



**JAMES BAY**  
MINERALS

# INVESTOR PRESENTATION

ASX Code: JBY

Fastmarkets – Lithium Supply & Battery Raw Materials Conference

24 – 28 June 2024

# Important Information



## **Forward-looking statements**

*This Presentation may contain certain forward-looking statements, guidance, forecasts, estimates or projections in relation to future matters (**Forward Statements**) that involve risks and uncertainties, and which are provided as a general guide only. Forward Statements can generally be identified by the use of forward looking words such as “anticipate”, “estimate”, “will”, “should”, “could”, “may”, “expects”, “plans”, “forecast”, “target” or similar expressions and include, but are not limited to, indications of, or guidance or outlook on, future earnings or financial position or performance of the Company. The Company can give no assurance that these expectations will prove to be correct. You are cautioned not to place undue reliance on any forward-looking statements. None of the Company, its directors, employees, agents or advisers represent or warrant that such Forward Statements will be achieved or prove to be correct or gives any warranty, express or implied, as to the accuracy, completeness, likelihood of achievement or reasonableness of any Forward Statement contained in this presentation. Actual results may differ materially from those anticipated in these forward-looking statements due to many important factors, risks and uncertainties. The Company does not undertake any obligation to release publicly any revisions to any “forward- looking statement” to reflect events or circumstances after the date of this Presentation, except as may be required under applicable laws.*

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## **Competent Person Statement**

*The information in this Presentation that relates to Exploration Results at the La Grande, La Grande East and Troilus Projects is extracted from the Company’s Prospectus dated 19 July 2023 (**Prospectus**) and the Company’s ASX announcements (**Original Announcements**) dated 12 October 2023, 4 December 2023, 6 February 2024, 15 February 2024 and 28 March 2024. The Company confirms that it is not aware of any new information or data that materially affects the information contained in the Prospectus and Original Announcements.*

# Company Snapshot



James Bay Minerals owns 100% interest in **41,572 Ha (416km<sup>2</sup>)** of prospective lithium projects within the James Bay region of Quebec.

## Corporate Summary

Shares on Issue

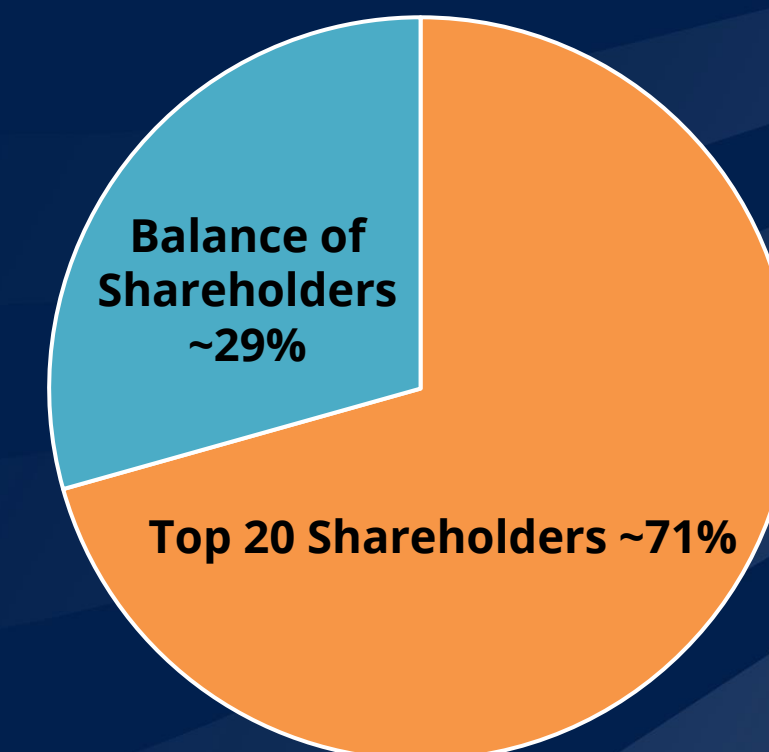
**61,010,000**

Share price (Close Price 21/06/24)

