



JAMES BAY
MINERALS

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Investor Presentation

ASX Code: JBY

September 2023

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Competent Person Statement

*The information in this Presentation that relates to Exploration Results at the La Grande and Troilus Projects is extracted from the Company’s Prospectus dated 19 July 2023 (**Prospectus**). The Company confirms that it is not aware of any new information or data that materially affects the information contained in the Prospectus.*

Company Snapshot



James Bay Minerals owns 100% interest in **22,438 Ha (224km²)** of prospective lithium projects within the James Bay region of Quebec.

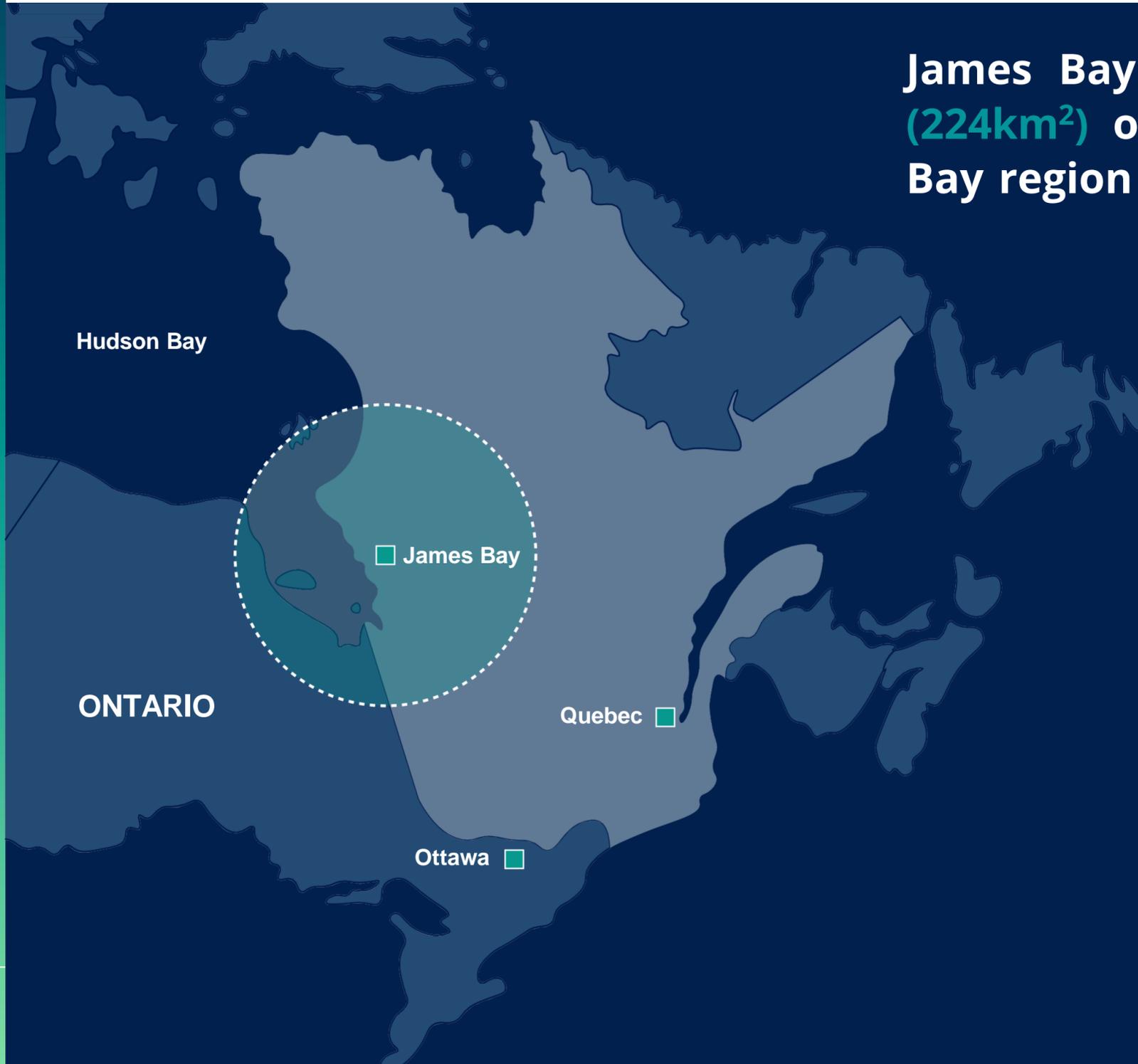
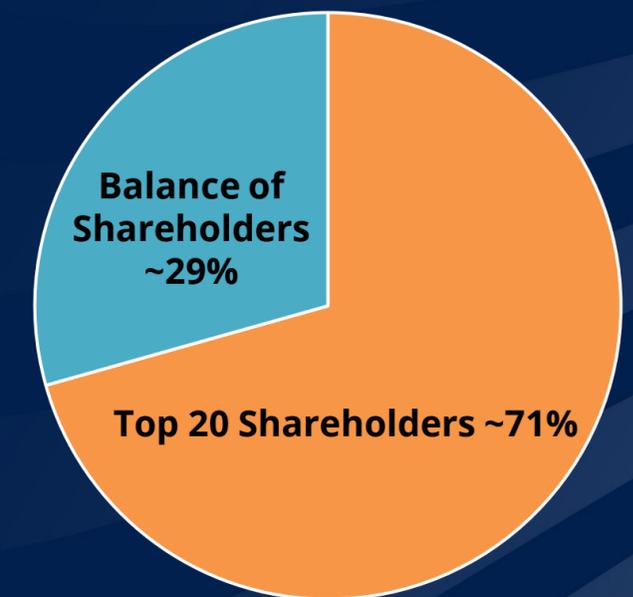
Corporate Summary

