

*Sourcing the
raw materials
of the future*

ASX: SYA

Disclaimer

COMPETENT PERSON STATEMENTS

Authier - The information in this report that relates to Exploration Results is based on information compiled by Dr Gustavo Delendatti, a member of the Australian Institute of Geoscientists. Dr Delendatti is an independent consultant, and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which it is undertaking to qualify as a Competent Person as defined in the JORC Code (2012 Edition) of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves." Dr Delendatti was responsible for the review and audit of the historical exploration activities, supervised the preparation of the technical information in this release and has relevant experience and competence of the subject matter. Dr Delendatti, as competent person for this announcement, has consented to the inclusion of the information in the form and context in which it appears herein.

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.

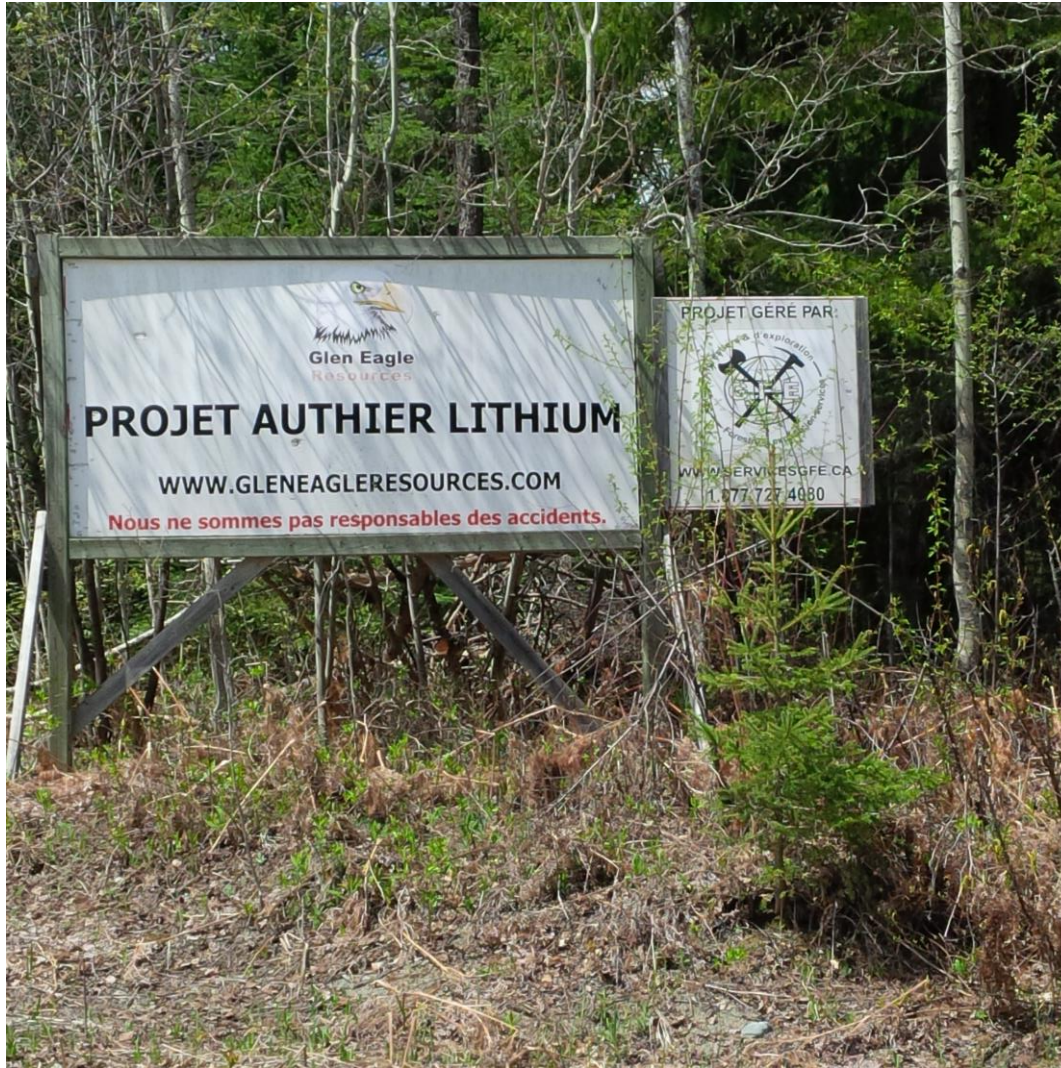
Reference to Previous ASX Releases

This presentation refers to the following previous ASX releases:

- "Proposal to Acquire Advanced Lithium Project in Canada", 3 May 2016
- "Authier Term Sheet Extension", 24 June 2016
- "Authier JORC Resource", 7 July 2016

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.

