2108 G

PROVINCE OF ONTARIO
DEPARTMENT OF MINES

DEPARTMENT OF MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

AEROMAGNETIC SERIES

SHEET 52 A/14

89°30' 25' 20' Joins Map 2109G, "Eaglehead Lake" 10' 05' 89°00'

49°00'

55'

50'

48°45'

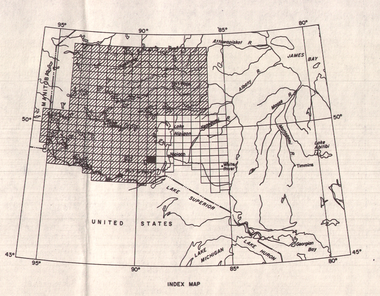
Joins Map 2098G, "Raith"

Joins Map 2117G, "Wolf River"

Joins Map 2107G, "Onion Lake"

DeCourcey Lake
Smiley Lake
Tease Lake
MacMillan Lake
Gutteridge Lake
Mott Lake
Edmondson Lake
McGaughey Lake
Makins Lake
MAGNETIC CONTROL LINE
Mc Whinney Lake
Pace Lake
Burbidge Lake
Macauley Lake
Hicks Lake
EAST BAY
McLeish Lake
Prain Lake

60,200 60,300 60,400 60,500 60,600 60,700



ISOMAGNETIC LINES (absolute total field)

500 gammas
100 gammas
20 gammas
10 gammas
Magnetic depression

Flight lines
Flight altitude 1000 feet above ground level

MAP 2108 G

EAST BAY

THUNDER BAY DISTRICT
ONTARIO

Scale 1:50 000 - Échelle 1/50 000

Kilometres 0 1 2 3 4 Kilomètres

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.

PUBLISHED 1962

GEOPHYSICS PAPER 2108
EAST BAY
ONTARIO
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