



Battery Metal Focused Exploration Company

Investor Presentation

ASX: **FTL**

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COMPETENT PERSONS STATEMENT:

The information in this Report that relates to Mineral Resources of the Company is based on, and fairly represents, information and supporting documentation that has been reviewed and prepared by Robert Wason, who is a Senior Consultant - Geology at Mining Insights Pty Ltd and is a member of AusIMM.

Mr. Wason has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity, which they are undertaking to qualify as an Expert and Competent Person as defined under the VALMIN Code and in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’ (“JORC Code 2012”). Mr. Wason consents to the inclusion in this announcement of the matters based on the information in the form and context in which they appears.

This presentation has been authorised for release by the Board of Directors

CAPITAL STRUCTURE

FTL

ASX Code

\$10.7M

Cash post raise and listed shares

\$31.1M

Market Cap

Share price \$0.405 3 May 2022

77.0m

Total Shares

7.0M

Options - \$0.30 strike

\$20.4m

Enterprise Value

MAJOR SHAREHOLDERS

Hong Kong Jayson Mining Co Ltd (**Jayson**): **10.4%**

Gascoyne Resources: **8.4%**

Moray Holdings (QLD) Pty Ltd: **7.8%**

Board & Management: **4.3%**

Top 20 shareholders:

60.0%

Highly motivated and experienced shareholder base aligned with management:

- Chinese battery metals investor Jayson is affiliated with CATL, the world's largest lithium battery cell manufacturing enterprise.
- Gascoyne Resources has a solid track record of exploration in the region.

Board of Directors



Mr Grosvenor is an experienced executive with over 25 years' experience in the Mining and Power industry. Holding a dual tertiary qualification in Engineering and a Master in Business,

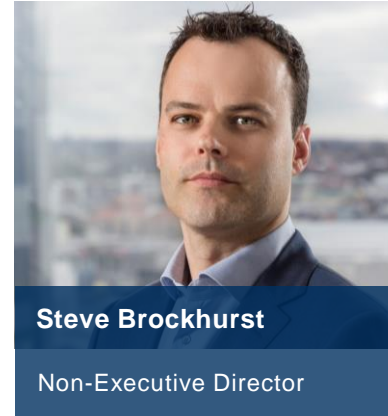
Mr Grosvenor was most recently the Director of Development of Primero Group, focused on the development of projects from an initial concept through to contract delivery and operation.

He is currently a director of ASX listed Perpetual Resources Ltd. Firebird Metals Limited and sits on the Industry Consultation Group for Battery and Critical Minerals



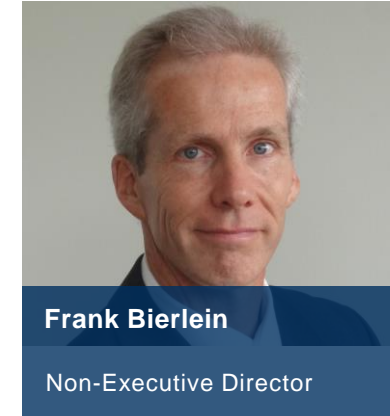
Mr Lawson is the Managing Director of Gascoyne Resources Limited.

He holds a Master of Science in Geology from Auckland University and has more than 15 years of exploration, production and management experience in gold and base metals.



Mr Brockhurst has 20 years experience in the finance and corporate advisory industry. His experience includes corporate and capital structuring, corporate advisory and company secretarial services.

He is currently a Director of Nelson Resources Ltd and Locksley Resources Ltd.



Dr Bierlein has over 30 years experience as a geologist. Dr Bierlein has held exploration and generative geology roles with QMSD Mining, Qatar Mining, Afmeco Australia and Areva NC.

He is currently a director of ASX-listed PNX Metals Ltd, Blackstone Minerals and Impact Minerals.



Key Management Personnel



Melanie Leighton

Exploration Manager

Melanie is a geologist with over 20 years' experience in the mining industry, spanning multiple commodities and deposit types.

Melanie is a Non-Executive Director of Great Boulder Resources, and has held management and senior geological roles with Hot Chili Limited, Harmony Gold, Hill 50 Gold and Northwest Resources, gaining practical and management experience within the areas of exploration, mining and resource development.



Leon Bagas

Senior Exploration Geologist

Exploration Geologist with 40 years industry experience.

Leon has held senior exploration roles with Australian companies and Senior Research positions for the University of Western Australia.

Leon is highly experienced with developing mineralization models using geochemistry and geochronology.

Combined with his proficiency in the field, Leon is assisting the development of the exploration and drilling programs at Patterson province and Yalgoo.



Phillip Mackenzie

Senior Exploration Geologist

Phill has worked in Central Queensland over several decades exploring the Marlborough and Yeppoon terrain assessing and exploring for nickel, cobalt, chromite, magnesite and gold related to the Princhester Serpentinite. The work included management of projects and teams to perform activities ranging from regional sampling to resource drilling. Several hundred drill holes targeting lateritic nickel (with cobalt) were assessed and an indicated resource determined for a Mining Lease.



Why Firetail?



