



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



DISCLAIMER

This presentation is not a prospectus, offering memorandum or an advertisement and is being provided for information purposes only and does not constitute or form part of, and should not be construed as, an offer or invitation to sell or any solicitation of any offer to purchase or subscribe for any securities of Lomiko Metals Inc. (the “**Corporation**”) in Canada, the United States or any other jurisdiction. Neither this presentation, nor any part of it, nor anything contained or referred to in it, nor the fact of its distribution, should form the basis of or be relied on in connection with or act as an inducement in relation to a decision to purchase or subscribe for or enter into any contract or make any other commitment whatsoever in relation to any securities of the Corporation.

This presentation contains "forward-looking information" within the meaning of the applicable Canadian securities legislation that is based on expectations, estimates, projections and interpretations as at the date of this presentation. The information in this presentation about the Corporation; and any other information herein that is not a historical fact may be "forward-looking information" (“**FLI**”). All statements, other than statements of historical fact, are FLI and can be identified by the use of statements that include words such as "anticipates", "plans", "continues", "estimates", "expects", "may", "will", "projects", "predicts", "proposes", "potential", "target", "implement", "scheduled", "intends", "could", "might", "should", "believe" and similar words or expressions. FLI in this presentation includes, but is not limited to: the Corporation's objective to become a responsible supplier of critical minerals, exploration of the Corporation's projects, including expected costs of exploration and timing to achieve certain milestones, including timing for completion of exploration programs; the Corporation's ability to successfully fund, or remain fully funded for the implementation of its business strategy and for exploration of any of its projects (including from the capital markets); any anticipated impacts of COVID-19 on the Corporation's business objectives or projects, the Corporation's financial position or operations, and the expected timing of announcements in this regard. FLI involves known and unknown risks, assumptions and other factors that may cause actual results or performance to differ materially. This FLI reflects the Corporation's current views about future events, and while considered reasonable by the Corporation at this time, are inherently subject to significant uncertainties and contingencies. Accordingly, there can be no certainty that they will accurately reflect actual results. Assumptions upon which such FLI is based include, without limitation: current market for critical minerals; current technological trends; the business relationship between the Corporation and its business partners; ability to implement its business strategy and to fund, explore, advance and develop each of its projects, including results therefrom and timing thereof; the ability to operate in a safe and effective manner; uncertainties related to receiving and maintaining exploration, environmental and other permits or approvals in Quebec; any unforeseen impacts of COVID-19; impact of increasing competition in the mineral exploration business, including the Corporation's competitive position in the industry; general economic conditions, including in relation to currency controls and interest rate fluctuations.

The Corporation's actual results, programs and financial position could differ materially from those anticipated in such FLI as a result of numerous factors, risks and uncertainties, many of which are beyond the Corporation's control. These include, but are not limited to: the market for critical minerals; the evolution of supply and demand for critical minerals; the Corporation's projects may not be explored or developed as planned; uncertainty relating to possible cost-overruns in implementing its business strategy and developing its projects; market prices affecting development of the projects; the availability and ability to secure adequate financing and on favourable terms; inability to obtain required governmental permits; any limitations on operations imposed by governments in the jurisdictions where we operate; technology risk; inability to achieve and manage expected growth; political risk associated with foreign operations; changes in government regulations, including currency controls; changes in environmental requirements; failure to obtain or maintain necessary licenses, permits or approvals; risks associated with COVID-19; insurance risk; litigation risk; receipt and security of mineral property titles and mineral tenure risk; changes in project parameters; uncertainties associated with estimating mineral resources and mineral reserves in the future, including uncertainties regarding assumptions underlying such estimates; whether mineral resources (if any) will ever be converted into mineral reserves; opposition to exploration and/or development of the projects; surface access risk; geological, technical, drilling or processing problems; health and safety risks; unanticipated results; unpredictable weather; unanticipated delays; reduction in demand for minerals; intellectual property risks; dependency on key personnel; workforce and equipment availability; currency and interest rate fluctuations; and volatility in general market and industry conditions.

This Presentation has not been independently verified and the information contained within may be subject to updating, revision, verification and further amendment. Except as otherwise provided for herein, neither the Corporation, nor its directors, officers, shareholders, agents, employees or advisors give, has given or has authority to give, any representations or warranties (express or implied) as to, or in relation to, the accuracy, currency, reliability or completeness of the information or opinions in this Presentation, or any revision thereof, or of any other written or oral information made or to be made available to any interested party or its advisers and liability therefore is expressly disclaimed for any loss howsoever arising, directly or indirectly, from any use of such information or opinions or otherwise arising in connection therewith.

Except as may be required by applicable law, in furnishing this presentation, the Corporation does not undertake or agree to any obligation to provide the recipient with access to any additional information or to update this presentation or to correct any inaccuracies or omissions. Information contained in this presentation is the property of the Corporation and it is made available strictly for the purposes referred to above.

Land Acknowledgement

We acknowledge that 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.



UL ECOLOGO certification®

What is it?

- Ecologo (UL) is a certification specifically designed for mineral exploration. It contributes to the establishment of a social license within the socio-economic ecosystem of projects, in full transparency.
- It was created as an independent third-party certification, jointly implemented by UL and the QMEA (Quebec Mineral Exploration Association).
- Currently exists only for the province of Quebec and applies to contractors, subcontractors and service providers.
- Certification is performed by a UL professional, specialized in mining.
- Applies to Lomiko as an organization as well as its La Loutre project.



The Lomiko Advantage

Strong fundamentals for anode

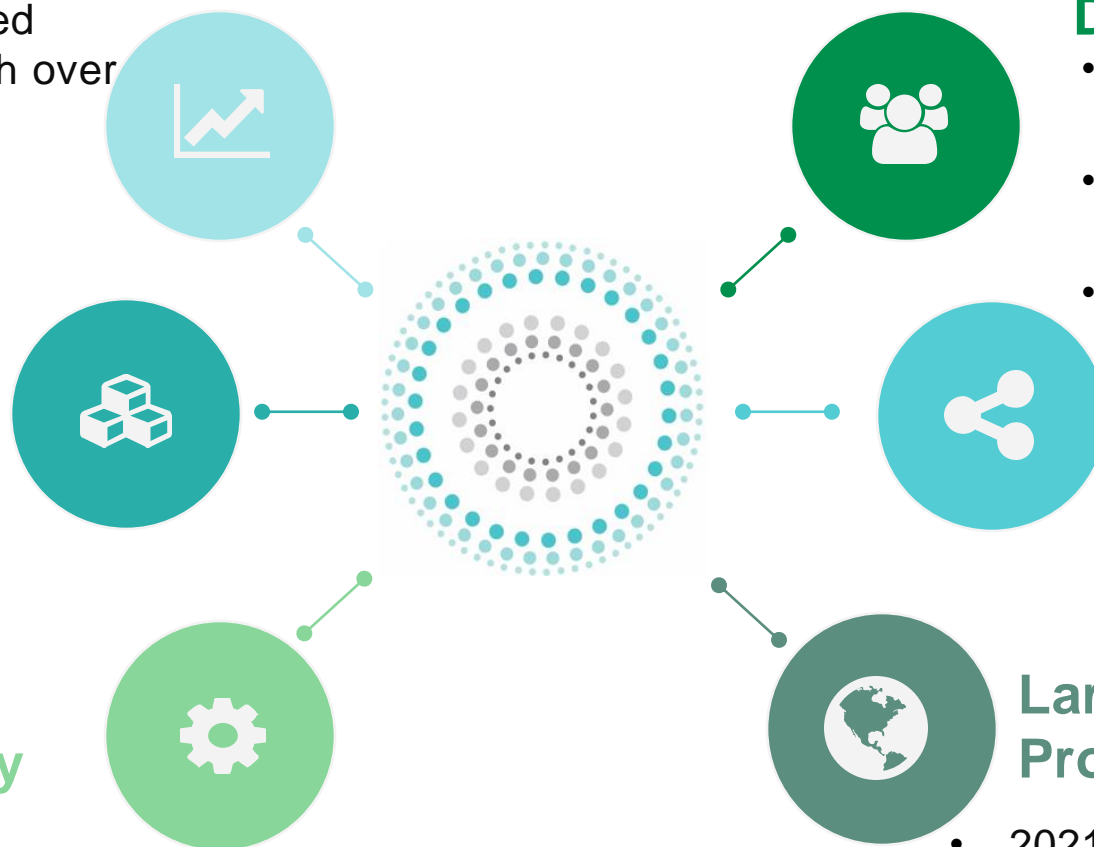
Domestic graphite will be considered premium product, EV growth growth over long term

Premium Product

- 70% fines in flake distribution – anode profile
- Located in a stable jurisdiction with access to clean energy
- +99.99% purity achieved

Solution to need for energy security

- Can provide up to 10% of demand in North America



Projected massive growth in Domestic graphite

- Global graphite demand growth of 30% to 40% year
- 7x multiple of demand growth to 2040 with massive under-supply
- Consolidation opportunities in region

Strong Partnership Focus

- Community focus
- Partners in Canada, Quebec and the USA

Largest undeveloped graphite Project in proximity to USA

- 2021 PEA demonstrates 15-year life of mine, at 100,000 tpa production rate
- 184% increase in resources (not in PEA, Mineral Resource Estimate May 2023)

