



**LOMIKO**  
METALS®

A responsible developer of choice  
in Quebec, Canada

A partner of excellence  
in North America

for a shared  
*climate success story*

TSXV: LMR  
OTC: LMRMF  
Frankfurt: DH8C

May 2024



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# Land Acknowledgement

The land/projects where we operate are located within the traditional land of the Algonquin Anishnaabeg and Cree Eeyou Istchee Peoples.

Our vision is to embrace Indigenous people and Indigenous values within our projects to develop a sustainable approach on our path to critical minerals development, while honouring the lives, memories, and hopes of all seven generations close.

The La Loutre graphite project site is located within the Kitigan Zibi Anishinabeg (KZA) First Nation's territory. The KZA First Nation is part of the Algonquin Nation and the KZA traditional territory is situated within the Outaouais and Laurentides regions.

The Bourier lithium project site is located south-east of the Eeyou Istchee James Bay territory in Quebec, near Nemaska Lithium and Critical Elements.



# Sustainability is at the heart of our core values

**Cindy Valence appointed to Chief Sustainability Officer.** Cindy resides in the Laurentides region in Quebec, Canada and has vast experience and applied knowledge of the energy transition sector

❖ Three strategic pillars:

1. Full integration in the battery value chain in Québec and North America
2. Regional approach and open to M&A
3. Responsible operator of choice in Québec & Canadian critical minerals

❖ Excellence, Respect, and Ingenuity drive all day-to-day decisions.

❖ People first company: Our approach is based on open discussion, understanding and collaboration with local communities to create a fully responsible and sustainable project.

❖ Inclusive and diverse operations at all levels: 50% of directors are women and 3 of 4 Executive Officers are female

❖ Committed to Truth and Reconciliation Call to Action #92



# Over CA\$16m concurrent Canadian and USA funding announced May 16

- ✓ These are non-dilutive non-repayable awards
- ✓ Recipient of a **US\$8.35m (CA\$11.2m)** R&D (Research & Development) grant from the United States of America Department of Defense (“DoD”) and **CA\$4.9m** contribution from Natural Resources Canada

*Awards support a de-risked path of development with funding for more than 50% of project costs*

- ✓ Announcements are part of the joint Canada-U.S. Energy Transformation Task Force
- ✓ The DoD grant, called a Technology Investment Agreement (“TIA”) supports studies for La Loutre to complete pre-feasibility (PFS), baseline and metallurgical studies and definitive feasibility study (DFS)
- ✓ The Canadian Critical Mineral Research, Development and Demonstration (CMRODD2) program administered by Natural Resources Canada is to pilot the integrated graphite upgrading process to for cSPG anode grade product



# The Lomiko Advantage

## Potential for Wealth Creation

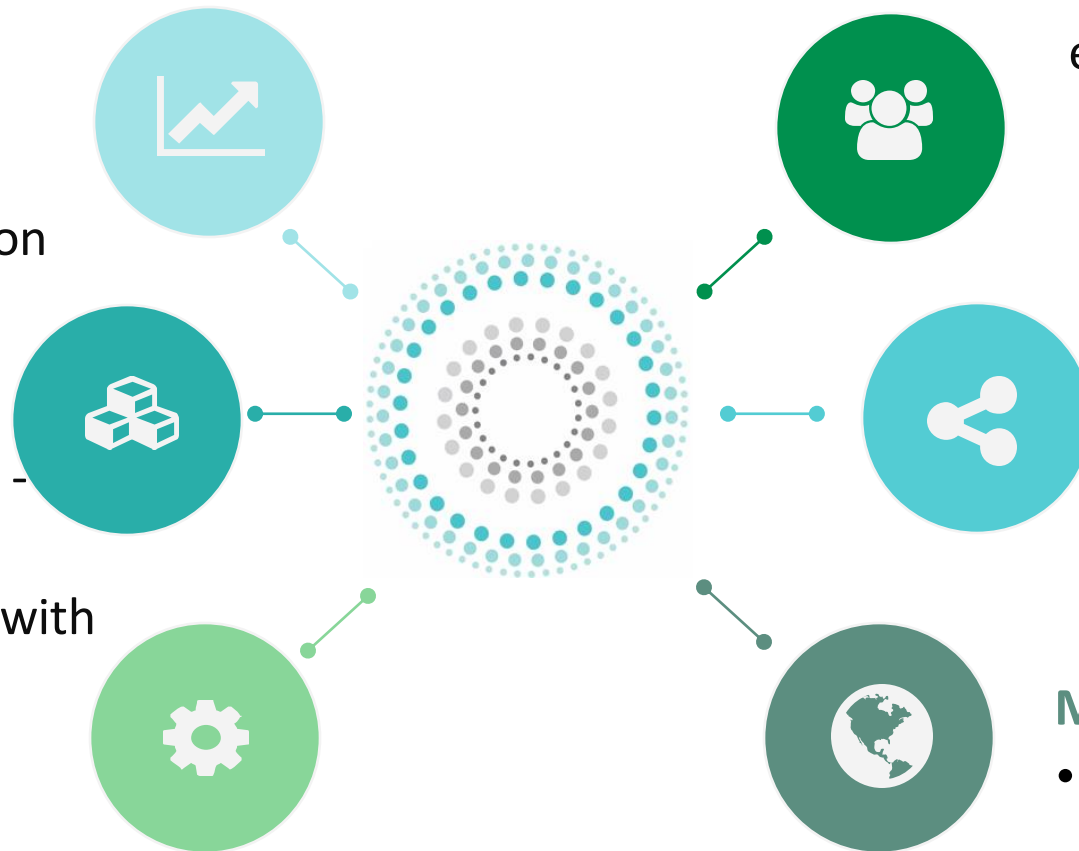
- 15-year life of mine (PEA) and additional claims in region
- Fully supported by the US government with **US\$8.35m grant** and Canada contribution of **CA\$4.9m**

## Premium Product

- ~67% fines in flake distribution - anode profile
- Located in a stable jurisdiction with access to clean energy
- +99.99% purity achieved

## Located in heart of North American graphite belt

- Can provide up to 10% of demand in North America
- High potential southernmost Canadian graphite resource



## Diverse & Experienced Team

Values driven, energetic and experienced management team

## Strong Partnership Focus

- Community focused approach
- Partners in Canada, Quebec and the USA

## Massive Exploration Upside

- Creating a strategic portfolio of graphite properties
- Quebec lithium project 49% ownership

# MINÉRAUX CRITIQUES ET STRATÉGIQUES AU QUÉBEC

Version du 13 février 2020

## UN POTENTIEL À EXPLOITER

### Graphite

Plusieurs projets de graphite sont en cours au Québec.

- 1** **Lac-des-Îles**  
Imerys Graphite et Carbon Canada  
Mine active
- 2** **Lac Guéret**  
Mason Graphite  
Mise en valeur
- 3** **Matawinie**  
Nouveau Monde Graphite  
Mise en valeur
- A** **Lac Knife**  
Focus Graphite inc.  
Gîte
- B** **La Loutre**  
Corporation Métaux Précieux du Québec  
Gîte
- C** **Miller**  
Canada Carbon  
Gîte
- D** **Bell Graphite**  
Saint Jean Carbon  
Gîte
- E** **Mousseau West**  
Gîte

### Cobalt et éléments du groupe du platine

Deux mines exploitent le cobalt et les éléments du groupe du platine en sous-produits du nickel.

- 4** **Raglan**  
Glencore Canada Corporation  
Mine active
- 5** **Nunavik Nickel**  
Canadian Royalties inc.  
Mine active
- 6** **Dumont Nickel**  
Magneto Investments Limited Partnership  
Mise en valeur
- F** **Bravo**  
Exploration minière Ijen Nunavik ltée  
Gîte
- G** **Hawk Ridge**  
Nickel North Exploration Corp.  
Gîte
- H** **Lac Menarik**  
Harfang Exploration inc.  
Gîte
- I** **Lac Rocher**  
Victory Nickel inc.  
Gîte
- J** **Nisk-1**  
Corporation Éléments Critiques  
Gîte

### Niobium

Le Québec est le deuxième producteur mondial de niobium et le seul de l'hémisphère nord.

- 7** **Niobec**  
Niobec  
Mine active
- K** **Crevier**  
Les Minéraux Crevier inc.  
Gîte

### Titane et vanadium

Le Québec est le premier producteur de titane sous forme d'ilménite au monde.

- 8** **Lac Tio**  
Rio Tinto Fer et Titane  
Mine active
- 9** **BlackRock**  
Métaux BlackRock inc.  
Mise en valeur
- L** **Vanadium-Lac Doré**  
Vanadiumcorp Resource inc.  
Gîte
- M** **Maggie**  
The Maggie Mines Inc.  
Gîte
- N** **Iron-T**  
Vanadium Corp.  
Gîte
- O** **Mont Sorcier Iron**  
Vanadium One Iron Corp.  
Gîte

### Lithium

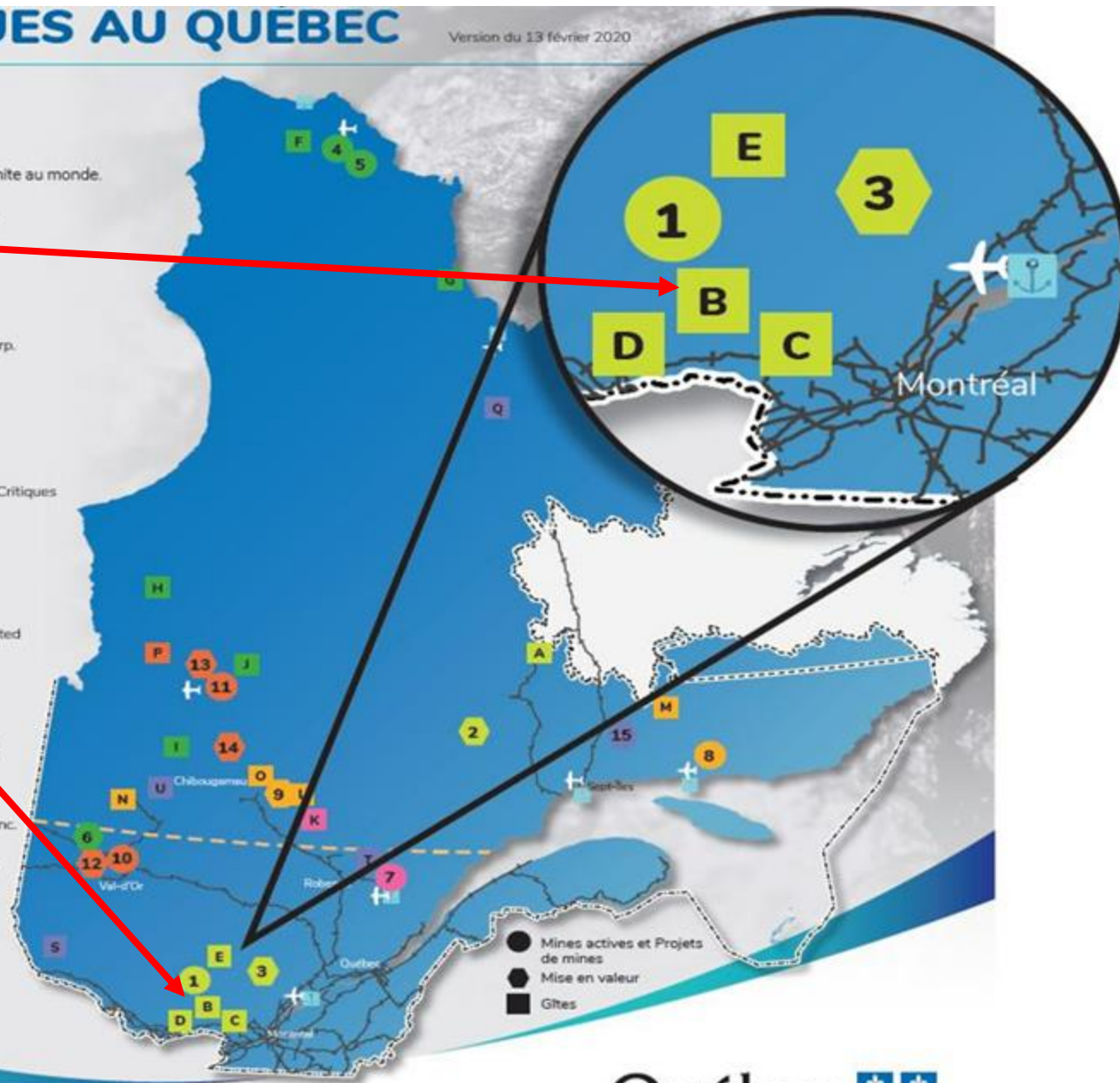
Le Québec détient un potentiel élevé en lithium.

- 10** **Lithium Amérique du Nord**  
Lithium Amérique du Nord  
Mine en maintenance
- 11** **Whabouchi**  
Nemaska Lithium  
Construction et rodage
- 12** **Authier**  
Sayona Québec  
Mise en valeur
- 13** **Rose**  
Corporation Éléments Critiques  
Mise en valeur
- 14** **Moblan**  
Lithium Guo Ao Ltée et SOQUEM inc.  
Mise en valeur
- P** **James Bay**  
Galaxy Resources Limited  
Gîte

### Éléments des terres rares

Le Québec renferme plusieurs dépôts de terres rares et il est reconnu comme ayant un potentiel à l'échelle mondiale.

