



Red Dirt
METALS

INVESTOR UPDATE

Investor Presentation August 2022
ASX:RDT

Disclaimer and Competent Persons Statement

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Competent Persons Statements

Exploration information in this Announcement is based upon work undertaken by Mr. Matthew Boyes who is a Fellow of the Australasian Institute of Mining and Metallurgy (AUSIMM). Mr. Boyes has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a 'Competent Person' as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code). Mr. Boyes is an employee of Red Dirt Metals Pty. Ltd. and consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

The information in this presentation that references previously reported exploration results is extracted from the Company's ASX market announcements released on the date noted in the body of the text where that reference appears, or above. The previous market announcements are available to view on the Company's website or on the ASX website (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 announcements.

Corporate Snapshot

Issued Capital

304.5M

Ordinary Shares

\$110M

Market Cap

At \$0.38 (26th July 2022)

\$20M

Cash

As at 30 June 2022

RDT Share price (\$) 1 Year



Board of Directors

Alex Hewlett
Chairman

Matthew Boyes
Managing Director

Gower He
Executive Director

James Croser
Non-Executive Director

Tim Manners
Non-Executive Director

Nader El Sayed
Non-Executive Director

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Company Secretary

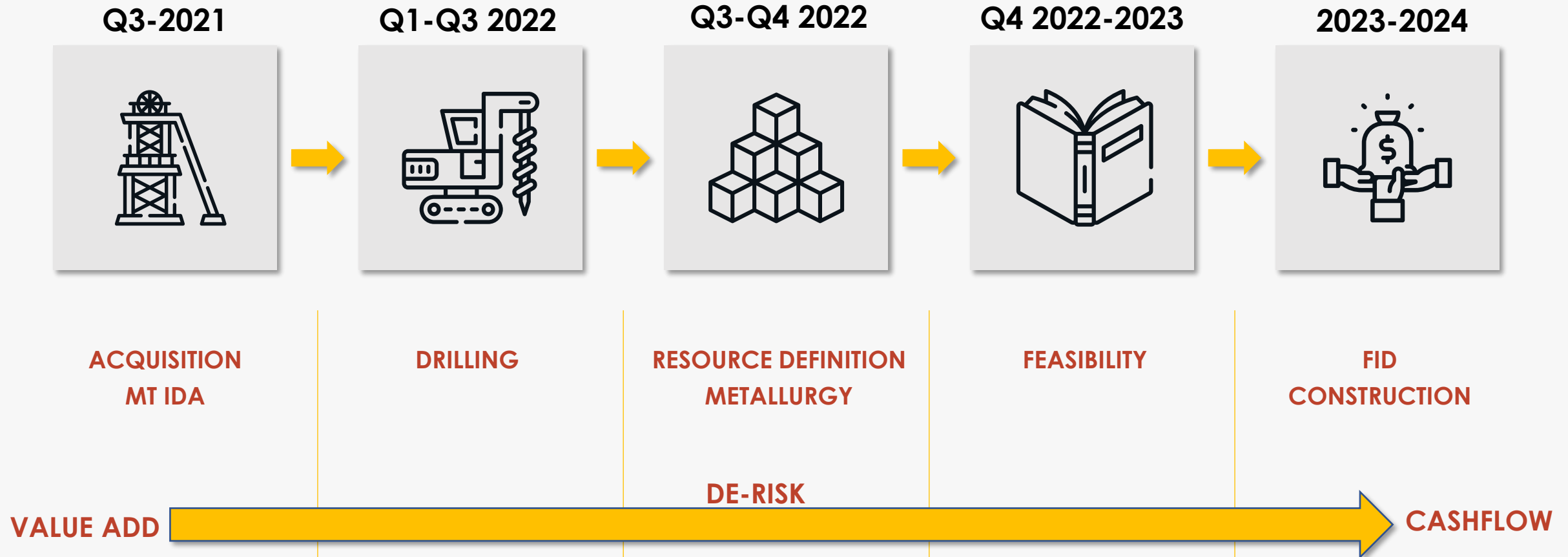
Steven Wood

Major Shareholders Top 5

Waratah Capital Advisors	7.87%
Ponderosa Investments Pty Ltd	5.45%
Ausbil Investment Management	4.92%
Merk Investments	3.72%
1832 Asset mgt (Dynamic Funds)	3.22%

