






ISOMAGNETIC LINES (absolute total field)


500 gammas  500

100 gammas  100

20 gammas  20

10 gammas  10

Magnetic depression  5

Flight lines  5

Flight altitude 1000 feet above ground level

MAP 8370G

47 1/2

DISTRICT OF FRANKLIN
NORTHWEST TERRITORIES

SCALE 1:50,000

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

COPIES OF THIS MAP MAY BE OBTAINED FROM THE DIRECTOR-GENERAL
GEOLOGICAL SURVEY OF CANADA, OTTAWA.

Airborne magnetic survey, June, July and August 1973 to 1976
by Geotrex Ltd., Survail Ltd., Northway Survey Corporation Ltd.

No correction has been made for regional variation.

The topography for this map was reproduced from
1:250,000 topographical map sheets published by the
Department of Energy, Mines and Resources, Ottawa.

Where the survey aircraft traversed large areas of
water and ice, Doppler navigation was utilized to
direct the course of the aircraft and the Doppler output
was recorded on an incremental X, Y recorder for
completion purposes.

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 out-
crops. In many instances, however, no interpretation of particular anomalies
may be possible without further geological information.

MAP 8370G
NORTHWEST TERRITORIES
SHEET 47 1/2