



42C04SE0052 42C04SE0014 DAVID LAKES

900

Mining Lands Section

File No 2.8344

Control Sheet

TYPE OF SURVEY

GEOPHYSICAL

GEOLOGICAL

GEOCHEMICAL

EXPENDITURE

MINING LANDS COMMENTS:

_____ David L.K.
_____ + Pukabka River

L.D.
gal

S Hurst

Signature of Assessor

Oct 16 / 85

Date



42C04SE0052 42C04SE0014 DAVID LAKES

T-5004

010

Suite 905, 121 Richmond Street West, Toronto, Canada, M5H 2K1 Telephone: (416) 569-2010

REPORT ON AN
AIRBORNE MAGNETIC AND VLF-EM SURVEY
PUKASKWA RIVER AREA
SAULT STE MARIE MINING DIVISION, ONTARIO

for

WASABI RESOURCES LTD.

RECEIVED

AUG - 8 1985

MINING LANDS SECTION

by

TERRAQUEST LTD.
Toronto, Canada

AUGUST 7, 1985

63.1498
63.1498

TERRAQUEST LTD.



Suite 905, 121 Richmond Street West, Toronto, Canada, M5H 2K1, Telephone: (416) 869-0010

TABLE OF CONTENTS

		Page
1. INTRODUCTION		1
2. THE PROPERTY	42C04SE0052 42C04SE0014 DAVID LAKES	1
3. GEOLOGY		1
4. SURVEY SPECIFICATIONS		1
4.1 Instruments		1
4.2 Lines and Data		2
4.3 Tolerances		3
4.4 Photomosaics		3
5. DATA PROCESSING		3
6. INTERPRETATION		4
6.1 General Approach		4
6.2 Interpretation		4
7. SUMMARY		5

LIST OF FIGURES

- Fig. 1 - General Location Map
- Fig. 2 - Survey Area Map
- Fig. 3 - Sample Record

LIST OF MAPS IN JACKET

- No. T-5004-1, Total Magnetic Field
- No. T-5004-2, Vertical Magnetic Gradient
- No. T-5004-3, VLF-EM Survey
- No. T-5004-4, Interpretation



1. INTRODUCTION

This report describes the specifications and results of a geophysical survey carried out for Wasabi Resources Ltd. of Toronto by Terraquest Ltd., 905 - 121 Richmond St. W., Toronto, Canada. The field work was performed on May 1, 1985 and the data processing, interpretation and reporting from May 2 to Aug 7, 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 in David Lakes Area, in the Sault Ste. Marie Mining Division of Ontario about 60 kilometers west of the town of Wawa, and about 20 kilometers up the East Pukaskwa River from lake Superior. It can be reached by aircraft from Wawa.

The latitude and longitude are 48° 10', and 85° 35' respectively, and the N.T.S. reference is 42 C/4.

The claim numbers are SSM 771449-450, 779377-400, 809801-900, 827368, 843124-127, 843134-137.

3. GEOLOGY

Map References

1. Map 2332, Pukaskwa River, O.D.M., 1976.
2. Map 2333, University River, O.D.M., 1976

The main suite of rock types underlying the claim group is a band of metasediments flanked on each side (ie. to the north and south) by earlier volcanics. It is part of a 50 km. arc-shaped greenstone belt lying on the north shore of Lake Superior containing a number of base metal and gold occurrences. Some exposures of diabase dykes are seen trending approximately N 60 W and northeast.

4. SURVEY SPECIFICATIONS

4.1 Instruments

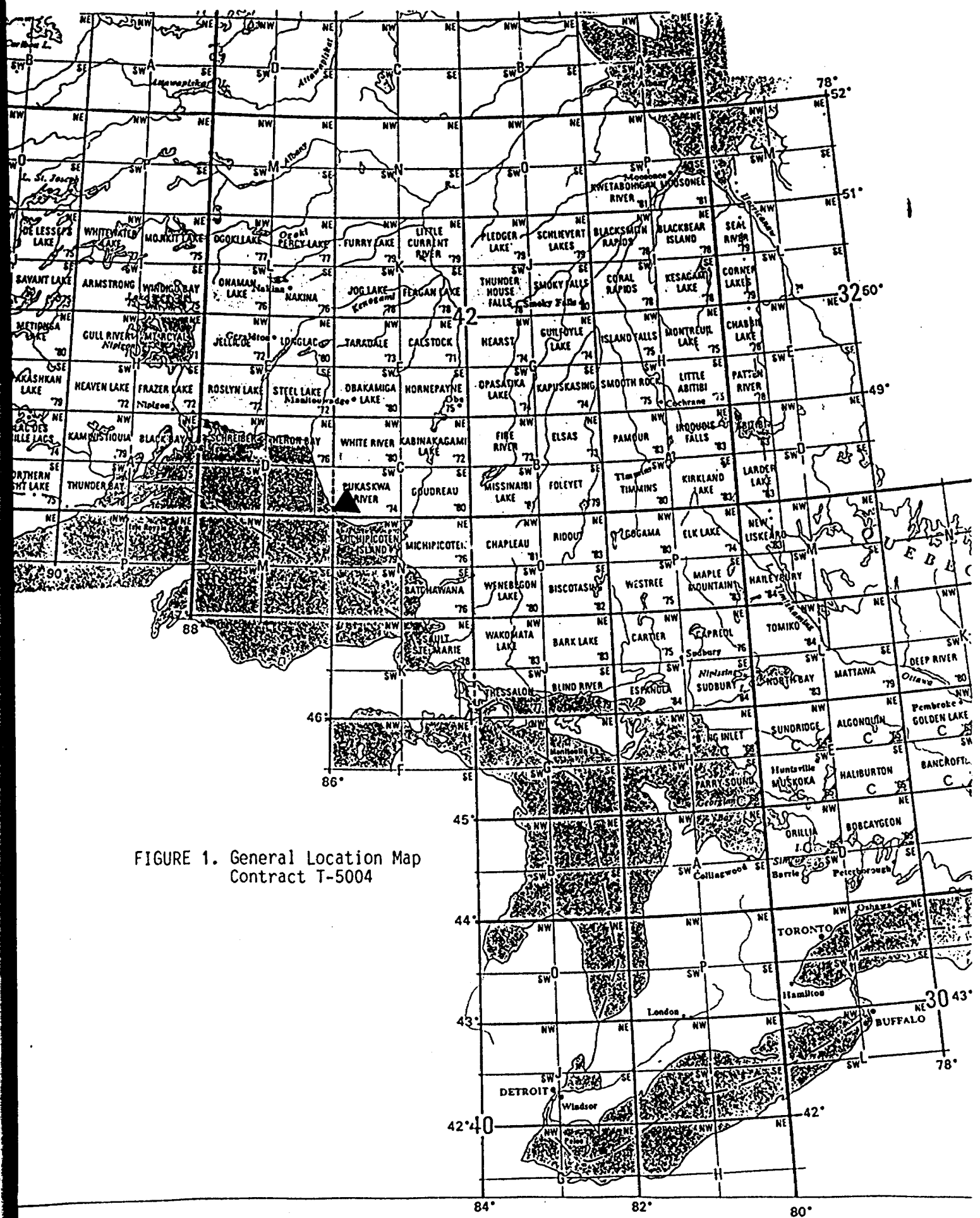


FIGURE 1. General Location Map
Contract T-5004

39' 38' 37' 36' 35' 34' 33' 32' 3 771 771 750 3'00"

