

**Assessment Report Map # 11
Bedrock Geology**

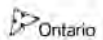
This publication was produced by:

Lakehead Region Conservation Authority (LRCA)
130 Conservation Road
Thunder Bay, ON, P7B 6T8
807-344-5857

© 2011 Lakehead Region Conservation Authority.
All Rights Reserved.

Base data supplied, under licence, by members of the Ontario
Geospatial Data Exchange. Map produced in co-operation
with the Province of Ontario.

This map is for illustrative purposes only and is not reliable as a precise
indicator of routes, location of features, nor as a guide to navigation.



Legend

Bedrock Formation

MESOPROTEROZOIC

- 33, Jacobsville Gp.; Ontario Gp.
- 31a, Mafic and related intrusive rocks (Keweenaw age)
- 31c, Mafic and related intrusive rocks (Keweenaw age)
- 31d, Mafic and related intrusive rocks (Keweenaw age)
- 29b, Osler Gp., Mamainse Point Fm., Michipicoten Island Fm.
- 29a, Osler Gp., Mamainse Point Fm., Michipicoten Island Fm.
- 28, Sibley Gp.

MESO to PAELOPROTEROZOIC

- 27a, Felsic intrusive rocks

PAELOPROTEROZOIC

- 22a, Sedimentary rocks
- NEOARCHEAN Intrusive Rocks**
- 16, Diorite - nepheline syenite suite
- NEO-TO MESOARCHEAN Intrusive Rocks**
- 15, Massive granodiorite to granite
 - 15a, Massive granodiorite to granite
 - 14, Diorite - monzonite - granodiorite suite
 - 13, Muscovite - bearing granitic rocks
 - 12, Foliated tonalite suite
 - 11, Gneissic tonalite suite
 - 10, Mafic and ultramafic rocks

NEOARCHEAN Supracrustal Rocks

- 9, Coarse clastic metasedimentary rocks
- NEO-TO MESOARCHEAN Supracrustal Rocks**
- 7, Metasedimentary rocks
 - 7a, Metasedimentary rocks
 - 7b, Metasedimentary rocks
 - 6, Felsic to intermediate metavolcanic rocks
 - 5, Mafic to intermediate metavolcanic rocks
 - 4, Mafic to ultramafic metavolcanic rocks

MESOARCHEAN

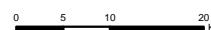
- 3, Mafic metavolcanic and metasedimentary rocks

Surface Faults

- Iron Formation
- Dikes
- 31b-Pigeon River & Pukaskwa
- 30b-Sudbury
- 23c-North Channel
- 21b-Marathon
- 17a-Matachewan & Hearst

Boundaries

- Lakehead Source Protection Area
- LRCA Jurisdiction Boundary
- Municipal Residential Drinking Water System
- Large
- Small



Prepared by: Roman Augustyn
Date: March 2011
Projection Information:
Name: NAD 1983 UTM Zone 16N
Projection: Transverse Mercator
Datum: North American 1983
Lakehead Region Conservation Authority