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Vice, L.E.D. and MacDonald, P.J. 2021. Precambrian geology of Sewell Township, northern Swayze area, Abitibi greenstone belt, northeastern Ontario; Ontario Geological Survey, Preliminary Map P.3848, scale 1:20 000.

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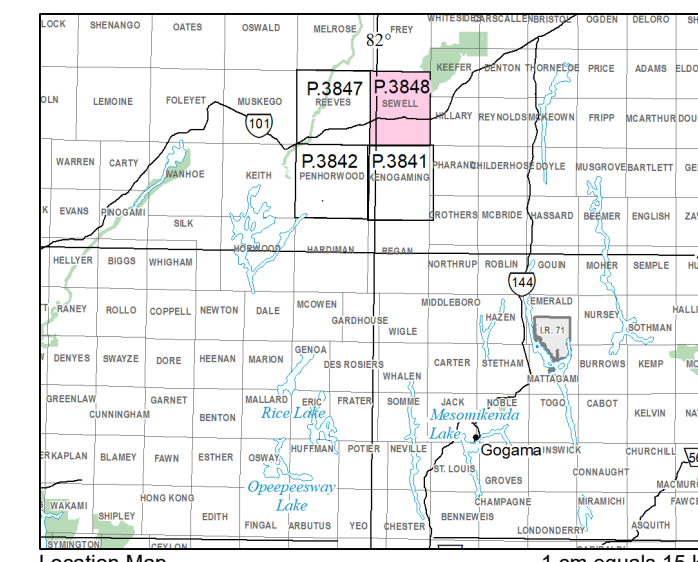


PRECAMBRIAN GEOLOGY
NORTHERN SWAYZE AREA
ABITIBI GREENSTONE BELT
NORTHEASTERN ONTARIO

Scale 1:20 000

0 0.5 1 km

NTS Reference: 42 A4, 5 B1, 8
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SOURCES OF INFORMATION

Digital base map information derived from the Land Information Ontario Data Warehouse...
Mapping conducted using Universal Transverse Mercator (UTM) coordinates in North American Datum 1983 (NAD83), Zone 17.
Geophysical data from:
Ontario Geological Survey 2003, Ontario airborne geophysical surveys, magnetic and electromagnetic, grid and profile data (ASCII format), North Swayze-Moncton area, Ontario Geological Survey, Geophysical Data Set 1005.
GFG Resources Inc. 2018, GFG geophysical survey outlines, prospective corridors at the New Gold Project west of Timmins, Ontario, press release, May 24, 2018.
GFG Resources Inc. 2020, GFG returns multiple zones of high-grade gold mineralization at the NDM Target, New Gold Project west of Timmins, Ontario, press release, January 8, 2020.
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Assessment files, Resident Geologist's office, Timmins.
Ayer, J.A. 1995, Precambrian geology, northern Swayze greenstone belt, Ontario Geological Survey, Map 2627, scale 1:50 000.
Heather, K.B. 2001, The geological evolution of the Archaean Swayze greenstone belt, Superior Province, Canada, unpublished Ph.D. thesis, Keele University, Keele, Staffordshire, United Kingdom, 370p.
Mihv, V.G. 1972, Geology of the Kuluhat-Sewell Lake area, District of Sudbury, Ontario Division of Mines, Geological Report 87, 116p.
Ontario Geological Survey 2021, Mineral Deposit Inventory, Ontario Geospatial Data Set 1005.
Geochronology data from:
Bleeker, W., Kamo, S.L., Ames, D.E. and Davis, D.W. 2015, New field observations and U-Pb ages in the Sudbury area: Toward a detailed cross-section through the deformed Sudbury Structure in Targeted Geoscientific Information 4: Canadian Nickel-Copper-Platinum Group Elements-Chromium Ore Systems - Fertility, Pathfinder, New and Revised Models, Geological Survey of Canada, Open File 695, p.151-156.
Krogh, T.E., Corfu, F., Davis, D.W., Bunting, G.R., Heaman, L.M., Kamo, S.L., Macdonald, N., Gerning, J.D. and Nakamura, E. 1987, Precise U-Pb isotopic ages and mineralogical data on ultramafic rocks using trace amounts of bastnaesite and zircon in the Mafic Dike Swarms, Geological Association of Canada, Special Paper 34, p.147-152.
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Sutcliffe, C.N. and Davis, D.W. 2019, Part B: U-Pb geochronology by LA-ICP-MS for samples from northern Ontario, Year 6, 2019-2019, internal report for the Ontario Geological Survey, Jack Satterly Geochronology Laboratory, University of Toronto, Toronto, Ontario, 146p.
Other:
Gemmel, T.P. and Macdonald, P.J. 2017, Precambrian geology of the 'Yeo and Chester basins' area, Chertic intrusive complex, southern Abitibi greenstone belt, Ontario Geological Survey, Preliminary Map P.3817, scale 1:20 000.
Gemmel, T.P., Sarmylo, N. and Mowbray, A.B. 2018, Precambrian geology of the Ousey and Muller basins areas, Ousey basin, southern Abitibi greenstone belt, Ontario Geological Survey, Preliminary Map P.3842, scale 1:20 000.
Macdonald, P.J., Blanton, J.M. and Gemmel, T.P. 2018, Precambrian geology of the Ousey and Muller basins areas, Ousey basin, southern Abitibi greenstone belt, Ontario Geological Survey, Preliminary Map P.3815, scale 1:20 000.
Macdonald, P.J., Vice, L.E.D. and Blanton, J.M. 2020, Precambrian geology of the Honeymoon Township, northern Swayze area, Abitibi greenstone belt, northeastern Ontario, Ontario Geological Survey, Preliminary Map P.3842, scale 1:20 000.
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Vice, L.E.D. and Macdonald, P.J. 2021, Precambrian geology of the Reeves Township, northern Swayze area, Abitibi greenstone belt, northeastern Ontario, Ontario Geological Survey, Preliminary Map P.3847, scale 1:20 000.
Geology not tied to surveyed lines.
Magnetic declination for centre of map area approximately 9°33' West in January 2021, with an annual change of 1.4' east, and was calculated using the International Geomagnetic Reference Field (IGRF-12, version May 2015).
Metric conversion factor 1 foot = 0.3048 m.