Shares on Issue
60,500,000

IPO Share price
\$0.20

Market Capitalisation
\$12,100,000

Cash in Bank
\$6,000,000



Board of Directors



Andrew Dornan
Executive Director

18 years senior commercial management experience within various major and mid-tier international mining organisations including Pilbara Minerals, Tianqi Lithium, Fortescue Metals Group, Newmont and Rio Tinto.



Gerard O'Donovan
Non-Executive Chair

Managing Director of Battery Age Minerals, based in Ontario, Canada. Served as the project manager for Pilbara Minerals, overseeing the development of the Stage 1 Pilgangoora mine & concentrator development. Integration manager for PLS of Altura Operations after acquisition.



Judy Baker
Non-Executive Director

8-year Director of Nemaska Lithium Quebec, which developed the largest Spodumene deposit in North America. Founder of Lithium Canada Corporation. Geologist, Engineer, MBA with strong Capital markets experience.



Dean Ercegovic
Non-Executive Director

Founding Director and Chief Operating Officer of Primero Group where he spent over 11 years. Primero now operates in multiple regions globally (including Quebec) and is an industry leader in the design, construction and operations of Lithium processing facilities.

Senior Management



Mark Fekete
Senior Geology consultant

30-year experienced geologist based in Quebec, fluent in French. Strong existing relationships with local exploration community and first nations suppliers.



Marty Huber
Senior Geology Consultant

20-year experienced geologist based in Quebec, with key experience across Lithium, base & precious metals projects.



Daniel Loughnan
Chief Financial Officer

20 years experienced Accountant (CPA). Director of Danpalo Group an accounting consultant to a number various listed ASX Companies.



James Doyle
Company Secretary

Experienced company secretary and corporate advisor with over 15 years' experience advising public and private companies across a range of sectors.