#As at 1 July 2022

RDT Fast-track growth towards production



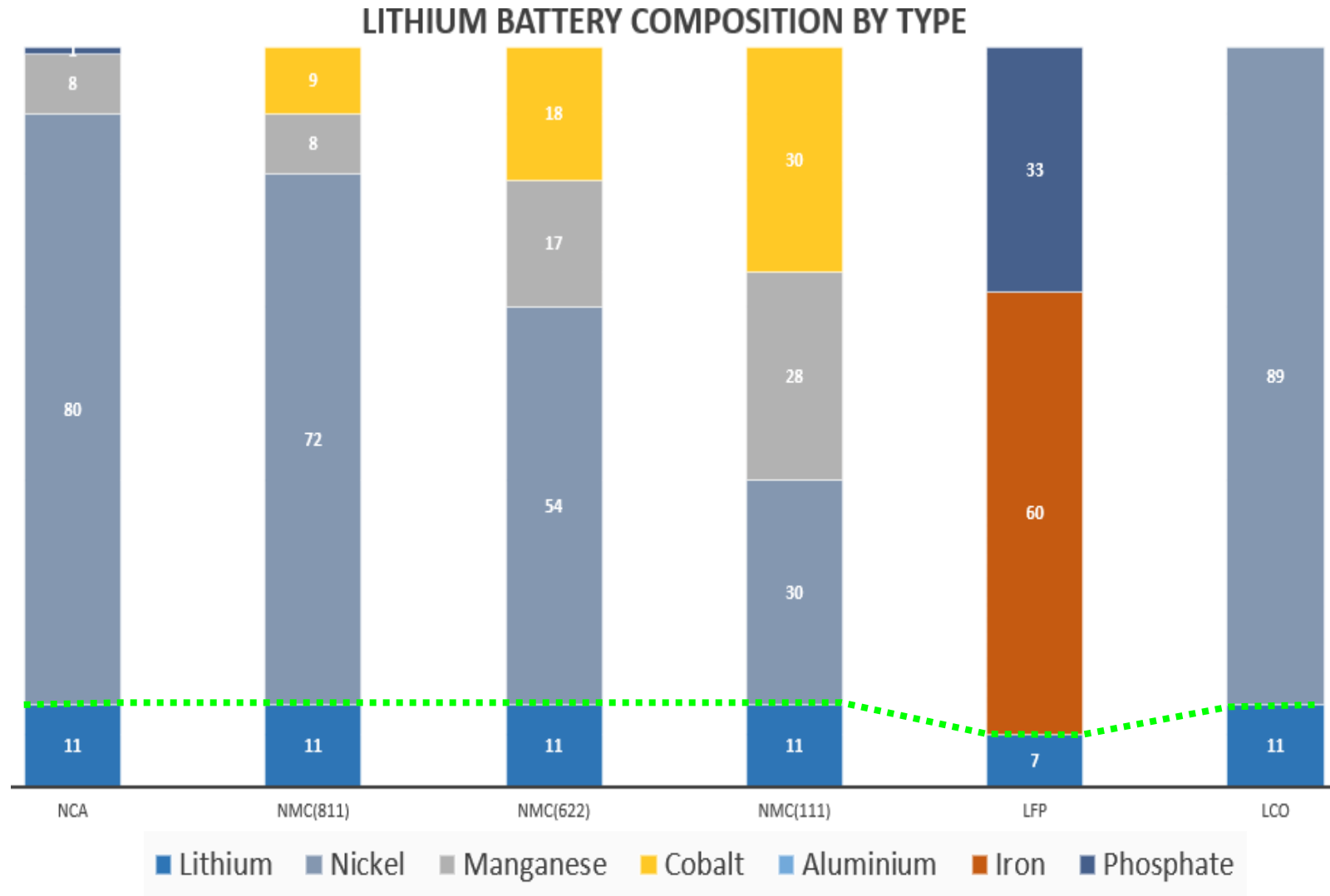
Lithium Market

Global Trend in Gigafactories



Source: Based on McKinsey Presentation Jun 2022

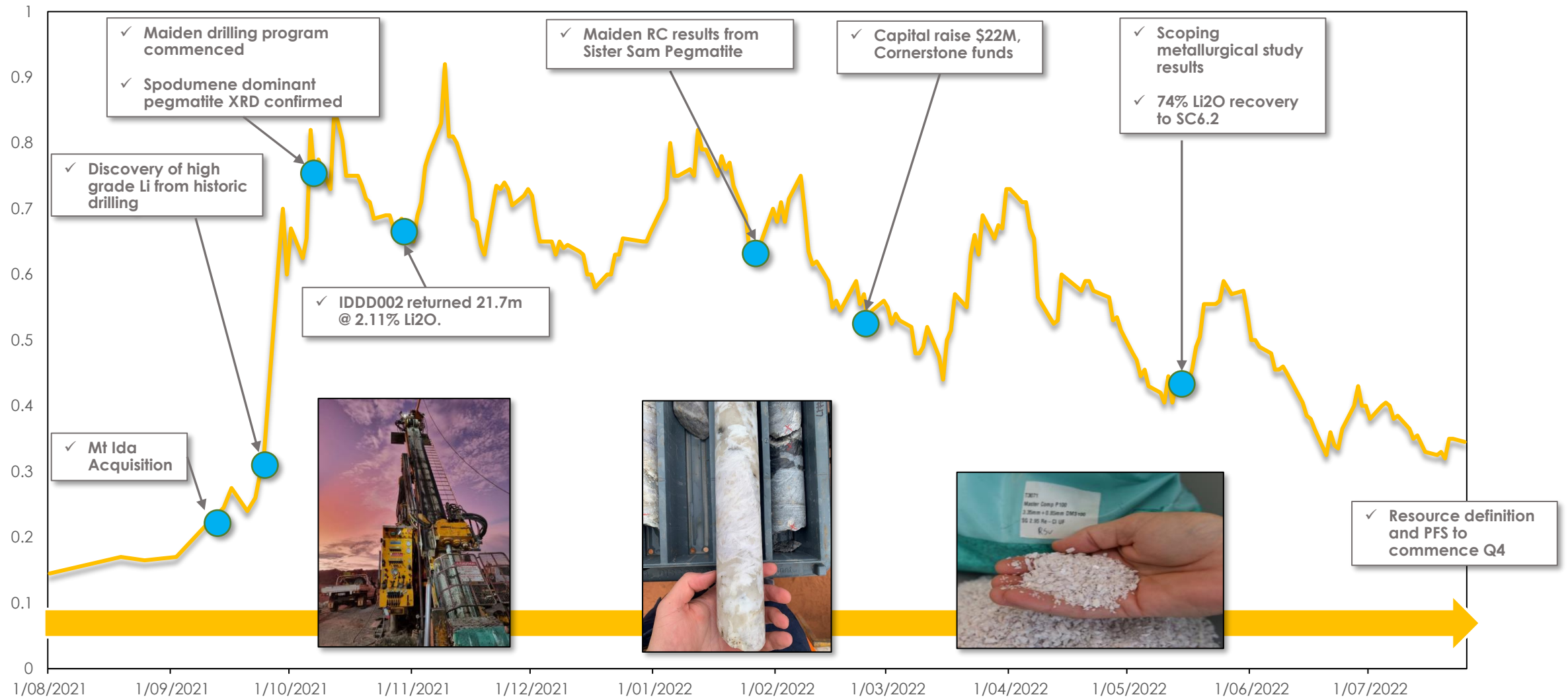
Lithium Market



- Li technology for EVs have accelerated development only in the past 10 years
- Chemistry type has been steadily increasing in the past few years to hold higher charges and lower costs
- Across Li-ion battery types currently in use, Lithium content is consistently around 11%

