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These data accompany:

Ontario Geological Survey Map 60 382

Airborne magnetic and electromagnetic surveys, colour-filled contours of the residual magnetic field and electromagnetic anomalies, Marshall Lake Area—Purchased data, scale 1: 20 000.

Ontario Geological Survey Map 60 383

Airborne magnetic and electromagnetic surveys, shaded colour image of the second vertical derivative of the residual magnetic field and Keating coefficients, Marshall lake area—Purchased data, scale 1: 20 000.

Ontario Geological Survey Map 60 384

Airborne magnetic and electromagnetic surveys, colour-filled contours of the EM decay constant and electromagnetic anomalies, Marshall Lake Area—Purchased data, scale 1:20 000

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Geophysical Data Set 1239

Ontario Airborne Geophysical Surveys, Magnetic and Electromagnetic Data, Grid and Profile Data (ASCII and Geosoft® Formats) and Vector Data, Marshall Lake Area—Purchased Data

by Ontario Geological Survey

This publication can be downloaded from

http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=pub&id=GDS1239

Geophysical Data Set (GDS) 1239 includes the results of airborne magnetic and VTEM time-domain helicopter electromagnetic (HEM) surveys flown in the Marshall Lake area of northwestern Ontario. The total number of line kilometres of this survey is 1616. GDS 1239 is contained on a single DVD.

This geophysical data set includes

- airborne magnetic and electromagnetic data—both raw and processed—in ASCII and Geosoft® GDB file formats
- EM anomaly databases in ASCII and Geosoft® GDB file formats
- grids (in ASCII and Geosoft® GRD file formats) of the magnetic and electromagnetic products
- Keating correlation coefficient anomalies
- geoTIFF images of magnetic and EM decay constant grids
- vector (DXF) files of flight path, Keating anomalies, EM decay constant and magnetic contours
- survey report and documentation in Microsoft® Word (DOC) and portable document format (PDF).