



Australia's Next Lithium Mine and an Exciting Discovery at Yinnetharra

Diggers & Dealers 2023

David Flanagan
Executive Chairman

8 August 2023

ASX: **DLI**

Disclaimer and Competent Persons Statement

Disclaimer

Summary Information Only

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The information in this Presentation that relates to:

1. exploration results are extracted from Delta's ASX announcements of:
 - a. 19 October 2022 and entitled "Maiden Lithium Mineral Resource Estimate at Mt Ida", and for which the consent of the Competent Person, Mr Matthew Boyes, was obtained;
 - b. 25 January 2023 entitled "Best intercept to date at Mt Ida Lithium Project", and for which the consent of the Competent Person, Mr Charles Hughes, was obtained;
 - c. 27 February 2023 entitled "Yinnetharra results confirm extensive near surface strike", and for which the consent of the Competent Person, Mr Charles Hughes, was obtained;
 - d. 3 April 2023 entitled "Scale of the Yinnetharra Project continues to grow", and for which the consent of the Competent Person, Mr Charles Hughes, was obtained;
 - e. 24 April 2023 entitled "NEW MT IDA DISCOVERY 90 METRES AT 0.95% Li₂O", and for which the consent of the Competent Person, Mr Charles Hughes, was obtained;
 - f. 8 May 2023 entitled "Further shallow thick high-grade Lithium from Yinnetharra", and for which the consent of the Competent Person, Mr Charles Hughes, was obtained; and
 - g. 8 August 2023 entitled "Drilling update for Mt Ida Lithium", and for which the consent of the Competent Person, Mr Charles Hughes, was obtained; and

1. mineral resource estimates are extracted from Delta's ASX announcement dated 19 October 2022 and entitled "Maiden Lithium Mineral Resource Estimate at Mt Ida", and for which the consents of the Competent Persons, Ms Justine Tracey and Mrs Christine Standing, were obtained,

and in each case Delta confirms that it is not aware of any new information or data that materially affects the information included in the market announcements and Delta confirms that all material assumptions and technical parameters underpinning the mineral resource estimates in the market announcements continue to apply and have not materially changed. Delta confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified.

