



PLUGGED INTO AN ELECTRIC FUTURE

BRETT LYNCH, MANAGING DIRECTOR/CEO, SAYONA MINING



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Forward Looking Statements

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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:

- Sayona expands northern Québec lithium hub with 121 new claims – 25 January 2022
- Moblan drilling planned as SYA eyes lithium resource expansion, 21 December 2021
- Drilling results advance Authier project, 1 December 2021
- Quarterly Activities Report, 29 October 2021
- Annual Report to shareholders, 22 October 2021
- Resource expansion eyed as Moblan acquisition closes, 18 October 2021

- Sayona acquiring Moblan project to boost Québec lithium base, 30 September 2021
- Sayona eyes potential NAL resource increase, 13 September 2021
- NAL acquisition finalized, production plans advance, 30 August 2021
- Exploration boost for Pilbara lithium assets, 6 August 2021
- Tests confirm Authier delivers high purity lithium hydroxide, 7 July 2021
- Sayona obtains court approval for NAL acquisition, 30 June 2021
- Completion of Piedmont Lithium investment in Sayona Québec, 8 June 2021
- Sayona embarks on next phase of Pilbara gold exploration, 7 June 2021
- Magnetic drill targets identified at Pilbara gold projects, 12 May 2021
- Sayona advances exploration activity in Canada and Australia, 6 April 2021
- Novonix to test Authier potential for lithium hydroxide battery, 31 March 2021
- Study confirms Tansim project's high lithium potential, 18 March 2021
- Sayona expands Tansim project as lithium demand accelerates, 11 March 2021
- Sayona invests in WA exploration assets, 3 February 2021
- Drilling program to expand Québec lithium resources, 27 January 2021
- Piedmont Lithium invests in Sayona – strategic partnership, 11 January 2021
- Revised Authier DFS shows boost to profitability – 11 November 2019

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.

Agenda

Managing Director's Update

Annual General Meeting

- 2021 achievements
- 2022: Key targets for Canadian & WA projects:
 - North American Lithium
 - Authier Lithium Project
 - Moblan Lithium Project
 - Pilbara gold projects
 - WA lithium projects
- Q&A

2021 Achievements

Creating a world-scale lithium producer

January 2021

Strategic investment from Piedmont Lithium, acquiring 19.9% of SYA, incl. offtake agreement

June 2021

Court approval for North American Lithium (NAL) acquisition

September 2021

60% stake in Moblan Lithium Project acquired for US\$86.5M, creating northern hub

March 2021

Tansim project expands to >15,000 ha

August 2021

NAL acquisition finalised; C\$94M cash consideration for approx. C\$400M assets

November 2021

SYA joins MSCI Global Small Cap Index

2021 Achievements

Share price up

2,000%¹

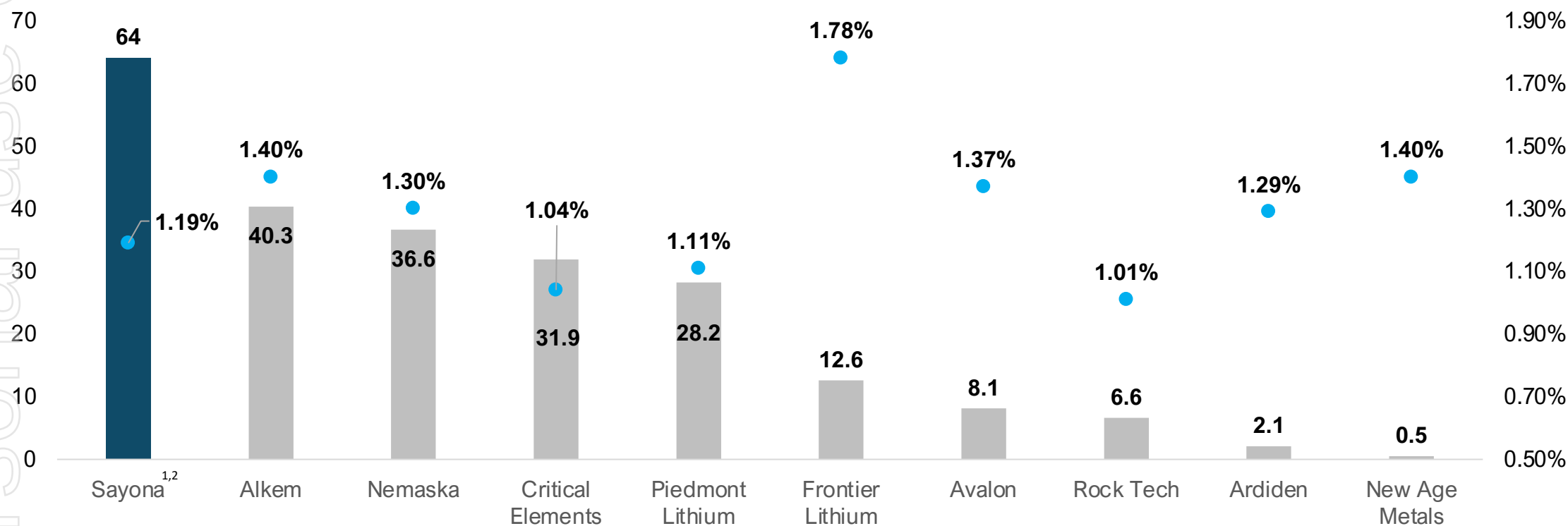
making SYA one of the
ASX's top performers

