AIM: CTL

CleanTech Lithium

Scaling Next-Generation Lithium Projects in Chile

November 2025

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Company Snapshot

Three lithium projects in Chile, prospective to development stage

AIM: CTL listed in March 2022. Plans to dual-list on ASX, process well-advanced

Shares on issue ~200 million. Current Market valuation ~£12m*

Major Shareholders include established resource funds

*As of 7th November 2025

Athos **22.9%**
Metals One **10.0%**
Regal** **8.0%**
Board and Management **3.3%**

Note(s) 1*: As at 7 November 2025
Notes 2: **Emerging Companies Opportunities Fund and Regal Emerging Companies Funds 111

Leadership team with extensive in-country and international experience

Senior Management that has Delivered Major Mining Projects

Dr. Steve Kesler Non Exec-Chairman
Chile experience, first CEO of Collahuasi and VP Escondida leading growth to 1million tpa copper Former CEO ASX listed European Lithium/ Ex-Rio Tinto and Billiton. PhD in Mineral Technology.

Ignacio Mehech, CEO – Joined April 2025
Former Country Manager for Albemarle in Chile up until 2024, managing a workforce of 1,100 employees. Managed high profile engagements with investors, OEMs, NGOs, analysts, scientists and international government representatives.

Gordon Stein CFO
Chartered Accountant with over 30 years of expertise in the energy, natural resources and other sectors in both executive and non-executive director roles. Has been CFO of 6 LSE companies over past 20 years

Paul Atherton, Non- Executive Director
Chartered Accountant with experience in corporate finance with professional services firms and resource companies in sub- Saharan Africa. CFO then CEO at Heritage Oil (a FTSE 250 company) and after 18 years left to develop his interests as an angel investor and board director in a diversified portfolio of businesses in the resources, technology and healthcare sectors.

Developing Lithium Projects Located in an established Mining District

- Chile is looking for private companies like CleanTech Lithium to help unlock potential of selected salar basins, led by the National Lithium Strategy.
- Scoping studies completed for Laguna Verde and Viento Andino projects, PFS nearing completion at Laguna Verde.
- Chile has the largest lithium reserves in the world, an experienced workforce and established infrastructure to continue being a major lithium producing country.

So where are we today in November 2025?

Flagship project Laguna Verde

- Invested over US$30 million and completed successful drilling campaigns since 2022 which have **established major JORC resource** of 1.9 million tonnes LCE, 0.84 mt M&I.
- Delivered the Scoping Study and the **PFS is being finalised**, led by international engineering company Worley, and will be completed once CEOL (operating contract) application has progressed
- Planning resource drilling, reinjection and pump testing to commence post LV entering streamline CEOL award process, **expected in early 2026**.

Direct Lithium Extraction

"It (DLE) is actually the solution to provide the lithium that the world needs,"

