



Northwest Territories Acquisitions

An Emerging Lithium Province



**TODD RIVER
RESOURCES**

ASX: TRT
trrltd.com.au

September 2023
WILL DIX | Managing Director

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Release authorised by Todd River Resources Managing Director, Will Dix.

Competent Person's Statement

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

- "Maiden Mineral Resource Estimate at Mt Hardy" lodged on 10 July 2019
- "High Grade Copper and Zinc Rock Chip Assays at Mt Hardy" lodged November 27 2022
- "Land Access Secured Over High Priority Targets at Pingrup" lodged on November 14 2022
- "Todd River Makes Transformational Lithium Acquisition in NWT, Canada" lodged on September 27 2023

These announcements may be viewed at www.trrltd.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.

The information in this announcement that relates to the estimation and reporting of the Hendrix Resource is extracted from the ASX announcement titled "Maiden Mineral Resource Estimate at Mt Hardy" lodged on 10 July 2019 which is available to view at www.trrltd.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 this presentation. 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 announcements.

Cautionary Statement

In relation to references to documented spodumene and pegmatites at Ross Lake and Halo/Yuri, mapping is historic in nature and relied on mineral identification in the field by experienced government survey geologists. No geochemical sampling was completed and there is no quantitative measure of the amount of spodumene present. In addition:

- the Exploration Results have not been reported in accordance with the JORC Code 2012;
- a Competent Person has not done sufficient work to disclose the Exploration Results in accordance with the JORC Code 2012;
- it is possible that following further evaluation and/or exploration work that the confidence in the prior reported Exploration Results may be reduced when reported under the JORC Code 2012;
- that nothing has come to the attention of Todd River that causes it to question the accuracy or reliability of the historical Exploration Results; but
- Todd River has not independently validated the former owner's Exploration Results and therefore is not to be regarded as reporting, adopting or endorsing those results.

Acquisition Highlights

Subject to Shareholder Approval*



Key Assets

TRT to have the **largest ASX 100% owned landholding in the NWT** - over 500 square kms of prospective claims*



New Major Shareholder

Dahrouge Group to own approximately 16%



Drill Ready Targets

Spodumene documented at **Ross Lake** which is **drill ready** and **Halo/Yuri**



Aggressive Sampling

Follow up known spodumene mineralisation and target new LCT pegmatites



Drill Hole Targeting

Focus on known mineralisation to target winter 23/24 drilling program

*If Shareholder approval is given, TRT will own 100% of 3 projects covering 500 square kilometers in the Northwest Territories

Corporate Overview and Capital Structure*



1,506M
Shares on issue



11M
Options on issue



1.2 cps
Share price
(26 September 2023)



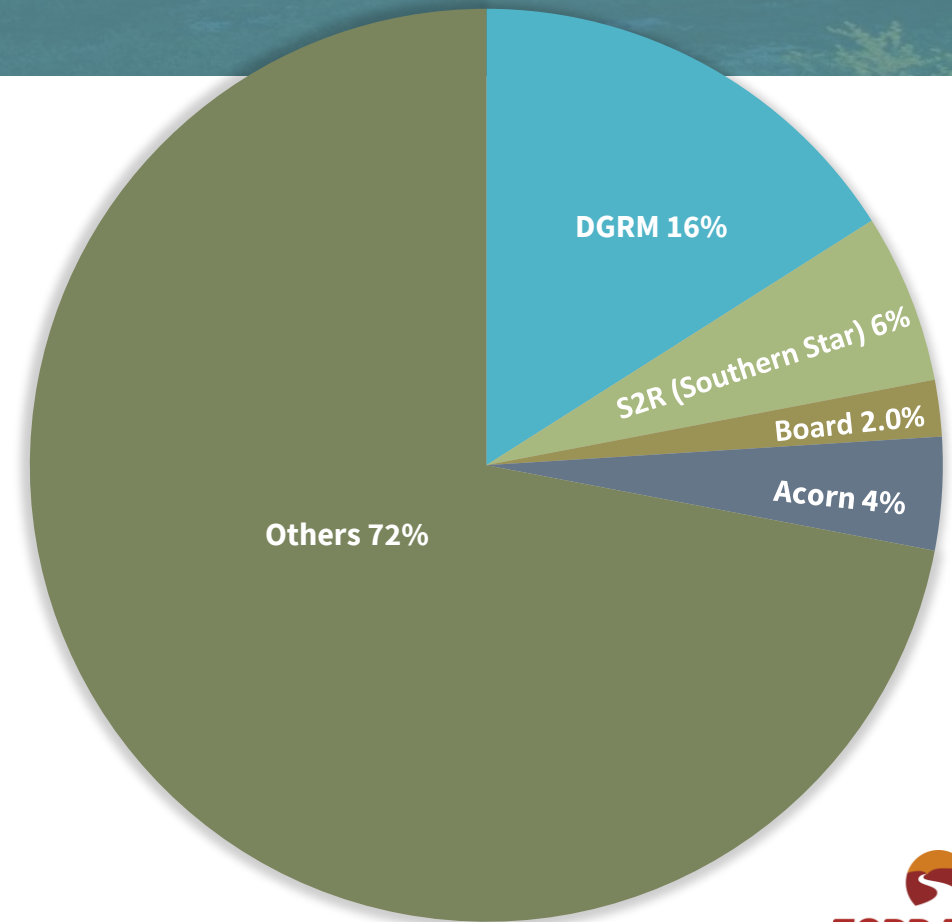
\$15.0m
Market Capitalisation
(fully diluted)