- 15** **Kwyjibo**  
SOQUEM  
Mise en valeur
- Q** **Eldor (Ashram)**  
Commerce Resources Corporation  
Gîte
- R** **Strange Lake - Zone B**  
Métaux Torngat ltée  
Gîte
- S** **Kipawa (Zeus)**  
Corporation Métaux Précieux du Québec et Ressources Québec inc.  
Gîte
- T** **Niobec - REE Zone**  
Niobec inc.  
Gîte
- U** **Carbonatite de Montviel**  
Ressources Géoméga inc.  
Gîte



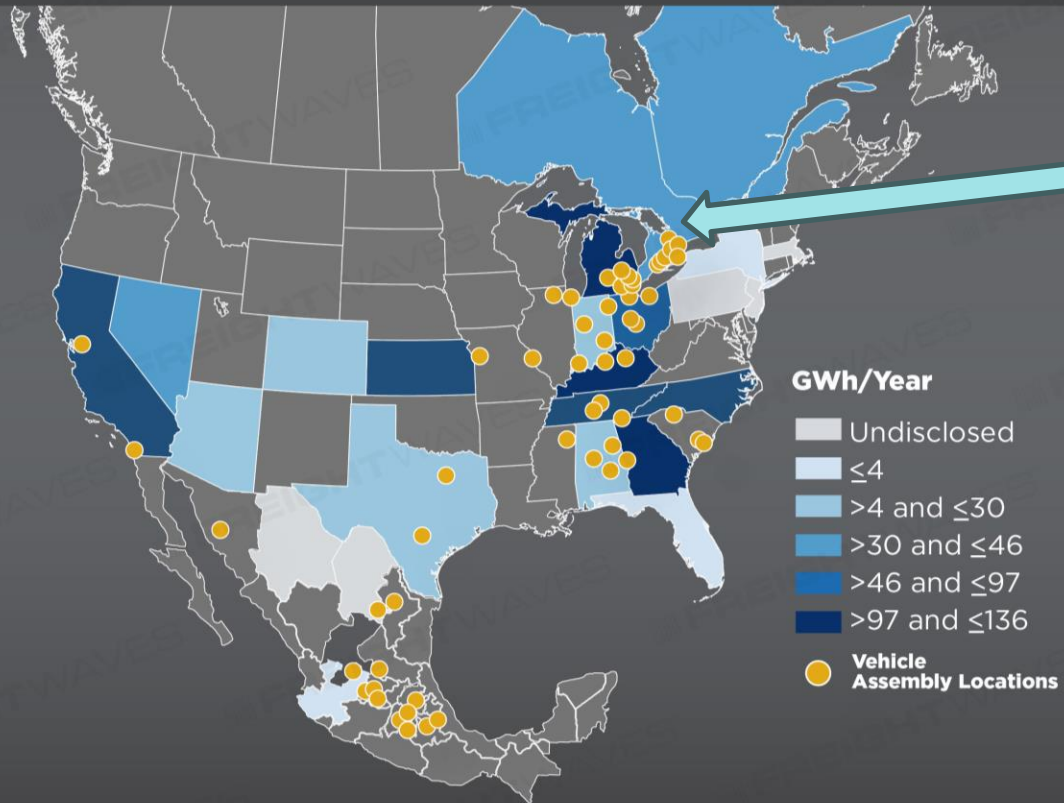
# Lomiko advantage: Ranked as the seventh biggest deposit worldwide by Mining.COM

	Property	Country	Owner	Development Status	M+I Resources (mt)	Grade (%)	Contained Graphite (mt)
1.	Balama/Nicanda Hill	Mozambique	Triton Minerals Ltd	Stalled (previously Feasibility)	369	11.3	41.7
2.	Sarytogan	Kazakhstan	Sarytogan Graphite Limited	Prefeasibility	126	28.8	36.3
3.	Lac Gueret (Uatnan)	Canada	Mason Resources Inc	PEA	66	17.19	11.3
4.	Mahenge	Tanzania	Black Rock Mining Ltd	Permitting	116	8.02	9.3
5.	Siviour	Australia	Renascor Resources Limited	Permitting	73	7.14	5.2
6.	Epanko	Tanzania	EcoGraf Ltd	Permitting	63	7.6	4.8
7.	La Loutre	Canada	Lomiko Metals Inc	Prefeasibility	65	4.5	2.9
8.	Malingunde	Malawi	NGX Limited	Prefeasibility	37	7.37	2.7
9.	Balama Central	Mozambique	Tirupa Graphite plc	Permitting	27	10.24	2.7
10.	Bunyu	Tanzania	Volt Resources Limited	Feasibility	40	5.64	2.3

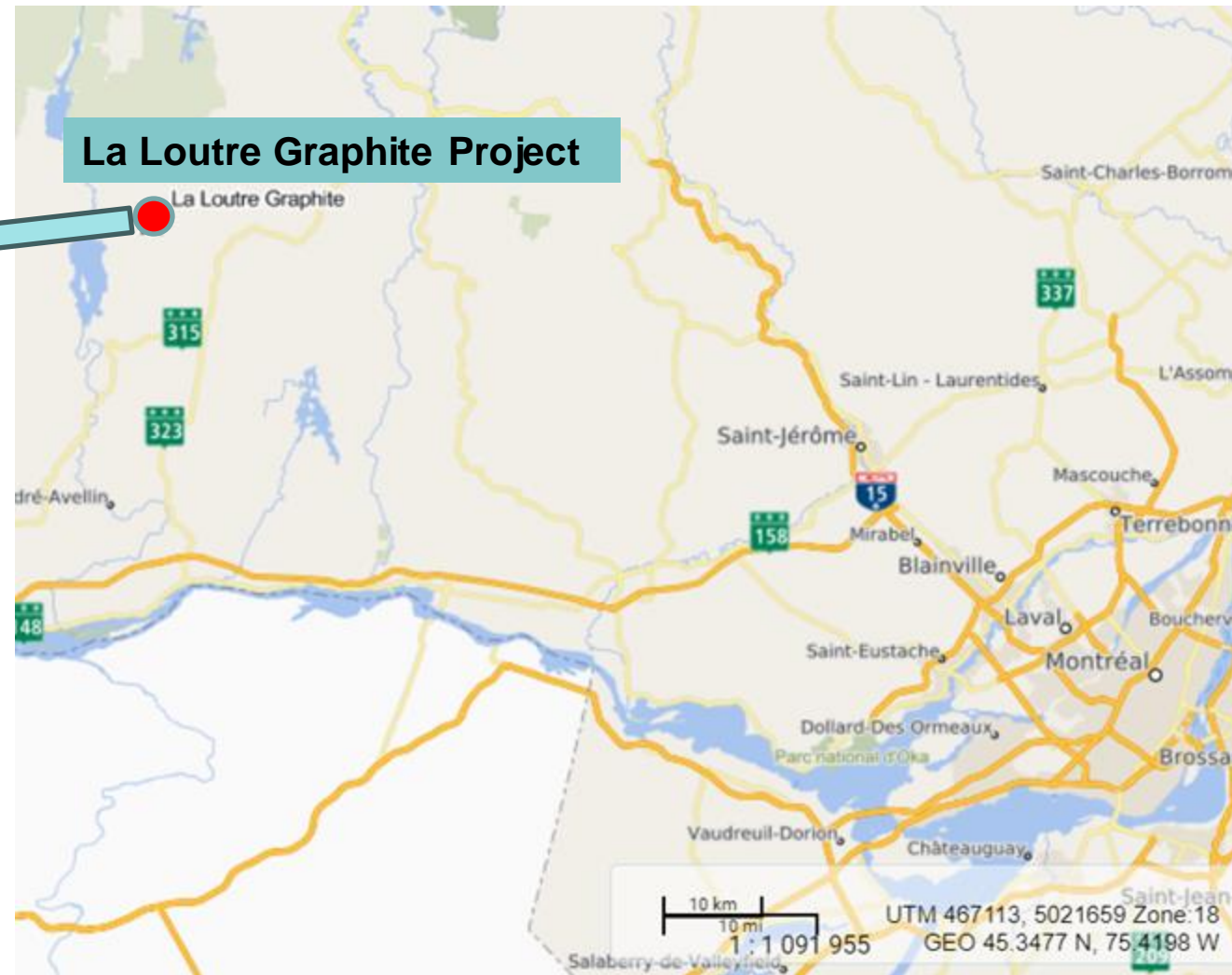


# Lomiko is poised to be the responsible developer of choice in the South of Quebec

**Planned Battery Plant Capacity in North America by 2030**



**Note\*** Capacities of some factories were estimated based on their investments and numbers of vehicles they serve.  
**Source:** energy.gov



**Source:** NI 43-101 Technical Report and Preliminary Economic Assessment (July 2021)

# Lomiko collaborations



# May 16 Announcements

# Summary of DoD Technology Investment Agreement

- ✓ Award: US\$8.35m
- The TIA agreement entered into with the DoD is to complete three distinct phases of research and development work with independent experts and consultants over a 5-year period to develop, test and prove a production process from natural flake graphite into cSPG anode-grade material
- Lomiko has de-risked 50% of study costs to US\$8.35m grant
- This funding supports the full vision and values of Lomiko for a decarbonized mine model, community-focused studies, and ongoing metallurgical test work

Phase 1: Completion of a Pre-Feasibility Study (PFS) and all environmental studies

Phase 2: Completion of metallurgical studies and bulk sample, including cSPG

Phase 3: Completion of a Definitive Feasibility Study (DFS)



# Summary of CMRDD program administered by Natural Resources Canada

- ✓ Award: CA\$4.9m
- The CMRDD program administered by Natural Resources Canada is to pilot the integrated graphite upgrading process with a 200 mt bulk sample over 3 years for a total contribution agreement of CA\$6.6m where Lomiko will contribute 25% of this funding
- It supports four tasks: these tasks complement Phase 2 of the DoD grant
- All work and equipment will be in a Canadian lab setting

Task 1: Crushing, grinding and flotation of La Loutre graphite

Task 2: Chemical and thermal purification of graphite concentrate

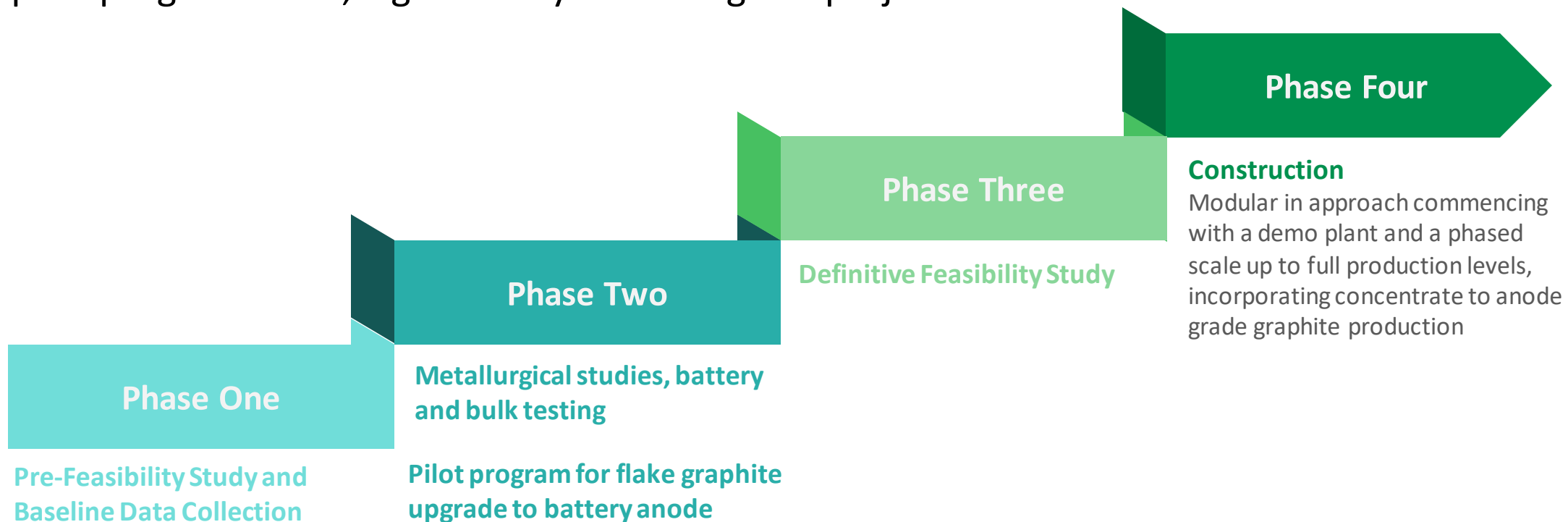
Task 3: Micronization and spheriodization of the flotation concentrate

Task 4: Carbon coating of purified graphite

# La Loutre Development

A de-risked path to continued development of this strategic critical mineral asset

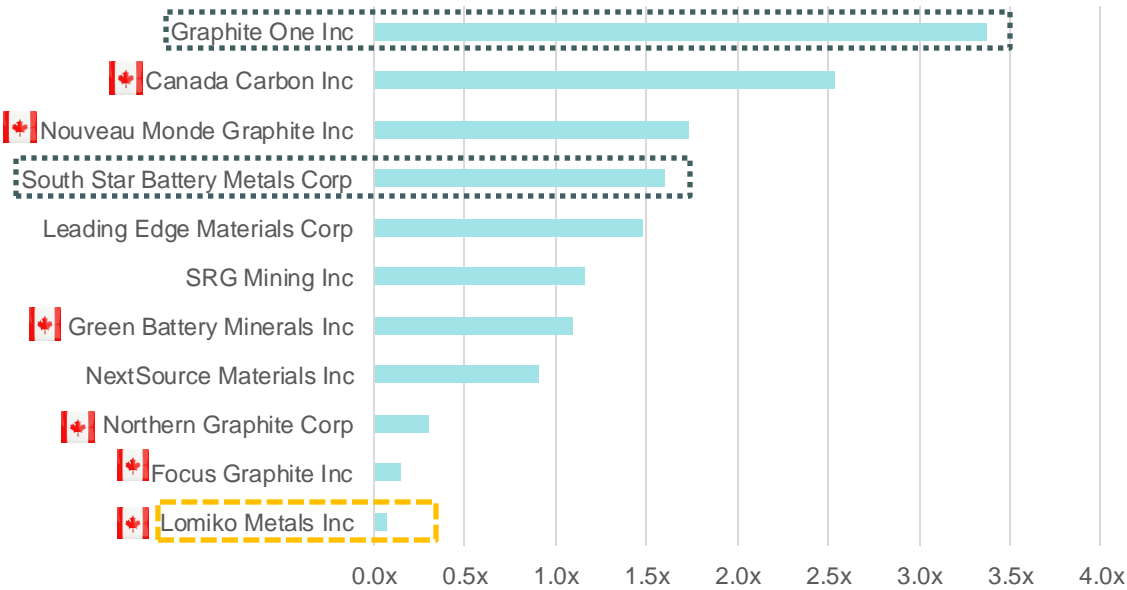
- The U.S. DoD has provided a grant for **50%** of the study costs and NRCan is contributing **75%** of the pilot program costs, significantly de-risking the project.



