

Anson Chemical Free Pretreatment Testwork to Remove Iron from Lithium Brine Successful

ASX: **ASN** Announcement

Highlights:

- Anson has developed at its Lithium Innovation Center an unique lithium brine pre-treatment process that reduces iron content to less than 1 ppm without the use of chemicals.
- The iron free brine has been successfully used as feed for the KOCH DLE pilot at Green River.
- A sustainable chemical free pretreatment for iron removal to lower production costs as well as enhance environmental standards.
- Koch DLE testwork has produced 122,000 liters (32,000 gallons) of lithium eluate after the iron pre-treatment process.
- Testwork with the Koch DLE process is expected to continue until February 2025

Anson Resources Limited (ASX: **ASN**) (“Anson Resources” or “the Company”) is pleased to announce the successful testing of its unique chemical free process pretreatment to reduce iron (Fe) in brine prior to being fed into the Koch Direct Lithium Extraction (DLE) process. The process was developed at Anson Lithium Innovation Center (LIC) in the USA. Since achieving a Fe content of less than 1ppm in the feed brine, approximately 122,000 liters has been produced by using the Koch DLE process, *see Figure 1*.



Figure 1: Two full tanks containing 32,000 gallons of lithium eluate processed by the Koch DLE at Green River, Utah, USA

The traditional method used in brine pretreatment requires chemicals to precipitate Fe from the feedstock is more expensive, less environmentally friendly and time consuming. Anson is focused on reducing costs in its lithium extraction flowsheet design to maximise shareholder value, while at the same time reducing the environmental impact of the lithium extraction process.

The lithium eluate that has been produced using the KOCH DLE technology will be processed through Anson downstream Sample Demonstration Plant (SDP) to produce lithium carbonate. The KOCH DLE test work is expected to continue until February, 2025 and will produce additional lithium eluate for further downstream processing testwork.

Executive Chairman and CEO, Bruce Richardson commented, “ This innovation is an important step in the development of a flow chart for the extraction of lithium from deep well brine. Anson’s objective is to produce a product for the use in electric vehicles, the key intention of EVs is to lower carbon emissions, which is a primary focus of potential off-take partners with which the company is engaged in discussions. We also note that European governments are increasingly focused on lowering the carbon intensity of the EV value chain. Given these factors we continue to develop innovative processes that will deliver the highest economic returns for our shareholders while lowering the impact upon the environment. Our Fe removal process achieves both of these objectives by lowering costs and eliminating the use of chemicals. We are continuing our work with Koch in maximizing the recovery of lithium from the Green River Lithium Project brine and look forward to the results in early 2025.”

This announcement has been authorized for release by the Executive Chairman and CEO.

ENDS

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About Anson Resources Ltd

Anson Resources (ASX: ASN) is an ASX-listed mineral resources company with a portfolio of minerals projects in key demand-driven commodities. Its core asset is the Paradox Lithium Project in Utah, in the USA. Anson is focused on developing the Paradox Project into a significant lithium producing operation. The Company's goal is to create long-term shareholder value through the discovery, acquisition and development of natural resources that meet the demand of tomorrow's new energy and technology markets.

Forward Looking Statements: Statements regarding plans with respect to Anson's mineral projects are forward looking statements. There can be no assurance that Anson's plans for development of its projects will proceed as expected and there can be no assurance that Anson will be able to confirm the presence of mineral deposits, that mineralisation may prove to be economic or that a project will be developed.

Competent Person's Statement: The information in this announcement that relates to exploration results, geology and metallurgical testwork is based on information compiled and reviewed by Mr Greg Knox, a member in good standing of the Australasian Institute of Mining and Metallurgy. Mr Knox is a geologist who has sufficient experience which is relevant to the style of mineralisation under consideration and to the activity being undertaken to qualify as a "Competent Person", as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves and consents to the inclusion in this report of the matters based on information in the form and context in which they appear. Mr Knox is a director of Anson