

2024 Annual General Meeting Additional Information

Sayona Mining Limited ("Sayona" or "Company") (ASX:SYA; OTCQB:SYAXF) provides the following information at the request of the Australian Securities Exchange (ASX).

The 2024 Annual General Meeting MD/CEO presentation has been updated with slides 23 and 24 containing supporting information that had previously been released on 19 November 2024 in the ASX release entitled "*Proposed Merger & Equity Financing Presentation*" and had been referenced in the ASX release on 28 November 2024 entitled "*2024 AGM – MD/CEO Presentation*".

The following presentation does not contain any new information that had not previously been published on the ASX platform.

Issued on behalf of the Board.

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About Sayona Mining

Sayona Mining Limited is a North American lithium producer (ASX:SYA; OTCQB:SYAXF), with projects in Québec, Canada and Western Australia.

In Québec, Sayona's assets comprise North American Lithium together with the Authier Lithium Project and the Tansim Lithium Project, supported by a strategic partnership with American lithium developer Piedmont Lithium Inc. Sayona also holds a 60% stake in the Moblan Lithium Project in northern Québec.

In Western Australia, the Company holds a large tenement portfolio in the Pilbara region prospective for gold and lithium. Sayona is exploring for Hemi style gold targets in the world class Pilbara region, while its lithium projects include Company-owned leases and those subject to a joint venture with Morella Corporation.

For more information, please visit us at www.sayonamining.com.au

2024 AGM

28 November 2024

ASX:SYA | OTCQB:SYAXF





Important Information and Disclaimer

Important Information and Disclaimer

The Presentation does not purport to be all-inclusive or to contain all the information that you or any other party may require to evaluate the prospects of the Company. The information in this Presentation should be read in conjunction with Sayona's other periodic and continuous disclosure announcements lodged with the Australian Securities Exchange (ASX), which are available at www.asx.com.au, as well as Piedmont's periodic and continuous disclosure announcements filed with the U.S. Securities and Exchange Commission (SEC), which are available at www.sec.gov.

To the fullest extent permitted by law, the Company and its affiliates, related bodies corporates, officers, employees, partners, agents and advisers make no representation or warranty (express or implied) as to the currency, accuracy, reliability, reasonableness or completeness of the information in this Presentation and expressly disclaim all responsibility and liability for any loss or damage arising in respect of your reliance on the information contained in this Presentation (including your reliance on the accuracy, completeness or reliability of that information), or any errors in or omissions from this Presentation, including any liability arising from negligence.

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Financial information and forward-looking statements

All financial information in this Presentation is in Australian Dollars (\$) or AUD) unless otherwise stated. This Presentation contains "forward looking statements" concerning the financial conditions, results of operations and business of Sayona. All statements other than statements of fact or aspirational statements, are or may be deemed to be "forward looking statements".

Often, but not always, forward looking statements can generally be identified by the use of forward looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "continue", "outlook", "predict", "contemplate", "forecast", "likely", "believe", "target", "will", "could", "would", "should", "potential", "may" and "guidance", or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, future or anticipated production or construction commencement dates and expected costs, resources and reserves, exploration results or production outputs.

Forward looking statements are statements of future expectations that are based on management's current expectations and assumptions and known and unknown risks and uncertainties that could cause the actual results, performance or events to differ materially from those expressed or implied in these statements. These risks include, but are not limited to, risks related to the Merger Transaction, including the risk that conditions are not satisfied, the risk of litigation, uncertainties as to the timing, risks of disruption to current plans or operations, risks to ability to hire key personnel, competitive responses to the Merger Transaction, potential adverse reactions to relationship with customers, MergeCo's ability to achieve synergies, as well as delays, challenges and expenses associated with integrating MergeCo's existing businesses. Such risks also include price

fluctuations, actual demand, currency fluctuations, drilling and production results, resource and reserve estimates, loss of market, industry competition, environmental risks, physical risks, legislative, fiscal and regulatory developments, economic and financial market conditions in various countries and regions, political risks, project delay or advancement, approvals and cost estimates.

Sayona undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

Not an offer

This Presentation is for information purposes only and is not a prospectus, disclosure document, product disclosure statement or other offering document under Australian, U.S. or any other law. This Presentation is not and should not be considered an offer or an invitation, or a solicitation of an offer, to subscribe for or acquire securities or any other financial products.

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Important Information and Disclaimer

Not financial product advice

This Presentation has been prepared without taking into account the specific objectives, financial situation or needs of individual investors. Before making an investment decision, prospective investors should consider the appropriateness of the information having regard to their own objectives, financial situation and needs and seek appropriate advice, including financial, legal and taxation advice appropriate to their jurisdiction and circumstances. Sayona is not licensed to provide financial product advice in respect of its securities. Cooling off rights do not apply to the acquisition of New Shares.

Mineral Resources and Ore Reserves - Sayona

The information in this presentation that relates to the mineral resource and ore reserves estimates of Sayona's projects (i.e. NAL, Authier and Moblan) has been extracted from the ASX announcement titled "*Annual Report to Shareholders*" released on 30 August 2024 and which is available at www.asx.com.au.

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

Mineral Resources and Ore Reserves – Piedmont

The information in this presentation that relates to the mineral resource and ore reserves estimates of Piedmont's Carolina Lithium project has been extracted from the ASX announcement titled "*Piedmont Completes BFS of the Carolina Lithium Project*" released on 15 December 2021" and which is available at www.asx.com.au.

Production target disclosure - Sayona

The information in this presentation that relates to the production targets for Sayona's projects (i.e. NAL, Moblan and Authier) has been extracted from the following ASX announcements:

- NAL: Sayona announcement "Definitive Feasibility Study Confirms NAL Value with A\$2.2B NPV" released on 14 April 2023
- Moblan: Sayona announcement "Moblan Lithium Project Definitive Feasibility Study" released on 20 February 2024
- Authier: Sayona announcement "Definitive Feasibility Study Confirms NAL Value with A\$2.2B NPV" released on 14 April 2023

Sayona confirms that all the material assumptions underpinning the production targets in each of those market announcements continue to apply and have not materially changed. Each of those announcements is available from www.asx.com.au.

Production target disclosure- Piedmont

The information in this presentation that relates to the production target for Piedmont's Carolina Lithium project has been extracted from the following ASX announcements Carolina Lithium: Piedmont announcement "Piedmont Completes BFS of the Carolina Lithium Project" released on 15 December 2021 and which is available at www.asx.com.au.

