



Building Ontario's first integrated lithium business

INVESTOR PRESENTATION | September 2025

ASX **GT1**

An aerial photograph showing a dirt road winding through a forest. A red and black vehicle is parked on the road, and a white car is visible further down the road. The forest is dense with green trees and shrubs.

INDIGENOUS PARTNERS ACKNOWLEDGEMENT

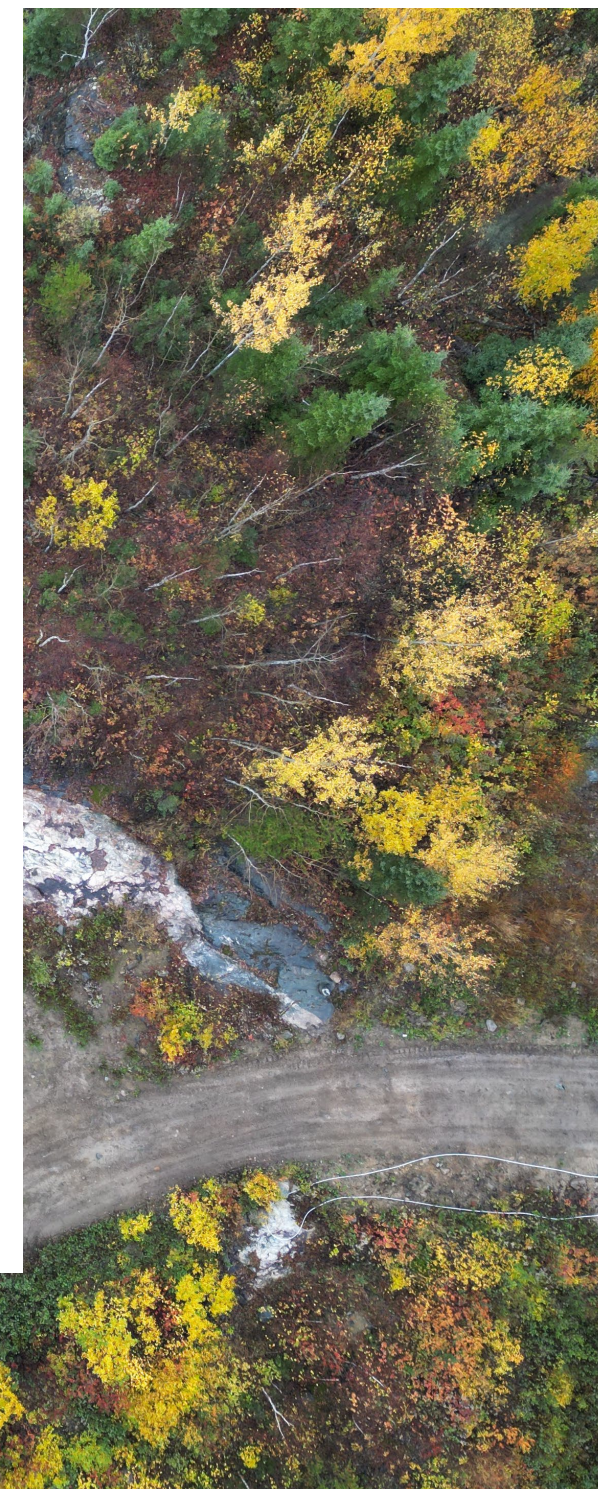
We would like to say Gchi Miigwech to our Indigenous partners. GT1 appreciates the opportunity to work in their Traditional Territory and remains committed to the recognition and respect of those who have lived, travelled, and gathered on the lands since time immemorial.

Green Technology Metals is committed to stewarding Indigenous heritage and remains committed to building, fostering, and encouraging a respectful relationship with Indigenous Peoples based upon principles of mutual trust, respect, reciprocity, and collaboration in the spirit of reconciliation.



Why Invest in GT1?

