



PATAGONIA LITHIUM MRE Inferred and Indicated 551,000 T LCE 319%

ASX:PL3

3Qtr 2025 Investor Presentation

21 July 2025

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MONETARY VALUES



MINERAL RESOURCE ESTIMATE (MRE) – 551,000t LITHIUM PROJECT - FORMENTERA

Formentera and Cilon concessions host a significant, world class resource of lithium

- JORC inferred and Indicated mineral resource of 551,000 tonnes of lithium carbonate equivalent (LCE) drainable yield
- Project has high porosity three zone aquifer [11.5% Sy] with high lithium concentrations (1,122ppm Li 2m below surface. 580ppm at 400m well 1). Lithium concentration increases with depth to 580ppm Li.
- Inferred and Indicated resource of 103,000 tonnes of lithium metal with 87.5% Ekosolve DLE recovery (92.1% x 95%) to 99.5% pure Li₂CO₃ product is sufficient for many years production at 20,000 tonnes a year. Note this is theoretical and not Reserve or scoping study estimate
- **4,293 tonnes** of lithium metal equivalent (MRE is 102,000 tonnes Li metal equivalent) is required to produce 20,000 tonnes of Li₂CO₃ assuming 87.5% efficiency using the formula 5.323 to convert lithium metal to lithium carbonate
- MRE encompasses 4 holes of initial drilling program, with upgraded gamma to compute Sy yield and upgrade of lithium carbonate average to **294ppm Li.**
- Potential to add volume and grade with further drilling

OUR VALUE PROPOSITION

- Project exploration confirmed high lithium values, excellent porosity, great results from 72 hour pump tests.
- With DLE construction times estimated to be less than 2 years means Company will have an earnings multiple in short term once approvals received and demonstration plant built.
- The mergers and acquisitions market will become more active as energy storage systems increase demand targeting early production candidates with more than 500,000 tonnes LCE
- Offtakers are seeking supply for 2027-30, USA critical minerals and gigafactory/battery manufacturers are keen to buy from Australian suppliers under a Trump administration. Tariffs are inflating the lithium price for USA gigafactories.

Formentera Inferred and Indicated Mineral Resource statement by WSP – 551,000T LCE

Table 1.1 June 2025 MRE above 100 mg/L Li COG

Mineral Resource Classification	Sediment Volume (M m ³)	Specific Yield (Sy) (%)	Brine Volume (M L)	Li Grade (mg/L) ¹	Li Metal (kt) ²	LCE (kt) ³
Indicated	61.9	11.46	7,090.7	393	2.8	14.8
Inferred	2,912.5	11.86	345,521.4	292	100.9	536.6
Total Mineral Resources	2,974.3	11.85	352,612.1	294	103.7	551.4

Notes:

- $m^3 = cubic$ metres, L = litres, mg/L = milligrams per litre, t = tonnes. (1)
- Li Metal, Lithium Carbonate Equivalent (LCE) Metal are rounded to the nearest 1,000 t. (2)
- Grade values are the average estimated value for the domain in the Maptek Vulcan[™] Block Model. (1)
- Total in-situ brine contained lithium metal. (2)
- LCE = Li x 5.32.(3)
- No recovery, dilution or other similar mining parameters have been applied. (4)



Key Parameters from Jan 2025 and July 25 MRE

- Patagonia Lithium's Formentera JORC Inferred and Indicated Mineral Resource Estimate (MRE) for Lithium Carbonate Equivalent ("LCE") has increased by 319%, rising to 551,400 tonnes from 173,000 tonnes of LCE in drainable areas (as determined by Specific Yield). This upgrade is based on a significant increase in the **lithium** metal resource, which increased from 32,000 metric tonnes in January 2025 to 103,000 metric tonnes
- The specific yield increased by 248% to 11.85% from 4.8% which is a key factor for lithium brine extraction and is amongst the highest values in the region.
- The average lithium concentration increased from 264ppm to **294ppm an increase of 13%**.
- The Indicated Resource estimate of 14,800 tonnes of LCE was assigned around wells JAM-24-01 and JAM-24-02, supported by strong geological continuity confirmed through recently acquired downhole geophysical data.
- This MRE provides further proof that the Project is a **highly strategic lithium asset** being substantial in size with further upside targeting other high porosity areas on the salar at depth.
- A further drill hole is planned to 600m depth in the Cilon concession where sub-surface samples of 1,122 parts per million (ppm) lithium were collected. A 100 ppm lithium (Li) cut-off grade (COG) was applied to the mineral resource estimate.
- Notably, the average porosity from core samples was higher than the Borehole Magnetic Resonance (BMR) derived values as these were sampled from discrete zones and achieved higher porosity. ASX release 2 June 2023 "Sampling at Formentera and Cilon Assays 1,122ppm Lithium")