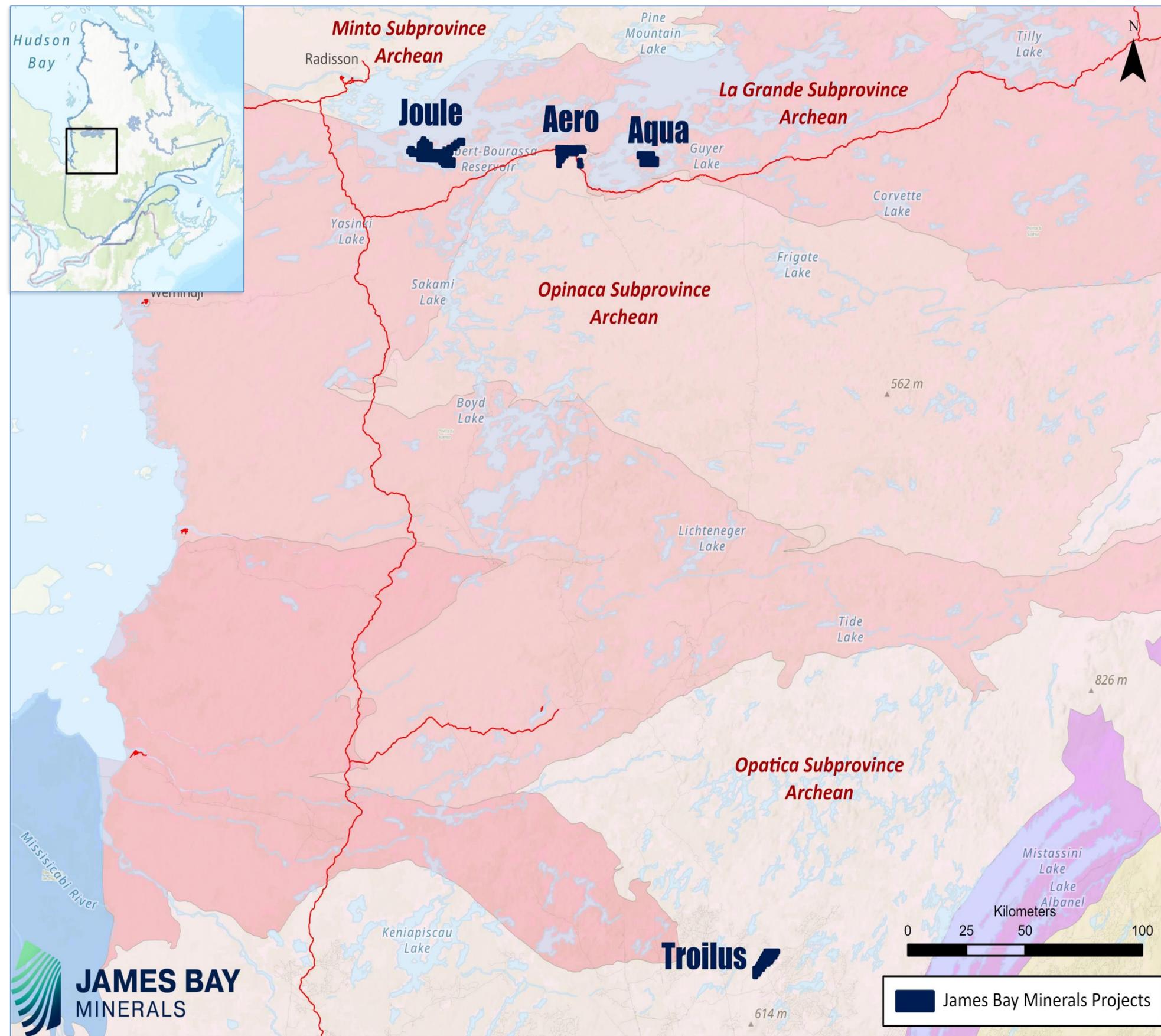
Matthew Hayes
Corporate Development

Founding CEO of Raisebook, Stocks Digitals capital raising arm and founding director of Wagtail Capital.

Our properties; Joule, Aero, Aqua & Troilus

3 Key Ingredients for LCT Pegmatites

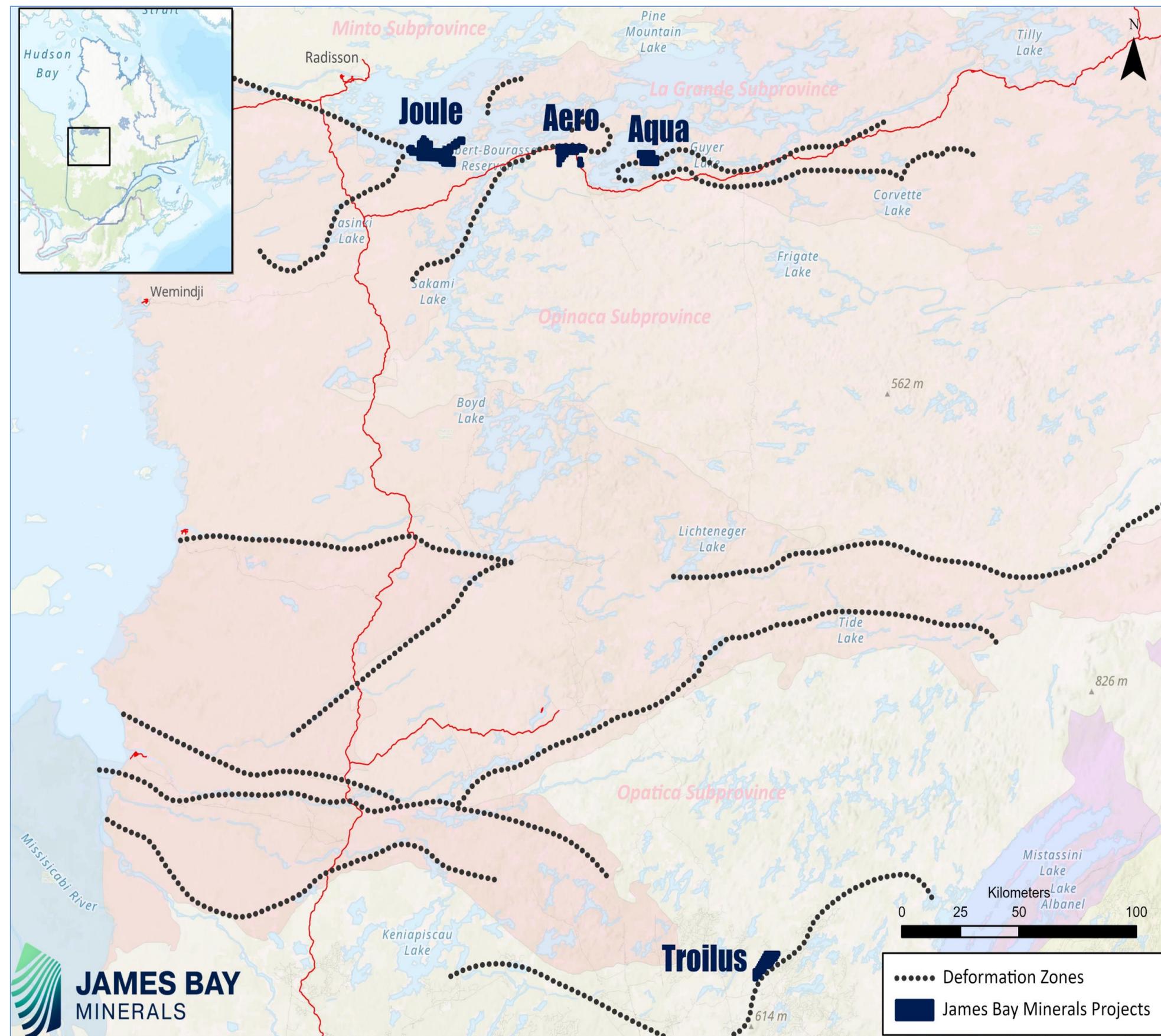
- All the properties sit within Neo-Archean rocks



