



ARGENTINA - SALTA LITHIUM PROJECT UPDATE

PepinNini Minerals Limited (PepinNini) announces the granting of eight mining leases (mina) in perpetuity by the Mining Court of Salta Province over areas prospective for lithium brines covering 15,890ha (159sqkm) in Salta Province, Argentina.

Lodgement of applications for the minas, was previously reported to ASX on 7 June.

The Company has submitted final environmental reports to confirm the grant and expect active exploration over the next two years including field reconnaissance, sampling and mapping, drilling, soil and groundwater(brine) sampling.

“We are very excited with the granting of the mining leases” said Rebecca Holland-Kennedy, Managing Director, PepinNini. “Not only are they in perpetuity, so we have continuous title, the minas cover ground that is highly prospective for lithium brines and they are located in the *Lithium Triangle*”

“PepinNini is well positioned to identify lithium deposits suitable for production in the medium term”.

ABOUT:

PepinNini Minerals Limited is a diversified ASX listed Exploration Company focused on developing and discovering major new mineral deposits. The Company has secured strategically located exploration tenements in the Musgrave Province of South Australia and the Georgetown Inlier of North Queensland. A portfolio of prospective exploration tenements has been established in Argentina with targets of Lithium, Copper and Gold.

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FURTHER INFORMATION

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Figure 1 - Lithium Exploration Activity Salta Province, Argentina.



The focus of exploration activities will be to define an optimum project for resource delineation within the newly-granted minas and minas subject to the company's additional applications.

All eight minas are located either near historic lithium occurrences (marked as red spots on Figure 1) or in the vicinity of current lithium brine projects and over prospective geology (as per Figure 2).



Figure 2: Historically lithium-brine mined salar, Salar de Pular

Historically, Lithium collection has involved scraping the surface salts from the salt lake (salar) surface or boundary shores where these are not covered by water (as shown in Figure 2 above). Modern techniques by contrast target the lithium brines that are concentrated and carried in subsurface aquifers. The aquifers are at varying depths depending on the geology and hydrogeology of the salar and exploration activity will be designed to suit the specific geology of each mina.

In Argentina, mina size is limited by law to a maximum of 3,000ha (30sqkm) and minas (tabulated below) are granted in perpetuity.

Salar	Mina	Area (hectares)*
Salar de Pular	Sulfa 1	657
Salar de Incahuasi	Dona Jacinta Primara BL	1,981
Salar de Salinas Grandes	Luxumburgo	2,495
Salar de Salinas Grandes	Salinita Norte II	3,001
Salar de Arizaro	Ariza sur 1	3,004
Salina del Rincon	Villanovena 1	1,586
Salar Gallegos	Nico 1	196
Salar Pocitos	Tabapocitos 02	2,970
Total		15,890
*100 hectares = 1 sqkm		

Table 1: PepinNini SA Lithium Project Mining Leases (Mina)



PepinNini have been exploring in Argentina since 2010 on the Santa Ines and Chivinar Copper Gold projects located in Salta Province. The area is well served with infrastructure as per Figure 3 below.



Figure 3 – Regional Infrastructure proximal to PepinNini Projects in Salta Province, Argentina