Portfolio of highly prospective battery minerals projects in Australia



Proven Board & Management team across all aspects of development



Existing granted project portfolio across Li, Ni, Cu, Au, Mn and Co with substantial exploration targets identified



Yalgoo-Dalgaranga Project contains high-grade lithium in an area previously only targeted for gold.



On-ground activity commencing in April '22 moving toward resource drilling

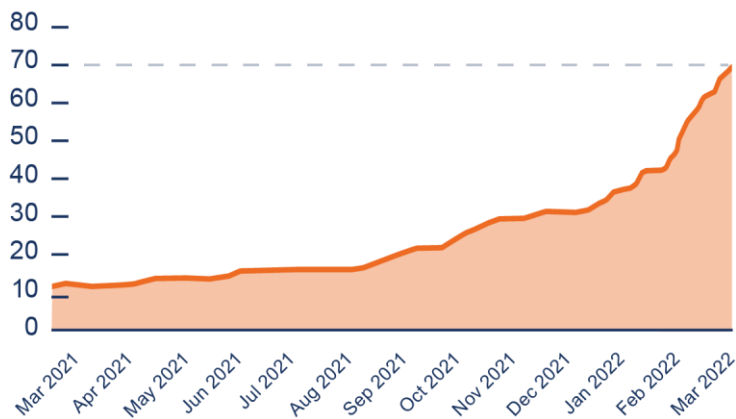


Quality shareholders Top 20 with long-term exploration focus

LITHIUM

- The global lithium market has seen record prices on limited supply and strong demand
- This price strength is expected to continue near-term as supply tightness is expected to persist and demand for electric vehicles continues to grow¹

Lithium hydroxide monohydrate LiOH.H₂O 56.5%
LiOH min, battery grade, spot price cif China, Japan & Korea, \$/kg



Source: www.fastmarkets.com

¹ [S&P Global Commodity Insights](#)

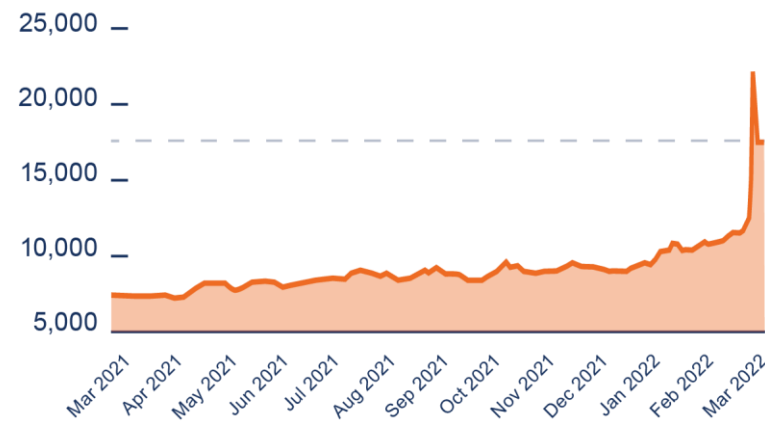
² [Goldman Sachs Commodities – A strong outlook for 2022](#)

³ [The Assay](#)

NICKEL

- Nickel prices trended higher in 2021 reflecting a tighter market on stronger demand in stainless and EVs.
- Strong EV demand trends are expected to support longer term nickel deficit and sustained higher pricing to 2025, according to Goldman Sachs²

1 year nickel spot price (USD/lb)

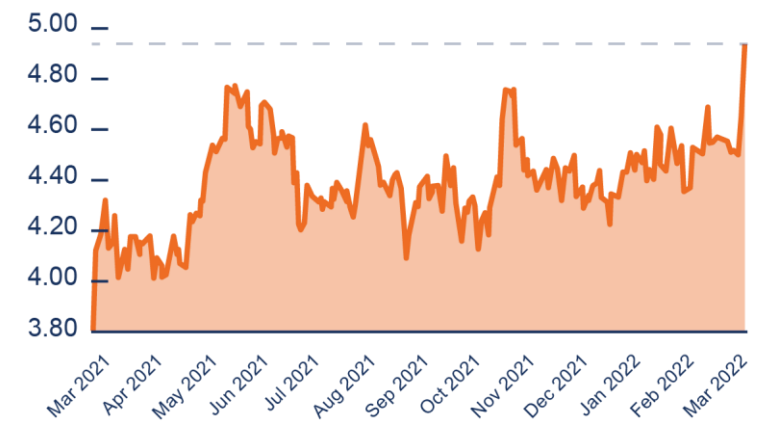


Source: www.kitco.com

Copper

- In the next 20 years, the world's copper miners must double the amount of global production — from the current 20Mt annually to 40Mt — just to match the demand for a 30% penetration rate of EVs.