Former Rio Tinto CEO
Jakob Stausholm

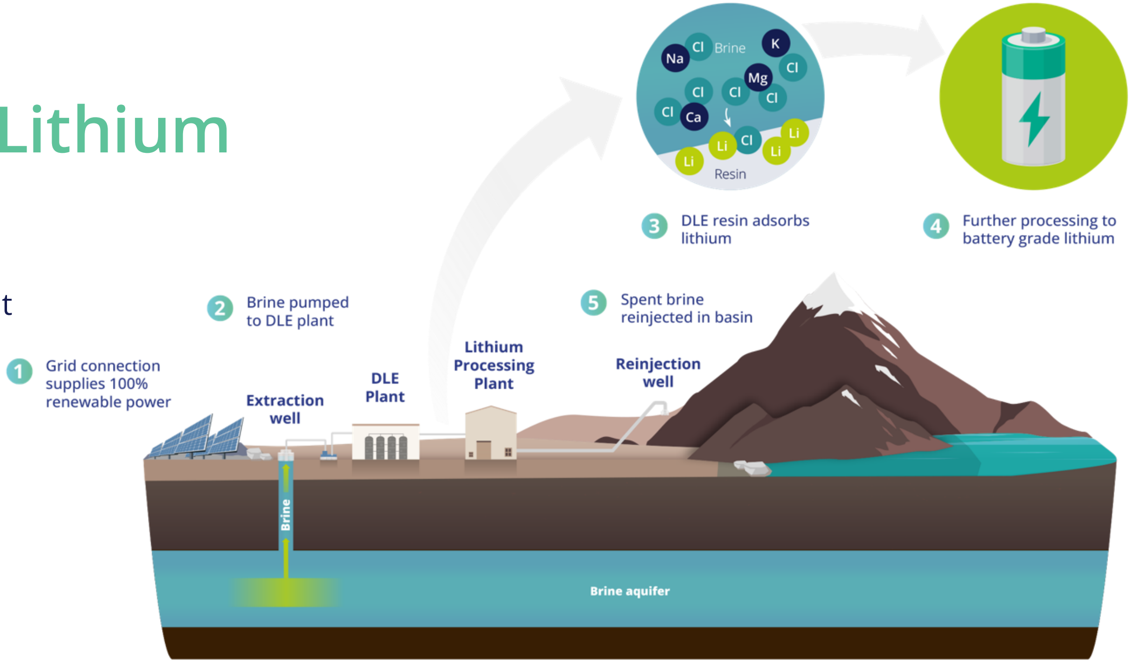
Technicians installing the DLE Pilot Plant at the R&D centre in Copiapó

Selective Extraction of Lithium from Brine

- DLE used commercially for >20 years by Livent in Argentina, and more recently in China and now seeing major investment e.g. Rio Tinto
- Much higher recoveries than evaporation ponds
- Short production (1 to 2 days) vs evaporation ponds (12 to 24 months)

Low environmental footprint

- No requirement for evaporation ponds
- No sub-surface aquifer depletion
- Low-CO_2 emissions



Brine extraction

Existing DLE plant, Xi'an, China

Smaller operational footprint

Producing Pilot Scale Lithium Carbonate

- We are producing lithium carbonate from Laguna Verde concentrated eluate - recently proven to be high purity (99.78%) with low impurities (Jan 2025).

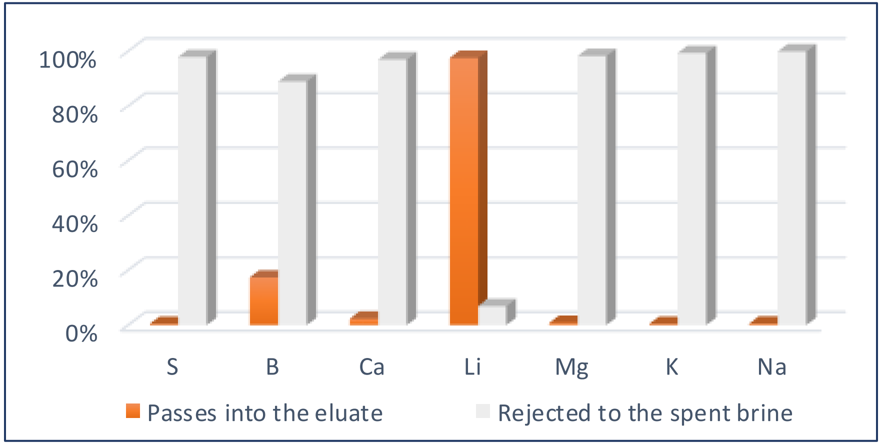
- Focus is on scaling these results and with further refinement to produce up to 1 tonne per month of LCE.

