PROVINCE OF ONTARIO
DEPARTMENT OF MINES

DEPARTMENT OF MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

AEROMAGNETIC SERIES

SHEET 52 B/10

Joins Map 1113 G, "Bedivere Lake"

Joins Map 1122 G, "Pickerel Lake"

Joins Map 1123 G, "Sandbar Lakes"

Joins Map 1111 G, "Titmarsh Lake"

91°00' 55' 50' 40' 35' 90°30'

48°45' 40' 35' 48°30'

Baril Lake
Owakonze
Quetico
Brûlé Lake
Windigoostigwan Lake
CANADIAN NATIONAL RAILWAY
POWER LINE
HURONIAN
Rolling Lake
Fork Lake
Rudge Lake
Keego
Crayfish Lake
Planet
HIGHWAY 120
MAGNETIC CONTROL LINE
POWER LINE
Stetham Lake
AMES
Tilly Lake
RAINY RIVER DISTRICT
THUNDER BAY DISTRICT
Upper Shebandowan Lake
Burchell Lake
Squeers Creek
Watershed Lake
Squeers Lake
Waverly Creek
Fountain Lake
Moss Lake
Obadinow River
MOSS
MINE

60,300 60,240 60,260 60,220 60,400 60,320 60,280 60,340 60,180 60,200 60,600 60,500 60,230 60,440 60,360 60,700 60,680 60,800 60,900 60,540 60,660 61,000 60,980 61,200 60,120

MAP 1112G

HURONIAN

RAINY RIVER and THUNDER BAY DISTRICTS
ONTARIO

ISOMAGNETIC LINES (absolute total field)

1000 gammas
500 gammas
100 gammas
20 gammas
10 gammas
Magnetic depression

Flight lines
Flight altitude 1000 feet above ground level

Scale 1:50 000 - Échelle 1/50 000

Kilometres 1 0 1 2 3 4 Kilomètres

Universal Transverse Mercator Projection
© Crown copyrights reserved

Projection transverse universelle de Mercator
© Droits de la Couronne réservés

Airborne Magnetic Survey, May to October, 1961, by Spartan Air Services Ltd.

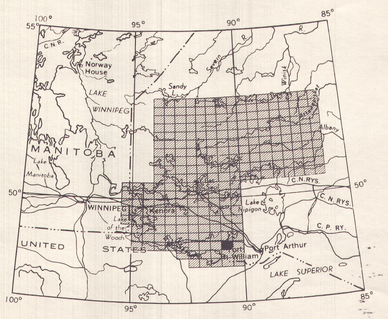
No correction has been made for regional variation.

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 1112

HURONIAN
ONTARIO
SHEET 52 B/10



INDEX MAP

PUBLISHED, 1961