



CONSOLIDATED

L I T H I U M   M E T A L S

# HARD ROCK LITHIUM EXPLORER & DEVELOPER

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CORPORATE PRESENTATION  
NOVEMBER 2024

TSXV: CLM | OTCQB: JORFF | FRA: Z36



# LEGAL DISCLAIMER



## CAUTIONARY LANGUAGE AND LEGAL DISCLAIMER

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## FORWARD-LOOKING STATEMENTS

Certain information contained herein regarding Consolidated including management’s assessment of future plans and operations, may constitute forward-looking statements under applicable securities law and necessarily involve risks, including but not limited to risks associated with mining exploration, operating costs, production costs, volatility of share prices, currency fluctuations, imprecision of resource and reserve estimates, if any, environmental risks and ability to access sufficient capital from internal and external sources.

As a consequence, actual results may differ materially from those anticipated in any forward-looking statements. Plans, intentions or expectations disclosed in any forward-looking statements or information should not be read as guarantees of future results or events and will not necessarily be accurate indications of whether or when or by which such results or events will be achieved.

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:

- CLM has a **dominant land position in Quebec, Canada** directly next to 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 **six exploration projects** span over **22,600 ha** from brownfields to mid-stage to greenfield opportunities and most have **drill-ready targets**
- CLM's management team and directors are **experienced** in mineral exploration, consolidation, accelerated development, and operation of active mines



## Developing North America's Next Lithium Mine:

- Developing a **High-Quality Lithium Resource base** in proximity to existing and operating Lithium mine infrastructure
- Continue to **acquire and consolidate** strategic **Adjacent Mining Claims** around an existing lithium mine for the purpose of developing a lithium mine within first quartile operating costs

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

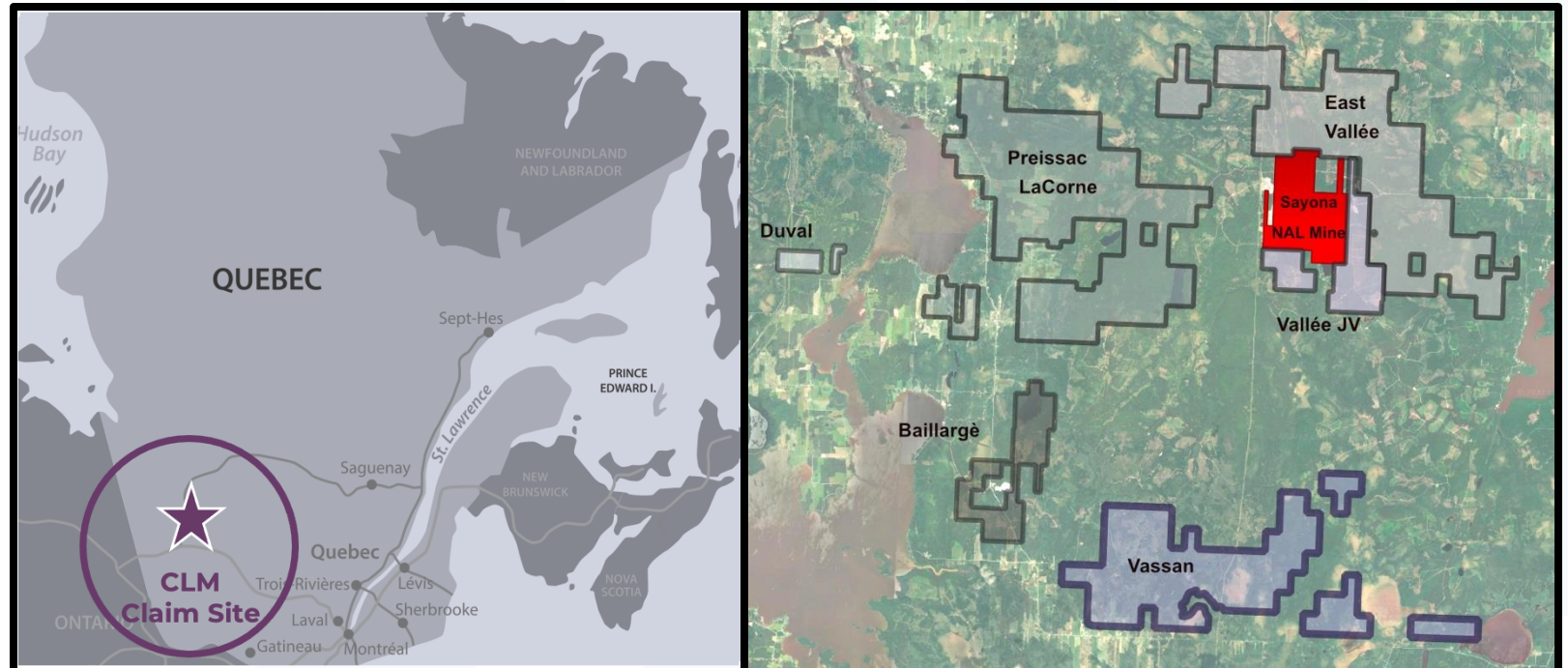
- **Joint Venture** in the construction and operation of the next Lithium refinery in Quebec, Canada
- Selecting an efficient and environmentally sustainable **process**



