



Battery Metal Focused Exploration Company

Investor Presentation
Gold Coast Investment Showcase

ASX: **FTL**



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Compliance Statement

With reference to previously reported Exploration results and mineral resources, the company confirms that it is not aware of any new information or data that materially affects the information included in the Prospectus dated 25 February 2022 and, in the case of estimates of Mineral Resources or Ore Reserves that all material assumptions and technical parameters underpinning the estimates in the Prospectus dated 25 February 2022 continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the Prospectus dated 25 February 2022.

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

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 commenced and moving toward resource drilling

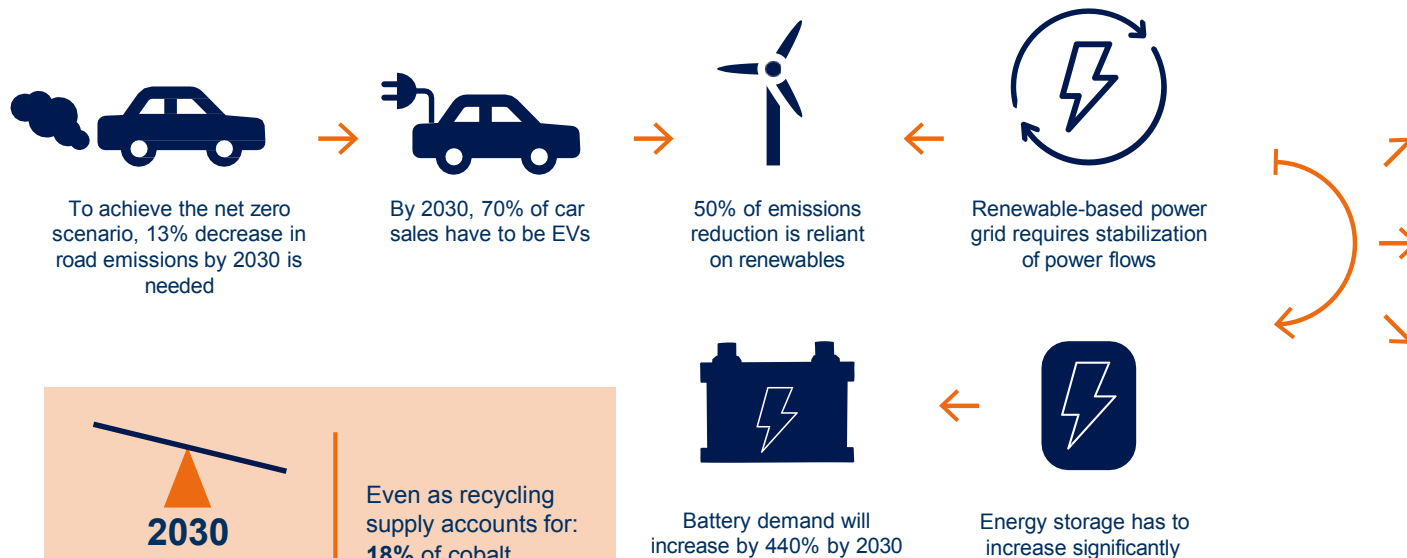


Quality shareholders Top 20 with long-term exploration focus

Structural Support for Battery Metals

“Battery demand is not cyclical, rather it is structurally underpinned by strong policy incentives and rapid EV market momentum”

Battery Metals in the Green Transition



2030

32% Cobalt in deficit
22% Nickel in deficit
13% Lithium in deficit

Even as recycling supply accounts for:
18% of cobalt
15% of lithium & 7% of nickel demand by 2030

²⁷Co Cobalt

+376%

increase in green demand in 2030

... even as intensity of use halves

\$

95% is produced as a by-product of copper and nickel

67% of cobalt mine supply comes from DRC

²⁸Ni Nickel



Changes in chemistry mix are slow moving



95% of EV batteries are nickel based in the US & EU (45% of global Battery sales)



Green Demand projected to rise **+418% between 2020 and 2025**



50% of nickel supply is currently coal fuelled

³Li Lithium

2020 **13kt LCE** → 2022 **71kt LCE** → 2025 **233kt LCE**

An increment in China's lepidolite projects is raising supply



7 fold increase in green demand



~50% Of lithium brine production located in water scarce countries

CAPITAL STRUCTURE

FTL

ASX Code

\$8.3M

Cash post raise and listed shares

\$21.2M

Market Cap

Share price \$0.275 20 June 2022

77.0m

Total Shares

7.0M

Options - \$0.30 strike

\$12.9m

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:

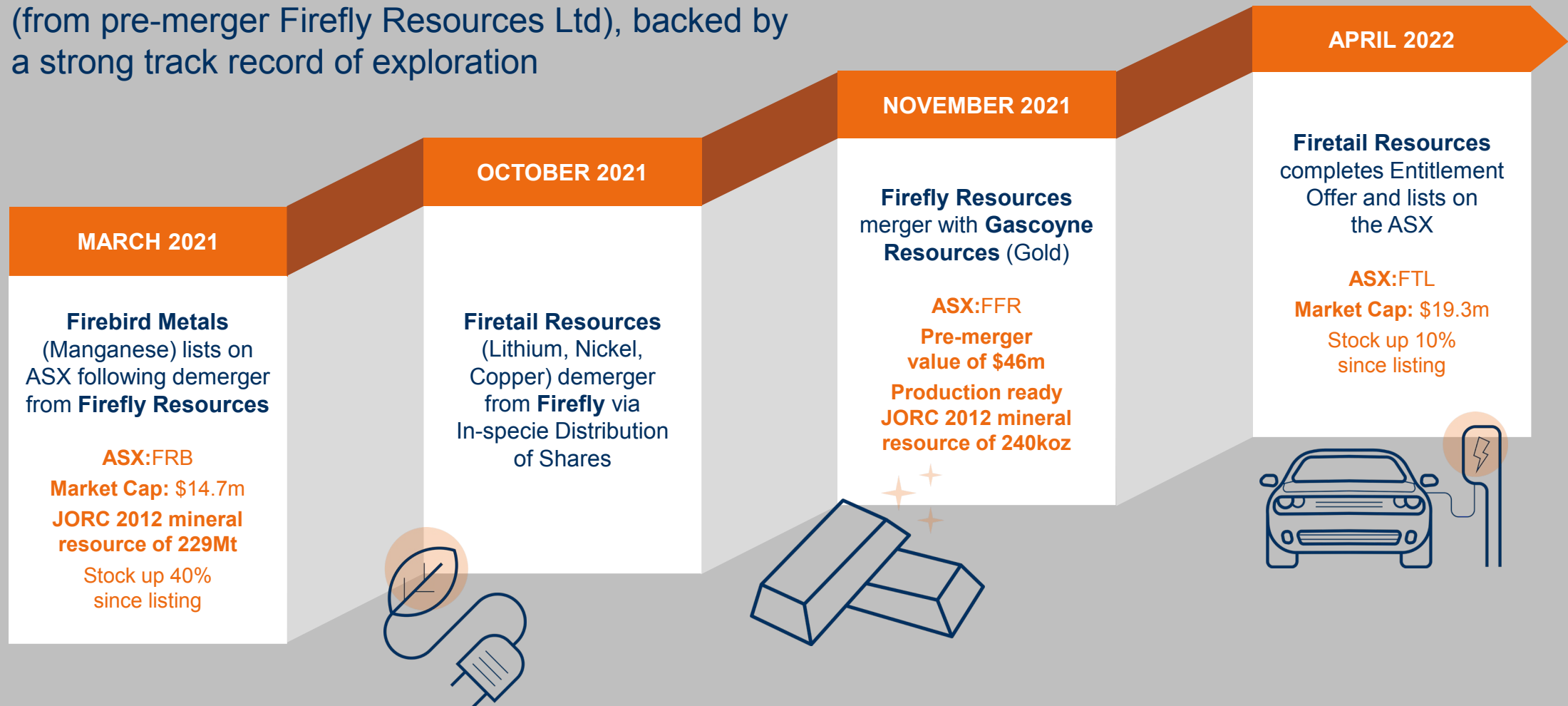
67.7%

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.

Strong Company Pedigree

The Board and shareholder base has a solid history of unlocking value by monetising non-core assets (from pre-merger Firefly Resources Ltd), backed by a strong track record of exploration



Directors & Key Management Team

Board

Brett Grosvenor Executive Chair

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.

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.

Simon Lawson Non-Executive Director

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.

Steve Brockhurst Non-Executive Director

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.

Frank Bierlein Non-Executive Director

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.

Management

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

Leon is an Exploration Geologist with 40 years industry experience. He 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 the Paterson Orogen and Yalgoo-Dalgaranga project areas.

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.