JORC Code

It is a requirement of the ASX Listing Rules that the reporting of Ore Reserves and Mineral Resources in Australia comply with the Joint Ore Reserves Committee's Australasian Code for Reporting of Mineral Resources and Ore Reserves (JORC Code).

Investors outside Australia should note that while Ore Reserves and Mineral Resource estimates of the Company in this document comply with the JORC Code, they may not comply with the relevant guidelines in other countries and, in particular, do not comply with (i) National Instrument 43-101 (Standards and Disclosure for Mineral Projects) of the Canadian Securities Administrators (the "Canadian NI 43-101 Standards"); or 1300 of Regulation S-K which governs disclosures of mineral reserves in registration statements filed with the SEC. Information contained in this Presentation describing mineral deposits may not be comparable to similar information made public by companies subject to the reporting disclosure requirements of Canadian and US securities laws.

Agenda

Merger with Piedmont Lithium

FY24 Highlights

Operational Performance

Strategy Update

FY25 Guidance



Merger Transaction Structure



Overview of the merger

- Newly-formed US subsidiary of Sayona to merge with and into Piedmont, subject to shareholder approvals
- Post transaction ownership split: approximately 50% Sayona shareholders / 50% Piedmont shareholders, on a fully-diluted basis, prior to conditional placement
- Sayona will be the ultimate parent entity (i.e “MergeCo”)
- MergeCo will be domiciled in Australia
- Subject to shareholder approval, MergeCo to rebrand under a new name to be announced

Benefits of ASX primary listing and a Nasdaq secondary listing

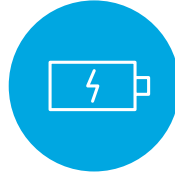
- ASX has demonstrated track record of supporting emerging mining companies, already familiar with MergeCo’s assets
- Nasdaq listing provides enhanced liquidity and potential to broaden equity research coverage and institutional investor interest

Investment Highlights

Sayona + Piedmont Lithium



Building a leading lithium business with spodumene resources of global scale



Largest hard rock lithium producer in North America; merger enables brownfield expansion at NAL



Three DFS-stage development projects in favourable locations



Leadership team combining deep operating experience and strong corporate governance



Significant merger synergies and ongoing cost savings measures

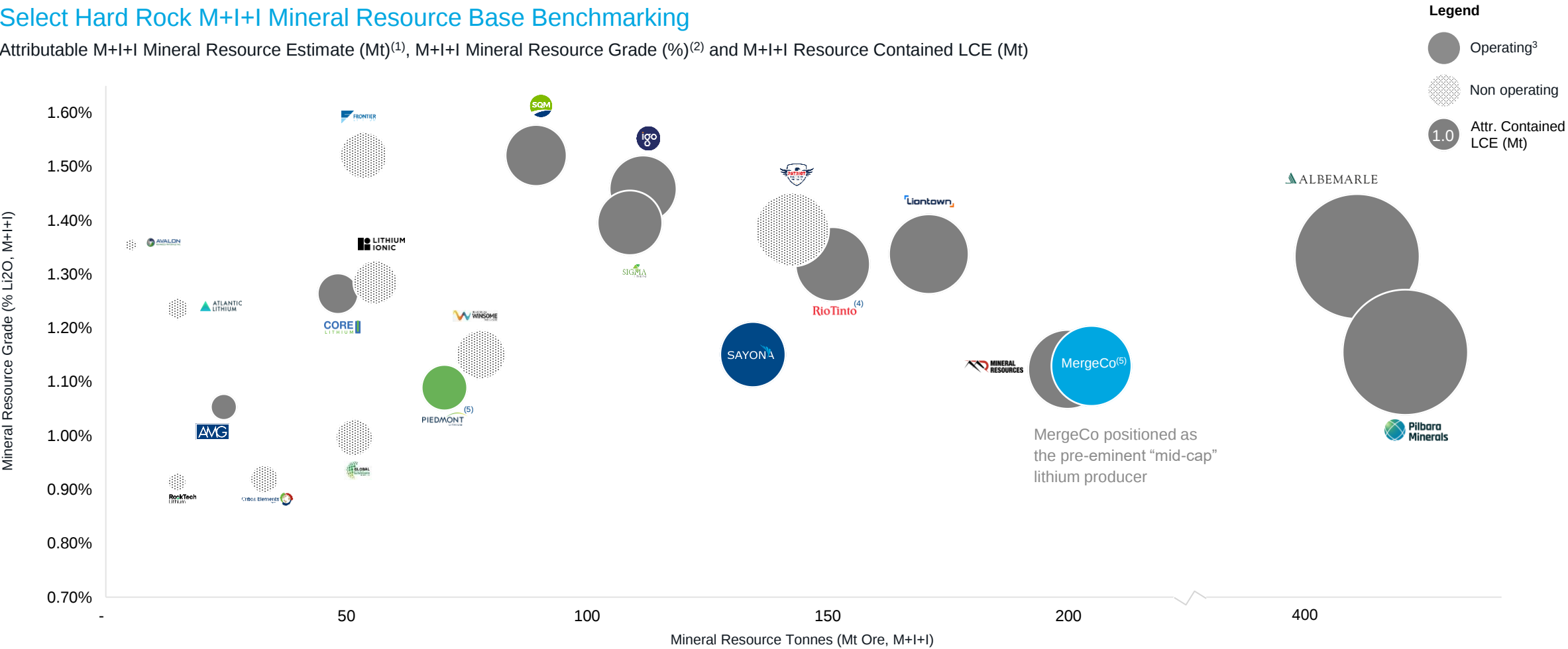


Funding raise led by Resource Capital Fund VIII L.P. provides balance sheet strength to weather down-market and advance projects toward development

Leading Hard Rock Resource Base Totalling 205Mt

Select Hard Rock M+I+I Mineral Resource Base Benchmarking

Attributable M+I+I Mineral Resource Estimate (Mt)⁽¹⁾, M+I+I Mineral Resource Grade (%)⁽²⁾ and M+I+I Resource Contained LCE (Mt)



1. Peer Mineral Resource Estimates (Measured, Indicated & Inferred) as reported, refer to ASX release dated 19 November 2024 titled “Proposed Merger & Equity Financing Presentation” on pages 35 – 39 for supporting sources of peer comparison resource estimates and for Sayona and Piedmont resource estimates and slide 23 of this presentation

