



Exploring for a Sustainable Future

Multi-Commodity Energy
Minerals Focus

IMARC Conference Presentation

October 2024



INTERNATIONAL
MINING AND
RESOURCES
CONFERENCE+EXPO
29 - 31 OCTOBER 2024



Important Notice & Disclaimer



Disclaimer

This presentation has been prepared by Trinex Minerals Limited. This document contains background information about Trinex Minerals current at the date of this presentation. The presentation is in summary form and does not purport to be all inclusive or complete. Recipients should conduct their own investigations and perform their own analysis in order to satisfy themselves as to the accuracy and completeness of the information, statements and opinions contained in this presentation.

This presentation is for information purposes only. Neither this presentation nor the information contained in it constitutes an offer, invitation, solicitation or recommendation in relation to the purchase or sale of Trinex Minerals shares in any jurisdiction. This presentation may not be distributed in any jurisdiction except in accordance with the legal requirements applicable in such jurisdiction. Recipients should inform themselves of the restrictions that apply in their own jurisdiction. A failure to do so may result in a violation of securities laws in such jurisdiction.

This presentation does not constitute investment advice and has been prepared without taking into account the recipient's investment objectives, financial circumstances or particular needs and the opinions and recommendations in this presentation are not intended to represent recommendations of particular investments to particular persons. Recipients should seek professional advice when deciding if an investment is appropriate. All securities transactions involve risks, which include (among others) the risk of adverse or unanticipated market, financial or political developments. To the fullest extent permitted by law, Trinex Minerals, its officers, employees, agents and advisers do not make any representation or warranty, express or implied, as to the currency, accuracy, reliability or completeness of any information, statements, opinions, estimates, forecasts or other representations contained in this presentation. No responsibility for any errors or omissions from this presentation arising out of negligence or otherwise is accepted. This presentation may include forward looking statements. Forward looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside the control of Trinex Minerals. Actual values, results or events may be materially different to those expressed or implied in this presentation.

Release authorised by Trinex Minerals Limited Managing Director, Will Dix.

Competent Person's Statement

The information in this presentation that relates to exploration results is extracted from ASX Announcements titled:

- "Todd River Makes Transformational Lithium Acquisition in NWT, Canada" Lodged 27 September 2023
- "Successful Exploration Start for Ross Lake" Lodged 10 October 2023
- "Further Encouraging Results from Canadian Lithium Exploration" Lodged 30 October 2023
- "High Grade Lithium Confirmed at Ross Lake" Lodged 8 January 2024
- "Spodumene Confirmed at Ross Lake" Lodged 20 February 2024
- "Trinex to Explore for Uranium in the Athabasca Basin" Lodged 28 February 2024
- "Uranium Mineralisation Intersected at Gibbons Creek" Lodged 26 March 2024
- "NWT Lithium Project – Summer Work Programs Update" Lodged 9 April 2024
- "Further Uranium Mineralisation at Gibbons Creek" Lodged 26 April 2024
- "Gibbons Creek Uranium Project Update" Lodged 12 June 2024
- "Abundant Spodumene Bearing Pegmatites at Halo-Yuri" Lodged 11 July 2024
- "VTEM identifies Numerous Conductors at Gibbons Creek Uranium" Lodged 24 July 2024
- "Widespread High Grade Lithium Assays from Halo-Yuri" Lodged 24 July 2024
- "Further High-Grade Lithium identified at Halo-Yuri" Lodged 20 August 2024
- "Trinex Expands Lithium Portfolio into South Australia" Lodged 14 October 2024

These announcements may be viewed at www.trinexminerals.com.au and www.asx.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Critical and Energy Minerals Investment Opportunity



Key Assets

Strong energy minerals focus with projects in South Australia and Canada.



Focused Exploration

Summer 2024 exploration campaign at Dudley Lithium Project, South Australia, then Canadian assets in focus in 2025.



Halo-Yuri Fieldwork Confirms Spodumene

Significant mineralised pegmatites up to 3km in strike identified at Halo-Yuri Project.

