



NEOLITHIUM



Tres Quebradas (3Q) Lithium Project

June 2017

Corporate Presentation

Forward-Looking and Cautionary Statements

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Why Neo Lithium?

The Right Asset

- One of the highest grade lithium brine projects in the world
- Lowest impurity content of any known salar
- Large salar footprint >150km²
- 100% owned and fully permitted

Fast Track

- ~US\$9M invested in the 3Q Project
- Camp/road, laboratory, process studies and pilot pond complete
- Encouraging results on process studies with simple processing

Unique Resource

- M&I resource of 714kt of LCE at 716 mg/L Lithium
- Inferred resource of 1,340kt of LCE at 713 mg/L Lithium
- Lowest combined impurity of any known salar
- Significant upside potential

The Right People

- Engaged GHD, world renowned engineering firm with experience in lithium brine processing facilities
- Exceptionally experienced local project technical team

Clean Structure

- ~88.6M shares outstanding, ~105.5M fully diluted
- Fully financed to FS with a strong balance sheet
- Strong s/h base: institutional ~40% and insiders ~20%

Capital Structure

TSX.V: NLC; OTCQX:NTTHF	\$1.20	~\$110M
Ticker	Price (June 16, 2017)	Market Cap
88.6	\$31M	nil
Issued & Outstanding Shares	Cash (March 31, 2017)	Debt
109.6M	~40%*	~20%
FD Outstanding Shares	Institutional Ownership	Insider Ownership

Note: all numbers in Canadian dollars except per share data

** Major shareholders include M&G, BlackRock, JPMorgan, Mackenzie, RBIM, Sprott*



Lithium Industry Recent News

BloombergBusiness

The Electric-Car Boom Is So Real Even Oil Companies Say It's Coming

by **Tom Randall**
 April 25, 2017, 1:47 PM EDT
 Updated on April 25, 2017, 2:56 PM EDT
 From **Climate Changed**

BMW Is Trying to Scare Staff Into Loving Electric Cars

by **Elisabeth Behrmann**
 April 26, 2017, 12:01 AM EDT Updated on April 26, 2017, 5:55 AM EDT
 From **Climate Changed**

30 Million Americans Might Go Electric for Their Next Car, Poll Says

That means approximately one in seven Americans will probably be buying an EV as their next vehicle.

BY AARON BROWN APRIL 26, 2017

Sustainable Energy

Electric Cars Could Be Cheaper Than Internal Combustion by 2030

Tesla gets the headlines, but big battery factories are being built all over the world, driving down prices.

by Michael Reilly May 23, 2017

Wall Street Journal, May 26, 2017

Peak Predictions

When big oil companies and the International Energy Agency expect global demand for oil to peak.

- BP**
In the 2040s
- Chevron**
Doesn't foresee a peak
- Exxon Mobil**
Doesn't foresee a peak
- Royal Dutch Shell**
2025-30
- Statoil**
2030
- Total**
As soon as 2040

International Energy Agency
After 2040

Sources: IEA and the companies
THE WALL STREET JOURNAL.

FINANCIAL TIMES

HOME WORLD US COMPANIES MARKETS OPINION WORK & CAREERS LIFE & ARTS

Volkswagen AG + Add to myFT

VW to triple electric car budget to €9bn over next 5 years

fastFT

Under Tesla's bonnet lies the cause of lithium's price surge

The price of lithium has risen almost threefold in two years, but the surge won't disrupt demand, as the cost accounts for less than 5 per cent of the cost of a lithium-ion battery, said Galaxy Resources.

PUBLISHED : Sunday, 16 April, 2017, 12:45pm
 UPDATED : Tuesday, 18 April, 2017, 9:34pm

COMMENT: 1

Electric buses: the new normal?

Published on April 16, 2017

Arjen Jaarsma | Follow
 Public Transport Expert

404 30 70

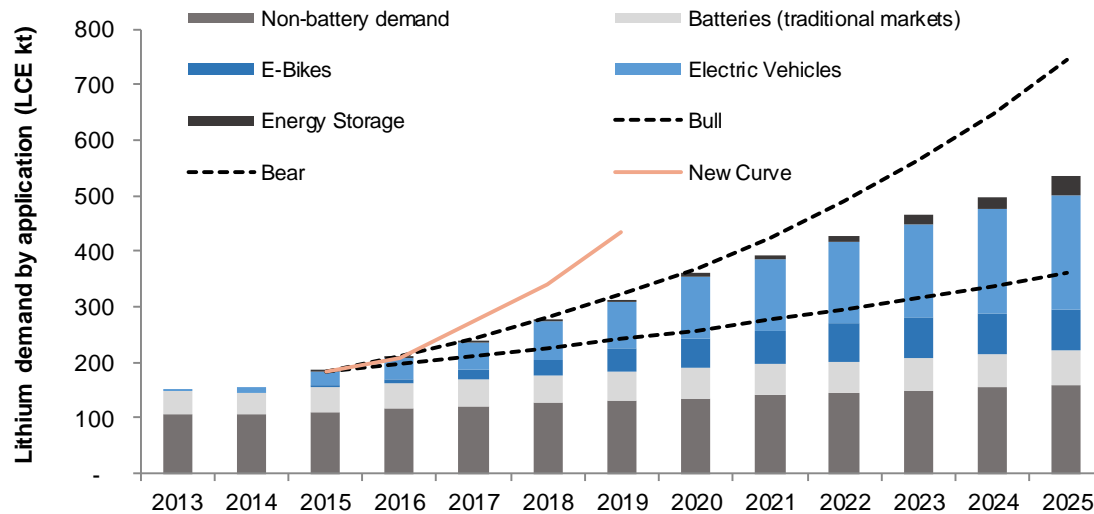
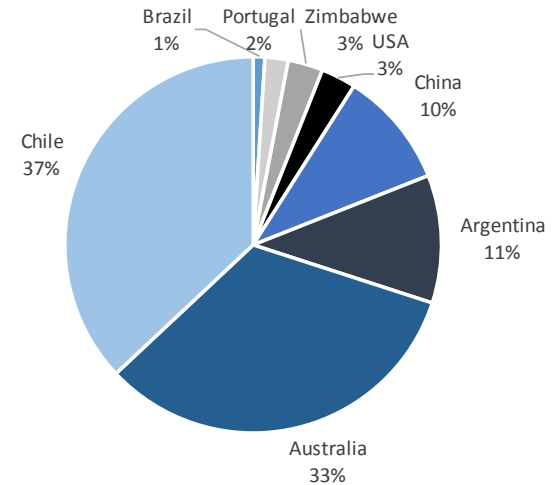
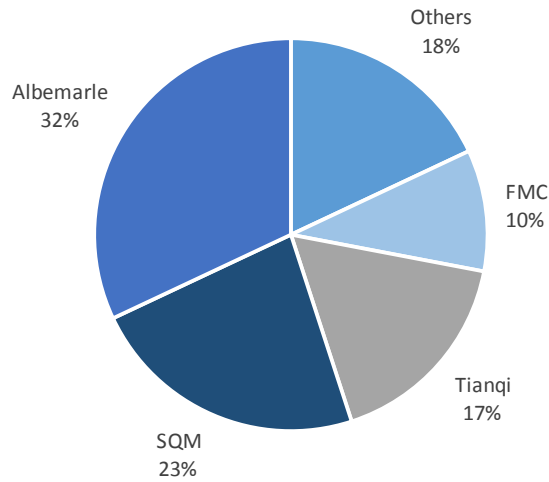
China leading the charge for lithium-ion megafactories

Jeff Desjardins - Visual Capitalist | Feb. 20, 2017, 11:36 AM | 986 | 0

Tesla Model S	Electric Vehicles	Hybrid Electric Vehicles	Power Tools	Laptop	Tablets	Smartphones
50kg	10 - 65kg	0.8 - 2kg	40 - 60g	30 - 40g	20 - 30g	2 - 3g

Lithium Industry

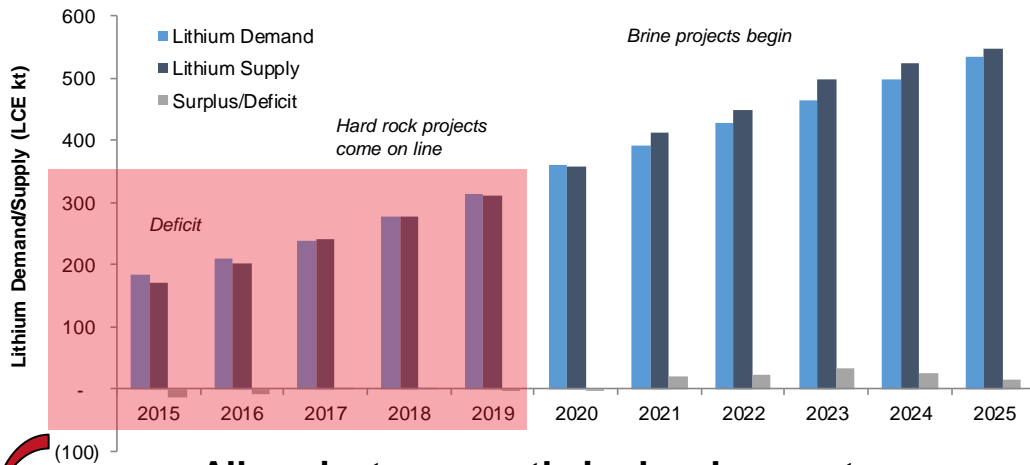
The Lithium industry is considered to have an oligopoly in production and location of supply



The Lithium industry has strong demand fundamentals led by electric vehicles
New Curve includes 7% EV penetration when VW is saying 25%

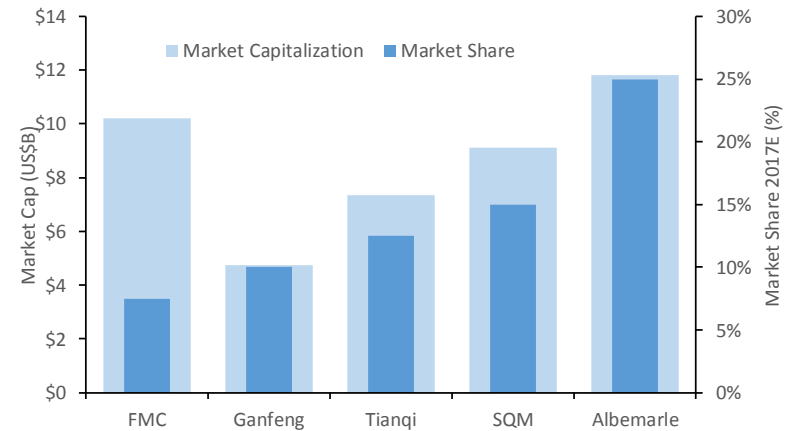
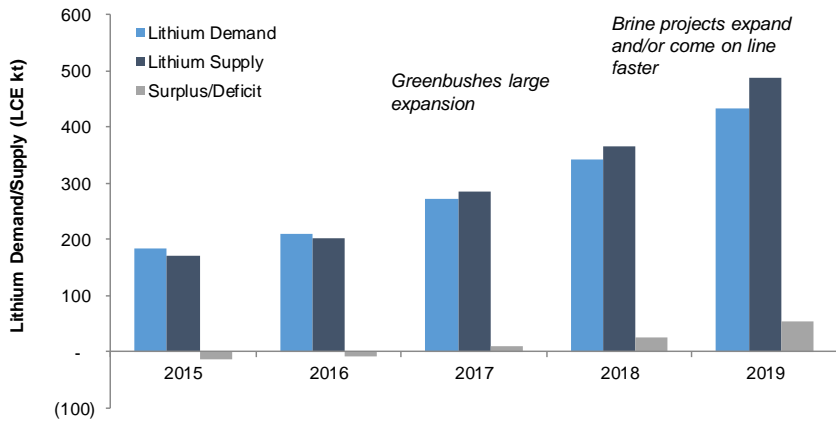
Source: company reports, industry studies and market data

Lithium Industry (Continued)



