

Joins Map 8426G, "Grimshy"

Joins Map 8416G, "Welland"

MAP 8421G

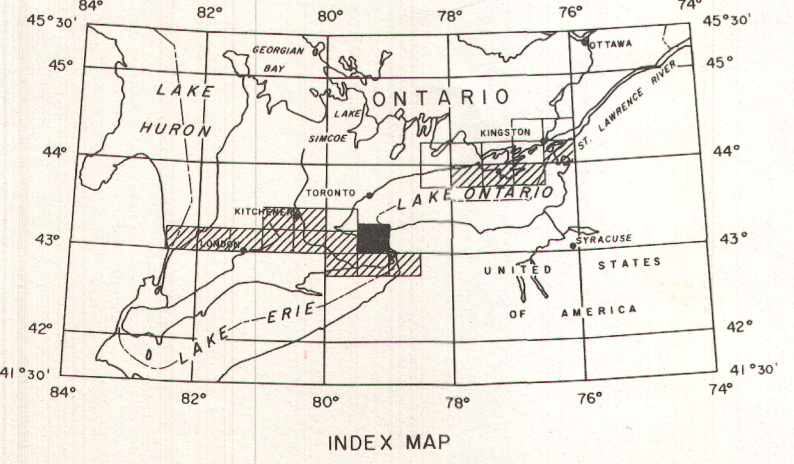
# NIAGARA

## ONTARIO

Scale: One inch to One Mile =  $\frac{1}{63,360}$

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, GEOLOGICAL SURVEY OF CANADA, OTTAWA.



### ISOMAGNETIC LINES (absolute total field)

- 500 gammas .....
- 100 gammas .....
- 20 gammas .....
- 10 gammas .....
- Magnetic depression .....
- Flight lines .....
- Flight altitude 1000 feet above ground level

Airborne Magnetic Survey, Dec. 1969 to March 1970 by Spartan Air Services Ltd.

No correction has been made for regional variation.

The topography for this map was reproduced from 1:50,000 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 low or no outcrops. In many instances, however, no interpretation of particular anomalies may be possible without further geological information.

GEOPHYSICS PAPER B421  
**NIAGARA**  
ONTARIO  
SHEET 30 <sup>M</sup>/<sub>3</sub>