

MISCELLANEOUS RELEASE—DATA (MRD) 349 METADATA

GENERAL INFORMATION

Official Name of the Data Set or Information Holding:

Petrology and Geochemistry of the Neoproterozoic McKenzie Granite, Northwestern Ontario

Acronyms are Used to Identify the Data Set or Information Holding: MRD349

Describe the Data Set or Information Holding:

Hughes, A., Hollings, P., Smyk, M.C., Puumala, M.A., Campbell, D.A. (authors)

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

This digital data release includes whole-rock and trace element analyses for 16 samples of felsic igneous rocks from the Neoproterozoic McKenzie granite from the Thunder Bay area of northwestern Ontario. A general description of the units sampled, their petrography and whole-rock geochemical analyses are provided.

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 publication is part of an ongoing project to examine and characterize the granitoid intrusions that occur along the Quetico–Wawa subprovinces boundary in the area between Thunder Bay and Schreiber. These results form part of an BSc (Honours) thesis study that was a collaborative project between Lakehead University and the Ontario Geological Survey.

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

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Miscellaneous Release Data

MRD

Archean Bedrock Geology

Granite Granitic

Litho geochemistry

Major Elements

Trace Elements

Business Theme:

Geological Survey

Geology

GEOGRAPHIC INFORMATION

Selected geographic type: Bounding Box only

North Bounding Latitude: 48° 34'

South Bounding Latitude: 48° 30'

West Bounding Longitude: -89° 07'

East Bounding Longitude: -88° 50'

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: various (see Sources)

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 conducted from September 2016 to December 2016

CONTACT INFORMATION

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METADATA

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Date when Metadata Should be Reviewed: December 31, 2017

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