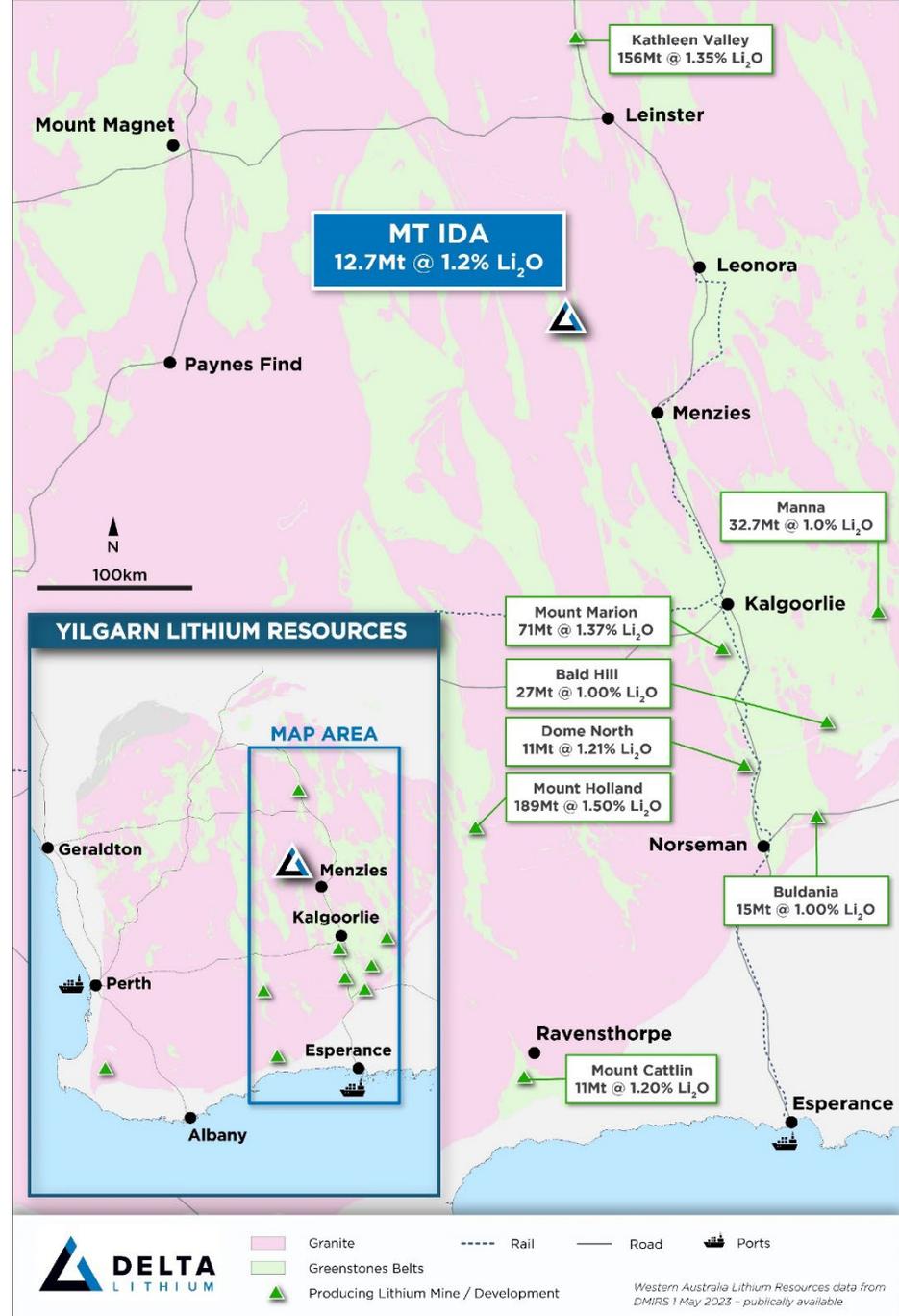
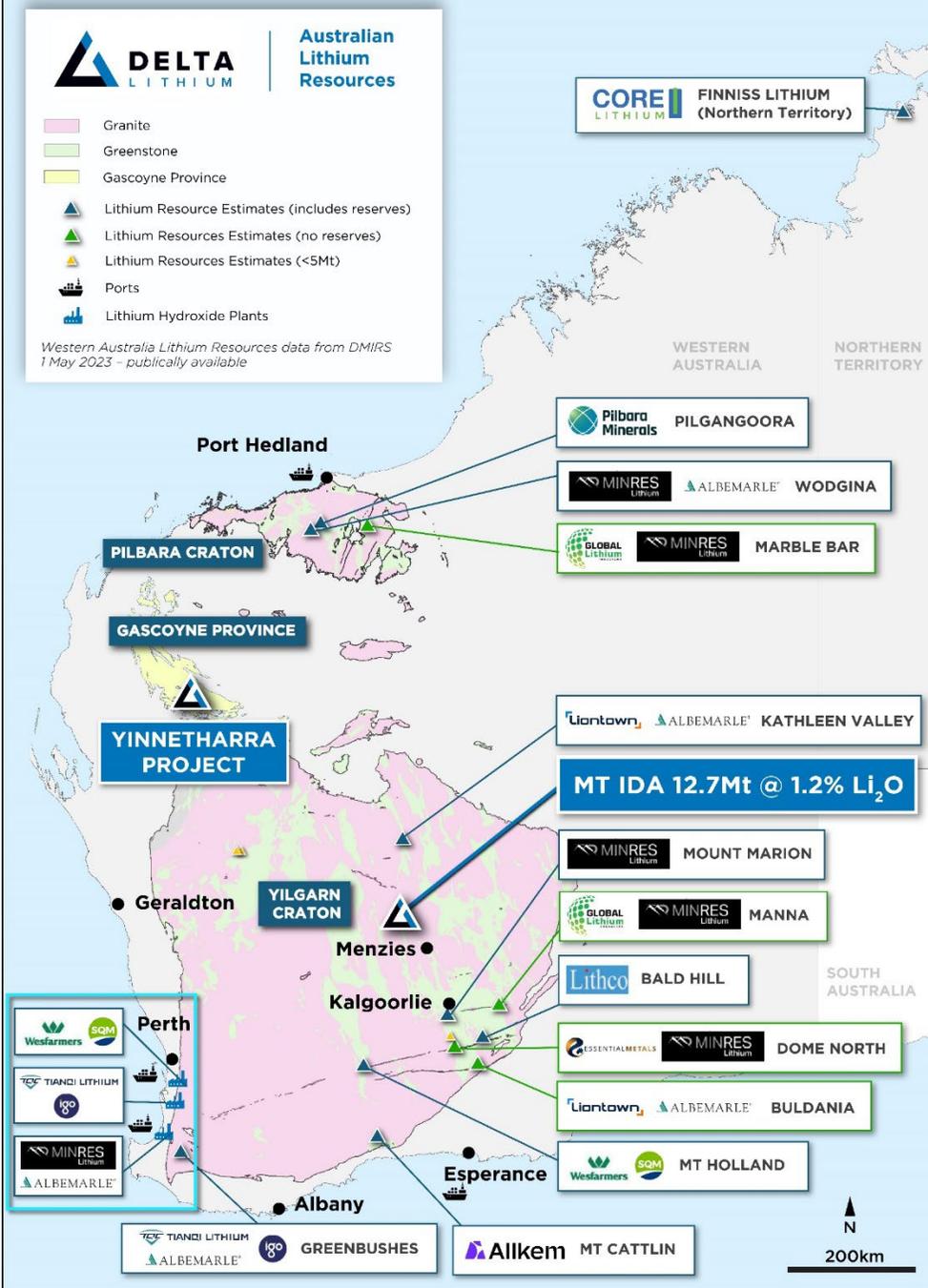
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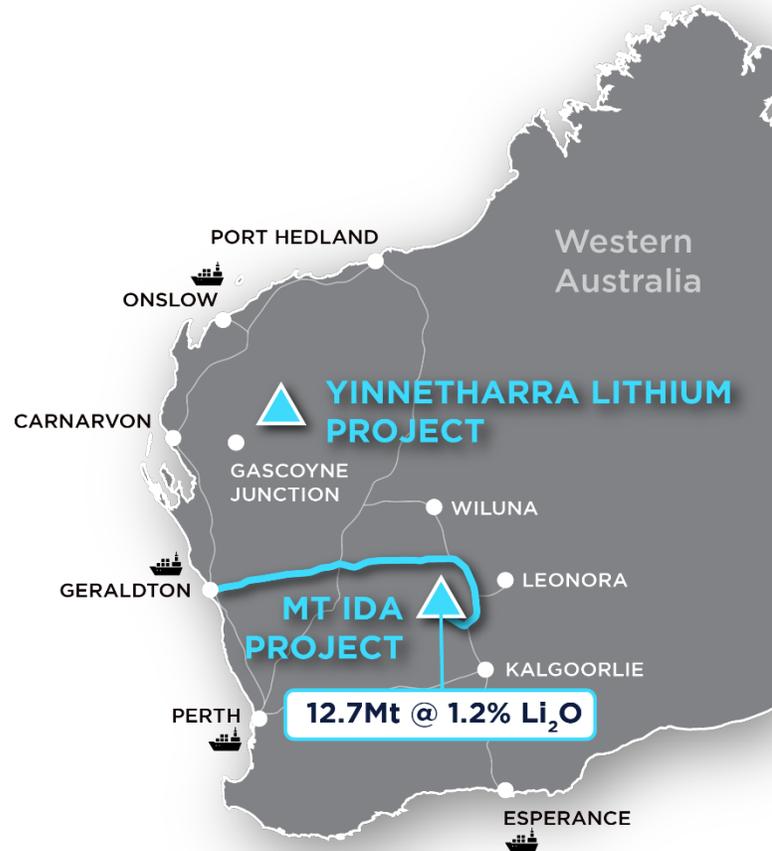
Authorised for release by Executive Chairman, David Flanagan.

WA Lithium Projects



Corporate Overview

Delta Lithium is focused on rapidly advancing the Mt Ida Lithium Project towards production, whilst conducting an aggressive exploration program at the highly prospective Yinnetharra Lithium Project.



Corporate Snapshot

Market Cap

\$446m (at \$0.855)

Cash

~\$84m at 30 June

Shares on Issue

521.8m

Options

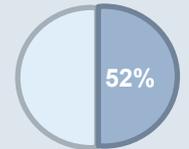
37.7m

Performance Rights

30.7m

Major Shareholders

Top 20



ABN: 67 107 244 039

ASX: **DLI**

deltalithium.com.au

(15% held by Idemitsu and 10.2% held by Warratah Capital Advisors plus Hancock Prospecting, Mineral Resources)

