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Lake Secures Global Institutional Backing in Oversubscribed \$20M Placement

- Lake Resources raises A\$20.6 million at a 12% premium to the 10day VWAP in a placement to global institutional investors.
- Lake's flagship Kachi Lithium Brine Project now fully funded through to the construction phase in 2022 allowing the Company to speed development of sustainable, high purity lithium.
- Roth Capital Partners appointed as financial adviser to assist the company broaden its investor base across global markets.

Clean lithium developer **Lake Resources NL (ASX:LKE; OTC:LLKKF)** announced today it has received commitments for A\$20.6 million (before costs) to issue approximately 125 million new ordinary shares at an offer price of \$0.165 per share to institutional investors. Every two new offer shares will have one attached option (approximately 62.5 million options) with an exercise price of A\$0.30 with a two year expiry, subject to shareholder approval ("Placement").

Settlement is anticipated to be Wednesday, 27 January 2021. The Placement was priced at 6% discount to the 5 day VWAP and a 12% premium to 10 day VWAP (Volume Weighted Average Price)

The Company intends to use the net proceeds from the Placement as follows:

- operate the lithium chloride direct extraction Pilot plant in California;
- commission the Demonstration Plant on site at Kachi to produce larger samples for off-takers;
- complete the Definitive Feasibility Study (DFS) at Kachi;
- complete the Environmental and Social Impact Study (ESIA) at the Kachi Project;
- exploration and evaluation studies across all projects and working capital.

Roth Capital Partners, LLC (Roth) acted as sole placement agent.

Lake Resources Chairman Stu Crow commented: *"This is a transformational moment for Lake and its shareholders. We are excited to secure this support from North American, European and Australian institutional investors at this defining moment of the company's development. Roth Capital has introduced a number of new investors to Lake who follow the rapidly growing clean tech battery materials sector and will broaden our exposure to international financial markets. We welcome Roth Capital to our team."*

Lake Resources Managing Director, Steve Promnitz, said: *"Securing these funds delivers certainty to deliver the flagship Kachi project through the Definitive Feasibility Study amid the rapid growth of the clean energy sector. This transaction places the company in its strongest financial position ever. Lake will hold in excess of A\$25 million following this placement and anticipates a further \$6m to be added by July as existing options convert."*

Lake Resources NL is a clean lithium developer utilising direct extraction technology for the production of sustainable, high purity lithium from its flagship Kachi Project within the Lithium Triangle. This direct extraction method delivers a solution for two rising demands of electric vehicle batteries – high purity battery materials to avoid performance issues, and sustainable, responsibly sourced materials.

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This transaction follows Lake's announcement that it had secured approval for real-time electronic clearing and settlement in the United States for its OTCQB-listed shares, LLKKF (refer ASX announcement 20 January 2021).

About Roth Capital Partners

Roth Capital Partners, LLC (Roth), is a relationship-driven investment bank focused on serving emerging growth companies and their investors. As a full-service investment bank, Roth provides capital raising, M&A advisory, analytical research, trading, market-making services and corporate access. Headquartered in Newport Beach, CA, Roth is privately-held and employee owned, and maintains offices throughout the U.S. For more information on Roth, please visit www.roth.com.

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

Clean high purity lithium using efficient disruptive clean technology

Lake Resources NL (ASX:LKE, OTC: LLKKF) is a clean lithium developer utilising direct extraction technology for production of sustainable, high purity lithium from its flagship Kachi Project within the Lithium Triangle in Argentina among other projects covering 200,00 ha. This direct extraction method delivers a solution for two rising demands of electric vehicle batteries – high purity battery materials to avoid performance issues, and more sustainable, responsibly sourced materials.

- 1. Clean-Tech:** Efficient, disruptive, cost-competitive technology using well-known water treatment re-engineered for lithium (not mining). Technology partner, Lilac Solutions Inc, supported by Bill Gates led Breakthrough Energy fund and MIT's The Engine fund.
- 2. High Purity:** 99.97% purity lithium carbonate samples never previously delivered at scale in a cost competitive manner for a premium price (refer ASX announcement 9 January 2020 and 20 October 2020).
- 3. Sustainable /ESG:** Far smaller environmental footprint than conventional methods, that returns virtually all water (brine) to its source without changing its chemistry, avoiding "water politics" in arid environments for a better outcome for local communities.
- 4. Prime Location, Large Projects:** Flagship Kachi project in prime location among low cost producers with a large lease holding (70,000 ha) and expandable resource (4.4 Mt LCE) of which only 20% is used for 25 years production at 25,500tpa (JORC Resource: Indicated 1.0Mt, Inferred 3.4Mt, refer ASX announcement 27 November 2018). Pre-feasibility study by tier 1 engineering firm shows large, long-life low-cost operation (refer ASX announcement 28 April 2020).

An innovative direct extraction technique, based on a well-used ion exchange water treatment method, has been tested for over 18 months in partnership with Lilac Solutions, with a pilot plant module in California operating on Kachi brines and has shown 80-90% recoveries. Battery quality lithium carbonate (99.97% purity) has been produced from Kachi brine samples with very low impurities (refer ASX announcement 20 October 2020). The first samples of high purity (99.97% purity) battery quality lithium carbonate is being tested in a NMC622 battery by Novonix. Hazen will produce further samples for downstream supply chain participants and off-takers.

This method of producing high purity lithium can revolutionise and disrupt the battery materials supply industry as it's scalable, low cost, and delivers a consistent product quality.

Lake's other projects include the Olaroz and Cauchari brine projects, located adjacent to major world class brine projects in production or construction, including Orocobre's Olaroz lithium production and adjoins the impending production of Ganfeng Lithium/Lithium Americas' Cauchari project. Lake's Cauchari project has shown lithium brines over 506m interval with high grades averaging 493 mg/L lithium (117-460m) with up to 540 mg/L lithium. These results are similar to lithium brines in adjoining leases and infer an extension and continuity of these brines into Lake's leases (refer ASX announcements 28 May, 12 June 2019).

For more information on Lake, please visit <http://www.lakeresources.com.au/home/>