\$6.5m
Cash at bank post
\$5.0M capital raise^



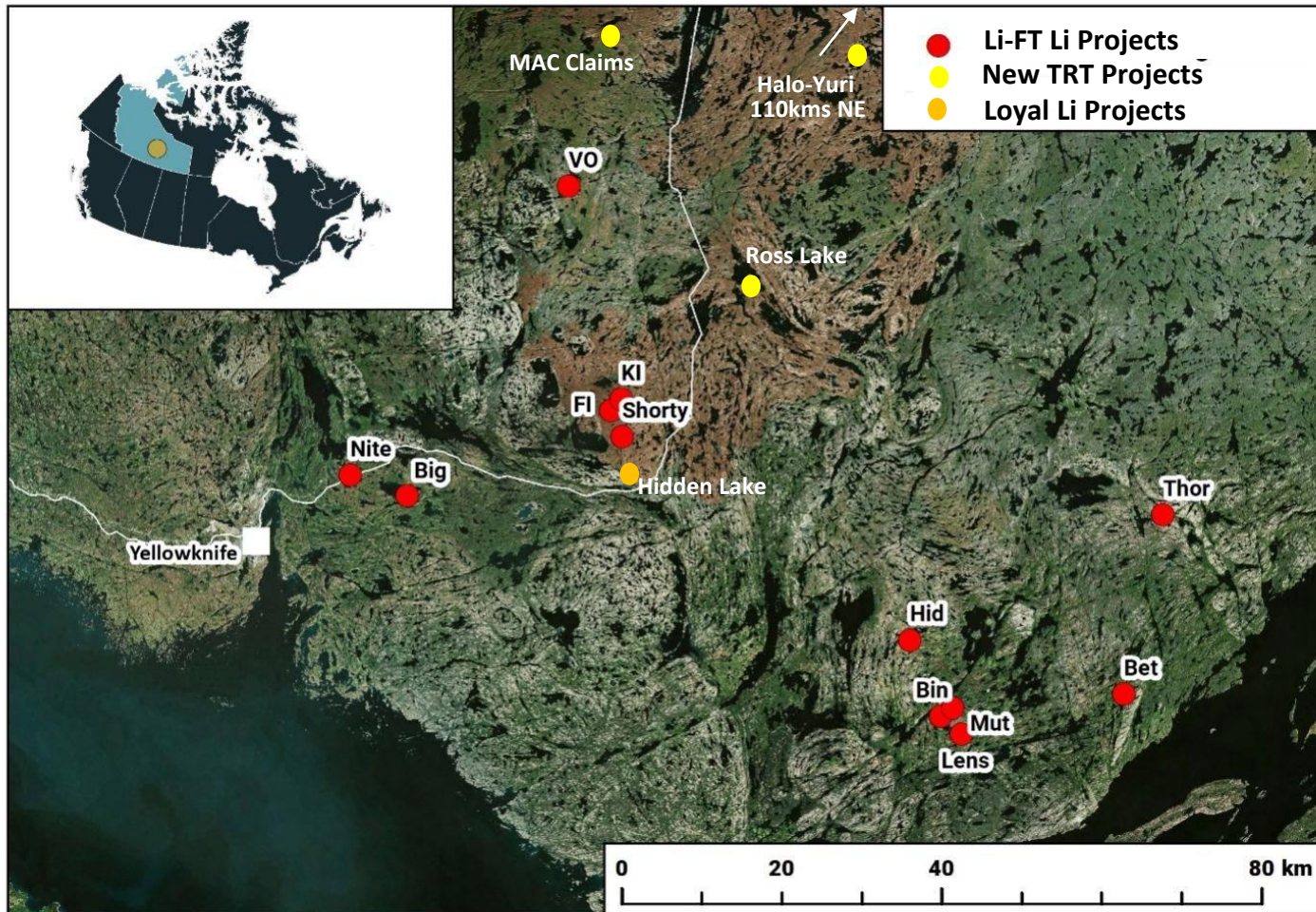
\$8.5m
Enterprise Value



*Post shareholder approval if all resolutions are passed
^before costs and consideration

Northwest Territories

An emerging Lithium Province



Northwest Territories

- Known spodumene rich pegmatites close to Yellowknife
- Supportive and accessible local government and clear land access regime

Li-FT Power* – MC C\$340M

- Multiple projects with thick high grade Li intersections in drilling
- Recently raised \$35M
- Drill hits include 60m @1.38% Li₂O and 56m @ 1.42 Li₂O

Loyal Lithium* – MC A\$72M

- Acquired Hidden Lake Li Project and recently re-listed
- 14 Lithium bearing pegmatites present across project – with only 4 drilled

TRT Projects – MC A\$8.5M

- Recent 100% acquisition of three projects
- Two with documented spodumene occurrences and the third with spodumene adjacent
- Completely undrilled with sampling to commence in late September

*No assurances can be given that a similar or any mineral resource estimate will be determined at the Ross Lake, MAC or Halo-Yuri Lithium Projects.

Strategic Alliance with Dahrouge Geological Consulting



Track Record of Discovery

Patriot Battery Minerals
(ASX:PMT),
Recharge Metals
(ASX:REC) and Q2 Metals
(CVE:QTWO) in the James
Bay Lithium District



Major Shareholder

DG Resource
Management will be the
Company's **largest**
shareholder



Dedicated Team

Experienced Lithium
exploration geologists
with NWT experience to
manage and implement
the field campaign



Expanding Land position

Area of Influence
around projects to
potentially **add to**
current land position

Summer Exploration Program

Fieldwork to be carried out by DGC



September Start

Helicopter based field work to establish drilling priorities at Ross Lake and MAC



Sampling and Mapping

Focusing on areas of known pegmatites where spodumene has previously been documented in government mapping



First Nations Consultation

Specialist Land Access professional engaged to facilitate the First Nation Consultation Process – initial meetings scheduled for first half of October



Permit Applications

Drilling permit applications to be lodged as soon as practicable for a late winter



