

Nickel Copper Platinum group elements (Ni-Cu-PGE)



Nickel (Ni)

In 2025, Ontario mines produced 42,965 tonnes of nickel, which were shipped at a market value of \$1,131 million. This represents 33% of Canada's nickel production by value.

Nickel is an important metal used in the manufacturing of stainless steel, high-strength alloys, aerospace components and construction materials.



Copper (Cu)

In 2025, Ontario mines produced 88,959 tonnes of copper, which were shipped at a market value of \$1,008 million. This represents 22% of Canada's copper production by value.

The average home contains approximately 181.4 kilograms of copper that is used for electrical wiring, pipes and appliances.



Platinum Group Elements (PGE)



In 2025, Ontario mines produced 485,103 troy ounces of PGE*, which were shipped at a market value of \$719 million. This represents 76% of Canada's PGE production by value.

Platinum and palladium are essential elements in the production of catalytic converters, medical and dental equipment, as well as jewellery.

* PGE include platinum (Pt), palladium (Pd), rhodium (Rh), ruthenium (Ru), iridium (Ir) and osmium (Os).

Ni-Cu-PGE in Ontario



Paleozoic

Sedimentary

Proterozoic

Sedimentary, Volcanic and Intrusive

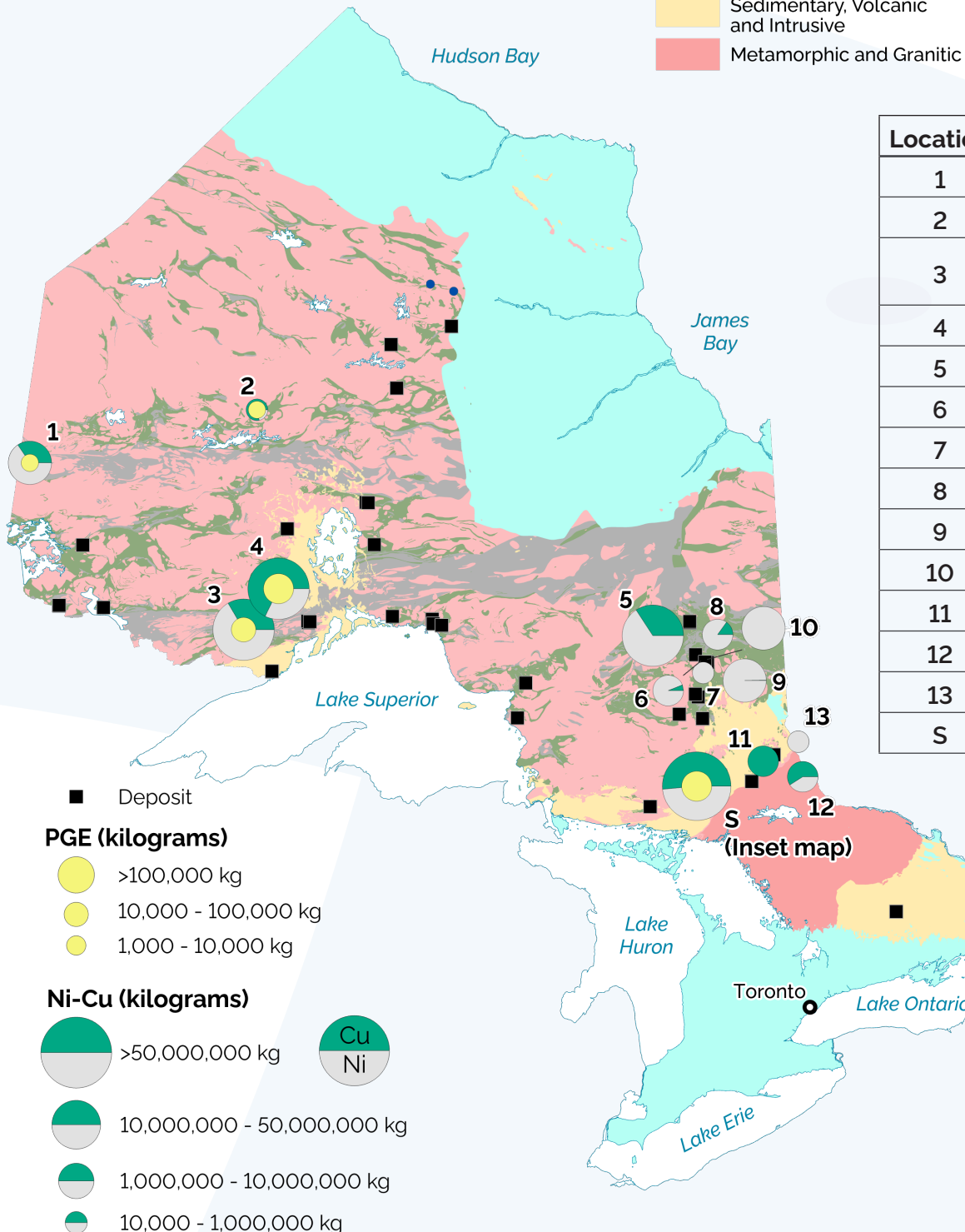
Metamorphic and Granitic

Archean

Granitoid

Sedimentary

Volcanic (Greenstone)



Location	Name
1	Gordon Lake Mine
2	Thierry Mine
3	Shebandowan (INCO Mine)
4	Lac Des Iles Mine
5	Montcalm Mine
6	Redstone Mine
7	Texmont Mine
8	Alexo Mine
9	McWatters Mine
10	Aurora South
11	Temagami Copper Mine
12	Kanichee Mine
13	Keely-Frontier Mine
S	Sudbury Camp

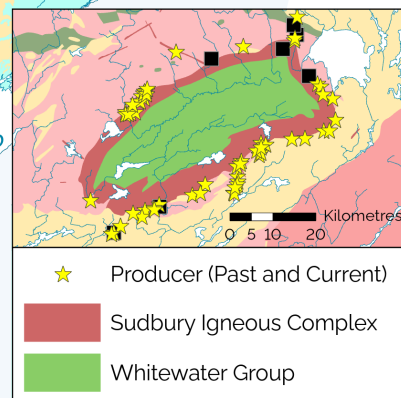
■ Deposit

PGE (kilograms)

- >100,000 kg
- 10,000 - 100,000 kg
- 1,000 - 10,000 kg

Ni-Cu (kilograms)

- >50,000,000 kg
- 10,000,000 - 50,000,000 kg
- 1,000,000 - 10,000,000 kg
- 10,000 - 1,000,000 kg



- Producer (Past and Current)
- Sudbury Igneous Complex
- Whitewater Group

All monetary values are in Canadian dollars.
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For more information about Ontario's mineral resources:



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