- ✓ **Undervalued:** Circa \$80M invested in project development to date with +**30Mt** lithium defined resource – no attributable value for Root lithium project
- ✓ **Strategy** – Low capex, medium scale staged projects that can be bought into production with great existing infrastructure, roads & access
- ✓ **Advanced:** Studies/Permitting nearing completion – ready for the next cycle which has commenced
- ✓ **Government funding support: \$100M LOI** from EDC, CMIF Funding – **\$10M** submitted for pre-construction assistance & **\$5.4M** awarded for road upgrade
- ✓ **Location:** Highly favourable distance to port, rail & major city
- ✓ **Partners:** World leading battery material partners EcoPro & LGES
- ✓ **Team:** We are experienced project developers.....not just explorers

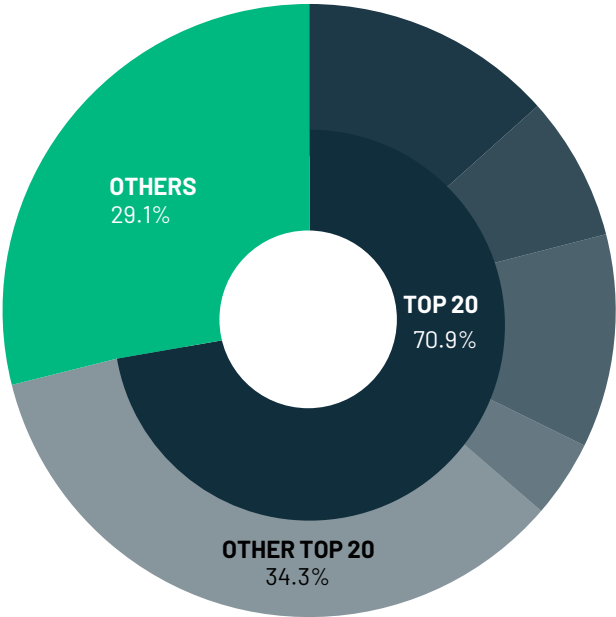






Corporate Snapshot








475.17M SHARES ON ISSUE
48.38M OPTIONS
24.05M PERFORMANCE RIGHTS

SHARE REGISTER



	ECOPRO INNOVATION	13.47%
	AMCI GROUP	7.67%
	BOARD OF DIRECTORS	11.34%
	LGES	4.57%

Board of Directors

 Cameron Henry <i>Managing Director</i>	 John Young <i>Non-Executive Chairman</i>	 Patrick Murphy <i>Non-Executive Director</i>
 Robin Longley <i>Non- Executive Director</i>	 Han Seung Cho <i>Non-Executive Director</i>	

- ✓ **Proven development track record**
- ✓ **Chairman – founder Pilbara Minerals**
- ✓ **MD – built and operated multiple Li processing facilities**
- ✓ **EcoPro Innovation representation & expertise**

