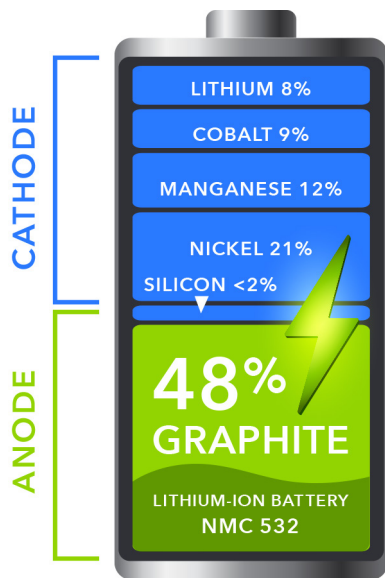




THE LITHIUM-ION OPPORTUNITY

Graphite is the largest component of a lithium-ion battery

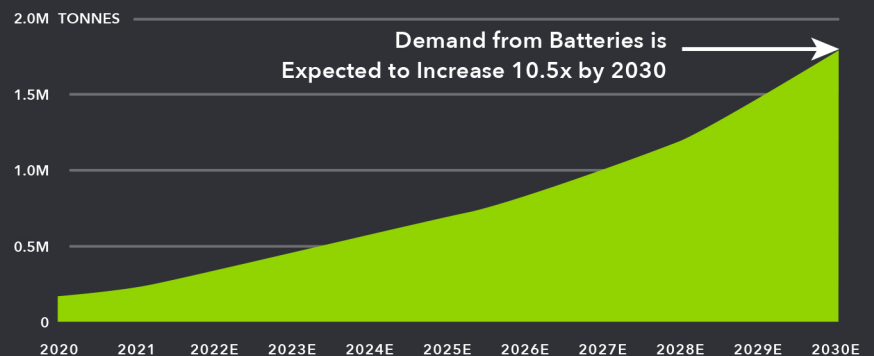
Northern Graphite, the only flake graphite producing company in North America, is a Canadian, TSX Venture Exchange listed company that is focused on becoming a world leader in producing natural graphite and upgrading it into high value products critical to the green economy, including anode material for lithium-ion batteries/EVs, fuel cells and graphene, as well as advanced industrial technologies.

To speed up such development and to leverage the most advanced technologies, **Northern Graphite** is partnering with leading technology companies to develop battery anode material plants in North America, France and the Kingdom of Saudi Arabia.

RISING DEMAND FOR GRAPHITE

Graphite is the largest component of Lithium-ion batteries.

GRAPHITE DEMAND FROM LITHIUM-ION BATTERIES 2020-2030E



Data - BloombergNEF

GRAPHITE, A CRITICAL MATERIAL

Graphite's demand is growing rapidly due to its critical role in electric vehicles (EVs), energy storage technologies, and fuel cells.

Currently, China produces 70% to 80% of the world's graphite and 100% of the natural graphite used in LiBs. Because of this dependence on China, as well as the importance of graphite to the economy, both the US and EU have declared graphite a critical mineral.

NORTHERN GRAPHITE'S MINE TO MARKET STRATEGY

Integrate downstream to manufacture carbon-based materials specifically designed for use in energy applications such as lithium-ion batteries (LiBs) and fuel cells.



Northern Graphite is the only significant graphite producer in North America.

All the Company's deposits have battery quality graphite and are located close to infrastructure in politically stable countries.



NORTHERN GRAPHITE'S DEVELOPMENT PLANS

Northern's strategy as the only flake graphite producing company in North America is to expand production at its existing mine in Quebec and advance two large scale projects (Okanjande & Bissett Creek) towards development. In parallel, it plans to develop down-stream capacity to produce anode material and other innovative carbon materials for use in LiBs and next generation batteries, as well as in industrial applications.

2026

- 1 **LAC DES ILES (LDI)** – Quebec, Canada – Plans to increase plant output to 25,000tpy nameplate capacity from current 15,000 tpy with pit extension in 2026.
- 2 **OKANJANDE** – Namibia – Output capacity of 31,000 tpy. Operation restart within 12-15 months of construction decision, pending financing. Planning PEA to evaluate potential for large-scale production.
- 3 **BISSETT CREEK** – Ontario, Canada – PEA for Phase One, 44,000 tpy operation planned, construction decision to sync with market demand.
- 4 **BATTERY MATERIALS** – Northern's mine-to-battery strategy is focused on advancing plans for the development of Battery Anode Material (BAM) plants in Saudi Arabia, Quebec and France.

2030

Investment opportunity to participate in the green energy revolution from mine to market

RISK

Market not as Strong as Expected

MITIGATION

Studies Conclude Increasing Demand for Graphite

RISK

Failure to Qualify our Anode Material with Clients

MITIGATION

Partnering with Key Technology Leaders

RISK

Failure to Raise Needed Capital

MITIGATION

Support Available from Numerous Government Programs



LAC DES ILES (LDI)
QUEBEC, CANADA



OKANJANDE
NAMIBIA



BISSETT CREEK
ONTARIO, CANADA

NORTHERN GRAPHITE is committed to delivering high quality natural graphite in a secure, sustainable and transparent manner, and to supplying high value products critical to the green economy.

NORTHERN
GRAPHITE

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