# PROJECT PORTFOLIO

## OWNERSHIP OF 6 LITHIUM EXPLORATION PROJECTS (22,600 ha)

- VALLÉE JOINT VENTURE (75% CLM | 25% SAYONA) - 2000 ha
- EAST VALLÉE (100% CLM) - 6250 ha
- BAILLARGÉ (100% CLM) - 1300 ha
- PREISSAC & LACORNE (100% CLM)- 7770 ha
- VASSAN (100% CLM) - 5050 ha
- DUVAL (100% CLM)- 234 ha



# PORTFOLIO DETAILS

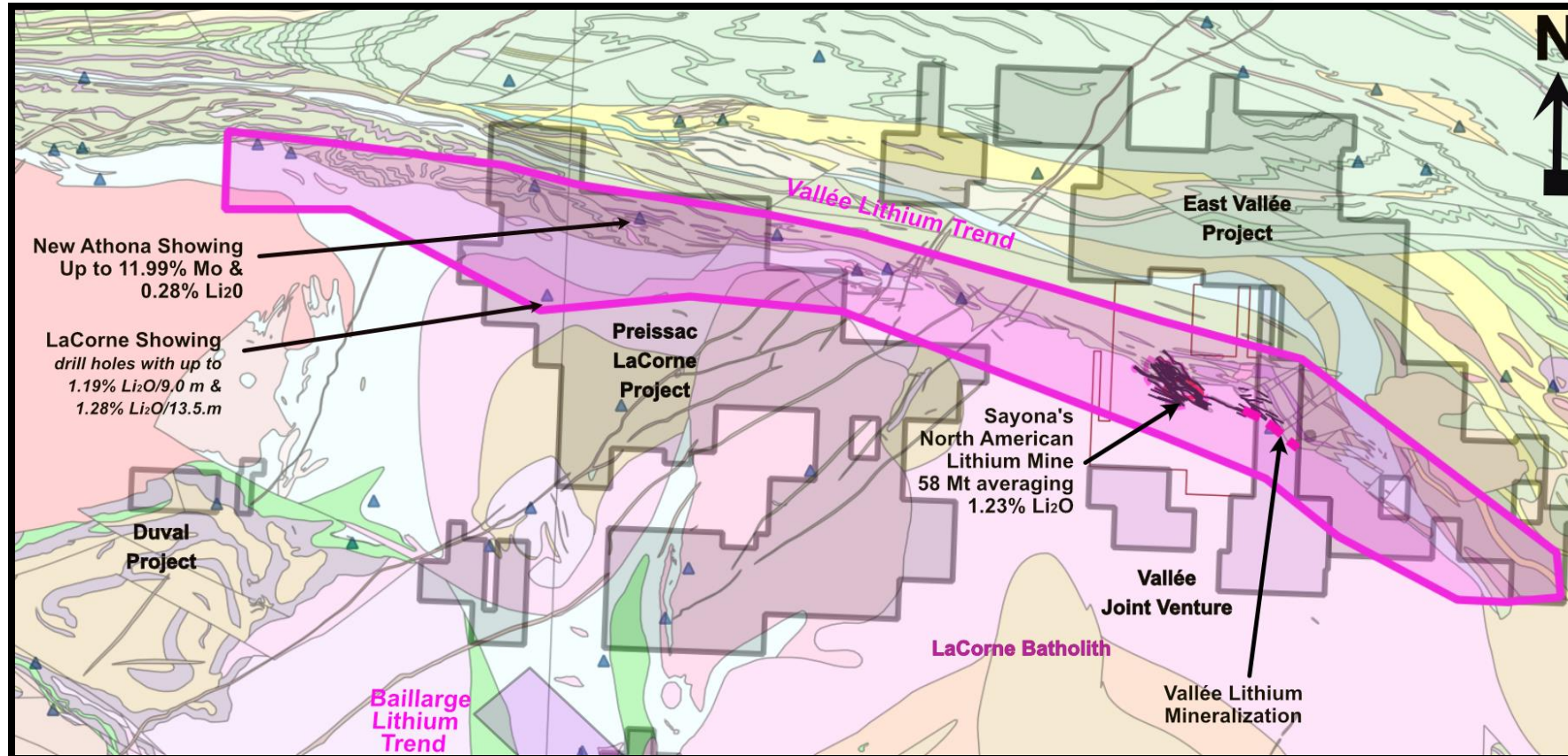


## CONSOLIDATED LITHIUM METALS – PORTFOLIO DETAILS

Area of claims [Hectares]	22 600
Number of Claims	489
Drilling completed [meters]	36 499
Drill holes	166
Channels completed [meters]	200+
Drilling Location	Ref. Claim map (Next Slide)
Lithium trend length [kilometers]	16.85
Metallurgical test	In Progress

