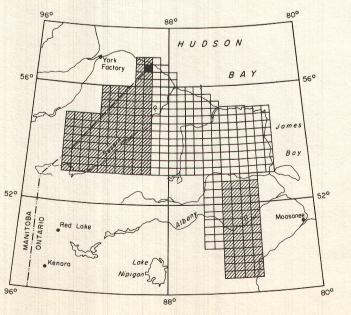
DEPARTMENT PROVINCE OF MANITOBA ENERGY, MINES AND RESOURCES ONTARIO DEPARTMENT OF MINES AND NATURAL RESOURCES GEOLOGICAL SURVEY OF CANADA DEPARTMENT OF MINES AEROMAGNETIC SERIES SHEET 54 A 25' 89°30' 20' 05 Joins Map 3765G, Milk Creek 89°00' 35 25' 20' 89°30' 10' Joins Map 3763G, 54 A/6 05 89°00' PUBLISHED 1968 MAP 3764G



ISOMAGNETIC LINES 500 gammas.... 100 gammas.... 20 gammas..... 10 gammas.... Flight lines..... Flight altitude 1000 feet above ground level

PROVINCE

KENORA and WINNIPEG MINING DISTRICTS ONTARIO-MANITOBA

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

Airborne Magnetic Survey, August 1965 to September 1966 by Lockwood Survey Corporation Ltd.

The planimetry for this map was obtained from topographical map sheets published by the Department of Energy, Mines and Resources, Ottawa. No correction has been made for regional variation.

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.

GEOPHYSICS PAPER 3764

ONTARIO-MANITOBA SHEET 54 A