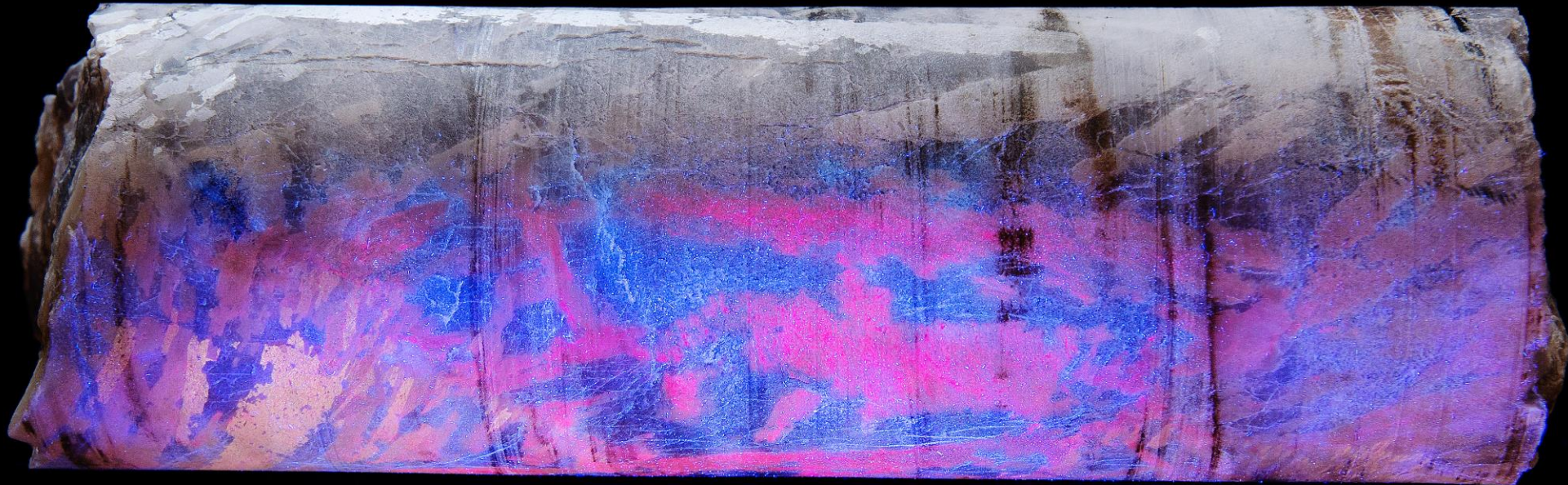


# PILBARA-FOCUSED LITHIUM EXPLORER

Investor Presentation

August 2021



**ASX: GL1**

*The photo is of diamond core from MBDD002 (refer ASX release "Spodumene mineralisation logged in diamond core", 12 July 2021).  
The logged spodumene mineralisation fluoresces pink under black light, however this is not a reliable indication of grade.*



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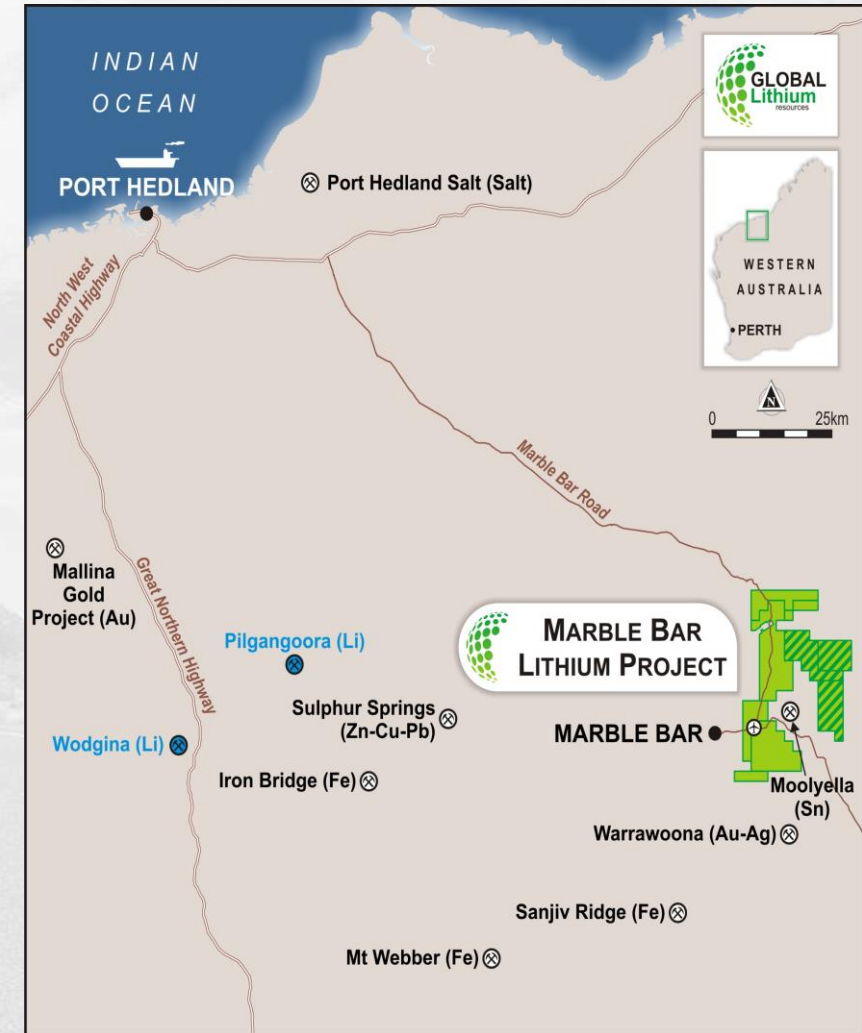
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## COMPLIANCE STATEMENTS

- The Company released a prospectus dated 22 March 2021 (**Prospectus**) for an initial public offer of fully paid ordinary shares in the capital of the Company (**Shares**), a copy of which can be accessed from the Company's website at [www.globallithiumresources.com.au](http://www.globallithiumresources.com.au).
- The Company confirms that it is not aware of any new information or data that materially affects the information in the original reports, and that the form and context in which the Competent Persons findings are presented have not been materially modified from the original reports.
- Where the Company refers to Mineral Resources in this announcement (referencing previous releases made to the ASX), it confirms that it is not aware of any new information or data that materially affects the information included in that announcement and all material assumptions and technical parameters underpinning the Mineral Resource estimate with that announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not materially changed from the original announcement.
- Information on historical exploration results and Mineral Resources presented in this Announcement, together with JORC Table 1 information, is contained in the Independent Geologists Report within the Company's Prospectus dated 22 March 2021, which was released as an announcement on 4 May 2021.

