

ASX RELEASE

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ASX CODE

PNN

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PROJECTS

Argentina
Salta Lithium Project

Santa Ines Copper-Gold Project

Australia
Eyre Peninsula Kaolin-Halloysite
Project

Musgrave Nickel-Copper-Cobalt-
PGE Project

Preliminary Economic Assessment commences on Rincon Salar at Salta Lithium

- **Preliminary Economic Assessment (PEA) initiated at Rincon Salar; and will be expanded to incorporate a planned Mineral Resource upgrade on completion of drilling at Rincon**
- **PEA to be undertaken by global Tier-1 mining and engineering consultants Golder Associates, a division of WSP Global, in conjunction with Power's DLE partner Sunresin**
- **Rincon is Power's most advanced salar at the Salta Project, hosting an existing Mineral Resource and the Project's highest-grade lithium**
- **Rincon PEA is expected to be completed in Calendar Q1, 2023**
- **Power plans to complete PEA's on each of the Rincon, Incahuasi and Pocitos salares in conjunction with ongoing Mineral Resource drilling to fast-track development at the Salta Project**
- **The PEA's will be based on conceptual production of a minimum 2,000tpa LCE via DLE at each of the Rincon, Incahuasi and Pocitos salares; for a total of 6,000tpa LCE**

Diversified minerals company Power Minerals Limited (ASX: PNN) (**Power** or **the Company**) is pleased to announce the commencement of a Preliminary Economic Assessment (PEA) at the Rincon salar at the Salta Lithium-Brine Project (the **Project**), in the Salta province in the lithium triangle of north-west Argentina.

The PEA, which will be completed to Scoping Study level, is being conducted by global engineering and mining consultants Golder Associates (Golder), a division of WSP Global, who have vast experience working with tier-1 lithium-brine companies such as Ganfeng and Tibet Summit Resources who are using Sunresin DLE technology.

Golder will work in conjunction with Power's Direct Lithium Extraction (DLE) partner Sunresin New Materials Co. Ltd (Sunresin) to ensure an optimal PEA outcome.

The PEA at Rincon will assess the production and life-of-mine profile, along with engineering and process costs, plus capital costs and

operating costs for a potential high-quality lithium carbonate (LCE) producing operation at Rincon.

The PEA has been initiated on the existing JORC Mineral Resource at Rincon (ASX announcement, 27 June 2018). It is expected to be completed in calendar Q1, 2023, and will then be updated and expanded to incorporate a proposed Mineral Resource upgrade on completion of planned upcoming Mineral Resource drilling at Rincon.

“We are delighted to have initiated the study phase of our development pathway at the Salta Project. We plan to complete PEA’s on each of the Rincon, Incahuasi and Pocitos salares in conjunction with our ongoing Mineral Resource drilling campaign at the Project, in order to fast-track the Project’s development. Drilling is currently underway and ongoing at the Incahuasi salar and has delivered highly positive initial results.”

Power Minerals Executive Director Mena Habib

The PEA’s will contemplate conceptual production of a minimum of 2,000tpa LCE, via DLE, at each of the Rincon, Incahuasi and Pocitos salares; for a total of 6,000tpa LCE.

The PEA program has been commenced at Rincon, as it is the most advanced salar within the Salta Project area, hosting an existing Mineral Resource and the Project’s highest-grade lithium.

About the Salta Lithium Project

The Salta Project is strategically located in the Salta province in north-west Argentina and is part of the Lithium Triangle, the world’s leading lithium-brine region. The Project consists of five salares (salt lakes) that sit within seven mining leases, over a total project area of 147.07km². The Project’s Incahuasi salar is located immediately adjacent to Ganfeng Lithium Co. Ltd’s project and the Rincon salar is adjacent to Rio Tinto Ltd’s project in the region, which was recently acquired from Rincon Mining Ltd for US\$825 million. Power is focused on the accelerated exploration and development of the Project, to drive shareholder value.

Authorised for release by the Board of Power Minerals Limited.

-ENDS-

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About Power Minerals Limited

Power Minerals Limited is a diversified ASX-listed mineral resources exploration company with a portfolio of projects in demand driven commodities. It is focused on the systematic exploration and development of its projects. These include the Salta Lithium Brine Project in the prolific lithium triangle in the Salta Province in Argentina, the Eyre Peninsula Kaolin-Halloysite Project, strategically located on the Eyre Peninsula in South Australia, and the Musgrave Nickel-Copper-Cobalt-PGE Project in the Musgrave Province in northern South Australia. The Company also holds the Santa Ines Copper-Gold Project in Argentina, located in the same geological setting as BHP's world-class, nearby Escondida Copper-Gold Mine in Chile.

Competent Persons Statement

This announcement regarding the Salta Lithium project has been prepared with information compiled by Marcela Casini, MAusIMM. Marcela Casini is the Company's Exploration Manager, Argentina and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration 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". Marcela Casini consents to the inclusion in the report of the matters based on her information in the form and context in which it appears.

Forward looking Statements

This announcement contains 'forward-looking information' that is based on the Company's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to the Company's business strategy, plans, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations, mineral reserves and resources, results of exploration and related expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'anticipate', 'project', 'target', 'potential', 'likely', 'believe', 'estimate', 'expect', 'intend', 'may', 'would', 'could', 'should', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. Persons reading this announcement are cautioned that such statements are only predictions, and that the Company's actual future results or performance may be materially different. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company's actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information.