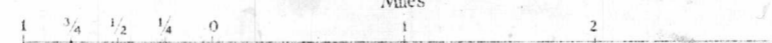




MAP 146 G

GOODERHAM
 PETERBOROUGH, HALIBURTON AND HASTINGS COUNTIES
 ONTARIO

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



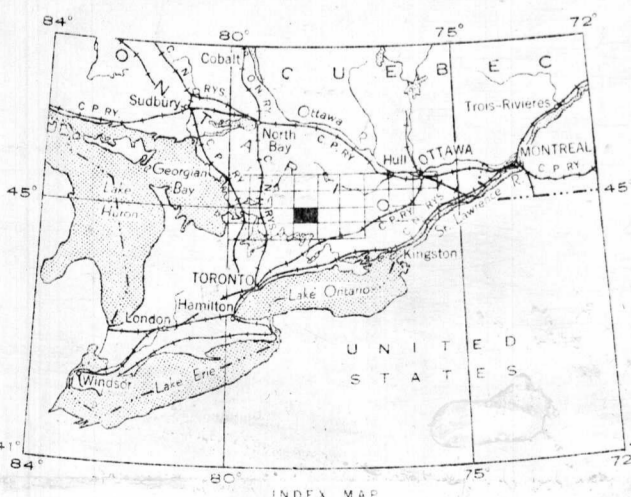
For photographs covering this map area, see plates
 through the National Air Photographic Library, Geological
 Survey, Ottawa, Ontario.

- Isomagnetic lines (total field)
- 500 gammas
- 100 gammas
- 20 gammas
- 10 gammas
- Magnetic depression contour
- Flight line
- Flight altitude: 1000 feet above ground level

Magnetic Survey, 1942, by Geophysics Section,
 Geological Survey of Canada, Department of Mines
 and Technical Surveys.

No correction has been made for regional variation;
 this increases at the rate of 3.5 gammas per mile from
 east to west and 3.0 gammas per mile from south
 to north.

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 serpentine, which have a relatively high iron content but in special
 instances may be due, or partly due, to concentrations of magnetic iron minerals.
 By means of the magnetic anomalies, various rock bodies or structural features,
 such as faults or folds, may be traced by the geologist into air photos, areas
 of few or no photos. In many instances, however, no present interpretation
 of particular anomalies may be possible.



24.04