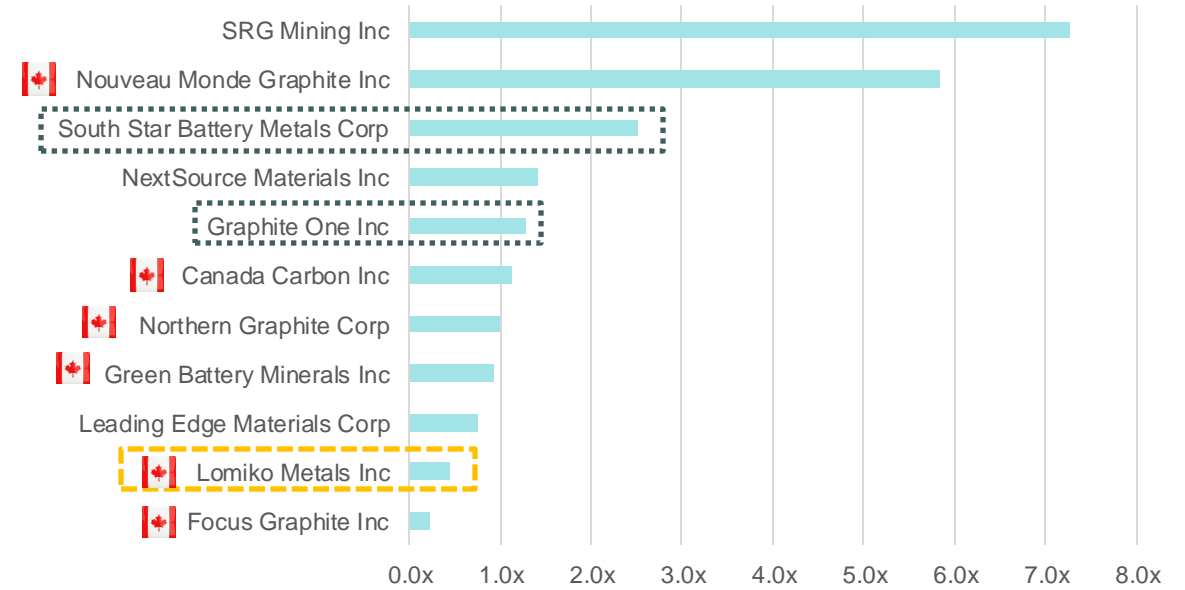
# Comparable Analysis

- Lomiko is at an attractive valuation with significant near-term upside from a de-risked La Loutre project.
- Strategic critical mineral asset with 2.9Mt of in-situ graphite is a catalyst to support the clean energy transition

EV/Resource (M&I)



Price/Book (mrq)



DoD grant award

Canadian mineral interests

# Market for Graphite



# The China dynamic

China is the world's top graphite producer and exporter and refines more than 90% of the world's graphite

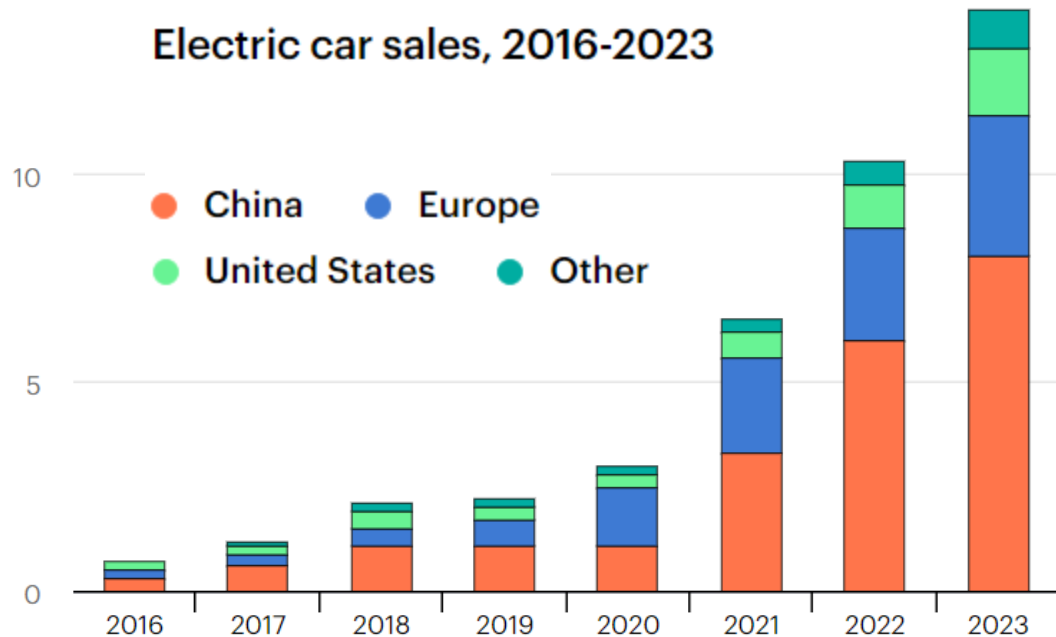
- Trade war on critical minerals has been ongoing
- China declared its intention to implement export permits for certain graphite products to safeguard national security in December 2023.

The USA response:

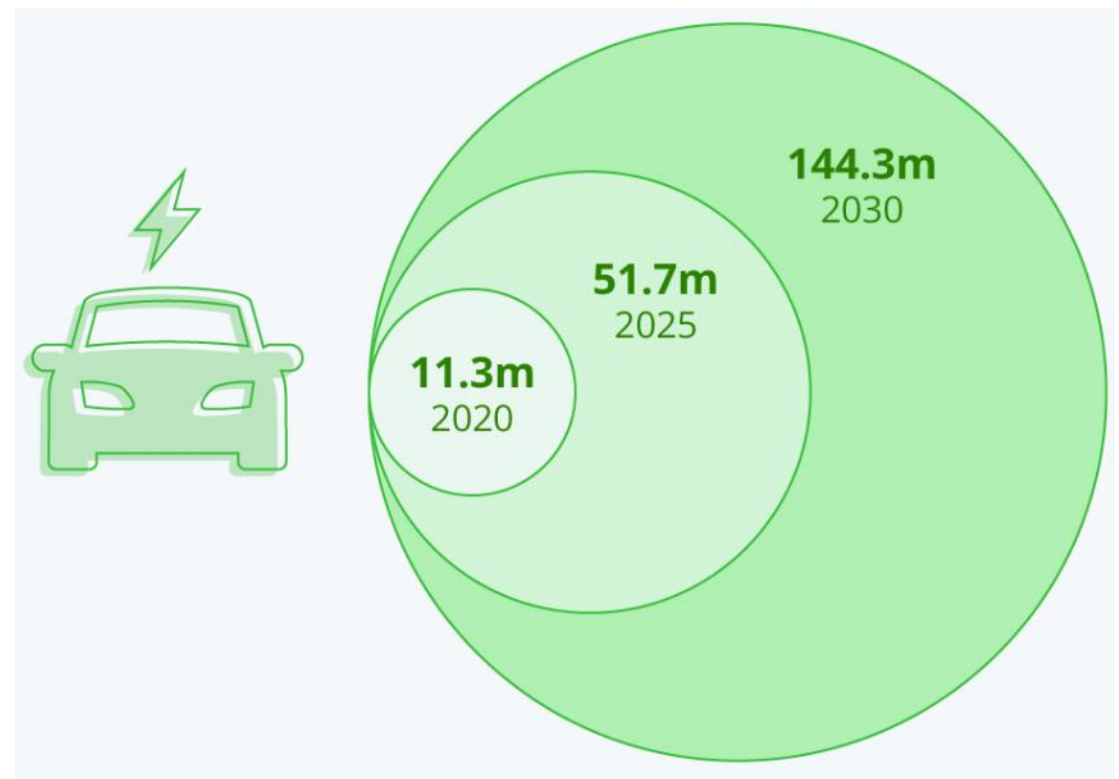
1. The tariff rate on lithium-ion EV batteries will increase from 7.5% to 25% in 2024
2. The tariff rate on lithium-ion non-EV batteries will increase from 7.5% to 25% in 2026
3. The tariff rate on battery parts will increase from 7.5% to 25% in 2024
4. **The tariff rate on natural graphite and permanent magnets will increase from zero to 25% in 2026**

# The EV market is in high growth mode

- International Energy Agency (IEA): the number of electric cars, vans, trucks and buses on roads is forecast to grow from 11M in 2020 to 145M by 2030 (Right)
- In 2022, China accounted for over 50% of all EVs on the road (13.8M of 26M globally)



Source: IEA, Statista

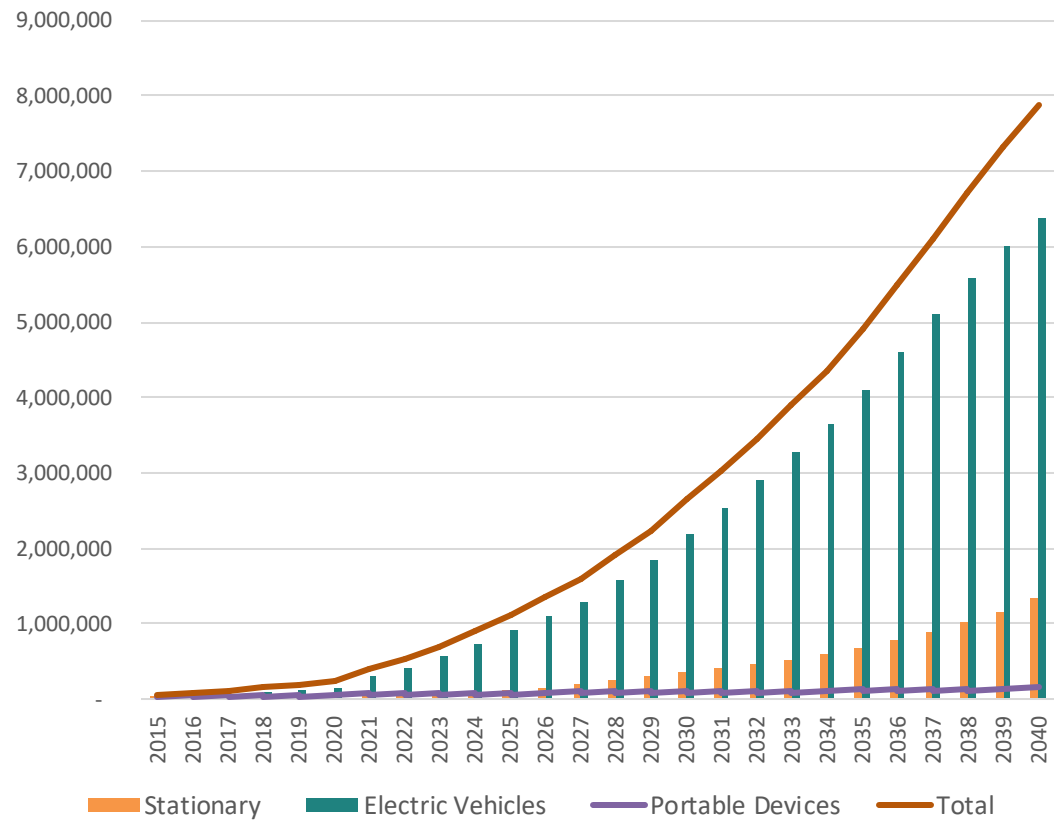


The surging EV market is expected to wipe out demand for millions of barrels of oil. By 2030, existing policies could result in 2M barrels of petrol and diesel fewer per day with the equivalent of up to 120Mt of carbon dioxide saved (Forbes)

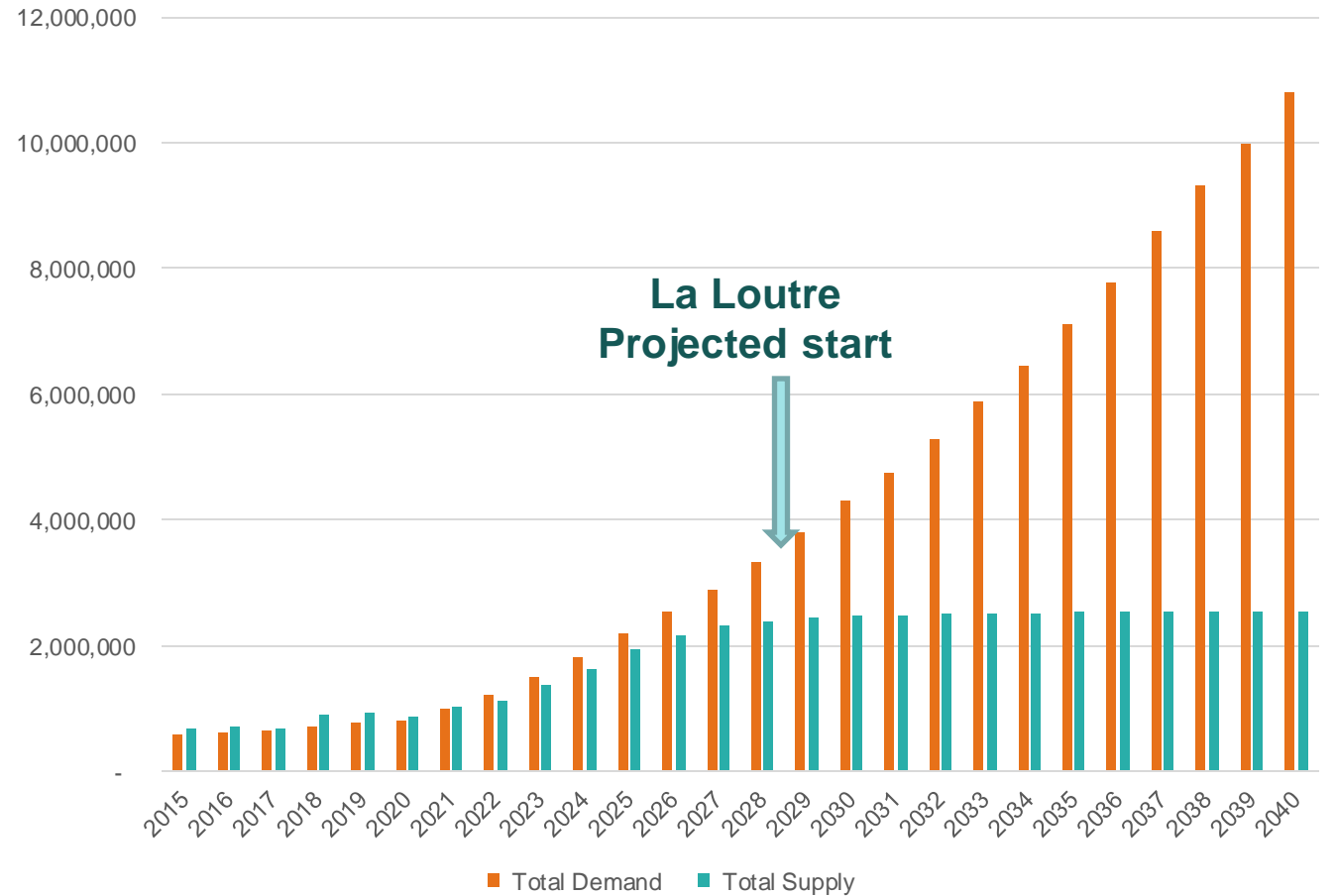
# Graphite shortfall starting in 2023

## Shortfall to increase to 8Mt by 2040

Projected Anode Demand (Mt)