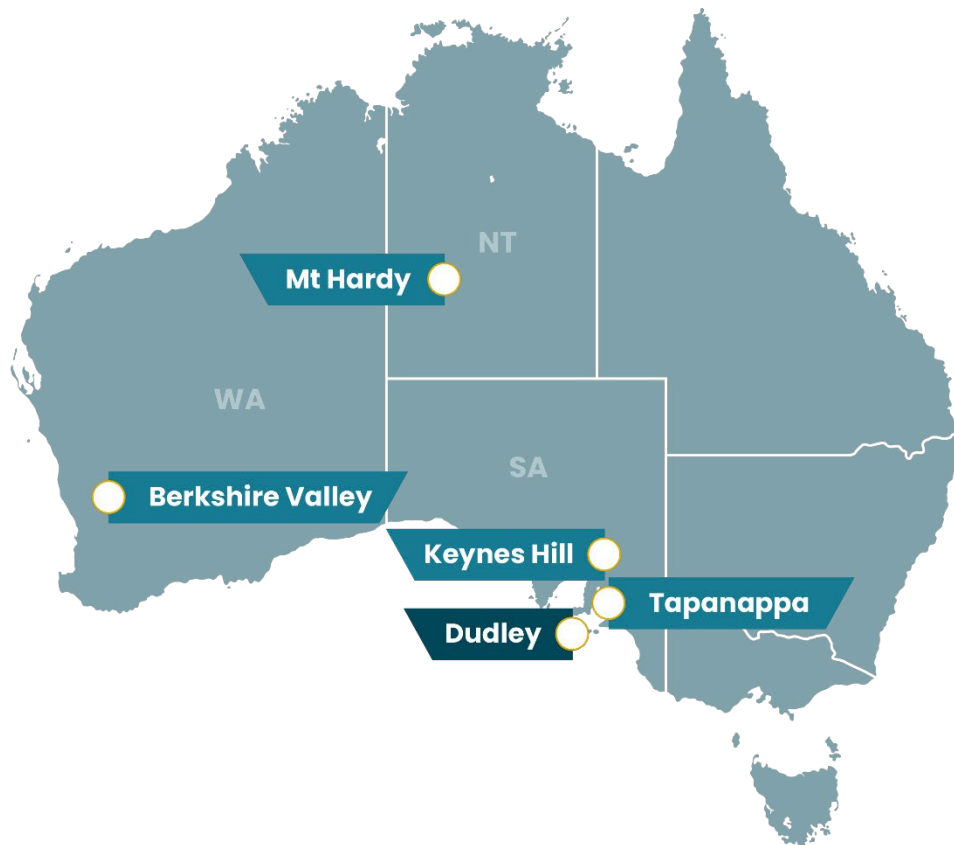


Strong Register

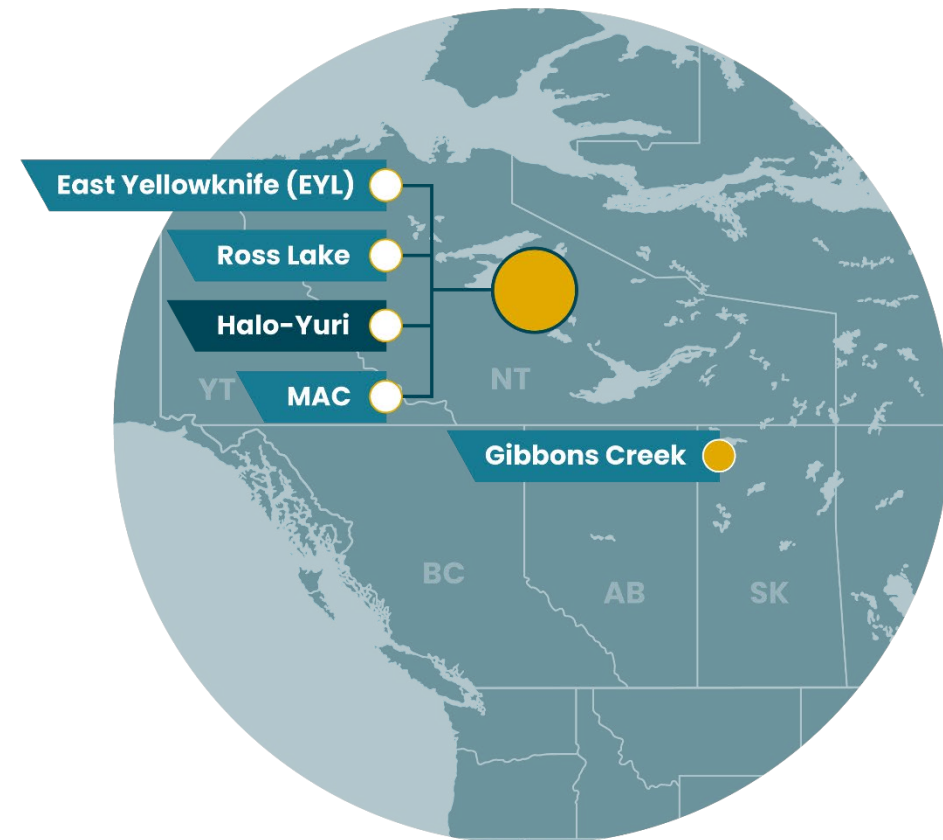
Top 20 owns approximately 48%.

Exploring for a Sustainable Future

Australian Projects



Canadian Projects





Kangaroo Island, South Australia

Dudley Lithium Project

Dudley Lithium Project, Kangaroo Island, South Australia

- Dudley pegmatite (main focus) is located close to infrastructure and transport links.
