

ASX ANNOUNCEMENT

9 July 2026

Appointment of Michael Gabora as Competent Person

Lake Resources N.L. (ASX: LKE; OTC: LLKKF) (“Lake” or “the Company”) is pleased to announce the appointment of Mr Michael Gabora as the Company’s Competent Person. Mr Gabora will replace Mr Andrew Fulton as the Company’s Competent Person effective immediately.

Mr Gabora is a registered geoscientist in Ontario, Canada, and in Arizona and Texas, United States, and is a member of the Australian Institute of Geoscientists. He holds over 25 years of professional experience in mining hydrogeology, hydrogeochemical interpretation and groundwater modelling — the foundational disciplines underlying lithium brine resource characterisation and development — and has applied these methods to lithium brine projects since 2018. Since 2011, Mr Gabora has worked on the hydrogeology of major projects across Argentina, including Los Azules, Taca Taca, Veladero and Centenario-Ratones, together with lithium brine exploration programs in Jujuy and Salta provinces, the Smackover Formation of Arkansas and in Nevada, United States.

Mr Gabora served as Lake's Director of Hydrogeology from March 2023 to July 2024 and has continued to contribute to the Kachi Project's technical updates and permitting since 2024 as a principal consultant. During his time at Lake, Mr Gabora led field and technical programs that supported the Mineral Resource Estimate (MRE) updates announced in November 2023 and June 2025, the maiden Ore Reserve and the wellfield development plan within the Phase One Definitive Feasibility Study (DFS) announced in December 2023, and was directly responsible for the numerical modelling and wellfield optimisation underpinning the DFS Addendum and Ore Reserve update announced in August 2025.

Since March 2023, Mr Gabora and Mr Fulton have worked in close collaboration advancing the hydrogeological understanding of the Kachi Project, the MRE updates, the numerical modelling underpinning the Ore Reserve, and the strategy for developing the Kachi lithium brine resource in an efficient and cost-effective manner that is protective of the natural resources of the area.

Mr Gabora 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.

The Company welcomes Mr Gabora to the Competent Person role and thanks Mr Fulton for his valued service.

Company and Investor Contact:

InvestorRelations@lakeresources.com.au

Media Contact:

Nigel Kassulke
+61 407904874

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.

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.