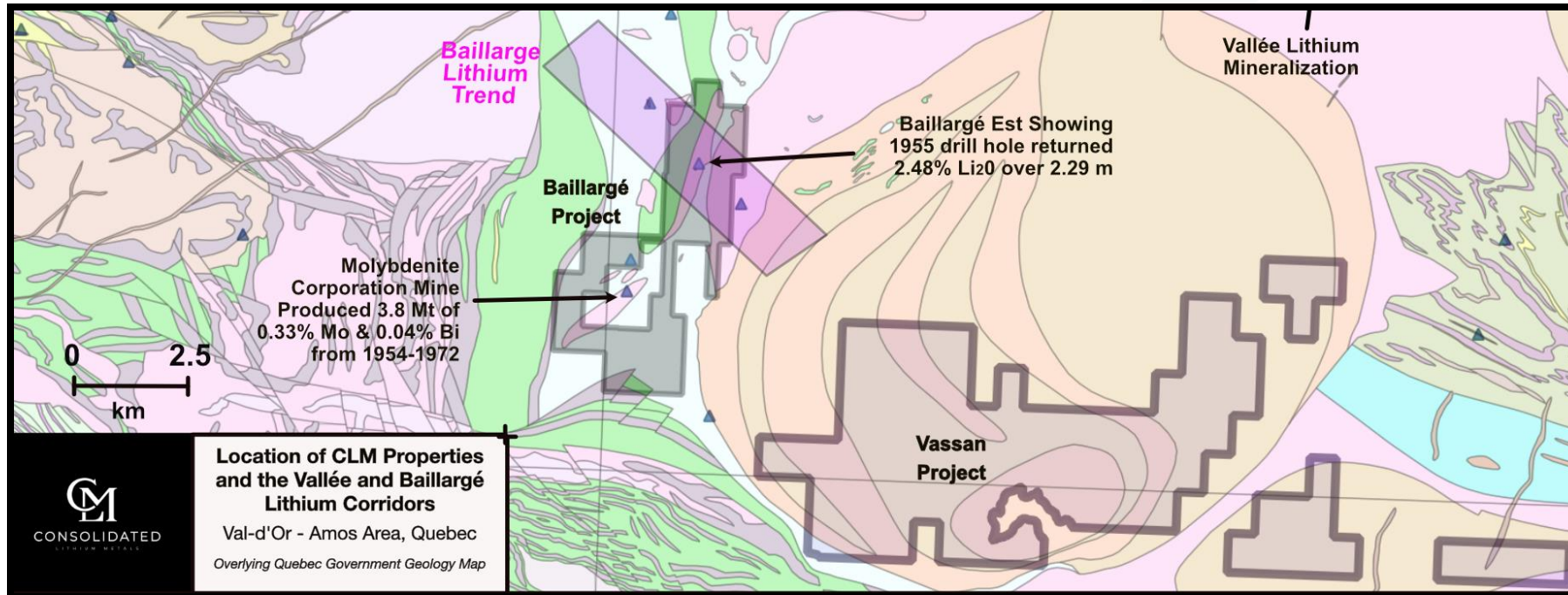


## Six Strategically Located Properties in the Abitibi Region



SOURCE FOR GEOLOGY MAP: Government of Quebec = Ressources naturelles et Forêts website at [https://sig.erm.mines.gouv.qc.ca/sig.net/classes/1108\\_afchCarteIntr](https://sig.erm.mines.gouv.qc.ca/sig.net/classes/1108_afchCarteIntr)

## Six Strategically Located Properties in the Abitibi Region



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# CLM 2024 EXPLORATION PROJECTS



- **East Vallée Project:** Q2 drilling program to define the strike extension of the NAL Mine
- **Vallée Joint Venture Agreement:**
  - **2023:** Sayona expended \$4 million in exploration work at Vallée JV property to earn 25% interest in Vallée JV property
  - **2024:** Sayona has option to expend \$6 million in exploration work at Vallée JV property to earn additional 25% interest in Vallée JV property
  - **2024:** Determine potential open-pit mineable resource of the Q4 2023 drilling program results



