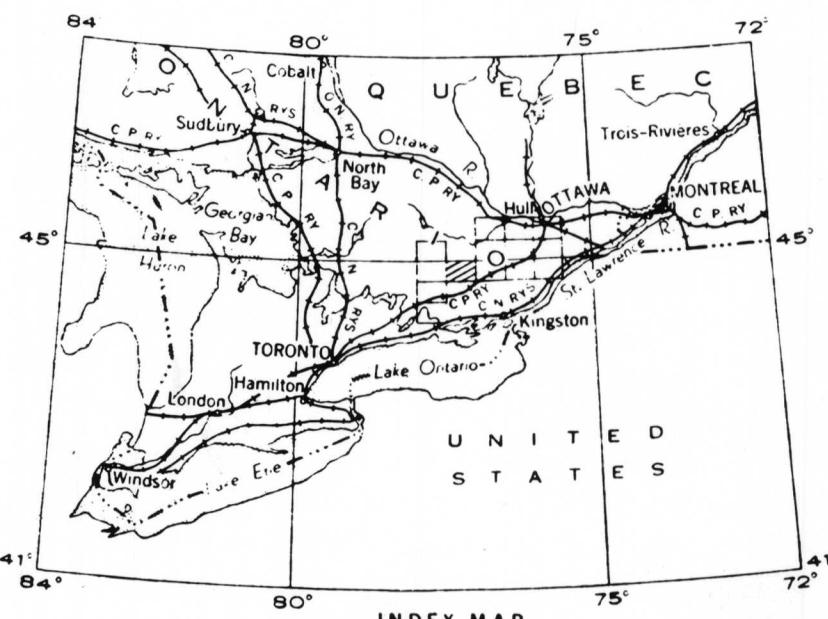


MAP 97G

MAZINAW LAKE
HASTINGS, FRONTENAC, LENNOX AND ADDINGTON COUNTIES
ONTARIO



Isomagnetic lines (total field)
 500 gammas
 100 gammas
 20 gammas
 10 gammas
 Magnetic depression contour
 Flight line
 Flight altitude: 1,000 feet above ground level

Scale 1:50 000 - Échelle 1/50 000
 Kilometres 1 0 2 3 4 Kilomètres
 Universal Transverse Mercator Projection
 © Crown copyrights reserved
 Projection transverse universelle de Mercator
 © Droits de la Couronne réservés

Magnetic Survey, 1949, 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 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.