ABBREVIATIONS

Table with 2 columns: Abbreviation and Element Name. Includes Ag (silver), Au (gold), Cu (copper), Ni (nickel), Pt (palladium), Pb (lead), Zn (zinc), etc.

OCURRENCES

Table with 7 columns: Number, Occurrence and MDI Number, Classification, Commodity, Best Historical Value, Host Rock, Easting (m), Northing (m), Source. Lists various mineral occurrences with their locations and details.

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LEGEND and SYMBOLS section containing various geological symbols and their corresponding descriptions for different rock types and features.

ABBREVIATIONS section containing a list of chemical elements and their abbreviations used in the map.

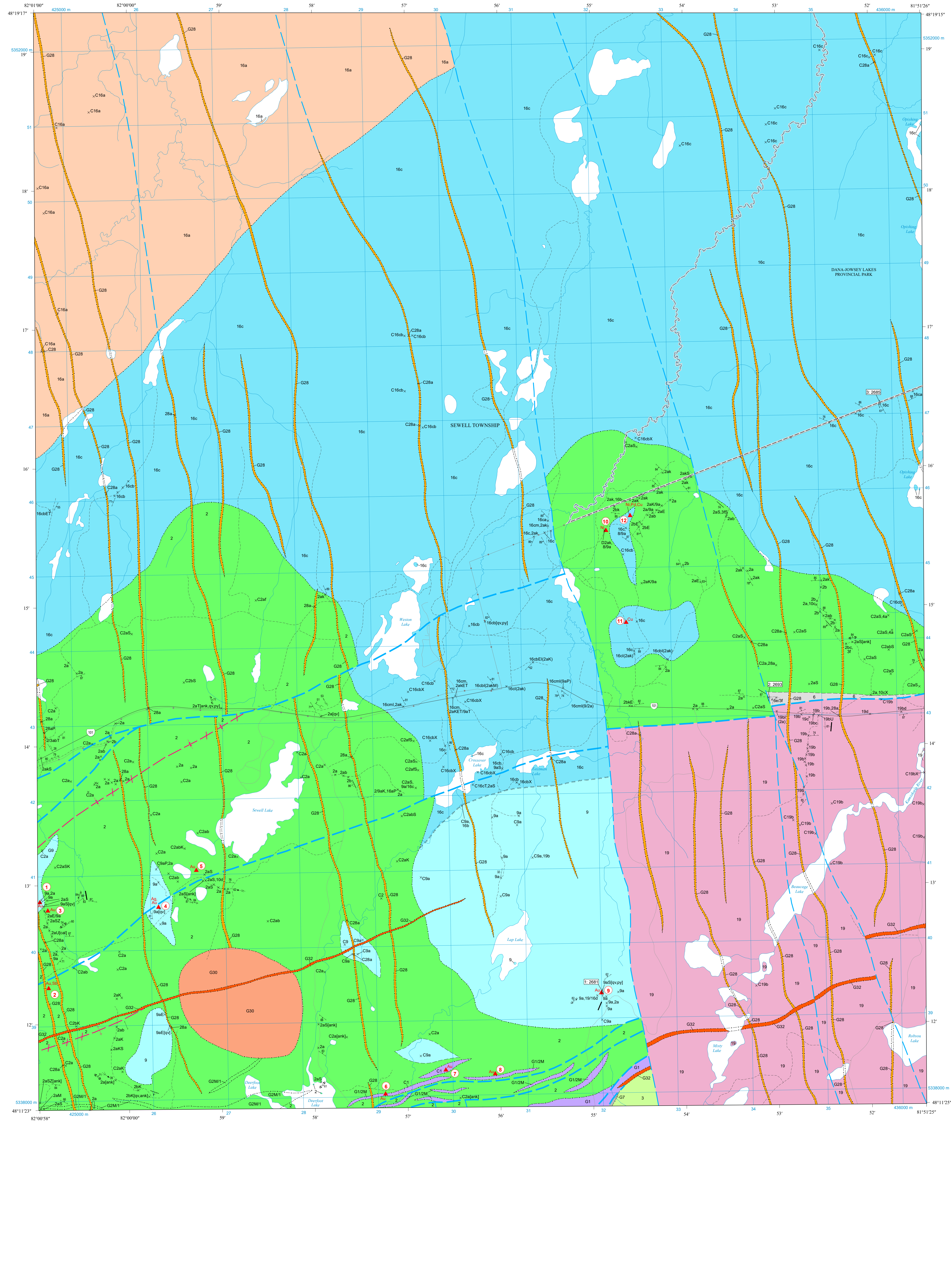
OCURRENCES section containing a table of mineral occurrences with their locations and details.

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Footnote text at the bottom of the page providing additional information and references.