



TSX-V: LITH OTCQB: LTMCF

EXPLORING AND DEVELOPING THE LITHIUM TRIANGLE

August 2023

LITHIUM CHILE HAS OWNERSHIP IN THE LARGEST HIGH-GRADE LITHIUM RESERVES IN THE WORLD COMPRISING OF 111,978 HECTARES IN CHILE AND 20,800 HECTARES IN ARGENTINA.



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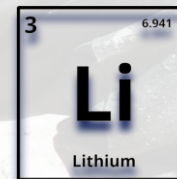
FORWARD-LOOKING STATEMENTS

Statements included in this presentation that do not relate to present or historical conditions are “forward-looking statements”. Forward-looking statements are projections in respect of future events or the future financial performance of Lithium Chile. In some cases, you can identify forward-looking statements by terminology such as “may”, “should”, “intend”, “expect”, “plan”, “anticipate”, “believe”, “estimate”, “predict”, “potential”, or “continue”, or the negative of these terms or other comparable terminology.

In particular, this presentation contains forward-looking statements relating to Lithium Chile’s business and its future opportunities and business strategies. Expenses required to operate Lithium Chile’s business, business prospects, and strategies, The forward-looking statements contained in this presentation are only predictions and involve known and unknown risks, uncertainties and other factors, which may cause the Company’s, or its industry’s, actual results, levels of activity or performance to be materially different from any future results, levels of activity or performance expressed or implied by the forward-looking statements. These risks and uncertainties relate to, among other things:

1. General economic conditions and market uncertainty, including business competition;
2. Changes in laws and regulations;
3. General political and social uncertainties;
4. The viability and marketability of Lithium Chile’s mining operations.
5. The Company’s failure to successfully implement its marketing plan;
6. The development of superior technology by the Company’s competitors;
7. Risks and uncertainties associated with the Company’s ability to raise additional capital;
8. Risks associated with the failure to retain and attract key management and personnel.
9. Other factors beyond the Company’s control; and
10. Other risk factors detailed in Lithium Chile’s reports filed on SEDAR and available at www.sedar.com.

Readers are cautioned that the foregoing factors are not exhaustive. You are urged to consider these factors carefully in evaluating the forward-looking statements contained herein and are cautioned not to place undue reliance on such forward-looking statements, which are qualified in their entirety by these cautionary statements and the risk factors set forth in Lithium Chile’s quarterly and annual reports filed on SEDAR and available at www.sedar.com.

