LAKE ERIE

The aeromagnetic information on this map was compiled from digitally recorded high-sensitivity aeromagnetic data obtained using an inboard cesium magnetometer which measured the total field with a resolution of 0.005 gammas. Flight altitude was 150 m above ground at 1860 m average line spacing, the survey lines were flown in an east west direction. Control lines were flown at an average spacing of 20 kilometres. Loran C was used to navigate the aircraft and recover the flight path.

The data was edited, compiled, levelled and gamma values interpolated on a square grid by computer processes.

No correction has been made for the regional gradient of the earth's magnetic field.

Airborne survey and digital compilation was carried out by the Geophysics Division, Geological Survey of Canada. The survey operations took place between September 1984 and August 1985.

Digital magnetic tapes containing the edited recorded data and gridded aeromagnetic data are available from the Geological Survey of Canada, Room 562, 601 Booth Street, Ottawa, Ontario, K1A 0E8 at the user's expense on a cost recovery basis.

Copies of this map may be obtained from Campbell Reproductions, 880 Wellington Street, Ottawa, K1R 6K7.

ISOMAGNETIC LINES (absolute total field)

500 gammas .....

100 gammas.....

20 gammas.....

10 gammas.....

(1 gamma = 1 nanotesla in SI units)

Magnetic depression.....

GEOLOGICAL SURVEY OF CANADA COMMISSION GÉOLOGIQUE DU CANADA

DEPARTMENT OF ENERGY, MINES AND RESOURCES
MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES

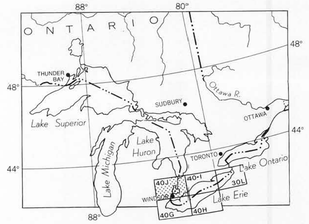
40J
LAKE ERIE
ONTARIO
TOTAL MAGNETIC FIELD

Scale 1:250 000 - Échelle 1/250 000

Kilometres 5 0 5 10 15 20 Kilometres

Universal Transverse Mercator Projection

Projection transverse universelle de Mercator



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