



CONSOLIDATED

L I T H I U M M E T A L S

Strategically Located
North American Lithium

CORPORATE PRESENTATION

FEBRUARY 2024

TSXV: CLM | OTCQB: JORFF | FRA: Z36



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CAUTIONARY LANGUAGE AND LEGAL DISCLAIMER

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Except as required by law, the Company expressly disclaims any intention and undertakes no obligation to update any forward- looking statements or information as conditions change.

TECHNICAL INFORMATION

The scientific and technical information contained herein has been reviewed and approved by Roger Lemaitre, P.Eng., P.Geo., the Company’s Senior Vice President & Head of Mining who is a “Qualified Person” as defined in National Instrument 43-101 – Standards of Disclosure for Mineral Projects.



CLM is a Strategic Lithium Investment:

- Recent **government incentives** and policies in North America, Canada, and Quebec have the urgent objective of establishing a regional EV supply chain
- Despite short-term price fluctuations, **lithium demand** both globally and in North America is **forecast to far exceed all possible supply scenarios**
- CLM's management team and directors have **experience** making actual mineral discoveries and developing and operating active mines
- CLM has a **dominant land position** proximal to and actually abutting the largest lithium production facility in North America
- CLM's assets are located in the **infrastructure-friendly Abitibi Region** with access to power, roads, a continental-wide rail network, and an experienced and skilled mining labour force
- CLM's exploration projects span from brownfields to mid-stage to greenfields opportunities and most have **drill-ready targets**

Governments Pushing Hard to Develop Local EV Supply Chain...

The New York Times
Biden Signs Expansive Health, Climate and Tax Law
The president returned briefly from vacation to sign a bill that passed the House and Senate on party lines after more than a year of fraught negotiations.

THE GLOBE AND MAIL
Stellantis, LG reach new EV battery plant deal for up to \$15-billion in subsidies from Ottawa, Ontario

CBC | MENU
NEWS Top Stories Local Climate World Canada More
Politics
Federal government giving Volkswagen up to \$13B in subsidies to secure St. Thomas EV battery plant
St. Thomas plant expected to be the size of 391 football fields

Bloomberg
Ford Gets \$9.2 Billion to Help US Catch Up With China's EV Dominance

FINANCIAL POST
Energy / Electric Vehicles / Commodities
Canada pledges billions to Northvolt to build Quebec EV battery plant
IRA-scale subsidies similar to those given to Volkswagen and Stellantis

...But Where is the Raw Material Supply Going to Come From?

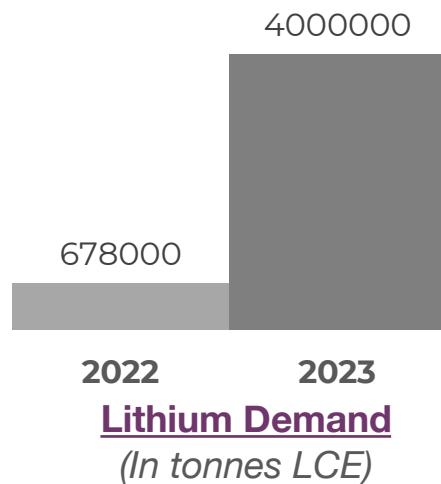
THE LITHIUM MINE FORECAST



If You Can Build it in North America, Battery Makers Will Come.

With government incentives and restrictions on OEMs concerning the source of raw materials for EVs in place, North American-sourced lithium production will be even more highly sought by regional battery makers and OEMs.

The forecast calls for a 6-fold increase in lithium demand by US domestic battery makers by 2035 but only 22% of that needed lithium can be supplied domestically. One could expect a regional premium on North American-sourced lithium supply. Currently, North American-destined lithium carbonate equivalent trades at a premium to the market.



Average Mine Size
(In tonnes LCE)



of New Mines Needed

SOURCE: Benchmark Minerals Intelligence webinar: Sustainable Lithium: Prices, Economics & Availability, presented January 18, 2024

THE EV ARMS RACE IS ON



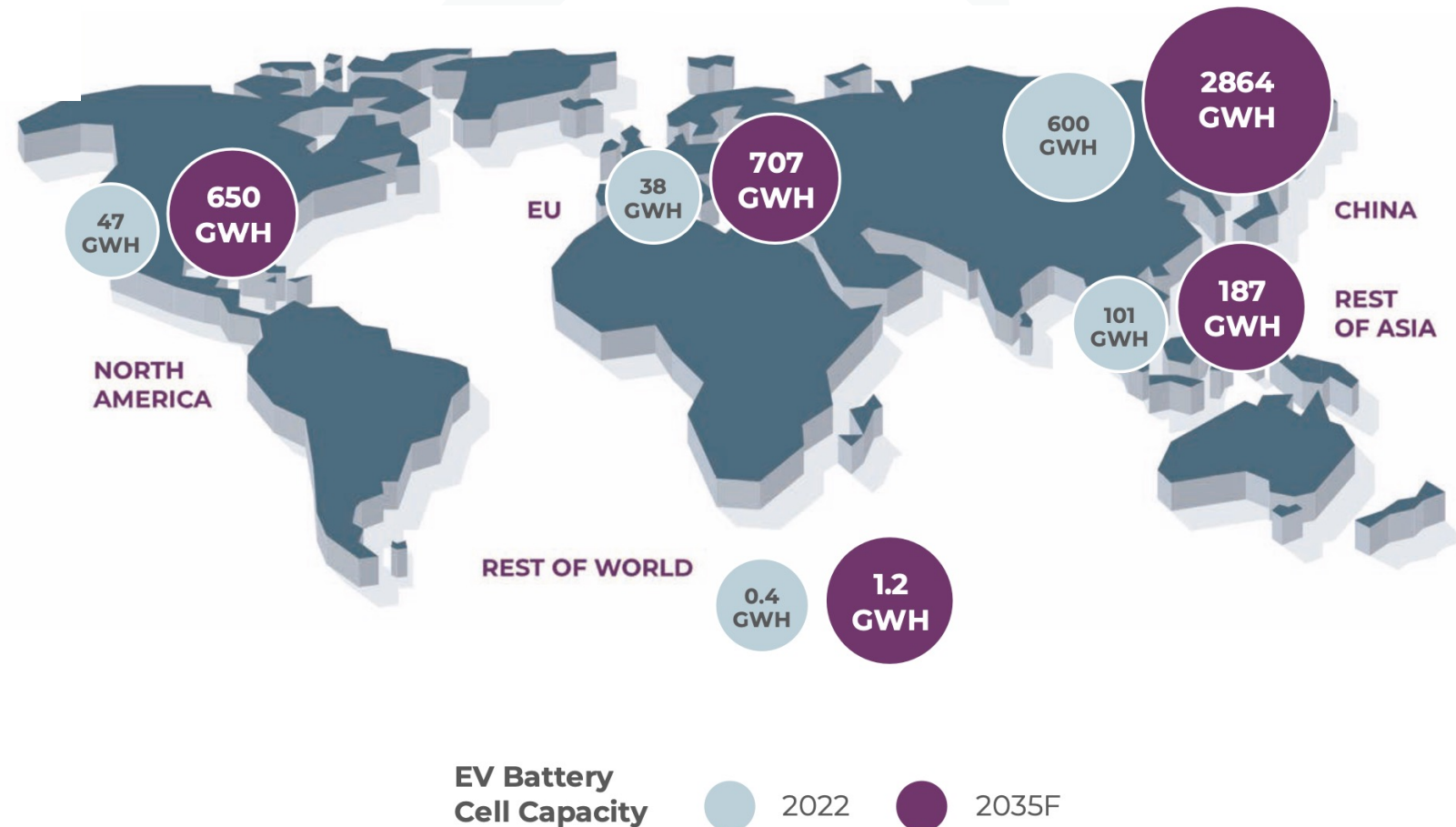
Multi-Billion Dollar Cell Manufacturing Investments Underway.

