

GEOPHYSICAL SERIES
AEROMAGNETIC TOTAL FIELD MAP
SÉRIE DES CARTES GÉOPHYSIQUES
CARTE AÉROMAGNÉTIQUE DU CHAMP TOTAL

GEOLOGICAL SURVEY OF CANADA
COMMISSION GÉOLOGIQUE DU CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES
MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RÉSOURCES

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This map was photographically reduced from 1:125,000 maps which were compiled from digitally recorded aeromagnetic survey data obtained by proton precession magnetometers which measured the total field with a resolution of 0.2 gamma. DECCA navigation was used for flight path recovery over water, utilizing the Pullen Island DECCA Chain. On land, the flight path of the survey aircraft was recovered from 35 mm aerial photographs, transferred to standard base topographic maps and used to check the accuracy of the DECCA fixes at the coastline.

The data were levelled using a combined manual/computer process based on the differences of the magnetic values of the control and traverse lines at their intersections.

The total field values were interpolated onto a 0.25 cm square grid at a map scale of 1:125,000. The contours were plotted using the computer and digital plotting facilities of Questor Surveys Limited.

The data used in compiling this map are available in digital form from the Geological Survey of Canada at the cost of retrieval and copying.

Airborne magnetic survey was carried out by Questor Surveys Limited from March to September, 1985.

No correction has been made for regional variations.

The bathymetric contours were supplied by the Canadian Hydrographic Service, Department of Fisheries and Oceans.

Base map from maps published by the Surveys and Mapping Branch, Department of Energy, Mines and Resources.

The DECCA navigation equipment was supplied by The Polar Continental Shelf Project.

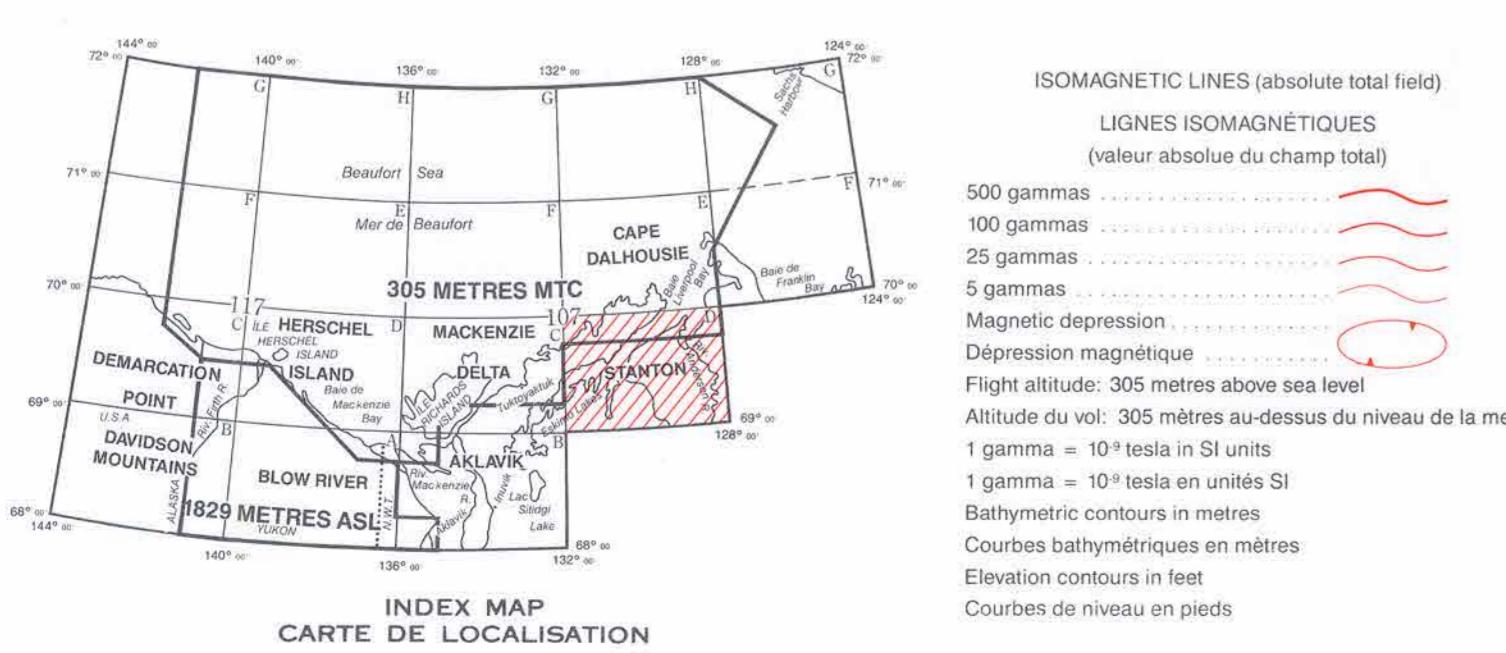
Copies of this map may be obtained from the Publications Division of the Geological Survey of Canada, Ottawa.

On peut obtenir des exemplaires de cette carte en s'adressant à la division des publications à la Commission géologique du Canada, Ottawa.

MAP 7971 G CARTE
NORTHWEST TERRITORIES
LES TERRITOIRES DU NORD-OUEST

MAP 7971 G CARTE
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MAP 7971 G CARTE
STANTON

NORTHWEST TERRITORIES
LES TERRITOIRES DU NORD-OUEST

SCALE 1:250 000 - ÉCHELLE 1/250 000

Mètres 5000 0 10 20 Kilometres

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