

1680

CANEX AERIAL EXPLORATION LTD.

DIVISION OF CANADIAN EXPLORATION LIMITED

700 BURRARD BUILDING

VANCOUVER 5, B. C. CANADA

PART 2

GEOPHYSICAL REPORT

MAGNETOMETER SURVEY FOR GUNN MINES LTD. (N.P.L.)

GRANITE MOUNTAIN; McLEESE LAKE

52° 30', 122° 14'

CLAIMS H.D. 1-12, H.D. 17-18Fr., H.D. 19-20, F.F.E. 11-19,

F.F.E. 21, Bronc 9-10, F.I. 1-4Fr. APPLIED TO

H.D. 8-12, F.I. 1-4Fr.

R. W. CANNON, B.A.Sc., P. Eng.

JULY, 1968

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BREAKDOWN OF EXPENDITURES

Magnetometer Survey

Days worked per man

B. Huston 4 days
C. Wilmot 2 days
6 man days

Wages @ \$25.00/day = 6 x \$25.00	\$150.00
Camp Cost \$8/day/man = 6 x \$8.00	48.00
Administration, Compensation, Supervision @ \$5/day/man = 6 x \$5.00	30.00
Equipment Rental \$50/week	<u>50.00</u>
TOTAL COSTS	\$278.00

Declared before me at the *City*
of *Nanaimo* in the
Province of British Columbia, this *23*
day of *September 1968*

R. W. Cannon P. Eng.
R. W. CANNON

Gene Turner
A Commissioner for taking Affidavits in this British Columbia or
A Notary Public in and for the Province of British Columbia
Sub-mining Recorder

INTRODUCTION

Upon completion of the Induced Polarisation Survey, a magnetometer survey was conducted over the anomalous I.P. zones. The magnetometer survey was restricted to an area north of the baseline and west of line 24+00E. It covered 11.3 line miles and used the same lines as the I.P. survey.

SUMMARY AND CONCLUSIONS

No substantial variation in magnetic effect was found on the area covered by the survey. It was concluded that magnetometer surveys in this area are of little or no value in the outlining of the mineralized zones.

LOCATION AND ACCESS

The property is located 8½ miles northeast of McLeese Lake and can be reached by means of a gravel road to a sawmill and then by means of a 4-wheel drive bush road.

PREVIOUS WORK

The previous work consisted of trenching and the drilling of 11 diamond drill holes by Gunn Mines Ltd. An induced polarization survey was conducted by Canax Aerial Exploration Limited during May and June, 1968.

MAGNETOMETER SURVEY

The magnetometer survey was carried out using a Jalander flux-gate type of instrument. This instrument has a sensitivity of ± 10 gammas. The survey covered 11.3 line miles and it was hoped that this survey would outline the same two anomalous zones picked up by the I.P. survey.

...continued

An overall variation of less than 150 gammas was detected on the property with four isolated high zones detected, one on Line 0+00 and centered around 26N and the others on Line 40+00W and centered on 48N, 54N and 59N. The magnetic high on Line 0+00 is in the vicinity of a drill site and is probably due to casing left in or around the hole. The highs on Line 40+00W are spotty and do not correspond very well with the I.P. anomaly.

CONCLUSIONS

It was concluded that magnetometer surveys are of little or no value in this particular area.

