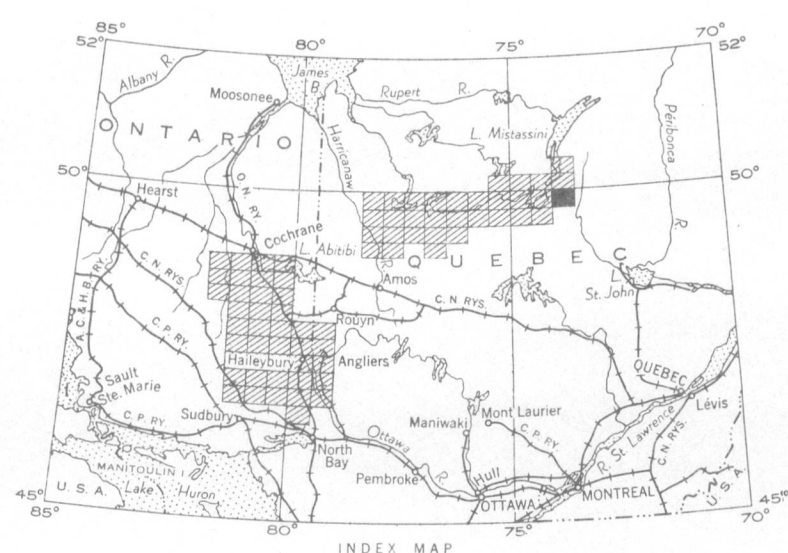




PUBLISHED, 1957



ISOMAGNETIC LINES (total field)
500 gammas
100 gammas
Magnetic depression
Flight altitude 500 feet above ground level
Flight line spacing (lines are not indicated)
¼ mile (north, south)
Township boundary

MAP 544G
ADVANCE EDITION
RIVIÈRE DE L'ÉPERVIER
LAC ST. JEAN WEST AND ABITIBI COUNTIES
QUEBEC

Scale: One Inch to One Mile = $\frac{1}{63,360}$
Miles
1 0 1 2 3

Air photographs covering this map-area may be obtained
through the National Air Photographic Library, Topographical
Surveys, Ottawa, Ontario.

The Department of Mines and Technical Surveys
is indebted to the Dominion Gulf Company, Toronto,
Ontario, for permission to publish these data which
were compiled by that company from information
recorded during the course of their surveys in 1947,
1948, and 1949.

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scanned version of the original map.
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The magnetic data on this map were compiled from information recorded
along the flight lines which were spaced as indicated in the legend. The
anomalies expressed by the magnetic contours are dependent on the varia-
ble 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 interpretation
of particular anomalies may be possible without further geological information.