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Magnetic Declination, 12°56' W., at Antrim, 1938.
Polyconic Projection.
Elevations in feet above Mean Sea Level.
Surveyed in 1927 by the Geographical Section, G.S., with aid of
aerial photos by the Royal Canadian Air Force.

Magnetic survey, August 1947, by Geophysics Section, Geological Survey
of Canada; Mines, Forests and Scientific Services Branch, Department of
Mines and Resources, in collaboration with the Royal Canadian Air Force.
Flights made through the courtesy of the Flight Research Section, National
Research Council, Antrim, Ontario.

Provincial Boundary	— — — — —
County	— — — — —
Township	— — — — —
Roadway	Single Track Double Railway on road
Outing	— — — — —
Embarkment	— — — — —
Road	Improved Other Wagon or Unimproved Road
Path	— — — — —
Canal and Levee	— — — — —
Masonry	— — — — —
Bridge	Wood Steel or Iron
Swing Bridge (Steel or Wood)	— — — — —
Dam (Wood or Masonry)	— — — — —
Wagon Ford	— — — — —
Ferry	— — — — —
Old	— — — — —
Quarry	— — — — —
Sand or Gravel Pit	— — — — —

Scale 1:50 000 - Echelle 1/50 000
Kilometres ————— Kilometres
Universal Transverse Mercator Projection
Projection transverse universelle de Mercator
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Contour interval 25 Feet

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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 absolute magnetic intensity at the base station (latitude, 45° 25'; longitude, 76° 22') on August 26-27, 1947, was 58,362 gammas; for convenience in the present magnetic compilation, the magnetic datum has been taken at this station as 1,200 gammas.

Railway Station	—
Post Office	—
Church	Without spire or tower With Centre of cross is centre of spire
Mill	Saw mill Grist or Flour mill Other mill or factory, Cheese factory
School	—
Blacksmith shop, Garage	—
Hotel or tavern	—
Barber, Bar	—
Telegraph or Telephone Line	Office Telephone Exchange Lighthouse Cemetery Transit Station Altimeter Benchmark Marsh Woods (in Deciduous) (in Coniferous) Contour (Elevation) (Depression) Submarine (in Pathways) Electric Power Lines on Steel Towers Wood Poles

ONTARIO - QUEBEC 76°00'-45°15'
Highway Routes.....17 etc.

The magnetic data superimposed on this topographic 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 ore 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, or across, areas of few or no outcrops. In many instances, however, no present interpretation of particular anomalies may be possible.

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