



41112NE0000 0015C1 HESS

010

63.2040

GEOPHYSICAL REPORT  
Landry Group of Claims  
Location and Means of Access

The Landry Group comprises 45 contiguous, unpatented mining claims numbered:

S132748 to 132756 inclusive  
S132990 to 132998 inclusive  
S133517 to 133525 inclusive  
S133026 to 133034 inclusive  
S133587 to 133595 inclusive

Forty-two of the claims are located in the southwest portion of Hess Township, and three claims are along the northern boundary of Cartier Township.

The above townships are in the northwest portion of the Sudbury Mining District, approximately 30 miles northwest of the city of Sudbury.

The property is readily accessible from Highway 144 which passes within a mile of the western boundary of the property. The village of Cartier adjoins the southern boundary of the property, and two tote roads extend into the property from the village.

The survey is submitted as assessment work by the owners, The Jaybee Landry Exploration and Mining Company Limited, 18 Durham Street South, Sudbury, Ontario.

Claims covered by survey portions of claims #S132748 and #S132754. Casual readings were taken on other claims.

Date of Survey: Lines were cut on December 17 and 18, 1965, and the survey made on January 22 and 23, 1966.

Geological Data: Geological Map No. 38H, Ontario Department of Mines shows relatively small areas of exposed limestone of the Bruce Series and some basic intrusives. D.D. #1 (Fig. 1) was collared in an exposed gabbro intrusive that appears to be the F.W. contact of magnetite deposit partly exposed in trenches over a width of approximately 140'.

A ridge of exposed altered quartzites and greywackes strike N. 40° E. at the eastern end of the survey.

Exploration: Banded magnetite-limestone-schist formation was uncovered in trenches #1, 2, 3, 4. Trench #5 exposed altered quartzites and greywackes. Trenches #6, 7, 8 did not reach bedrock.

The magnetite appears to be a typical replacement of an impure limestone.

Geophysical Report, Jaybee Landry--2

Exploration (continued):

D.D. Hole #1 was abandoned at 35' when it failed to intersect the magnetite deposit .

Holes #2 and 3 were collared to drill across what appeared to be the strike of the magnetite deposit, but now appears to be shearing within the magnetite deposit. Hole #2 was abandoned in ore while Hole #3 intersected the F.W. at 33.5'. Hole #4 intersected F.W. at 45'. Hole #5 was abandoned in ore.

Hole #6 was drilled in an attempt to intersect the H.W. contact. The hole reached the capacity of the drill at 126' showing narrow stringers of magnetite (1/8") in limestone between 114 and 126'.

Eight holes were drilled for a total of 524'. Results are as follows:

<u>Hole #</u>	<u>Dip</u>	<u>Direction</u>	<u>Length of Sample</u> From - To	<u>% Fe</u>	<u>% Cu</u>	<u>% P<sub>2</sub>O<sub>5</sub></u>	<u>% S</u>
2	34°	Northwest	0 - 20'	51.7			
			20' - 35'	57.0	Tr.		
			35' - 46'	47.4	Tr.		
			46' - 62'	38.4	Tr.		
3	50°	Southeast	0 - 19'	48.7	0.23		
			19 - 33.5'	55.1	0.07		
4	83°	Northwest	0 - 15'	46.6	0.23		
			15' - 28'	40.3	0.16		
			28' - 45'	43.7	Tr.	0.03	0.43
5	83°	Northwest	0 - 25'	Not assayed.		Estimated 50% Fe	
			25' - 30'	53.8	0.14	0.015	0.27
			30' - 45'	50.2	Tr.		
			45' - 55'	33.05	0.65		
			55' - 63'	39.3	0.26		
			63' - 76'	31.8	0.06		

Geophysical Report, Jaybee Laundry--3

Exploration (continued):

<u>Hole #</u>	<u>Dip</u>	<u>Direction</u>	<u>Length of Sample</u>	<u>% Fe</u>	<u>% Cu</u>	<u>%P<sub>2</sub>O<sub>5</sub></u>	<u>% S</u>
6	70°	S.E. 20°	0 - 85'	Not Assayed			
			85 - 87'	2.56			
			87 - 111'	Not Assayed			
			111 - 126'	3.59	Tr.		
7	68°	S. 35°E.	0 - 26'	52.8	Tr.		
8	40°	N. 35°W.	0 - 15'	53.3	Tr.		
			15 - 38'	46.8	Tr.		
			38 - 60'	50.3	Tr.		
			60 - 68'	51.4	Tr.		
			68 - 88'	49.8	Tr.		
			88 - 105'	51.1	Tr.		