- Project is 100% contained within freehold farming paddocks.
- Kangaroo Island was host to several historic mines operating through the 1900s.
- State government support to regulate the coexistence of mining and nature-based tourism.
- Supportive Landholders.



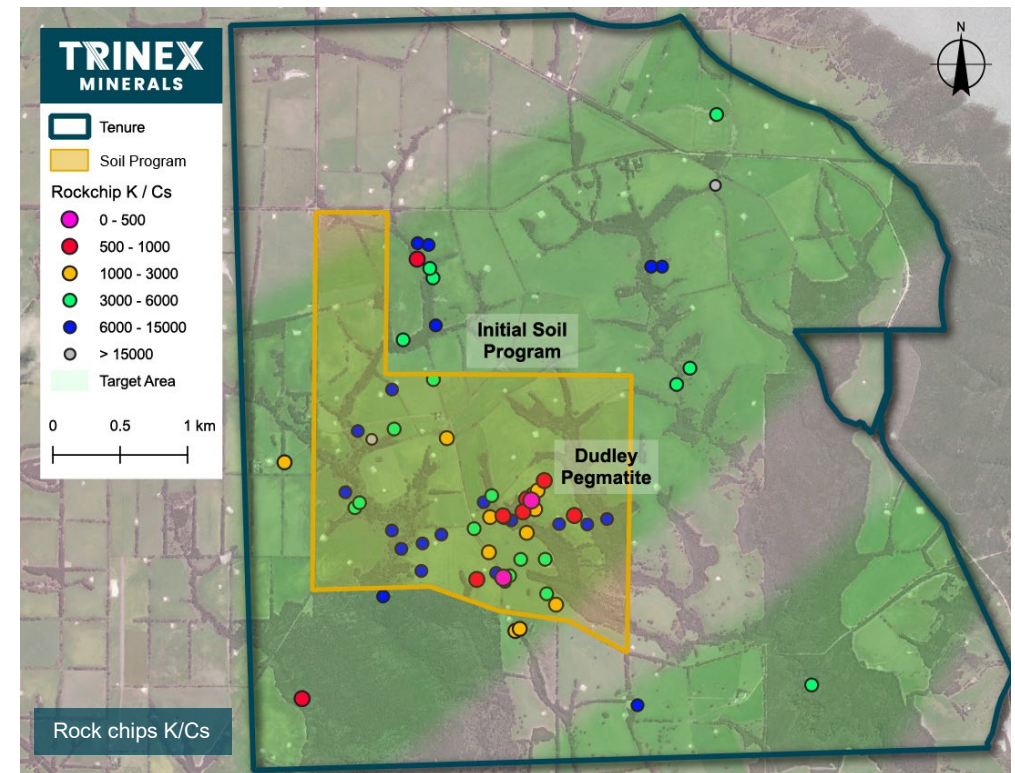
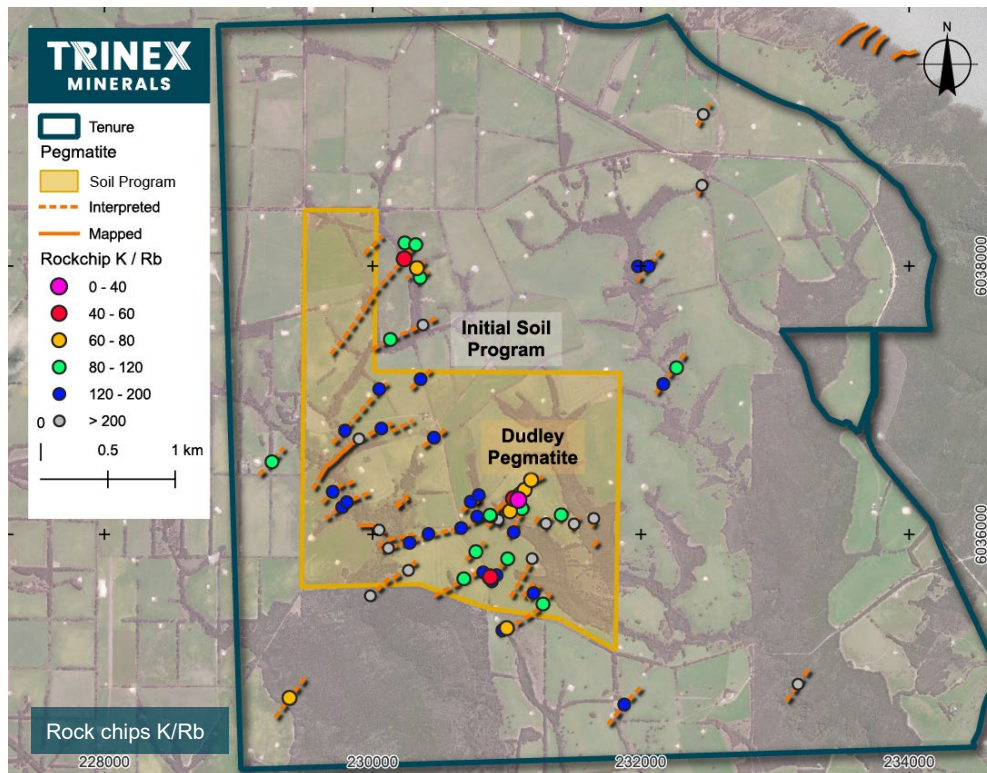
Dudley Pegmatite: Exploration History

