PROVINCE OF ONTARIO
DEPARTMENT OF MINES

DEPARTMENT OF MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

AEROMAGNETIC SERIES

SHEET 52 H/4

Joins Map 2100G, "Armistice Lake"

Joins Map 1104G, "Upsala"

Joins Map 2109G, "Eaglehead Lake"

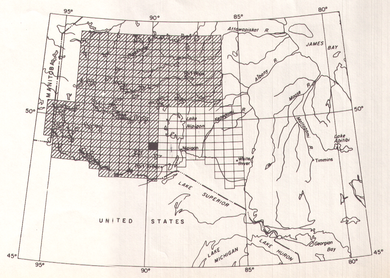
Joins Map 2098G, "Raith"

90°00' 55' 50' 40' 35' 89°30'

49°15' 10' 05' 49°00'

Gull Lake
Jack Creek
Cowan Lake
Trib Lake
Dog River
2 ND BASE LINE
LAC DES ILES
MERIDIAN
East Dog River
Buck Lake
MAGNETIC CONTROL LINE
Legris Lake
Yoho Creek
Yoho Lake
ROAD
Shelby Lake
Shelby Creek
Riviere des Iles
Senga Lake
Muskeg Brook
Muskeg Lake
Dog River
1ST BASE LINE
Trumper Creek
Block Creek

60,000 60,100 60,200 60,300 60,400 60,500 60,600 60,700 60,800 60,900 61,000 61,100 61,200 61,300 61,400 61,500 61,600 61,700 61,800 61,900 62,000 62,100 62,200 62,300 62,400 62,500 62,600 62,700 62,800 62,900 63,000 63,100 63,200 63,300 63,400 63,500 63,600 63,700 63,800 63,900 64,000 64,100 64,200 64,300 64,400 64,500



INDEX MAP

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 2099 G

LAC DES ILES

THUNDER BAY DISTRICT
ONTARIO

Scale 1:50 000

Kilometres 1 0 1 2 3 4 Kilometres

Universal Transverse Mercator Projection

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 2099

LAC DES ILES

ONTARIO

SHEET 52 H/4

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