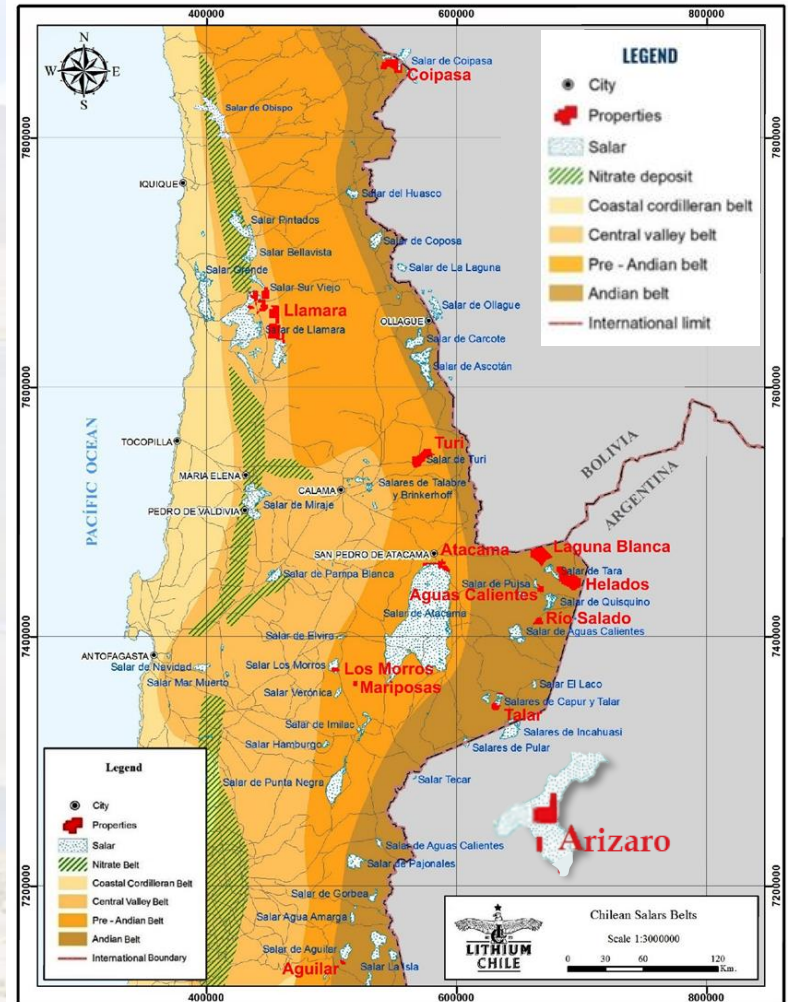


COMPANY OVERVIEW

-  Lithium Chile has one of the **largest land portfolios** in the junior mining sector with properties on **13 salars**, totaling **over 130,000 hectares**.
-  Ownership in **111,978** hectares of lithium prospective land in Chile, and **20,800** hectares in Argentina.
-  **3,323,000** tonne Lithium Carbonate Equivalent Resource from the Salar de Arizaro in Argentina.
-  **PEA** highlights a Pre-tax NPV of **US\$1.8 billion** on the Arizaro Project, with a Pre-Tax IRR of 29.3%.
-  An **Exploration Program in Chile** that includes **4 drill holes** on the expansive Molle Verde claims, began in July 2023.
-  **Significant cash** position of over **\$35M CAD @ March 31, 2023**.
-  **A Proven & Experienced Team** in Canada, Argentina and Chile.

PROPERTY LOCATIONS

PROJECT NAME	AREA	TYPE/AREA	HECTARES
Aguilar	Chile	Lithium	1,078
Aguas Caliente	Chile	Lithium	2,500
Atacama	Chile	Lithium	6,000
Coipasa	Chile	Lithium	11,300
Helados	Chile	Lithium	25,100
Laguna Blanca	Chile	Lithium	14,700
Llamara	Chile	Lithium	35,500
Los Morros	Chile	Lithium	1,700
Mariposas	Chile	Lithium	1,200
Rio Salado	Chile	Lithium	2,900
Talar	Chile	Lithium	1,500
Turi	Chile	Lithium	8,500
Arizaro	Argentina	Lithium	20,800
Apolo	Chile	Gold,Silver,Copper	2,529
Carmona	Chile	Gold,Silver,Copper	7,500
La Fontuna	Chile	Gold,Silver,Copper	7,700
Sancarron	Chile	Gold,Silver,Copper	2,700
TOTALS			153,207



LITHIUM COMPANIES – CONSOLIDATION AND RACE FOR ASSETS







Lithium M&A Activity has seen an astonishing acceleration in 2021 /2022...

-  April 2021: Lithium miners Galaxy Resources and Orocobre announced a US\$3.1bn merger
-  August 2021: Bacanora Lithium agreed to cash offer of £284.8m from Ganfeng Lithium
-  September 2021: Sibanya Stillwater buy half of Ioneer's lithium project in US\$490m deal
-  November 2021: In a bidding war, Lithium America acquired Millennial Lithium for CAD\$470m
-  December 2021: Rio Tinto buys Argentina lithium mine for \$825m from private equity buyers
-  January 2022: Zijin Mining Group buys Neo Lithium for CAD\$960m
-  **May 2022: Chengxin Lithium Group invested over \$34m into Lithium Chile Inc.**
-  August 2022: China's Ganfeng Lithium pays \$962m for Lithea Inc - Assets in Salta Province
-  December 2022: Lithium America acquires Arena Minerals for US\$227m.

