

Membrane Development Specialists Process Bench Testing Report Lithium Bearing Samples

28.11.2017 | [FSCwire](#)

Vancouver, British Columbia (FSCwire) - [Noram Ventures Inc.](#) (TSX-Venture: NRM / Frankfurt: N7R / OTCBB: NRVTF) and [Alba Minerals Ltd.](#) (TSX-V: AA / AXVEF:US Frankfurt: A117RU) are pleased to announced that Membrane Development Specialists (MDS) and [Au Tec Innovative Extraction Solutions](#) have completed a process bench test report, which indicates that an estimated a total Li recovery after first and second leach steps of 96.25%.

Lithium deposits in Clayton Valley Clays has been known for decades and, in fact, the former bureau of mines indicated in 1970's that acid digestion of lithium clays was technically feasible, but not cost effective due to the water and acid required using conventional leaching processes available at the time.

Fast forward 40 years and with the use of new, but proven, membrane technologies that use large leach supernatant with a low pH containing dilute (100-200 ppm) of lithium extracted from clays as feed for series of membrane processes that purifies and concentrates these dilute lithium solutions into purified concentrated lithium streams for extraction using conventional techniques. MDS concluded the mining of lithium clays we believe is now economically feasible using MDS Acid Membranes and Separators to purify and concentrate lithium and simultaneously recover water and acid for reuse in the extraction process. Given the water and acid needed for the processing of lithium clay, being able to recover both for reuse in the process makes the process a huge benefit which makes the digestion of lithium cost effective and attractive.

In addition, because the Clayton Valley of Nevada has extremely inexpensive power \$0.04 kW, and power is approximately 10% of the operating cost for membrane plants needed for this process, the cost of power translates into a low operating cost per ton of lithium carbonate.

Autec's summary of results on July 24, 2017, in the report "Noram Bench Test V-3 May-June 17 2017" indicated that MDS reported a Li concentration in the supernatant solution, generated with the optimized leach procedure, of 150 ppm or an equivalent to 80% of the initial Li reporting to the leach solution. A second leach step was performed on a subsample of the leached solids by combining 100 g of the moist leached solids (6.5% liquid content) with 200 mL of water and 10 mL of acid. The second leach step resulted in a Li concentration in the leached solids of 36 ppm or an equivalent 81% Li recovery. The second leach step was not tested on the full-size sample, the results from the second leach can be used to estimate the recovery after first and second leach steps of 96.25%. In addition to improving Li recovery, MDS reported that a second treatment step enhanced solid-liquid separation and filtering after leach.

Our focus is not only on finding and developing lithium and graphite deposits, but also on sourcing and supporting new environmentally-friendly, processing techniques to produce our lithium and graphite products. said Noram President Mark Ireton.

About Noram Ventures Inc.

[Noram Ventures Inc.](#) (TSX-V: NRM Frankfurt: N7R) is a Canadian based junior exploration company, with a goal of becoming a major force in the *Green Energy Revolution* through the development of lithium and graphite deposits and becoming a low-cost producer for the burgeoning lithium battery industry. The Company's primary business focus since formation has been the exploration of mineral projects that include lithium projects in the Clayton Valley in Nevada, the Arizaro East mineral claim in the eastern portion of the Salar de Arizaro in north-western Argentina and the Jumbo graphite property in British Columbia. Noram's long term strategy is to build a multi-national lithium-graphite dominant industrial minerals company to mine and sell lithium and graphite into the markets of Europe, North America and Asia.

For further information, please visit www.noramventures.com.

ON BEHALF OF THE BOARD OF DIRECTORS

s/ “Mark Ireton”

President & Director

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<https://www.rohstoff-welt.de/news/283631--Membrane-Development-Specialists-Process-Bench-Testing-Report-Lithium-Bearing-Samples.html>

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