Regional Deformation Zones

3 Key Ingredients for LCT Pegmatites

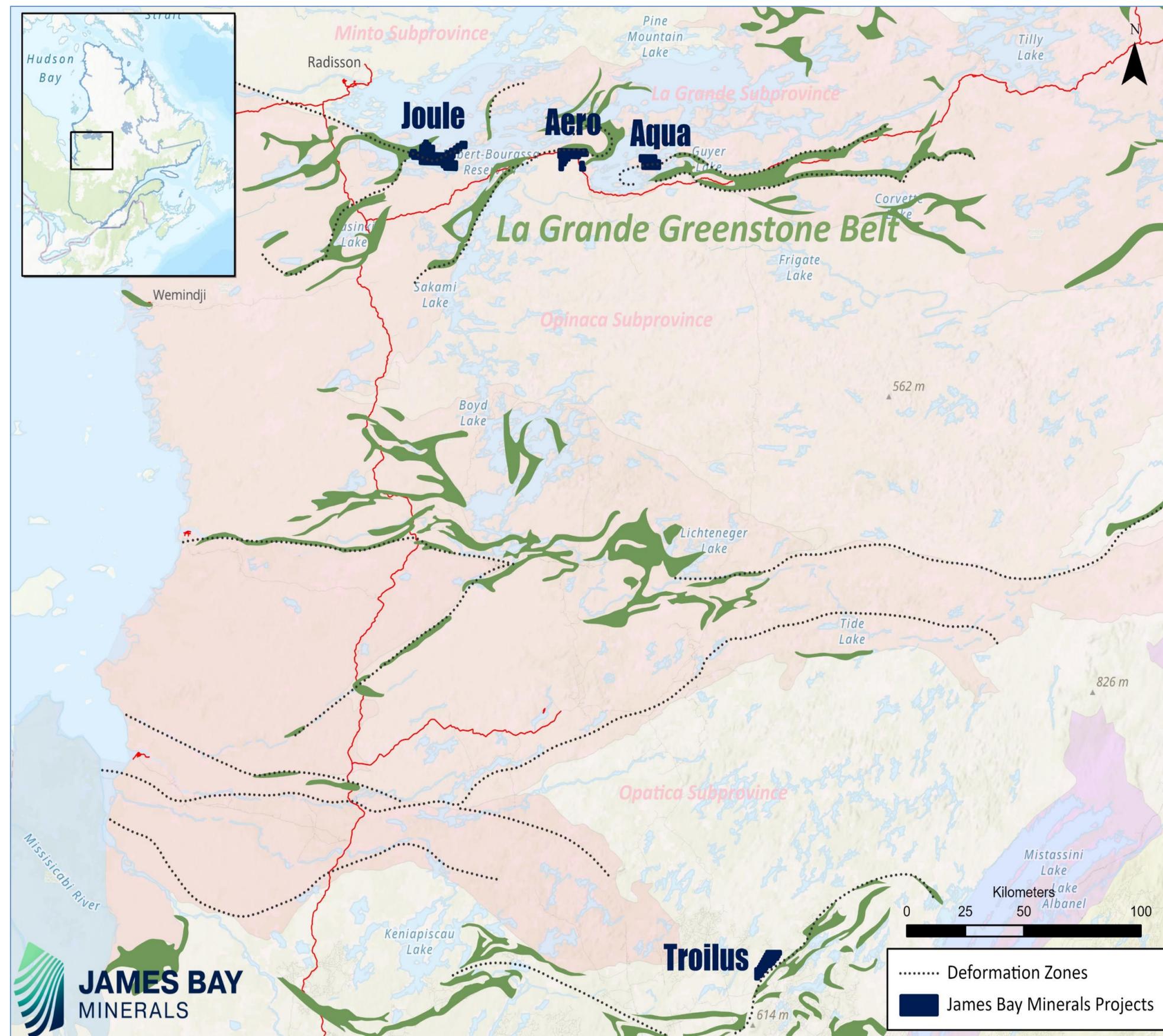
- Neo-Archean rocks
- Major regional faults with wide deformation zones up to 1km across



