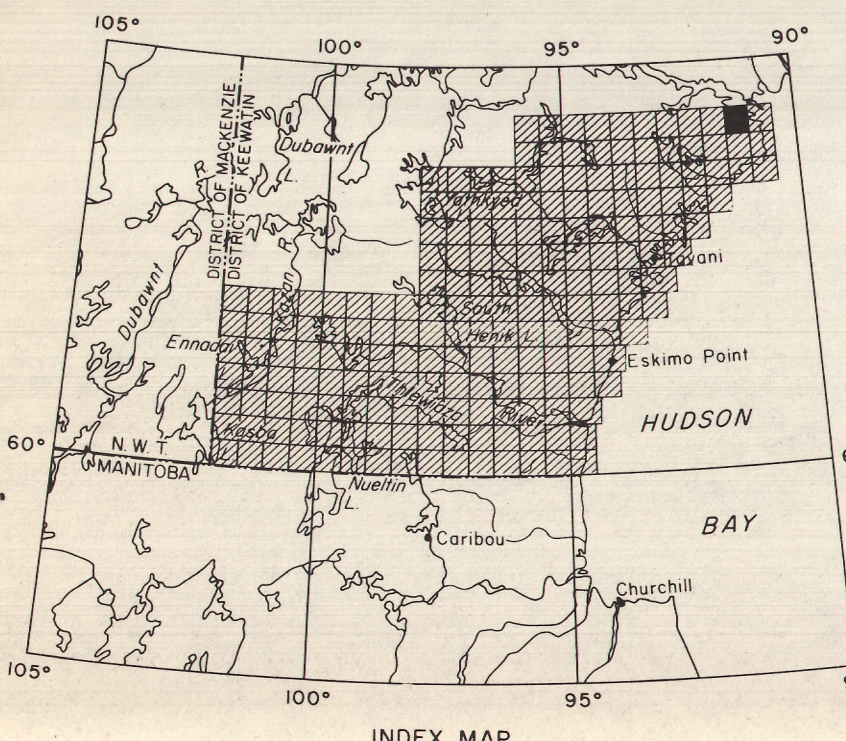


Joins Map 3547G, "55 <sup>0</sup>/<sub>3</sub>"

Joins Map 3549G, "Chesterfield Inlet"

Joins Map 3537G, "55 <sup>0</sup>/<sub>3</sub>"

PUBLISHED 1966

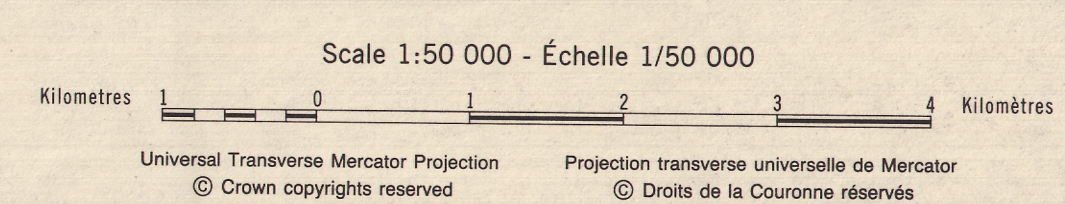


- ISOMAGNETIC LINES (absolute total field)
- 500 gammas .....
  - 100 gammas .....
  - 20 gammas .....
  - 10 gammas .....
  - Magnetic depression .....
  - Flight lines .....
  - Flight altitude 1000 feet above ground level

MAP 3548G

## BIG WILLOW BAY

DISTRICT OF KEEWATIN  
NORTHWEST TERRITORIES



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

Airborne Magnetic Survey, Aug 1964 to Aug 1965  
by Spartan Air Services Ltd.

No correction has been made for regional variation.

The planimetry for this map was obtained from  
topographical map sheets published by the  
Department of Mines and Technical Surveys

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