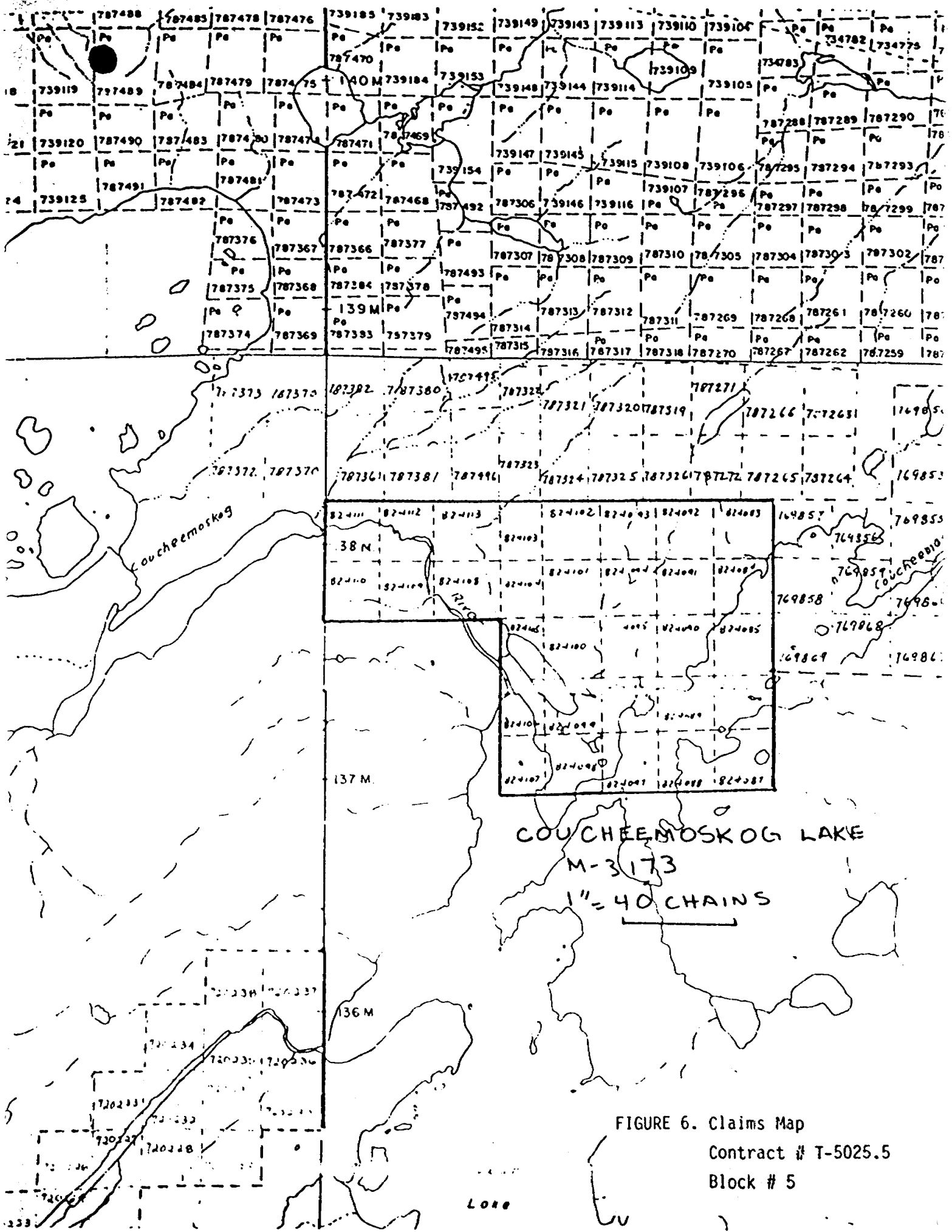


FIGURE 6. Claims Map
 Contract # T-5025.5
 Block # 5

LONG

Series, Scale 1:253,440; O.D.M. 1975

All claim Blocks lie in the regional Uchi Greenstone Belt and are underlain by mafic to intermediate metavolcanics and minor dacitic to rhyolitic flows. These volcanics are sandwiched between a large granitic complex to the southeast, the Carling Granite to the southwest, the Kasagiminnis Lake Pluton to the west and the Ochig Lake Pluton to the northwest. Iron formation, sulphide mineralization and gold occur throughout the volcanics.

4. SURVEY SPECIFICATIONS

4.1 Instruments

The survey was carried out using a Cessna 182 aircraft, registration C-FAKK, which carries a magnetometer and a VLF electromagnetic detector.

The magnetometer is a proton precession type with the sensor element mounted in an extension of the right wing tip. It's specifications are as follows:

Resolution:	0.5 gamma
Accuracy:	One gamma
Cycle time:	One second
Range:	20000 - 100000 gammas in 23 overlapping steps
Gradient tolerance:	Up to 5000 gammas per meter
Model:	GSM-8BA
Manufacturer:	GEM Systems Inc., 105 Scarsdale Rd., Don Mills, Ontario, M3B 2R5

The VLF-EM unit uses three orthogonal detector coils to measure (a) the total field strength of the time-varying EM field and (b) the phase relationship between the vertical coil and both the "along line" coil (LINE) and the "cross-line" coil (ORTHO). The LINE coil is tuned to a transmitter station that is ideally positioned at right angles to the flight lines, while the ORTHO coil transmitter should be in line with the flight lines. It's specifications are:

Accuracy:	1%
Reading interval:	1/2 second
Model:	TOTEM 2A
Manufacturer:	Herz Industries, Toronto

The VLF sensor is mounted in the left wing tip extension.

Other instruments are:

- King KRA-10A Radar altimeter
- UDAS-100 data processor with Digidata nine track tape recorder,

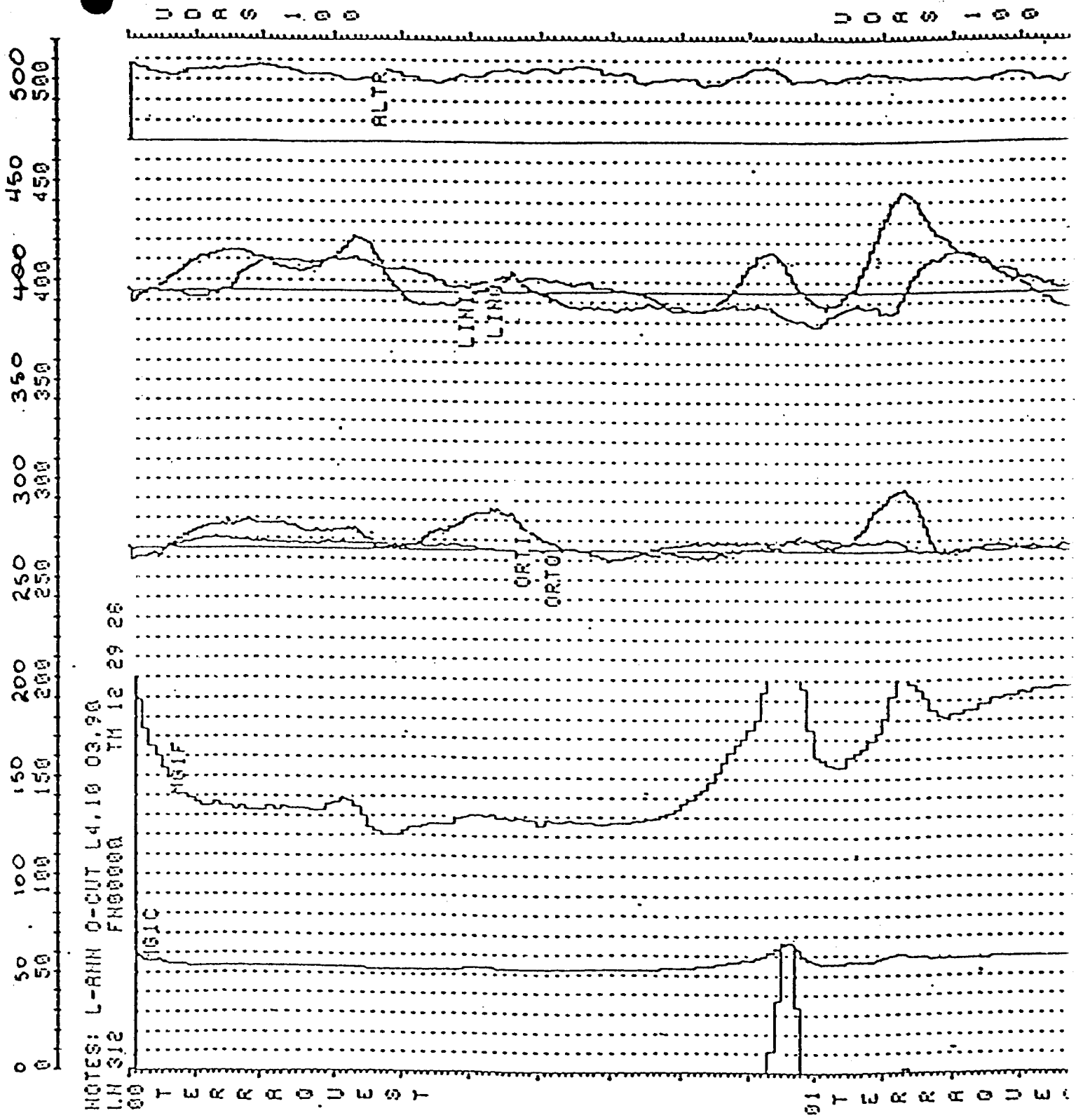


FIGURE 7. SAMPLE OF ANALOGUE DATA

manufactured by Urtec Ltd., Markham, Ontario.

- Geocam video camera and recorder for flight path recovery, manufactured by Geotech Ltd., Markham, Ontario.

4.2 Lines and Data

- a) Line spacing: 100 meters
- b) Line direction:
 - Block #1 345 degrees
 - Block #2 315 degrees
 - Block #3 340 degrees
 - Block #4 320 degrees
 - Block #5 340 degrees
- c) Terrain clearance: 100 meters
- d) Average ground speed: 156 km/hr
- e) Data point interval:
 - Magnetic: 42 meters
 - VLF-EM: 21 meters
- f) Tie Line interval: 2 kilometers
- g) Channel 1 (LINE):
 - Blocks 1,2 & 4 - NAA Cutler, 24.0 kHz
 - Block # 3 - NSS Annapolis, 21.4 kHz
 - Block # 5 - NLK Seattle, 24.8 kHz
- h) Channel 2 (ORTHO):
 - Blocks 1,2,4 & 5 - NSS Annapolis, 21.4 kHz
 - Block # 3 - NLK Seattle, 24.8 kHz
- i) Line km over total survey area: 823
- j) Line km over claim groups: 465

4.3 Tolerances

- a) Line spacing: Any gaps wider than twice the line spacing and longer than 10 times the line spacing were filled in by a new line.
- b) Terrain clearance: Portions of line which were flown above 125 meters for more than one km were reflown if safety considerations were acceptable.
- c) Diurnal magnetic variation: Less than twenty gammas deviation from a smooth background over a period of two minutes or less as seen on the base station analogue record.
- d) Manoeuvre noise: Approximately +/-5 gammas.

4.4 Photomosaics

For navigating the aircraft and recovering the flight path, mosaics of aerial photographs were made from existing air photos.

In order to provide a semi-controlled base the photos were laid down on a topographic map which had been photographically adjusted to the photo scale. The laydown was then photographed and printed at the final map scale.



5. DATA PROCESSING

Flight path recovery was carried out in the field using a video tape viewer to observe the flight path as recorded by the Geocam video camera system. The flight path recovery was completed daily to enable reflights to be selected where needed for the following day.

The magnetic data was levelled in the standard manner by tying survey lines to the tie lines. The IGRF was not been removed. The total field was contoured by computer using a program provided by Dataplotting Services Inc. To do this the final levelled data set is gridded at a grid cell spacing of 1/4 the flight line spacing.

The vertical magnetic gradient is computed from the total field data using a method of transforming the data set into the frequency domain, applying a transfer function to calculate the gradient, and then transforming back into the spatial domain. The method is described by a number of authors including Grant, 1972 and Spector, 1968.

The VLF data was treated automatically so as to normalize the non conductive background areas to 100 (total field strength) and to zero (quadrature). The algorithms to do this were developed by Terraquest and will be provided to anyone interested by application to the company.

All of these dataprocessing calculations and map contouring were carried out by Dataplotting Services Inc. of Toronto.

- Grant, F.S. and Spector A.; 1970; Statistical Models for Interpreting Aeromagnetic Data; Geophysics, Vol 35
Grant, F.S.; Review of Data Processing and Interpretation Methods in Gravity and Magnetics; Geophysics, August 1972.
Spector, A.; Spectral Analysis of Aeromagnetic maps; unpublished thesis; University of Toronto, 1961.

6. INTERPRETATION

6.1 General Approach

To satisfy the purpose of the survey as stated in the introduction, the interpretation procedure was carried out on both the magnetic and VLF data. On a local scale the magnetic gradient contour patterns were used to outline geological units which have different magnetic intensity and patterns or "signatures". Where possible these are related to existing geology to provide a geological identity to the units. On a regional scale the total field contour patterns were used in the same way.

Faults and shear zones are interpreted mainly from lateral displacements of otherwise linear magnetic anomalies but also from long narrow "lows". The direction of regional faulting in the general area is taken into account when selecting faults. Folding is usually seen as curved regional patterns. Alteration zones can show up as anomalously quiet areas, often adjacent to strong, circular anomalies that represent intrusives. Magnetic anomalies that are caused by iron deposits of ore quality are usually obvious owing to their high amplitude, often in tens of thousands of gammas.

VLF anomalies are categorized according to whether the phase response is normal, reverse, or no phase at all. The significance of the differing phase responses is not completely understood although in general reverse phase indicates either overburden as the source or a conductor with considerable depth extent, or both. Normal phase response is theoretically caused by surface conductors with limited depth extent.

Areas showing a smooth response somewhat above background (ie. 110 or so) are likely caused by overburden which is thick enough and conductive enough to saturate at these frequencies. In this case no response from bedrock is seen.

6.2 Interpretation

BLOCK # 1 - (T-5025.1)

The total field magnetic relief is about 750 gammas. The vertical gradient magnetic map is dominated by numerous east trending strata of iron formation dissected by parallel northwest trending faults. Several of the iron formations possess coincident VLF-EM conductor axes and should be investigated on ground by conventional EM or IP techniques for potential sulphide mineralization.

The mafic volcanics possess significantly less magnetic character but do display weakly magnetic strata that parallel the iron formations.

The granodiorite of the Carling Granite complex to the south and of the Kasagiminnis Lake Pluton to the north both possess higher magnetic response than the mafic volcanics. In both intrusives the

magnetic character is not uniform.

BLOCK # 2 - (T-5023.2)

The total field magnetic data has a relief of approximately 900 gammas. Two parallel iron formations dominate the vertical gradient magnetic map curving to the northeast. Dislocations of these bodies provide the bases for interpreted northwest trending faults, some of which appear to be conductive. Semicontinuous moderately magnetic strata within the mafic to intermediate volcanics parallel the iron formations. The large body to the south-centre of the property may be related to complex deformation of these semicontinuous horizons.

Areas of coincident VLF-EM conductor axes and magnetic trends should be investigated on ground for potential sulphide mineralization.

Presumably the lithology to the east of the iron formation is the large granitic complex however insufficient data and magnetic overshadowing by the iron formation hinder the recognition of a definitive contact.

BLOCK # 3 - (T-5025.3)

The total field magnetic data has a relief of about 350 gammas over the Block 3 area. The granitic body to the south has a highly variable response part of which may be related to increased magnetite content toward the rim.

Weakly magnetic stratiform and nonstratiform units occur within the mafic to intermediate volcanics. Strongly magnetic strata occur to the north probably representing weak iron formations. The magnetic unit to the east may be a magnetite enriched volcanic unit as indicated on the interpretation map or possibly a magnetic rim of the granite. In the latter case the geological boundary would be shifted substantially from that indicated on the regional compilation map.

BLOCK # 4 - (T-5025.4)

The total field magnetic data has a relief of about 2,200 gammas. The vertical gradient magnetic map is strongly dominated by several northeast trending iron formations and a single northwest trending diabase dike. Numerous continuous and semicontinuous weakly magnetic strata tend northeastwards parallel to the iron formations within the mafic volcanics.

The granitic intrusive to the south has a quiet magnetic signature without an obvious magnetic rim.

The moderate strength VLF-EM conductor near the centre of the property has a well defined quadrature and is coincident with and extends from an iron formation. This has good potential for sulphide mineralization and should be investigated on ground.

BLOCK #5 - (T-5025.5)

The total field magnetic data has a relief of about 300 gammas. In this area the large granitic complex to the south has a strong and highly variable magnetic response. It is probable that the strong response is related to increased magnetite content along the outer edge of the granitic body; however the possibility of an iron rich mafic volcanic strata adjacent to the granite cannot be totally eliminated without detailed ground mapping.

The Ochig Lake Pluton to the west and north has a low magnetic signature except for two internal linear zones to the west which may represent volcanic enclaves.

The main map area is underlain by mafic volcanics with semicontinuous weakly magnetic strata trending east to northeast. Two individual strata to the north possess significantly higher magnetite content representing probable iron formation.

Several of the VLF-EM conductor axes appear to be related to lake bottom clayey sediments however several are parallel to magnetically defined strata and should be investigated on ground by conventional EM or IP techniques.

7. SUMMARY

A combined magnetic and VLF-EM survey has been done on the survey area at a data density of approximately 1.6 km. per mineral claim. The magnetic data has been used to modify and update the existing geology and has shown a number of new contacts and faults. A number of VLF-EM conductor axes were found of which some are believed to be have potential sulphide origin and have been recommended for additional investigation.