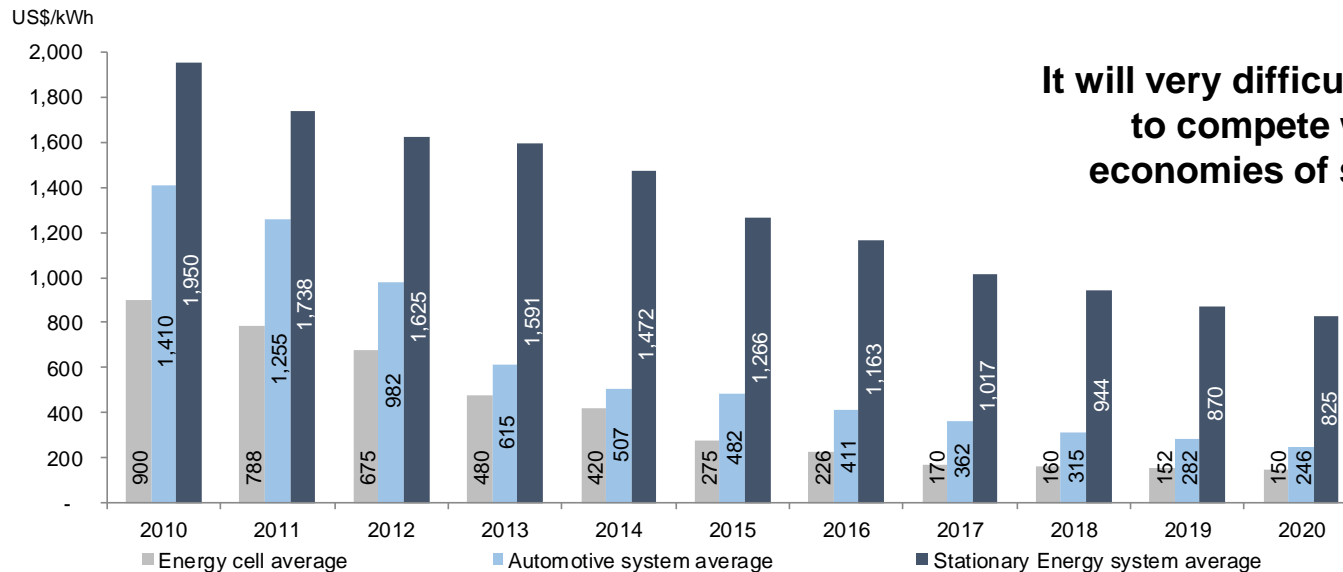
Some demand will be sourced from the oligopoly of producers but not all. These producers have strong balance sheets and market power to consolidate the market

All projects currently in development or announced must succeed in order to have a balanced market and to keep pace with demand

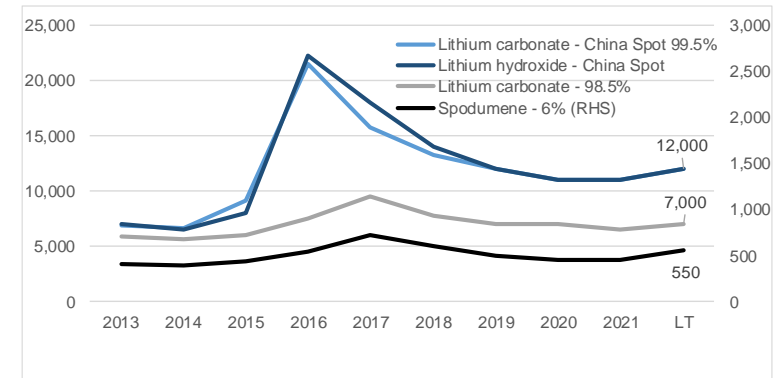
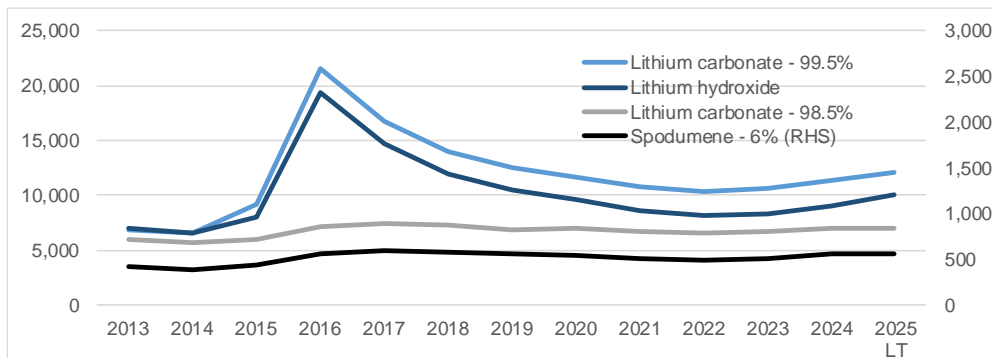


Source: company reports, industry studies and market data

Lithium Industry (Continued)



It will very difficult for other technologies to compete with Lithium due to economies of scale already in place



Even though recent price increase are not expected to continue, healthy margins are still possible for most producers, specially low cost producers

Source: company reports, industry studies and market data

Argentina Overview & Turn Around

De-Risking

Argentina has come a long way in the last 18 months since new Government and President Macri took over

The institutional framework improved dramatically with clear respect for the rule of Law

Favourable policies towards foreign investors is attracting capital

Currency controls were lifted allowing free flow of funds

Peso devaluated 50% lowering development costs

Export taxes on mineral products were lifted

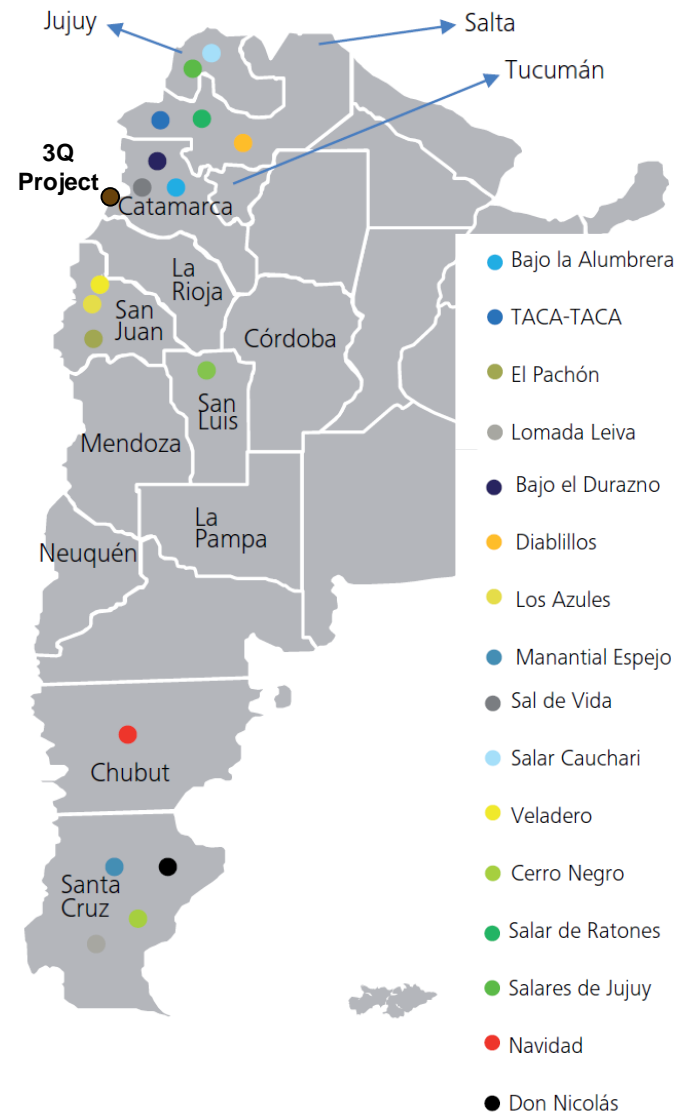
Import restrictions were lifted

Provinces are encouraged to attract mining investment

Improved outlook on international credit front promoting large infrastructure investments

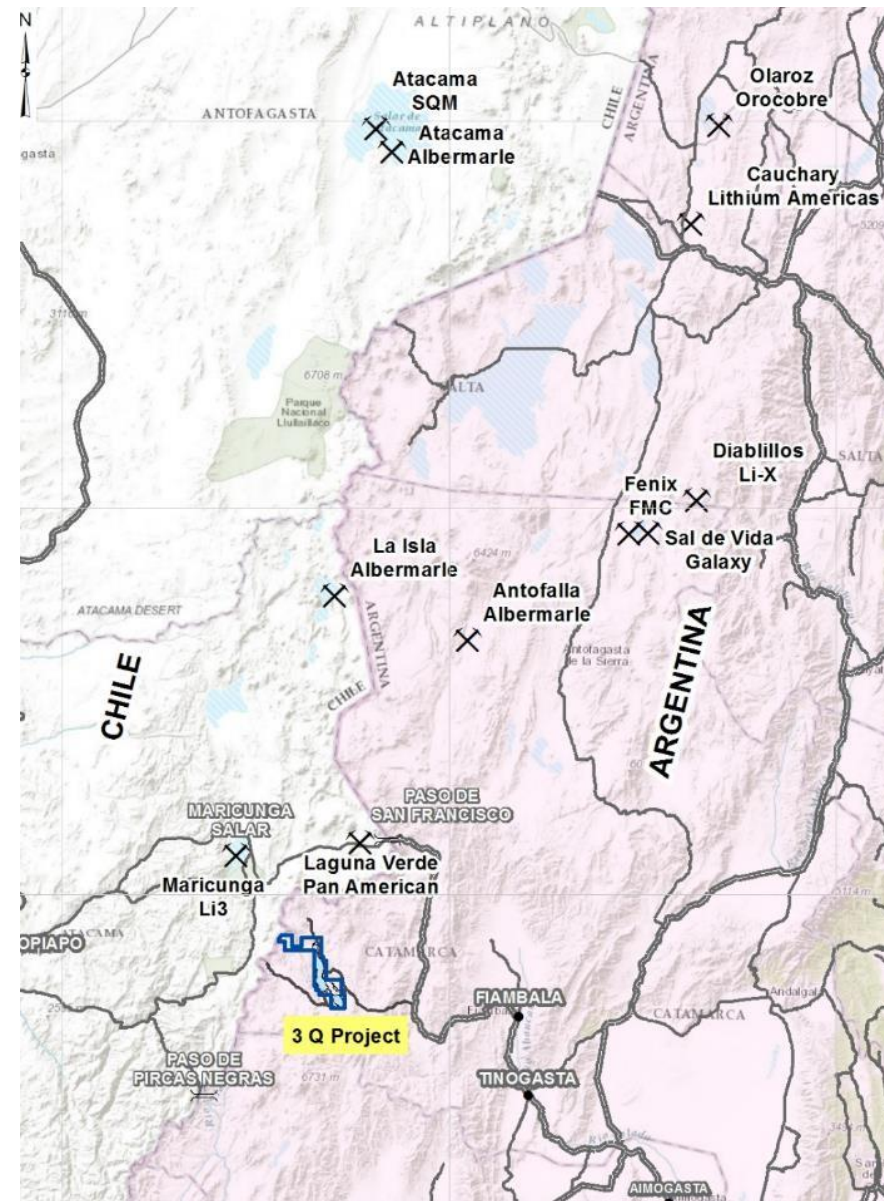
Strong support from national and provincial environmental agencies on Mining