# Introduction

- Focused on growing the Marble Bar Lithium Project (MBLP)
  - Located in the infrastructure rich Pilbara, excellent access to services
  - Similar geological setting as nearby Pilgangoora<sup>1</sup> & Wodgina<sup>2</sup> deposits
  - Archer Deposit (**Archer**) is a new discovery containing an **Inferred Mineral Resource of 10.5Mt @ 1.0% Li<sub>2</sub>O**
  - Large prospective area: **lithium mineralisation confirmed >6km strike**
- Active exploration programs – ongoing news flow
  - Diamond core studies underway
  - Planning stage for new RC Program in CYQ4
- Sector & ESG momentum driving prices
  - Exponential take up of EV's causing supply shortages in lithium
  - Lithium market surging – **spodumene concentrate prices up ~125% to date CY2021<sup>3</sup>**
- Well funded, with \$8.6m in cash at 30 June 2021



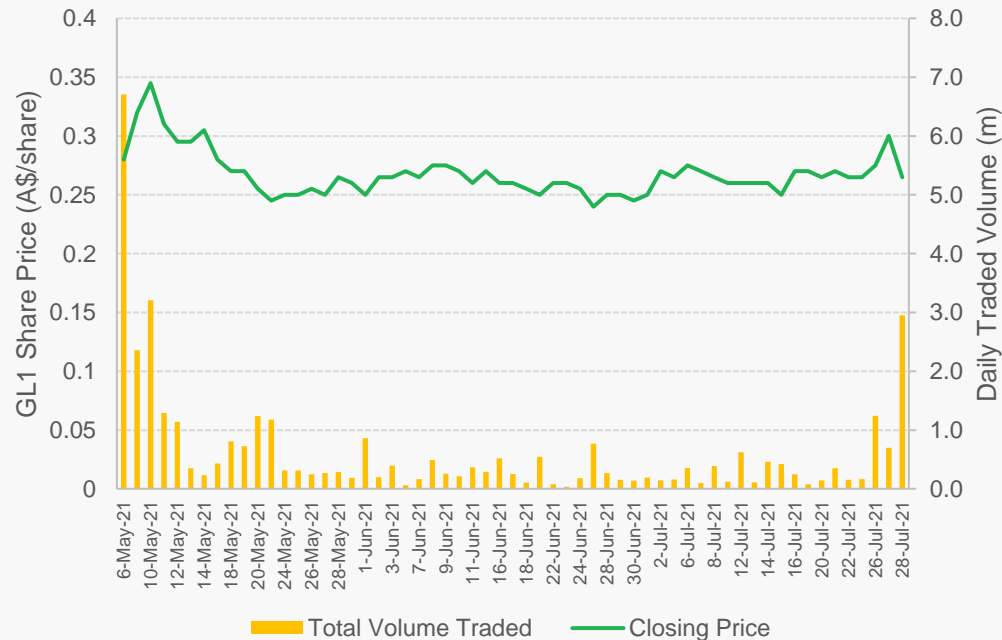
1. Owned by Pilbara Minerals (ASX: PLS)
2. Owned by the MARBL JV, 60% Albemarle, 40% Mineral Resources (ASX: MIN)
3. S&P Global Platts Metals Daily reports 6% Spodumene concentrate FOB Port Hedland at US\$925/t on 23 July 2021 compared with US\$400-430/t in January 2021.



# Who we are

## Global Lithium at a Glance

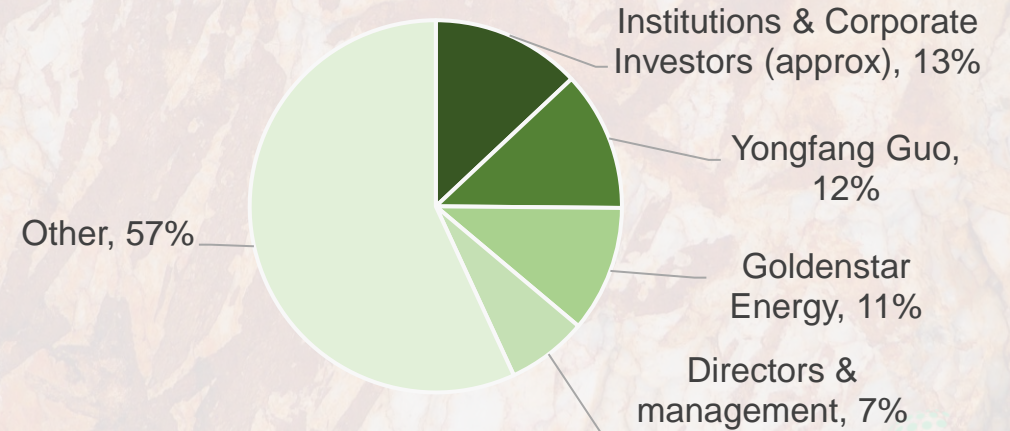
- Lithium focused
- Established operational history prior to listing on ASX in May 2021



## Corporate Structure

Share price (as at 28 July 2021)	\$0.265
Shares	131.8m
<b>Market Cap.</b> (undiluted)	<b>\$35m</b>
<b>Cash</b> (30 June 2021)	<b>\$8.6m</b>
Options (May 2025, 30c strike)	4.8m
Performance Rights	5.0m

