ASX ANNOUNCEMENT
9 September 2024

EGM Reminder

Lake Resources N.L. (ASX: LKE; OTC: LLKKF) ("Lake" or "the Company") reminds shareholders of the Extraordinary General Meeting occurring on Monday, 16 September 2024 at 9:00 am (Queensland time) as a hybrid virtual meeting.

Please see the Notice of Extraordinary Meeting released on ASX on 16 August 2024.

The Company encourages shareholders to attend and participate in the meeting either in person at The Boardroom, BDO, Level 10, 12 Creek Street, Brisbane QLD 4000 or virtually through an online meeting platform powered by Automic. Regardless of whether attendance is in person or virtually, shareholders will be able to watch, listen, ask questions and vote, in each case on the resolutions set out in the Notice of Extraordinary Meeting.

The Company also takes the opportunity to summarise those resolutions below:

Regarding Resolution One – the ratification of prior issue of March Placement Shares issued under Listing Rule 7.1. The effect of this Resolution is to renew Lake's annual placement capacity. The Board recommends a Yes vote.

Regarding Resolution Two and Three – the approval of the issuance of restricted stock units ("RSU") and performance stock units to Lake Managing Director and CEO David Dickson. These proposed issuances correspond respectively to past performance in 2022/2023, with Mr. Dickson meeting his scorecard Key Performance Indicators ("KPIs") for FY2023 (Resolution Two) and separately in accordance with the terms of the Employee Awards Plan (Resolution Three), the intent of which is to further align Mr. Dickson's long-term incentive compensation structure with the interests of the shareholders and to minimise cash expenditures. Shareholders should also consider the ASX announcement on 1 July 2024 in which the Company announced that Mr. Dickson has agreed to a voluntary deferral of a significant portion of his base salary in order to further minimise the Company's cash expenditures at this time. As to Resolution Two, the Board (with Mr. Dickson abstaining) recommends a Yes vote. The Board does not make a recommendation on Resolution Three because of their personal interest in the grants proposed to be made pursuant to the Resolution (as those grants are being made to the directors of the Company).

Regarding Resolutions Four and Five – the approval of the issuance of RSUs to Mr. Stuart Crow and Dr. Robert Trzebski under Employee Awards Plan for 2023. As with Mr. Dickson's proposed RSU grant under the Employee Awards Plan, these grants are intended to further align the long-term incentive compensation structure of the Company's directors with the interests of the shareholders and to minimise cash expenditures (as such grants to the directors of the Company are proposed to be made in lieu of cash-based fees). Again, the Board does not make a recommendation on

Resolutions Four or Five because of their personal interest in the grants proposed to be made pursuant to in the Resolutions (as those grants are being made to the directors of the Company).

Regarding Resolution Six – the approval for issuance of shares to Acuity Capital. Approval of this resolution would allow the Company to issue shares to Acuity Capital without using the Company's 15% annual placement capacity and would enable Lake to continue utilising the At-the-Market subscription with Acuity Capital to raise additional capital in a cost-effective manner. The Board recommends a Yes vote.

The Company otherwise directs shareholders to the Notice of Extraordinary Meeting released on 16 August 2024 for a full explanation on the resolutions above and further information in relation to the meeting itself.

A reminder on accessing and voting at the Meeting virtually

Shareholders who wish to vote virtually on the day of the Meeting will need to login to the online meeting platform powered by Automic.

To access the virtual meeting on the day:

1. Open your internet browser and go to investor.automic.com.au
2. Login with your username and password or click "register" if you haven't already created an account. Shareholders are encouraged to create an account prior to the start of the meeting to ensure there is no delay in attending the virtual meeting
3. After logging in, a banner will display at the bottom of your screen to indicate that the meeting is open for registration, click on "Register" when this appears. Alternatively, click on "Meetings" on the left-hand menu bar to access registration.
4. Click on "Register" and follow the steps
5. Once the Chair of the Meeting has declared the poll open for voting click on "Meeting open for voting" to be taken to the voting screen
6. Select your voting direction and click "confirm" to submit your vote. Note that you cannot amend your vote after it has been submitted

For further information on the live voting process please see the Registration and Voting Guide at https://www.automicgroup.com.au/virtual-agms/

For investor queries, please contact:
InvestorRelations@lakeresources.com.au or log onto Investor Hub through Lake's public website

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About Lake Resources N.L. (ASX:LKE OTC:LLKKF)
Lake Resources N.L. (ASX:LKE, OTC:LLKKF) is a responsible lithium developer utilising state of-the-art ion exchange extraction technology for production of sustainable, high purity lithium from its flagship Kachi Project in Catamarca Province within the Lithium Triangle in Argentina. Lake also has three additional early-stage projects in this region.

This ion exchange extraction technology delivers a solution for two rising demands – high purity battery materials to avoid performance issues, and more sustainable, responsibly sourced materials with low carbon footprint and significant ESG benefits.

Forward Looking Statements:
Certain statements contained in this announcement, including information as to the future financial performance of the projects and the Company, are forward-looking statements. Such forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Lake Resources N.L. are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; involve known and unknown risks and uncertainties and other factors that could cause actual events or results to differ materially from estimated or anticipated events or results, expressed or implied, reflected in such forward-looking statements; and may include, among other things, statements regarding targets, estimates and assumptions in respect of production and prices, operating costs and results, capital expenditures, reserves and resources and anticipated flow rates, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions and affected by the risk of further changes in government regulations, policies or legislation and that further funding may be required, but unavailable, for the ongoing development of Lake's projects. Lake Resources N.L. disclaims any intent or obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise. The words "believe", "expect", "anticipate", "indicate", "contemplate", "target", "plan", "intends", "continue", "budget", "estimate", "may", "will", "schedule" and similar expressions identify forward-looking statements. All forward-looking statements made in this announcement are qualified by the foregoing cautionary statements. Investors are cautioned that forward-looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on forward-looking statements due to the inherent uncertainty therein. Lake does not undertake to update any forward-looking information, except in accordance with applicable securities laws.