TERRAQUEST LTD.



Charles Q. Barrie, M.Sc.
Geologist

TERRAQUEST LTD.



B. APPENDIX

	List of Claims:	Number:	Claim Holder:
Block # 1 (T-5025.1)	Pa-769510-769524	(15)	Ray Morin
	Pa-769535-769554	(20)	Jean Robert
	Pa-769574	(1)	Gerard Robert
	Pa-786788-786812	(25)	Ray Morin
	Pa-786827-786836	(10)	Jean Robert
	Pa-786841	(1)	Jean Robert
	Pa-786843	(1)	Jean Robert
	Pa-786849	(1)	Jean Robert
	Pa-786858-786862	(5)	Jean Robert
Block # 2 (T-5025.2)	Pa-720209-720215	(7)	Frank Rekoskie
	Pa-720216-720222	(7)	Jack Hodge
	Pa-720223-720238	(16)	Jack Hodge
	Pa-769479-769493	(15)	Frank Rekoskie
	Pa-781465-781484	(20)	Gerard Robert
	Pa-786813-786814	(2)	Jean Robert
	Pa-786888-786890	(3)	Gerard Robert
	Pa-786893-786895	(3)	Gerard Robert
	Pa-786903-786904	(2)	Gerard Robert
	Pa-786907-786908	(2)	Gerard Robert
Block #3 (T-5025.3)	Pa-786778-786787	(11)	Ray Morin
	Pa-786891-786892	(2)	Gerard Robert
	Pa-786905-786906	(2)	Gerard Robert
Block # 4 (T-5025.4)	Pa-769384-769388	(5)	Jack Hodge
	Pa-769850-769869	(20)	Frank Rekoskie
	Pa-786763-786777	(15)	Ray Morin
	Pa-786874-786883	(10)	Gerard Robert
	Pa-824083-824113	(31)	Frank Rekoskie
Block # 5	Pa-720191-720208	(18)	Frank Rekoskie
Total Claims - 269			



4. SURVEY SPECIFICATIONS

4.1 Instruments

The survey was carried out using a Cessna 182 aircraft, registration C-FAKK, which carries a magnetometer and a VLF electromagnetic detector.

The magnetometer is a proton precession type with the sensor element mounted in an extension of the right wing tip. It's specifications are as follows:

Resolution: 0.5 gamma
Accuracy: One gamma
Cycle time: One second
Range: 20000 - 100000 gammas in 23 overlapping steps
Gradient tolerance: Up to 5000 gammas per meter
Model: GSM-8BA
Manufacturer: GEM Systems Inc., 105 Scarsdale Rd.,
Don Mills, Ontario, M3B 2R5

The VLF-EM unit uses three orthogonal detector coils to measure (a) the total field strength of the time-varying EM field and (b) the phase relationship between the vertical coil and both the "along line" coil (LINE) and the "cross-line" coil (ORTHO). The LINE coil is tuned to a transmitter station that is ideally positioned at right angles to the flight lines, while the ORTHO coil transmitter should be in line with the flight lines. It's specifications are:

Accuracy: 1%
Reading interval: 1/2 second
Model: TOTEM 2A
Manufacturer: Herz Industries, Toronto



July 25, 1985

CURRENT MAP LIST

T-5025.1	Mag, Vertical Gradient
T-5025.2	Mag, Vertical Gradient
T-5025.3	Mag, Vertical Gradient, VLF-EM
T-5025.4	Mag, Vertical Gradient, VLF-EM

TO FOLLOW SHORTLY WITH REPORT

T-5025.1	VLF-EM, Interpretation
T-5025.2	VLF-EM, Interpretation
T-5025.3	Interpretation
T-5025.4	Interpretation

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JUL 25 1985

MINING LANDS SECTION

CURRICULUM VITAE

Charles Q. Barrie
1373 Queen Victoria Ave.
Mississauga, Ontario
L5H 3H2

EDUCATION:

M.Sc. - Marine Geology; Dalhousie University, N.S. (1980)
B.Sc. - Honours Geology; McMaster University, Ont. (1977)
Diploma - Pollution Control Techniques; Seneca College, Ont.
(1972)
Senior Matriculation - King City Secondary; Ont. (1968)

EXPERIENCE:

Current - Vice President Terraquest Ltd.
1984 - Consulting Geologist, Fredericton, N.B.
1980-1983 - Geologist, Billiton Canada Ltd., N.B.
1976-1977 - Geologist, J.C. Stephen Exploration Ltd., B.C.
1975 - Geologist's Assistant, McIntyre Mines Ltd., Ont.

PUBLICATIONS:

Barrie, C.Q., 1979: Acoustic reflection stratigraphy of Makkovik Bay, Labrador; in Proc. Symp. Res. Labrador Coastal and Offshore, 1979
Barrie, C.Q., 1983: Late glacial and contemporary deposition of clay-size minerals in Makkovik Bay, Labrador. Marine Geol. 53, 199-209
Barrie, C.Q. and Piper, D.J.W., 1982: Late Quaternary marine geology of Makkovik Bay, Labrador. G.S.C. Pap. 81-17, 37p.
Piper, D.J.W., Letson, J.R.J., DeIure, A.M. and Barrie, C.Q., 1983: Sediment accumulation in low-sedimentation, wave-dominated, glaciated inlets. Sedimentary Geology 36-2

Charles Q. Barrie
Sept 10/85

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) MAG + VLF-EM

Instrument(s) GSM-8BA + TDFM 2A
(specify for each type of survey)

Accuracy see attached sheet
(specify for each type of survey)

Aircraft used Cessna 182 N

Sensor altitude 100 metres

Navigation and flight path recovery method visual/photographic means navigation - video recovery

Aircraft altitude 100 metres Line Spacing 100 metres

Miles flown over total area 823 km (511 miles) Over claims only 325 miles

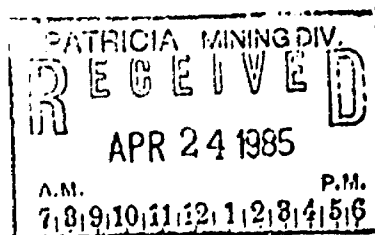
List of Claims

Dona Lake and Coucheemoskog Lake Areas

<u>Claim Block</u>	<u>Claim numbers</u>	<u>Claim holder(s)</u>	<u>Licence No.</u>	<u>Credits request</u>
1	Pa 786763	Ray Morin	D-18260	80 days
	786764	"	"	"
	786765	"	"	"
	786766	"	"	"
	786767	"	"	"
	786768	"	"	"
	786769	"	"	"
	786770	"	"	"
	786771	"	"	"
	786772	"	"	"
	786773	"	"	"
	786774	"	"	"
	786775	"	"	"
	786776	"	"	"
	<u>786777</u>	"	"	"
	15 claims			

PATRICIA MINING DIV.
RECEIVED
APR 24 1985
A.M. P.M.
7 8 9 10 11 12 1 2 3 4 5 6

<u>Claim Block</u>	<u>Claim numbers</u>	<u>Claim holder</u>	<u>Licence No.</u>	<u>Credits requested</u>
2	Pa 769384	Jack Hodge	H-9626	80 days
	769385	"	"	"
	769386	"	"	"
	769387	"	"	"
	769388	"	"	"
	786874	Gerard Robert	K-19865	"
	786875	"	"	"
	786876	"	"	"
	786877	"	"	"
	786878	"	"	"
	786879	"	"	"
	786880	"	"	"
	786881	"	"	"
	786882	"	"	"
	<u>786883</u>	"	"	"
	15 claims			



<u>Claim Block</u>	<u>Claim numbers</u>	<u>Claim Holder</u>	<u>Licence No.</u>	<u>Credits requested</u>
3	Pa 786778	Ray Morin	K-18260	80 days
	786779	"	"	"
	786780	"	"	"
	786781	"	"	"
	786782	"	"	"
	786783	"	"	"
	786784	"	"	"
	786785	"	"	"
	786786	"	"	"
	786787	"	"	"
	786891	Gerard Robert	K-19865	"
	786892	"	"	"
	786905	"	"	"
	<u>786906</u>	"	"	"
	14 claims			

PATRICIA MINING DIV.
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 APR 24 1985
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<u>Claim Bl</u>	<u>Claim numbers</u>	<u>Claim Holder</u>	<u>Licence No.</u>	<u>Credits requested</u>
4	Pa 786888	Gerard Robert	K-19865	80 days
	786889	"	"	"
	786890	"	"	"
	786893	"	"	"
	786894	"	"	"
	786895	"	"	"
	786903	"	"	"
	786904	"	"	"
	786907	"	"	"
	786908	"	"	"
	⁸ 786 9 13	Jean Robert	E-29771	"
	⁸ <u>786914</u>	"	"	"
	12 claims			

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 APR 24 1985
 A.M. P.M.
 7|8|9|10|11|12|1|2|3|4|5|6

290

<u>Claim Block</u>	<u>Claim numbers</u>	<u>Claim Holder</u>	<u>Licence No.</u>	<u>Credits requested</u>
5	Pa769850	Frank Rekoskie	k-19788	80 days
	769851	"	"	"
	769852	"	"	"
	769853	"	"	"
	769854	"	"	"
	769855	"	"	"
	769856	"	"	"
	769857	"	"	"
	769858	"	"	"
	769859	"	"	"
	769860	"	"	"
	769861	"	"	"
	769862	"	"	"
	769863	"	"	"
	769864	"	"	"
	769865	"	"	"
	769866	"	"	"
	769867	"	"	"
	769868	"	"	"
	<u>769869</u>	"	"	"
	20 claims			

PATRICIA MINING DIV.
RECEIVED
APR 24 1985
A.M. P.M.
7 8 9 10 11 12 1 2 3 4 5 6

<u>Claim Block</u>	<u>Claim numbers</u>	<u>Claim holder</u>	<u>Licence No.</u>	<u>Credits requested</u>
6	Pa 824083	Frank Rekoskie	K-19788	80 days
	824084	"	"	"
	824085	"	"	"
	824086	"	"	"
	824087	"	"	"
	824088	"	"	"
	824089	"	"	"
	824090	"	"	"
	824091	"	"	"
	824092	"	"	"
	824093	"	"	"
	824094	"	"	"
	824095	"	"	"
	824096	"	"	"
	824097	"	"	"
	824098	"	"	"
	824099	"	"	"
	824100	"	"	"
	824101	"	"	"
	824102	"	"	"
	824103	"	"	"
	824104	"	"	"
	824105	"	"	"
	824106	"	"	"
	824107	"	"	"
	824108	"	"	"
	824109	"	"	"
	824110	"	"	"

PATRICIA MINING DIV.
RECEIVED
 APR 24 1985
 P.M.
 8 9 10 11 12 1 2 3 4 5 6

cont'd.....

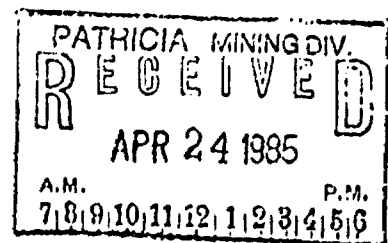
824111	"	"	"
824112	"	"	"
824113	"	"	"
<hr/>			
31 claims			

PATRICIA MINING DIV.
RECEIVED
APR 24 1985
A.M. P.M.
7|8|9|10|11|12|1|2|3|4|5|6

<u>Claim Block</u>	<u>Claim numbers</u>	<u>Claim Holder</u>	<u>Licence no.</u>	<u>Credits requested</u>
7	Pa 720223	Jack Hodge	H-9626	80 days
	720224	"	"	"
	720225	"	"	"
	720226	"	"	"
	720227	"	"	"
	720228	"	"	"
	720229	"	"	"
	720230	"	"	"
	720231	"	"	"
	720232	"	"	"
	720233	"	"	"
	720234	"	"	"
	720235	"	"	"
	720236	"	"	"
	720237	"	"	"
	<u>720238</u>	"	"	"
	16 claims			

PATRICIA MINING DIV.
RECEIVED
APR 24 1985
A.M. P.M.
7 8 9 10 11 12 1 2 3 4 5 6

<u>Claim Bl</u>	<u>Claim numbers</u>	<u>Claim Holder</u>	<u>Licence no.</u>	<u>Credits requested</u>
8	Pa 720209	Frank Rekoskie	K-19788	80 days
	720210	"	"	"
	720211	"	"	"
	720212	"	"	"
	720213	"	"	"
	720214	"	"	"
	720215	"	"	"
	720216	Jack Hodge	H-9626	"
	720217	"	"	"
	720218	"	"	"
	720219	"	"	"
	720220	"	"	"
	720221	"	"	"
	<u>720222</u>	"	"	"
	14 claims			



Claim Block Claim numbers Claim Holder Licence no. Credits requested

<u>Claim Block</u>	<u>Claim numbers</u>	<u>Claim Holder</u>	<u>Licence no.</u>	<u>Credits requested</u>
9	Pa 720191	Frank Rekoskie	K-19788	80 days
	720192	"	"	"
	720193	"	"	"
	720194	"	"	"
	720195	"	"	"
	720196	"	"	"
	720197	"	"	"
	720198	"	"	"
	720199	"	"	"
	720200	"	"	"
	720201	"	"	"
	720202	"	"	"
	720203	"	"	"
	720204	"	"	"
	720205	"	"	"
	720206	"	"	"
	720207	"	"	"
	720208	"	"	"
	720209	"	"	"

18
8 claims

PATRICIA MINING DIV.
RECEIVED
 APR 24 1985
 A.M. P.M.
 7 8 9 10 11 12 1 2 3 4 5 6

Claim Block Claim numbers Claim Holder Licence no. Credits requested

<u>Claim Block</u>	<u>Claim numbers</u>	<u>Claim Holder</u>	<u>Licence no.</u>	<u>Credits requested</u>
10	Pa 769479	Frank Rekoskie	K-19788	80 days
	769480	"	"	"
	769481	"	"	"
	769482	"	"	"
	769483	"	"	"
	769484	"	"	"
	769485	"	"	"
	769486	"	"	"
	769487	"	"	"
	769488	"	"	"
	769489	"	"	"
	769490	"	"	"
	769491	"	"	"
	769492	"	"	"
	769493	"	"	"
	781465	Gerard Robert	K-19865	"
	781466	"	"	"
	781467	"	"	"
	781468	"	"	"
	781469	"	"	"
	781470	"	"	"
	781471	"	"	"
	781472	"	"	"
	781473	"	"	"

RECEIVED
 APR 24 1985
 A.M. P.M.
 1 2 3 4 5 6

cont'd.....

<u>Claim Block</u>	<u>Claim numbers</u>	<u>Claim Holder</u>	<u>Licence no.</u>	<u>credits requested</u>
	781474	"	"	"
	781475	"	"	"
	781476	"	"	"
	781477	"	"	"
	781478	"	"	"
	781479	"	"	"
	781480	"	"	"
	781481	"	"	"
	781482	"	"	"
	781483	"	"	"
	<u>781484</u>	"	"	"
	35 claims			

PATRICIA MINING DIV.
RECEIVED
 APR 24. 1985
 A.M. P.M.
 10 11 12 1 2 3 4 5 6

Claim Block Claim numbers Claim Holder Licence no, Credits requested

Claim Block	Claim numbers	Claim Holder	Licence no,	Credits requested
11	Pa 769510	Ray Morin	D-18260	80 days
	769511	"	"	"
	769512	"	"	"
	769513	"	"	"
	769514	"	"	"
	769515	"	"	"
	769516	"	"	"
	769517	"	"	"
	769518	"	"	"
	769519	"	"	"
	769520	"	"	"
	769521	"	"	"
	769522	"	"	"
	769523	"	"	"
	769524	"	"	"
	769535	Jean Robert	E-29771	80 days
	769536	"	"	"
	769537	"	"	"
	769538	"	"	"
	769539	"	"	"
	769540	"	"	"
	769541	"	"	"
	769542	"	"	"
	769543	"	"	"
	769544	"	"	"
	769545	"	"	"
	769546	"	"	"
	769547	"	"	"
769548	"	"	"	
769549	"	"	"	

PATRICIA MINING DIV.
RECEIVED
 APR 24 1985
 A.M. P.M.
 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6

cont'd.....

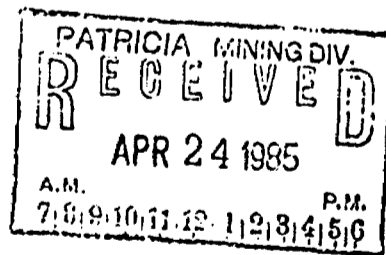
<u>Claim Block</u>	<u>Claim numbers</u>	<u>Claim holder</u>	<u>licence no.</u>	<u>Credits requested</u>
11	Pa 769550	"	"	"
	769551	"	"	"
	769552	"	"	"
	769553	"	"	"
	769554	"	"	"
	769574	Gerard Robert	K-19865	"
	786788	Ray Morin	D-18260	"
	786789	"	"	"
	786790	"	"	"
	786791	"	"	"
	786792	"	"	"
	786793	"	"	"
	786794	"	"	"
	786795	"	"	"
	786796	"	"	"
	786797	"	"	"
	786798	"	"	"
	786799	"	"	"
	786800	"	"	"
	786801	"	"	"
	786802	"	"	"
	786803	"	"	"
	786804	"	"	"
	786805	"	"	"
	786806	"	"	"
	786807	"	"	"
	786808	"	"	"
	786809	"	"	"
	786810	"	"	"
	786811	"	"	"
	786812	"	"	"

PATRICIA GANNING DIV.
RECEIVED
 APR 24 1985
 A.M. 7:18 P.M. 3:45
 1

<u>Claim Block</u>	<u>Claim numbers</u>	<u>Claim holder</u>	<u>Licence no.</u>	<u>Credits requested</u>
11	Pa 786827	Jean Robert	E-29771	80 days
	786828	"	"	"
	786829	"	"	"
	786830	"	"	"
	786831	"	"	"
	786832	"	"	"
	786833	"	"	"
	786834	"	"	"
	786835	"	"	"
	786836	"	"	"
	786841	"	"	"
	786843	"	"	"
	786849	"	"	"
	786858	"	"	"
	786859	"	"	"
	786860	"	"	"
	786861	"	"	"
	<u>786862</u>	"	"	"

~~80~~ claims

79



✓



Ministry of
Natural
Resources

Order of
the Minister

July 31
Room 6643, Whitney Block
Queen's Park
Toronto, Ontario
M7A 1W3
416/965-4888

The Mining Act

In the matter of mining claims:

PA 769384, et al, as listed
on Report of Work 85-87 in the
Areas of Dona Lake and Coucheemoskog Lake.

