AEROMAGNETIC SERIES

PROVINCE OF ONTARIO

DEPARTMENT OF MINES

DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

1:50 000

2116G SHEET 52 A 10

Joins Map 2117G, "Wolf River" Mc TAVISH Joins Map 2115G, "Thunder Cape" PUBLISHED 1962

ISOMAGNETIC LINES (absolute total field)

Flight lines Flight altitude 1000 feet above ground level

LOON

MAP 2116 G

THUNDER BAY DISTRICT
ONTARIO

Scale 1:50 000 - Échelle 1/50 000
etres 1 0 1 2 3 4 Kilomèt

Universal Transverse Mercator Projection Projection transverse universelle de Mercator

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Airborne Magnetic Survey, April to October, 1962 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.

GEOPHYSICS PAPER 2116

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