# CLM 2024 EXPLORATION PROJECTS



- **Preissac-LaCorne Project:** Defining strike extension of adjacent FE Battery Metals pegmatites on Preissac-LaCorne property with a Q3-Q4 exploration program
- **Baillargé Project:** Follow-up mapping and outcrop stripping of areas within the Gap in the vicinity of the Chubb Li Anomaly and prospecting the other four lithium-soil anomalies on the Baillargé Property
- **Lithium Refinery Project:** Advance discussions with potential partners/investors for construction/operation of Lithium refinery in Quebec, Canada

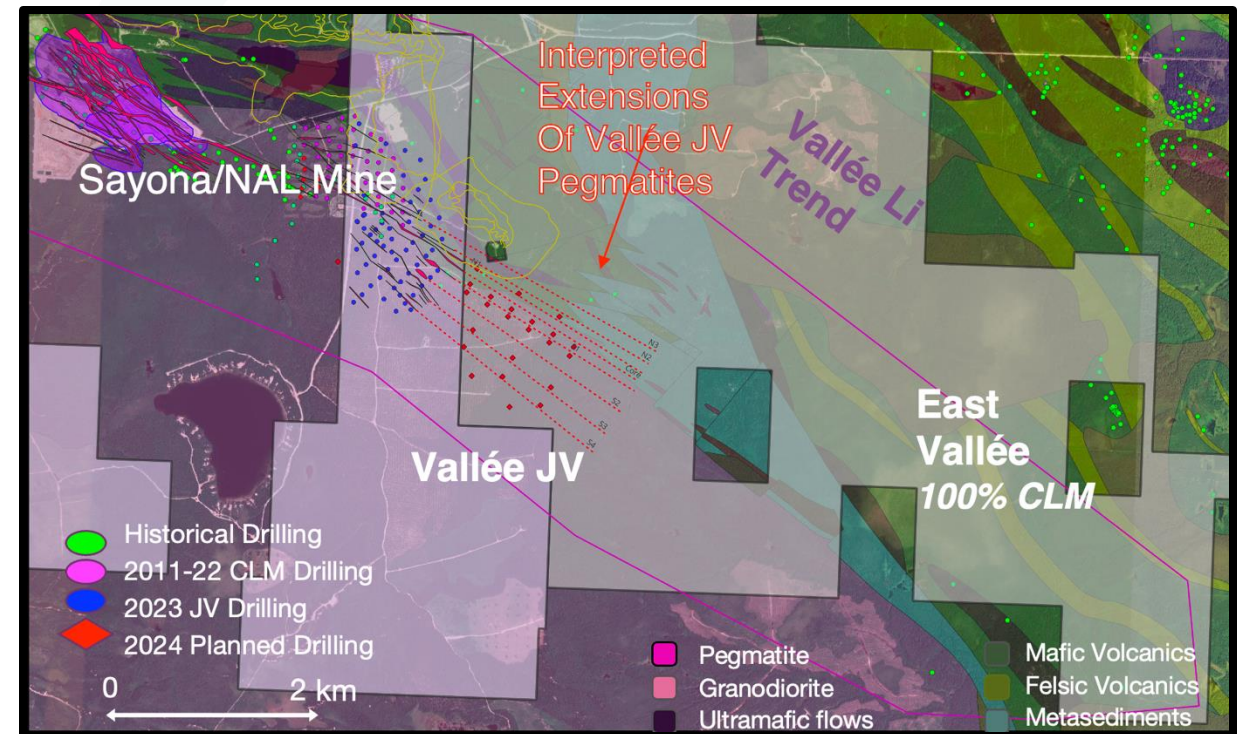
# EAST VALLÉE PROGRAM



## Mine Pegmatites Traced Across the Property

- **Eight pegmatites** interpreted to extend east onto the East Vallée Project.
- **East Vallée Drilling Program - Phase I:**
  - **Timeline:** Q2-Q3 2024
  - **Number of holes:** 12
  - **Drilling length:** 2400 m
  - **Purpose:** Testing for extension with focus on Core Pegmatite Dyke
- **East Vallée Drilling Program - Phase II (in-review):**
  - **Timeline:** Q3-Q4 2024 (Pending positive results of Phase I Program)
  - **Number of holes:** 12
  - **Drilling length:** 2400 m
  - **Purpose:** Testing for extension with focus on Core Pegmatite Dyke

## Q2 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://sig.rom.mines.gouv.qc.ca/signet/classes/11108\\_afchCartelnr](https://sig.rom.mines.gouv.qc.ca/signet/classes/11108_afchCartelnr)



