2 May 2024

DRILLING UNDERWAY AT MANNA

6,000m exploration drilling campaign commences

Key Highlights

- **6,000m Reverse Circulation (RC) program** has commenced at the Manna Lithium Project
- RC drill rig to target pegmatite extensions southwest along strike from the Manna Resource following up on the **21m @ 0.99% Li_2O from 91m** intersected in MBRC0312[1]
- Drilling program to test covered target areas along 5km of strike along the Manna Fault
- Manna Mineral Resource Estimate (**MRE**) update to be delivered in the current quarter
- Exploration Incentive Scheme (**EIS**) grant awarded for gold-silver-copper drilling at the Marble Bar Lithium Project

Established multi-asset West Australian lithium company Global Lithium Resources Limited (**ASX: GL1**, "**Global Lithium**" or "the **Company**") is pleased to announce that drilling has recommenced at its **100% owned Manna Lithium Project**, located 100km east of Kalgoorlie in the Goldfields region, Western Australia.

After a period of data consolidation and interpretation following the successful 2023 drill campaign, during which over 60,00m was drilled, the Company's exploration team has returned to site to execute an initial 6,000m RC drill program. This drilling program is specifically testing for extensions to the Manna Lithium Project resource that currently stands at **36Mt @ 1.13% Li_2O[2].** The targeted area is undercover and extends over 5km along the Manna Fault (Figure 1). Further drilling will be considered based on the results of the CY24 program.

Experienced drilling contractor, Profile Drilling, which helped safely conduct the 2022 and 2023 Manna RC drilling programs, has been re-appointed to undertake this year's drilling program.

Simultaneously with the Manna exploration drilling program, the Company has Programme of Works (POWs) in hand enabling further water exploration drilling which aims to secure a permanent water supply solution for operation of the Manna mine and processing facility. Drilling at multiple high priority targets is expected to begin this quarter.

[1] *ASX Announcement: Final Results Received from 2023 Manna Drilling Program, 20 March 2024*
[2] *ASX Announcement: Manna Lithium Project Resource Grows, 26 July 2023*

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The Company is also currently updating the Manna Lithium Project Mineral Resource Estimate (MRE), alongside working towards completion of the Manna Definitive Feasibility Study (DFS). The update to the MRE is expected this quarter.

Additionally, the Company has been successful in round 29 of the competitive Exploration Incentive Scheme (EIS), resulting in a Western Australian Government grant to co-fund drilling of a gold-silver-copper target within the Company's Marble Bar Project tenements in the Pilbara region, WA during FY24/25. The Company regards the precious and base metal prospectivity of its Marble Bar tenements to be high and is considering options to recognise value from these assets.

Global Lithium General Manager – Geology, Logan Barber commented,

"It is great the GL1 exploration team is back on ground at the Manna Lithium Project after a period of data consolidation, interpretation, and target generation. This drill campaign is testing extensional areas under cover with any intersection of spodumene bearing pegmatite potentially leading to significant resource growth. GL1 will use this year's drilling program to further unlock the exploration upside which still exists across our extensive Manna landholding and expand on the successes we have delivered to date drilling the primary Manna Resource area.

The Company expects the initial CY24 drilling program will span approximately two months with results to be announced next quarter. With GL1 also due to release an update to the Manna Mineral Resource Estimate (MRE) in the current quarter, it is shaping up as an exciting period for the Company and its exploration team."

