

24 March 2022

## WAVE INTERNATIONAL APPOINTED LEAD DEFINITIVE FEASIBILITY STUDY ENGINEER

### Key Highlights

- Global Lithium has appointed leading development consultant Wave International as lead engineer for the Manna Lithium Project Definitive Feasibility Study
- Wave's DFS study team has over 100 years of collective lithium experience
- Wave is currently managing the metallurgical DFS testwork program for Manna
- The DFS will generate a capital and operating cost estimate to an accuracy of +/-10% to 15%
- Global Lithium anticipates completing the DFS in Q4 CY23
- Experienced mining geotechnical consultant Peter O'Bryan and Associates also appointed

Growing multi-asset West Australian lithium company Global Lithium Resources Limited (**ASX: "GL1"**, "**Global Lithium**" or "the **Company**") is pleased to announce the appointment of Perth-based Wave International ("**Wave**") as lead engineer for the Company's Definitive Feasibility Study ("**DFS**") at its wholly owned Manna Lithium Project.

Wave is a leading resource development consultancy which boasts over 100 years of collective lithium experience within its study team. Global Lithium appointed Wave to undertake metallurgical testwork to support the DFS at Manna in January 2023<sup>1</sup>, and are responsible for the definition and testing of the metallurgical upgrade process to produce a spodumene concentrate at Manna.

As part of the DFS scope of work, Wave will be responsible for compiling all the various mining and engineering disciplines into a single consolidated DFS report. Global Lithium expects to complete the DFS in late Q4 2023, with the aim of reaching a Final Investment Decision in CY2024.

### **Global Lithium Project Director, Dr Tony Chamberlain commented,**

*"We have been working with Wave closely for the last couple of months as we proceed with the commencement of the Manna DFS. With their team's collective experience within the lithium space, they offer an unrivalled advantage within our industry to assist us with progressing Manna and we are pleased to widen their appointment to include lead engineer for the DFS."*

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<sup>1</sup> Refer ASX Announcement 25<sup>th</sup> January 2023

## **Wave International Director and COO, Robin Macaskill said,**

*“We are thrilled to announce that our collaboration with Global Lithium will continue, after the recent release of their Scoping Study that confirms the possibility of a highly competitive lithium project in Western Australia.*

*The board and management team possess impressive expertise, and they are dedicated to deliver the Manna Project. By combining Global Lithium's clear vision with Wave's industry-leading experience and innovative approach to project delivery, we are embarking on a truly exciting venture in an equally exciting market sector.”*

### **About Wave International**

Wave is a leading resources development consultant with more than 20 years of global experience in engineering, project strategy, feasibility studies, detailed design, project delivery and operational support. Wave delivers comprehensive services to its mining industry clients spanning the entire life cycle of a project. Wave offers services to greenfield and operating sites in the resources, heavy industrial, energy and infrastructure sectors and have built a solid, industry-wide reputation in providing innovative, flexible, and value-add solutions.

With over ten years experience in the battery minerals sector and twenty years in hard rock lithium, Wave have an established reputation for enabling successful commercialisation for junior and mid-tier battery mineral companies. Coining the phrase ‘Commercial Engineering’ to describe its approach, Wave empowers its clients and drives the successful development of battery minerals projects.

Approved by the board of Global Lithium Resources Limited.

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## About Global Lithium

Global Lithium Resources Limited (ASX:GL1, Global Lithium) is a diversified West Australian lithium company with multiple assets in key lithium branded jurisdictions with a primary focus on the 100%-owned Marble Bar Lithium Project (MBLP) in the Pilbara region and the Manna Lithium Project in the Goldfields, Western Australia.

Global Lithium has now defined a total Inferred and Indicated Mineral Resource of 50.7Mt @ 1.0% Li<sub>2</sub>O at its MBLP and Manna Lithium projects, confirming Global Lithium as a significant global lithium player aiming to fast track into development.

Global Lithium's major shareholders include Suzhou TA&A Ultra Clean Technology Co. Limited (Suzhou TA&A), a controlling shareholder of Yibin Tianyi Lithium, a joint venture between Suzhou TA&A (SZSE: 300390) (75%) and CATL (SZSE: 300750) (25%), the world's largest EV battery producer, and ASX listed Mineral Resources Limited (ASX: MIN).

## Directors

Warrick Hazeldine	Non-Executive Chair
Ron Mitchell	Managing Director
Dr Dianmin Chen	Non-Executive Director
Greg Lilleyman	Non-Executive Director
Hayley Lawrance	Non-Executive Director

## Global Lithium – Mineral Resources

Project Name	Category	Million Tonnes (Mt)	Li <sub>2</sub> O%	Ta <sub>2</sub> O <sub>5</sub> ppm
<b>Marble Bar</b>	<i>Indicated</i>	3.8	0.97	53
	<i>Inferred</i>	14.2	1.01	50
	<b>Subtotal</b>	<b>18.0</b>	<b>1.00</b>	<b>51</b>
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<b>Manna</b>	<i>Indicated</i>	18.5	1.03	45
	<i>Inferred</i>	14.2	0.97	43
	<b>Subtotal</b>	<b>32.7</b>	<b>1.00</b>	<b>44</b>
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<b>Combined Total</b>		<b>50.7</b>	<b>1.00</b>	<b>46</b>

## Mineral Resources

*Information on historical exploration results and Mineral Resources for the Manna Lithium Project and the Marble Bar Lithium Project presented in this announcement, together with JORC Table 1 information, is contained in an ASX announcement released on 15 December 2022.*

*The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant market announcements, and that the form and context in which the Competent Persons findings are presented have not been materially modified from the original announcements.*

*Where the Company refers to Mineral Resources for the Manna Lithium Project (MLP) and the Marble Bar Lithium Project 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 in 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.*