- Early exploration around the Dudley pegmatite focused solely on gem quality lithium tourmaline.
- Around 20 shallow trenches were completed to a maximum depth of 1.8m which exposed the weathered pegmatite across a thickness of up to 80m.
- Image on right from 1987 shows a trench across pegmatite – highly weathered clay/soil at surface.
- Exploration and trenching work focused only on the main pegmatite and ignored multiple parallel pegmatites across the project.



Historical Rock Chip Results

- No historic drilling, limited rock chip sampling completed.
- High fractionation and associated lithium prospectivity indicated by results: Rb (>500ppm), Cs (>50ppm), Ta (>20ppm).
- Pegmatites sampled across 10x5km zone.



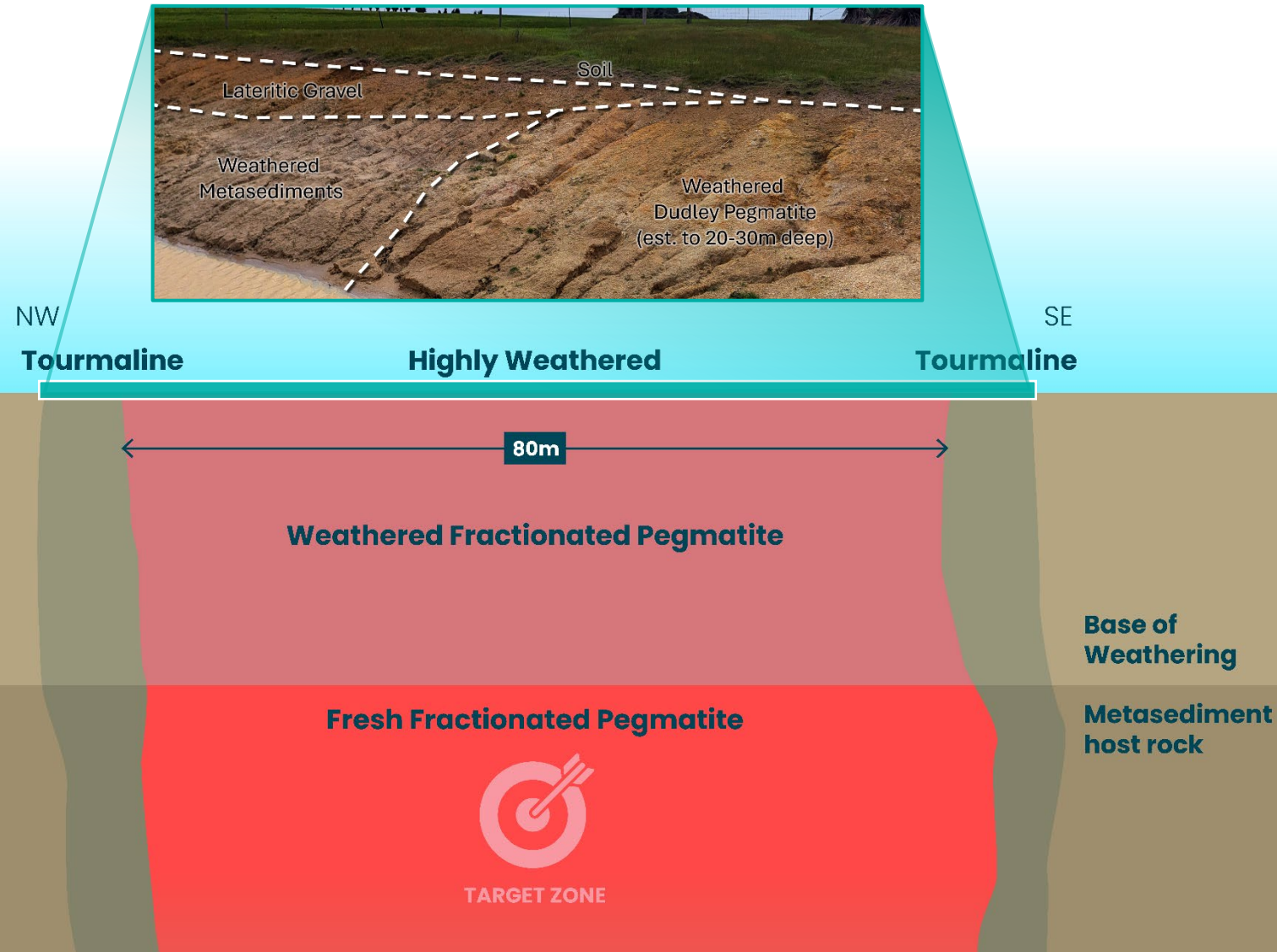
Pegmatite Photos



Dudley Pegmatite: Schematic Exploration Model

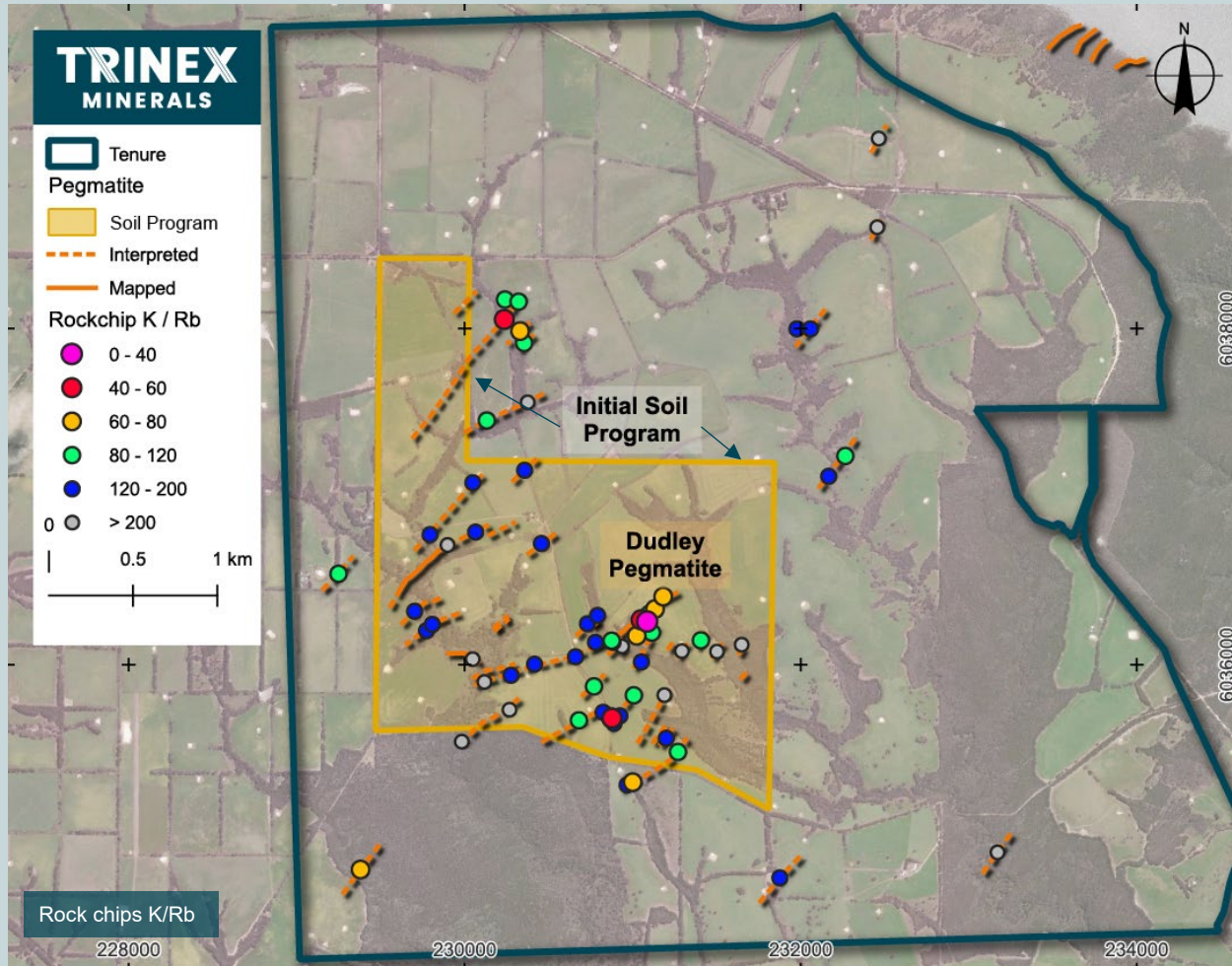
(not to scale)

- Depth of weathered profile estimated to be 20-30m based on government RAB drilling along roads.
- Spodumene unlikely to have survived in this environment hence no surface expression.
- Similar profile to that seen at Greenbushes.
- Lithium tourmaline more resistive and found on the margins of the weathered pegmatite.
- Initial RC drilling will target the thickest parts of the Dudley pegmatite immediately below this weathered profile.



NOT TO SCALE

Proposed Work Plan



- Soil sampling and analysis for Mobile Metal Ions (MMI) is almost complete – designed to define the limits of the pegmatites through pathfinder minerals.
- Concurrent mapping and rock chip sampling across the Project is identifying previously unknown additional pegmatites.
- It is anticipated a short RC drilling program will be implemented once the required statutory approvals are in place (expected December 2024).



Northwest Territories, Canada

Lithium Projects

Northwest Territories, Canada

Northwest Territories, Canada

- Known spodumene rich pegmatites close to Yellowknife.
- Supportive and accessible local government and clear land access regime.
- Additional projects added to portfolio.