**\$0.15**

Market Capitalisation

**\$9,151,500**



Hudson Bay

James Bay

ONTARIO

Quebec

Ottawa

# Company Highlights



**Significant Rare Earth and Lithium Caesium Tantalum (LCT) Pegmatite potential**



**Canadian focused, lithium Explorer**



**Largest landholding on La Grande Lithium trend ~ 55km**



**James Bay rivals the Pilbara**



# 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.

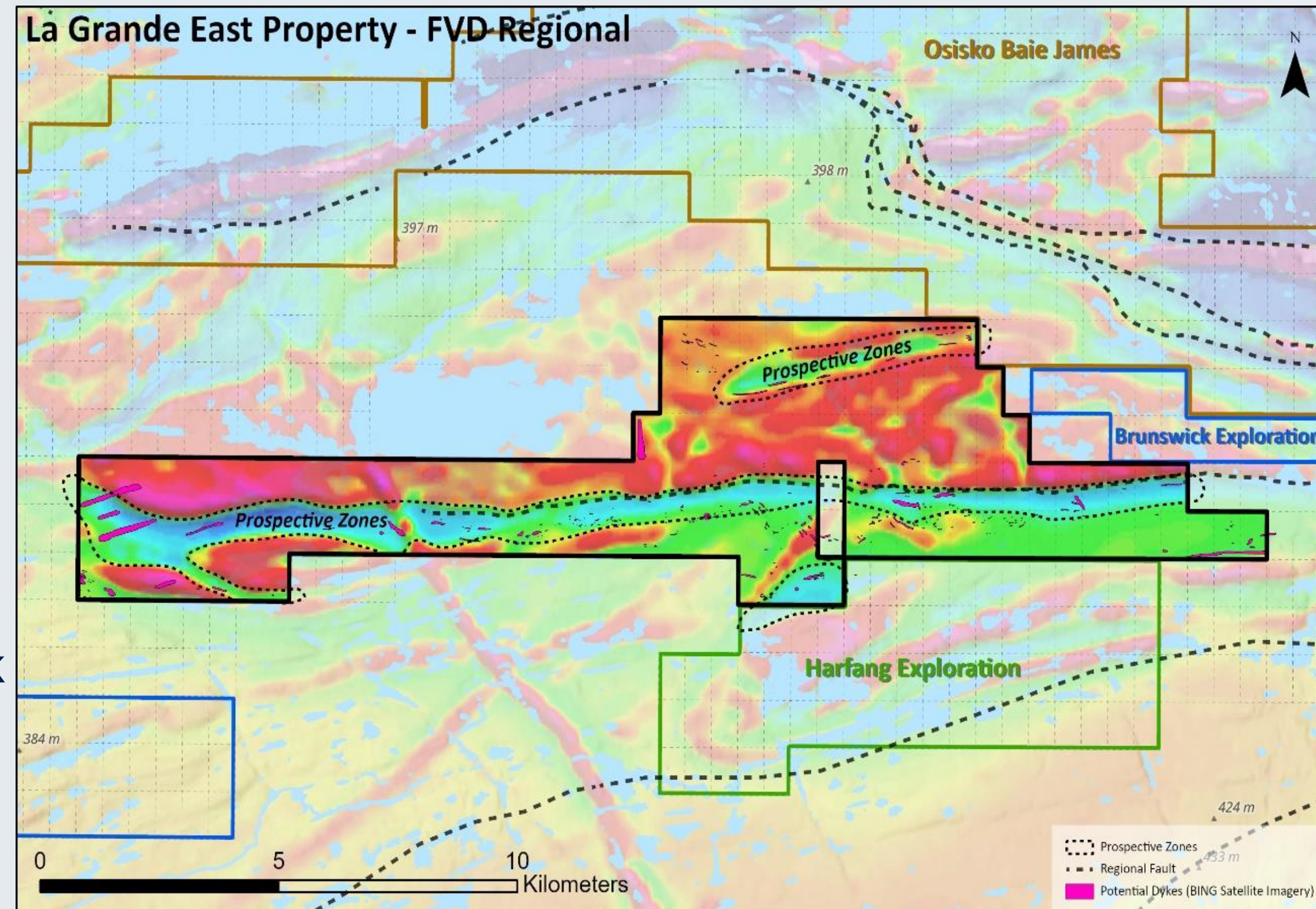


*See JBY Prospectus dated 19 July 2023 for further details regarding geological setting of properties.*



# Newly Acquired La Grande East Project

- Two Magnetic lows which trend into ASX: PMT Corvette Project.
- Acquisition of 136 claims covering 7,000 hectares.
- All year walk-up access, property 1km from Transtaiga Highway.
- Multiple large white dyke-like rock formations identified up to approx. 500m in length.



