

# MRD377 METADATA

## GENERAL INFORMATION

### Title

Geological, Geochemical, Geophysical and Geochronological Data Related to Marion and Mallard Townships and Part of Genoa Township, Swayze Area, Southern Abitibi Greenstone Belt

### Alternate Title

MRD377

### Author(s)

Gemmell, T.P. and Szumylo, N.

### Date of Publication

September 29, 2020

### Abstract

This digital data release contains field data, field photographs, whole-rock geochemical data, geochronological information, and magnetic susceptibility data related to 1:20,000 scale mapping of the Mallard and Marion townships and part of Genoa Township in the southeastern Swayze area (Project NE-18-002) during the summer of 2018. This release comprises 131 photographs (as *.jpg* files), 7 Microsoft® Excel® for Office 365 (*.xlsx*) workbook files and 4 documents in portable document format (*.pdf*). Also included, in portable document format (*.pdf*), are 2 previously published *Summary of Field Work* articles and 1 poster presentation to the public related to the project. These data augment Preliminary Map P.3827, *Precambrian Geology of Marion and Mallard Townships and Part of Genoa Township, Southeastern Swayze Area, Abitibi Greenstone Belt, Northeastern Ontario*; the geological legend for the map is also provided.

The following publications are associated with this publication: P3827

Additional information can be found within a readme file provided with the product.

### Purpose or Objective

The objectives for the Mallard, Marion and part of Genoa townships bedrock geology project, which is part of a multi-year, 1:20,000 scale project to update the geology of the southern Swayze area, are to 1) confirm and refine the metavolcanic and metasedimentary stratigraphy presented by Heather (2001), Siragusa (1980) and Goodwin (1962); and 2) examine and document the relationship of the surrounding granitoid complexes (i.e., the Kenogamissi Batholith) to the supracrustal rocks of the southern Swayze area of the Abitibi greenstone belt.

The Marion, Mallard and part of Genoa Townships Map P.3827 and MRD 377 are the third set of many 1:20,000 scale maps and MRDs to be produced in the coming years for the southern Swayze area.

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

### Keywords

Geological Survey  
Geology

Ministry of Energy, Northern Development and Mines  
ENDM  
Ministry of Northern Development and Mines  
MNDM  
Ontario Geological Survey  
OGS  
Miscellaneous Release—Data  
MRD  
Archean Bedrock Geology  
Superior Province (Geological)  
Abitibi Subprovince (Geological)  
Field Data  
Geochronology  
Zircon  
Uranium/Lead (U/Pb)  
Geophysics, General  
Bedrock Geochemistry  
Major Elements  
Trace Elements  
Rare Earth Elements (REE)

**Business Themes**

Geological Survey  
Geology

**GEOGRAPHIC INFORMATION**

**Geographic bounding box (decimal degrees)**

<b>North bounding latitude:</b>	47.8431°
<b>West bounding longitude:</b>	-82.3442°
<b>East bounding longitude:</b>	-82.1339°
<b>South bounding latitude:</b>	47.6703°

**Description of Completeness:** irregularly shaped study area - completeness not available

**MAPPING INFORMATION:**

<b>Grid Coordinate System Used:</b>	Universal Transverse Mercator
<b>Map Projection:</b>	Transverse Mercator
<b>Horizontal Geodetic Datum:</b>	NAD83
<b>Vertical Datum:</b>	Not Applicable
<b>Horizontal Position Accuracy of Features:</b>	Precise ±5 m
<b>Vertical Position Accuracy of Features:</b>	Not Applicable

**DATA SOURCE INFORMATION**

**Data Source Type and Description**

Includes Bibliographic Information: Product includes references to other sources of information

### **Data Source Type and Description**

Direct Field Collection: Field work conducted from May to August 2018.

**Current Status of the Data:** Complete

**Frequency of Changes or Additions to be made to the Data:** Not Planned

## **CONSTRAINTS FOR USING THE DATA**

### **Abbreviated Terms of Use.**

**“Content” and/or “Electronic Information Product” (EIP) and its Content:** This Content and/or EIP and its Content is offered by the Province of Ontario's Ministry of Energy, Northern Development and Mines (ENDM) as a public service, on an 'as-is' basis. Recommendations and statements of opinions expressed are those of the author or authors and are not to be construed as statement of government policy. You are solely responsible for your use of the Content and/or EIP and its Content. You should not rely on the Content for legal advice nor as authoritative in your particular circumstances. Users should verify the accuracy and applicability of any Content before acting on it. ENDM does not guarantee, or make any warranty express or implied, that the Content is current, accurate, complete or reliable or that the EIP is free from viruses or other harmful components. ENDM is not responsible for any damage however caused, which results, directly or indirectly, from your use of the Content and/or the EIP and its Content. ENDM assumes no legal liability or responsibility for the Content and/or the EIP and its Content whatsoever.

**Copyright:** Canadian and international intellectual property laws protect the Content and the EIP and its Content. Unless otherwise indicated, copyright is held by the Queen's Printer for Ontario.

It is recommended that reference to the Content be made in the following form:

Gemmell, T.P. and Szumylo, N. 2020. Geological, geochemical, geophysical and geochronological data related to Marion and Mallard townships and part of Genoa Township, Swayze area, southern Abitibi greenstone belt; Ontario Geological Survey, Miscellaneous Release—Data 377.

ISBN 978-1-4868-4645-0 (CD) ISBN 978-1-4868-4646-7 (zip file)

**Use and Reproduction of Content:** The Content and/or the EIP and its Content may be used and reproduced only in accordance with applicable intellectual property laws. Non-commercial use of unsubstantial excerpts of the Content is permitted provided that appropriate credit is given and Crown copyright is acknowledged. Any substantial reproduction of the Content or any commercial use of all or part of the Content is prohibited without the prior written permission of ENDM. Substantial reproduction includes the reproduction of any illustration or figure, such as, but not limited to graphs, charts and maps. Commercial use includes commercial distribution of the Content, the reproduction of multiple copies of the Content for any purpose whether or not commercial, use of the Content in commercial publications, and the creation of value-added products using the Content.

The complete and entire Terms of Use Agreement may be viewed at [Terms of Use](#)

## **DISTRIBUTION INFORMATION**

### **General Distribution Information**

This publication can be ordered from our office (see “Contact Information”) or downloaded from GeologyOntario: [Miscellaneous Release—Data MRD377](#)

**Applicable Distribution Fees and Payment Options**

Contact the Ministry of Energy, Northern Development and Mines Publication Sales Office regarding the most recent pricing (see "Contact Information" section).

If ordering by mail, fax or E-mail: please call ahead to confirm shipping charge.

**The Language in which Data are Distributed:** English

**CONTACT INFORMATION**

**(GENERAL CONTACT; DISTRIBUTOR / PUBLISHER CONTACT; METADATA CUSTODIAN / CONTACT; AUTHOR - ORIGINATOR / DATA SET CUSTODIAN)**

Ministry of Energy, Northern Development and Mines Publication Sales,

933 Ramsey Lake Road, Sudbury Ontario, CANADA P3E 6B5

Telephone voice business 705 670-5691; Telephone fax 705 670-5770

Toll Free in Canada and United States 1-888-415-9845 x5691

E-mail: [pubsales.ndm@ontario.ca](mailto:pubsales.ndm@ontario.ca)

**METADATA**

**Date of this Metadata Description:** September 29, 2020