ARIZARO PROJECT

Lithium Chile commenced its **Exploration Program** on the Salar de Arizaro with the goal of establishing a measured resource.

Program Highlights include:

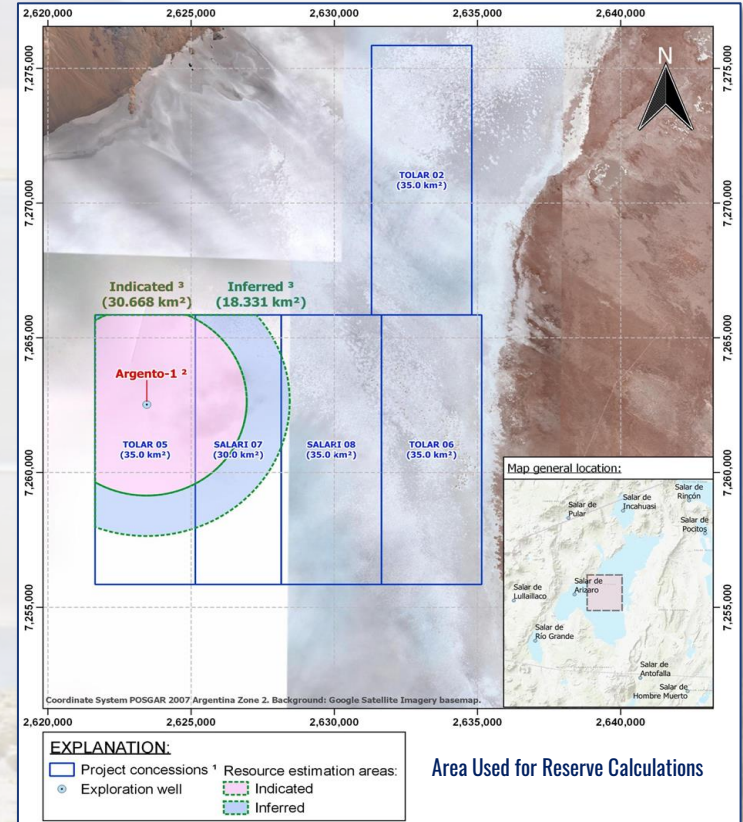
-  Seven Exploration holes to date (Diamond Drill Rig)
-  Three Production holes to date (Rotary Rig)
-  One fresh-water well with initial usage permit
-  Metallurgical Studies, including evaporation tests
-  An updated 43-101 report after each production hole.
-  A **preliminary Economic Assessment (PEA)**; analysis of the potential viability of the mineral resources.



Drill Rig on the Salar Arizaro

ARIZARO PROJECT – ARGENTO 1

- Argento-1 reached a depth of 470 meters below land surface (bls).
- Hydra-sleeve samples yielded values up to 446 mg/l of Li. Using the inflatable packer system, lithium samples returned values up to **555 mg/l**s.
- Dilutions caused by mesh casing during pump testing resulted in an average of 298 mg/l of Li used in the resources calculation.
- On its first well, an initial resource estimate totaled **1,430,000 tonnes** of lithium carbonate equivalent consisting of 895,000 tonnes of Indicated and 535,000 tonnes of Inferred lithium carbonate equivalent (LCE).