# VALLÉE JOINT VENTURE PROGRAM

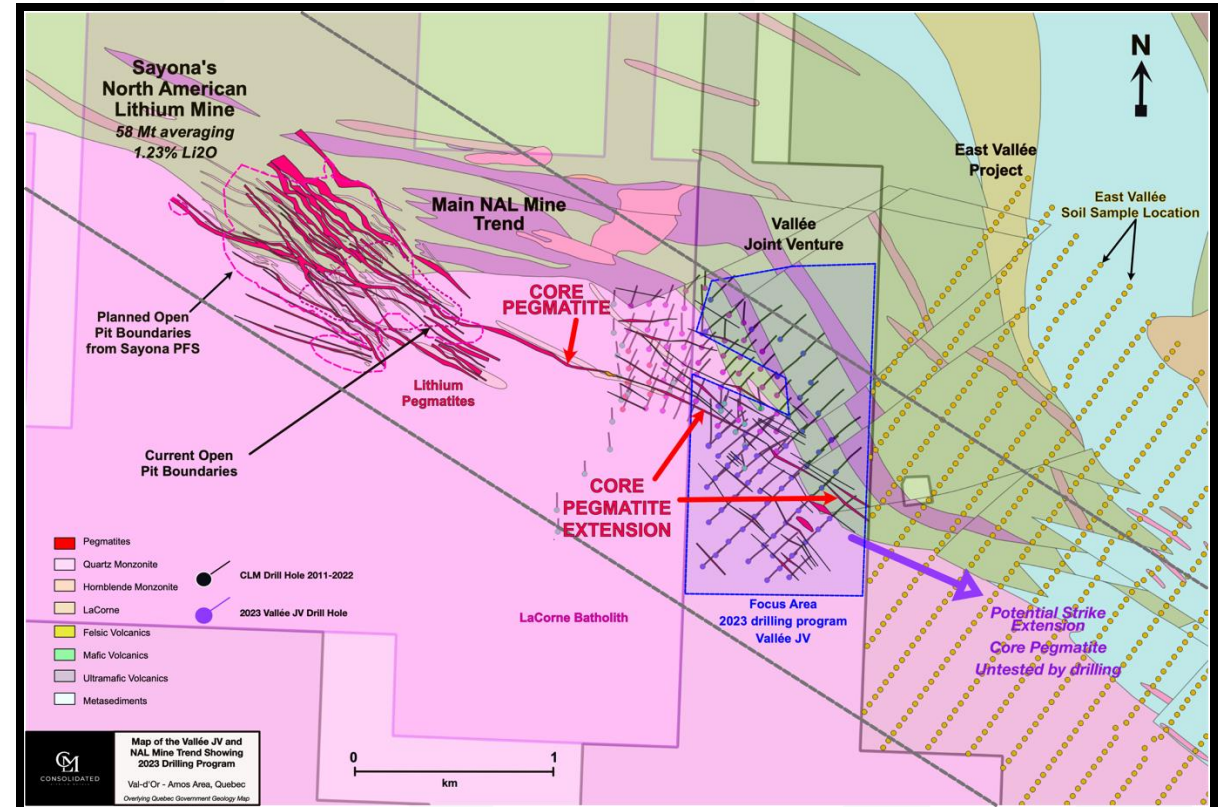


## Mine Pegmatites Traced Across the Property

**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
- An updated interpretation of the pegmatites is underway to determine the project's **resource potential**
- 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://sig.rom.mines.gouv.qc.ca/signet/classes/1108\\_afchCarteIntr](https://sig.rom.mines.gouv.qc.ca/signet/classes/1108_afchCarteIntr)

