GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

AEROMAGNETIC SERIES

SHEET 76 F/7

109°00' 55' 50' Joins Map 3040G, "76 F/10" 40' 35' 108°30'

65°30'

25'

20'

65°15'

Joins Map 3048G, "76 F/6"

Joins Map 3050G, "76 F/8"

Joins Map 3058G, "76 F/2"

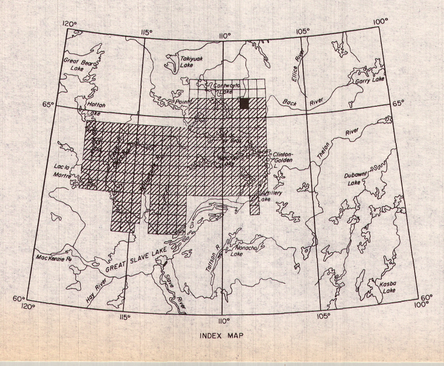
Mara River

Mara Lake

MAGNETIC CONTROL LINE

60,400 60,300 60,500 60,600 60,700 60,800 61,000 60,200 60,100 60,440 60,580

326 325 320 315 310 305 300 295



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

PUBLISHED 1964

MAP 3049G

SHEET 76 F/7

DISTRICT OF MACKENZIE
NORTHWEST TERRITORIES

Scale 1:50 000 - Échelle 1/50 000

Kilometres 1 0 1 2 3 4 Kilomètres

Universal Transverse Mercator Projection
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Projection transverse universelle de Mercator
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Air photographs covering this map-area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa, Ontario.

Airborne Magnetic Survey, June to September 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.

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 3049

NORTHWEST TERRITORIES

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