¹ 4 January 2021 – 4 January 2022



Assembling North America's leading lithium resource

Resource Size (Measured & Indicated Tonnage in Millions) and Grade (%)



- 1) Refer Cautionary Note below concerning the Moblan lithium resource. The Sayona resource comprising the foreign estimate at NAL does not reflect any depletion of the resource resulting from mining at NAL. Refer ASX announcement dated 13 September 2021.
- 2) Sayona resource includes 100% of the Moblan resource; Sayona acquired 60% of the project from Guo Ao Lithium with the remaining 40% held by IQ (SOQUEM)

Cautionary Note: National Instrument 43-101 is a national instrument for the Standards of Disclosure for Mineral Projects within Canada. The Mineral Reserves stated are foreign estimates and are not reported in accordance with JORC Code. A competent person has not done sufficient work to classify the foreign estimates as Mineral Resources in accordance with the JORC Code. It is uncertain that following evaluation and/or further exploration work that the foreign estimates will be able to be reported as Mineral Resources in accordance with the JORC Code.

Stepping up the lithium value chain



2022

- ◆ Complete NAL restart plan & Abitibi hub
- ◆ Expand Moblan as northern hub
- ◆ WA gold/lithium exploration



2023 - 2024

- ◆ Abitibi hub production
- ◆ Develop Abitibi downstream refinery plans for production
- ◆ Complete northern hub and commence Moblan production



2025 - 2026

- ◆ Begin refinery operations at Abitibi
- ◆ Expand Moblan production capacity
- ◆ Develop refinery operation to support lithium production from northern hub



2027 +

- ◆ Targeting capacity of Québec hubs to produce >55kt LCE p.a.
- ◆ Further invest in Québec battery metals to increase supply