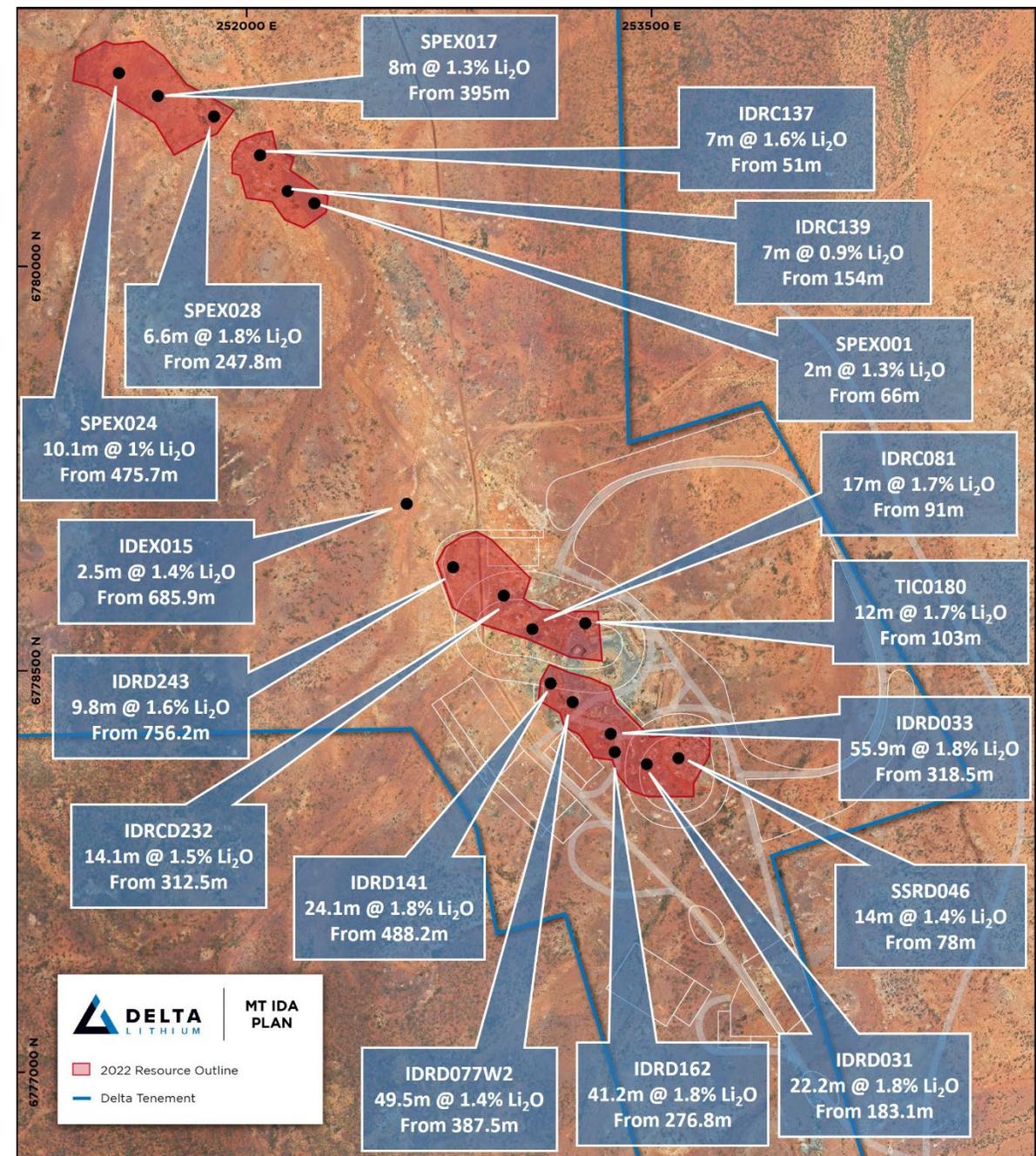
Mt Ida Lithium Project

Mining Q4 2023

Shipping Q4 2024

Mt Ida Lithium Project

- On track to start digging
- Drilling completed
- 1123 holes
- 206,113 metres
- Focused on infill drilling existing resource
- Water, Geotech, sterilisation, incremental growth
- 11,000 kg of met samples
- Measured indicated update due end of Sept 2023
- Mining proposal submitted March
- Expected approval to mine 2H 2023