2. Resource grade calculated based on companies total hard rock attributable portfolio

3. Operating indicates one or more producing assets within the portfolio

4. Assumes completion of Rio Tinto’s acquisition of Arcadium Lithium

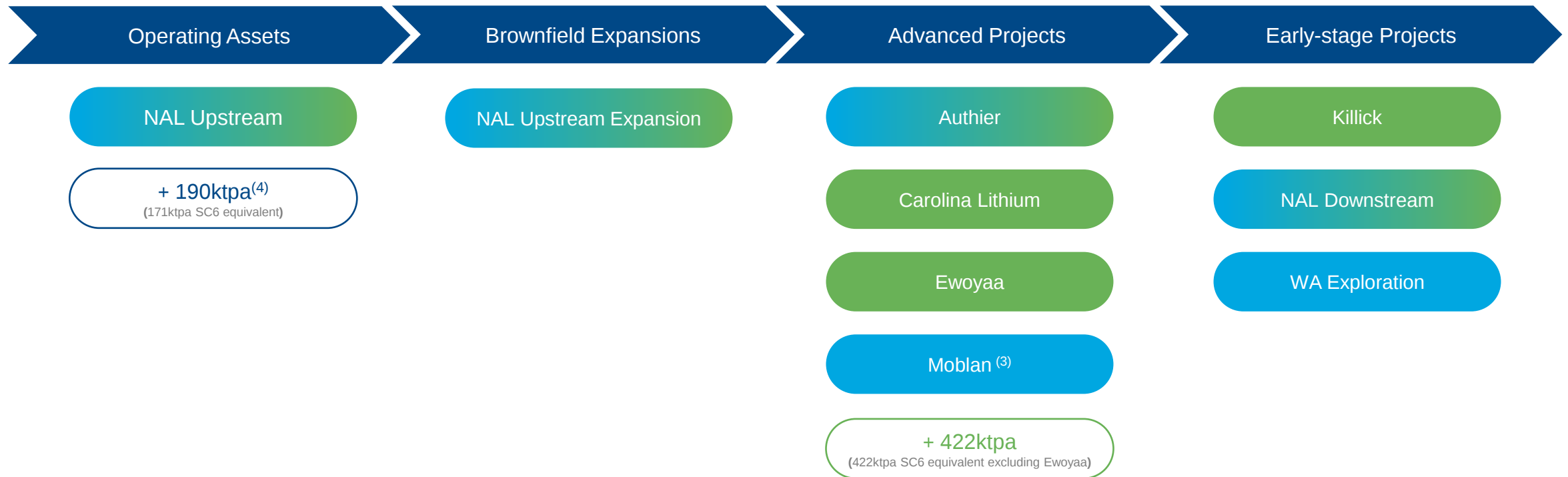
5. Excludes Ewoyaa

Combined Scale Enhances Growth Pipeline and Provides Flexibility to Optimise Development

Sayona Project

Piedmont Project

Growth Pipeline (1)(2)



1. Estimated Spodumene Concentrate Production Capacity as reported and shown on an attributable basis. Refer to "Important Information and Disclaimer" section for the source of previously reported production targets for NAL Upstream, Authier, Carolina Lithium, and Moblan, which are underpinned by the Mineral Resource and Ore Reserve Estimates in ASX release dated 19 November 2024 titled "Proposed Merger & Equity Financing Presentation" on pages 35 – 38

2. Projects listed in alphabetical order

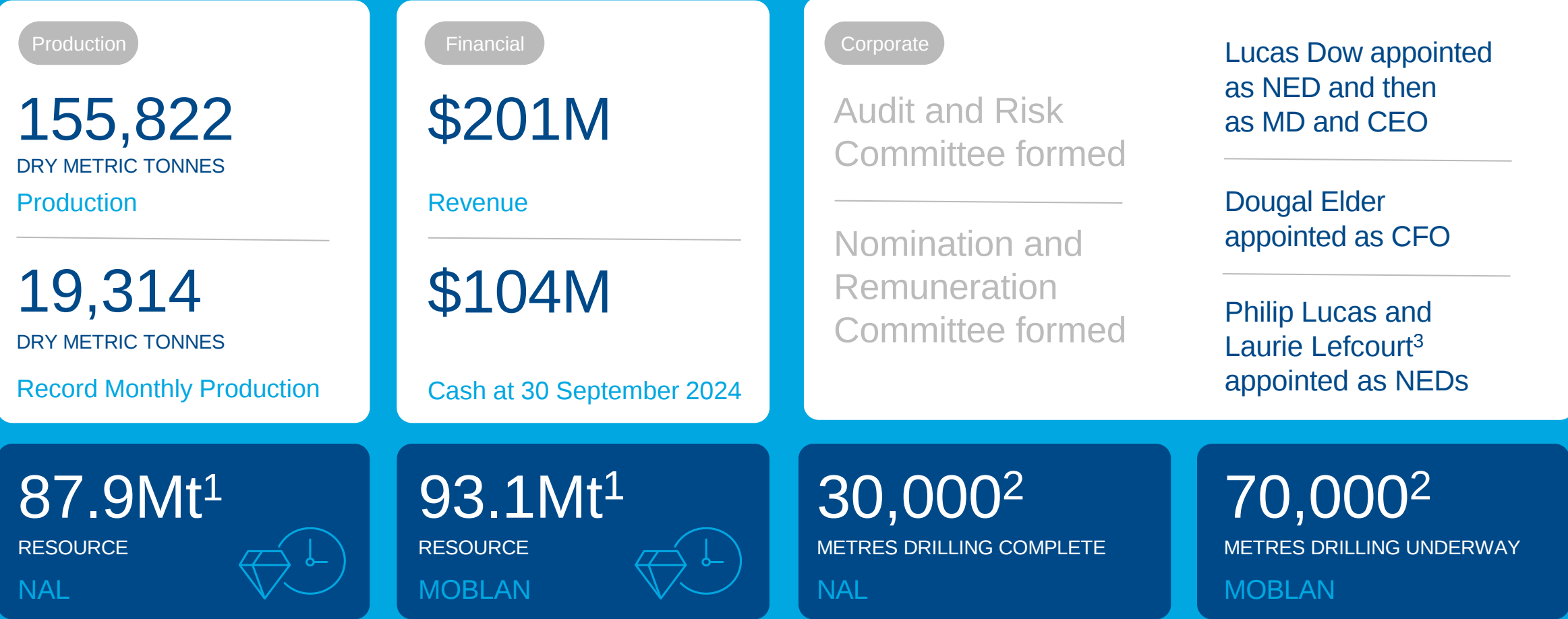
3. Moblan equity interest shown to be 60%

