

Gamma-ray Spectrometric Data
 The airborne gamma-ray spectrometric survey was made with a Digital Instruments GR-402 gamma-ray spectrometer with NaI(Tl) crystals. The mean detector energy resolution was 0.4 eV (FWHM) at 2039 keV. Two crystals that were 40 cm in diameter, 25 cm high, were used. The mean area, with solid angle of 1.8 sr, was 2500 cm². The detector was calibrated with a series of 25 standard sources, including 226Ra, 232Th, and 238U. The detector was calibrated with a series of 25 standard sources, including 226Ra, 232Th, and 238U. The detector was calibrated with a series of 25 standard sources, including 226Ra, 232Th, and 238U.

Magnetic Data
 The magnetic field was sampled 10 times per second using a split-beam non-magnetic magnetometer (model 1110) mounted to the aircraft. The magnetic field was sampled 10 times per second using a split-beam non-magnetic magnetometer (model 1110) mounted to the aircraft.

Planimetric Symbols
 Topographic contour, Drainage, Wetland, Building, Cut Line, Road, Trail, Flight Line, etc.

This airborne geophysical survey and the production of this map were funded by the Geo-Mapping for Energy and Minerals (GEM) Program of the Earth Sciences Sector, Natural Resources Canada.

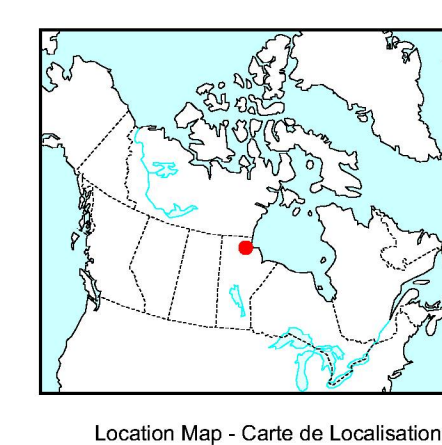
GSC OPEN FILE 6073 / DOSSIER PUBLIC 6073 DE LA CGC
 MGS OPEN FILE OF2009-9 / OPEN FILE OF2009-9 DES LGM

Digital versions of this map and the corresponding digital line data, geoid geopotential data and anomaly listings by individual survey areas may be downloaded, at no charge, from Natural Resources Canada's Geoscientific Data Repository for Geophysical and Geospatial Data at <http://gdr.mcg.gc.ca/gem/>. The map and digital data are also available, for sale, from the Geophysical Data Centre, Geological Survey of Canada, 615 Booth Street, Ottawa, Ontario, K1A 0E8, Telephone: (613) 995-5326, email: mgsgdr@gsg.mcg.gc.ca.

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

Scale 1 : 50 000 - Échelle 1 / 50 000
 1 km 0 2 4 km

Auteurs : Fortin, R., Coyle, M., Carson, J.M., et Kiss, F.
 L'acquisition, la compilation des données ainsi que la production des cartes furent effectuées par Sandor Geophysics Limited, Ottawa, Ontario.



MAP SHEET SUMMARY / SOMMAIRE DES FEUILLETS

GSC/MCS Sheet / Feuille CCG/LM	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.	Radiation Background Map / Diagramme de fond des radionucléides
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

AIRBORNE GEOPHYSICAL SURVEY OF THE GREAT ISLAND AND SEAL RIVER AREA, MANITOBA
 LEVÉ GÉOPHYSIQUE AÉROPORTÉ DE LA RÉGION DE GREAT ISLAND ET SEAL RIVER, MANITOBA

OPEN FILE
 DOSSIER PUBLIC
 6073
 2009

OPEN FILE
 OF2009-9
 2009

Recommended citation:
 Fortin, R., Coyle, M., Carson, J.M., and Kiss, F.
 2009. Geophysical series, NTS 64-I/09 and part of NTS 54 L/12, Manitoba, Airborne Geophysical Survey of the Great Island and Seal River Area, Manitoba, Geological Survey of Canada, Open File 6073, Manitoba Geophysical Survey, Open File OF2009-9, scale 1:50 000.

Notation bibliographique conseillée:
 Fortin, R., Coyle, M., Carson, J.M., et Kiss, F.
 2009. Série des cartes géophysiques, SNRC 64-I/09 et partie de SNRC 54 L/12, Manitoba, Levé géophysique aéroporté de la région de Great Island et Seal River, Manitoba, Commission géologique du Canada, Dossier public 6073, Levés géophysiques du Manitoba, Open File OF2009-9, échelle 1:50 000.