1 year copper spot price (USD/lb)



Source: <https://www.macrotrends.net/futures/copper>

Project Portfolio

LITHIUM

Yalgoo – Dalgaranga
Forrestania investment

NICKEL

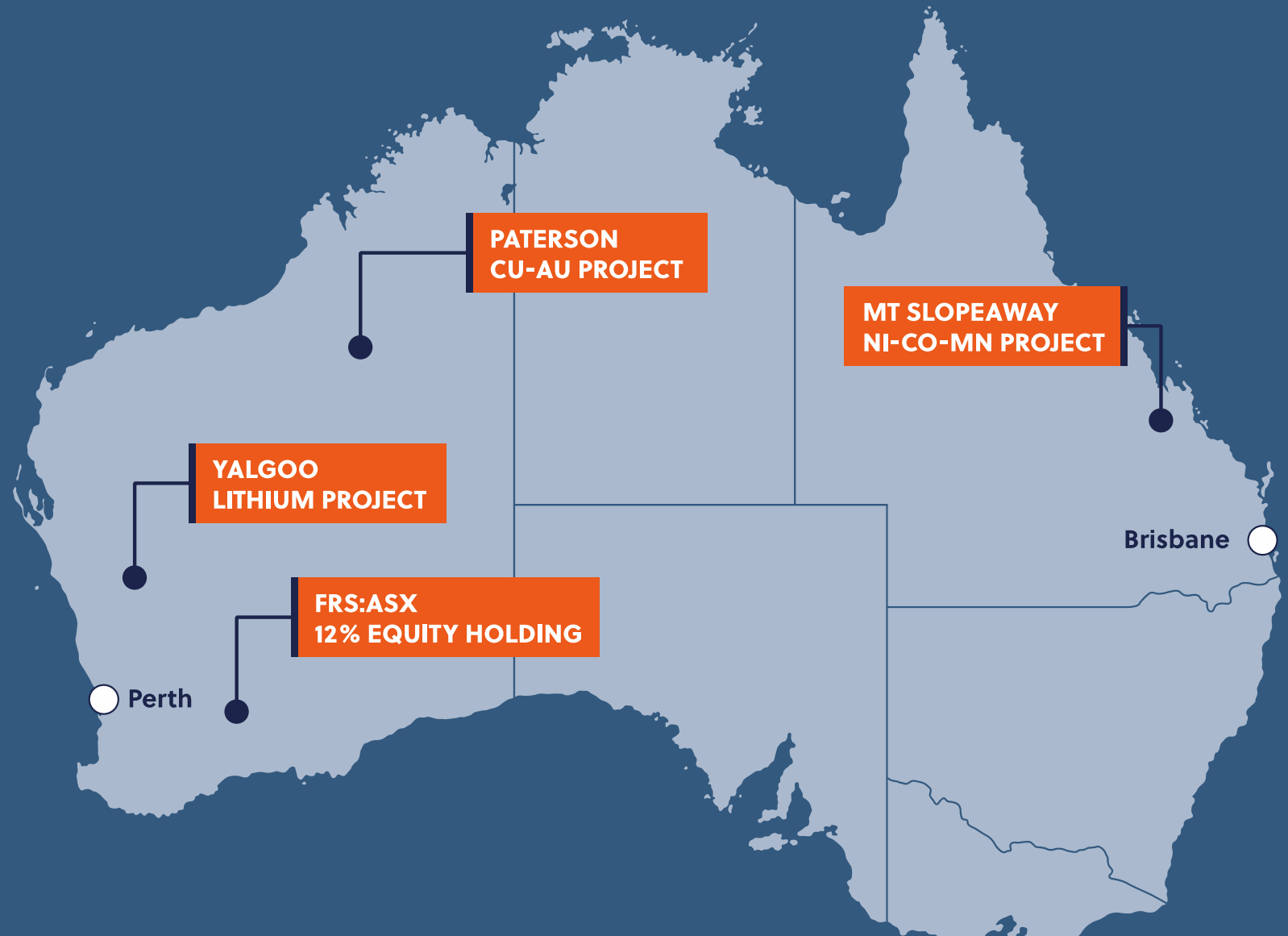
Mt Slopeaway

COPPER

Paterson

GOLD - LITHIUM

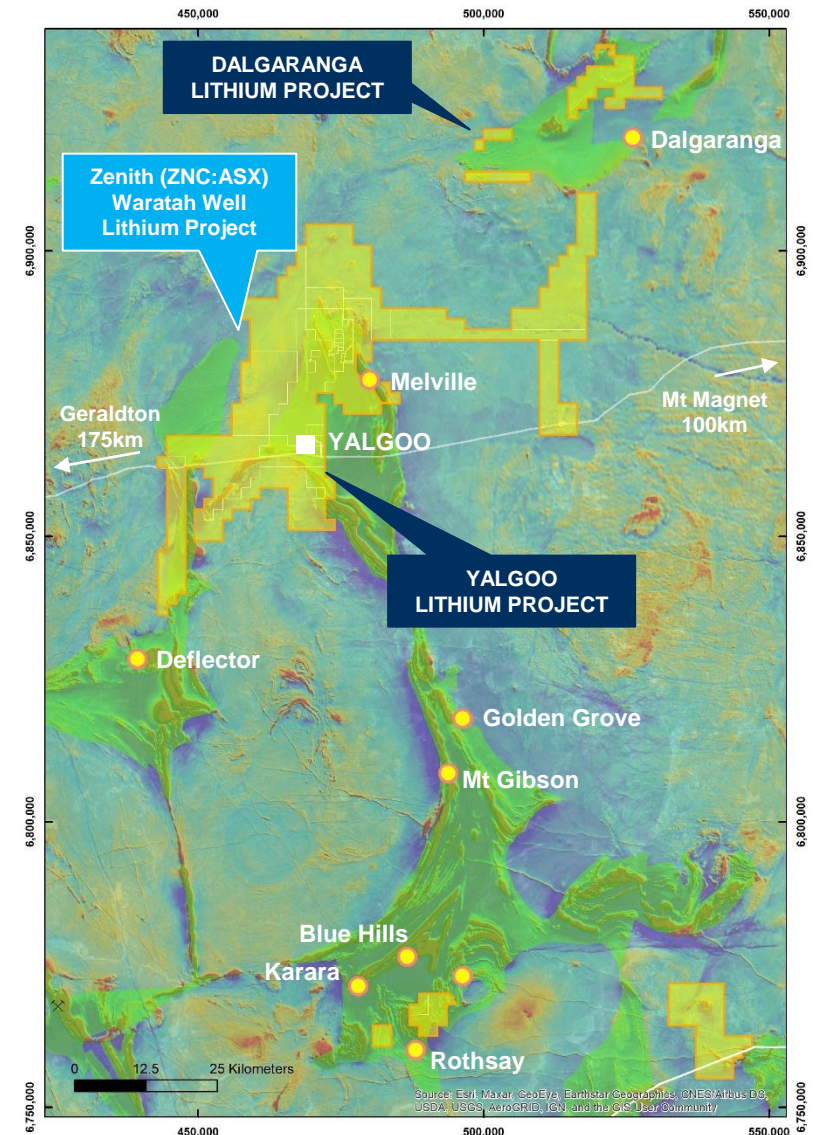
Forrestania investment
Paterson



Brisbane

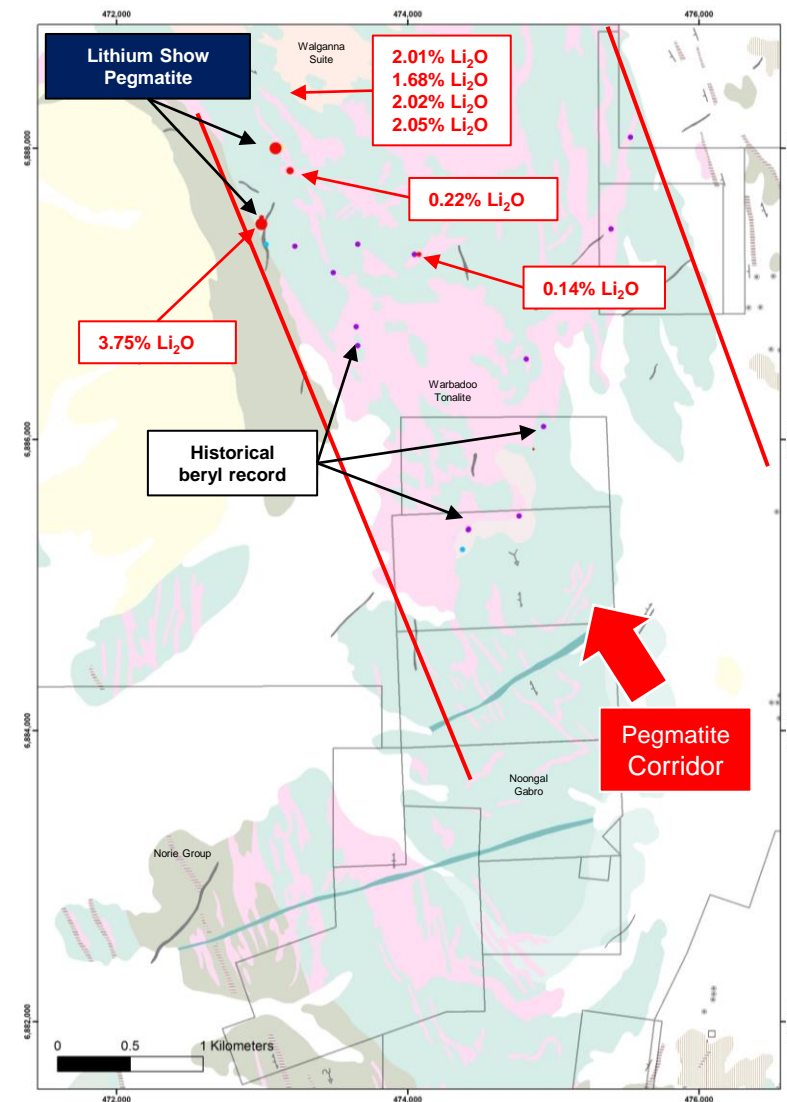
Perth

- 14 granted concessions covering more than 1750km²
- Drill ready and highly prospective for LCT (Li-Cs-Ta) type pegmatite deposits
- Mindex records confirm previously identified lithium (Li), tantalum (Ta), tin (Sn), beryllium (Be) and rubidium (Rb) occurrences within the boundary of the tenements
- Grab rock samples at the Lithium Pegmatite Show returned up to 3.75% Li₂O associated with lepidolite in one of these pegmatites and lithium-muscovite containing up to 2.05% Li₂O and in another pegmatite
- Located close to all necessary infrastructure, including mine camp powered by renewable energy
- The Yalgoo Lithium Project is adjacent to Zenith Minerals' Waratah Well Lithium Project, which recently reported widespread lithium and tantalum-bearing pegmatites¹