4. Production target over life-of-mine of 190ktpa spodumene concentrate. Target annual production for first four years until start of downstream production is 226ktpa. Refer to Sayona ASX announcement released on 14 April 2023



FY24 Highlights

North American Lithium nearing steady state production after only 17 months



Notes
1 Released post end of FY24, refer to ASX Announcement on 27 August 2024 and slide 24.
2 Funded by Flow Through Share funding as allowed under the *Income Tax Act* (Canada).
3 Appointed 16 October 2024

Operational Performance

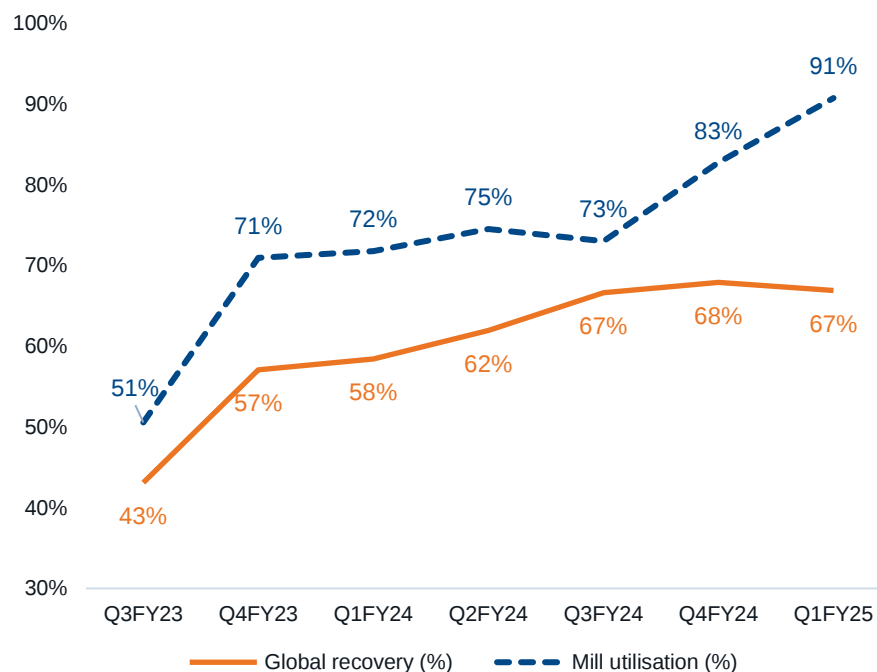


NAL Operational Performance

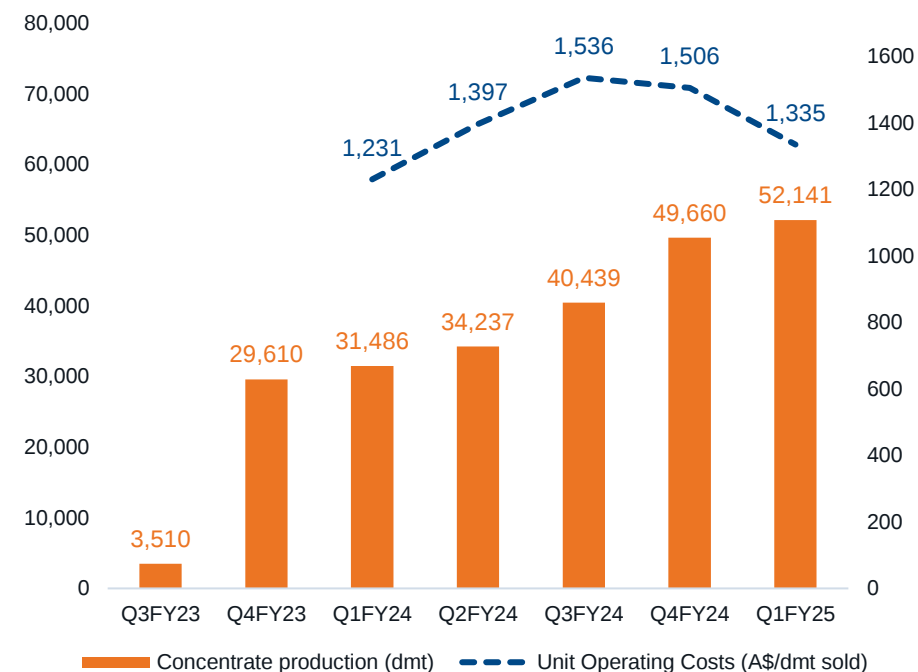
Delivering significant QoQ production increase

- Production restart and maiden shipments within 2 years of NAL acquisition
- Significant increase in ore mined, combined with higher grades delivered to plant due to increased blasting efficiencies and dilution management
- Continued focus on improving process plant utilisation and plant stability
- Shipments to customers continuing with improvements in logistics costs identified
- Continued focus on safety improvement in FY25

NAL Global Recovery and Mill Utilisation to 30 September 2024



NAL Concentrate Production and Unit Operating Costs to 30 September 2024





North American Lithium

51% increase in Mineral Resource to 88Mt



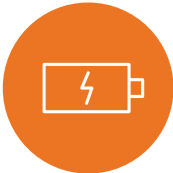
JORC Measured, Indicated
and Inferred Resource

87.9Mt @ 1.13% Li₂O¹



Excellent conversion
to reserves expected

82% in M&I category



Contained lithium

Up 39%



Additional drilling

Further 30,000m complete²

Notes

- 1 Refer to ASX Announcement on 27 August 2024 (at 0.60% cut-off grade) and slide 24.
- 2 Funded through Flow Through Share funding as allowed under the Income Tax Act (Canada).





Moblan Lithium Project

81% upgrade in Mineral Resource to 93Mt



JORC Measured, Indicated and Inferred Resource

93.1Mt @ 1.21% Li₂O¹
70% in M&I category



Easily accessible resource

High grade, low strip ratio, and high Li₂O recovery



Close to, and well-served by, key infrastructure and transport nodes

Such as roads, railroads, and power lines - enabling year-round access



Excellent access

to high growth EV and battery markets across North America



Notes
1 Refer to ASX Announcement on 27 August 2024 (at 0.55% cut-off grade) and slide 24.