As at 8 September 2025, cash balance as at 30 June 2025

3-STAGE INTEGRAED STRATEGY

Integrating mine, concentrator and
conversion facility



SEYMOUR LITHIUM PROJECT

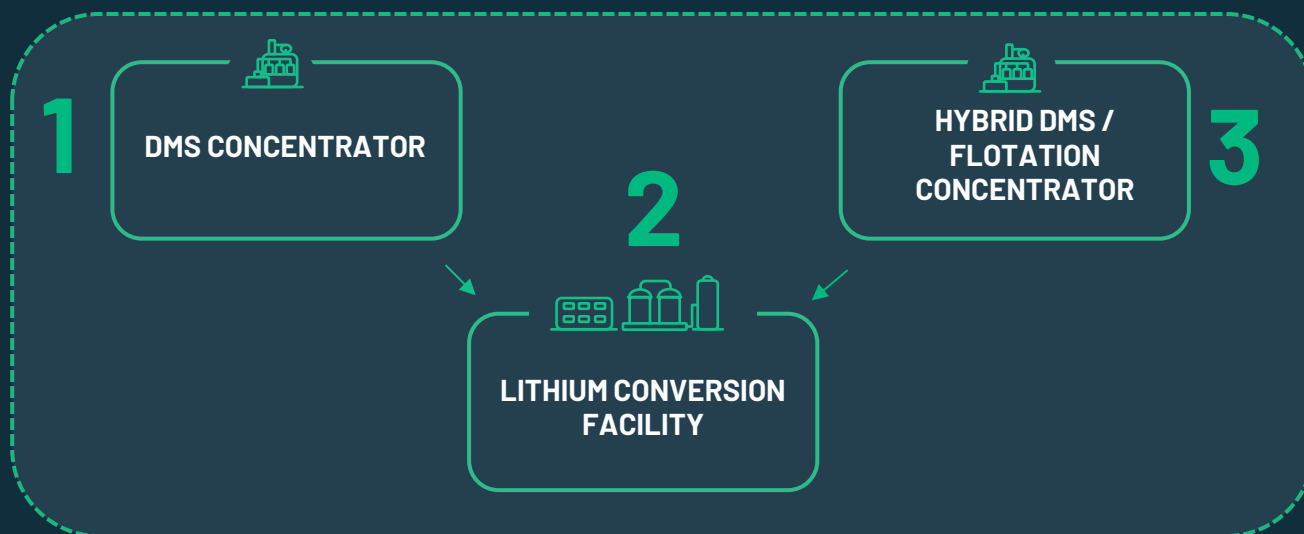
MRE: 10.3 Mt at 1.07% Li₂O
6.1Mt @ 1.25% Indicated

JUNIOR LITHIUM
PROJECT



ROOT LITHIUM PROJECT

MRE: 20.1 Mt at 1.24 Li₂O
10Mt @ 1.33% Indicated



Delivering a sustainable long-term lithium hydroxide
supply to the Canadian supply chain



Ontario – Tier 1 mining jurisdiction

Becoming a world leader in the electric vehicle revolution

- ✓ **Government Support** – Strong backing for critical minerals with push to develop supply chain strategies
- ✓ **Available Funding** – Government financing reduces capital requirements and project risk with funding available across all project development stages
- ✓ **Infrastructure** – Well serviced all-weather road networks & power availability reduce development costs and complexity
- ✓ **Domestic Supply Chain Push** – Strategic initiative for complete lithium-to-EV manufacturing with C\$45B in automaker commitments
- ✓ **Mining jurisdiction** – Several mines in production in the region with service providers and workforce available locally and mining well understood



MD Cameron Henry at NRCan Japan-Korea Critical Minerals trade mission August 2025 – Canadian Embassy in Tokyo

Government support & funding opportunities

Stage 1 – Seymour

- ✓ **CMIF Round 1** – \$5.4m awarded
- ✓ **C\$100m LOI EDC**

Submissions

- **CMIF Round 2** – \$6.34m

Stage 2 – Conversion

- **Invest Ontario – Critical Minerals Processing Fund**
- **Strategic Innovation Fund**
- **Canada Growth Fund**

