### WHAT THIS INDEX PROVIDES

This index shows all maps published by the Ontario Geological Survey between 1991 and 2020 that pertain to surficial geology, industrial minerals and aggregate resources. (Maps published in 1991 or earlier, which were not included on previous index maps, are also shown on this

Maps on this index cover the following topics:

## SURFICIAL GEOLOGY AND RELATED STUDIES

General Quaternary geology Drift thickness Bedrock topography Engineering geology Physiography

MINERAL RESOURCES Exploration data

MISCELLANEOUS Remote sensing analysis

\*Note: most recent publications pertaining to aggregate resources are reports and accompanying maps of the *Aggregate Resources Inventory* Paper series (reports and accompanying maps are not shown on this index). Refer to Miscellaneous Paper 177, Miscellaneous Paper 178, their supplements, and *GeologyOntario*.

The maps indexed here have been produced by the Ontario Geological Survey, and comprise the following series.

The Open File Map series was initiated in 1985 but was discontinued in 1994. These maps were intended for rapid release and were issued without editing.

### P Series The Preliminary Map series is intended for rapid release of information; maps in this series have not been subject to a rigorous edit. These

maps generally show preliminary results from a season of research in an area. This series has been produced since 1956. Prior to 1995, these maps were usually uncoloured; they are now produced in colour.

This series of coloured maps has been produced since 1961 and presents the final results of geologic investigations of specific areas. Most accompany a final published report.

## FOR MORE INFORMATION ABOUT PUBLISHED MAPS

The Index to Published Reports and Maps, 1891 to 1992 (Miscellaneous Paper 177) provides a comprehensive listing of all publications of the Mines and Minerals Division and its predecessor organizations from 1891 to 1992. Publications are listed by publication series and author. The *Index to* Published Reports, Maps and Digital Data, 1993 to 2010 (Miscellaneous Paper 177 (Supplement 1993–2010)) is a supplement to Miscellaneous Paper 177 that provides a complete list of publications, including digital data, published from 1993 to the end of 2010, and is updated by annual supplements provided in digital format. Miscellaneous Paper (MP) 177, Miscellaneous Paper 177 (Supplement 1993–2010) and the most current update Miscellaneous Paper 177 (Supplement 2011–2020) are available on the Mines and Minerals Division Web site at https://www.geologyontario.mndm.gov.on.ca/mines/ogs/indexes/maps\_e.html.

The Geographic Index to Published Reports and Maps, 1891 to 1993 (Miscellaneous Paper 178) provides a listing, organized by geographic area, of all publications of the Mines and Minerals Division and its predecessor organizations from 1891 to 1993. The **Geographic Index to** Published Reports, Maps and Digital Data, 1994 to 2010 (Miscellaneous Paper 178 (Supplement 1994–2010)) is a supplement to Miscellaneous Paper 178 that provides a complete list of publications, including digital data, published from 1994 to the end of 2010, and is updated by annual supplements provided in digital format. Publications are indexed by geographic area: National Topographic System (NTS) areas, geographic townships and Ministry of Natural Resources and Forestry (MNRF) areas. Miscellaneous Paper (MP) 178, Miscellaneous Paper 178 (Supplement 1993–2010) and the most current update Miscellaneous Paper 178 (Supplement 2011–2020) are available on the Mines and Minerals Division Web site at https://www.geologyontario.mndm.gov.on.ca/mines/ogs/indexes/

GeologyOntario, at https://www.geologyontario.mndm.gov.on.ca, is the Mines and Minerals Division online data warehouse that allows users to query geoscience data through spatial and/or attribute search functions and provides free downloads of Ontario Geological Survey geoscience publications.

Digital versions of maps and reports are available for downloading free of charge from GeologyOntario. In cases where the file size is prohibitive for downloading, please contact Publication Sales (see below) and a CD

All Mines and Minerals and Ontario Geological Survey publications are available for sale and for viewing at:

John B. Gammon Geoscience Library, Willet Green Miller Centre,

covered by the publication

Mail, fax, e-mail and telephone orders should be directed to Publication Sales, Sudbury (see address below).

price, including applicable taxes, and amount of shipping charges. Purchases may be made using cash, debit card, VISA, MasterCard, cheque or money order. Cheques or money orders should be made

Willet Green Miller Centre 933 Ramsey Lake Road, Level A3

Sudbury, ON P3E 6B5 Tel: 1-888-415-9845 (toll-free inside Canada and the United States) Tel: (705) 670-5691 (local calls)

## E-mail: pubsales.ndm@ontario.ca

Survey through our Publications Release Notice, which is available in English and French, and distributed primarily through the Mines and Minerals Division Web site at https://ontario.ca/ddey. If you wish to receive notification of publication releases by e-mail, please contact the Publication Sales office.

