

Mining in Canada

By: Jack Shynkaruk &
Ethan B.



What is Mining?

Mining is where people in machines dig up valuable resources (gold, iron, copper, lead, etc.) from a cave or a hole in the Earth.

Mining in Canada

Canada is the global leader in the production of potash. Canada is recognized as a leading mining nation. Our minerals sector, which includes exploration, mining and related support activities, primary processing, and downstream product manufacturing, is a mainstay of the economy that supports jobs and economic activity in every region.

Potash Mining in Canada

First before I get into this slide I think it is neat that my dad works underground in a potash mine! One potash mine I know about is Nutrien Potash Cory. That is the mine that my Dad works at. The mine is located at Twp 362 Rd, Vanscoy, SK S0L 3J0. Here are some uses for potash: fertilizers, detergents, ceramics, pharmaceuticals, water conditioners, and last but not least alternatives to de-icing salt.



Gold Mining In Canada

First lets start of with “what is the most big gold mine in Canada?”. The most biggest gold mine in Canada is the Canadian Malartic. Canadian Malartic, 25 km west of Val-d'Or, northwest Quebec, is the largest operating gold mine in Canada. The large open-pit mine and plant built by Osisko Mining Corp. began commercial production in May 2011. In 2019 Ontario and Quebec produced more than 75% of the gold mined in Canada in 2019.



Uranium Mining in Canada

Canada is the second largest producer of uranium with 13% of global production in 2018. Also in 2018, Canada produced 6,996 tonnes of uranium, all from mines in northern Saskatchewan. Canada also has the highest grade of uranium. Here are the operating mines and mills in Saskatchewan: Cigar Lake Mine, Key Lake Mill, McArthur River Mine, McClean Lake Mill, and Rabbit Lake Mine and Mill.

Picture of uranium



Coal Mining

Canadian coal is sought after all across the globe, as it serves an important role in energy, steelmaking and other high-demand sectors. More than 90 per cent of Canadian coal deposits have been found in the western provinces, which is a key advantage, due to the proximity of west coast ports. This surface strip mine near the town of Coronach operates two active pits, providing lignite coal to the two generating units at the Poplar River Generating Station (owned and operated by Saskatchewan Power Corporation).



Iron Mining In Canada

Most of Canada's iron ore comes from the Labrador Trough region, along the border between Quebec and Newfoundland and Labrador, and from Nunavut. In 2018, Canada was the eighth largest producer of iron ore in the world!



Mining facts!

In 2019, the mining sector contributed \$109 Billion, or 5%, of Canada's total nominal GDP. Valued at \$106 billion in 2018, mineral exports accounted for 19% of Canada's total domestic exports.



Thank you.

References

Mining in Canada slide: <https://www.nrcan.gc.ca/our-natural-resources/minerals-mining/minerals-metals-facts/minerals-and-the-economy/20529>

Potash picture: <https://www.livescience.com/29025-facts-about-potassium.html>

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Uranium mines and mills: [Uranium mines and mills - Canadian Nuclear Safety Commission](https://www.nrcan.gc.ca/our-natural-resources/minerals-mining/minerals-metals-facts/minerals-and-the-economy/20529) under Uranium mines and mills.

More References

Uranium stuff: [About Uranium \(nrcan.gc.ca\)](http://nrcan.gc.ca)

Uranium picture: [Uranium ore - Wikipedia](https://en.wikipedia.org/wiki/Uranium_ore)

Front page gif: <https://gfycat.com/fr/misguidedflashyamericanywirehair>

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