Despite the massive increase in battery cell manufacturing capacity underway in North America, when these plants reach production in 2035 their combined manufacturing capacity will match the current installed capacity in China.

China will continue as a dominant player in the EV battery space and will still control most of the raw material inputs. Clearly, there is a need for more North American-sourced lithium production.

The challenge is that it takes a much longer period to permit, develop, and construct a new lithium mine than build a battery plant. Thus, the demand for North American-sourced lithium will increase even more than general lithium demand in the next decade.

With its asset focus on the Abitibi Region, which has significant road, power, and rail and boasts a mining skilled labour force, CLM has a significant cost and time advantage over peers with assets in remote regions



CAPITALIZATION



Issued & Outstanding	356,317,266
Options	26,824,811
Warrants	42,824,934
Fully Diluted	388,086,345

COMPARABLES



COMPANY	TICKER	PRICE (LOCAL)	MKT. CAP. (C\$MM)	PROJECT	TYPE	LOCATION
Patriot Battery Metals	PMET (TSXV)	7.63	\$968	Corvette	SC	Quebec
Frontier Lithium	FL (TSXV)	0.51	\$116	PAK	SC, Int.	Ontario
Piedmont Lithium	PLL (ASX)	14.44	\$375	Multiple	SC, Int.	USA, Ghana
Sayona Mining	SYA (ASX)	0.055	\$499	Multiple	SC	Quebec
Critical Elements Lithium	CRE (TSXV)	0.76	\$165	Rose	SC	Quebec
Consolidated Lithium Metals	CLM (TSXV)	0.02	\$7.2	Quebec	SC	Quebec

As of February 15, 2024

Experienced Finders, Developers, Constructors & Operators of Mines



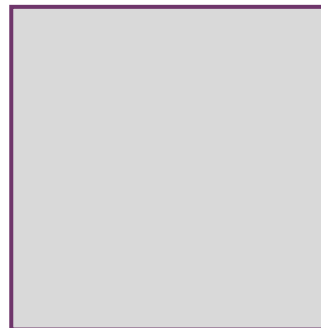
BRETT LYNCH
DIRECTOR

Mr. Lynch is a highly experienced international company director and chief executive, with a strong background in mining and mining-related businesses across Australia, Asia and North America and a proven track record in advancing shareholder value. As a senior mining engineer and manager, Mr. Lynch has more than 30 years' experience in the global industry, including previous posts with leading resource companies such as MIM Holdings, New Hope Corporation, Orica and VLI, during which time he was responsible for multi-million dollars international operations. Mr. Lynch's professional qualifications include a Bachelor of Engineering (Mining) (Honours) at the University of Melbourne, a Graduate Diploma of Business (Accounting) at Monash University and a Company Director Diploma from the Australian Institute of Company Directors.



ROBERT BRYCE
DIRECTOR

Robert Bryce is a graduate of the University of Toronto (BASc.) and of the University of Western Ontario (MBA) with more than 50 years of practical and executive mining experience at all levels. From 1975 to 1990, he led the Selbaie project from advanced exploration through feasibility to a 7,500 t.p.d. producing mine. From 1990 to 1994 he was VP Mining for Aur Resources, where he led the development of the 4,000 t.p.d. Louvicourt Cu-Zn-Au-Ag mine near Val d'Or, Quebec. Mr. Bryce founded Xemac Resources (now Vision Lithium) in 1996 and presided over the company until 2007. He has served as a director of several publicly listed junior resource companies, and as a technical advisor to others.



MAXIME LEMIEUX LLB,
DIRECTOR

Mr. Lemieux is part of the Corporate Group at MacMillan LLP in Montréal. He is primarily acting for public companies, agents, securities distributors and underwriters in Canada. He has been a member of the Quebec bar since 2006, completed a LL.L and a LL.B at the MBA at Laval University and the Fachhochschule University of Ottawa as well as a Kiel in Germany.



RICHARD QUESNEL
EXECUTIVE CHAIRMAN AND DIRECTOR

Mr. Quesnel served as President and Chief Executive Officer of Consolidated Thompson Iron Mines of Montreal. He has over 40 years of senior mine management and engineering experience at large gold, copper, nickel and iron ore mining properties in Canada and the Western USA including at Ledcor CMI Limited, JS Redpath Limited, Barrick Goldstrike, Quebec Cartier Mining and Placer Dome. He has successfully developed, commissioned, operated and expanded mining operations, both open pit and underground. He is a Professional Mining Engineer in Quebec and holds a Bachelor of Science degree in Mining Engineering from McGill University.



BRETT RENE
CEO AND PRESIDENT

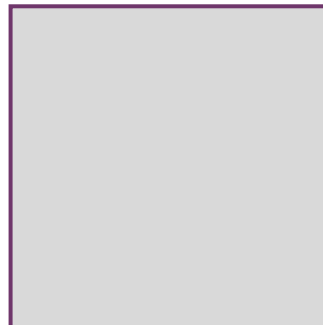
Over a 20-year career, Rene has held several key roles in both public and private companies, including those in the resource, & technology sectors. Rene was the former VP Business Development at Avion Gold Corp, that was later acquired by Endeavour Mining Corporation for CDN\$389 million. Mr. Bharti is also the founder and Chairman of Future Fertility Inc., an Artificial Intelligence company focused on women's health. Mr. Bharti holds a Bachelor of Commerce (Honors) from Queens University.

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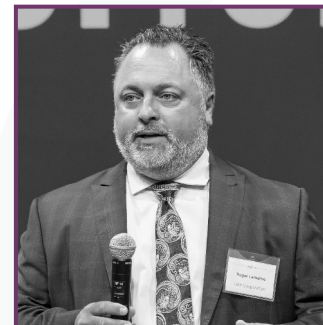
AARON ATIN
CORPORATE SECRETARY

Mr. Atin is a corporate and securities lawyer with securities, mergers and acquisition and corporate finance experience. Mr. Atin is currently a legal consultant to various Toronto Stock Exchange, TSXV and CSE listed companies in various sectors including mining, financial services, agriculture and technology. Mr. Atin began his legal career as a corporate law associate at Davies Ward Phillips & Vineberg LLP. Mr. Atin holds a Bachelor of Arts from the University of Waterloo and a J.D. from the University of Toronto, Faculty of Law.