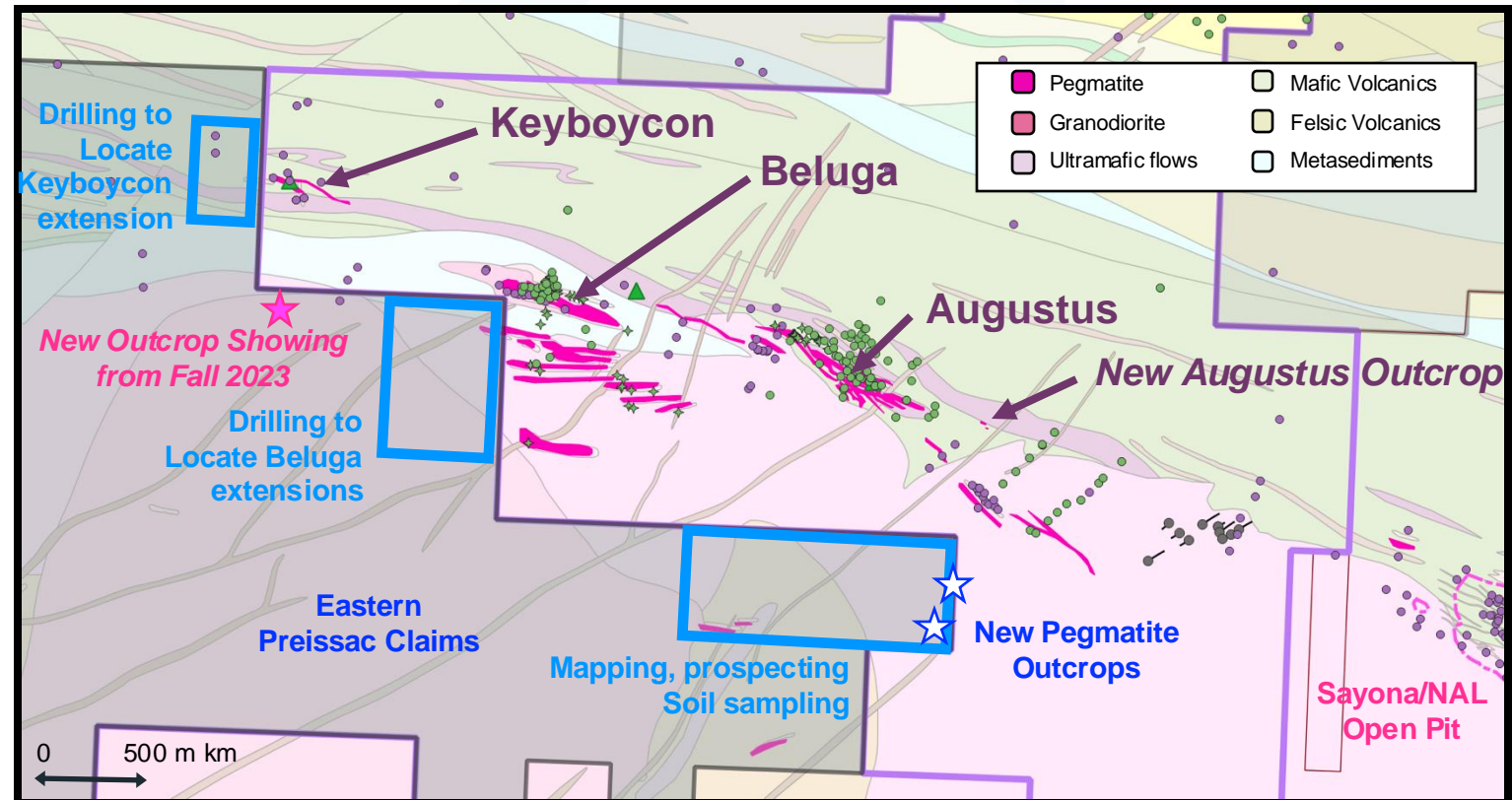
# PREISSAC-LACORNE PROGRAM



## Upcoming Exploration Program

- 2023 soil sample results will refine targeting along the east boundary
- Drilling planned for **Keyboycon extension** to locate the extension of the known pegmatite along the northern branch of the Vallée Lithium Trend
- Drilling planned to locate **Beluga Main and Beluga South pegmatites** that have been traced to the east property boundary

## 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/c/lasses/11108\\_afchCartelntr](https://sigeom.mines.gouv.qc.ca/signet/c/lasses/11108_afchCartelntr)

