

010

### **OPERATIONS REPORT ON AN**

## AIRBORNE MAGNETIC AND VLF-EM SURVEY

# HUFFMAN TOWNSHIP, SWAYZE GOLD BELT PORCUPINE MINING DIVISION, ONTARIO

for

**BLUE FLACON MINES LTD.** 

by: TERRAQUEST LTD.

Toronto, Canada July 7, 1988

RECEIVED

AUG 16 1988

MINING LANDS SECTION



## **TABLE OF CONTENTS**

		Pag
1.	INTRODUCTION	1
2.	THE PROPERTY	1
3.	GEOLOGY	1
4.	SURVEY SPECIFICATIONS	
	4.1 Instruments	1
	4.2 Lines and Data	2
	4.3 Tolerances	2
	4.4 Photomosaics	2
5.	DATA PROCESSING	2
6	STIMMADV	3

## **LIST OF FIGURES**

Figure 1 ~ General Location Map Figure 2 ~ Survey Area Map Figure 3 ~ Sample Record

### LIST OF MAPS IN JACKET

No. A-756-1 ~ Total Magnetic Field No. A-756-2~ Vertical Magnetic Gradient

## . Introduction

This report describes the specifications and results of a geophysical survey carried out for Blue Falcon Mines Ltd. of 20 Advance Blvd., Brampton, Ontario, L6T 4R7 by Terraquest Ltd., 240 Adelaide Street West, Toronto, Canada. The field work was performed between April 11 and 20, 1988 and the data processing, interpretation and reporting from April 21 to July 7, 1988.

The purpose of a survey of this type is two-fold. First 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 metres 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 survey area covers 10 claim block areas within Huffman township in the Porcupine Mining Division of Ontario approximately 100 kilometres southwest of the town of Timmins. Most of the properties can be accessed by water from the Jerome Mine road which is approximately 1 kilometre west of Huffman township.

The latitude and longitude are 47 degrees 38 minutes, and 82 degrees 10 minutes respectively, and the N.T.S. reference is 410/9.

The survey covers 130 claims in nine non-contiguous claim blocks as shown in figure 2.

## 3. Geology

Map References

1. Map 2352: Chapleau

Scale 1:250,000. O.D.M. 1976. 2. Map P2370:

Jerome Area, East Scale 1:15.840

O.G.S. 1980

The survey area is underlain predominantly by a northwest trending belt of mafic to intermediate metavolcanics with minor associated metasediments. It is bounded to the southwest by clastic metasediments and to the northeast by felsic intrusive and metamorphic rocks. Diabase dykes and structures trend to the north-northwest.

## 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 based on the Overhauser effect. The Overhauser effect allows for polarization of a proton rich liquid of the sensor by adding a "free radical" to it and irradiating it by RF magnetic field. Strong precession signals are generated with modest RF power. The sensor element is mounted in an extension of the right wing tip. It's specifications are as follows:

Model: GSM-9BA

Manufacturer: GEM Systems Inc.

105 Scarsdale Road Don Mills, Ontario

Resolution: 0.5 gamma

Accuracy: 0.5 gamma

Cycle time: 0.5 second

Range: 20,000-100,000 gammas in 23

overlapping steps

Gradient tolerance: Up to 5,000 gammas/m

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 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 (Channel 1) that is ideally positioned at right angles to the flight lines, while the ORTHO coil transmitter (Channel 2) should be in line with the flight lines. It's specifications are:

																43.5/16 4	
1777 33 AUS 33 A	ile The	3 143 Di14	43 D:15	43 D/16	43 C+13	410 14	43 C 15	43 C 16	43 8-13	13 8 14	43 B/15	43 8/16	43 A/13		-	43 8/10	33 0/
A/11 A/10 53 /	A/9 (47.0/1	2 43 0/11	43 0/10	43 0/9	43 C-12	.43 C/11	43 C 10	43 C/9	43 8:12	43 9/11	43 8 10	43 8/9	43 A/12	43 A/11	B A I	E -A	
A 6 5 33 A/1 53 J	1/8 43 D/S	43 0/6	43 0:7	43 0/8	43 C/5	43 C/6	43 € 17	43 C/6	43 8/5	43 8.6	43 8;7	43 8/8	43 A/5	43 A/6		43,70	33
A3 53 A/2 53 A		43 0/3	43 0 1	43 D/1	43 C 4	43 6.3	43 C-2	43 C/1	43 B, 4	43 8'3	43 8/2	43 8/1	43 A/4	43 A/3	43 A/2		32
7/14 /52 P/15 52 P/			42 M/15	42 M/16	42 N/13	42 N/14	42 N/15	42 N/16	42-0/13	42-0/14	42-0/15	42-0/16	42 P/13	42 P/14	12 8/15		+
11 52 P/18 52 P/			42 M/10	42 M/9	42 N/12	-42 N/13	42 N/10	42 N/9	42:0/12	42 0/11	42-0/10	42-0/9	42 P/12	42 P/1	1 42 P/10	-	-
52 P/7 52 P/		42 M/62	A2 M/7	42 M/8 /	42 N/5	42 N/6	42 N/7	42 N/8	42.0/5	42-0/6	42-0/1	42.0/8	42 P/5	13/0	MOOSONEE	30	
3 52 P/2 52 P/	B2 8	2. 82 42 M/3	42 M/2	Ã2 M/1	42 N/4	42 N/3	42 N/2	42 N/1	42-0/4	42-0/3	42-0/2	42-0/1	42 9/	10 70	3 220	12 1 42 P	
retar to	82 \ \ 8 1\(\frac{3}{2}\)   1/2 \ \ \ 1/2 \ \ 1/	人。 人。	ATTHS	421/16	42 K/13	-51°-	12 K/15	42 X/15_	42913	42 1/14		42 1/10	11/	10 /	142-17		
52-1/19 52719	42 pt 12	2	42 1/10	42 1/9	2 K/12	A2 K/11	42 K/10	42 1/9	42,1/12			0 42 1/5		0MA AWANA 12 42.1			1/9
52-1/7 \$2-1/8	421/5	121/6	77.	₹ 1/8)	42 N/5	2. log 1. 42 K/6	42 K/7	45 K/8	1 111ANA 42 1/5	42 1/6	42 11	42 11	Λ	70 42			1/8
	81 / 8 42 L/4	42 L/3	Agkina. 42 Lize	42 1/1	42 K/4	42 X/3	-42 N/3		42 1/4	17 42 17	1 12.11	2 426	CORA 42	1/2 / 50:	Mel Sima		2-1/1
SIN	80 8 39 L 7. 42 E/13	42 E/14	42 E/15	42 E/16	80 42 F/13	42 F/14	42 F/15	42 F/16	12-	3 426	14 42 6	15 42 6	116 42 FRAS	H/13 42	H)14 4:	2 H/15 4	2 11/16
Spakespear V 27	42 E/12 BEARDMORE	GERALDIOS	12 FIO	A2 E/9	42 F/12	A2 F/11	42 5/10	12 1/9	HEARSTO 42 6/1	MAI!	ICE 42/G	/10 424	5/9 42	H/12	Z M/11 ISLAND FALLS 76	Sh. 15	42 H/S
12 H/7 V57/1	4245	Allian	42 E/T	12 E/8	10 L No. 12 F/5	42 F/6	12 17	rg { Kamusis £ 42 f/8	) *MEAD 42 G/	5 426		SKASING- 42	SMP TH	2 H/3 ROCK 29 25	H/S	42 H/7 2.5	42 H/
79 Barba 79 52 H/Z 52 H/I	42 E/4	42 E/3	42 E/2 (2	42.E/1	MANITOURVAD 42,7/4	42 5.4	HORNEPAYAN	421/1	42 6/	4 340	12 42	£12 42	619	12 H/4 75	AZ H/3	42 H/2	42 H
rhead L MPIGON  RED ROCK  2 A/15  22 A/15  AZ A/15	2 79 2 2055 2081	<del>                                     </del>	42 D/15	42/0/16	ر در کو کرارع در کو کرارع	49%	Courley 21.ake	7-07 08 P		UKA M	-11-(	8/15 42	8/16	12 A/13	42 8/14	ROQUUS -	421
52 N/19 52 AVE	420/2	SCHRÜBEN 74	FIG TO	2 42 D/9	39 0 0 11 AZ C/12	Tute L.	42 C 0 0	1/C/3		<del>~" </del> '५	8/11 42 79 cr	8/10 A	2.8(9	42 4/12	42 A/11	32,1989	RANS
2 (10) 63 2 (10) 12 (10) 12 (10)		2 7	78/1/21/78	4200	42 C/5	42 C/6	42 C/3	FRANZ	794	Minni Stac 42	B/6	LCCONCAL I	12 8/8	42 A/5	42 N6	\$2 A17 L	<u> </u>
hunder 4		LAC	₹	120/1		42 C/3	Afunishur 42 6/2 AVIX RUNCHION	14 642 \$1	79 7421	"	· ツ - 🗚	2 B/2	01 (VI) 42 8/1 19/1 19	42 A/4	42 N/3	42 A/2	4
8	8°		i	42 0/1 8 0 H 618				$A : \mathbb{R}^3$	79 4 NICHO 41-1	79 & 20N 77 71 11 11 11 11 11 11 11 11 11 11 11	2113	7	10/16	11 1/13	numanna Pers	AL PI	5 \\.
					No.		16	76 100			EMEGOS 1-0/11	SUCIAN SUCIAN SVakami L		41 V12	A PAR	OVICANDA NG TREE 75 1.7715	75
					41 H/12k	000	2 200	25 A1 N	_25 	Westebes 0/5	17 76 100 Lb	Al-O/7	0 1 0/0 k	WESTRE 41 P/S	41 9/6	73 (	-7
				!		18/8	2	HAVANA 41 M	A 41	;0/4 ·	11.0/3	41-0/2	dian Lo	41 P/4	Plake	751761	13.
				47°		<del> ```</del>	表面	יל עני	75 <	77 180 <u>r 1.</u> 1/13		41 1/15	haboni L	y any	111 2	14 1	115 115
						-	Pa Sanna M	EARCHM LEARCHM WALT ST	0A15 41	361 /	75 76 Wakon Wa		awhid: L	CAR	CHE MATOR	80 SUDS	1/10 1/10
							1036				11/6 g	21 1/1 EU	OP ANS A	(414 (SPAN)	بهوراحة	176 80 5	1.10
						<del> </del>		41		SRUE WIN	11/6 S	NOGE 75	SEAN		~~	1/3 15 P	1-1/2
				46°	6°	1	علم	٠,,	***	2	UNI) (TV		1				
				0	U				11	<b>4</b>		Tree to	ALAIAN S	* A	IANTOWANING	i LE	917

FIGURE 1. General Location

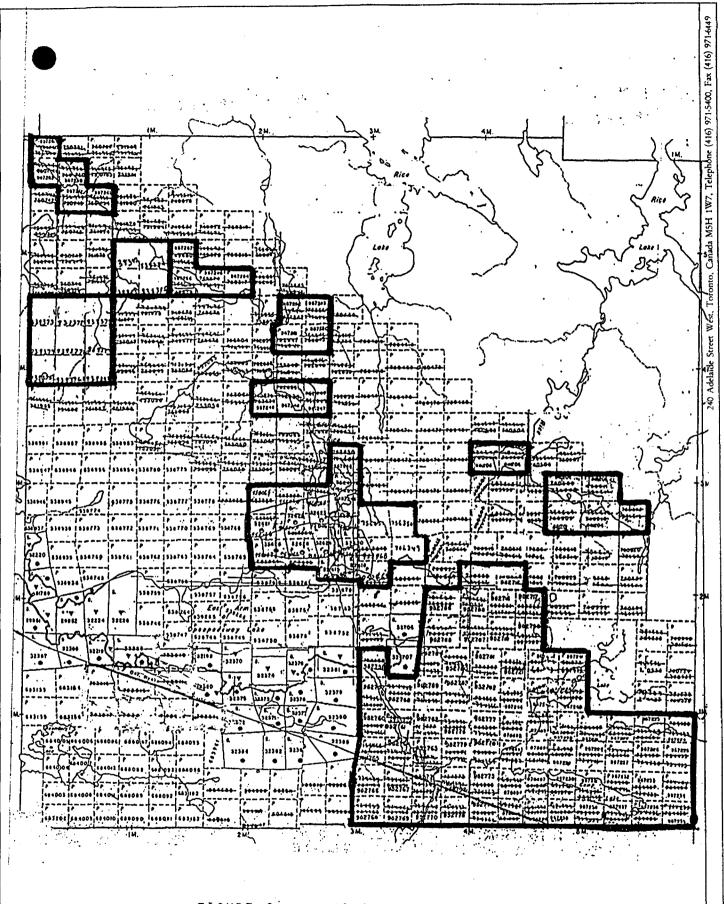


FIGURE 2. Claim Location Map (exact locations not certified)