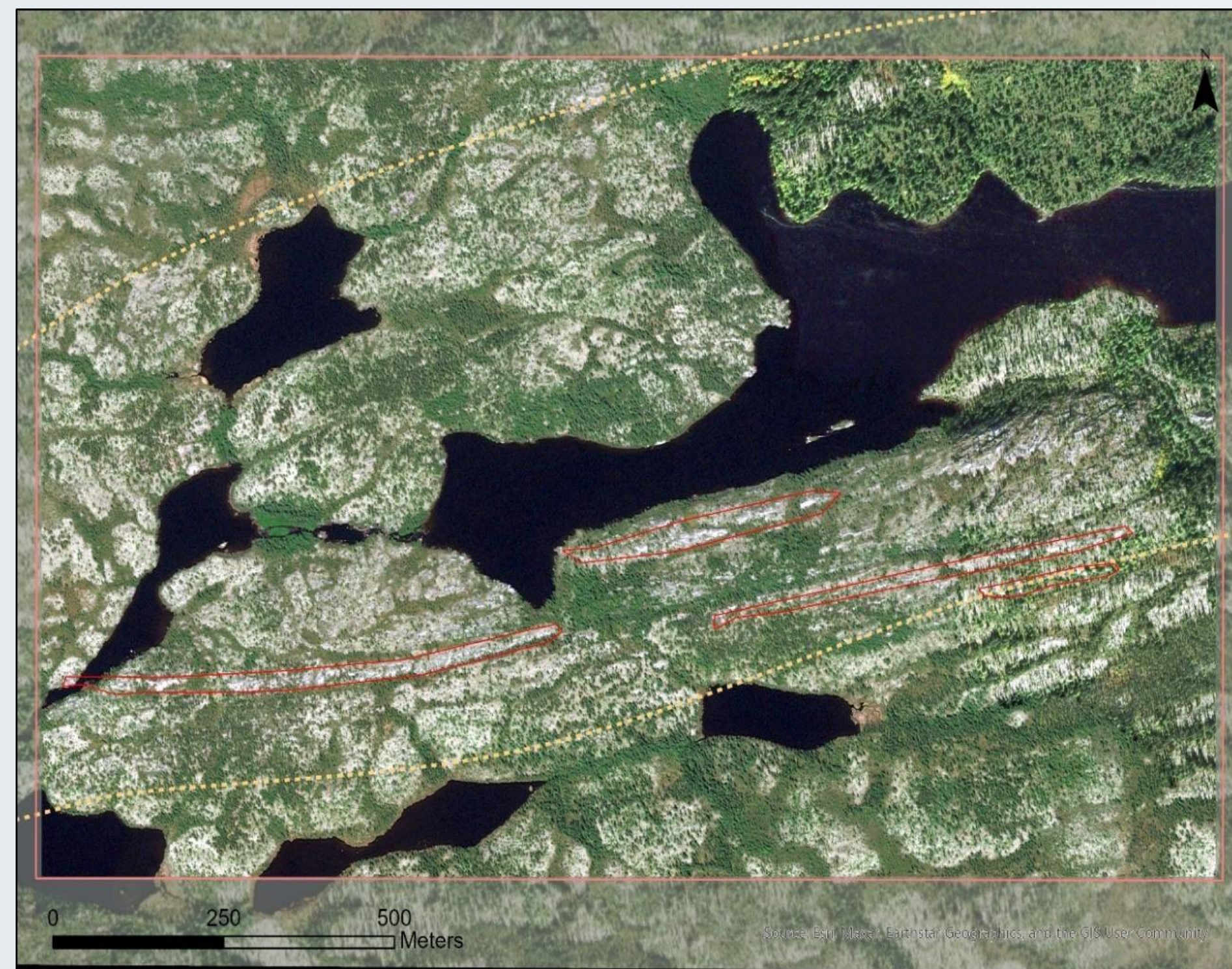
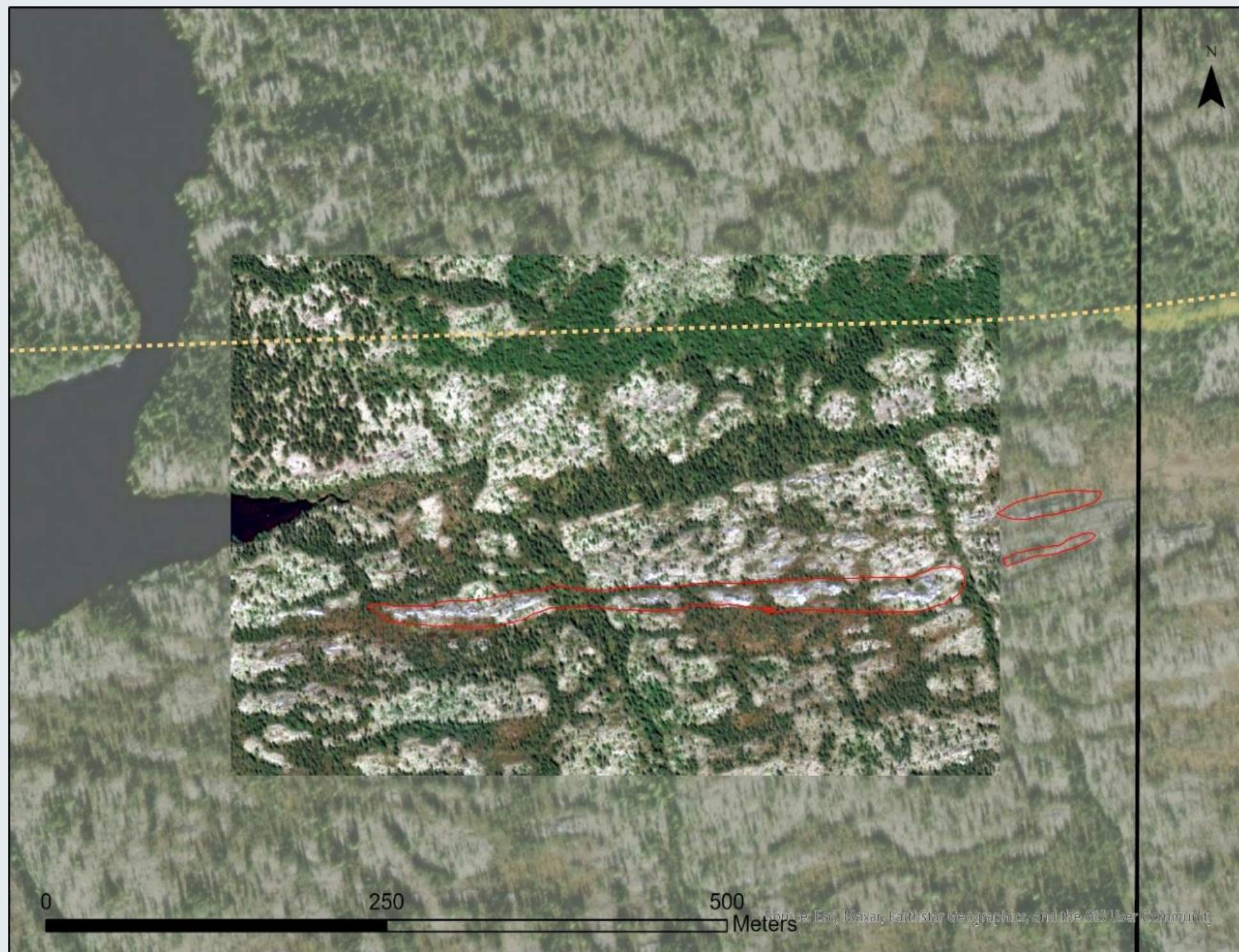
***Government airborne geophysics images obtained from Sigeom across the La Grande East Project.***