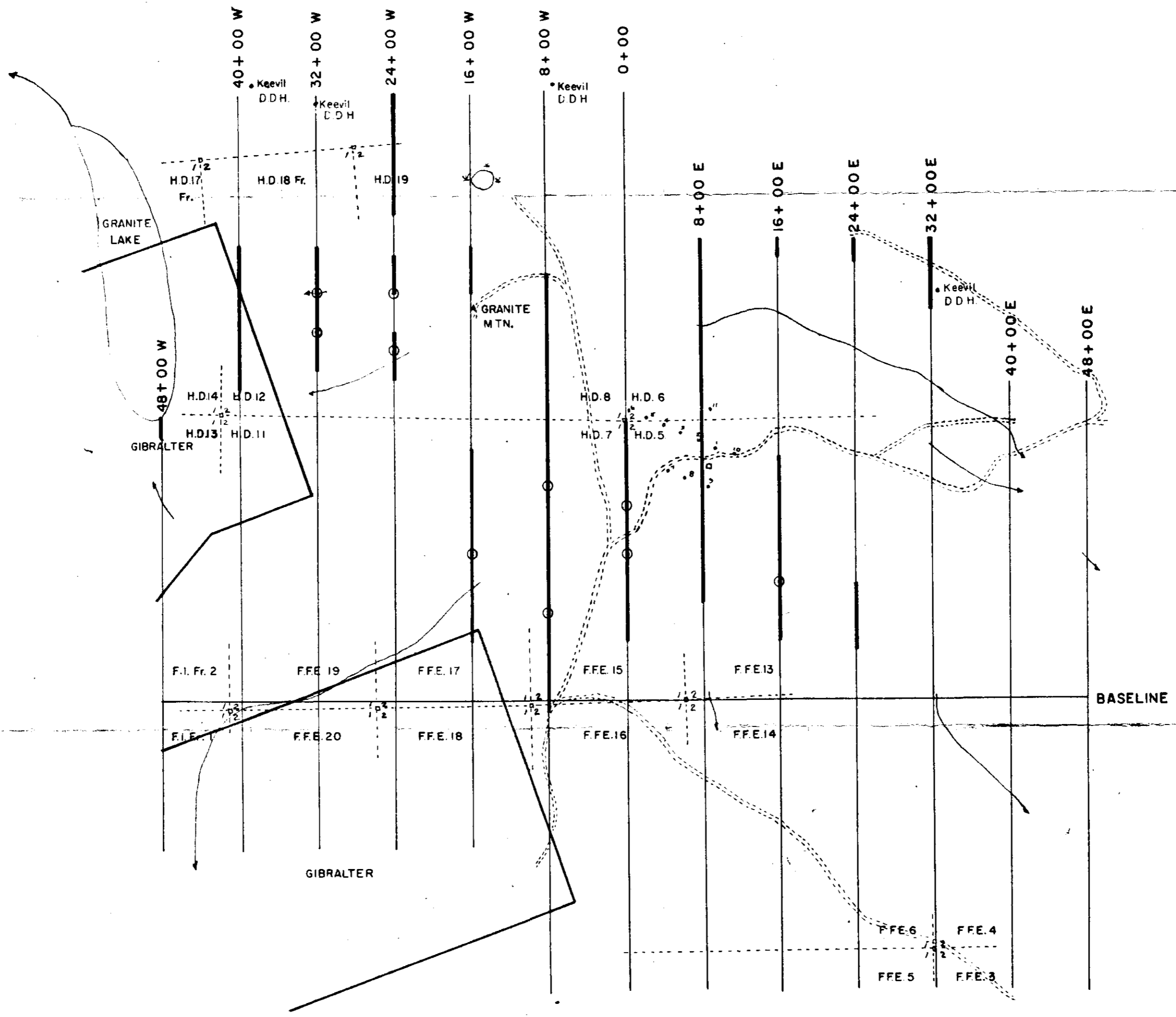
R. W. Cannon, P. Eng.

QUALIFICATIONS OF THE GEOPHYSICAL OPERATOR

The operator was D. Huston who graduated in mining from the B. C. Institute of Technology in 1966 and has worked in mining for the past two years. He conducted the magnetometer survey under my personal direction.