Proposed Authier Lithium Project Acquisition



SYA has binding agreement to purchase Authier for CAD\$4million*

Legal and technical due diligence nearing completion

Glen Eagle shareholders approval for sale completed

Financing discussions advanced

Authier Acquisition Rationale



Large sunk cost in exploration, drilling, metallurgy and studies



Positive outlook for lithium prices



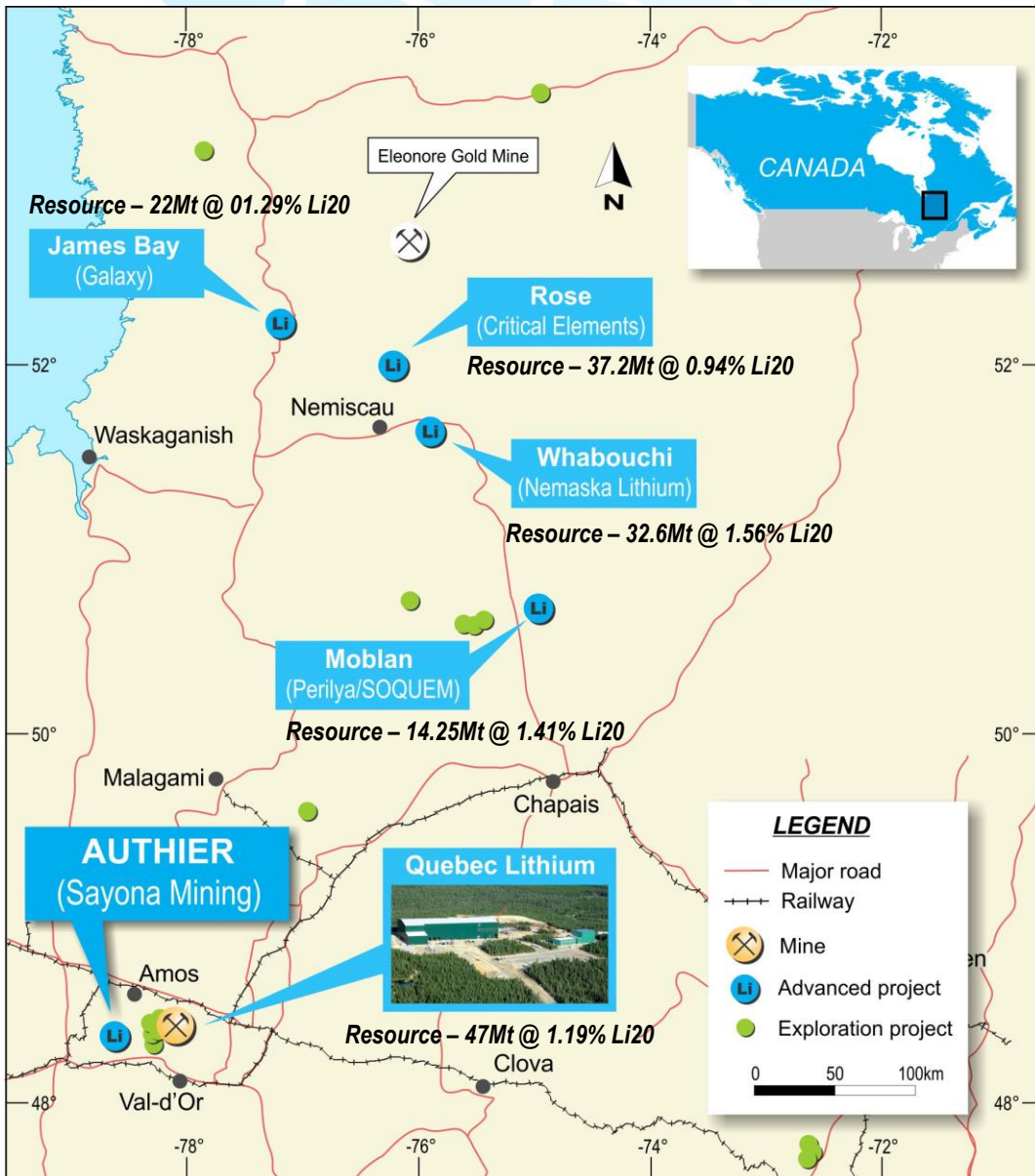
Near term development and cash flow potential