Formentera Cilon Location Map





Formentera lithium concentration – Avg 294ppm

The high porosity zone lithium content is 469ppm Lithium

Domain 3							
В	11	346.00	503.00	445.18	465.00	0.13	56.75
Са	11	386.00	959.00	581.91	499.00	0.35	202.66
Cl	11	85,332.00	146,136.00	120,955.00	129,388.00	0.18	21,261.60
К	11	2,766.00	4,415.00	3,739.55	3,980.00	0.15	574.08
Li	11	327.00	580.00	469.55	506.00	0.17	81.51
Mg	11	873.00	1,012.00	954.00	969.00	0.04	42.16

The thickness of the zone is approximately 200m but the MT geophysics shows it extends 500m

Analyte	Count	Minimum Maximum M		Mean	Median	сѵ
All Samples						
В	34	3.00	503.00	345.18	369.50	0.40
Ca	34	24.00	1,082.00	640.74	660.50	0.40
Cl	34	46.00	146,136.00	74,115.00	72,700.00	0.57
K	34	7.00	4,415.00	2,478.35	2,788.50	0.53
Li	34	0.50	580.00	279.44	264.50	0.60
Mg	34	3.00	1,551.00	812.88	878.00	0.40





What does the Resource mean?

Formentera project lithium carbonate projections:

Drainable lithium brine is 103,000 tonnes Li Metal = 551,000 tonnes of lithium carbonate equivalent Lithium Carbonate price USA at 99.5% grade is \$9,022 (www.metal.com) (17 July 2025) 551,000 tonnes

Extractable lithium using data from just 4 wells is 551,000 tonnes lithium carbonate.

Resource to Reserve to Scoping study

The exploration plan calls for further drilling to obtain at least 50% of the resource in the indicated and measured categories to advance work on a scoping study and then a pre feasibility study once the proven and probable resource is completed.



WORLD CLASS LITHIUM PROJECT - FORMENTERA

HIGHLIGHTS

MINERAL RESOURCE ESTIMATE

- 551,000 TONNES LITHIUM CARBONATE EQUIVALENT INFERRED INDICATED DRAINABLE RESOURCE
- **103,000 TONNES LITHIUM METAL EQUIVALENT**
- **SPECIFIC YIELD 11.5% HIGHER IN SAMPLES** THE HIGHER THE POROSITY THE MORE EXTRACTABLE LITHIUM

GEOPHYSICS

- RESISTIVITY LESS THAN 0.60HM.M DOWN TO 1000M DEPTH •
- BMR SURVEYS SHOW DRAINABLE FLOW VALUES [Sy] to 11.46% •

INFRASTRUCTURE

- 1KM FROM MAIN SEALED HIGHWAY, 10KM FROM JAMA TOWNSHIP, EASILY ACCESSIBLE
- PROJECT COVERS 17,952Has (17.9 sqkm)

GREEN DLE PRODUCTION

- EKOSOLVE DLE EXTRACTS 92%+ LITHIUM, 72HR PUMPING TESTS STRONG RESULTS
- WASTE BRINES CAN BE SENT TO LAGOON, EVAPORATED OR REINJECTED •
- LESS THAN 80,000L FRESH WATER REQUIRED IN PRODUCTION PROCESS ENVIRONMENTALLY FRIENDLY ٠
- WASTE BRINES REUSED IN THE EKOSOLVE SYSTEM

MANAGEMENT TEAM – EXPERIENCED, PREVIOUSLY BUILT PLANTS

- ARGENTINE DIRECTOR, ENGAGED IN LITHIUM EXPLORATION
- CHAIRMAN BUILT RINCON PLANT IN 2008, EXPERIENCED BRINE GEOLOGIST FAUSIMM (CP Val), MAIG ۲
- DIRECTOR KEY TEAM MEMBER AT OLAROZ, CAUCHARI OROCOBRE PLANT





Capital Structure

CAPITAL STRUCTURE SUMMARY

119.4m - PL3 shares14.6m - PL3O quoted options14.2m - unquoted options

MARKET Cap at \$0.045 \$5.37m

Options

Des

Options on issue:

- (a) PL3AJ: \$0.15 exercise price and
- (b) PL3AC: \$0.27 exercise price an
- (c) PL3AG: \$0.27 exercise price an
- (d) PL3O: \$0.30 exercise price and
- (e) PL3AE: \$0.27 exercise price an
- (f) PL3AL: \$0.18 exercise price and
- (g) PL3AN: \$0.10 exercise price an

Total Options:



scription	Number
nd 31 August 2025 expiry	3,669,904
nd 5 October 2025 expiry	1,500,000
nd 10 October 2025 expiry	3,000,000
d 15 December 2025 expiry	14,641,250
nd 24 March 2026 expiry	2,000,000
nd 31 August 2026 expiry	3,000,000
nd 30 June 2027 expiry	1,000,000
	28,811,154

Assay Summary Formentera/Cilon Project

Formentera		lithium cor	ntent ppm	
	Drill Hole			
Depth	1	2	3	4
100-150	110	132	293	154
200-250	316	327	325	174
300-350	591	580	421	203
EOH metres	370	347	376	407



Summary of core test results from well two. Total porosity in dark green, the grey line in the total porosity column is at 45%. Moveable water is very high (in aqua). Specific yield is the crimson line.