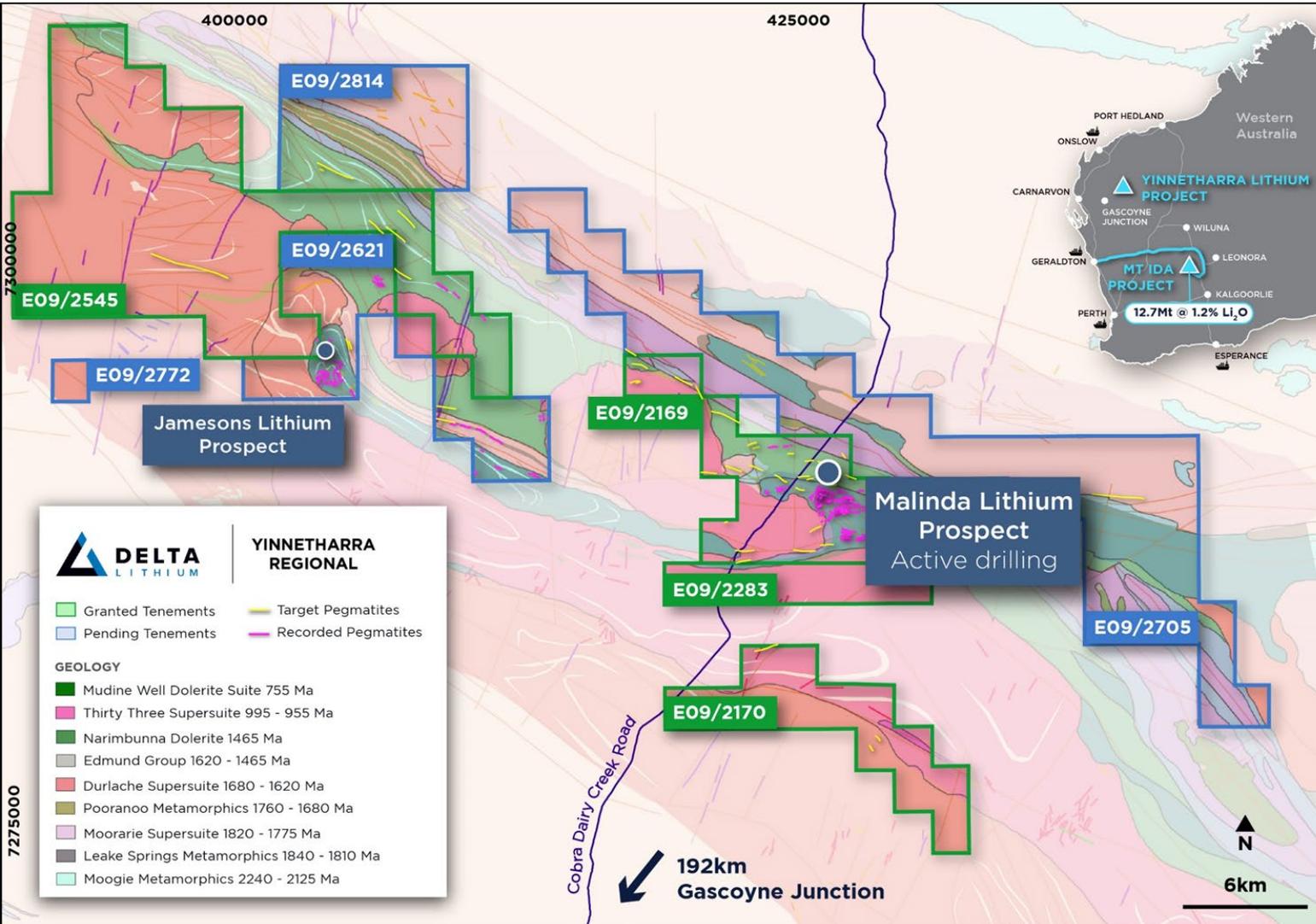


Yinnetharra Lithium Project

big and very good

Yinnetharra Lithium Project - Overview

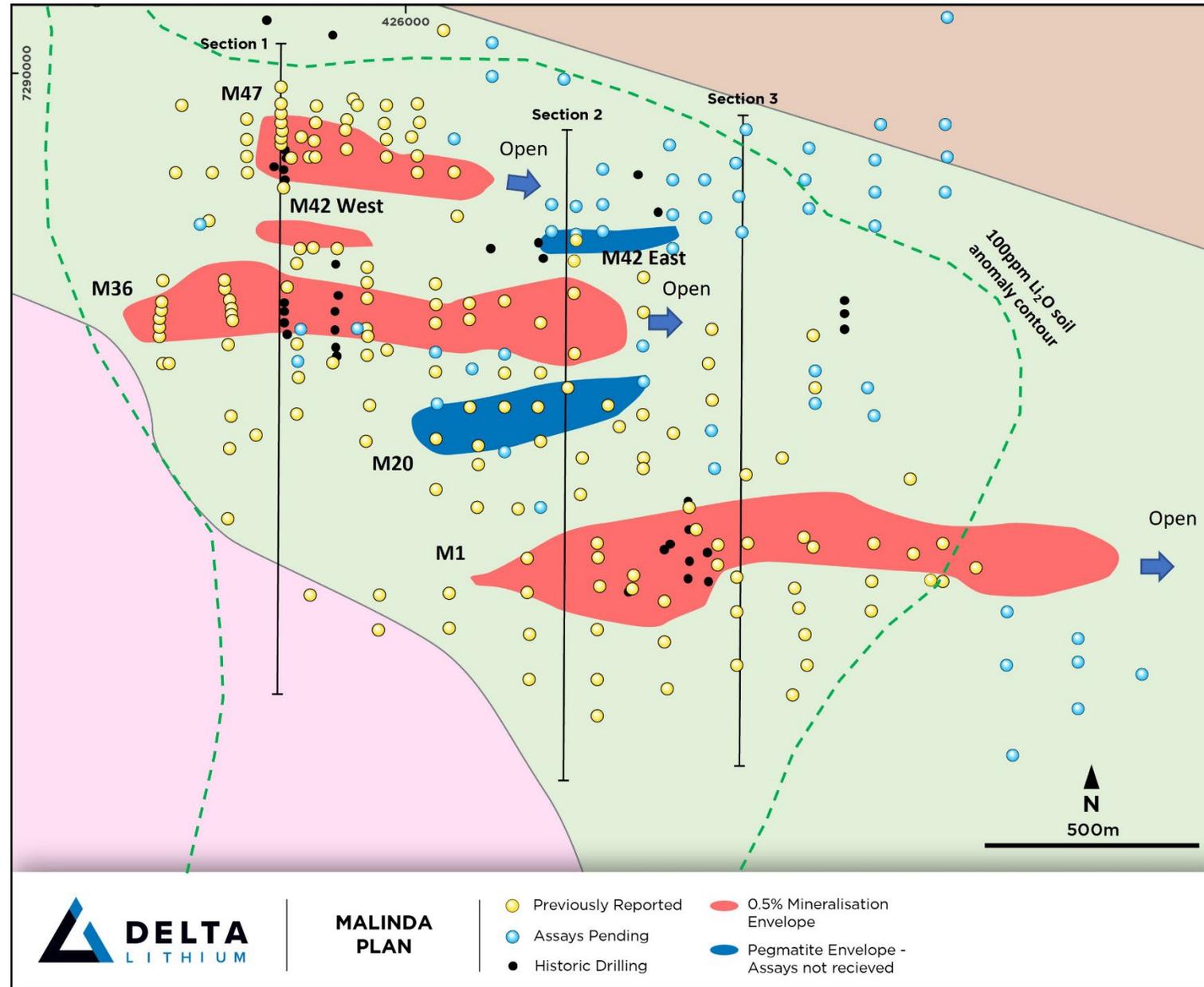
- 575km²
- Substantial commitment to drilling
- Completed 285 holes and 67,704 metres
- 2023 target 90,000 metres and over 400 drill holes
- Next - Malinda infill
- Jamesons – targeting first drilling Q1 2024