Value proposition - low purchase price and large value uplift potential

Quebec, Canada

A globally significant region for lithium deposits



Quebec has a well developed mining industry

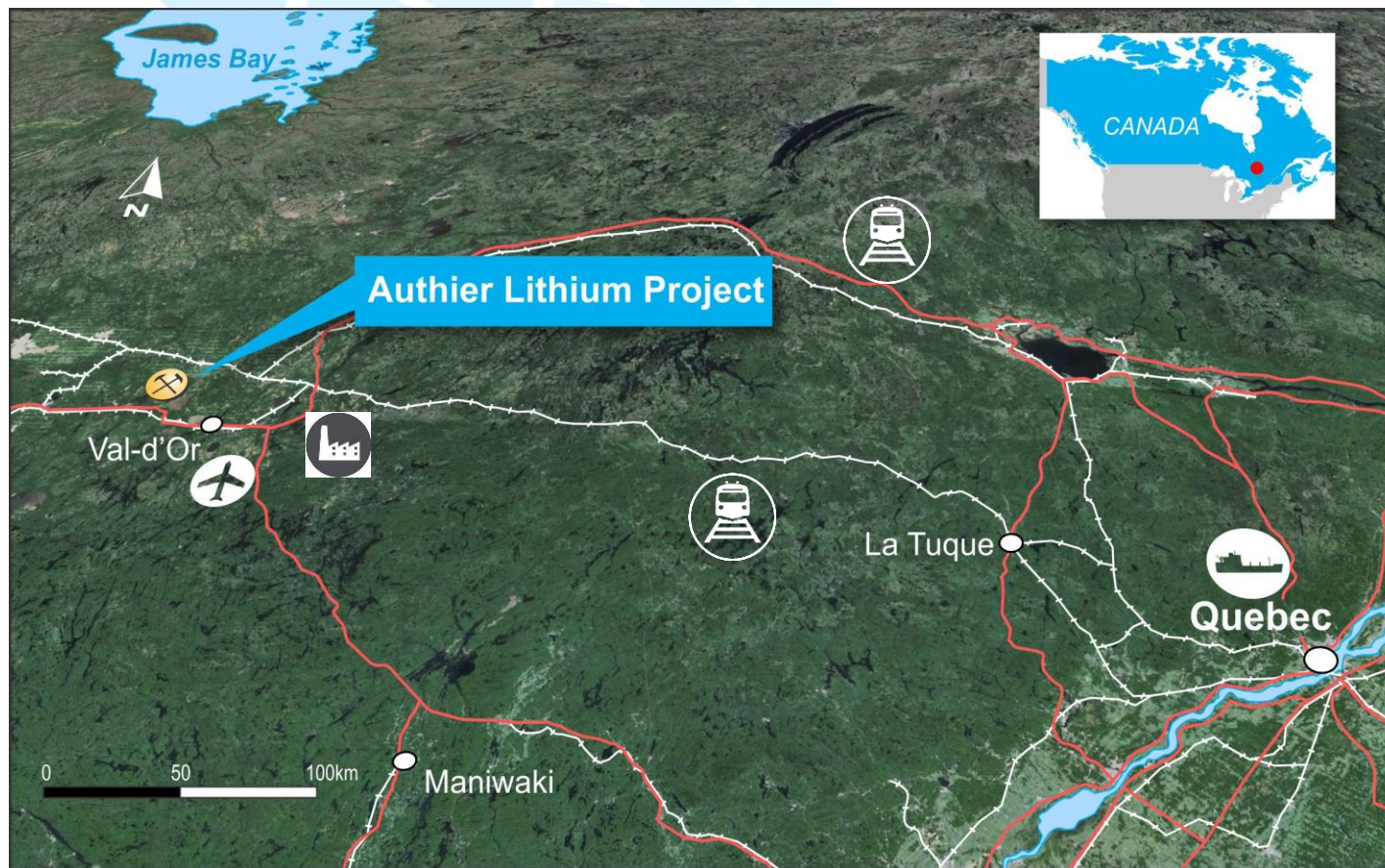
Host to a number of large high-grade Lithium deposits

TOP rated mining jurisdiction by Fraser Institute (no. 6 in world)

Strong Government Support for Mining

Proposed Acquisition of Authier

Well established development infrastructure



Excellent Infrastructure

Low cost **hydro power**
Road and rail access
Experienced **local**
mining workforce

653 ha
tenement
package

Located in a major
mining district

50km by road to
Quebec Lithium
Plant



Authier JORC Mineral Resource

Large resource of contained lithium

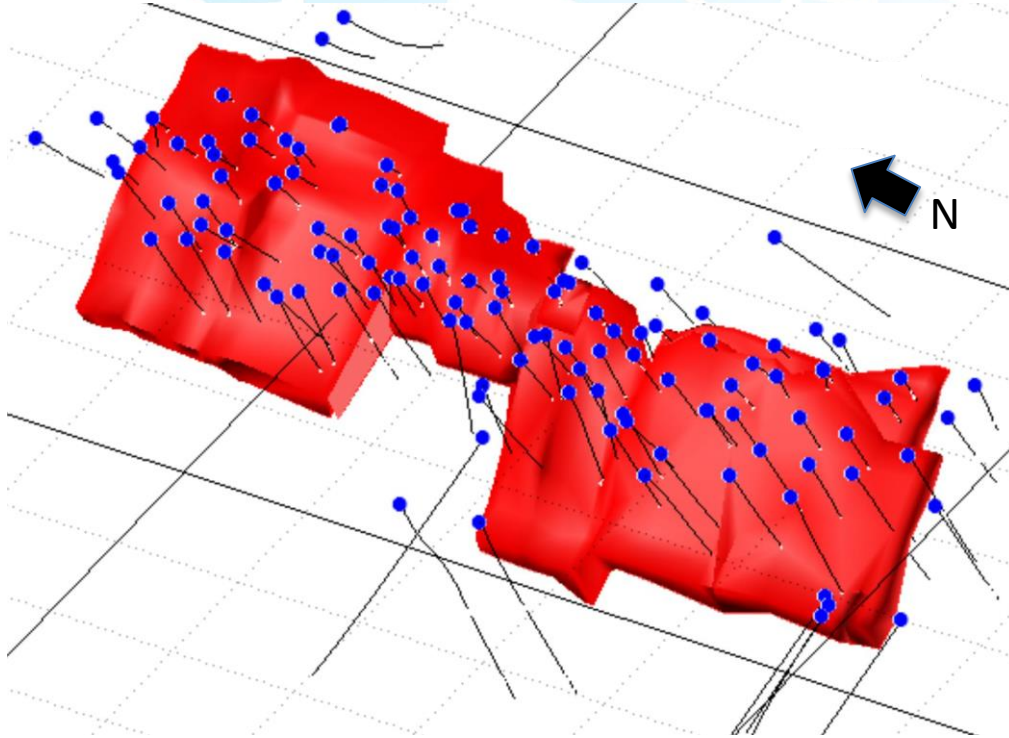
Authier JORC Mineral Resource Estimate*

Category	Tonnes (Mt)	Grades (Li2O)	Contained (Li2O)
Measured	2.08	0.95%	19,730
Indicated	5.16	0.97%	50,092
Inferred	1.88	0.93%	17,480
Total	9.12	0.96%	87,302

- 0.5% Li₂O cut-off grade*
- Cautionary Note - Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability. There is no certainty that all or any part of the Mineral Resources estimated will be converted into Mineral Reserves estimate
- The resource has been estimated and reported in accordance with the guidelines of the Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012).