Regional Greenstones belts

3 Key Ingredients for LCT Pegmatites

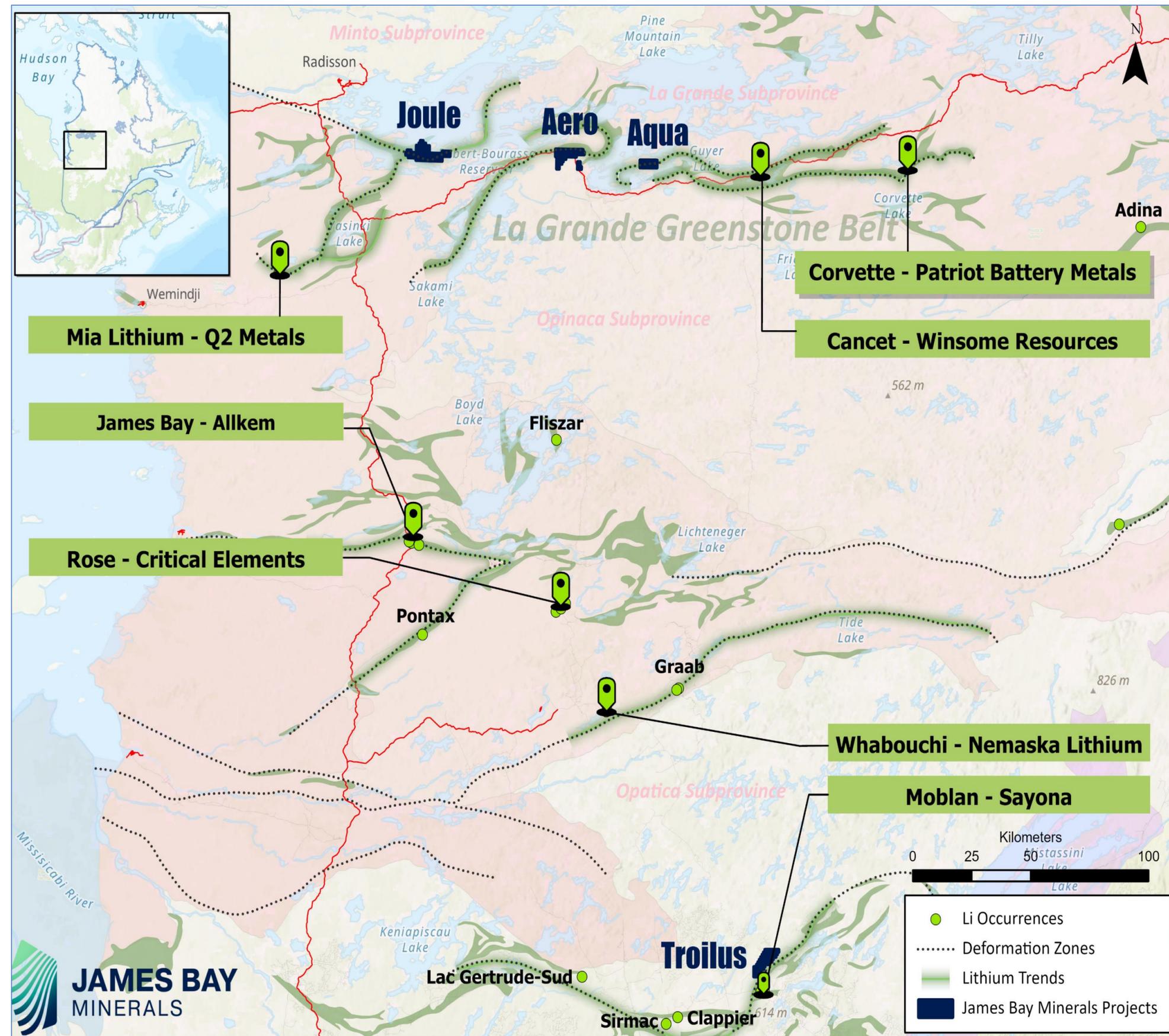
- Neo-Archean rocks
- Major regional faults with widths up to 1km plus wide
- Greenstone belts in proximity to S-type granites



Location of Major Deposits

The Northern properties sit along the La Grande Greenstone belt of the James Bay region in Quebec, which hosts some of the **largest lithium discoveries of the past few years.**