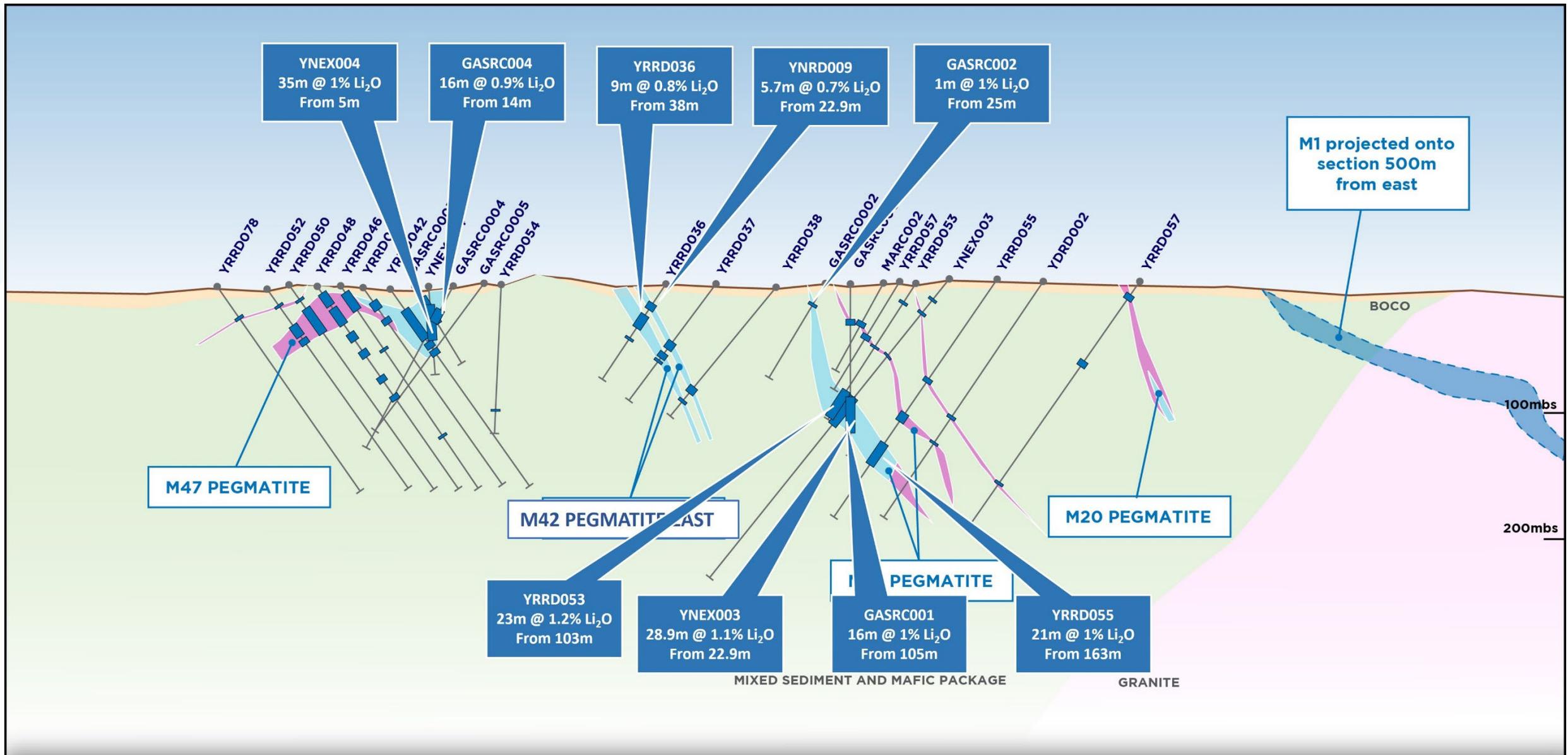
Yinnetharra Lithium Project

- Malinda Prospect

- Six well defined pegmatites at Malinda
- Mineralisation is present from surface to a depth of at least 350 m
- Two of these pegmatites have consistent mineralisation over 1.6km and open
- Exciting early shallow and wide initial intercepts into **M47** pegmatite¹:
 - **YNRD082**: 43m @ 1.22% Li₂O from 66m
 - **YNEX004**: 35.2m @ 1.00% Li₂O from 5m
 - **YNEX003**: 28.9m @ 1.11% Li₂O from 121m
- High grade thick intercepts from M36 pegmatite
 - **YRRD118**: 33m @ 1.9% Li₂O from 218m
 - **YRRD114**: 19m @ 1.6% Li₂O from 190m
 - **YRRD120**: 29m @ 1.5% Li₂O from 205m
- Excellent intercepts from drilling so far into **M1** pegmatite¹;
 - **YNRD005**: 55.6m @ 1.12% Li₂O from 94m
 - **YNRD028**: 17m @ 1.12% Li₂O from 61m
 - **YRRD011**: 20m @ 1.29% Li₂O from 28m
- Drilling is ongoing with 4 rigs in action



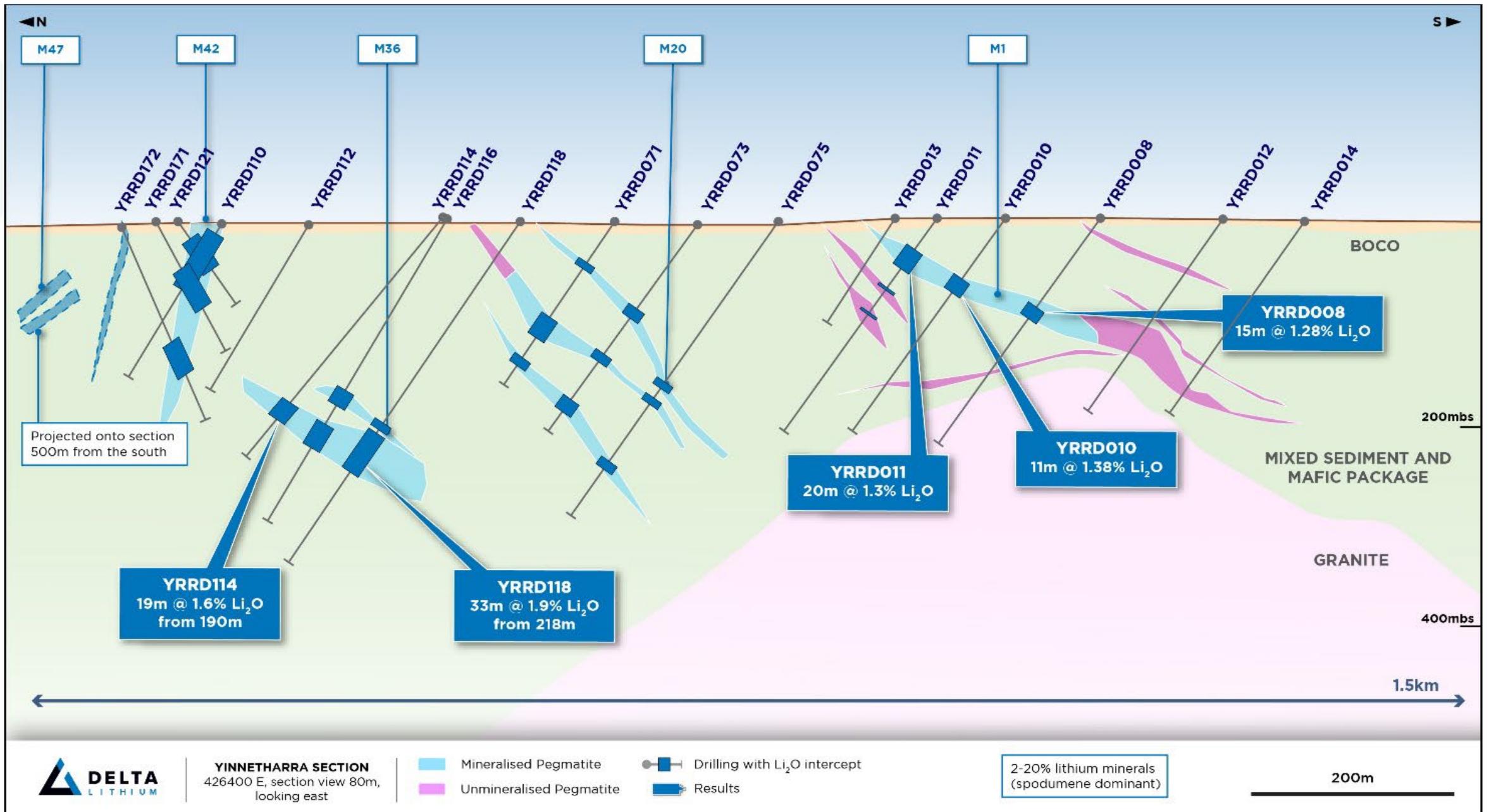
1. Refer to ASX announcements dated 27 February 2023, 3 April 2023 and 8 May 2023

