



ISOMAGNETIC LINES (absolute total field)

500 gammas . . . . .

100 gammas . . . . .

20 gammas . . . . .

10 gammas . . . . .

Magnetic depression . . . . .

Flight lines . . . . .

Flight altitude 300 metres above ground level

1 gamma = 10<sup>-9</sup> tesla in SI units

MAP 8226G

86 <sup>L</sup>/<sub>6</sub>

DISTRICT OF MACKENZIE  
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, May 1976 to August 1977  
by Geotrex Ltd., and 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 low or no out  
crops. In many instances, however, no interpretation of particular ano  
malies may be possible without further geological information.

MAP 8226G  
NORTHWEST TERRITORIES  
SHEET 86 <sup>L</sup>/<sub>6</sub>