Strong cash position

\$6.5m treasury for targeted exploration

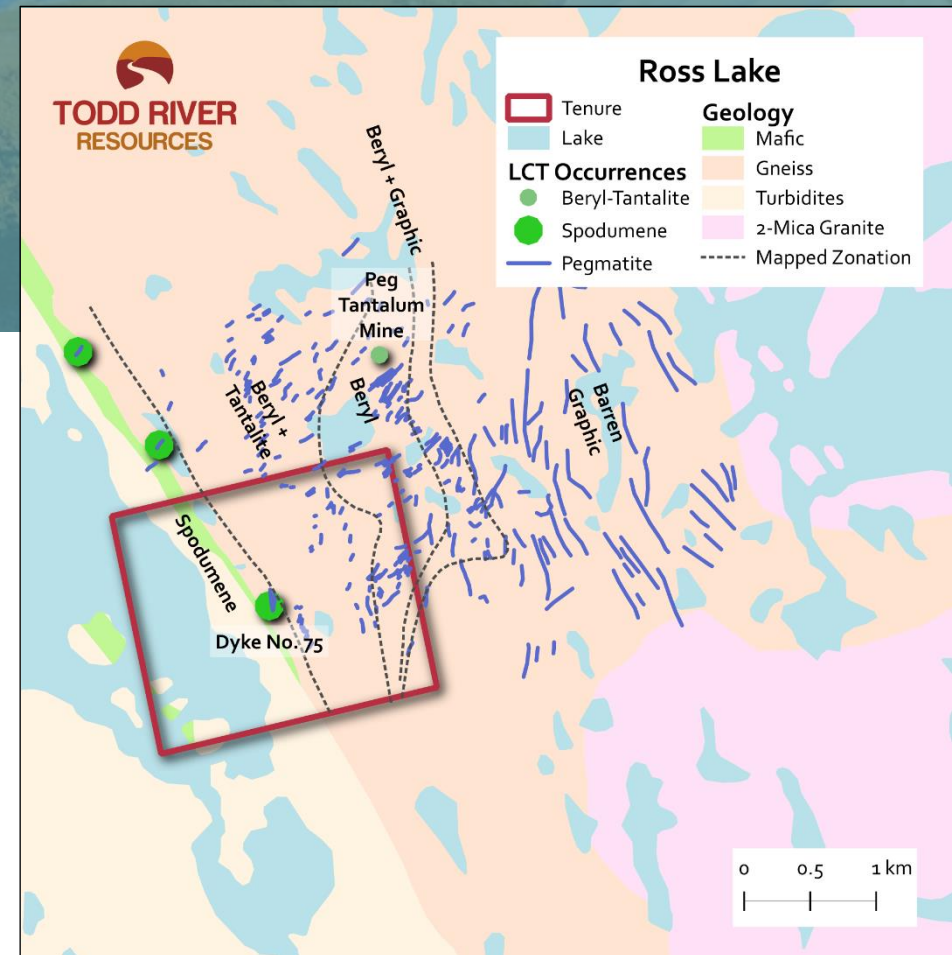
Ross Lake Project

Geology and Mineralisation

- Exhibits classic zoning associated with fertile granites
- Spodumene bearing pegmatites on the gneiss/sediment contact
- Unexplored to the west in volcanics and mafics
- No modern exploration or drilling

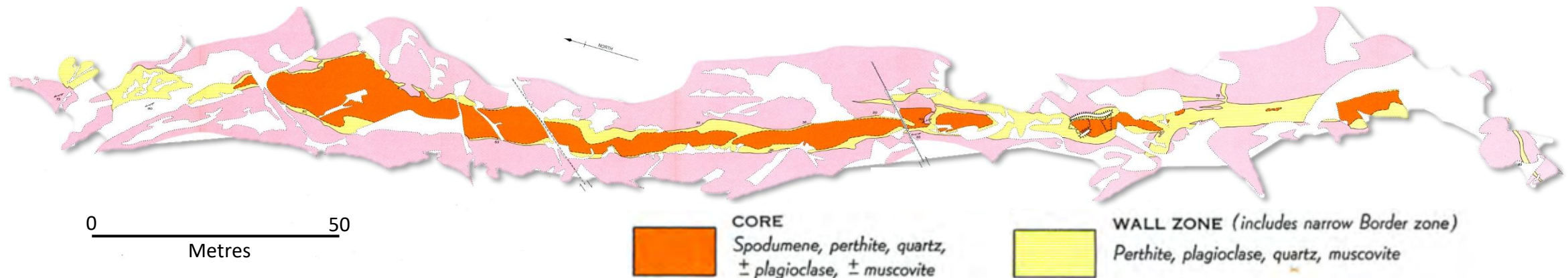
Summer Exploration Program

- Air photo analysis for preliminary pegmatite identification
- Late September start for field work
- Sampling and detailed mapping of identified pegmatites
- Main area of focus along the western side of the gneiss/sediment contact
- Results expected to lead to an initial drilling program for winter 23/24



Ross Lake Project – Dyke No.75

- Dyke No. 75 is located within historically mapped pegmatite zone V within the western portion of the property
- The pegmatite contains a spodumene perthite + quartz \pm plagioclase \pm muscovite core up to 10 m wide.
- The dyke strikes over approximately 150 m in length and is currently open along strike and never been tested at depth
- Internal zonation exists within most mapped pegmatites. Spodumene is generally restricted to the quartz core with crystals up to 6 cm and spodumene constituting up to 20% of this zone
- Summer exploration will include detailed sampling of this pegmatite and pegmatites along strike



