PROVINCE OF ONTARIO
DEPARTMENT OF MINES

DEPARTMENT OF MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

AEROMAGNETIC SERIES

SHEET 42 $\frac{E}{15}$

Joins Map 2152G, "Nakina"

Joins Map 2143G, "Treptow Lake"

Joins Map 2161G, "Castlebar Lake"

Joins Map 2150G, "Geraldton"

Greta Lake
Biscuit Lake
Isobel Lake
Burrows Lake
Manitounamaig Lake
Alfred Lake
False Creek
Papineau Lake
Hutchison Lake
Marie Lake
Houck Lake
Noel Lake
Octopus Lake
Heald Lake
Long Lake
Kenogamisis River
Burrows River
Kenogami River
Waboose Cr.
Bawk
Isis
Octopus
RAYNAR
COCHRANE DISTRICT
THUNDER BAY DISTRICT
GOULET
BICKLE
BAIN
FULFORD
Mc QUESTEN
HOUCK
OAKES
DALEY
LONGLAC
IR 58
Indian Reserve No. 77
MAGNETIC CONTROL LINE
CANADIAN NATIONAL RAILWAYS
ROAD
HIGHWAY 11
RYS

87°00' 55' 50' 40' 35' 86°30'
50°00' 55' 50' 49°45'

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 2151G

LONGLAC

THUNDER BAY and COCHRANE DISTRICTS
ONTARIO

Scale 1:50 000 - Échelle 1/50 000

Kilometres 1 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.

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