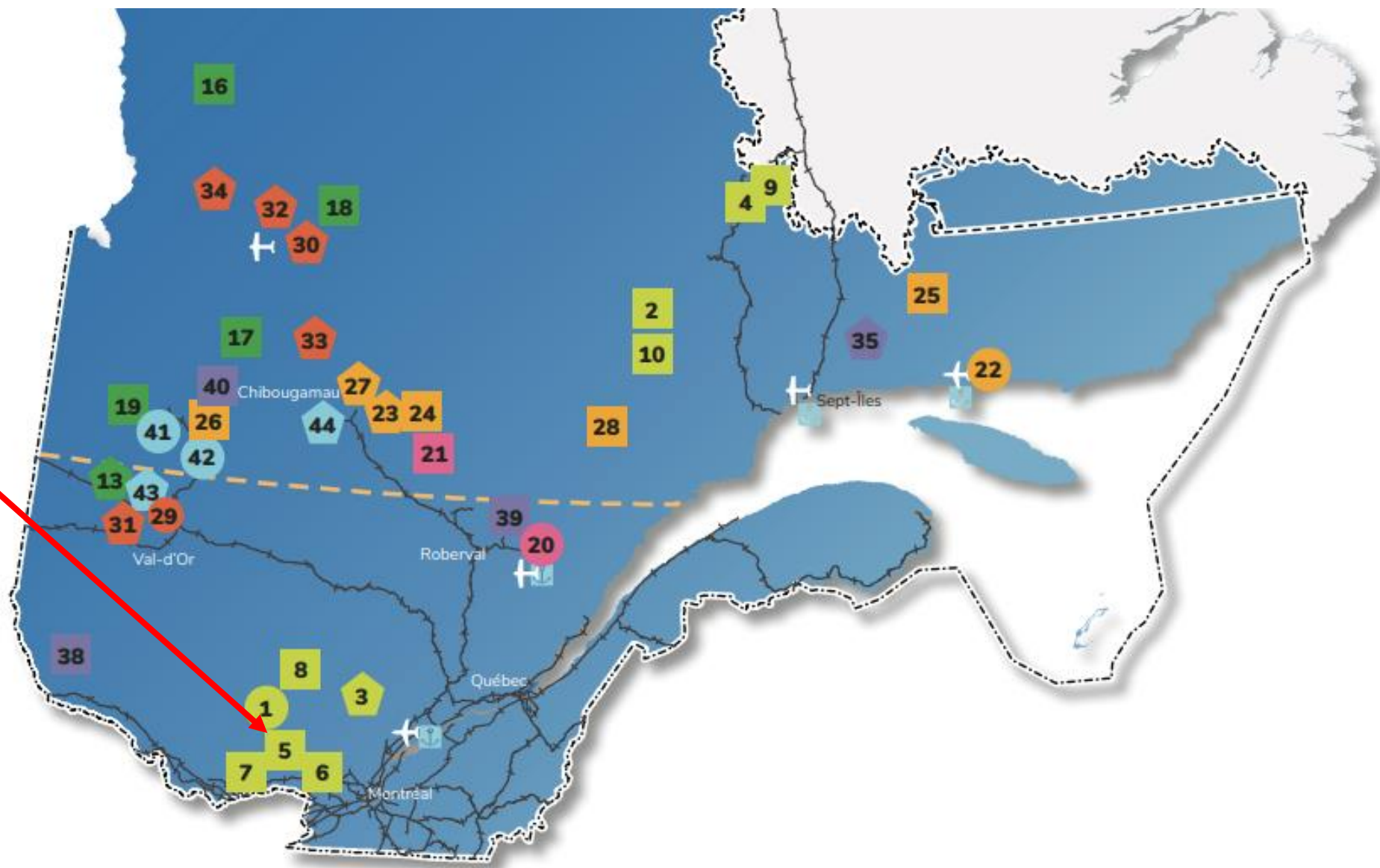
Lomiko collaborations



Graphite

Several graphite projects are underway in Québec

- 1 Lac-des-Îles**
Imerys Graphite and Canada Carbon
- 2 Lac Guéret**
Mason Graphite
- 3 Matawinie**
Nouveau Monde Graphite
- 4 Lac Knife**
Focus Graphite Inc.
- 5 La Loutre**
Lomiko Metals Inc.
- 6 Miller**
Canada Carbon
- 7 Bell Graphite**
Saint Jean Carbon
- 8 Mousseau West**
- 9 Lac Rainy Nord**
Metals Australia Ltd
- 10 Lac Guéret Sud**
Berkwood Resource Ltd



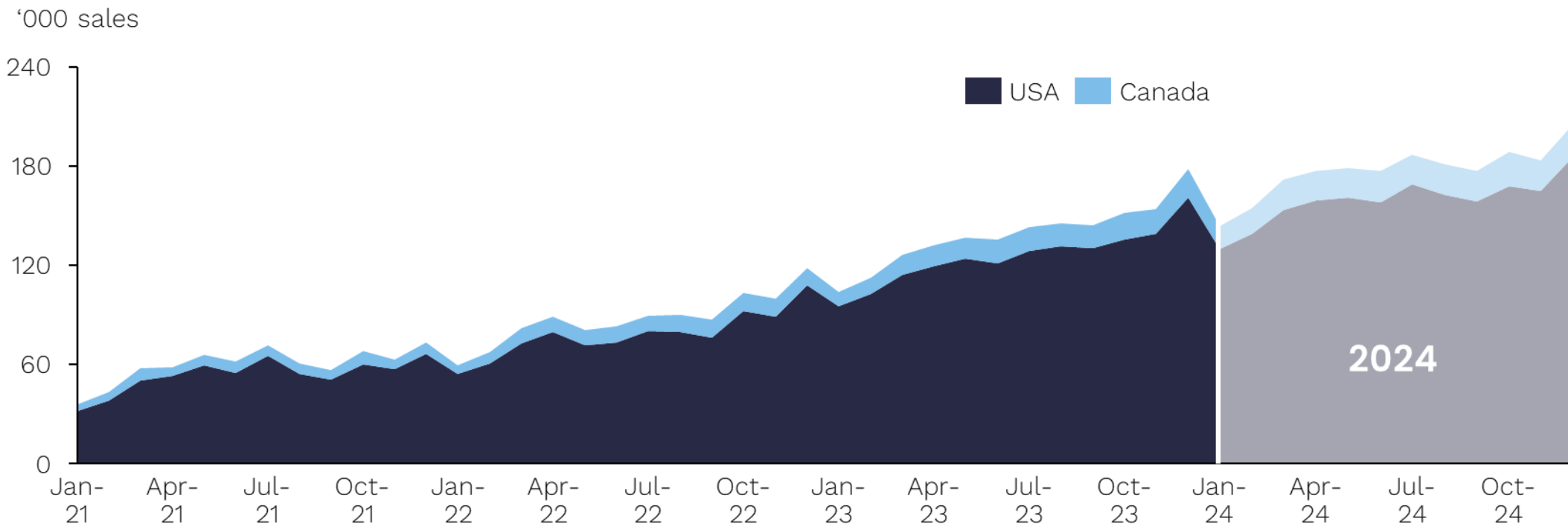
Project legend: □ Deposits (mineral resources) ⬠ Development or construction and running-in projects ○ Mines

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

Market for Graphite

North American Market: EV Sales



2021:
+362,602

2022:
+322,392

2023:
+603,833

2024:
+461,899

2021:
+97%

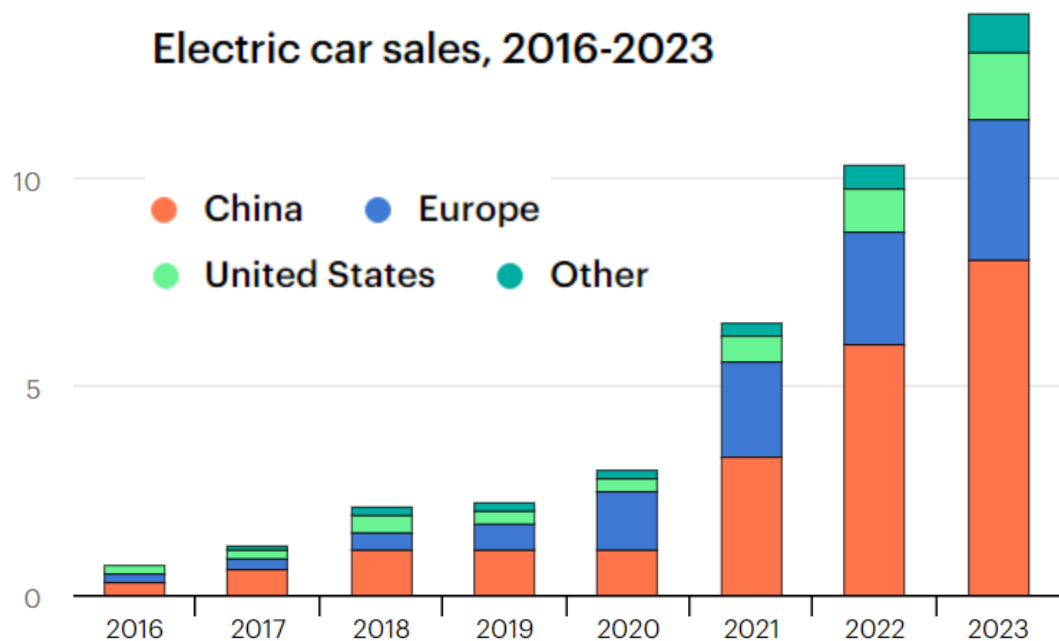
2022:
+44%

2023:
+56%

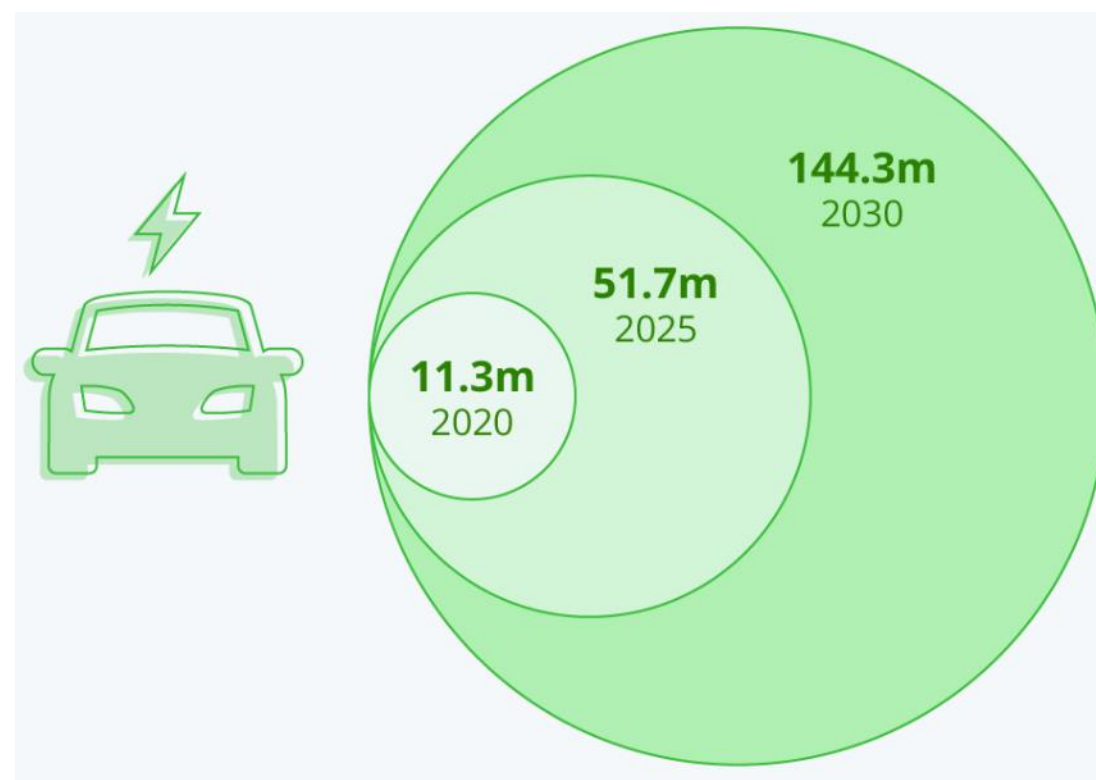
2024:
+28%

The global 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)