Model: TOTEM 2A

Manufacturer: Herz Industries

Toronto, Canada

Accuracy: 1%

Reading interval: 0.5 second

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

#### Other instruments are:

- · King KRA-10A radar altimeter
- PDAS-1100 data acquisition system with two 3.5" floppy disk drives manufactured by Picodas Group Inc., Richmond Hill, Ontario
- Geocam video camera and recorder for flight path recovery, manufactured by Geotech Ltd., Markham, Ontario.
- PBAS-9000 portable field base station with a 3.5" floppy disk drive and an analog print out manufactured by Picodas Group Inc., Richmond Hill, Ontario, coupled with a GSM-8 proton magnetometer manufactured by Gem Systems Inc., Toronto, Ontario.

#### 4.2 Lines and Data

Line spacing: 100 metres

Line direction: 360 degrees

Terrain clearance: 100 m

Average ground 156 km/hr

speed:

Data point interval:

Magnetic: 27 metres

VLF-EM: 27 metres

Tie Line interval: 2 km

Channel 1 (LINE): NAA Cutler, 24.0 kHz

Channel 2 (ORTHO): NSS Annapolis, 21.4 kHz

Line km over total 525 line km

survey area

including overrun:

Line km over claim

groups:

Magnetic survey 290 line km

totals:

VLF-EM survey 290 line km

totals:

#### 4.3 Tolerances

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.

Terrain clearance: Portions of line which were flown above 125 metres for more than one km were reflown if safety considerations were acceptable.

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.

Manoeuvre noise: Approximately +/- 5 gammas.

#### 4.4 Photomosaics

For navigating the aircraft and recovering the flight path, semi-controlled mosaics of aerial photographs were made from existing air photos. Each photograph forming the mosaic was adjusted to conform to the NTS map system before the mosaic was assembled.

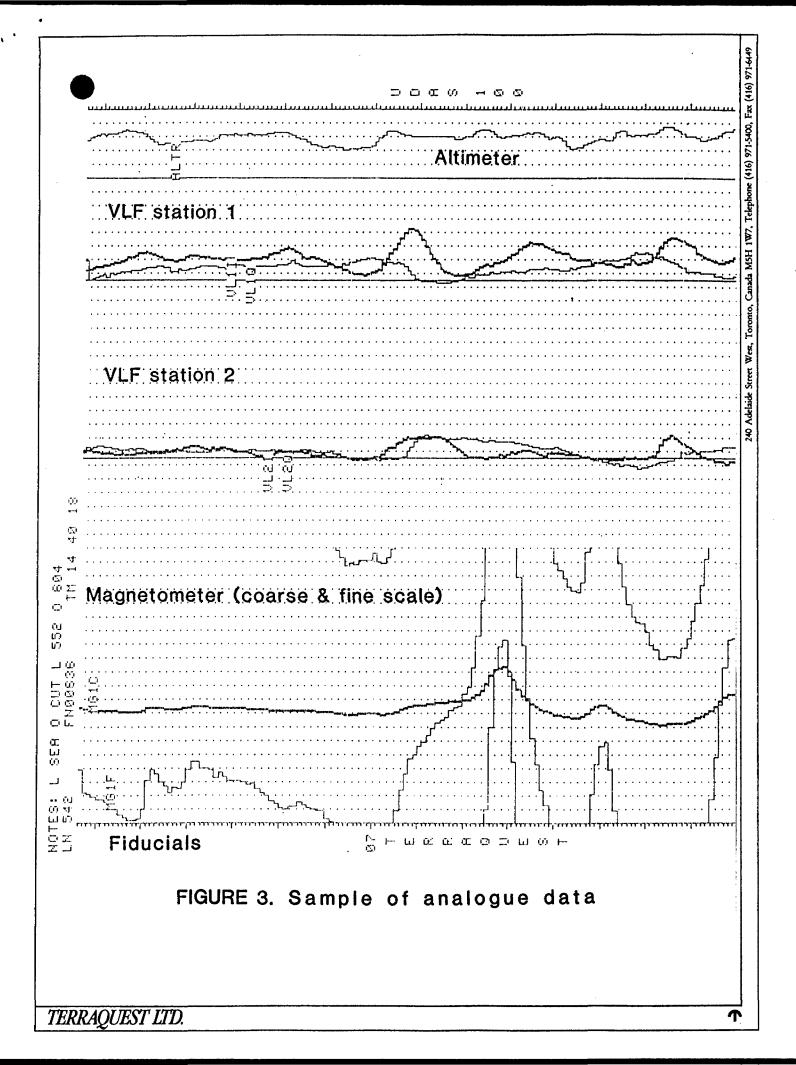
## 5. Data Processing

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 has 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 1/10th of an inch at map scale.

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.

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



- ant, F.S. and Spector A., 1970: Statistical Models for Interpreting Aeromagnetic Data; Geophysics, Vol 35
- Grant, F.S., 1972: Review of Data Processing and Interpretation Methods in Gravity and Magnetics; Geophysics Vol 37-4
- Spector, A., 1968: Spectral Analysis of Aeromagnetic maps; unpublished thesis; University of Toronto.

## 6. Summary

An airborne combined magnetic and VLF-EM survey has been done on the property at line intervals of 100 metres. The total magnetic field and the VLF-EM data are produced at a scale of 1:10,000.