Authier Lithium Deposit

Extensively drilled, simple deposit



**Spodumene
Bearing
Pegmatite**

15,000m
drilled

123 holes

2,143
lithium assays

**Authier
Deposit**

825m long
25m average width

**200m deep and
still open**

Well studied

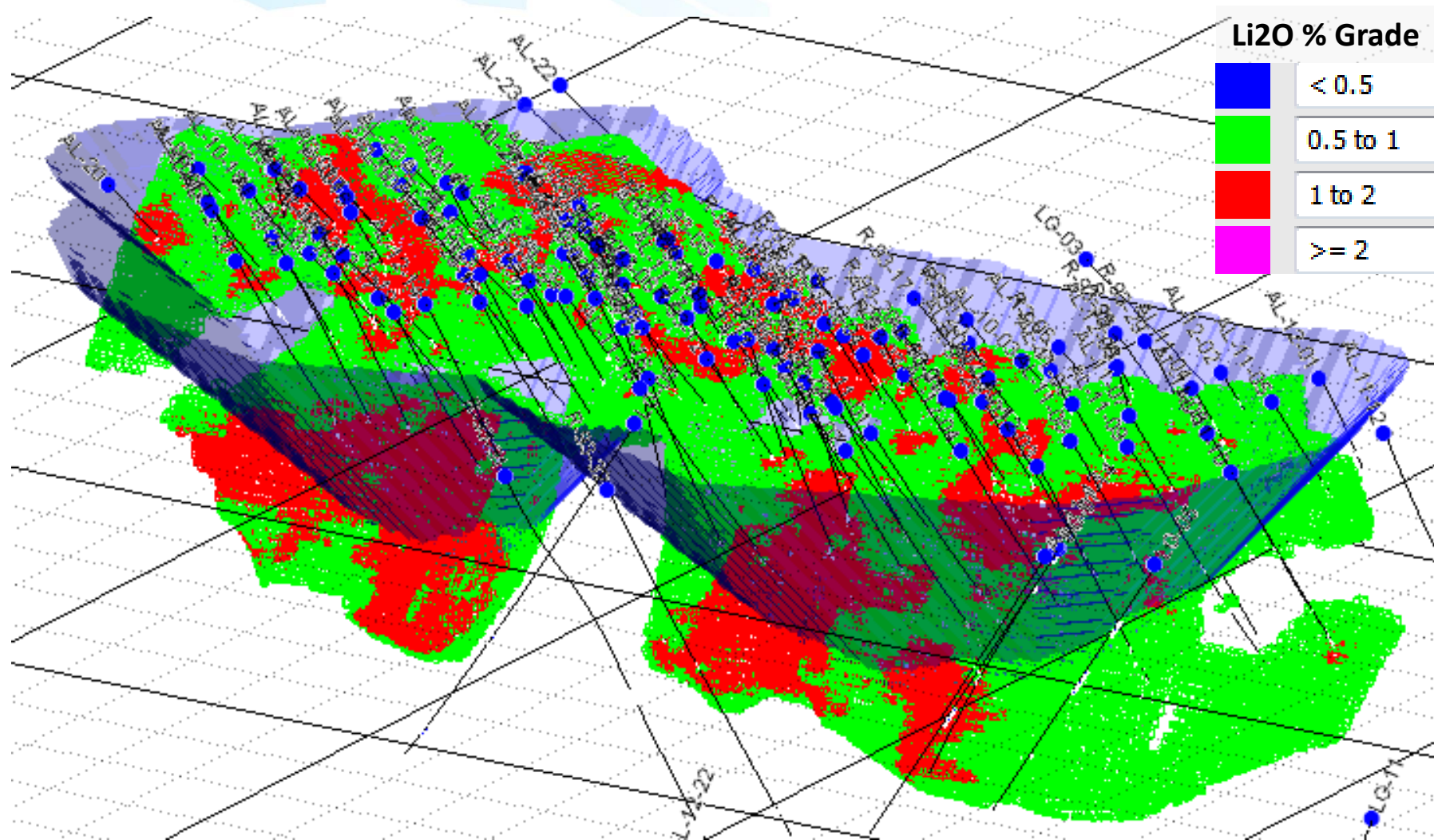
NI43-101
completed in 2013

**Commercial and
technical viability
confirmed**



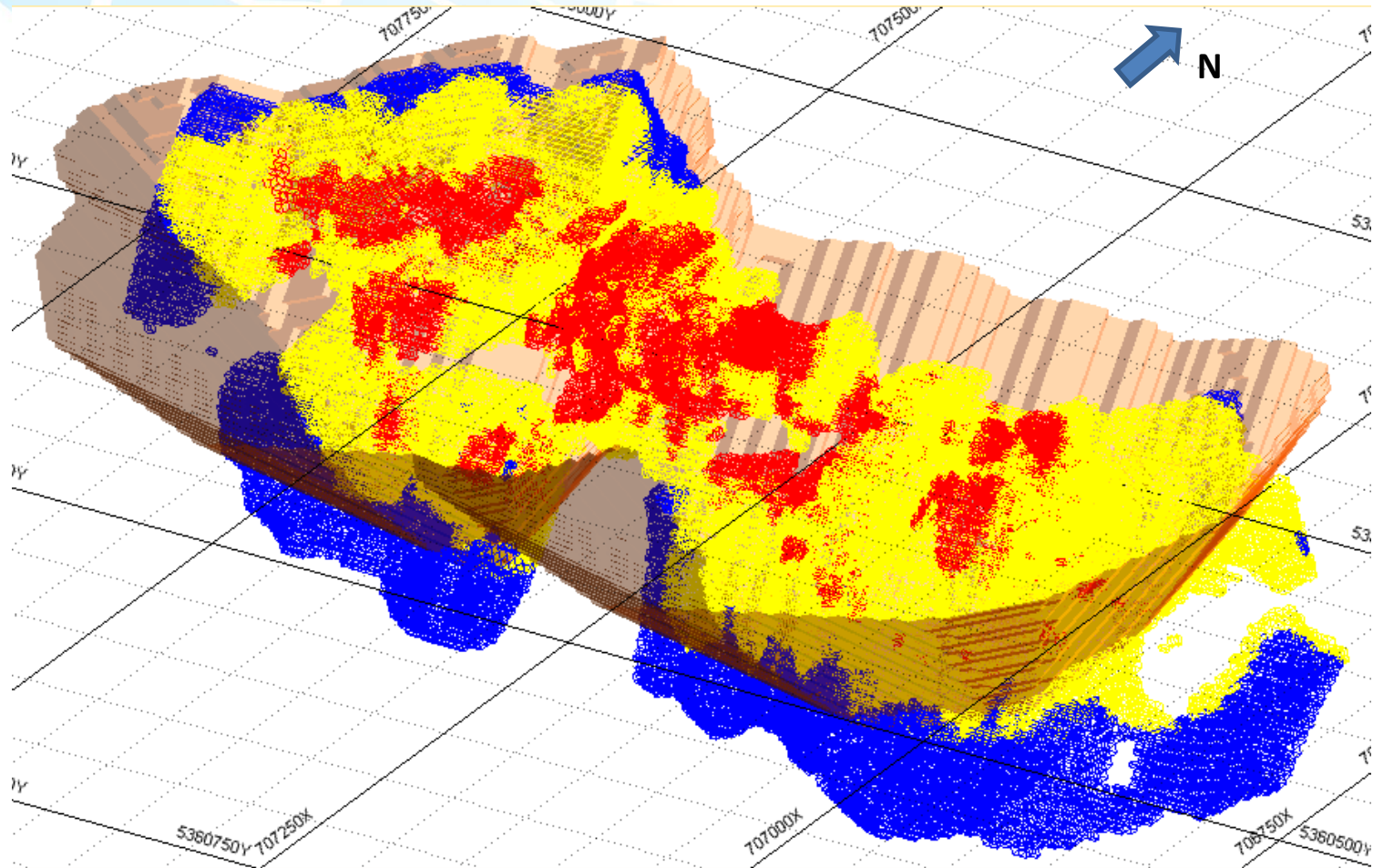
Authier Lithium Deposit

Block model and pit contour



Authier Deposit Resource Distribution

