

**SAYONA**  
MINING LIMITED

NOOSA MINING & EXPLORATION  
INVESTOR CONFERENCE

JULY 2019



# PLUGGED INTO AN ELECTRIC FUTURE

BRETT LYNCH  
MANAGING DIRECTOR



## Disclaimer



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SLIDE / 2

ASX:SYA

### Forward Looking Statements

This presentation may contain certain forward-looking statements. Such statements are only predictions, based on certain assumptions and involve known and unknown risks, uncertainties and other factors, many of which are beyond Sayona Limited's control. Actual events or results may differ materially from the events or results expected or implied in any forward-looking statement. The inclusion of such statements should not be regarded as a representation, warranty or prediction with respect to the accuracy of the underlying assumptions or that any forward-looking statements will be or are likely to be fulfilled. Sayona Limited undertakes no obligation to update any forward looking statement to reflect events or circumstances after the date of this presentation (subject to securities exchange disclosure requirements). The information in this presentation does not take into account the objectives, financial situation or particular needs of any person. Nothing contained in this presentation constitutes investment, legal, tax or other advice.

#### This presentation refers to the following previous ASX releases:

- Appointment of new Managing Director/CEO, 1 July 2019
- New EIS launched for Authier Lithium Project, 24 June 2019
- Engineering Firm Appointed For Updated Authier DFS, 28 May 2019
- Quarterly Activities Report, 30 April 2019
- Sayona Expands Tansim Project With New Acquisition, 15 April 2019
- Drilling Boosts Prospects For New Lithium Deposit at Tansim, 9 April 2019
- Step Up of Engagement Following Quebec Regulatory Decision, 6 March 2019
- Acquisition Boosts Holding in World-Class WA Lithium District, 29 January 2019
- Authier Definitive Feasibility Study, 24 September 2018
- Authier Project Expanded JORC Ore Reserves & Resource, 24 September 2018
- Authier Downstream Concept Study Demonstrates Positive Economics, 30 August 2017

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and all material assumptions and technical parameters continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

### Downstream Concept Study

The Concept Study referred to in this announcement has been undertaken to determine the potential viability of downstream processing Authier concentrates into lithium carbonate and/or hydroxide. It is based on a low level technical and economic assessment and was based on the AACE International Recommended Practice No. 18R-97, as a Class-4 estimate. The study has not been used as the basis for the estimation of Ore Reserves. Further technical and economic assessment including metallurgical testing, Feasibility Study and permitting will be required to provide any assurance or certainty of an

The Concept Study is based on the mine and concentrator assumptions (including Ore Reserves) outlined in the February 2017 Authier Pre-Feasibility Study, Authier Updated JORC Resource report (14 June 2017), a report prepared by Wave International on the downstream capital and operating costs, Appendix – Project Design Criteria, and other material assumptions outlined elsewhere in this document. Whilst the Company considers all the material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the outcomes indicated in the Concept Study will be achieved.

To achieve the potential downstream process plant development outcomes indicated in this Concept Study, additional funding will be required. Funding will be required to complete metallurgical testing (\$100,000), feasibility studies and permitting (approximately \$1,000,000) and development (approximately \$223 to \$240 million, depending on whether it is a lithium carbonate or lithium hydroxide plant). Investors should note that there is no certainty that the Company will be able to raise the funding when needed. It is also possible that such funding may only be available at terms that may be too dilutive or to otherwise affect the value of Sayona shares. It is also possible that Sayona could pursue other value realisation strategies, such as the sale, partial sale or joint venture of the project. If it does, this could materially reduce Sayona's proportionate ownership of the project. Given the uncertainties involved, investors should not make any investment decisions based solely on the results of the Concept Study.

