PROVINCE OF ONTARIO

DEPARTMENT MINES AND TECHNICAL SURVEYS

SHEET 41 H DEPARTMENT OF MINES GEOLOGICAL SURVEY OF CANADA AEROMAGNETIC SERIES 82°00' 50 35 58,940 Cloche Island Frazer-CURRENT MAIR FIELD? Sucker Creek RUTHERFORD HIGHWAY 540 George (Island -Channe HOWLAND Heywood 55 Perch Bold Pt Northwest Burnt/ Island Big Burnt Island GEORGIAN MANITOULIN-BAY Indian Reserve No. 24 50 50 SHEGUIANDAH Wikwemikong Cape Smith Bay MANITOUL Manitoulin Island Reserve/ Manitou Lake

82°00'

55

ISOMAGNETIC LINES (absolute total field) 100 gammas 20 gammas 10 gammas Flight lines

Flight altitude 1000 feet above ground level

50

LITTLE CURRENT

MAP 2270 G

Joins Map 2269G, "Manitowaning"

MANITOULIN DISTRICT ONTARIO

Airborne Magnetic Survey, October 1962 to May 1963 by Spartan Air Services Ltd.

No correction has been made for regional variation.

The planimetry for this map was obtained from topographical map sheets published by the Department of Mines and Technical Surveys and the Ontario Department of Lands and Forests.

The magnetic data on this map were compiled from information recorded along the flight lines shown. The anomalies expressed by the magnetic contours are dependent on the variable magnetic intensities of the underlying rocks, and may be due to conditions near, or at unknown depths below the surface. High magnetic anomalies normally indicate the presence of basic rocks, such as diabase, gabbro, or serpentine, which have a relatively high iron content, but in special instances may be due, or partly due, to concentrations of magnetic ore minerals. By means of the magnetic anomalies, various rock bodies or structural features, such as faults or folds, may be traced into, or across, areas of few or no outcrops. In many instances, however, no interpretation of particular anomalies may be possible without further geological information.

35

81°30'

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GEOPHYSICS PAPER 2270 LITTLE CURRENT ONTARIO

SHEET 41H