Spodumene Bearing - Dyke No. 75

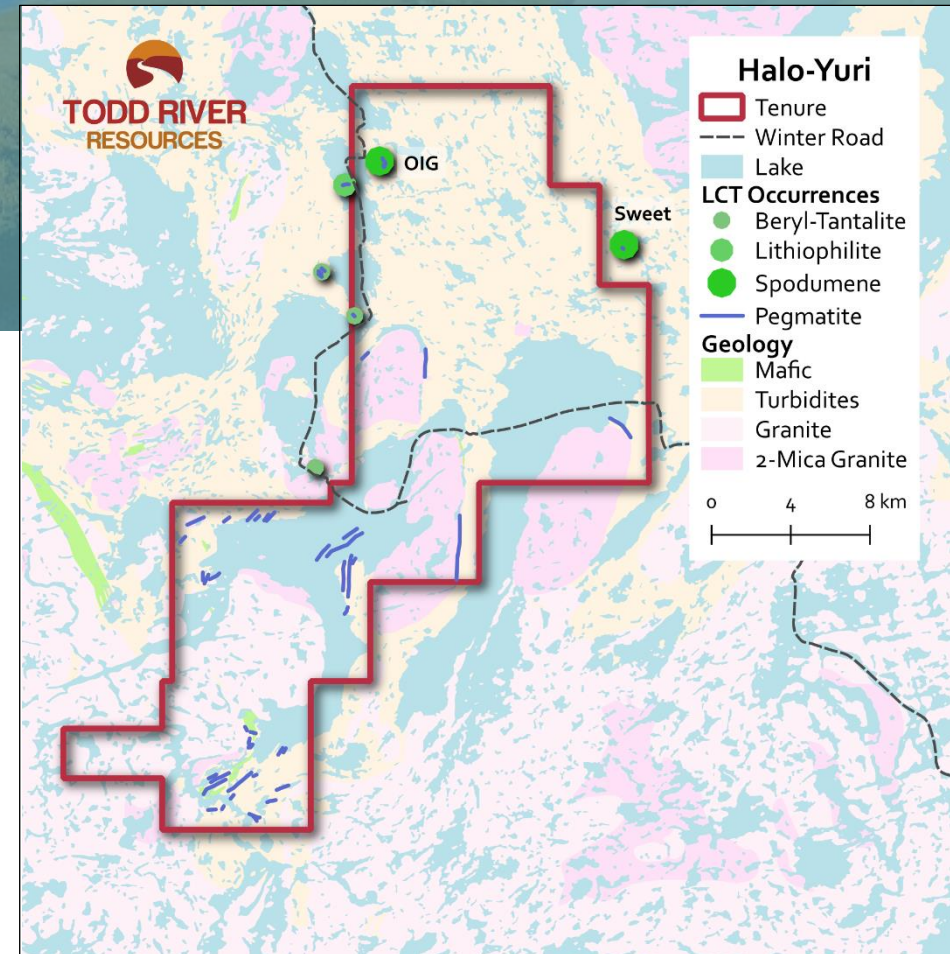
Key Asset Overview – Halo-Yuri Project

Geology and Mineralisation

- Multiple pegmatite swarms identified from previous mapping
- Spodumene bearing pegmatites mapped in the northern part of the project
- No previous Li focused exploration
- Opportunity to access easily during winter via well established winter road

Summer Exploration Program

- Air photo analysis and preliminary pegmatite identification
- Late September/Early October start for field work
- Sampling and detailed mapping of known spodumene bearing pegmatites and prospecting for others
- Main area of focus is within the turbidites
- Results expected to lead to an initial drilling program for winter 23/24