RYAN PTOLEMY
CFO

Mr. Ptolemy is a CPA, CGA and CFA charter holder and obtained a B.A. from Western University. He serves as CFO to a number of public and private companies in the mining sector, particularly exploration and development stage companies in South America. Mr. Ptolemy formerly served as CFO for an independent investment dealer in Toronto where he was responsible for financial reporting, auditing, budgeting and internal controls.



ROGER LEMAITRE
SENIOR VICE PRESIDENT, HEAD OF MINING

Mr. Roger Lemaitre is a Professional Engineer and Geologist with more than 30 years' experience spanning both senior and junior mining companies. Mr. Lemaitre held the position of President & CEO of UEX Corporation and was CEO and Executive Director of URU Metals Limited, an AIM-listed exploration company. Mr. Lemaitre held a variety of senior management positions with Cameco Corporation, including Director of Worldwide Exploration Projects and was involved in Cameco's strategic growth team.



DR. ANDREAS ROMPEL
VICE PRESIDENT EXPLORATION AND DIRECTOR

Mr. Ptolemy is a CPA, CGA and CFA charter holder and obtained a B.A. from Western University. He serves as CFO to a number of public and private companies in the mining sector, particularly exploration and development stage companies in South America. Mr. Ptolemy formerly served as CFO for an independent investment dealer in Toronto where he was responsible for financial reporting, auditing, budgeting and internal controls.

Dominant Position Along the Vallée Lithium Trend and LaCorne Batholith

Vallée Joint Venture - brownfields project immediately adjacent to Quebec's only Li producer Sayona Mining. Owned 75% by CLM and 25% by Sayona

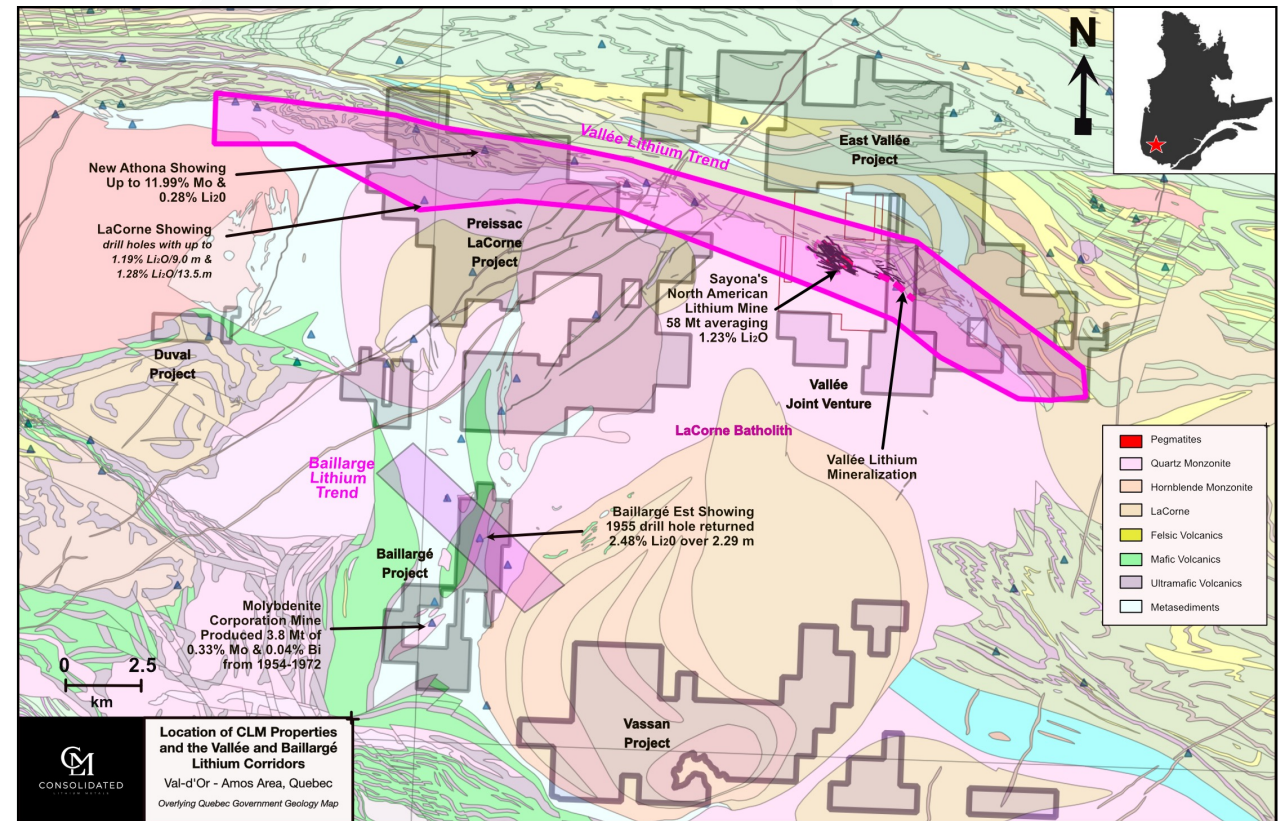
East Vallée - drilling in 2023 at Vallée JV has traced lithium-bearing pegmatites along strike right to the western property boundary where a 5 km section of the Vallée Lithium trend remains untested by drilling - 100% CLM

Baillargé - The Baillargé Est pegmatite swarm identified by 2023 drilling remains open along strike in both directions and at depth. Baillargé Est and the Chubb Central Showing on the adjacent property are on strike with each other with the 1200 m long area in between untested by drilling - 100% CLM

Preissac-LaCorne - hosts multiple lithium showings along the Vallée Lithium Trend. Pegmatite dykes traced to the property boundary from the adjacent Augustus project. New lithium showings identified during summer 2023 - 100% CLM

Duval & Vassan - grassroots projects on the LaCorne Batholith

Six Strategically Located Properties in the Abitibi Region



SOURCE FOR GEOLOGY MAP: Government of Quebec = Ressources naturelles et Forêts website at https://sigcom.mines.gouv.qc.ca/sigmet/classes/11108_afchCarteIntr

