



ISOMAGNETIC LINES (total field)
500 gammas
100 gammas
20 gammas
10 gammas
Magnetic depression
Flight line
Flight altitude: 1000 feet above ground level

KINSMAN LAKE MANITOBA

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

1 0 2 3

Air photographs covering this map-area may be obtained
through the National Air Photographic Library, Topographical
Surveys, Ottawa, Ontario.

Airborne Magnetic Survey, June to September,
1956, by Geophysics Division Geological Survey of
Canada, Department of Mines and Technical Surveys.

No correction has been made for regional variation.

The planimetry for these maps has been traced
from maps based on trimetrogon photography with
limited ground control. Lack of planimetric control
may have led to large position errors in places.

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 by the geologist 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.