Geophysics – outstanding low resistivity provides bullseye drill targets Extends to 1,000m+ depth below 3.0 ohm.m







The geophysics show two hot spot zones with a resistivity below 0.5 Ohm-m on each surveyed line where lithium brines are likely to concentrate

Lithium Price in China 64,950 CNY = USD\$9,045



From Trading economics 17 July 2025 US\$ price is \$9,045 = CNY 64,950 USD/CNY 7.18 https://tradingeconomics.com/commodity/lithium



Lithium carbonate prices were at CNY 61,300 per tonne in July, halting this year's aggressive downturn from this year but holding near the lowest since 2021 as markets weighed ample supply against seemingly robust demand. Higher lithium output in China, Indonesia, and the DR Congo continued to pressure selling competition, with estimates from the IEA indicating that lithium supply surged 35% last year.

Output is set to continue rising since miners refrain from closing operations to retain market share and business relationships with governments and battery producers. In the meantime, **electric vehicle sales in China rose by over 28% annually in May** amid the government's incentive to trade-in autos for new energy vehicles. While growing sharply, the data was in line with recent trends that China's EV market has not grown at the pace expected following the boom at the turn of the decade, resulting in subsidies for battery producers that triggered a surge in output and a supply glut. Prices were higher in USA and Europe. USA has a 55% tariff on China imports but is starting to withhold supply.

Ekosolve Processing Results

Lithium Carbonate Production at Pilot Plant

Table 5 Compositions of white crystals from crystallization process from Patagonia brine strip liquor

Sample name	Number of	Unit in mg/L						
Sample name	hot washing	[B]	[Ca]	[Fe]	[K]	[Li]	[Mg]	[Na]
Patagonia strip liquor – 1W	1	0.0345	0.30	0.09	8.33	2035	0.07	3.13
Patagonia strip liquor – 2W	2	0.0352	0.37	0.11	0.72	2090	0.09	0.26
Patagonia strip liquor – 3W	3	0.0363	0.41	0.11	0.40	2136	0.08	0.20

The purity of all cations is calculated in mg cation/g crystal based on mass and in % cation/total cations based on concentration. The results are presented in Table 6.

Table 6 The purity of all cations in white crystals from Patagonia brine strip liquor after 3 hot washings

Sample name	В	ased on	mass, u	init in m	g cation	/g crysta	al	Lithium	Lithium%
	В	Са	Fe	K	Li	Mg	Na	Grade	LIUIIUII70
Patagonia strip liquor – 1W	0.003	0.028	0.009	0.769	187.8	0.007	0.289	99.890%	99.415%
Patagonia strip liquor – 2W	0.003	0.033	0.010	0.065	187.8	0.008	0.023	99.986%	99.925%
Patagonia strip liquor – 3W	0.003	0.036	0.009	0.036	187.8	0.007	0.018	99.989%	99.942%
*Lithium Grade = $\frac{(Mass_{Li2CO3} - Mass_{impurities})}{Mass_{Li2CO3}}$, Lithium%= $\frac{Mass_{Li}}{Mass_{Li+impurities}}$								-	

Lithium Extraction Efficiency



 Ekosolve[™] Direct Lithium Extraction (DLE) technology pilot plant test work at University of Melbourne achieves 92.1% lithium extraction efficiency from brines with average lithium concentration of 267 ppm lithium.

• Lithium recovered from 267ppm Li in brine was 246 ppm Lithium.

• Ekosolve needs 250,000 tonnes of LCE (47,000T Li Eq) to produce 10,000 tonnes a year for 20 years

Ekosolve Direct Lithium Extraction Plant Design

Lithium Carbonate Production Pilot Plant





MT Geophysics at Tomas III – low resistivity unit means conductor layer – lithium brines may be present in the aquifer







Brazil Projects – Lithium, REE and Niobium



REE Ranking



Brazil Projects – REE and Niobium carbonatite deposit



The white areas on the figure on the right are the most probable to have been fenetized and concentrated rare earths



