

MISCELLANEOUS RELEASE—DATA (MRD) 345 METADATA

GENERAL INFORMATION

Official Name of the Data Set or Information Holding:

Geochemistry of the Mesoproterozoic Wolfcamp Lake Basalts, Northwestern Ontario

Acronyms are Used to Identify the Data Set or Information Holding: MRD345

Describe the Data Set or Information Holding:

Davis, S., Hollings, P., Cundari, R.M. (authors)

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

This digital data release includes whole-rock and trace element analyses for 34 samples from the Mesoproterozoic Wolfcamp Lake basalts associated with the Coldwell Complex in the Midcontinent Rift in northwestern Ontario. The geochemical data are provided in a Microsoft® Excel® 2010 (.xlsx) workbook file. These results were part of an Honours BSc thesis study that was a collaborative project between Lakehead University and the Ontario Geological Survey.

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 project was undertaken to better understand the geochemistry and the origin of the Wolfcamp Lake basalts (*circa* 1120 Ma), which occur in the western part of the Mesoproterozoic Midcontinent Rift in northwestern Ontario. The data collected as part of this project are part of a long-term study between Lakehead University and Ontario Geological Survey researchers to better understand the volcanic history of the Midcontinent Rift in Ontario.

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

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Miscellaneous Release Data

MRD

Proterozoic Bedrock Geology

Mesoproterozoic

Volcanic

Lithogeochemistry

Major Elements

Trace Elements

Business Theme:

Geological Survey

Geology

GEOGRAPHIC INFORMATION

Selected geographic type: Bounding Box only

North Bounding Latitude: 48° 48'

South Bounding Latitude: 48° 46'

West Bounding Longitude: -86° 27'

East Bounding Longitude: -86° 25'

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: Precise +/- 5 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

Data Source Type: Direct Field Collection

Source Data Set Description: Field work and data analysis conducted from August 2015 to June 2016

CONTACT INFORMATION

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