## Shareholder makeup





# Leadership team

---

## Board of Directors

---



**Jamie Wright**  
*Managing Director*



**Warrick Hazeldine**  
*Non-Exec Chair*



**Dr Dianmin Chen**  
*Non-Exec Director*

## Management

---



**Kevin Hart**  
*CFO & Co Sec*



**Joanne Day**  
*Administration  
Manager*



**Kim Petrich**  
*Management  
Accountant*

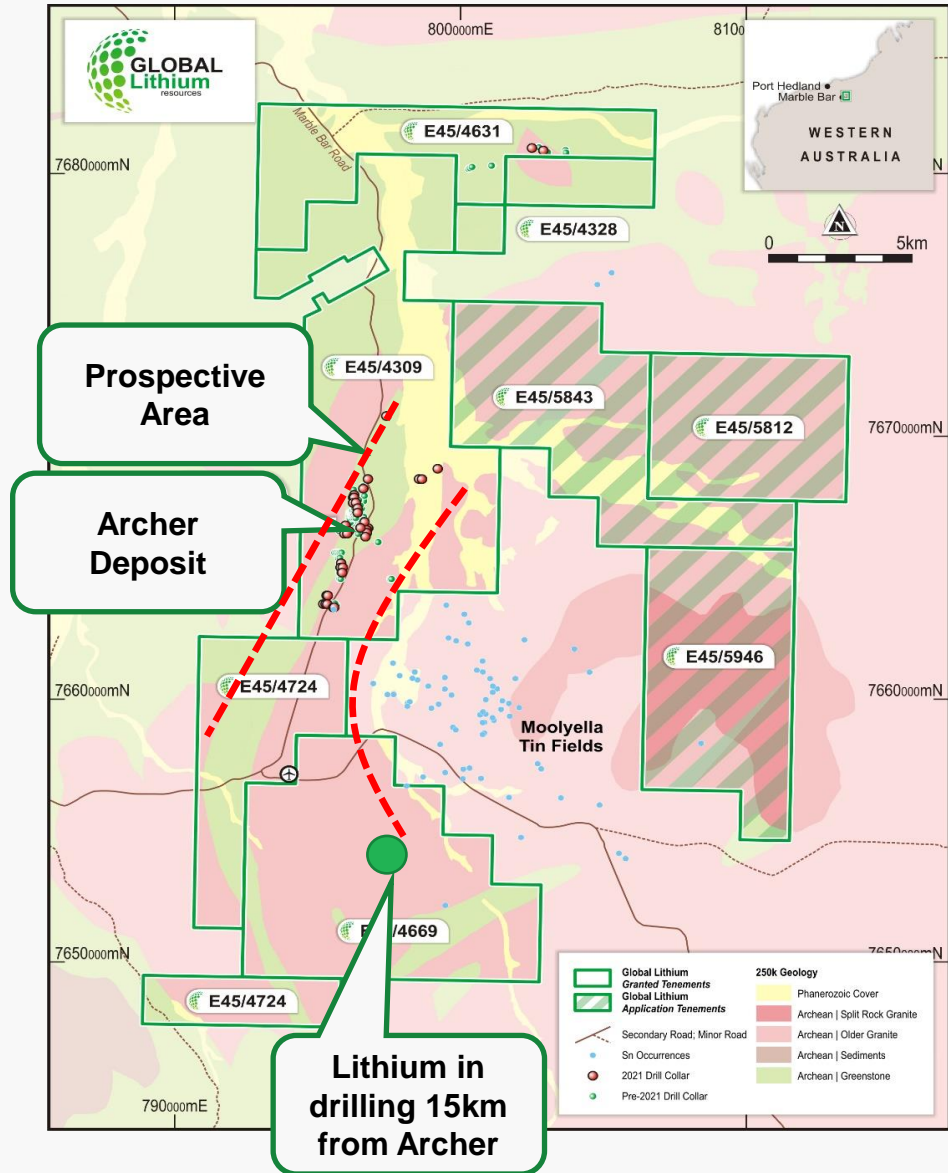


**Dr Jayson Meyers**  
*Resource  
Potentials*



**Ian Shackleton**  
*Resource  
Potentials*

# Marble Bar Lithium Project (MBLP)



## Geology

- Emerging hard rock lithium discovery
- Spodumene bearing pegmatite hosted in greenstone and granite contact

## Archer Deposit

- Focus to date - discovering and exploring the Archer Deposit
- Now starting step out exploration

## Significant Upside

- More than 25km greenstone strike in highly prospective area
- Lithium mineralisation in drilling identified over 15km apart
- <10% of prospective area drilled

## Infrastructure Rich

- Tier 1 jurisdiction
- Sealed road through tenement area
- 150km south east of Port Hedland



# The Archer Deposit



## Geology

Excellent intercepts

Independent Mineral Resource<sup>2</sup>

- Multiple spodumene bearing pegmatites at surface
- Swarm appears to extend more than 6km along strike – remains open
- Opportunity to grow – previous drilling highly prospective
  - 16m @ 1.4% Li<sub>2</sub>O from 37m (MBRC0077)
  - 14m @ 1.5% Li<sub>2</sub>O from 64m (MBRC0114)
  - 19m @ 1.2% Li<sub>2</sub>O from 22m (MBRC0041)
  - 15m @ 1.3% Li<sub>2</sub>O from 30m (MBRC0035)

Mineral Resource <sup>1</sup> Category	Material (Mt)	Li <sub>2</sub> O (%)	SnO <sub>2</sub> (ppm)	Ta <sub>2</sub> O <sub>5</sub> (ppm)	Fe <sub>2</sub> O <sub>3</sub> (%)
Inferred	10.5	1.0	49	53	1.2%

- Growth underway – new results not in the Mineral Resource<sup>3</sup>
  - 28m @ 1.51% Li<sub>2</sub>O from 69m (MBRC0135) (not true width)
  - 9m @ 1.11% Li<sub>2</sub>O from 108m (MBRC0135) (not true width)
  - 8m @ 1.47% Li<sub>2</sub>O from 61m (MBRC0128)
  - 7m @ 1.24% Li<sub>2</sub>O from 30m (MBRC0136)