Graphite Market Balance - Projected Demand and Supply (Mt)



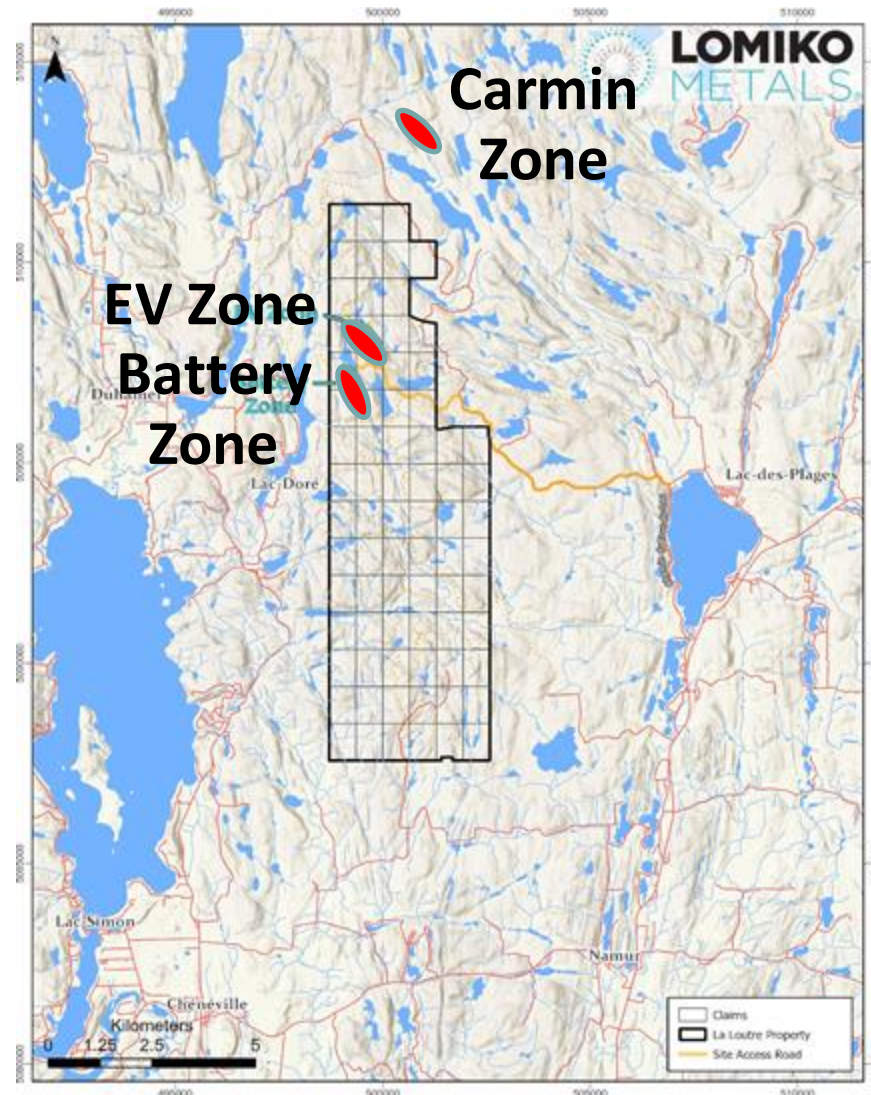
# La Loutre Graphite Project



# La Loutre PEA details dated September 2021

- Two known deposits currently being explored: EV Zone and Battery Zone
- LOM plant production of 21.8 Mtonnes of mill feed at 6.78% Cg diluted
- **Graphite concentrate production at 1.43 Mtonnes grading 95.0% Cg**
- 14.7-year mine life producing 100,000tpy of graphite
- **Exceeded PEA test with PFS level testing** - Open circuit variability flotation tests produced concentrate grades between **97.9% and 99.7% Cg with 9.47% recoveries!**
- Focused footprint relative to claim size

## Carmin Acquisition – historic PFS



# Achieving 184% Increase in Tonnage Indicated Mineral Resources

La Loutre Resource Estimate (Effective Date: March 31, 2023)

Source: InnovExplo March 2023

Deposit		2023 MRE			2021 MRE		
		EV	Battery	TOTAL	EV	Battery	TOTAL
Cut-off (%) Cg		1.5	1.5	1.5	1.5	1.5	1.5
Indicated mineral resource	Tonnage (kt)	24,267	40,429	64,696	8,158	15,007	23,165
	Graphite (%)	5.80	3.86	4.59	6.48	3.44	4.51
	Graphite (kt)	1,407	1,562	2,969	529	516	1,045
Inferred mineral resource	Tonnage (kt)	3,067	14,384	17,452	12,829	33,992	46,821
	Graphite (%)	4.29	3.60	3.72	5.81	3.33	4.01
	Graphite (kt)	132	518	650	745	1,132	1,878

Notes to accompany the Mineral Resource Estimate:

1. The independent and qualified persons for the mineral resource estimate, as defined by NI 43 101, are Marina Iund, P.Geo. (InnovExplo Inc.), Martin Perron, P.Eng. (InnovExplo Inc.), Simon Boudreau, P.Eng. (InnovExplo Inc.) and Pierre Roy, P.Eng. (Soutex Inc.). The effective date of the estimate is March 31st, 2023.
2. These mineral resources are not mineral reserves as they do not have demonstrated economic viability. The mineral resource estimate follows current CIM Definitions (2014) and CIM MRMR Best Practice Guidelines (2019).
3. The results are presented undiluted and are considered to have reasonable prospects of economic viability.
4. The estimate encompasses two mineralized domains (EV and Battery) using the grade of the adjacent material when assayed or a value of zero when not assayed.
5. No capping was applied on 1.5m composites.
6. The estimate was completed using sub-block model in Leapfrog Edge 2022 with user block size of 5m x 5m x 5m and minimum block size of 2.5m x 2.5m x 2.5m. Grades interpolation was obtained by ID2 using hard boundaries.
7. Bulk density values were applied by lithology (g/cm<sup>3</sup>): low grade zone = 2.82; high grade zone = 2.82; paragneiss = 2.8; quartzite = 2.73; pegmatite = 2.63, marble = 2.75 and OB = 2.0.
8. The mineral resource estimate is classified as indicated and inferred. The Indicated mineral resource category is defined with a minimum of three (3) drill holes in areas where the drill spacing is less than 55 m, and reasonable geological and grade continuity have been demonstrated. The Inferred category is defined with a minimum of two (2) drill holes in areas where the drill spacing is less than 100m, and reasonable geological and grade continuity have been demonstrated. Clipping boundaries were used for classification based on those criteria.
9. The mineral resource estimate is pit-constrained with a bedrock slope angle of 45° and an overburden slope angle of 30°. It is reported at a graphite cut-off grade of 1.5%. The cut-off grade was calculated using the following parameters: processing cost = C\$13.04; product transporting cost = C\$41.16; mining cost (rock) = C\$3.70; mining cost (OB) = C\$2.90; graphite price = US\$1,098.07 /tonne of graphite; USD:CAD exchange rate = 1.32; graphite recovery to concentrate product = 94.7%. The cut-off grade should be re-evaluated in light of future prevailing market conditions (metal prices, exchange rates, mining costs etc.).
10. The number of metric tons was rounded to the nearest thousand, following the recommendations in NI 43 101 and any discrepancies in the totals are due to rounding effects.
11. The authors of MRE are not aware of any known environmental, permitting, legal, title-related, taxation, socio-political, or marketing issues, or any other relevant issue not reported in the Technical Report, that could materially affect the Mineral Resource Estimate.

# La Loutre Graphite Met Studies - Summary

## ✓ **SGS & Metpro Characterization Study, Feb 2023**

640kg core sample that was homogenized and used to test the graphite mineralization. Optimization of the flotation circuit resulted in achieving 94.7% recovery and reconciled LCT (Locked Cycle Testing) testing grades at 99.1%Cg

## ✓ **ProGraphite SPG Study, May 2023**

A 10.5 kg bulk flotation sample was micronized, spheroidized, and purified to produce spheroidized and purified graphite (SPG). All physical characterization tests meet the target values for Electric Vehicles and other lithium-ion based battery applications

# La Loutre Graphite Met Studies - Summary

## ✓ **Polaris Study Phase 1 & Phase 2, January & April 2024**

Polaris tested electrochemical characteristics of cSPG (coated spherical graphite) by subjecting a half-cell coin and a single-layer pouch full-cell batteries demonstrating that La Loutre cSPG quality is meeting or surpassing industry standards.

Both SPG16 and SPG20 perform well as compared to commercial graphite reference material for charge and discharge capacities, first cycle loss coulombic efficiency, and gravimetric capacity. With these electrochemical performance results produced by Polaris

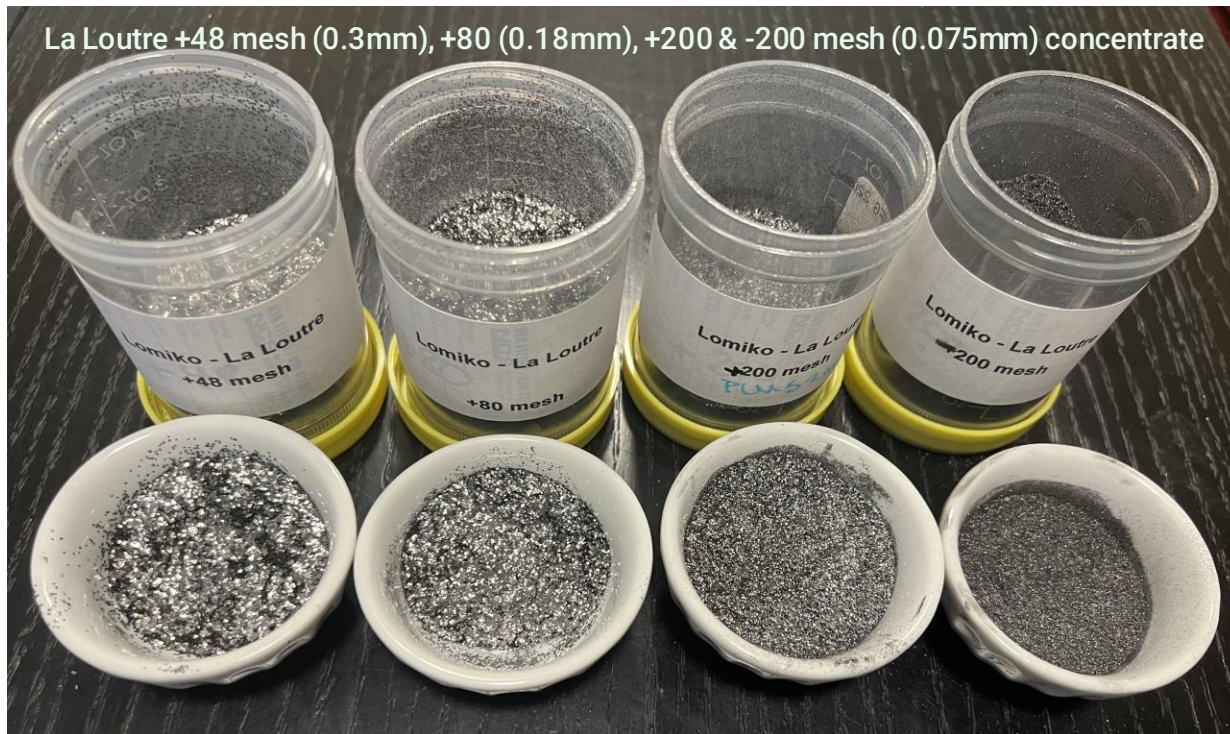
**Lomiko has now successfully demonstrated the full value chain  
from ore to battery anode material on samples from the La Loutre project**



# SGS Characterization Study, 2023

## 67% fines content in the flotation concentrate

- La Loutre flake distribution is ~67% fines - suitable for anode market **37% growth year over year!**
- -100 mesh is used most commonly in SPG (spherical graphite) as a precursor for battery production



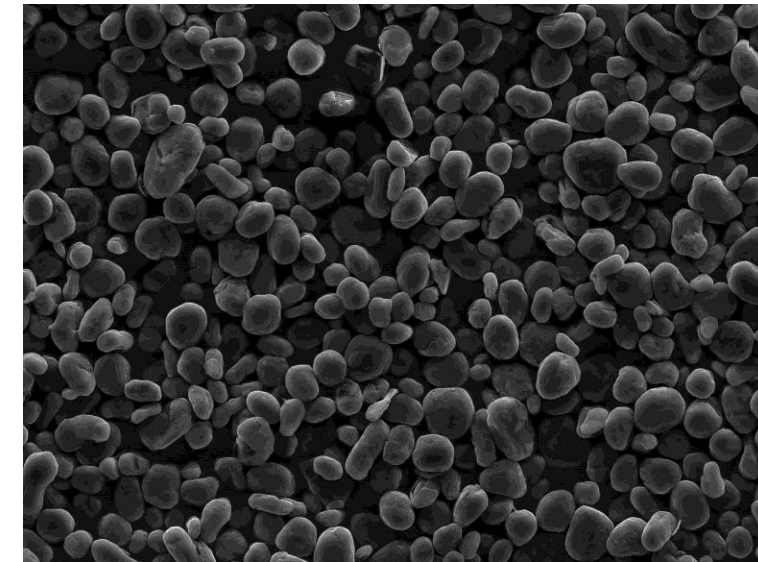
Size Fraction Analysis of Combined Concentrate of LCT – PFS Level MetPro Report Feb 2023

