

## DRILLING UPDATE - McDERMITT LITHIUM PROJECT, USA

- 10 diamond holes completed as part of 28 hole program
- RC drilling expected to commence mid-September
- First assay results expected in October

Jindalee Resources Limited (**Jindalee**, the **Company**) is pleased to provide an update on drilling at its 100% owned McDermitt Lithium Project located in Oregon, USA.

The 2022 program (total 28 holes) is designed to infill and extend the Mineral Resource Estimate (MRE) announced on 6 July 2022 of 1.82 Bt @ 1,370 ppm lithium for 13.3 Mt LCE (Lithium Carbonate Equivalent) at 1,000ppm Li cut-off<sup>1</sup>. Diamond drilling commenced late July<sup>2</sup> with 10 holes (total 1,536m) completed to date (Figures 1, 2 & 3; Annexure A); a Reverse Circulation (RC) drill rig is expected mid-September to complete the remaining 18 holes.

All 10 holes drilled to date intersected significant thicknesses of the sediments hosting the lithium mineralisation at McDermitt, with holes MDD024 and MDD025 (on the western edge of the MRE) the deepest holes drilled at McDermitt to date, reaching a maximum depth of 228m (MDD025). Core from the first holes has been logged, cut and samples submitted for analysis, with initial assay results expected in October (Figure 2). Core recovery was excellent.



Figure 1. Diamond drilling at McDermitt (August 2022)



Figure 2. Mineralised Sediments (MDD022: 25.5 - 29.0m)

Approval for a total of 39 RC and diamond drill holes was received from the Oregon Department of Geology and Mineral Industries (DOGAMI) in October 2021. In total, 12 holes designed to increase confidence in the 2021 MRE<sup>3</sup> and convert Inferred Mineral Resource to Indicated were drilled in December 2021, with 11 completed and one (MDRC018) abandoned prior to reaching target depth. The drilling resulted in a 28% increase in contained lithium (from 10.1 Mt LCE to 13.3 Mt LCE). Importantly, contained lithium in the Indicated Mineral Resource increased by 170%, from 1.8 Mt LCE to 4.8 Mt LCE<sup>1,3</sup> (Table 1).