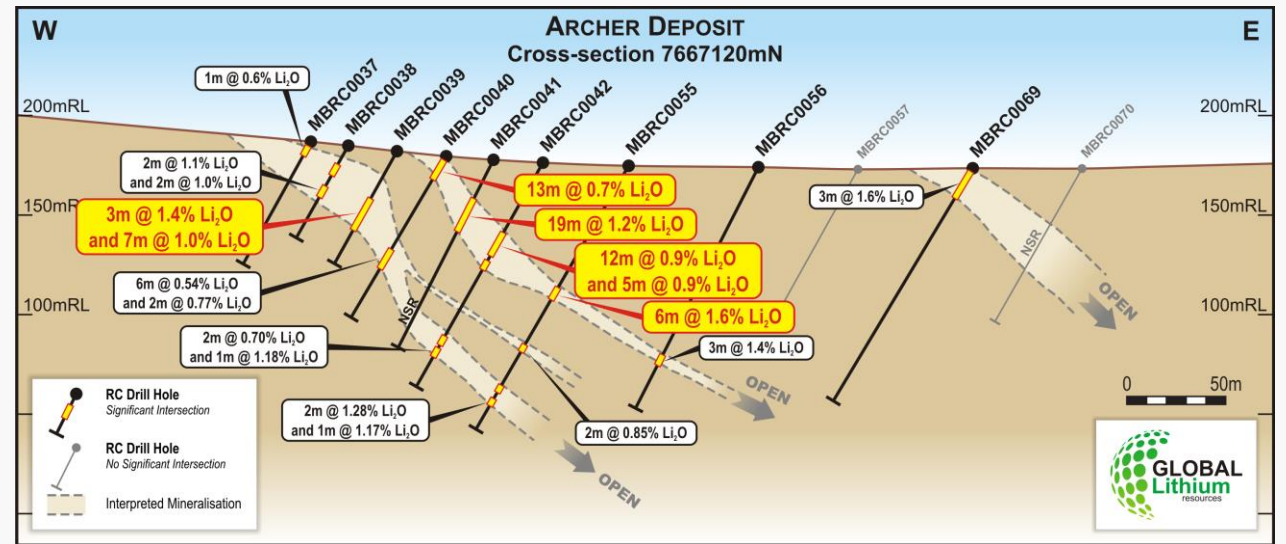
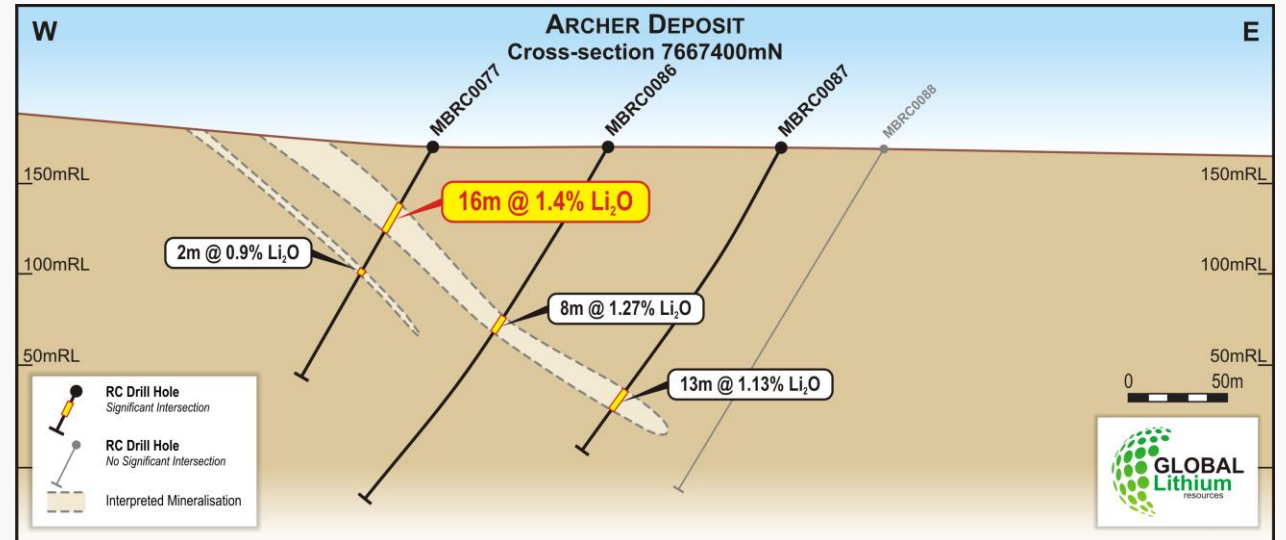