Size (Mesh)	Size (µm)	Mass (%)	C(t) (%)	C(t) Distribution (%)
32	500	0.4	98.3	0.4
48	300	5.6	98.7	5.5
80	180	18.1	98.3	17.9
100	150	9.5	98.8	9.4
150	106	17.0	99.4	17.1
200	75	18.6	99.6	18.7
325	45	18.2	99.5	18.2
-325	-45	12.7	99.1	12.7
Final Concentrate		100	99.1	100

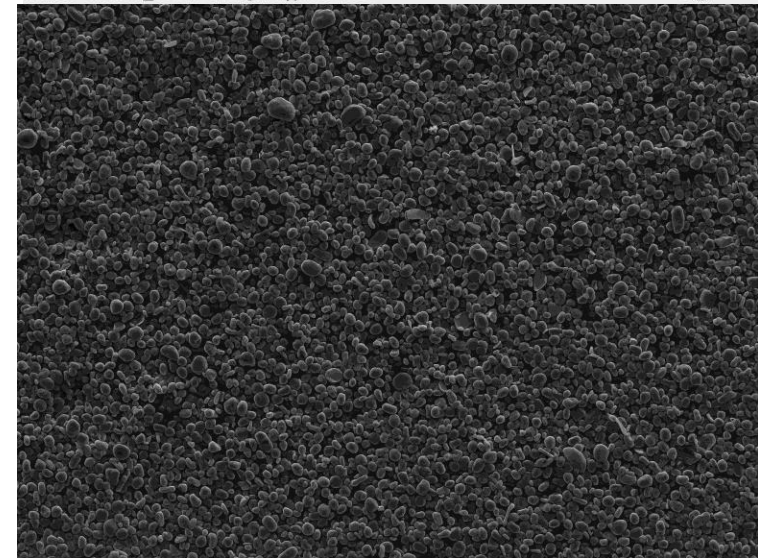
33% of +100 mesh

# La Loutre metallurgical program 99.99% purified graphite content

- ✓ Completed PFS level met testing and optimized flow sheet
- ✓ Completed value-added testing with ProGraphite – micronization, spheroidization, and purification:
- ✓ **Proved that La Loutre material is suitable for battery applications - Spherical Graphite production yielded excellent results**
- ✓ **Achieving excellent 99.99%Cg SPG and flake purity**
- ✓ All physical characterization tests produced excellent results
- ✓ Achieved continuous and reliable production of micronized products with homogenous properties.
- ✓ Low specific energy input to convert the La Loutre flotation concentrate to micronized material.



SEM HV: 20.00 kV WD: 17.92 mm  
View field: 288.9 µm Det: SE 50 µm  
Name: V409LO\_00009 Date(m/d/y): 05/10/23  
VEGA\\ TESCAN  
GeoZentrum  
Nürnberg

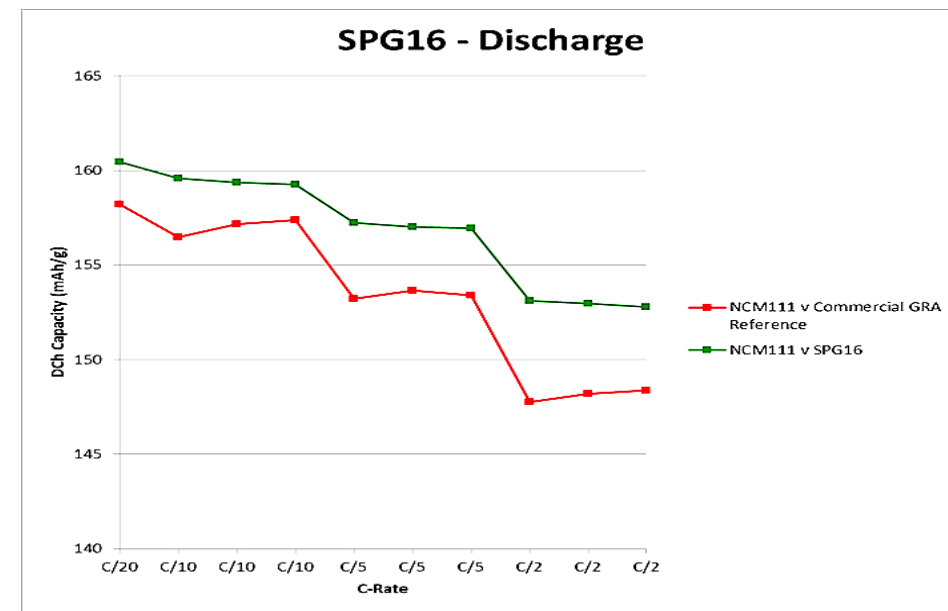


SEM HV: 20.00 kV WD: 17.92 mm  
View field: 1.16 mm Det: SE 200 µm  
Name: V409LO\_00012 Date(m/d/y): 05/10/23  
VEGA\\ TESCAN  
GeoZentrum  
Nürnberg



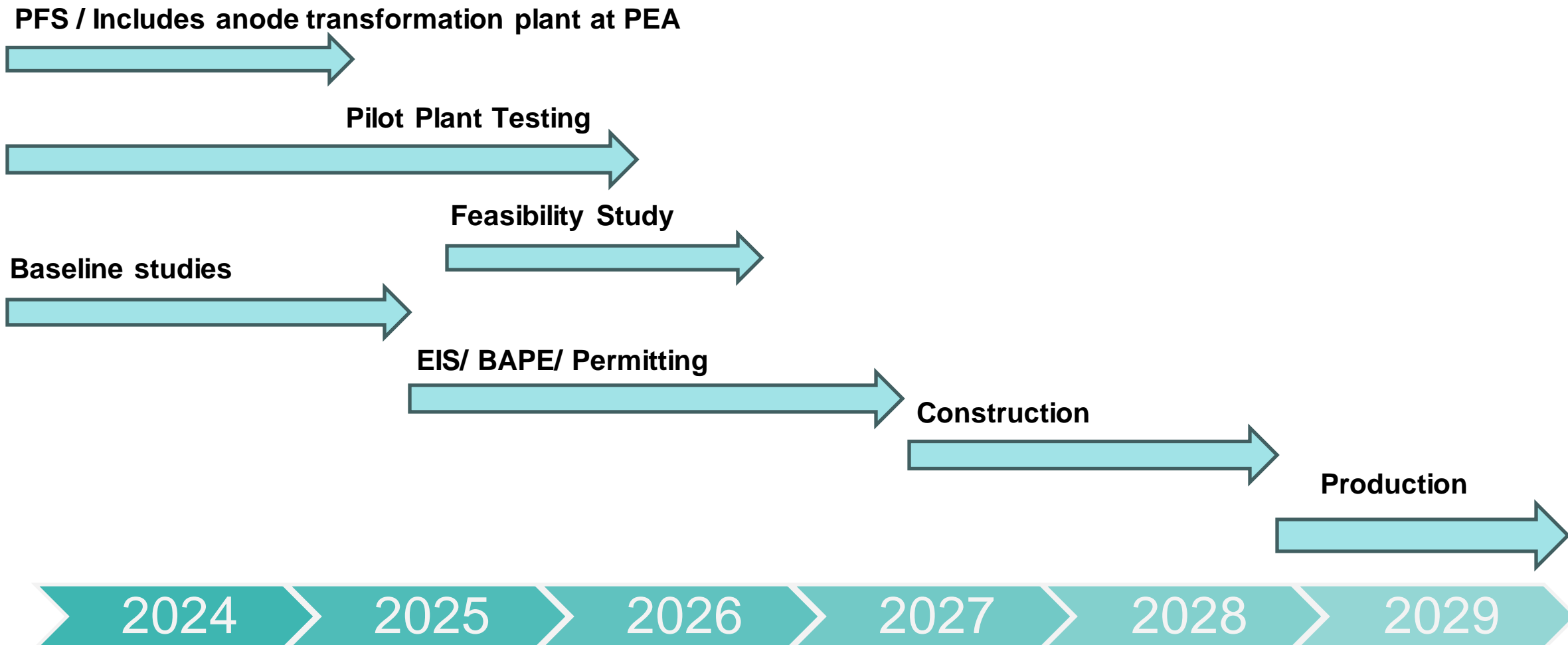
# La Loutre single layer pouch full-cell battery testing met and surpassed commercial graphite results

- ✓ Demonstrated that La Loutre material is suitable for battery applications – single layer pouch full cell battery testing completed with Polaris Battery Labs, LLC, USA,
- ✓ The single-layer pouch cells constructed with La Loutre graphite anode and standard cathode material: cSPG16 and cSPG20 samples from La Loutre reveal strong performance of the La Loutre cSPG with better discharging capacity compared to commercial graphite material in North America today.
- ✓ Both samples were put through a brief life cycle analysis for 25 cycles at C/2 and performed well.
- ✓ Figure top - Lomiko graphite Single layer pouch batteries produced and tested by Polaris
- ✓ Figure bottom - SPG20 sample from La Loutre has better charging/discharging capacity compared to commercial graphite in the market today in North America.



# La Loutre graphite development milestones

- Permitting and capital dependent – 100,000tpa flake concentrate



# Lomiko Exploration Potential



# Graphite: Carmin

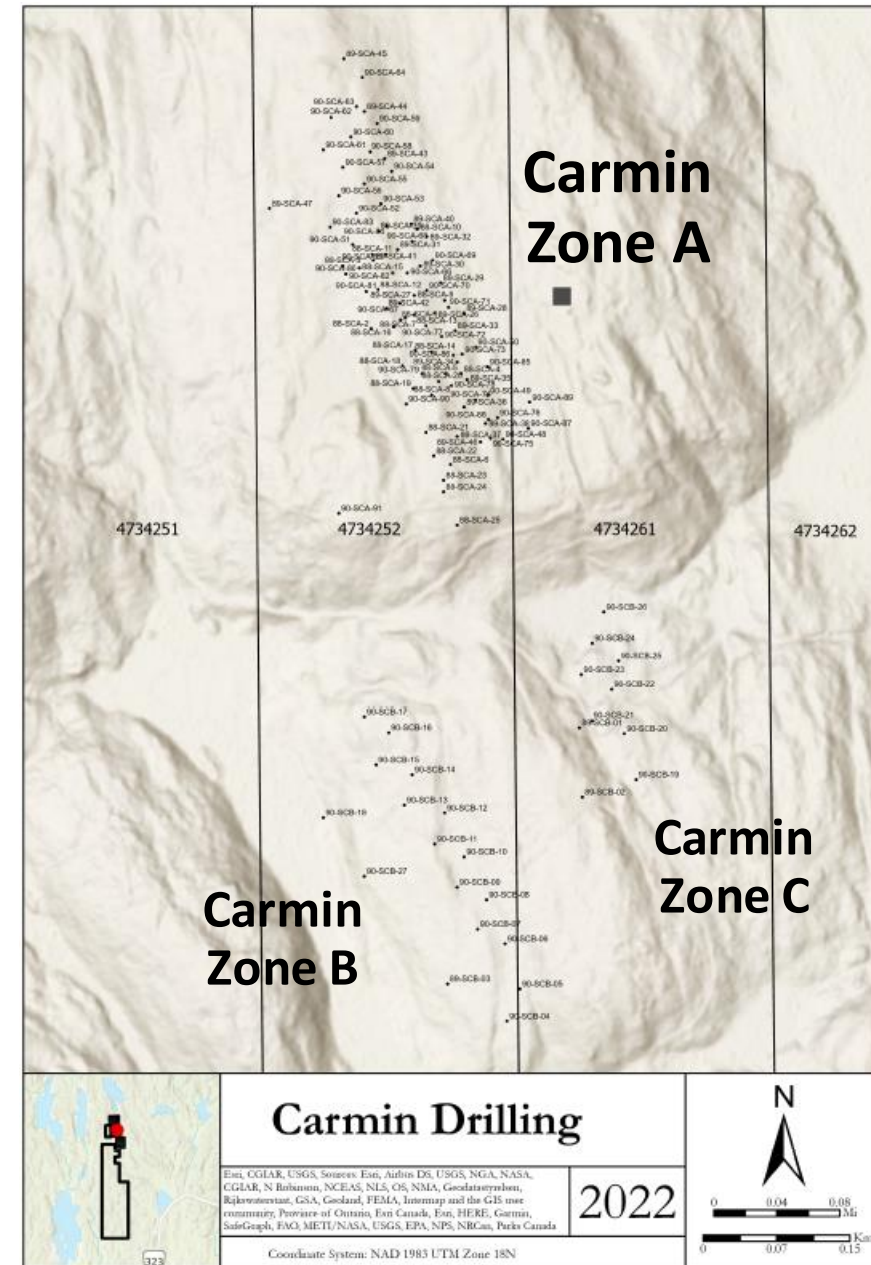
## Carmin - historic PFS contiguous to La Loutre

The original historical estimate contemplated certain assumptions where the mineral resources are stated as Proven and Probable resources for Sites A and B.