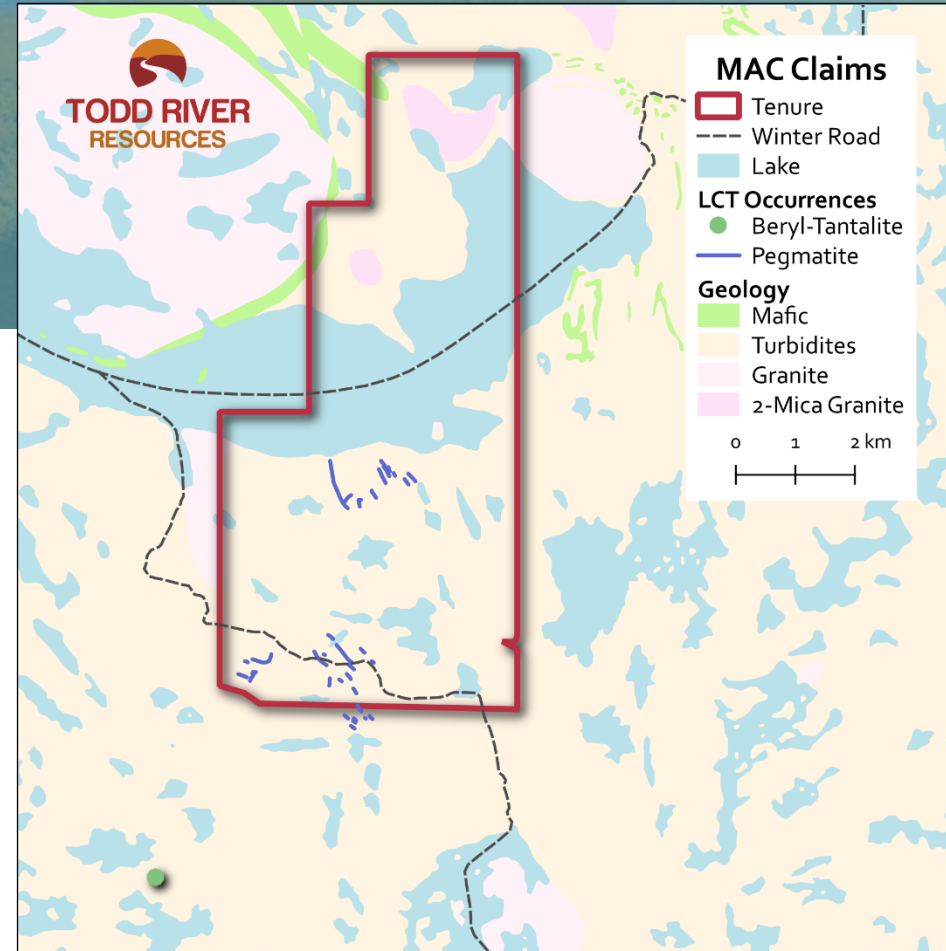
Key Asset Overview – MAC Claims

Geology and Mineralisation

- Multiple pegmatite swarms identified in air photo interpretation and from NWTGS mapping
- Li bearing pegmatites immediately southwest of the claim boundary
- No prospecting or mapping done over the area north of the lake
- No modern exploration or drilling

Summer Exploration Program

- Air photo analysis for preliminary pegmatite identification
- Late September/Early October start for field work
- Sampling and detailed mapping of pegmatite swarms - main focus within the turbidites
- Results expected to lead to an initial drilling program for winter 23/24



Upcoming Activity Timeline

PROJECT	August	September	October	November	December	Q1 2024
Lithium Ross Lake NWT			Sampling	Land access consultation and permitting		Diamond Drilling [^]
Lithium Halo – Yuri NWT			Sampling	Land access consultation and permitting		Diamond Drilling [^]
Lithium MAC Claims NWT			Sampling	Land access consultation and permitting		Diamond Drilling [^]
Copper-Zinc-Silver Mt Hardy		Targeted RC/Diamond Drilling of New Targets		Follow up Diamond		
		Aircore Drilling of Northern Targets				
REE in Saprolite Pingrup	Re-assaying	Crop in the ground limited exploration to Q4			Characterisation drilling and testwork	

[^]Subject to Land Access Agreement

TRT – Critical Minerals Investment Opportunity



Key Assets

At completion TRT will own 100% of projects in an emerging lithium province



Focused Exploration

Underpinned by numerous known spodumene bearing pegmatites



Imminent Start

Late September start – strong news flow



Strong Register

With the Top 20 owning approximately 68%



Treasury of A\$6.5m

Post Shareholder approval

Experienced Hands On Team



Edward Fry

Non-Executive Chairman

Edward 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 and is a graduate of the International Lead and Zinc Study Group conducted out of Belgium on international base metal global supply and demand trade



Will Dix

Managing Director

Will is a geologist with 25 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.