- Battery-grade product will be made available to potential strategic partners and off-takers to start product qualification

Process Optimised for Battery Grade Samples

- Produced battery-grade lithium carbonate with 99.75% purity. Results were very positive and demonstrated scalable process
- Pilot plant first stage production completed: 88m³ of concentrated eluate (approx. 1 tonne LCE)
- Total recovery of 88% for lithium from feed brine into eluate with very high impurity rejection rates producing high quality purified eluate
- Conductive Energy completed test-work on 200L sample of concentrated eluate to set up the downstream pilot plant

DLE Performance – Rejection of Major Impurities



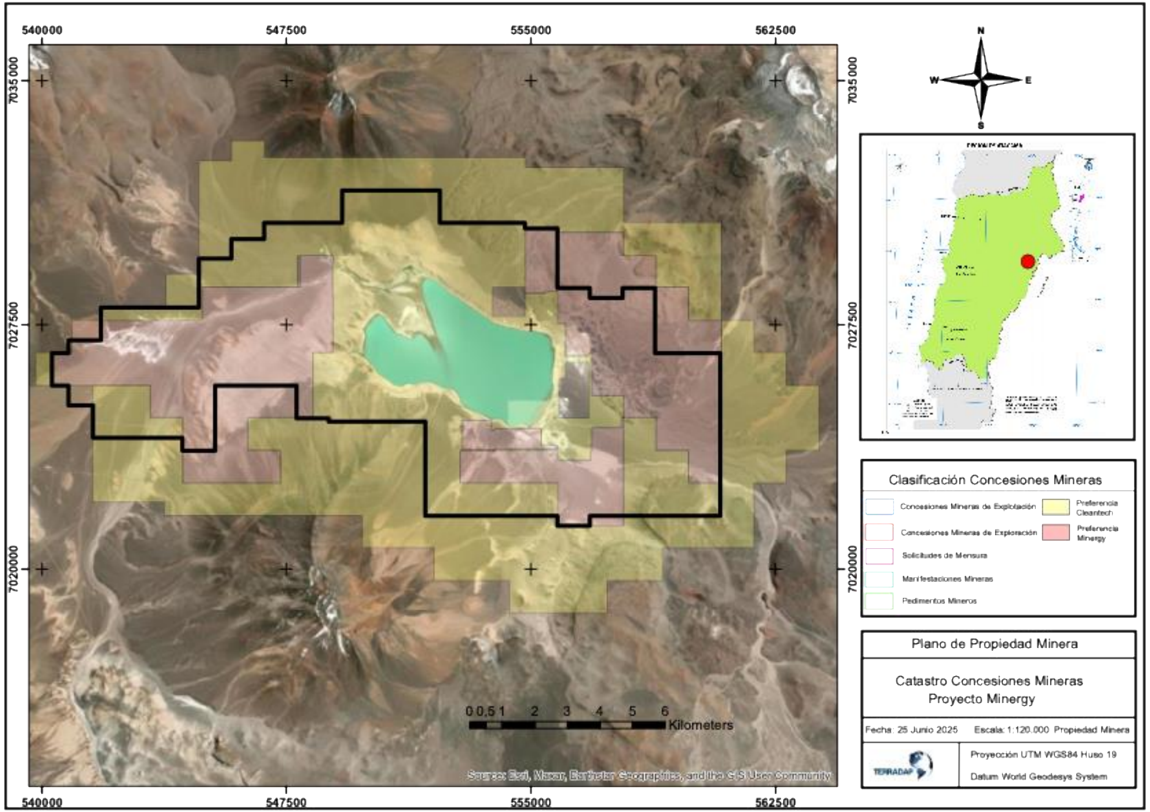
Lithium Carbonate Sample from 200L Test-work

Dissolved Element	Final Product	
	Mass (g/kg)	Wt%
Li2CO3	997.48	99.75%
B	0.011	0.001%
Ca	0.169	0.02%
K	0.223	0.02%
Mg	0.234	0.02%
Na	0.265	0.03%
SO4	0.833	0.08%

Delivering the project

Operating Contract (CEOL) with the Chilean Government

- Laguna Verde is one of six salars to be fast-tracked by the Chile Gov’t for CEOL awards as part of a stream-lined process.
- CleanTech in talks with Chilean government re Special Lithium Operating Contract application.
- CTL holds 97.63% of the licences in the suggested Government polygon for the Laguna Verde CEOL. CTL already hold majority of licences in the project area.
- CEOL approval will enable commercial lithium sales, a game-changing step that opens the door to strategic partnership discussions. CleanTech expects to receive CEOL in 2026.