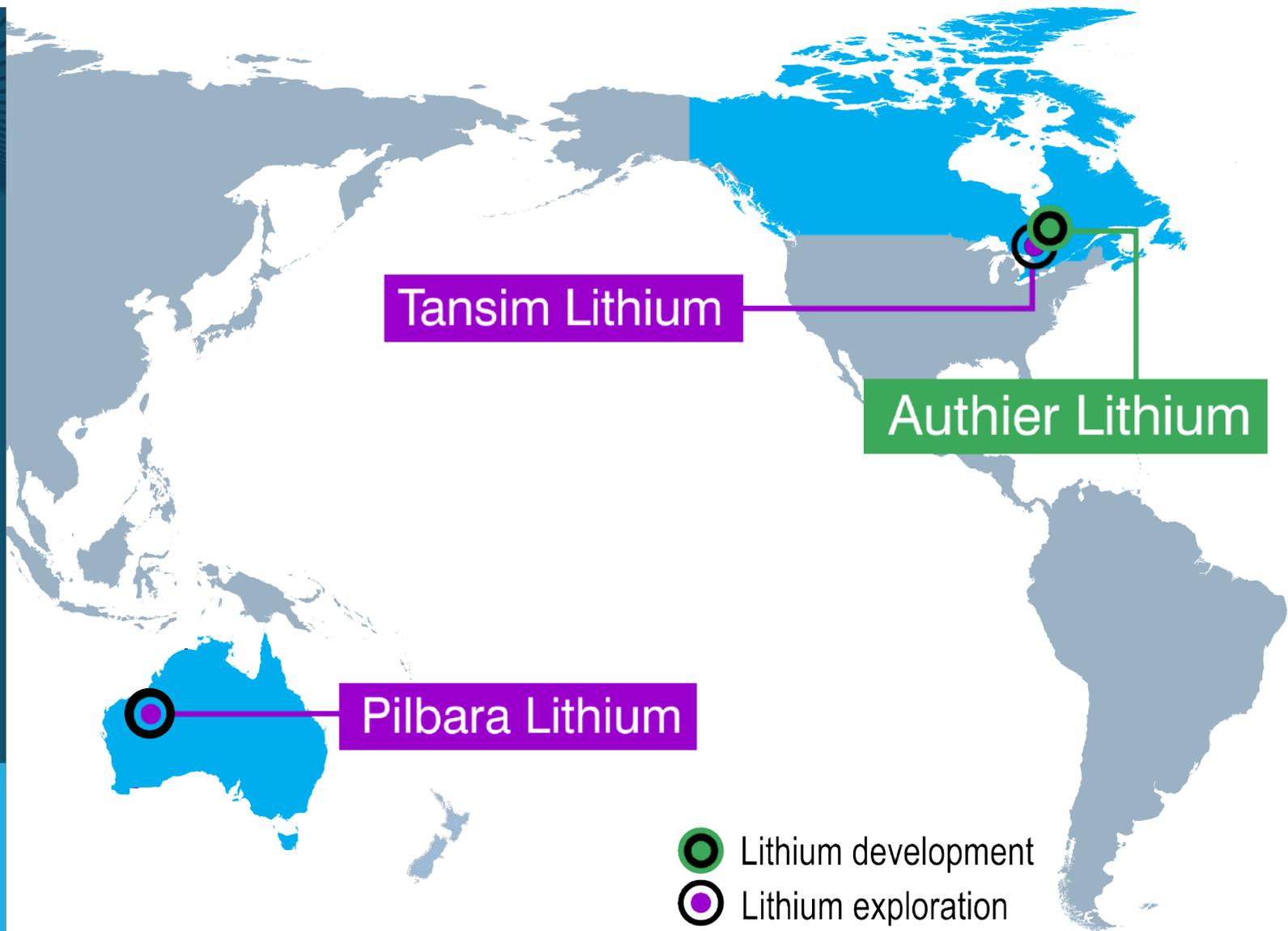
The Company has concluded it has reasonable basis for providing forward looking statements included in this announcement and believes it has a reasonable basis to expect it will be able to continue funding the feasibility activities for the Project.

## Company Profile

Significant portfolio of lithium exploration properties in Australia and Canada.