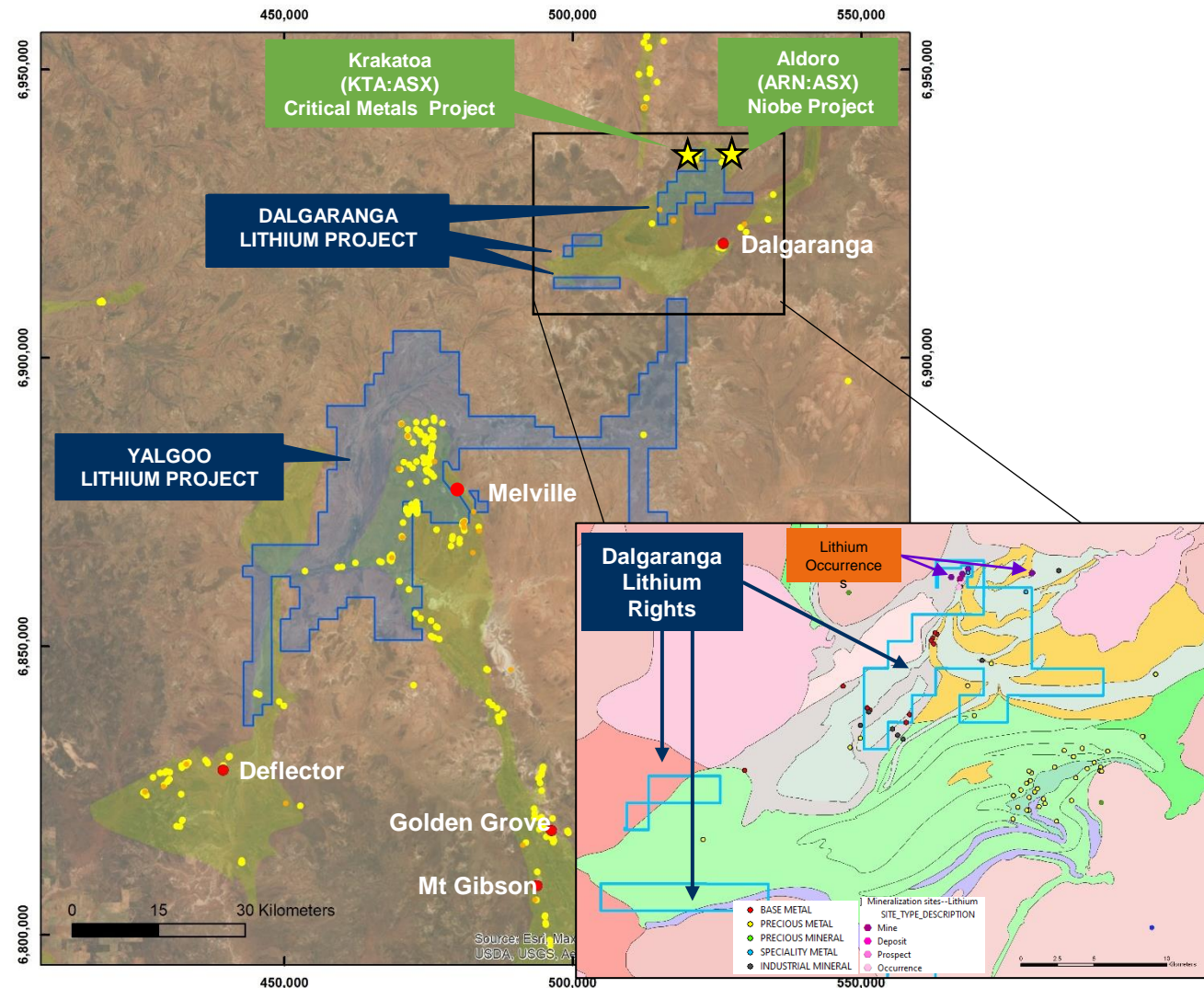
1. ZNC ASX Announcement 10 March 2022 - Drilling confirms widespread lithium & tantalum at Waratah Well

- High-grade rock chip samples include:
 - YRC008: 3.75% Li₂O
 - YRC003: 2.05% Li₂O
 - YRC004: 2.01% Li₂O
 - YRC005: 2.02% Li₂O
 - YRC006: 1.68% Li₂O
- Historical drilling intersected pegmatites up to 27m thick – never sampled for lithium
- Potential mineralised corridor of 1.5km wide x 5km strike, within a broader 10km corridor
- Exploration planned as part of use of funds including systematic surface mapping, geochemical sampling and drilling



Yalgoo Project displaying geology, rock chip samples and mapping observations from WAMEX data

