PROVINCE OF ONTARIO
DEPARTMENT OF MINES

DEPARTMENT OF MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

AEROMAGNETIC SERIES

SHEET 41 K/16

Joins Map 2202G, "Batchewana"

Joins Map 2187G, "Pancake Bay"

Joins Map 2214G, "Ranger Lake"

Joins Map 2200G, "Sault Ste. Marie"

84° 30' 25' 20' 10' 05' 84° 00'

47° 00'

55'

50'

46° 45'

R12 R11 R10

TP27 TP26 TP25 TP24

PALMER FISHER TILLEY ARCHIBALD MARNE TUPPER SHIELDS GAUDETTE HAVILLAND KARS LEY FENWICK VANKOUGHNET SEARCHMONT HODGINS DEROCHE

LAKE SUPERIOR

Batchawana Island

Batchawana Bay

Goulais Bay

Lake Superior

Tilley Lakes

Tilley Creek

Murphy Creek

Chippewa River

Ogidaki Lake

Harmony Creek

Achigan Lake

Lechman Lake

Haines Lake

Icewater Creek

Hawk Lake

Prugh Lake

Wolfe Lake

Achigan Creek

Jones Creek

Tupper L.

Belleau Lake

Evans Lake

Walker Lake

Picard Lake

Sheppard Lake

Bone Lake

Robertson Lake

Sill Lake

Mine Lake

Wabos Creek

Havilland Bay

Havilland Cr.

Havilland Lake

Stokely Creek

Probyn Creek

Karalash Corners

Robertson Cr.

Goulais River

Perry Cr.

Dam

O'Connor Cr.

C.P.R. Ry.

C.N.R. Ry.

C.P.H. & P. Ry.

POWER LINE

MAGNETIC CONTROL LINE

HIGHWAY 17

HWY 556

59,600 59,700 59,800 59,900 60,000 60,100 60,200 60,300 60,400 60,500 60,600 60,700 60,800 60,900 59,660 59,720 59,760 59,880 59,960 60,020 60,240

PUBLISHED 1963

MAP 2201 G

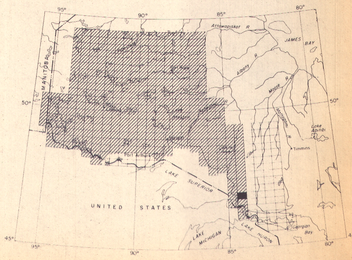
SEARCHMONT

ALGOMA DISTRICT

ONTARIO

Scale 1:50 000 - Échelle 1/50 000

Kilometres 1 0 1 2 3 4 Kilometres



ISOMAGNETIC LINES (absolute total field)

500 gammas
100 gammas
20 gammas
10 gammas
Magnetic depression

Flight lines
Flight altitude 1000 feet above ground level

Airborne Magnetic Survey, October 1962 to May 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 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 2201

SEARCHMONT

ONTARIO

SHEET 41 K/16