



Update on Argentina exploration

PepinNini Minerals Ltd (PepinNini, the Company) advises that;

- Firstly, this week the planned geophysical survey on the Santa Ines copper-gold project in Salta province, Argentina, reported to ASX 24 September 2021 has commenced. The Induced Polarisation (IP) survey is jointly funded by PepinNini subsidiary PepinNini SA (PNN SA) and Litio Minera SA, a subsidiary of Ganfeng Lithium,
- Secondly, on the Salta lithium project, work is to commence next week on pilot production of battery-grade lithium carbonate using the concentrated brine from the evaporation blend testing program reported to ASX on 22 September 2021 and which is close to completion, with final results expected in a few weeks.

A further 9,000 litres of brine will be collected next week for this pilot production, comprising 6,000 litres from Salar del Rincon and 3,000 from Salar de Incahuasi. Results are expected early in the new year.

ABOUT

PepinNini Minerals Limited is a diversified ASX listed Australian Exploration Company focused on exploring, discovering and developing a significant mineral resource. PepinNini has exploration tenements prospective for Kaolin on the Eyre Peninsula and nickel-copper-cobalt-PGE in the Musgrave Province of South Australia and hold a Minerals brine resource in Salta Province, Argentina. The company also holds a copper-gold exploration project in Salta Province, Argentina

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FURTHER INFORMATION

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Photo 1 - Brine Collection Salar de Incahuasi

Geophysical survey Santa Ines Project

Ganfeng Lithium plan a brine pipeline from their Mariana Project south west of PepinNini's Santa Ines Project to the north east passing through the Santa Ines Project en route. The geophysical IP survey will provide a useful interpretive tool for both parties. For PepinNini it will be an exploration tool for copper-gold mineralisation targets for additional drill testing while it will give Ganfeng reassurance that the pipeline trace will not require relocation in the event of a mineral discovery.

The survey is expected to take 12 days, with timing of the interpretation to follow dependent on the data gathered.

As per the ASX announcement on 20 October 2020 PepinNini plans to conduct a two-borehole drilling program at two priority copper-gold targets(Figure 1 below)on the Santa Ines Project. Drilling permits have been received for the program with logistics underway for commencement this quarter.

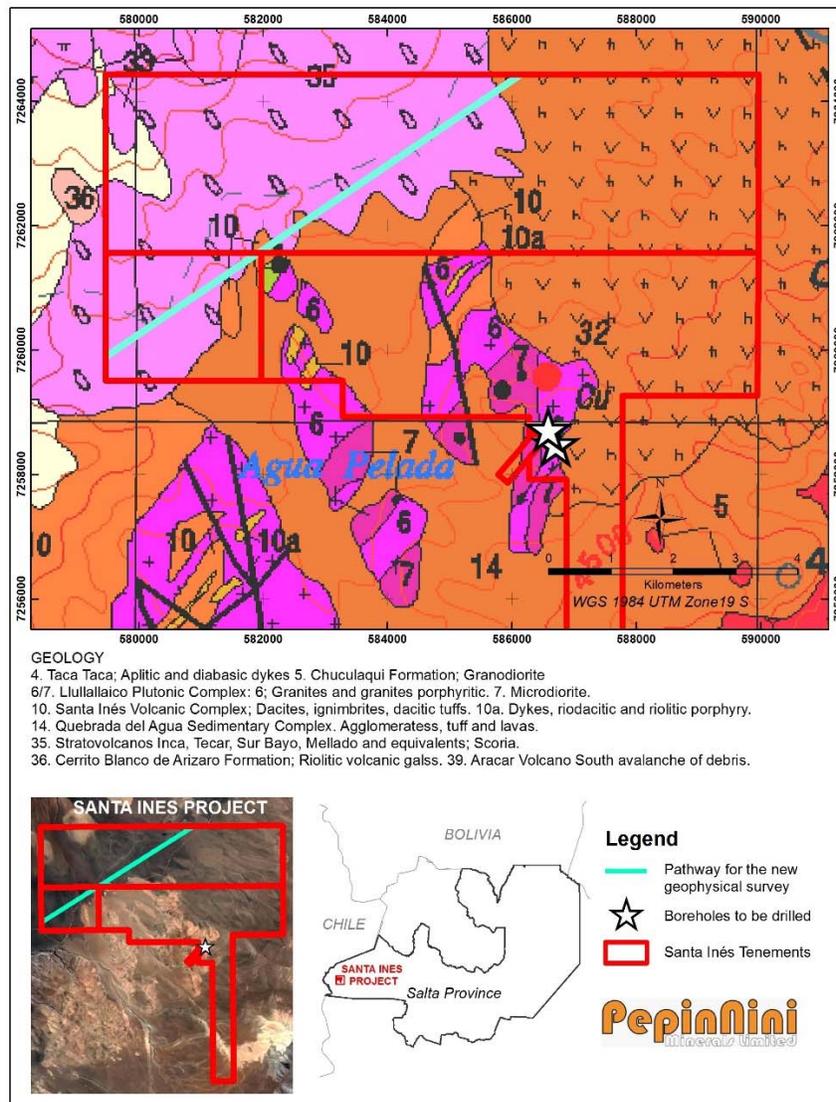


Figure 1 - Geophysical survey pathway and PepinNini Santa Ines tenement boundaries.

This announcement was authorised for issue by the Board of PepinNini Minerals Ltd

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Note: Additional information on PNN is available at www.pepinnini.com.au