

MRD 298 METADATA

GENERAL INFORMATION

Official Name of the Data Set or Information Holding: Ontario Rhyolite Database---
Northwestern Ontario and the Grenville Province

Acronyms are Used to Identify the Data Set or Information Holding: MRD298

Describe the Data Set or Information Holding:

Berger, B.R., Chartrand, J.E. (authors)

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

This digital data set provides information on areas where rhyolite is identified by geology or geochemistry in northwestern Ontario and the Grenville Province. This publication complements the data set on the compilation and interpretation of rhyolite occurrences in northeastern Ontario, Miscellaneous Release---Data 281, 'Northeastern Ontario Rhyolite Database'. The data are presented in geodatabase (.mdb) and shapefile (.shp) formats (created using ESRI(R) ArcGIS(R) 9.3) on a colour geology base derived from Miscellaneous Release---Data 126--Revised, '1:250 000 scale Bedrock Geology of Ontario'. The data comprise a polygon layer containing outlines of rhyolite and felsic metavolcanic rocks; geochemistry, geochronology and mineral occurrence layers; and Microsoft(R) Excel(R) 2003 (.xls) files containing geochronological data and geochemical analyses. Locations of point source rhyolite occurrences are inferred from the locations of the geochemical samples. Location data are provided in the latitude and longitude as well as Universal Transverse Mercator (UTM) projection and grid system, zones 15, 16, 17 and 18, North American Datum 1983 (NAD83)..

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:

This data release is one of a series of publications that identifies areas in Ontario where rhyolite occurs and provides basic descriptions, geochemical and geochronological data and information on mineral occurrences that may be related to these rocks. The objective of this product is to collect and disseminate geoscience information for Ontario.

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GEOCHRONOLOGY
GRENVILLE PROVINCE (GEOLOGICAL)
LITHOGEOCHEMISTRY
MINERAL OCCURRENCES
URANIUM/LEAD (U/PB)
VOLCANIC

Business Theme:

GEOLOGICAL SURVEY
GEOLOGY

GEOGRAPHIC INFORMATION

Selected geographic type: Bounding Box only

North Bounding Latitude: 55° 30'
South Bounding Latitude: 46° 12'
West Bounding Longitude: -85° 24'
East Bounding Longitude: -79° 31'

Geographic Completeness: irregularly shaped study area - completeness not available

MAPPING INFORMATION

Grid Coordinate System Used:	Universal Transverse Mercator
Map Projection:	Transverse Mercator
Horizontal Geodetic Datum:	NAD83
Vertical Datum:	Not Applicable
Horizontal Position Accuracy of Features:	Various
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

Data Source Type: a compilation of existing maps and data sets

Time Period Comments: 1970 to present

CONTACT

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METADATA

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