

# **MRD 245 METADATA**

## **GENERAL INFORMATION**

**Official Name of the Data Set or Information Holding:** GIS Compilation of the Burntbush-Detour Lakes Area, Abitibi Greenstone Belt

**Acronyms are Used to Identify the Data Set or Information Holding:** MRD245

**Describe the Data Set or Information Holding:** Ayer, J.A., Chartrand, J.E., Duguet, M., Rainsford, D., and Trowell, N.F (authors)

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This geological compilation of the Burntbush--Detour lakes area of northeastern Ontario is the seventh of a series of 1:100 000 scale maps and GIS data sets of the Abitibi Subprovince in Ontario. The Abitibi greenstone belt is one of the world's largest, best preserved and most economically productive greenstone belts. Geological information for the Burntbush--Detour lakes map sheet has been primarily compiled from drill-hole data and previous mapping. The detailed information provided in the diamond drill-hole data indicate that a very complex geology comprising highly interleaved mafic to felsic metavolcanic rocks and clastic and chemical metasedimentary rocks is present. One past-producing mine exists in the area - the Detour Lake Gold Mine. The Burntbush--Detour lakes area has good potential for the discovery of new gold and base metal deposits.

**The Intended Use and Purpose for Collecting the Data Set or Information Holding:** This map was produced as part of the TGI-3 Abitibi Project of Natural Resources Canada and is a contribution to the Targeted Geoscience Initiative (TGI-3) Program of the Earth Sciences Section. The objective of this product is to collect and disseminate geoscience information for Ontario.

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None Planned

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**Keywords:**

ABITIBI SUBPROVINCE (GEOLOGICAL)  
ARCHEAN BEDROCK GEOLOGY  
BASE METALS NICKEL COPPER CU ZINC ZN LEAD PB  
DIGITAL DATA  
FIELD DATA  
GEOSCIENCE  
GIS  
GOLD AU  
GREENSTONE  
MINERAL EXPLORATION  
MINERAL OCCURRENCES  
MINISTRY OF NORTHERN DEVELOPMENT AND MINES  
MISCELLANEOUS RELEASE DATA  
MNDMF  
MRD

OGS  
ONTARIO GEOLOGICAL SURVEY  
PRECAMBRIAN BEDROCK COMPILATION MAPPING  
SUPERIOR PROVINCE (GEOLOGICAL)

**Business Theme:**

GEOLOGICAL SURVEY  
GEOLOGY

**GEOGRAPHIC INFORMATION**

**Selected geographic type:** Bounding Box only

North Bounding Coordinate: 50° 08'

South Bounding Coordinate: 49° 02'

West Bounding Coordinate: -80° 28'

East Bounding Coordinate: -79° 28'

**Geographic Completeness:** 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:** +/- 25 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:** Other Compiled Dataset

**Describe for the Source Data Contribution:** Information on this map was compiled from published reports and maps of the Ontario Geological Survey and the Geological Survey of Canada, as well as from unpublished reports and maps on file with the Ontario Geological Survey, university theses, papers in professional journals, geophysical maps, and satellite images.

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