

FREE REPORT

These Dividend Stocks Could be Your Ultimate Cash Kings

FREE

Grab Your Free Report Now

[Home](#) / [Sponsored](#)

Sponsored

Lake Resources' Kachi Lithium project makes major headways in December quarter

February 05, 2021 03:10 PM AEDT | [Hina Chowdhary](#)

[f](#) [t](#) [in](#)



Summary

- Lake Resources has commenced a Definitive Feasibility Study for its Kachi Project, which is being led by Dr Nicholas Lindsay, recently appointed as Technical Director.
- LKE has transported high purity battery quality lithium carbonate (Li₂CO₃) to Novonix, and the testing is expected to conclude in the current quarter.
- LKE is also well cashed up after raising A\$20 million via construction finance in January 2021.

Lithium development company Lake Resources N.L. ([ASX:LKE](#)) has been working against the clock along with its partners to develop high-quality lithium products. Impressively, the Company has made notable progress during the past quarter ended 31 December 2021.

LKE's flagship project Kachi Lithium Brine Project, which holds a total resource of 4.4 million tonnes LCE (Lithium Carbonate Equivalent), has undergone various exploration activities, and the Company is focussed on steering the project towards production. For this purpose, LKE has partnered with Lilac Solutions Inc to utilise their direct extraction technology, which is deemed as efficient and low cost-competitive.

Related: [Lake Resources' Technology Partner in California Picks Up Steam After Restrictions are Lifted](#)

Invest Nest Webinar Series

Unlocking Opportunities in Resources Sector

10th Feb 2021 | 12:30 PM AEDT

[Register Now](#)

Recent News

[South 32 Bid To Extend The Coal Project Stalled By NSW Commission](#)

February 05, 2021 06:09 PM AEDT | [Hina Chowdhary](#)

[Little Green Pharma \(ASX:LGP\) Ships First Order To Germany](#)

February 05, 2021 05:52 PM AEDT | [Kunal Sawhney](#)

[Remdesivir Drives Gilead's Q4 FY20 Sales, Sales Momentum Likely To Continue](#)

February 05, 2021 05:23 PM AEDT | [Team Kalkine](#)

FREE REPORT

These stocks seem set for huge gains for Post-Covid world

[Grab Your Free Report Now](#)

You May Like

[Oil Prospects: Current Economic Milieu And Path To Recovery](#)

July 06, 2020 08:10 PM AEST | [Hina Chowdhary](#)

[Lululemon Pays Half A Billion For MIRROR](#)

July 06, 2020 07:11 PM AEST | [Kunal Sawhney](#)

[Amazon's Jeff Bezos Sets A New Record As World's](#)

This technology has facilitated in producing high purity Lithium Carbonate (Li_2CO_3) from the brine samples of Kachi Project. The samples of this Li_2CO_3 were further processed into high purity Li_2CO_3 (99.97%). The production of Li_2CO_3 samples by Hazen remains in progress.

Maintaining purity is an integral element as the purity level of the Li_2CO_3 is critical to determine its pricing in the market. This means that there is potential for premium pricing if there are high purity results.

Interesting Read: [Lake Resources Zooms ~9% on ASX; New Research Reflects Kachi Project's High Potential](#)

Definitive Feasibility Study (DFS)

Lately, LKE has also commenced a Definitive Feasibility Study (DFS) for its Kachi Lithium Brine Project that supplements the exciting and strong Pre-Feasibility Study (PFS) completed in 2020. For the DFS, LKE has appointed Hatch as the lead consultant, and the study builds into the technical and economic viability of the Kachi Project centred on the direct lithium extraction process of Lilac.

LKE believes that the DFS is a significant breakthrough for further advancement of its Kachi Project. This aligns well with the Company's aim to emerge into a significant and successful maker of fine quality lithium product for the swiftly expanding battery market.

September Quarter Update: [Lake Resources \(ASX:LKE\) serves up a sparkling September Quarter, Produces Battery Quality Lithium Carbonates](#)

Further, the DFS will witness few related work streams progressing alongside in tandem. These include the ESIA (Environmental and Social Impact Study), the constant engagement of the community, and commissioning of a demonstration plant on-site towards the end of the current year.