TERRAQUEST LTD.

Charles Q. Barrie, M.Sc.

Geologist

Qual

2.8305

CAL ASSOCIATION

CHARLES Q. BARRIE

FELLOW

Ministry of Report of Work	T &	structions: — f		e or print. of mining claims	traversed
aca Mines (Geophysical, Geologica, Geochemical and Expendent	W8808-230	, 6	xceeds spa	ace on this form, as s credits calculate ures" section may	ttach a list.
	0 18 Mining Act ALE	7 1	n the "E	ures" section may Expend. Days Cr." shaded areas below	' columns,
Type of Survey(s)		Township or		shaded areas below	
Airbonne Magnetometer, Electi	romagnetic	] NY	Prospector	's Licence No.	····
Blue Falcon Mines Ltd			TI		
20 Bd 1222 Blid Board	on Ontonia	1/7	NPF	<u>,</u>	
Survey Company	Date of Survey	(Irom & (o)	7 22	Total Miles of line	Cut
Blue Falcon Mines Ltd.  20 Advance Blud. Brampt  Terraquest Ltd.  Name and Address of Author (of Geo-Technical report)	40° A   WO' I ,	88130 0	0.   Yr.		· · · · · · <del>· · ·</del>
CHARLES BARRIE 240 AC	ELAIDE ST. W.		our.	· MSHIW	<del>}</del>
redits Requested per Each Claim in Columns at right	Mining Claims Traversed (I	List in numeri		ince)	Expend.
Geophysical Claim	Prefix Number	Days Cr.	Prefix	Number	Days Cr.
Enter 40 days. (This	P- 952 466		<b>1</b>	952769	
RECORDO DED	952461	ļ		952770	Anna de la desarra de la constante de la const
using the same grid:	952.468			952771	
Enter 20 days for each)	952469,	·		952.772	ļ
JUNº12'9' 1988	952716			957.773	<b> </b>
Geochemical  Man Days  Cashalad [Jays per]	952717			952774	ļ
Geophysical Claim	952718			952775.	
and enter total(s) here	952719			952776	·
POROUPINE MINING DIVISION E G EM V E D	952720			952777	.
Radiometric 28 1988	952721.			952778	
Othe	952756			952779	
MINING LANDS SECTION	952757			952780	
Goochemical	952758		AC IS	952781	
Antionil Crudis Days per Claim	952759			952782	
Note: Special provisions credits do not apply	952760		•	952783	
to Airborne Survey Magnetometer 40	952761		47.0	952784	
Radiometric	952.762			952 785.	
Expenditures (excludes power stapping)	952 763			952786	
N. C. B. C.	952764		* * -	952787	
Performed on Claim(s)	952 765			952788	
John	952 766			952789	
Calculation of Expenditure Days Credits	952767			,	
Total Expenditures Total Days Credits	952768				
\$ ÷ 15 =				mber of mining	
Instructions			report of	vered by this work.	110
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.	For Office Use C	Only	Mining Re	Adam A	
in colorina at right.		23,1988		XI 1 H	<u>_</u>
Date Piccolded Houser d Agent Degature)	8800 Date Approved	AX 9	Branch D	Mary Com	
June 16,1988 Dunk	Jan A	3	- VIC		<b>)</b>
I hereby certify that I have a personal and intimate knowledge of or witnessed same during and/or after its completion and the and		of Work annex	ed hereto,	having performed t	he work
Name and Postal Address of Person Certifying	iexed report is true.	***************************************	<del></del>		<del></del>
MELL MOVER, BLUE FALCOH	MINES UTD.	20 ADV	ANCE	BWD.	
BRAMPION ONT;	Tune	16	Mi		
1362 (85/12)	ONTABIO	GEOLOGICA	L SURVE	1 F/ass	20
		ESSMENT I			
		OFFICE			
and the second s		JAN 6 19	189		
			•		
·	· · · · · · · · · · · · · · · · · · ·		-		
	RE	CEIV	ED	J	

## ATTACHED LIST OF AIRBORNE SURVEY WORK

## PAGE 2002.

, <b>,</b> .			
CLAIM #	DAYS PER CLAIM	CLAIM #	DAYS PER CLAIM
# 5601- 958806634- 958806667- 958806667- 958806667- 958806667- 958806667- 958806667- 958806667- 9588067- 958807- 958807- 9	80 80 80 80 80 80 80 80 80 80 80 80 80 8	CLAIM # P.881203 881204 881205 881206 957221 957222 957223 957223 957228 957229 957229 957223 957231 957233 957233 957233 957233 957238 957239 957241 957241 957241	80 80 80 80 80 80 80 80 80 80 80 80 80 8
881201 -	80		The state of the s

TOTAL NUMBER OF MINING CLAIMS COVERED BY THIS REPORT OF WORK



## REFERENCES AREAS WITHDRAWN FROM DISPOSITION Frater Twp. Eric Twp. M.R.O. - MINING RIGHTS ONLY S.R.O. - SURFACE RIGHTS ONLY M.+ S. - MINING AND SURFACE RIGHTS 750940 250751 750768 701568 157250 146-146-175-1753 751951 99720 95720 5M + 154144 | 950247 | 741978 749680 749670 700010- 368683 1957232 957253 197236 197236 19445 19444 19444 19495 19444 19444 136273 936376 914376 PTEFFE 176476 PTEFFE 93-93-14-902-77 84-93-14 751-904 751-9 - - THE EVENIES RES 7 3062 13063 | 7 62848 | 76645L Potier SWdy 0 740514 700515 ZB0516 PB0517 ZB0516 780517 539(264) Eost 3, Arm 538755 | 538754 | 5367\53 = 603046 | 603045 29952 32224 32226 Operpression Loke 700529 | 700500 | 605539 | 605533 | 952785 | 952787 | 952787 | 952787 | 952787 | 538747 |538748 |538749 | 538750 538752 191459 704459 1300534 53875) 1 780535 780546 V. 4 32381 780534 360739 952750 952759 952183 | \$52782 | \$957244 | \$957240 | \$959240 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100.0000 | \$100 | Second | S 32376 32373 32378 Arbutus Twp.