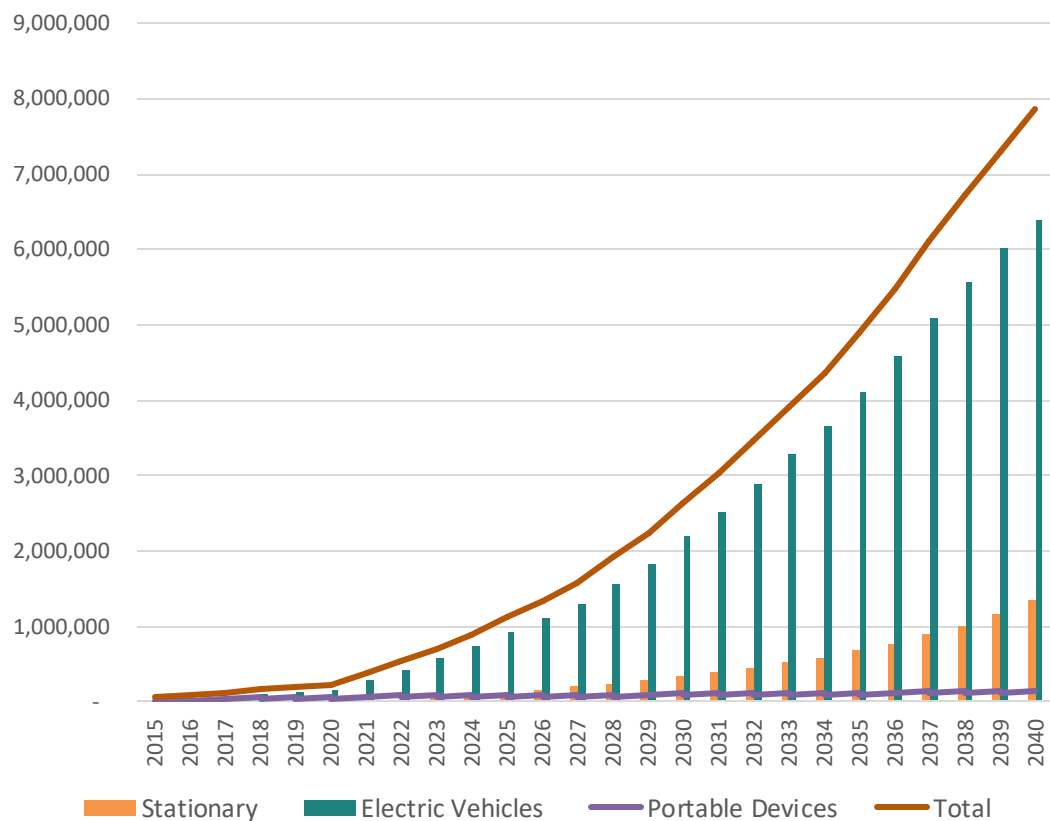
Source: IEA, Statista



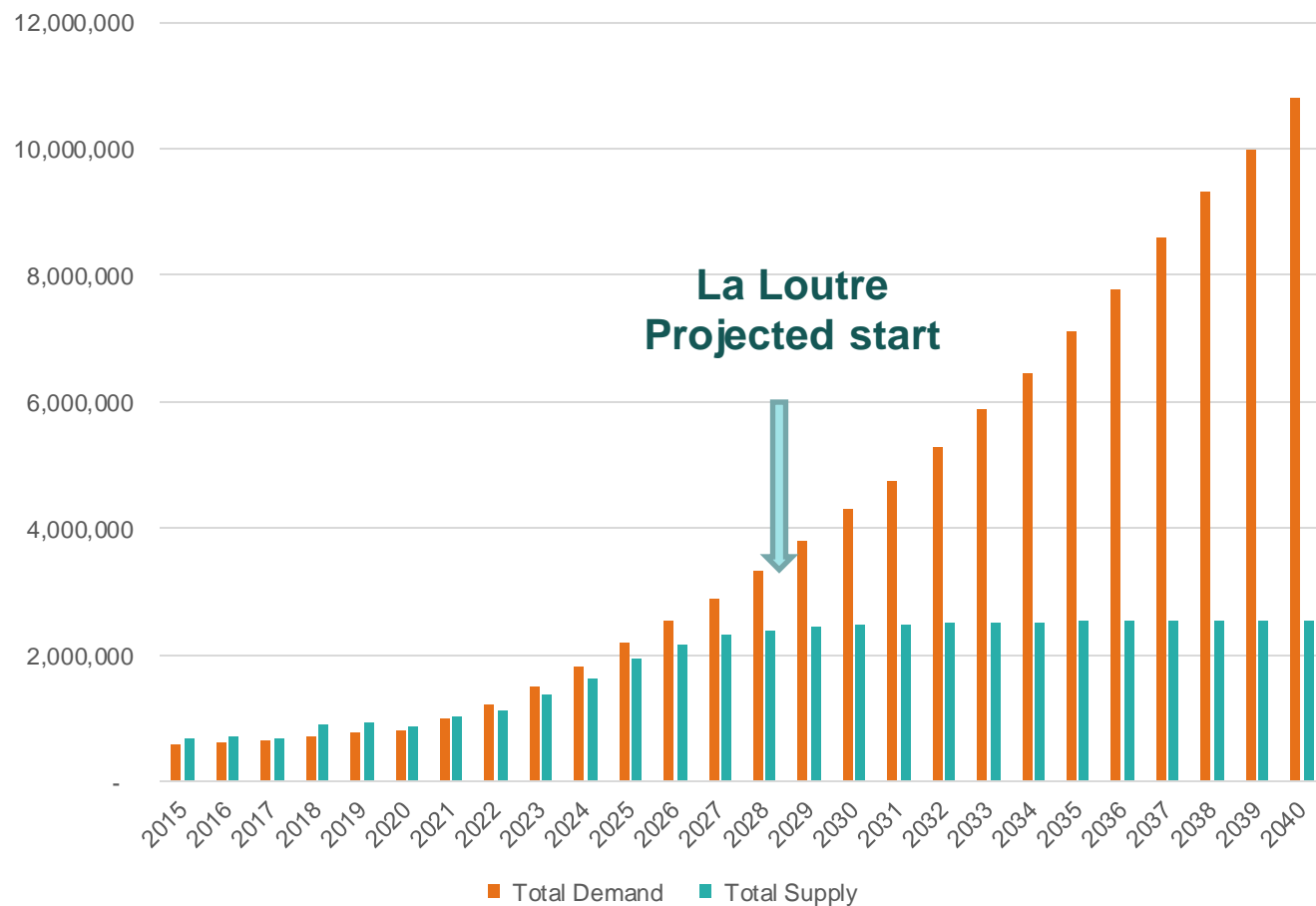
The surging EV market is expected to wipe out demand for millions of barrels of oil. By 2030, existing policies could result in 2M barrels of petrol and diesel fewer per day with the equivalent of up to 120Mt of carbon dioxide saved (Forbes)

Shortfall to increase to 8Mt by 2040

Projected Anode Demand (Mt)

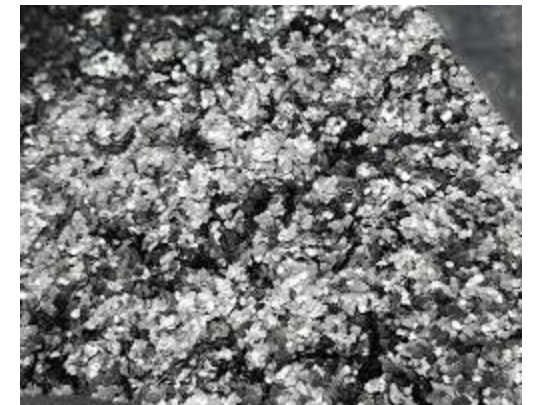


Graphite Market Balance - Projected Demand and Supply (Mt)



PRC announces natural flake and synthetic graphite export restrictions

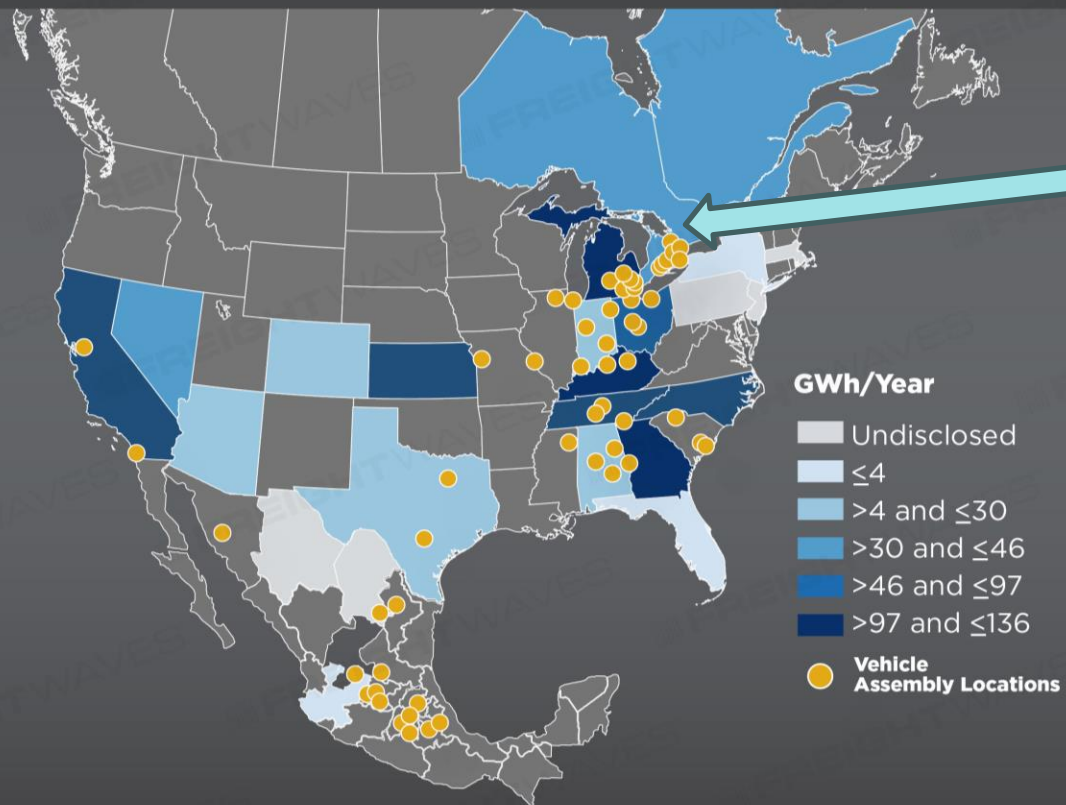
- Restrictions set in December 2023
- China has declared its intention to implement export permits for certain graphite products to safeguard national security. This move is part of China's broader strategy to regulate the supply of critical minerals in response to its own high demand forecast and scarcity of supply
- China is the world's top graphite producer and exporter (China accounted for 65% of world graphite mining in 2022) and refines more than 90% of the world's graphite
- Global reactions:
 - The European Union is weighing levying tariffs on Chinese-made EVs
 - The U.S. government is curbing access to China for semiconductors, including stopping sales of more advanced artificial intelligence chips



La Loutre Graphite Project

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

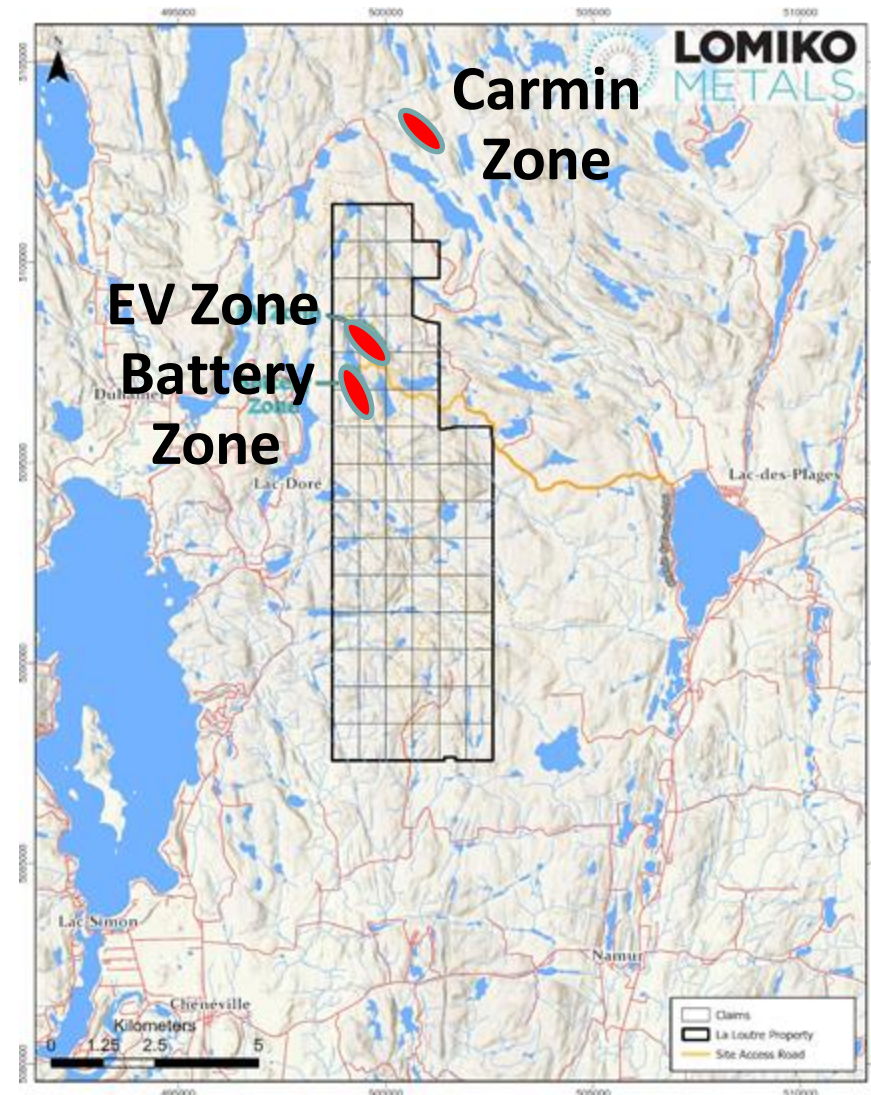


Source: NI 43-101 Technical Report and Preliminary Economic Assessment (July 2021)

La Loutre – 2021 PEA details

- 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 and 94.7% Cg recovery!**
- 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:

- 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.
- 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).
- The results are presented undiluted and are considered to have reasonable prospects of economic viability.
- 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.
- No capping was applied on 1.5m composites.
- 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.
- Bulk density values were applied by lithology (g/cm³): 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.
- 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.
- 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.).
- 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.
- 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.
- ✓ **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.