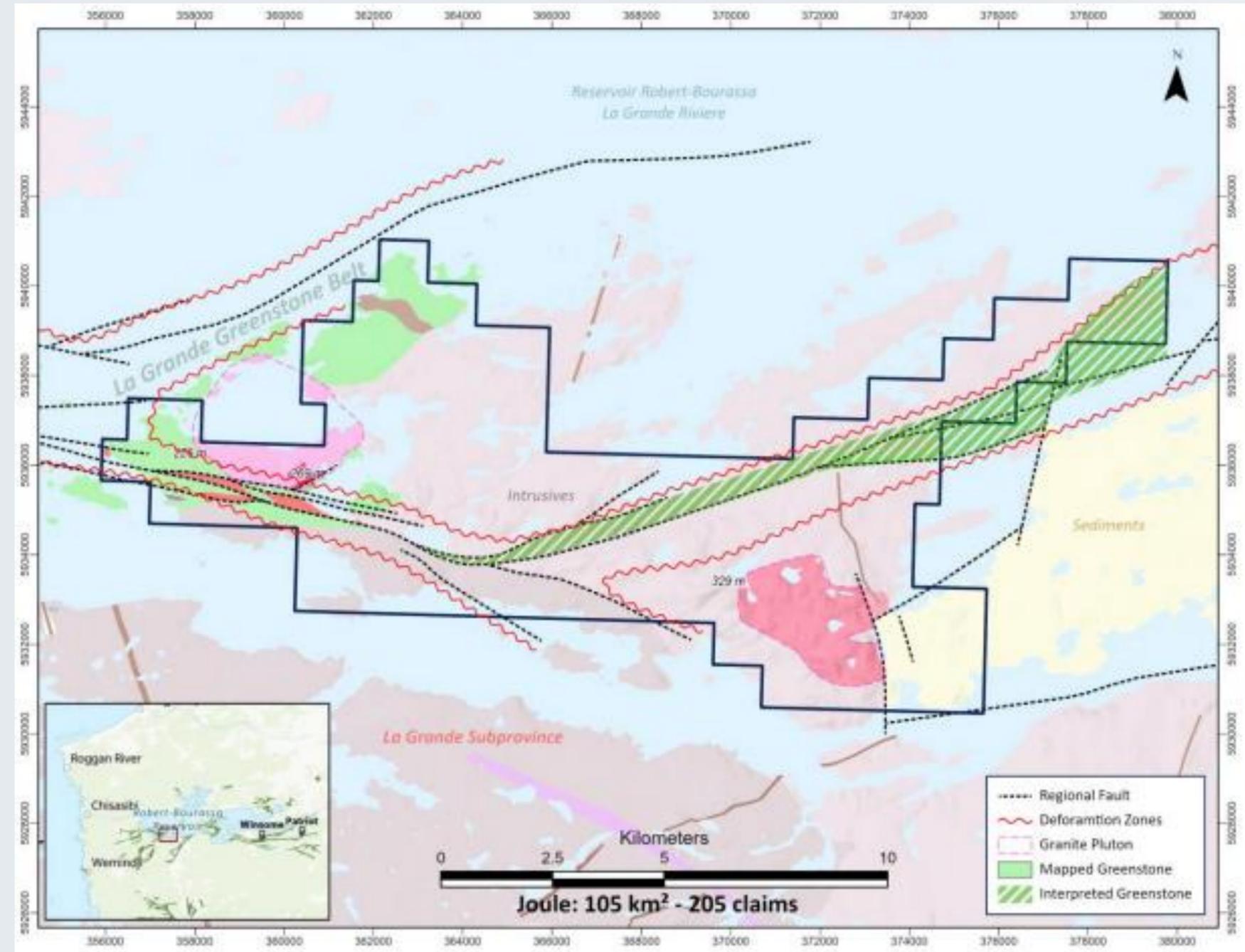
The Troilus Project is in Archean FrotetEvans metavolcanic belt, **Québec's second-largest Archean greenstone belt.** Sayona Mining Ltd's (ASX: SYA) Moblan Lithium Project is approximately 5km to the south of the Troilus property.



Joule Property

Regional fault of ~24 km long by ~800m wide running through the Joule property.

Multiple granite plutons, occurring and protruding along this fault are thought to be S Type granites, part of a greenstone belt with deformation zones which can be host to lithium caesium-tantalum (LCT) bearing pegmatites.