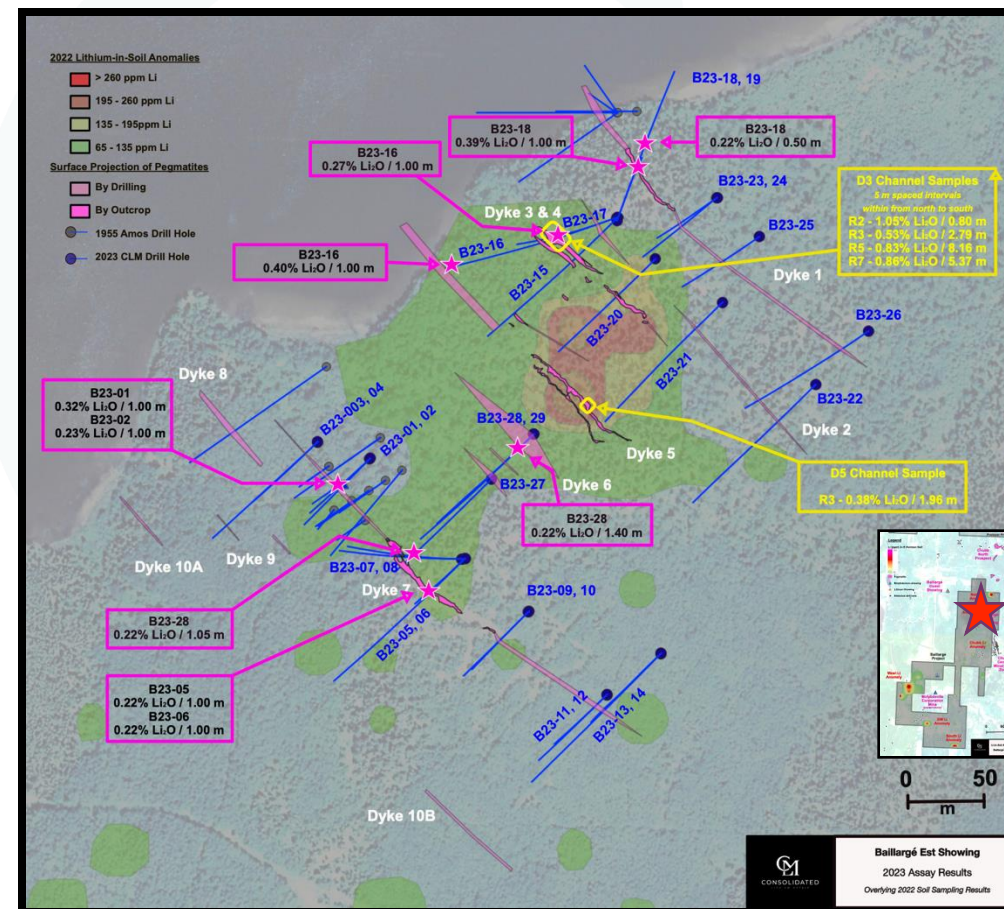
# BAILLARGÉ PROJECT PROGRAM



## 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
- 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
- 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



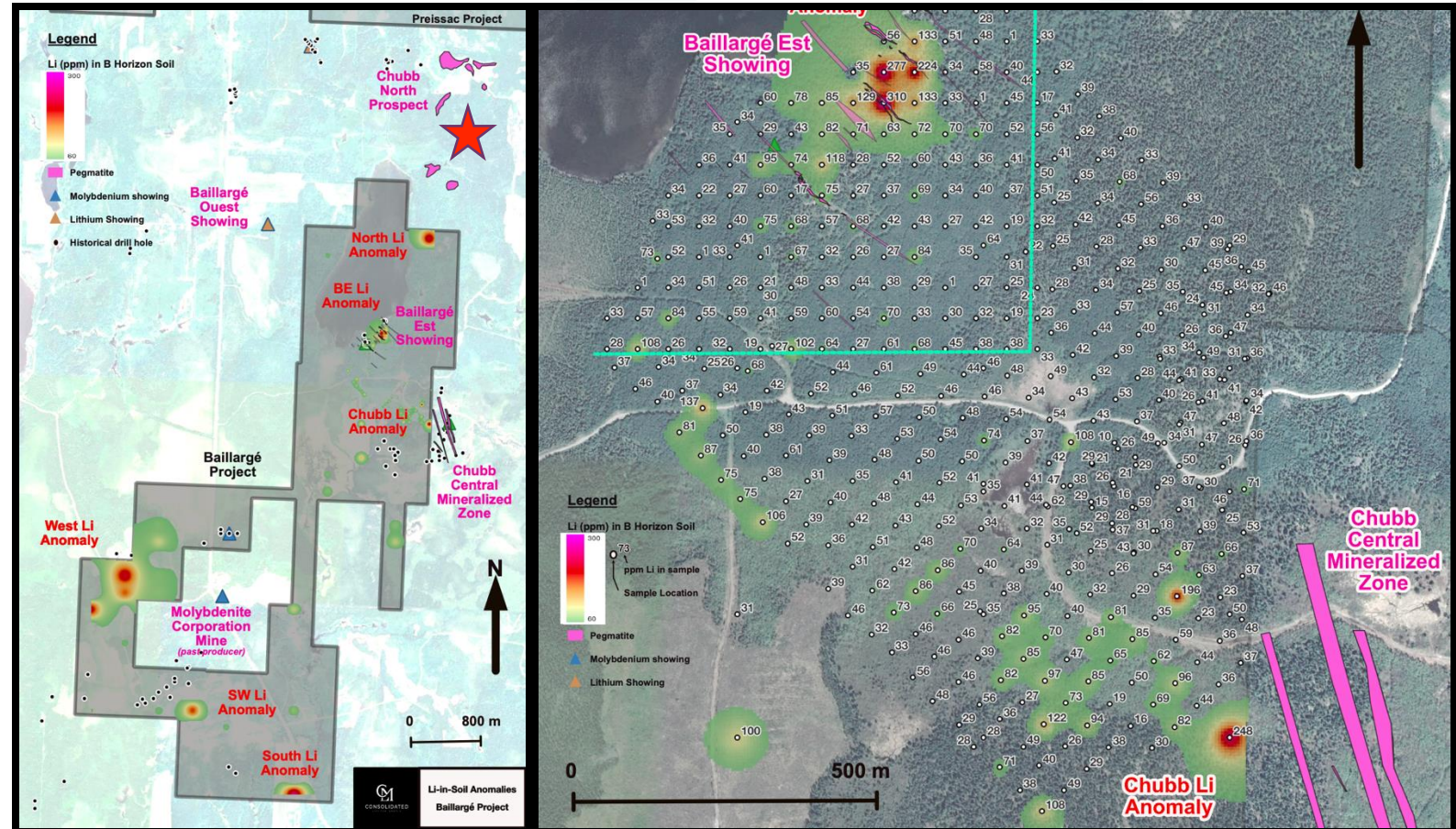
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# THE BAILLARGÉ TREND GAP