Project Portfolio

LITHIUM

Yalgoo – Dalgara
Forrestania Investment

NICKEL

Mt Slopeaway

COPPER

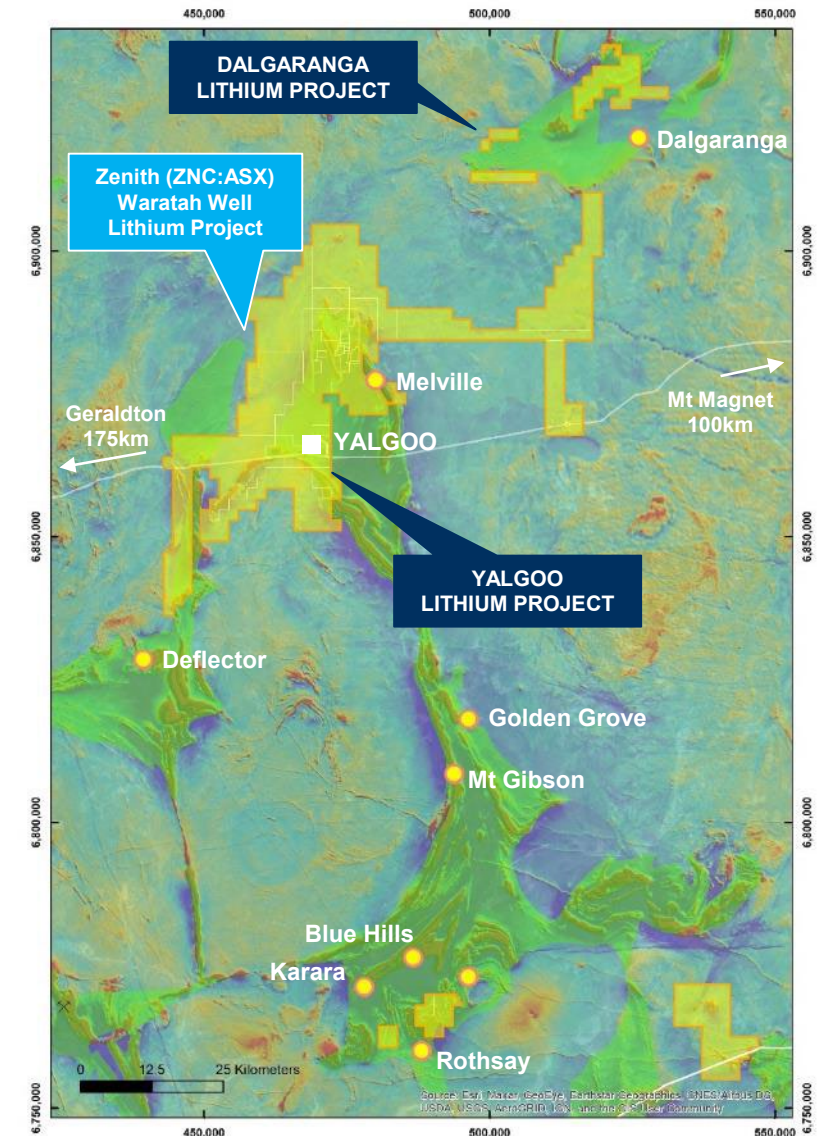
Paterson

GOLD - LITHIUM

Forrestania Investment
Paterson



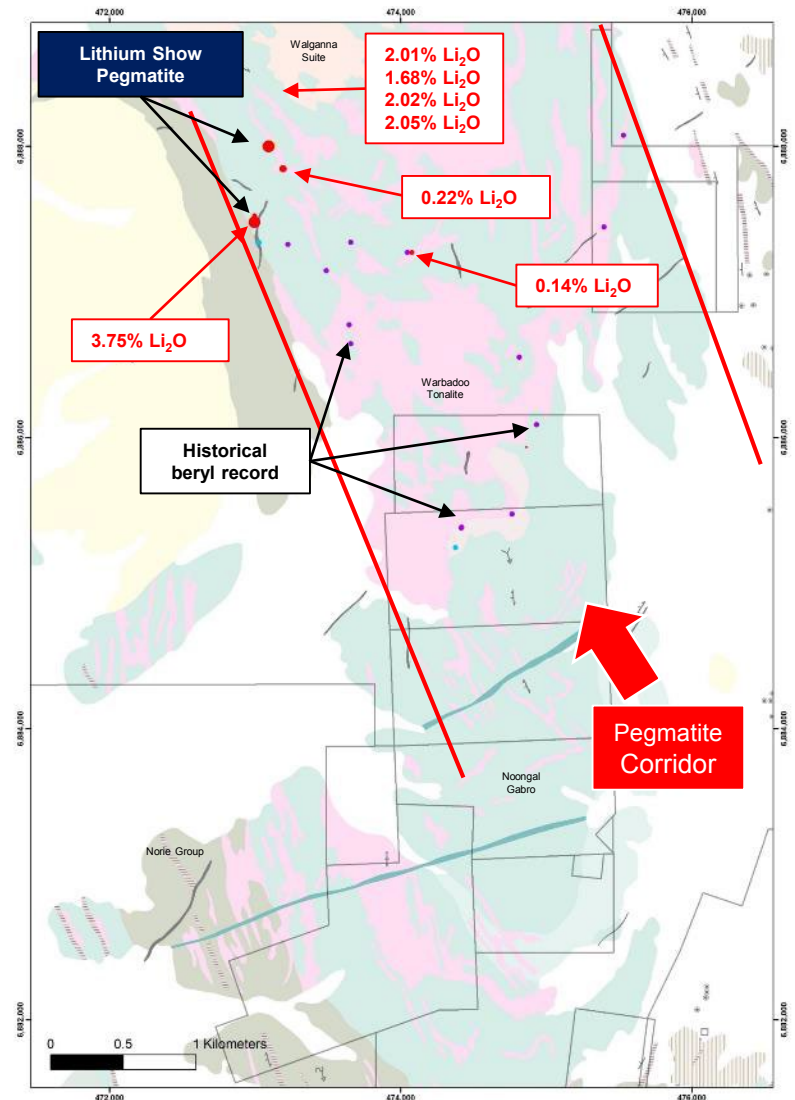
- 14 granted concessions covering over 1750km² in area
- Drill ready and highly prospective for Li-Cs-Ta (LCT) type pegmatite deposits
- GSWA's Mindex records confirm previously identified lithium (Li), tantalum (Ta), tin (Sn), beryllium (Be) and rubidium (Rb) occurrences within the boundary of the tenements
- Grab rock samples at historical prospect, Lithium 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

