

MAP 8217G

86-7

DISTRICT OF MACKENZIE  
NORTHWEST TERRITORIES

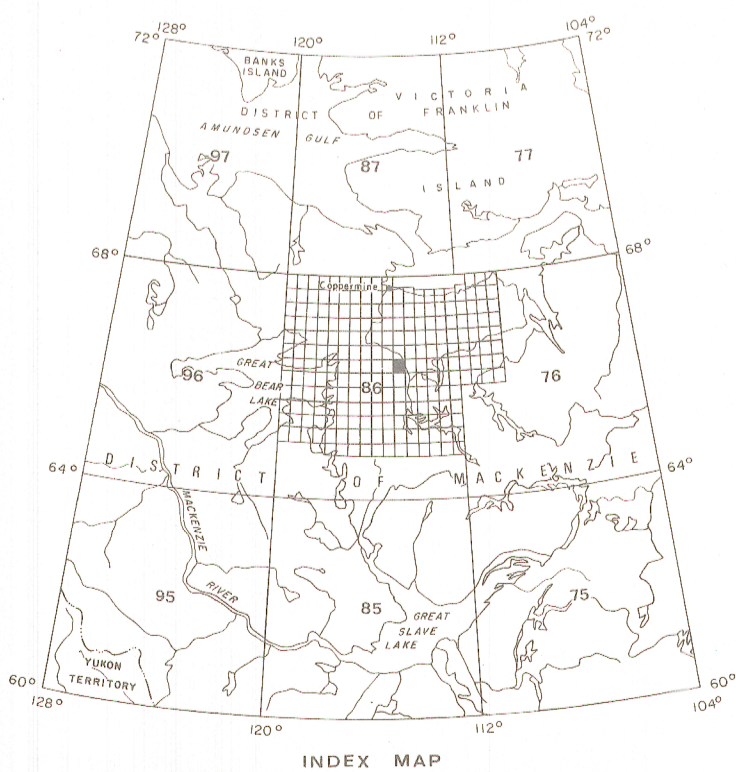
SCALE 1:50,000



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.

PUBLISHED 1980



INDEX MAP

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

Airborne magnetic survey, June 1976 to August 1977  
by Geotrex 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.

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 ano  
malies may be possible without further geological information.

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SHEET 86-7