

# Medaro Achieves Positive Hard Rock Lithium Extraction Tests

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VANCOUVER, Oct. 15, 2021 - [Medaro Mining Corp.](#) (CSE: MEDA) (OTC: MEDAF) (FWB: 1ZY) ("Medaro" or the "Company"), a multi-faceted venture aimed at developing innovative spodumene processing technology concurrent with its lithium focused exploration at its two properties in Canada, is pleased to announce positive preliminary findings from ongoing studies respecting the spodumene processing technology being developed and commercialized by its joint venture, Global Lithium Extraction Technologies Inc. ("GLET") (as noted July 29, 2021).

As evidenced by X-ray powder diffraction (XRD), GLET has confirmed that its extraction process yields complete conversion of calcined spodumene to leached spodumene. Importantly, the conversion was achieved at a low temperature which signifies a potential energy and cost saving right from the outset.

These results have prompted two follow-up studies which are currently being undertaken by GLET: scanning electron microscopy elemental analysis (SEM-EDS) and wet chemical analysis. These studies offer insights into targeted analysis of solids and liquids for the identification of lithium, alumina and in some instances, silica. Although lithium will be the focus of interest, understanding the levels of alumina and silica extraction will be key in further developing the technology and in projecting extraction percentages of commercial grade by-products.

Based on the successful low temperature test results to date, future tests will be conducted beginning with the lowest possible temperatures to identify impacts on production timing. The net result will be a quantifiable determination of the minimum time required to produce satisfactory measured lithium extraction.

Additionally, GLET is currently investigating the concentration of the liquid/solvent mix, with the goal of reducing consumption. This investigation is also tied to temperature controls as higher temperatures result in faster reaction rates, but also consumes more energy (higher cost). Fundamental research will identify solutions to mitigate consumption costs within a closed-loop environment operating at optimal temperatures to ensure reduced overall production costs at industrial scale. The project is being designed purposefully to eventually operate in remote locations, which would enhance the commercial viability of the technology.

Faizaan Lalani, President of Medaro, states, "News of these successful tests at such an early stage comes as great news to the entire team. Together with GLET, we are highly focused on delivering this technology to market and are excited for the next phase of testing, as we take another step forward towards commercialization."

ON BEHALF OF THE BOARD OF DIRECTORS

*Faizaan Lalani*  
President & Director

About Medaro Mining Corp. (CSE: MEDA) (OTC: MEDAF) (FWB: 1ZY)  
Medaro Mining is a lithium exploration company based in Vancouver, BC. which holds options over the Superb Lake lithium property located in Thunder Bay, Ontario and the Cyr South lithium property located in James Bay, Quebec. The Company is also involved in the development and commercialization of a new process to extract lithium from spodumene concentrate through its Global Lithium Extraction Technologies joint venture. Find out more at: <https://medaromining.com/>.

For detailed information, investors are invited to review the Company's filings available at [www.sedar.com](http://www.sedar.com).

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#### Forward-Looking Statements

This news release contains certain forward-looking statements within the meaning of applicable securities laws. All statements that are not historical facts, including without limitation, statements regarding future estimates, plans, programs, forecasts, projections, objectives, assumptions, expectations or beliefs of future performance, including statements regarding GLET's second stage of testing, the potential implications of the preliminary XRD testing results received to date, GLET's investigations into the concentration of the liquid/solvent mix and fundamental research to be conducted aimed at mitigating consumption are "forward-looking statements." These forward-looking statements reflect the expectations or beliefs of management of the Company based on information currently available to it. Forward-looking statements are subject to a number of risks and uncertainties, including those detailed from time to time in filings made by the Company with securities regulatory authorities, which may cause actual outcomes to differ materially from those discussed in the forward-looking statements. These factors should be considered carefully, and readers are cautioned not to place undue reliance on such forward-looking statements. The forward-looking statements and information contained in this news release are made as of the date hereof and the Company undertakes no obligation to update publicly or revise any forward-looking statements or information, whether as a result of new information, future events or otherwise, unless so required by applicable securities laws.

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