

MRD 155-METADATA DETAIL PAGE

To obtain more information about this holding, see the section named [Contacts](#).

Detail Information:

GENERAL INFORMATION

Official Name of the Data Set or Information Holding: Digital Compilation of Maps and Data from the Greenstone Architecture Project in the Timmins-Kirkland Lake Region: Discover Abitibi Initiative.

Acronyms are Used to Identify the Data Set or Information Holding: MRD-155

Describe the Data Set or Information Holding: Ayer, J.A., Thurston, P.C., Bateman, R., Gibson, H.L., Hamilton, M.A., Hathway, B., Hocker, S.M., Hudak, G., Lafrance, B., Ispolatov, V., MacDonald, P.J., P eloquin, A.S., Piercey, S.J., Reed, L.E., Thompson, P.H. and Izumi, H. (authors)

This product published by the Ontario Geological Survey contains data and digital versions of maps from the Discover Abitibi Initiative Greenstone Architecture Project. The following GIS maps are included in this digital release: Map P.3543--Revised (Precambrian Geology of Ben Nevis and Katrine townships), Map P.3544--Revised (Precambrian Geology, parts of Godfrey, Turnbull, Carcallen and Bristol Townships), Map P.3546--Revised (Precambrian Geology, Gauthier Township), Map P.3547--Revised (Precambrian Geology, Parts of Whitney and Hoyle Townships), Map P.3555 (Precambrian Geology, Tisdale Township and Parts of Deloro, Mountjoy and Ogden Townships), Map P.3556 (Precambrian Geology, Parts of Godfrey, Robb, Jamieson, Loveland, Macdiarmid and Thorburn Townships), Map P.3557 (Precambrian Geology of Munro Township), Map P.3558 (Precambrian Geology, Teck Township Transect), OFR 6162 - Metamorphic Map of the Timmins-Kirkland Lake Area, Western Abitibi Greenstone Belt, Lithostratigraphic Assemblage Map of the Abitibi Greenstone Belt Each digital map contains a series of GIS layers where ArcView® shape files display topographic features (rivers, roads, township boundaries, trails, etc.), geological data (faults, folds, lithological units, point outcrops, geochemistry, area outcrops, structural data, etc.), and whenever available, field observation data (location of field stations, samples, structural data, etc.). Legends for each map, in portable document format (PDF), are stored within the respective map directories. To meet the needs of a wide range of users, each map is made available in both ArcGIS® map (MXD) and ArcReader® published map (PMF) file formats. Experienced GIS users can access all shape and map files using ArcGIS® (ArcView®), while users with limited experience with geographical information systems or with limited access to software and hardware may see the PMF files using ArcReader® which is downloadable from ESRI (<http://www.esri.com>).

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

To provide a digital data compilation in GIS format of the different data sets and published maps of the Greenstone Architecture Project - Discover Abitibi Initiative The objective of this product is to collect and disseminate geoscience information for Ontario.

Describe any Restrictions and Legal Prerequisites for Accessing the Data Set (Data Privacy/Security): N/A

Describe any Constraints for Using the Data Set: Any use of the EIP in all languages, formats and media must include an acknowledgement of the MNDM as the source. Reference must be made in the following form: Author(s), Year of publication, EIP title, OGS, EIP number: see example below

Ayer, J.A., Thurston, P.C., Bateman, R., Gibson, H.L., Hamilton, M.A., Hathway, B., Hocker, S.M., Hudak, G., Lafrance, B., Ispolatov, V., MacDonald, P.J., Péroquin, A.S., Piercey, S.J., Reed, L.E., Thompson, P.H. and Izumi, H. 2005. Digital Compilation of Maps and Data from the Greenstone Architecture Project in the Timmins-Kirkland Lake Region: Discover Abitibi Initiative; Ontario Geological Survey, Miscellaneous Release--Data 155

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Time Coverage: July 11, 2005

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

Keywords:

BEDROCK GEOLOGY, GENERAL
COMPUTER MAPPING
DIGITAL DATA
DIGITAL MAPS
GEOCHRONOLOGY
GEOGRAPHIC INFORMATION SYSTEMS
GREENSTONE
MINERAL EXPLORATION
MINISTRY OF NORTHERN DEVELOPMENT AND MINES
ONTARIO GEOLOGICAL SURVEY
PRECAMBRIAN BEDROCK COMPILATION MAPPING

Business Theme:

