17 August 2023

DRILLING UNDERWAY AT MANNA

50,000m resource expansion drilling campaign commenced

Key Highlights

- Large Scale 50,000m Reverse Circulation (RC) and Diamond Drilling (DD) program has commenced at GL1's Manna Lithium Project
- Up to six drill rigs to be deployed as part of this year's exploration program
- DD rig to target LCT pegmatite extensions at depth along entire strike length
- Infill drilling program to achieve considerable resources in the Measured classification
- Results from the large-scale resource extension drilling campaign to be incorporated into an updated lithium Mineral Resource Estimate
- 20-person infrastructure expansion program has been completed to provide additional accommodation and operational facilities at the Manna project site
- Heritage surveys over the entire Mining Lease have been completed

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 Manna Lithium Project located 100km east of Kalgoorlie.

Following the recent signing of a land access agreement [1], heritage surveys across the entire Manna Mining lease application (MLA28/141) have been completed allowing commencement of the 50,000m RC and DD drilling program. This large-scale drilling program is specifically targeted to further expand the Manna Lithium Project resource that currently stands at **36Mt @ 1.13%Li_2O.**[2] In addition it is anticipated that an infill drilling campaign will also lead to considerable resources in the Measured classification to assist with mine planning.

Experienced drilling contractors K-Drill and Profile Drilling, who safely conducted the RC drilling program in 2022, and DDH1 Drilling who performed the Metallurgical DD core drilling at Manna this year have been re-appointed to undertake this year's drilling programs.

[1] *ASX Announcement: Land Access Agreement Signed for Manna Lithium Project, 16 June 2023*
[2] *ASX Announcement: Manna Lithium Project Resource Grows, 26 July 2023*

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The Company has also completed a significant upgrade of the exploration camp at the Manna project to provide additional accommodation, operational and dining facilities to house the extra staffing levels required to safely run a program of this scale.

The Company will update the Manna Lithium Project Mineral Resource Estimate (MRE) after the current drilling campaign is completed and all assay results have been received. This final resource estimate will be added to the completed DFS program potentially enhancing the projects economics and life of mine.

Global Lithium Head of Geology Stuart Peterson commented,

"I am pleased to see the drill rigs spinning again at the Manna Lithium Project after completing a significant amount of development and planning work throughout the first half of 2023. To complete the heritage surveys over the entire mining lease application area is a big step forward for the further development of the project and I am looking forward to seeing how large this resource can grow now we have a clear path for exploration and resource expansion."

The Company will provide regular updates on the progress of the drilling programs and milestones for the Manna Lithium Project DFS which will be running concurrently.

Figure 1. K-Drill RC drilling rig setup at the Manna Lithium Project.

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Figure 2. Profile RC drilling rig setup at the Manna Lithium Project.

Figure 3. Expanded exploration and operational camp infrastructure at the Manna Lithium Project.

Approved by the board of Global Lithium Resources Limited.

For more information:

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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 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 54Mt @ 1.09% Li_2O at its MBLP and Manna Lithium project, confirming Global Lithium as a significant global lithium player aiming to fast track into development.

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	Tonnes (T)	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 is contained in an ASX announcements released on 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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