Source: <https://www.statista.com/statistics/1203083/composition-of-lithium-ion-batteries/>

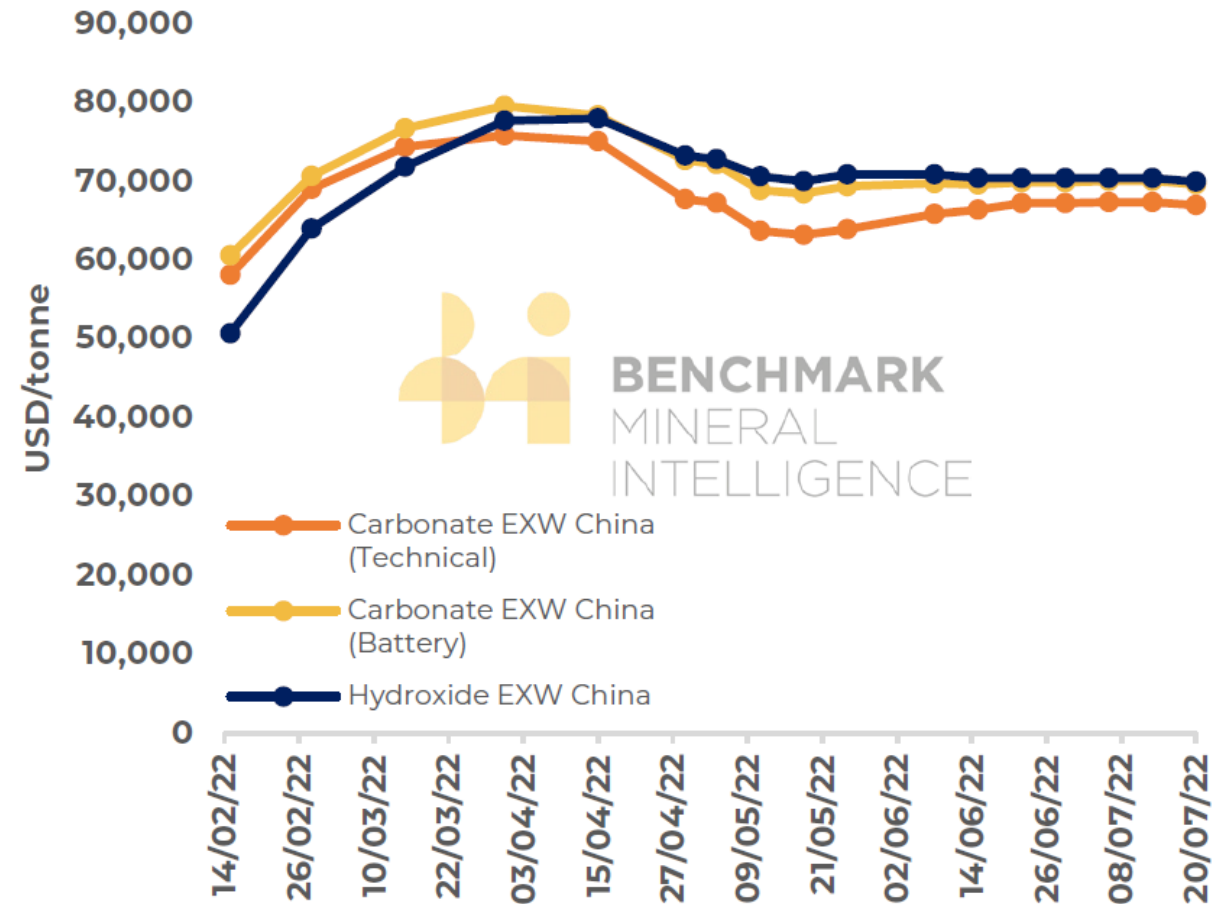
The Journey So Far ...



