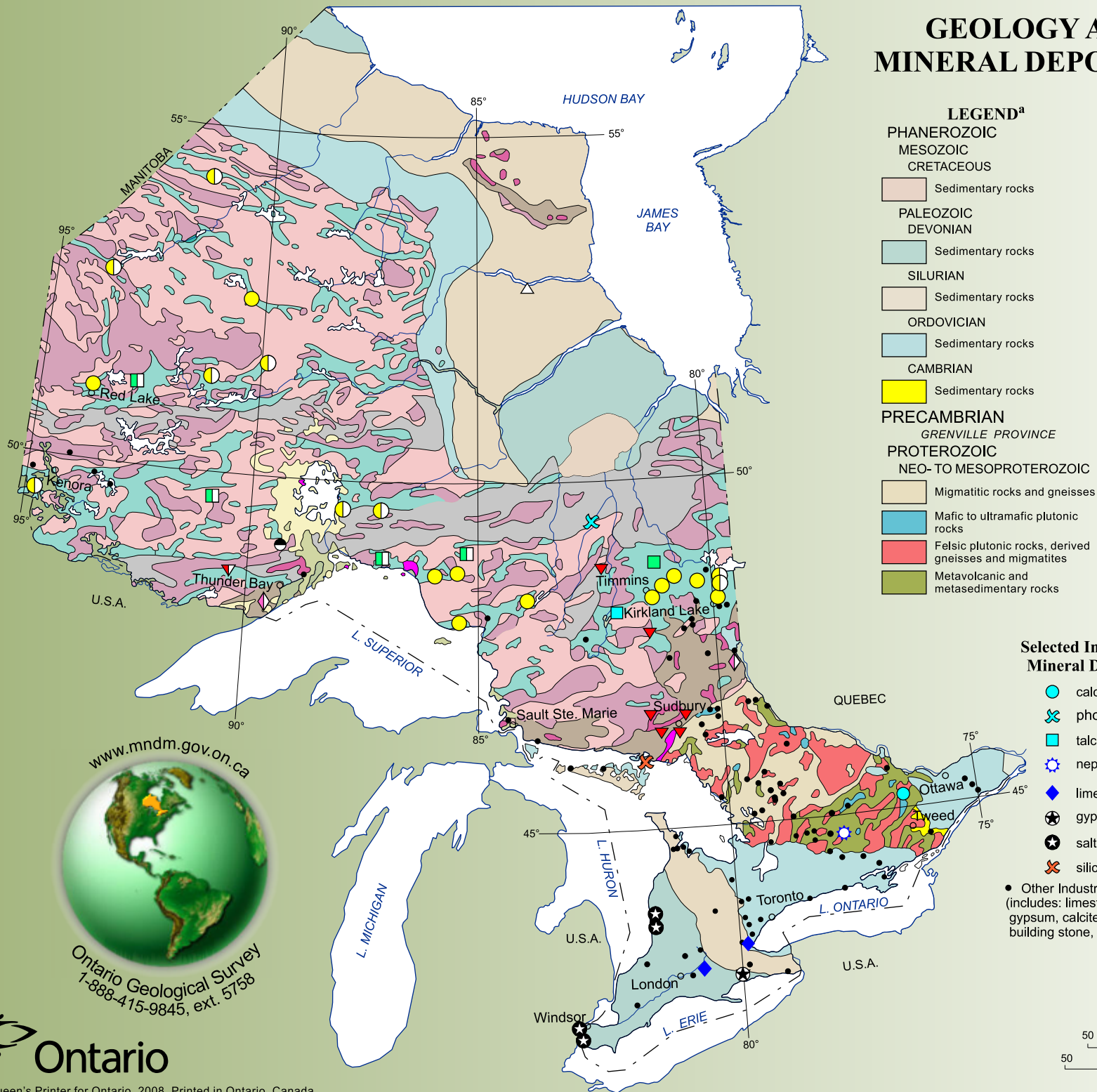


GEOLOGY AND SELECTED MINERAL DEPOSITS OF ONTARIO



- 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 granodiorite
 - Foliated to gneissic tonalite to granodiorite
 - Metasedimentary rocks and derived gneisses
 - Metavolcanic and metasedimentary rocks

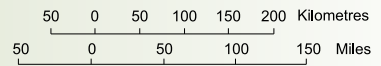
^a Phanerozoic units are lithostratigraphic, whereas Precambrian units are lithologic.

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





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

