

Canadä

INDEX MAP

Ottawa, Ontario, K1A 0E8

Canada.

FLIN FLON MANITOBA

Scale 1:50 000 Miles 1 Metres 1000 U 2000 Yards 1000 0 2000 3000 4000 Yards

Funds for this survey were provided jointly by the Manitoba Department of Energy and Mines and the Geological Survey of Canada, under the Federal-Provincial Northlands Agreement.

The data was edited, compiled, levelled and gamma values interpolated on a square grid (0.25 cm grid spacing at the published map scale) by computer

The levelling process employed the two components of the double control line and the short segments of traverse which connected them where they were not exactly coincident. This data was used to minimize and distribute non-geological contributions from the total magnetic field profile along the control line. The corrected control lines were used to level the traverse lines by a method of minimum sum-total adjustment.

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

Airborne survey and digital compilation was carried out by Resource Geophysics and Geochemistry Division, Geological Survey of Canada. The survey operations took place between July 1980 and August 1982 using Beechcraft Queenair 65-B80 aircraft C-FWZG.

The topography for this map was reproduced from 1:50,000 topographical map sheets, published by the Department of Energy, Mines and Resources, Ottawa.

The survey data used to compile this map is available in digital form from the Geological Survey of Canada on a cost recovery basis. Copies of this map may be obtained from the Mineral Resources Division, Manitoba Department of Energy and Mines, Winnipeg, or from the Geological Survey of Canada, Ottawa.

> EXPERIMENTAL COLOUR COMPILATION (HIGH RESOLUTION AEROMAGNETIC TOTAL FIELD) MAP C 20, 348 G

> > FLIN FLON MANITOBA