Lithium-Spodumene Pricing

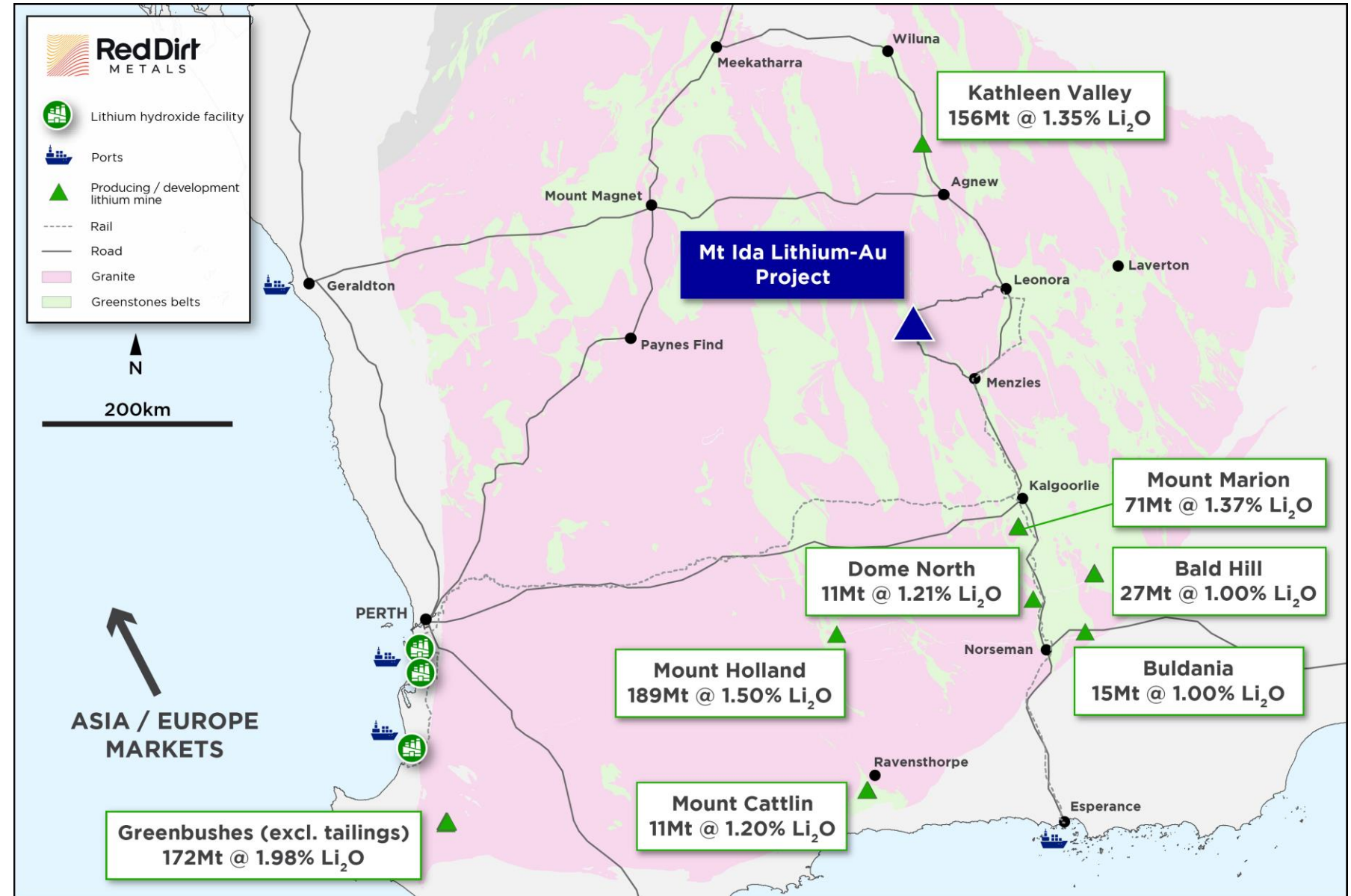
- Record Spodumene prices as off-takers looking to secure converter feed stock
- Forecast for prices to continue to be strong for foreseeable future as EV take up increases exponentially
- Strong initial interest from offtake parties, discussions initiated

Lithium Carbonate & Hydroxide Prices



Project Locations-Infrastructure

- Project located 230km North of Kalgoorlie
- Access to road and rail through the Lithium corridor at Menzies and Leonora
- Project located on granted Mining Leases, Heritage and Environmental studies underway
- Joint ownership of Airstrip at Bottle Creek <5km from Mt Ida
- Small camp in place with potential to easily expand at the same site