## **ABBREVIATIONS**

AC	Map accompanies a re
BRiM	Funded under the Black River–Matheson pro
	Minor bedrock topography / bedrock geology inclu
	Map is full co
CN	Funded and/or authored by, and also available fr
	the Geological Survey of Can
COMDA	Funded under the Canada-Ontario 1
	Mineral Development Agreem
DAI	Funded under the Discover Abitibi Initia
FNGMI	Funded under the Far N
	Geological Mapping Initia
KLIP	Funded under the Kirkland Lake Initiatives Progr
M	Map is monochrome (black and white / red and wh
	Minor mineral deposit data inclu
MN	Includes marginal no
MRD	Miscellaneous Release—D
NODA	Funded under the Northern Ontario Development Agreem
OFR	Open File Re
PZ	Minor Paleozoic geology inclu
TA	Map depicts 2 or more areas and/or insets; the scale gi
	is that of the area most prominently displayed cortographic

## P Series

Map No.	Scale	Year	Description	Related Publication(s)	Notes	
P.3234	1:50 000	1993	Umfreville Lake Area		M, supersed	
P.3266	1:50 000	1994	Lennan Lake Area		by Map 2548 M, supersed	
	1.00 000		Edition Edito / II da		by Map 254	
P.3417	1:100 000	1999	Gold Grains in Till, Western Shebandowan		C, MN	
P.3495	1:100 000	2002	Satellite Image Map, Carroll Lake Northeast	MRD 117	C, MN	
P.3496	1:100 000	2002	Satellite Image Map, Trout Lake Northwest	MRD 117	C, MN	
P.3497	1:100 000	2002	Satellite Image Map, Trout Lake Northeast	MRD 117	C, MN	
P.3498	1:100 000	2002	Satellite Image Map, Lake St. Joseph Northwest	MRD 117	C, MN	
P.3499	1:100 000	2002	Satellite Image Map, Lake St. Joseph Northeast	MRD 117	C, MN	
P.3500	1:100 000	2002	Satellite Image Map, Miminiska Lake Northwest	MRD 117	C, MN	
P.3501	1:100 000	2002	Satellite Image Map, Miminiska Lake Northeast	MRD 117	C, MN	
P.3502	1:100 000	2002	Satellite Image Map, Fort Hope Northwest	MRD 117	C, MN	
P.3503	1:100 000	2002	Satellite Image Map, Carroll Lake Southeast	MRD 117	C, MN	
P.3504	1:100 000	2002	Satellite Image Map, Trout Lake Southwest	MRD 117	C, MN	
P.3505	1:100 000	2002	Satellite Image Map, Trout Lake Southeast	MRD 117	C, MN	
P.3506	1:100 000	2002	Satellite Image Map, Lake St. Joseph Southwest	MRD 117	C, MN	
P.3507	1:100 000	2002	Satellite Image Map, Lake St. Joseph Southeast	MRD 117	C, MN	
P.3508	1:100 000	2002	Satellite Image Map, Miminiska Lake Southwest	MRD 117	C, MN	
P.3509	1:100 000	2002	Satellite Image Map, Miminiska Lake Southeast	MRD 117	C, MN	
P.3510	1:100 000	2002	Satellite Image Map, Fort Hope Southwest	MRD 117	C, MN	
P.3610	1:1 000 000	2009	Flow Indicator Map Far North of Ontario		C, MN	
P.3722	1:100 000	2015	Miminiska Lake Area Northeast	P.3625 to P.3758, P.3767	C, MN	
P.3723	1:100 000	2014	Fort Hope Area Northwest	P.3625 to P.3758, P.3767	C, MN	
P.3724	1:100 000	2013	Fort Hope Area Northeast	P.3625 to P.3758, P.3767	C, MN	
P.3735	1:100 000	2015	Fort Hope Area Southwest	P.3625 to P.3758, P.3767	C, MN	
P.3736	1:100 000	2013	Fort Hope Area Southeast	P.3625 to P.3758, P.3767	C, MN	
P.3744 P.3767	1:100 000 1:100 000	2013 2013	Nakina Area Northeast Nakina Area South	P.3625 to P.3758, P.3767 P.3625 to P.3758	C, MN C, MN	