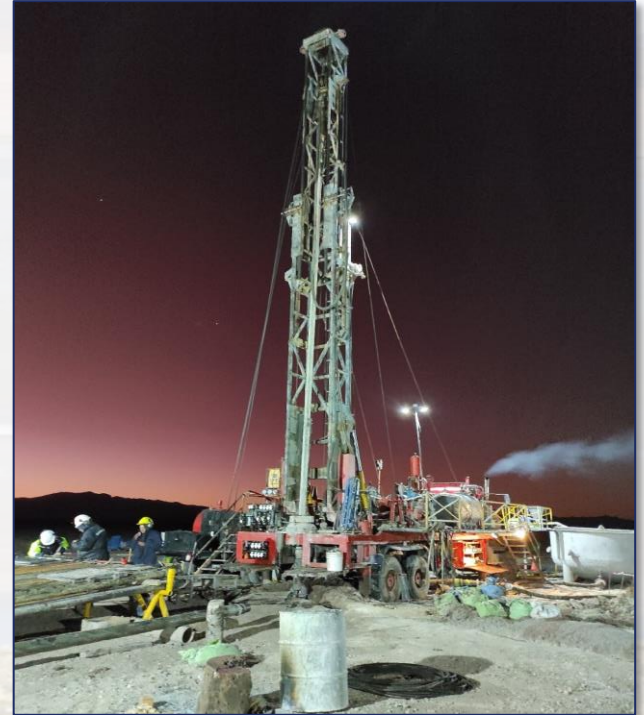


ARIZARO PROJECT – ARGENTO 2

Production Hole Highlights:

Argento-2, was completed and drilled to a total depth of **649 metres**.

- Argento-2 encountered the target brine aquifer between 343 metres and 598 metres.
- The aquifer on Argento-02 was **255 metres thick**, or 123 metres thicker than the Company's initial Argento-1 discovery.
- Samples taken between 360 metres to 450 metres on Argento-2 returned assays results as high as **350 mg/l** lithium.
- Total Indicated and Inferred resource from second well is **1,167,000 metric tonnes** of lithium carbonate equivalent.



Rotary Drill Rig on the Salar Arizaro

ARIZARO PROJECT – ARDHH-05

- ✎ The results of the fifth exploration hole, ARDDH-05, are highly positive in terms of lithium concentration.
- ✎ The fractured halite encountered, coupled with the high lithium concentration represents an area of interest for future exploration.
- ✎ The highest lithium grades on the Arizaro property to date, ARDDH-05 recorded grades of **584 mg/l**.
- ✎ Diamond drill hole ARDDH-05 added 169,000 indicated tonnes of LCE and 502,000 inferred tonnes of LCE, for a total of **671,000 tonnes of LCE**.



Drilling on the Salar de Arizaro

ARIZARO PROJECT: 43-101 Report

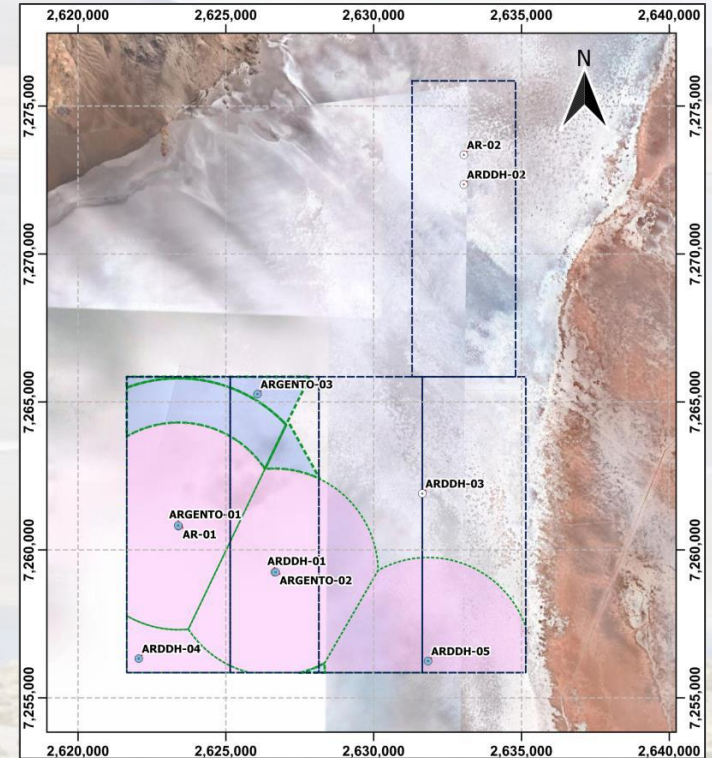
 Total Indicated and Inferred resource from Argento-1 is **1,430,000** metric tonnes of lithium carbonate equivalent

 Total Indicated and Inferred resource from Argento-2 is **1,167,000** metric tonnes of lithium carbonate equivalent.