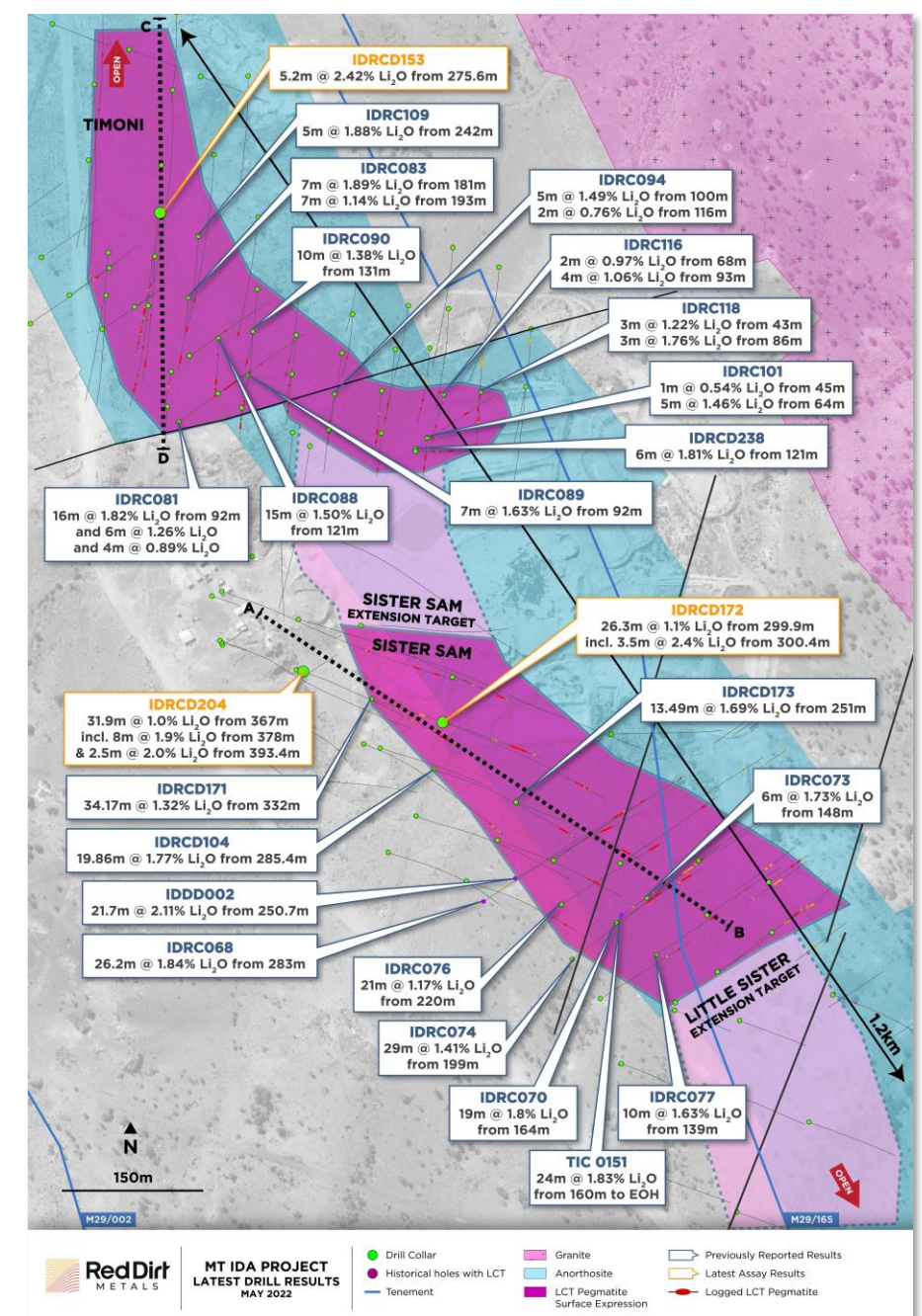
Mt Ida-New Lithium Province

- Drilling in July 2022 with 5 rigs now onsite, >40km of drilling completed to date
- A further 50km of drilling planned up to December 2022
- Resource drill-out nearing completion, JORC compliant estimation targeted Q4
- Metallurgical sample submission commenced
- First DMS results scheduled within 2 months