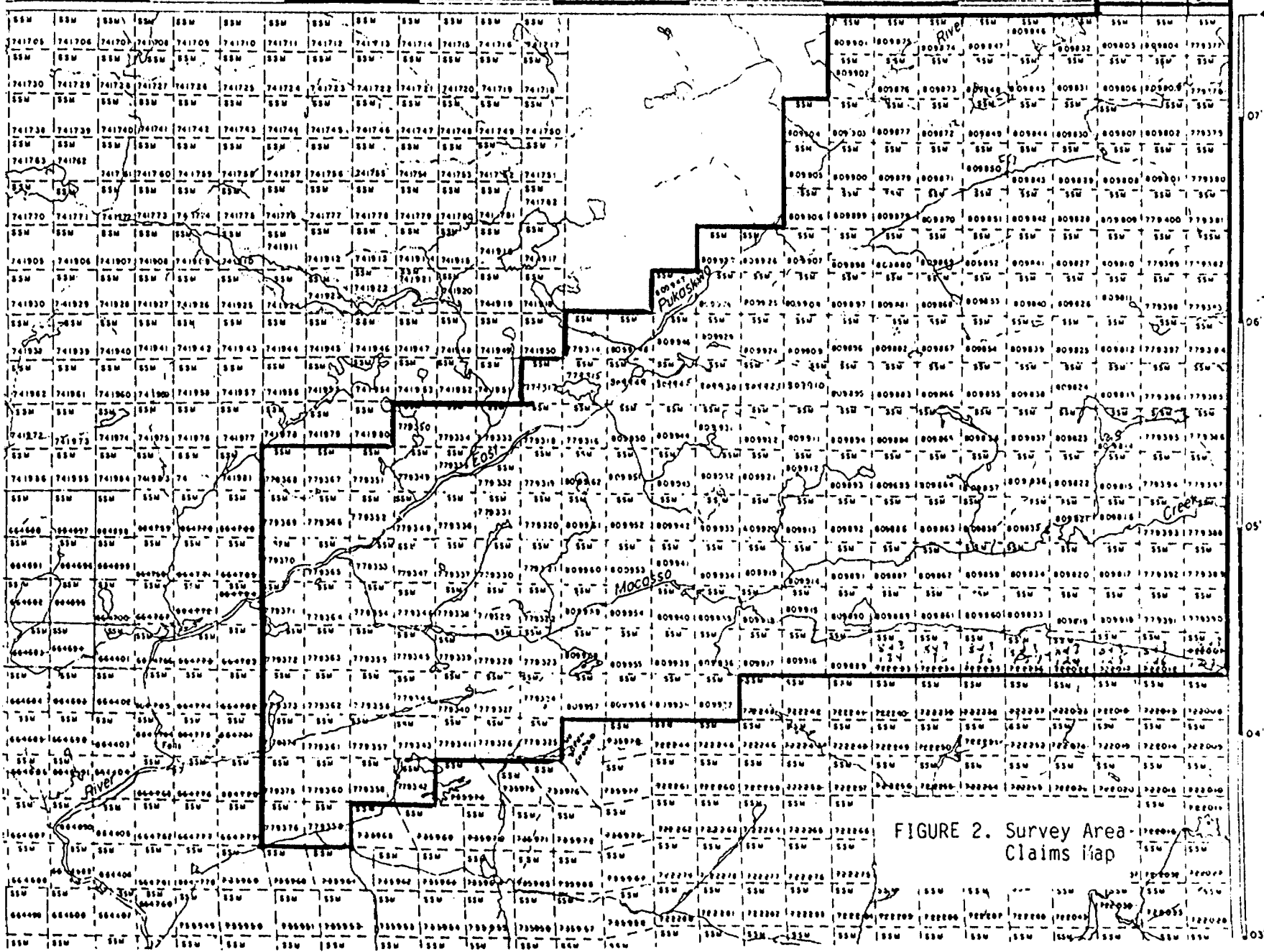


FIGURE 2. Survey Area Claims Map

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, 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: 0 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): NAA Cutler, Me., 24.0 kHz
- h) Channel 2 (ORTHO): NSS Annapolis, 21.4 kHz
- i) Line km over total survey area: 445
- j) Line km over claim group: 425



TERRAQUEST

DTE 09 01 85 TH 12 28 20: BY: M.M.
ACFT C-FAKK PH 8437 FLTH 051

PROG. VER. 280124-GRAD.
SURALT 100M

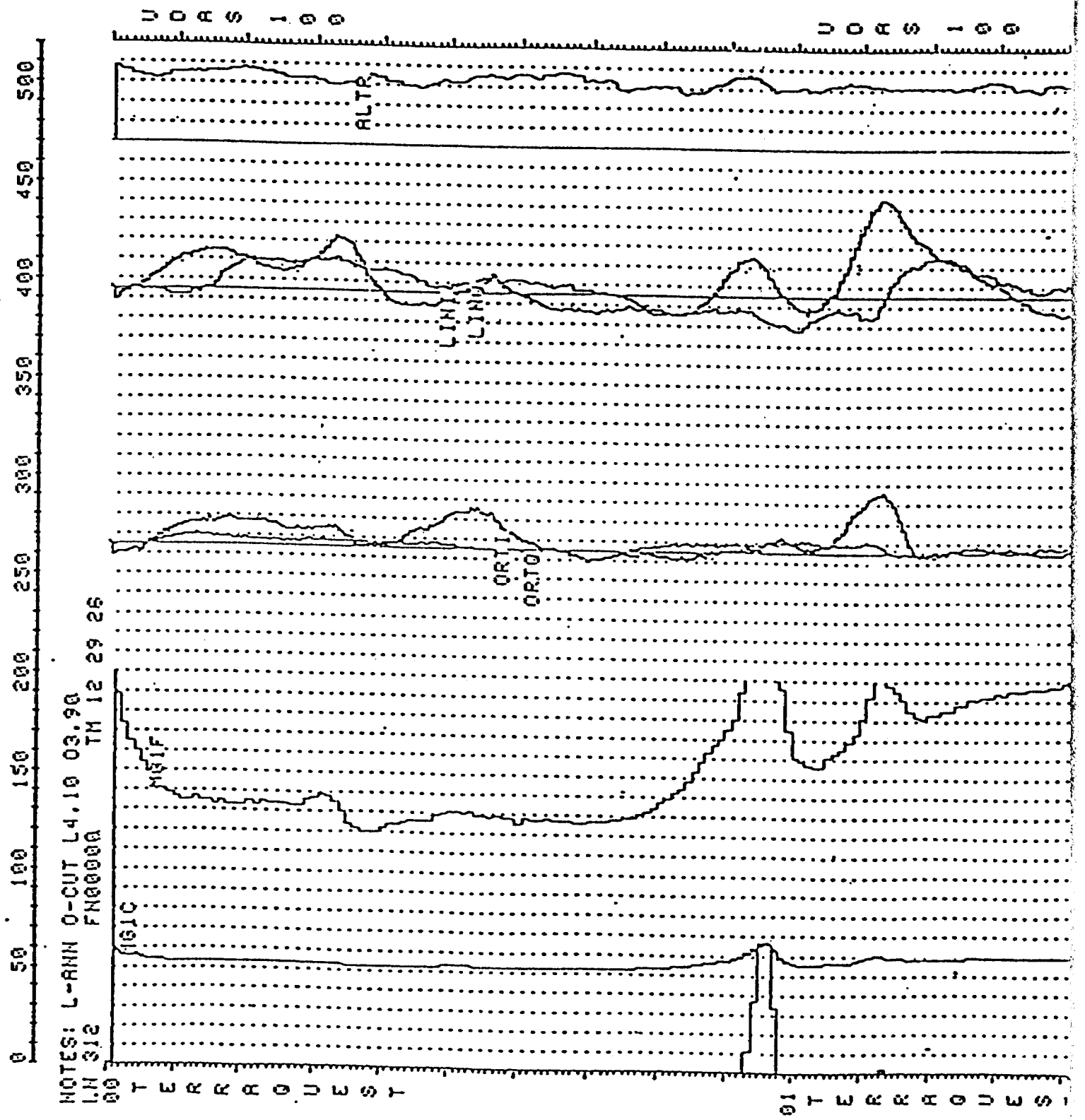


FIGURE 3. SAMPLE OF ANALOGUE DATA

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 zero (quadrature). The algorithms to do this were developed by Terraquest and will be provided to anyone interested by application to the company.

- Grant, J.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.

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

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.

Broad 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 VLF frequencies. In this case no response from bedrock is seen.

6.2 Interpretation

The total field magnetic data shows about 700 gammas relief over the survey area. There is good correlation between magnetic anomalies and exposures of the contact between granite and mafic volcanics, and exposures of diabase dykes, and these units have been remapped on this basis. A number of new diabase dykes have been interpreted. There is no magnetic distinction between the mafic volcanics, felsic volcanics, and sediments although there are patches in all of these units which are anomalously magnetic. These have been marked with a subscript "m".

An unusual feature is the presence of three long, narrow magnetic lows that cross the property in a northwest direction. Their peak magnetic values are below normal magnetic background. This indicates negative magnetic polarity of the material of which this feature is composed. This condition occurs in iron formation but is somewhat unusual in a dyke-shaped feature such as these one. Two possible identifications are a diabase dyke that has been carbonitised so that all magnetic susceptibility has been removed, or one whose polarity is reversed because of intrusion during a period when the geomagnetic field was reversed.

Some faults have been interpreted from lateral displacements of linear magnetic trends

VLF conductor axes appear to conform well with the magnetic pattern indicating that their source is probably in bedrock. Any which are clearly coincident with patches of overburden in bedrock exposures can be attributed to overburden. Others may be caused by sulphide minerals or other conductive minerals and should be followed up on the ground by conventional EM or IP methods.

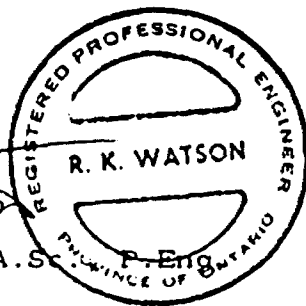
7. SUMMARY

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 anomalies are believed to be have potential sulphide origin and are recommended for additional investigation.

TERRAQUEST LTD.