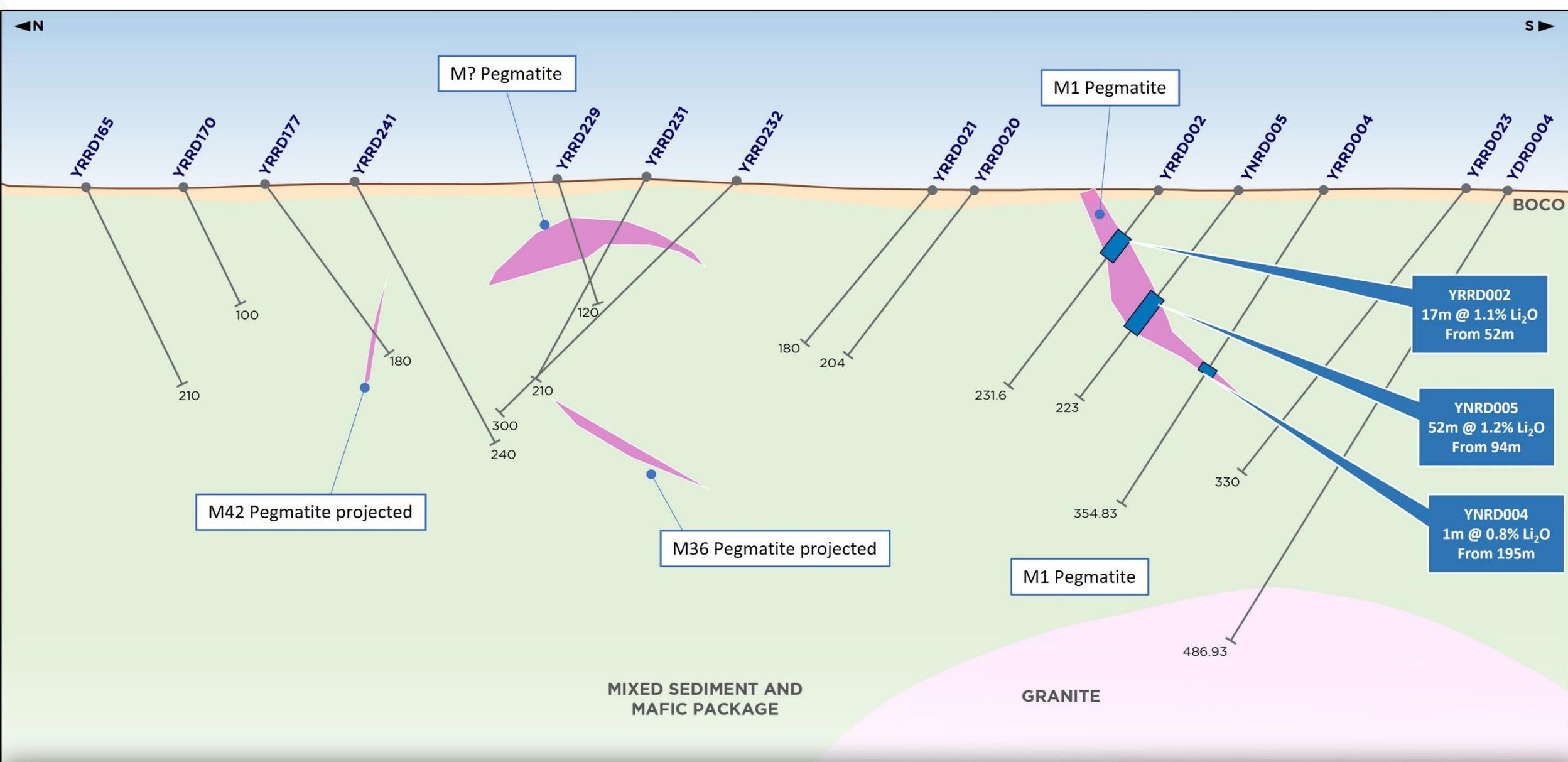


YINNETHARRA SECTION
426400 E, section view 80m, looking east

- Mineralised Pegmatite
- Unmineralised Pegmatite
- Drilling with Li₂O intercept
- Results

150m





M42 Pegmatite projected

M? Pegmatite

M36 Pegmatite projected

M1 Pegmatite

M1 Pegmatite

YRRD002
17m @ 1.1% Li₂O
From 52m

YNRD005
52m @ 1.2% Li₂O
From 94m

YNRD004
1m @ 0.8% Li₂O
From 195m



YINNETHARRA SECTION
426400 E, section view 80m,
looking east

- Pegmatite
- Results
- Drilling with Li₂O intercept

250m

Yinnetharra Lithium Project - Malinda Prospect

- Preliminary Metallurgical testwork underway for Yinnetharra.
- XRD on these met samples indicates spodumene is the only lithium species present.
- Coarse spodumene drilled at **YNRD005** from the **M1** pegmatite 124.74 – 133.85m 19.1m @ 1.80% Li₂O.

