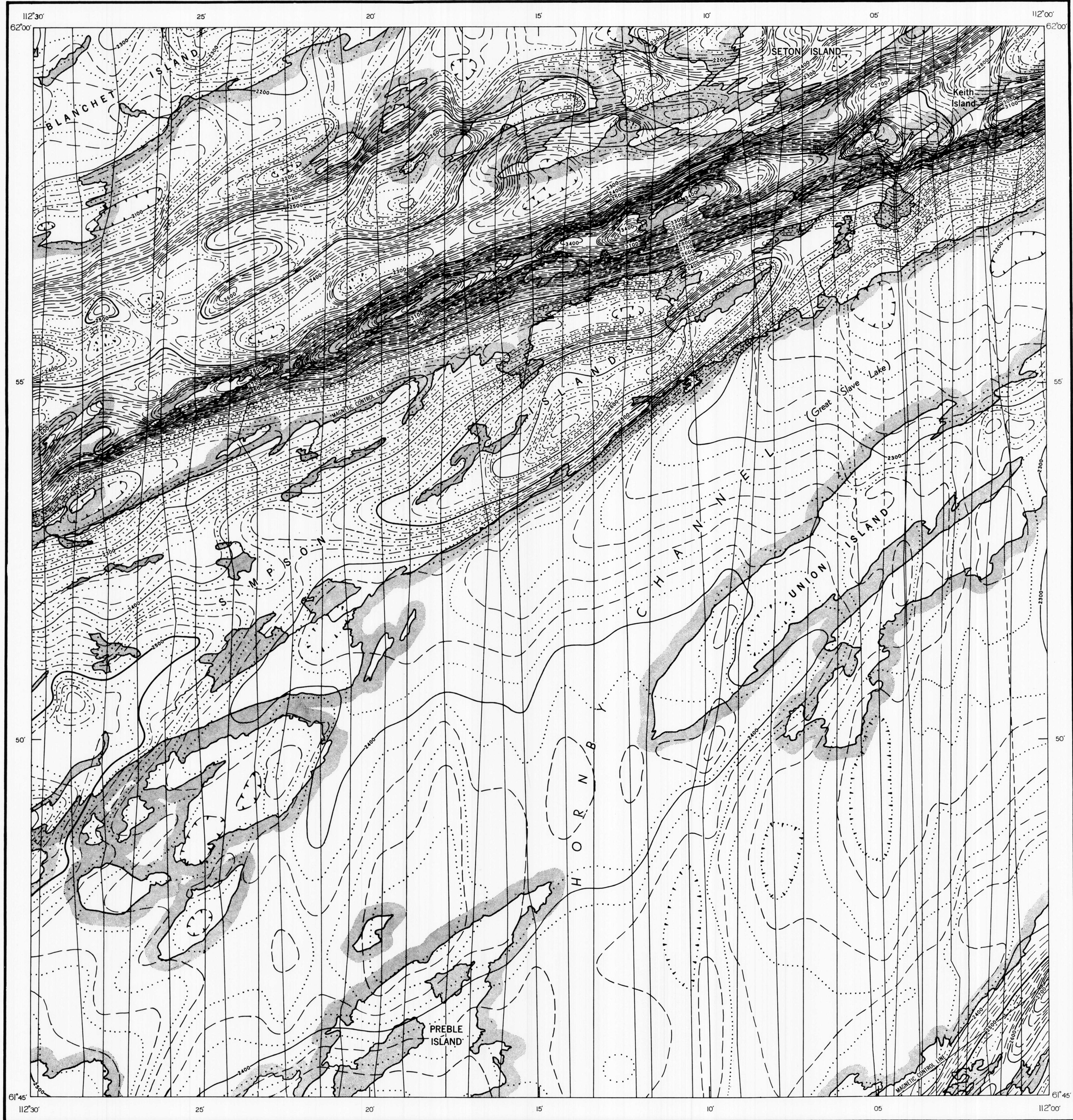
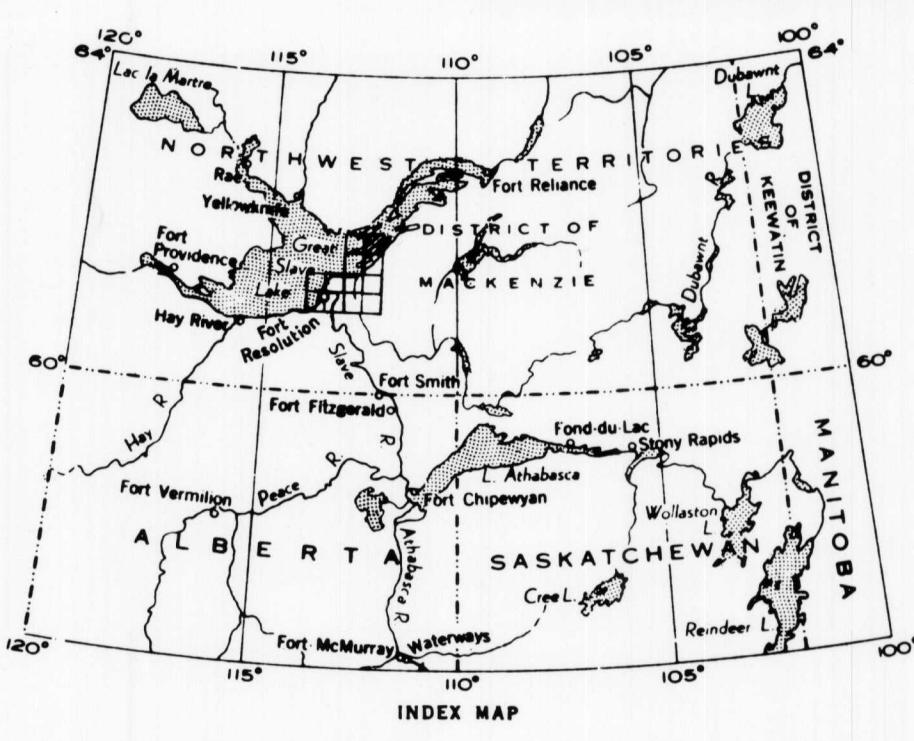


AEROMAGNETIC SERIES



PUBLISHED, 1951



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

MAP 52G
HORNBY CHANNEL
DISTRICT OF MACKENZIE
NORTHWEST TERRITORIES

Scale 1:50 000 - Échelle 1/50 000
 Kilometres 1 2 3 4 Kilometres
 Universal Transverse Mercator Projection
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 Projection transverse universelle de Mercator
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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 composition 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.