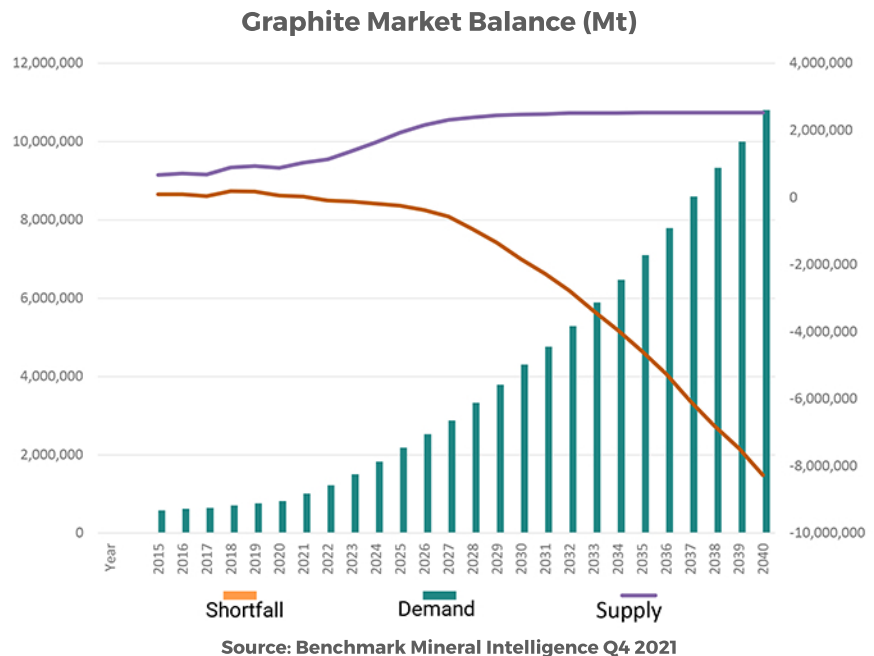




## A people-first company

- A graphite shortfall will start in 2027, just as Lomiko anticipates to have its La Loutre project In operation
- In the 2022 federal budget, the Canadian Government pledged \$3.8 billion over eight years to create Canada's first critical minerals strategy
- Demand for minerals required for batteries, such as lithium and cobalt, may rise by almost 500% by 2050, according to the World Bank
- Lomiko holds 3Mt of in-situ graphite in a high-potential region - Grenville belt



## The Need for Secure, North American Critical Minerals Supply

- EV battery demand in North America is now set to climb with a 30% annual growth rate in the next 10 years
- Graphite is by far the largest component of an EV battery by weight, and the freight charges alone suggest that continuing to import 600 kg batteries from China is not sustainable
- North American vehicle manufacturers want to minimize freight charges and carbon emissions by buying EV batteries made in North America
- Those EV batteries need secure, North American sources of components such as graphite

**Lomiko Metals plans to play a key role in the North American critical minerals supply chain**

## Why Lomiko? - New Vision. New Strategy. New Energy.

Lomiko represents a company with purpose: a people-first company where we can manifest a world of abundant renewable energy with Canadian and Quebec critical minerals for a solution in North America. Our goal is to create a new energy future in Canada where we will grow the critical minerals workforce, become a valued partner and neighbour with the communities in which we operate, and provide a secure and responsibly sourced supply of critical minerals. Please see the company's website for its land acknowledgments.

Our team has extensive experience in growing businesses large and small, in mine construction and operations, and a deep understanding and respect for the long-term relationship building and entrepreneurial support needed in our communities.

- 1 of 19 ECOLOGO-certified mining companies in Quebec
- Majority female executive team, majority female board, with First Nations and francophone representation