On consideration of an application from the recorded holder, H.J. Hodge et al
under Section 77 Subsection 22 of The Mining Act, I hereby order that the time for filing reports and plans in support of
Airborne (Electromagnetic & Magnetometer) assessment work recorded on April 24 1985
be extended until and including July 31 1985.

85.06.20

Date

Signature of Director, Land Management Branch

Copies:

Mining Recorder
Sious Lookout, Ontario

Charles Barrie
Terra Quest Ltd
Suite 905
121 Richmond Street West
Toronto, Ontario
M5H 2K1

Ray Morin
Jack Hodge
Gerard Robert
Jean Robert
Frank Rekoskie
c/o H.J. Hodge
Suite 804
34 King Street East
Toronto, Ontario
M5C 1E5

1333 (85/02)

file



Ministry of Natural Resources
Ontario

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

#85-875
28305
The Mining Act

Instructions: - Please type or print.
If number of mining claims covered 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.

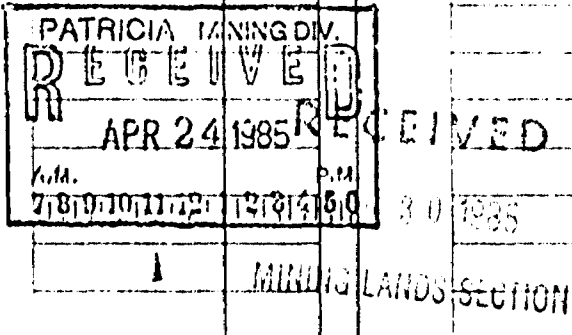
June 13th

Mining Lands

Type of Survey(s) Airborne Electromagnetic and Magnetic	Township or Area G2009; G1996 Dona L. & Couchemskog
Claim Holder(s) See attached list and claim map.	Prospector's Licence No. See attached
Address 804-34 King St E, Toronto, Ont M5C 1E5	
Survey Company Terra Quest Ltd.	Date of Survey (from & to) Day Mo Yr. Day Mo Yr. 15 04 85 20 04 85
Name and Address of Author (of Geo-Technical report) Terra Quest Ltd. 1214-111 Richmond St. W. Toronto, Ontario M5H 2G4	

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

Mining Claims Traversed (List in numerical sequence)			Mining Claims Traversed (List in numerical sequence)		
Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
See attached lists.					



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.

Pa. 720191

Total number of mining claims covered by this report of work: **207**

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
21,520	Apr. 24, 1984	<i>[Signature]</i>
	85.10.25	

Date: **April 22, 1985**

Recorded by user or Agent (Signature): *[Signature]*

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
H.J. Hodge 804-34 King St. E. Toronto, Ontario M5C 1E5

Date Certified: **April 22, 1985**

Certified by (Signature): *[Signature]*

Revised List - September 20, 1985

8. APPENDIX

	List of Claims:	Number:	Claim Holder:
Block # 1 (T-5025.1)	Pa-769510-769524	(15)	Ray Morin
	Pa-769535-769554	(20)	Jean Robert
	Pa-769574	(1)	Gerard Robert
	Pa-769575	(1)	
	Pa-786788-786812	(25)	Ray Morin
	Pa-786827-786836	(10)	Jean Robert
	Pa-786841	(1)	Jean Robert
	Pa-786843	(1)	Jean Robert
	Pa-786849	(1)	Jean Robert
	Pa-786858-786862	(5)	Jean Robert
Block # 2 (T-5025.2)	Pa-720191-720215	(25)	Frank Rekoskie
	Pa-720216-720238	(23)	Jack Hodge
	Pa-769479-769493	(15)	Frank Rekoskie
	Pa-781465-781484	(20)	Gerard Robert
Block #3 (T-5025.3)	Pa-769850-769869	(20)	Frank Rekoskie
Block # 4 (T-5025.4)	Pa-769384-769388	(5)	Jack Hodge
	Pa-786763-786787	(25)	Ray Morin
	Pa-786813-786814	(2)	Jean Robert
	Pa-786874-786883	(10)	Gerard Robert
	Pa-786888-786895	(8)	Gerard Robert
Pa-786903-786908	(6)	Gerard Robert	
Block # 5	Pa-824083-824113	(31)	Frank Rekoskie
Total Claims - 270			

August 29, 1985

File: 2.8305

Charles Barrie
Terraquest Ltd
Suite 905
121 Richmond Street West
Toronto, Ontario
M5H 2K1

Dear Sir:

RE: Airborne Geophysical (Electromagnetic &
Magnetometer) Surveys submitted on Mining
Claims PA 769384, et al, in the Areas of
Coucheemoskog Lake and Dona Lake

In order to complete your submission, please provide
a report in duplicate, containing a discussion of
the results and signed by the author.

When returning this material, please quote file 2.8305.

For further information, please contact Dennis Kinvig
at (416)965-4888.

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: H.J. Hodge
Suite 804
34 King Street East
Toronto, Ontario
M5C 1E5

cc: Mining Recorder
Sioux Lookout, Ontario
File #85-87

TERRAQUEST LTD.



September 20, 1985

Mr. Dennis Kinvig
Whitney Block, Room 6643
Queens Park
Toronto, Ontario
M7A 1W3

Re: Claims Pa - 769384 et al, File 2-8305
Revision of Claim List

Dear Mr. Kinvig:

The geotechnical report covering the airborne Mag-VLF survey for Moss Resources Limited over the above-mentioned claims had an incorrect listing of claims in the appendix. Two copies of the revised list (September 20, 1985) are enclosed to bring the report into good standing. This new list corroborates with the claim maps included in the report.

Regards,

Charles Q. Barrie
Vice President

Encl.

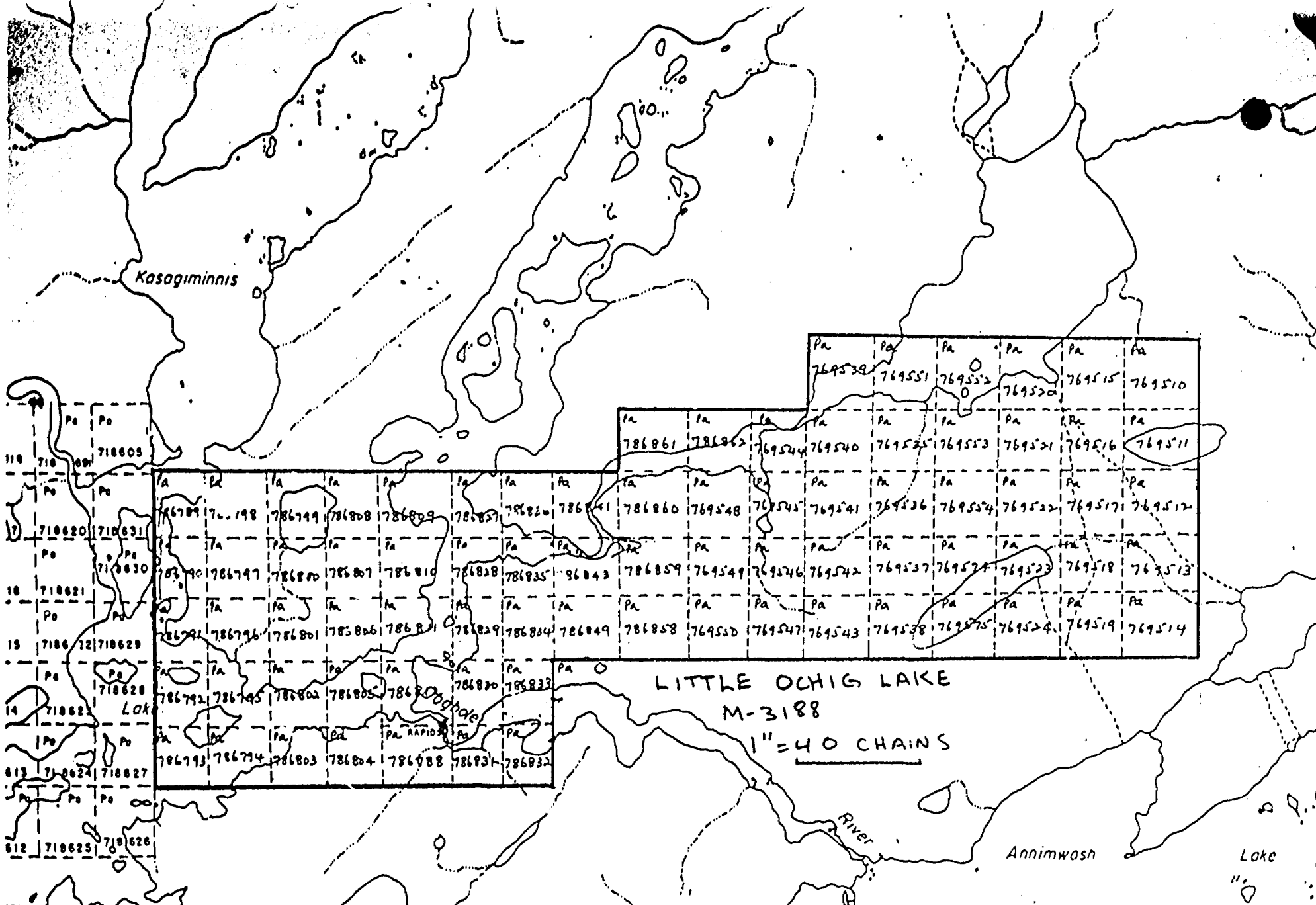
cc: Mr. H. J. Hodge
Moss Resources Limited
804 - 34 King Street, East
Toronto, Ontario
M5C 1E5

RECEIVED	
LAND MANAGEMENT BRANCH	
SEP 25 '85	
PREPARE REPLY	<input type="checkbox"/>
COMMENTS PLEASE	<input type="checkbox"/>
BY	
S. E. YINDT	
J. R. MORTON	
J. C. SMITH	✓
W. P. BROCK	
M. J. HOGAN	
D. W. SCOTT	
A. KEEN	
Return To: R.6643	

RECEIVED

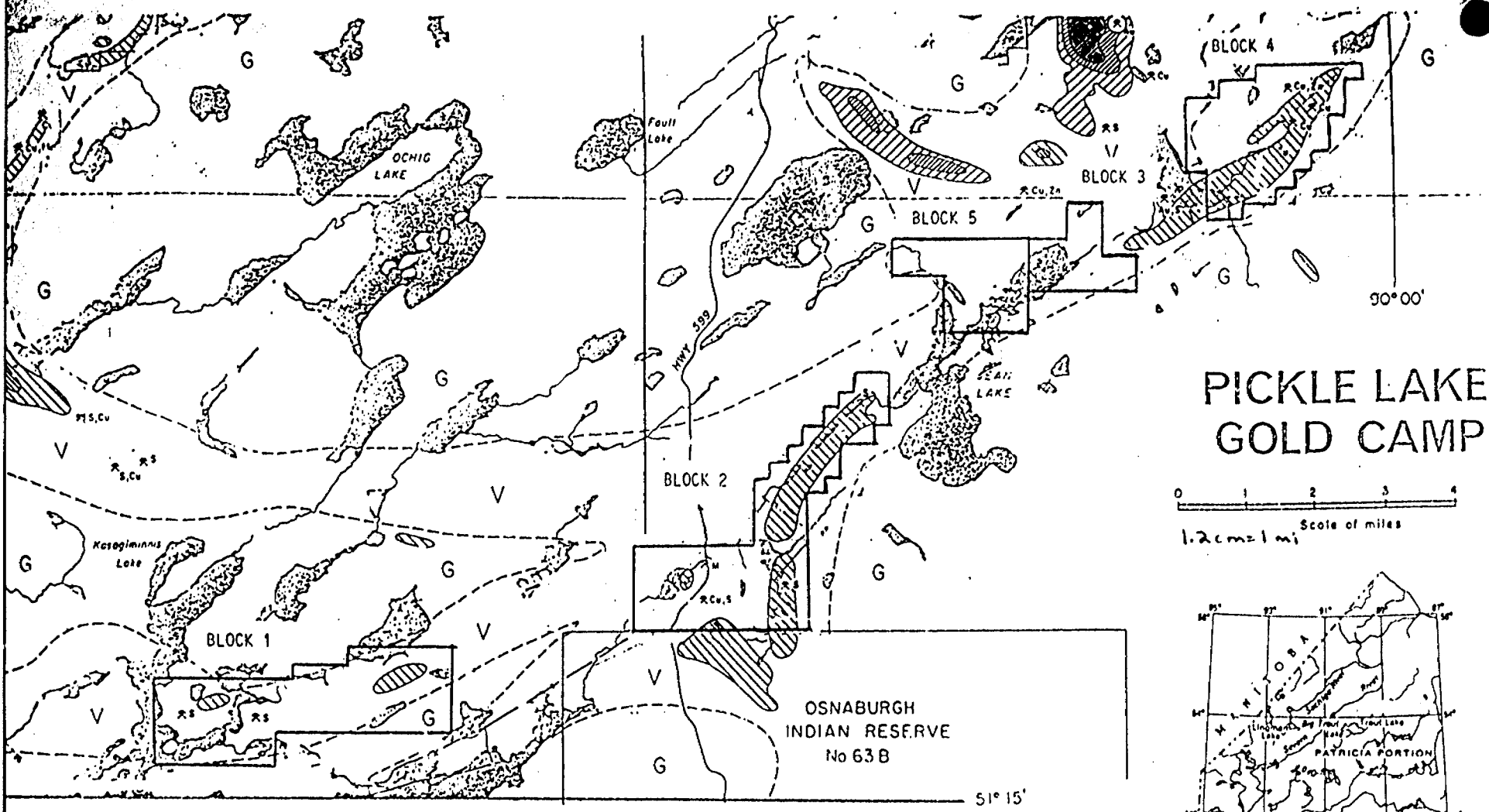
SEP 22 1985

MINING LANDS SECTION



Block # 1

FIGURE 2. Claims Map
Contract No. T-5025.1



PICKLE LAKE GOLD CAMP

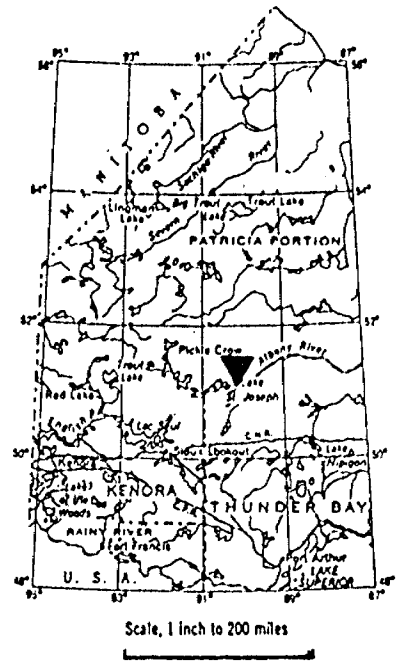
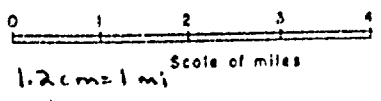


FIGURE 1. General Location Map,
Survey Blocks 1-5

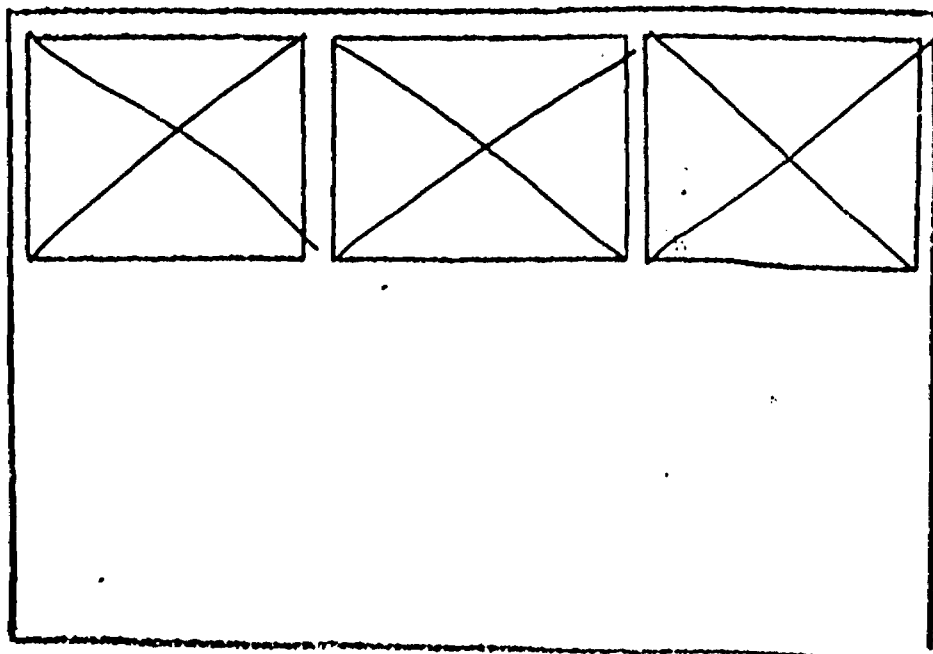
90° 15'