THE VALLÉE JOINT VENTURE

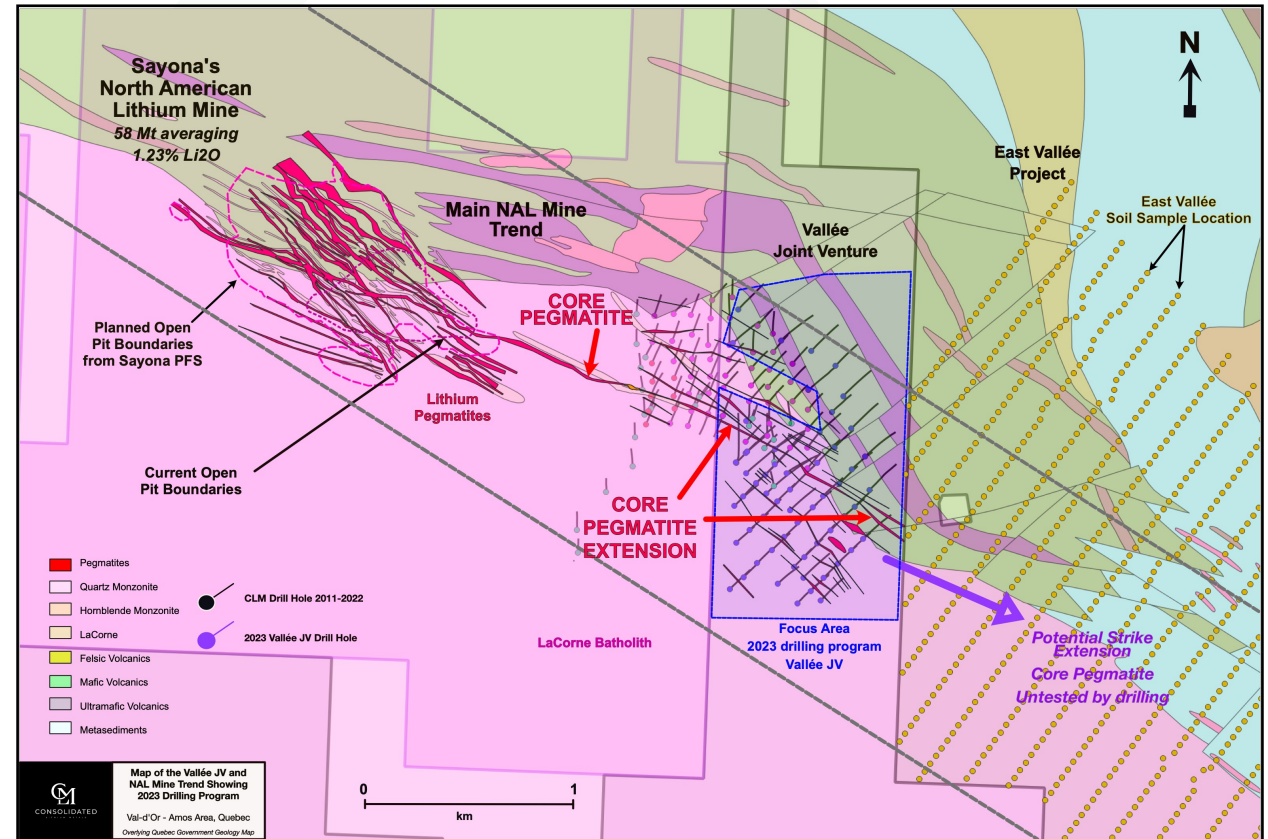


Mine Pegmatites Traced Across the Property

Joint Venture Ownership - CLM 75%, Sayona Mining 25%

- Sayona, operator of the neighboring North American lithium mine, can earn up to 50% in the project by incurring another \$6 million in exploration expenditures by November 2024
- CLM's mineralization is the southeastern extension of Sayona's pegmatites in their current mine plan
- Mineralization at the Vallée JV is shallow and open-pit amenable. An updated interpretation of the pegmatites is underway to determine the project's resource potential
- The 2023 summer drill program has confirmed that the Core Pegmatite extends across the east JV boundary where it remains untested on the Company's 100% owned East Vallée Project
- The pegmatites remain open for expansion along strike to the southeast and down-dip below 200 m vertical depth

Brownfield Exploration Connected Directly to the Largest Lithium Operation in North America



SOURCE FOR GEOLOGY MAP: Government of Quebec = Ressources naturelles et Forêts website at https://sigeom.mines.gouv.qc.ca/signet/classes/11108_afchCarteIntr

THE VALLÉE JV & THE POTENTIAL OF EAST VALLÉE



Mine Pegmatites Traced Across the JV

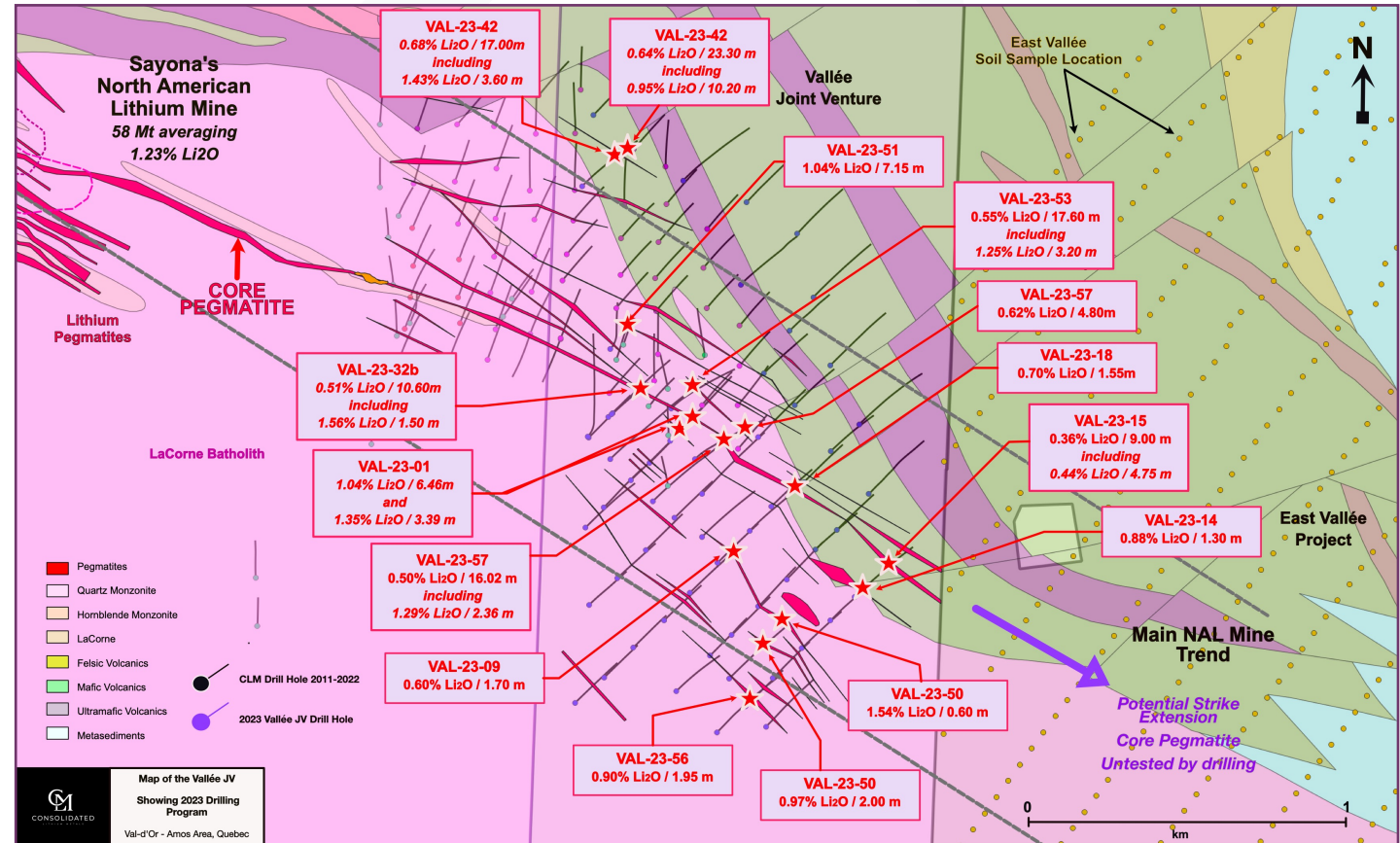
Vallée JV

- 15,445 m - \$4 million drilling program completed in 2023
- Pegmatites traced across the width of the property, including the Core Pegmatite
- An updated geological interpretation is underway to determine resource potential

