

Anson Advances Green River Lithium Project with JordProxa Successful Downstream Test Work

ASX: [ASN](#) Announcement

Highlights:

- Australian engineering and process technology company JordProxa completes first phase of downstream processing of lithium chloride eluate,
- Non-thermal - impurity removal and pre-concentration downstream test work has been successfully completed, validating the proposed process flowsheet and achieving results that exceeded the original design expectations.
- Thermal evaporation, carbonation crystallization and refining downstream test work is ahead of schedule and is expected to be completed Q3 2026.
- Anson shipped 14,000 litres (approximately 15,000kg) of lithium eluate to JordProxa in July 2025 for downstream test work,

Anson Resources Limited (ASX: ASN) ("Anson" or the "Company") is pleased to announce a significant advancement in the development of the Green River Lithium Project in Utah, USA, with Australian engineering company **JordProxa** successfully completing the non-thermal downstream processing test work to reviewed and included in the Definitive Feasibility Study (DFS) for the Company's lithium carbonate refinery, see ASX Announcement 9 July 2026.

The downstream processing circuit is a critical component of the Green River Project, converting high-purity lithium chloride eluate produced by Direct Lithium Extraction (DLE) into battery-grade lithium carbonate suitable for the global electric vehicle and energy storage markets.

Since July 2025, Anson has worked closely with JordProxa to optimise the downstream processing flowsheet, validate the process through laboratory and pilot-scale testing, and develop the engineering required to support the Company's Definitive Feasibility Study (DFS). In July Anson shipped 14 Intermediate Bulk Containers (IBC or "totes"), containing approximately 14,000 litres of brine to JordProxa's in South Africa, for downstream non-thermal and thermal test work aimed at producing samples of battery grade lithium carbonate.

The completion of the non-thermal test work, together with the commencement of the DFS, represents another important milestone in de-risking the Green River Project and progressing the project towards Final Investment Decision (FID).

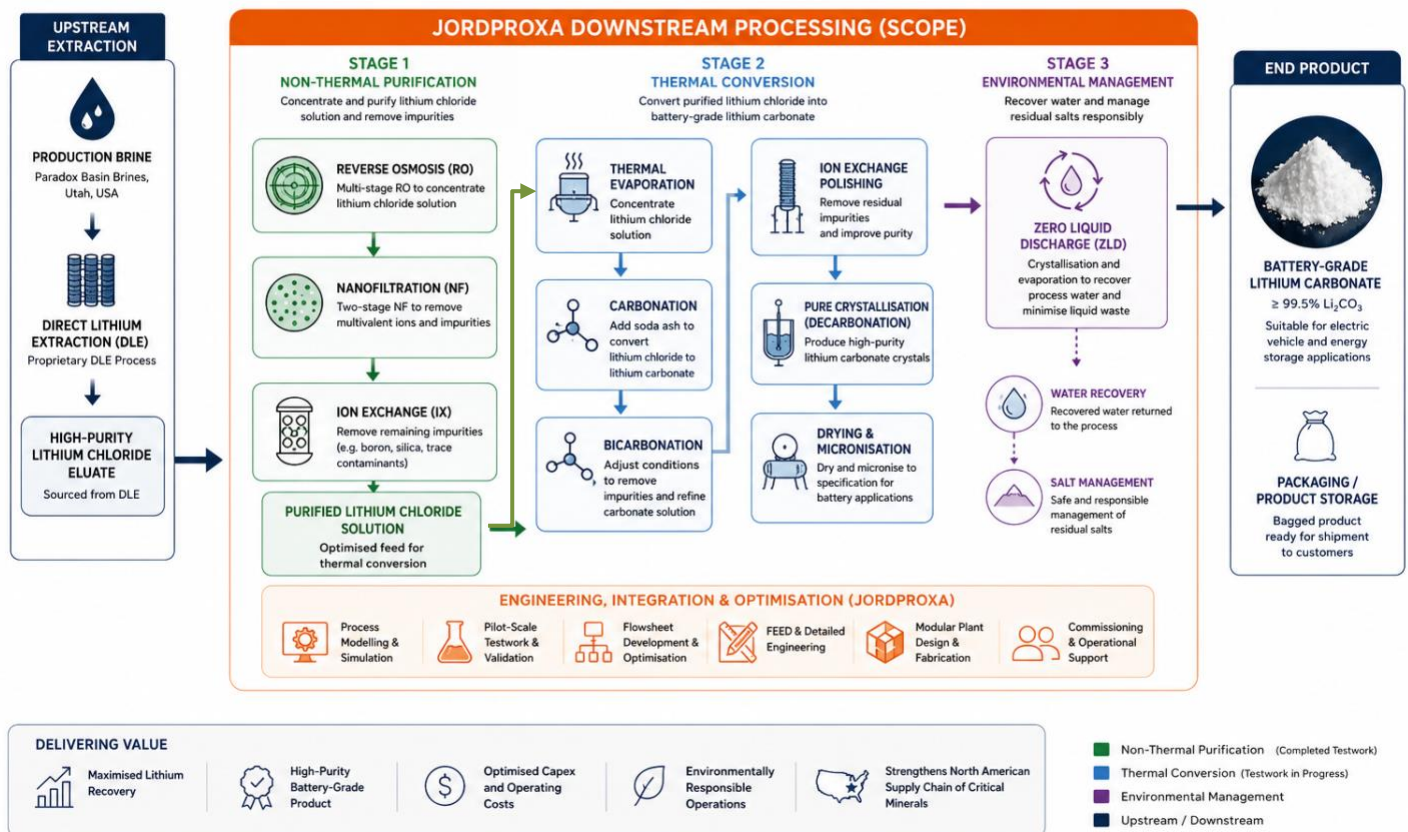
JordProxa's engineering formed the basis of the downstream process incorporated into the Company's recently completed Scoping Study and will continue into the DFS.

