

This airborne geophysical survey and the production of this map were funded by a Strategic Investments in Northern Economic Development grant from Indian and Northern Affairs Canada to the Government of Nunavut and by the Geomapping for Energy and Minerals Program of the Earth Sciences Sector, Natural Resources Canada.

Ce levé géophysique et la production de cette carte ont été financés par une subvention au développement économique du Nord par le ministère des Affaires indiennes et du Nord Canada au Gouvernement du Nunavut et par le programme Géocartographie pour l'énergie et les minéraux du Secteur des sciences de la Terre, Ressources naturelles Canada.

GSC OPEN FILE 6100 / DOSSIER PUBLIC 6100 DE LA CGC

FIRST VERTICAL DERIVATIVE OF THE MAGNETIC FIELD DÉRIVÉE PREMIÈRE VERTICALE DU CHAMP MAGNÉTIQUE

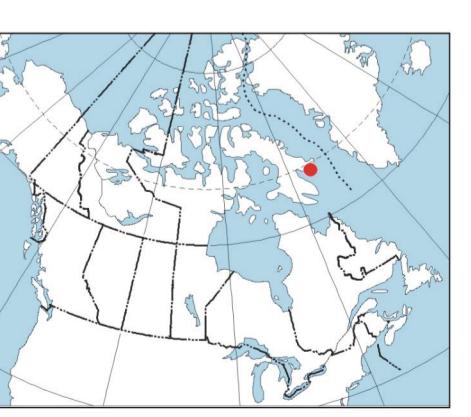
CUMBERLAND PENINSULA AEROMAGNETIC SURVEY LEVÉ AÉROMAGNÉTIQUE PÉNINSULE CUMBERLAND

Auteur : Coyle, M.
Data acquisition, compilation and map production by
Goldak Airborne Surveys, Saskatoon, Saskatchewan.
Contract and project management by
the Geological Survey of Canada, Ottawa, Ontario.

Auteur : Coyle, M.
L'acquisition, la compilation des données ainsi que la production des cartes furent effectuées par Goldak Airborne Surveys, Saskatoon, Saskatchewan.
La gestion et la supervision du projet furent effectuées par la Commission géologique du Canada, Ottawa, Ontario.

PART OF NTS 16K SOUTH / PARTIE DE SNRC 16K SUD Nunavut

Scale 1: 100 000 - Échelle 1/100 000
kilometers 2 0 2 4 6 8 kilometers
NAD83/UTM Zone 2N
Universal Transverse Mercator Projection
North American Datum 1983
©Her Majesty the Queen in Right of Canada 2009
Digital topographic data provided by Geomatics Canada, Natural Resources Canada
Données topographiques numériques de Geomatics Canada, Ressources naturelles Canada



MAP LOCATION - LOCALISATION DE LA CARTE

OPEN FILE DOSSIER PUBLIC	
6100	Open files are products that have been reviewed through the GSC formal publication process Les dossiers publics sont des produits qui ont été examinés et approuvés par le processus officiel de publication de la CGC

Recommended citation:
Coyle, M., 2009.
First vertical derivative of the magnetic field,
Cumberland Peninsula Aeromagnetic Survey,
part of NTS 16K South, Nunavut,
Geological Survey of Canada, Open File 6100,
Scale 1:100 000.

Notation bibliographique conseillée :
Coyle, M., 2009.
Dérivée première verticale du champ magnétique,
Levé aéromagnétique Péninsule Cumberland,
partie de SNRC 16K Sud, Nunavut,
Commission géologique du Canada, Dossier public 6100;
échelle 1/100 000.

Detailed description of the map:
This map shows the first vertical derivative of the magnetic field over the Cumberland Peninsula in Nunavut, Canada. The map spans from approximately 66°30'N to 66°5'N and 60°50'W to 62°W. The color scale ranges from -0.305 nT (blue) to 0.304 nT (red). A grid of control and traverse lines is overlaid on the map. A legend on the right provides a color key for the magnetic values and symbols for planimetric features like drainage, roads, buildings, and flight lines.

Geographic context:
The map is located in the Cumberland Peninsula, part of the NTS 16K South area in Nunavut, Canada. It is situated between the Arctic Ocean to the north and various rivers and lakes to the south and west.

Scale and projection:
The map is at a scale of 1:100,000. The projection used is Universal Transverse Mercator (UTM) Zone 2N, North American Datum 1983.

Data source and copyright:
The data was acquired by Goldak Airborne Surveys, Saskatoon, Saskatchewan, and compiled by the Geological Survey of Canada, Ottawa, Ontario. The map is a product of the Geological Survey of Canada, Open File 6100.

Other information:
The map includes a legend for planimetric symbols such as drainage, roads, buildings, and flight lines. It also includes a map location showing the survey area's position relative to other geographical features.