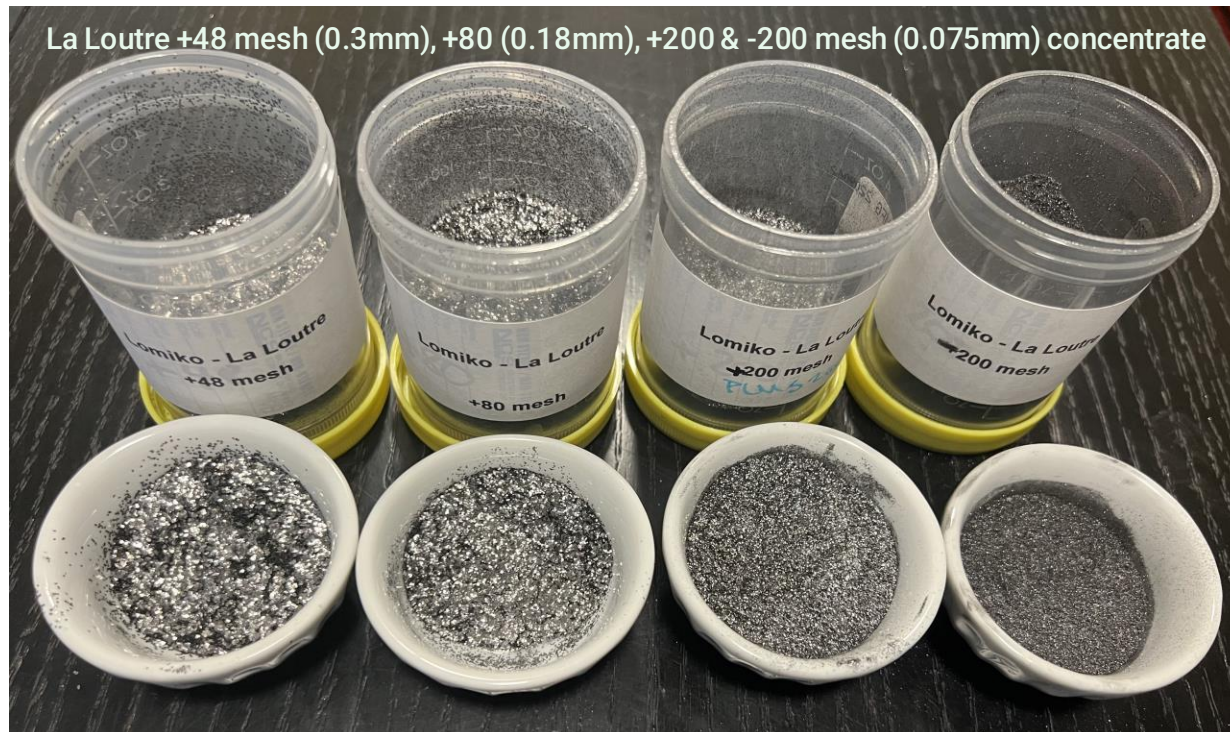
La Loutre Graphite Met Studies - Summary

- **UNDERWAY: CRITM, NRC & COREM Study**
- Comprehensive testing program supported by CRITM grant and being researched and tested by NRC and Corem with Lomiko and MetPro support
- COREM: Collected a representative 1,100 kg rock sample to produce flotation concentrate; testing is underway in the lab to determine bulk sample processing conditions with the goal of producing a flotation concentrate for battery-grade testing.
- NRC: Two phased approach. Phase 1 was finalized with the testing of the La Loutre flotation concentrate including micronization, spheroidization, and thermal purification of the cSPG (waiting for the results). Half-coin cell testing is underway.
- Phase 2 includes building batteries (pouch cells) from La Loutre cSPG and testing it for 6-9 months through the 500 cycle charge/discharge cycle.

SGS Characterization Study, 2023

suitable for anode material

- Developed and optimized PFS level flotation plant flowsheet -LCT testing achieved 94.7% recovery and 98.6% - 99.1% Cg reconciled grade
- La Loutre flake distribution is ~70% 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



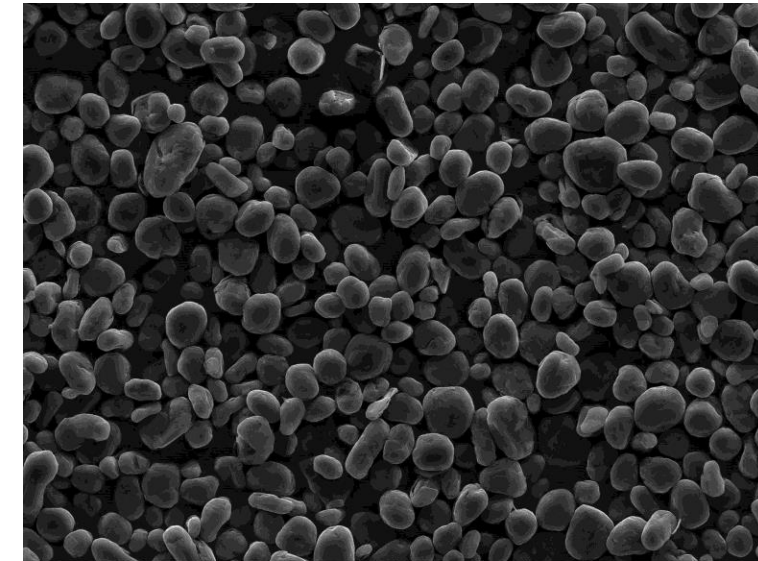
Size Fraction Analysis of Combined Concentrate of LCT – PFS Level MetPro Report Feb 2023

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

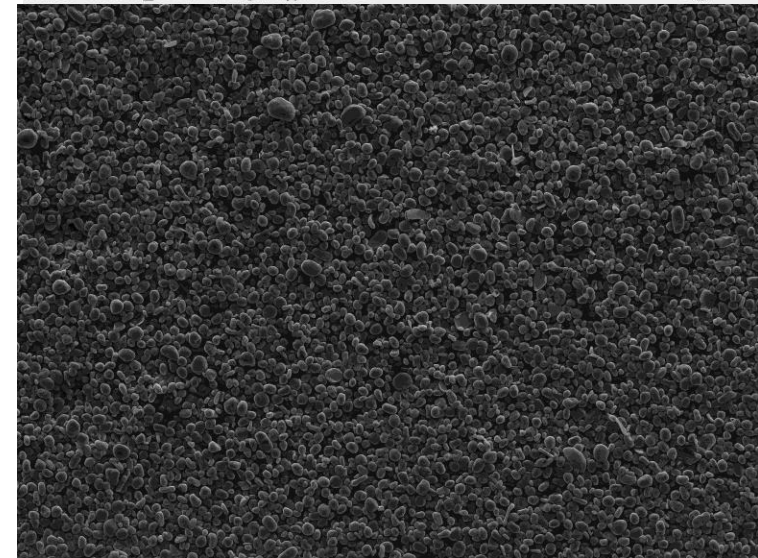
33% of +100 mesh

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.



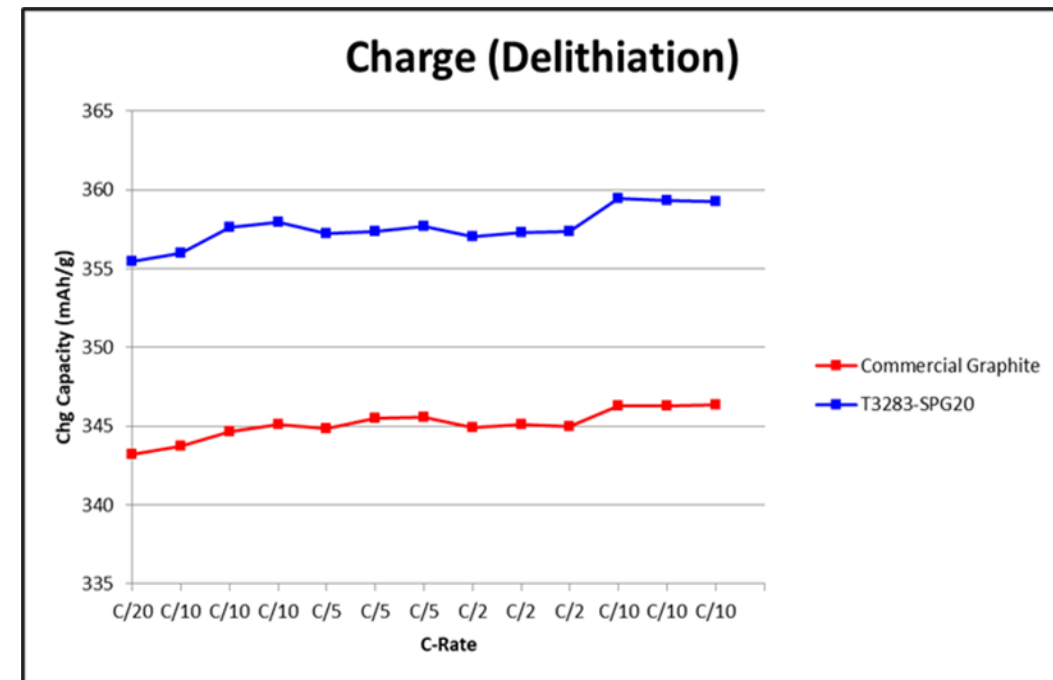
SEM HV: 20.00 kV WD: 17.92 mm View field: 288.9 µm Det: SE Name: V409LO_00009 Date(m/d/y): 05/10/23 VEGA\\ TESCAN GeoZentrum Nordbayern



SEM HV: 20.00 kV WD: 17.92 mm View field: 1.16 mm Det: SE Name: V409LO_00012 Date(m/d/y): 05/10/23 VEGA\\ TESCAN GeoZentrum Nordbayern

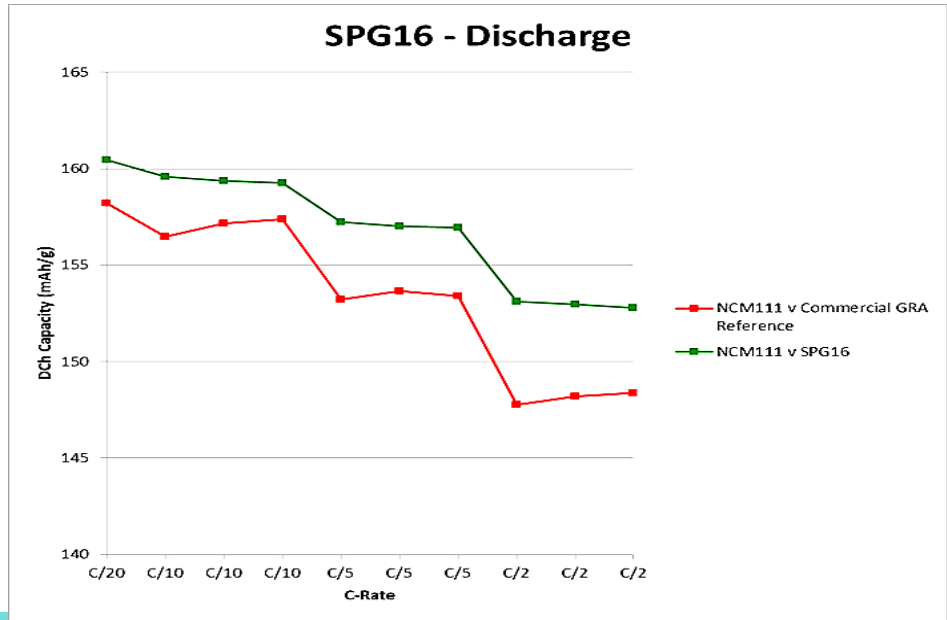
La Loutre half-cell battery testing surpassed commercial graphite results

- ✓ Demonstrated that La Loutre material is suitable for battery applications – half-coin battery testing with Polaris Battery Labs, LLC, USA, is demonstrating higher reversible capacity compared to commercially available graphite, averaging 358mA/h
- ✓ Figure up - Lomiko graphite Half-cell batteries produced and tested by Polaris (SPG16 top, SPG20 bottom row)
- ✓ Figure bottom - SPG20 sample from La Loutre has superior charging capacity compared to commercial graphite in the market today in North America.