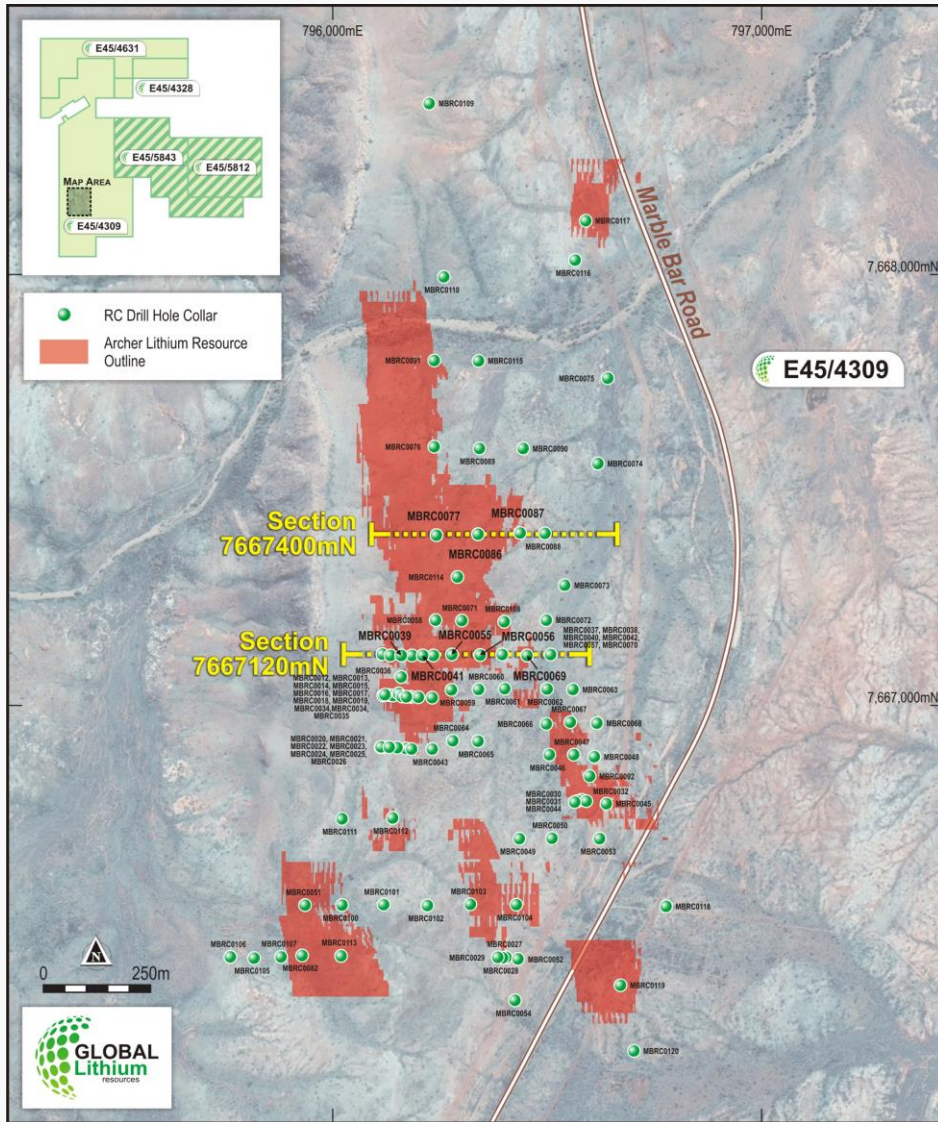
1. Cut-off grade of 0.6% Li<sub>2</sub>O