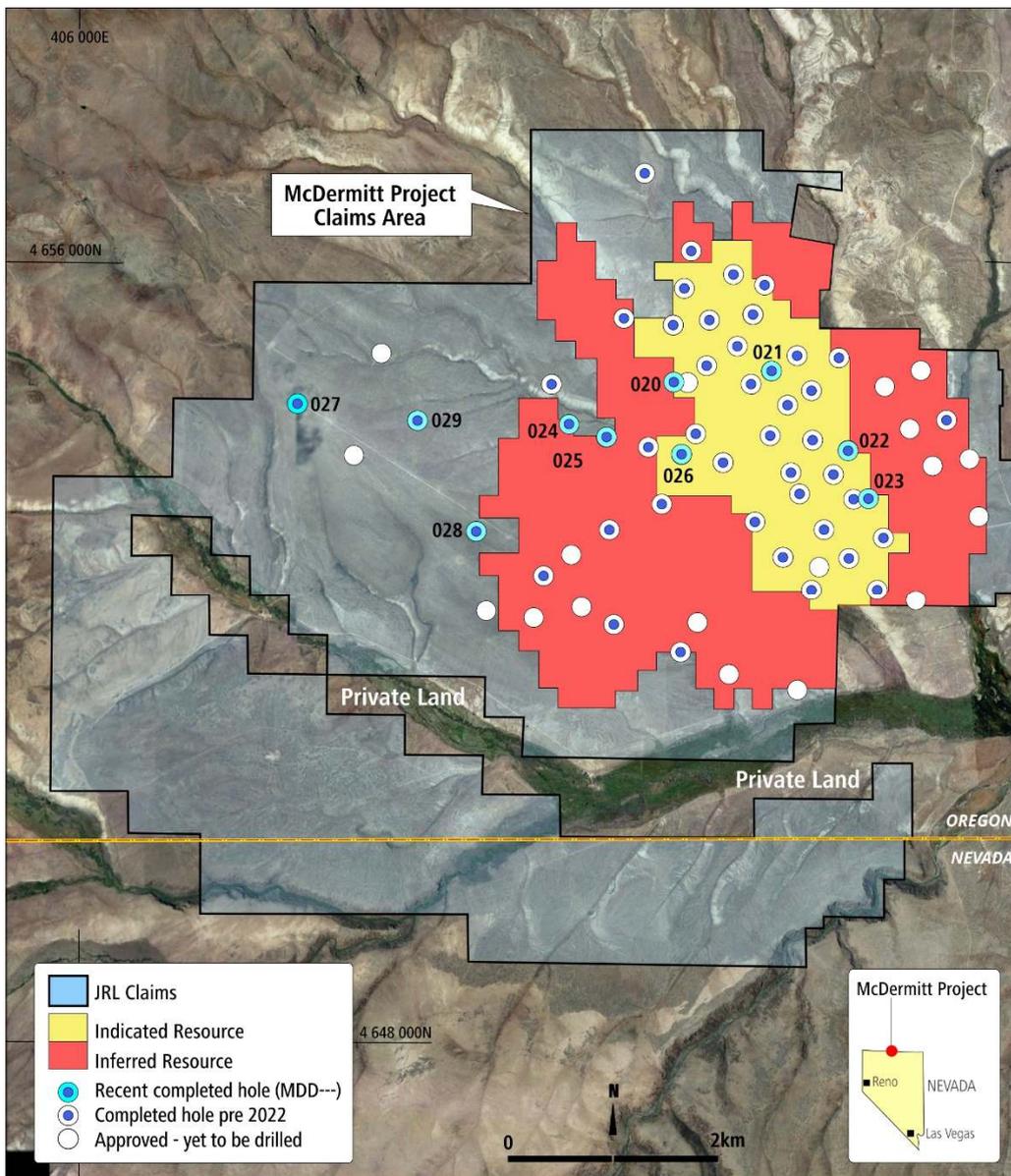


Figure 3. Plan view of the McDermitt Lithium Project with drill collars and 2022 Mineral Resource (at 1523mRL).

A total of 28 holes (10 diamond and 18 RC) will be drilled in the current program, with holes planned to further increase confidence in the Inferred Mineral Resource and convert to Indicated Resource, as well as determine the extent of lithium mineralisation across the project (Figure 3).

Initial assays are anticipated to be received in October, with results to be announced as they become available.

	2021 Mineral Resource			2022 Mineral Resource			% Difference		
	Tonnage (Mt)	Li Grade (ppm)	LCE (Mt)	Tonnage (Mt)	Li Grade (ppm)	LCE (Mt)	Tonnage (Mt)	Li Grade (ppm)	LCE (Mt)
<b>Indicated Resource</b>	233	1,430	1.8	616	1,460	4.8	165%	2%	170%
<b>Inferred Resource</b>	1,200	1,300	8.3	1,200	1,310	8.4	-2%	0%	-1%
<b>Total</b>	<b>1,430</b>	<b>1,320</b>	<b>10.1</b>	<b>1,820</b>	<b>1,370</b>	<b>13.3</b>	<b>25%</b>	<b>3%</b>	<b>28%</b>

Table 1 – Comparison of 2021<sup>2</sup> and 2022<sup>1</sup> McDermitt Mineral Resource Estimates at the reporting cut-off of 1,000ppm.  
Note: totals may vary due to rounding.

Authorised for release by the Board of Jindalee Resources Limited.