51° 15'

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS

520/08SW-0013, #1-3

LOCATED IN THE MAP
CHANNEL IN THE FOLLOWING
SEQUENCE (X)

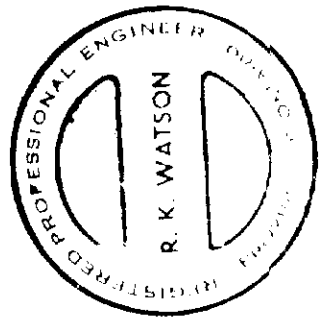
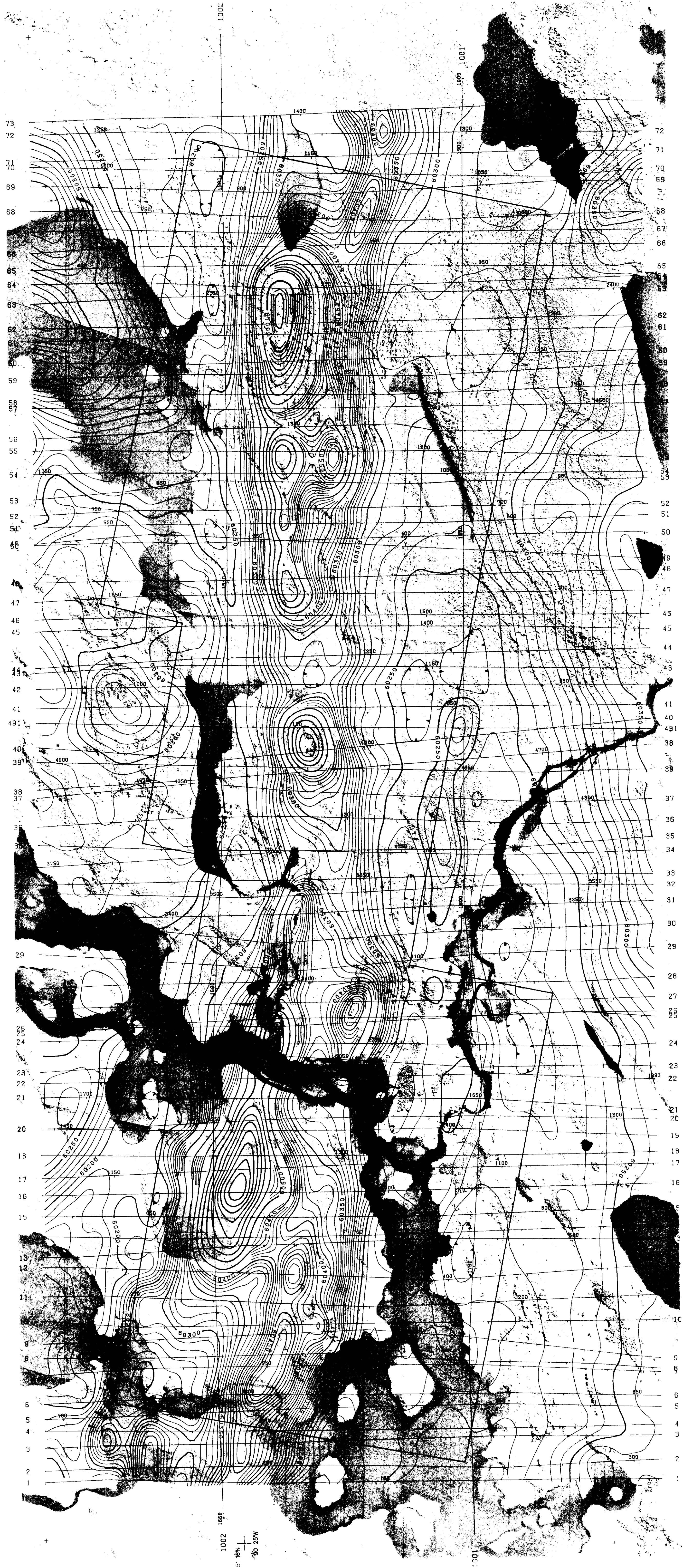


FOR ADDITIONAL

INFORMATION

SEE MAPS:

520/08SW-0013 = 4-20



52d/08sw-0013 #1

MOSS RESOURCES LTD.

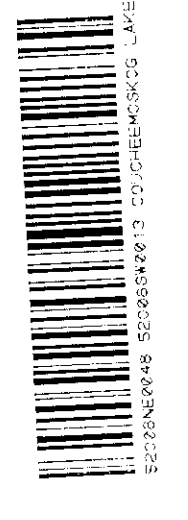
AERIAL MAGNETO SURVEY
TOTAL MAGNETIC FIELD

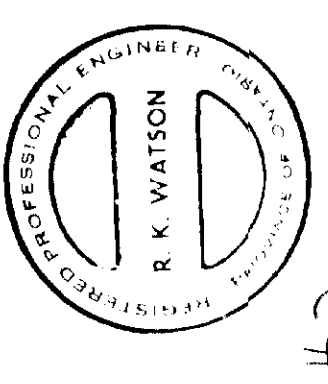
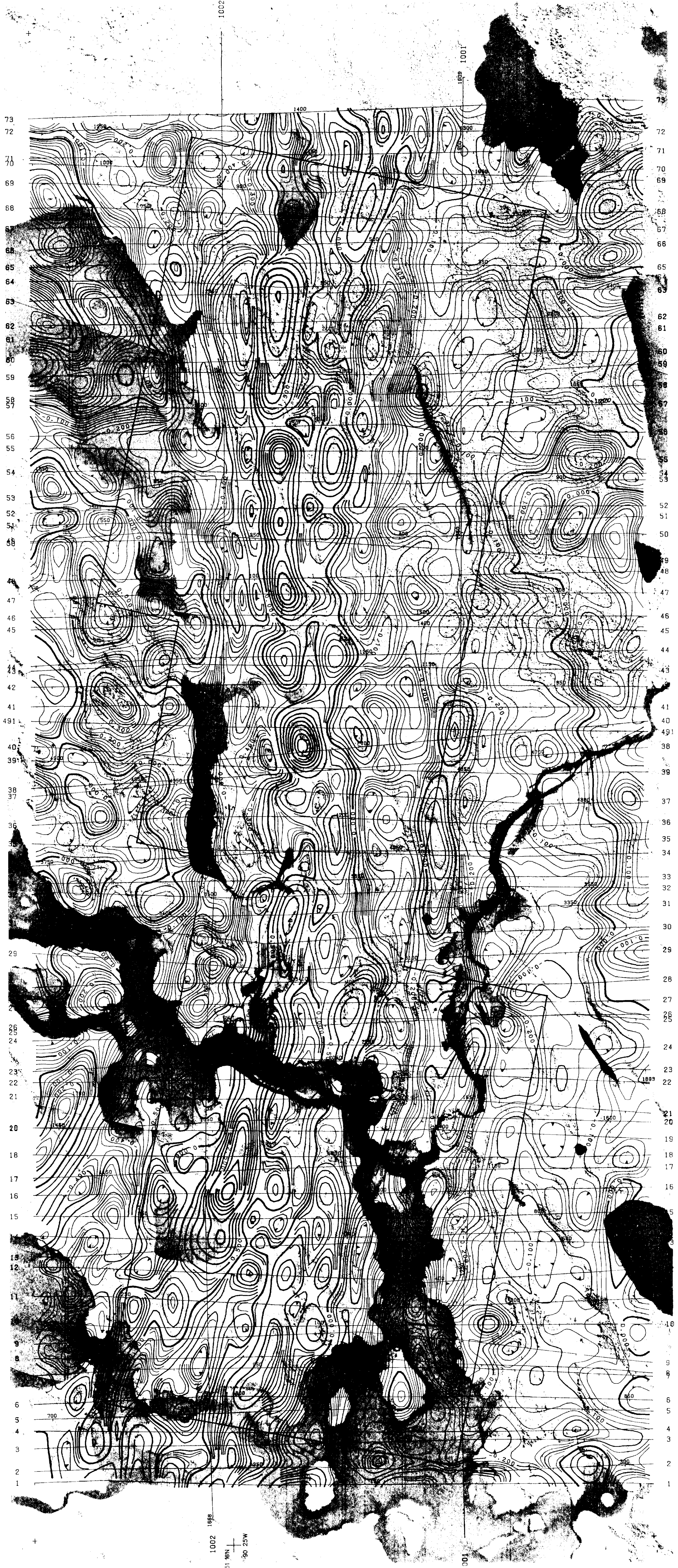
FOXE LAKE

N.T.S. NO.	52 0.8	DRAWING NO.	5025.1
SCALE	1:10,000	DATE	JULY 1985

TERRAQUEST LTD.
TORONTO, CANADA

- LEGEND
- PROPERTY BOUNDARY
 - 100 meters
 - 500 meters
 - TERRAIN ELEVATION
 - 100 meters
 - 500 meters
 - LINE SPACING
 - 1000 gamma
 - 250 gamma
 - 50 gamma
 - 10 gamma





52d/08SN-0013 #2

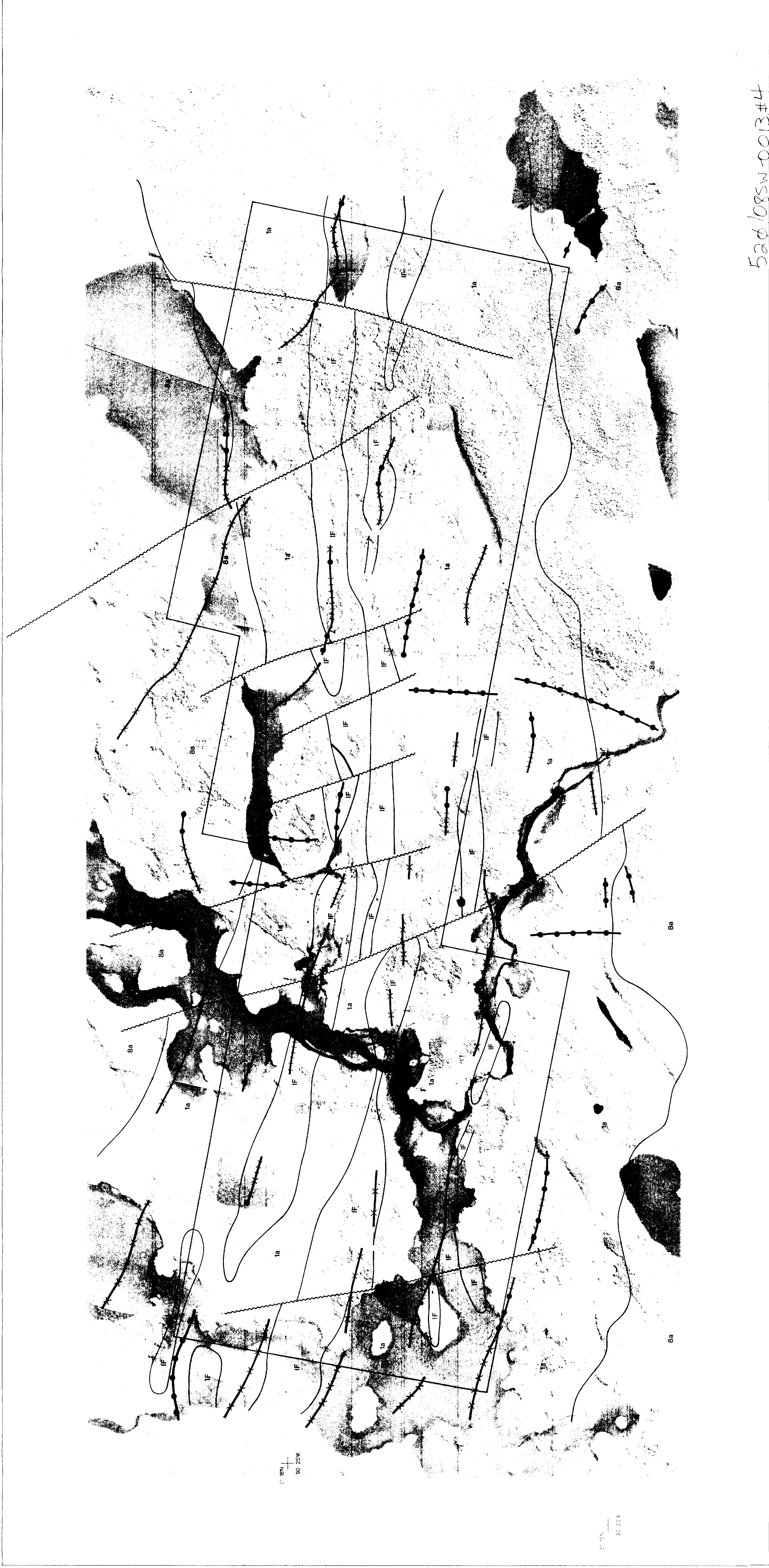
ROSS RESOURCES LTD.	
ARCOPE MAGNETO SURVEY REPT. CH. MAGNETO GRABER Collected from '61a file	
SCALE 1:10,000	
DATE JULY 1985	
PROJECT NO. 52 018	
DRAWING NO. 52-018-2	
PROJECT TITLE POLE LAKE	
TERRAQUEST LTD. TORONTO, CANADA	

- SYMBOLS
- PROPERTY BOUNDARY
 - TERRAIN CLEARANCE
 - LINE SPACING
 - 1:500 contours
 - 100 contours
 - 500 contours
 - 1000 contours
 - 2000 contours

1002 1985
51 5N
30 25W

51 5N
30 25W





526/085N-0013#4

Moss Resources Ltd.	
LITHOLOGY	
SCALE	
U.T.M. NO.	52 0 8
SCALE	1:10000
DATE	JULY 1988
Moss Resources Ltd. Toronto, Canada	

LEGEND

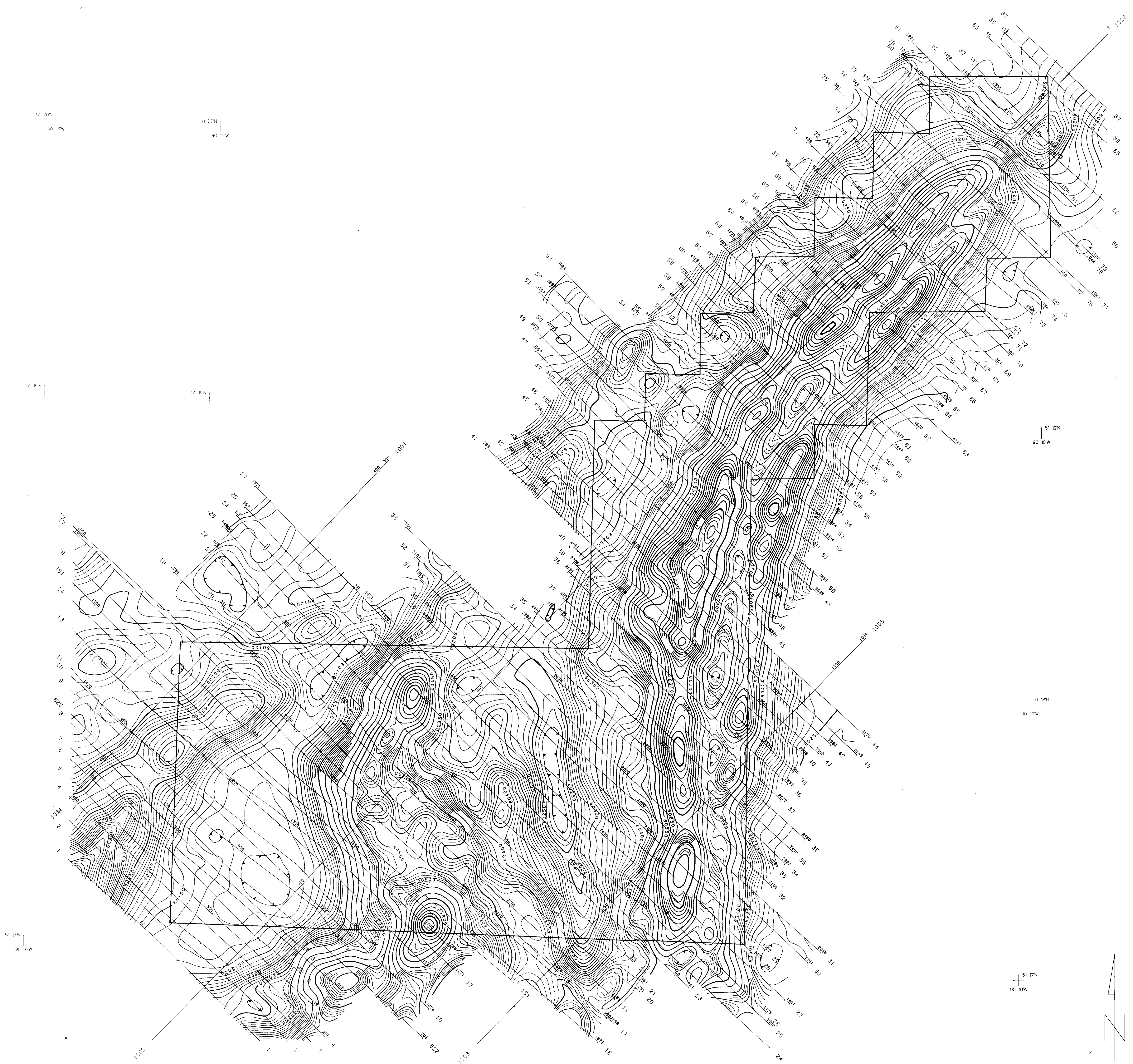
INTERPRETATION	LITHOLOGY
<ul style="list-style-type: none"> --- Contact --- Fault --- Property Boundary --- VLF-EM Conductor Axes <ul style="list-style-type: none"> normal quadrature reverse quadrature in phase only (no quadrature) 	<ul style="list-style-type: none"> 8a Granodiorite 1a Basalt and Andesite Flows IF Iron Formation

