

## MRD 331 METADATA

### GENERAL INFORMATION

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

Indicator Mineral and Till Bulk Sample Geochemistry Data, Chapleau Area, Northern Ontario

**Acronyms are Used to Identify the Data Set or Information Holding:** MRD331

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

Gao, C. (author)

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

This digital data release presents the results of a regional till sampling survey undertaken in the Chapleau area, northern Ontario. The data include heavy mineral grain counts for kimberlite indicator minerals (KIMs), metamorphic/magmatic massive sulphide indicator minerals (MMSIM®\*) and gold, as well as geochemistry of the <0.063 mm fraction of the bulk sample. The data are being released in conjunction with Open File Report 6320, available separately. The files are provided in 20 Microsoft® Excel® 2010 (.x/sx) spreadsheets that contain information on sample site locations, sample processing data, gold grain counts, KIM and MMSIM®\* grain data, electron probe microanalyzer results for KIM and MMSIM®\* grains, clastic lithology data, and geochemical data for the <0.063 mm fraction of the bulk sample; and as well, 1 file in portable document format (.pdf), containing binocular microscope descriptions of nonkimberlitic boulders of mantle origin.

Additional information and metadata are found within a readme file provided with the product.

\*MMSIM is a registered trademark of Overburden Drilling Management Limited, Nepean, Ontario.

**The Intended Use and Purpose for Collecting the Data Set or Information Holding:**

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

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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

Quaternary Surficial Geology

Alluvium

Glacial Deposits

Surficial Geology, General

Overburden Geochemistry

Geochemical Geochemistry

Sand And Gravel

Gold Au

Kimberlites

MMSIMs Massive Magmatic Sulfide Indicator Minerals

**Business Theme:**

Geological Survey

Geology

**GEOGRAPHIC INFORMATION**

**Selected geographic type:** Bounding Box only

North Bounding Latitude: 48° 15'

South Bounding Latitude: 47° 30'

West Bounding Longitude: -83° 30'

East Bounding Longitude: -83° 00'

**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 conducted from July to August 2011, 2013 and 2014; June 2016

## CONTACT INFORMATION

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## **METADATA**

**Date of this Metadata Description/Update:** December 20, 2016

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

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