PROVINCE OF ONTARIO
DEPARTMENT OF MINES

DEPARTMENT OF MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

AEROMAGNETIC SERIES

SHEET 52 E/9

94° 30' 25' 20' 10' 05' 94° 00'

49° 45'

40'

35'

49° 30'

Joins Map 1179G, "Kenora"

Joins Map 1186G, "Clearwater Bay"

Joins Map 1176G, "Dryberry Lake"

Joins Map 1177G, "Sioux Narrows"

JAFFRAY

HAYCOCK

DESMOND

McMEEKIN

WORK

DEVONSHIRE

Kenora I R No. 38B

IR No. 32B

HIGHWAY 17

HIGHWAY 70

LONGBOW LAKE

Dogtooth Lake

Kilvert Lake

Blindfold Lake

MAGNETIC CONTROL LINE

Bigstone Bay

Hay Island

Andrew Bay

Eastern Peninsula

Lac La Belle

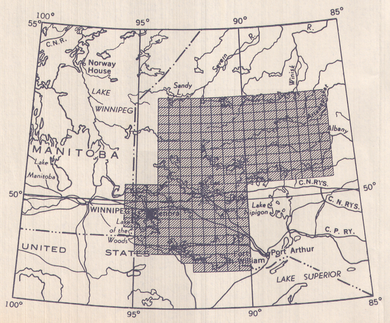
ROAD

Andy Lake

Gibi Lake

Loon Lake

Lake of the Woods



INDEX MAP

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

MAP 1178G

LONGBOW LAKE

KENORA DISTRICT
ONTARIO

Scale 1:50 000 - Échelle 1/50 000

Kilometres 0 1 2 3 4 Kilomètres

Universal Transverse Mercator Projection
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Projection transverse universelle de Mercator
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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.

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LONGBOW LAKE

ONTARIO

SHEET 52 E/9