TERRAIN ELEVATION: 100 meters
 T.E. SHADING: 100 meters

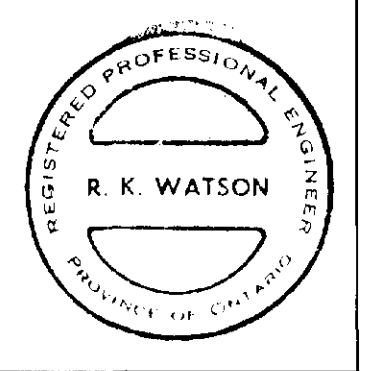
1:10000
 JULY 1988

Moss Resources Ltd.
 Toronto, Canada



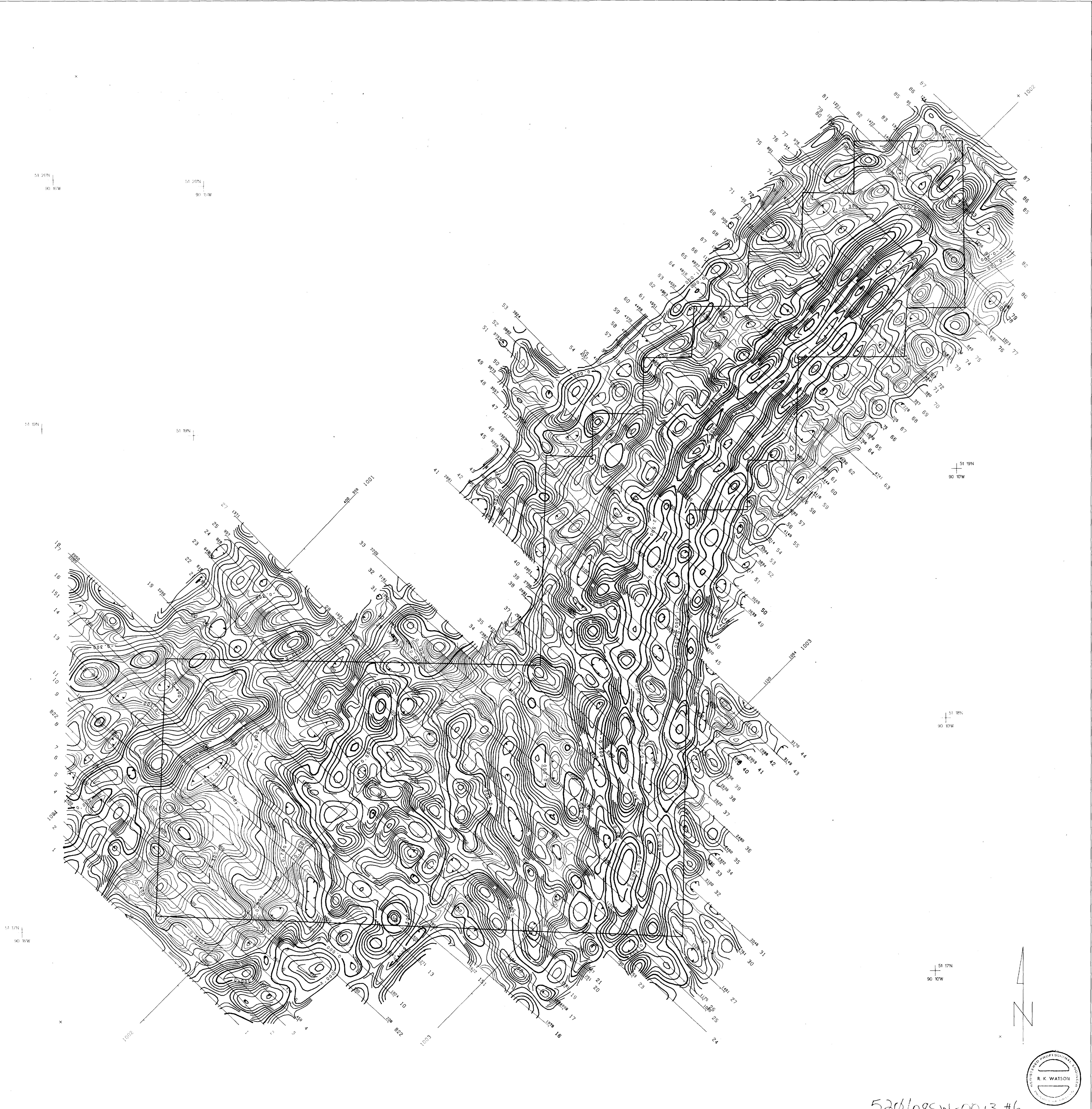


520/08SW-0013,#5



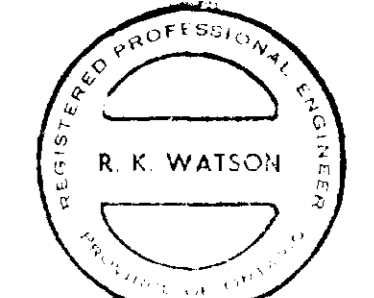
- LEGEND
- PROPERTY BOUNDARY ———
 - TERRAIN CLEARANCE ———
 - LINE SPACING ———
 - 1000 gammas ———
 - 250 gammas ———
 - 50 gammas ———
 - 10 gammas ———

MOSS RESOURCES LTD.	
AIRBORNE MAGNETIC SURVEY TOTAL MAGNETIC FIELD	
HOOKE LAKE	
N.T.S. NO. 02/0/R	DRAWING NO. T-5025.2-1
SCALE 1 : 10,000	DATE JULY 1985
TERRAQUEST LTD. TORONTO, CANADA	



LEGEND
 PROPERTY BOUNDARY
 TERRAIN CLEARANCE 100 meters
 LINE SPACING 100 meters
 2500 gamma/meter
 500 gamma/meter
 300 gamma/meter
 200 gamma/meter

520/085W-0013, #6



MOSS RESOURCE LTD.

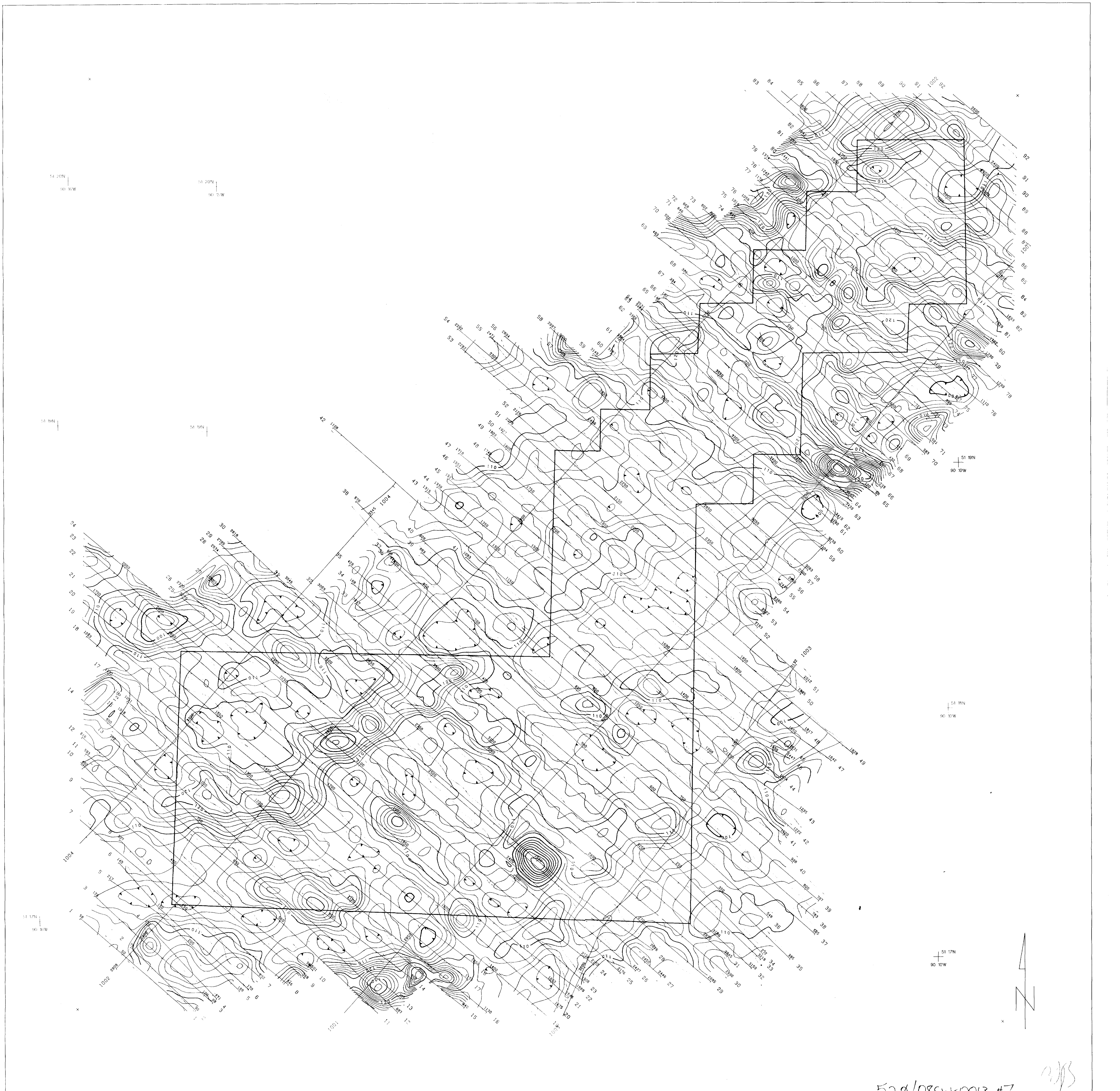
AIRBORNE MAGNETIC SURVEY
 VERTICAL MAGNETIC GRADIENT
 Calculated From Total Field

PICKLE LAKE

N.T.S. NO. 102-D/R DRAWING NO. T-M0202-2

SCALE 1:10,000 DATE JULY 1985

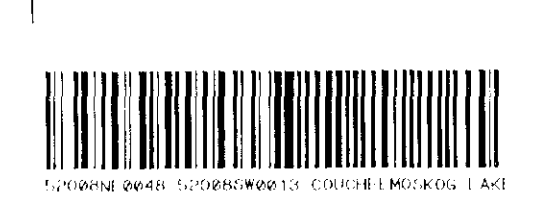
TERRAQUEST LTD.
 TORONTO, CANADA

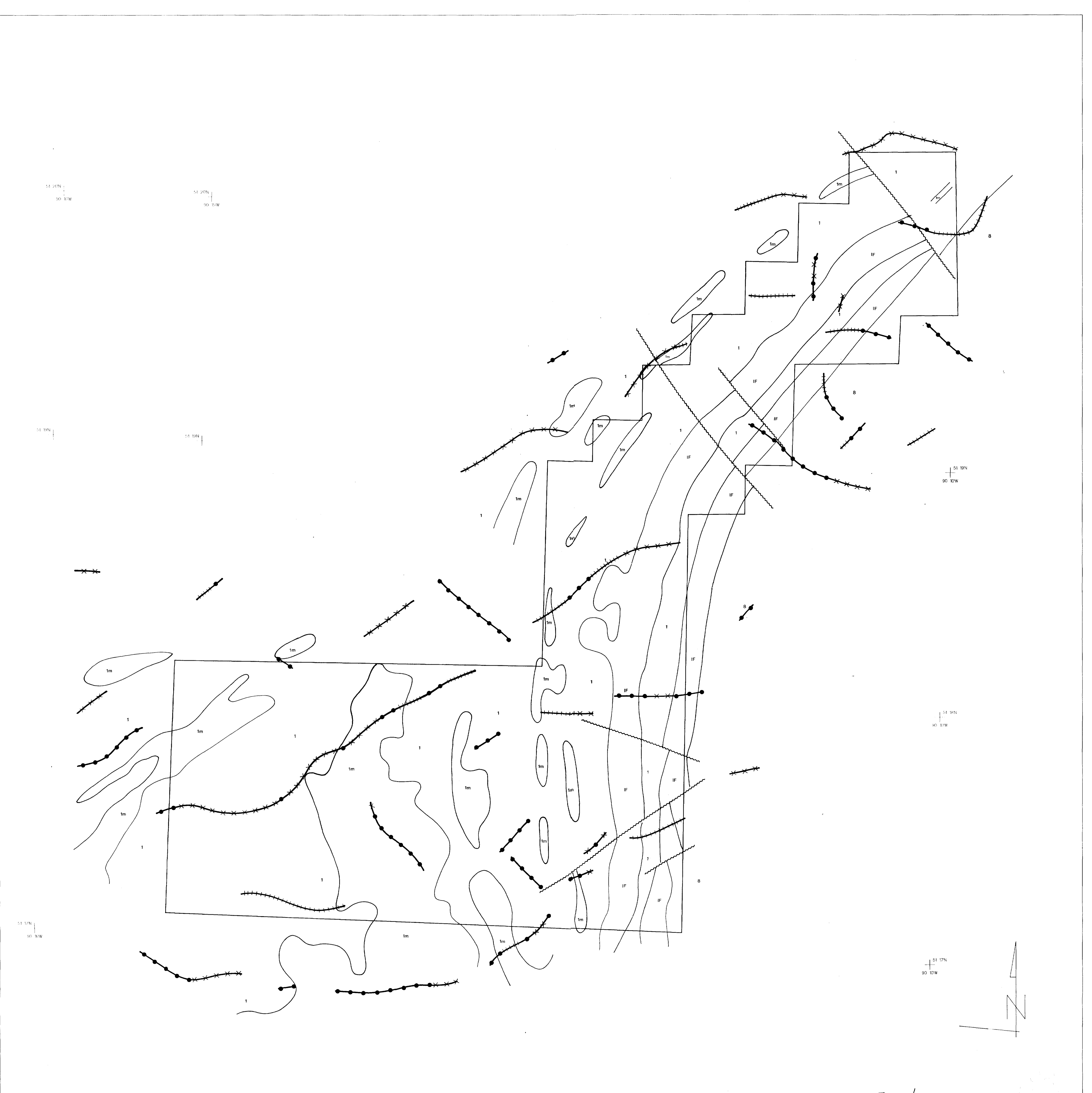


520/08SW-0013 #7 *JRS*

LEGEND	
PROPERTY BOUNDARY	300 meters
TERRAIN ICE BOUNDARY	300 meters
ICE BOUNDARY	300 meters
FIELD STRENGTH	
50 %	—
75 %	—
90 %	—
QUADRATURE	
100%	—
90%	—

MOSS RESOURCES LTD.	
AIRBORNE VLF-EM SURVEY CONTOURS OF TOTAL FIELD STRENGTH PROFILES OF QUADRATURE	
PICKLE LAKE	
NELS. NO. 52 D/R	DRAWING NO. T-50252-3
SCALE 1:50000	DATE JULY 1985
TERRAQUEST LTD. TORONTO, CANADA	





520/08SW-0013 #8

LEGEND
 TERRAIN ELEVATIONS 100 meters
 LINE SPACING 100 meters

INTERPRETATION		LITHOLOGY	
	Contact		Granite
	Fault		Mafic to intermediate volcanics
	Property Boundary		Magnetic unit in [1]
VLF-EM Conductor Axes			
	normal quadrature		
	reverse quadrature		
	in phase only		

TERRAQUEST LTD.	
TORONTO, CANADA	
INTERPRETATION	
PICKLE LAKE	
DRAWN BY: JZ 01/8	DRAWING NO.: 1 5025.2-4
SCALE: 1:10,000	DATE: JULY 1985