## No Drill Holes Between Baillargé East and Chubb - 1200 m Untested Between Known Zones

- The Baillargé Est and Chubb Central Zones strike towards each other and could be a part of the same lithium dyke swarm trend
- CLM will follow up the 2023 program with additional outcrop stripping and drilling in the Baillarge Gap area



SOURCE FOR GEOLOGY MAP: Government of Quebec = Ressources naturelles et Forêts website at [https://sigcom.mines.gouv.qc.ca/signet/classes/11108\\_afchCarteIntr](https://sigcom.mines.gouv.qc.ca/signet/classes/11108_afchCarteIntr)

## Experienced in Mineral Exploration, Development, Construction & Operation

### **RICHARD QUESNEL** **PRESIDENT & CEO**

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.

### **DR. ANDREAS ROMPEL** **VICE PRESIDENT EXPLORATION**

Dr. Rompel is a seasoned exploration professional with three decades of exploration experience in a wide range of roles from VP Exploration and Project Manager to Country Manager and Corporate Development. Most recently, Dr. Rompel was the President & CEO of Cobalt Power Group. Dr. Rompel has also worked in a variety of commodities, including precious metals and base metals as well as coking coal and cobalt. For more than a decade, Dr. Rompel evaluated capital projects within Anglo American and was on the board of Spectrem (an Anglo-American Company) as Technical Director.

### **RENE BHARTI** **VP CORPORATE DEVELOPMENT**

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.

## Experienced in Mineral Exploration, Development, Construction & Operation

### **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**

#### **CHIEF FINANCIAL OFFICER**

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.



## Experienced in Mineral Exploration, Development, Construction & Operation

### **BRETT LYNCH** EXECUTIVE CHAIRMAN

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.

### **RICHARD QUESNEL** 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.

### **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.

## Experienced in Mineral Exploration, Development, Construction & Operation

### **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 LLL and a LLB at the MBA at Laval University and the Fachhochschule University of Ottawa as well as a Kiel in Germany.

### **RENE BHARTI** **DIRECTOR**

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.

# LITHIUM HARD-ROCK MINING COMPARABLES



COMPANY	TICKER	PRICE <sup>[1]</sup> <sub>SEP</sub> (LOCAL)	MKT. CAP. <sup>[1]</sup> <sub>SEP</sub> (C\$MM)	PROJECT	TYPE	LOCATION
Patriot Battery Metals	PMET <sup>[1]</sup> <sub>SEP</sub> (TSXV)	6.86	\$940	Corvette	SC	Quebec
Frontier Lithium	FL <sup>[1]</sup> <sub>SEP</sub> (TSXV)	0.76	\$184	PAK	SC, Int.	Ontario
Piedmont Lithium	PLL <sup>[1]</sup> <sub>SEP</sub> (ASX)	16.30	\$315	Multiple	SC, Int.	USA, Ghana
Sayona Mining	SYA <sup>[1]</sup> <sub>SEP</sub> (ASX)	0.023	\$363	Multiple	SC	Quebec
Critical Elements Lithium	CRE <sup>[1]</sup> <sub>SEP</sub> (TSXV)	0.71	\$155	Rose	SC	Quebec
Consolidated Lithium Metals	CLM <sup>[1]</sup> <sub>SEP</sub> (TSXV)	0.025	\$8.9	Quebec	SC	Quebec

As of June 12, 2024





## CLM is a Strategic Lithium Investment:

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



# THANK YOU

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