Politically-driven environmental activism is on retreat



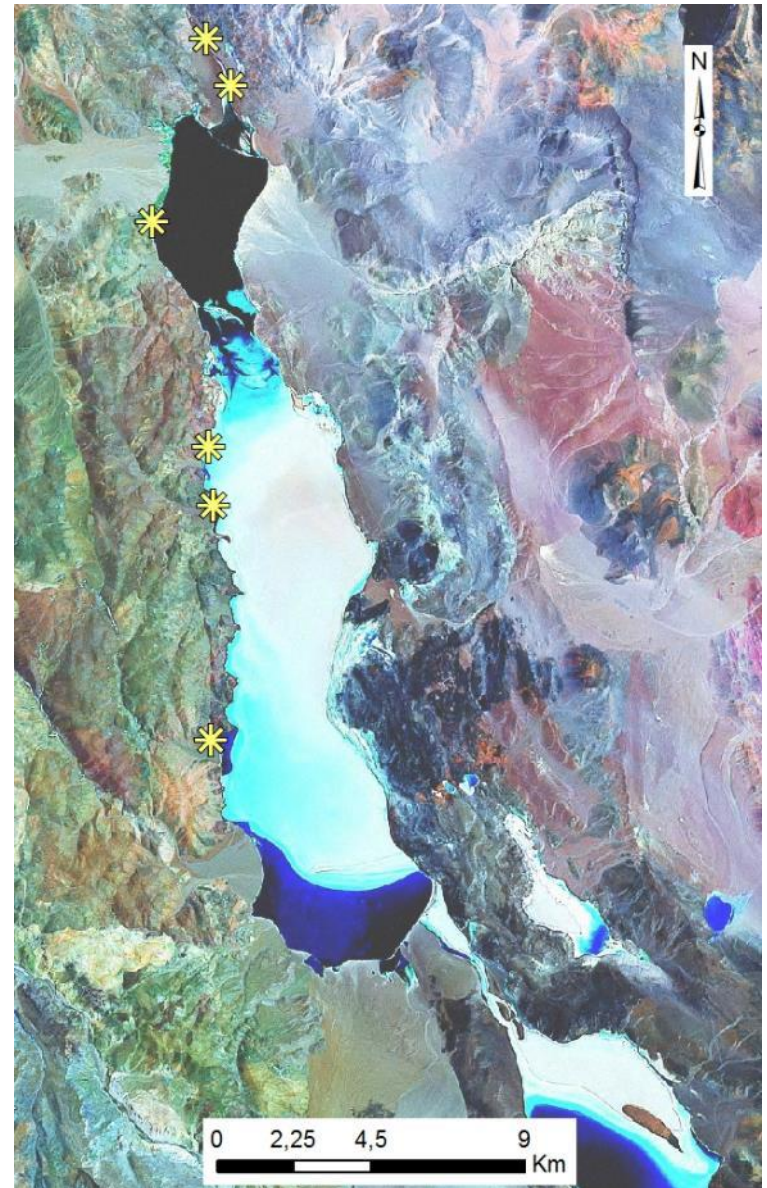
Location and Infrastructure

- Project located 30km from the Chilean Border with direct road to Pacific ports
- The company controls a total of 350km² up to the border with Chile
- 100% Ownership of the entire Salar Complex
- Fully environmentally permitted to Mine Construction
- Project is easily accessed through a provincial highway and a recently upgraded project road
- No inhabitants or aboriginal communities

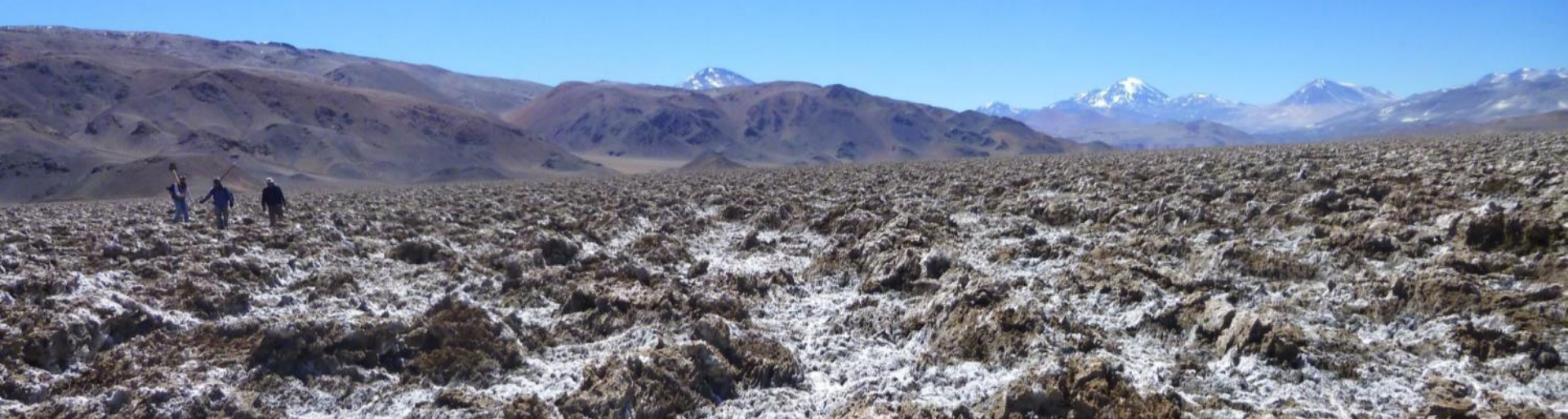


3Q Project

- Salar and brine reservoir complex that includes three brine reservoirs and three salars
- Geothermal springs (yellow stars on map) feed the northern part of the project
- Rapidly advancing the project
 - All weather road and camp completed
 - Drilling program completed
 - Geophysics completed
 - Evaporation process studies completed
 - Pilot evaporation pond completed and in operation
 - **Resource estimation**
- PEA estimate planned for Q3 2017



Lithium Brine Reservoir and Salar Complex



Lithium Rich Hot Springs Feed the Northern Target

- The northern target has the highest concentration of lithium and potassium grades and the lowest concentration of critical impurities
- Inflow of hydrothermal springs add lithium to the salar and brine reservoirs



Infrastructure at the 3Q Project

- Close to US\$9 million invested in the 3Q Project
- 60 person year- round camp



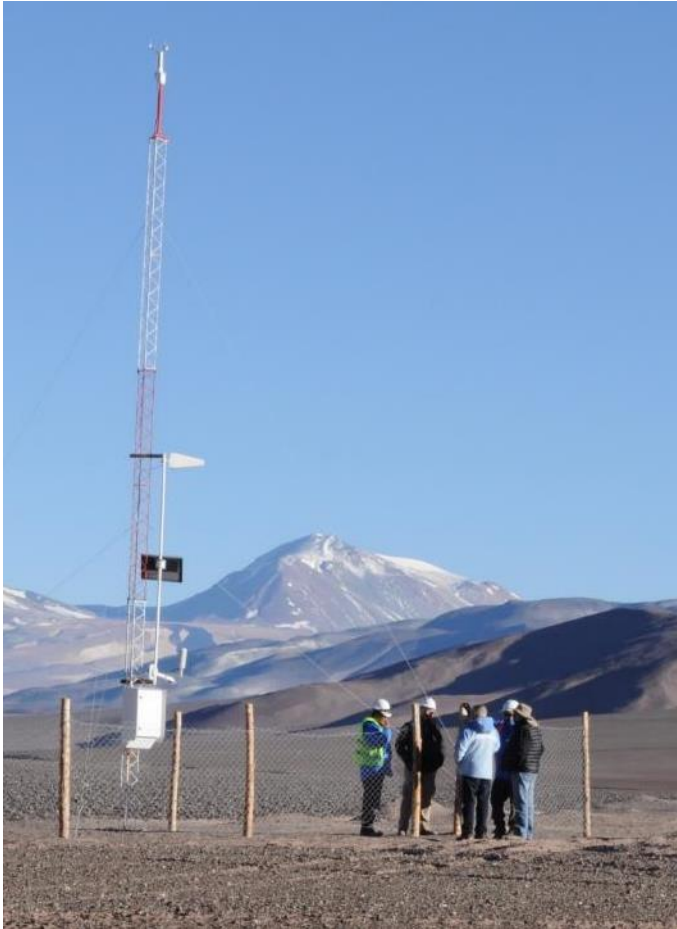
Infrastructure at the 3Q Project

- 60km all weather road upgrade and construction



Infrastructure at the 3Q Project

- Vaisala Weather Station and Full Geochemical Analytical Lab

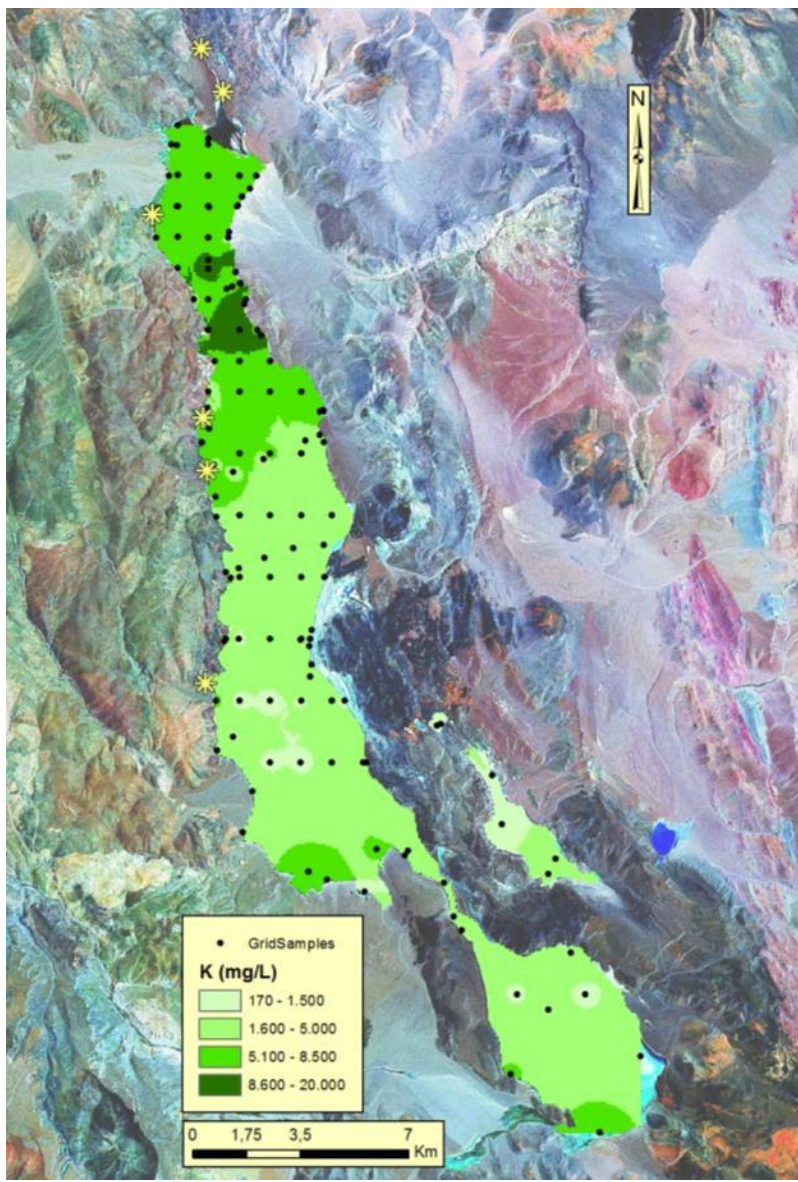
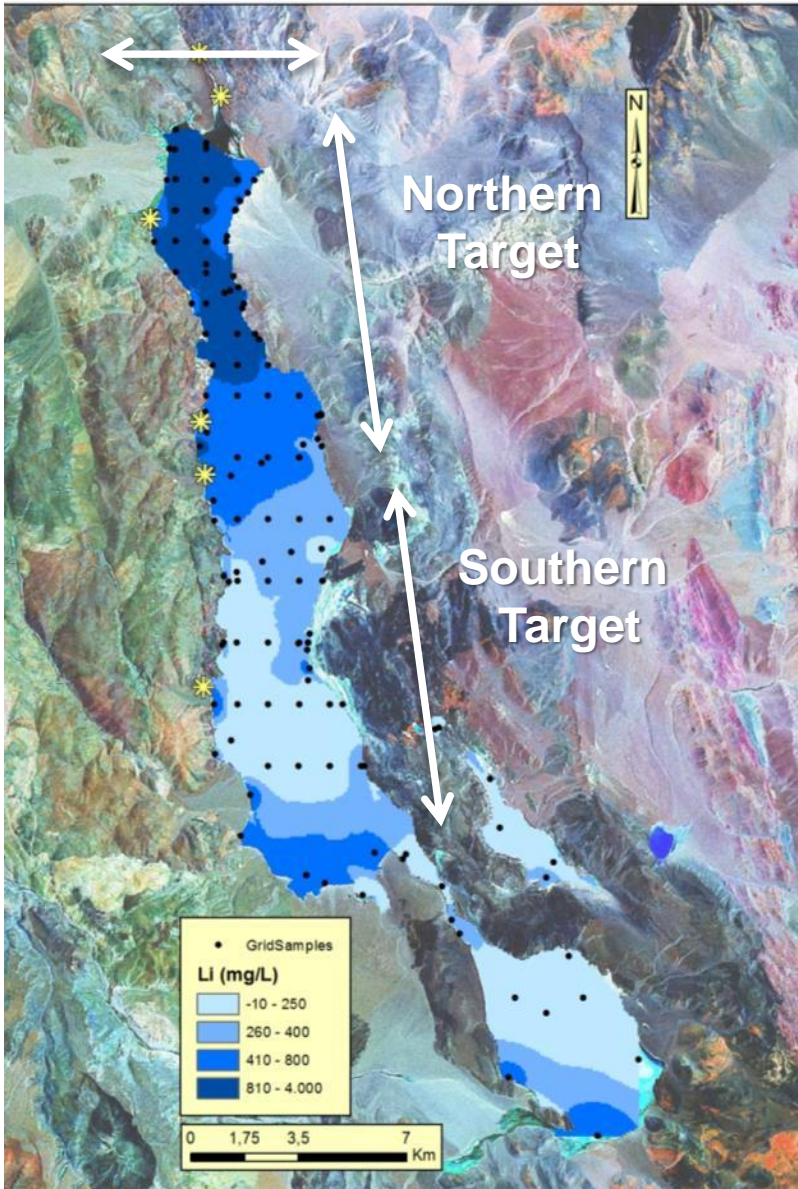