Roger K. Watson

Roger K. Watson, B.A.S.
Geophysicist



AREA OF
M-12
DAVID LAKES

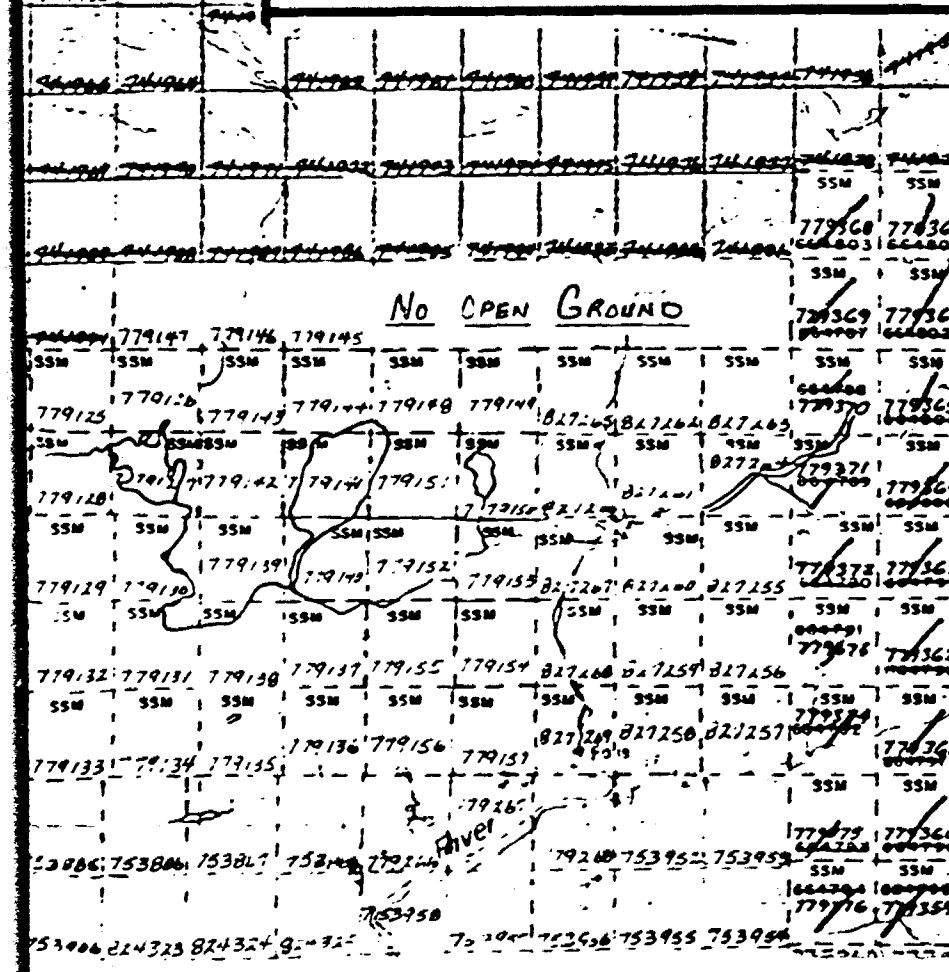
DISTRICT OF
THUNDER BAY

SAULT STE. MARIE
MINING DIVISION

SCALE. 1-INCH = 40 CHAINS

822025	822026	822027	822028	822029	822030	809901	809875	809874	809877	809878	809879	809880	809881	809882	809883	809884	809885	809886	809887	809888	809889	809890	809891	809892	809893	809894	809895	809896	809897	809898	809899	809900	809901	809902	809903	809904	809905	809906	809907	809908	809909	809910	809911	809912	809913	809914	809915	809916	809917	809918	809919	809920	809921	809922	809923	809924	809925	809926	809927	809928	809929	809930	809931	809932	809933	809934	809935	809936	809937	809938	809939	809940	809941	809942	809943	809944	809945	809946	809947	809948	809949	809950	809951	809952	809953	809954	809955	809956	809957	809958	809959	809960	809961	809962	809963	809964	809965	809966	809967	809968	809969	809970	809971	809972	809973	809974	809975	809976	809977	809978	809979	809980	809981	809982	809983	809984	809985	809986	809987	809988	809989	809990	809991	809992	809993	809994	809995	809996	809997	809998	809999	810000
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

No OPEN GROUND



06

05

04



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

#82-85

2.8344

Mining Act

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.

June 2 / K.F.

Type of Survey(s) Airborne Geophysics	Township or Area David Lakes M-12
Claim Holder(s) V.N. Harbinson	Prospector's Licence No. A39345
Address 111 Richmond Street West, Suite 916, Toronto, Ontario M5H 2G4	
Survey Company Terraquest Ltd.,	Date of Survey (from & to) 27 04 85 to 28 04 85 Day Mo. Yr. Day Mo. Yr.
Name and Address of Author (of Geo. Technical report) R. Watson, P.Eng. 111 Richmond Street West, Suite 1214, Toronto, Ontario M5H 2G4	

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	
	Magnetometer	
For each additional survey: using the same grid. Enter 20 days (for each)	Radiometric	
	Other	
	Geological	
	Geochemical	

<p>SAULT STE. MARIE MAY - 8 1985 A.M. 11:00, 10:11, 12:11, 2:11, 3:11, 4:11</p>	<p>RECEIVED</p>	<p>Days per Claim</p>
	Electromagnetic	
	Magnetometer	
	Radiometric	
	Geological	
	Geochemical	

Airborne Credits	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)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
SSM	779314		SSM	779337	
	779315			779338	
	779316			779339	
	779317			779340	
	779318			779341	
	779319			779342	
	779320			779343	
	779321			779344	
	779322			779345	
	779323			779346	
	779324			779347	
	779325			779348	
	779326			779349	
	779327			779350	
	779328			779351	
	779329			779352	
	779330			779353	
	779331			779354	
	779332			779355	
	779333			779356	
	779334			779357	
	779335			779358	
	779336			779359	

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures \$ + 15 = 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.

Date: May 6, 1985

Recorded Holder or Agent (Signature): *[Signature]*

For Office Use Only

Total Days Cr. Recorded: 7920

Date Recorded: May 8, 1985

Date Approved as Recorded: 85/10/16

Mining Recorder: *[Signature]*

Total number of mining claims covered by this report of work: 99

(see attached sheet)

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
C.E. Page, Chief Geologist, Ste. 916, 111 Richmond Street West, Toronto, Ont. M5H 2G4

Date Certified:

Signature:

82-85

David Lakes
V. N. Harbinson

SSM	779360	SSM	809938
	779361		809939
	779362		809940
	779363		809941
	779364		809942
	779365		809943
	779366		809944
	779367		809945
	779368		809946
	779369		809947
	779370		809948
	779371		809949
	779372		809950
	779373		809951
	779374		809952
	779375		809953
	779376		809954
SSM	809927		809955
	809928		809956
	809929		809957
	809930		809958
	809931		809959
	809932		809960
	809933		809961
	809934		809962
	809935		
	809936		
	809937		



Ministry of Natural Resources

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

#83-85

2.8344

Mining Act

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.

June 27 K.P.

Form header section containing: Type of Survey(s) Airborne Geophysics, Claim Holder(s) San Paulo Explorations Inc., Prospector's Licence No. T 1561, Survey Company Terraquest Ltd., Date of Survey from 27/04/84 to 28/04/85, and Author (of Geo-Technical report) R. Watson, P. Eng. Ste. 1214, 111 Richmond Street West, Toronto, Ontario M5H 2G4.

Table for Special Provisions: Geophysical (Electromagnetic, Magnetometer, Radiometric, Other), Geological, Geochemical. Includes instructions for days per claim for first and additional surveys.

Table for Special Days: SAULT STE. MARIE Complete RE-MINING DIV. R-1-E-1-G-1-L-1-H-1-E-1-D-1. MAY - 8 1985. Includes a grid for days per claim.

Table for Airborne Credits: Note: Special provisions credits do not apply to Airborne Surveys. Electromagnetic: 40, Magnetometer: 40, Radiometric.

Form for Expenditures (excludes power stripping) and Type of Work Performed.

Form for 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.

Form for Date and Recorder Holder or Agent (Signature): Date: May 17/85, Signature: C.E. Page.

Justification 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: C.E. Page, Chief Geologist, Ste. 916, 111 Richmond Street West, Toronto, Ont. M5H 2G4.

Main table for Mining Claims Traversed (List in numerical sequence). Columns: Mining Claim Prefix, Mining Claim Number, Expend. Days Cr. Lists claims 809901 through 809923.

RECEIVED MAY 17 1985 MINING LANDS SECTION

Form for Total number of mining claims covered by this report of work: 26.

For Office Use Only: Total Days Cr. Recorded: 2080, Date Recorded: May 8/85, Date Approved as Recorded: 85.10.16, Mining Recorder: R. Pettit.

Form for Date Certified and Certified by (Signature): Date Certified: May 17 1985, Certified by: C.E. Page.



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

Mining Act

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.

84-85.
28344

June 27 K.F.