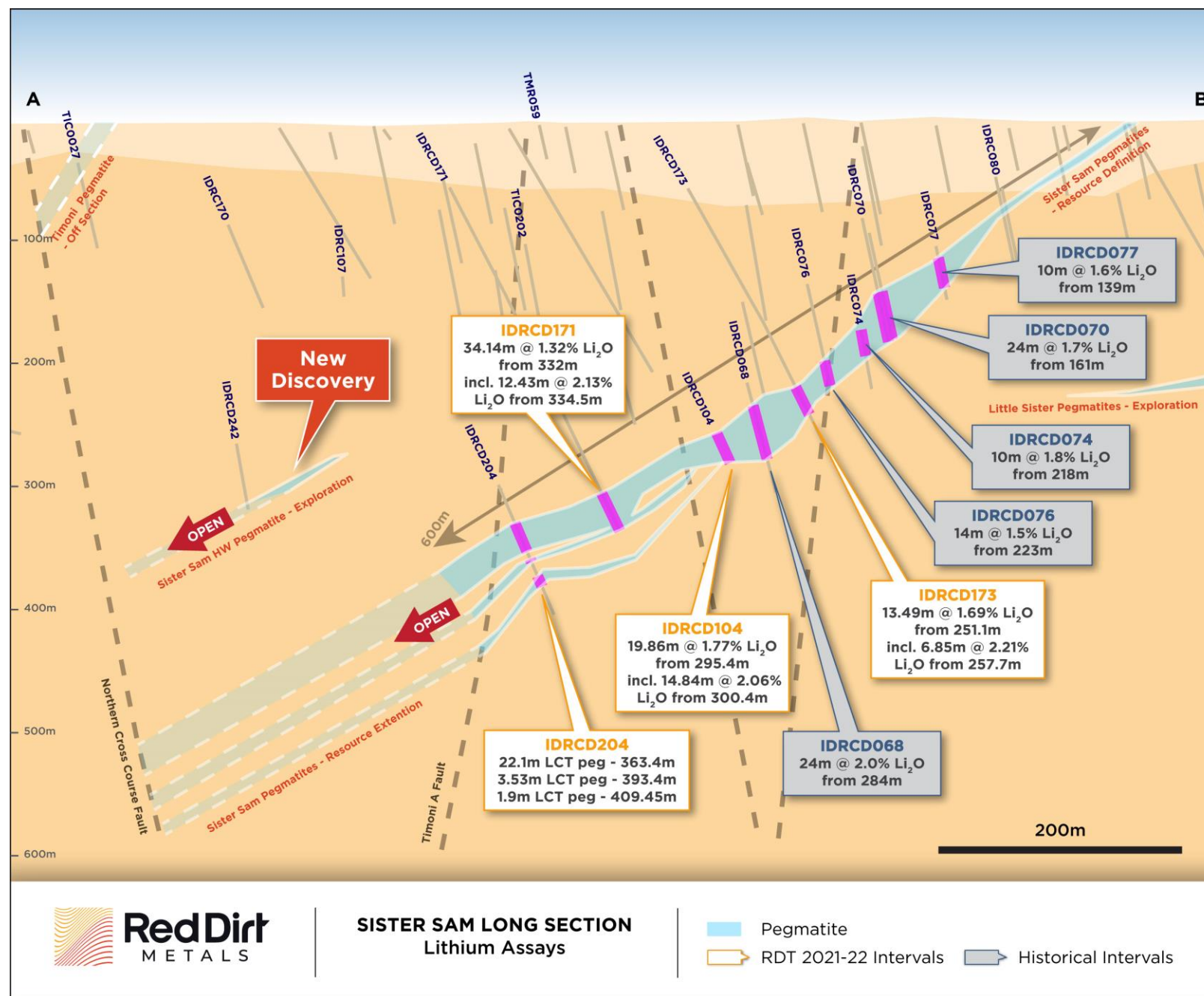
Central Mt Ida Pegmatites

- 2 main areas concentrated on to date, Sister Sam and Timoni pegmatites
- Spectacular first diamond drill results returned;
 - **IDRCD171 intersected 34.17m @ 1.32% Li₂O from 332m including 12.43m @ 2.13% Li₂O from 334.5m**
 - **IDRCD104, intersected 19.86m @ 1.77% Li₂O from 285.4m including 14.84m 2.06% Li₂O from 300.43m**
 - **IDRCD173 intersected 13.49m @ 1.69% Li₂O from 251m including 6.85m @ 2.21 Li₂O from 257.74m**
 - **IDDD002, intersected 21.7m @ 2.11% Li₂O from 250.7m**
- Open in all directions, drill testing ongoing, modelling commenced, targeting Q4 JORC compliant resource estimate
- Metallurgical testwork study has now commenced on representative sample



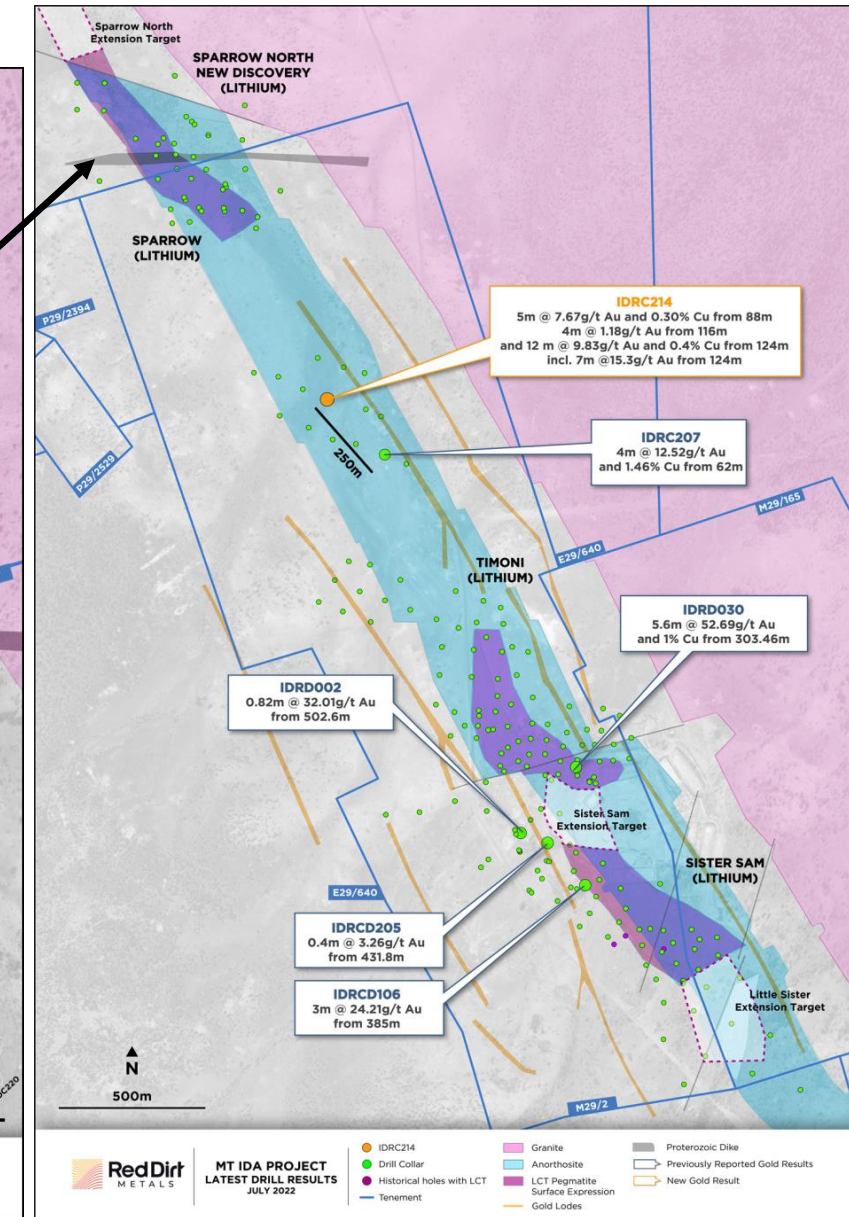
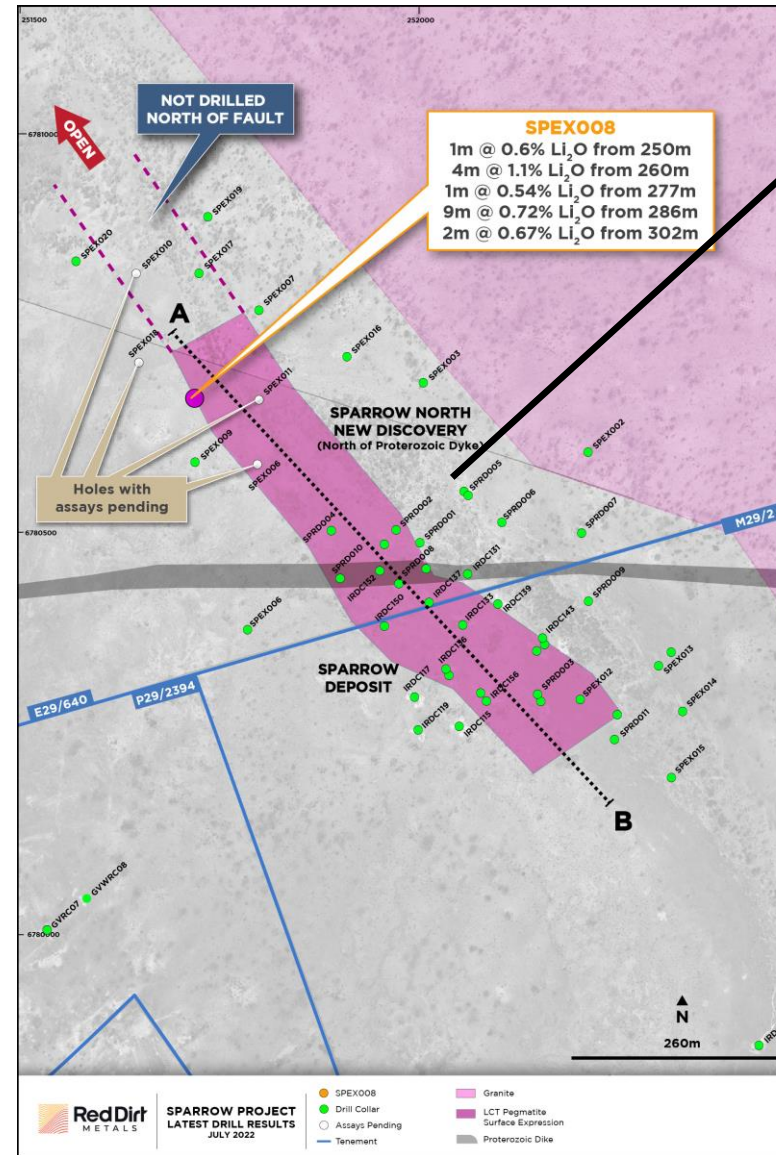
Sister Sam Pegmatite