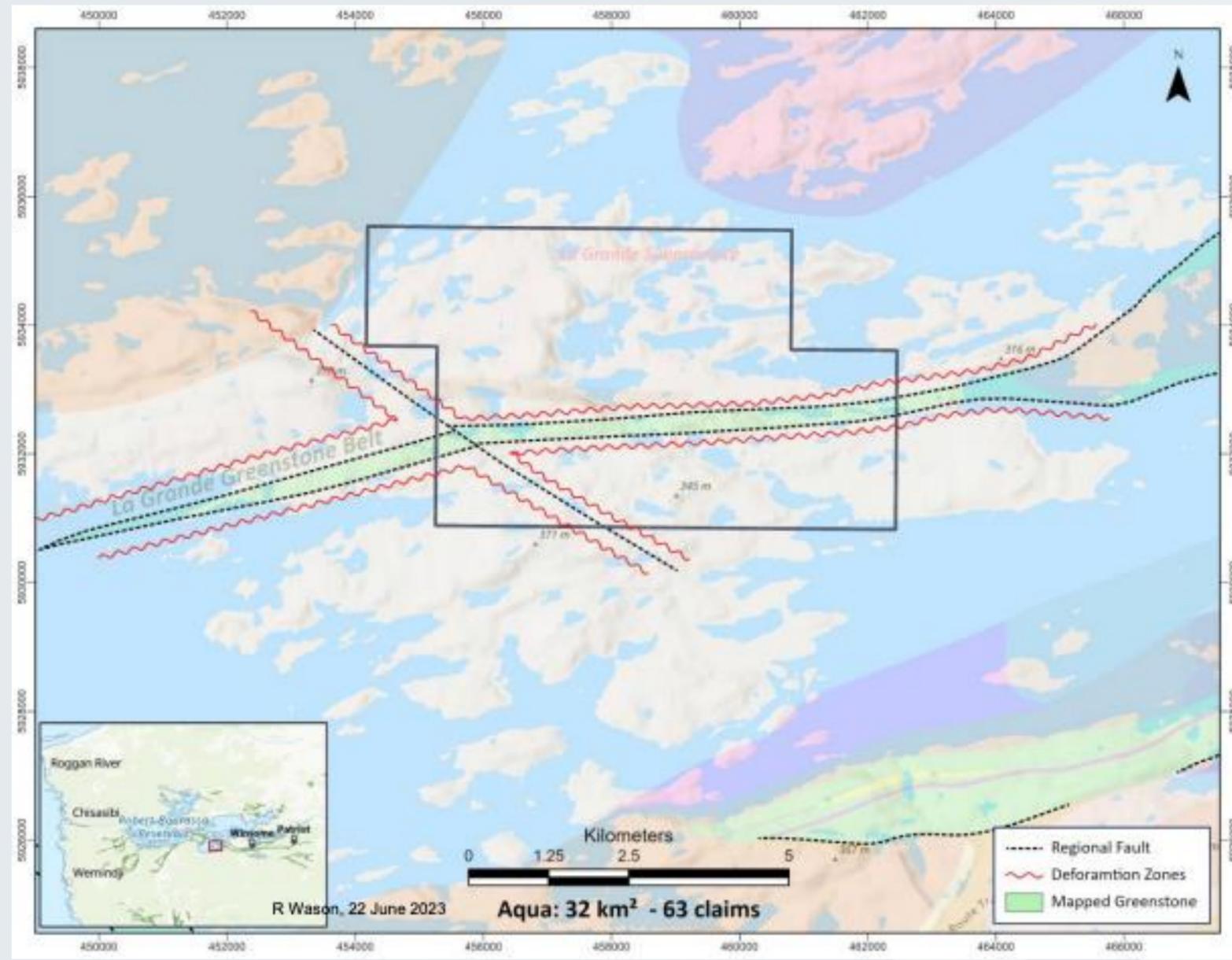
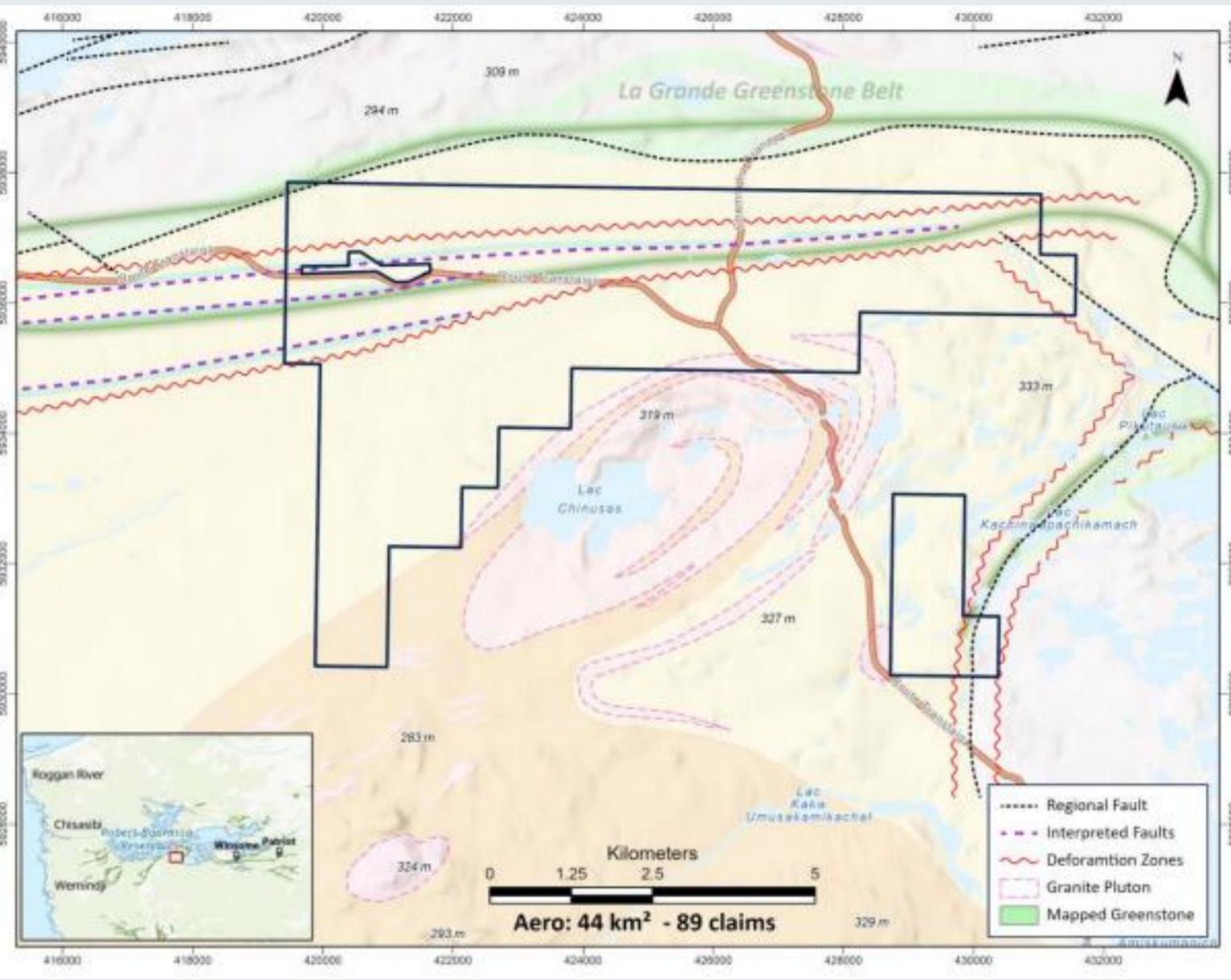


