

# Index Map to Exploration and Development in Northern Minnesota



**Exploration & Development Boundaries**

- Cu+Ni+PGM Exploration & Development
- Iron Mining & Development
- Gold Exploration

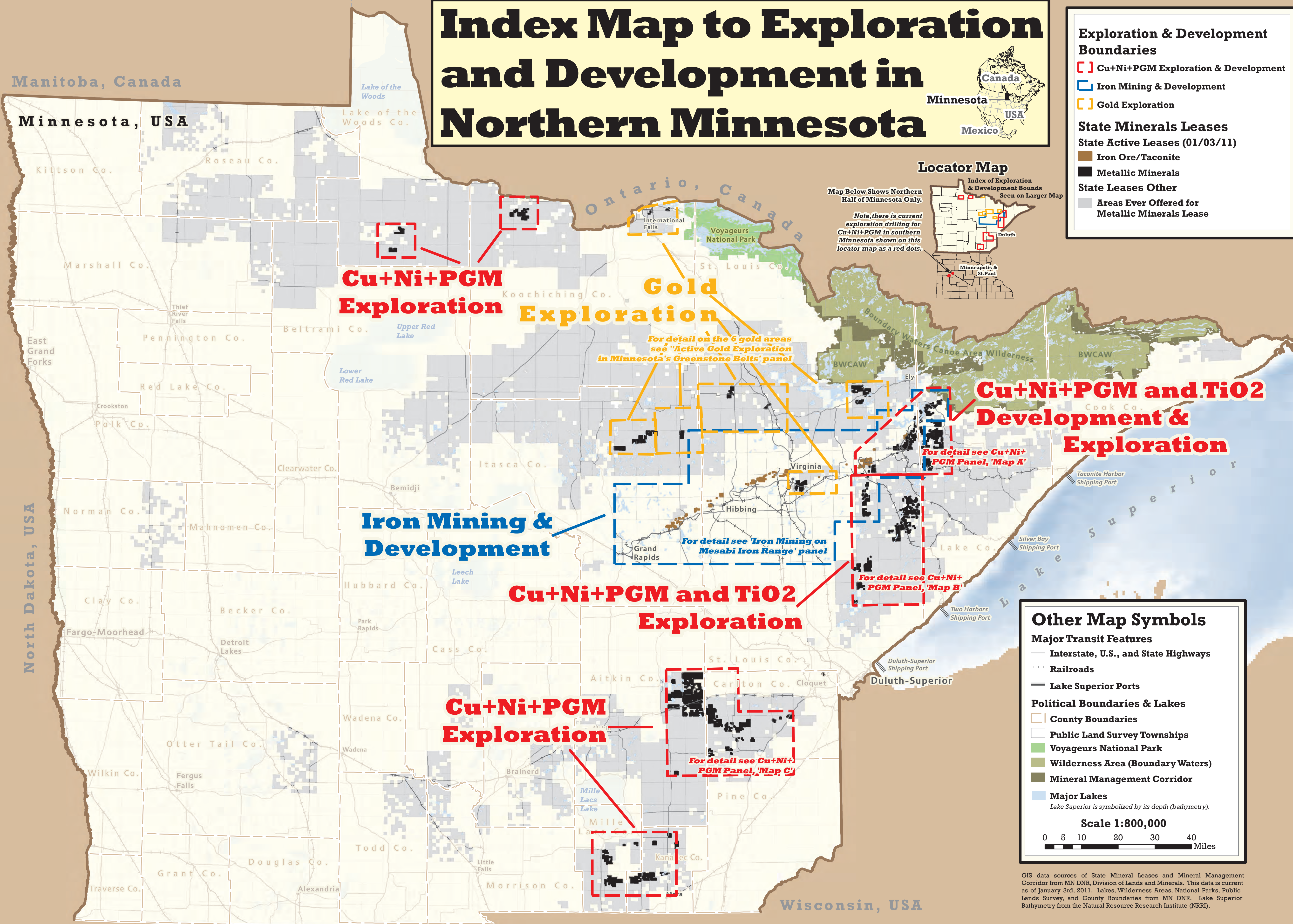
**State Minerals Leases**

State Active Leases (01/03/11)

- Iron Ore/Taconite
- Metallic Minerals

State Leases Other

- Areas Ever Offered for Metallic Minerals Lease



**Locator Map**

Map Below Shows Northern Half of Minnesota Only.

Note, there is current exploration drilling for Cu+Ni+PGM in southern Minnesota shown on this locator map as a red dot.

**Cu+Ni+PGM Exploration**

**Gold Exploration**

For detail on the 6 gold areas see 'Active Gold Exploration in Minnesota's Greenstone Belts' panel

**Iron Mining & Development**

For detail see 'Iron Mining on Mesabi Iron Range' panel

**Cu+Ni+PGM and TiO<sub>2</sub> Development & Exploration**

For detail see Cu+Ni+PGM Panel, 'Map A'

**Cu+Ni+PGM and TiO<sub>2</sub> Exploration**

For detail see Cu+Ni+PGM Panel, 'Map B'

**Cu+Ni+PGM Exploration**

For detail see Cu+Ni+PGM Panel, 'Map C'

**Other Map Symbols**

**Major Transit Features**

- Interstate, U.S., and State Highways
- Railroads
- Lake Superior Ports

**Political Boundaries & Lakes**

- County Boundaries
- Public Land Survey Townships
- Voyageurs National Park
- Wilderness Area (Boundary Waters)
- Mineral Management Corridor
- Major Lakes  
*Lake Superior is symbolized by its depth (bathymetry).*

**Scale 1:800,000**

0 5 10 20 30 40 Miles

GIS data sources of State Mineral Leases and Mineral Management Corridor from MN DNR, Division of Lands and Minerals. This data is current as of January 3rd, 2011. Lakes, Wilderness Areas, National Parks, Public Lands Survey, and County Boundaries from MN DNR. Lake Superior Bathymetry from the Natural Resource Research Institute (NRI).