

# MRD393-REV METADATA

## GENERAL INFORMATION

### Title

Geological, Geochemical and Geophysical Data Related to Reeves and Sewell Townships, Northern Swayze Area, Abitibi Greenstone Belt, Northeastern Ontario

### Alternate Title

MRD393-REV

### Author(s)

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### Date of Publication

October 1, 2021

### Abstract

This digital data release contains field data, field photographs, whole-rock geochemical data, geochronology information, and magnetic susceptibility data related to 1:20,000 scale mapping of Reeves and Sewell townships, northeastern Swayze area (Project NE-19-002) collected during the 2018 and 2019 summer field seasons. This revision provides an additional 21 element analyses for 9 samples and omits unreliable Rh data from the analysis of samples collected in 2019 for this project. Also included is the previously published *Summary of Field Work and Other Activities* article related to the project. This release comprises 104 photographs (as .jpg files), 8 Microsoft® Excel® for Office 365 (.xlsx) workbook files and 7 documents in portable document format (.pdf). These data augment Preliminary Maps P.3847, *Precambrian Geology of Reeves Township, Northern Swayze Area, Abitibi Greenstone Belt, Northeastern Ontario*, and P.3848, *Precambrian Geology of Sewell Township, Northern Swayze Area, Abitibi Greenstone Belt, Northeastern Ontario*; the geological legend for the maps is also provided.

The following publications are associated with this publication: MRD393, P3847, P3848.

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

### Purpose or Objective

The 1:20,000 scale geological bedrock mapping of Reeves and Sewell townships is part of a multiyear project to re-examine the geology of the northeastern Swayze area of the Abitibi greenstone belt. The objectives of the 2018–2019 bedrock mapping were to 1) re-examine and update bedrock geology maps in the area; 2) correlate the chronostratigraphic episodes (assemblages) of the northeast Swayze area with the rest of the Abitibi greenstone belt using litho-geochemistry and U/Pb geochronology; 3) identify structural features within the area that could represent the western extension of the Porcupine–Destor deformation zone; and 4) identify geologically favourable areas for mineral exploration.

The Reeves and Sewell townships area maps are the final two of four 1:20,000 scale maps to be produced in the northeastern Swayze area. The other 2 maps cover Kenogaming and Penhorwood townships, OGS Maps P.3841 and P.3842, respectively.

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

**Keywords**

Geological Survey  
Geology  
Ministry of Northern Development, Mines, Natural Resources and Forestry  
NDMNRF  
Ontario Geological Survey  
OGS  
Miscellaneous Release—Data  
MRD  
Bedrock Geology, General  
Field Data  
Lithogeochemistry  
Geophysics, General  
Abitibi Subprovince (Geological)  
Archean Bedrock Geology  
Geochronology  
Geochemistry, General

**Business Themes**

Geological Survey  
Geology

**GEOGRAPHIC INFORMATION**

**Geographic bounding box (decimal degrees)**

<b>North bounding latitude:</b>	48.3216°
<b>West bounding longitude:</b>	-82.2116°
<b>East bounding longitude:</b>	-81.8569°
<b>South bounding latitude:</b>	48.1897°

**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 (bedrock mapping) conducted from May to August 2018 and from May to June 2019.

**Current Status of the Data:** Complete

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

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

## **CONTACT INFORMATION**

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## **METADATA**

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