- Firetail holds the lithium rights on three granted tenements that lie in the north and western areas of Dalgaranga Greenstone Belt in the Murchison Province of Western Australia
- The adjoining Dalgaranga Tantalum mine (ASX:KTA) shows several known and mapped pegmatite occurrences
- The Dalgaranga Lithium Rights adjoin the Niobe Ta-Li project, held by Aldoro Resources Ltd (ASX:ARN), which recently commenced a 66 RC drill hole program
- Aldoro has identified an Exploration Target¹ of approximately 33,000-150,000 contained tonnes with grades ranging from 696-1457ppm Rubidium Oxide (Rb₂O) at the Main Pegmatite (P1) location

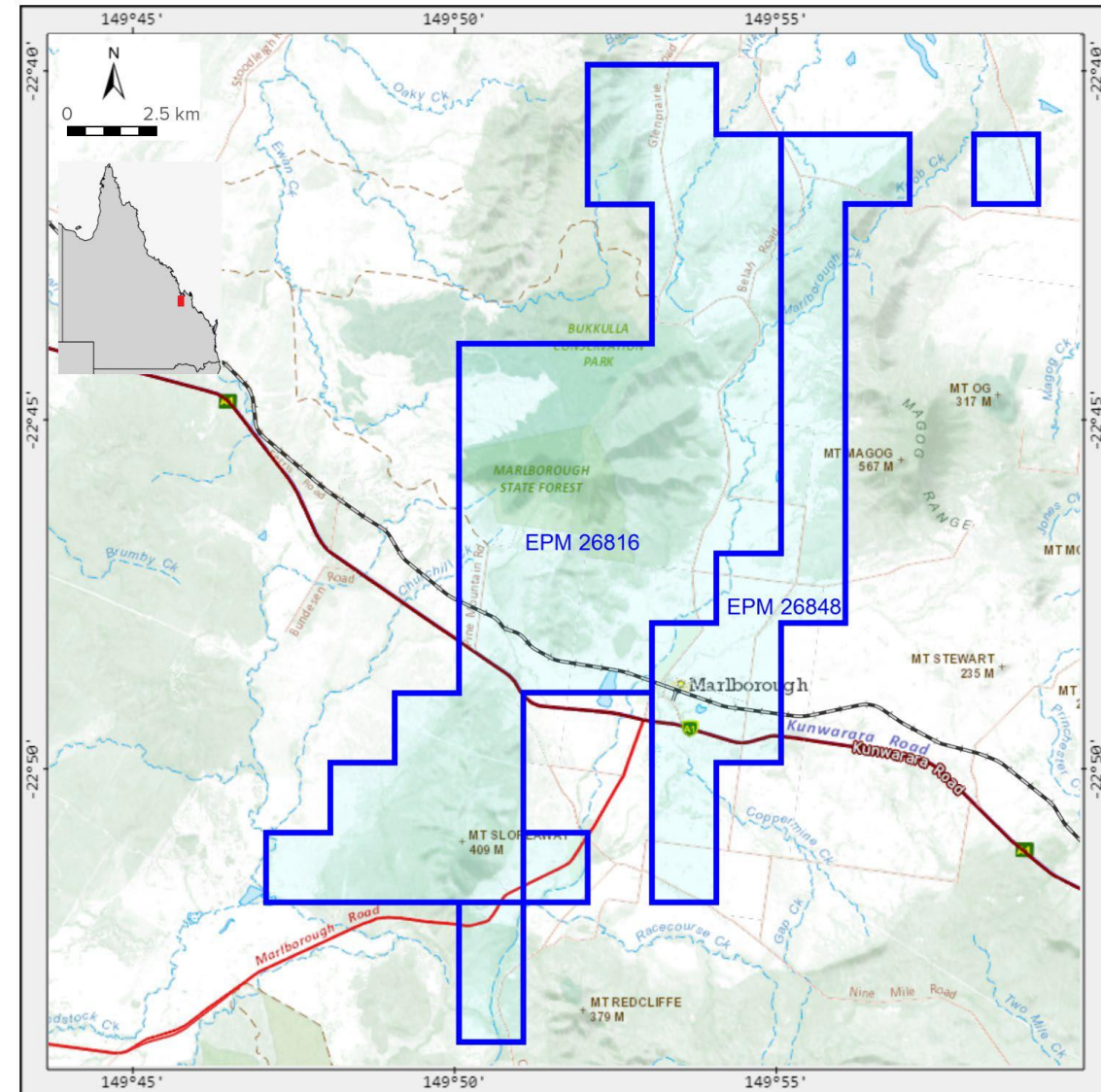


Yalgoo and Dalgaranga Project landholdings, regional geology, and mineral occurrences