The ore-body appears to be limited in length to approximately 600' and a maximum width of 120'. The depth of the ore is unknown, although hole #5 assayed 31.8% soluble iron from 63' to 76'. This result is inconclusive as the hole was drilled down-dip.

Maximum positive readings (180°) were observed over trench #2 where the ore appears to bottom at approximately 30'-40'. Maximum negative readings (0°) were observed to the H.W. where bedrock is covered with an unknown thickness of glacial till.

Copper stain (malachite and occasional azurite) were observed in trenches 1, 2, 3, 4, with the heaviest concentration across 4' in the northern portion of trench #2 approximately 35' N. of the F.W. contact.

Chalcopyrite is also found in limestone and anorthosite in trench #1. A representative chip sample across four feet assayed 5.36% soluble iron and 1.16% copper. Massive magnetite occurs to the H.W. of this section.

A chip sample across 4' in trench #2 where the heaviest copper stain occurs assayed 41.0% sol. Fe. and 0.30% Cu.

Geophysical Report, Jaybee Landry--4

Type of Instrument: Sherpe D-2 Dip Needle, Lake Superior Type  
Scale interval 1°

Lines and Stations: 1.6 miles of line were cut and a total of  
160 readings taken.

Assessment Work:

L. J. Landry, Lorne St. Cartier, Ont., Line Cutting and Chaining Dec. 17-18, Jan. 22-23	4
C. J. Landry, 37 Gill St., Onaping, Ont., Line Cutting and Chaining Dec. 17-18, Jan. 22-23	4
J. Bardswich, 248 Brebeuf Ave., Sudbury, Ont., Field Jan. 22-23	14
E. Bardswich, 248 Brebeuf Ave., Sudbury, Ont., Field Jan. 22-23	14
J. Bardswich, 248 Brebeuf Avs., Sudbury, Ont., Office Sept. 6-7-8-9	28
D. L. Bardswich, 248 Brebeuf Ave., Sudbury, Ont., Typing, Sept. 9	1

65 Days

*J. Bardswich P. Eng.*

*Note: Only 1 claim surveyed - S 132748*

*S 132754 not sufficiently covered  
to warrant credits.*

*JW*



EASTERN ONTARIO  
MINING DIVISION



ONTARIO

69.2040

PARLIAMENT BUILDINGS  
TORONTO 2, ONTARIO  
TEL. 365-1322

DEPARTMENT OF MINES  
OFFICE OF MINING RECORDER

August 2, 1967.

Re: S 132748 et al  
Hess Township

Dear Madam:

The geophysical assessment work credits as listed with my Notice of Intent dated June 22, 1967 have been approved as of the above date. Please inform the recorded holder and so indicate on your records.

Yours very truly,

Fred W. Matthews,  
Mining Recorder.

/csc

cc: C. J. Landry,  
J. Bardwich & Associates,  
J. F. McFarland,  
Dr. J. F. Donovan,

Mrs. Ruth Duval,  
Acting Mining Recorder,  
Sudbury, Ontario.

1 claim

geophysical maps



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## D-2 DIP NEEDLE

As a reliable, economical instrument for the detection of strong magnetic anomalies of the order of 1000 gammas or more, this instrument has no superior. It is of the Lake Superior type, i.e. it may be read at rest or on the swing for greater accuracy and range. It has the following features:

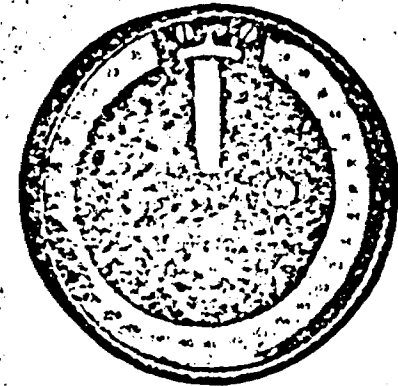
- Damping arrangement to speed orientation

- 
- Dual spirit levels for orientation and dip measurement
  - Permanently fixed, improved jewel bearings
  - Pocket size
  - Superior quality of housing

### SPECIFICATIONS

Weight—1 $\frac{1}{4}$  lbs. (.56 Kg)