Expected New CEOL (Operating Contract) Timeline with Chilean Government

August to October	November to December	January 2026 onwards
Indigenous consultations conducted by the Government to agree on polygon area and project development of streamlined projects. Proposed duration of three months.	Once the community consultations have completed, it is expected that CTL`s CEOL application will enter a new fast-track (streamlined) process by the Government, bypassing any public tender process.	Official new CEOL application expected to be made in Q1 2026 with ongoing collaboration with indigenous communities and regional stakeholders ensuring local support for LV project development. CEOL award anticipated in Q2 2026.

Strong Stakeholder Relationships based on Co-designed Agreement with Local Communities

- Early engagement with indigenous communities has led to an agreement to collaborate on the Environmental Impact Assessment (EIA) and CEOL permitting process
- CleanTech is collaborating with local universities to mutually develop DLE expertise and skilled workers
- ESG Committee was first formed in June 2023 to guide, support, grow and deliver stakeholder value
- Member of the UN Global Compact and aligned to UN Sustainable Development Goals

Top right image: Presenting the signed alliance between CTL and the local communities at CTL's office in Copiapó.

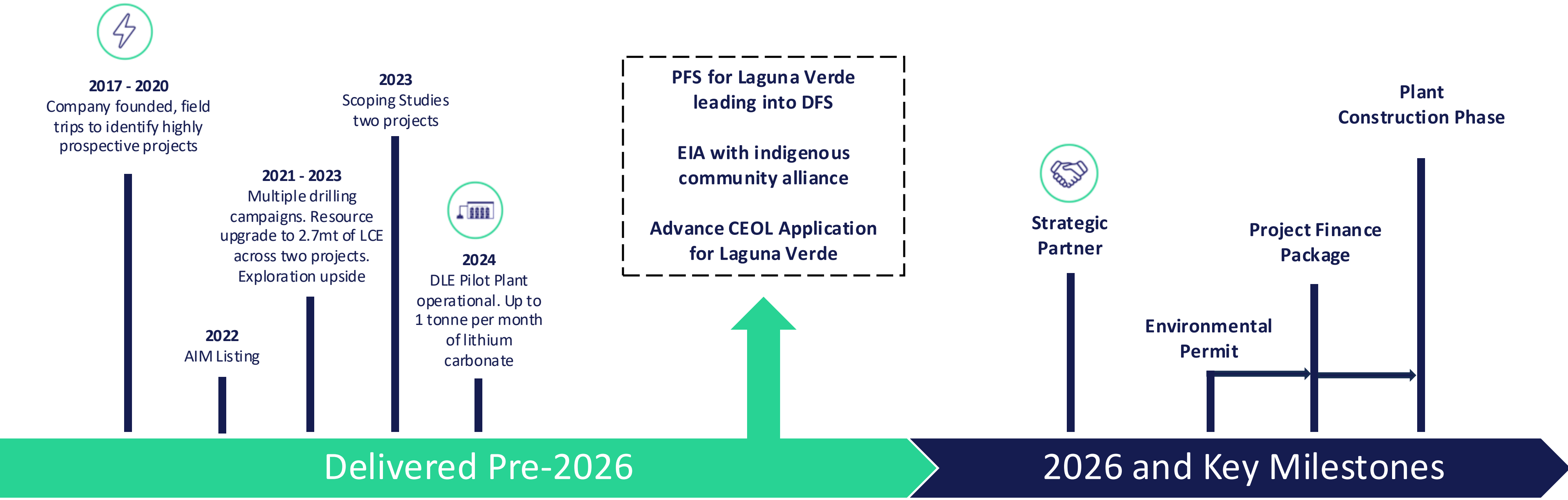
Second image translation: The Atacama indigenous leader who criticised Codelco-SQM alliance but supports CleanTech Lithium´s project