1. Refer to Aldoro (ASX:ARN) ASX announcement dated 7th December 2021 for further detail on the Niobe Exploration Target

Mt Slopeaway Ni-Co-Mn

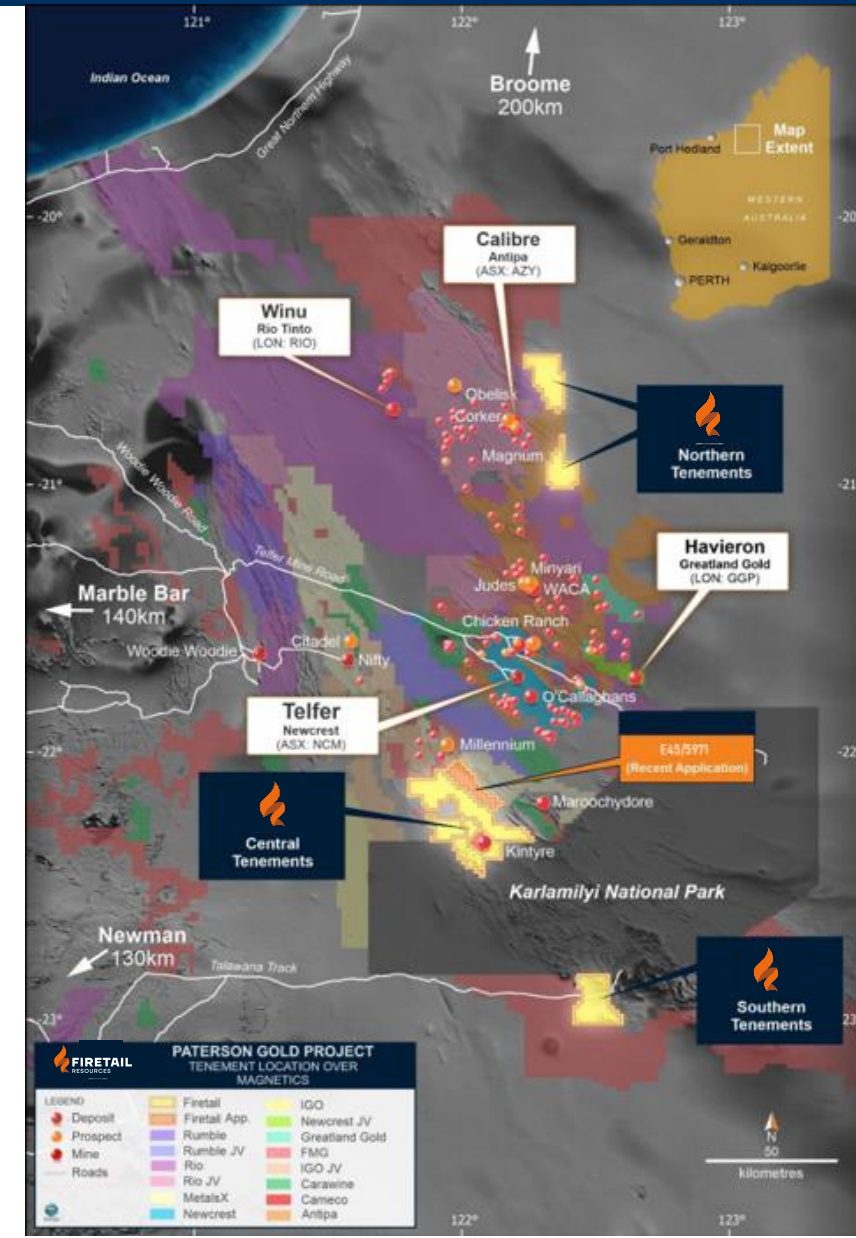
- JORC-2012 Inferred Resource of 4Mt @ 1% Ni, 0.2% Co, 1% Mn with excellent exploration upside
- Well-located close to road, rail, port and smelter infrastructure, 90km NNW of Port of Rockhampton
- Two granted EPM's covering 188.5km²; ML application underway
- Firetail to investigate simple excavator – crush – screen – truck processing method
- Targeting Scoping Study commencement in Q4 2022