Key targets

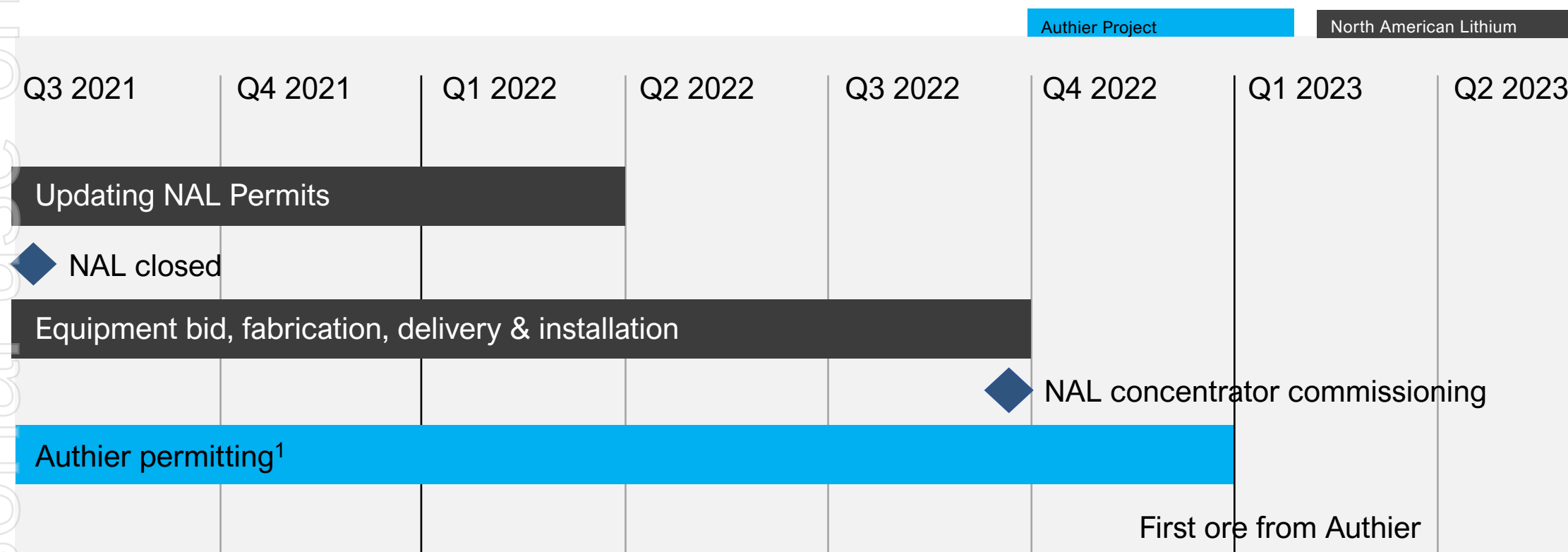
NAL restart plan on track

- Restart of spodumene concentrate production Q1 2023
- Plant & equipment – critical long-lead equipment ordered, ahead of schedule
- Permits – 90% complete overall to resume concentrate production
- Personnel - senior staff recruited, incl. mine manager, exploration director, environmental director, OHS director
- Canadian NI 43-101 to JORC resource upgrade expected to expand lithium resource; results due February 2022
- DFS for integrated Authier/NAL expected February 2022
- Negotiations underway with financiers to fully fund NAL restart plan
- Assessing lithium hydroxide/carbonate production



Key targets

Timeline to production



¹ Subject to change based on integration with NAL – ie. no concentrator required at Authier