2. Mineral Resource Estimate, dated June 2020, prepared by IHC Robbins and contained in the Independent Technical Assessment Report included in the prospectus lodged with ASX on 4 May 2021

3. Refer ASX release titled "Assays confirm lithium mineralisation extends over 6km", 28 July

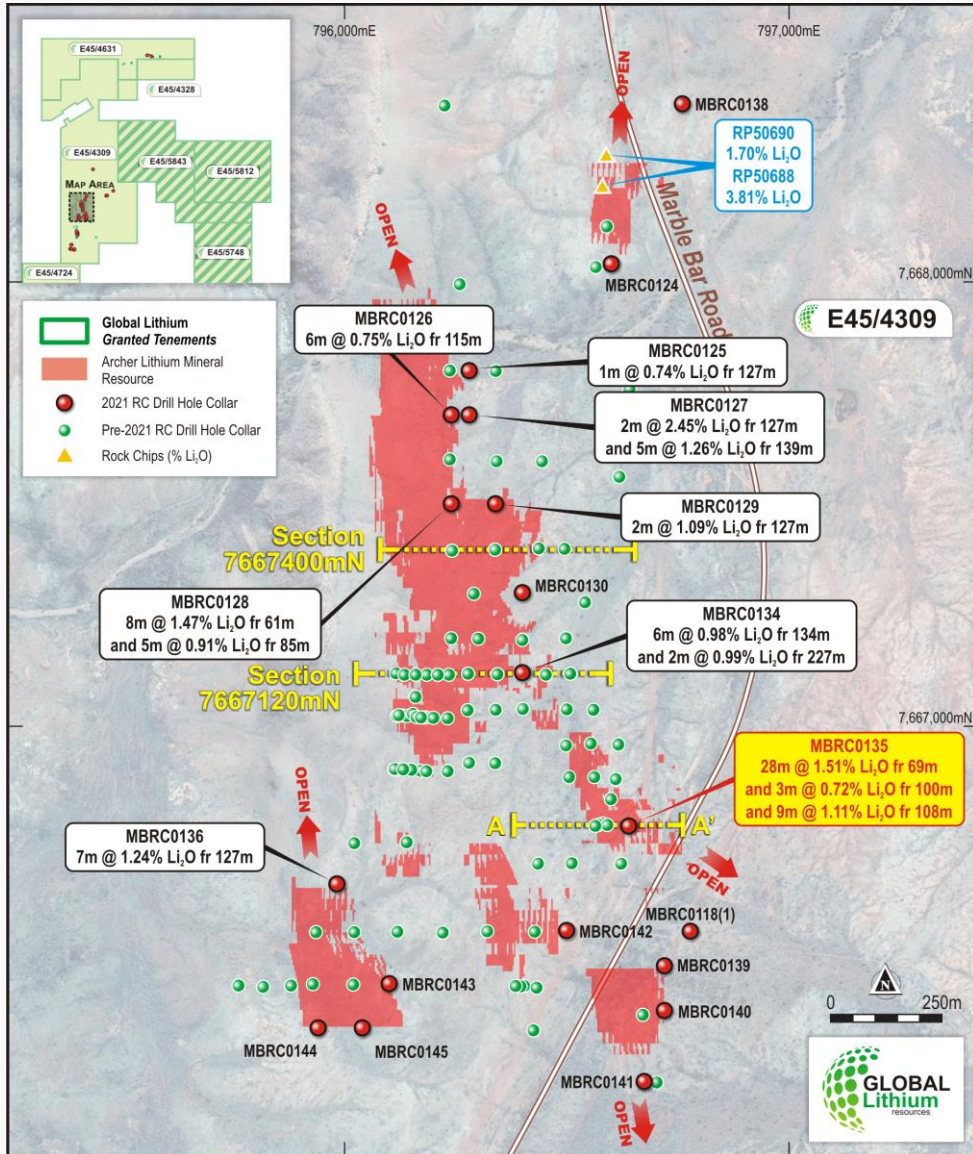


# The Archer Deposit – strike and depth potential

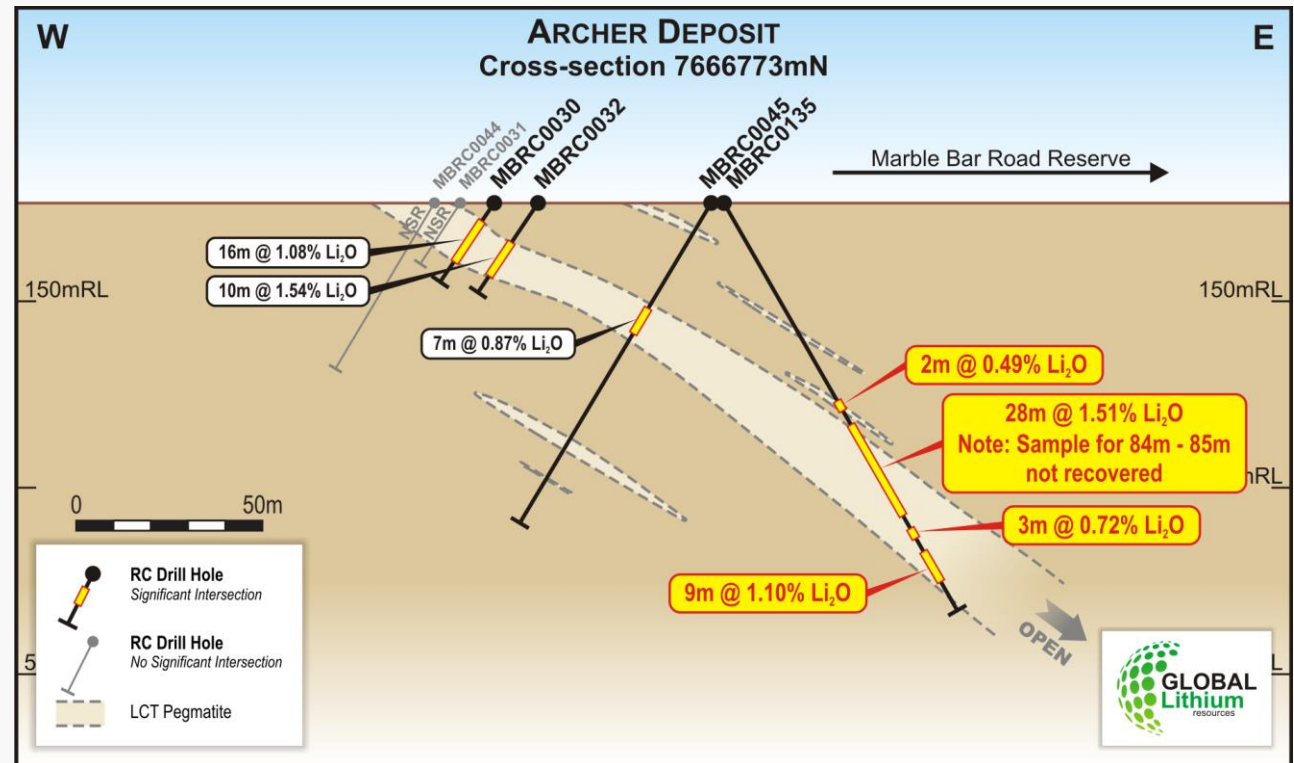




# The Archer Deposit – 2021 program is delivering on this potential



- Recent RC drilling program<sup>1</sup> has delivered excellent results, confirming potential for Archer to extend along strike and at depth

