

21 December 2023

Environmental monitoring completed to progress lithium drill permit

- Environmental measurements were taken from various locations at Formentera for bio-organisms in the brine, flora and fauna and air quality (dust, pollution) and a report will be submitted when the laboratory results are available. A similar environmental monitoring survey was done in July 2023 and the 135 page report submitted.
- The Mining Secretary has requested that the Company continue sampling while during drilling activities to enable a longitudinal study.
- An updated investment plan was submitted for the drill permit for the Cilon exploration concession where 8 drill holes are planned on request from the Jujuy Department of Mines.
- The Company's legal and environmental teams continue to work with the new government in Jujuy to have drill permits issued for the 18 planned wells - 10 in Formentera and 8 in Cilon. It has been approximately five months since the locations were submitted - a delay which is consistent with previous experience and a function of the large number of projects seeking permits in the Jujuy province.
- The board continues to evaluate other exploration opportunities to add shareholder value.

Patagonia Lithium Ltd (ASX:PL3, Patagonia or Company) is pleased to announce that it has completed the third environmental monitoring survey at its Formentera lithium exploration project. The sample points are used to determine the brine content and presence of bio-organisms. It is also used to measure the static brine level and to have a reference parameter through natural/seasonal variations.

The surrounds are monitored for air quality, flora and fauna. The first survey was done in October 2022. The latest environmental survey will be submitted to the Jujuy Mines department for analysis once the laboratory results have been received.

An updated investment report for drilling on the Cilon exploration project was requested by the Jujuy Mines Department and that has now been provided. There are eight drill holes planned for this section of the project based on the results of the MT survey and the 1,122ppm lithium sampling from 2 metres below the surface (2 June 2023 announcement). The investment is approximately US\$2,000,000 if all wells are drilled to 300m. A drill contract has been negotiated and this will be signed as soon as the drill permit is issued. All other drilling related arrangements are in place.

The December elections were held and a new governor appointed in Jujuy province. Two of Argentina's three operational lithium mines are located in Jujuy province.

Capital structure

58.6m - PL3 shares
14.6m - PL3O quoted options
5.5m - unquoted options

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Board

Phil Thomas - Exec Chair
Paul Boyatzis - NED
Gino D'Anna - NED
Sam Qi - NED
Jarek Kopias - Co Sec

Executive Chairman, Phillip Thomas commented:

“We are delighted with the progress we have made with the Jujuy Mines Department and given they have the data requested we expect to be able to announce news soon regarding the issue of our drill permit. Our next milestones are being worked on everyday with drillers, geophysics, core porosity analysis, and pumping test providers engaged.

Next Company milestones are:

- Drill permits, for Formentera and Cilon
- Signing contracts with drillers and other related suppliers
- Collating drill data for WSP Australia who will write the MRE
- Mineral Resource Estimate (MRE)
- Scoping study in conjunction with Ekosolve and
- Feasibility study.

The Patagonia team in Argentina and Australia, as well as the local community in Jama and Olaroz in Jujuy Province (Argentina), are keen to see the project develop as it provides employment and other benefits to the communities. Plus Petrol, a private Argentinian firm, is currently drilling some 5km away from our drill site.

Authorised for release by the Board of the Company. For further information please contact:

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Our socials – [twitter@pataLithium](#), [Instagram](#), [facebook](#), [pinterest](#) and [youtube](#)

About Patagonia Lithium Limited

Patagonia Lithium has two major lithium/boron brine projects – Formentera/Cilon in Jujuy province and Tomas III at Incahuasi Salar in Salta Province of northern Argentina in the declared lithium triangle. Since listing on 31 March 2023, recharge water analysis, surface sampling and MT geophysics have been completed in preparation of an upcoming drill program at Formentera, and MT Geophysics at Tomas III that was very prospective. Samples as high as 1,100ppm lithium (2 June 2023 announcement) were recorded at Formentera and resistivity values as low as 0.3Ω.m were recorded during the MT Geophysics survey at Formentera making the project highly prospective. The Company confirms it is not aware of any new information or data that materially affects the information in this announcement.