Appointment of Dr Nicholas Lindsay

In another significant development, LKE has appointed Dr Nicholas Lindsay to the role of Technical Director with a view to managing the DFS and related workstreams. Dr Lindsay had previously served the role of Non-Executive Director at LKE besides having an international experience in the feasibility studies in South America. LKE is optimistic that they would be able to provide the DFS for Kachi project by the first quarter of 2022.

Related Update: [ASX-listed LKE cranks up Kachi Lithium Brine Project with Shallow Drill Testing](#)

High Purity Lithium Testing

LKE has transported Li_2CO_3 samples to Novonix Battery Technology Solutions to test it along with commercial battery cathode precursor materials in NMC622 batteries. The performance of LKE's lithium product will be assessed for consistency with Li-ion battery industry guidelines by implementing pilot cell line and proprietary advanced diagnostic tools of Novonix.

The data so generated will help prospective users and off-takers to appropriately compare the performance of LKE's product to peers. LKE expects this testing to conclude in the current quarter.

Interesting Read: [Lake Resources in a sounding position amid focus on e-vehicle production](#)

Financing and Cash Position

At the end of December quarter 2020, LKE was suitably financed for supporting its existing plans through to the construction finance phase, including the DFS. The Company had around A\$2 million cash on 31 December 2020 and had no debt.

On 25 January 2021, LKE held around A\$25 million in cash and commitments, including commitments secured for A\$20.6 million through a private placement. LKE has plans to utilise these funds towards various crucial activities, including the following:

Richest Person, With Net Worth Above \$171 Billion

July 06, 2020 05:03 PM AEST | Team Kalkine

- *Producing high purity Li_2CO_3 samples*
- *Operating the Li_2CO_3 direct extraction pilot plant*
- *Concluding the demonstration plant*
- *Finalising the Definitive Feasibility Study (DFS)*
- *Completing the Environmental and Social Impact Study (ESIA)*
- *Finance works related to project development and general exploration across all projects and working capital.*

READ MORE: [Lake Resources \(ASX:LKE\) welcomes global institutional backing via A\\$20 Mn commitments](#)

Other than this, the Company also raised A\$3.375 million through the issue of 40 million shares under the Controlled Placement Agreement with Acuity Capital Pty Ltd.

Overall, LKE has highlighted that the production of high purity Li_2CO_3 is possible through the direct lithium extraction process and is believed to be a sustainable solution for battery materials amid the international transformation towards clean energy. LKE eagerly looks forward to producing the cleanest battery quality Li_2CO_3 so that the same can be further used in the growing market for battery and electric vehicle.

INTERESTING READ: [Why are Lake Resources \(ASX:LKE\) shares making a splash in January?](#)

On 04 February 2021, LKE share price was trading at A\$0.285 with a market capitalisation of A\$277.09 million.

Comment

Disclaimer

The website <https://kalkinemediacom/au> is a service of Kalkine Media Pty. Ltd. (Kalkine Media) A.C.N. 629 651 672. The principal purpose of the content on this website is to provide factual information only and does not contain or imply any recommendation or opinion intended to influence your financial decisions and must not be relied upon by you as such. Some of the content on this website may be sponsored/non-sponsored, as applicable, but is NOT a solicitation or recommendation to buy, sell or hold the stock of the company (or companies) or engage in any investment activity under discussion. We are neither licensed nor qualified to provide investment advice through this platform. In providing you with the content on this website, we have not considered your objectives, financial situation or needs. You should make your own enquiries and obtain your own independent advice prior to making any financial decisions.

Some of the images that may be used on this website are copyright to their respective owner(s). Kalkine Media does not claim ownership of any of the pictures displayed on this website unless stated otherwise. The images that may be used on this website are taken from various sources on the web and are believed to be in public domain. We have used reasonable efforts to accredit the source (public domain/CCO status) to where it was found and indicated it below the image. The information provided on the website is in good faith, however Kalkine Media does not make any representation or warranty regarding the content, accuracy, or use of the content on the website.