UN GLOBAL COMPACT
United Nations Global Compact

Líder indígena de Atacama que criticó alianza Codelco-SQM entrega respaldo a proyecto de litio de CleanTech Lithium

CleanTech Lithium's Development plan

Major activity from 2026 onwards when lithium price is starting to show return



Premium Lithium Product for the Growing EV and Energy Storage Market

- Chile – largest reserves with pro-DLE gov't, and CEOL process underway
- Scaling battery grade lithium product via DLE. Ready for strategic investment
- Laguna Verde PFS due for completion once CEOL licence area defined
- Early engagement with local communities. First co-designed alliance to collaborate on EIA
- Strategic engagement with major potential partners – CEOL & PFS will kick-start conversations
- Proven board – delivered large-scale commercial projects

Thank You

Despite challenges, we keep developing our projects and delivering on key milestones towards production.

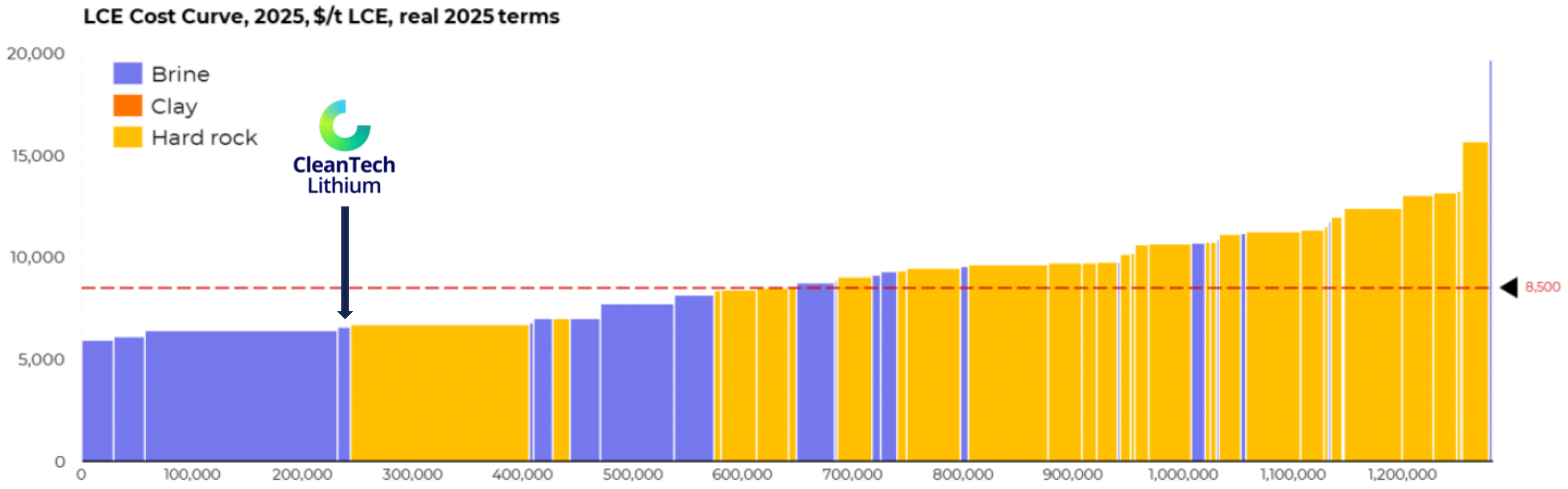
The lithium price crash caught everyone off guard but we kept moving. We didn't stop, we built and advanced our projects.

Now, as prices start to show recovery and the industry matures, we're exactly where we planned to be: ready to become Chile's next lithium producer.

Join us and be part of what comes next.