Key targets

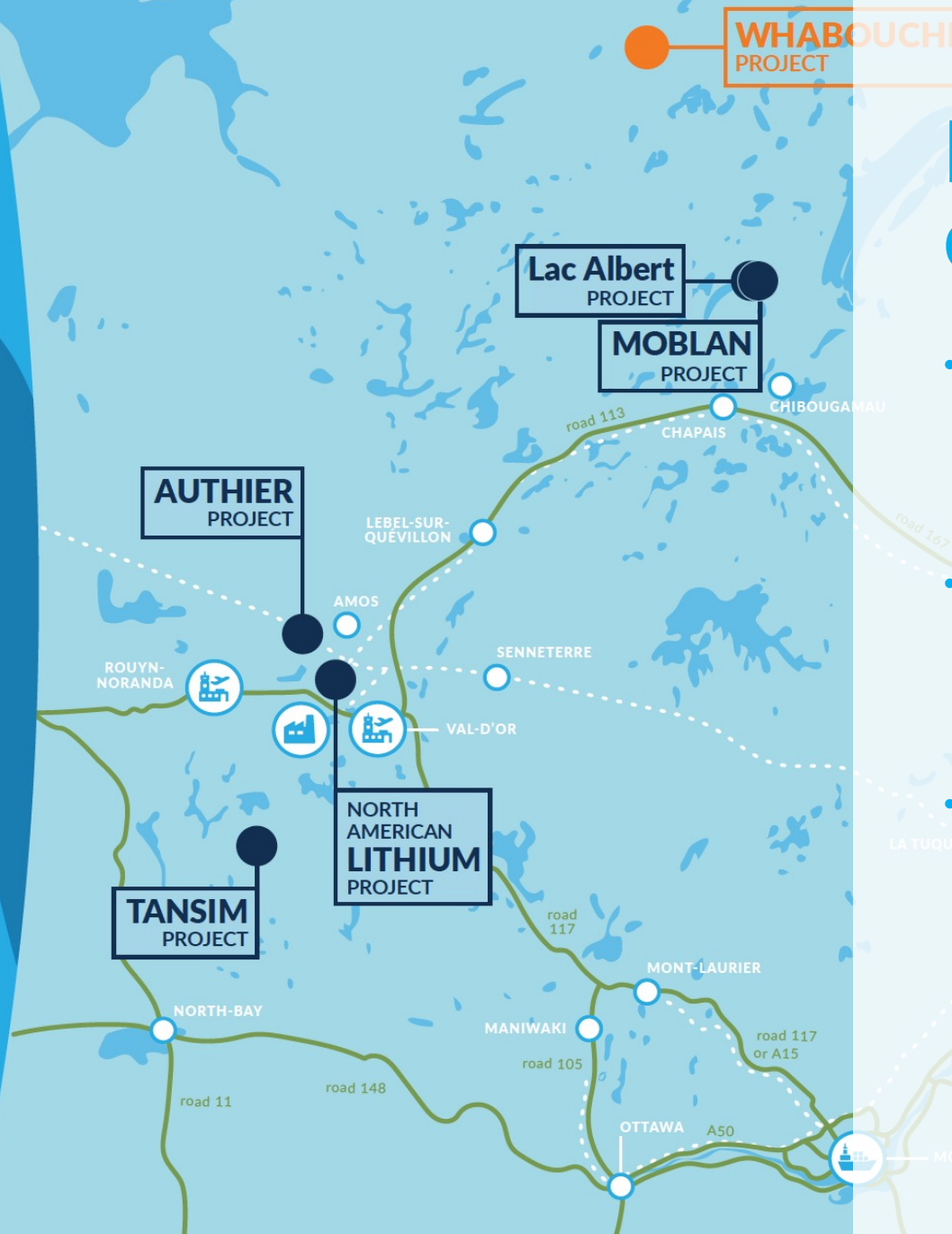
Authier advancing towards production

- Regulatory approvals expected within 2022; talks ongoing with Environment Ministry re amendments to BAPE process to reflect Authier integration with NAL i.e. no concentrator
- Resource review (NI 43-101 conversion to JORC) due February 2022
- Upgraded definitive feasibility study due February 2022
- Novonix battery performance test results due March 2022



Northern Hub developing

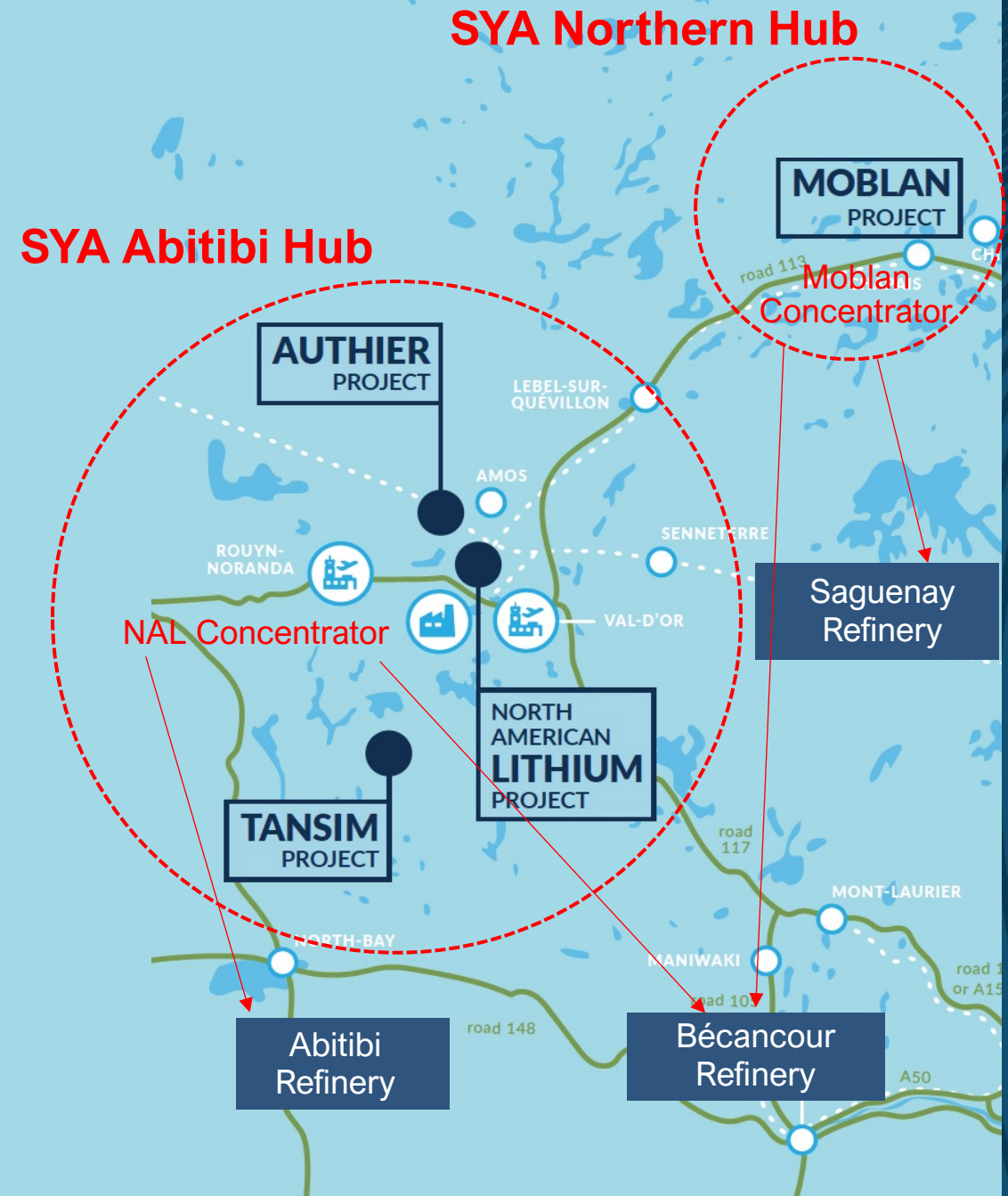
- Moblan drilling program underway to expand resource base; 55 drill holes totalling around 9,000m, due for completion March 2022
- Acquisition of 121 new claims adjacent to Moblan (Lac Albert); claims to be assessed for lithium mineralisation during Northern Hemisphere summer
- Planning underway to form northern Québec hub, targeting producing >25,000t LCE (lithium carbonate equivalent) by 2027



