

## MRD 328 METADATA

### GENERAL INFORMATION

**Official Name of the Data Set or Information Holding:**

Geological, Geochemical, Geophysical, Geochronological and Petrographic Data from the Lang Lake Greenstone Belt, Central Uchi Domain, Superior Province

**Acronyms are Used to Identify the Data Set or Information Holding:** MRD328

**Describe the Data Set or Information Holding:**

Magnus, S.J. (author)

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

This release contains field notes, outcrop photographs and magnetic susceptibility data collected between May and September 2014 as part of 1:20 000 scale bedrock geology mapping in the Lang Lake greenstone belt (Project Unit 13-002). Whole-rock geochemical data, geochronological data and petrographic data are provided for collected samples. Also included are previously published articles and presentations to the public related to the project. This release comprises 95 images (as .jpg files), 11 Microsoft® Excel® 2010 (.xlsx) workbook files and 21 documents in portable document format (.pdf). These data augment Preliminary Maps P.3794, "Precambrian Geology of the Lang Lake Greenstone Belt (West Half)" and P.3795, "Precambrian Geology of the Lang Lake Greenstone Belt (East Half)", which were released in April 2015; the geological legend and marginal notes for these maps 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:**

This study focussed on the geology and geochemistry of the Lang Lake greenstone belt with the intent of interpreting a depositional (for supracrustal rocks), emplacement (for intrusive rocks) and structural history of the belt. It is the intent of this author that these data and interpretations be used as a broad framework upon which more detailed academic and mineral exploration activities may improve and expand.

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

### CONSTRAINTS FOR USING THE DATA SET

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**Describe any Legislated or Legal Authority for Collecting the Data Set:** N/A  
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**Time Coverage Comments:** Date of Publication.

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Miscellaneous Release Data

MRD

Geochemical Geochemistry

Geochronology

Archean Bedrock Geology

Superior Province

Gold (Au)

**Business Theme:**

Geological Survey

Geology

**GEOGRAPHIC INFORMATION**

**Selected geographic type:** Bounding Box only

North Bounding Latitude: 51° 42'

South Bounding Latitude: 51° 31'

West Bounding Longitude: -91° 41'

East Bounding Longitude: -90° 59'

**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:** +/- 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:** Survey conducted from May to September 2014

## CONTACT INFORMATION

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#### **METADATA**

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**Date when Metadata Should be Reviewed:** December 31, 2017

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