# La Grande East Project – High Priority Targets



Large white dyke-like rock formations identified up to approx. 500m in length.



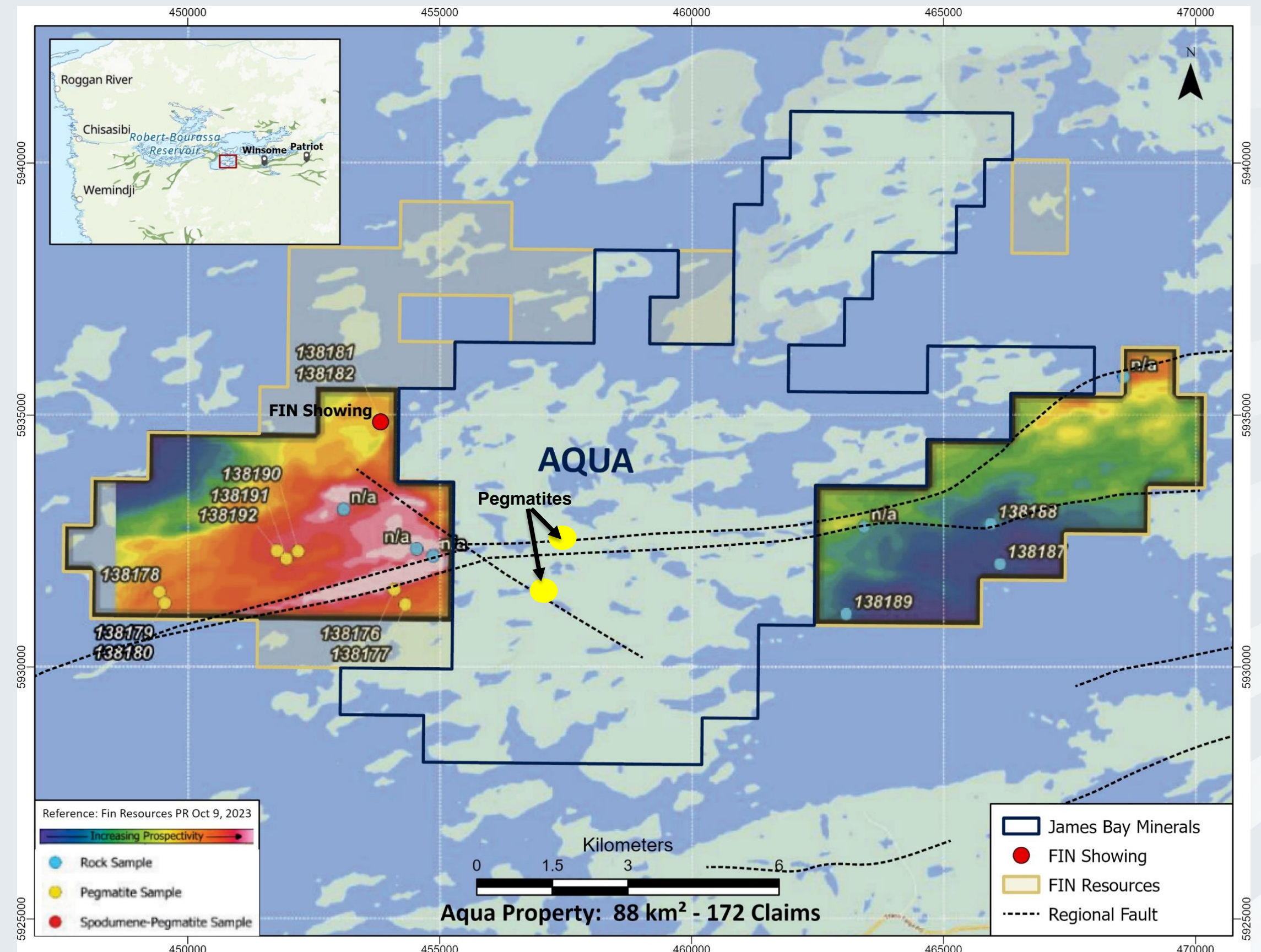
***Bing satellite images of large white outcrops interpreted as pegmatites within the eastern portion of the project.***

See JBY Announcement dated 28 March 2024 for further information regarding exploration results.



# Aqua Property - La Grande Project

- Fieldwork underway across 123 high-priority LCT Pegmatite targets.
- Spodumene identified within 200m of Aqua northwest border, grades up to 6.85%.
- Aerial surveys and thorough desktop studies generated high-priority targets.