Size —4 $\frac{1}{2}$ " dia. x 1 $\frac{5}{8}$ "



S133026

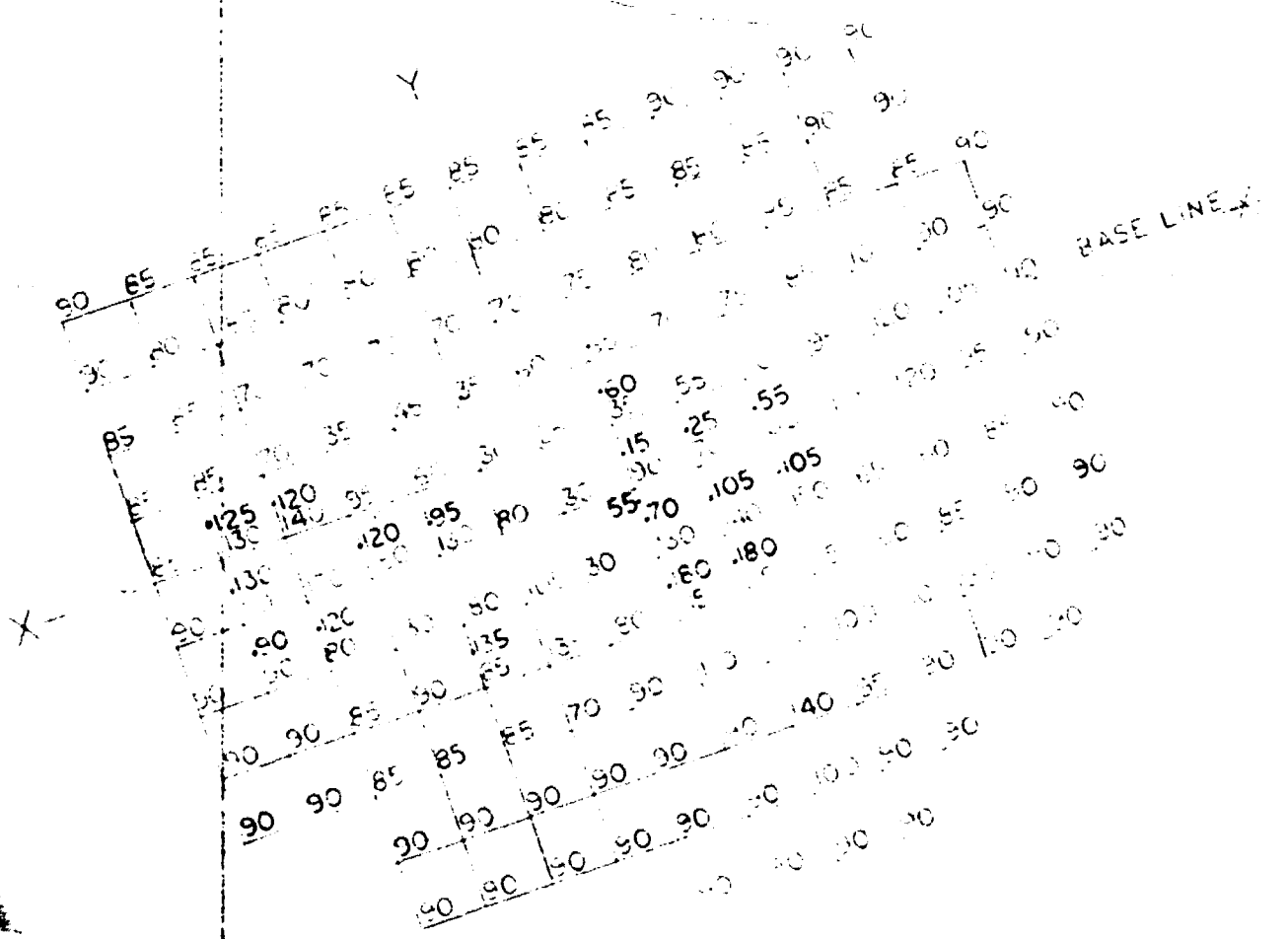
S132749

#4 COR.

#1 COR.