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Tansim Lithium

Authier Lithium

Pilbara Lithium

-  Lithium development
-  Lithium exploration

## Company Profile

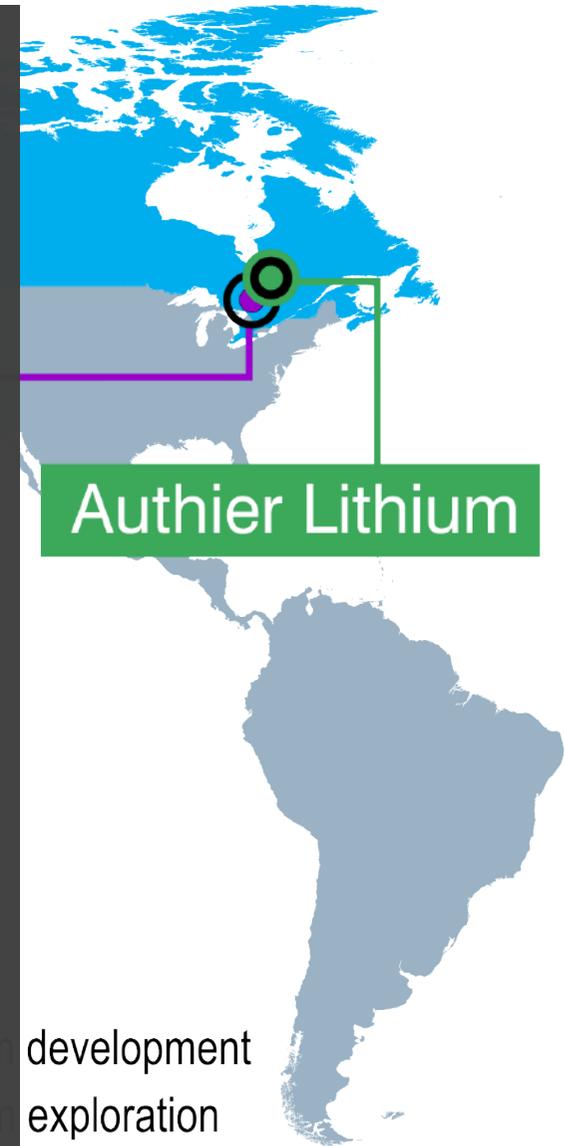
Significant portfolio of lithium exploration properties in Australia and Canada.



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The company's flagship Authier Lithium Project in Québec is advancing towards development as a sustainable and profitable new mine and concentrator in a lithium processing hub.





- Sayona's experienced Board and management team have a track record of successfully financing, developing and managing major resource projects around the globe for over 40 years
- Several of the Sayona board members are also on the board of Altura Mining (ASX:AJM) and recently led the financing, construction and commissioning of Altura's Pilgangoora mine in WA
- Sayona Québec is led by experienced engineers with international backgrounds, having strong connections to local stakeholders and a commitment to the province.

## New leadership

New leadership team driving project development and community engagement.



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**Brett Lynch**  
MANAGING DIRECTOR

- Senior mining engineer, international company director and CEO with proven track record
- More than 30 years' experience in the global mining industry, including North America and Asia-Pacific
- Previous posts include at leading resource companies such as New Hope Corporation and Orica

**Guy Laliberté**  
CEO, SAYONA QUÉBEC

- Appointed to lead community engagement in Québec
- Experienced project director and construction manager in mining & heavy industry
- Québec native with more than 35 years' international experience





**Allan Buckler**  
NON-EXECUTIVE DIRECTOR

- 40 years' experience building mining operations in Australia and Indonesia
- Former Director and Chief Operations Officer for New Hope Corporation
- Director of Altura Mining

**James Brown**  
NON-EXECUTIVE DIRECTOR

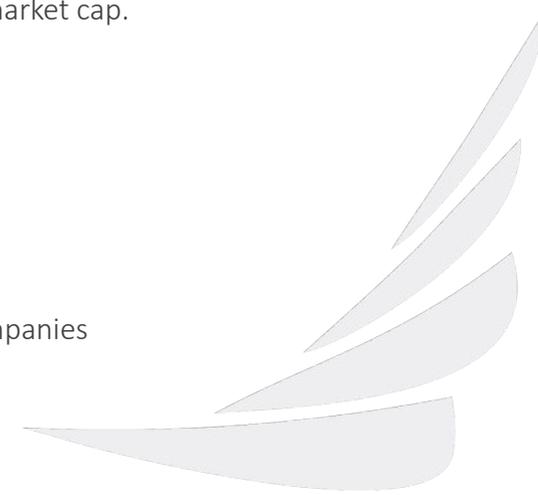
- 35 years' experience including 22 years with New Hope Corporation
- Extensive mine development & operational experience
- Managing Director of Altura Mining - approx. \$298M market cap.

**Dan O'Neill**  
NON-EXECUTIVE DIRECTOR

- Geologist with 40 years' experience in technical and corporate roles
- Founding director of Orocobre Ltd – approx. \$806M market cap.
- Director of Altura Mining