GEOLOGICAL SURVEY
GEOLOGY

GEOGRAPHIC INFORMATION

Selected geographic type:Bounding Box only

North Bounding Coordinate: 48° 55'
South Bounding Coordinate: 47° 55'
West Bounding Coordinate: -81° 45'
East Bounding Coordinate: -79° 30'

Geographic Completeness: irregular shape-completeness not available

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: +/- 250 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

Time Period Comments:

Name of the Source Data Set:

the Acronyms Used to Identify the Source Data Set:

Describe the Data Source:

Name of the Organization that Create the Source Data Set:

Data Source Type: Digital Map File

Describe for the Source Data Contribution:

Time Period Comments: 2003

Name of the Source Data Set: Bateman, R. 2004. Precambrian geology, parts of Whitney and Hoyle townships; Ontario Geological Survey, Preliminary Map P.3547-Revised, scale 1:10 000

the Acronyms Used to Identify the Source Data Set: P.3547-Revised

Describe the Data Source: ArcGIS® Version 8.3 geodatabases and shape files that represent topographic features and the mapped and compiled geological features.

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Digital Map File

Describe for the Source Data Contribution:

Time Period Comments: 2004

Name of the Source Data Set: Bateman, R. 2005. Precambrian geology of Tisdale township and parts of parts of Deloro, Mountjoy and Ogden townships; Ontario Geological Survey, Preliminary Map P.3555, scale 1:10 000

the Acronyms Used to Identify the Source Data Set: P.3555

Describe the Data Source: ArcGIS® Version 8.3 geodatabases and shape files that represent topographic features and the mapped and compiled geological features.

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Other Compiled Dataset

Describe for the Source Data Contribution: Published Report, tabular data

Time Period Comments: 2003-2004

Name of the Source Data Set: Bateman, R. Ayer, J.A., Dubé, B., and Hamilton, M.A. 2005. The Timmins -Porcupine gold camp, northern Ontario: the anatomy of an Archaean greenstone belt and its gold mineralization: Discover Abitibi Initiative; Ontario Geological Survey, Open File Report

the Acronyms Used to Identify the Source Data Set: OFR 6158

Describe the Data Source: Geochemical analytical database

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Digital Map File

Describe for the Source Data Contribution:

Time Period Comments: 2004

Name of the Source Data Set: Hathway, B. 2005. Precambrian geology, parts of Godfrey, Robb, Jamieson, Loveland, Macdiarmid and Thorburn townships; Ontario Geological Survey, Preliminary Map P.3556, scale 1:20 000.

the Acronyms Used to Identify the Source Data Set: P.3556

Describe the Data Source: ArcGIS® Version 8.3 geodatabases and shape files that represent topographic features and the mapped and compiled geological features.

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Digital Map File

Describe for the Source Data Contribution:

Time Period Comments: 2003

Name of the Source Data Set: Hathway, B. and Hocker, S.M. 2005. Precambrian geology, parts of Godfrey, Turnbull, Carscallen and Bristol townships; Ontario Geological Survey, Preliminary Map P.3544_Revised, scale 1:10 000.

the Acronyms Used to Identify the Source Data Set: P.3544 - Revised

Describe the Data Source: ArcGIS® Version 8.3 geodatabases and shape files that represent topographic features and the mapped and compiled geological features.

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Other Compiled Dataset

Describe for the Source Data Contribution:

Time Period Comments: 2003-2004

Name of the Source Data Set: Hathway, B., Hudak, G. and Hamilton, M.A. 2005. Geological Setting of Volcanogenic Massive Sulphide Mineralization in the Kamiskotia area: Discover Abitibi Initiative. Ontario Geological Survey, Open File Report 6155

the Acronyms Used to Identify the Source Data Set: OFR 6155

Describe the Data Source: Geochemical analytical database

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Digital Map File

Describe for the Source Data Contribution:

Time Period Comments: 2004

Name of the Source Data Set: Ispolatov, V.O. 2005. Precambrian geology of Teck Township transect; Ontario Geological Survey, Preliminary Map P.3558, Scale 1:10 000.

the Acronyms Used to Identify the Source Data Set: P.3558

Describe the Data Source: ArcGIS® Version 8.3 geodatabases and shape files that represent topographic features and the mapped and compiled geological features.