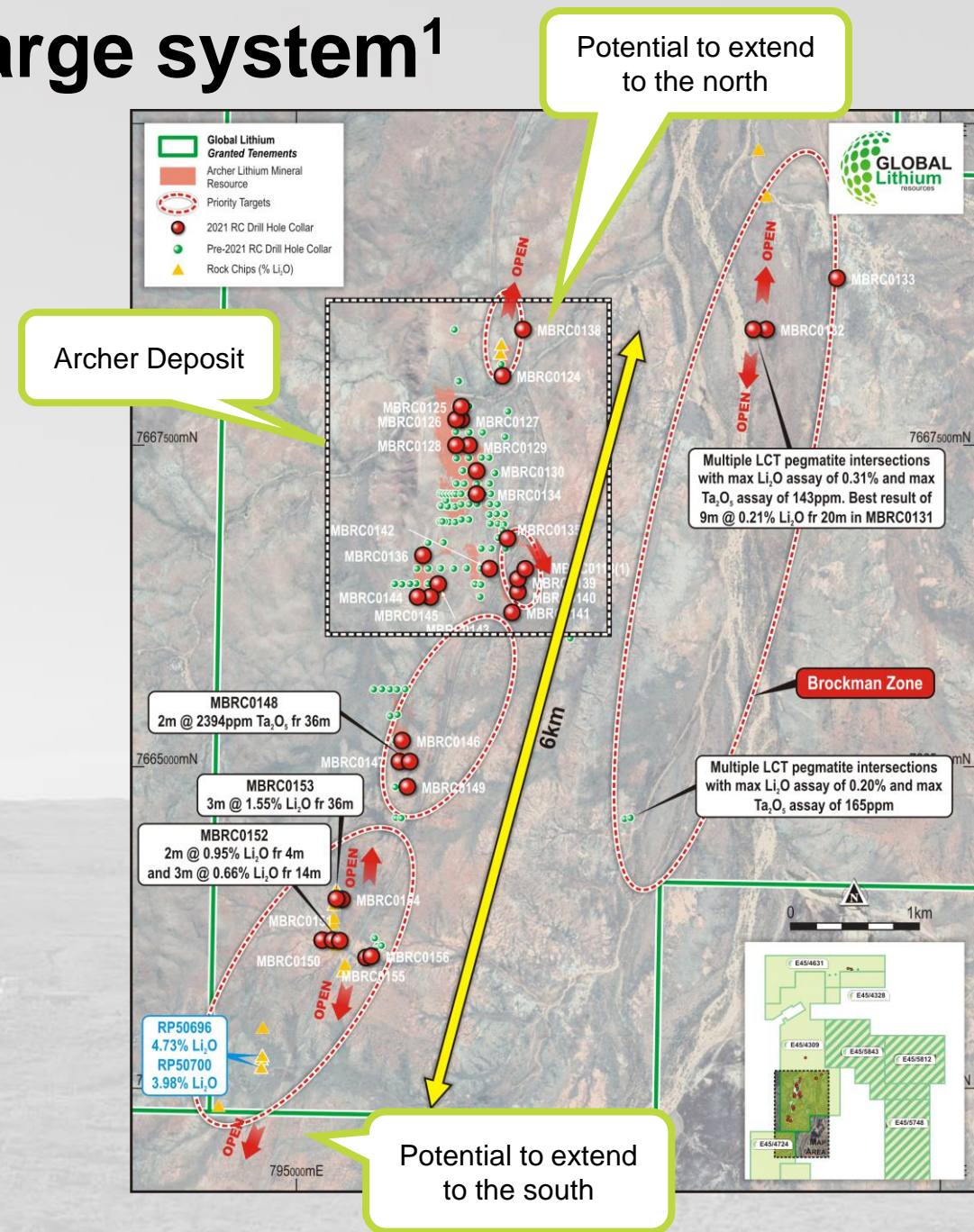


1. Refer ASX release titled "Assays confirm lithium mineralisation extends over 6km", 28 July 2021.



# The MBLP is emerging as a large system<sup>1</sup>

- Recent program confirms lithium mineralisation >6km strike
- Large prospective area to explore
- Archer Deposit remains a core focus
- Exploration outside Archer has been limited
  - Much of the area is covered by a thin layer of sediment
- Opportunity to systematically explore for further discoveries
- Strong potential for MBLP to be a large and fertile system





# 2021 Exploration Campaign – diamond drilling<sup>1</sup>



- Two diamond holes completed
- Provides core for studies including mineralogy and preliminary metallurgical testwork



**MBDD002:**  
61.2m to 77.1m pegmatite interval with visible spodumene mineralisation  
  
(twinned MBRC0114)



1. Refer ASX release titled "Spodumene Mineralisation Logged in Diamond Core", 12 July 2021.



# World-class location, logistics & infrastructure



Port Hedland  
(export point)

<2hrs

Favourable Topography and Easy Road Access

<15mins

Town of  
Marble Bar  
(community of  
+600 people)



Lithium projects nearby



Borefield





# Indicative timeline



## Programs completed

- RC program – assays
- Diamond program
- First acquisition

## Programs underway

- Metallurgical testwork
- Targeting + planning underway

## Further RC drilling program

- Subject to approvals

## Target Resource Update

CYQ3  
2021



CYQ4  
2021



CYQ1  
2022



Figure: 2021 RC drilling campaign at the Archer Deposit  
Note: The timetable and exploration program is indicative and subject to change.



# Sustainability

## *Strong ESG framework to create value for all stakeholders*



### ENVIRONMENT

Commitment to minimise ground disturbance, emissions and water usage



### SOCIAL

Engage local suppliers and recognition of Traditional Owners



### GOVERNANCE

Integrate best practice environmental and social standards into corporate governance principles

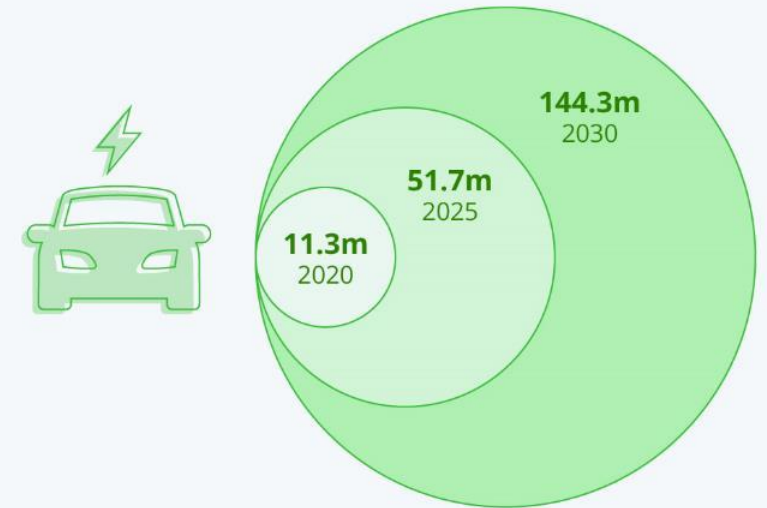


# EV's are now a global mega trend

- Exponential EV<sup>1</sup> take-up driven by policy and consumer sentiment
- Global car companies are responding
  - 18 of the 20 largest car companies have committed to increase offering of EV's<sup>2</sup>
- Lithium is a key raw material for batteries - consequently prices are responding
  - Spodumene concentrate prices now US\$925/t FOB Australia<sup>4</sup> up ~125% since the start of the year
- Having an uncommitted spodumene mineral resource is a strategic place to be

## Electric Vehicle Market to Hit Ludicrous Mode

Projected number of electric vehicles driving globally up to 2030\*



\* Includes battery electric, fuel cell and plug-in hybrid cars, vans, buses and trucks.  
Source: International Energy Agency



statista

1. EV = Electric Vehicle

2. Source: International Energy Agency: <https://www.iea.org/reports/global-ev-outlook-2021/trends-and-developments-in-electric-vehicle-markets>