High proportion of measured and indicated resources



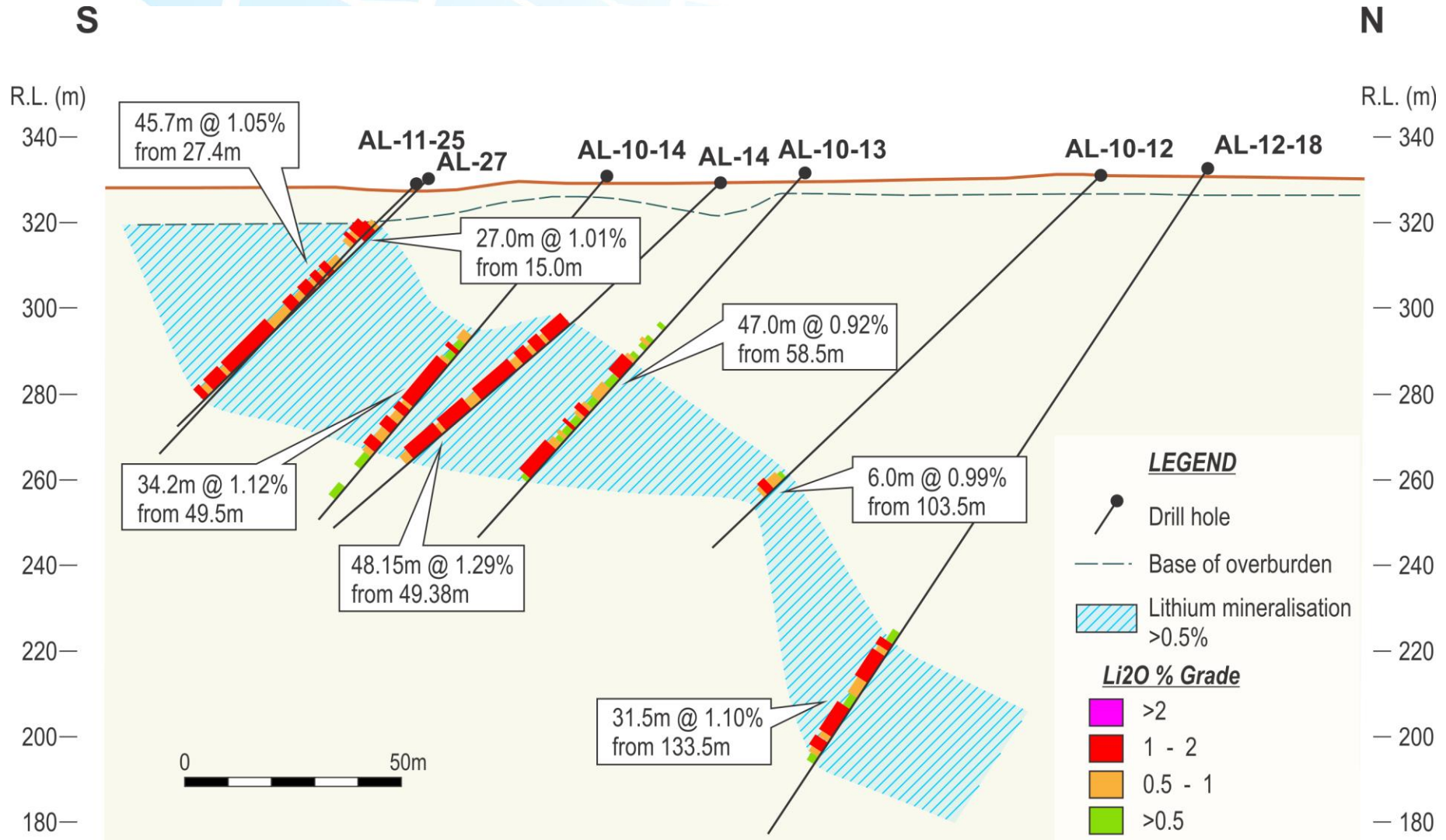
MEASURED
23%

INDICATED
57%

INFERRED
20%

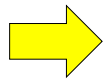
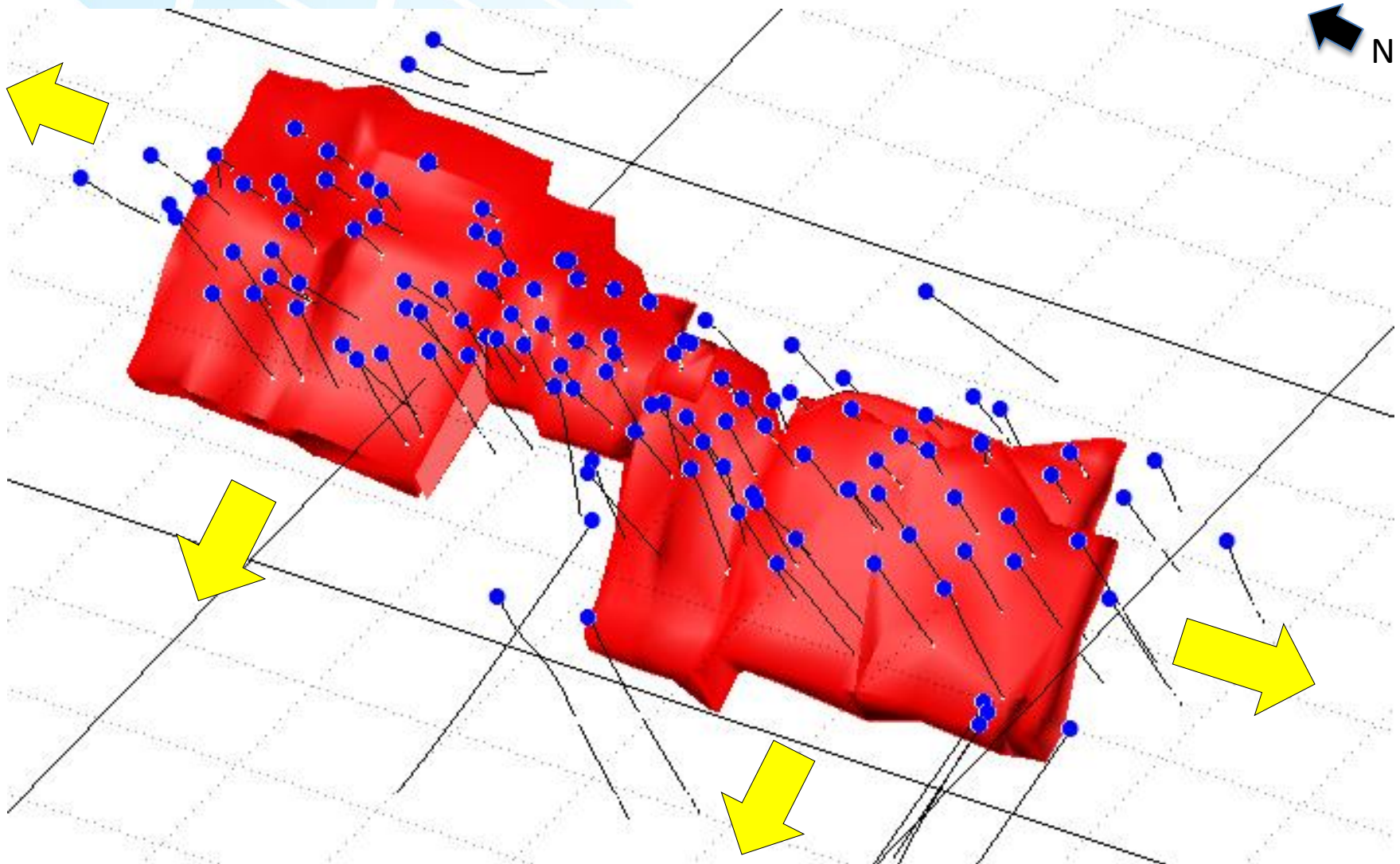
Authier Lithium Deposit Cross Section