Ponds and Pump Wells

- Ponds and pumps operating full year around

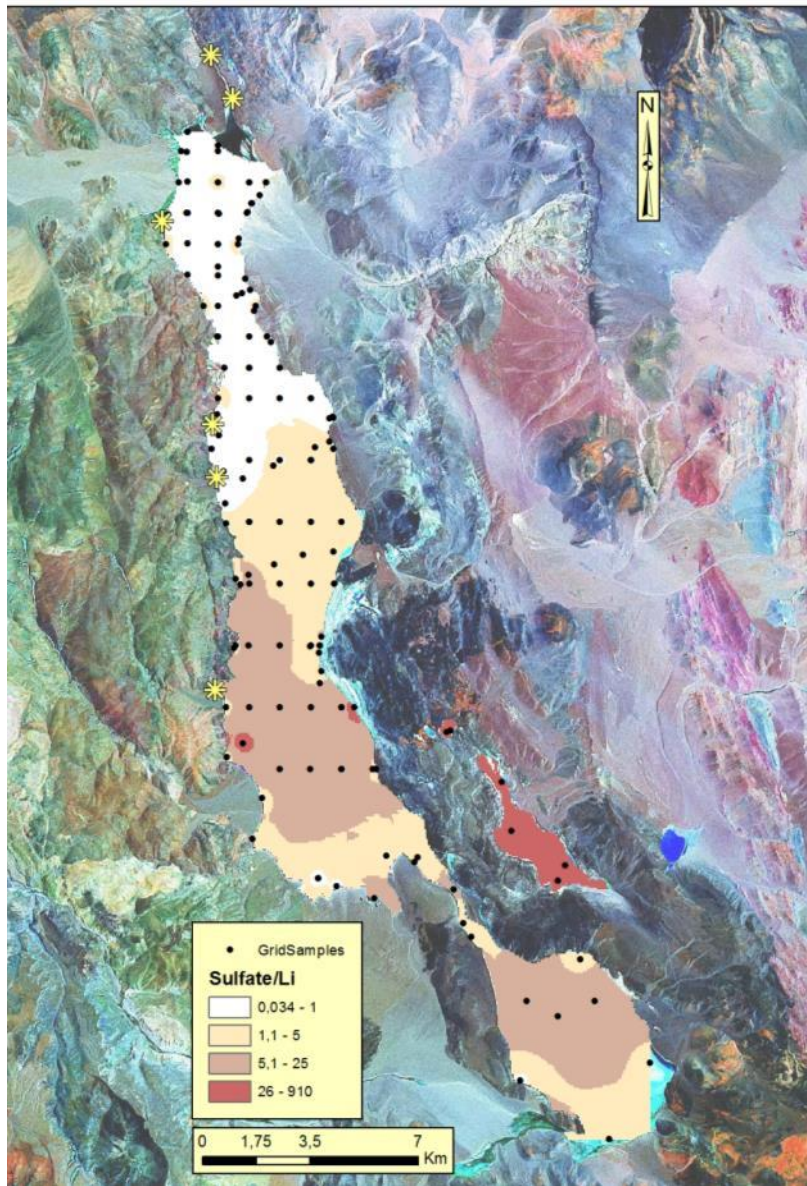
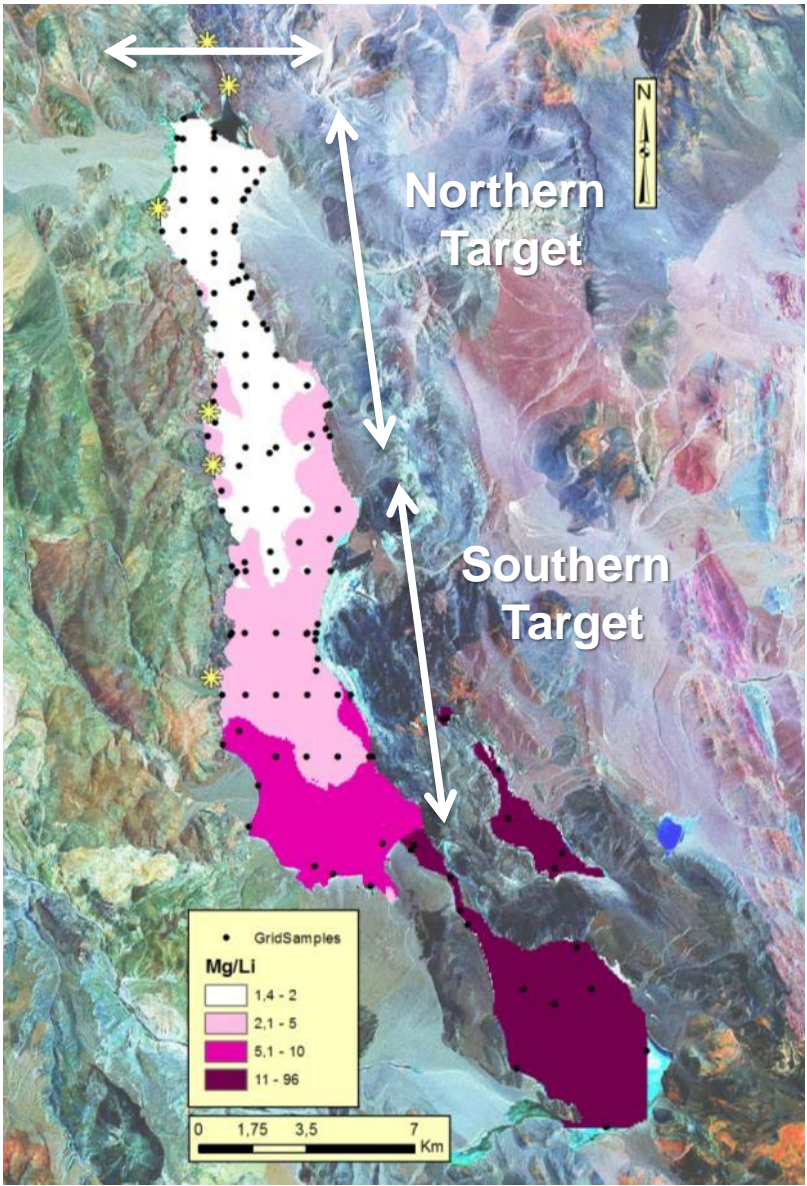


Lithium and Potash Grades in the 3Q Project *



* Based on results obtained on the initial 255 samples collected between January and April 2016; please refer to the 3Q Technical Report for more information.

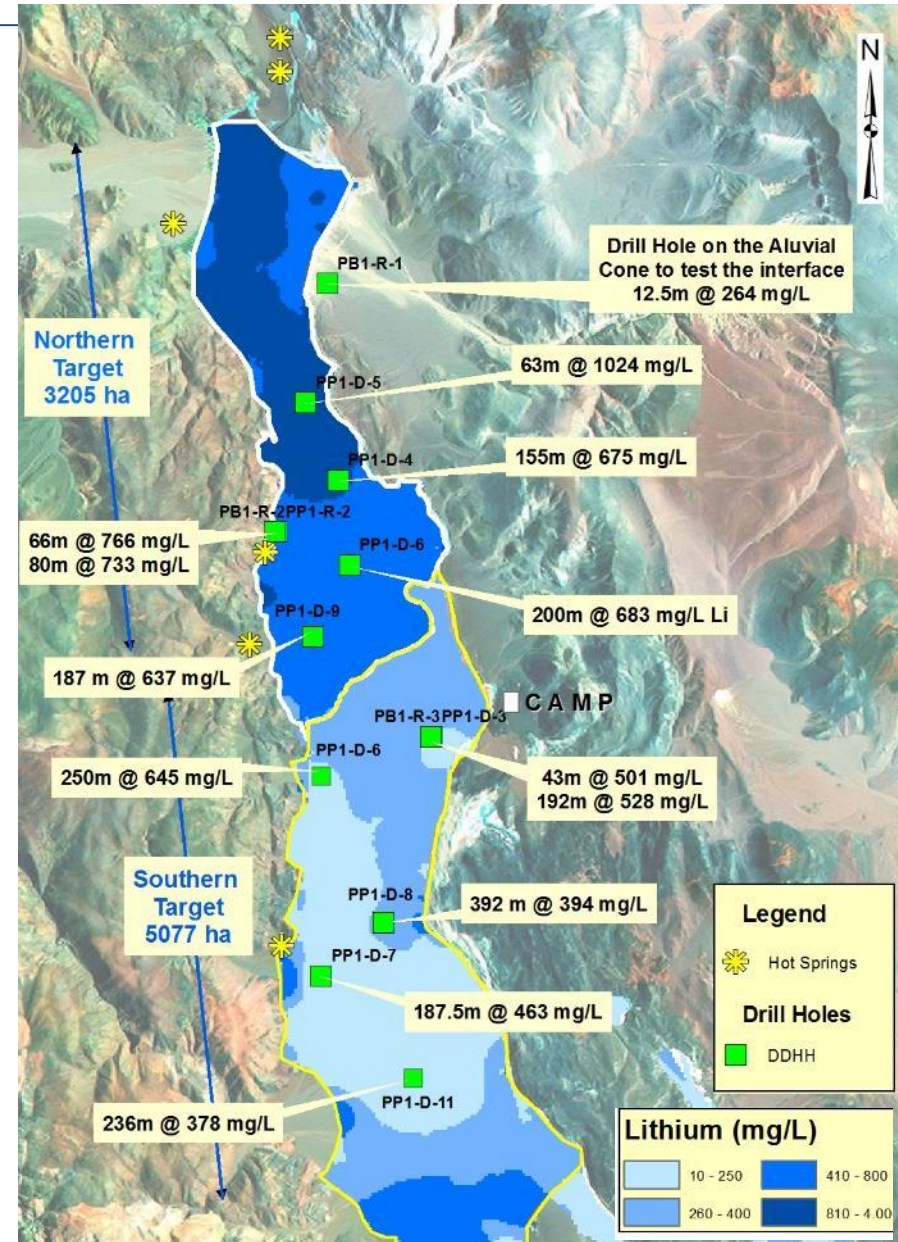
Magnesium and Sulphate Critical Impurities in the 3Q Project*



* Based on results obtained on the initial 255 samples collected between January and April 2016; please refer to the 3Q Technical Report for more information.