- +20m true widths extending to depth
- High tonnages drilled per vertical metre
- Pegmatites drilled to date with high visual spodumene content
- Understanding of controlling structures paramount in future exploration



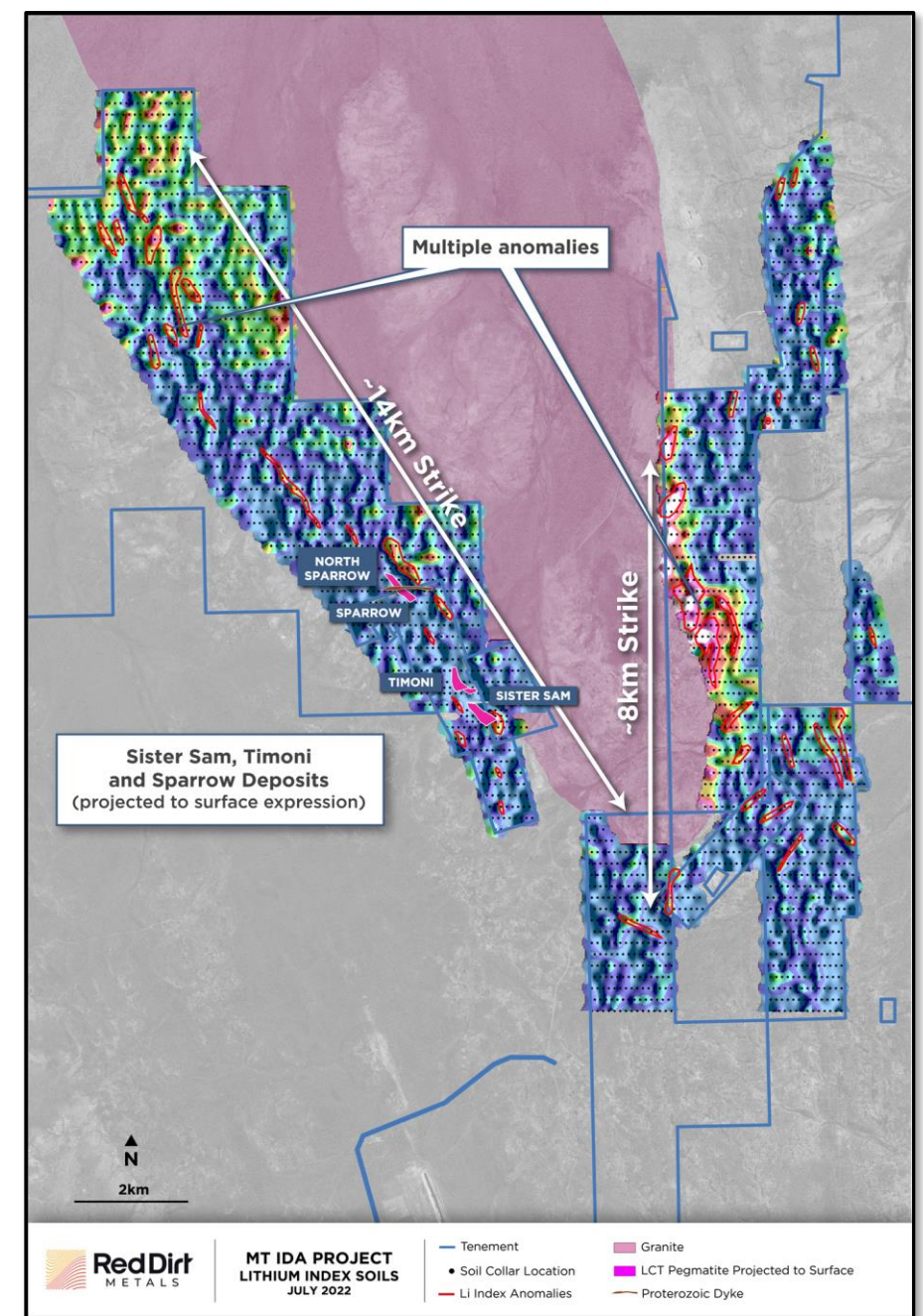
Current Known Drilled Pegmatites

- 3 main pegmatites to form part of maiden resource calculation
- Sister Sam, Timoni and Sparrow pegmatites all remain open and continue to be delineated
- To date only 4 km of prospective 25km of granite contact sparsely explored
- Sparrow North discovery demonstrates potential for additional discovery
- Focus now on publishing first resource in Q4 and following up with regional exploration model to better evaluate exploration target size



