

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



## Nickel (Ni)

In 2021, 48,675 tonnes of nickel valued at \$758 million were produced in Ontario, amounting to 29% 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)

Copper produced in Ontario in 2021 totalled 127,148 tonnes valued at \$1,018 million, amounting to 23% 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)

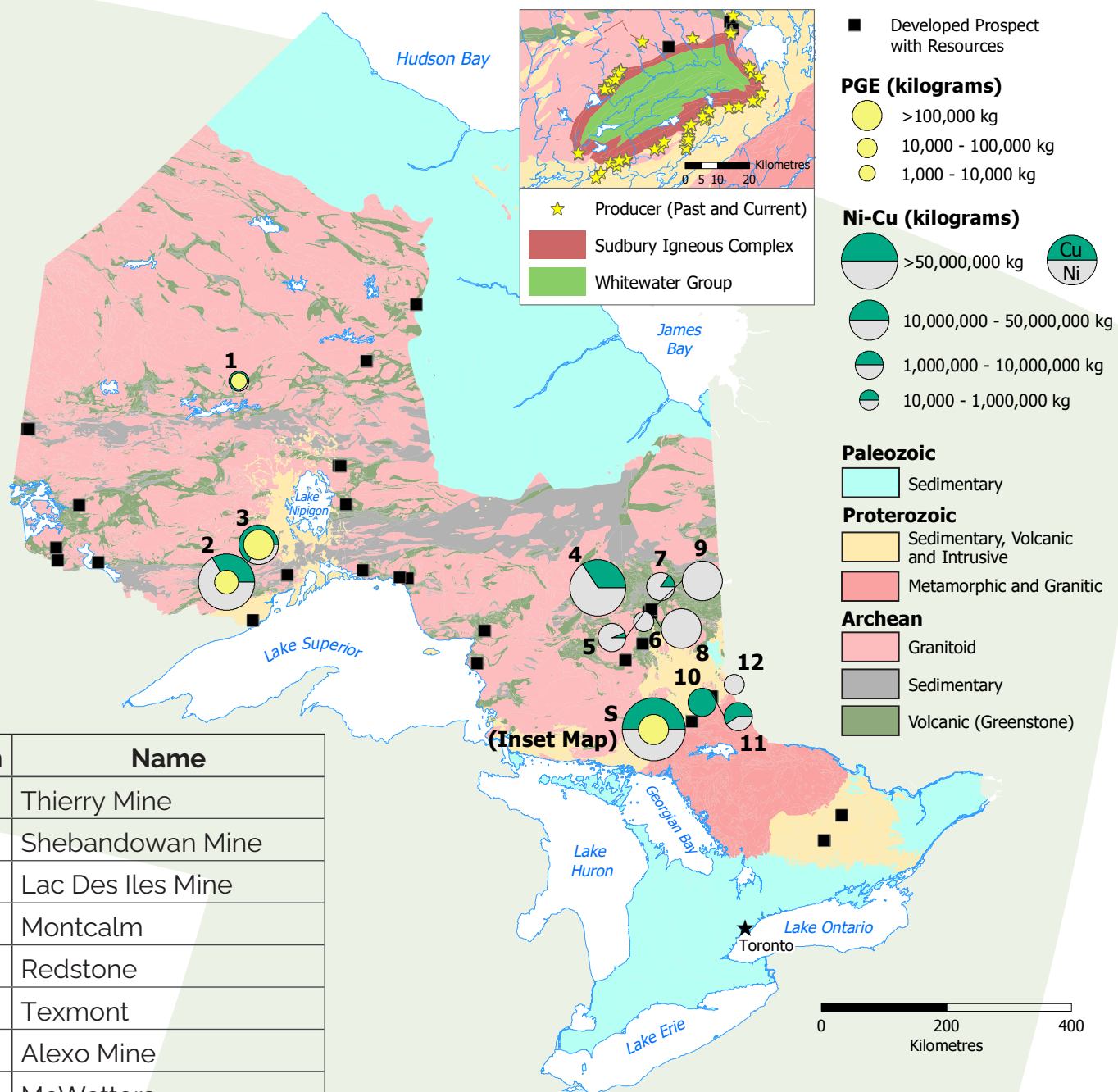


PGE include platinum (Pt), palladium (Pd), rhodium (Rh), ruthenium (Ru), iridium (Ir) and osmium (Os).

In 2021, 508,453 troy ounces of PGE valued at \$1,213 million were produced in Ontario, totalling 67% 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.

# Ni-Cu-PGE in Ontario



Location	Name
1	Thierry Mine
2	Shebandowan Mine
3	Lac Des Iles Mine
4	Montcalm
5	Redstone
6	Texmont
7	Alexo Mine
8	McWatters
9	Langmuir
10	Temagami Copper Mine
11	Kanichee Mine
12	Keely-Frontier Mine
S	Sudbury Camp

For more information about Ontario's mineral resources:

[ontario.ca/mineralsector](https://ontario.ca/mineralsector) [mineralsinfo@ontario.ca](mailto:mineralsinfo@ontario.ca) +1 888 415-9845

All monetary values are in Canadian dollars.  
This information is accurate to December 1, 2021