Loyal Lithium [ASX: LLI]

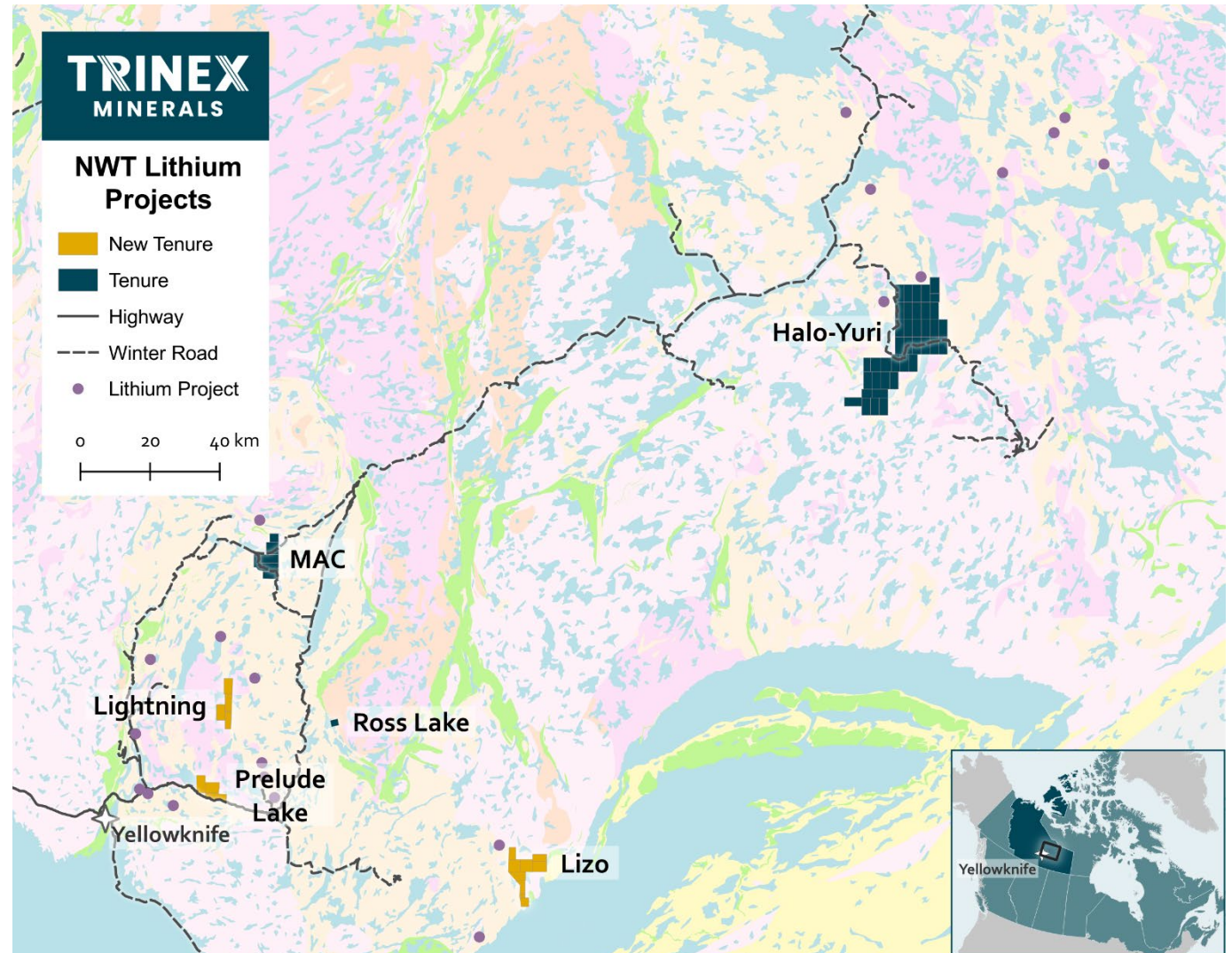
- Hidden Lake Lithium Project acquired April 2023.
- 14 Lithium bearing pegmatites present across project –only 4 drilled.
- Pegmatite mineralisation identified of 3,250m. (LLI ASX: 19 Oct 23)

Midas Minerals [ASX: MM1]

- Exploration underway at Aylmer Li Project with 17 spodumene-bearing pegmatites over 4km of strike (MM1 ASX: 10 July 2024).
- Reid-Aylmer “Argus” pegmatite (30m x 450m) returned a channel sample of 26m at 1.27% Li₂O, including 12m at 1.75% Li₂O (MM1 ASX 27 August 2024).

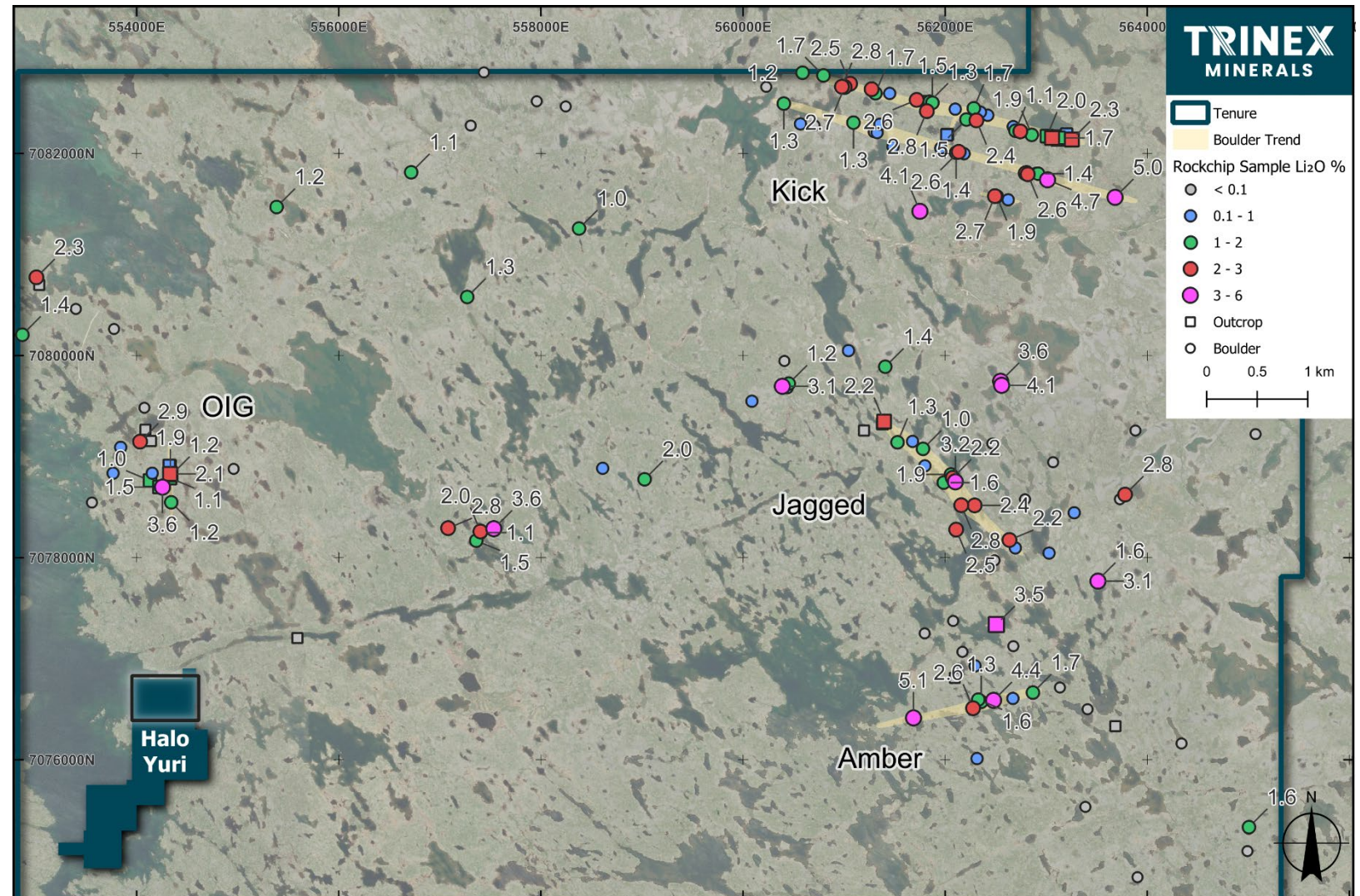
Li-FT Power [TSXV: LIFT]