- Site A: total 1.55 Mt at 10.0% Cg
  - Proven: 1.47 Mt at 10.29% Cg (drilled at 25meters spacing) – likely measured
  - Probable: 0.073 Mt at 4.10% Cg
  - In-situ graphite Content:155,000t
- Site B: total at 0.262Mt at 13.1%Cg
  - Proven 123,000t at 13.1% Cg
  - Probable: 39,000t at 13.1% Cg

## Carmin Exploration Program 2024-2025

Update historical estimate for compliant NI 43-101 Technical report



# Regional exploration in Grenville belt

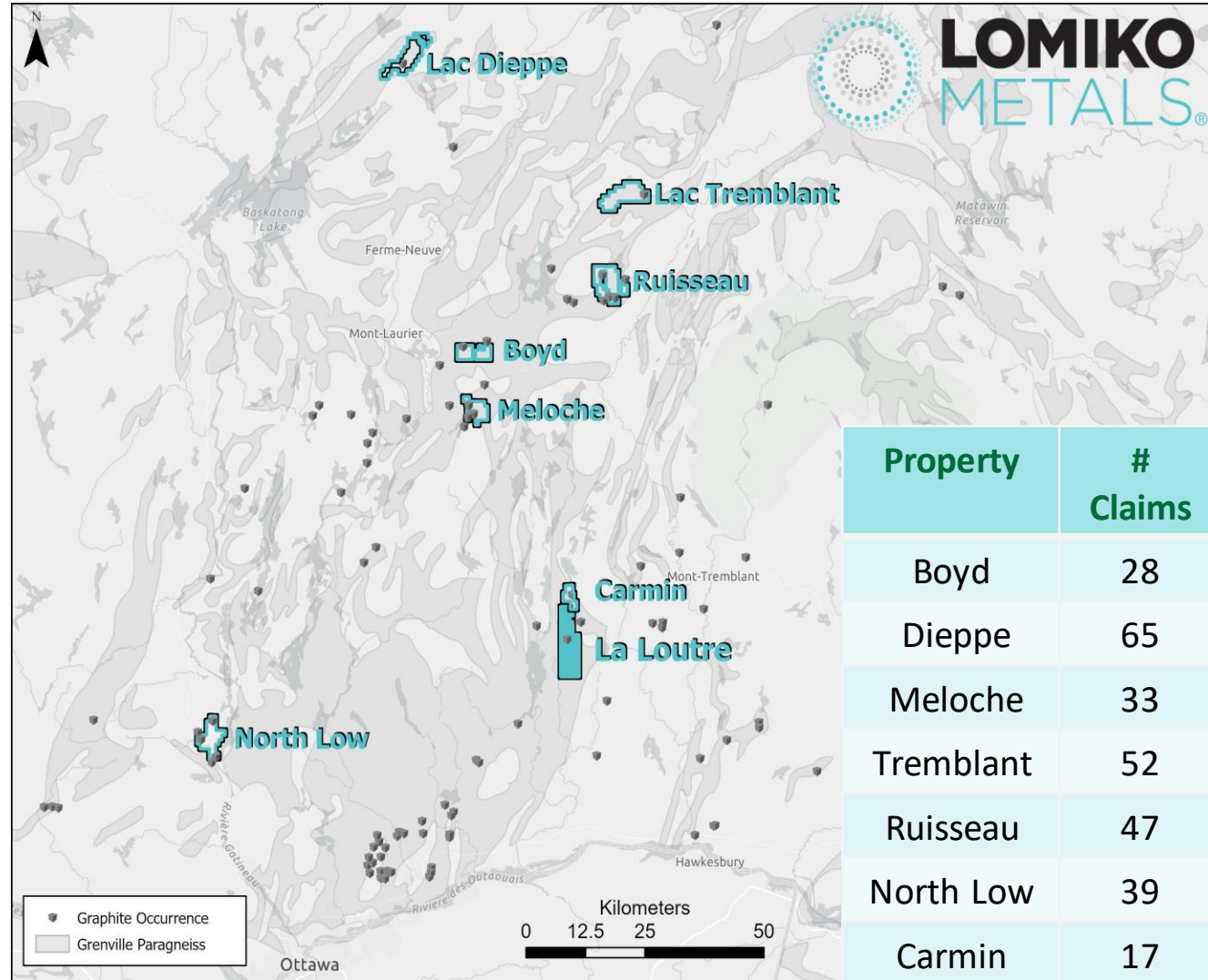
## Most prospective graphite belt in North America

- Completed 1,518-line kilometers of heliborne geophysical surveys completed over the six graphite properties, with 55 targets identified
- 264 claims in total on 6 early-stage projects covering 15,639 hectares in the Laurentian region of Quebec and within KZA territory

### Regional Exploration Program 2023-2024

- A field program is planned for 2024 to expand on the target sampling and surface mapping of the areas showing deposit grades

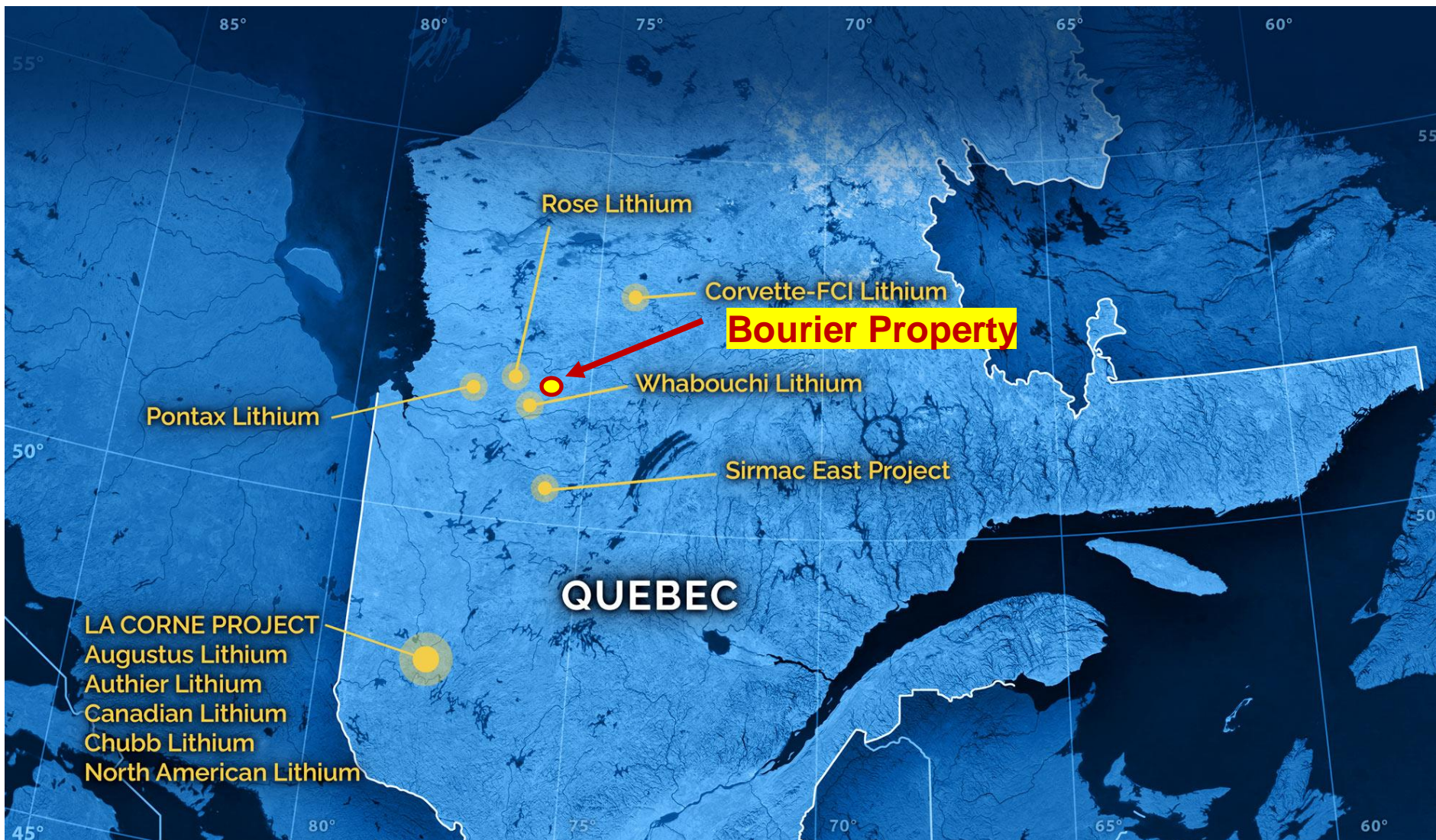
Block	# samples	Min %Cg	Max %Cg	Comments
Boyd	8	5.61	17.10	8/8 > 5.00% Cg
Dieppe	11	0.15	1.47	
Meloche	6	5.62	12.00	6/6 > 5.00% Cg
Ruisseau	26	0.16	22.90	19/26 > 5.00% Cg
Tremblant	6	<0.05	13.90	4/6 > 5.00% Cg



Property	# Claims
Boyd	28
Dieppe	65
Meloche	33
Tremblant	52
Ruisseau	47
North Low	39
Carmin	17



# Lithium exploration on massive claim package on Nemaska lithium corridor

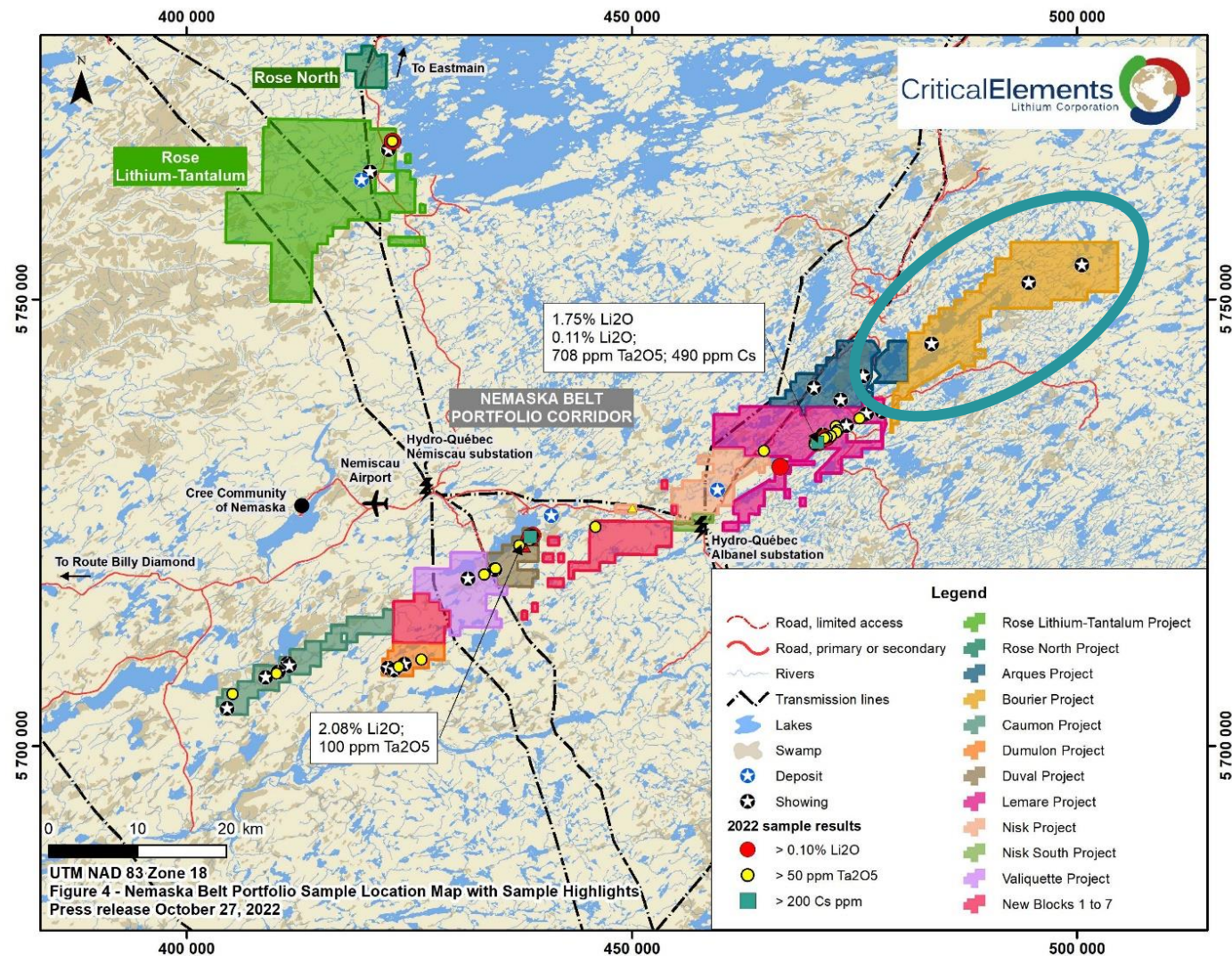




# Lithium exploration on massive claim package on Nemaska lithium corridor

## Bourier

- 49% ownership achieved
- 203 claims for a total ground position of 10,252 hectares (102 km<sup>2</sup>) that boasts other lithium deposits and known lithium mineralization
- Bourier consists of volcano-sedimentary units, sequence of quartz-rich paragneiss and late pegmatite dikes

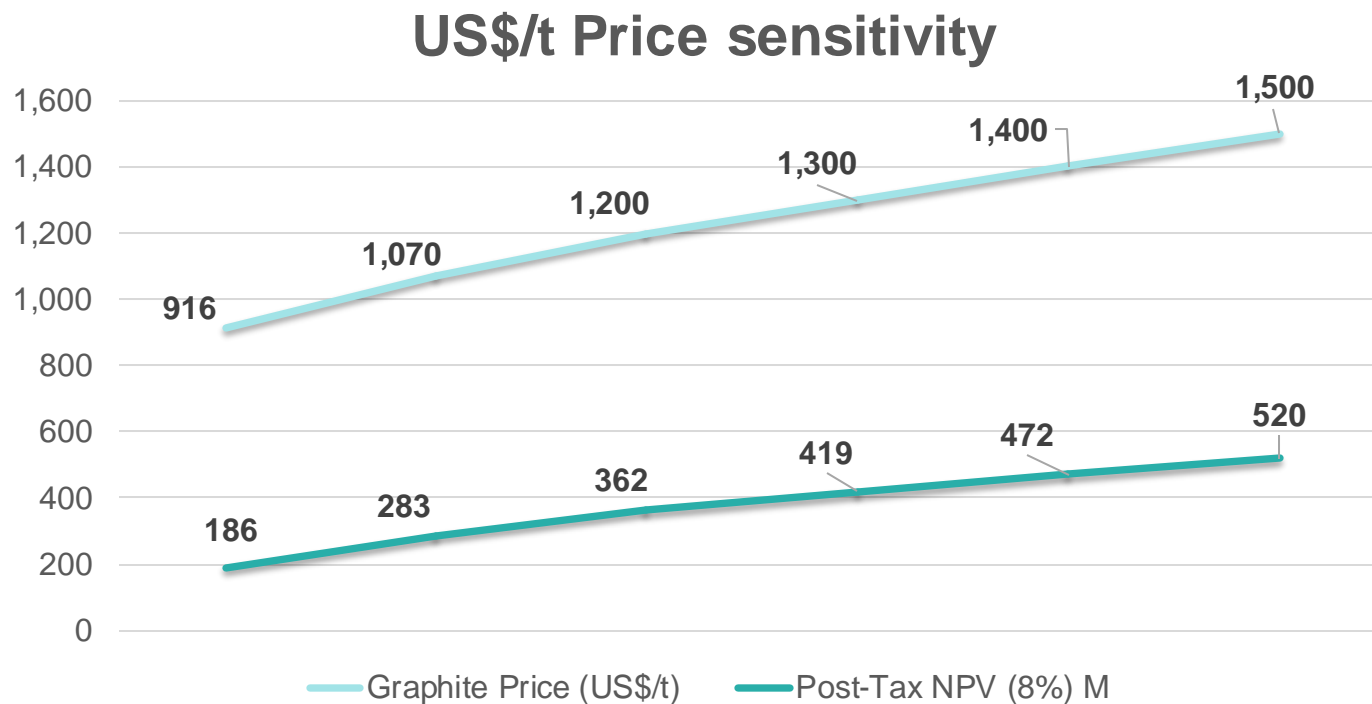


# Lomiko Advantage



# NPV scenario analysis: Positively leveraged to expected graphite price increases

- PEA used a graphite concentrate selling price of US \$916/t
- The current forecast selling price for +94%Cg is **US \$1,070/t** of graphite concentrate (source: Benchmark / Lone Star)
- **Current public information by graphite producers indicates a selling price of over US \$1,500/t**