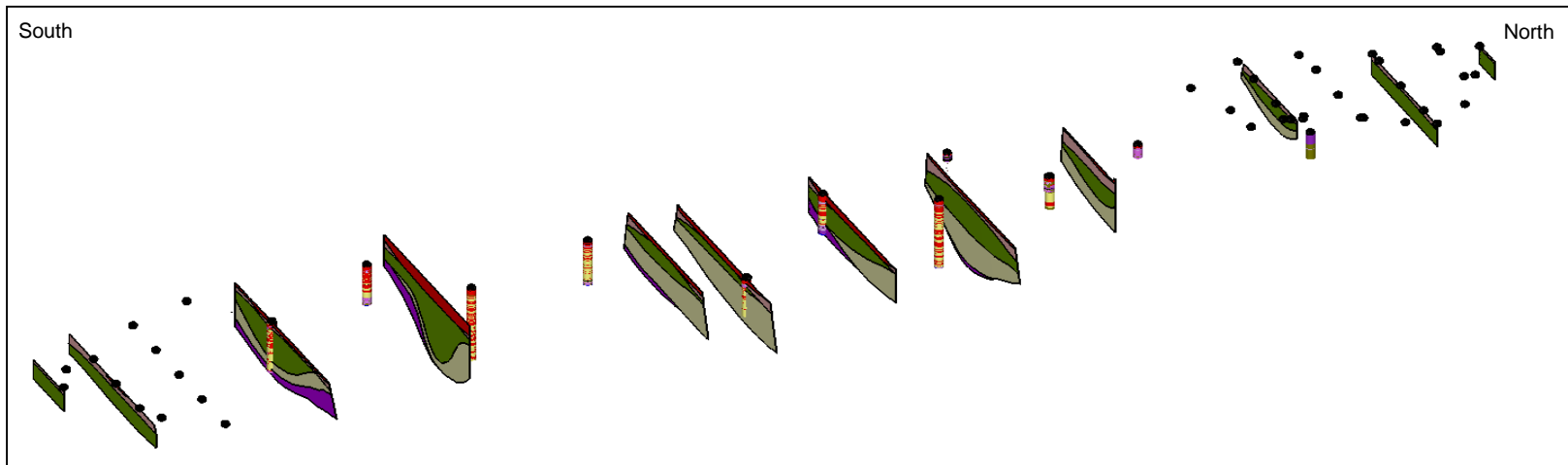
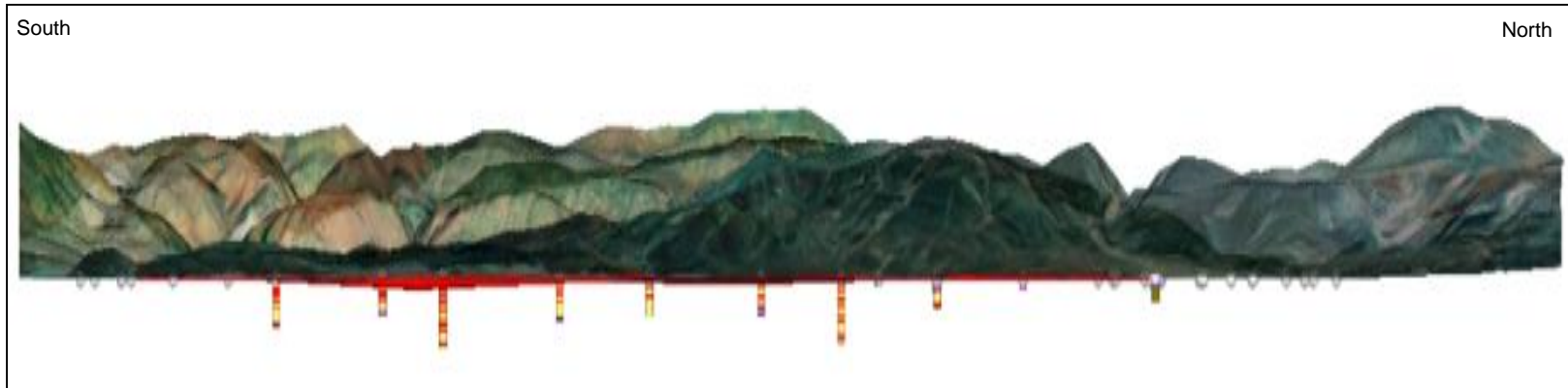
Surface Geochemistry and Drilling

- 10 diamond drill holes (1,960 metres)
- 13 rotary wells (1,177 metres)
- 11 platforms



Geological Reconstruction of the Salar

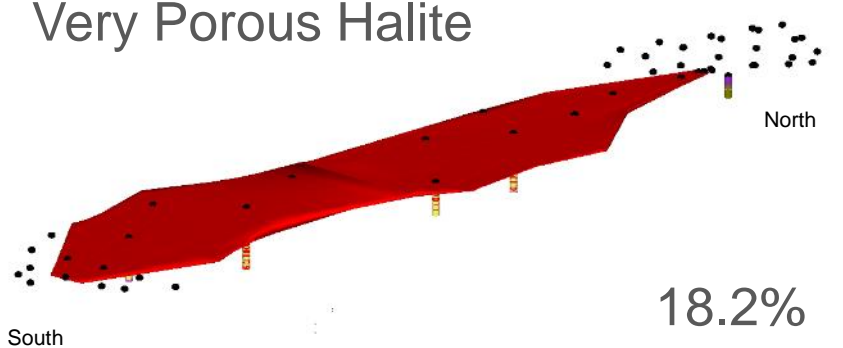
- Drilling and geophysics allow detail reconstruction of the salar at depth



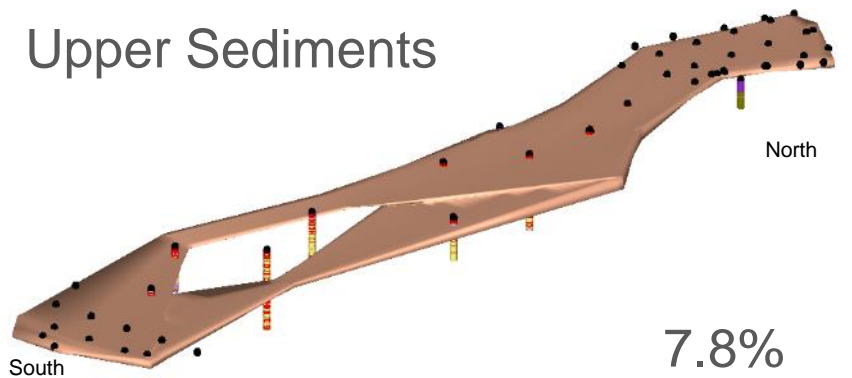
Hidrostratigraphic Model

- The upper units consists of Very Porous Halite and silts and sands (Sediments)
 - Both units are very porous (7.8% to 18.2%)

Very Porous Halite

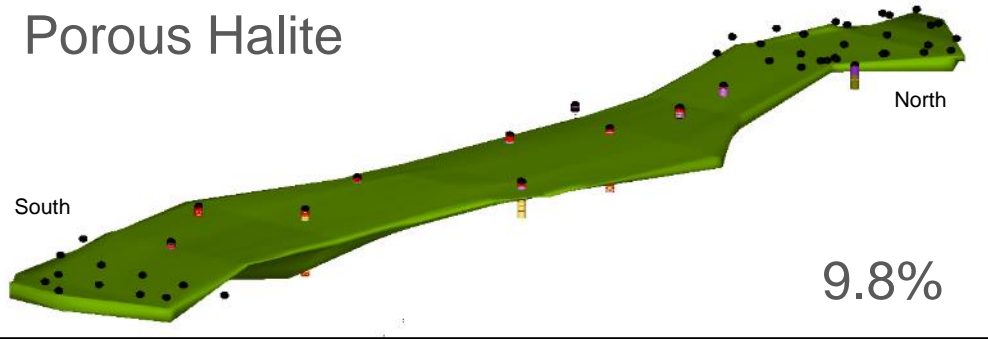


Upper Sediments

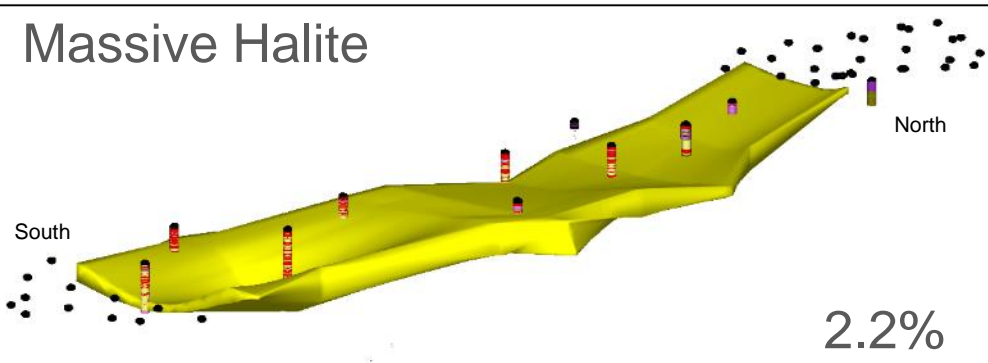


Hidrostratigraphic Model

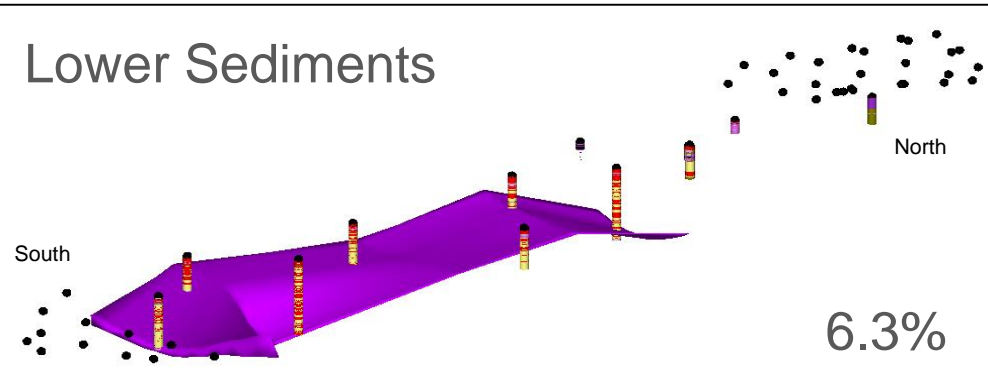
Porous Halite



Massive Halite

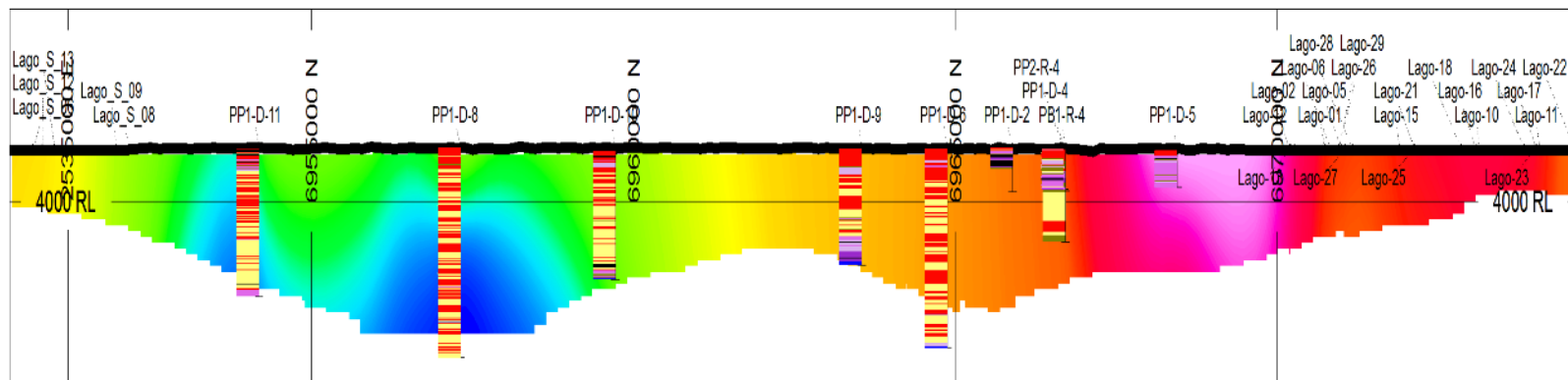
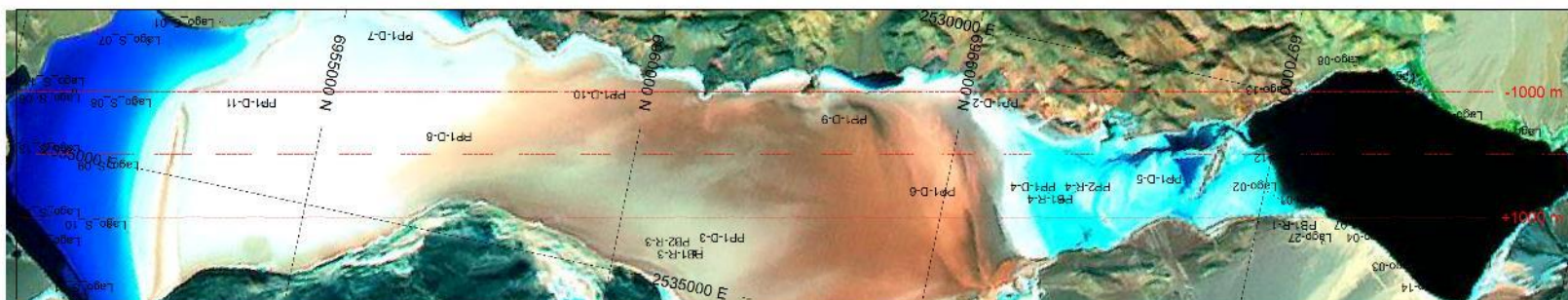