 Total Indicated and Inferred resource from ARDDH-05 is **671,000** metric tonnes of lithium carbonate equivalent.

 Total Indicated and Inferred resource is a total of **3,323,000** metric tonnes of LCE.









RESOURCE CATEGORY	BRINE VOLUME (m3)	AVG. Li (mg/l)	IN SITU Li (tonnes)	Li2CO3 EQUIVALENT (tonnes)
INDICATED	1.17E+09	278	326,000	1,737,000
INFERRED	8.25E+08	360	297,000	1,583,000



Area Used for Reserve Calculations





ARIZARO PROJECT: PEA

The Preliminary Economic Assessment (PEA) provides an independent economic assessment of the potential of Arizaro, based upon the lithium resources outlined in the July 2023 Resource Estimate.

-  Pre-tax Net Present Value (“NPV”)8% **US\$1.8 billion**, After-tax NPV8% \$1.1 billion
-  LOM Average Li₂CO₃ price of **\$21.396 per tonne**
-  Pre-tax Internal Rate of Return (“IRR”) of **29.3%**, After-tax IRR of 24.1%
-  PEA mine and processing plant produces 25,000 LCE LOM over 19.1 years.
-  Pre-tax initial capital **payback period 3.5 years**; after-tax payback 3.6 years
-  Average LOM annual pre-tax cash flow over operating period: \$329m; annual after-tax cash flow: \$229m.
-  Initial Capital Costs (“Capex”) estimated at \$823m.
-  Operating cost (“Opex”) estimated at \$5,197/t LCE.

ARIZARO PROJECT – WATER WELL

Water is critical to produce lithium carbonate whether using traditional evaporation methods or direct lithium extraction (DLE).

-  The Company's water well, CHASCHA SUR-01, has been drilled, completed, and cased on the southern border of the Salar.
-  Over a **100-metre** water aquifer was identified.
-  Data from the well was submitted to the Salta Provincial Water Ministry in support of a future application to use a percentage of the water for a **lithium carbonate production plant of 25,000 tons** per year and to be used in camp for approximately eighty people .
-  The requested flow corresponds to 70 m³/h, with 24 hours of pumping, resulting in a daily flow of 1680 m³.



Water Well on the Salar de Arizaro

ARIZARO PROJECT – METALLURGICAL STUDIES



A fulltime pump and equipment is installed on Argento 1 to allow for continuous testing and analysis of the Arizaro Project.



Tests include advanced chemistry studies at the Company's lab in Jujuy Province to determine best production processes for lithium extraction, conducting evaporation tests to determine concentrations that will yield optimum recovery of lithium.







Brine was delivered to various DLE facilities for production tests and analysis including, Chengxin, Sunresin & Summit Nanotech.



Evaporation tests using the Company's brines

ARIZARO PROJECT – ON THE GROUND

-  The Company's permanent camp on the Western flank of the Salar de Arizaro accommodates 80 employees as a result of significantly expanded operations.
-  The camp houses the exploration team but was designed to eventually accommodate the employees of the planned DLE production facility.
-  The Company has passed three separate inspections and has been commended for the care and attention used in minimizing the impact on the environment.
-  Mitigating the impact mining operations has on the environment is a key component of maintaining our privilege to operate.



Permanent Camp on the Salar de Arizaro

KEY CHILEAN PROJECTS

MOLLE VERDE

A 100% owned, **35,500-hectare** property with historic drill results showing lithium grades up to 343 mg/l. The Company completed a 74-kilometer TEM geophysical program over the claims to define the highly conductive targets on Molle Verde.

