

Jindalee Resources Ltd

15:43 19 Jul 2019

Jindalee Resources confirms high lithium recoveries with lower acid consumption

Jindalee Resources Ltd's (ASX:JRL) leach recycling tests have demonstrated high lithium recoveries with lower acid consumption at its McDermitt project on the Nevada-Oregon border in the US.

The ongoing metallurgical test work is being undertaken by Hazen Research of Golden, Colorado, and to date has demonstrated high lithium recoveries of more than 95% with short residence times using a conventional sulphuric acid leach.

The most recent tests tested two aspects:

- The potential to reduce acid consumption by recycling the leachate; and
- The potential for beneficiation of the run of mine ore by separation of a specific size fraction.

READ: Jindalee Resources raising up to \$1.05 million to accelerate US lithium exploration

The recycled leachate experiments involved taking the leachate from an individual leaching experiment, adding additional acid to make it up to the original acid concentration and leaching a fresh batch of ore.

Acid consumption for the second leaching experiment was 450 kilograms of hydrogen sulphate per tonne of ore compared with the average acid consumption in previous lithium recoveries of more than 95% of 530 kilograms.

This represents a saving of 15% on average acid consumption or saving of 11% on the previous best result of 506 kilograms of acid per tonne of ore.

The company believes this is substantial given that recent studies on similar lithium deposits in the US identified sulphuric acid is a major cost component and that a combination of high lithium extraction rates with lower acid consumption results in a reduction of capital and operating costs.

Attrition scrubbing tests on a portion of the same sample demonstrated that the minus 10µm fraction of the attritioned material assayed 0.34% lithium and contained 78% of the lithium in about 50% of the weight.

The implication of this work is that most of the lithium is contained within 50% of the run of mine ore and a simply industry standard process could be used to reject a large proportion of the ore at an early stage of any process.

Additional attrition scrubbing tests and ore characterisation work is underway to

Price: 0.285

Market Cap: \$10.97 m

1 Year Share Price Graph



Share Information

Code: JRL

Listing: ASX

52 week High Low
0.441388 0.215

Sector: General mining & base metals

Website: www.jindalee.net

Company Synopsis:

Jindalee Resources (ASX:JRL) is listed on the Australian Securities Exchange.

action@proactiveinvestors.com.au

understand this better and potentially achieve even better outcomes.

Proactive Investors facilitate the largest global investor network across 4 continents in 4 languages. With a team of analysts, journalists & professional investors Proactive produce independent coverage on 1000's of companies across every sector for private investors, private client brokers, fund managers and international investor communities.

Contact us +61 (0)2 9280 0700 action@proactiveinvestors.com.au

No investment advice

The Company is a publisher. You understand and agree that no content published on the Site constitutes a recommendation that any particular security, portfolio of securities, transaction, or investment strategy is suitable or advisable for any specific person. You understand that the Content on the Site is provided for information purposes only, and none of the information contained on the Site constitutes an offer, solicitation or recommendation to buy or sell a security. You understand that the Company receives either monetary or securities compensation for our services. We stand to benefit from any volume which any Content on the Site may generate.

You further understand that none of the information providers or their affiliates will advise you personally concerning the nature, potential, advisability, value, suitability or profitability of any particular security, portfolio of securities, transaction, investment, investment strategy, or other matter.

You understand that the Site may contain opinions from time to time with regard to securities mentioned in other products, including Company-related products, and that those opinions may be different from those obtained by using another product related to the Company. You understand and agree that contributors may write about securities in which they or their firms have a position, and that they may trade such securities for their own account. In cases where the position is held at the time of publication and such position is known to the Company, appropriate disclosure is made. However, you understand and agree that at the time of any transaction that you make, one or more contributors may have a position in the securities written about. You understand that price and other data is supplied by sources believed to be reliable, that the calculations herein are made using such data, and that neither such data nor such calculations are guaranteed by these sources, the Company, the information providers or any other person or entity, and may not be complete or accurate.

From time to time, reference may be made in our marketing materials to prior articles and opinions we have published. These references may be selective, may reference only a portion of an article or recommendation, and are likely not to be current. As markets change continuously, previously published information and data may not be current and should not be relied upon.

The Site does not, and is not intended to, provide investment, tax, accounting, legal or insurance advice, and is not and should not be construed as providing any of the foregoing. You should consult an attorney or other relevant professional regarding your specific legal, tax, investment or other needs as tailored to your specific situation.

In exchange for publishing services rendered by the Company on behalf of Jindalee Resources Ltd named herein, including the promotion by the Company of Jindalee Resources Ltd in any Content on the Site, the Company receives from said issuer annual aggregate cash compensation in the amount up to Twenty Five Thousand dollars (\$25,000).