S132751

HESS LAKE



STATION  
DIP HEAD  
NOW  
SET TO HEAD 90°

LANDRY PROPERTY  
SURVLY

SCALE - 1" = 100'

SEPT. 1966

*Baird*

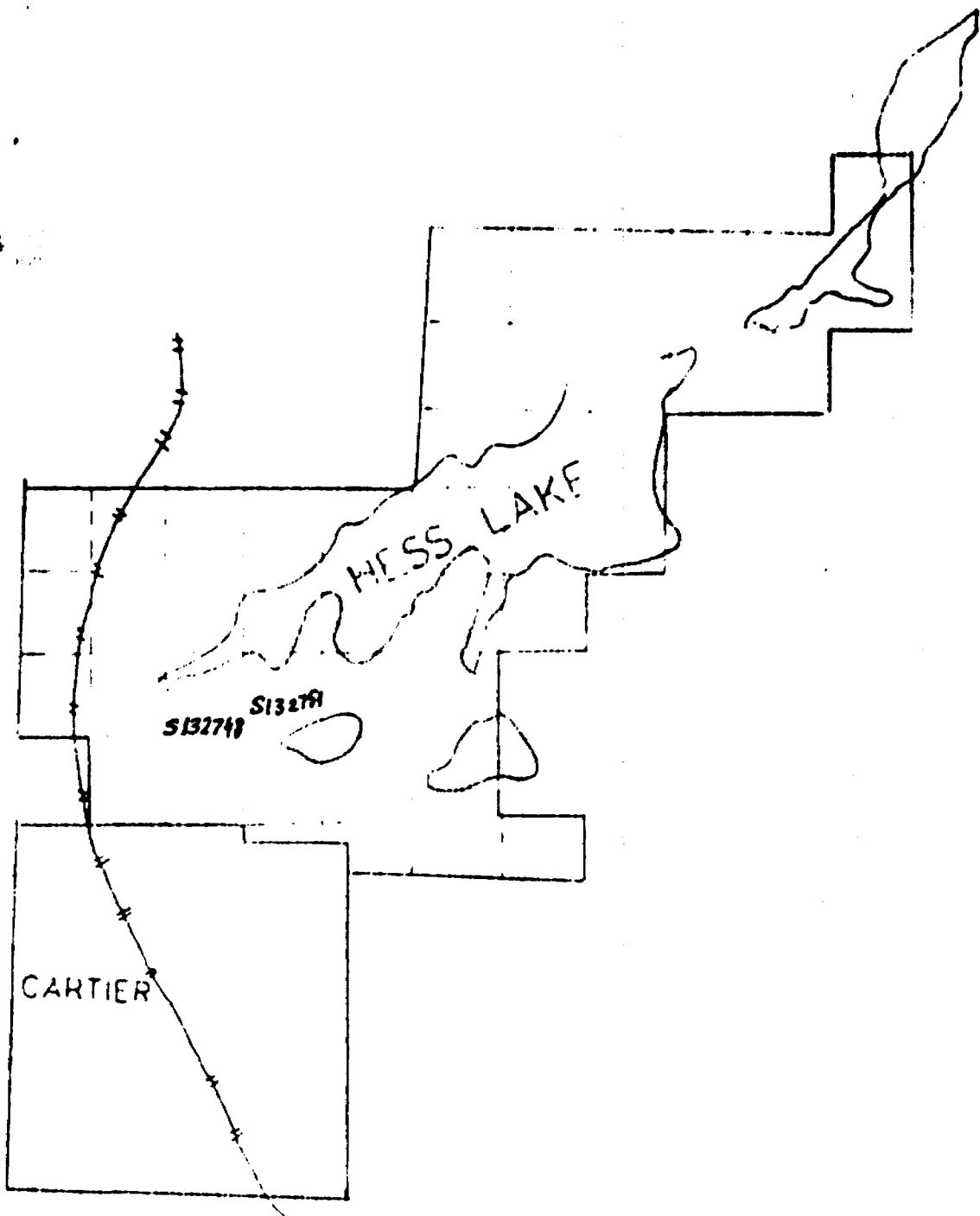
S132754

#3 COR.