Type of Survey(s) **Airborne Geophysics** Township or Area **David Lakes M-12 M-13**
 Claim Holder(s) **Wasabi Resources Ltd., Remi Morin, Luc Marois** Prospector's License No. **T986 /K.20276/K.19824**
 Address **Ste. 916, 111 Richmond Street West, Toronto, Ontario M5H 2G4**
 Survey Company **Terramest Ltd.** Date of Survey (From & To) **27 04 85 28 04 85** Total Miles of line Cut **-**
 Name and Address of Author (of Geo-Technical report) **R. Watson P. Eng., Ste. 1214, 111 Richmond Street West, Toronto, Ontario**

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	
	• Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	• Radiometric	
	• Other	
	Geological	
	Geochemical	

BAULT STE. MARIE
RECEIVED
MAY - 8 1985
 A.M. 11:00, 10:11, 10:11, 10:11, 10:11, 10:11

Special Provisions	Geophysical	Days per Claim
	• 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 Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
SSM	779377		SSM	779400	
	779378			809801	
	779379			809802	
	779380			809803	
	779381			809804	
	779382			809805	
	779383			809806	
	779384			809807	
	779385			809808	
	779386			809809	
	779387			809810	
	779388			809811	
	779389			809812	
	779390			809813	
	779391			809814	
	779392			809815	
	779393			809816	
	779394			809817	
	779395			809818	
	779396			809819	
	779397			809820	
	779398			809821	
	779399			809822	

Expenditures (excludes power stripping)

Type of Work Performed **RECEIVED**
 Performed on Claim(s) **MAY 17 1985**
 Calculation of Expenditure Days Credits **MINING LANDS SECTION**
 Total Expenditures **S** + **15** =

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. **135**

For Office Use Only (see attached sheet)
 Total Days Cr. Recorded **10,800** Date Recorded **May 8/85**
 Date Approved at Recorder **1985-10-16**
 Mining Recorder **R. A. Kuryle**
 Recorder **R. P. Pichard**

Date **MAY 17 1985** Recorded Holder 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 **C.E. Page, Chief Geologist, Ste. 916, 111 Richmond Street West, Toronto, Ont. M5H 2G4**
 Date Certified **MAY 17 1985**

#84-85.

David Lakes
Wasabi Resources Ltd.

SSM 809823
809824
809825
809826
809827
809828
809829
809830
809831
809832
809833
SSM 809839
809840
809841
809842
809843
809844
809845
809846
809847
809848
809849
809850
809851
809852
809853
809854
809855

SSM 809834
809835
809836
809837
809838

SSM 809856
809857
809858
809859
809860
809861
809862
809863
809864
809865
809866
809867
809868
809869
809870
809871
809872
809873
809874
809875
809876
809877
809878
809879
809880
809881
809882
809883

SSM 809884
809885
809886
809887
809888
809889
809890
809891
809892
809893
809894
809895
809896
809897
809898
809899
809900
SSM 771449 NO
771450 NO
827368 NO
SSM 843124
843125
843126
843127
SSM 843134
843135
843136
843137

REMI MORI
K 2007.
LUC MARI
K 19824

Aug 9



Ministry of
Natural
Resources

Order of
the Minister

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

The Mining Act

In the matter of mining claims:

SSM 779314 to 376 inclusive

809927 to 962 inclusive

in the Area of David Lake.

28394

On consideration of an application from the recorded holder, V.N. Harbinson
under Section 77 Subsection 22 of The Mining Act, I hereby order that the time for filing reports and plans in support of
Airborne Geophysical Survey assessment work recorded on May 8, 1985.
be extended until and including August 8, 1985.

1985.07.09
Date

[Signature]
Signature of Director, Land Management Branch

Copies:

- cc: Mining Recorder
Sault Ste. Marie, Ontario
- cc: V.N. Harbinson
111 Richmond Street West
Suite 916
Toronto, Ontario
M5H 2G4

- cc: Terraquest
Suite 1214
111 Richmond Street West
Toronto, Ontario
M5H 2G4
Attention: C. Barrie

09.

R

Aug 8



Ministry of
Natural
Resources

Order of
the Minister

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

The Mining Act

In the matter of mining claims:

SSM 771449-450
779377 to 400 inclusive
809801 to 900 inclusive
827368
843124 to 127 inclusive
843134 to 137 inclusive

in the Area of David Lake.

On consideration of an application from the recorded holder, Wasabi Resources Ltd, Remi Morin, Luc Marois
under Section 77 Subsection 22 of The Mining Act, I hereby order that the time for filing reports and plans in support of
Airborne Geophysical Survey assessment work recorded on May 8, 1985.
be extended until and including August 8, 1985.

1985.07.04

Date

Signature of Director, Land Management Branch

Copies:

cc: Mining Recorder
Sault Ste. Marie, Ontario
cc: Wasabi Resources Ltd
Suite 916
111 Richmond Street West
Toronto, Ontario
M5H 2G4
Attention: C.E. Page

cc: Remi Morin
151 Avenue de Saules
Lasarre, Quebec
J9X 1G5
cc: Terraquest
Suite 1214
111 Richmond Street West
Toronto, Ontario
M5H 2G4
Attention: C. Barrie

cc: Luc Marois
Guyenne, Quebec
JOY 1LO

DP

P



Ministry of
Natural
Resources

Order of
the Minister

Aug 8

Room 8643, Whitney Block
Queen's Park
Toronto, Ontario
M7A 1W3
416/965-4888

The Mining Act

In the matter of mining claims:

SSM 809901 to 926 inclusive
in the Area of David Lake.

On consideration of an application from the recorded holder, Sao Paulo Explorations Inc
under Section 77 Subsection 22 of The Mining Act, I hereby order that the time for filing reports and plans in support of
Airborne Geophysical Survey assessment work recorded on May 8, 1985
be extended until and including August 8, 1985.

1985.07.04

Date

Signature of Director, Land Management Branch

Copies:

Mining Recorder
Sault Ste. Marie, Ontario

Sao Paulo Explorations Inc
Suite 2314
401 Bay Street
Toronto, Ontario
M5H 2V4

cc: Terraquest
Suite 1214
111 Richmond Street West
Toronto, Ontario
M5H 2G4
Attention: C. Barrie

02.

R

REGISTERED

June 27, 1985

Report of Work 82-85

V.N. Harbinson
111 Richmond Street West
Suite 916
Toronto, Ontario
M5H 2G4

Dear Sir:

RE: Airborne Geophysical (Electromagnetic &
Magnetometer) Survey on Mining Claims
SSM 779314, et al, in the Area of David
Lake

I have not received the reports and maps (in duplicate)
for the Airborne Geophysical Survey on the above-mentioned
claims.

As the assessment "Report of Work" was recorded by the
Mining Recorder on May 8, 1985 the 60 day period
allowed by Section 77 of the Mining Act for the submission
of the technical reports and maps to this office will
expire on July 8, 1985.

If the material is not submitted to this office by July 8,
1985, I will have no alternative but to instruct the Mining
Recorder to delete the work credits from the claim record
sheets.

For further information, please contact Mr. Arthur Barr
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

A. Barr:mc

cc: Terraquest Ltd
Toronto, Ontario
Attention: Roger Watson

cc: Mining Recorder
Sault Ste. Marie, Ontario

*Grant Eytensson
As August 8*

REGISTERED

June 27, 1985

Report of Work 83-85

San Paulo Explorations Inc
Suite 2314
401 Bay Street
Toronto, Ontario
M5H 2V4

Dear Sirs:

RE: Airborne Geophysical (Electromagnetic & Magnetometer)
Survey on Mining Claims SSM 809901, to 26 inclusive
in the Area of David Lake.

I have not received the reports and maps (in duplicate)
for the Airborne Geophysical Survey on the above-mentioned
claims.

As the assessment "Report of Work" was recorded by the
Mining Recorder on May 8, 1985 the 60 day period
allowed by Section 77 of the Mining Act for the submission
of the technical reports and maps to this office will
expire on July 8, 1985.

If the material is not submitted to this office by July 8,
1985, I will have no alternative but to instruct the Mining
Recorder to delete the work credits from the claim record
sheets.

For further information, please contact Mr. Arthur Barr
at (416)965-4888.

Yours sincerely,

*Grant Extension
to August 8.*

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1H3
Phone: (416)965-4888

A. Barr:mc

cc: Terraquest Ltd
Toronto, Ontario
Attention: Roger Watson

cc: Mining Recorder
Sault Ste. Marie, Ontario

REGISTERED

June 27, 1985

Report of Work 84-85

Wasabi Resources Ltd
Suite 916
111 Richmond Street West
Toronto, Ontario
M5H 2G4

Dear Sirs:

RE: Airborne Geophysical (Electromagnetic & Magnetometer)
Survey on Mining Claims SSM 779379, et al, in the
Area of David Lake

I have not received the reports and maps (in duplicate)
for the Airborne Geophysical Survey on the above-mentioned
claims.

As the assessment "Report of Work" was recorded by the
Mining Recorder on May 8, 1985 the 60 day period
allowed by Section 77 of the Mining Act for the submission
of the technical reports and maps to this office will
expire on July 8, 1985.