## LEGEND

	^
HIGHWAY AND ROUTE No.	
OTHER ROADS	
TRAILS	
SURVEYED LINES:	
TOWNSHIPS, BASE LINES, ETC.	
LOTS, MINING CLAIMS, PARCELS, E	TC. ———
UNSURVEYED LINES:	
LOT LINES	· · · · · · · · · · · · · · · · · · ·
PARCEL BOUNDARY	·
MINING CLAIMS ETC.	
RAILWAY AND RIGHT OF WAY	<del>+</del>
UTILITY LINES	<b></b> ▼
NON-PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	******************
MARSH OR MUSKEG	
MINES '	*
TRAVERSE MONUMENT	

## **DISPOSITION OF CROWN LANDS**

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS .	
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	<u> </u>
LEASE, SURFACE & MINING RIGHTS	
" , SURFACE RIGHTS ONLY	<b>=</b>
" , MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	<b> Y</b>
ORDER-IN-COUNCIL	OC
RESERVATION	🔿
CANCELLED	_
SAND & GRAVEL	

SCALE: 1 INCH = 40 CHAINS

f <b>t t</b> 1 0 <b>t</b> →	1000	2000	4000	6000	8000
0 :	200	1000		2000	

TOWNSHIP

## **HUFFMAN**

M.N.R. ADMINISTRATIVE DISTRICT

CHAPLEAU

