

MISCELLANEOUS RELEASE—DATA (MRD) 126-REVISION 1 METADATA

GENERAL INFORMATION

Official Name of the Data Set or Information Holding:

1:250 000 Scale Bedrock Geology of Ontario

Acronyms are Used to Identify the Data Set or Information Holding: MRD126-REV1

Describe the Data Set or Information Holding:

Ontario Geological Survey (author)

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

The Ontario Geological Survey has compiled a 1:250 000 scale map of the bedrock geology of Ontario. The map was revised and updated and replaces the map previously released on Miscellaneous Release-Data 126-Revised. This seamless GIS data set includes themes such as bedrock units, major faults, dike swarms, iron formations and kimberlites, and also includes an interpretation of the Precambrian bedrock geology underlying the Phanerozoic cover of the Hudson Bay and James Bay lowlands.

This product is intended for use at scales of 1:250 000 and smaller. Use of this product at larger, detailed scales will result in issues for which this product was never intended.

The 1:250 000 Scale Bedrock Geology of Ontario data are available in ESRI® shapefile format. The map project was constructed with ArcGIS® 9.3 software. Metadata and details of the ArcView® data sets and accompanying images are provided.

This geological map of Ontario was compiled mainly from maps and reports of the Ontario Geological Survey, the Geological Survey of Canada, and the Geological Surveys of Manitoba, Quebec, New York, Minnesota and Michigan. In addition, the compilation incorporated unpublished maps and reports on file with the Ontario Geological Survey, university theses, papers in professional journals, aeromagnetic maps, gamma -ray spectrometric and gravity maps, aerial photographs and satellite images.

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 purpose of this product is to provide a detailed overview of bedrock geology in Ontario to the mineral exploration and development community, as well as government geoscientists and academic researchers.

The objective of this product is to collect and disseminate geoscience information for Ontario.

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Ontario Geological Survey 2011. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release---Data 126-Revision 1.

ISBN 978-1-4435-5704-7 (CD) ISBN 978-1-4435-5705-4 [zip file]

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

Select the Level of Privacy for this Metadata Information: Public

Time Coverage: February 1, 2011

Time Coverage Comments: Date of Publication.

Enter or Select the Current Status of the Data Set: Complete

Enter or Select the Frequency with which Changes or Additions are Made to the Data Set: Not Planned

Enter the retention schedule number: 9999

Retention period or description: HB

Keywords:

Geological Survey

Geology

Ministry of Northern Development and Mines

MNDM

Ontario Geological Survey

OGS

Miscellaneous Release Data

MRD

Bedrock Geology, General

Archean Bedrock Geology

Precambrian Bedrock Geology

Proterozoic Bedrock Geology

Paleozoic Bedrock Geology

Geographic Information Systems

GIS

Digital Data

Educational Resources

Business Theme:

Geological Survey

Geology

GEOGRAPHIC INFORMATION

Selected geographic type: Bounding Box only

North Bounding Latitude: 57° 00'

South Bounding Latitude: 41° 30'

West Bounding Longitude: -95° 30'

East Bounding Longitude: -74° 00'

Geographic Completeness: 100% Complete

MAPPING INFORMATION

Grid Coordinate System Used: decimal degrees

Map Projection: Lambert Conformal Conic

Horizontal Geodetic Datum: NAD83

Vertical Datum: Not Applicable

Horizontal Position Accuracy of Features: +/- 5000 m

Vertical Position Accuracy of Features: 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

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METADATA

Date of this Metadata Description/Update: July 4, 2019

Date when Metadata Should be Reviewed: December 31, 2019

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