Historical results are encouraging:

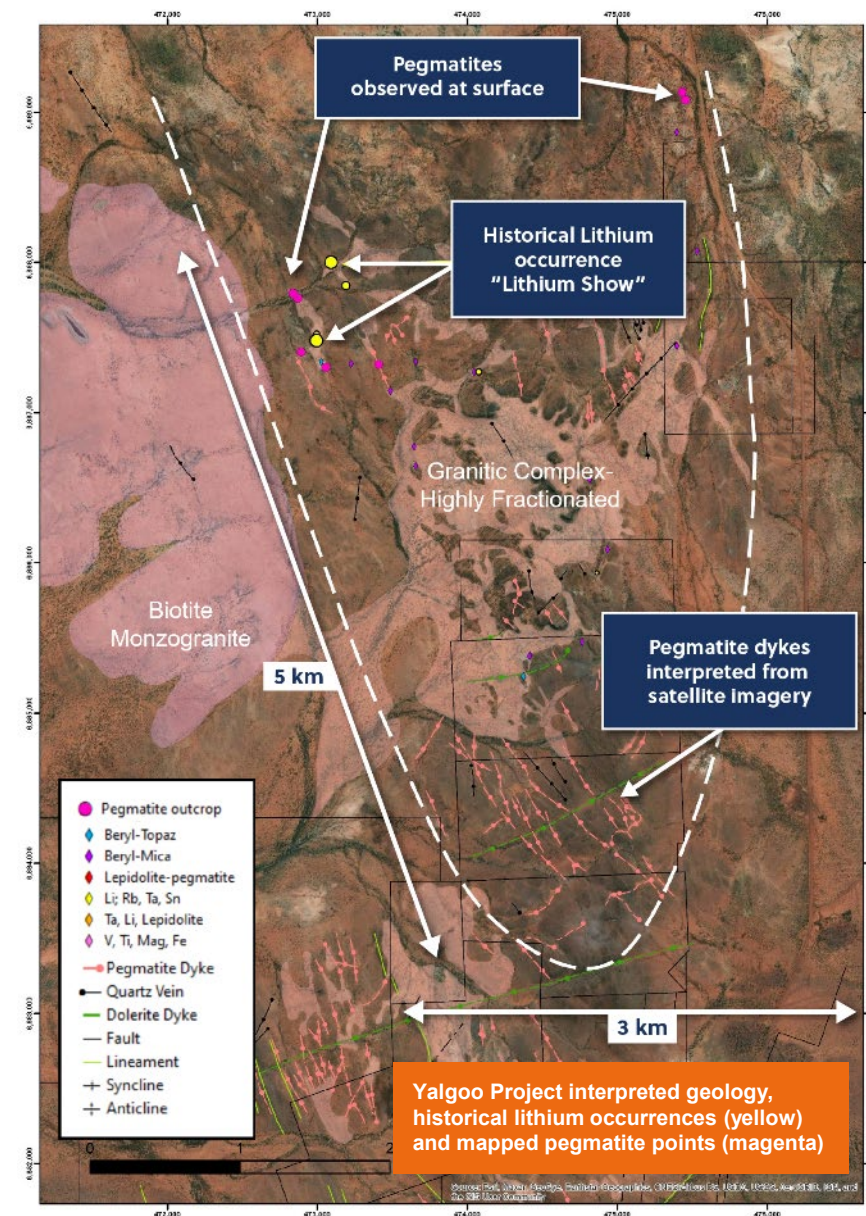
- High-grade rock chip samples include:
 - YRC008: 3.75% Li₂O
 - YRC003: 2.05% Li₂O
 - YRC004: 2.01% Li₂O
 - YRC005: 2.02% Li₂O
 - YRC006: 1.68% Li₂O
- Historical drilling intersected pegmatites up to 27m thick – never sampled for lithium
- Potential mineralised corridor of 1.5km wide x 5km strike, within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