- Yellowknife & Cali Lithium projects with thick high grade Li intersections in drilling.
- Drill hits include 60m @ 1.38% Li₂O and 56m @ 1.42 Li₂O (LIFT TSXV: 12 Aug 23). MRE of **50.4Mt at 1.00% Li₂O** (LIFT TSXV 1 Oct 24)



Halo-Yuri Lithium Project Overview

- Widespread mineralisation confirms potential for significant lithium resource.
- High-grade rock chips from multiple prospects across the project, results up to 4.1% Li₂O.
- Spodumene is confirmed as the lithium bearing mineral.



Halo-Yuri Lithium Prospects

Kick Prospect:

- Two parallel, WNW-ESE striking 3km trends with widespread lithium mineralisation.
- Northern trend has abundant mineralised boulders with Li_2O rock chip values up to 5%.

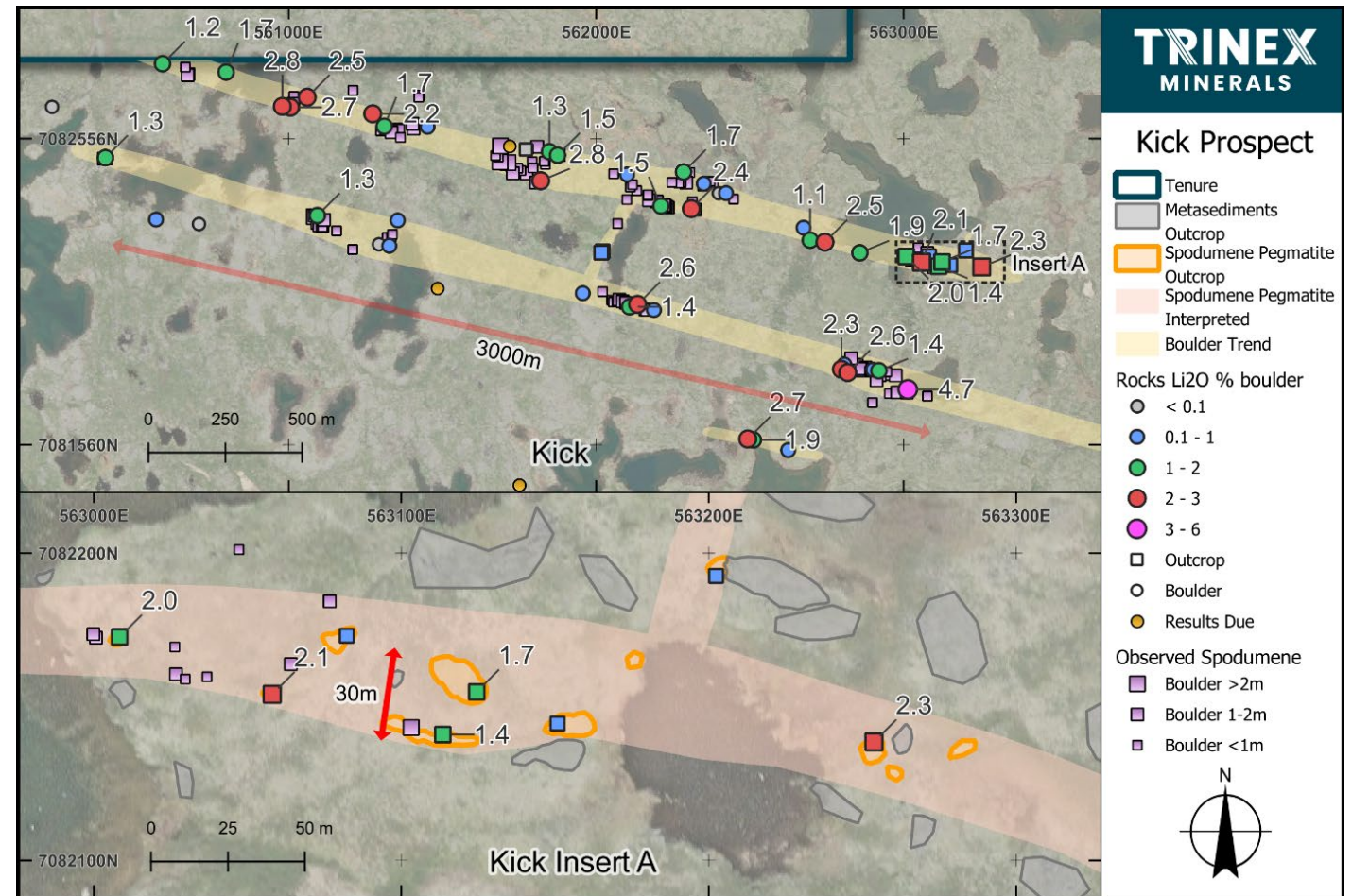
Jagged Prospect:

- Large mineralised boulders in NW-SE 2.6km trend.
- Assay values up to 4.1% Li_2O .