Latest Videos



[Is GSK Eyeing on Another Covid-19 Vaccine Candidate?](#)



[Will Australia's Battle with Big Tech set a precedent for the rest of the world?](#)



[Ever wonder what the next car will look like?](#)

Featured Articles





[Opportunities galore for Podium Minerals' \(ASX:POD\) Parks Reef in the Shining Platinum Market](#)

[Lake Resources' Kachi Lithium project makes major headways in December quarter](#)

[Alchemy Resources \(ASX:ALY\) Cutting The Mustard With All-Round Progress](#)



[Greenland Minerals \(ASX:GGG\) supports Kvanefjeld Project's public consultation period extension](#)

[Alchemy Resources \(ASX:ALY\) On The March With Major Plans Across Projects](#)

[Brett Lambert joins Musgrave Minerals \(ASX:MGV\) as a non-executive director](#)



[Horizon Minerals \(ASX:HRZ\) Going Great Guns with its Regional Consolidation Strategy](#)

[Sneak peek at MRG Metals' \(ASX:MRQ\) progressive December 2020 quarter report](#)

[BlackEarth Minerals shares rocket 117% on Urbix deal](#)

TOP ASX LISTED COMPANIES

[BHP Group Limited \(ASX :BHP\)](#)

[Rio Tinto \(ASX :RIO\)](#)

[Commonwealth Bank of Australia \(ASX :CBA\)](#)

[Westpac Banking Corporation \(ASX :WBC\)](#)

[Australia and New Zealand Banking Group Limited \(ASX :ANZ\)](#)

[National Australia Bank Limited \(ASX :NAB\)](#)

[Wesfarmers Limited \(ASX :WES\)](#)

[Woolworths Group Ltd \(ASX :WOW\)](#)

[Macquarie Group Limited \(ASX :MQG\)](#)

[Telstra Corporation Limited \(ASX :TLS\)](#)

[Transurban Group \(ASX :TCL\)](#)

[Fortescue Metals Group Limited \(ASX :FMG\)](#)

[Woodside Petroleum Limited \(ASX :WPL\)](#)

[ResMed Inc \(ASX :RMD\)](#)

[Goodman Group \(ASX :GMG\)](#)

[Newcrest Mining Limited \(ASX :NCM\)](#)

[Aristocrat Leisure Limited \(ASX :ALL\)](#)

[Scentre Group \(ASX :SCG\)](#)

[Coles Group Limited \(ASX :COL\)](#)

[Sydney Airport \(ASX :SYD\)](#)

[Brambles Limited \(ASX :BXB\)](#)

[Ampcor PLC \(ASX :AMC\)](#)

[Insurance Australia Group Limited \(ASX :IAG\)](#)

[Santos Limited \(ASX :STO\)](#)

POPULAR STOCKS

[Dividend Stocks](#)

[Penny Stocks](#)

[Lithium Stocks](#)

[Technology Stocks](#)

[Gold Stocks](#)

[Cannabis Stocks](#)

[Mining Stocks](#)

MARKET INDICES

[ASX 20](#)

[ASX 50](#)

[ASX 100](#)

[ASX 200](#)

[ASX 300](#)

[All Ordinaries](#)

QUICK LINKS

[Upcoming Dividend](#)

[Dividend Yield](#)

[Director's Interest](#)

[Reporting Calendar](#)

[Life & Luxury](#)

[ETFs](#)

[Mutual Funds](#)

[Tech corner](#)

GENERAL

[Our Events](#)

[Podcast](#)

[Archive](#)

[Videos](#)

[Investment report](#)

CONTACT US

[Suite 202, 234 George Street, Sydney NSW 2000, Australia](#)

[\(02\) 90422308](#)

[info@kalkinemediamedia.com](#)

FOLLOW US



DOWNLOAD APP



[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#)
[X](#) [Y](#) [Z](#)

[About Us](#) [Contact Us](#) [Meet The Team](#) [Disclaimer](#) [T&C](#) [Privacy Policy](#) [Web Content Policy](#) [Cookie Policy](#)

Copyright © 2021 Kalkine Media Pty Ltd. All Rights Reserved.

ACN: 629 651 672 ABN: 84 629 651 672