If the material is not submitted to this office by July 8,
1985, I will have no alternative but to instruct the Mining
Recorder to delete the work credits from the claim record
sheets.

For further information, please contact Mr. Arthur Barr
at (416)965-4888.

Yours sincerely,

*Grant Fickensow
ds August 8*

S.E. Yundt
Director
Land Management Branch

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

A. Barr:mc

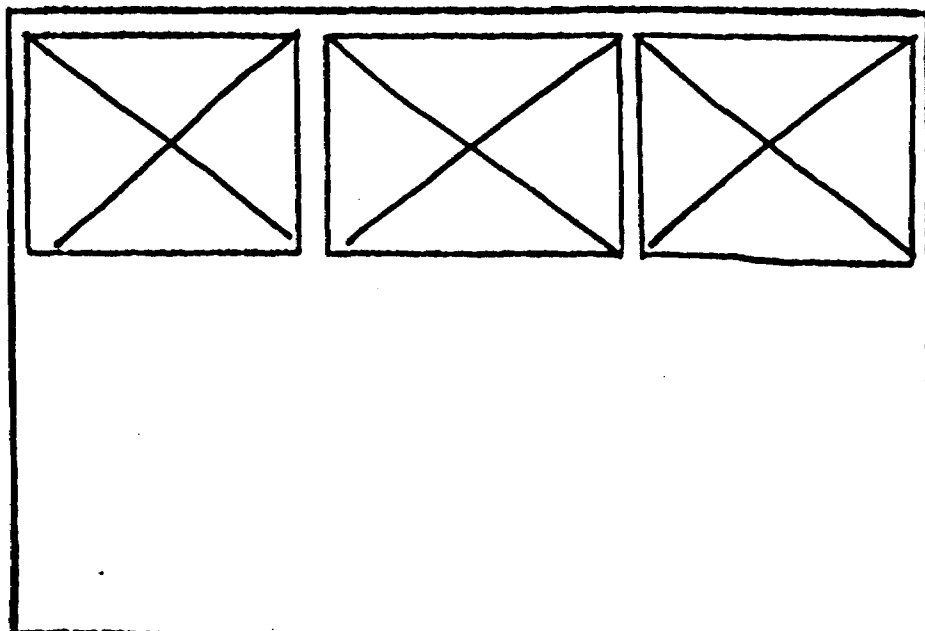
cc: Terraquest Ltd
Toronto, Ontario
Attention: Roger Watson
cc: Mining Recorder
Sault Ste. Marie, Ontario

cc: Remi Morin
LaSarre, Quebec
J9X 1G5
cc: Luc Marois
Guyenne, quebec
.ny 110

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS

42C/04SE-0014, #1-3

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



FOR ADDITIONAL
INFORMATION

SEE MAPS:

420/04 SE-0014 #4



LEGEND

INTERPRETATION

- Contact
- - - Fault
- ==== Property Boundary
- VLF-EM Conductor Axes**
- normal quadrature
- - - reverse quadrature
- in phase only (no quadrature)

LITHOLOGY

- 8a Diabase dyke
- 8R Magnetic low linear unit. see text
- 6 Granite
- 3 Sediments
- 3m Magnetic unit in sediments
- 1a Mafic Volcanics
- 1m Magnetic unit in 1a



