

MRD 305 METADATA

GENERAL INFORMATION

Official Name of the Data Set or Information Holding: Geological, Geochemical and Geophysical Data from the Elliot Lake Area, Southern and Superior Provinces, Ontario

Acronyms are Used to Identify the Data Set or Information Holding: MRD305

Describe the Data Set or Information Holding:

Easton, R.M. (author)

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

This data release contains field photographs, public presentations, whole-rock chemistry, isotope geochemistry, assay, geochronology magnetic susceptibility and scintillometer data collected as part of the Pecors–Whiskey mapping project (Project Unit 09-004) and the East Bull Lake–Agnew intrusions compilation project (Project Unit 07-002), which were collected between June 2008 and December 2012. The study area includes rocks of the Archean Whiskey Lake greenstone belt and low-grade metavolcanic and metasedimentary rocks of the Paleoproterozoic Huronian Supergroup. The area hosts past-producing uranium mines, as well as several uranium occurrences, all hosted within the Matinenda Formation of the Huronian Supergroup. These data augment Preliminary Map P.3775, “Precambrian Geology, Pecors–Whiskey Area”; the marginal notes and the geological legend from the map are also 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:

The study is part of 1:20,000 bedrock mapping project, which was undertaken to assist mineral exploration within the area east of the City of Elliot Lake. The area has potential for base-metal sulphide deposits hosted within mafic metavolcanic rocks, as well as for nickel-copper-platinum group elements (PGE) and uranium mineralization. The purpose of the publication is to release final digital data related to this project.

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

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PRECAMBRIAN BEDROCK GEOLOGY
SOUTHERN PROVINCE (GEOLOGICAL)
SUPERIOR PROVINCE (GEOLOGICAL)

Business Theme:

GEOLOGICAL SURVEY
GEOLOGY

GEOGRAPHIC INFORMATION

Selected geographic type: Bounding Box only

North Bounding Latitude: 46° 46'
South Bounding Latitude: 46° 18'
West Bounding Longitude: -83° 00'
East Bounding Longitude: -82° 00'

Geographic Completeness: irregularly shaped study area - completeness not available

MAPPING INFORMATION

Grid Coordinate System Used:	Universal Transverse Mercator
Map Projection:	Transverse Mercator Zone 17
Horizontal Geodetic Datum:	NAD83
Vertical Datum:	Not Applicable
Horizontal Position Accuracy of Features:	+/- 1 m very precise
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 Comments: work conducted June 2007 to December 2012

CONTACT

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METADATA

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