



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

MAP 66G
CALIFORNIA LAKE
 NORTHUMBERLAND, GLOUCESTER AND RESTIGOUCHE COUNTIES
 NEW BRUNSWICK

Scale 1:50 000
 Kilometres 1 2 3 4 Kilometres
 Universal Transverse Mercator Projection
 © Crown Copyrights reserved

Magnetic Survey, January and March 1950, 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 3.0 gammas per mile from
 east to west and 2.5 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.