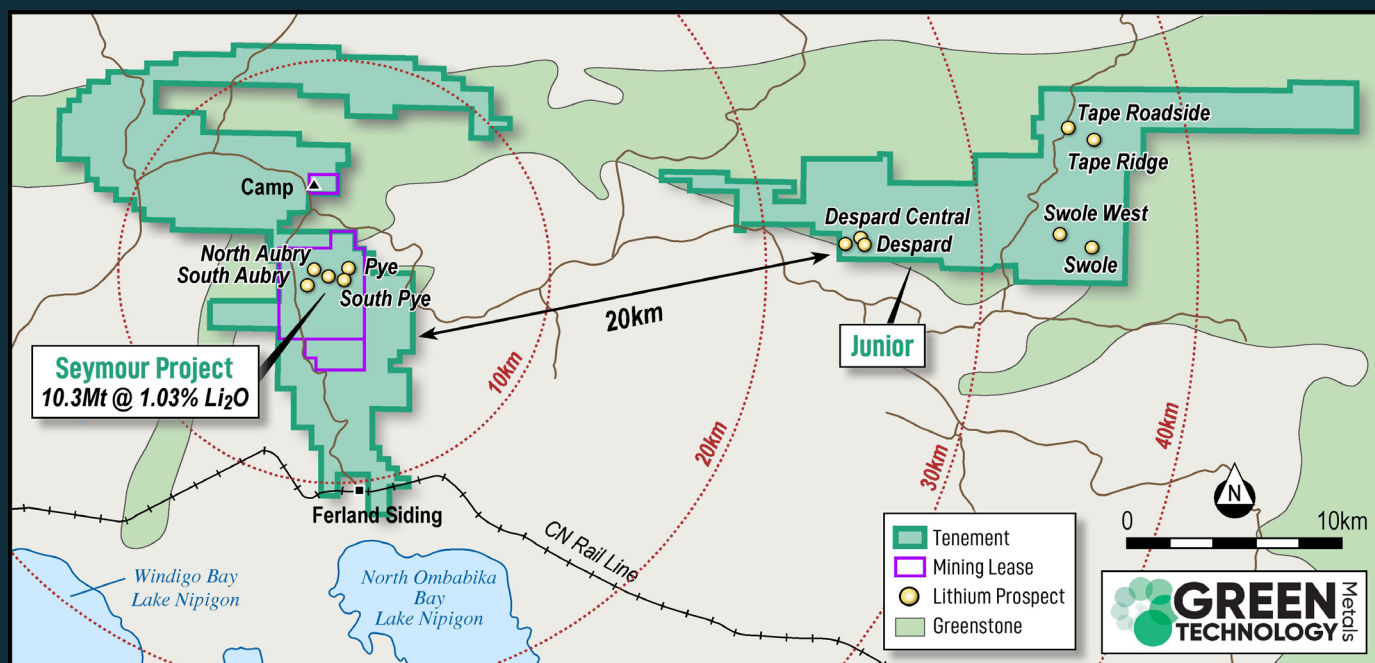
Stage 3 – Root

Submissions

- **CMIF Round 2** – \$4.95m

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SEYMOUR LITHIUM PROJECT



- ✓ Low hurdle into production - Capex, processing risk, location
- ✓ Advanced project – Drilling complete, DFS nearing completion
- ✓ Strong stakeholder backing – Permitting nearing completion