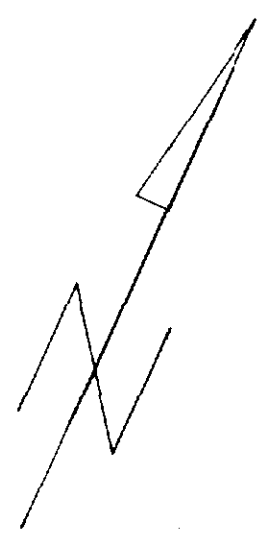
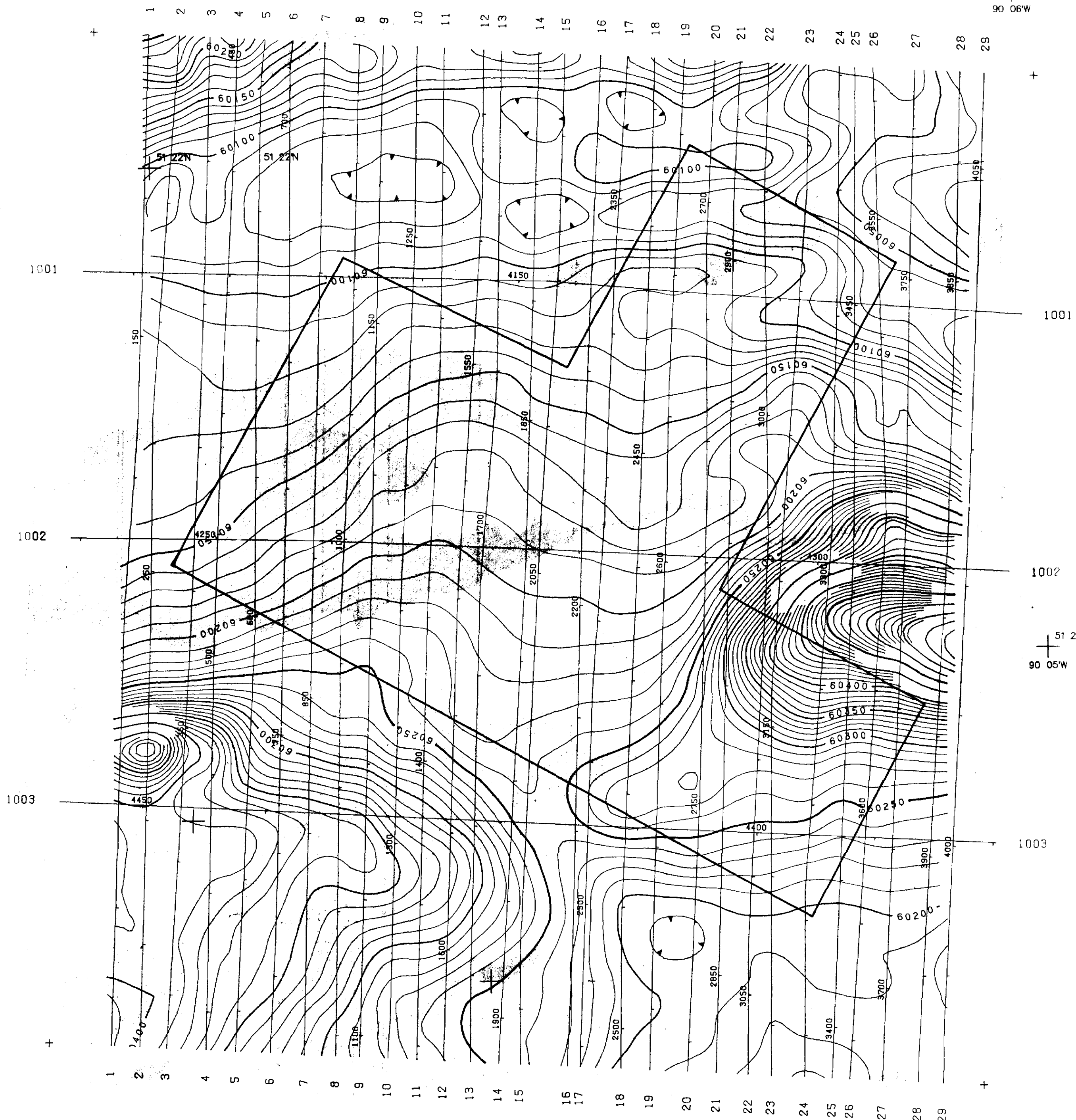
22N
90 08'W

51 23N
90 06'W

51 21N
90 08'W

51 22N
90 05'W

51 21N
90 05'W



520/08SW-0013, #9

- LEGEND
- PROPERTY BOUNDARY 100 meters
 - TERRAIN CLEARANCE 100 meters
 - LINE SPACING 100 meters
 - 1000 gammas
 - 250 gammas
 - 50 gammas
 - 10 gammas

MOSS RESOURCES LTD.

AIRBORNE MAGNETIC SURVEY
TOTAL MAGNETIC FIELD

PICKLE LAKE

N.T.S. NO: 52 0/8

DRAWING NO. T-5025.3-1

SCALE 1 : 10,000

DATE: JULY 1985

TERRAQUEST LTD.
TORONTO, CANADA



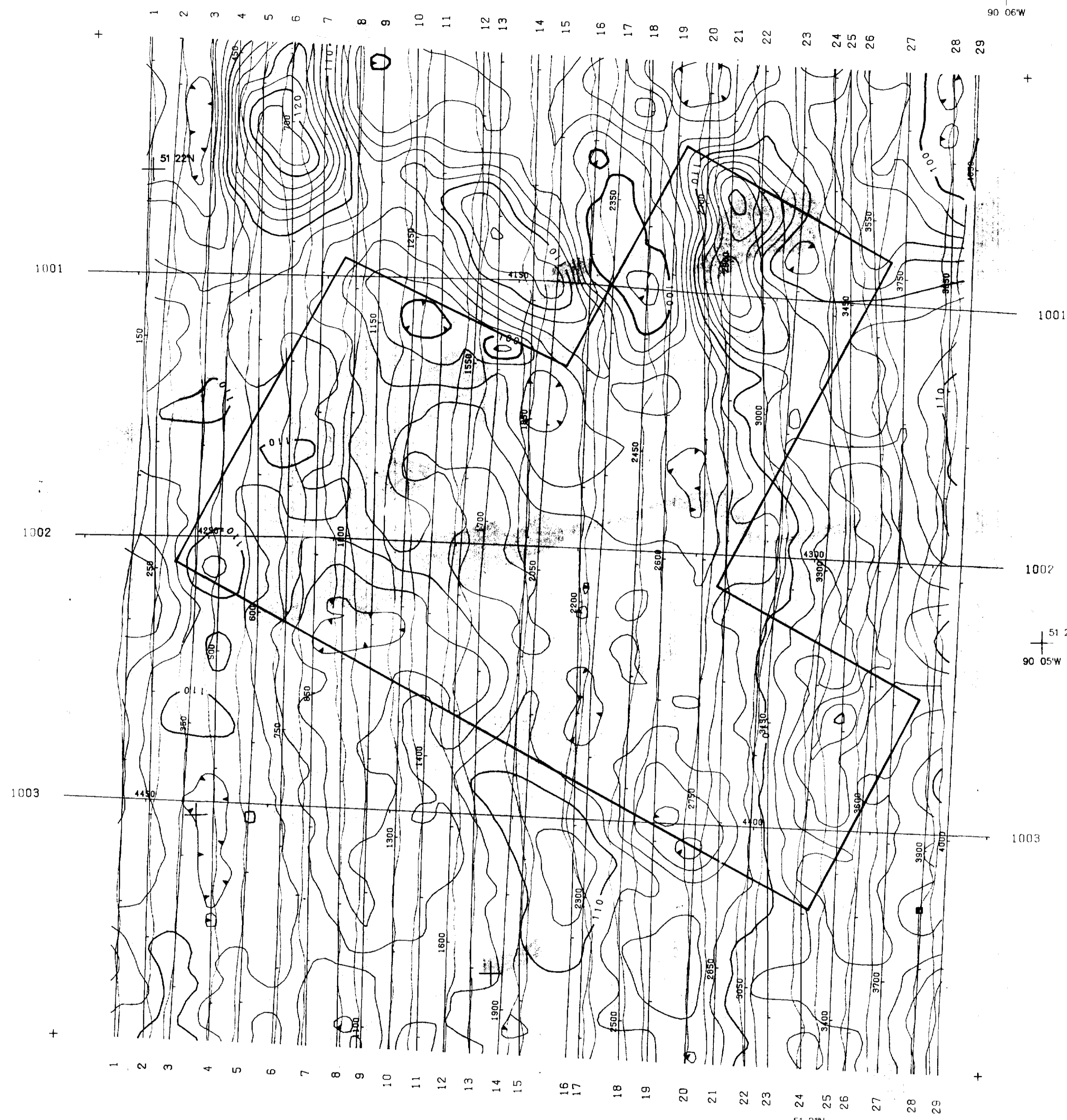
22N
90 09W

51 23N
90 06W


51 21N
90 08W

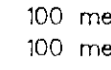
51 22N
90 05W


51 21N
90 05W



LEGEND

PROPERTY BOUNDARY 


TERRAIN CLEARANCE 


LINE SPACING 


100 meters

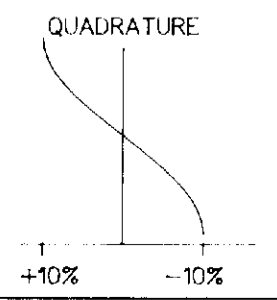
100 meters

FIELD STRENGTH

50 % 

10 % 

2 % 



520/08SW-0013#11



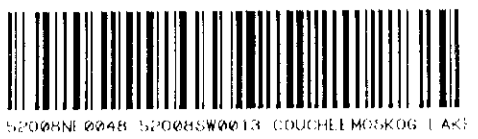
MOSS RESOURCES LTD.

