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### NOA Lithium Completes First Fresh Water Well at Rio Grande Project with Strong Performance

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**August 6, 2025, Buenos Aires, Argentina – NOA Lithium Brines Inc.** (TSXV: NOAL | Frankfurt: N7N) (“**NOA**” or the “**Company**”) is pleased to announce the successful drilling, completion, and casing of its first fresh water exploration well, named RT-RG25-FW02, on the northern side of the Salar de Rio Grande within its 100%-owned Rio Grande Project (the “**Project**” or the “**Rio Grande Project**”) in Salta Province, Argentina. This achievement represents a critical milestone for securing water resources required for development of the Project.

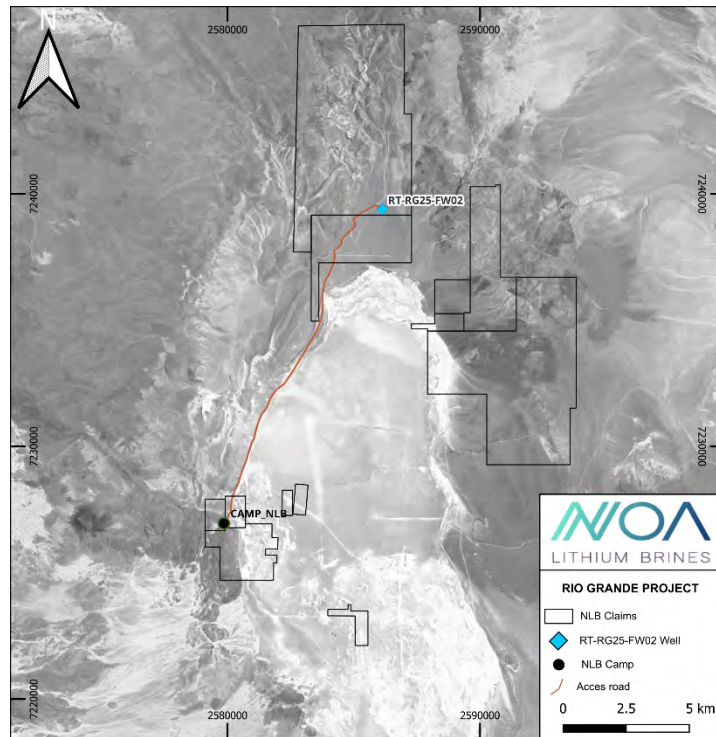
#### Well Highlights

- Well Name: RT-RG25-FW02
- Depth: 190 meters (“**m**”) with a 12 ¼ inch diameter.
- Well Construction: Fully cased and screened. Enabled well up to 183.9 m, consisting of 143.77 m of 6" blind steel pipe and 40.13 m of 6" galvanised filters with 0.75 millimetres (“**mm**”) continuous slot. A pre-filter of selected 2-4 mm gravel and a bentonite and cement seal at the wellhead were used.
- Water Quality: The physic-chemical parameters of the water were measured throughout the pumping test, recording values comparable to usable fresh water required for these types of projects, with an average electrical conductivity value of about 1,400 microsiemens per centimeter (µS/cm) and a pH ranging from about 7.2 to 7.6 during the well test.

The RT-RG25-FW02 well is strategically located in the northern part of the Project, within properties fully owned by NOA (see location map and water well pictures below). This water source corresponds to one of three freshwater targets identified by the Company within its properties on its Rio Grande Project.

NOA’s Chief Executive Officer Gabriel Rubacha states: *“The completion of our first fresh water well is a major step forward in de-risking the Rio Grande Project. Access to a reliable and high-quality water source strengthens our operational readiness and supports our vision for sustainable development as we advance this project toward feasibility.”*

NOA is also pleased to announce that it continues to advance its Preliminary Economic Assessment (PEA), which is expected to be completed during Q3 2025.



Picture 1: Location of Water Well (RT-RG25-FW02)







**About NOA Lithium Brines Inc.**

NOA is a lithium exploration and development company formed to acquire assets with significant resource potential. All NOA's projects are located in the heart of the prolific Lithium Triangle, in the mining-friendly province of Salta, Argentina, near a multitude of projects and operations owned by some of the largest players in the lithium industry. NOA has rapidly consolidated one of the largest lithium brine claim portfolios in this region that is not owned by a producing company, with key positions on three prospective salars, being Rio Grande, Arizaro, and Salinas Grandes, and totalling over 140,000 hectares.

**On Behalf of the Board of Directors,**

***Gabriel Rubacha***

**Chief Executive Officer and Director**

**For Further Information**

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**Qualified Person**

Mr. Michael Rosko, M.Sc., C.P.G. of E. L. of Montgomery and Associates ("M&A") is a Registered Geologist (C.P.G.) in Arizona, California, and Texas, a Registered Member of the Society for Mining, Metallurgy and Exploration, and is a Qualified Person (QP) as defined by NI 43-101. Mr. Rosko and hydrogeologists from M&A have been on site multiple times during the various phases of drilling and sampling operations; Mr. Rosko has extensive experience in salar environments and has been a QP on many lithium brine projects. Mr. Rosko and M&A are completely independent of NOA. Mr. Rosko has reviewed and approved the content of this news release.

***Cautionary Note Regarding Forward-Looking Statements***

This news release contains forward-looking statements and other statements that are not historical facts. Forward-looking statements are often identified by terms such as "will", "may", "should", "anticipate", "expects" and similar expressions. All statements other than statements of historical fact, included in this news release are forward-looking statements that involve risks and uncertainties. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from the Company's expectations include the anticipated production and/or results of a water well, further brine process testing and exploration and other risks detailed from time to time in the filings made by the Company with securities regulators. The reader is cautioned that assumptions used in the preparation of any forward-looking information may prove to be incorrect. Events or circumstances may cause actual results to differ materially from those predicted, as a result of numerous known and unknown risks, uncertainties, and other factors, many of which are beyond the control of the Company. The reader is cautioned not to place undue reliance on any forward-looking information. Such information, although considered reasonable by management at the time of preparation, may prove to be incorrect and actual results may differ materially from those anticipated. Forward-looking statements contained in this news release are expressly qualified by this cautionary statement. The forward-looking statements contained in this news release are made as of the date of this news release and the

Company will update or revise publicly any of the included forward-looking statements as expressly required by applicable law.

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