East Vallée

- 100% owned by CLM
- Extensive soil sampling program completed in 2023 covering the 5 km extension of the Vallée Lithium Trend - geochemical results pending
- Only one historical drill hole within the 5 km section of Vallée Lithium trend on the project
- Straddles the favourable LaCorne Batholith and metasediment contact, a favourable geological environment in other spodumene-bearing pegmatite environments

Confirmed Lithium Pegmatite Swarm...Looking for the next Blowout



SOURCE FOR GEOLOGY MAP: Government of Quebec = Ressources naturelles et Forêts website at https://sigeom.mines.gouv.qc.ca/signet/classes/1108_afchCartelnt

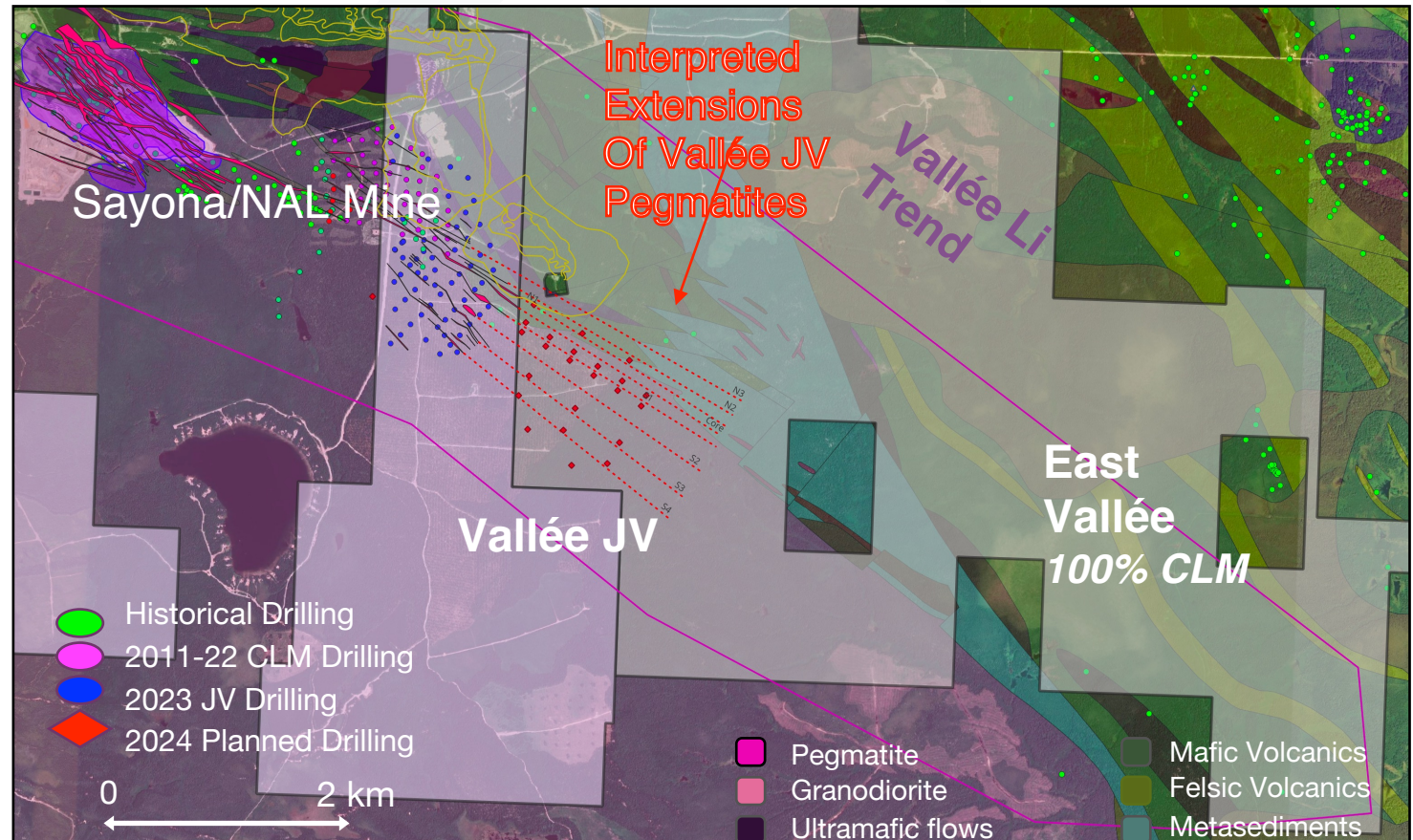
EAST VALLEÈ: HIGH-PRIORITY TARGET



No Historical Drilling Along 4 km Trend

- Eight pegmatites interpreted to extend east onto the East Vallée Project
- Planned winter/spring drilling program to test for the extensions, focused on the Core Pegmatite Dyke
- Another mine-scale blowout of the pegmatites would be expected along the Vallée Lithium Trend
- Will test within 2 km of the trend from the west property boundary

Winter/Spring 2024 Drilling Planned to Extend Mine Pegmatite Mineralization Across the Property



SOURCE FOR GEOLOGY MAP: Government of Quebec = Ressources naturelles et Forêts website at https://sigeom.mines.gouv.qc.ca/signet/classes/11108_afchCarteIntr