OIG Prospect:

- Historic pegmatite previously sampled.
- High-grade assays up to 3.6% Li_2O from boulders and 2.0% Li_2O from outcrop.

Less than 15% of the prospective northern area was covered by TX3 detailed mapping, giving credibility to the potential of the area to host a significant lithium resource.



Northwest Territories, New Tenure

Northwest Territories, Canada

- 3 new projects adding significant acreage to existing tenure.
- Prelude Lake and Lightning in the heart of the Yellowknife lithium district.

Lightning

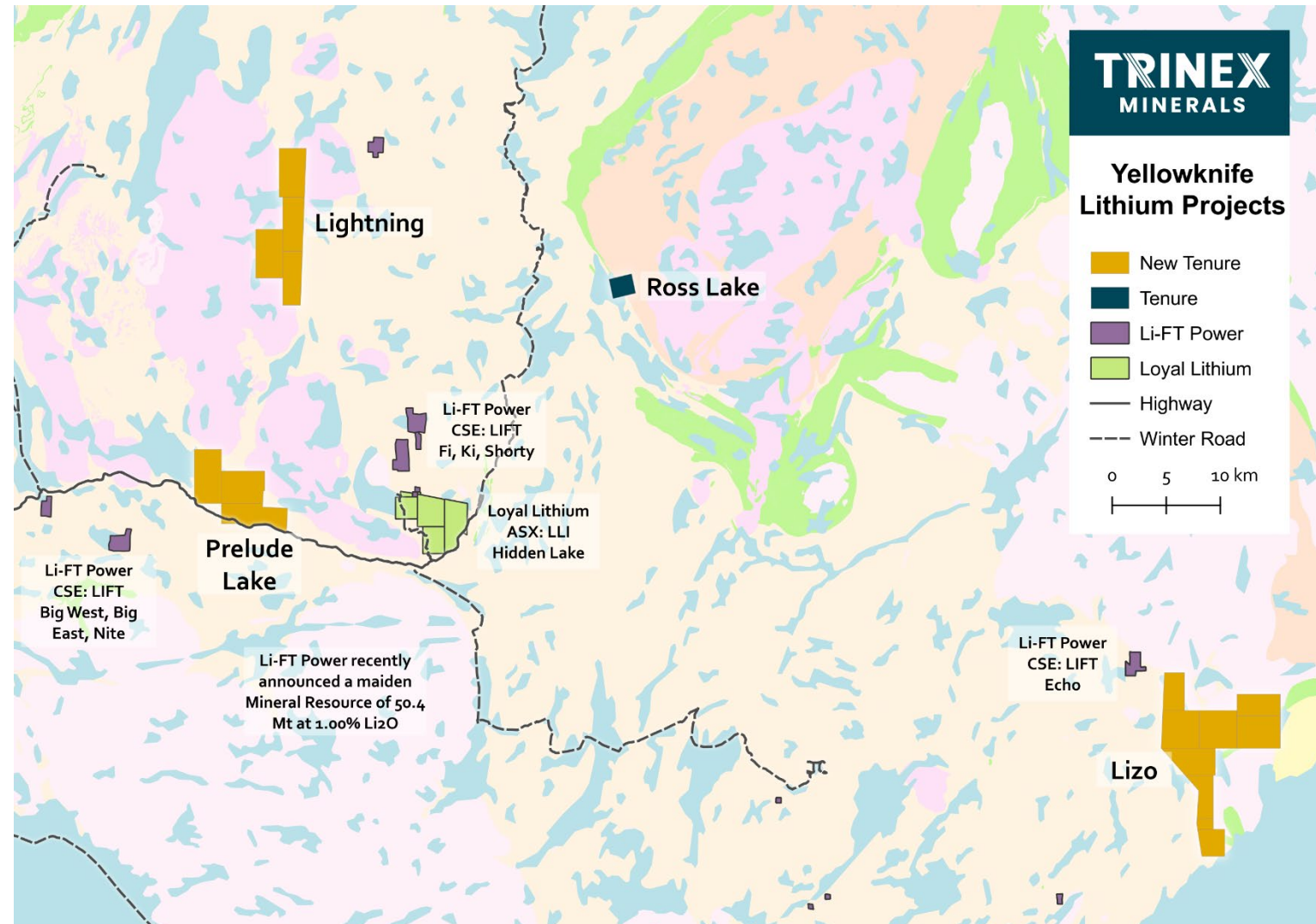
- Borders the eastern edge of the fertile Prosperous Granite
- Approximately 41kms by helicopter from Yellowknife and covering over 4,000Ha

Prelude Lake

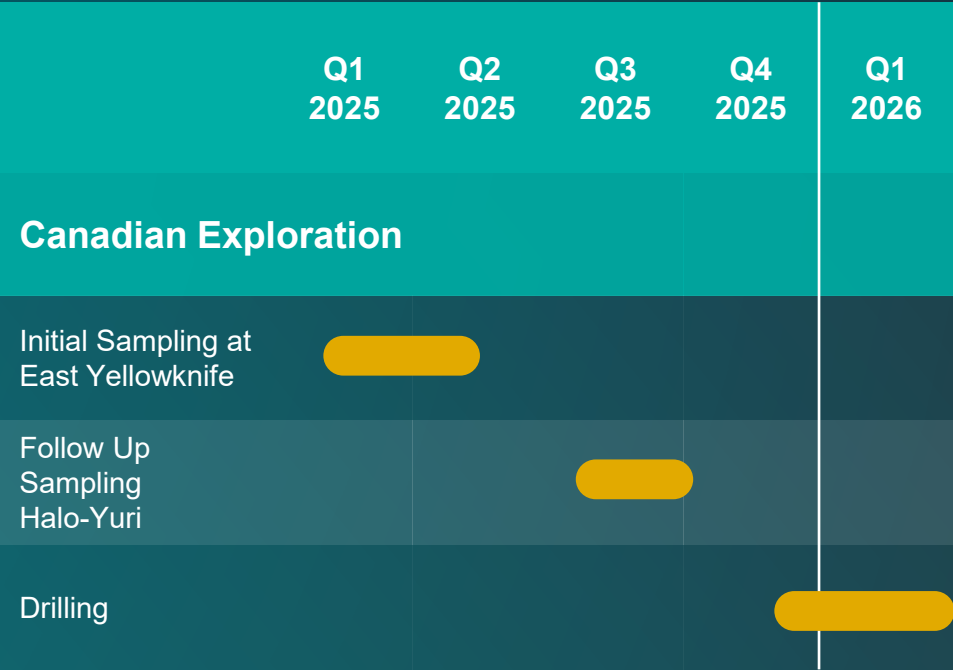
- Road accessible from Yellowknife
- Covers over 3,600Ha to the south of the Prosperous Granite
- Located between Li-FT Power's major Li₂O resource at their Yellowknife Lithium Project of 50.4Mt at 1.00% Li₂O (LIFT TSXV 1 Oct 24)

