

FINANCIAL REVIEW

Lake Resources' shares surge 55pc on lithium pilot results

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Lithium production aspirant Lake Resources said a trail of technology to extract lithium carbonate from brine produced results above battery-grade.

The company said the trail had produced lithium carbonate with 99.9 per cent purity, which exceeded the battery-grade purity standard threshold of 99.5 per cent.



Lithium brine production traditionally employs giant evaporation ponds to extract lithium carbonate.

The process is a potential alternative to the time-intensive evaporation method used to extract lithium carbonate from brine.

The company said further testing will be undertaken with the goal of using the technology at its Kachi project in Argentina, which is at pre-feasibility stage.

"This is potentially groundbreaking for the industry that we have demonstrated that a high purity battery grade lithium carbonate can be produced using brines from Kachi after 9 months of detailed test work," managing director Steve Promnitz said.

"We are now focused on delivering greater volumes of battery grade lithium carbonate from Kachi brines and the pilot plant modules which will form the basis for more active engagement with potential off-takers increasingly focused on sustainability."

Lake Resources shares are 54.55 per cent higher today at 51¢.