SIMPLE STARTER PROJECT

10.3 Mt

Total Resource @ 1.07%

59%

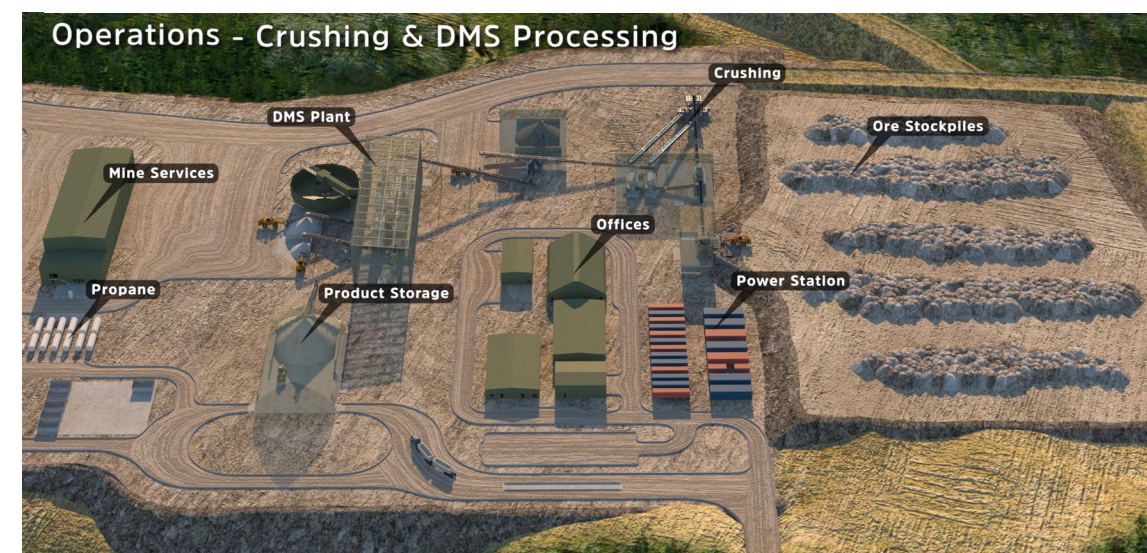
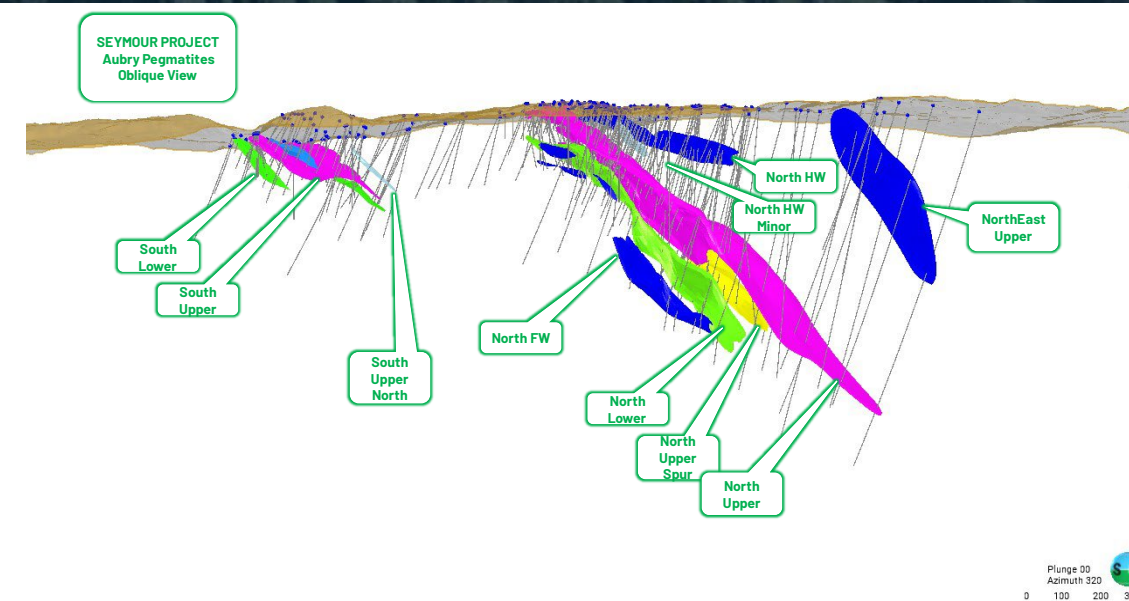
Indicated

US\$251M
After tax NPV

+ 7 year mine life

Further exploration upside

- ✓ **Advanced Development:** Major spend completed, Seymour drilling complete, DFS nearing completion
- ✓ **Focus on Permitting:** Majority complete
- ✓ **Low Cost:** Starter project economical at current spot pricing
- ✓ **Infrastructure Advantage:** Close to highways, rail, port, and local services → lower costs & faster delivery
- ✓ **Multiple Catalysts:** DFS → FID → construction → first production
- ✓ **High Value-Added By-Products:** One of the world's largest Rubidium resources
- ✓ **Offtake Security:** 25% of Seymour production secured with LGES



OPTIMISED SEYMOUR PEA

US
\$122M

Average Annual EBITDA

US
\$251M

After -tax NPV

33%

After -tax IRR

US
\$680

Average Per Tonne SC5.5 C1 Cost
FOB Thunder Bay

3.5 year

Payback Period

130K

Average Annual Production
Tonnes of SC5.5 spodumene concentrate



Revised optimisation and mine development

includes both open pit and underground mining operations,
reducing strip ratios and mining costs