Moblan + Abitibi

World-scale lithium supply chain

- Sayona's Abitibi Hub expected to be the most sustainable and cost-effective lithium production in North America
- Moblan expands Sayona's lithium supply capacity while providing a gateway to Northern Québec resources
- Combined Sayona Québec hubs will be a leading force in the North American lithium market. Sayona aims to produce:
 - Abitibi Hub: 220kt of Spodumene 6% or 30kt LCE
 - Sayona Northern Hub (Moblan): 200kt Spodumene 6% equivalent or 25kt LCE
- Several potential refinery locations under review



WA gold drilling

A\$2.7M budget and work program for CY22:

Mt Dove – 3,500m air-core and RC drilling, follow-up drilling

Deep Well – 3,500m air-core and RC drilling, follow-up drilling

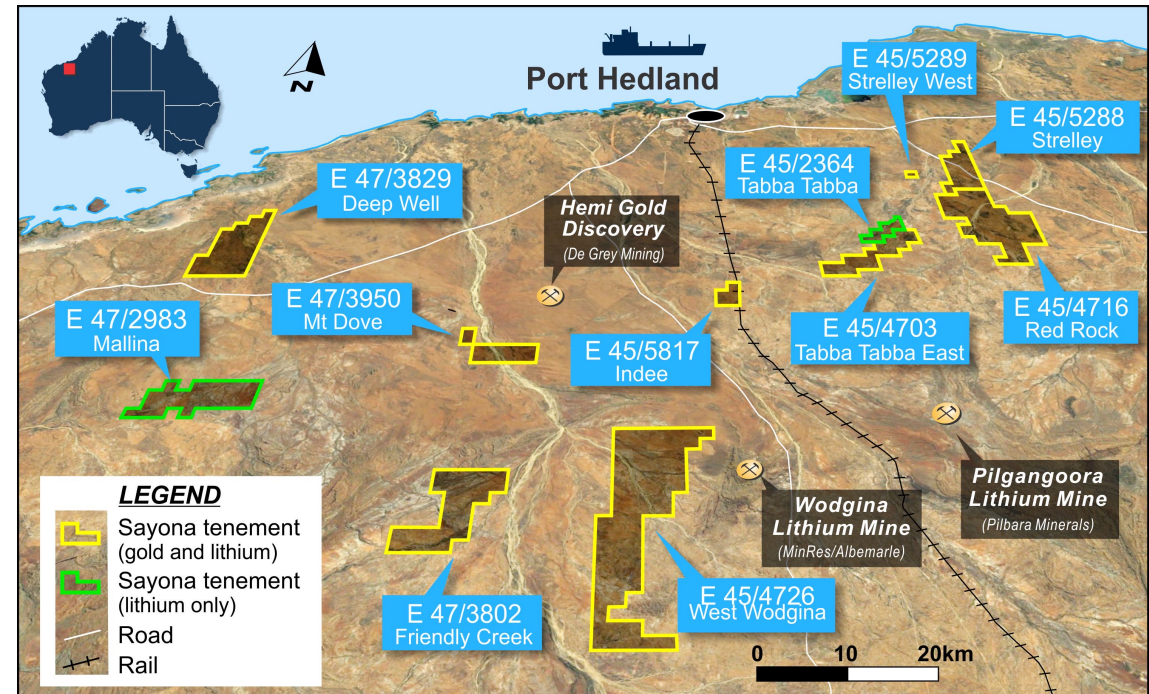
Tabba Area (gold) – airborne geophysics, 2,000m air-core drilling

