

MRD 239 METADATA

GENERAL INFORMATION

Official Name of the Data Set or Information Holding: GIS Compilation of Mineral Occurrences of the Central and Eastern Uchi Domain

Acronyms are Used to Identify the Data Set or Information Holding: MRD239

Describe the Data Set or Information Holding: Puumala, M.A. (author)

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

This digital release is a compilation of geological and metallogenic information for 372 mineral occurrences of the central and eastern Uchi domain of northwestern Ontario. This compilation was conducted during 2006-2007 as part of the Far North Geological Mapping Initiative. These data are being released in conjunction with Open File Report (OFR) 6228, Mineral Occurrences of the Central and Eastern Uchi Domain. OFR 6228 provides detailed occurrence descriptions; however, additional data for the mineral occurrences are provided as 2 Microsoft® Excel® (.xls) spreadsheets. Two colour figures (Maps 1 and 2) and Figure 10 (all 1:250 000 scale) accompany OFR 6228, digital versions of which are provided in portable document format (4 .pdf files). This release provides .mxd and geodatabase files in ESRI® ArcGIS® 9.2 format, as well as shapefiles, for Map 1, Map 2 and Figure 10. The compiled occurrences include 6 past-producing mines (4 with published reserves), 25 developed prospects with reserves, 54 prospects, 267 occurrences and 20 discretionary occurrences. These mineral occurrences represent a wide variety of mineralization types, including lode gold (vein and replacement), polymetallic vein, mafic to ultramafic intrusion-hosted copper-nickel-platinum group elements (PGE), rare-element-bearing pegmatite, volcanogenic massive sulphide (VMS), intrusive porphyry-related copper-molybdenum-gold, and Algoma-type banded iron formation. The study area includes the entire Miminiska-Fort Hope, Pickle Lake, Lake St. Joseph, Meen-Dempster and Lang Lake greenstone belts, as well as the far eastern end of the Birch-Uchi greenstone belt. The study area is covered by NTS scale map sheets 52 O, 52 P and 42 M and the northern portion of 52 J. Location data are provided in the Universal Transverse Mercator (UTM) projection and grid system, zones 15 and 16, North American Datum 1983 (NAD83). Available on 1 CD-ROM.

The Intended Use and Purpose for Collecting the Data Set or Information Holding: Far North Geological Mapping Initiative (FNGMI) is a science-based, geological mapping or inventory initiative to better understand the geological history of the Far North and its mineral resources. The objective of this product is to collect and disseminate geoscience information for Ontario.

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DATA COLLECTION

DEPOSITS

EXPLORATION DATA

MINERAL DEPOSIT INVENTORY
MINERAL OCCURRENCES
MINISTRY OF NORTHERN DEVELOPMENT AND MINES
MISCELLANEOUS RELEASE DATA
MNDM
MRD
OGS
ONTARIO GEOLOGICAL SURVEY
SUPERIOR PROVINCE (GEOLOGICAL)

Business Theme:

GEOLOGICAL SURVEY
GEOLOGY

GEOGRAPHIC INFORMATION

Selected geographic type:Bounding Box only

North Bounding Coordinate: 52° 00'

South Bounding Coordinate: 50° 45'

West Bounding Coordinate: -92° 00'

East Bounding Coordinate: -86° 00'

Geographic Completeness: irregularly shaped study area - 100% Complete

MAPPING INFORMATION

Grid Coordinate System Used: Universal Transverse Mercator

Map Projection: Transverse Mercator

Horizontal Geodetic Datum: NAD83

Vertical Geodetic Datum: Not Applicable

Position Accuracy of Features:

Horizontal: +/- 50 m

Vertical: 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

Describe for the Data Source: Data compilation and field visits 2006-2008

Time Period Comments: Data collected from 01/04/2006 to 31/03/2008

Data Source Type: Other Compiled Dataset

Describe for the Source Data Contribution: Mineral Deposit Inventory Version 2 (MDI2), live database, Ontario Geological Survey, Ministry of Northern Development and Mines
Time Period Comments: data current to that date Data collected on 01/04/2008
Name of the Source Data Set: Mineral Deposit Inventory ver.2 (MDI2)
the Acronyms Used to Identify the Source Data Set: MDI2
Describe theData Source: Mineral Deposit Inventory Version 2 (MDI2), ongoing database, Ontario Geological Survey, Ministry of Northern Development and Mines
Name of the Organization that Create the Source Data Set: Ontario Geological Survey

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