Mt Slopeaway Project Location, located in Marlborough, QLD

Paterson Copper-Gold

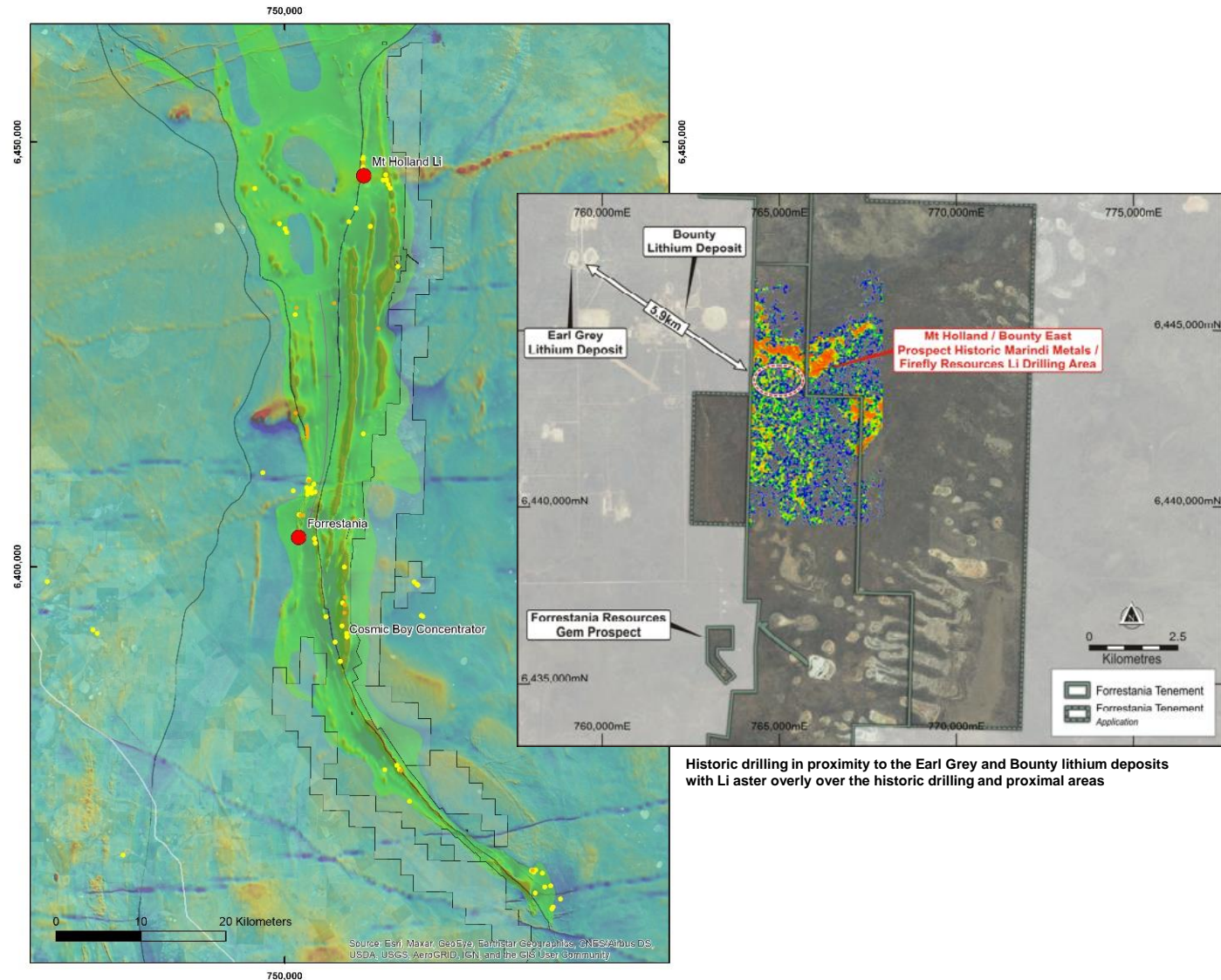
- Six granted tenements and one exploration application in the highly prospective Paterson Province in northwest WA covering ~1,000km²
- Shallow high-grade copper-gold-molybdenum targets delineated by CRA exploring for uranium in the 1980's
- Historical drilling results included:
 - 87WDRC2 - **17m @ 1.6% Cu**, 317ppm Mo, including **9m @ 2.6% Cu**, 456ppm Mo from 84m,
 - 87WDRC6 - **9m @ 2.0% Cu**, 272ppm Mo, including **5m @ 3.1% Cu**, 430ppm Mo from 84m,
 - 87WDRC8 - **11m @ 1.5% Cu**, 181ppm Mo, including **7m @ 2.1% Cu**, 250ppm Mo from 83m, and
 - 87WDRC14 - **13m @ 1.1% Cu** including **6m @ 2.0% Cu** from 107m



Refer to Firetail Prospectus for further details on Paterson historical Cu-Au drilling results

Forrestania Resources investment (ASX: FRS)

- Firetail holds 6.25M shares (12%) of the current issued capital
- **Current value ~\$2.05M** (FRS 3/5/22 share price)
- A milestone payment of A\$500,000 is payable to Firetail on the definition of a JORC Mineral Resource of 250,000oz of gold over 2.0 g/t Au
- 1.0% Net Smelter Royalty will be payable over all minerals sold by FRS from the tenements
- FRS are actively exploring their Forrestania leases for lithium potential as well as gold



Refer to Firetail Prospectus for further detail on the Forrestania Resources (ASX:FRS) equity holding

Exploration Activities 2022

Yalgoo Operations

- Site Visit and confirmation of Geochemical and Auger Program
- Site Auger Program and Rock Chip sampling
- Finalise Drilling Program
- Drill Program
- Assay Result

Mt Slopeway

- Site Recon visit completed
- Drilling program and drilling contractor engaged
- Site access and track clearing for Drilling program
- Site drilling program
- Assay Result
- Scoping Study Start

Patterson Province

- Desktop study and digitising of historical data
- Reprocessing and interpretation of geophysical surveys
- Target Drilling program development
- Surface mapping & rock Chip Sampling



Why Invest in Firetail Resources?



Strategic EV Metal Projects



Proven Board & Management team



Existing granted project portfolio
across Li, Ni, Cu, Au, Mn and Co



Significant upside potential identified for substantial Li,
Cu and Ni resources in proven geological domains



Advanced exploration projects with high priority targets
defined



Quality shareholders



Contact

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