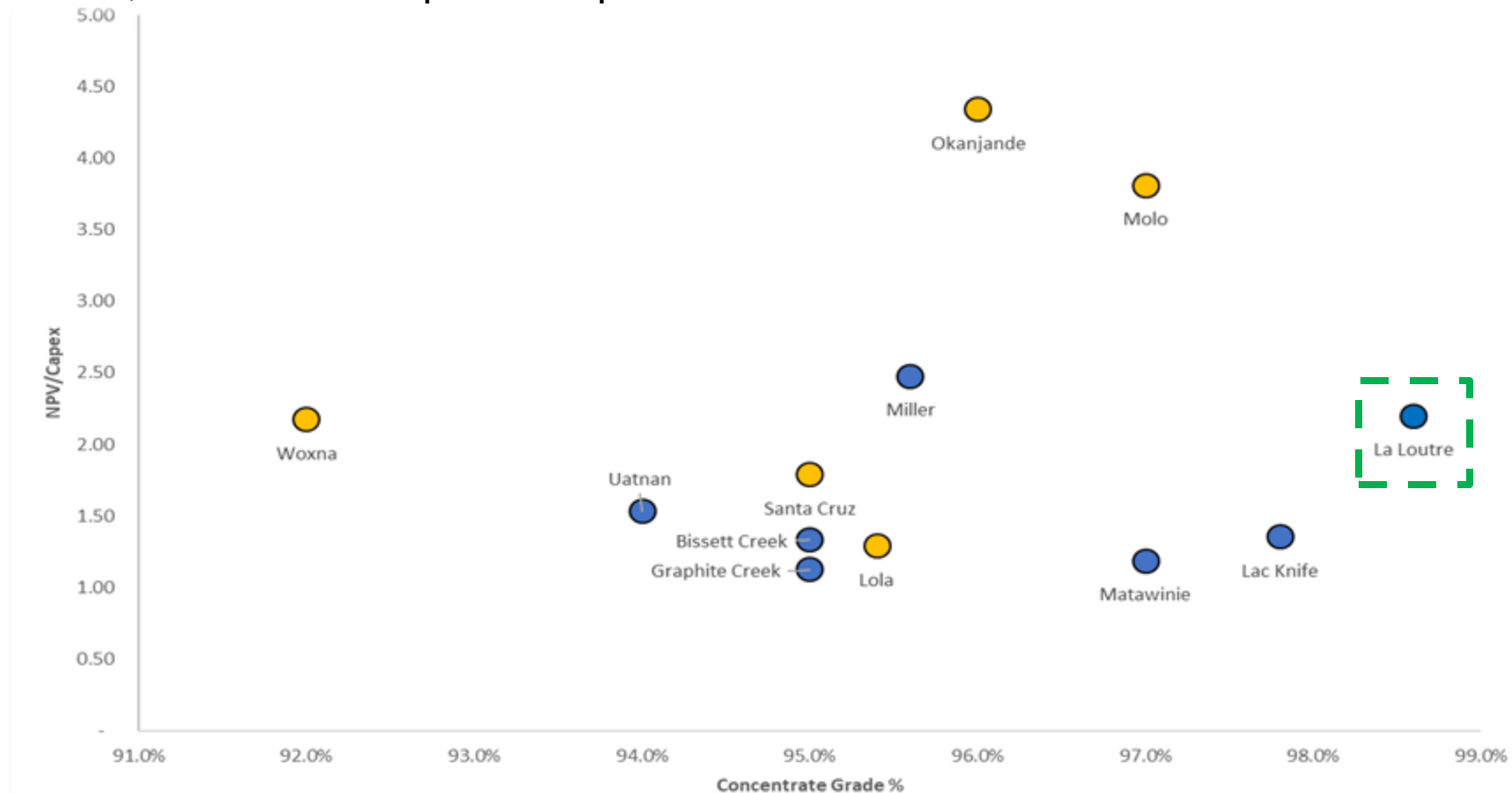
Graphite Price (US\$/t)	Post-Tax NPV (8%)	Post-Tax IRR %	Payback (yrs.)
\$916	\$186M	21.5%	4.2
<b>\$1,070</b>	<b>\$283M</b>	<b>27.8%</b>	<b>3.4</b>
\$1,200	\$362M	33.0%	2.9
\$1,300	\$419M	36.7%	2.6
\$1,400	\$472M	40.1%	2.4
<b>\$1,500</b>	<b>\$520M</b>	<b>43.4%</b>	<b>2.2</b>

Source: NI 43-101 Technical Report and Preliminary Economic Assessment (July 2021) (\$916, \$1,070, \$1,200, \$1,300, \$1,400 & \$1,500)

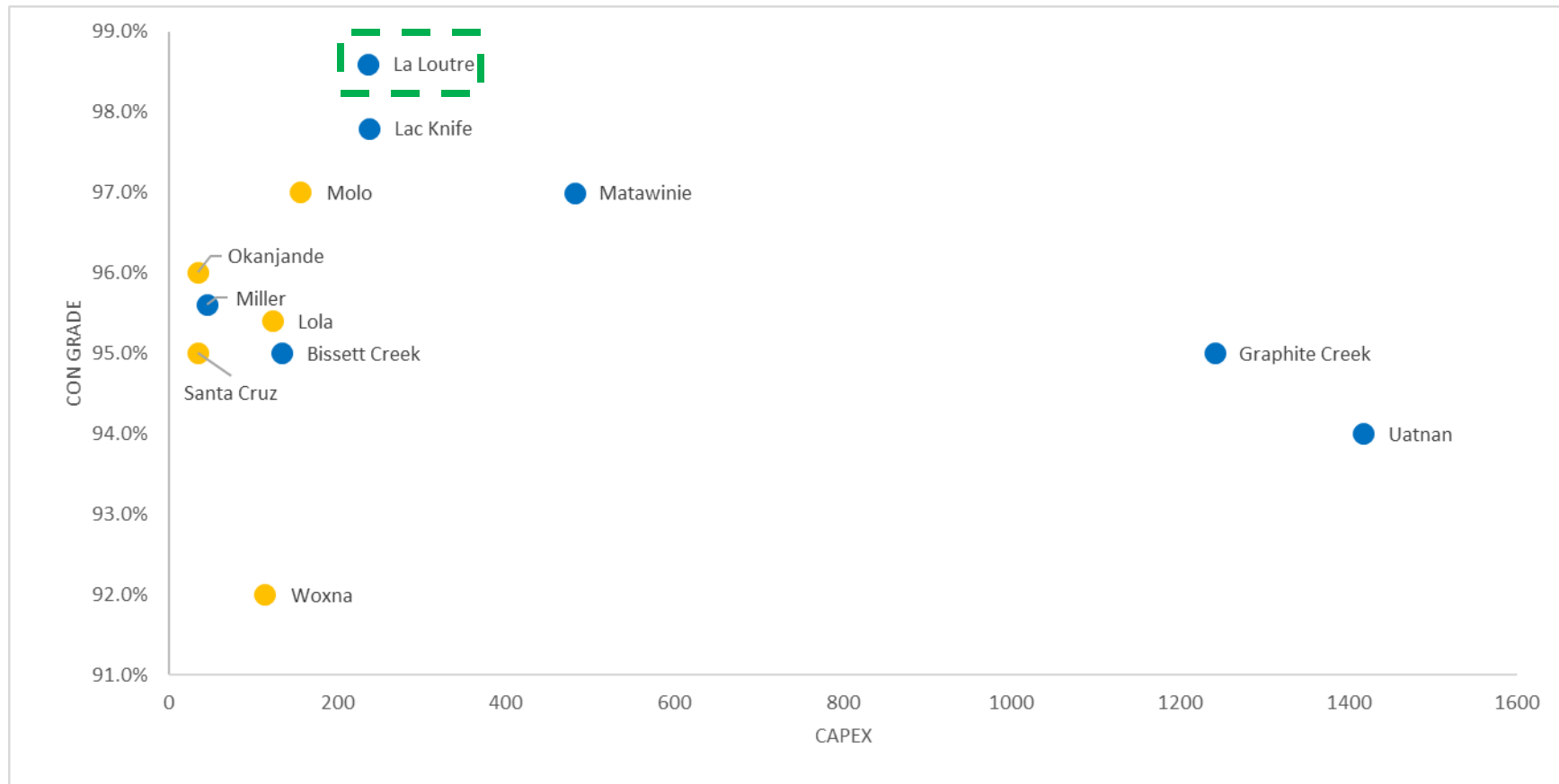
# Lomiko advantage:

## Concentrate Grade and NPV/Capex Multiple

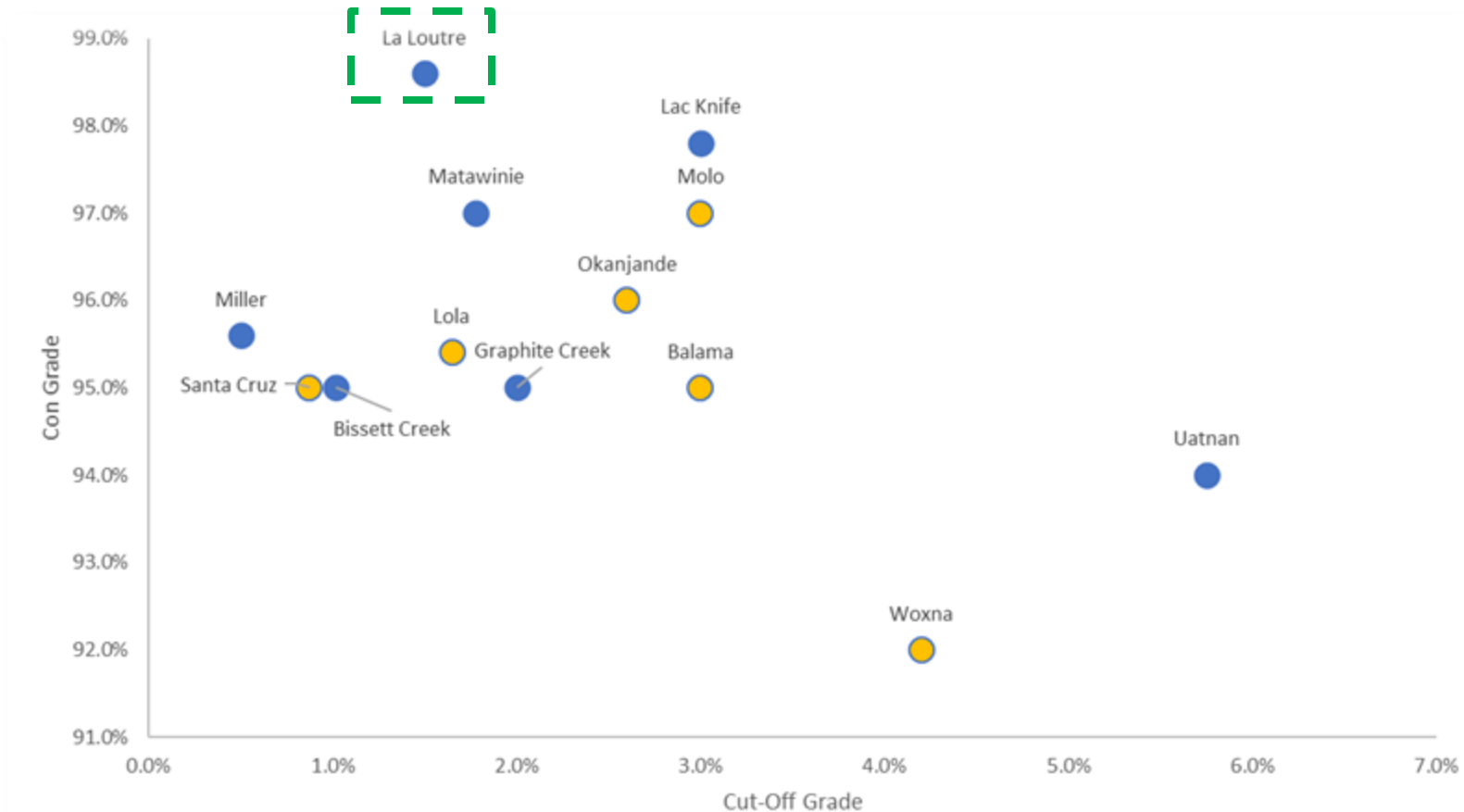
- Updating the Lomiko PEA for US \$1,500/t Graphite selling price improves on current solid project returns.
- The La Loutre project combines high-grade concentrate with compelling economics of a post-tax IRR of 43%, post-tax NPV of \$520M, and a NPV/Capex multiple of 2.2x



