

Québec



strategic

CRITICAL MINERALS

A LEADER IN NORTH AMERICA

- Québec has the most diversified subsoil in mineral resources in Canada: 41 of the 50 (82 %) minerals that are critical to the United States's economy and security.
- More than 20 mines and 49 mining projects in development, with 32 concerning critical minerals.
- Québec has all the critical minerals necessary to manufacture a battery: lithium, graphite, cobalt, nickel, manganese, in addition to aluminum.
- Québec has a continental geographic position with a vast network of road, railway, port, and airport infrastructures offering a quick, safe, and sustainable access to the minerals.

A STRATEGIC PARTNER

- Québec is a strategic partner contributing to the security and the strengthening of the critical minerals' supply chains in North America.
- Several strategic industries need Québec's minerals: semiconductors, defense equipment, automotive, high-performance alloys, hydrogen, and renewable energies technologies components.
- Leading mining companies, such as Glencore, ArcelorMittal, Agnico Eagle, Rio Tinto, and Tata Steel chose Québec for its mineral potential and favorable business environment.

TARIFFS ARE COUNTERPRODUCTIVE

- Tariffs will affect critical mineral mining, production and processing.
- Tariffs will impact:
 - » Competitiveness in sectors such as batteries, clean energy, and defense;
 - » Supply chains and networks;
 - » Prices paid by consumers.
- The aerospace sector, which uses cobalt-based superalloys, will be vulnerable to price increases and reduced supply, which in turn will raise costs and production delays, especially given that few substitutes exist.

QUÉBEC'S ASSETS CAN SUPPLY KEY INDUSTRIES

MINERAL	QUÉBEC'S ASSET	MEETING THE DEMAND IN KEY INDUSTRIES
Lithium	<ul style="list-style-type: none"> • Has 82% of Canada's reserves. • Half of Canada's mining projects. 	<ul style="list-style-type: none"> • Uses: Lithium-ion, NMC and LFP batteries. • Industries: Automotive, electronics, glass and ceramics.
Graphite	<ul style="list-style-type: none"> • 1st Graphite producer in Canada. • Canada's largest reserves. • In 2024, the DOD subsidized a graphite transformation process development project in Québec. 	<ul style="list-style-type: none"> • Uses: Lithium-ion battery anodes, batteries for cell phones and laptops, and electrodes • Industries: Automotive, electronics, aerospace and aviation, defense.
Cobalt and Nickel	<ul style="list-style-type: none"> • 2nd Nickel producer in Canada. • Canada is the U.S.' 1st supplier. 	<ul style="list-style-type: none"> • Uses: Lithium-ion battery cathodes (NMC and NCA), superalloys for gas turbines and aircraft engines, batteries for cell phones and laptops. • Industries: Automotive, electronics, aerospace and aviation, defense.
Copper and Zinc	<ul style="list-style-type: none"> • Refined copper: 1st Canadian exporter to the U.S. • Refined zinc: 2nd Canadian producer. • Sole copper smelter and recycler in Canada. 	<ul style="list-style-type: none"> • Uses: electrification of transports, printed circuits, electrical cables, vehicle electrical systems. • Industries: electronics, automotive, transportation.
Rare Earths	<ul style="list-style-type: none"> • World-class rare earth projects. 	<ul style="list-style-type: none"> • Uses: Screens, speakers and electronic components, magnets in wind turbines and electric motors, light alloys for aeronautical structures, guidance systems and radars. • Industries: Electronics, automotive, defense, aerospace, aviation.
Gallium	<ul style="list-style-type: none"> • Pilot-project with a 40 tons annual production potential. 	<ul style="list-style-type: none"> • Use: Semiconductors.



Sources: Ministère des Ressources naturelles et des Forêts (Québec), 2025; Center on Global Energy Policy, 2025.

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