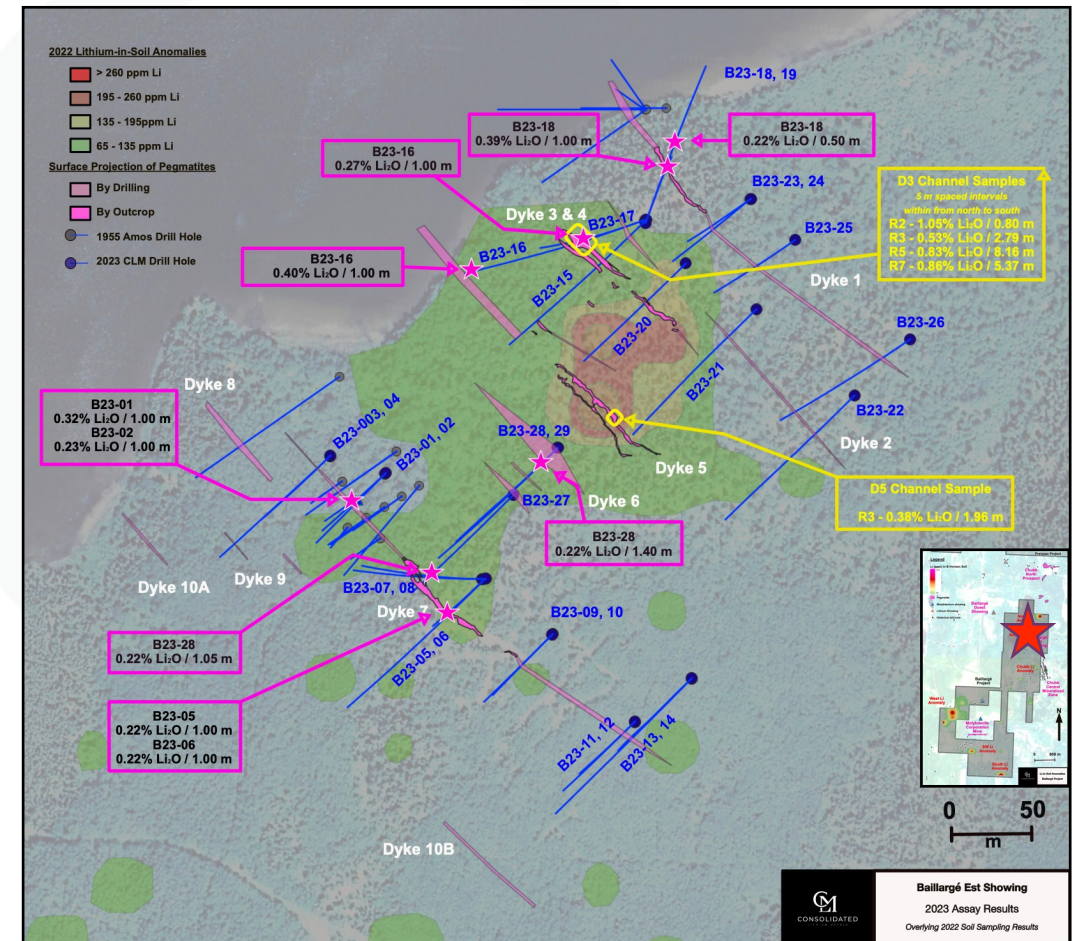
THE BAILLARGÉ PROJECT: MID-STAGE



Ten Pegmatite Dykes Defined and Open in all Directions

- The 2023 exploration program has increased the number of lithium pegmatites from three to ten over an area of 500 m x 450 m
- Exploration efforts have consisted of soil sampling, outcrop stripping and channel sampling and a 29-hole - 4,747 m drilling campaign
- Holes were drilled to a vertical depth ranging from 100-150 m. Most dykes have not been cut-off in the down-dip direction
- All ten pegmatites remain open for expansion along strike to the northwest, along strike to the southeast and at depth and appear to be zoned with multiple phases of pegmatite injections
- Lithium-enriched hot spots found in the Dyke 7 and Dyke 3 pegmatites that are limited in strike extent showcase the potential for high-grade lithium in undiscovered blow-out areas
- Future exploration will focus on finding areas along the strike where the pegmatites have a structural blow-out to increase lithium grades and pegmatite thicknesses

Another Confirmed Lithium Pegmatite Swarm



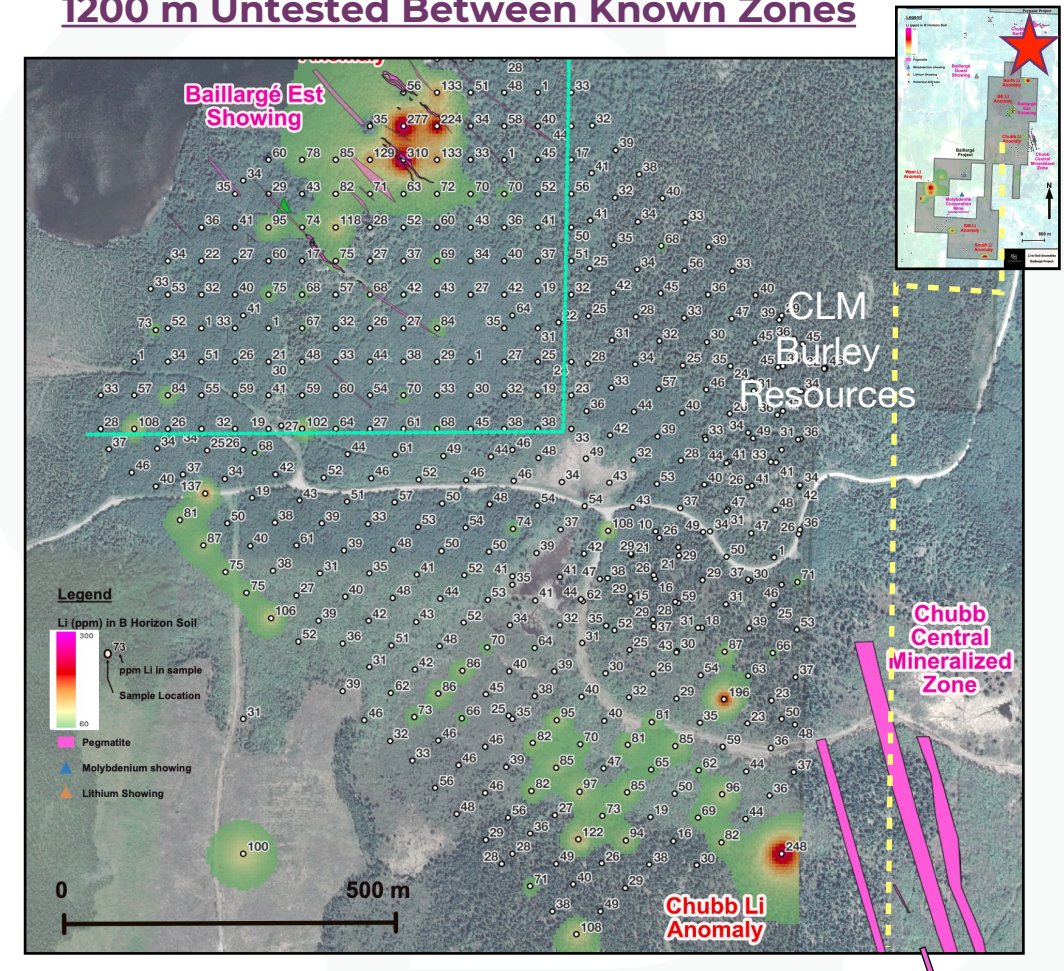
THE BAILLARGÉ TREND GAP



No Drill Holes Between Baillargé East and Chubb

- The Baillargé Est and Chubb Central Zones strike towards each other and could be a part of the same lithium dyke swarm trend
- The 1200 m long gap between the two showings has never been drill-tested
- CLM's 2023 soil sampling program has identified lithium-in-soil anomalies near the property boundary and proximal to the Chubb Central Mineralized Zone
- CLM will follow up the 2023 program with additional outcrop stripping and drilling in the Baillarge Gap area

1200 m Untested Between Known Zones



GRASSROOTS POTENTIAL ACROSS BAILLARGÉ UNTESTED



Two Pegmatite Trends Collide

- The highest priority target on the project following the 2023 program is the 1200 m long Baillargé Gap on the NW-SE trend between the Baillargé Est Showing and the Chubb Central Mineralized Zone on the adjacent property
- Recent success by other operators to the north of Baillargé has discovered multiple lithium-bearing pegmatite blow-outs along a NNE-SSW trend following a thin wedge of metasedimentary rocks within the LaCorne Batholith, which may be a key structural corridor during pegmatite emplacement. This corridor crosses the property between Baillargé Est and Chubb. The larger pegmatite bodies could be the result of the intersection of NW-SE structures similar to the Baillarge Li Trend with this metasedimentary wedge
- Widely-spaced soil sampling property-wide in 2022 has also discovered four additional lithium-in-soil anomalies that remain untested by drilling