Lizo

- Over 7,400Ha and air accessible from Yellowknife
- Bordering the Defeat Suite Granite with numerous pegmatites mapped from satellite imagery ahead of sampling during the 2025 Canadian summer field season



Exploring for a Sustainable Future



Corporate Overview and Capital Structure

1,829M

Shares on issue

26M

Options on issue

\$2.80M

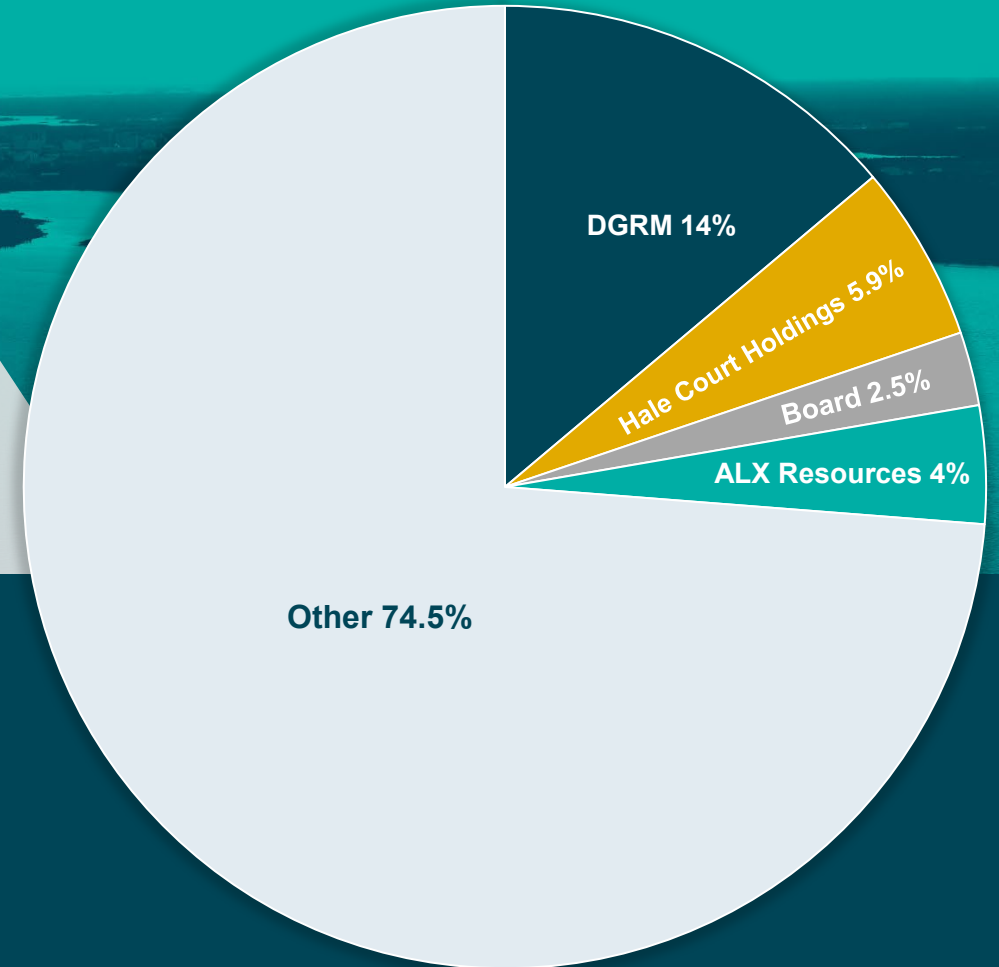
Treasury
(30 June 2024)

\$3.66M

Market Capitalisation
(22 Oct 2024)

\$0.85M

Enterprise Value



Experienced Board of Directors



Edward Fry

Non-Executive Chairman

Eddie Fry is a Dagoman-Wardaman man from the Katherine region in the Northern Territory. He has extensive experience within the Australian resource sector and is a specialist in Indigenous and native title issues. He holds a Diploma in Business Management from the University of South Australia. He is the Chair of Indigenous Business Australia, is an executive director of Gimbulki Ltd, a native title land access company he established in 2002, Chair of the Indigenous Advisory Board at Broadspectrum (since 2010), Deputy Chair of the Aboriginal Foundation of South Australia Inc. and Chair of Trinex Minerals Limited.



Will Dix

Managing Director

Will is a geologist with 28 years' experience in base metal, gold and uranium exploration and mining. Will is a Fellow of the AusIMM, a graduate of the Australian Institute of Company Directors and has a proven track record of successful project and team management. He also has extensive experience in commercial activities including capital raisings, mergers, acquisitions and divestments and is a Non-Executive Director of Stellar Metals (ASX:SLB).



Stuart Crow

Non-Executive Director

Stu has more than 35 years' experience in all aspects of corporate finance, stockbroking and investor relations in Australia and international markets and has owned and operated his own businesses in these areas. Stu is currently Non-Executive Chairman of Lake Resources (ASX:LKE).



Su-Mei Sain

Executive Director & Company Secretary

Su-Mei has a career spanning more than 15 years within the mining resources sector, where she has held diverse financial roles at mining companies including Sirius Resources and S2 Resources.

Su-Mei holds memberships in both Certified Practising Accountants Australia and the Australian Institute of Company Directors (AICD).

Critical and Energy Minerals Investment Opportunity



Key Energy Minerals Assets in South Australia and Canada



Focused Exploration near term at Dudley Lithium Project, then Canadian assets in 2025



Significant potential for lithium resource at Halo-Yuri Project in Canada



Strong Register & Experienced Board



Will Dix
Managing Director

 +61 8 6166 0255

 wdix@trinexminerals.com.au

 trinexminerals.com.au

TX3