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

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. Her journey led her to assume the role of Chief Financial Officer at Todd River Resources in February 2019 and eventually earning her appointment to the company's board in November 2021. Su-Mei holds memberships in both Certified Practising Accountants Australia and the Australian Institute of Company Directors (AICD).



**TODD RIVER
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APPENDIX

AUSTRALIAN PROJECTS



EXPLORING FOR A SUSTAINABLE FUTURE

Hendrix and Regional Exploration

2019 Mineral Resource Estimate at Hendrix 2.6Mt @ 10.5% Zn Equivalent* open to the south and at depth



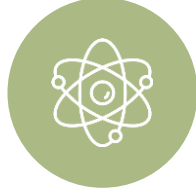
Drilling in Q3 2023



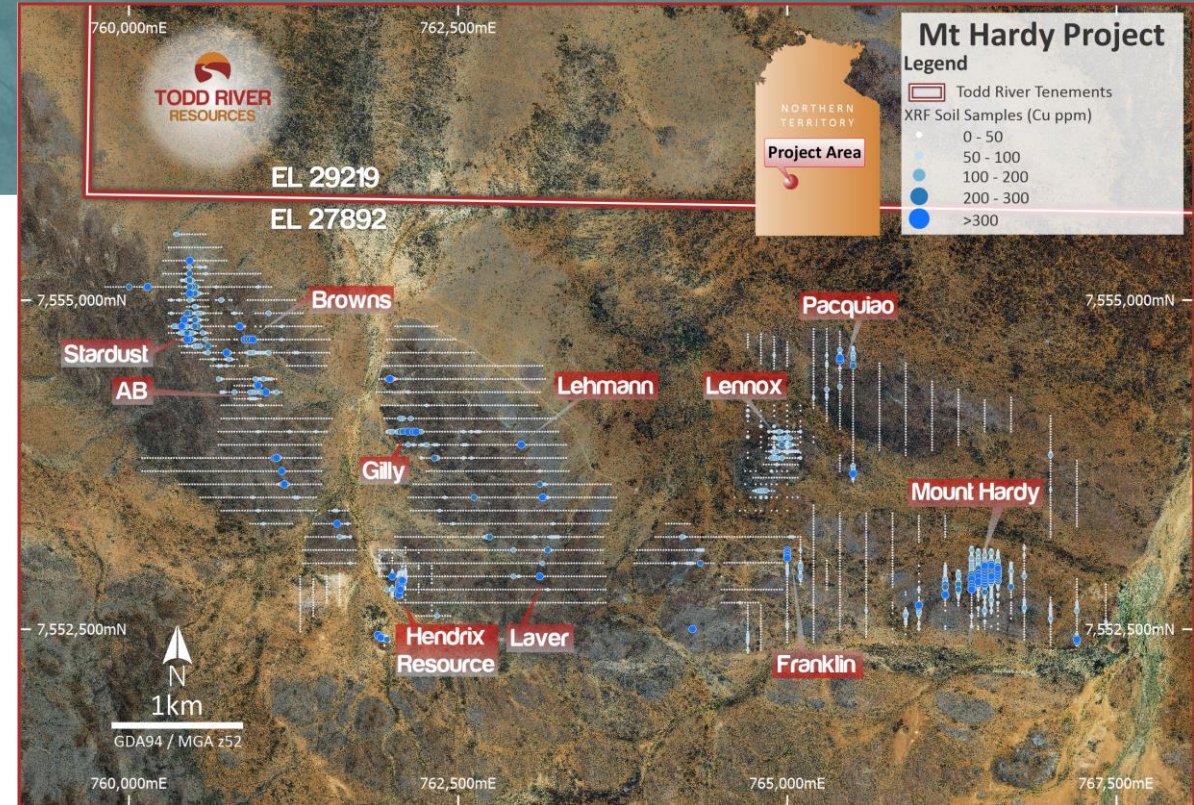
Widespread pXRF soils identified 6 new Zn-Cu-Pb gossanous lodes



Previous reconnaissance drilling included first pass RC drilling in late 2019 at Gilly and northern tenement unexplored for base metals