R. W. Cannon, P. Eng.

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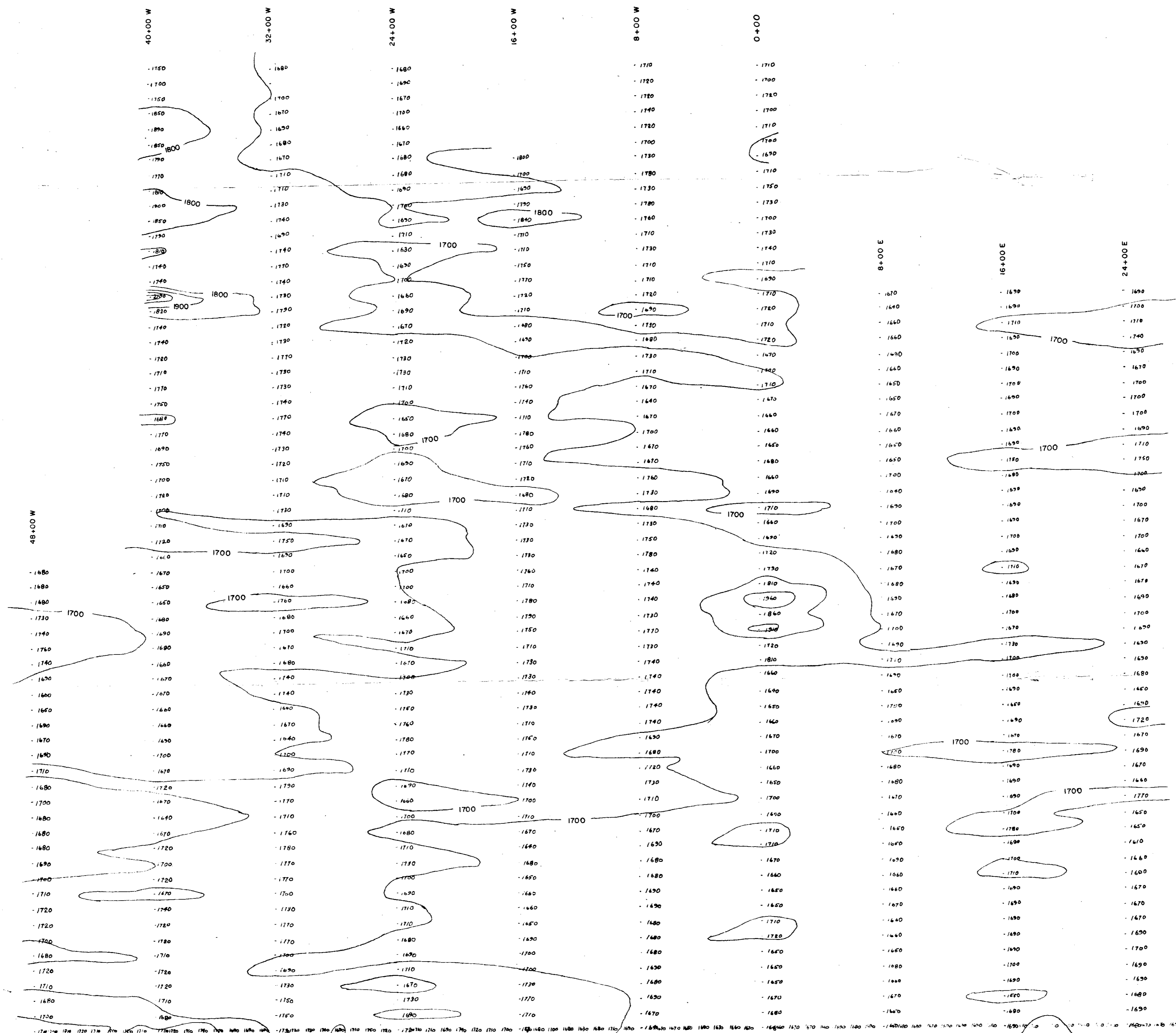
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 1680 MAP 1

- LEGEND
- Previous D.D.H.'s
 - Proposed percussion holes
 - I.P. anomalies



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DRAWN R.W.C.	SCALE 1"=1000'	CANEX AERIAL EXPLORATION LTD.	PLAN OF I.P. GRID
TRACED R.W.C.	DATE JULY, 1968	GUNN MINES LIMITED	FILE No. 11-2-70
APPROVED			



1680

CONTOUR INTERVAL = 100 γ



DRAWN RWC.	SCALE 1"=400'	CANEX AERIAL EXPLORATION LTD.	MAGNETOMETER SURVEY
TRACED	DATE JULY 1968	GUNN MINES LIMITED	FILE No.
APPROVED			