Lower Sediments

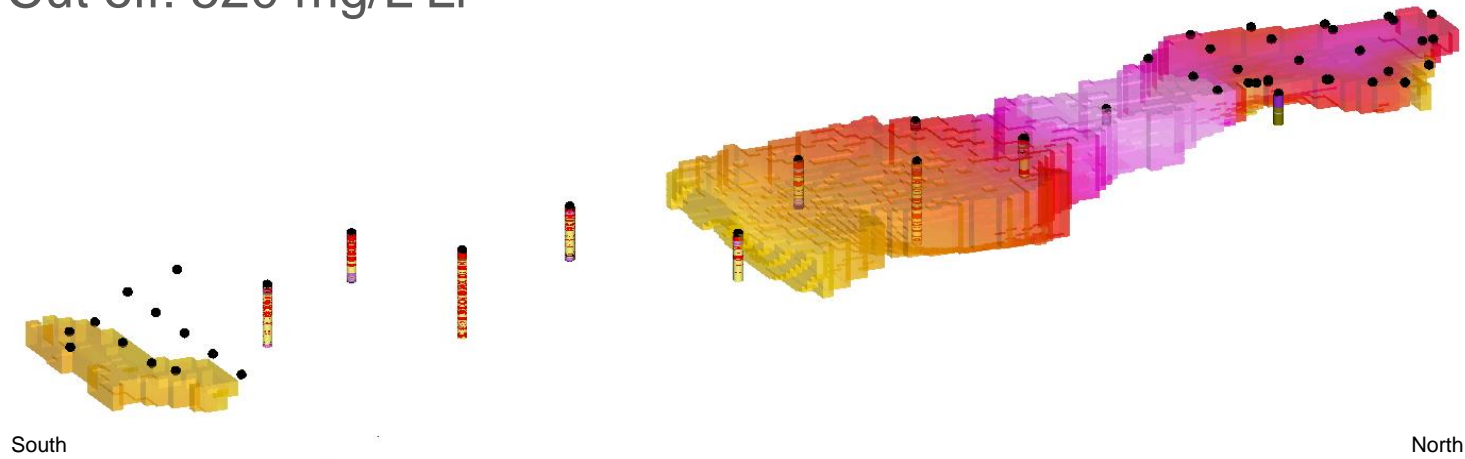


Geochemistry

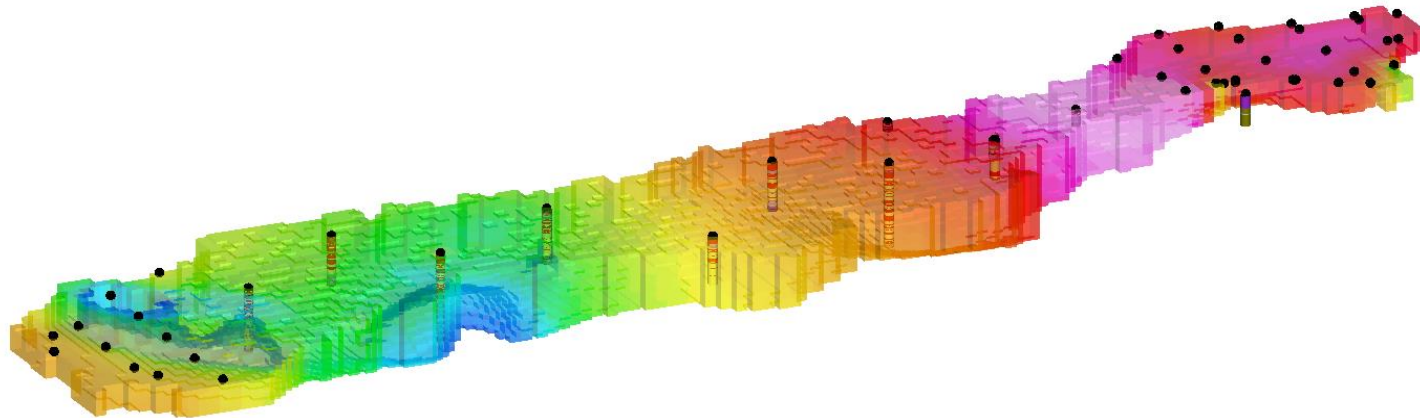
- 152 brine samples collected in diamond drill holes using standard packer technique (both single and double packer)
- Fluorescein dye was used to ensure that the samples were representative of the collection interval
 - Intervals range from 2 to 50 metres, depending on the hole



Cut off: 520 mg/L Li



Cut off: 400 mg/L Li



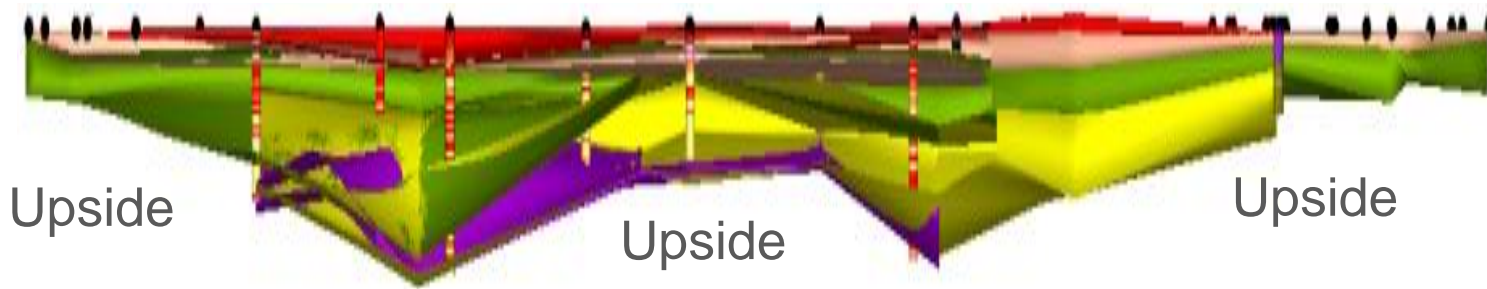
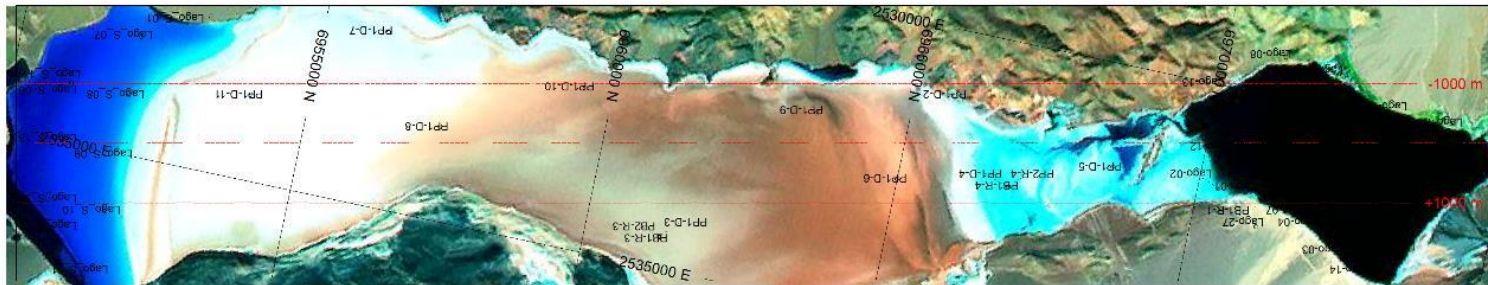
3Q Project Initial Resource Estimation

In only one drilling season Neo Lithium was able to announce its maiden resource estimate for the 3Q Project

	520 mg/L Lithium Cut-off				400 mg/L Lithium Cut-off			
	Avg. Lithium (mg/L)	Li ₂ CO ₃ Equivalent (tonnes)	Avg. Potassium (mg/L)	KCl Equivalent (tonnes)	Avg. Lithium (mg/L)	Li ₂ CO ₃ Equivalent (tonnes)	Avg. Potassium (mg/L)	KCl Equivalent (tonnes)
Measured	792	52,569	7,434	176,764	792	52,569	7,434	176,764
Indicated	710	661,673	6,439	2,149,485	560	1,171,735	5,335	3,997,901
Total M&I	716	714,242	6,506	2,326,249	567	1,224,305	5,400	4,174,666
Inferred	713	1,339,546	6,554	4,413,778	567	2,237,803	5,413	7,765,672

Upside Potential - Tonnage

- The resource model goes down only to the bottom of the holes
 - Only 3 holes touched the basement
- There is high grade lithium bearing brine in the lower aquifer
- Upside potential exists to continue drilling at depth



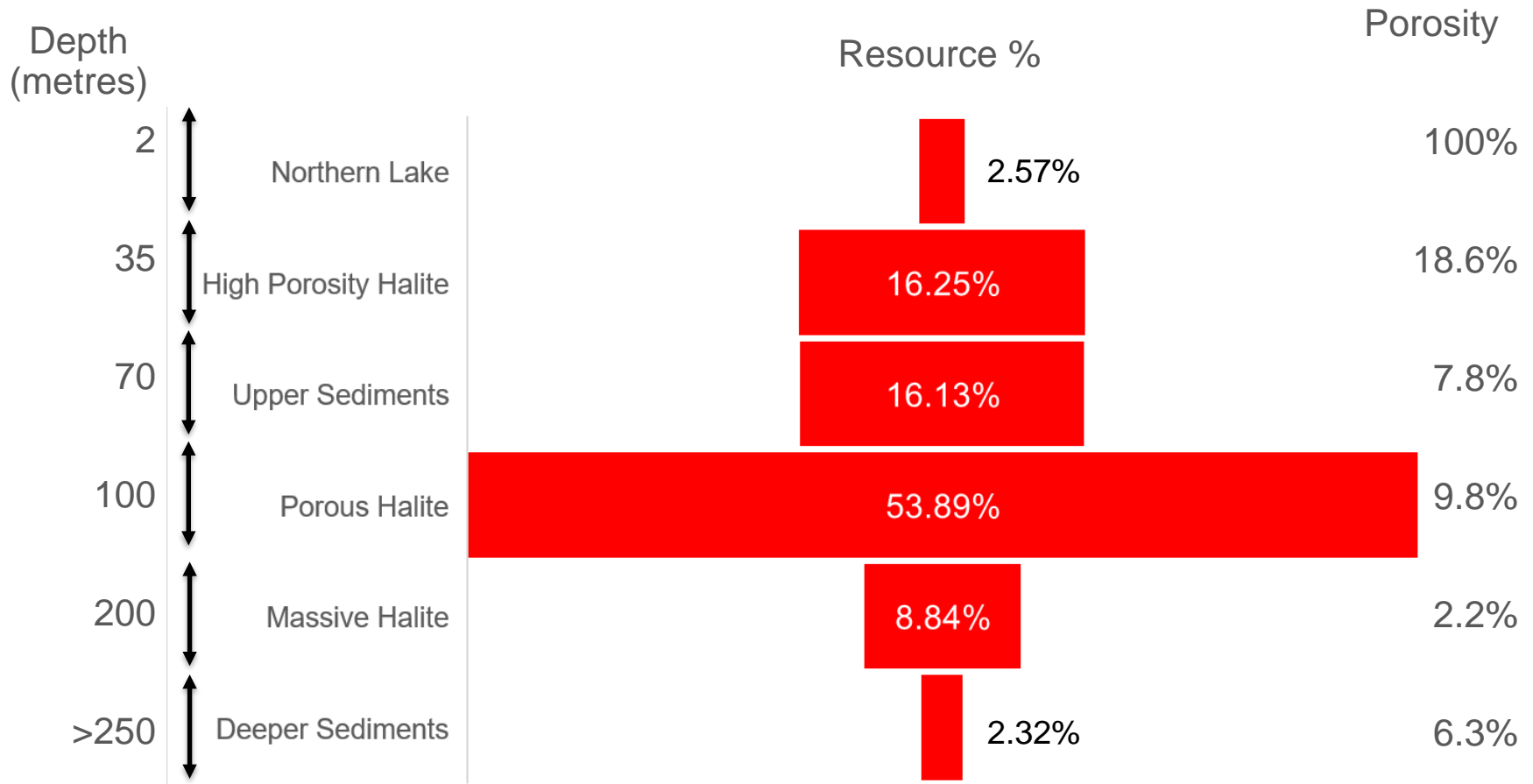
Upside Potential – Porosity

- Pump tests are used to prove the porosity of the aquifers
- The pump tests completed thus far in the Very Porous Halite provided results up to 30% porosity
- However, the resource estimation used an average of 18.2% porosity for the Very Porous Halite, a conservative approach based on core sample lab results
- The Very Porous Halite constitute 16.2% of the resource or 332,000 tones of lithium carbonate equivalent
- Further pump tests will be conducted on the Very Porous Halite to confirm its porosity
- Similar situation with Upper Sediments