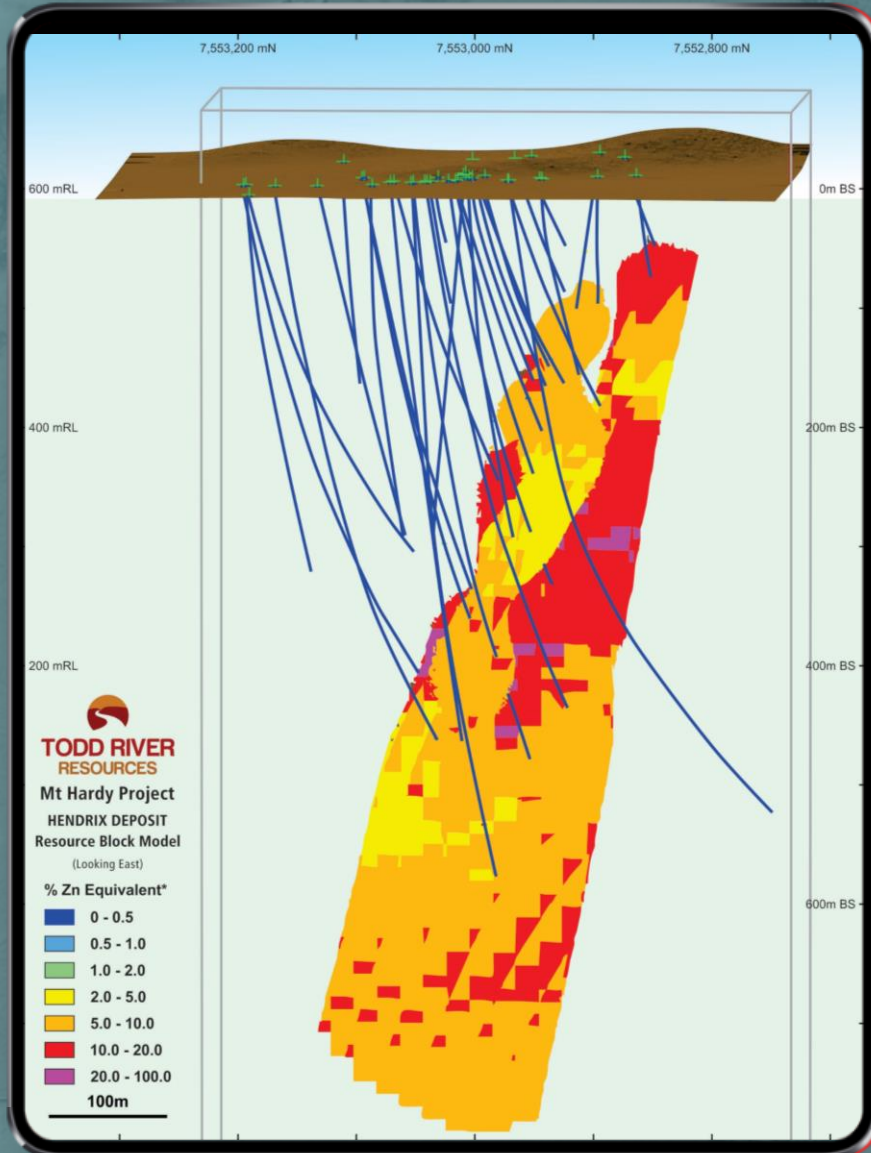


Strong base metal geochemical anomalies over 1.2km² NE of Hendrix (unrelated to Hendrix) and northern tenement unexplored for base metals



*See ASX Announcement lodged 10 July 2019

Hendrix and Regional Exploration



2019 inferred Mineral Resource Estimate at Hendrix
2.6Mt @ 10.5% Zn Equivalent*



Mineral Resource contains approximately:
175,000 tonnes of zinc,
22,500 tonnes of copper and
40,000 tonnes of lead



Solid foundation for growth of mineral inventory at Hendrix, which is open at depth and to the south



Large northern portion of the project still relatively underexplored

Pingrup Project

Single granted Exploration Licence (240 square kilometres) between Lake Grace and Pingrup in the south west Yilgarn



Prospective for intrusion related Ni-Cu-PGE and REE mineralisation



Additional drilling and material characterisation testwork to come



Strong TREYO anomalism identified across the project – up to 0.36% with Nd+Pr% between 20-32%



Land access discussions ongoing with several new areas identified as prospective

