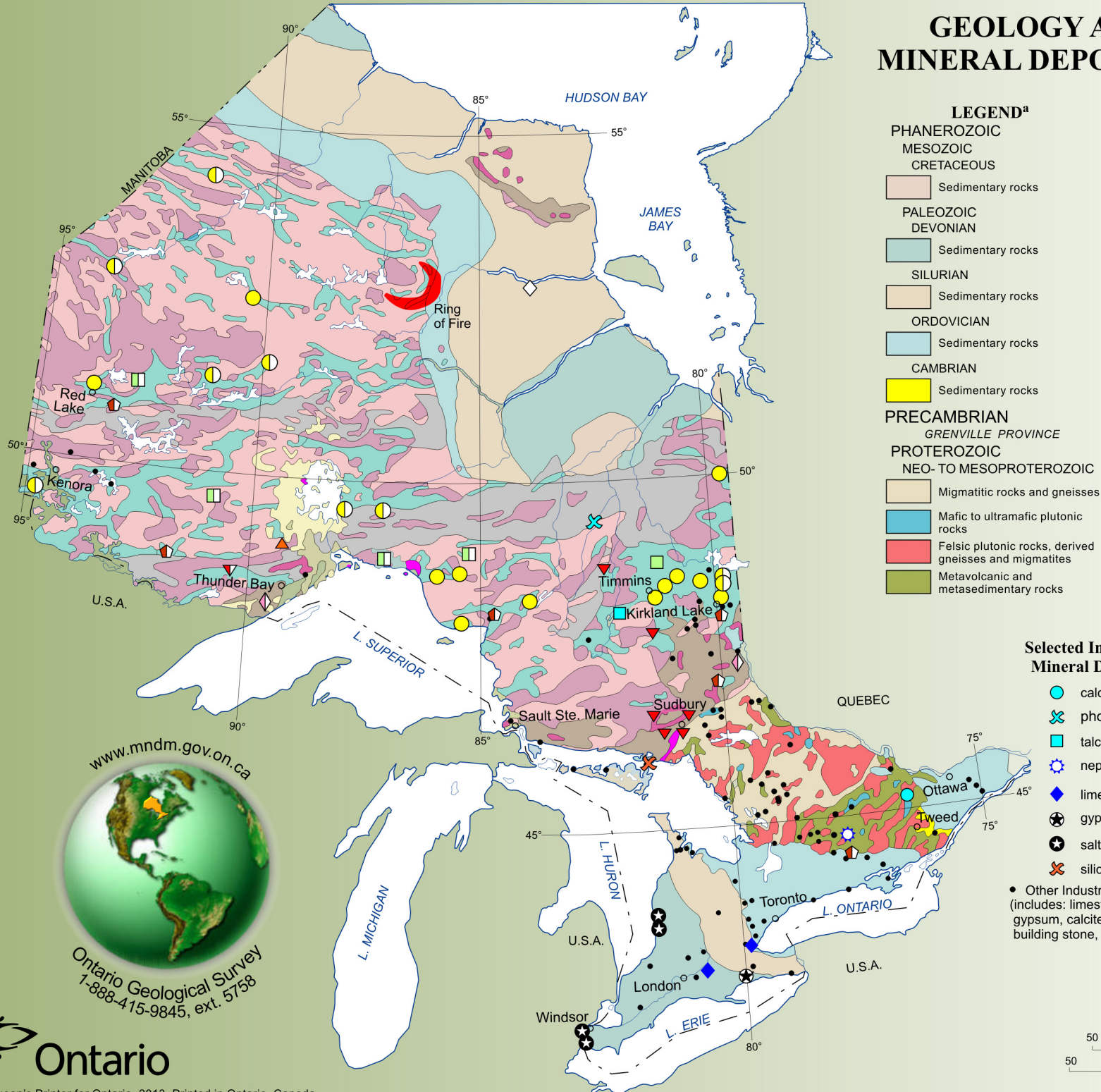


GEOLOGY AND SELECTED MINERAL DEPOSITS OF ONTARIO



LEGEND^a

PHANEROZOIC

MESOZOIC

CRETACEOUS

Sedimentary rocks

PALEOZOIC

DEVONIAN

Sedimentary rocks

SILURIAN

Sedimentary rocks

ORDOVICIAN

Sedimentary rocks

CAMBRIAN

Sedimentary rocks

PRECAMBRIAN

GRENVILLE PROVINCE

PROTEROZOIC

NEO- TO MESOPROTEROZOIC

Migmatitic rocks and gneisses

Mafic to ultramafic plutonic rocks

Felsic plutonic rocks, derived gneisses and migmatites

Metavolcanic and metasedimentary rocks

SUPERIOR AND SOUTHERN PROVINCES

NEO- TO MESOPROTEROZOIC

Felsic intrusive rocks

Mafic intrusive rocks

Volcanic and sedimentary rocks

PALEOPROTEROZOIC

Mafic intrusive rocks

Metasedimentary and metavolcanic rocks

SUPERIOR PROVINCE

ARCHEAN

NEO- TO MESOARCHEAN

Massive to foliated granodiorite to granite

Foliated to gneissic tonalite to granodiorite

Metasedimentary rocks and derived gneisses

Metavolcanic and metasedimentary rocks

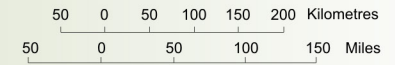
^a Phanerozoic units are lithostratigraphic, whereas Precambrian units are lithologic.

Selected Industrial Mineral Deposits

- calcite
- phosphate
- talc
- nepheline
- lime
- gypsum
- salt
- silica
- Other Industrial Minerals (includes: limestone, salt, gypsum, calcite, phosphate, building stone, etc.)

Selected Mineral Deposits

- Producing Mines**
- Gold
 - Copper-Nickel-PGE
 - Zinc-Copper
 - Palladium-Platinum
 - Diamond
- Past-Producing Mines**
- Gold
 - Copper-Nickel-PGE
 - Zinc-Copper
 - Silver
 - Iron



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





Ontario Geological Survey
1-888-415-9845, ext. 5758

Ontario

QUATERNARY GEOLOGY

LEGEND

PHANEROZOIC
QUATERNARY

-  Organic deposits
 -  Coarse-textured glaciomarine deposits
 -  Fine-textured glaciomarine deposits
 -  Coarse-textured glaciolacustrine deposits
 -  Fine-textured glaciolacustrine deposits
 -  Glaciofluvial deposits
 -  Ice-contact stratified deposits
 -  Till
- PALEOZOIC
-  Paleozoic bedrock
- PRECAMBRIAN
-  Precambrian bedrock