48 04N

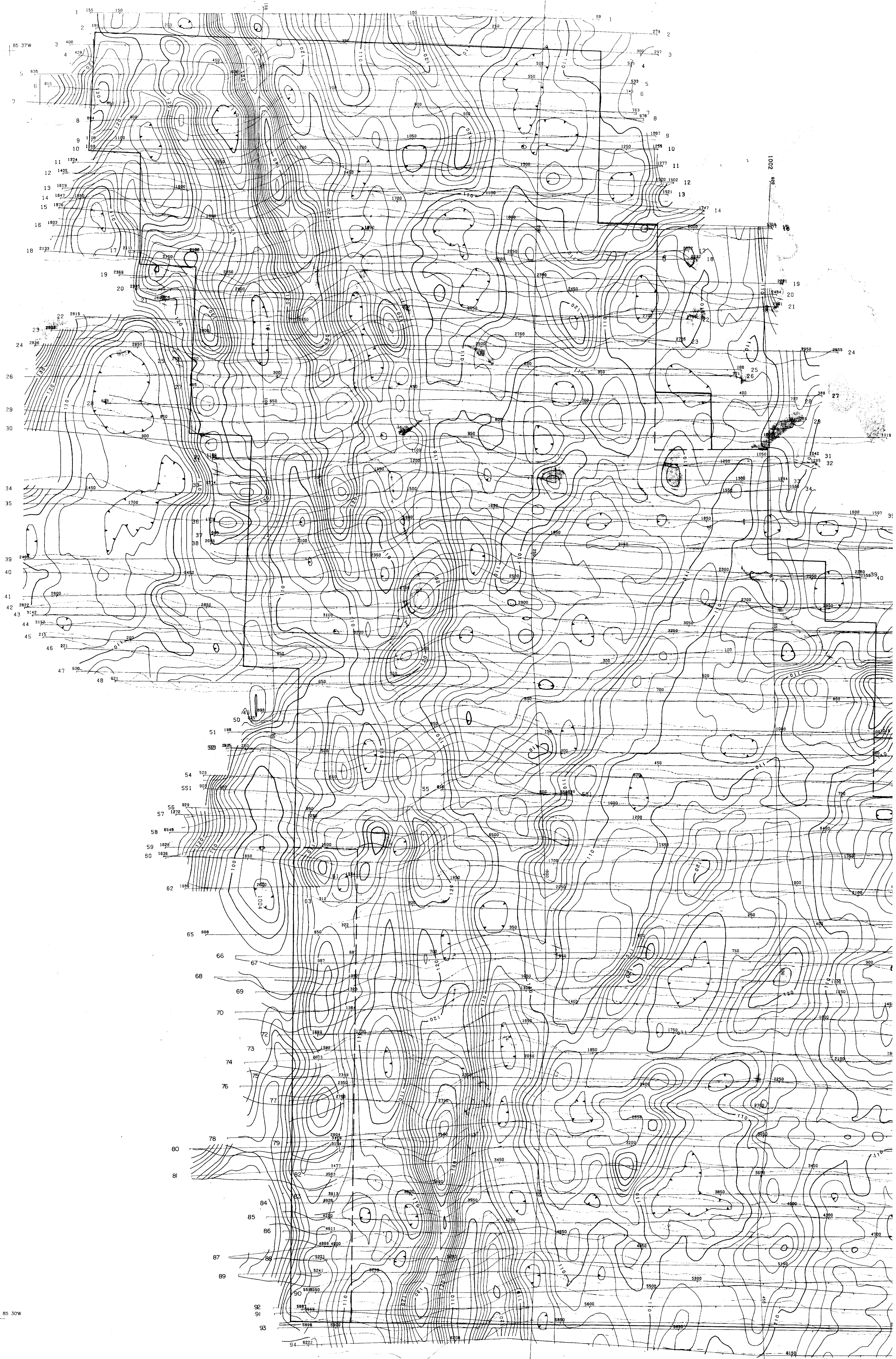
1002

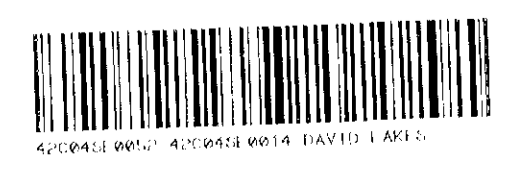
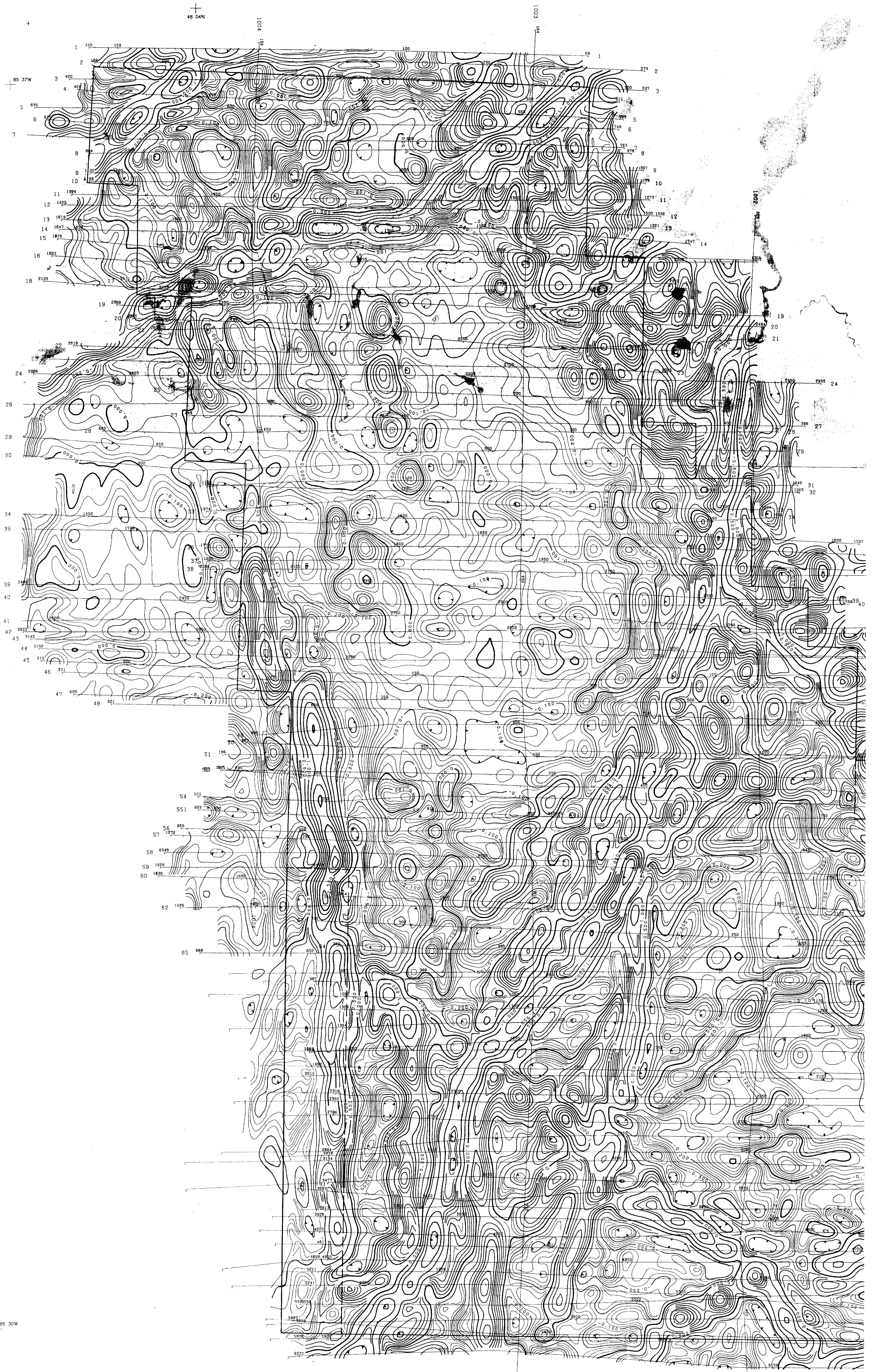
1003

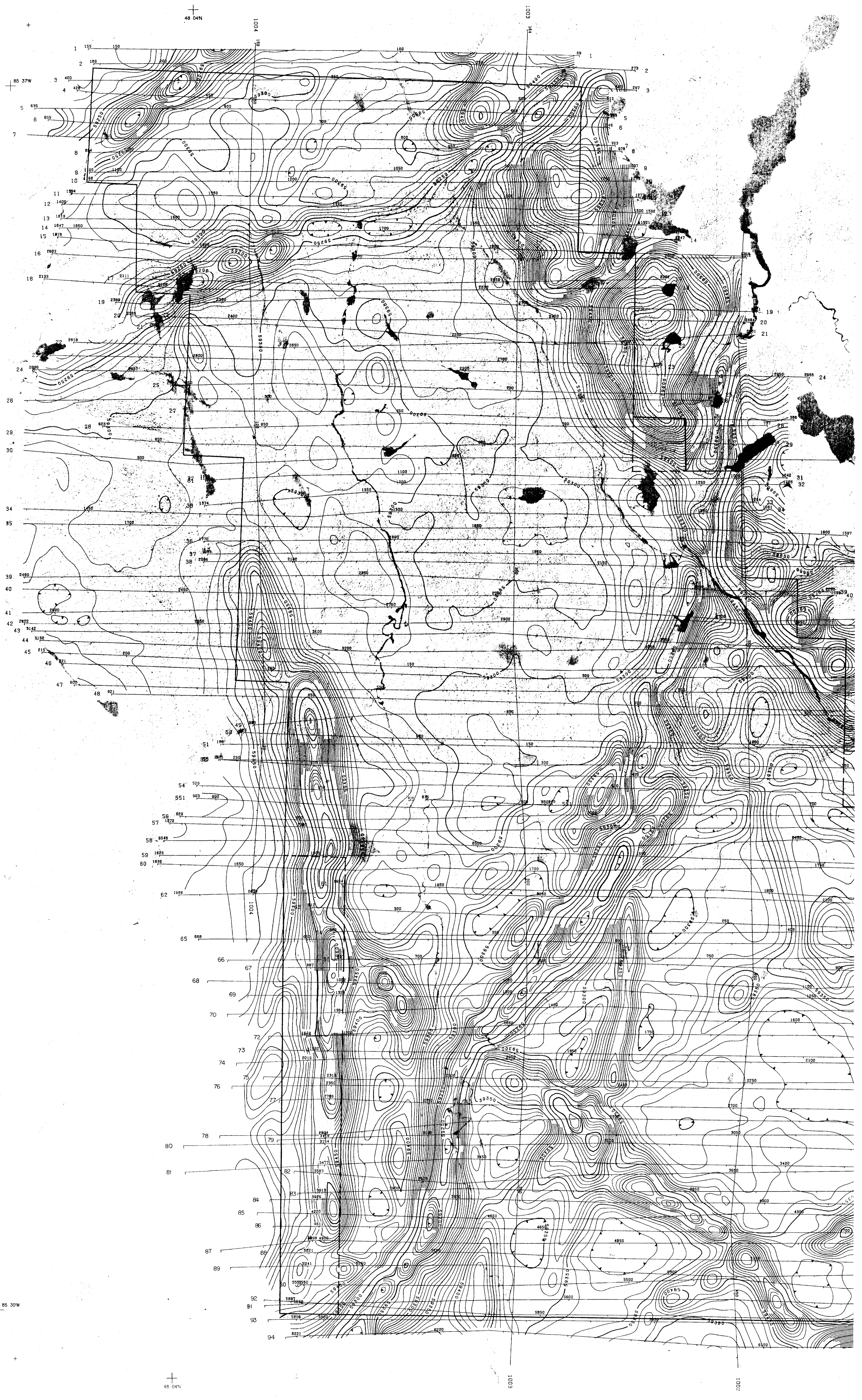
1002

1002

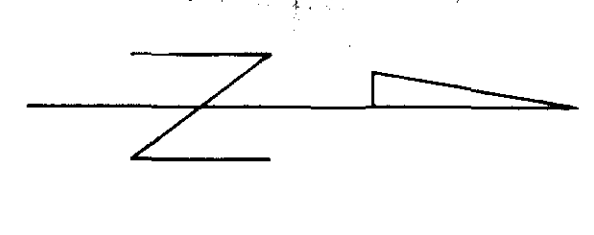
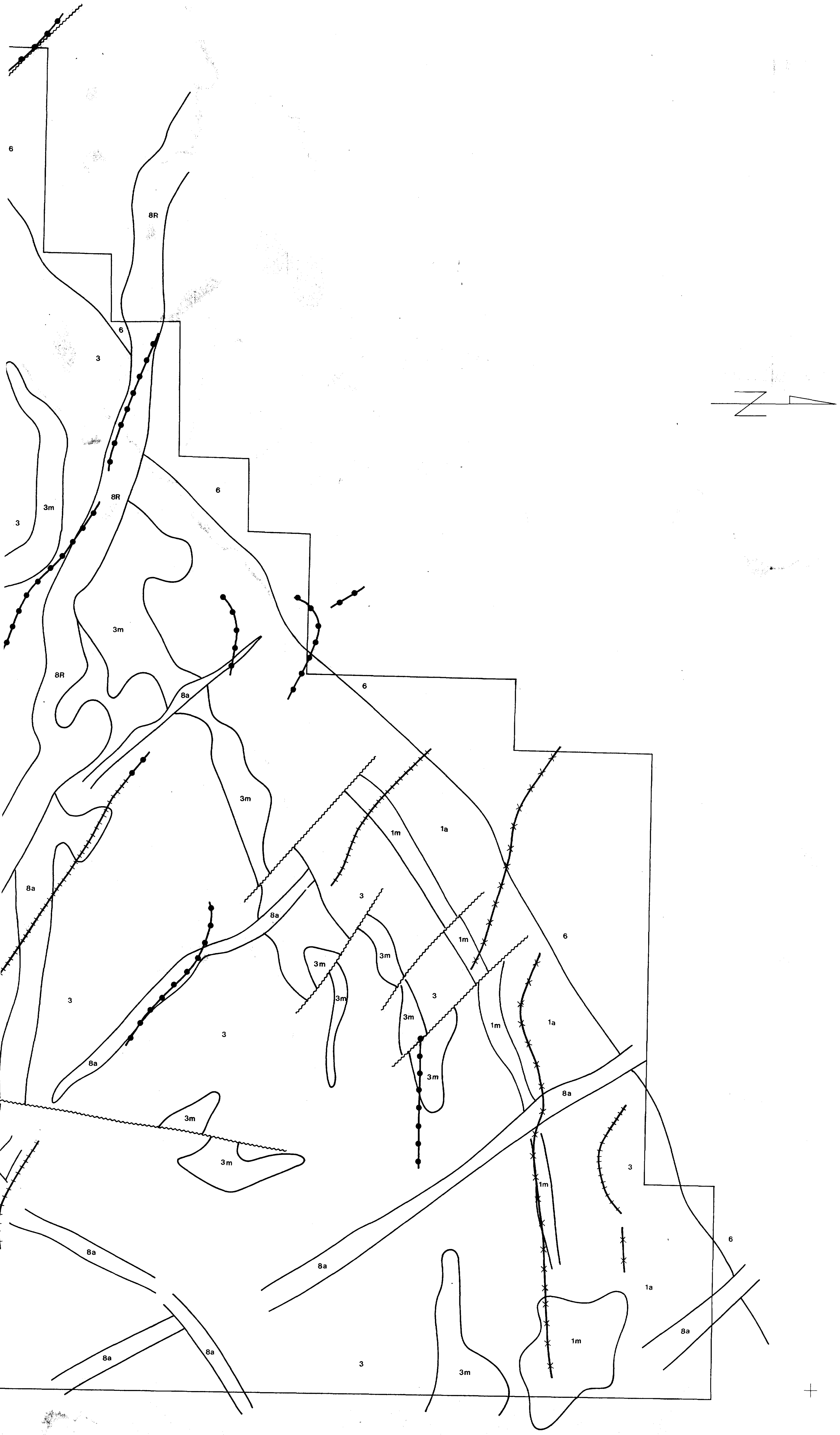
1003



