



ISOMAGNETIC LINES (total field)

500 gammas

100 gammas

20 gammas

10 gammas

Magnetic depression

Flight lines

Flight altitude 1000 feet above ground level

MAP 3989G

43 ^G/₁

DISTRICT OF KENORA
ONTARIO

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

Copies of this photo map may be obtained from the National Air Photo Library.

Airborne Magnetic Survey, July 1968 to August 1968 by Lockwood Survey Corporation Ltd.

The photo base for this map was compiled by Lockwood Survey Corporation Limited

No correction has been made for regional variation. Off-shore islands lie within the District of Keewatin, N.W.T.

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.

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SHEET 43 ^G/₁

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