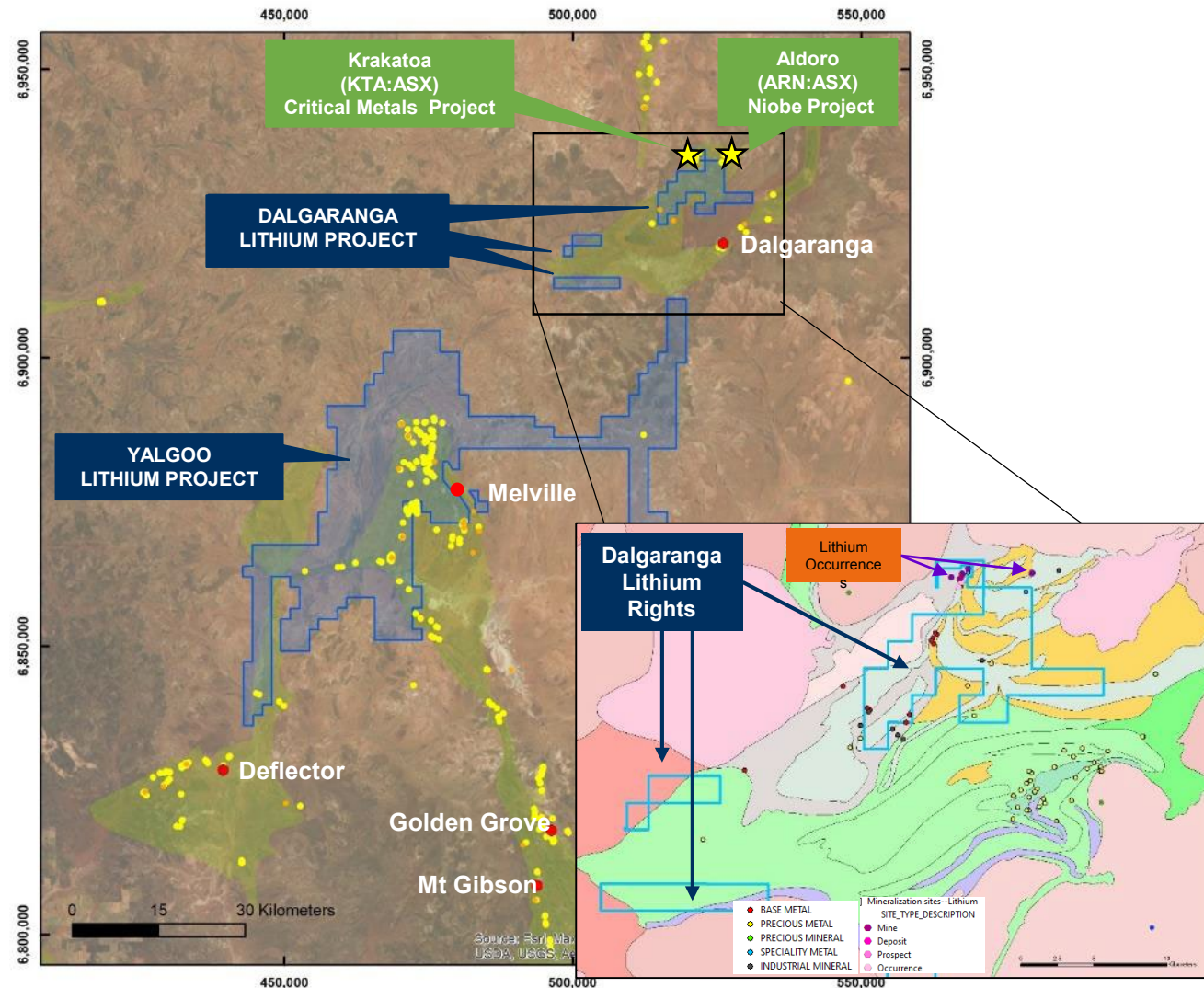
Yalgoo Project displaying geology, rock chip samples and mapping observations from WAMEX data

Reconnaissance site trip completed in April 2022 with high priority target areas identified¹

- Encouraging geological observations taken from multiple pegmatite dyke swarms which outcrop over an extensive area of the project
- Historical lithium prospects show pegmatite occurrences that are strike extensive and in some instances can be identified at surface over several hundred metres
- Surface litho-structural mapping and auger geochemical sampling programs set to commence at Yalgoo Lithium Project in early June 2022