A **four-hole, exploration program** began in July of 2023. The first hole, POZO LL-01, has been completed with results pending.

LOS MORROS

A 1,700-hectare property covers about 30% of the Los Morros Salar. Recent brine sampling shows lithium grades of up to **700mg/l** with a low magnesium impurity. A **1,500-meter drill program** has been planned following the program at Molle Verdes.



Drill Rig on POZO LL-01, Molle Verde

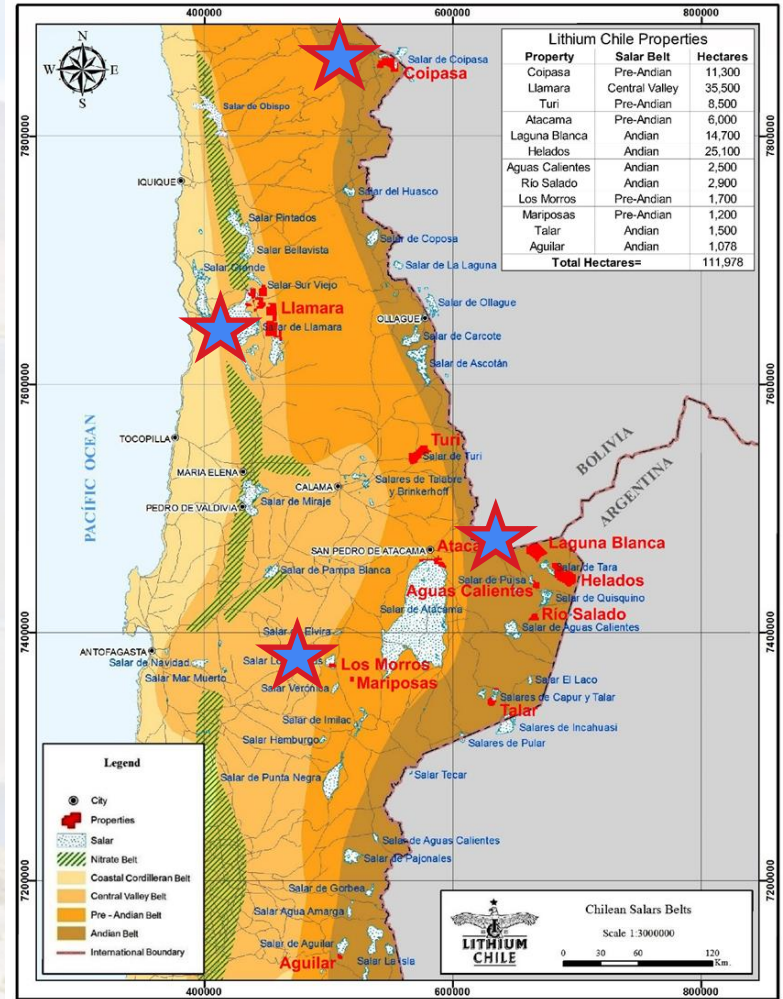
KEY CHILEAN PROJECTS

AQUAS CALIENTES

Detailed surface brine, sediment and rock sampling will begin in January on this 2,500-hectare property. Prior government sampling returned lithium values of up to **380 mg/l** from surface brine pools. Existing permits on part of the claims for borax mining will benefit the Company's overall permitting process.

COIPASSA

11,300-hectare property on the Andean Salar Belt on the border of Northern Chile and Bolivia. Near-surface brine samples assaying up to **1410 mg/l**. Grades comparable to production grades at the SQM and Albemarle's Salar de Atacama production plants. Negotiating access rights with the indigenous community of Ancovinto is a priority for LITH in 2023.



JOINT VENTURES - CHILE

Joint Ventures are consistent with the Company's goal to maximize the return of the Chilean assets while focusing on developing the Arizaro project through the Phase Two Program.