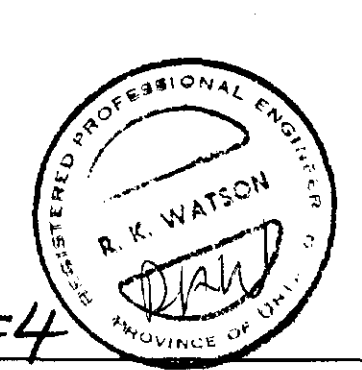




85 37W
48 08N



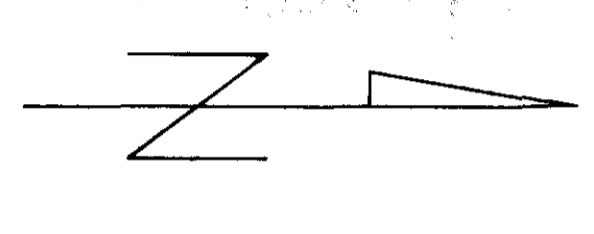
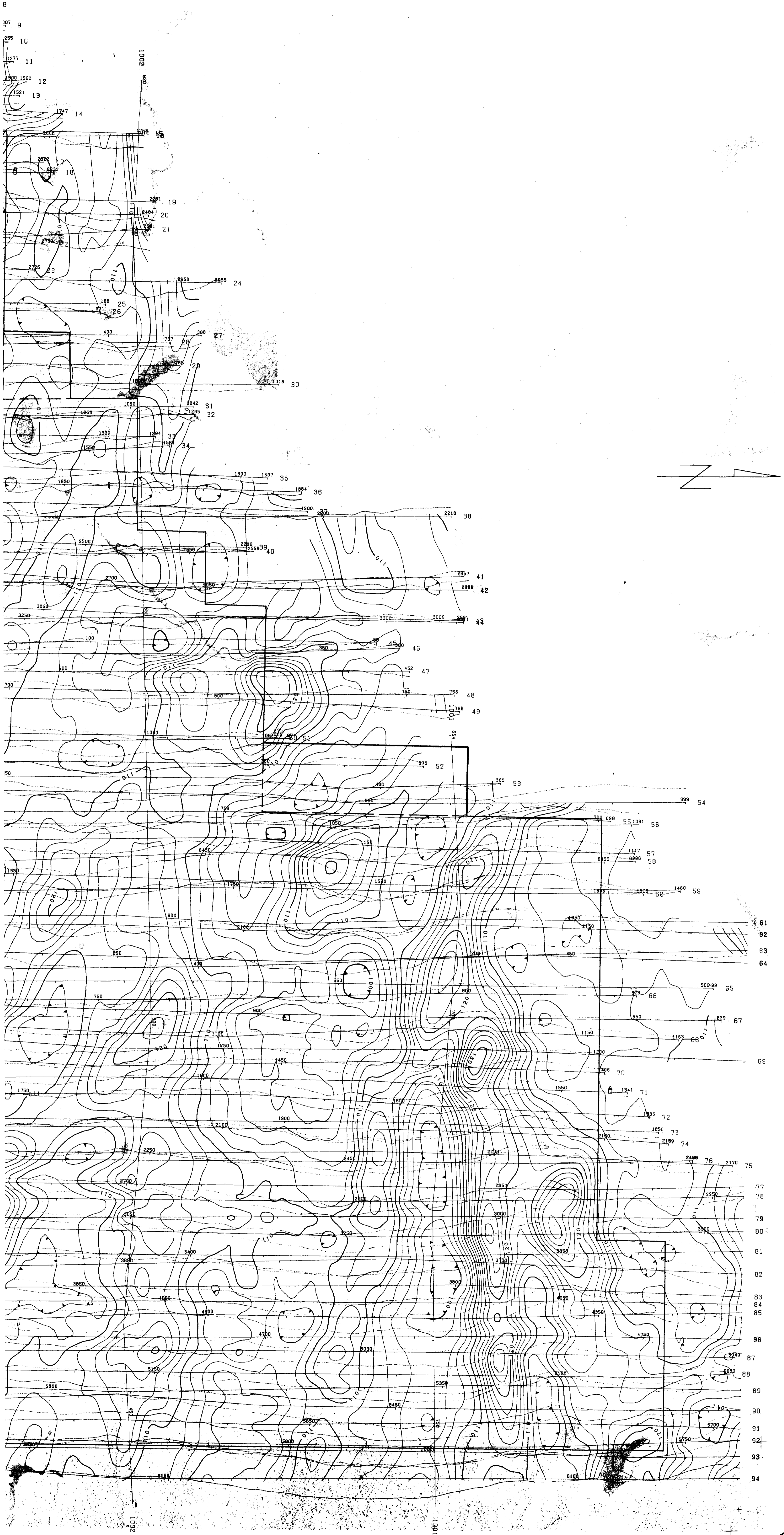
49 08N



42C/04SE-0014#4

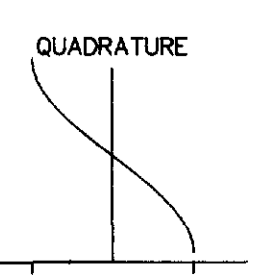
WASABI RESOURCES LTD.	
INTERPRETATION	
DAVID LAKES AREA	
N.T.S. NO: 42 C/3 42 C/4	DRAWING NO: T-5004-4
SCALE 1 : 10,000	DATE: JULY 1985
TERRAQUEST LTD. TORONTO, CANADA	

85 37W
48 08N



42C/04SE-0014#3

LEGEND
PROPERTY BOUNDARY ————
TERRAIN CLEARANCE - - - - -
LINE SPACING ————
FIELD STRENGTH
50 % ————
10 % ————
2 % ————



WASABI RESOURCES LTD.