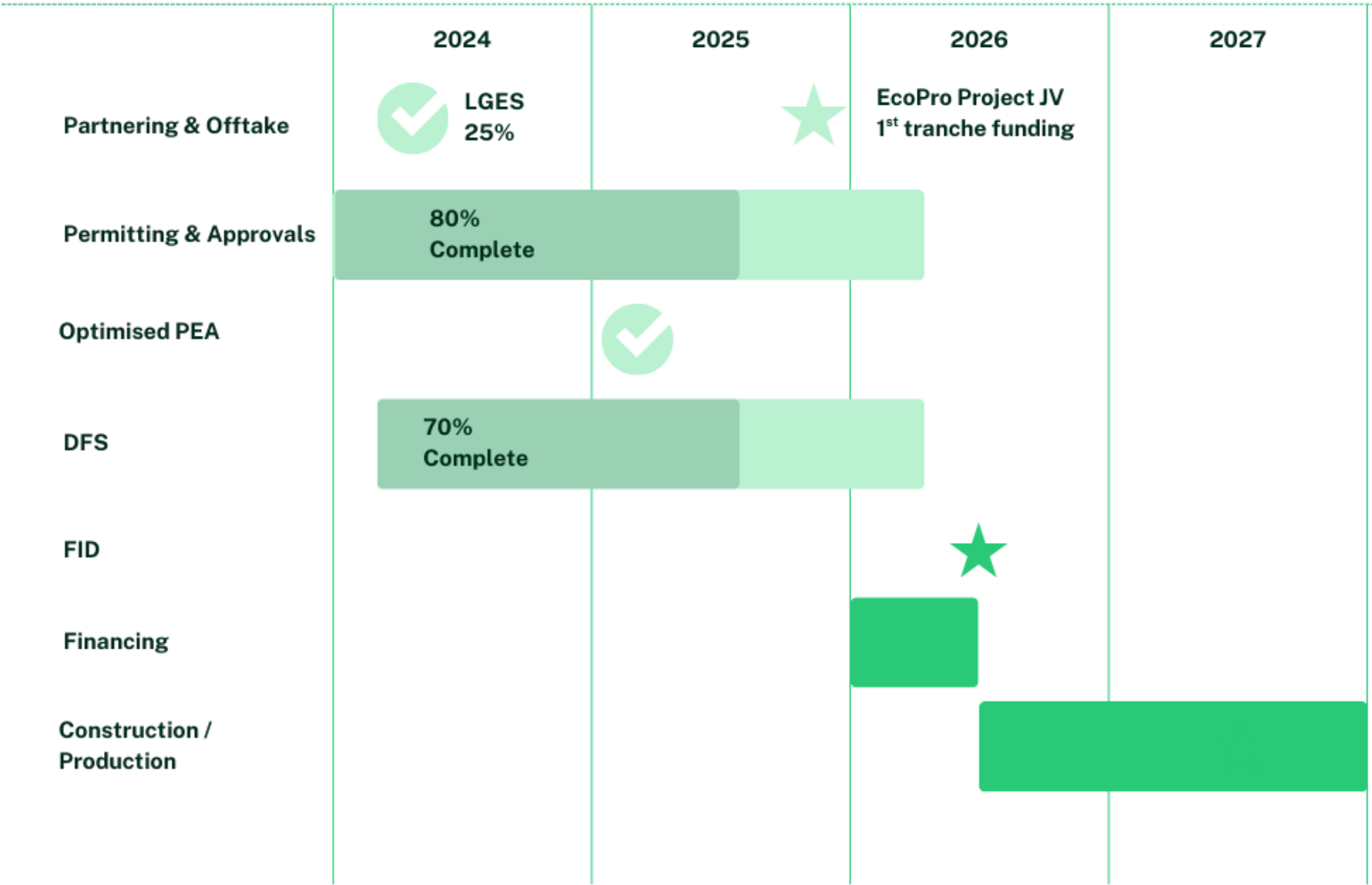


Additional mineral resources expected

Exploration drilling at nearby Junior Project to add to overall
project length/economics

SEYMOUR PROGRESS AND TIMELINE

The next project into production in Canada



Permitting

- ✓ **Mining lease granted over proposed mining and processing areas**
 - Secured from the Ontario Ministry of Mines
- ✓ **Provincial permitting requirements only** – determined by federal Impact Assessment Act
- ✓ **Environmental Assessment Submission complete**– Defines project impact and requirements.
- ✓ **Closure Plan** – Nearing completion with final comments and amendments being considered
- ✓ **Indigenous Engagement Progressing** – Consultation progressing with all groups, closure plan environmental reviews nearing completion

