

# **MRD 296 METADATA DETAIL PAGE**

## **GENERAL INFORMATION**

**Official Name of the Data Set or Information Holding:** Lake Sediment and Water Geochemical Data from the Mine Centre Area, Northwestern Ontario

**Acronyms are Used to Identify the Data Set or Information Holding:** MRD296

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

Dyer, R.D., Burke, H.E. (authors)

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Deep and shallow lake sediment and water chemistry and related quality assurance and quality control data are released in conjunction with Open File Report 6281. Field work was completed during the summer of 2009 centred approximately on the village of Mine Centre. Deep and shallow lake sediment and water samples were collected from most of 1726 sites visited and analyzed by instrumental neutron activation analysis (INAA) (deep sediment only), inductively coupled plasma optical emission spectrometry (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS) and ion chromatography (IC) (water only) for more than 50 elements. This digital product contains the whole geochemical data set for the Mine Centre survey area and is released separately from the report (Open File Report 6281), which contains a subset of the geochemical data set, preliminary data interpretation, and discussion of the data. 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 survey was undertaken to determine geochemical and limnological variations in the surficial environment, to provide a data set and/or data products useful for the public good, including such applications as mineral exploration and baseline environmental studies.** 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

**Select the Level of Privacy for this Metadata Information:** Internal

**Time Coverage:** Wednesday October 10, 2012

**Time Coverage Comments:** Date of Publication.

**Enter or Select the Current Status of the Data Set:** Complete

**Enter or Select the Frequency with which Changes or Additions are Made to the Data Set:** None Planned

**Enter the retention schedule number:** 9999

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**Keywords:**

MINISTRY OF NORTHERN DEVELOPMENT AND MINES  
MNDM  
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ONTARIO GEOLOGICAL SURVEY  
COPPER CU

FIELD SURVEYS  
GEOCHEMICAL GEOCHEMISTRY  
LEAD PB  
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MANGANESE MN  
METALS  
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MOLYBDENUM (MO)  
ORGANIC MATTER  
OTHER METALS (EXCLUDING PRECIOUS METALS)  
PRECIOUS METALS (AU, AG)  
SAMPLING  
SAMPLING TECHNIQUES  
SEDIMENT  
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STATISTICAL ANALYSIS  
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SURFACE WATER  
SURFICIAL GEOLOGY, GENERAL  
SURVEYS  
TRACE ELEMENTS  
TRACE METALS  
WATER AND SEDIMENT GEOCHEMISTRY  
WATER LAKE STREAM  
ZINC (ZN)

**Business Theme:**

GEOLOGICAL SURVEY  
GEOLOGY

**GEOGRAPHIC INFORMATION**

**Selected geographic type:** Bounding Box only

North Bounding Latitude: 49° 15'

South Bounding Latitude: 48° 13'

West Bounding Longitude: -93° 08'

East Bounding Longitude: -91° 29'

**Geographic Completeness:** irregularly shaped study area - completeness not available

**MAPPING INFORMATION**

Grid Coordinate System Used:

Map Projection:

Universal Transverse Mercator

Transverse Mercator

Horizontal Geodetic Datum: NAD83  
Vertical Datum: Not Applicable  
Horizontal Position Accuracy of Features: +/- 100 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 Comments:** survey conducted during the summer of 2009

## **CONTACT**

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**METADATA**

**Date of this Metadata Description/Update:** September 24, 2012

**Date when Metadata Should be Reviewed:** December 31, 2016

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