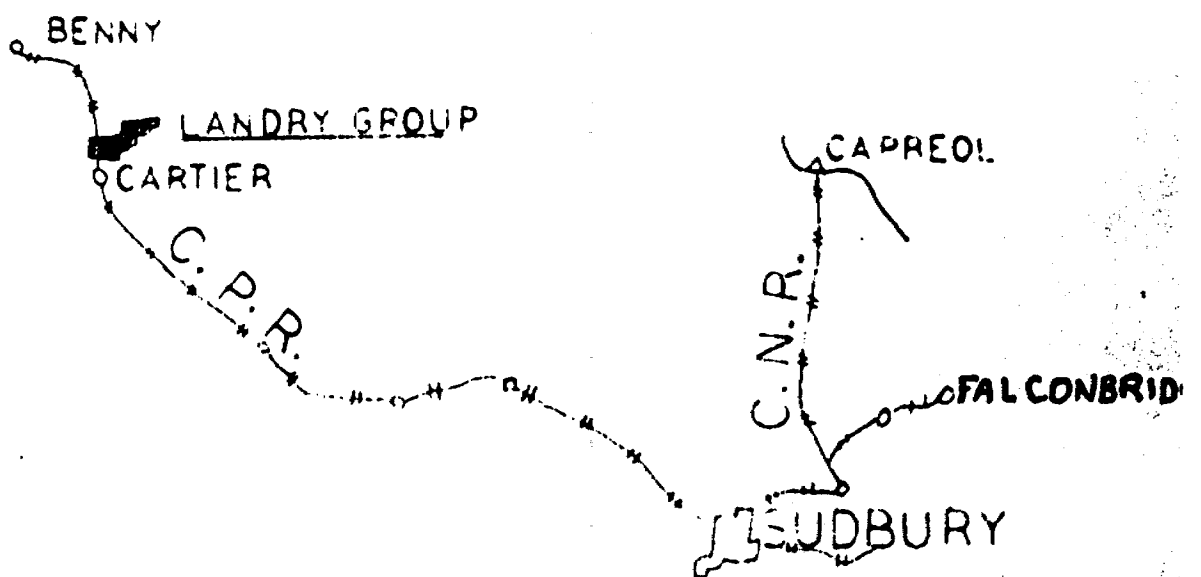
S132748

#2 COR.





X-



4

HESS LAKE



Y

X

DD.6  
TR.20

TR.5  
TR.7

TR.6

TR.1

300'

270'

DD.5,7,8  
TR.4  
DD.2,4,3  
TR.2  
DD.1

170'  
35'

480'

70'