Aero & Aqua - Properties

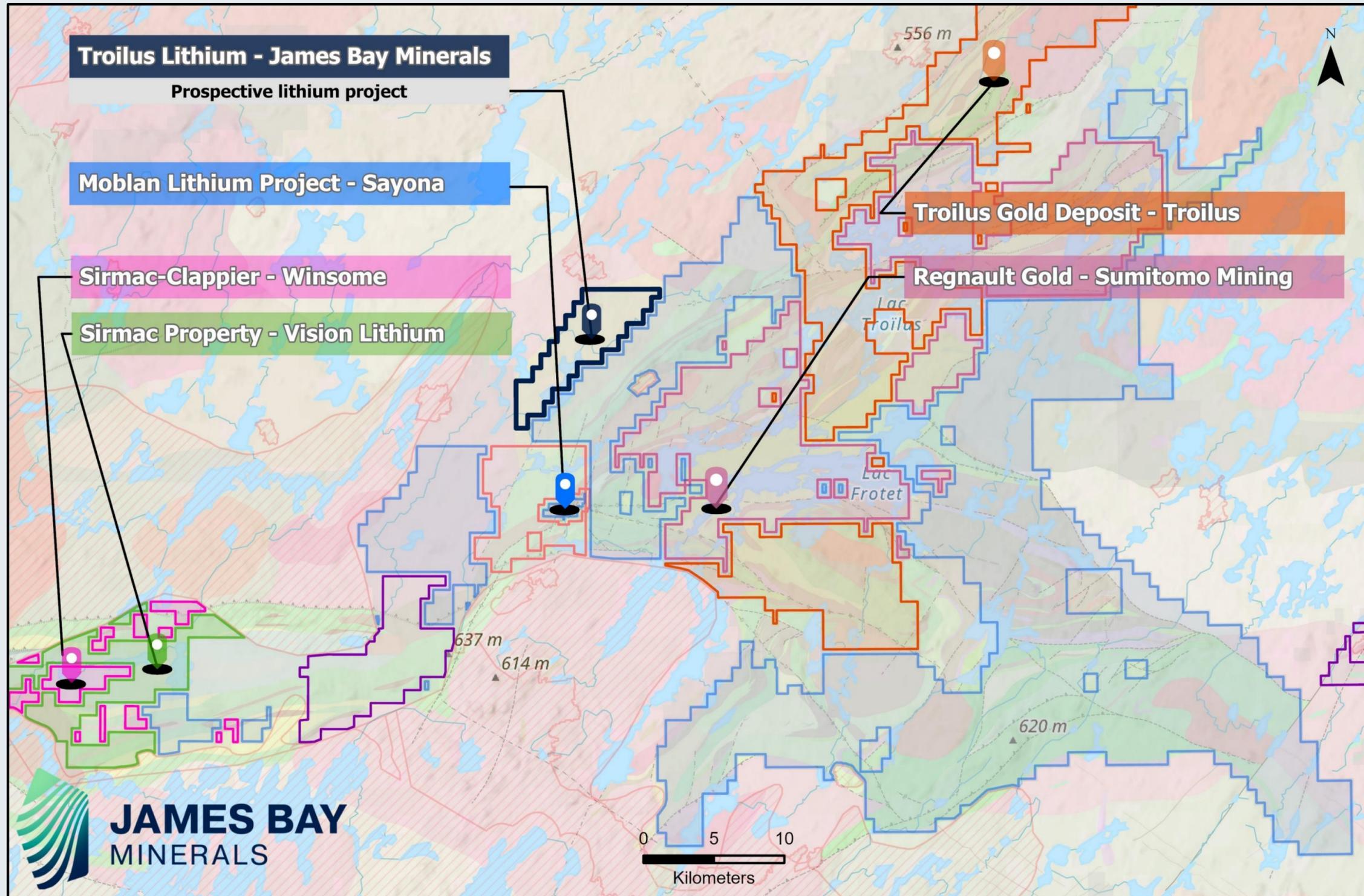


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Troilus - Property



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Upcoming Activities



Field program September 2023 – October 2023

- Targeted prospecting and field mapping across La Grande Project.
- Lidar and high-resolution aerial photography across La Grande and Troilus Project.
- High resolution MAG-Spec Surveys across La Grande Project.
- Helicopter field mapping across La Grande Project.

James Bay Minerals - Summary



1. Tier 1 region containing giant LCT Pegmatite deposits in North America
2. All properties sit within archean greenstone belts along major regional faults.
3. Experienced board and management team with extensive lithium experience.

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Thank you

Contact Information:

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Executive Director

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