ASX ANNOUNCEMENT

15 April 2024

Reminder: Closing Date for Share Purchase Plan This Thursday, 18 April 2024

Lake Resources (ASX: LKE; OTC: LLKKF) ("Lake" or the "Company") reminds all eligible shareholders that the Share Purchase Plan ("SPP") announced on 12 March 2024 and extended on 2 April 2024 will close this coming Thursday, 18 April 2024 at 5:00pm (AEST).

Following the Placement announced on 12 March 2024, the SPP provides an opportunity for all eligible shareholders to participate in the Company's efforts to raise capital (in addition to reducing costs) to extend its financial runway until completion of the strategic partnership process. The SPP was extended to allow sufficient time for all eligible shareholders to participate and complete applications following the Easter holiday period.

We encourage all eligible shareholders to review the SPP Offer Booklet accessible via the Automic Investor Portal and if participating in the SPP, to apply before the SPP closes this coming Thursday, 18 April 2024 at 5:00pm (AEST).

The SPP provides eligible shareholders with an opportunity to apply for up to A\$30,000 of new fully paid ordinary shares in Lake at an issue price of A\$0.07 per share without incurring brokerage or other transaction costs.

Shareholders that have already applied for shares under the SPP are not required to re-submit their application form unless they wish to apply for additional shares up to the maximum application amount of A\$30,000.

Timetable*

The timetable for the SPP is as follows:

Item	Date
Record date (the time that eligibility to participate	7:00pm (AEDT) Monday, 11 March 2024
in the SPP Offer is determined)	
Announcement of Placement result and SPP Offer	Tuesday, 12 March 2024
Settlement of Placement shares	Monday, 18 March 2024
SPP Offer open date and Offer Booklet made	Monday, 18 March 2024
available	
Allotment and trading of Placement shares	Tuesday, 19 March 2024
SPP Offer closing date	5:00pm (AEDT) Thursday, 18 April 2024
Announcement of results of SPP Offer	Tuesday, 23 April 2024
Settlement of SPP Shares	Tuesday, 23 April 2024
Issue and Allotment of SPP Shares	Wednesday, 24 April 2024
Normal trading of SPP Shares expected to	Friday, 26 April 2024
commence on ASX	
Dispatch of holding statements for SPP Shares	Friday, 26 April 2024

^{*}The above timetable is indicative only and subject to change. Lake reserves the right to amend any or all of these dates at its absolute discretion, subject to the Corporations Act 2001 (Cth), the ASX Listing Rules and other applicable laws.

Further information

Further details of the SPP are set out in the Investor Presentation provided to the ASX on 12 March 2024 and in the SPP Offer Booklet accessible via the Automic Investor Portal. The Investor Presentation contains important information including key risks and foreign selling restrictions.

This release is approved by the Board of Directors.

Lake Investors please contact:

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About Lake Resources NL (ASX:LKE OTC:LLKKF)

Lake Resources NL (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, 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.