**Paul Crawford**  
EXECUTIVE DIRECTOR/  
COMPANY SECRETARY

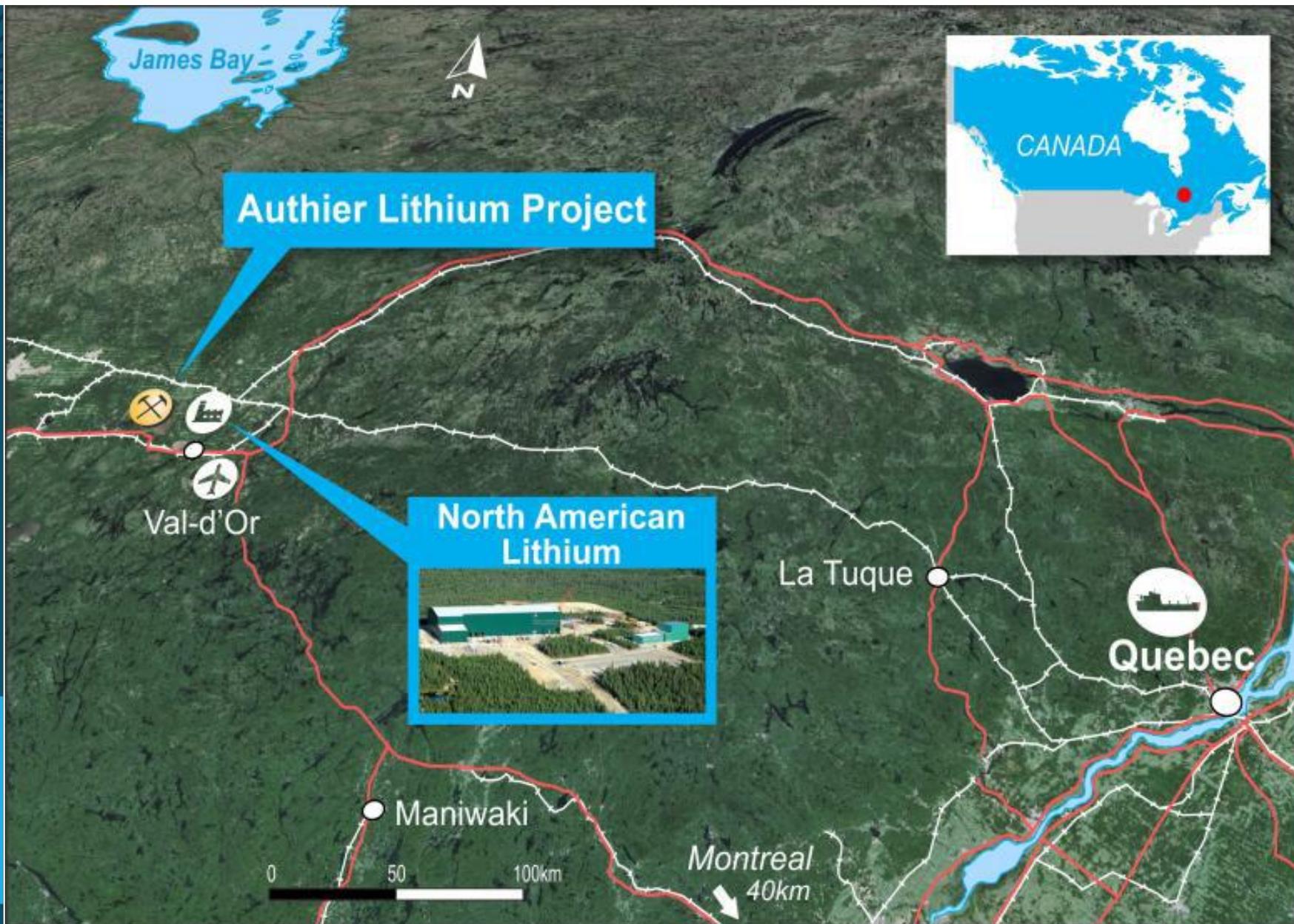
- CPA with 40 years' public company experience
- Founding director of Orocobre Ltd
- Former Company Secretary for a number of listed companies



**Authier Lithium Project**

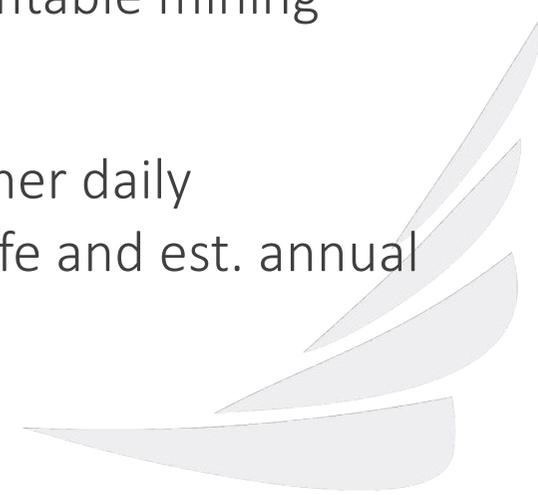


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- Located 45km from Val d'Or in Québec, Canada
- Well understood deposit in established mining district
- 100% owned
- Definitive Feasibility Study (DFS) completed Sept 2018 showing potential for sustainable and profitable mining operation
- DFS now undergoing review based on higher daily production limit of 2,600t, 14 year mine life and est. annual spodumene output of 115,000t (6% Li<sub>2</sub>O)