Contact: info@ctlithium.com

Brine-based lithium projects cost advantage



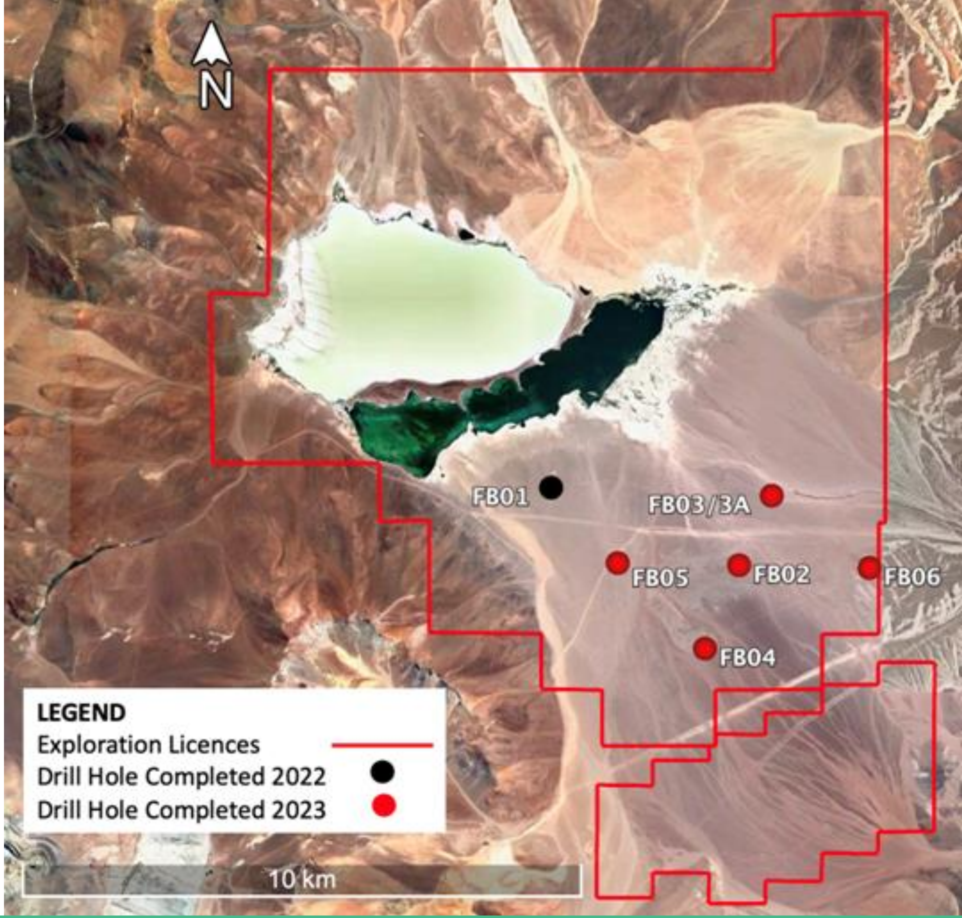
The price line corresponds to the current carbonate price, July 2025

Source: Benchmark Mineral Intelligence July 2025

Project 2

Viento Andino

- 127km² licence area – located within 100km of Laguna Verde, similar key infrastructure
- Water and power access nearby: 10km away from substation at Maricunga mine
- Average grade 207 mg/L Li
- Scoping study published Sept 2023 with positive economics



JORC Resource	Measured	Indicated	M+I	Inferred	Total
Lithium (mt LCE)	0.0	0.44	0.44	0.48	0.92
Grade (mg/l Li)	n/a	221	221	195	207

Project 3

Arenas Blancas – Exploration Upside

- Located on periphery of Salar de Atacama basin (30% of global lithium production in 2024)
- 200km² licence area, located outside the CORFO strategic area
- Geophysics indicates the highly lithium enriched subsurface aquifer extends into licence area
- Well drilled by a 3rd party <2km from west licence blocks averaged 2,100mg/L Li. Technical work programme planned subject to consultation with local communities

The Salar de Atacama has the largest lithium reserves in the world at 9.3 million tonnes.

Source: Statista