

MRD 311 METADATA DETAIL PAGE

GENERAL INFORMATION

Official Name of the Data Set or Information Holding: Geological, Geochemical, Geophysical and Petrographic Data Related to a Study of Plutons Intruded Circa 1090 to 1065 Ma in the Southeastern Central Metasedimentary Belt, Grenville Province

Acronyms are Used to Identify the Data Set or Information Holding: MRD311

Describe the Data Set or Information Holding:

Cutts, J.A. (authors)

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

This digital data release contains outcrop, hand sample and thin section photographs, whole rock and isotope geochemical data, and magnetic susceptibility and scintillometer data collected between May 2010 and October 2013 as part of a study of the plutons intruded circa 1090 to 1065 Ma in the southeastern Central Metasedimentary Belt (Project Unit 11-013). This project was supported by the Ontario Geological Survey and constitutes and in part fulfills the requirements of an MSc thesis at the Department of Earth Sciences, Carleton University, Ottawa. The project examined the tectonic source age, and major, trace and isotope geochemistry of 9 syntectonic to posttectonic, granite and syenite intrusions present within the southeastern part of the Central Metasedimentary Belt of the Grenville Province. One aspect of the project examines whether or not radioactive mineralization in the area is related genetically to the granite intrusions. This release consists of 155 images as .jpg files, 17 scanning electron microscope cathodoluminescence images as .tif files, 6 Microsoft® Excel® 2010 (.xlsx) files, and 5 supporting documents in portable document format (.pdf).

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 study is part of regional effort to better understand mineral potential in the southeastern Ontario, and complements data collected from several projects (Project Units (PU) 07-003, 10-003, 11-003 and 11-004). The purpose of the digital data release is to make available all raw data collected as part of this project.

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

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MNDM
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GEOCHEMICAL, GENERAL
GRENVILLE PROVINCE
PROTEROZOIC BEDROCK GEOLOGY

Business Theme:

GEOLOGICAL SURVEY
GEOLOGY

GEOGRAPHIC INFORMATION

Selected geographic type: Bounding Box only

North Bounding Latitude: 45° 00'

South Bounding Latitude: 44° 30'

West Bounding Longitude: -77° 20'

East Bounding Longitude: -76° 20'

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:	+/- 10 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

Time Period: Survey conducted from May 2010 to October 2013

CONTACT

GENERAL INFORMATION CONTACT:

Position: Publication Sales Representative

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METADATA

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