# Lomiko advantage: High Quality project with low capital requirements combined with High-Grade Graphite Concentrate



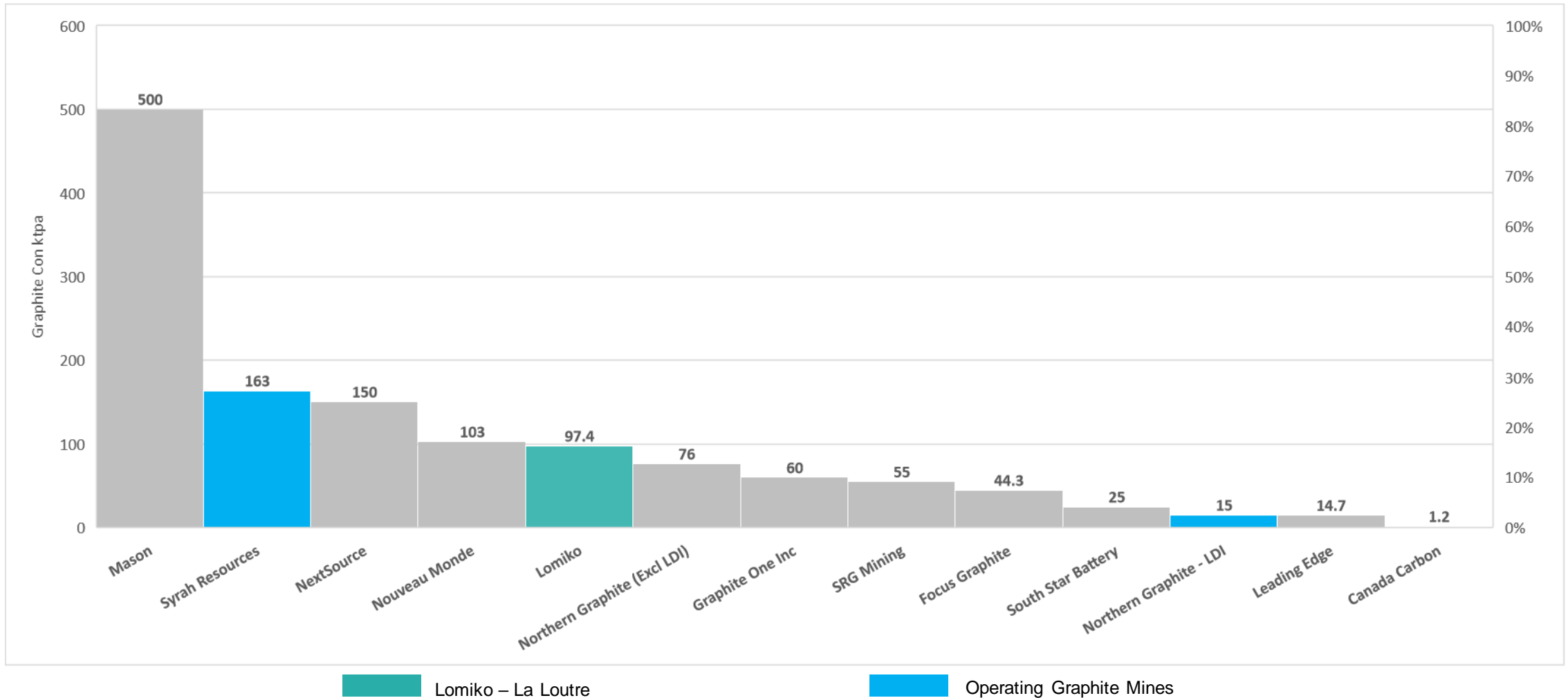
# Lomiko advantage: Cut-Off Grade & Graphite Con Grade Lower cost and higher recovery



Project Location

- Africa/Europe
- North America

# PEA: The La Loutre project delivers 97.4kt/year over a 15-year mine life – PEA only, expansion possible





# Diverse leadership & Experienced team and board

## MANAGEMENT TEAM

### **Belinda Labatte, CEO, CFA, MBA, ICD.D**

20 years experience in capital markets, mining, extractives. Fluent in French. Served as Chief Dev. Officer for Mandalay Resources

### **Gordana Slepcev, COO, P.Eng., M.Sc.**

Mining Engineer formerly served as COO for BMSI/BarCan and Anaconda Mining  
25 years senior operating experience

### **Vince Osbourne, CFO and Corporate Secretary, CMA, CBV**

Senior finance professional formerly with Sobeys  
20 years of experience in finance

### **Cindy Valence, CSO, MBA, PACI**

Senior energy transition and sustainability professional formerly with Sayona Mining Ltd.  
20 years of experience in ESG

## BOARD OF DIRECTORS

### **Sagiv Shiv, Lead Independent Director and Chair of Audit Committee <sup>1,3</sup>**

Head of M&A at ACP Capital Markets based in New York City. Led the global M&A and Advisory Practice at INTL FCStone Inc. and at Merriman Capital

### **Belinda Labatte CEO and Interim Chair of the Board**

### **Eric Levy, Chair of Corporate Compensation, Governance and Nominating Committee <sup>3</sup>**

Head of Osler's Montreal Corporate Group and Chair of the Gaming Group and sits on the Osler Partnership Board. Specializes in cross-border M&A and securities law

### **Dominique Dionne, Chair of ESG Committee <sup>1,2,3</sup>**

Chairs the board of directors of Public Relations Without Borders. Held the position of Vice President, Public Affairs and Strategic Communications at PSP Investments.

### **Lee Arden Lewis, Independent Director <sup>1,2</sup>**

Status member of the Mohawks of the Bay of Quinte Tyendinaga Mohawk Territory. Working with the Assembly of First Nations (AFN) and the Aboriginal Traditional Knowledge Groups

<sup>1</sup> Member of Audit Committee

<sup>2</sup> Member of Environment, Social and Governance Committee

<sup>3</sup> Member of Corporate Compensation, Governance and Nominating Committee

For more information

[info@lomiko.com](mailto:info@lomiko.com)

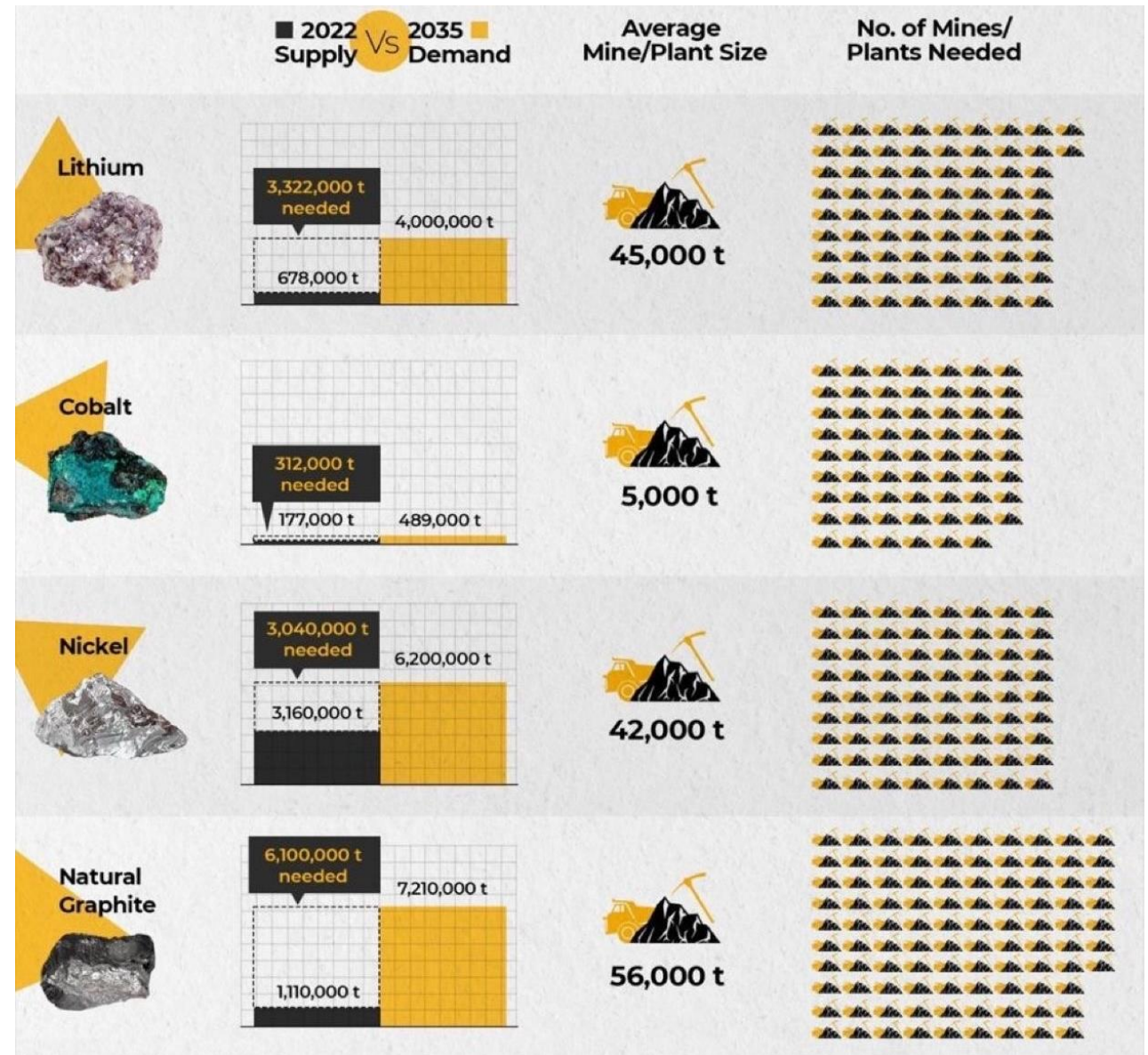
Follow us @lomikometals on socials



# 97 graphite mines needed to fuel the EV revolution

## How many mines do we need?

- Benchmark forecasts how many mines need to be built in the short time frame to keep up with exceptional volumes of demand needed for key raw materials expected by 2035
- La Loutre is positioning itself for success as a responsible source of graphite in Southern Quebec
- Graphite shortage at 97 new mines needed is forecasted to surpass shortage in Lithium (74), Cobalt (62) and Nickel (72) mines

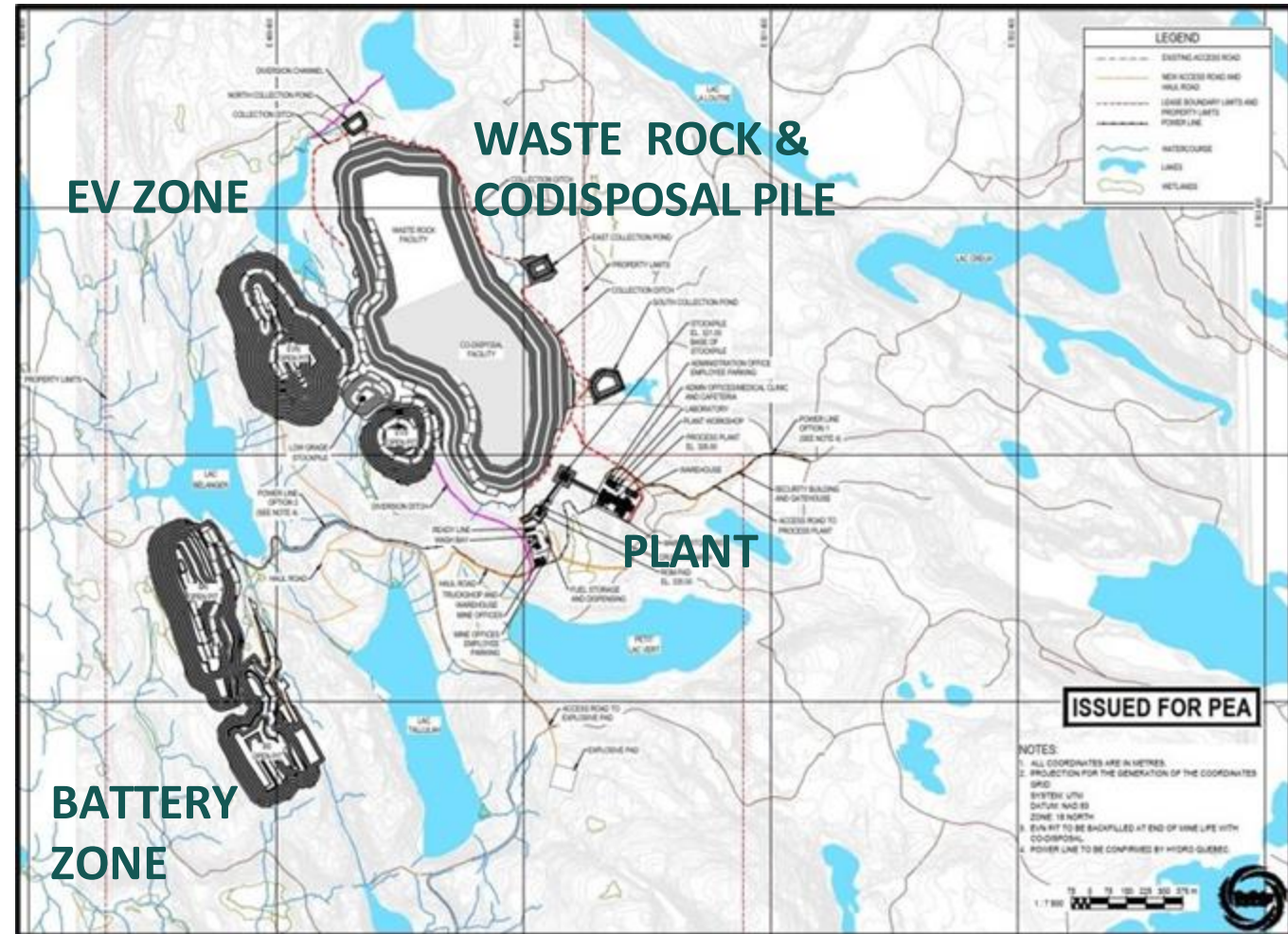




# La Loutre: PEA Layout – great base to build on

## Mine layout and costs – PEA

- Waste rock and tailings co-disposed
- Efficient site water management with no wet tailings
- Pits sequenced to maximize the returns starting from North – EV Pits to South – Battery Pits
- Stockpiles (low grade and ROM) for blending and Flotation Plant
- Mine - truck & shovel operation
- Flotation Plant 4,000tpd
- Capex of C \$236M, AISC US \$ 406/t Cg cost



Source: NI 43-101 Technical Report and Preliminary Economic Assessment (July 2021)

# A responsible operator with track record of execution

## Studies completed

- ✓ Completed 13,000m+ of drilling at La Loutre with exceptional results
- ✓ Completed NI-43-101 mineral Resource for La Loutre
- ✓ Completed 12 months of environmental baseline studies
- ✓ Completed pre-feasibility metallurgical test program – optimized flowsheet
- ✓ Completed initial two cycles of the value-added metallurgical studies on La Loutre graphite
- ✓ Completed early soil and surface sampling at Bourier

## Community engagement completed

- ✓ Completed multiple community engagement sessions
- ✓ Completed ECOLOGO certification process
- ✓ Developed Quebec presence with AEMQ, SOQUEM, IQ, Corem, and others

## Financing for PFS studies

- ✓ Over \$5.0M raised to progress studies for PFS approx. 50% complete