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 up - 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

PFS / Includes anode transformation plant at PEA



Pilot Plant Testing



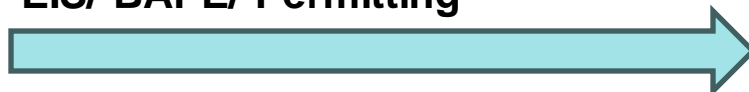
Feasibility Study



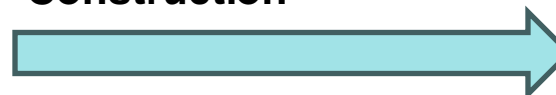
Baseline studies



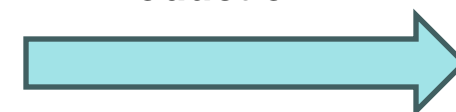
EIS/ BAPE/ Permitting



Construction



Production



2024

2025

2026

2027

2028

2029

Lomiko Exploration Potential

Graphite: Carmin

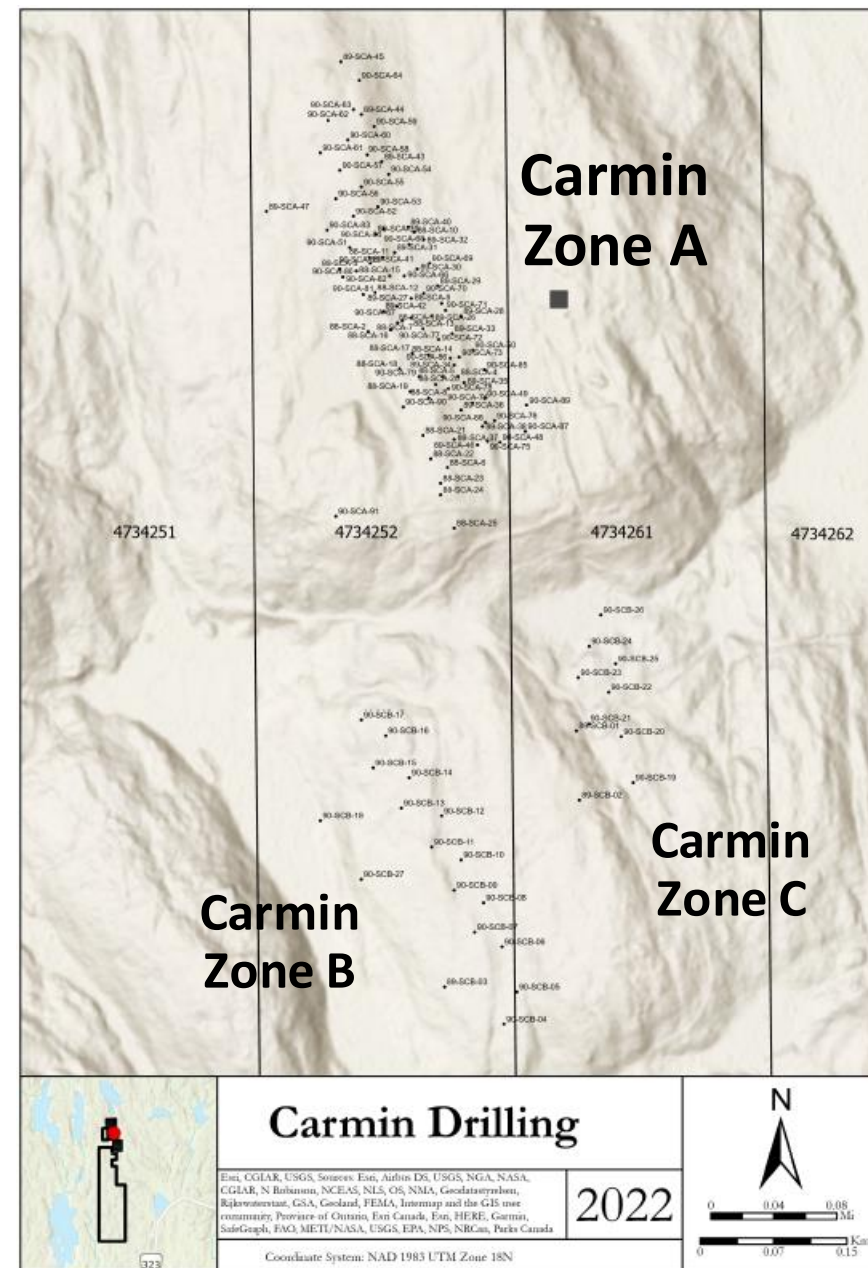
Carmin - historic PFS contiguous to La Loutre

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 2023-2024

Update historical estimate for compliant NI 43-101 Technical report



Regional exploration in Grenville belt

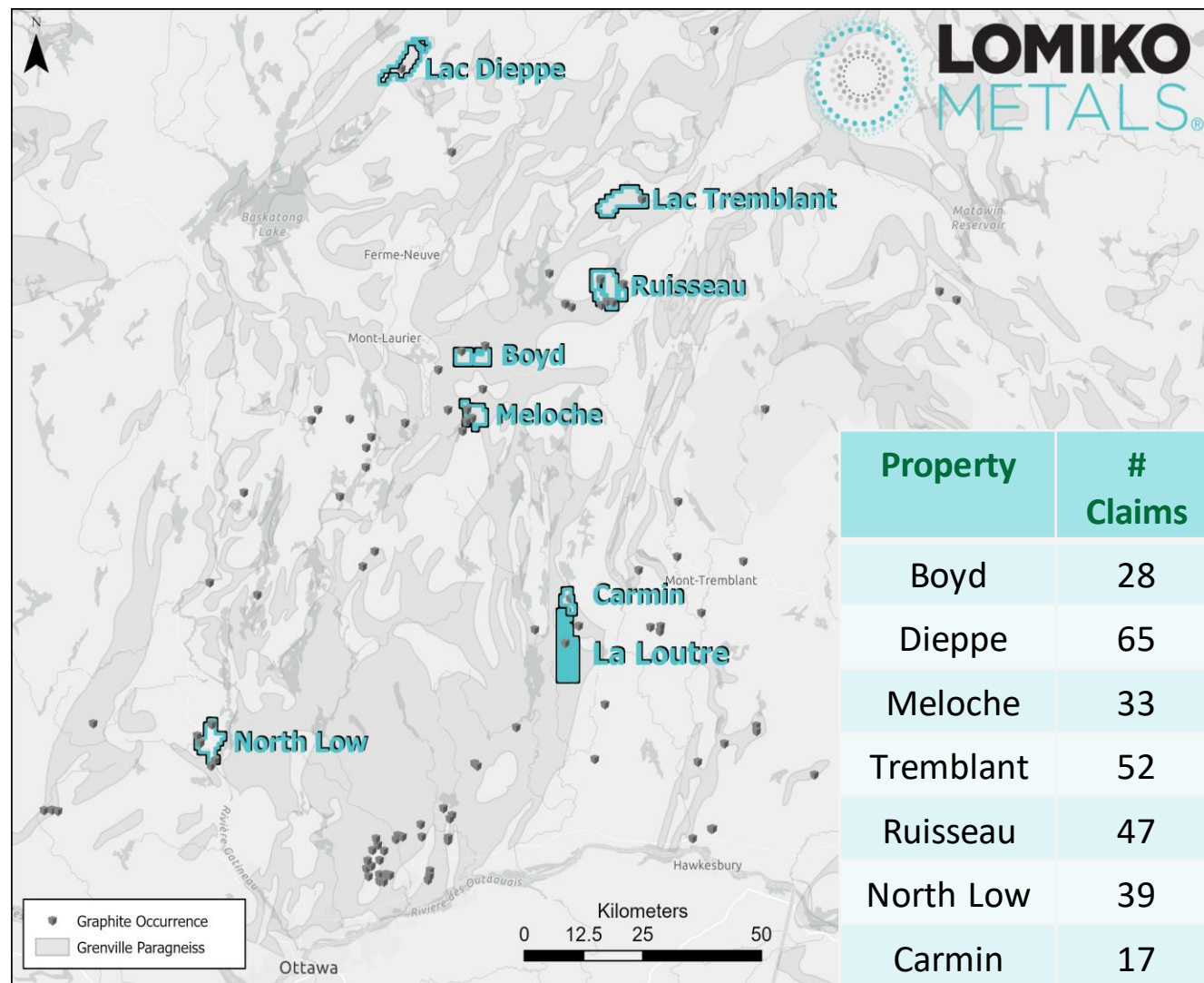
Most prospective graphite belt in North America