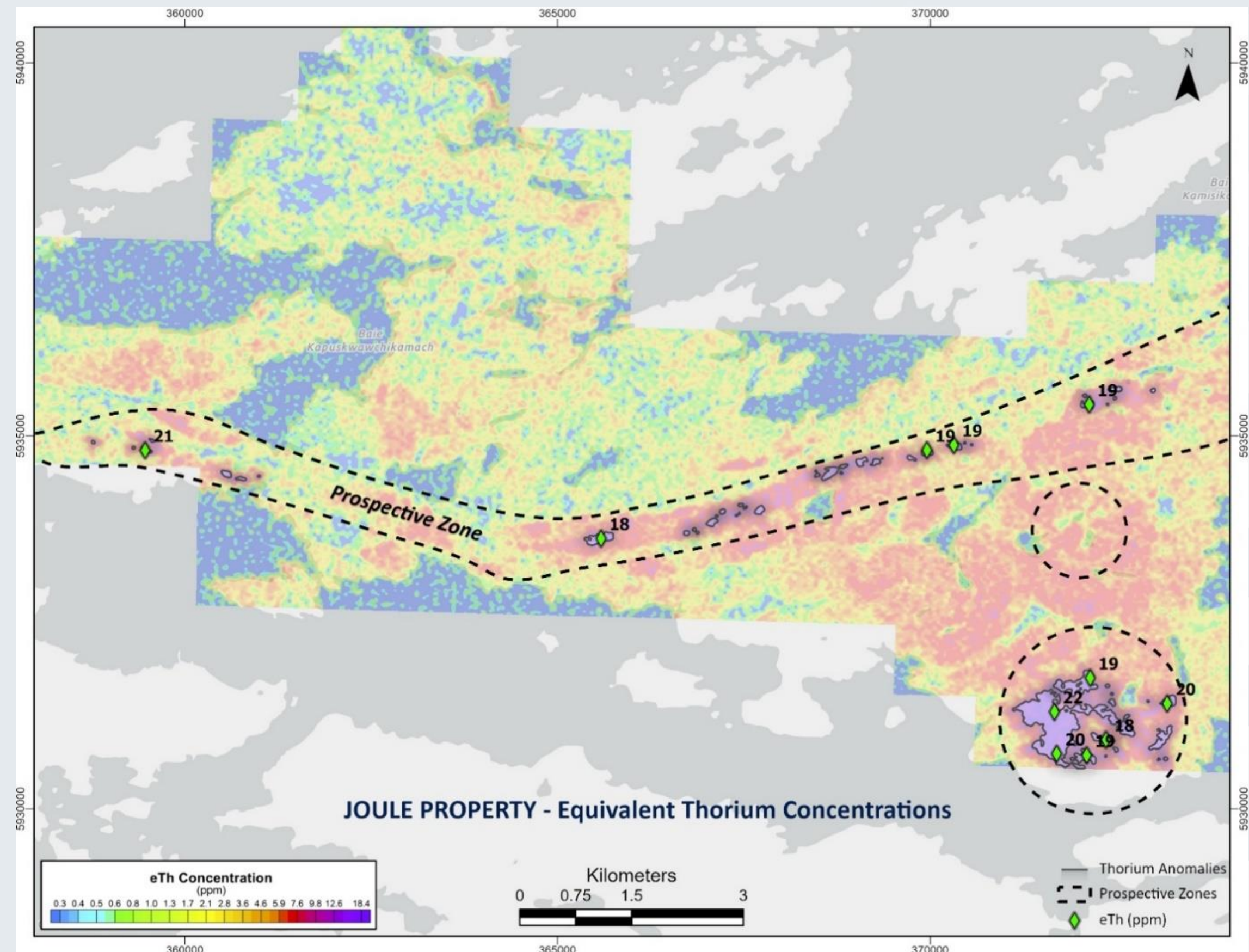
**JBY Aqua Property in proximity to FIN Resources spodumene discovery**



# Joule Property – La Grande Project

High-priority Rare Earth (REE) targets generated from encouraging Spectro magnetic Surveys

- Equivalent-Thorium (eTh) readings throughout the Joule deformation zone.
- Concentrations of eTh reaching up to 22ppm, a common marker of significant Rare Earth Element (REE) mineralisation.
- Fieldworks to utilise Scintillator, across REE targets.



