



City of Greater Sudbury

Official Plan

Flexible | Balanced | Sustainable

Sept. 22, 2023

Schedule 5

Natural Heritage

Legend

Municipal Boundary

Surfacewater and wetlands within this area were digitized from 2003 ortho-rectified aerial photographs by City staff

Transportation Network

Provincial Highway

Road Network

Private Road

Railway

Water Features

Lake

River

Wetland

Provincially Significant Wetland (PSW)

Sites of Geological Interest

Candidate Provincial Area of Natural and Scientific Interest (ANSI)

Candidate Regional or Local ANSI

Other Site of Geological Interest

Significant Wildlife Habitats

Great Blue Heron Nesting Site/Colony

Osprey Nesting Site

Moose Late Wintering Area

Aquatic and Wetland Features

Lake Trout Lake

Significant Fish Habitats

Brook Trout Spawning Area

Lake Trout Spawning Area

Walleye Spawning Area

This map must be read in conjunction with the Official Plan text. No part of this map may be reproduced in any format without the written consent of the City of Greater Sudbury. For additional information, clarification or inquiries, please contact the Planning Services Division, Growth and Development Department, City of Greater Sudbury.

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1:100,000

0

3

6

12

18

24

km

Geological Sites of Interest	Information Sources				Candidate prov significant ANSI (Kor 2004)	Candidate regional or local significant ANSI (Kor 2004)
	OMNR 1975	OMNR 1997	Gallie et al 1995	Kor 2004		
Anthraxolite Vein	x	x				
Bailey Corners Glacial Striae	x	x				
Capreol Delta		x	x			
Chelmsford - Chelmsford Formation				x		x
Denison - Aphebian Formations						x
Dowling - Onwatin Formation		x		x	x	
Drury Bedrock Formations						x
Elsie Mountain Formation				x		x
Graham - Copper Cliff Formation		x		x	x	
Graham - Stobie Formation						x
Hammer Ice Contact Delta		x	x(Capreol)			
Kelly Lake Shatter Cones	x	x		x	x	
Larchwood - Chelmsford Formation		x		x	x	
Laurentian University - Sudbury Breccia				x		x
Levack Astrobleme						x
Lively - Elsie Mountain Formation		x		x	x	
Louise - Aphebian Formations						x
McCrea Heights - South Range Norite		x		x	x	
Murray Mine Discovery Site	x	x				x
Naughton A - Pecors Formation		x		x	x	
Naughton B- Ramsey Lake Formation		x		x	x	
Nelson River Delta		x	x			
Onaping River Delta			x			
Onaping Formation		x		x	x	
Onaping - Sudbury Nickel Irupive		x		x	x	
Ramsey Lake Shatter Cones		x		x		x
Robinson Lake - Ramsey Lake Pecors Formation		x		x		x
Sandcherry Creek Delta			x			
Seal Lake Moraine/Delta Complex		x				
Serpent Gowganda Formation						x
Sudbury Airport Glacial Lake & Sand Delta	x	x	x	x		
Sudbury Airport Kettles	x	x		x	x (proposed)	
Sudbury A - Norite		x			x	
Sudbury B - Norite		x		x	x	
Sudbury Treeless Area		x				
Vermilion River - Chelmsford Formation				x		x

Gallie, E.A., A. Lampinen, and K. Rukholm. 1995. A Study of Selected Glacial Landforms of the Sudbury Basin. Report for the Ontario Ministry of Natural Resources, Parks Ontario, Central Region, Sudbury, Ontario. Centre in Mining and Mineral Exploration Research, Laurentian University, Sudbury, Ontario. 44 p. + maps.

Kor, P. 2004. Personal Communication. Senior Conservation Geologist, Ontario Parks, Peterborough, Ontario. From an email with attached maps received December 8, 2003 and from an email with attached information sheets received April 15, 2004. Information sheets included selections from Ontario Nature Reserve Program Environmental Data Cards, Earth Science Inventory Checklist and Natural Area Database.

OMNR (Ontario Ministry of Natural Resources). 1975. Northeastern Region - Sensitive Area Report.

OMNR (Ontario Ministry of Natural Resources). 1997. Natural Resources Values Maps and Accompanying Information for Determining Application of the Provincial Policy Statement under the Planning Act. Sudbury District OMNR. Unpublished.