Strategy Update





Our Strategy

Clear pathway to building the next major, global lithium company



01 Optimise operations

Ramp up production at NAL to sustainably optimise production and maximise returns and cashflow generation



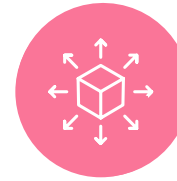
02 Expand resource base

Expand known mineral resources through drilling programs at NAL and Moblan and continue value accretive exploration in Québec and Western Australia



03 Develop assets

Deliver portfolio potential through the development of upstream assets and pursue value accretive growth options



04 Integrate downstream

Evaluate and secure opportunities for downstream integration into higher value lithium carbonate and lithium hydroxide production



05 Explore strategic partnerships

To lock in demand, access-end markets, establish a vertically integrated supply chain, and fund the accelerated development of the Company with strict cash flow management

An opportune time to invest in Lithium

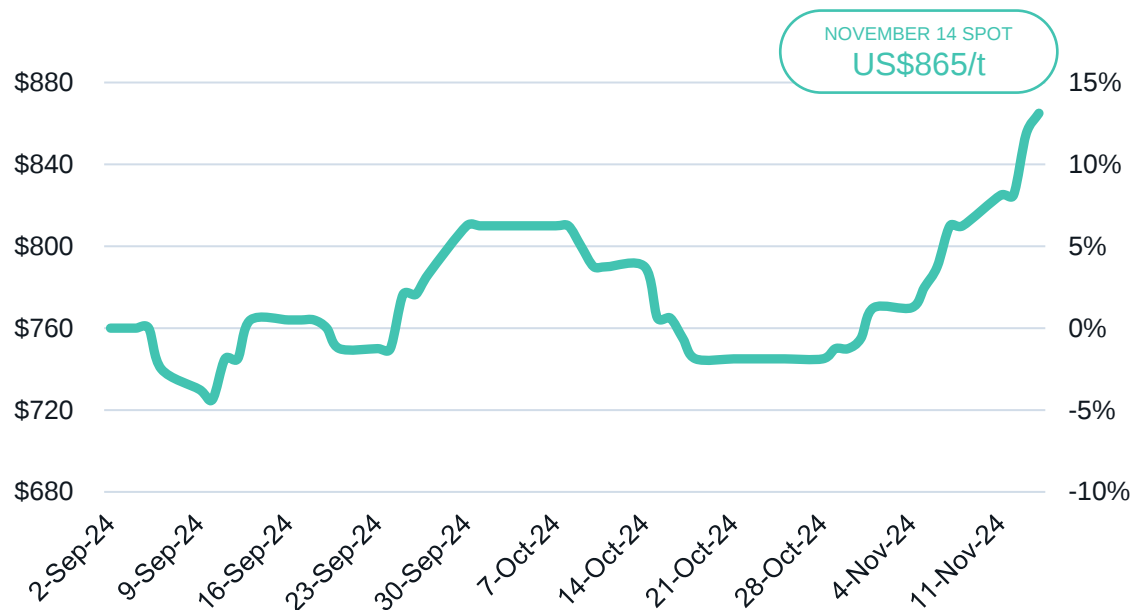
- ✓ Lithium remains a key cornerstone material for the global energy transition
- ✓ Countercyclical investment, lithium price significantly down from highs with forecast LT pricing upside
- ✓ Highly attractive long-term fundamentals with >10% demand CAGR to 2040 / with supply deficits anticipated by 2030
- ✓ Low price environment increasing risk to future supply, with announced supply reductions and project delays
- ✓ Increasing importance of project location—strategic benefits from IRA and proximity to key downstream partners

Spodumene Prices Have Recovered from Recent Lows; Lithium Hydroxide Futures Remain in Contango

6% Lithium Oxide Spodumene Concentrate Spot Price (US\$/t)⁽¹⁾

Spodumene Concentrate prices have recovered from multi-year lows as industry responds to supply curtailments and project delays

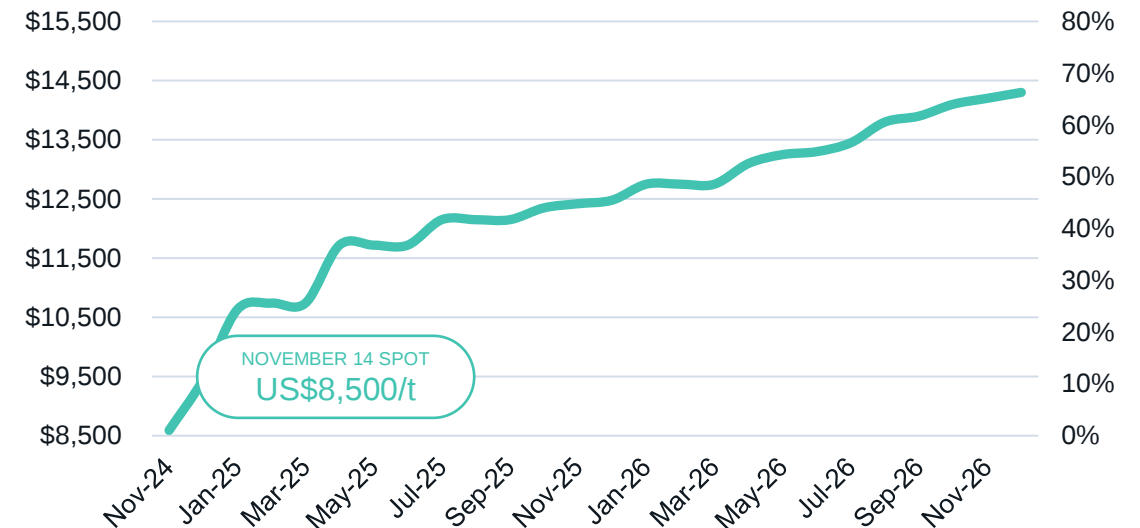
Resilient demand growth from EVs and ESS driving downstream inventory destocking



CME Lithium Hydroxide CIF Futures (US\$/t)⁽²⁾

Lithium Hydroxide futures market is in contango reflecting optimistic sentiment

MergeCo can hedge future deliveries against the curve to improve price realisations and limit downside exposure



1. Fastmarkets pricing as of November 14, 2024
2. Chicago Mercantile Exchange settlements as of November 14, 2024

Significant Margin Fluctuation over the Last Cycle but Expect More Consistency in the Long Term