X

Y

SCALE: 1"=100' SEPT. 1966

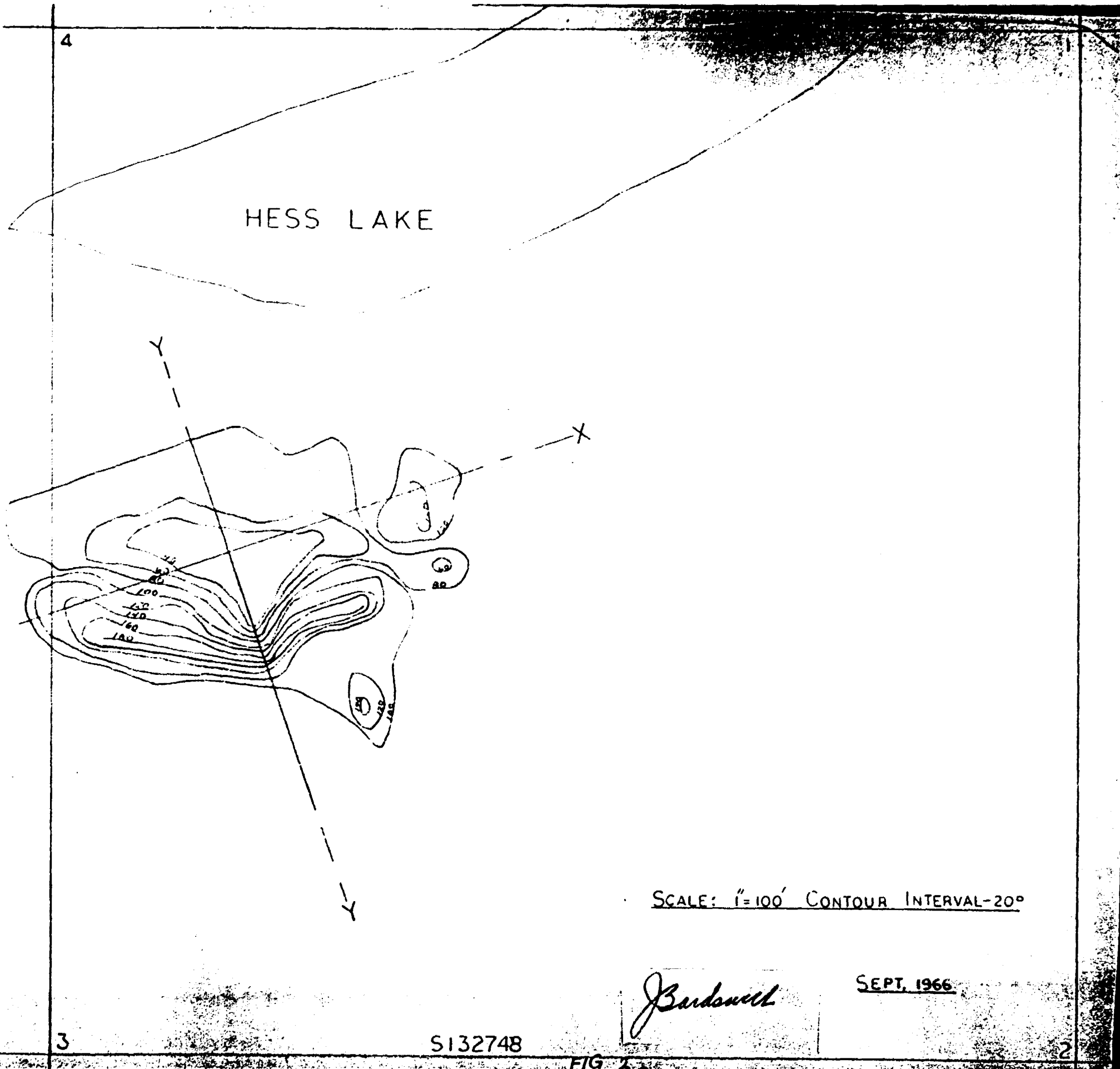
*J. Bardswell*

3

S132748

FIG 3

2



HESS LAKE

BRIDGE

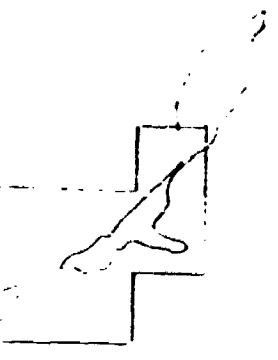
SCALE: 1"=100' CONTOUR INTERVAL-20'

SEPT, 1966

*Bardwell*

5132748

FIG 2.26

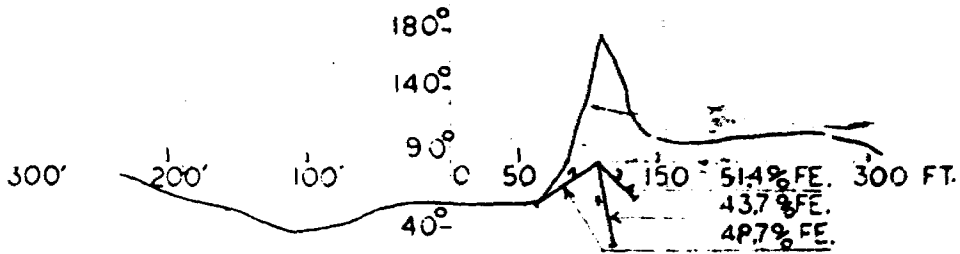


CAPHEOL  
 C.V.R.  
 FALCON BRIDGE  
 LISJDBURY

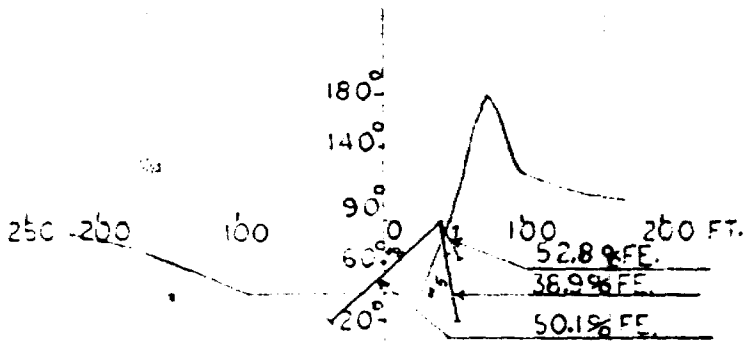
4

3

2



PROFILE OVER D.D. HOLES #2, 3, 4.



PROFILE OVER D.D. HOLES #5, 7, 8.