LAGUNA BLANCA – 14,700 hectares

Joint Venture with Monumental Minerals Corp. for an option to acquire up to 75%

Cash Payments of \$1.5M over 3 years, Project Expenditures of \$1.5M over 3 years, 9.9% Ownership in Monumental (payment shares)

TURI – 8,500 hectares

Joint Venture with Monumental Minerals Corp. for an option to acquire up to 50.01%

Cash Payments of \$700K over 2 years, Project Expenditures of \$1.4M over 2 years, Retention of 9.9% ownership in Monumental (payment shares) following the next Monumental financing

LAS GARILLAS – 1,900 hectares

Joint Venture with Volos Minerals Inc. for an option to acquire up to 51%

Cash Payments of \$100K over 2 years, Project Expenditures of \$250K over 2 years, Ownership in Volos (payment shares) = 9.9% upon listing, additional 9.9% after 1 year

FINANCIALS AND SHARE STRUCTURE at March 31, 2023

Share Price (Six MTH)	\$0.65 - \$1.10
Market Capitalization (Six MTH)	\$130M - \$220M
Cash Balance	\$35M
Marketable Securities	\$2M
Debt	\$0
Shares: Issued & Outstanding	196,685,347
Unexercised Warrants	12,168,596
Options Granted	11,950,000
Fully Diluted	220,803,943
Key Stakeholder Ownership	45%

RECOGNITION



Lithium Chile was awarded “**Best Lithium Company of the Year**” at the 2022 International Mines and Money Event in London.



MANAGEMENT TEAM



STEVE COCHRANE
PRESIDENT & CEO

Mr. Cochrane has 36 years of investment industry experience during which he has been instrumental in raising in excess of \$500m for “small cap” public companies. Mr. Cochrane’s extensive capital market experience will be an invaluable asset as Lithium Chile continues with the roll-out and expansion of its lithium strategy.

CAPITAL MARKETS/OPERATIONS



JOSÉ DE CASTRO ALEM
PRESIDENT OF SOUTH AMERICA OPERATIONS

Chemical Engineer with deep experience in international mining operations and commercial management. Specializing in process engineering, mining, and resources management operations. Jose has held key positions in mining orgs. in Argentina & Chile.

LITHIUM EXPLORATION & DEVELOPMENT



MICHELLE DECECCO
VICE PRESIDENT & COO

Ms. DeCecco brings deep capital markets, investor relations, and corporate development experience to Lithium Chile, with over 20 years in the public mining sector. Expertise in developing and executing corporate strategies including acquisitions, JV’s and strategic partnerships. Michelle holds a Masters Degree in Business.

CAPITAL MARKETS/CORPORATE DEVELOPMENT



JANA LILLIES
CHIEF FINANCIAL OFFICER

Ms. Lillies has over 25 years of experience within the mining industry, as a CFO for several publicly listed Companies including Lithium Chile Inc., PetroFrontier Corp and Elkwater Resources Ltd. Ms. Lillies completed an Applied Bachelor of Business Administration Degree, and holds a CGA, CPA designation.

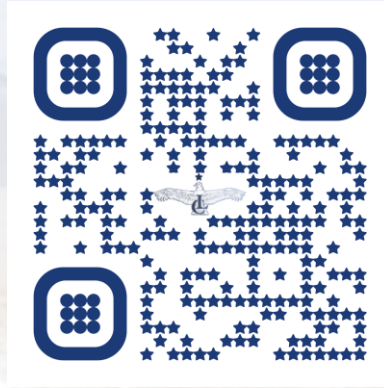
FINANCE & SECURITIES



TERRY WALKER
VP EXPLORATION & CHIEF GEOLOGIST

Terry Walker, M.Sc., P.Geol. is a highly experienced exploration geologist and technical team leader. He has spent over 27 years in Chile’s mining industry, with a particular focus on lithium, and is well connected throughout the sector. Terry is the co-founder of GeoServicios Piedra Dorada – an exploration and development services company.

LITHIUM EXPLORATION & DEVELOPMENT



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