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

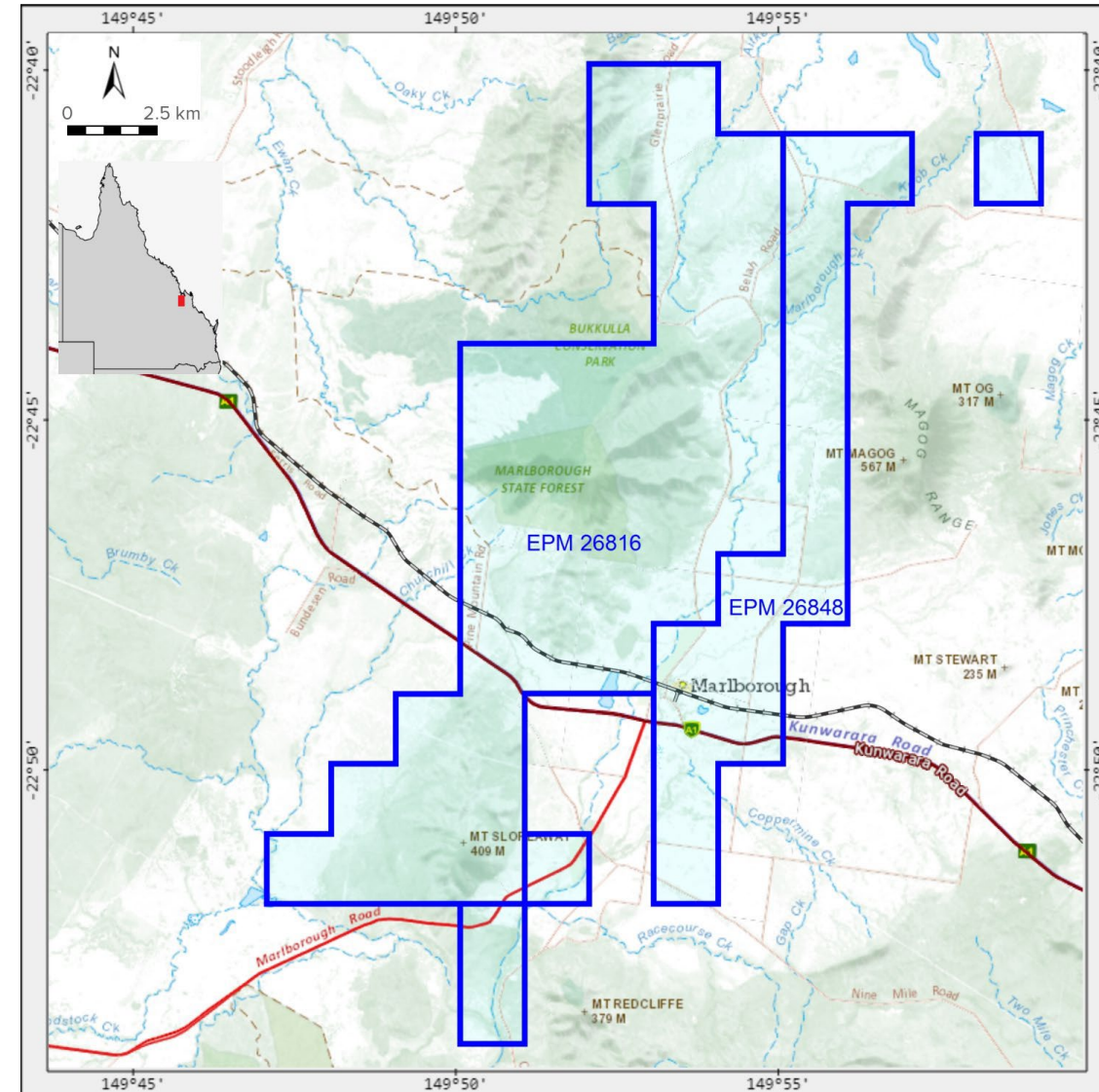


Yalgoo and Dalgaranga Project landholdings, regional geology, and mineral occurrences

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 Resource¹ 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 an area of 188.5km²;
- Firetail to investigate simple excavator – crush – screen – truck processing method
- Targeting Scoping Study commencement in Q4 2022



Mt Slopeaway Project Location, Marlborough, QLD

¹ Refer to Firetail prospectus for historical work on the Mt Slopeaway Project

Reconnaissance site visit completed in April, with drilling planned to commence in July 2022¹

- Preparation underway for first phase of reverse circulation (RC) drilling
- Environmental permitting and land access approvals being finalised
- Senior Exploration Geologist engaged to plan and implement drilling and other exploration work
- Region has significant potential as relatively underexplored by modern-day techniques and will assess potential project or land acquisitions for suitable fit