Key Observations

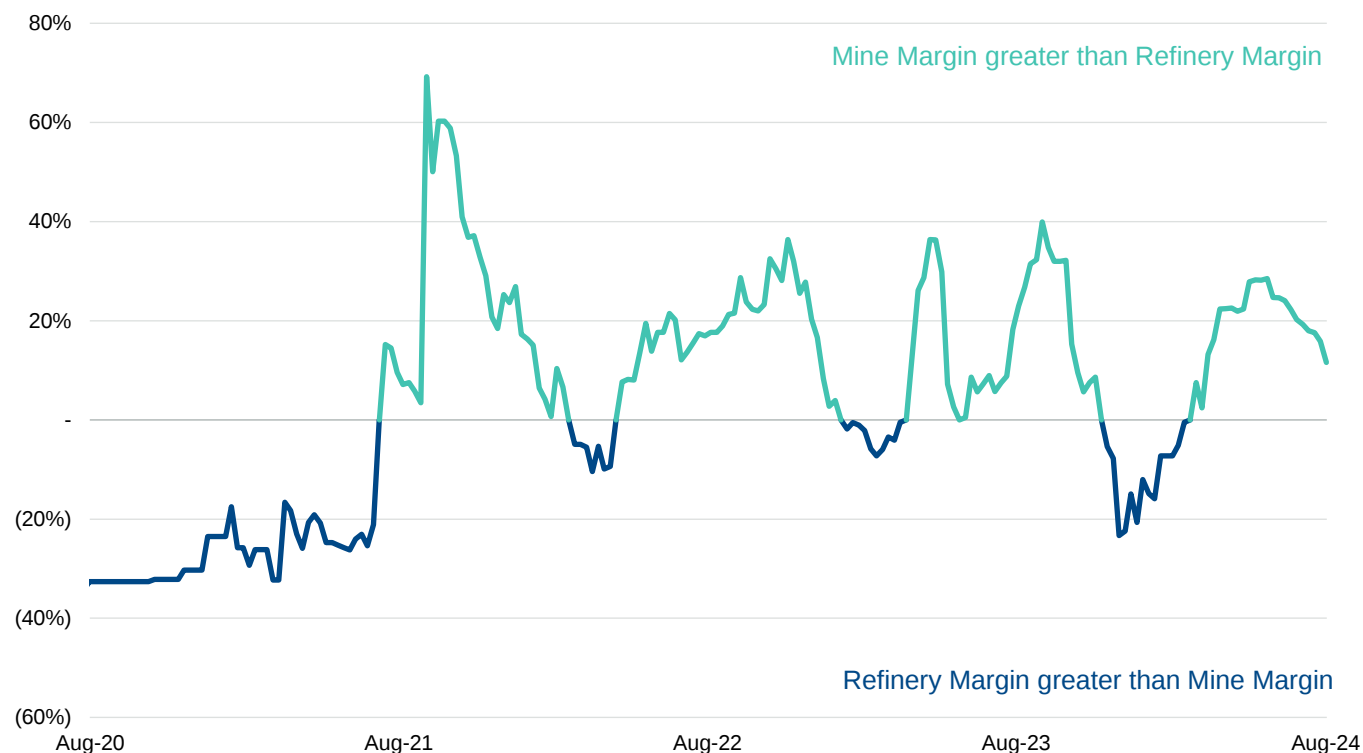
Industry and supply-chains, particularly outside of China, are still being established

Over the past few years, there have been three distinct periods of volatility and margin transfer between the various parts of the value-chain

- 01 While spodumene prices rebounded strongly over the following 2 years capturing a greater share of the overall margin, investors and the market remained focused on downstream integration
- 02 Over the last 12 months, volatility and margin compression have been experienced across the board while downstream production outside of China / Asia has proven challenging both from a capex and importantly from a technical perspective (e.g. Albemarle / Tianqi curtailments / issues in Australia)
- 03 Miners experienced margin transfer to refiners over 2019 -2021 which led to an under-investment in mining and a greater focus on downstream integration

Refining vs Mine Margin⁽¹⁾⁽²⁾⁽³⁾

% of LiOH Price



Notes

- 1 Mine Margin calculated as (Spodumene Price – Spodumene AISC) / Spodumene Price; Spodumene converted to hydroxide using a conversion factor of 0.14, which assumes an 85% recovery rate for the conversion of spodumene to hydroxide
- 2 Refinery Margin calculated as (Hydroxide Price – Conversion AISC – Mine Margin – Spodumene AISC) / Hydroxide Price
- 3 Spodumene and conversion AISC based on Wood Mackenzie's estimated weighted average cost by year

FY25 Guidance



FY25 Guidance⁵

Spodumene Concentrate Production

190,000-
210,000

DRY METRIC TONNES

SC 5.4% product grade

100% NAL production

FY25 production guidance
assumes NAL achieves
steady state production
levels in FY25

Spodumene Concentrate Sales

200,000-
230,000

DRY METRIC TONNES

SC 5.4% product grade

100% NAL sales

Approximately two thirds
(67%) of concentrate sales
will be sold by NAL to
Piedmont Lithium under the
offtake agreement in FY25

Unit Operating Costs ^(1,4)

A\$1,150-
A\$1,300

PER DRY METRIC TONNE

SC 5.4% product grade

100% NAL unit
operating costs

A\$ / dmt sold, FOB Port
of Québec

Unit operating costs reflect
achievement of steady
state production levels

Capital Expenditure ^(1,2)

~A\$20M

Group capital expenditure
relates predominantly to
sustaining capital projects
at NAL

Exploration Expenditure ^(1,3)

~A\$30M

Relates to utilisation of
Flow Through Share
funding which must be
spent on Quebec lithium
projects by end of 2024

Notes

1 Guidance assumes average annual foreign exchange rates of AUD:CAD 0.91 and AUD:USD 0.667.

2 Capital expenditure guidance excludes movements in capital creditors which amounted to A\$3 million as at 30 June 2024.

3 Exploration expenditure guidance excludes movements in exploration creditors which amounted to A\$7 million as at 30 June 2024.

4 Unit operating cost is calculated on an accruals basis and includes mining, processing, transport, port charges, site-based general and administration costs and cash based inventory movements, and excludes depreciation and amortisation charges, freight and royalties. It is reported in A\$ / dmt sold, FOB Port of Québec.

5 Guidance published in ASX release 30 August 2024 is based on assumptions, budgets and estimates existing at the time of assessment which may change over time impacting the accuracy of those estimates. These estimates are developed in the context of an uncertain operating environment including in respect of inflationary macroeconomic conditions, incomplete engineering and uncertainties surrounding the risks associated with mining and project development including construction, commissioning and ramp up which may delay or impact production and have a flow on effect on sales. Actual results may therefore vary significantly depending on these risks and the timing required to address them. The information is provided as an indicative guide to assist sophisticated investors with modelling of the Company. It should not be relied upon as a predictor of future performance.