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

DAVID LAKES AREA

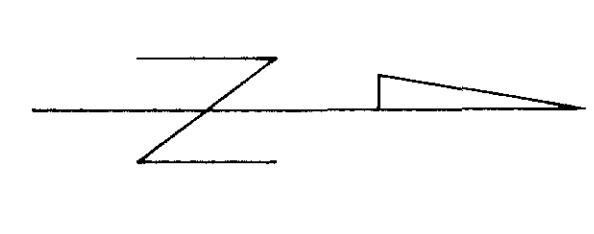
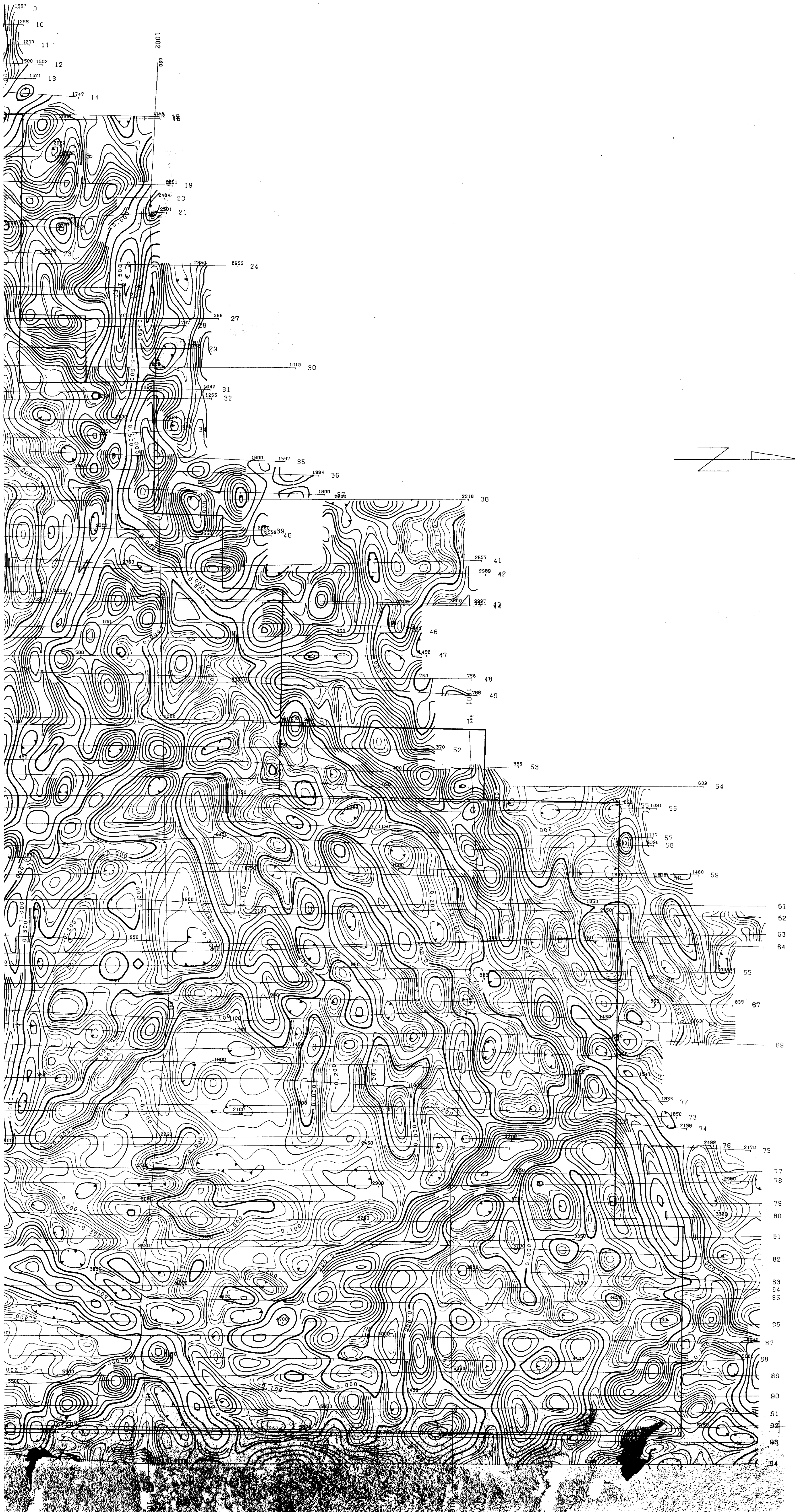
N.T.S. NO: 42 C/3 42 C/4 DRAWING NO. T-5004-3

SCALE 1 : 10,000 DATE: JULY 1985

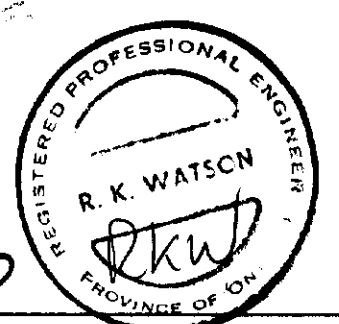
TERRAQUEST LTD.
TORONTO, CANADA

273 2
 287 3
 4
 5
 5
 287 8

85 37W
 48 08N

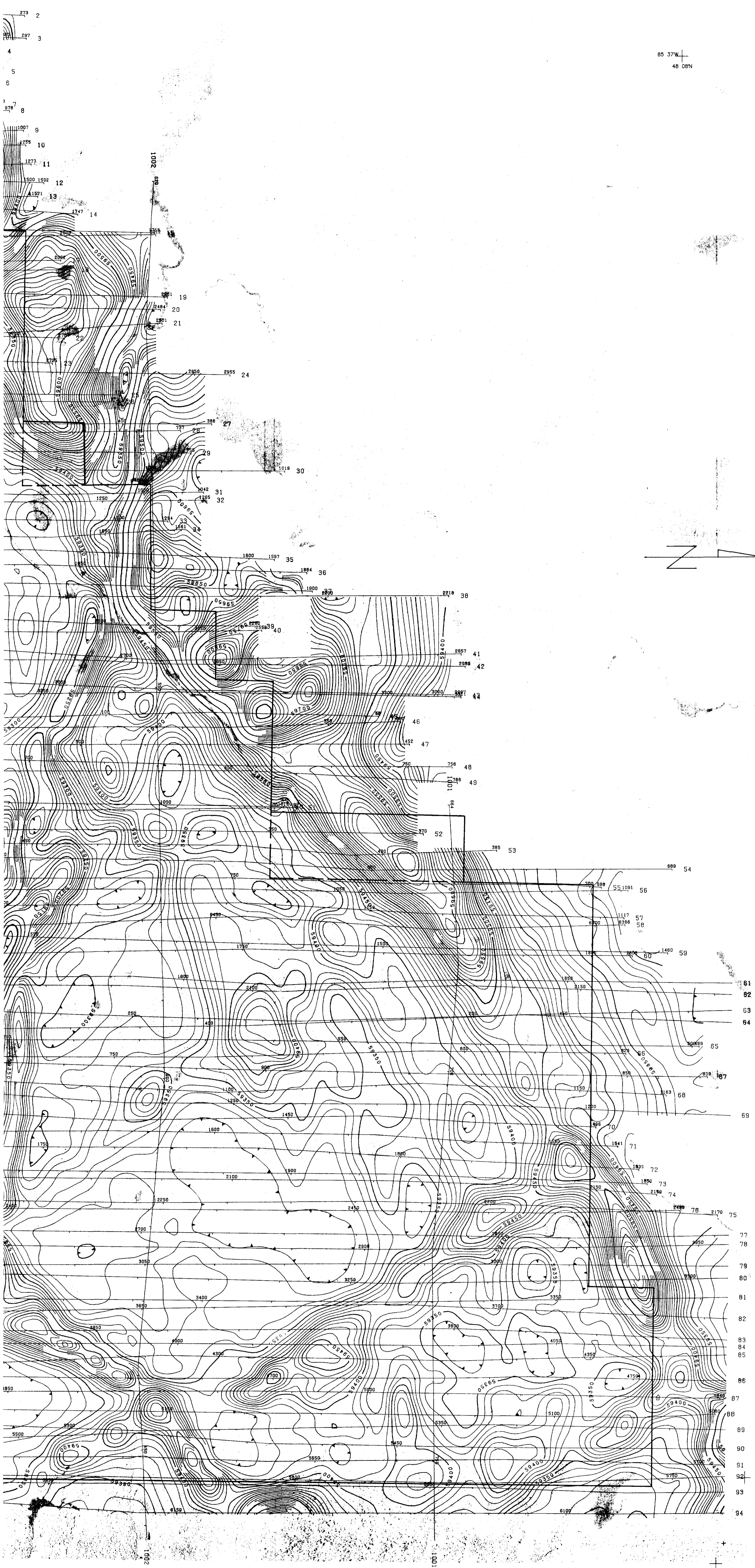


28394
 42C/04SE-0014#2

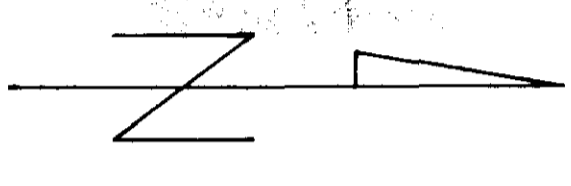


- LEGEND
- PROPERTY BOUNDARY ————
 - TERRAIN CLEARANCE ————
 - LINE SPACING ————
 - 2.500 gammas / meter ————
 - .500 gammas / meter ————
 - .100 gammas / meter ————
 - .025 gammas / meter ————
 - 100 meters
 - 100 meters

WASABI RESOURCES LTD.	
AIRBORNE MAGNETIC SURVEY VERTICAL MAGNETIC GRADIENT Calculated From Total Field	
DAVID LAKES AREA	
N.T.S. NO: 42 C/3 42 C/4	DRAWING NO. T-5004-2
SCALE 1 : 10,000	DATE: JULY 1985
TERRAQUEST LTD. TORONTO, CANADA	



85 37W
48 08N



28344
42C/04SE-0014, #1



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

WASABI RESOURCES LTD.	
AIRBORNE MAGNETIC SURVEY TOTAL MAGNETIC FIELD	
DAVID LAKES AREA	
N.T.S. NO: 42 C/3 12 C/1	DRAWING NO. T-5004-1
SCALE 1: 10,000	DATE: JULY 1985
TERRAQUEST LTD. TORONTO, CANADA	