## 2000 Series

Мар No.	Scale	Year	Description	Related Publication(s)	Notes
2535	1:100 000	1991	Beardmore–Geraldton Area		C, CN, COMDA MN, TA
2547	1:50 000	1999	Lennan Lake Area	OFR 5980, Map 2548	C, AC, supersed P.3266
2548	1:50 000	1999	Umfreville Lake Area	OFR 5980, Map 2547	C, AC, supersed P.3234
2554	1:1 000 000	1991	Quaternary Geology of Ontario, West-Central Sheet	Special Volume 4	С
2555	1:1 000 000	1991	Quaternary Geology of Ontario, East-Central Sheet	Special Volume 4	С
2570	1:50 000	2001	Rainy River Area	Report 286, Maps 2571 and 2572	C, NODA, AC, supersedes P.3
2571	1:50 000	2001	Emo Area	Report 286, Maps 2570 and 2572	C, NODA, AC, supersedes P.3
2572	1:50 000	2001	Northwest Bay Area	Report 286, Maps 2570 and 2571	C, NODA, AC, supersedes P.3
2678	1:50 000	2006	Castlebar Lake–Pagwachuan Lake Area		c '
2680	1:50 000	2009	Marathon Area	Maps 2681 to	С

### HOW TO OBTAIN MAPS

or DVD with the digital file(s) will be sent to you for the fee that is normally

charged for this medium.

Regional Mines and Minerals office(s) responsible for the area

### Regional Mines and Minerals offices sell ministry publications that report on work performed in their region. Publications of province-wide interest are available at all sales outlets.

## By Phone, Fax, or E-Mail

If you are ordering by mail or by fax, please call to confirm the publication payable to the *Minister of Finance*.

**Publication Sales** Ministry of Energy, Northern Development and Mines

# Fax: 1-877-670-1444

You can learn of new maps and reports released by the Ontario Geological

ACMap accompanies a	report
BRiMFunded under the Black River-Matheson p	roject
BTMinor bedrock topography / bedrock geology inc	
CMap is full of	colour
CNFunded and/or authored by, and also available	from,
the Geological Survey of Ca	anada
COMDAFunded under the Canada-Ontario	1985
Mineral Development Agree	ement
DAIFunded under the Discover Abitibi Ini	tiative
FNGMIFunded under the Far	North
Geological Mapping Ini	tiative
KLIPFunded under the Kirkland Lake Initiatives Pro	gram
MMap is monochrome (black and white / red and	white)
MDMinor mineral deposit data inc	luded
MNIncludes marginal	notes
MRDMiscellaneous Release-	-Data
NODAFunded under the Northern Ontario Development Agree	ement
OFROpen File F	
PZMinor Paleozoic geology inc	
TAMap depicts 2 or more areas and/or insets; the scale	given
is that of the area most prominently displayed cartograph	nically
is the second of	



Ontario Geological Survey

INDEX TO MAPS

## SURFICIAL GEOLOGY

1991–2020

WEST-CENTRAL SHEET

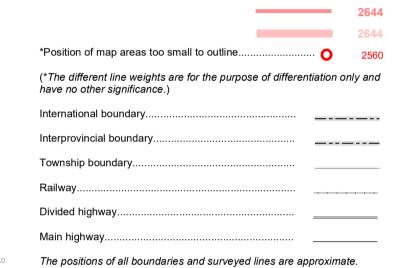
© Queen's Printer for Ontario, 2021. This map is published with the permission of the Director, Ontario



1 cm equals 250 km

\*Outline of map area.....

## SYMBOLS



## SOURCES AND CREDITS

The outline of each map represents the area of survey coverage. The outlines were determined from the geographic co-ordinates (latitude, longitude) printed on the maps. In some cases, discrepancies are evident between these positions and the topographic base for the index map. These are mainly due to inaccuracies in earlier base maps.

To expedite publication, a limited editorial review has been performed. Discrepancies may occur for which the Ontario Ministry of Energy, Northern Development and Mines does not assume liability. You may wish to verify critical information. The Ministry would appreciate notification of errors or omissions. Please write to

Ministry of Energy, Northern Development and Mines 933 Ramsey Lake Road, Level A3 Sudbury, ON P3E 6B5 Index map compilation and editing by Publication Services Unit,

Publication Services Unit Ontario Geological Survey

Ontario Geological Survey. Map outlines compilation by J. Rose.

Cartographic production by J. Rose.

Parts of this publication may be quoted if credit is given. It is recommended

LAKE

**SUPERIOR** 

that reference to this publication be made in the following form: Ontario Geological Survey 2021. Index to maps, surficial geology 1991–2020, west-central sheet; Ontario Geological Survey, Index Maps, scale 1:1 000 000.

Users of OGS products should be aware that Indigenous communities may have Aboriginal or treaty rights or other interests that overlap with

areas of mineral potential and exploration.