Wodgina – airborne geophysics, 1,000m air-core drilling

Friendly Creek – airborne geophysics

Tabba Tabba (lithium) – 600m RC drilling

East Kimberley (graphite) – 250m diamond drilling



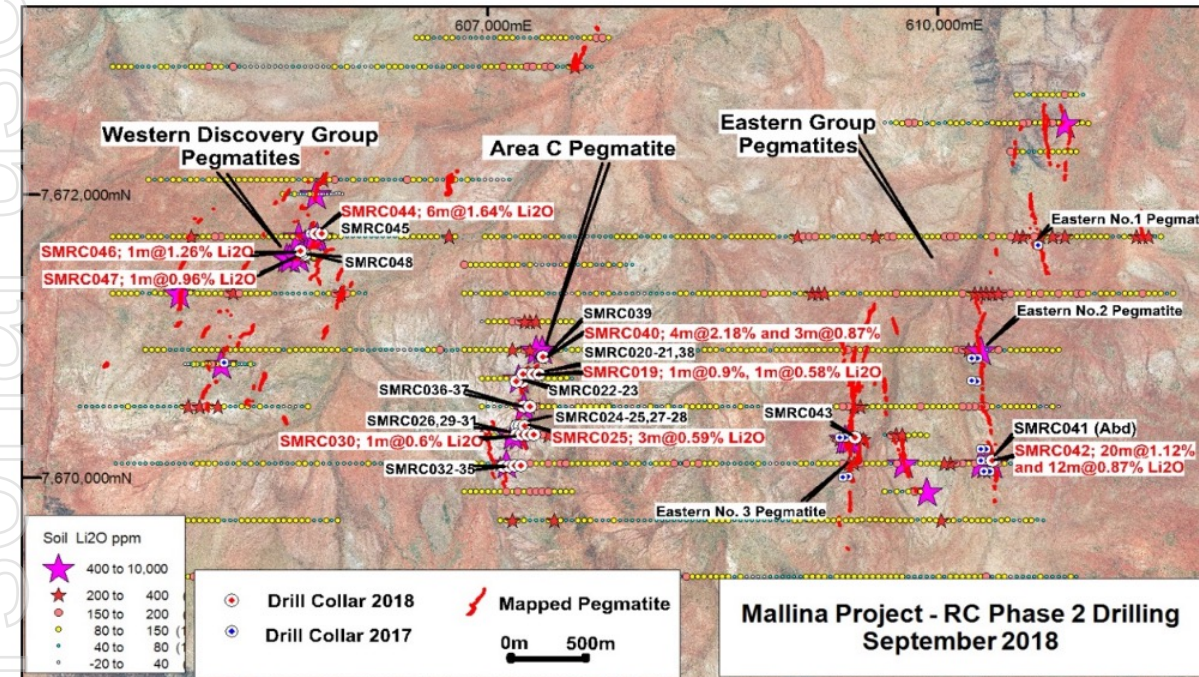
COMPETENT PERSON STATEMENT

The information in this report is based on information compiled by Simon Attwell, a Competent Person, and who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Attwell is an employee of Attgold Pty Ltd ("Attgold") which provides geological services to Sayona.

Mr Attwell has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Attwell consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Morella lithium earn-in

- Under earn-in agreement, Morella Corporation (ASX:1MC) (previously Altura Mining) to spend A\$1.5M on exploration over three years to earn 51% interest in lithium leases
- Morella's initial focus on Mallina project, with drilling planned for 1st half 2022



- Previous drilling by Sayona in 2018 returned spodumene pegmatites, incl. 4m @ 2.18% Li₂O
- Morella exploration and drilling program:
 - Initial program focused on 3 discrete drillhole locations
 - Drillholes will target intersections approximately 500m down dip of the mapped surface outcrops
 - In parallel with exploration planning, engagement commenced with both Traditional Owners and Pastoralists
 - Current program expected to be completed by end of June 2022.

Q&A



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