

Gamma-ray Spectrometric Data
The airborne gamma-ray spectrometric survey of Miertsching Lake area, Nunavut, was completed by Sander Geophysics Limited. The survey was flown on 4th August 2009 using a Cessna 441QII aircraft. The terrain above the survey area is generally level, with elevations ranging from 400 m to 450 m, and the aircraft flew at a nominal altitude of 125 m at an air speed of 250 km/h. The survey was completed in 180° of coverage over the area. The flight path was recorded following post-flight differential correction to the data recorded by a Global Positioning System. The survey was flown at a constant altitude of 125 m above the terrain.

Magnetic Data
The magnetic field was measured using a Bartington Instruments Bartington MFG-100 magnetometer. The magnetometer was mounted on the aircraft and the data was recorded at a rate of 1 Hz. The magnetometer was calibrated before the survey and the data was corrected for any drift. The magnetic field was measured in nT and the data was corrected for any drift. The magnetic field was measured in nT and the data was corrected for any drift. The magnetic field was measured in nT and the data was corrected for any drift.

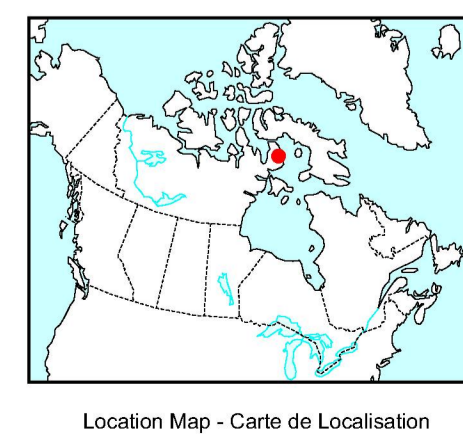
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GEOPHYSICAL SERIES / SÉRIE DES CARTES GÉOPHYSIQUES
NTS 46-O/09 and NTS 46 P/12 / SNRC 46-O/09 et SNRC 46 P/12
AIRBORNE GEOPHYSICAL SURVEY MIERTSCHING LAKE EAST, NUNAVUT
LEVÉ GÉOPHYSIQUE AÉROPORTÉ MIERTSCHING LAKE EST, NUNAVUT

Digital versions of this map and the corresponding digital data, geophysical data and anomaly listing by individual survey areas may be downloaded, at no charge, from Natural Resources Canada's Geoscience Data Repository for Geophysical and Geospatial Data at <http://www.nrcresearchpress.com/doi/full/10.1155/2010/1150000>. The map and digital data are also available, for a fee, from the Geophysical Data Centre, Geological Survey of Canada, 615 Booth Street, Ottawa, Ontario, K1A 0E8. Telephone: (613) 995-5326, email: info@geophys.nrc.gc.ca.

RESIDUAL TOTAL MAGNETIC FIELD
COMPOSANTE RÉSIDUELLE DU CHAMP MAGNÉTIQUE TOTAL



MAP SHEET SUMMARY / SOMMAIRE DES FEUILLETS

GSC Sheet / Feuilles GGC	MAP / CARTE
1.	Natural Air Absorbed Dose Rate / Taux d'absorption naturel des rayons gamma dans l'air
2.	Potassium
3.	Uranium
4.	Thorium
5.	Uranium / Thorium
6.	Uranium / Potassium
7.	Thorium / Potassium
8.	Terrain / Relèvement / Map / Diagramme terrain des radiations
9.	Residual Total Magnetic Field / Composante résiduelle du champ magnétique total
10.	First Vertical Derivative of the Magnetic Field / Dérivée première verticale du champ magnétique

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