

Joins Map 2272 G, "St Joseph Island"

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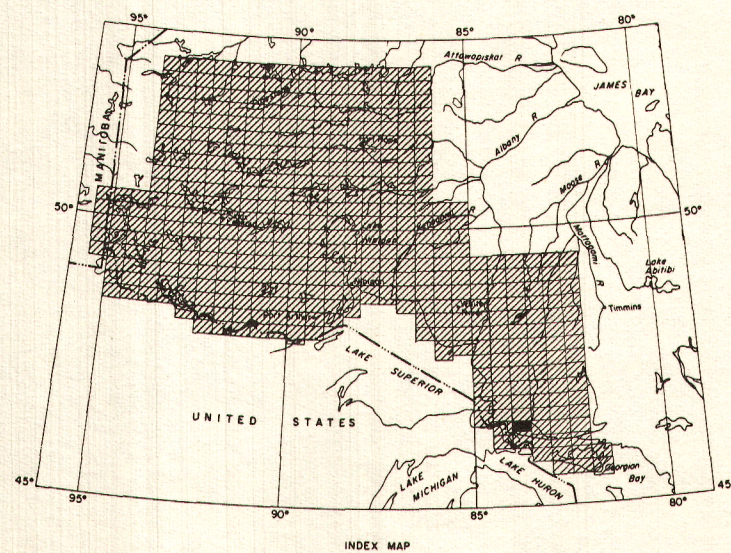
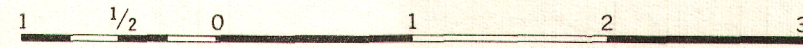
PUBLISHED, 1964

MAP 3239G

# BRUCE MINES

ALGOMA DISTRICT  
ONTARIO

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



ISOMAGNETIC LINES (total field)

- 500 gammas .....
- 100 gammas .....
- 20 gammas .....
- 10 gammas .....
- Magnetic depression .....

- Flight lines .....
- Flight altitude 500 feet above ground level .....

Airborne Magnetic Survey, 1954 to 1956, by Aeromagnetic Surveys Ltd. for Ontario Department of Mines. Data reduced from one inch equals one-quarter mile to one inch equals one mile by Geological Survey of Canada, September 1963.

No correction has been made for regional variation.

The planimetry for this map was obtained from map sheets published by the Ontario Department of Lands and Forests.

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 3239

BRUCE MINES

ONTARIO

SHEET 41 <sup>J</sup>/<sub>5</sub>