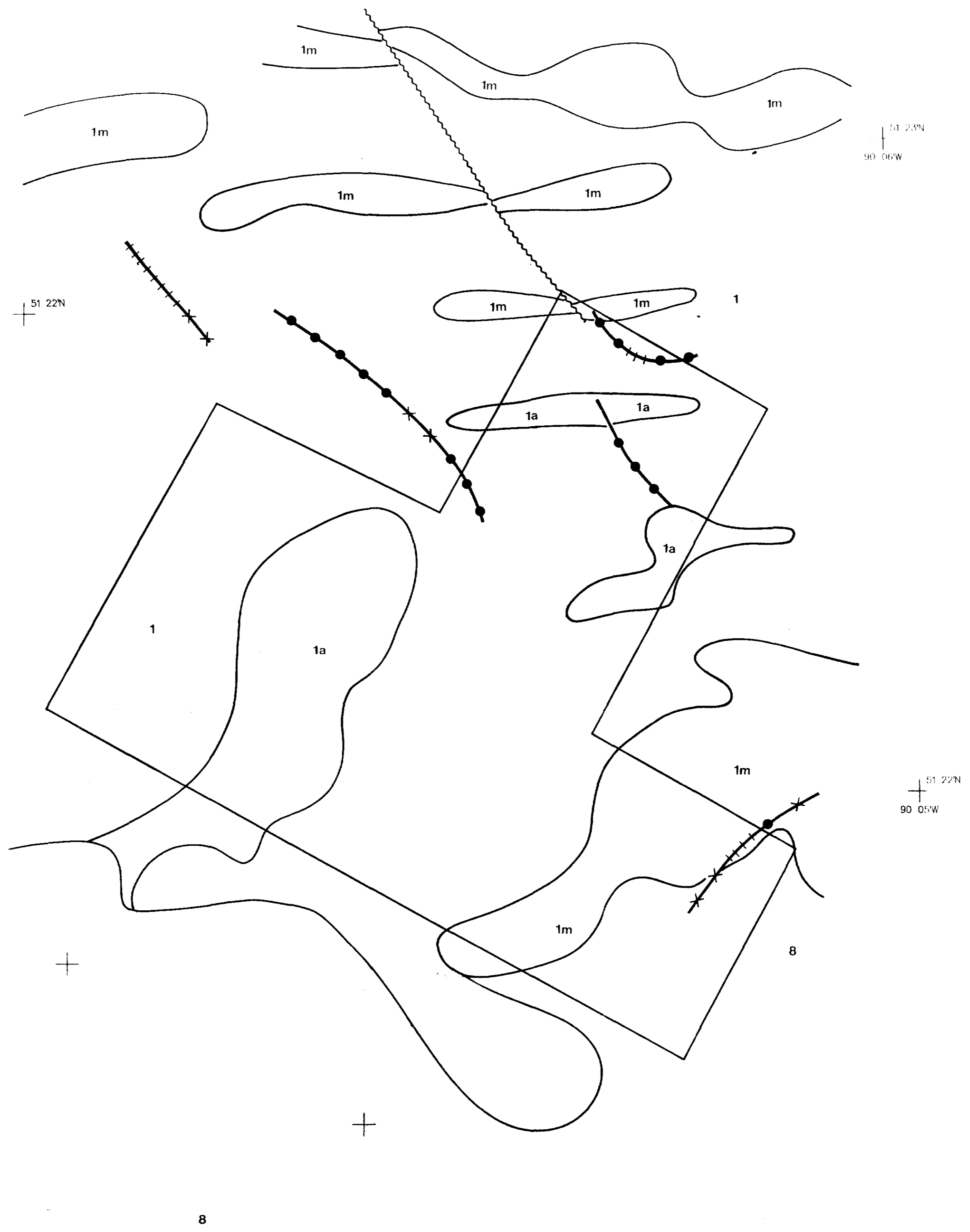
AIRBORNE VLF-EM SURVEY
CONTOURS OF TOTAL FIELD STRENGTH
PROFILES OF QUADRATURE

PICKLE LAKE

N.T.S. NO:	52 0/8	DRAWING NO:	T-5025.3-3
SCALE	1 : 10,000	DATE:	JULY 1985

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TORONTO, CANADA





520/085W-0013, #12

INTERPRETATION

— Contact
 ~~~~~ Fault  
 — Property Boundary

**VLF-EM Conductor Axes**

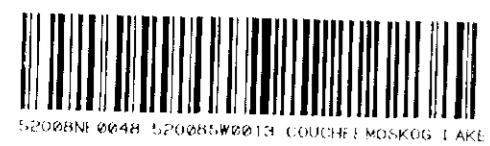
+++++ normal quadrature  
 -x-x-x- reverse quadrature  
 ●-●-● in phase only (no quadrature)

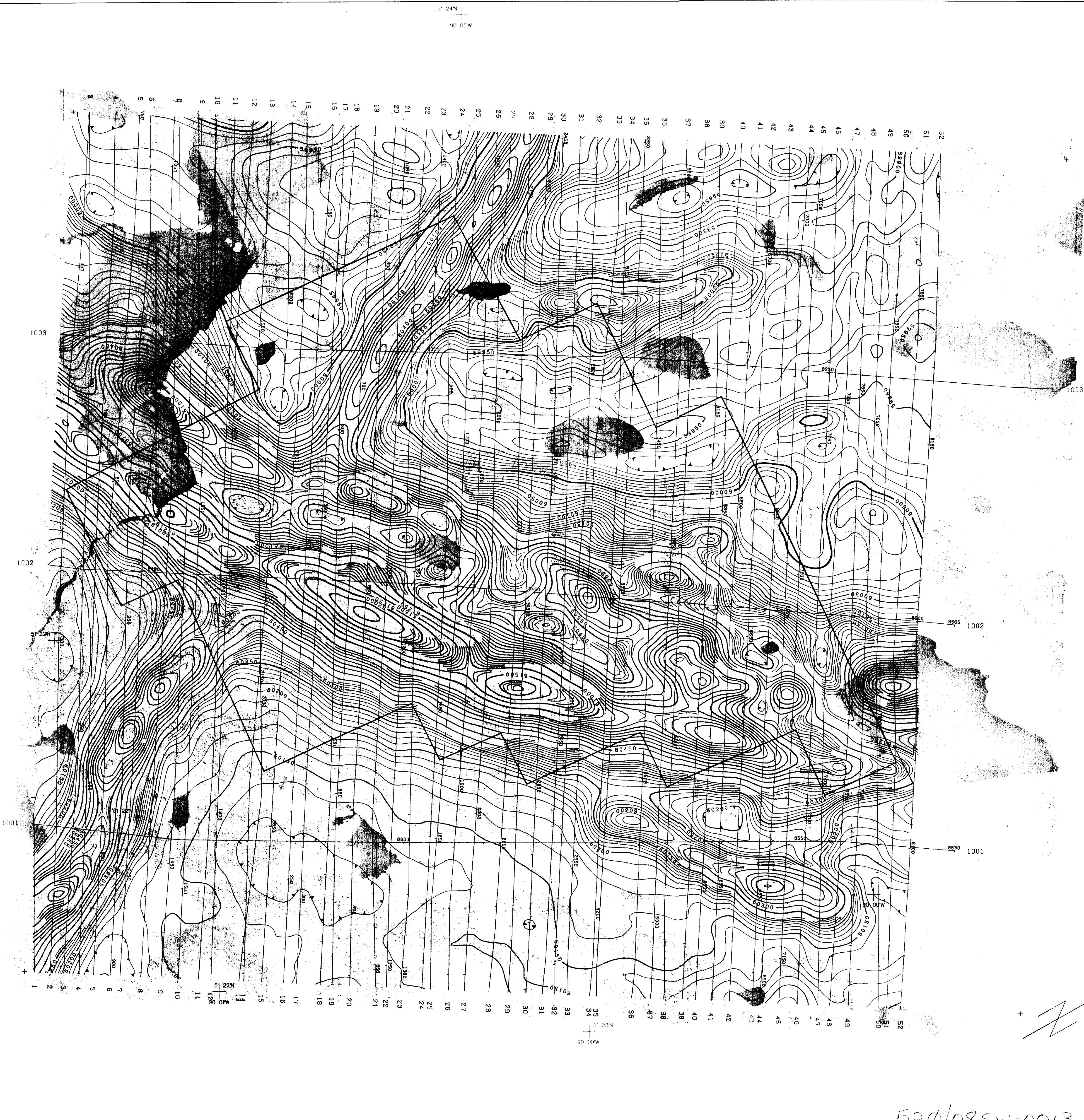
**LEGEND**

**LITHOLOGY**

[ 8 ] Granite  
 [ 1 ] Basic Volcanics  
 [ 1a ] Weakly magnetic unit in [ 1 ]  
 [ 1m ] Magnetic unit in [ 1 ]

|                                    |                        |
|------------------------------------|------------------------|
| MOSS RESOURCE LTD.                 |                        |
| INTERPRETATION                     |                        |
| PICKLE LAKE                        |                        |
| N.T.S. NO: 52 0/R                  | DRAWING NO: T-5025.3-4 |
| SCALE: 1 : 10,000                  | DATE: JULY 1985        |
| TERRAQUEST LTD.<br>TORONTO, CANADA |                        |





520/08SW-0013, #13

MOSS RESOURCE LTD.

AIRBORNE MAGNETIC SURVEY  
TOTAL MAGNETIC FIELD

PICKET LAKE

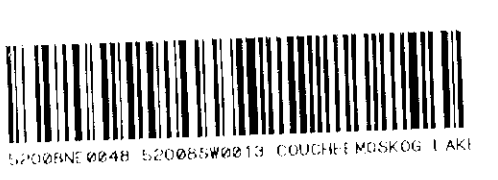
|            |            |             |            |
|------------|------------|-------------|------------|
| N.T.S. No. | 52 0/R     | DRAWING NO. | T 5025.4-1 |
| SCALE      | 1 : 10,000 | DATE        | JULY 1965  |

TERRAQUEST LTD.  
TORONTO, CANADA

- LEGEND
- PROPERTY BOUNDARY
  - TERRAIN CLEARANCE
  - LINE SPACING
  - 1000 gammas
  - 250 gammas
  - 50 gammas
  - 10 gammas

100 meters  
100 meters

51 22N  
90 00W



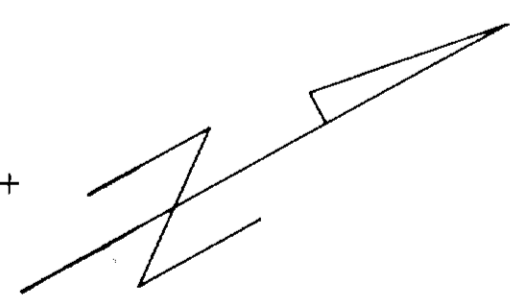
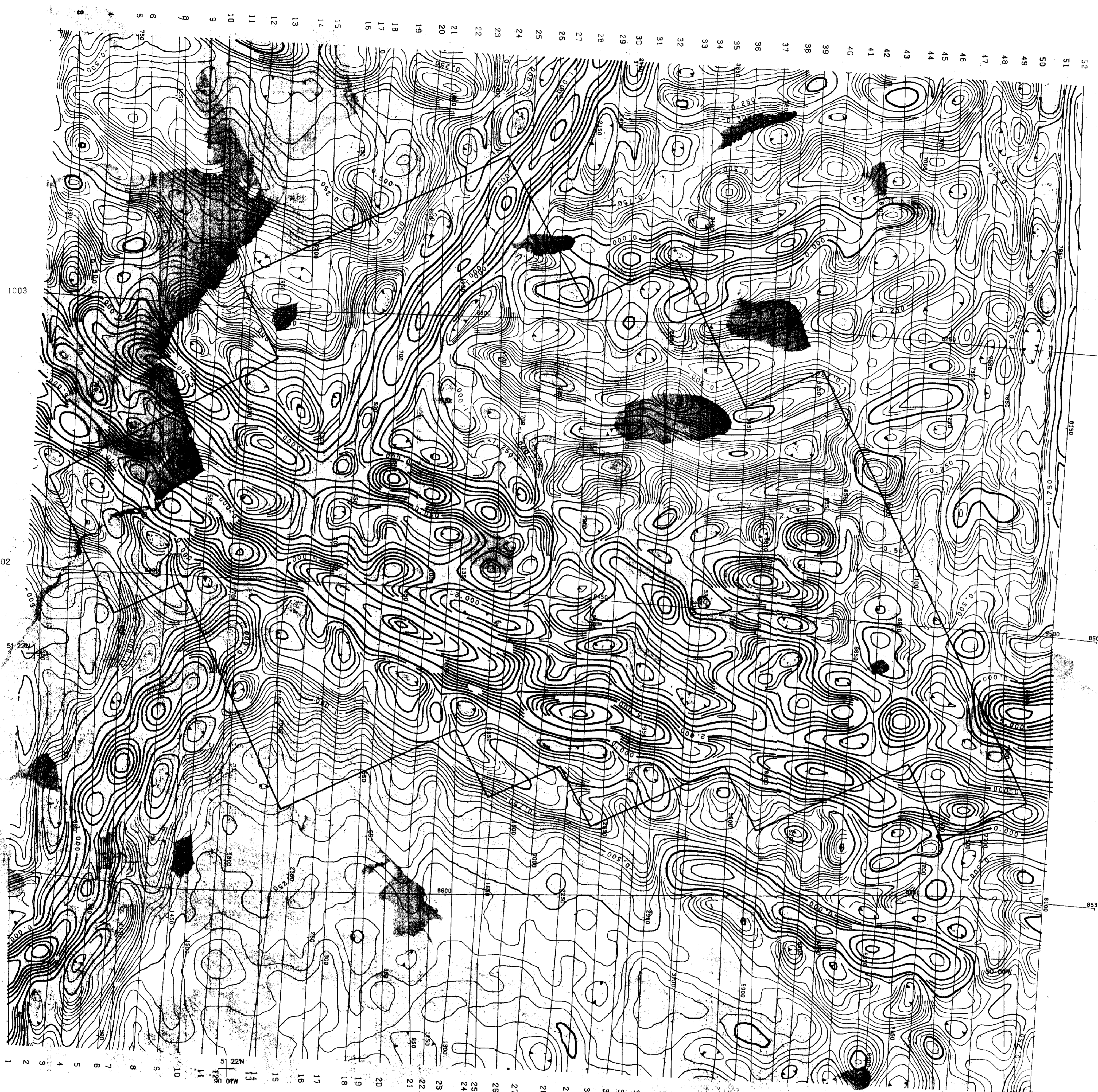
51 24N  
90 05W

51 22N  
90 04W

51 25N  
90 00W

51 22N  
90 06W

51 22N  
90 00W



520/08SW-0013, #14  
MOSS RESOURCES LTD.

LEGEND

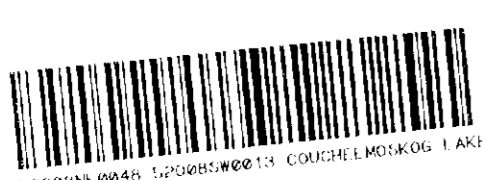
|                      |   |            |
|----------------------|---|------------|
| PROPERTY BOUNDARY    | — | 100 meters |
| TERRAIN CLEARANCE    | — | 100 meters |
| LINE SPACING         | — | 100 meters |
| 5,000 gammas / meter | — |            |
| 1,000 gammas / meter | — |            |
| .250 gammas / meter  | — |            |
| .050 gammas / meter  | — |            |

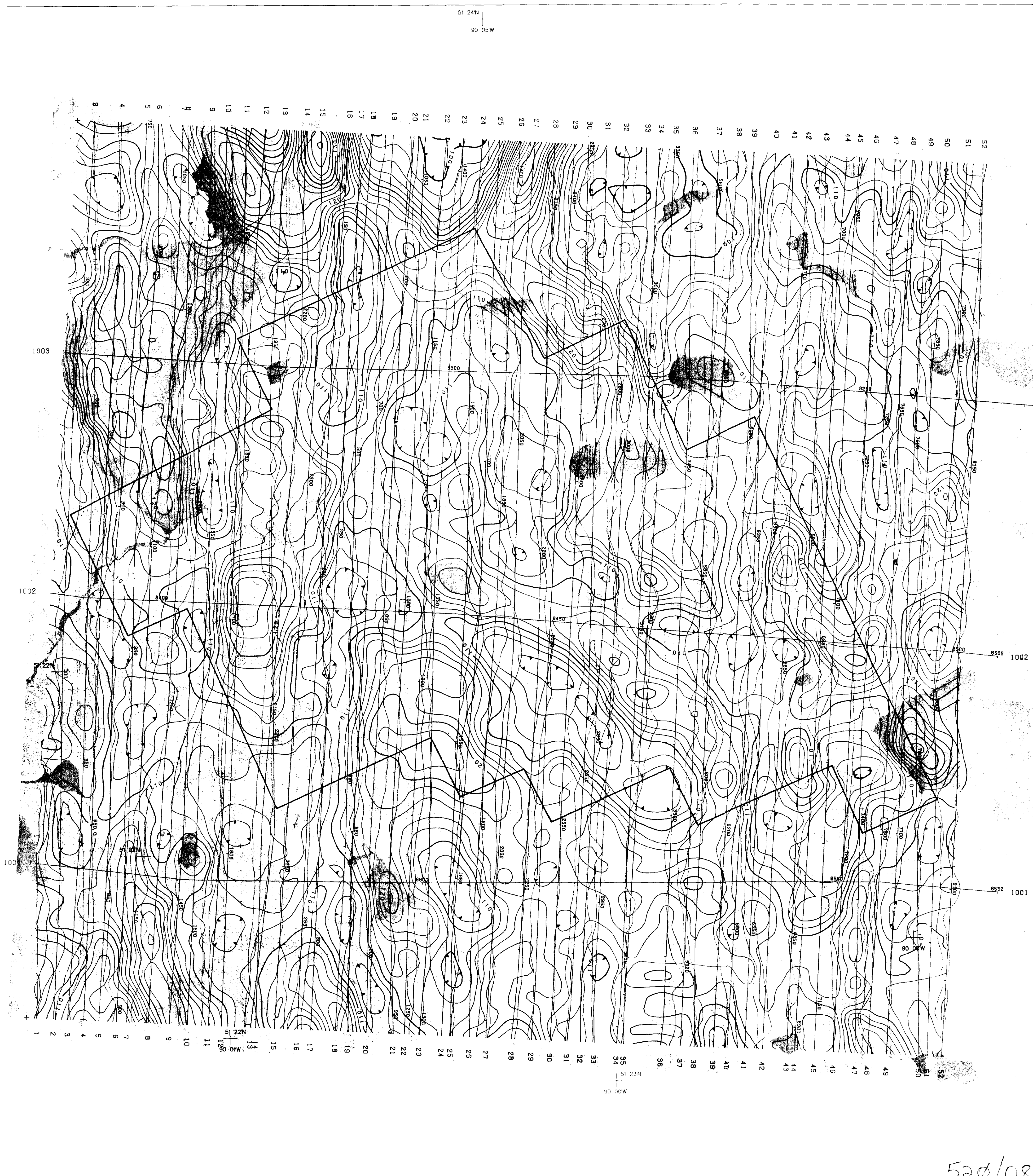
AIRBORNE MAGNETIC SURVEY  
VERTICAL MAGNETIC GRADIENT  
Calculated From Total Field

PICKLE LAKE

|            |            |             |            |
|------------|------------|-------------|------------|
| N.T.S. NO: | 52 0/8     | DRAWING NO. | T-5025.4-2 |
| SCALE      | 1 : 10,000 | DATE:       | JULY 1985  |

TERRAQUEST LTD.  
TORONTO, CANADA

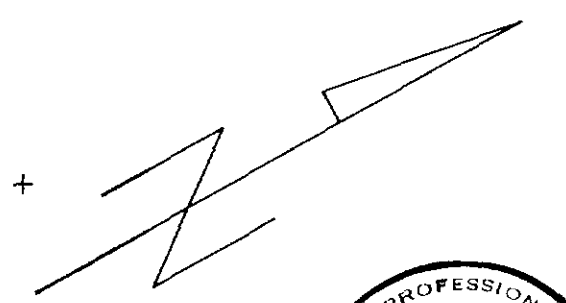




51 22N  
90 04W

51 24N  
90 05W

51 25N  
90 00W



520/085W-0013, #15

**LEGEND**

PROPERTY BOUNDARY ————

TERRAIN CLEARANCE - - - - -

LINE SPACING ————

**FIELD STRENGTH**

50 % ————

10 % ————

2 % ————

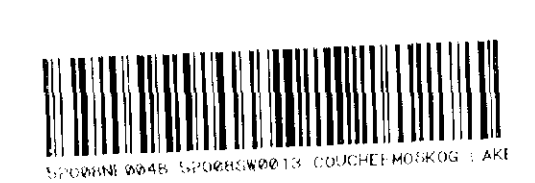
**QUADRATURE**

100 meters

200 meters

51 22N  
90 00W

|                                                                                       |                        |
|---------------------------------------------------------------------------------------|------------------------|
| MOSS RESOURCES LTD.                                                                   |                        |
| AIRBORNE VLF--EM SURVEY<br>CONTOURS OF TOTAL FIELD STRENGTH<br>PROFILES OF QUADRATURE |                        |
| PICKLE LAKE                                                                           |                        |
| N.T.S. NO: 52 0/8                                                                     | DRAWING NO. T-5025.4-3 |
| SCALE 1 : 10,000                                                                      | DATE: JULY 1985        |
| TERRAQUEST LTD.<br>TORONTO, CANADA                                                    |                        |





**INTERPRETATION**

- Contact
- - - Inferred contact
- ~ Fault
- Property Boundary

**VLF-EM Conductor Axes**

- normal quadrature
- ××××× reverse quadrature
- in phase only (no quadrature)

**LEGEND**

**LITHOLOGY**

- 10 Diabase
- 8 Granite
- 1 Basic to Intermediate Volcanics
- 1a Magnetic unit within [1]
- IF Iron Formation

**LEGEND**

- TERRAIN CLEARANCE 100 meters