**Authier JORC ore reserve and resource.**

Majority of Ore Reserve hosted in one large pegmatite – 1.1km long, 200m deep and 35m wide – outcropping from surface



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## JORC ORE RESERVE

(0.55% cut-off)

### PROVEN

TONNES

**6.1 Mt**

GRADES (Li<sub>2</sub>O)

**0.99%**

CONTAINED (Li<sub>2</sub>O)

**60,390**

### PROBABLE

TONNES

**6.0 Mt**

GRADES (Li<sub>2</sub>O)

**1.02%**

CONTAINED (Li<sub>2</sub>O)

**61,200**

### TOTAL

TONNES

**12.1 Mt**

GRADES (Li<sub>2</sub>O)

**1.00%**

CONTAINED (Li<sub>2</sub>O)

**121,590**

**Authier JORC ore  
reserve and  
resource.**

Deposit well understood  
31,000m of drilling in 176  
holes.



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## JORC MINERAL RESOURCE

(0.55% cut-off)

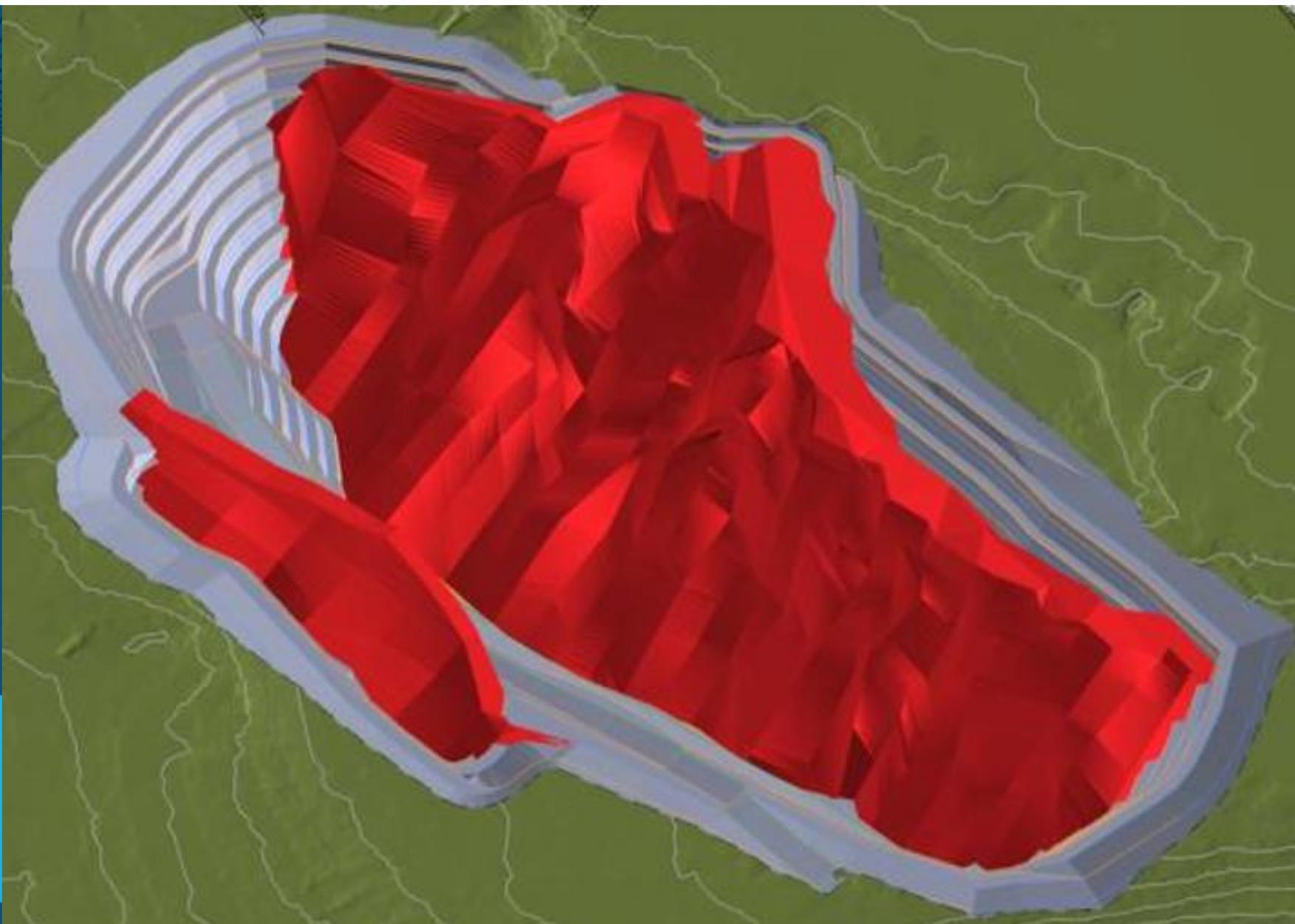
MEASURED	TONNES	GRADES (Li <sub>2</sub> O)	CONTAINED (Li <sub>2</sub> O)
	<b>6.58 Mt</b>	<b>1.02%</b>	<b>67,100</b>
INDICATED	TONNES	GRADES (Li <sub>2</sub> O)	CONTAINED (Li <sub>2</sub> O)
	<b>10.6 Mt</b>	<b>1.01%</b>	<b>107,100</b>
INFERRED	TONNES	GRADES (Li <sub>2</sub> O)	CONTAINED (Li <sub>2</sub> O)
	<b>3.76 Mt</b>	<b>0.98%</b>	<b>36,800</b>
TOTAL	TONNES	GRADES (Li <sub>2</sub> O)	CONTAINED (Li <sub>2</sub> O)
	<b>20.94</b>	<b>1.01%</b>	<b>211,000</b>

