PROVINCE DEPARTMENT PROVINCE OF MANITOBA MINES AND TECHNICAL SURVEYS ONTARIO DEPARTMENT OF MINES AND NATURAL RESOURCES GEOLOGICAL SURVEY OF CANADA AEROMAGNETIC SERIES DEPARTMENT OF MINES SHEET 53 K 93°00' 55 50' Joins Map 3677G, 53 K/15 40' 35 92°30' KISTIGAN LAKE

96°
88°
HUDSON
Foctory
BAY
56°

Bay

Lake
Nipigon 2

93°00'

ISOMAGNETIC LINES (total field)

500 gammas.

100 gammas.

20 gammas.

10 gammas.

Magnetic depression.

Flight lines.

Flight altitude 1000 feet above ground level

50'

55'

KISTIGAN LAKE

MAP 3676G

Joins Map 3675G, Stull Lake

KENORA and WINNIPEG MINING DISTRICTS
ONTARIO-MANITOBA

Scale: One Inch to One Mile = $\frac{1}{63,360}$ Miles

1/2 0 1 2

Airborne Magnetic Survey, February 1965 to January 1966 by Lockwood Survey Corporation Ltd.

The planimetry for this map was obtained from topographical map sheets published by the Department of Mines and Technical Surveys.

No correction has been made for regional variation.

40'

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 serpentinite, which have a relatively high iron content, but in special instances may be due, or partly due, to concentrations of magnetic 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.

92°30'

PUBLISHED 1966

35'

GEOPHYSICS PAPER 3676

KISTIGAN LAKE

ONTARIO-MANITOBA

SHEET 53 K/10