Amenable to low-cost, open-cut mining techniques



Authier Lithium Deposit Expansion Potential

Drilling planned to target mineralised extensions



Authier Lithium Deposit

Spodumene exposed in a 40 tonne bulk sample pit used for metallurgical testing



Authier Deposit

Well preserved core library and drill core used for validating historical grades



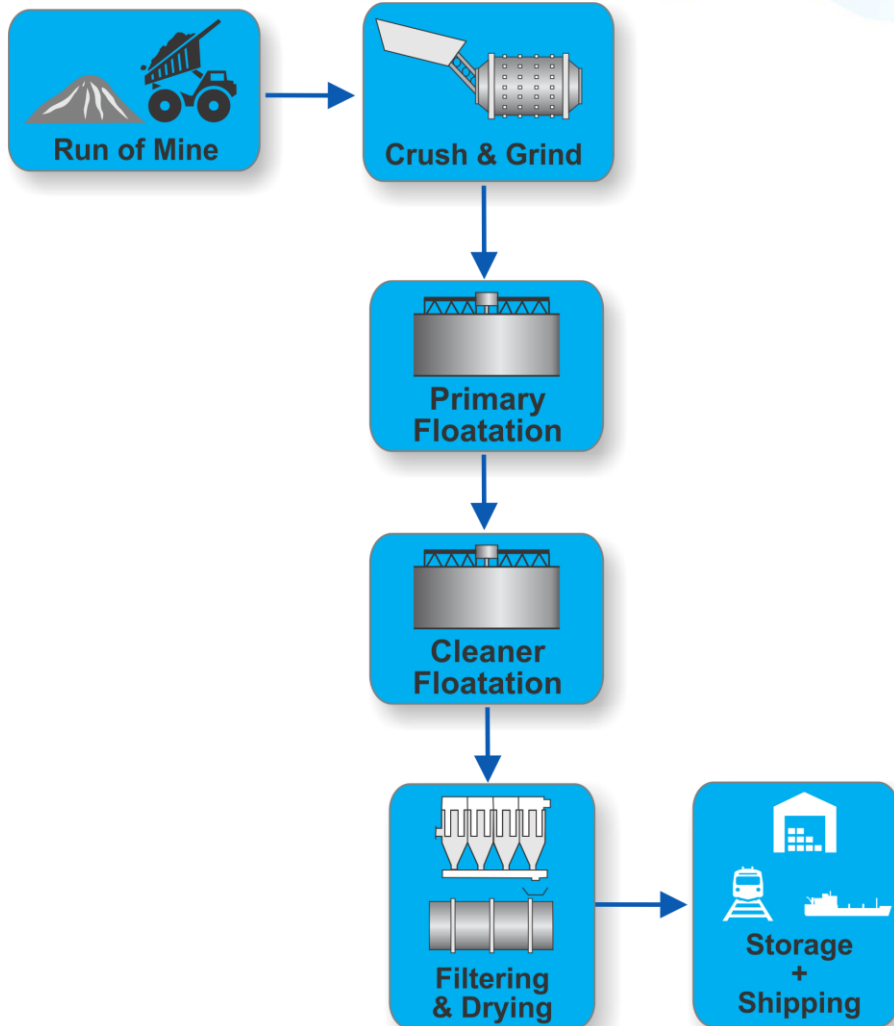
Authier Next Steps



- ✓ Finalise Pre-Feasibility Study
- ✓ Drilling to convert resources to reserves
- ✓ Explore and drill for extensions to known mineralisation
- ✓ Complete a Bankable Feasibility Study
- ✓ Off-take and financing
- ✓ Construction and operation

Authier Metallurgy

Extensive metallurgical testing completed



Conventional Processing Route

Flowsheet Design

85% recovery
5-6% Li₂O concentrate

No mica pre-float

Concentrate Pricing

Galaxy selling at **US\$600/t**

Significant upside to 2013 NI-43101

Optimisation Options

Dense Media Separation

Downstream processing into intermediate products

Authier Project Positives

More than 15,000 metres
of drilling in 123 holes –
established resource



Well studied – proven
technical and
economic viability –
fast track to production

Deposit amenable to
simple, open-cut
mining techniques



Located in top-tier
mining jurisdiction with
stable taxes and
royalties

Extensive metallurgical
testing - flowsheet
designed to produce
5-6% Li₂O concentrate



Well established
mining district with
excellent infrastructure

Authier Acquisition Attractively Priced

SYA paying AUD\$47/t of contained Li20 at C\$4 million purchase price

SAYONA

**Potential
Authier
Valuation Upside**

EV @ \$700/t = \$62m

EV @ \$500/t = \$45m

?