# Our Projects

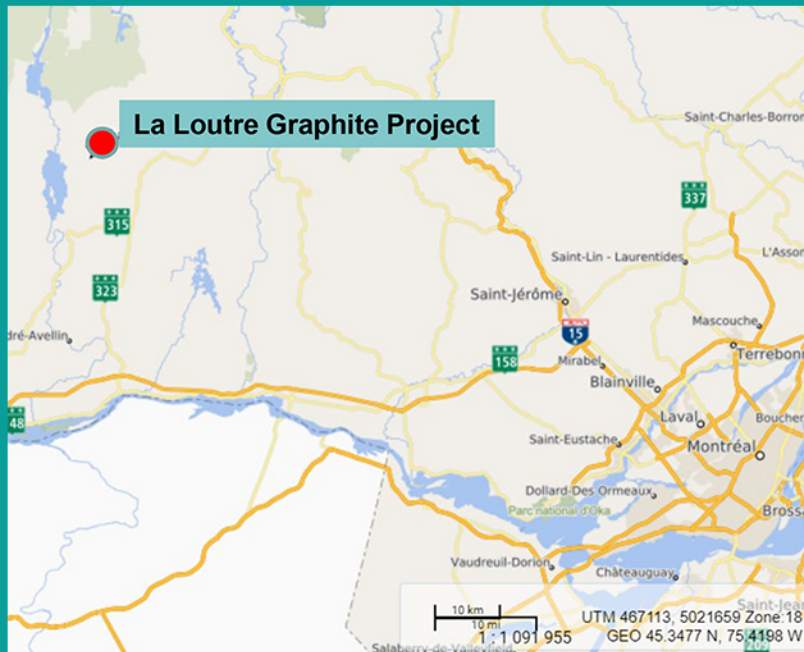
Lomiko is actively developing two main projects in addition to six newly acquired graphite properties in the province of Quebec: La Loutre, which is held 100% by Lomiko and is being explored for high-grade large flake graphite, and Bourier, which has been optioned by Lomiko and is being explored for lithium.

## La Loutre

A positive PEA indicated the project had a 15-year mine life producing per year 100,000 tonnes of graphite concentrate at 95%Cg or a total of approximately 1.5Mt of graphite concentrate.

- LOM plant production of 21,8 Mtonnes of mill feed at 6.78% Cg diluted
- NPV of \$186M (post 8% tax)
- AISC US \$ 406/t Cg cost
- 100% owned, 1.5% NSR
- Flotation tests produced concentrate grades between 97.6% and 98.6% Cg
- 2022 Met studies and battery trials on the go at SGS - 800kg of core being tested for PFS level of studies and to produce con for value added and battery trials.
- Initial purification studies completed in Q2 2022 show 99.95% graphitic carbon purity with low level of the impurities.
- Completed 13,100m drill program with 79 infill holes confirming existing mineralization and grades but also discovering a new graphite zone in marbles
- 2023 NI-43-101 resource estimate - PFS studies to continue

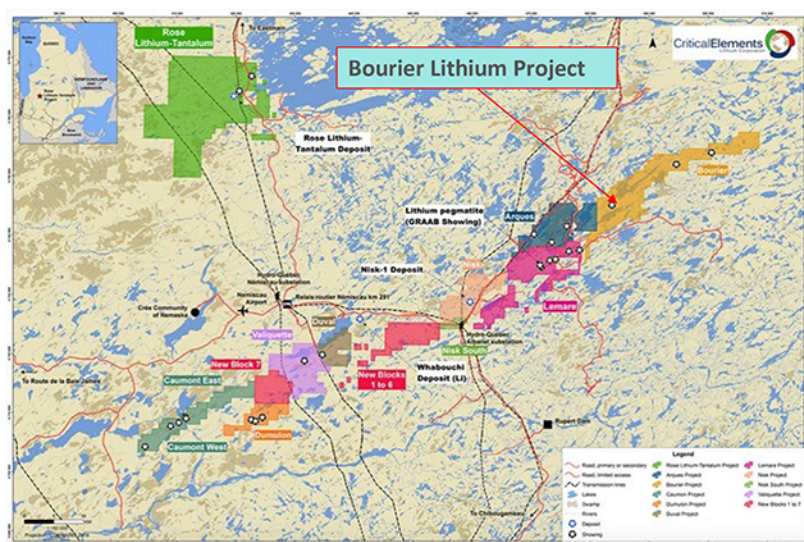
PEA accessible on website



## Bourier

The Bourier project is potentially a new lithium field in an established lithium district. It is owned by Critical Elements Corporation, which has entered into an agreement with Lomiko Metals whereby Lomiko may acquire up to 70% of the property by funding exploration activities and other considerations.

- Located on Nemiscau greenstone belt south-east of the Cree Eeyou Istchee James Bay territory in Quebec
- GoldSpot's AI analysis revealed considerable lithium potential over 2,5km anomalous zones with increased Li-Ta-Ce values
- 2022 field program completed, and results being processed to assess lithium presence.



## Next steps include:

- Follow up on surface sampling with drilling if spodumene is located in the 2022 samples.

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