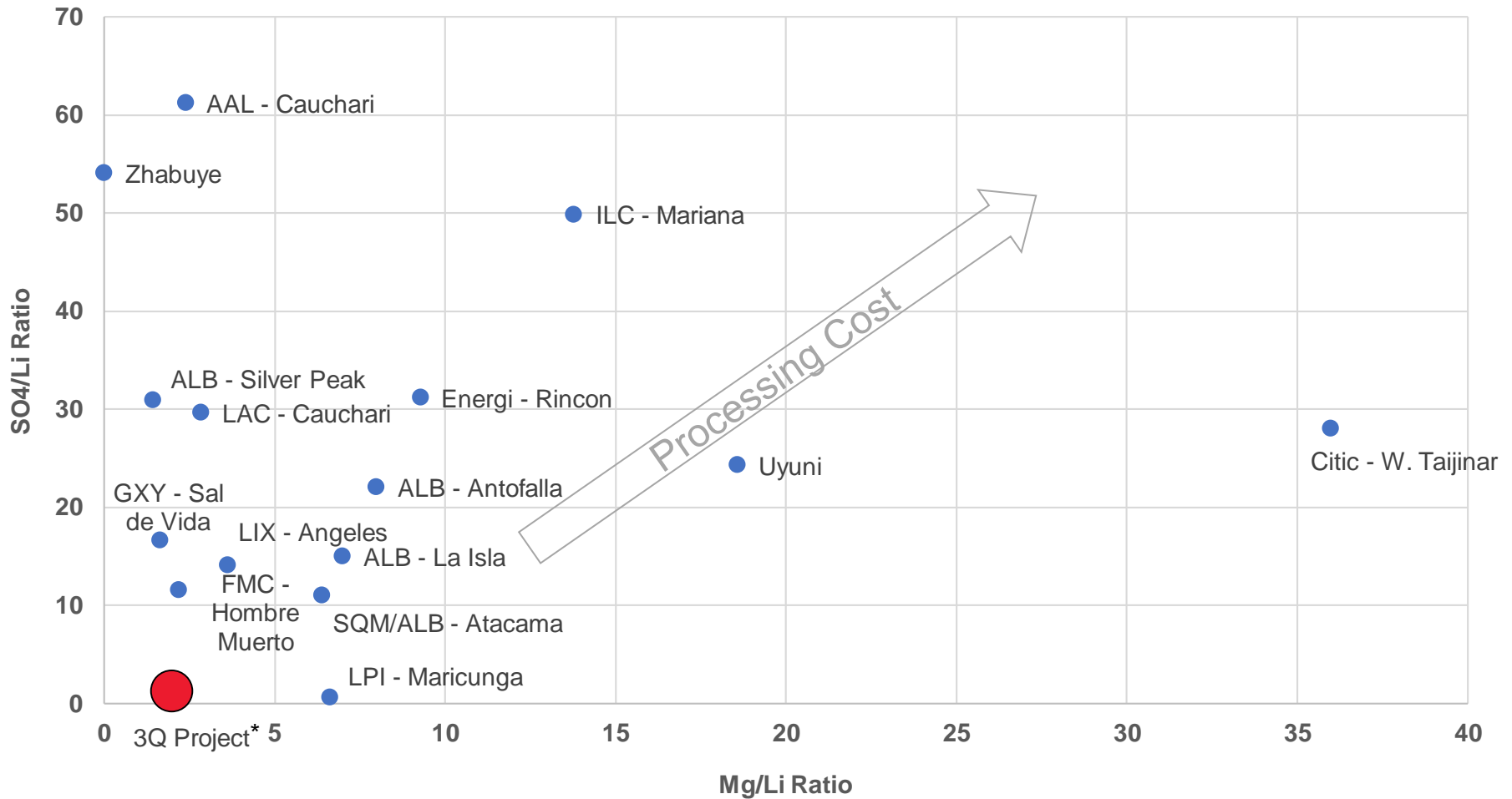
Upside Potential – Summary

- About 90% of the resources defined are less than 100 metres deep
- The deeper sediments have high porosity and provide significant upside potential at depth



Magnesium and Sulphate Impurities – Project Comparison

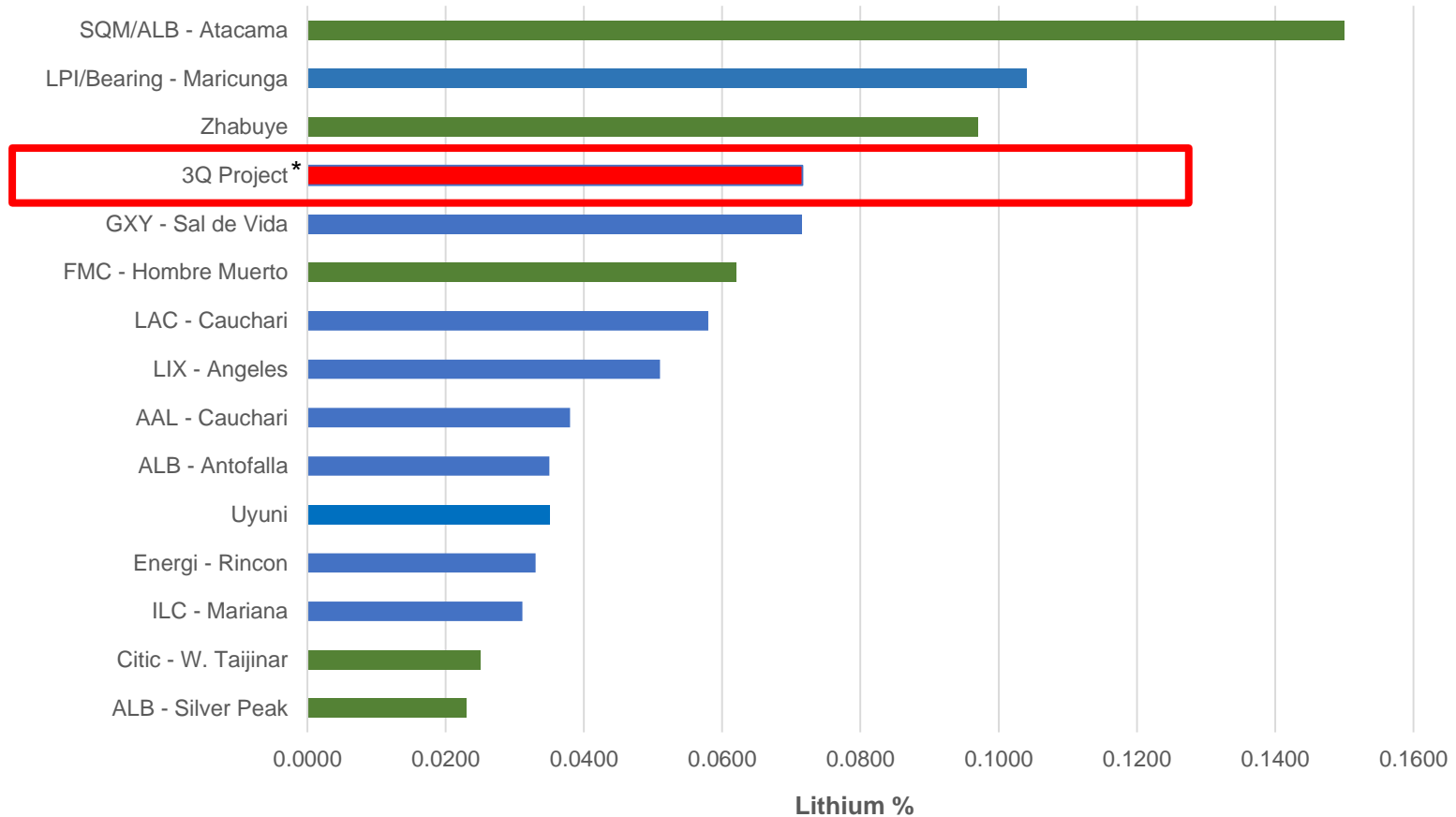
The 3Q Project stands with the lowest combined impurity content of any known salar



* Based on average composition of the Measured and Indicated Resource at 520 mg/L Cut off

Lithium Chemistry – Project Comparison

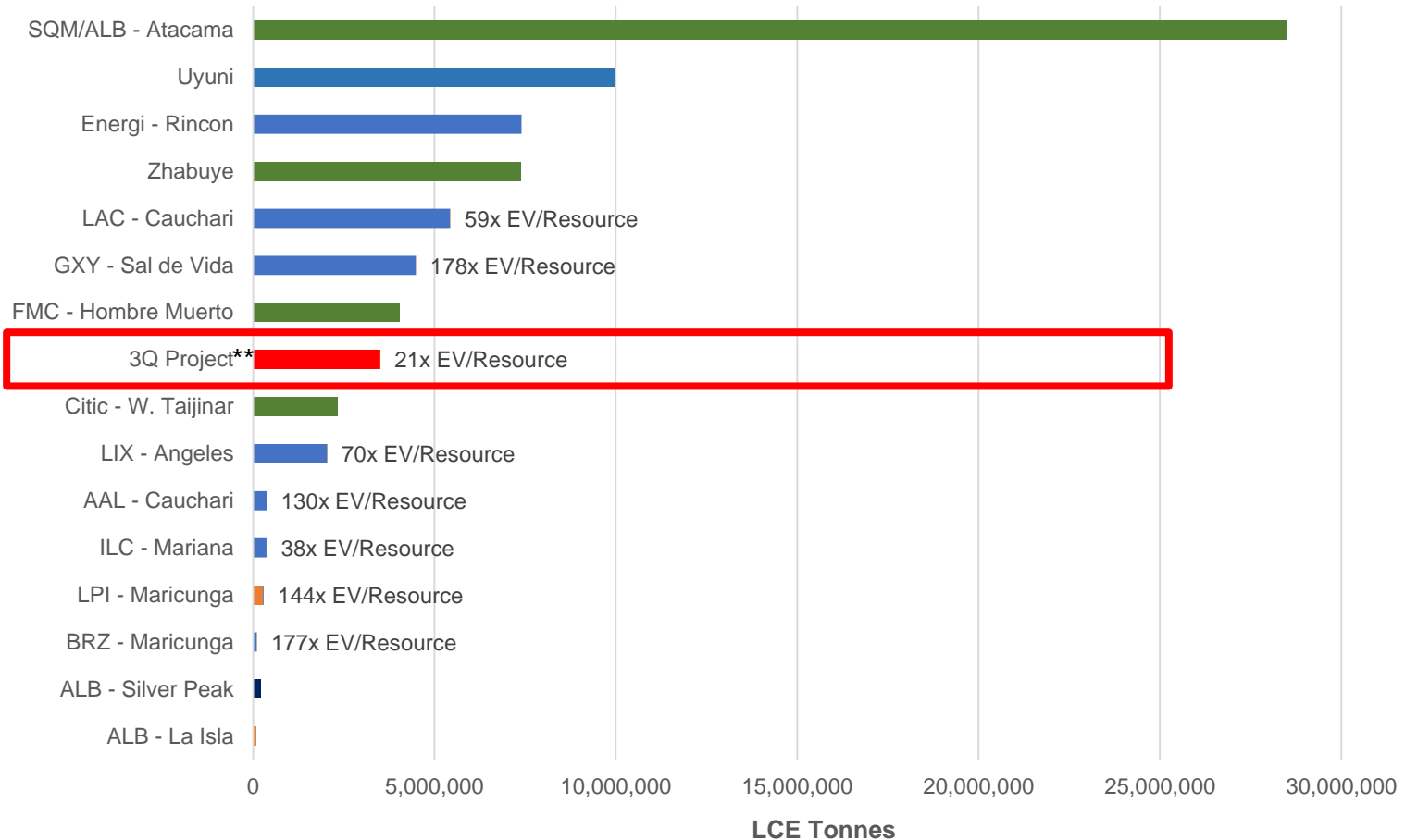
The 3Q Project ranks as one the highest grade lithium project in world