- LINE SPACING 100 meters

520/08SW-0013, #16

MOSS RESOURCE LTD.

INTERPRETATION

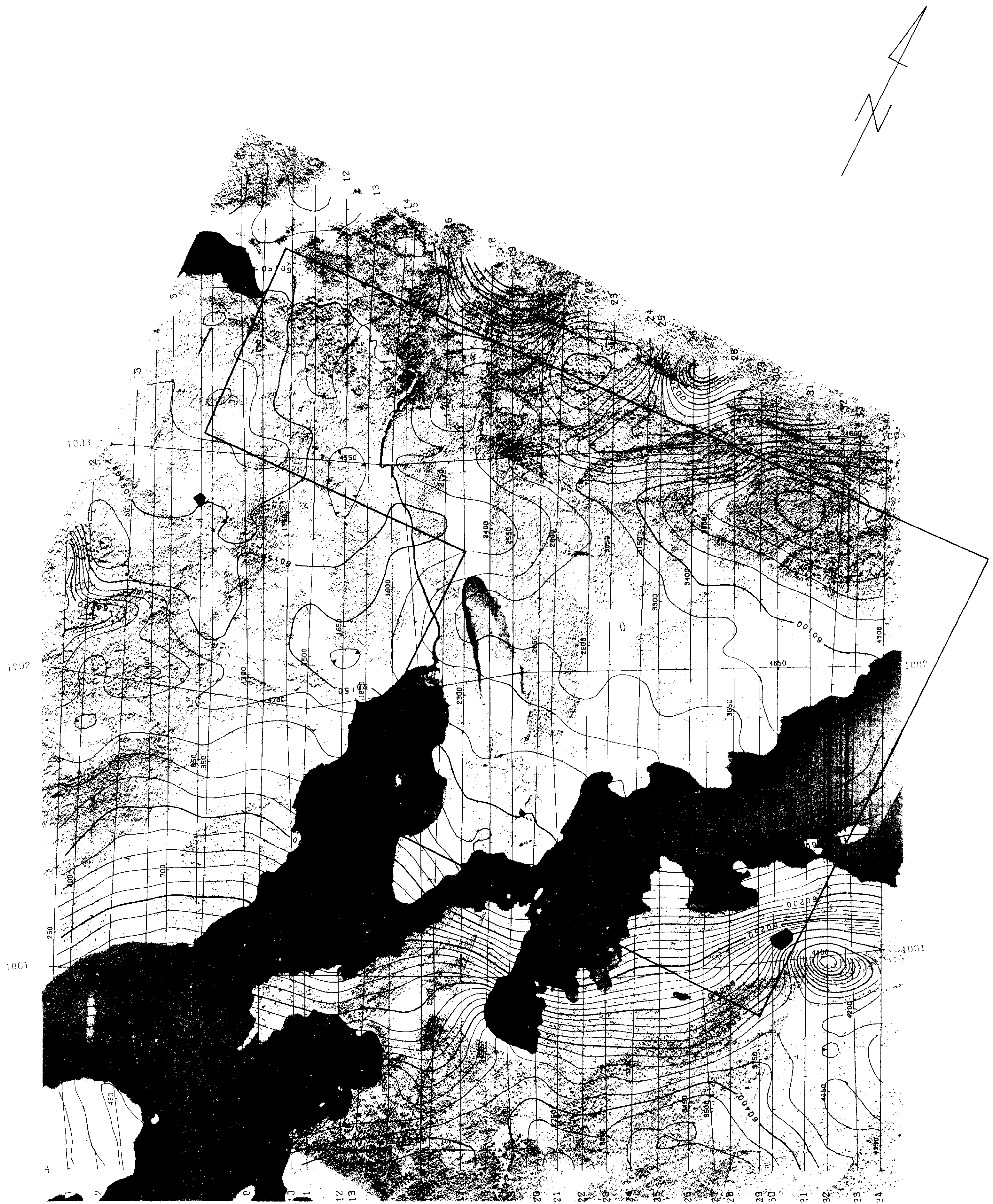
PICKLE LAKE

NTS. NO. 52 0/8 DRAWING NO. T 5025.4 4

SCALE 1 : 10,000 DATE JULY 1985

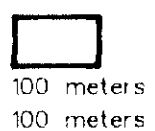
TERRAQUEST LTD.  
TORONTO, CANADA





520/08SW-0013 #17

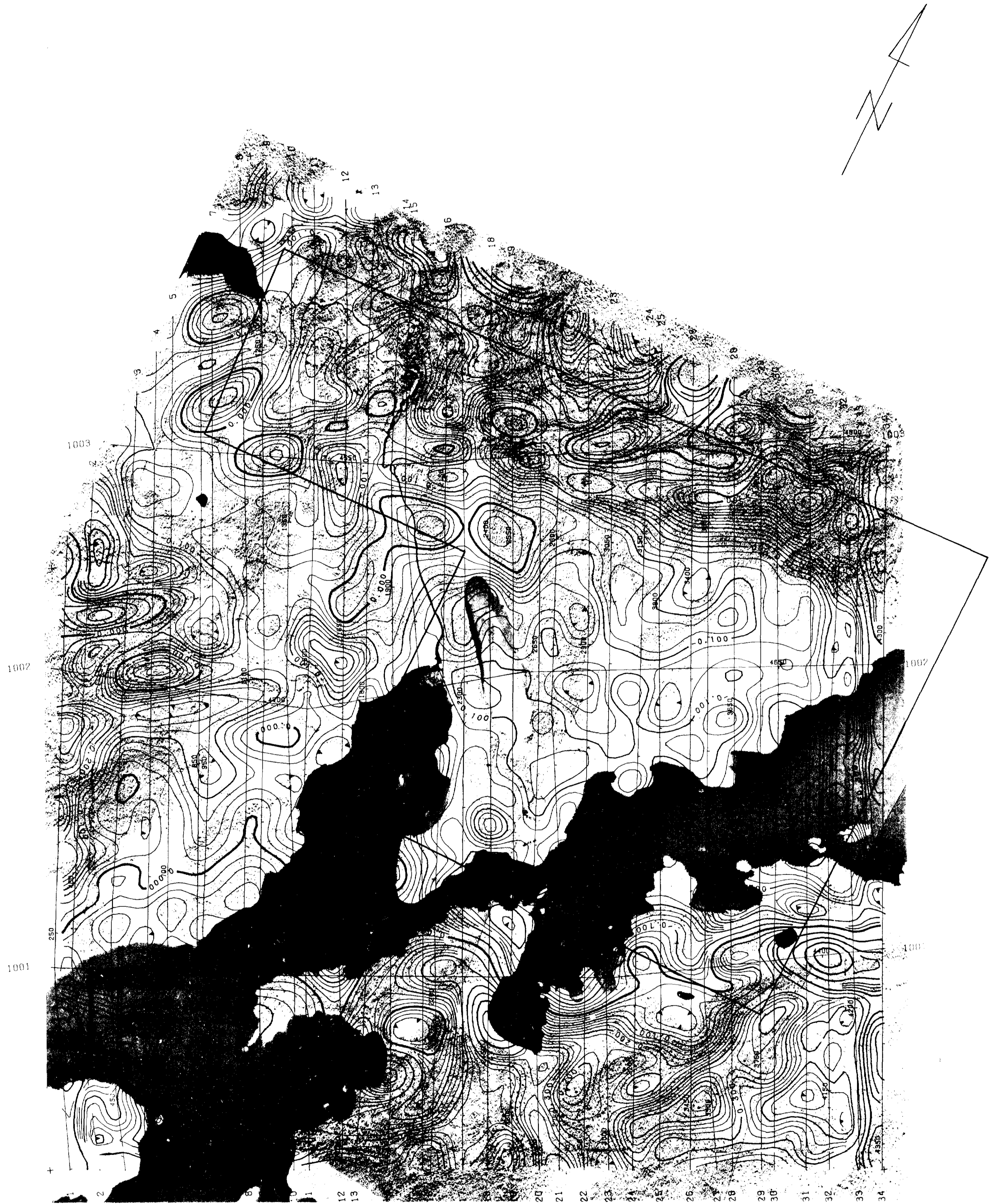
LEGEND  
 PROPERTY BOUNDARY .....  
 TERRAIN CLEARANCE .....  
 LINE SPACING .....  
 1000 gammas  
 250 gammas  
 50 gammas  
 10 gammas



|                                                  |                        |
|--------------------------------------------------|------------------------|
| MOSS RESOURCES LTD.                              |                        |
| AIRBORNE MAGNETIC SURVEY<br>TOTAL MAGNETIC FIELD |                        |
| PICKET LAKE                                      |                        |
| N.T.S. NO: 52 0/8                                | DRAWING NO: 1-5025.5-1 |
| SCALE: 1:10,000                                  | DATE: AUG 1985         |
| TERRAQUEST LTD.<br>TORONTO, CANADA               |                        |







520/08SW-0013 #18

|                         |            |
|-------------------------|------------|
| LEGEND                  |            |
| PROPERTY BOUNDARY ..... | 100 meters |
| TERRAIN CLEARANCE ..... | 100 meters |
| LINE SPACING .....      | 100 meters |
| 2,500 gammas / meter    |            |
| .500 gammas / meter     |            |
| .100 gammas / meter     |            |
| .025 gammas / meter     |            |

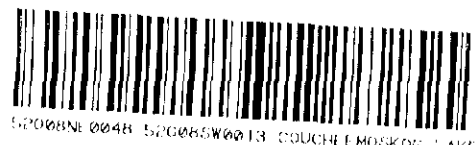
MOSS RESOURCES LTD.

AIRBORNE MAGNETIC SURVEY  
VERTICAL MAGNETIC GRADIENT  
Calculated From Total Field

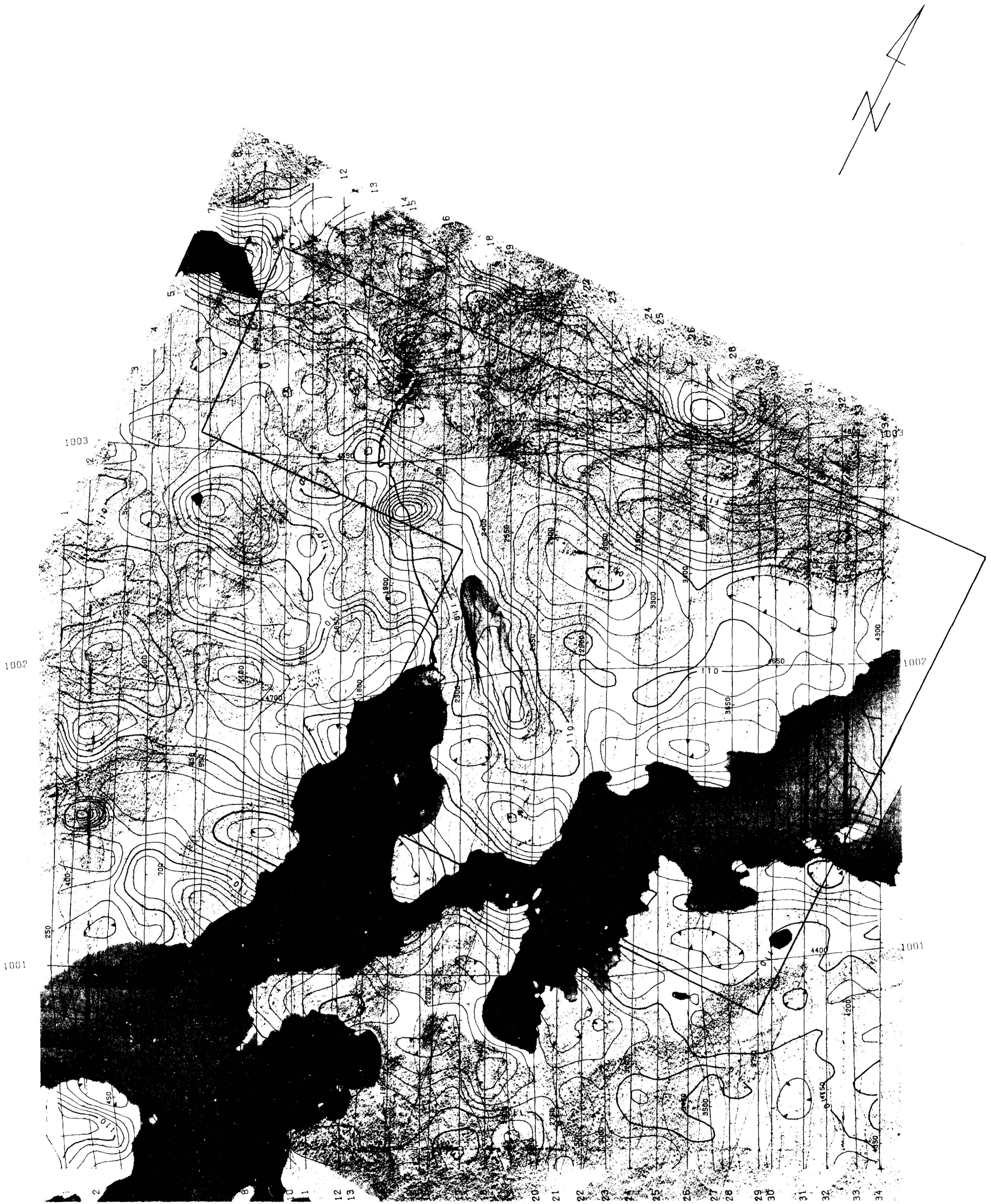
PICKET LAKE

|            |            |              |            |
|------------|------------|--------------|------------|
| N.T.S. NO: | 52 0/8     | DRAWING NO.: | T-5025.5-2 |
| SCALE:     | 1 : 10,000 | DATE:        | AUG 1985   |

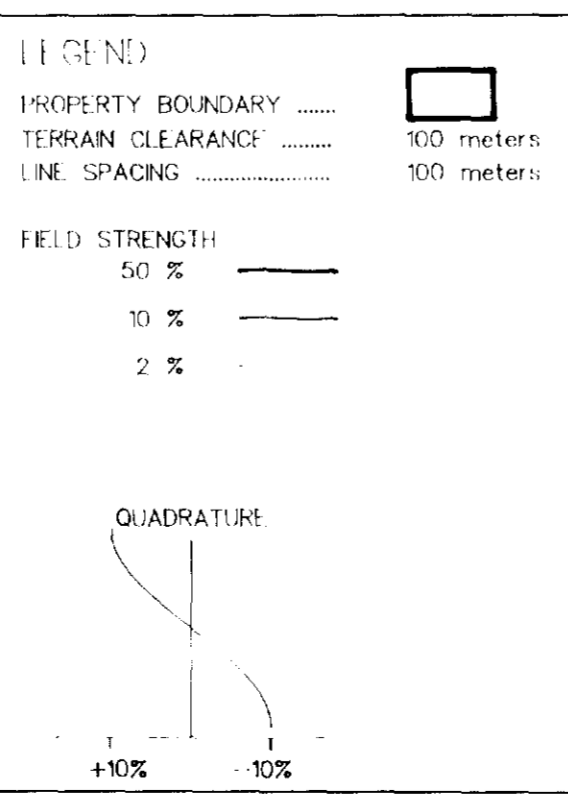
TERRAQUEST LTD.  
TORONTO, CANADA



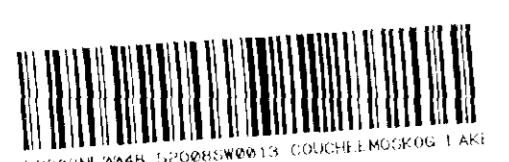
030808 0848 52080808 0848 0848 0848 0848



520/08SW-0013 #19



|                                                                                     |                        |
|-------------------------------------------------------------------------------------|------------------------|
| MOSS RESOURCES LTD.                                                                 |                        |
| AIRBORNE VLF M SURVEY<br>CONTOURS OF TOTAL FIELD STRENGTH<br>PROFILES OF QUADRATURE |                        |
| PICKLE LAKE                                                                         |                        |
| N.T.S. NO: 52 0/8                                                                   | DRAWING NO. 1-5025.0-3 |
| SCALE 1:10,000                                                                      | DATE: AUG 1985         |
| TERRAQUEST LTD.<br>TORONTO, CANADA                                                  |                        |



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520/08SW-0013 #20

MOSS RESOURCE LTD.

INTERPRETATION

PICKLE LAKE

N.E.S. NO: 52 0/8 DRAWING NO: 1 5025.5-4  
 SCALE: 1 : 10,000 DATE: AUG 1985

TERRAQUEST LTD.  
 TORONTO, CANADA

**LEGEND**

**INTERPRETATION**

- Contact
- - - Fault
- ==== Property Boundary

**VLF-EM Conductor Axes**

- ++++ normal quadrature
- xxxx reverse quadrature
- in phase only

**LITHOLOGY**

- 8 Granite
- 6 Diabase
- 1 Basic Volcanics
- 1a Weakly Magnetic unit in 1
- 1m Magnetic unit in 1

TERRAIN CLEARANCE ..... 100 meters  
 LINE SPACING ..... 100 meters



FIGURE NO. 5208SW0013 COUCH LAKE

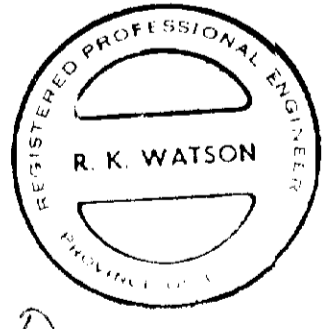
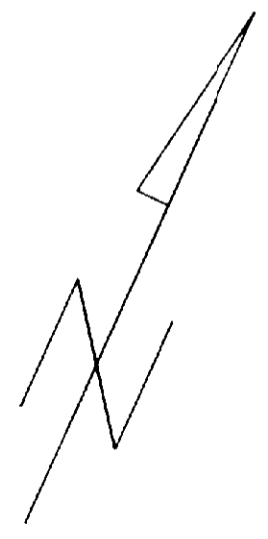
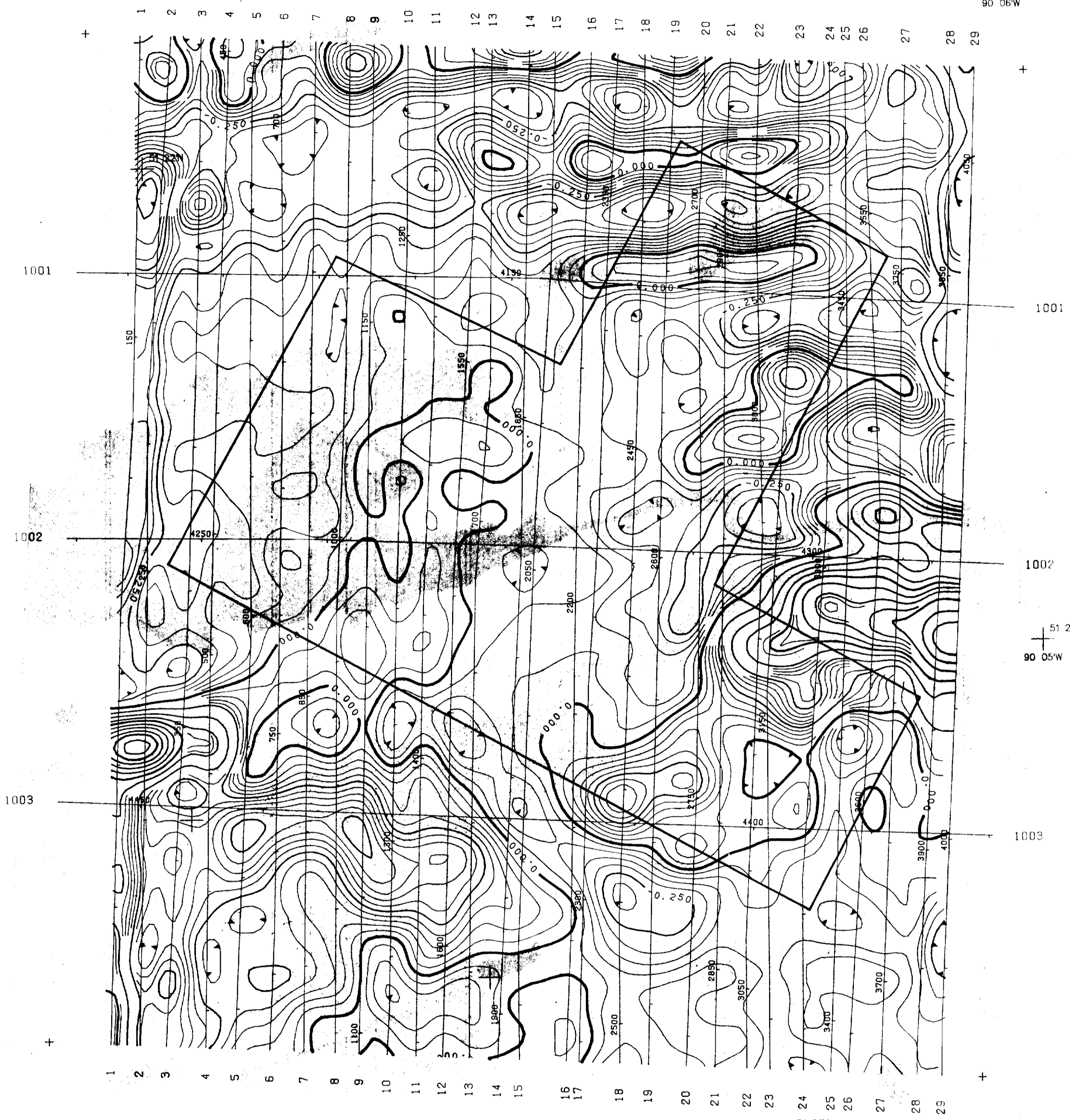
22N  
90 09'W

51 23N  
90 06'W

51 21N  
90 08'W

51 22N  
90 05'W

51 21N  
90 05'W



520/08SW-0.013 #10

LEGEND

PROPERTY BOUNDARY ..... □ 100 meters

TERRAIN CLEARANCE ..... □ 100 meters

LINE SPACING ..... □ 100 meters

5,000 gammas / meter |||

1,000 gammas / meter |||

.250 gammas / meter |||

.050 gammas / meter .....|

MOSS RESOURCES LTD.

AIRBORNE MAGNETIC SURVEY  
VERTICAL MAGNETIC GRADIENT  
Calculated From Total Field

PICKIE LAKE

|                   |                        |
|-------------------|------------------------|
| N.T.S. NO: 52 0/8 | DRAWING NO: T-5025.3-2 |
| SCALE: 1 : 10,000 | DATE: JULY 1985        |

TERRAQUEST LTD.  
TORONTO, CANADA

