



ISOMAGNETIC LINES (absolute total field)

500 gammas

100 gammas

20 gammas

10 gammas

Magnetic depression

Flight lines

Flight altitude 300 metres above ground level

1 gamma = 10⁻⁵ tesla in SI units

MAP 6146 G

23 1/6

NEWFOUNDLAND

SCALE 1:50,000

1 MILE 0.5 0 1 2 3 4 KILOMETRES

COPIES OF THIS MAP MAY BE OBTAINED FROM THE DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA.

This map has been reprinted from a scanned version of the original map. Reproduction par numérisation d'une carte sur papier.

This map was compiled from digitally-recorded aeromagnetic survey data obtained by a fluxgate magnetometer which measured the total field with a resolution of 1 gamma. The flight path of the survey aircraft was recovered from 35mm track film onto aerial photographs, transferred to a topographic map, reproduced on stable material, and digitized. After editing the survey data, the coordinates of the intersections of traverses and control lines and differences in their magnetic values were printed out for use in the manual leveling analysis. The total field values were generated on a 2.5 mm square grid at the published map scale, and the final aeromagnetic maps were contoured using the computer and digital plotting facilities of DATAPLOTTING SERVICES LTD., TORONTO. The data used in compiling this map are available in analog and digital form from the DEPARTMENT OF ENERGY, MINES AND RESOURCES, for the cost of retrieval and copying. Airborne magnetic survey, July and August 1980, by GEOTERREX LTD., and QUESTOR SURVEYS LTD. No correction has been made for regional variation.

MAP 6146 G
NEWFOUNDLAND
23 1/6