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Digital Map File

Describe for the Source Data Contribution:

Time Period Comments: 2003

Name of the Source Data Set: Ispolatov, V.O. and Lafrance, B. 2005. Precambrian geology of Gauthier Township transect; Ontario Geological Survey, Preliminary Map P.3546-Revised, scale 1:10 000.

the Acronyms Used to Identify the Source Data Set: P.3546-Revised

Describe the Data Source: ArcGIS® Version 8.3 geodatabases and shape files that represent topographic features and the mapped and compiled geological features

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Other Compiled Dataset

Describe for the Source Data Contribution:

Time Period Comments: 2003-2004

Name of the Source Data Set: Ispolatov, V., Lafrance, B., Dubé, B., Hamilton, M.A., and Creaser, R. 2005. Geology, structure, and gold mineralization, Kirkland Lake and Larder Lake areas (Gauthier and Teck townships): Discover Abitibi Initiative. Ontario Geological Survey, Open File

the Acronyms Used to Identify the Source Data Set: OFR 6159

Describe the Data Source: Geochemical Analytical Database

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Other Compiled Dataset

Describe for the Source Data Contribution:

Time Period Comments: 2003-2004

Name of the Source Data Set: MacDonald, P.J., Piercey, S.J. and Hamilton, M.A. 2005. An Integrated Study of Intrusive Rocks Spatially Associated with Gold and Base Metal Mineralization in Abitibi Greenstone Belt, Timmins Area and Clifford Township: Discover Abitibi Initiative; Ontario Geological Survey

the Acronyms Used to Identify the Source Data Set: OFR 6160

Describe the Data Source: Analytical Geochemical database

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Digital Map File

Describe for the Source Data Contribution:

Time Period Comments: 2003

Name of the Source Data Set: Péloquin, A.S. 2005. Precambrian geology of Ben Nevis and Katrine townships; Ontario Geological Survey, Preliminary Map P.3543-Revised, scale 1:20 000.

the Acronyms Used to Identify the Source Data Set: P.3543-Revised

Describe the Data Source: ArcGIS® Version 8.3 geodatabases and shape files that represent topographic features and the mapped and compiled geological features.

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Digital Map File

Describe for the Source Data Contribution:

Time Period Comments: 2004

Name of the Source Data Set: Péloquin, A.S., Houlé, M.G. and Gibson, H.L.

2005. Precambrian geology of Munro Township; Ontario Geological Survey, Preliminary Map P.3557, scale 1:10 000.

the Acronyms Used to Identify the Source Data Set: P.3557

Describe the Data Source: ArcGIS® Version 8.3 geodatabases and shape files that represent topographic features and the mapped and compiled geological features.

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Satellite Image

Describe for the Source Data Contribution:

Time Period Comments: 2003-2004

Name of the Source Data Set: Péloquin, A.S., Houlé, M.G. and Gibson, H.L.

2005. Geology of the Kidd-Munro assemblage in Munro Township, and the Tisdale and Lower Blake River assemblages in Currie Township: Discover Abitibi Initiative. Ontario Geological Survey, Open File Report 6157.

the Acronyms Used to Identify the Source Data Set: OFR 6157

Describe the Data Source: Analytical Geochemical database

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Other Compiled Dataset

Describe for the Source Data Contribution:

Time Period Comments:

Name of the Source Data Set: Péloquin, A.S. and Piercey, S.J. 2005. Geology and base metal mineralization in Ben Nevis, Clifford and Katrine townships: Discover Abitibi Initiative; Ontario Geological Survey, Open File Report OFR 6161.

the Acronyms Used to Identify the Source Data Set: OFR 6161

Describe the Data Source: Analytical Geochemical database

Name of the Organization that Create the Source Data Set: MERC (Mineral Exploration Research Centre) - Laurentian University, Ontario Geological Survey

Data Source Type: Other Compiled Dataset

Describe for the Source Data Contribution:

Time Period Comments: 2004

Name of the Source Data Set: Thompson P.H. 2005. A New Metamorphic Framework for Gold Exploration in the Timmins-Kirkland Lake Area, Western Abitibi Greenstone Belt: Discover Abitibi Initiative; Ontario Geological Survey Open File Report 6162

the Acronyms Used to Identify the Source Data Set: OFR 6162

Describe the Data Source: Analytical Geochemical Database

Name of the Organization that Create the Source Data Set: Peter H. Thompson Geological Consulting Ltd., Ontario Geological Survey

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Methods : CD-ROM