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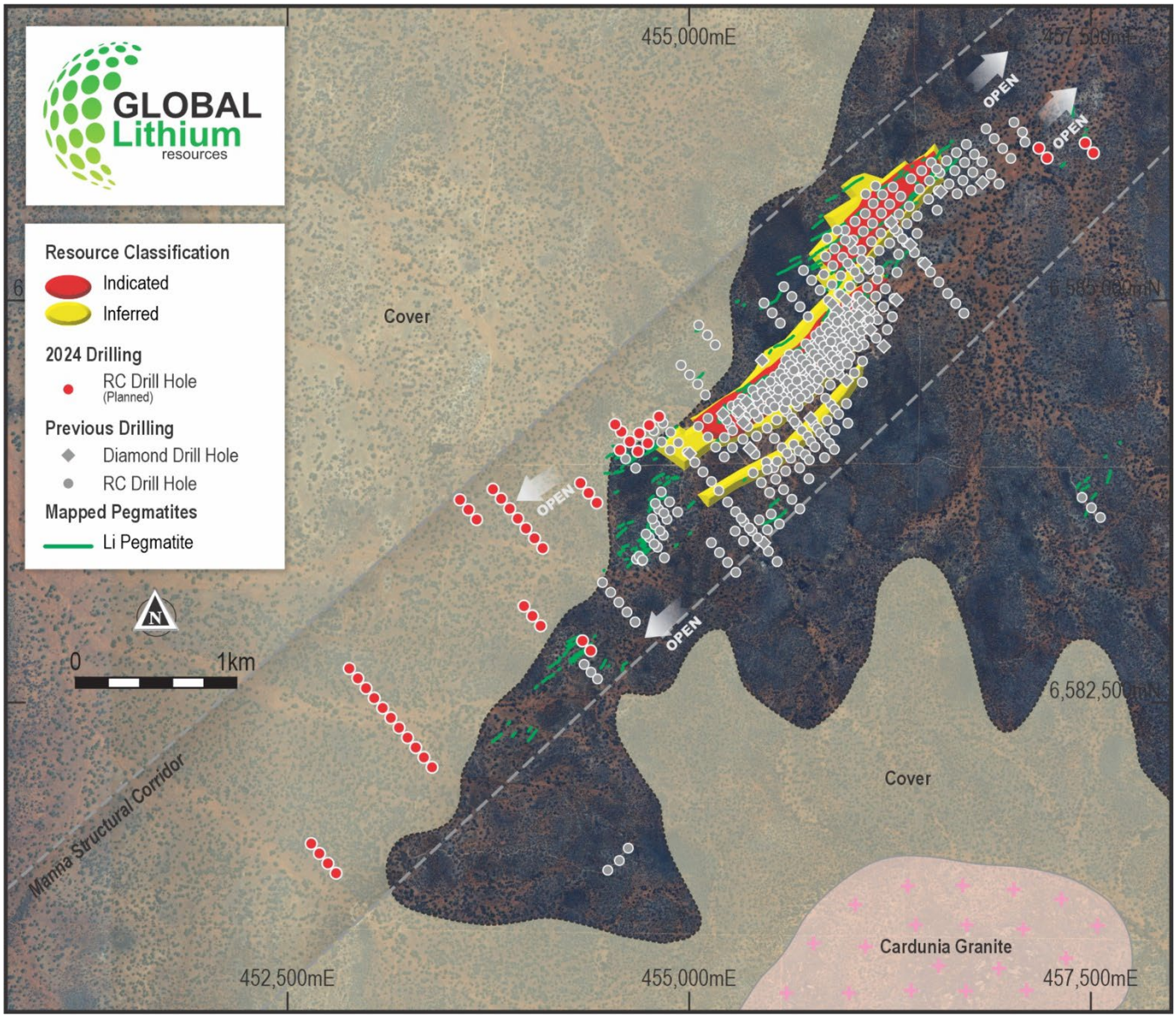

Figure 1. Manna Lithium Project exploration program overview highlighting existing and proposed drilling. The interpreted Manna Fault structural corridor is shown along with the Cardunia Granite and areas of transported cover.

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Figure 2. Manna Lithium Project drilling (aerial northeast view).

Figure 3. Profile RC rig on site at the Manna Lithium Project.

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 focussed mining exploration company with multiple assets in key lithium branded jurisdictions with a primary focus on the 100%-owned Manna Lithium Project in the Goldfields and the Marble Bar Lithium Project (MBLP) in the Pilbara region, Western Australia.

Global Lithium has now defined a total Indicated and Inferred Mineral Resource of 54Mt @ 1.09% Li_2O at its Manna and Marble Bar Lithium projects, confirming Global Lithium as a significant global lithium player.

Directors

Geoff Jones	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 (equity)	Category	Million Tonnes (Mt)	Li_2O%	Ta_2O_5 ppm
Marble Bar	*Indicated*	3.8	0.97	53
	Inferred	14.2	1.01	50
	Total	**18.0**	**1.00**	**51**
Manna	*Indicated*	20.2	1.12	56
	Inferred	15.8	1.14	52
	Total	**36.0**	**1.13**	**54**
Combined Total		**54.0**	**1.09**	**53**

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Competent Persons Statements:

Information on historical exploration results and Mineral Resources for the Manna Lithium Project presented in this announcement are contained in ASX announcements released on 20 March 2024 and 26 July 2023.

Information on historical exploration results and Mineral Resources for the Marble Bar Lithium Project presented in this announcement 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, that all material assumptions and technical parameters underpinning the Mineral Resource estimate in the original market announcements continue to apply and have not materially changed and that the form and context in which the Competent persons findings are presented have not been materially modified from the original announcements.

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