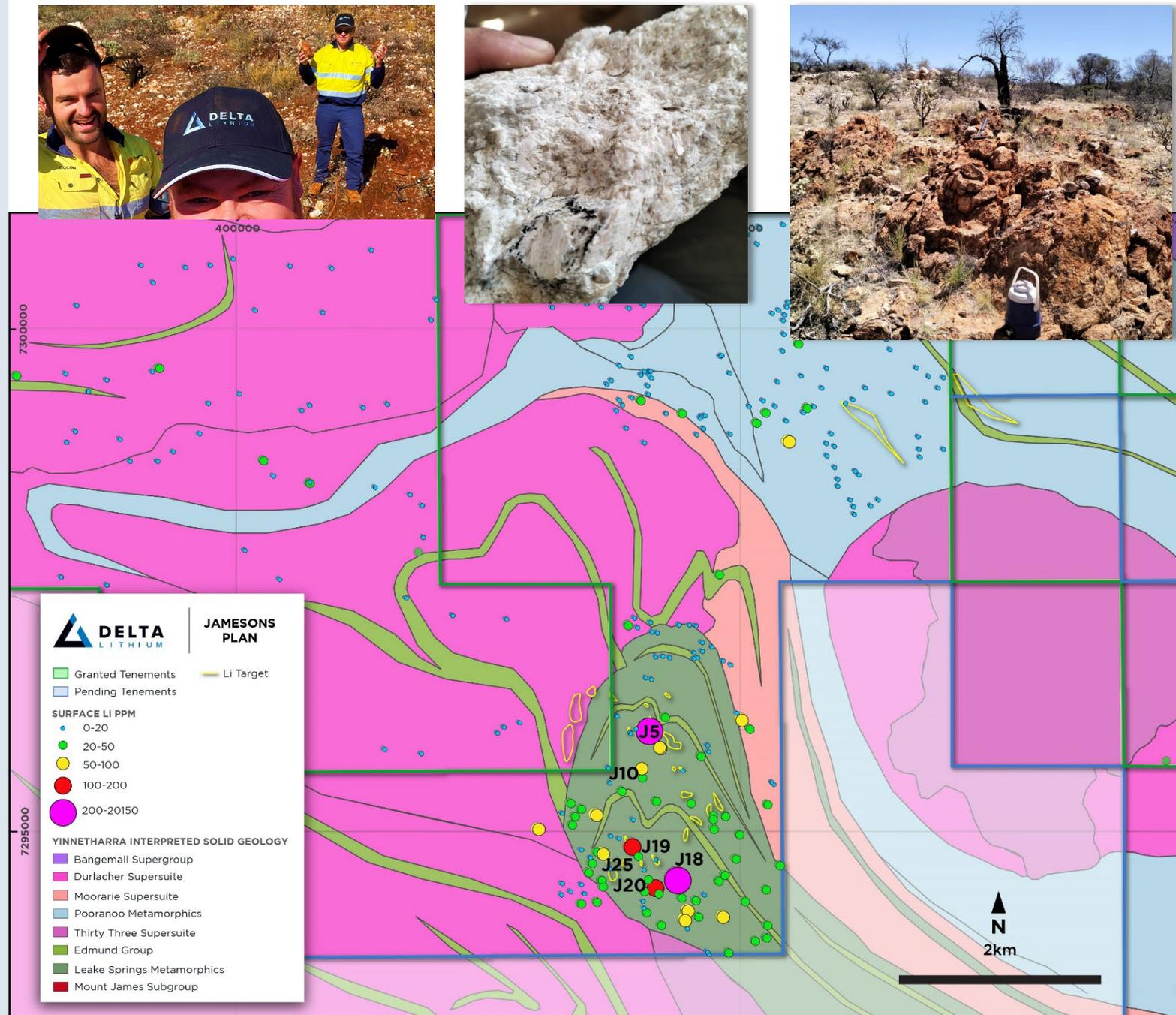
Refer to ASX announcement dated 20 January 2023 for further information.



Yinnetharra Lithium Project - Jamesons Prospect

- 20km to the west of the Malinda Prospect.
- Discovered as part of first pass regional mapping.
- More than 20 pegmatites mapped at the Jamesons Prospect with only very limited sampling completed to date.
- Assays received of the rockchip sample confirmed a result of 4.2% Li_2O and the lithium mineral is spodumene.¹
- Soil sampling and mapping are underway at the prospect.
- Emphasises the potential of the project!

¹. Refer to ASX announcement 14 April 2023.



Team

We just love mining..

Our People



Catalysts for Growth 2023

| Catalysts 2023 | | |
|------------------------------|-------------------------------------------------|-------------------------------------|
| Mt Ida Drilling Results | Mt Ida mining Contract Award & Mining Start | Yinnetharra Drilling Results |
| Mt Ida Resource Update | Mt Ida Camp Construction Contract Award & build | Mt Ida Offtake Agreement |
| Mt Ida Scoping Study Results | Mt Ida Bypass Road Contract Award & Build | Water Infrastructure Contract Award |
| Mt Ida Mining Approval | Lithium Market - Upside | Major Drilling Programmes |

Catalysts for Growth 2024

| Catalysts 2024 | | |
|----------------------------|---------------------------------------|----------------------------------------|
| Mt Ida Drilling Results | Mt Ida Trucking Commences | Yinnetharra Mining Licence Application |
| Mt Ida PFS | Mt Ida potential Gold Sale | Yinnetharra Drilling Results |
| Mt Ida DFS | Yinnetharra Jamesons Drilling Results | Lithium Market Upside |
| Mt Ida First Ship (DSO Li) | Yinnetharra Scoping Study | Major Drilling Programmes |

Independent Verification

Our Business Partners



Rockwater

GREEN VALUES
— AUSTRALIA —



right solutions.
right partner.



propel.