Importantly, JordProxa is an Australian technology and engineering company with extensive experience in

lithium purification, concentration and crystallisation. The engagement of an Australian supplier also enhances Green River's alignment with Australian Government critical minerals initiatives and provides an opportunity for the project to be considered for financing support through Export Finance Australia.

GREEN RIVER LITHIUM PROJECT

DLE TO BATTERY-GRADE LITHIUM CARBONATE



Green River Downstream Processing Strategy

The Green River Lithium Project has been designed as an integrated lithium production operation that combines Direct Lithium Extraction (DLE) with a purpose-built downstream lithium carbonate refinery to produce high-purity battery-grade lithium carbonate for the North American battery supply chain. The downstream processing circuit is a critical component of the overall project, directly influencing lithium recovery, operating costs, product quality and overall project economics. Optimising this process is therefore fundamental to maximising shareholder value and positioning Green River as a globally competitive lithium operation.

Recognising the importance of this stage of the process, Anson commenced working with Australian engineering company JordProxa in June 2025 to develop and optimise the downstream processing flowsheet. Since that time, JordProxa has worked closely with the Company's technical team to validate the

process through laboratory and pilot-scale test work while progressively advancing the engineering from concept design through Scoping Study engineering and into the DFS.

Integrated Downstream Processing

The downstream refinery incorporates a combination of advanced membrane separation, ion exchange and thermal processing technologies such as lithium chloride evaporation, carbonation, and refining to maximise lithium recovery while removing impurities that could otherwise affect product quality. The proposed process consists of three principal stages:

Stage 1 – Non-Thermal Purification

This process progressively concentrates the lithium chloride solution while removing hardness, multivalent ions and other impurities prior to thermal processing. This significantly reduces the energy required in the downstream evaporation circuit while improving overall process efficiency.

Stage 2 – Thermal Concentration and Conversion to Battery Grade Product

This process converts purified lithium chloride into high-purity battery-grade lithium carbonate suitable for commercial sale into the lithium-ion battery market.

Stage 3 – Environmental Management

Consistent with Anson's objective of minimising environmental impacts, the refinery also incorporates a Zero Liquid Discharge (ZLD) crystallisation circuit designed to recover process water and minimise liquid waste streams. This approach supports efficient water management while reducing the overall environmental footprint of the operation.

Optimising Project Economics

The collaboration between Anson and JordProxa extends beyond conventional engineering design. Through an iterative programme of laboratory testing, process simulation and engineering optimisation, the companies have sought to maximise lithium recovery, improve product purity and reduce both capital and operating costs.

JordProxa's staged engineering methodology has enabled engineering activities to progress in parallel with process validation, allowing critical design decisions to be made earlier in the project development cycle. This approach not only reduces technical risk but also accelerates procurement readiness for long-lead equipment and provides greater confidence in the engineering assumptions underpinning the DFS.

The completion of the non-thermal test work and commencement of DFS engineering represent significant milestones in transitioning the Green River Project from conceptual engineering towards a fully engineered commercial development.

JordProxa's lithium project experience includes projects where the lithium is sourced from brine, including major projects in Europe, USA and South America.

Anson Resources Executive Chairman, Bruce Richardson, said: "The successful completion of the non-thermal downstream test work and commencement of FEED engineering represent significant milestones in the development of the Green River Lithium Project. This work provides further confidence in our integrated process flowsheet and continues to de-risk one of the project's most important processing stages."

"Our strategy has always been to combine industry-leading Direct Lithium Extraction technology with proven downstream processing to produce battery-grade lithium carbonate in the United States. JordProxa has become an important engineering and technology partner, bringing internationally recognised expertise in lithium purification and crystallisation that complements our broader project development programme."

"We are particularly pleased to be working with an Australian engineering company whose expertise has been recognised on globally significant lithium developments. Their involvement not only strengthens the technical execution of the project but also enhances our opportunities to access Australian Government critical minerals financing initiatives as we continue discussions with potential strategic funding partners."

JordProxa Managing Director, Paul Browne said: "We are pleased to be supporting Anson Resources as it advances the Green River Lithium Project through engineering and into the next stage of project development."

"The laboratory programme is a valuable step in validating the effectiveness of the proposed downstream processing flowsheet to produce battery-grade lithium carbonate. The results will provide valuable engineering data for Front-End Engineering Design."

"Green River combines high-quality lithium feed with an integrated downstream process designed to maximise product quality, operating efficiency and overall project economics. We look forward to continuing our work with Anson through completion of FEED and supporting the delivery of the Definitive Feasibility Study."

About JordProxa

JordProxa is an Australian based engineering and technology company specializing in the design and delivery of custom-engineered modular process solutions for the production of high-purity battery materials, combining expertise in evaporation, crystallization, purification, and advanced water treatment. With more than 50 years of diverse industrial experience, JordProxa supports customers from concept development and R&D testing through engineering, modular equipment supply, commissioning, operations support, and aftermarket services. Learn more about JordProxa at www.jordproxa.com

JordProxa has developed expertise in lithium purification and conversion technologies, including the production of battery-grade lithium carbonate and lithium hydroxide from Direct Lithium Extraction (DLE)

and conventional brine processing operations.

This announcement has been authorized for release by the Executive Chairman of Anson Resources Limited and JordProxa.

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 assets are the Green River and Paradox Lithium Project in Utah, in the USA. Anson is focused on developing these assets into a significant lithium producing operations. 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 mineralization 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 and geology is based on information compiled and/or 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 has reviewed and validated the metallurgical data and chemical flowsheet and consents to the inclusion in this Announcement of this information in the form and context in which it appears. Mr Knox is a director of Anson and a consultant to Anson.