Regional Targets

- Proximity to the margin of the “Copperfield granite” forms a prospective horizon
- Both western and eastern margin are considered prospective for LCT pegmatites
- Geochemical sampling now completed, processing has identified in excess of 45 targets
- A regional Aircore programme commenced testing high priority lithium and copper targets
- RC drilling will continue to test known structures in central Mt Ida area and along strike



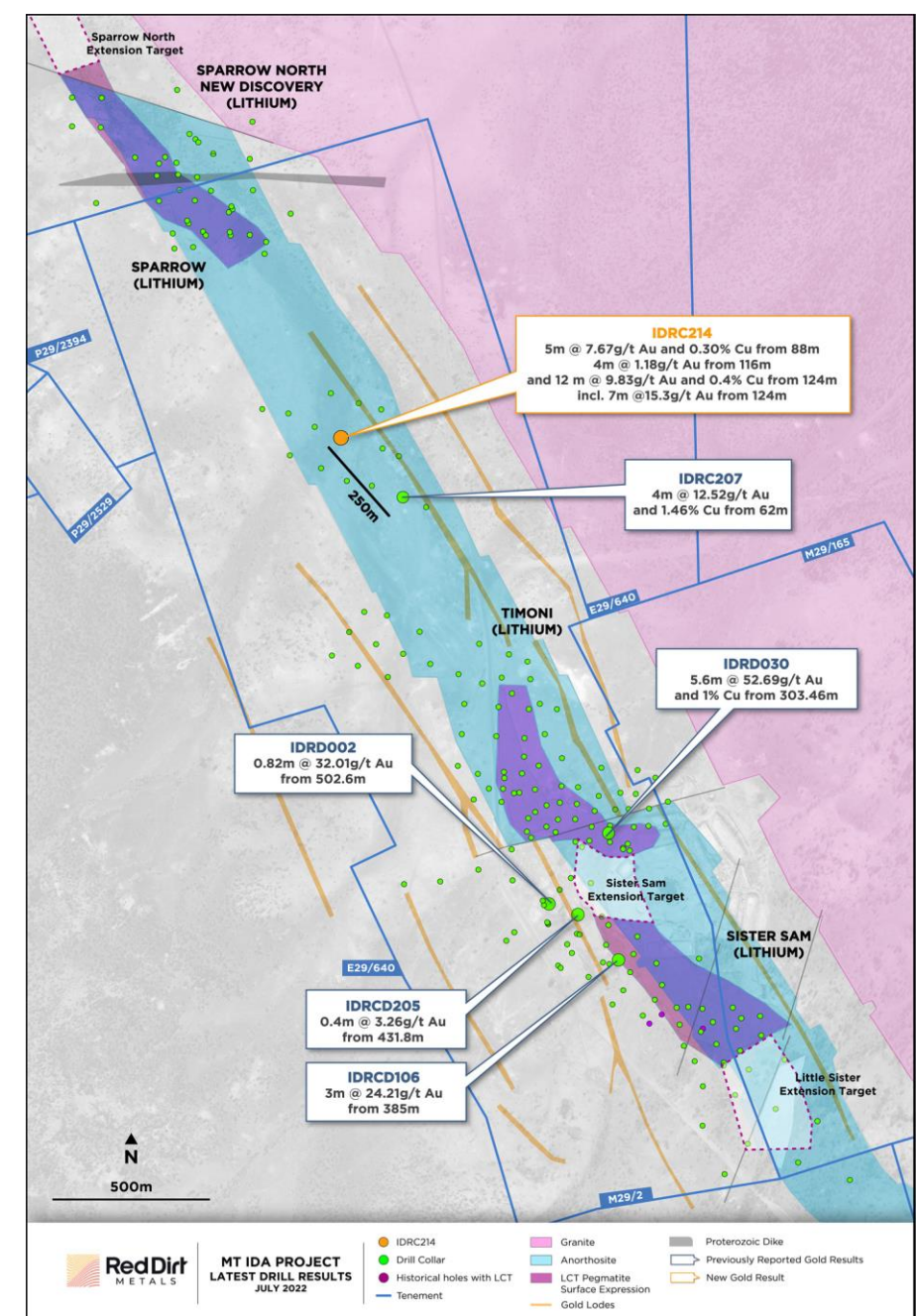
Initial Metallurgical Testwork

- 74% Li_2O recovered to an SC6.2% concentrate in first pass sighter testwork, very low Fe_2O_3 (0.02%) content
- PRIMERO engineering contracted to oversee scope of works and testwork campaign over the next 6-8 months
- Recent drilling continues to intersect coarse Spodumene rich pegmatites with little variation in global mineralogy
- Early study indicating a low capital cost processing route DMS plant will be an option
- Definitive metallurgical testwork programme commenced, initial results expected August 22
- Fast-tracking to production scenario



Gold at Mt Ida

- 306,100 ounces @ 17.2 g/t Au historically mined at Mt Ida
- Super high-grade gold-copper potential, IDRC214 and IDRD030 reported exceptional grade
- Multiple stacked gold lodes present within the mafic units striking sub-parallel to granite contact
- Very limited exploration completed below 75m from surface
- Last 15 years has seen no systematic exploration, strike of mineralised system extends for 15km to NW
- Gold exploration programme 15km of drilling yet to commence





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