### Mining operation

- Simple mining method
- Competitive mining costs
- Low capex
- Large, thick, tabular body
- World-class infrastructure



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## BAPE process



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- BAPE permitting process underway for Authier project, including new EIS and community consultation
- Process expected to take approximately 13-18 months, with government decision expected by late 2020
- Pending regulatory approval, construction process likely to commence in 2021 and mining operations in 2022
- Project to generate new jobs and investment for local community while supporting Québec's lithium strategy





- Capitalises on the premium price paid for value-added products
- Standard sulphate process route to produce 13kt/yr LCE – LiCO<sub>3</sub>/LiOH
- Concept study completed Aug 2017; Pre-Feasibility Study pending
- Strategically located close to US battery markets
- Leverages low-cost energy and world-class infrastructure in Québec
- Significantly enhances project NPV



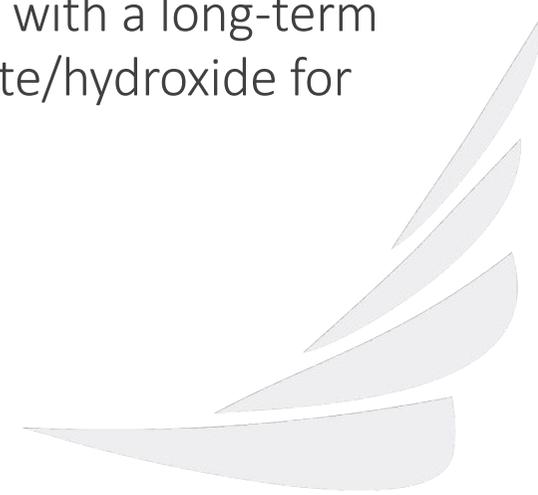
Québec lithium  
strategy



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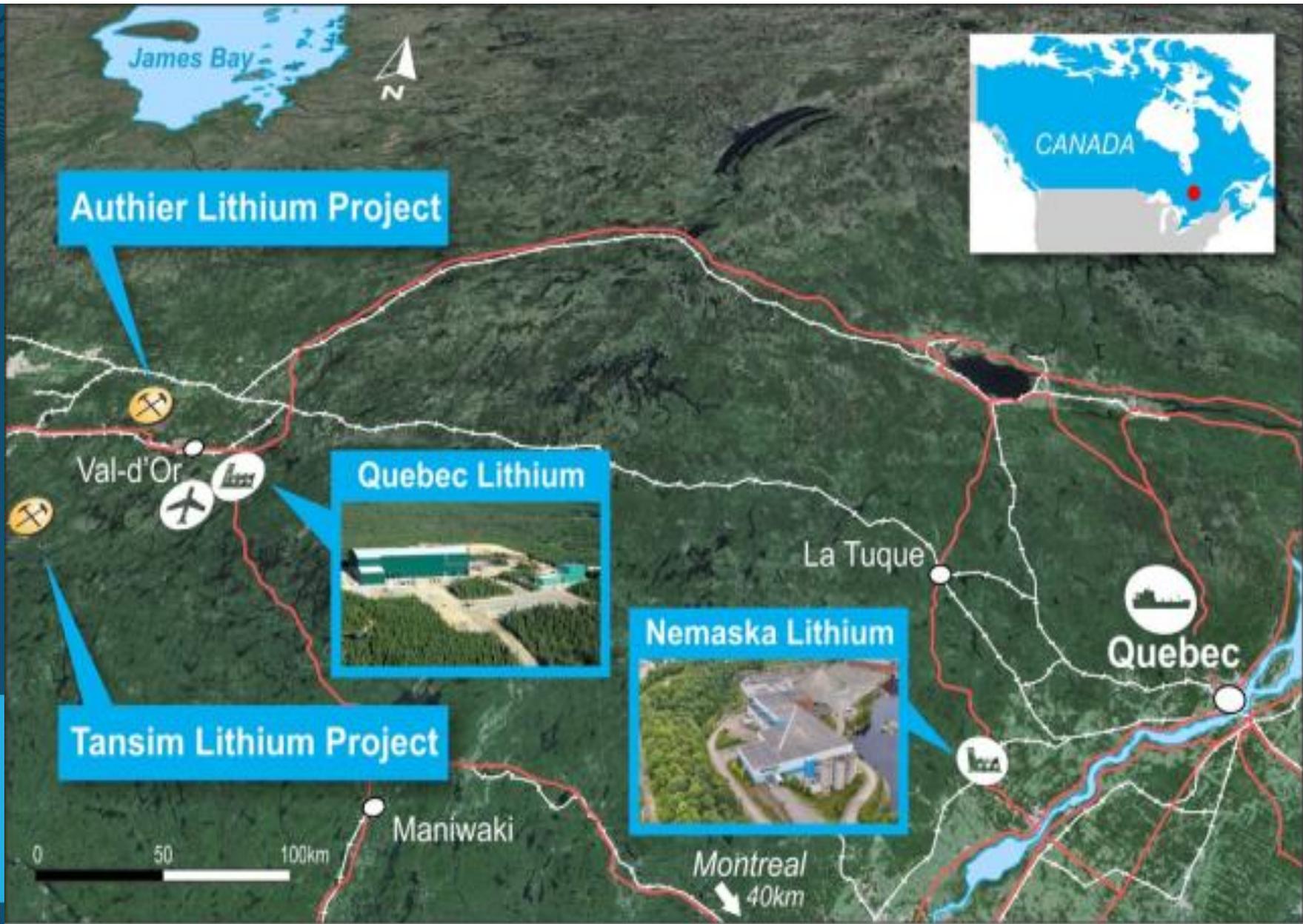
- Québec aims to develop a complete lithium value chain, including downstream processing
- Proximity to established markets in North America eg. Tesla gigafactories, with benefit of clean and green hydropower in Québec, access to established infrastructure and skilled labour
- Sayona's projects complement Québec's plan, with a long-term company strategy to produce lithium carbonate/hydroxide for battery manufacturing in Québec.



Tansim Project



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- Located 82km south-west of Authier
- Drilling results (10 April 2019) show potential for new lithium project, incl. 12.3m @ 1.29% Li<sub>2</sub>O
- System open in all directions
- Project expanded with Lac Simard acquisition from private explorer Exiro (15 April 2019)