North Li Anomaly

- samples up to 232 ppm Li on a single line with 400 m spaced samples

West Li Anomaly

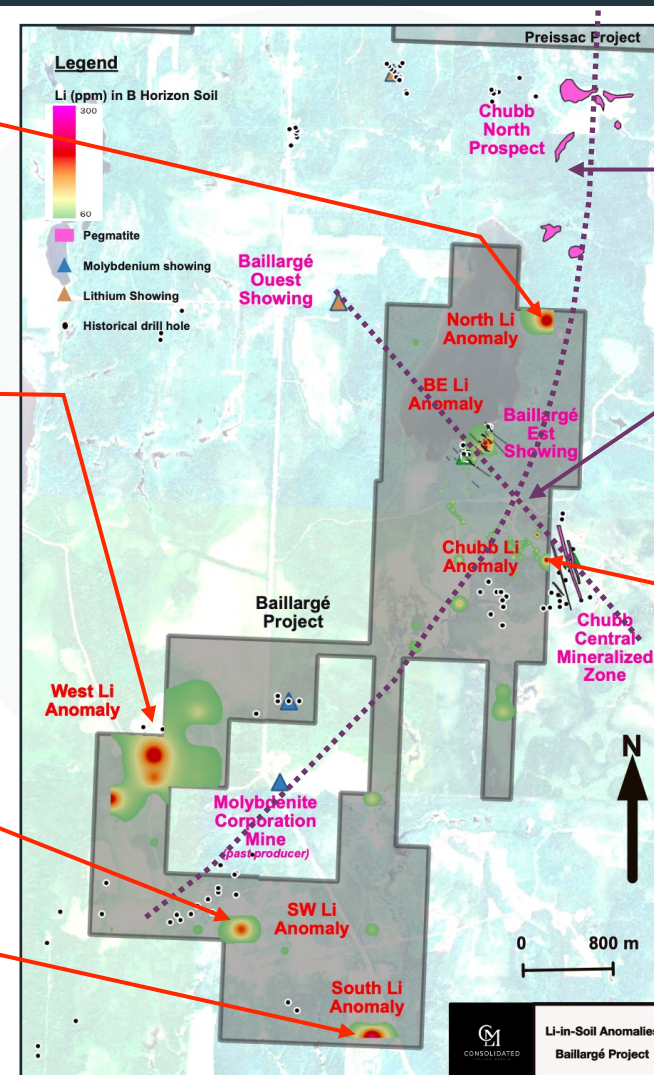
- samples up to 229 ppm Li on a 400 x 400 m spaced sample grid

SW Li Anomaly

- samples up to 173 ppm Li on a 400 x 400 m spaced sample grid

South Li Anomaly

- samples up to 265 ppm Li on a 400 x 400 m spaced sample grid



Trend of the metasedimentary wedge/structural corridor?

Baillargé Li Trend

- blowouts at the intersection of the two trends?

Chubb Li Anomaly

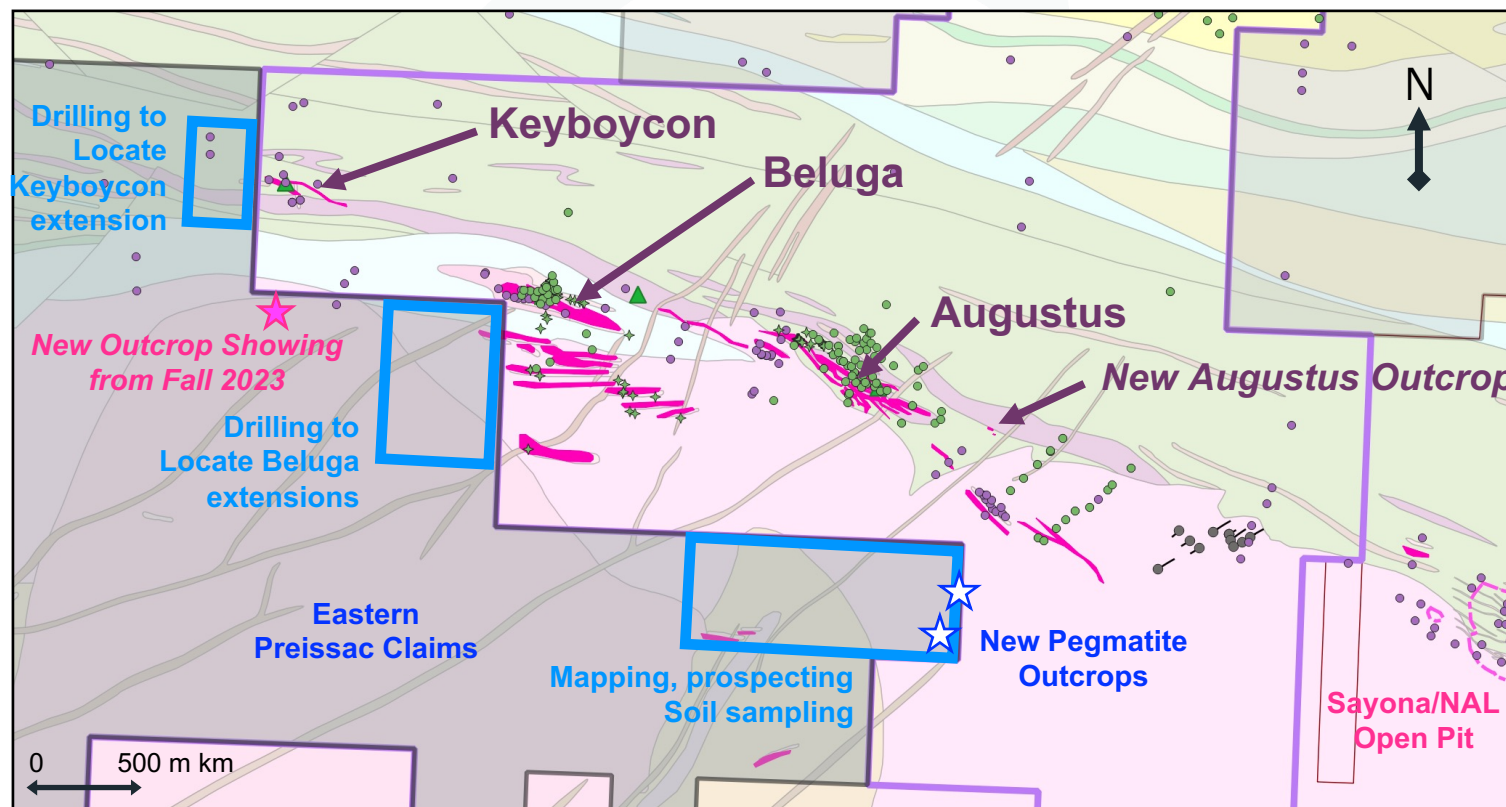
- samples up to 248 ppm Li on a 50 x 50 m spaced sample grid