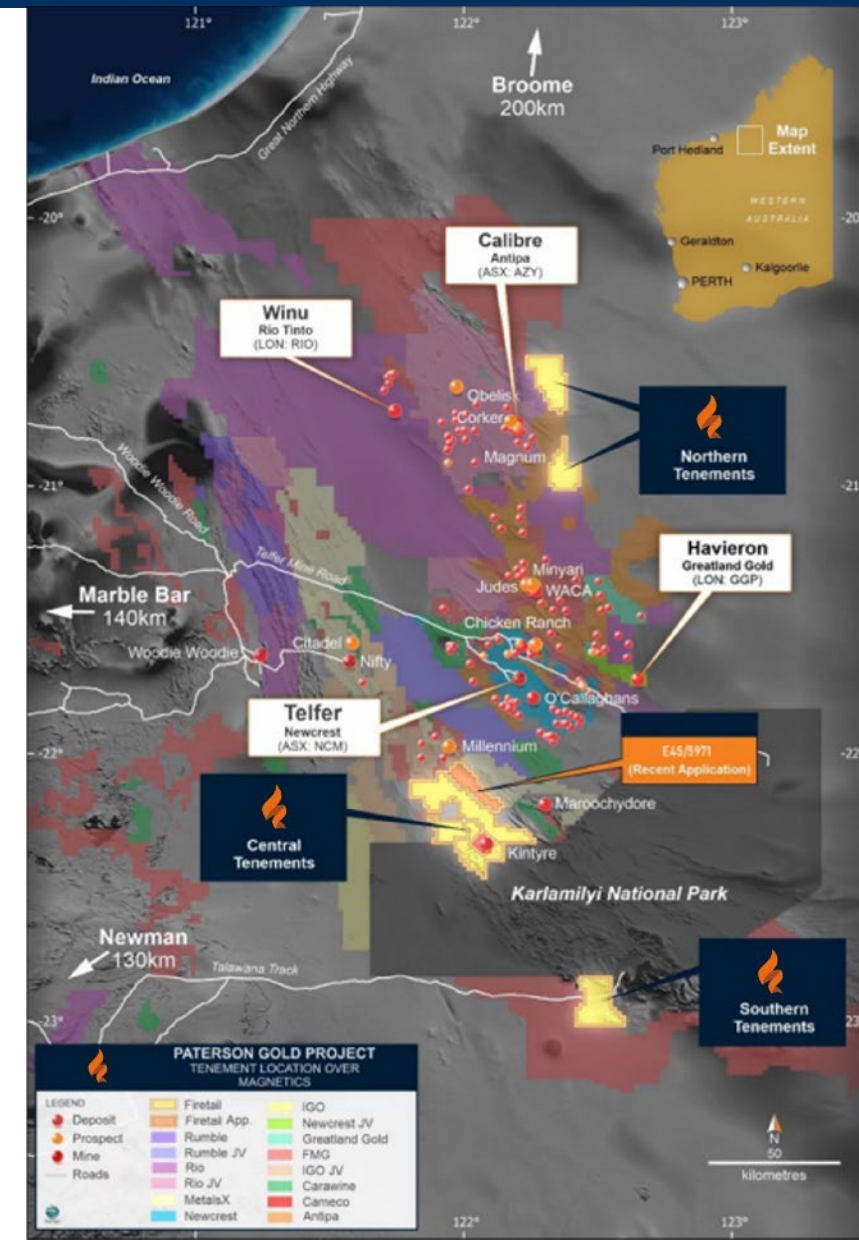


Mt Slopeaway Project:
Looking Northwest towards Mt Slopeaway Ni-Co resource area

¹ ASX Announcement 19 May 2022: Reconnaissance Site Visit

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 results¹ 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
- Project data compilation and desktop studies have revealed high priority areas prospective for Cu, Au, Mo, Pb, Zn and Li²
- Experienced Senior Exploration Geologist engaged to guide exploration efforts and define targets for the drilling program

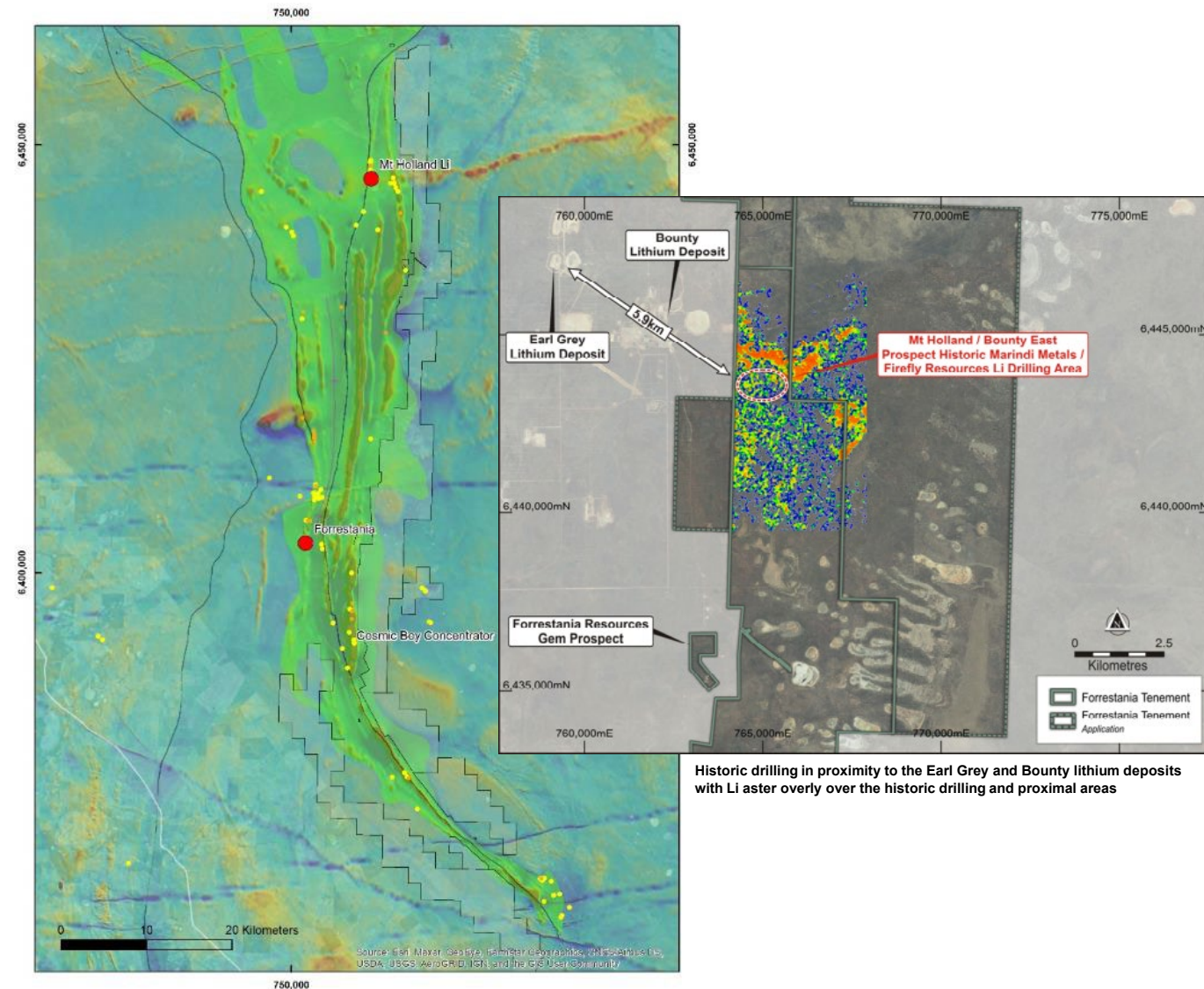


¹ Refer to Firetail Prospectus for further details on Paterson historical Cu-Au drilling results
² ASX Announcement 24 May 2022 – Paterson Copper-Gold Project Update