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#### Annexure A: Drill hole summary table for diamond drilling completed at McDermitt in 2022

Hole ID	Easting	Northing	RL	Dip/Azi	EoH (m)
MDD020	412030	4654791	1574	-90/0	146
MDD021	413081	4654923	1598	-90/0	111
MDD022	413753	4654002	1543	-90/0	123
MDD023	413876	4653541	1580	-90/0	148
MDD024	410969	4654436	1646	-90/0	203
MDD025	411360	4654222	1634	-90/0	228
MDD026	412110	4654039	1604	-90/0	160
MDD027	408089	4654521	1684	-90/0	127
MDD028	410029	4653258	1637	-90/0	182
MDD029	409443	4654433	1637	-90/0	106

Note: All coordinates are Zone NAD83 Z11

### About Jindalee

Jindalee Resources Limited (ASX: JRL) is an exploration company with direct and indirect exposure to lithium, gold, base and strategic metals, iron ore, uranium and magnesite through projects generated by the Company's technical team. Jindalee has a track record of rewarding shareholders, including priority entitlements to several successful IPO's and payment of a special dividend.

Jindalee's strategy is to acquire prospective ground, add value through focussed exploration and either advance key assets to development, introduce partners to assist in funding further progress, or fund this activity via a dedicated company in which Jindalee retains a significant interest.

At 30 June 2022 Jindalee held cash and marketable securities worth approximately \$10.8M<sup>4</sup>, which combined with the Company's tight capital structure (only 57.4M shares on issue), provides a strong base for advancing projects currently held by Jindalee and leveraging into new opportunities.

### References:

Additional details including JORC 2012 reporting tables, where applicable, can be found in the following releases lodged with ASX and referred to in this announcement:

1. Jindalee Resources ASX announcement 06/07/2022: "170% Increase to Indicated Resource at McDermitt".
2. Jindalee Resources ASX announcement 25/07/2022: "Drilling commences at McDermitt Lithium Project, USA"
3. Jindalee Resources ASX announcement 08/04/2021: "McDermitt Lithium Project confirmed as largest in USA".
4. Jindalee Resources ASX Announcement 28/07/2022: "Quarterly Activities Report" and "Quarterly Cashflow Report".

### Competent Persons Statement

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Lindsay Dudfield and Mr Brett Marsh. Mr Dudfield is a consultant to the Company and a Member of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Marsh is a consultant to the Company and an American Institute of Professional Geologists (AIPG) Certified Professional Geologist and a Registered Member of the Society for Mining, Metallurgy & Exploration (SME). Both Mr Dudfield and Mr Marsh have sufficient experience relevant to the styles of mineralisation and types of deposits under consideration, and to the activity being undertaken, to qualify as Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves.' Mr Dudfield and Mr Marsh consent to the inclusion in this report of the matters based on this information in the form and context in which it appears.

The information in this report that relates to the Mineral Resource Estimates for the McDermitt deposit is based on information compiled by Mr. Arnold van der Heyden, who is a Member and Chartered Professional (Geology) of the Australasian Institute of Mining and Metallurgy and a Director of H&S Consultants Pty Ltd. Mr. van der Heyden has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code). The Company confirms that it is not aware of any further new information or data that materially affects the information included in the original market announcement by Jindalee Resources Ltd (JRL) entitled "170% increase to Indicated Resource at McDermitt" released on 6 July 2022 and in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. To the extent disclosed above, the Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

### Forward-Looking Statements

This document may contain certain forward-looking statements. Forward-looking statements include but are not limited to statements concerning Jindalee Resources Limited's (Jindalee's) current expectations, estimates and projections about the industry in which Jindalee operates, and beliefs and assumptions regarding Jindalee's future performance. When used in this document, the words such as "anticipate", "could", "plan", "estimate", "expects", "seeks", "intends", "may", "potential", "should", and similar expressions are forward-looking statements. Although Jindalee believes that its expectations reflected in these forward-looking statements are reasonable, such statements are subject to known and unknown risks, uncertainties and other factors, some of which are beyond the control of Jindalee and no assurance can be given that actual results will be consistent with these forward-looking statements.