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUDBURY



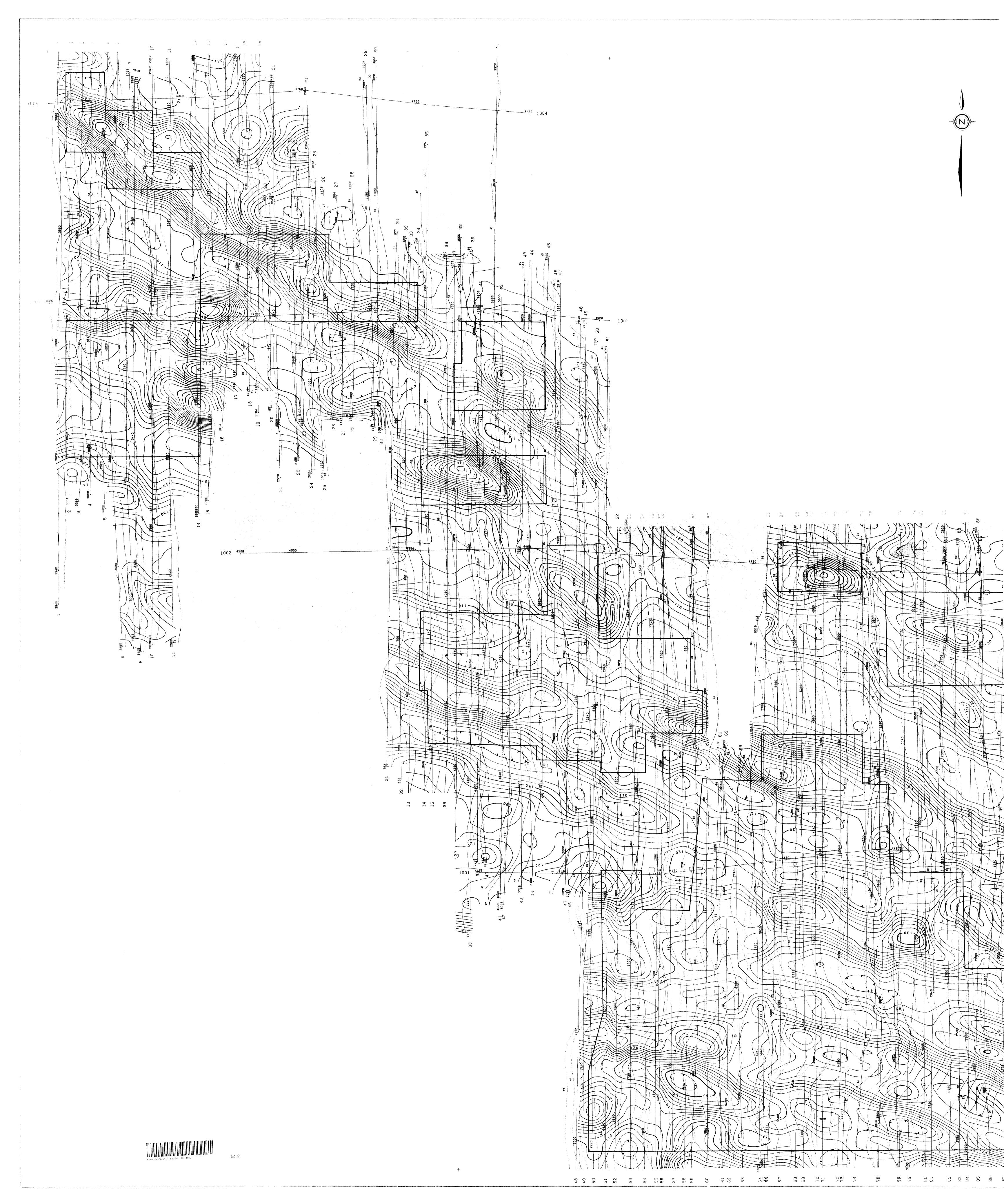
Ministry of Land Natural

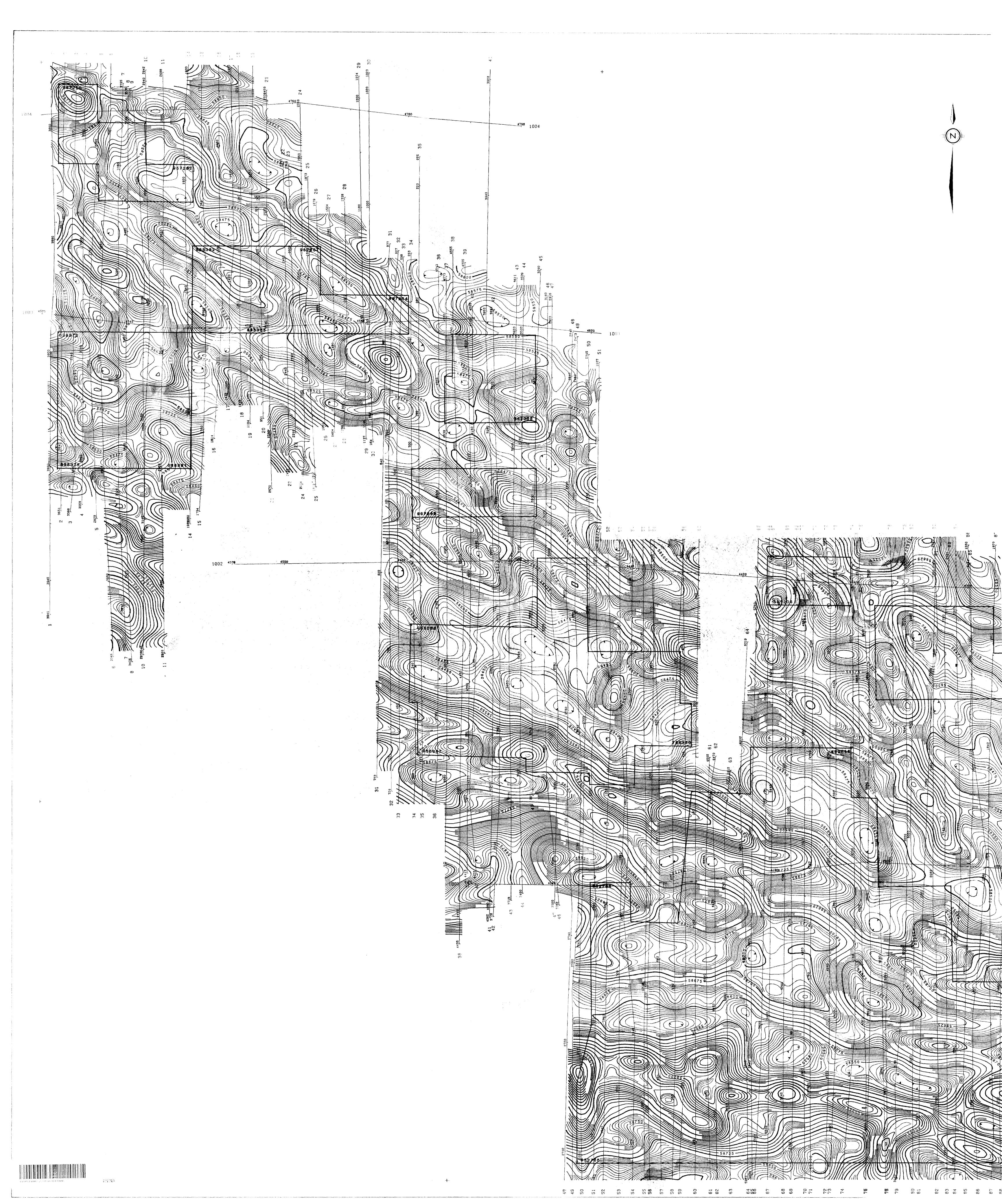
Management Resources Branch

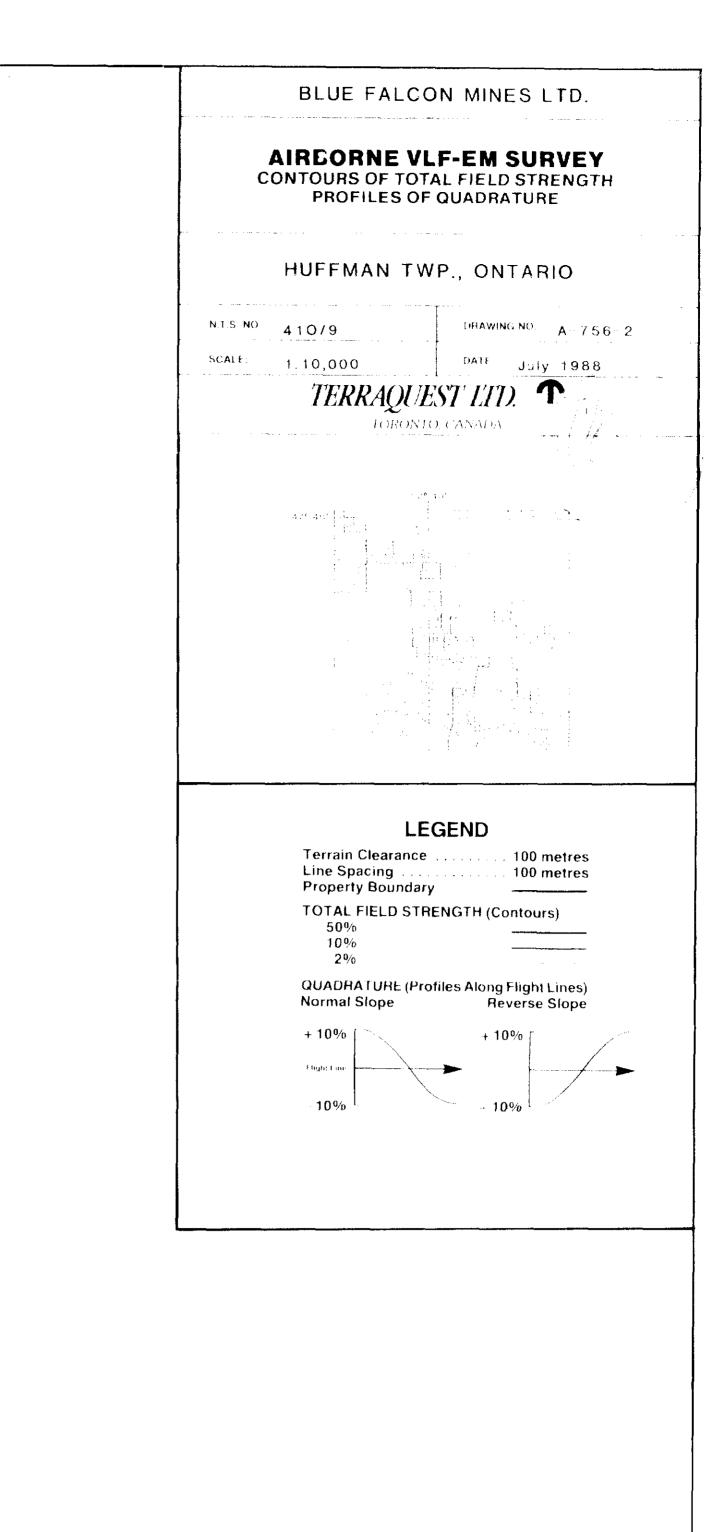
Date MARCH 1985

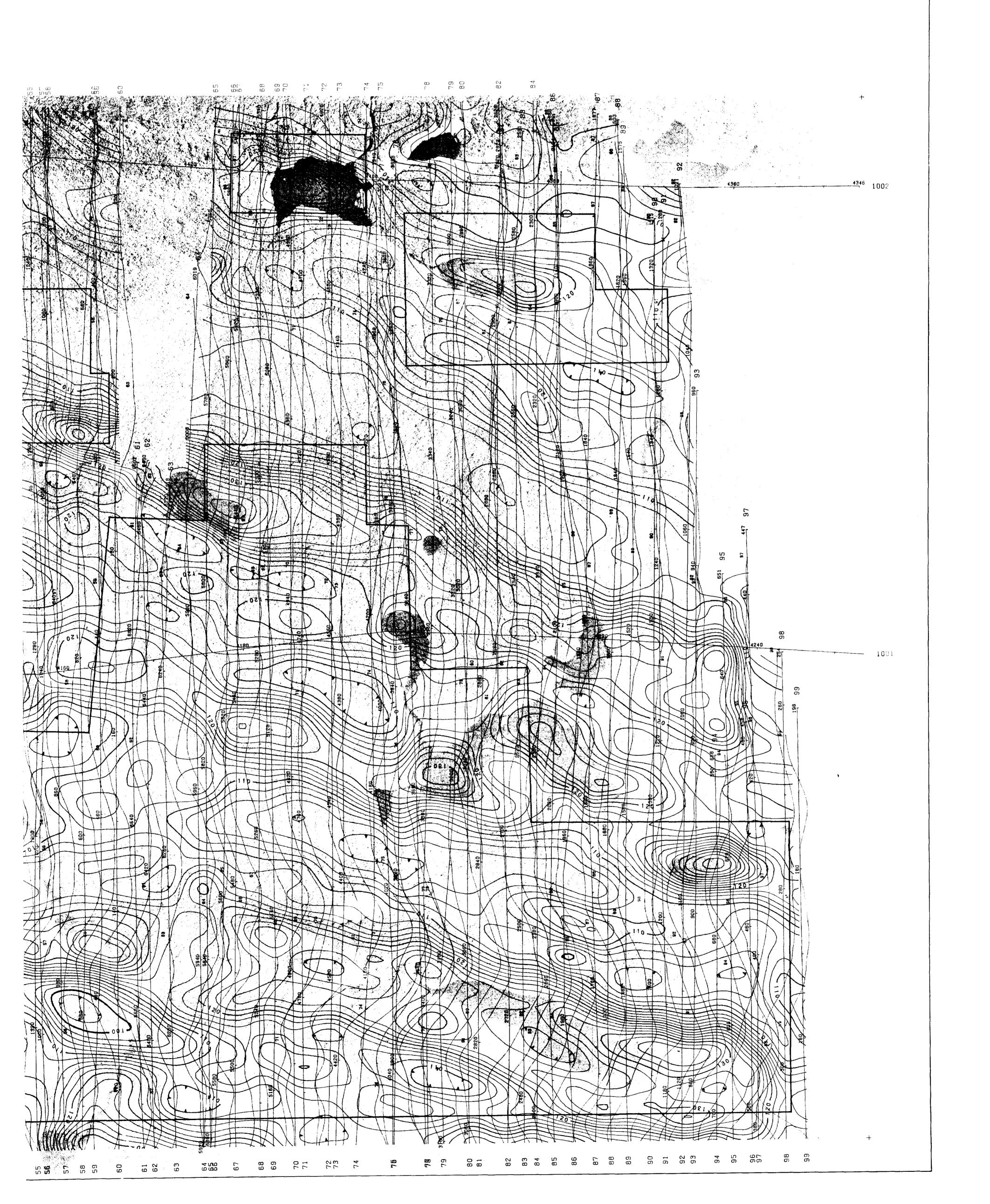
ref ) ..... 6/85

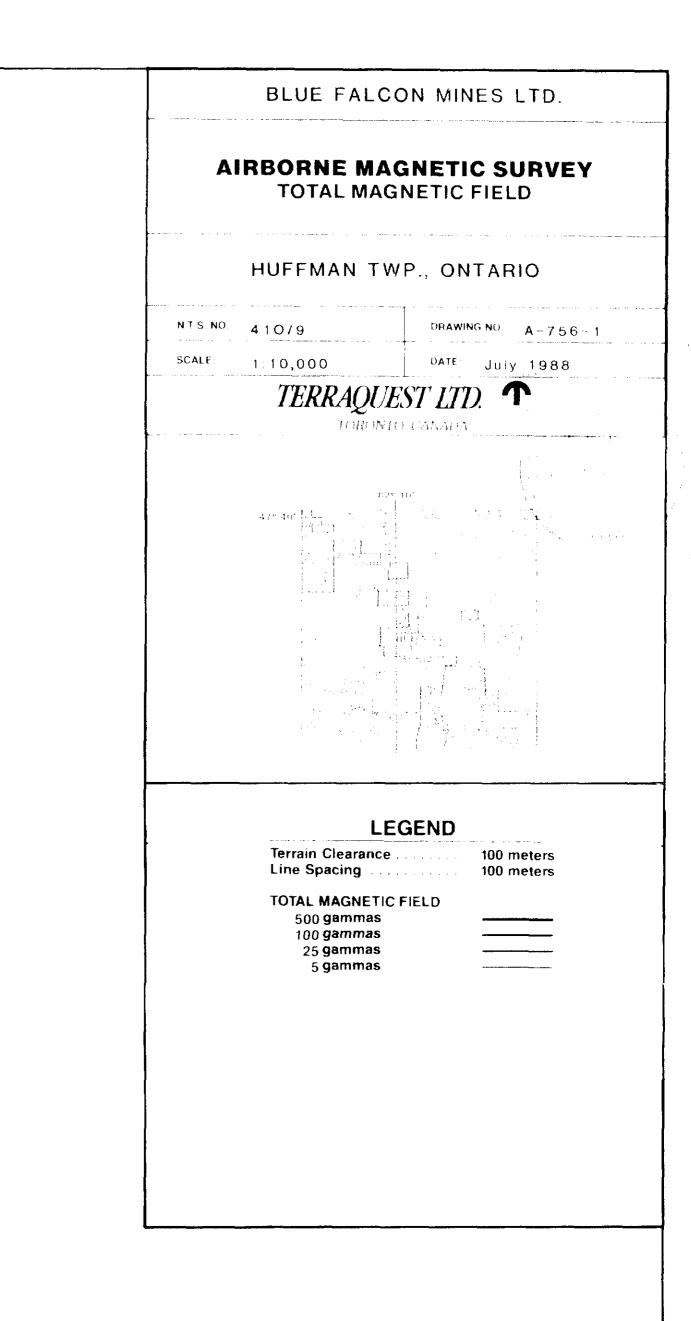
G-3232

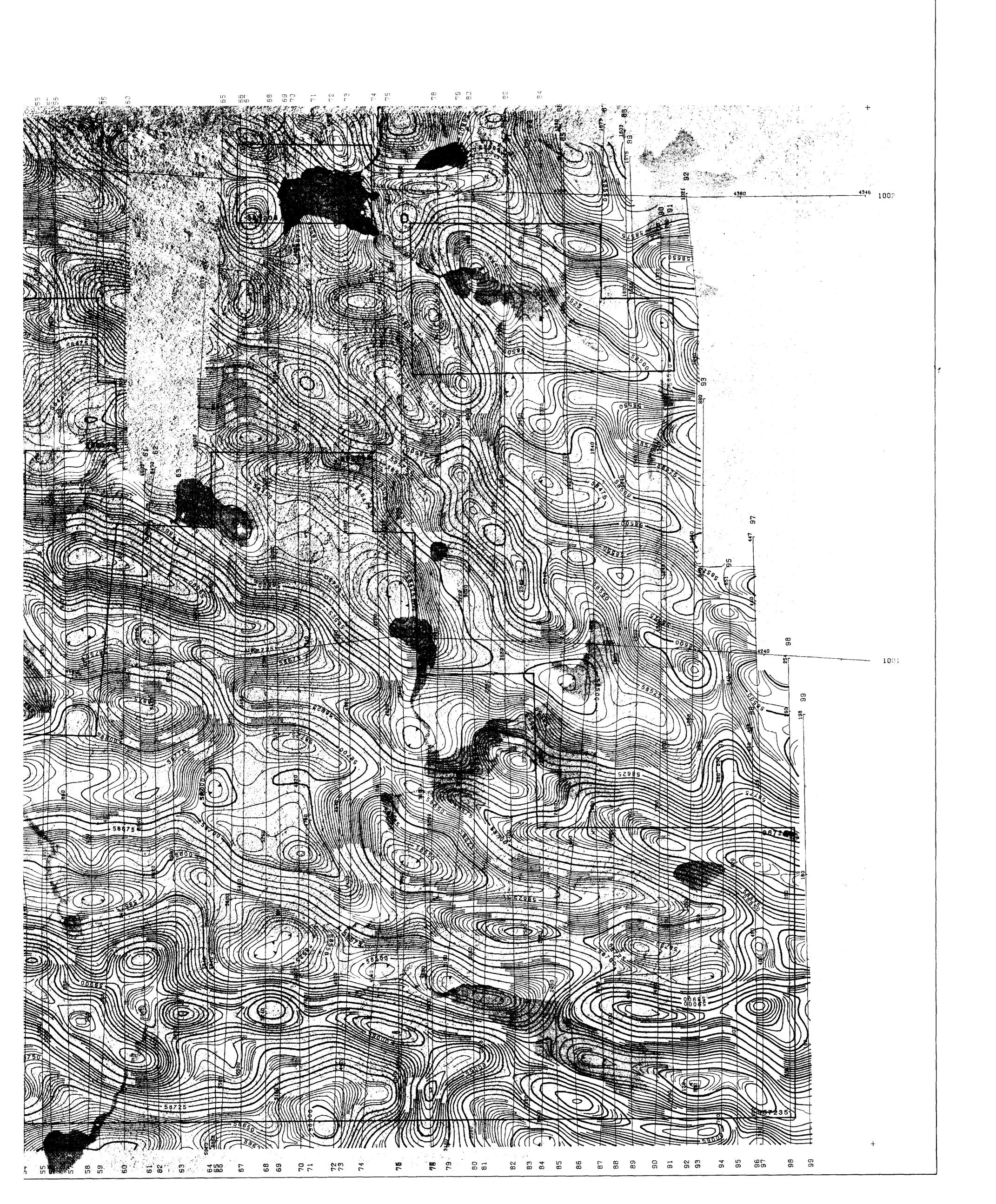












## ATTACHED LIST OF AIRBORNE SURVEY WORK

## PAGE 2002.

CLAIM #	DAYS PER CLAIM	CLAIM #	DAYS PER	CLAIM
P. 956061- 9580662- 9580663- 9580664- 95880664- 95880664- 95580667- 9558067- 9558067- 9558067- 9558067- 9558067- 9558067- 9558067- 95580	80 80 80 80 80 80	P.881202 .881203 .881204 .881206 .957220 .957221 .957222 .957223 .957224 .957228 .957228 .957230 .957230 .957230 .957230 .957233 .957233 .957236 .957237 .957237 .957238 .957240 .957241 .957242 .957243 .957243	80 80 80 80 80 80 80 80 80 80 80 80 80 8	SEP BURE

TOTAL NUMBER OF MINING CLAIMS COVERED BY THIS REPORT OF WORK

