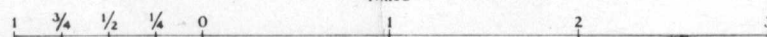


PUBLISHED, 1952

MAP 54G

FORT RESOLUTION
DISTRICT OF MACKENZIE
NORTHWEST TERRITORIES

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

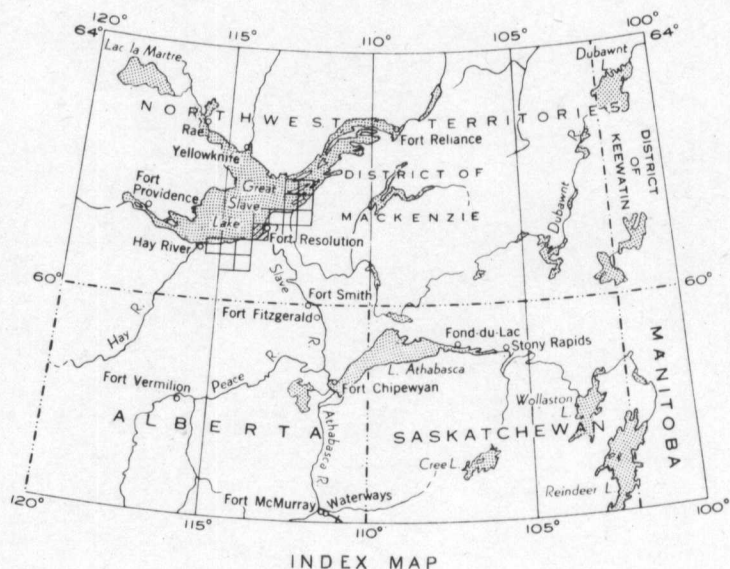


Isomagnetic lines (total field)
500 gammas
100 gammas
20 gammas
10 gammas
Magnetic depression contour
Flight line
Flight altitude: 1,000 feet above ground level

Magnetic Survey, August, 1950, by Geophysics
Division, Geological Survey of Canada, Department
of Mines and Technical Surveys.

No correction has been made for regional
variation; this increases at the rate of 2.5 gammas
from west to east and 4 gammas per mile from north
to south.

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 variations in the magnetic
intensities of the basement rocks as recorded at the flight altitude.
These variations are, for the most part, due to changes in the com-
position of the rocks making up the basement, but in some instances
may be due to changes in altitude of the basement. Strong anomalies
are probably due to an increased magnetite content in the rocks, but
small anomalies may be due to either of the above causes.



INDEX MAP