



ISOMAGNETIC LINES (absolute total field)

500 gammas

100 gammas

20 gammas

10 gammas

Magnetic depression

Flight lines

Flight altitude 1000 feet above ground level

MAP 8275G

47 $\frac{D}{3}$

DISTRICT OF FRANKLIN
NORTHWEST TERRITORIES

SCALE = 1:50,000

MILE 0 1 2 3 4
KILOMETERS 0 1 2 3 4

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
compilation 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 anom-
alies may be possible without further geological information.

MAP 8275G
NORTHWEST TERRITORIES
SHEET 47 $\frac{D}{3}$

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