

MRD 320 Metadata

GENERAL INFORMATION

Official Name of the Data Set or Information Holding: Till Sample and Indicator Mineral Data for the Mowe Lake Area, Northwestern Ontario

Acronyms are Used to Identify the Data Set or Information Holding: MRD320

Describe the Data Set or Information Holding:

Marich, A.S. (author)

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

This release presents the results of a regional till sampling and surficial geology mapping project undertaken in the Mowe Lake area in northwestern Ontario in 2010 and 2011. The data comprise fine-fraction ($-63 \mu\text{m}$) geochemical analyses and geochemical and compositional analyses of particulate gold grains and metamorphic/magmatic massive sulphide indicator minerals (MMSIM^{®*}) recovered from 193 till samples. The data are being released in conjunction with Open File Report 6308, available separately. Files, provided as 10 Microsoft[®] Excel[®] spreadsheets, contain information on sample site locations, geochemical analyses, gold grain data, MMSIM[®] data and pebble lithology data. The data are available on 1 CD.

These data supplement Open File Report 6308, "Results of Regional Till Sampling in the Mowe Lake Area, Northwestern Ontario", which is available separately. Additional information and metadata are found within a readme file provided with the product.

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*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: This two-year regional till sampling and surficial geochemical survey project in the Mowe Lake area of northwestern Ontario was undertaken by the Ontario Geological Survey to assist mineral exploration in this region.

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

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MISCELLANEOUS RELEASE DATA

MRD

BASE METALS NICKEL COPPER CU ZINC ZN LEAD PB

GEOCHEMICAL GEOCHEMISTRY

GOLD AU

MMSIM[®] MASSIVE MAGMATIC SULFIDE INDICATOR MINERALS

NICKEL-COPPER-PLATINUM GROUP ELEMENTS (NI-CU-PGE)

NORTHERN ONTARIO

PRECIOUS METALS (AU, AG, PGE)

QUATERNARY SURFICIAL GEOLOGY

SILVER AG

Business Theme:

GEOLOGICAL SURVEY

GEOLOGY

GEOGRAPHIC INFORMATION

Selected geographic type: Bounding Box only

North Bounding Latitude: 48° 29'

South Bounding Latitude: 48° 03'

West Bounding Longitude: -90° 59'

East Bounding Longitude: -89° 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: Precise +/- 5 m

Vertical Position Accuracy of Features: N/A

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 and analyses conducted from May to August 2010, and June 2011

CONTACT INFORMATION

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METADATA

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