Our Strategy in action – next 18 months

Clear pathway and actions to building the next major, global lithium company



01 Optimise operations

Ramp up production at NAL to sustainably optimise production and maximise returns and cashflow generation



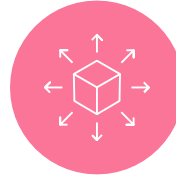
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Expand known mineral resources through drilling programs at NAL and Moblan and continue value accretive exploration in Québec and Western Australia



03 Develop assets

Deliver portfolio potential through the development of upstream assets and pursue value accretive growth options



04 Integrate downstream

Evaluate and secure opportunities for downstream integration into higher value lithium carbonate and lithium hydroxide production



05 Explore strategic partnerships

To lock in demand, access-end markets, establish a vertically integrated supply chain, and fund the accelerated development of the Company with strict cash flow management



06 Complete merger with Piedmont

Successfully complete merger with Piedmont with secondary listing on Nasdaq

Next 18 Months

Improve safety and environmental performance
Mine cost reduction
Continued mill utilisation and throughput improvement
Recovery optimisation
Logistics cost reduction

Complete planned drilling programs at NAL and Moblan (flow through funding); and
Execute modest program in Western Australia—focus on Tabba Tabba

Revisit Moblan DFS with focus on benefits of increased reserve base, capital intensity and sizing
Advance Moblan approvals and permitting (~5 year lead time)
Evaluate NAL expansion options based on materially expanded resource base

Selection of suitable downstream technical partner/s
Evaluate participation opportunities to leverage existing downstream facilities / projects

Identify partnership options to drive downstream development; and
Options to enable development pathways for Moblan greenfield and NAL brownfield expansion

Complete capital raise with RCF upon merger approval
Target to offer Share Purchase Plan to eligible shareholders
Complete organisational integration with Piedmont
Achieve targeted MergeCo synergies
Progress MergeCo growth pipeline with focus on a potentially highly value accretive NAL brownfield expansion



Connect with us.

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Supporting data: Leading Hard Rock Resource Base