Advisian
Worley Group

weatherzone^o
business
a DTN company



PRIMEERO



SALIENT CORPORATE



DUST UP PROJECTS

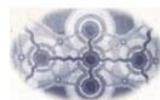


automated
mineralogy
incubator



SNOWDEN
Optiro

Making Life Easier
dynamics
G-Ex



A. L. CONSULTING



FRONTLINE
DRILLING

Integrität

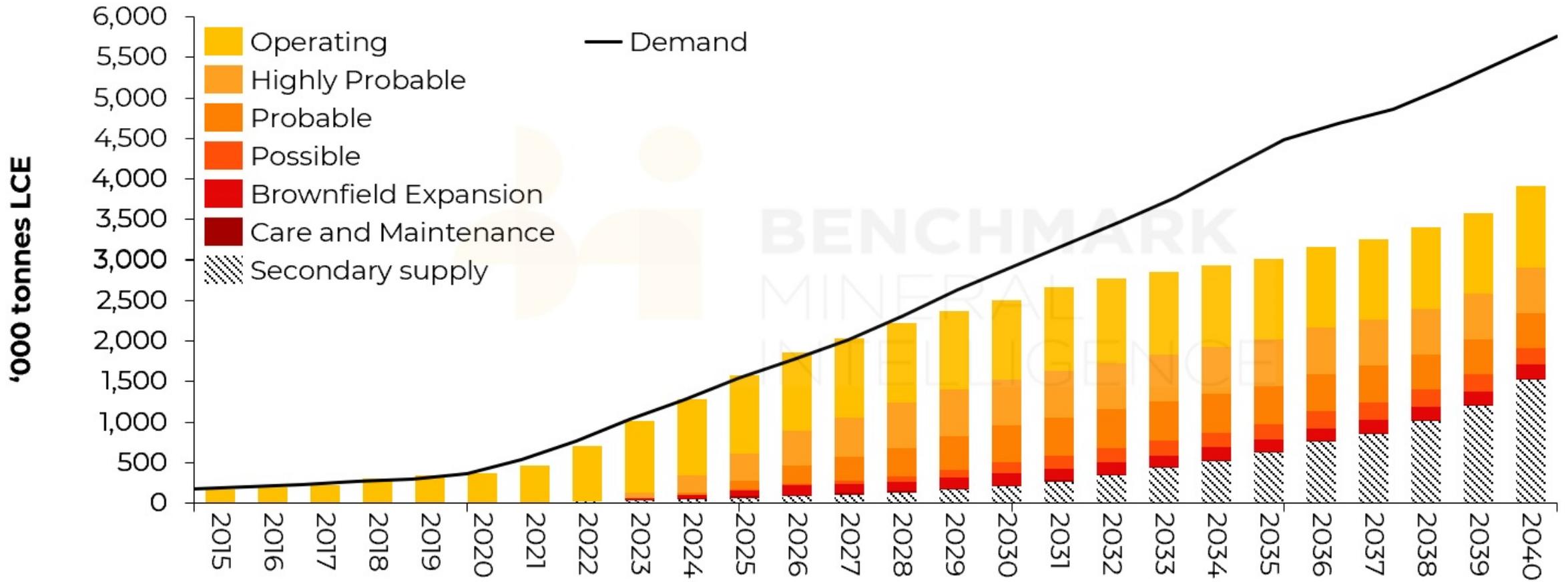


Summary

Five key pillars to the growth and success of Delta Lithium

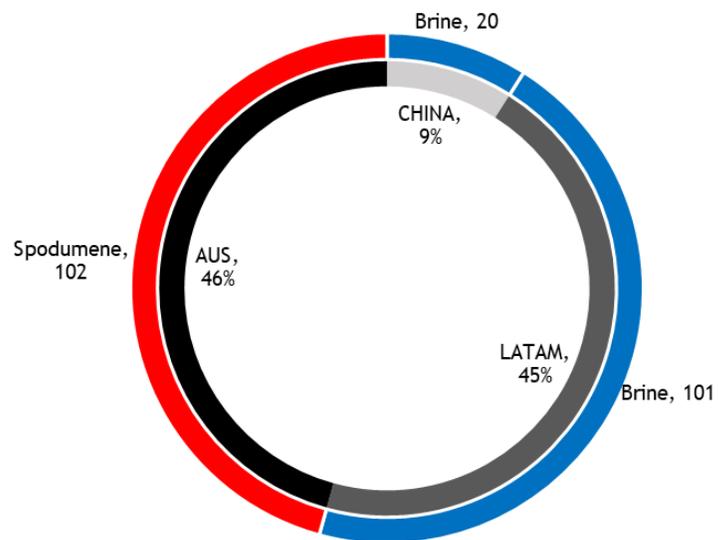
1. **Mt Ida – near term production – DSO optionality**
2. **Yinnetharra – It's Big**
3. **Team – It's awesome**
4. **Catalysts – going gangbusters**
5. **Independent verification – corridor, shareholders, partners**

Global Lithium Demand vs Feedstock Supply Forecast

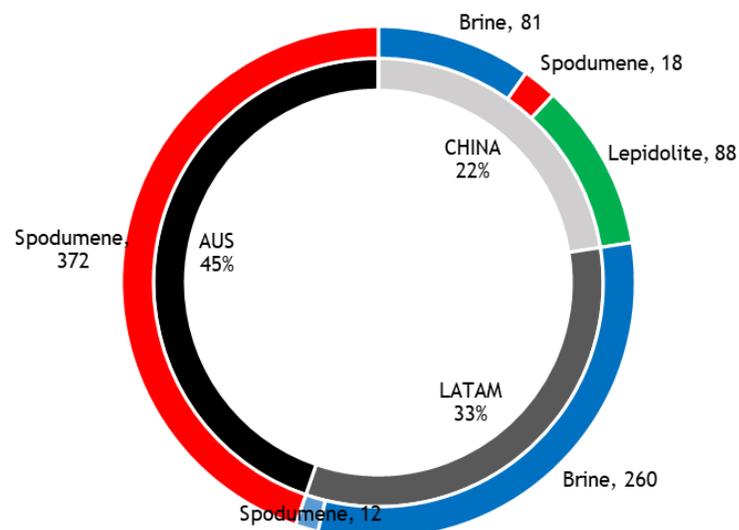


Geographic and raw material market shares - 2016, 2022, 2030

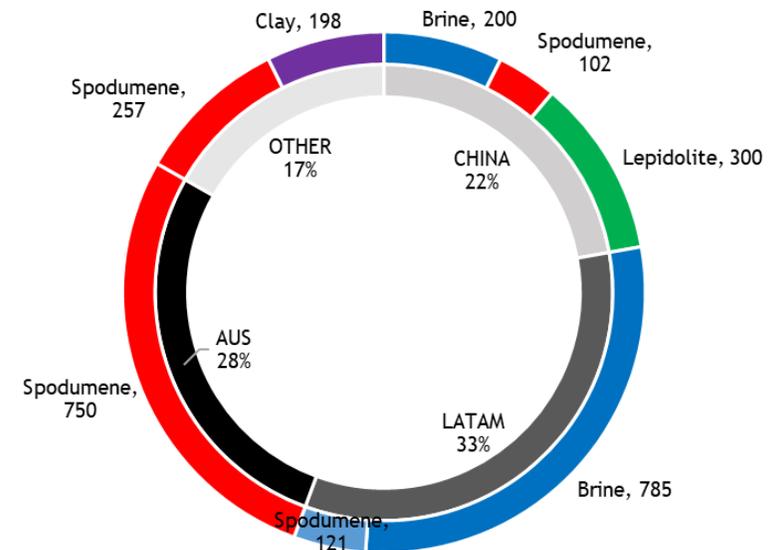
Geographic and Raw material ('000 LCE)
Market share (%) 2016



Geographic and Raw material ('000 LCE)
Market share (%) 2022



Geographic and Raw material ('000 LCE)
Market share (%) 2030



Source: UBS and internal analysis



Appendices – Mineral Resources

| Resource Category | Cut-off grade (Li ₂ O%) | Li ₂ O | | | Ta ₂ O ₅ |
|-------------------|------------------------------------|-------------------|----------------------------|------------------------|--------------------------------------------|
| | | Tonnes (Mt) | Grade (Li ₂ O%) | Li ₂ O (Kt) | Grade (Ta ₂ O ₅ ppm) |
| Indicated | 0.55 | 3.3 | 1.4 | 46 | 246 |
| Inferred | | 9.3 | 1.1 | 102 | 193 |
| Total | | 12.7 | 1.2 | 148 | 207 |

Refer ASX release titled "Mt Ida Maiden Lithium Resource 12.7Mt at 1.2% Li₂O, 19 October 2022.



Board of Directors

David Flanagan
James Croser
Tim Manners
Nader El Sayed
Steve Kovac

Executive Chairman
Non-Executive Director
Non-Executive Director
Non-Executive Director
Non-Executive Director

Key Management Personnel

Jeremy Sinclair
Daniel Taylor
Charles Hughes
Peter Gilford

Chief Operating Officer
Chief Marketing Officer
Chief Geologist
Chief Financial Officer and Company Secretary

