

7 February 2022

60,000M DRILLING PROGRAM COMMENCES AT MARBLE BAR LITHIUM PROJECT

Largest Program Undertaken to Date

Key Highlights

- 380 hole, 60,000m RC drilling program has commenced targeting the area south of the Company's Archer Resource area
- Archer Resource contains an **Inferred Mineral Resource of 10.5Mt @ 1.0% Li₂O**
- Drilling will cover an area of over 2km to the south and east of the Company's existing resource
- RC program anticipated to take four - five months
- Planned diamond drilling to test deposit at depth
- Drilling program to feed into future project studies

Growing West Australia lithium company, Global Lithium Resources Limited (**ASX: GL1**, "**Global Lithium**" or "**the Company**") is pleased to advise that it has commenced a 60,000m reverse circulation (**RC**) drilling program, its largest to date, at the Marble Bar Lithium Project (**MBLP**). Drilling is to be carried out by WA based drilling contractor Orlando Drilling Pty Ltd, a subsidiary of Dynamic Group Holdings Limited (**ASX:DDB**).

The RC rig was mobilised to site last week with drilling successfully commenced. A second rig is currently being prepared and when on site, GL1 will move to running both day and night shifts at MBLP.

The drilling program, the Company's first for 2022 and its largest to date, will comprise approximately 380 drill holes for an estimated 60,000m of RC drilling. Initially the program will target areas to the south of the Archer Resource and where previous drilling has identified mineralised pegmatites over a six km strike length.

The planned drill holes have been broadly categorised as Priority 1 through to Priority 4 and will be drilled accordingly. The drilling will extend over a distance of two kms to the south and east of the present Archer resource area.

As the program unfolds, the results of the drilling will be closely monitored and areas that demonstrate mineralisation will be followed up with additional infill holes. The drilling may also extend further to the

south, where tenements have recently been geochemically sampled as a program to generate, new prospective drill targets.

With such a large program Global Lithium has appointed CSA Global, a leading mining and geological consulting company, to manage the day-to-day drilling program supported by GL1's Manager of Exploration, Bryan Bourke.

Global Lithium Chair, Warrick Hazeldine commented,

“We are thrilled to have commenced our Company’s largest drilling program to date at our highly prospective MBLP. The program will build off the success of the 2021 programs at the Project and thoroughly test the extent of the mineralisation contained within the greenstones to the south of the Archer Deposit, which contains an Inferred Mineral Resource of 10.5Mt @ 1.0% Li₂O.”

“The lithium sector in the Pilbara has the potential to become this generation’s mining success story in Western Australia and deliver parallels to the growth achieved in recent decades by the region’s iron ore industry. Global Lithium has a significant opportunity to play a major role in this expansion at MBLP. Not only are we advancing an exciting project in a well-established mining region, but we have also secured a cornerstone strategic investor, Yibin Tianyi, to help drive development of this asset”.

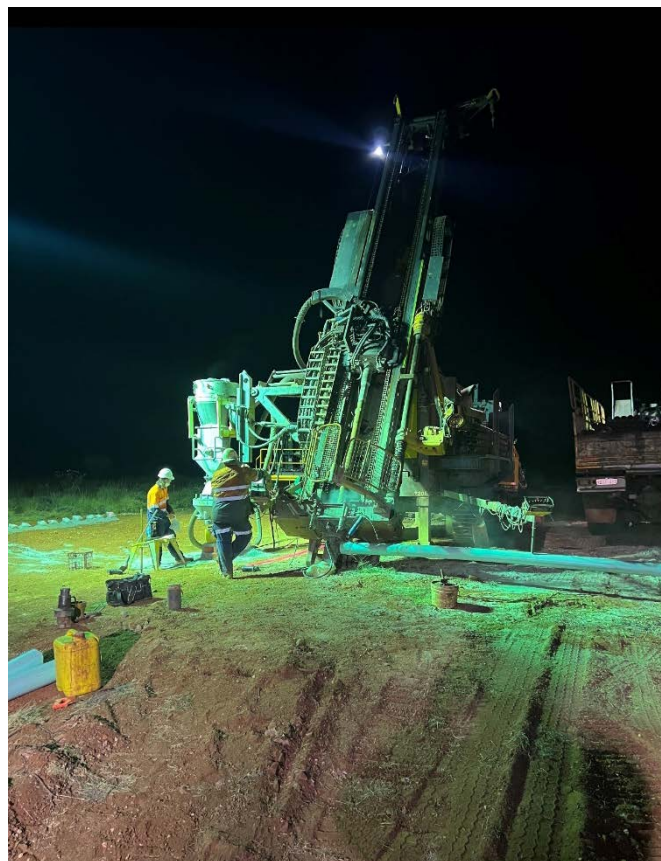


Figure 1. RC drilling has commenced at MBLP over the weekend

Airborne Geophysics Completed

GL1 is also pleased to report it has completed its ~5,343 km airborne magnetics and radiometrics survey covering the tenements to the north, east and south of Marble Bar.

The purpose of the airborne survey was to acquire this high-resolution geophysical data to provide greater detail of the areas geology and also the structural features that are known to control prospective mineralisation.

The survey was completed on time and within budget and is now being processed by GL1's geophysical consultants, Resource Potentials, who will complete their QAQC on the data integrity and then produce the magnetic and radiometric images for use in the final interpretation phase.

GL1 has now completed high resolution airborne data over a majority of the Marble Bar tenements, and this will contribute significantly to the local and regional interpretation of the geology and structure and assist in the targeting of the drilling.

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 an emerging lithium exploration company with a primary focus on the 100%-owned Marble Bar Lithium Project (MBLP) in the Pilbara region of Western Australia.

Global Lithium has defined a maiden Inferred Mineral Resource of 10.5Mt @ 1.0% Li₂O at its Archer deposit, confirming the MBLP as a significant new greenfields Lithium discovery.

In December 2021, Global Lithium acquired an 80% interest in the Manna Lithium Project, 100km east of Kalgoorlie, WA. The company now has two premier lithium exploration projects in a tier-1 jurisdiction on which it will progress exploration during 2022.

Global Lithium's major shareholders include Yibin Tianyi Lithium Industry Co Ltd (Yibin Tianyi), a joint venture between Suzhou TA&A Ultra Clean Technology Co. Ltd (SZSE: 300390) (Suzhou TA&A) (68%) and CATL (SZSE: 300750) (25%), the world's largest EV battery producer.

Directors effective 1 March 2022

Warrick Hazeldine, Non Executive Chair

Ron Mitchell, Executive Director

Dr Dianmin Chen, Non Executive Director

Greg Lilleyman, Non Executive Director

Competent Persons Statement:

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.

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 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.