Developer

No value
yet
attributed
in SYA
market cap
for
proposed
Authier
acquisition

\$47/t for 88,860t[^]

Existing
SYA Assets

Market Cap
\$19M
Today

Proposed Authier
Acquisition – CAD\$4m

Market Cap
\$23M
before Authier
Acquisition*

LTURA
Mining Limited

PILBARA
MINERALS
LIMITED

GALAXY

Developer

\$627

Developer

\$615

Producer

\$1457

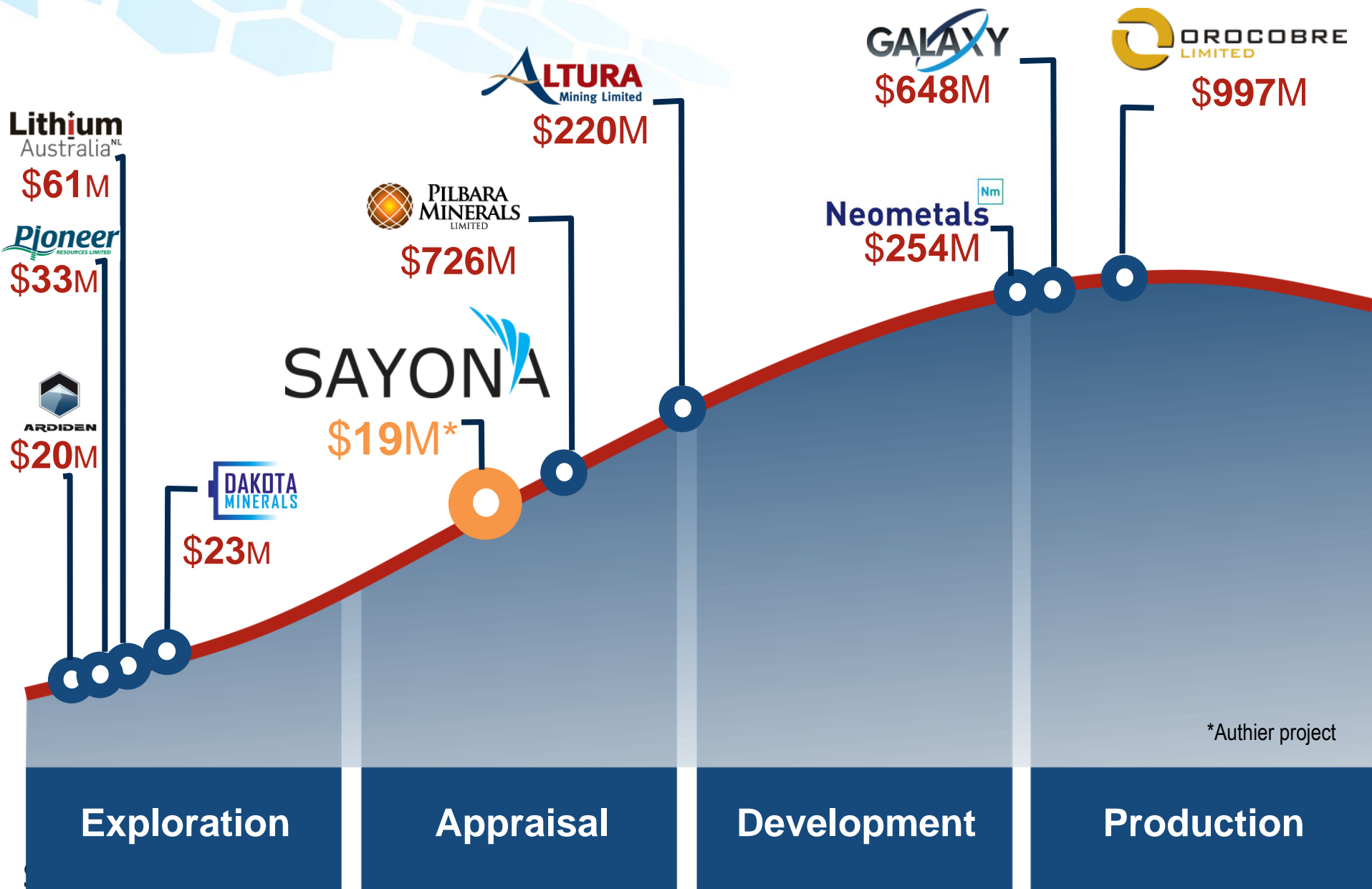
1,000
900
800
700
600
500
400
300
200
100
0

Enterprise Value Per Tonne of
Contained Li20 (\$/tonne)

SAYONA

* Before ASX Release, "Proposal to Acquire Advanced Lithium Project in Canada", 3 May 2016. ^ Contained Li20

Authier Value Up-lift Potential



ACN 091 951 978
Suite 68, 283 Given Terrace
Paddington, Queensland, 4064
Brisbane, Australia
Ph: +61 7 3369 7058
info@sayonamining.com.au

www.sayonamining.com.au



SAYONA
MINING LIMITED