- 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

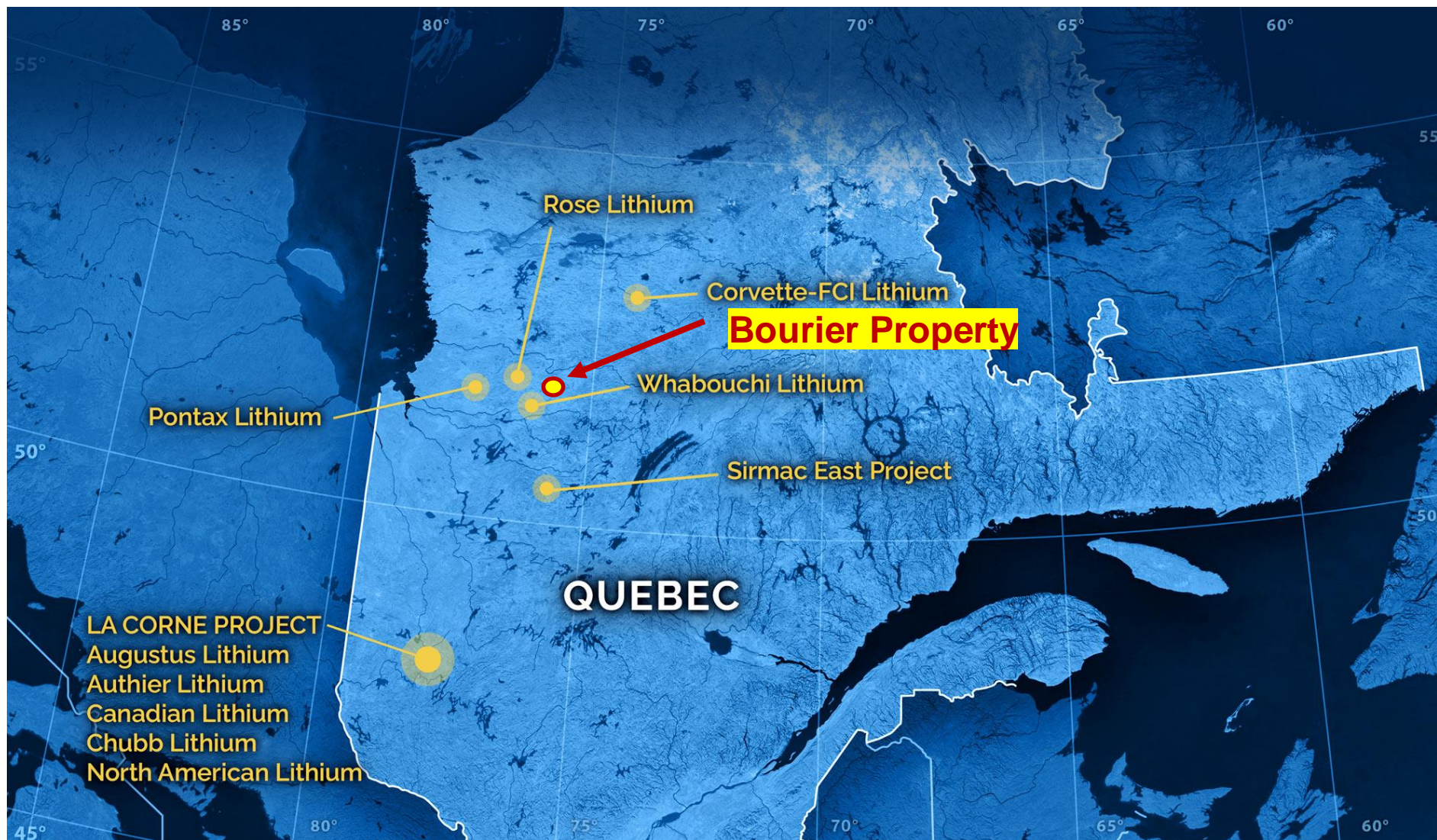
- A field program is planned for 2024 to expand on the target sampling and surface mapping of the areas showing deposit grades

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

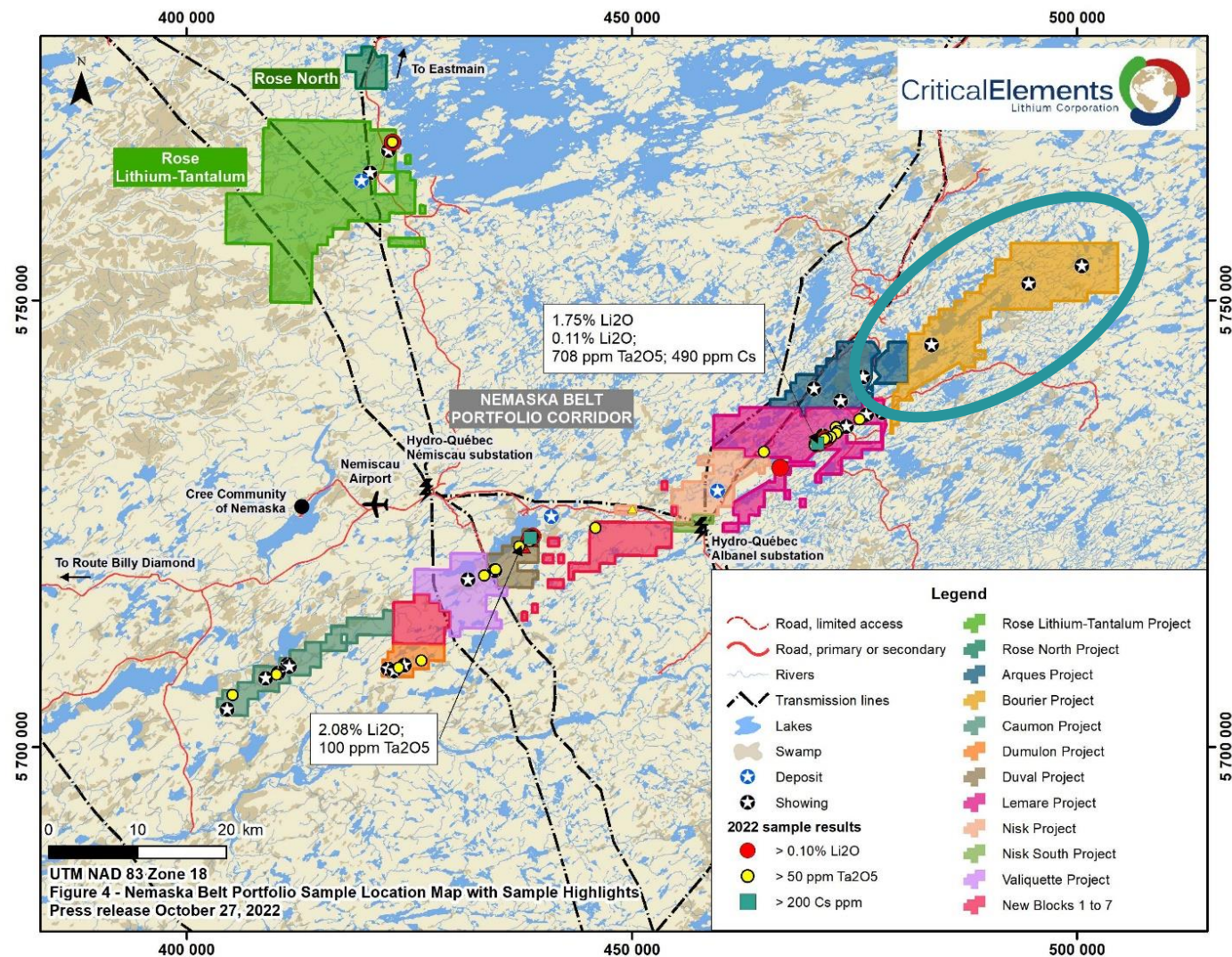
Lithium exploration on massive claim package on Nemaska lithium corridor



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 km²) that boasts other lithium deposits and known lithium mineralization
- Bourier consists of volcano-sedimentary units, a sequence of quartz-rich paragneiss, and late pegmatite dikes
- 2023 field program was completed in the late fall due to the delays with the forest fires. Results still being processed

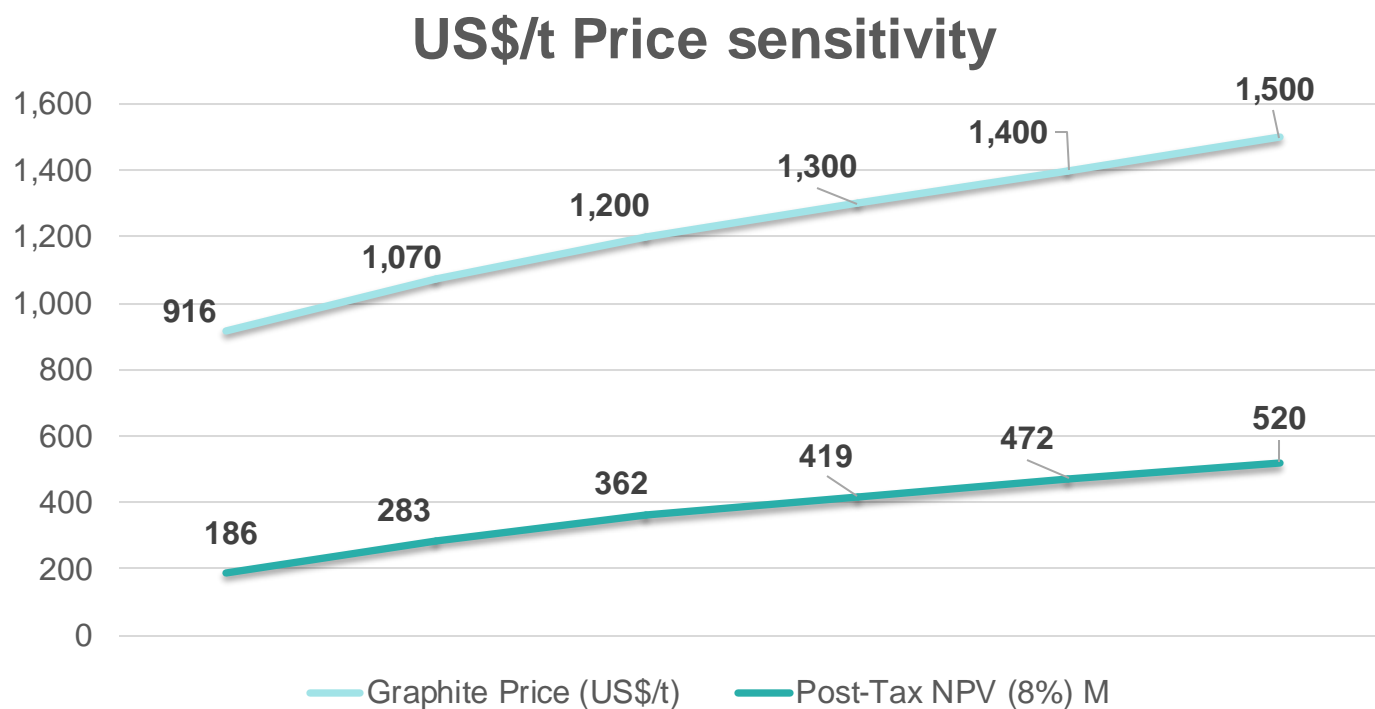


Lomiko Advantage

NPV scenario analysis:

Positively leveraged to expected graphite price increases

- 2021 PEA used a graphite concentrate selling price of US \$916/t (basket price)
- 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**



