CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

AEROMAGNETIC SERIES

SHEET 31 M/14

PONTLEROY

MONTREUIL

L. Laberge

Davis Lake

LAKE

OPASATIKA

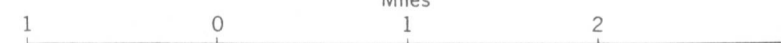Joins Map 513 G, "Englehart"

Joins Map 513 G, "Angliers"

MAP 516G

ADVANCE EDITION

# LAC BARRIERE

## TÉMISCAMINGUE COUNTY

### QUEBEC

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

Miles

ISOMAGNETIC LINES (total field)

500 gammas ...........
100 gammas ...........
Magnetic depression ...........

Flight altitude 500 feet above ground level

Flight line spacing (lines are not indicated)

3 mile (north, south)

Township boundary ...........

INDEX MAP

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.

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