Forrestania Resources Investment (ASX: FRS)



- Firetail holds 6.25M shares (12%) of the current issued capital
- **Current value ~\$812,500** (FRS 20 June 22 share price)
- A milestone sum 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 is actively exploring their Forrestania leases for lithium potential as well as gold



Historic drilling in proximity to the Earl Grey and Bounty lithium deposits with Li aster overly over the historic drilling and proximal areas

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

Exploration Activities 2022

Yalgoo Operations

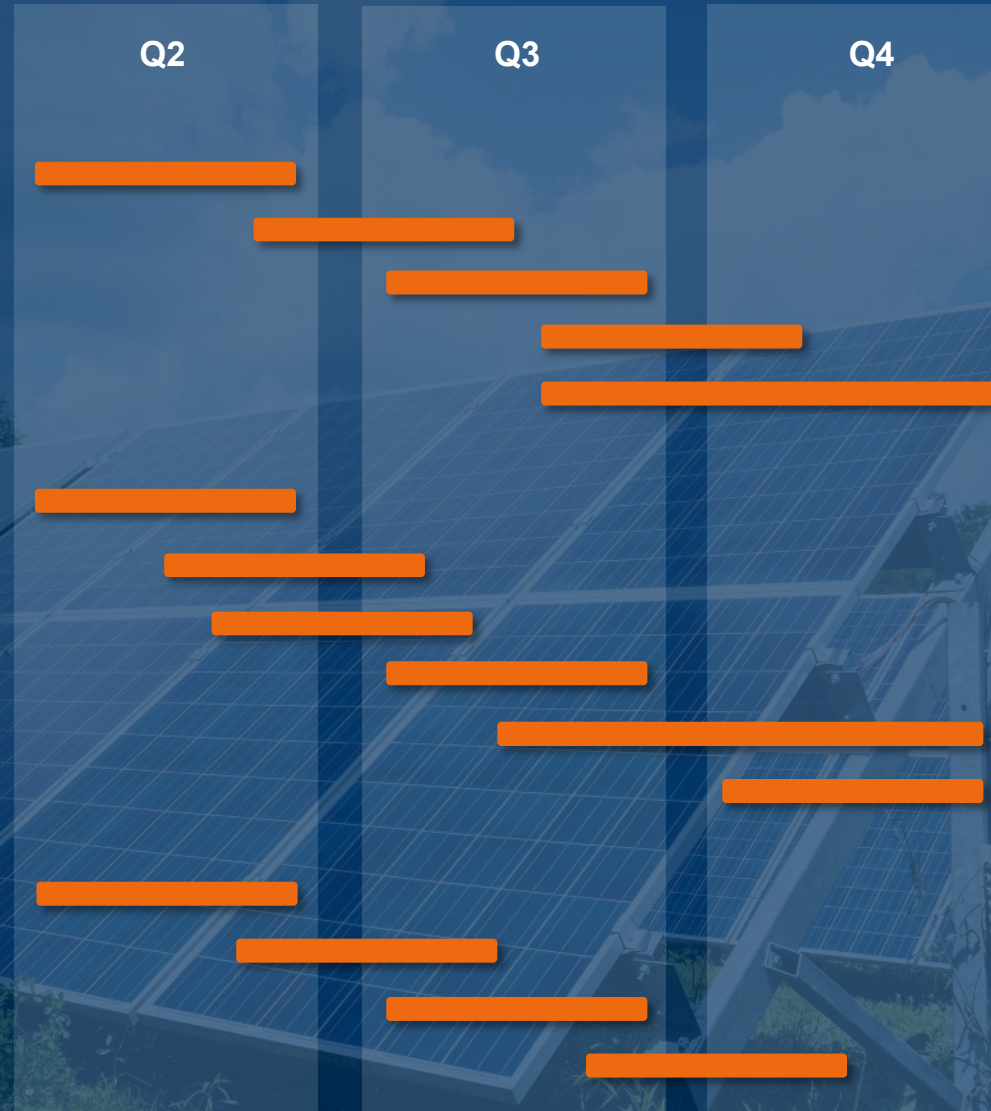
- Site Visit and confirmation of Geochemical and Auger Program
- Site Auger Program and Rock Chip sampling
- Finalise Drilling Program
- Drill Program
- Assay Result

Mt Slopeaway

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

Paterson 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 for substantial Li, Cu and Ni
resources in proven geological domains



Advanced exploration projects with high
priority targets defined



Quality shareholders



Contact

Brett Grosvenor
Executive Chairman

+61 (08) 9322 2338
info@firetailresources.com.au