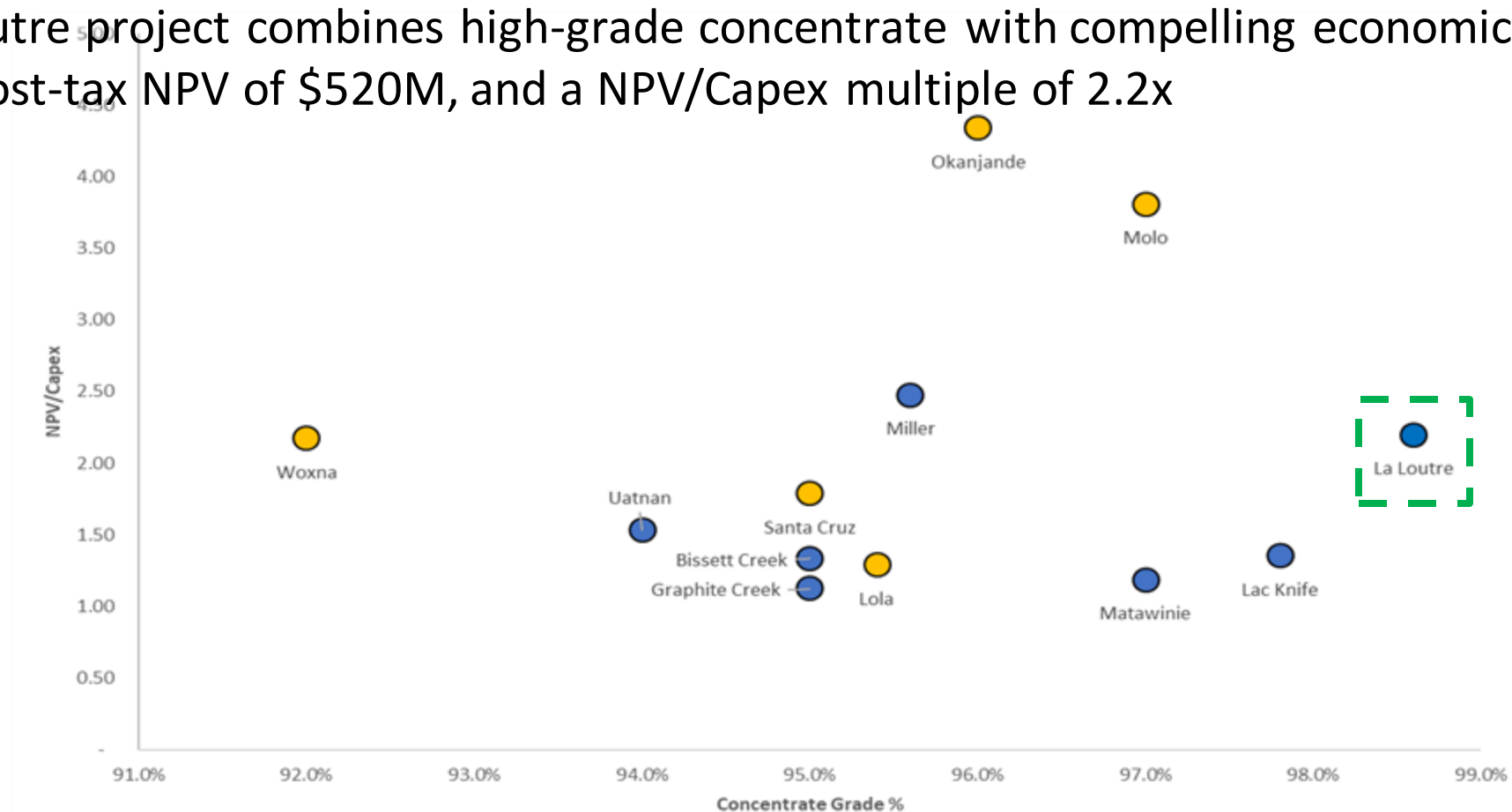
Graphite Price (US\$/t)	Post-Tax NPV (8%)	Post-Tax IRR %	Payback (yrs.)
\$916	\$186M	21.5%	4.2
\$1,070	\$283M	27.8%	3.4
\$1,200	\$362M	33.0%	2.9
\$1,300	\$419M	36.7%	2.6
\$1,400	\$472M	40.1%	2.4
\$1,500	\$520M	43.4%	2.2

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

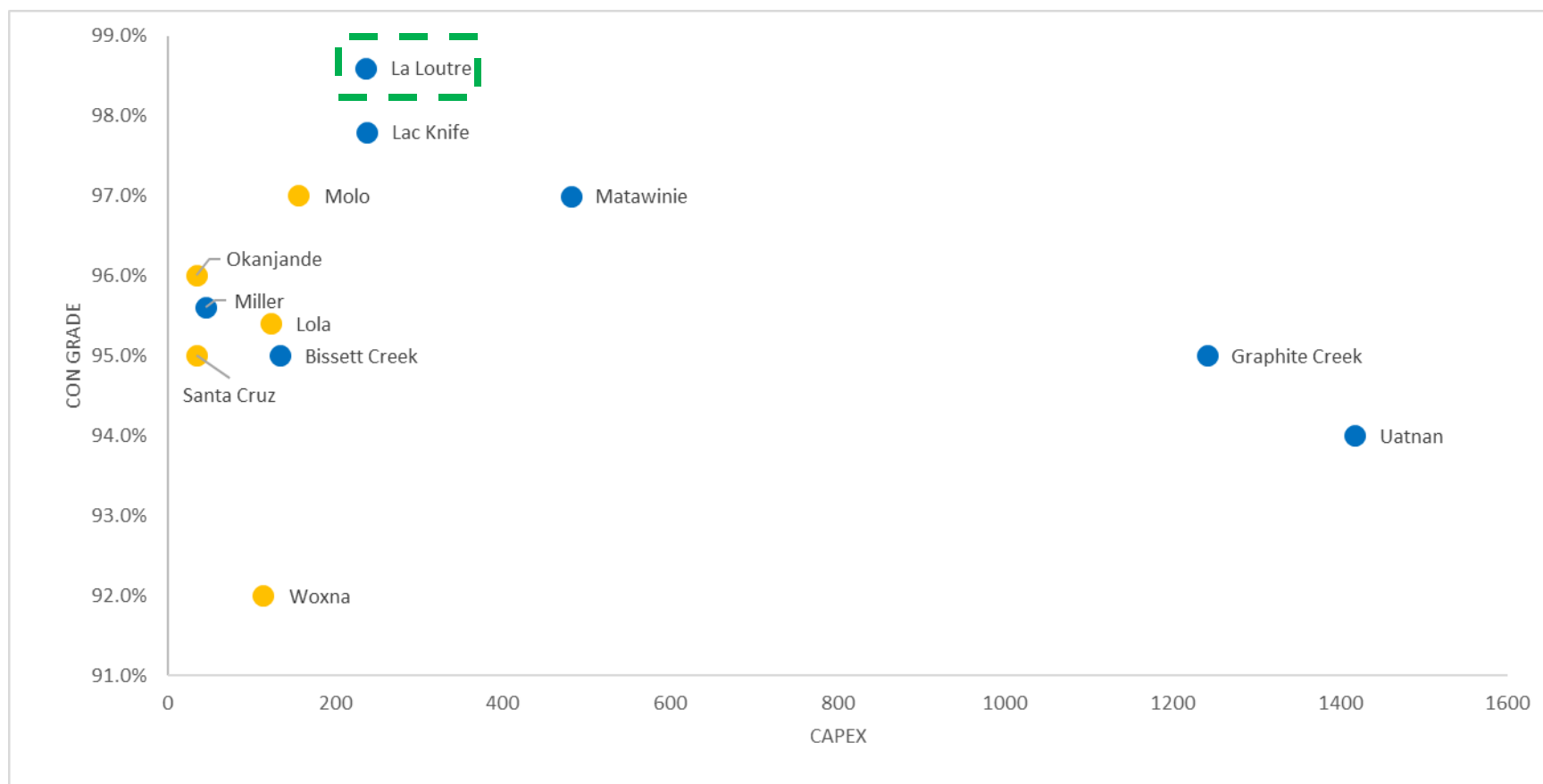
Lomiko advantage:

Concentrate Grade and NPV/Capex Multiple

- Updating the Lomiko PEA for USD \$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



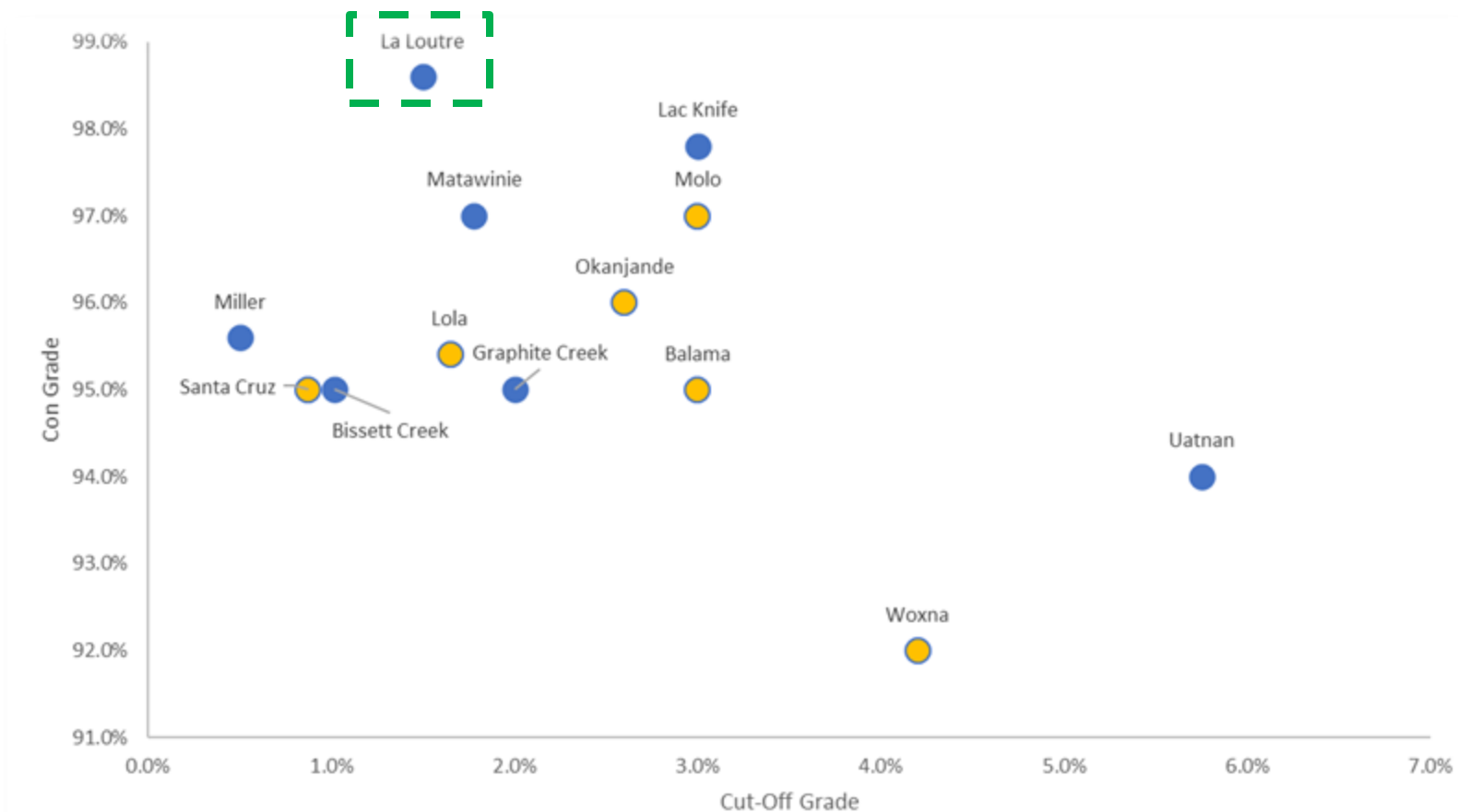
Lomiko advantage: High Quality project with low capital requirements combined with High-Grade Graphite Concentrate