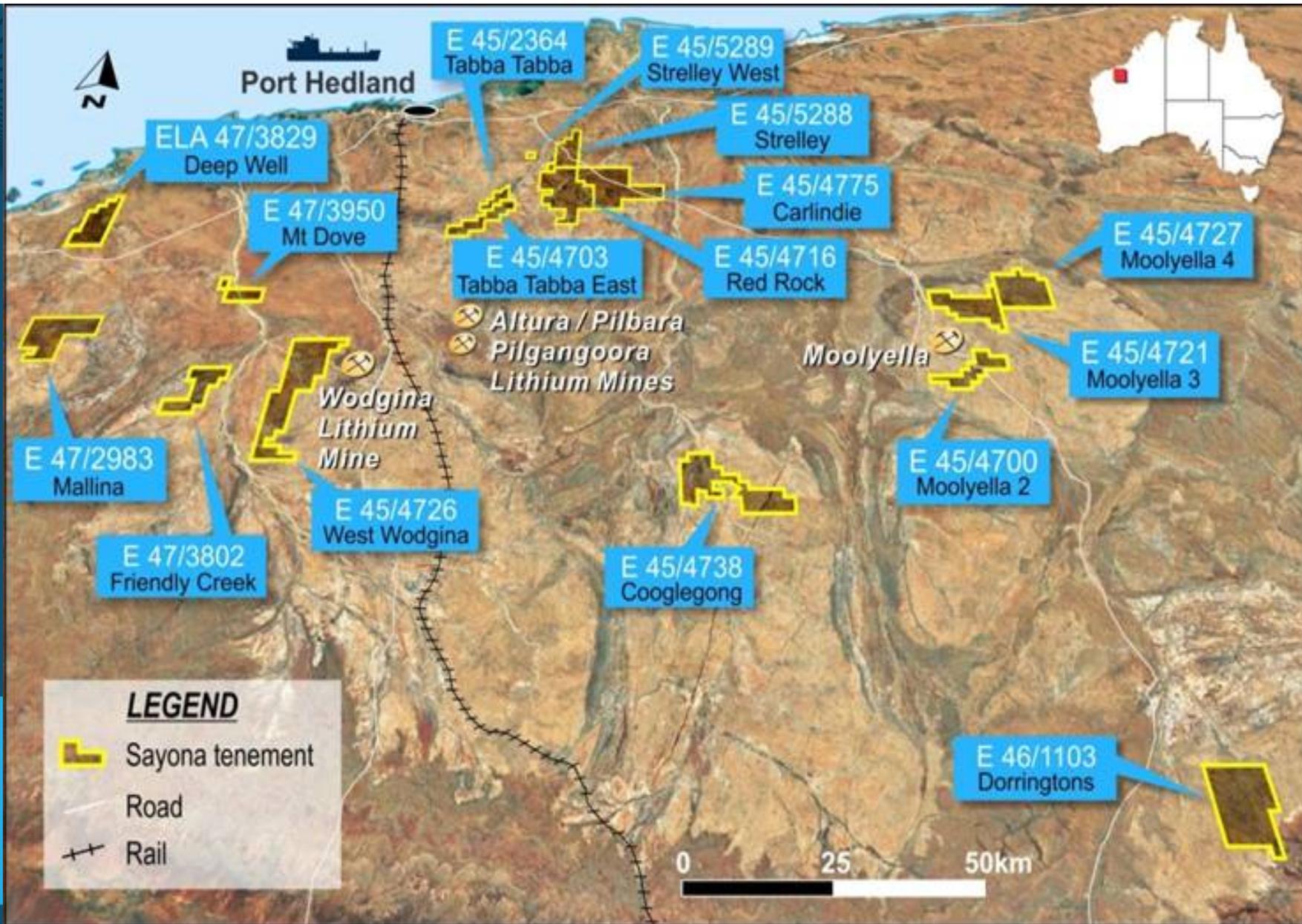


Western Australian lithium portfolio

- 1806 sq km tenement package in world-class lithium province



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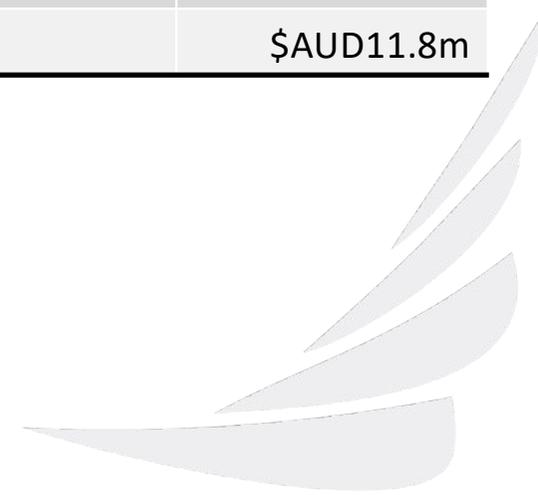


## Share Structure

Trading Exchange	ASX:SYA/SYAOB
Shares	1,722,574,344
Options	120,242,789 7.8c exercise, expiry 30/4/20
Shareholders	17% Directors 41% Top 20

## Capitalisation

Price as at 12 July 2019	0.008c
Market Cap	\$AUD13.8m
Cash as at 30 June 2019	\$AUD2.0m
Debt	Nil
Enterprise Value	\$AUD11.8m



Sayona  
investment  
proposition



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Authier is an advanced project on track for development; nearby Tansim showing early promise as emerging project.



Located in a first world country with access to world-class, low-cost infrastructure.



Profitable and sustainable project based on 2018 DFS.



Opportunity to value-add Authier concentrates; growing US and global demand for lithium amid battery revolution for cars & energy.



Board and management team have track record of delivering projects around the world, including lithium.



## Contacts



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