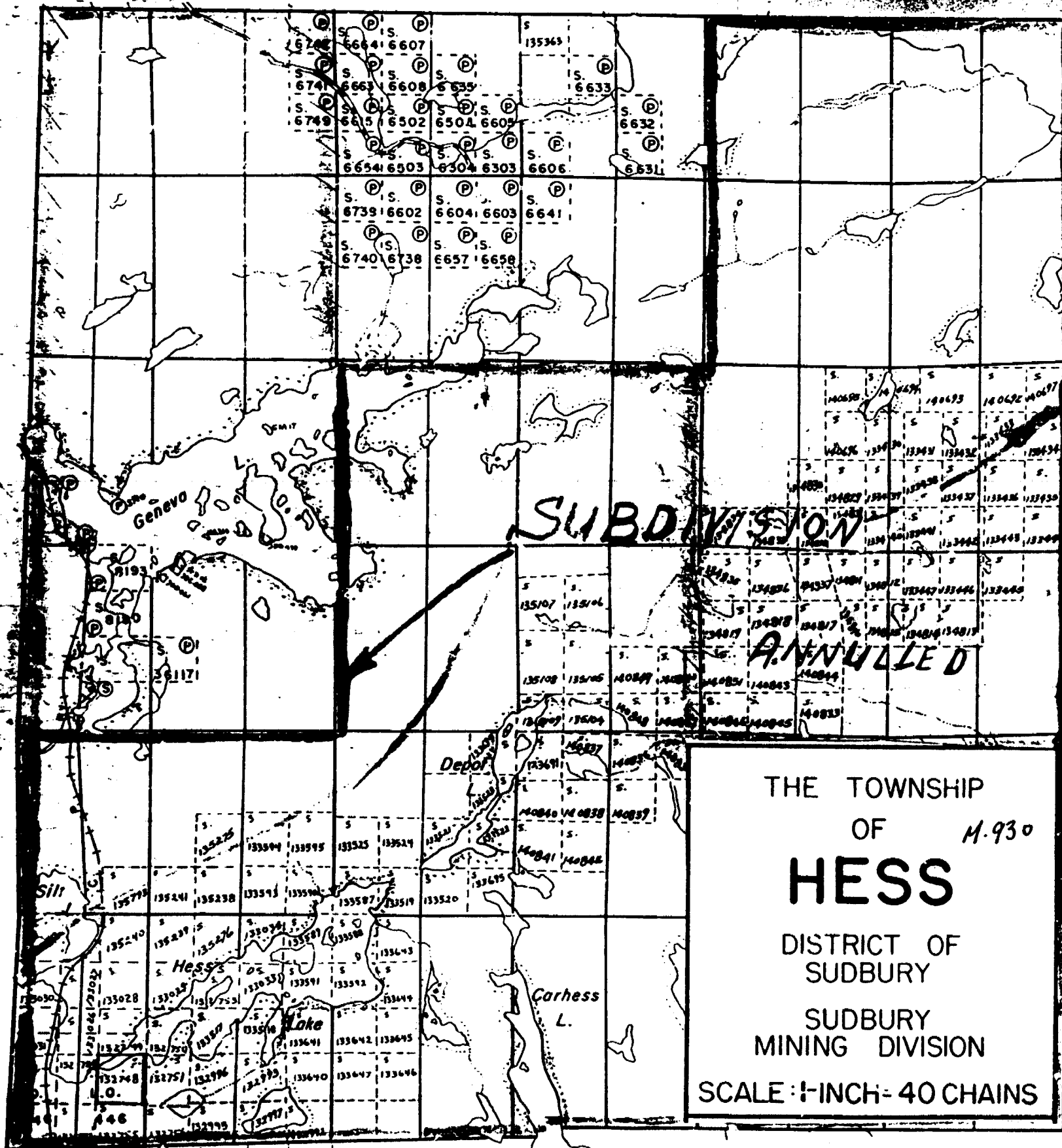
MAGNETIC PROFILES  
LANDRY PROPERTY

SEPT. 1966

*Bardwich*

MUNSTER TWP.

MONCRIEFF TWP.



VI

V

IV

III

II

I

HARTY TWP.

THE TOWNSHIP  
 OF M. 930  
**HESS**  
 DISTRICT OF  
 SUDBURY  
 SUDBURY  
 MINING DIVISION  
 SCALE: 1-INCH = 40 CHAINS

CARTIER TWP.