

MRD273-REV METADATA

GENERAL INFORMATION

Official Name of the Data Set or Information Holding: Ontario Precambrian Bedrock Magnetic Susceptibility Geodatabase for 2001 to 2012

Acronyms are Used to Identify the Data Set or Information Holding: MRD273-REV

Describe the Data Set or Information Holding:

Muir, T.L. (author)

This publication can be downloaded from GeologyOntario: see Distribution Information section.

This digital release contains magnetic susceptibility data compiled from 46 field mapping projects undertaken by the former Precambrian Geology Section (now the Earth Resources and Geoscience Mapping Section, ERGMS) of the Ontario Geological Survey. Almost 29,000 sets of outcrop readings were obtained between 2001 and 2012 and are presented as ESRI(R) ArcMap(R) document (.mxd), geodatabase (.mdb) and shapefile (.shp) formats and one comma-delimited (.csv) file. Provincial-scale base (map) data for the province boundary (.mdb), drainage (.mdb) and township/area outlines (.shp) are included. A report describing the instrumentation, data acquisition, processing and sources, and data uses is provided in a portable document format (.pdf) format along with a template in Microsoft(R) Excel(R) (.xls) format that is used for entering data in the field.

Additional information and metadata are found within a readme file provided with the product.

The Intended Use and Purpose for Collecting the Data Set or Information Holding:

The data were collected as part of an effort to obtain rock property (magnetic susceptibility) information during the field mapping projects for interpretation and modeling purposes. The objective of this product is to collect and disseminate geoscience information for Ontario.

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Describe any Legislated or Legal Authority for Collecting the Data Set: N/A

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DATABASES

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MNDM

OGS

ONTARIO GEOLOGICAL SURVEY
PRECAMBRIAN BEDROCK GEOLOGY
PROTEROZOIC BEDROCK GEOLOGY
STATISTICAL ANALYSIS

Business Theme:

GEOLOGICAL SURVEY
GEOLOGY

GEOGRAPHIC INFORMATION

Selected geographic type: Bounding Box only

North Bounding Coordinate: 57° 14'

South Bounding Coordinate: 41° 30'

West Bounding Coordinate: -95° 00'

East Bounding Coordinate: -74° 00'

Geographic Completeness: irregularly shaped study area - 100% Complete

MAPPING INFORMATION

Grid Coordinate System Used: Universal Transverse Mercator

Map Projection: Transverse Mercator

Horizontal Geodetic Datum: NAD83

Vertical Geodetic Datum: Not Applicable

Position Accuracy of Features:

Horizontal: +/- 15 m

Vertical: Not Applicable

DATA SOURCE INFORMATION

Data Source Type: Includes Bibliographic Information

Describe for the Source Data Contribution: Product includes references to other sources of information

Data Source Type: Direct Field Collection

Describe for the Data Source:

Time Period Comments: Data were collected by various geologists and field teams during the period from June 1, 2001 to December 31, 2012

CONTACT

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