* Based on average composition of the Measured and Indicated Resource at 520 mg/L Cut off

Size – Project Comparison*

The 3Q Project is the 8th largest lithium projects in the world



* Sized based on effective ownership of the resource

** Based 400 mg/L Lithium Cut off; at 520 mg/L Lithium Cut off the EV/Resource ratio is 36x

Gearing Up Towards Preliminary Economic Assessment

- Neo Lithium has built a team of experienced employees and consultants to advance the project to PEA

Full Time Engineers:

- **Hugo Barrientos, Civil Engineer, Project Manager:** Previously Project Manager at Cauchari Project, Argentina and Chief Engineer at SQM Atacama operation in Chile
- **Claudio Suarez, Ph. D, Chemical Engineer, Process Manager:** Previously Process Engineer at Cauchari Project, Argentina and Process Researcher at SQM Atacama operation
- **Marcos Casassola, Chemical Engineer, Ponds Manager:** Previously Pond Manager at Olaroz Project, Argentina

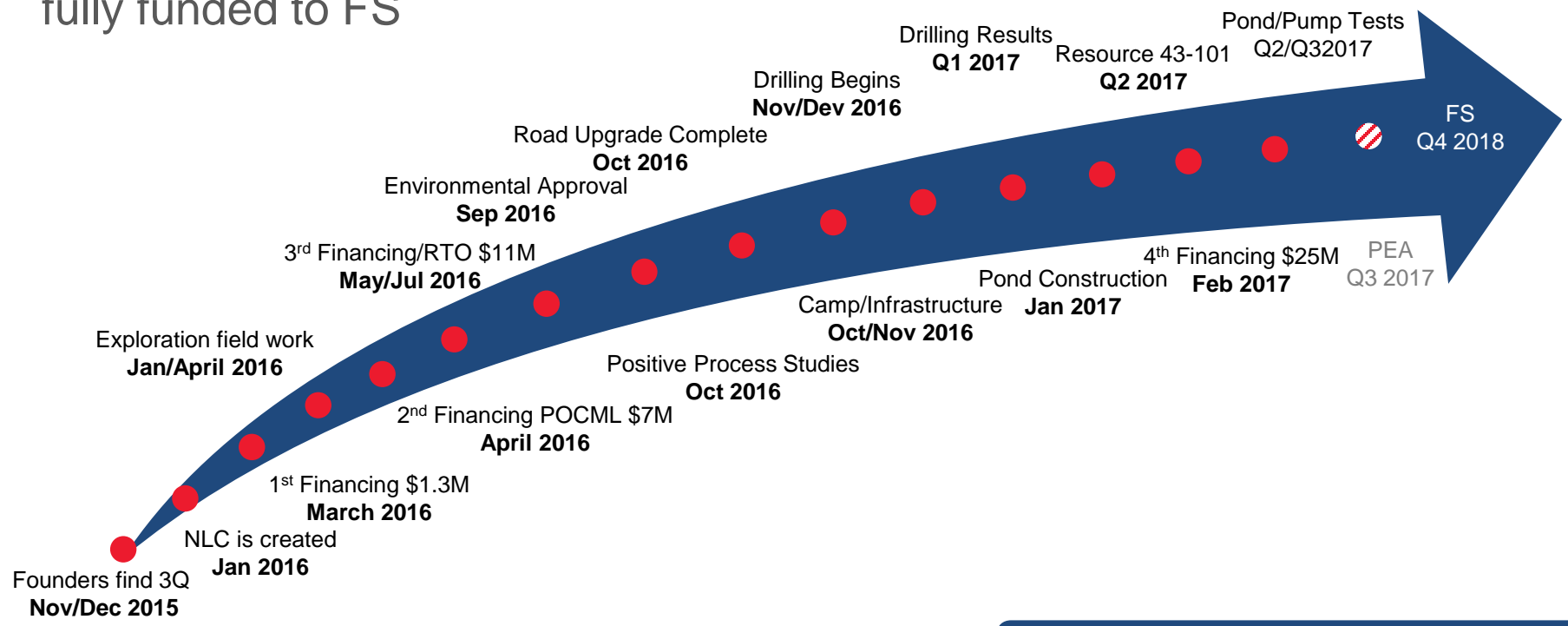
PEA Engineering Company:



- GHD is an Australian Engineering Company with experience in designing and building Lithium Operations
- **Marcela Matus, Chemical Engineer. Project Leader.** Previously Development Engineer at SQM
- **Marcos Bravo, Chemical Engineer. Process Advisor.** Previously Process Manager at Cauchari and Production Manager at SQM

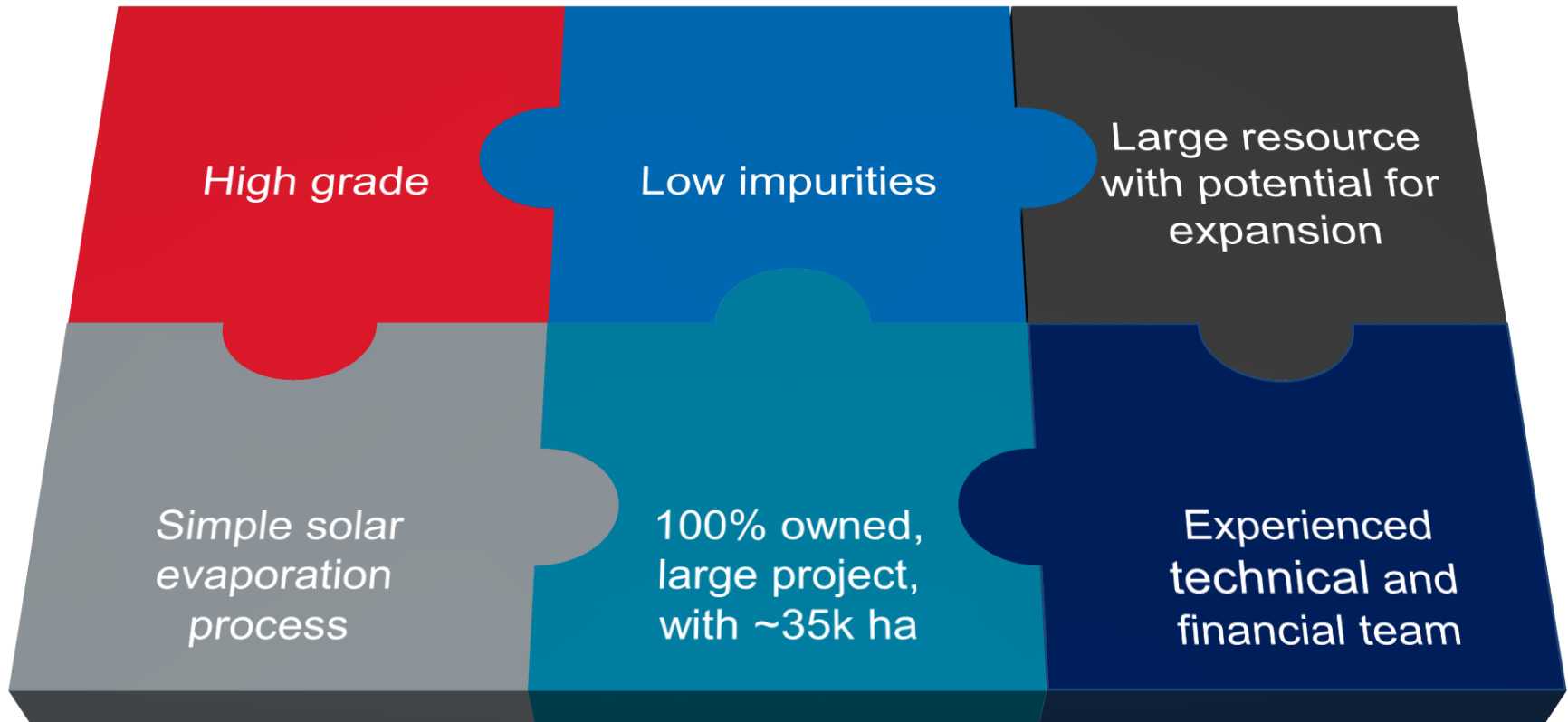
History Timeline – Track Record

- Neo Lithium has been able to achieve numerous key milestones in a short period of time
 - From project discovery to listing on the TSXV in only 7 months
 - Over ~\$45M raised in private and public markets since discovery
- Neo Lithium is one of the few lithium developers that is investing the money raised back into the project and now has an 18 month work plan which is fully funded to FS



Why Neo Lithium?

Neo Lithium has discovered one of the most promising NEW lithium projects in world



- Less than 18 months to resource definition → fast track work
- Fully permitted to construction, on budget and fully financed to full feasibility

Management and Directors

Waldo Perez, Ph.D., P. Geo. – President & CEO

- Dr. Perez has 28 years of academic and industry experience in mineral exploration in South America
- Founder and technical leader of the Cauchari project acquired through Lithium Americas Corp., and its President and CEO from inception until its ultimate definitive feasibility study.
- Previously he served as CEO of Latin American Minerals Inc (LAT), Senior Geologist for Barrick Gold, IAMGOLD, Apex Geoscience and Opawica Exploration.



Carlos Vicens, MBA – CFO

- Over 15 years of experience in financial analysis, corporate development, strategy and investment banking including mergers and acquisitions and corporate finance
- Mr. Vicens previously worked as Vice President in Scotiabank's Investment Banking Mining team and participated in over \$10B of M&A transactions and well over \$5B in equity and debt issuances



Gabriel Pindar – Director

- Mr. Pindar has 22 years' experience as a Project Executive in the development of mining projects and large scale infrastructure (rail and port) in Argentina, Peru, Mexico, Australia, Canada, West Africa and United Kingdom.
- He has sat on numerous boards and steering committees successfully engaging delivery teams for large scale projects.



Constantine Karayannopoulos – Chairman

- Mr. Karayannopoulos is the Non Executive Chairman of Neo Performance Materials Board of Directors. Director of the Canada China Business Council and is a member of the Advisory Board at the University of Toronto's Department of Chemical Engineering and Applied Chemistry. He holds Bachelor and Master of Applied Science degrees in Chemical Engineering from the University of Toronto.
- Previously he served as Chairman and interim President and Chief Executive Officer of Molycorp and President and Chief Executive Officer of Neo Material Technologies. He was Director of Lithium Americas Corp. from 2011 to 2015.



Thomas Pladsen – Director

- Mr. Pladsen has over 20 years experience in the exploration and mining industry.
- Mr. Pladsen is a director of Carrie Arron Resources Inc., EPM Mining Ventures Inc., KWG Resources Inc., Northfield Capital Corporation and White Pine Resources Inc.



Paul Fornazzari, B.Sc. LLM – Director

- Mr. Fornazzari is currently a partner at the law firm Fasken Martineau LLP and has a broad range of corporate, commercial and securities law experience. He was former Chairman of Lithium Americas Corp. Director and Corporate Secretary.
- Paul has a broad experience advising boards, executive teams and investment dealers and acts for domestic and foreign clients in various industries including: mining, petroleum, technology, life sciences and financial services.



3Q Project: The Next Major Lithium Discovery



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