Totalling 205Mt



Asset	Company	Country / Region	Category	Reporting Code	Source	Date	Mineral Resource ⁽²⁾⁽³⁾								Jurisdictional Risk Score ⁽³⁾
							Measured (Mt)	Li ₂ O (%)	Indicated (Mt)	Li ₂ O (%)	Total M+I (Mt)	Li ₂ O (%)	Inferred (Mt)	Li ₂ O (%)	
Kings Mountain	Albemarle (100%)	North Carolina, US	Non-operating	S-K 1300	Albemarle Corporation 10-K (2023)	31-Dec-23	-	-	46.8	1.4%	46.8	1.4%	42.9	1.1%	79.8
Greenbushes	Albemarle (49%); IGO (25%); Tianqi (25%)	Western Australia, Australia	Operating	JORC	Company filing (Greenbushes CY23 Resources and Reserves)	19-Feb-24	0.7	3.0%	397.0	1.5%	397.7	1.5%	49.0	1.1%	84.1
Galaxy (James Bay)	Rio Tinto (100%) ⁽¹⁾	Quebec, Canada	Non-operating	S-K 1300	Company filing (SEC Technical Report Summary James Bay Lithium)	30-Oct-23	-	-	55.3	1.3%	55.3	1.3%	55.9	1.3%	91.1
Whabouchi	Rio Tinto (50%) ⁽¹⁾ ; IQ (50%)	Quebec, Canada	Non-operating	S-K 1300	Aracidium Lithium 10-K (2023)	31-Dec-23	10.4	1.4%	35.4	1.4%	45.8	1.4%	8.2	1.3%	91.1
Mt Cattlin	Rio Tinto (100%) ⁽¹⁾	Western Australia, Australia	Operating	S-K 1300	Aracidium Lithium 10-K (2023)	31-Dec-23	0.3	0.9%	12.0	1.5%	12.2	1.5%	0.6	1.1%	84.1
Ewoyaa	Piedmont (40.5%); Atlantic Lithium (40.5%); Govt. of Ghana (13%); MIIF (6%)	Ghana	Non-operating	JORC	Atlantic Lithium Investor Presentation (September 2024)	3-Sep-24	3.7	1.4%	26.1	1.2%	29.8	1.3%	7.0	1.2%	45.9
Finniss	Core Lithium (100%)	Northern Territory, Australia	Non-operating	JORC	Core Lithium Annual Report (2024)	27-Sep-24	6.3	1.4%	21.6	1.3%	27.9	1.3%	20.3	1.2%	79.3
PAK	Frontier Lithium (92.5%); Mitsubishi (7.5%)	Ontario, Canada	Non-operating	NI 43-101	Company filing (NI 43-101 Technical Report)	14-Jul-23	1.3	2.1%	24.2	1.6%	25.5	1.7%	32.4	1.4%	86.0
Manna	Global Lithium (100%)	Western Australia, Australia	Non-operating	JORC	Company filing (43% Increase in Manna Lithium Deposit Mineral Resource to 51.6Mt @ 1.0% Li ₂ O)	12-Jun-24	-	-	32.9	1.0%	32.9	1.0%	18.7	0.9%	84.1
Salinas	Pilbara Minerals (100%) ⁽³⁾	Brazil	Non-operating	JORC	Company filing (Colina Lithium deposit MRE upgrade)	30-May-24	28.6	1.3%	38.6	1.2%	67.3	1.3%	10.4	0.9%	60.7
Kathleen Valley	Liontown (100%)	Western Australia, Australia	Non-operating	JORC	Company filing (Kathleen Valley DFS confirms Tier-1 global lithium project)	11-Nov-23	20.0	1.3%	109.0	1.4%	129.0	1.4%	27.0	1.3%	84.1
Buldanía	Liontown (100%)	Western Australia, Australia	Non-operating	JORC	Company website (Mineral Resources, Reserves and CP Statement)	21-Apr-21	-	-	9.1	1.0%	9.1	1.0%	5.9	1.0%	84.1
Itinga (Bandeira & Outro Lado)	Lithium Ionic (100%)	Brazil	Non-operating	NI 43-101	Bandeira Feasibility Study / Company filing (Lithium Ionic Announces Maiden Mineral Resource Estimate at its Itinga Project)	11-Jul-2024 / 27-Jun-23	6.0	1.4%	17.9	1.3%	23.9	1.4%	17.3	1.4%	60.7
Salinas	Lithium Ionic (100%)	Brazil	Non-operating	NI 43-101	Company filing (Lithium Ionic Announces Maiden Mineral Resource Estimate)	4-Apr-24	1.1	1.2%	4.8	1.1%	5.9	1.1%	8.9	1.0%	60.7
Mt Marion	MinRes (50%); Ganfeng (50%)	Western Australia, Australia	Non-operating	JORC	Company filing (Mt Marion underground Mineral Resource update / Mineral Resources and Ore Reserves update)	21-Feb-24 / 22-Sep-23	-	-	54.7	1.4%	54.7	1.4%	11.4	1.1%	84.1
Wodgina	MinRes (50%); Albemarle (50%)	Western Australia, Australia	Non-operating	JORC	Company filing (Mineral Resources and Ore Reserves update)	22-Sep-23	-	-	182.1	1.2%	182.1	1.2%	35.3	1.2%	84.1
Bald Hill	MinRes (100%)	Western Australia, Australia	Non-operating	JORC	Company filing (Bald Hill Operations and Mineral Resources Update /)	13-Nov-24 / 6-Jun-18	-	-	17.2	0.9%	17.2	0.9%	40.9	1.0%	84.1
Shaakichiwaanann	Patriot Battery Metals (100%)	Quebec, Canada	Non-operating	NI 43-101	Company website (Significant Mineral Resource Upgrade at Shaakichiwaanann Lithium Project to Underpin Impending PEA)	5-Aug-24	-	-	80.1	1.4%	80.1	1.4%	62.5	1.3%	91.1
Carolina	Piedmont (100%)	North Carolina, US	Non-operating	S-K 1300	Piedmont Lithium 10-K (2023)	31-Dec-23	-	-	28.2	1.1%	28.2	1.1%	15.9	1.0%	79.8
North American Lithium	Sayona (75%); Piedmont (25%)	Quebec, Canada	Non-operating	JORC	Company filing (North American Lithium Mineral Resource increases 51% to 88Mt / Sayona Mining Annual Report)	27-Aug-24 / 30-Aug-24	0.9	1.1%	71.1	1.1%	72.0	1.1%	15.8	1.1%	91.1
Authier	Sayona (75%); Piedmont (25%)	Quebec, Canada	Non-operating	JORC	Company filing (Definitive Feasibility Study Confirms NAL Value With A\$2.2B NPV)	14-Apr-23	6.0	1.0%	8.1	1.0%	14.1	1.0%	2.9	1.0%	91.1
Pilgangoora	Pilbara Minerals (100%)	Western Australia, Australia	Non-operating	JORC	Pilbara Minerals Annual Report (2024)	26-Aug-24	16.5	1.3%	314.4	1.2%	330.9	1.2%	76.6	1.1%	84.1
Moblan	Sayona (60%); IQ (40%)	Quebec, Canada	Non-operating	JORC	Company filing (Moblan Mineral Resource increases 81% to 93Mt / Moblan Lithium Project Definitive Feasibility Study)	27-Aug-24 / 20-Feb-24	6.0	1.5%	59.1	1.2%	65.1	1.2%	28.0	1.1%	91.1
Grota do Cirilo	Sigma (100%)	Brazil	Non-operating	NI 43-101	Company filing (NI 43-101 Technical Report)	18-Jan-24	45.2	1.4%	49.1	1.4%	94.3	1.4%	14.6	1.4%	60.7
Mt Holland	SQM (50%); Wesfarmers (50%)	Western Australia, Australia	Non-operating	S-K 1300	SQM 20-F (2023)	31-Dec-23	48.4	1.6%	123.4	1.5%	171.8	1.5%	7.0	1.4%	84.1
Adina	Winsome Resources (100%)	Quebec, Canada	Non-operating	JORC	Company filing (Adina Mineral Resource increases 33% to 78Mt at 1.15% Li ₂ O)	28-May-24	-	-	61.4	1.1%	61.4	1.1%	16.5	1.2%	91.1
Mibra	AMG (100%)	Brazil	Operating	NI 43-101	Company filing (AMG Advanced Metallurgical Group N.V. Announces Increased Lithium and Tantalum Mineral Resources at Mibra Mine)	3-Apr-17	3.4	1.0%	16.9	1.1%	20.3	1.1%	4.2	1.0%	60.7
Rose	Critical Elements (100%)	Ontario, Canada	Non-operating	NI 43-101	Company filing (Rose Lithium-Tantalum Project Feasibility Study)	11-Oct-23	-	-	30.6	0.9%	30.6	0.9%	2.4	0.8%	91.1
Separation Rapids	Avalon Advanced Materials (40%); Sibelco (60%)	Ontario, Canada	Non-operating	NI 43-101	Company filing (Avalon announces a substantive 20% increase in deposit size at its flagship Separation Rapids joint-venture lithium project)	10-Aug-23	4.3	1.3%	5.8	1.4%	10.1	1.3%	2.8	1.4%	86.0
Georgia Lake	RockTech (100%)	Ontario, Canada	Non-operating	NI 43-101	Company filing (Georgia Lake Pre Feasibility Study)	11-Oct-22	-	-	10.6	0.9%	10.6	0.9%	4.2	1.0%	86.0

Sayona Mineral Resources (100% basis)

Asset	Classification	Tonnage ⁽¹⁾ (Mt)	Grade (% Li ₂ O)	Contained Metal (kt Li ₂ O)	Contained LCE kt
NAL (Sayona 75% equity) ⁽²⁾	Measured	0.9	1.11%	10	25
	Indicated	71.1	1.14%	811	2,004
	M+I	72.1	1.14%	821	2,029
	Inferred	15.8	1.05%	166	410
Authier (Sayona 75% equity) ⁽³⁾	Measured	6.0	0.98%	59	145
	Indicated	8.1	1.03%	83	206
	M+I	14.1	1.01%	142	351
	Inferred	2.9	1.00%	29	72
Moblan (Sayona 60% equity) ⁽⁴⁾	Measured	6.0	1.53%	92	227
	Indicated	59.1	1.22%	721	1,783
	M+I	65.1	1.25%	813	2,010
	Inferred	28.0	1.14%	319	789

1. All resource figures shown on 100% basis. Mineral Resources are reported inclusive of ore reserves. All Mineral Resource estimates are reported in accordance with the JORC Code
2. Updated JORC Mineral Resource Estimate, refer to Sayona's ASX announcement titled "North American Lithium Resource increases 51% to 88Mt" released on 27 August 2024
3. North American Lithium DFS, refer to Sayona's ASX announcement titled "DFS Confirms NAL Value With A\$2.2B NPV" released on 14 April 2023
4. Updated JORC Mineral Resource Estimate, refer to Sayona's ASX announcement titled "Moblan Mineral Resource increases 81% to 93Mt" released on 27 August 2024