PREISSAC-LACORNE: MID-STAGE



- 2023 soil sample results (still pending) will help refine targeting along the east boundary
- Summer drilling planned for Keyboycon extension to locate the extension of the known pegmatite along the northern branch of the Vallée Lithium Trend
- Summer drilling to locate Beluga Main and Beluga South pegmatites that have been traced to the east property boundary
- Mapping/prospecting and soil sampling in the area of the new pegmatite outcrops discovered in the fall within the new clear-cut areas

High-grade Pegmatite Swarm from Augustus Traced to Property Boundary



SOURCE FOR GEOLOGY MAP: Government of Quebec = Ressources naturelles et Forêts website at https://sigeom.mines.gouv.qc.ca/signet/classes/11108_afchCarteIntr

 Pegmatite	 Mafic Volcanics
 Granodiorite	 Felsic Volcanics
 Ultramafic flows	 Metasediments

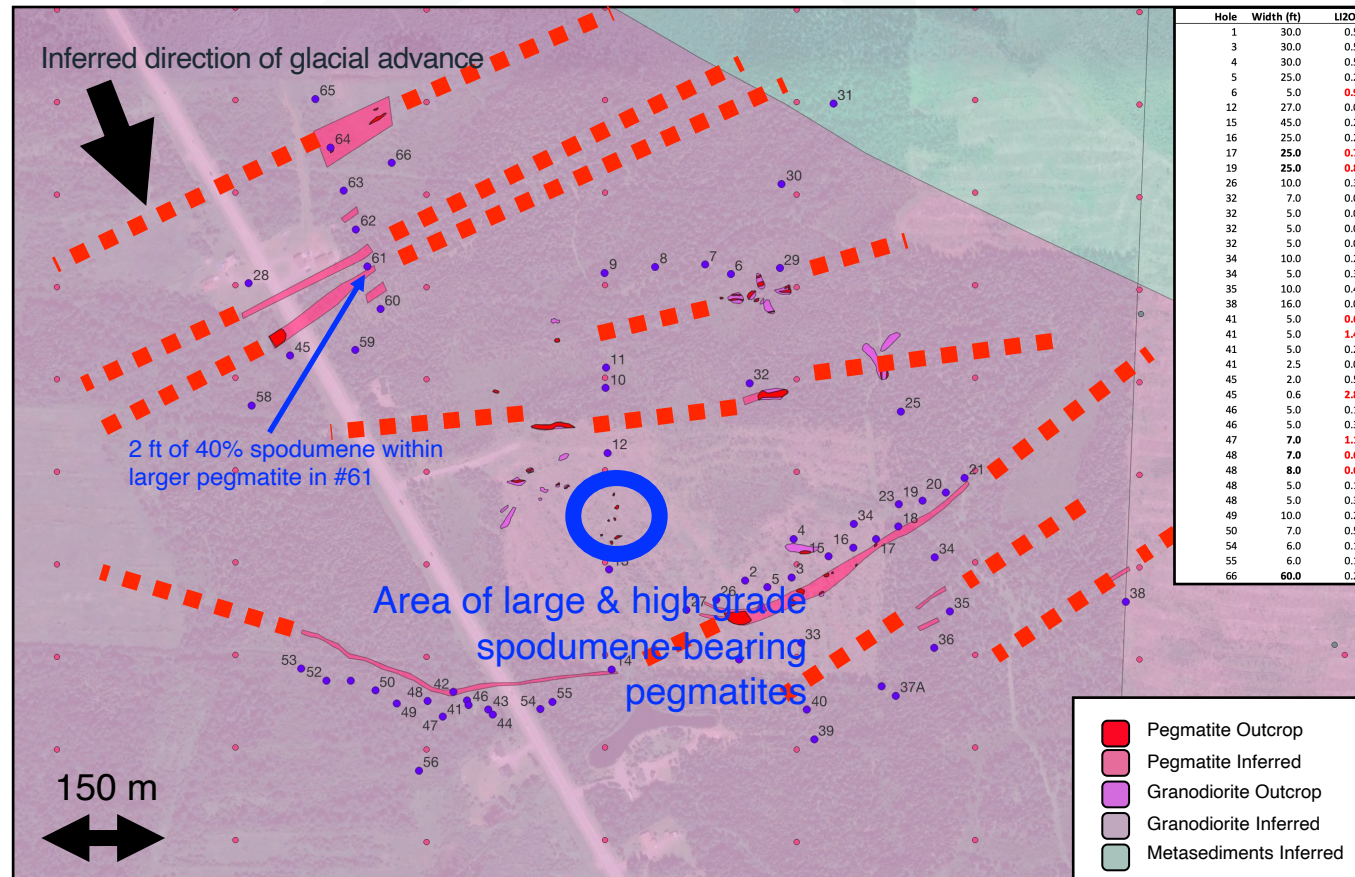
LACORNE SHOWING SOIL SAMPLING & BOULDER PROSPECTING



High-grade Boulders Believed to be Proximal to Source

- 8 known lithium-bearing pegmatites within an 800 m N-S area
- Limited drilling has occurred along the strike of confirmed intersections**
- Pegmatites are wide and clearly have internal zoning some of which is Li-Rich
- High-grade boulders could be sourced up to five possible pegmatite dykes located up-ice

High-grade Lithium Pegmatite Swarm Untested and Open Along Strike



SOURCE FOR GEOLOGY MAP: Government of Quebec = Ressources naturelles et Forêts website at https://sigeom.mines.gouv.qc.ca/signet/classes/11108_fichCarteIntr



Developing North America's Next Lithium Mine:

- Developing a **High-Quality Lithium Resource base** in proximity to existing and operating Lithium mine infrastructure
- Acquiring and consolidating strategic **Adjacent Mining Claims** around an existing lithium mine for the purpose of developing a lithium mine within first quartile operating costs
- Building a **technically experienced** mining, processing, and metallurgical **team** to advance project from field exploration to mine production

Building North America's Next Lithium Carbonate or Lithium Hydroxide Refinery:

- **Joint Venture** in the construction and operation of the next Lithium refinery in Quebec, Canada
- Refining using efficient and environmentally sustainable **process**
- Building a **technically experienced** processing, and metallurgical **team** to advance project from spodumene production to lithium carbonate or lithium hydroxide production

FUTURE MILESTONES



- Upcoming winter/spring drilling program at East Vallée defining the strike extension of the Mine Pegmatites/Vallée JV pegmatites onto CLM's 100% owned property
- Detailed review of the 2023 Vallée Joint Venture drilling program to determine if sufficient information is present to define an open-pit amenable resource
- Receiving results of the 2023 fall soil sampling on the east end of the Preissac-LaCorne property and summer drilling to discover the extensions of the known Augustus, Beluga, and Keyboycon pegmatites defined on the adjacent property
- Follow-up mapping and outcrop stripping of areas within the Baillargé Gap in the vicinity of the Chubb Li Anomaly and prospecting the other four lithium-soil anomalies on the Baillargé Property
- Work towards partnerships that will enable the objective of the construction of a lithium refinery in the Abitibi Region.



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