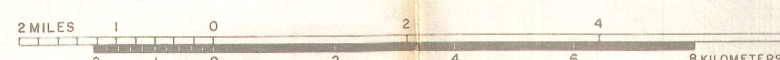


MAP
30,007G
11F NE
NOVA SCOTIA

Scale 1:125,000



- ISOMAGNETIC LINES (absolute total field)
- 250 gammas
 - 50 gammas
 - 10 gammas
 - Magnetic depression

NOTE: This map is drawn by computer from the high resolution aeromagnetic data within the survey area indicated on the index. It allows an overall view of the magnetic trends and can be used as a guide to the more detailed 1:25,000 scale maps shown by the index.

PUBLICATION 1977

This map is based on digitally-recorded high-sensitivity aeromagnetic data obtained with a Sander NPM-5 proton precession magnetometer which measured the total magnetic field to a resolution of 0.5 gamma. Flight altitude was 375 m ASL at 400 m average flight line spacing and control lines were flown at an average spacing of 10 km. The data was edited, compiled, leveled and gamma values for contouring interpolated on a square grid (1.0 mm grid spacing at the published map scale) by automatic computer processes. Magnetic data was corrected for changes in the earth's magnetic field with time using a ground station at Sydney airport. Control lines were used to eliminate residual errors through analyzing and correcting differences at intersections between traverses and control lines. No correction has been made for regional variations of the earth's magnetic field. Airborne surveying, digital compilation, automatic contouring and plotting was carried out by Sander Geophysics Limited. Flying took place in October and November 1976. Compilation was done on enlargements of base maps published by the Department of Energy, Mines and Resources. Copies of this map may be obtained from the Nova Scotia Department of Mines, Halifax, or from the Geological Survey of Canada, Ottawa. The data represented by these maps is available in digital form from the Geological Survey of Canada at the cost of retrieval and copying.

MAP 30,007G
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