Board of Directors - Strong leadership, technical and commercial experience



Phil Thomas Executive Chairman

- Phillip has more than 20 years' experience working in Argentina on lithium salars at Pocitos, Guayatayoc, Salinas Grandes, Pozuelos, Rincon, Incahuasi and now Pocitos and Cilon salars.
- He is past Exploration Director of Recharge Resources, and past CEO of A.I.S. Resources Ltd, Lithea Ltd and chairman and CEO of Admiralty Resources NL (ASX:ADY) where he and his team explored and developed a pilot plant at the Rincon Salar in 2003-2008. He is both QP for NI43-101 and CP for JORC in lithium brines.
- Phillip is President of Panopus Plc a Singapore based resources and banking consultancy that specialises in valuations and appraisals of mining projects
- He is FAusIMM (CP Val), MAIG, MAIMVA(CMV)



Rick Athon Non-Executive Director

- Rick Anthon is an independent Non-executive Director who joined the Board of Patagonia Lithium Limited from 19 February 2024.
- Rick has a BA LLB from Australian National University. • Bureau of Investment and International Trade. He is a lawyer with over 30 years' experience in both coordinating investment initiatives, and contributing corporate and commercial law practicing exclusively in with his vast experience in several industries and the resource sector. Rick has worked both as a countries. He has served as President and Executive Director director and adviser to numerous resource companies ٠ of SAPISA and Minera Don Nicolás, an Argentinian and has extensive skills in project planning, acquisition private equity fund and one of its investments in the and development, capital raising and corporate mining sector, respectively. Minera Don Nicolas is governance. Rick's most recent role was as head of Corporate Development for 8 years for Allkem Limited the first local mining project based on Argentinian capital. He has also served as M&A Director at (formerly Orocobre Limited) where his responsibilities Electric and Advent International General included capital raisings, the strategic partnership with Corporation for Latin America, and as Manager at AT Toyota Tsusho Corporation, Orocobre's 2021 merger Kearney. with Galaxy Lithium and ultimately Allkem's recently completed \$10Billion merger with Livent Corporation to form Arcadium Lithium.





Pablo Tarantini Non-Executive Director

- Pablo Tarantini was appointed 25 October 2024.
- Pablo has accumulated broad professional experience in the mining industry. For two years, he has served as Executive Director of the Argentinian

Formentera is a world class project being developed for production – Key Features

SUBSTANTIAL LITHIUM RESOURCE WITH EXCELLENT GEOHYDROLOGY
Lithium grades from 1,108ppm on surface to 580ppm at 376m depth mea

Lithium grades from 1,108ppm on surface to 580ppm at 376m depth means high efficiency when extracting lithium, porosity values [Sy 11.46%] are very high, derived from core and BMR surveys.

FAST TRACK TO PRODUCTION

The framework for a 1,000 tonne Ekosolve demonstration plant has been developed including production rates, size of equipment and footprint, and information required to be included in our application.

• LOCATED AT A TIER ONE ADDRESS

Excellent infrastructure, Jama salar 5km away hosts Austroid Corporation, previously Lake Resources, Lilac solutions JV, to the south east and north - Integra Lithium, and the town of Susques is 100km away.

• EXPERIENCED BOARD & MANAGEMENT

Executive management team comprises Directors (ex Australia, Argentina) with extensive experience in Argentina, local geology, logistics, legal, accounting and audit and resource development experience with significant exposure to the development of junior lithium companies.



PATAGONIA LITHIUM

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Cross referenced announcements

Sampling at Formentera and Cilon Assays 1,122ppm Lithium MT Geophysics Defines Significant Prospective Drill Targets Geophysics Generates Significant Prospective Drill Targets 92% Lithium Extraction from Formentera Brines 99.9% Lithium Carbonate Produced from Formentera Brines Completion of First Hole at Formentera Lithium Project Completion of First Hole at the Formentera Lithium Project Successful Pump Test at Maiden Formentera Project Well Outstanding Assay Results from First Drilling in Argentina Assay Results from Drilling in Argentina Second Well at Formentera Completed Exceptional Results Achieved from Well Two at Formentera Strong Brine Flow - Well Three Formentera Lithium Project Strong Results Achieved from Well Three at Formentera High Porosity Results Achieved from Well Two at Formentera Outstanding Result Achieved from Well Three Pump Test Well 3 Cores Sent for Porosity Testing Well Four Completed at Formentera Outstanding Results from Well 4 Pump Test Excellent Result achieved from Well Three Porosity Core Test Outstanding Borehole Porosity Test Results at Formentera Outstanding Porosity Result from Well 4 Pump Test Significant Maiden Lithium Mineral Resource Drill hole Porosity Analysis and Environmental Testing Outstanding 40% Maximum NMR and Yield Results in Well Four Outstanding 44% NMR and Specific Yield Results in Well One Outstanding 44% NMR and Specific Yield Update for Well One Prospective 41% NMR and Specific Yield Results in Well Three Lithium Carbonate Mineral Resource Increased by 319%