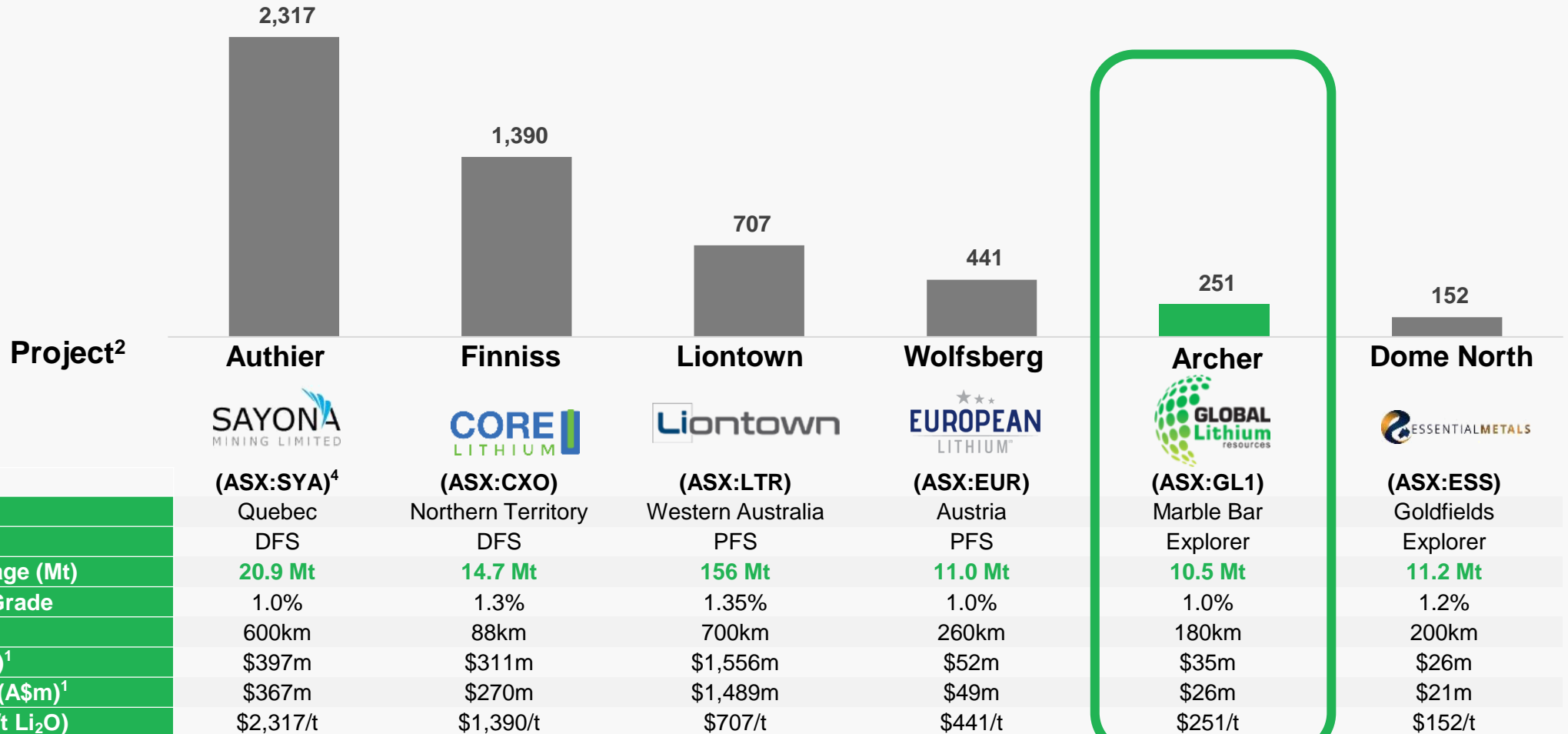
3. Infographic: Statista.com

4. Source: S&P Global Platts Metals Daily 23 July 2021



# Enterprise Value (EV)<sup>1</sup> / Resource<sup>2</sup> (28 July 2021)

## EV/Resource (A\$/tonne Li<sub>2</sub>O<sup>3</sup>) – select ASX peers



1. EV= Enterprise Value. EV is calculated as the market capitalisation of each company as at 28 July 2021 sourced from ASX. The market capitalisation is then adjusted for cash (decrease) and debt (increase) to arrive at the EV. Refer Appendix for details
2. See Appendix for detailed project and EV information, including the Mineral Resource by category as well as the information used in calculating the Evs.
3. Contained Lithium Oxide = Tonnage (Mt) x Grade (Li<sub>2</sub>O %)
4. SYA has been adjusted to accommodate the investment by Piedmont Lithium Inc for a 25% stake in Sayona's Canadian subsidiary.



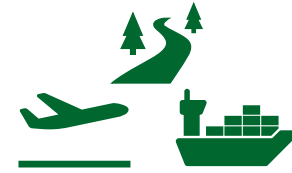
# Global Lithium: growing Pilbara lithium explorer



**Valuable position  
in Tier-1 Pilbara  
lithium province**



**Maiden 10.5Mt @  
1.0% Li<sub>2</sub>O Inferred  
Mineral Resource  
with clear growth  
potential**



**Access to  
world-class  
infrastructure**



**Resource  
expansion and  
exploration  
programs  
continuing**



**Strong team  
driven by ESG  
fundamentals**



**Strong pipeline of  
news flow expected  
over next 12-18  
months**





# APPENDICES





# Appendix: detailed project data

## Peer Group Comparison Data<sup>1</sup>

Company Name	Project Name	Market Capitalisation <sup>4</sup>	Cash	Debt	Enterprise Value	Mineral Resource (Tonnage)	Mineral Resource (Li <sub>2</sub> O Grade)	Mineral Resource (cont. Li <sub>2</sub> O)	Cash & Debt ASX Announcement	Mineral Resource ASX Announcement
		A\$m	A\$m	A\$m	A\$m	Kt	%	Kt	Date	Date
Core Lithium	Finniss	311	41	-	270	14.7	1.3%	194	22-Jun-21	15-Jun-20
Essential Metals	Dome North	26	6	-	21	11.2	1.2%	136	14-Jul-21	29-Sep-20
European Lithium	Wolfsberg	52	8	4	49	11.0	1.0%	110	30-Apr-21	5-Apr-18
Liontown Resources	Kathleen Valley	1,556 <sup>2</sup>	67 <sup>2</sup>	-	1,489	39.2	1.1%	423	14-Jul-21, 28-Apr-21	8-Apr-21
Sayona Mining	Authier	397 <sup>3</sup>	30 <sup>3</sup>	-	367	20.9	1.0%	211	12-Jul-21, 8-Jun-21 and 30-Apr-21	24-Nov-18

1. All Mineral Resources have been reported on a 100% basis. The source announcements for each of the technical and EV data are shown in the table

2. Liontown Resources metrics includes cash as at 31 March 2021 and current issued shares, plus \$52m capital raising announced 14 July 2021

3. Sayona metrics includes: 1) Cash Reserves at 31 March 2021 of \$9.88m; 2) April 2021 rights issue proceeds of \$22m it does not include the recent capital raisings announced 12 July 2021

4. Market capitalization data is calculated using closing share price and shares in issue sourced from ASX.



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