Project Location

- Africa/Europe
- North America

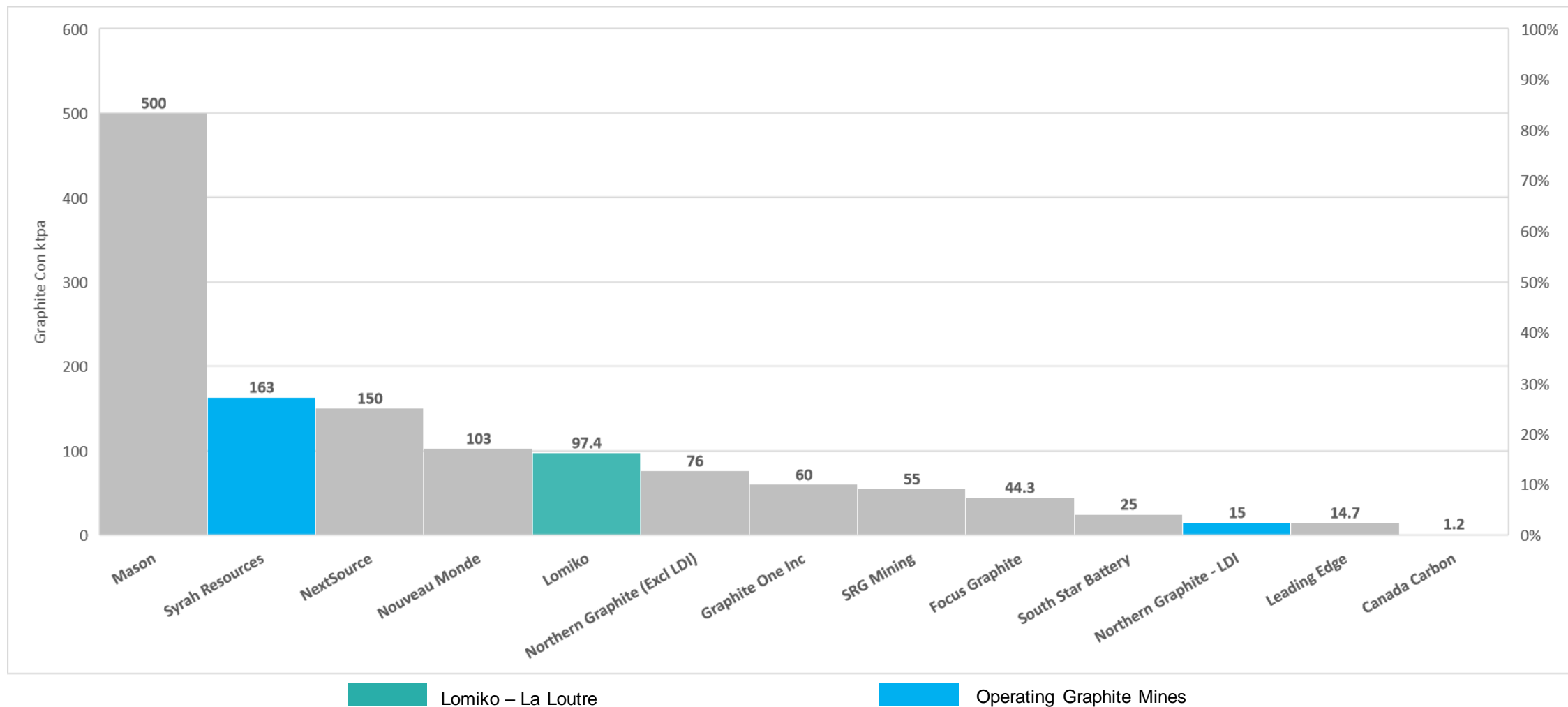
Lomiko advantage: Cut-Off Grade & Graphite Con Grade Lower cost and higher recovery



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, board and advisors

MANAGEMENT TEAM

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

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

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

Mining Engineer served as COO for BMSI/BarCan and Anaconda Mining

Vince Osbourne, CFO and Corporate Secretary, CMA, CBV

Senior finance professional with Sobeys
20 years of experience in finance

BOARD OF DIRECTORS

Sagiv Shiv, Lead Independent Director and Chair of Audit Committee ^{1,3}

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 ³

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 ^{1,2,3}

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 ^{1,2}

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

¹ *Member of Audit Committee*

² *Member of Environment, Social and Governance Committee*

³ *Member of Corporate Compensation, Governance and Nominating Committee*

For more information

info@lomiko.com

Follow us @lomikometals on socials



Lomiko – a responsible developer of choice

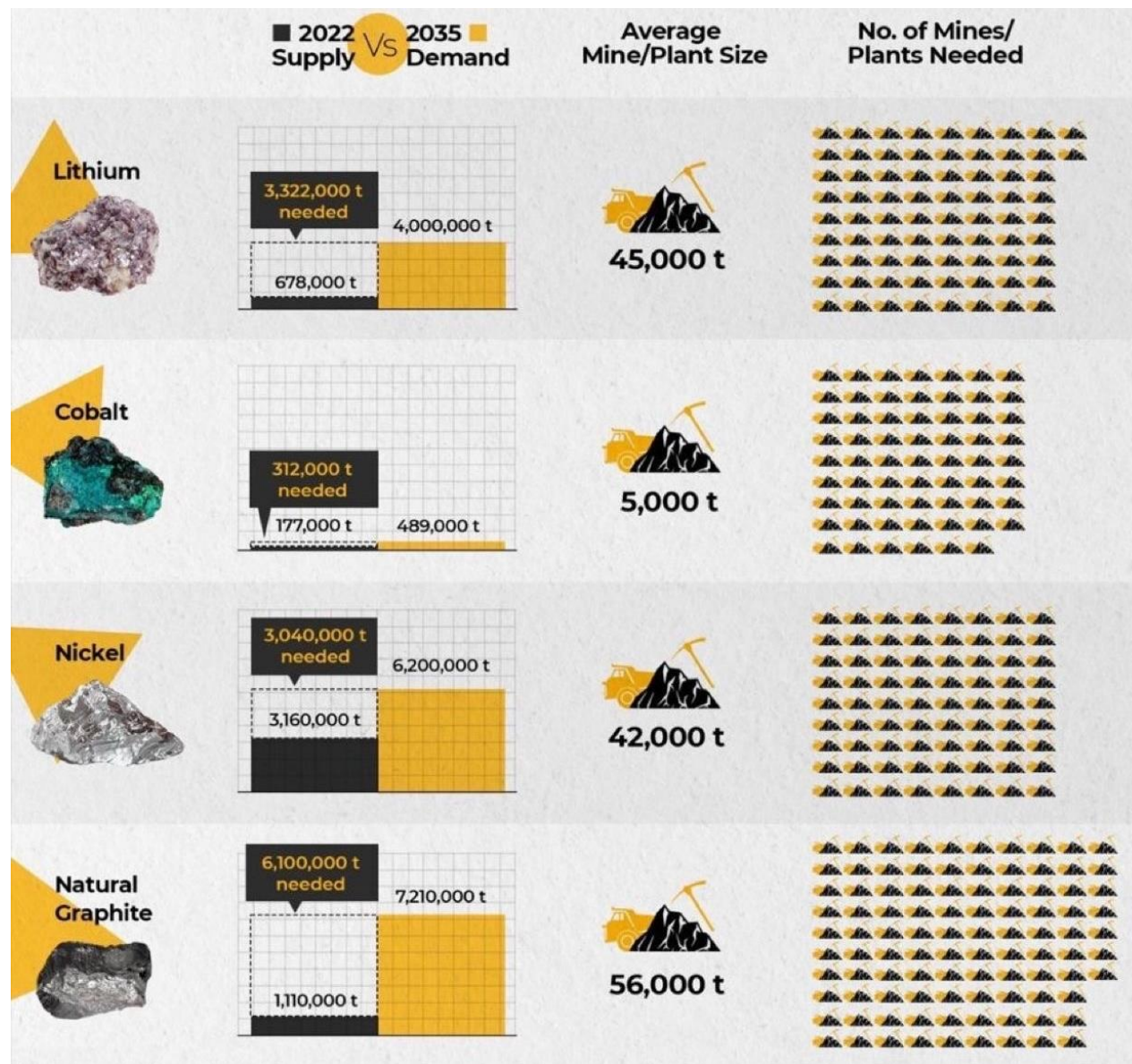
A leader in 2024

- ✓ Increase of 184% in tonnage for the Indicated Mineral Resource category in updated 2023 MRE – the largest southernmost graphite resource in Canada
- ✓ Met with many local community members and communicated with mayors throughout 2023
- ✓ Demonstrated high purity and strong metallurgical profile of La Loutre natural flake graphite - LCT testing achieved 94.7% recovery and up to 99.1% Cg reconciled grade
- ✓ Secured up to \$500,000 in funding from federal and provincial agencies to continue advancing pre-feasibility level battery trials with its La Loutre natural flake graphite concentrate
- ✓ Closed on acquisition of Carmin, which provides additional historical resources and site planning flexibility for La Loutre project
- ✓ Completed a field program in the region and across our claims with 10 new high-grade graphite showing discoveries
- ✓ Completed earn-in of Bourier first option: 49% ownership achieved

97 graphite mines needed to fuel the EV revolution

How many mines do we need?

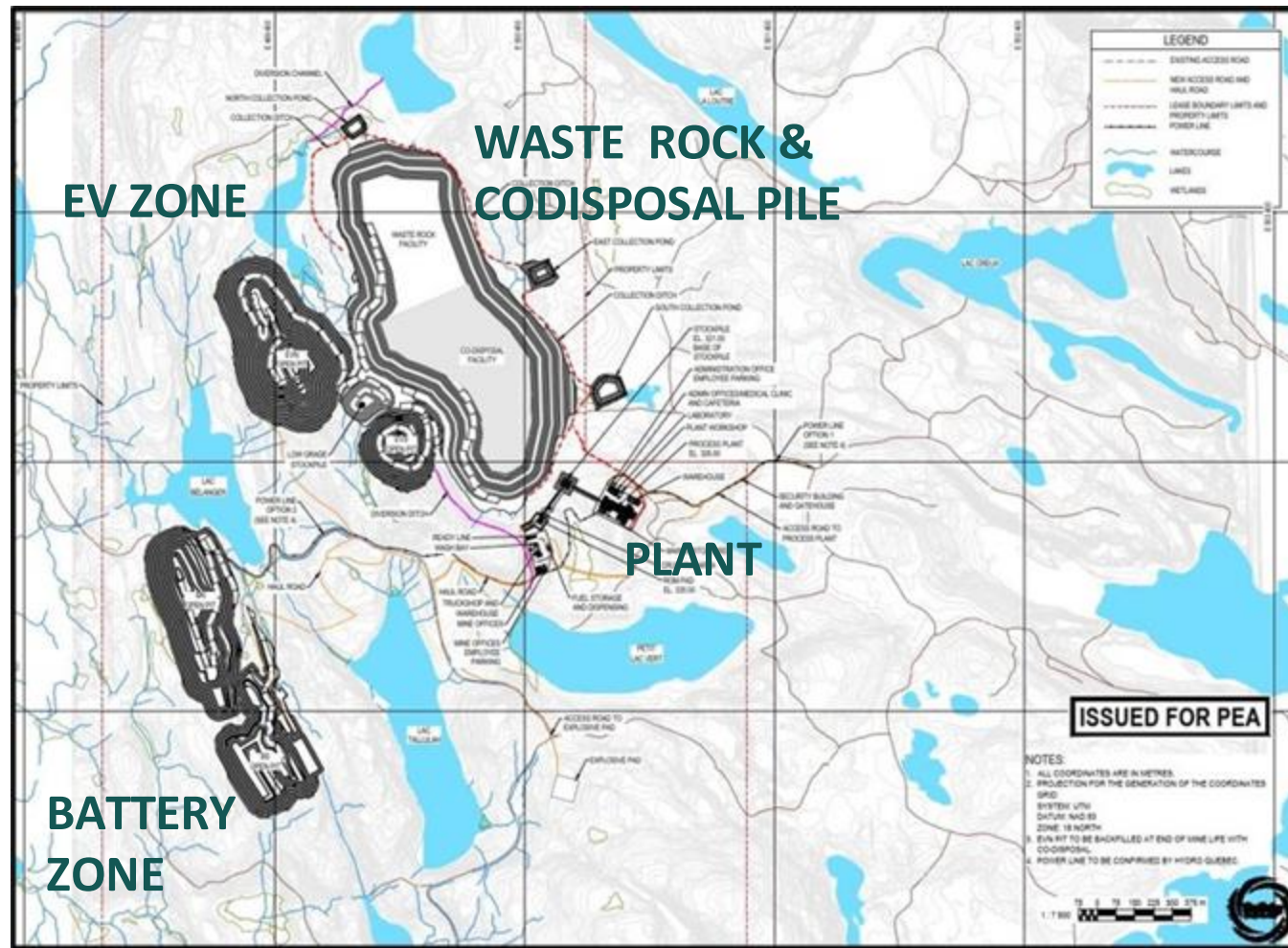
- Benchmark forecasts how many mines need to be built in the short time frame to keep up with exceptional volumes of demand needed for key raw materials expected by 2035
- La Loutre is positioning itself for success as a responsible source of graphite in Southern Quebec
- Graphite shortage at 97 new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



La Loutre: 2021 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