*Prospective Rare Earths zones with elevate radiometric eTh readings.*

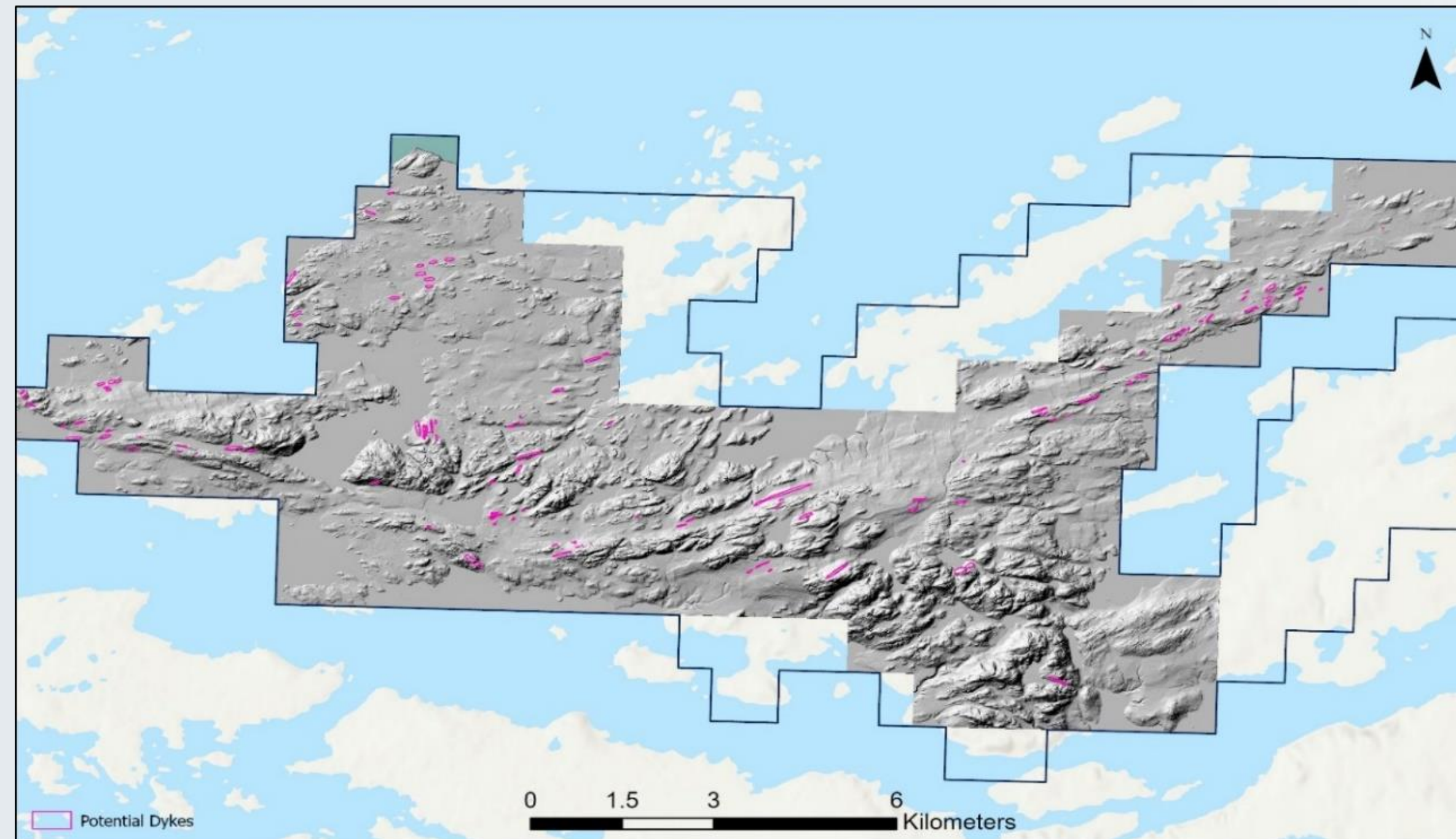


# Joule Property – La Grande Project



Fieldwork underway across hundreds high-priority LCT (lithium-cesium-tantalum) pegmatite targets

- Small exploration camp established on Joule.
- Aerial surveys generated high-priority targets.
- Firstly, magnetic lows are identified throughout the property.
- Secondly, magnetic lows are overlaid with Lidar anomalies and high-resolution photos.



*High-priority LCT pegmatite targets/dykes identified across the Joule Property*



# James Bay, Canada – “An Ideal destination”



**Only Tier 1 Jurisdiction with:**

- Massive LCT deposits
- Exploration tax rebates (Up to 40%)
- Flow through funding
- No sovereign risks
- Government grants
- Unexplored with huge potential





## Contact Information:

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*Executive Director*

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## Investor Relations:

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