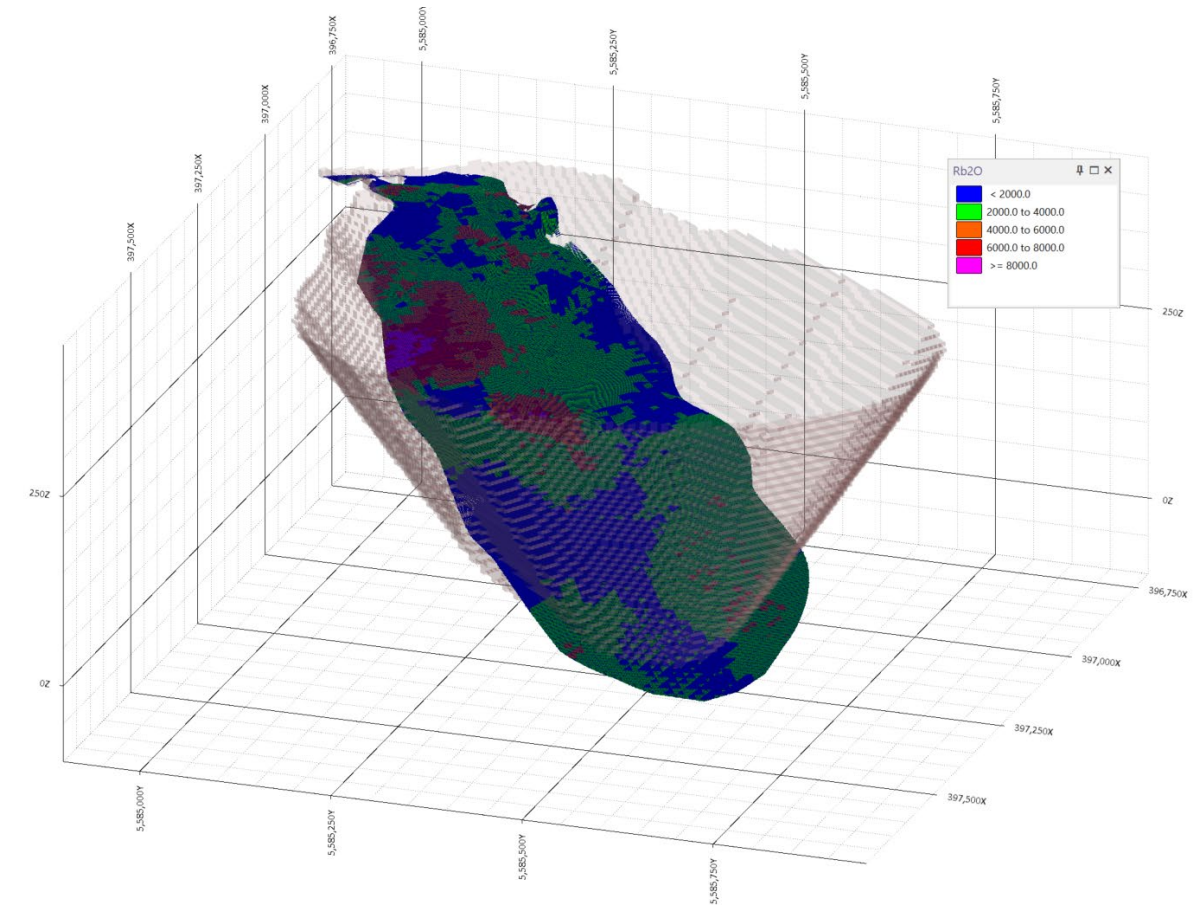
The timetable is indicative and subject to change

VALUE-ADDING BYPRODUCT - RUBIDIUM

Maiden Rubidium resource at the Seymour project

- **8.3 million tonnes at 0.27% Rb_2O** (6.2Mt Indicated at 0.27% and 2.1Mt Inferred at 0.25%), containing approximately **23,000 tonnes of Rubidium oxide (Rb_2O)**
- A high-grade component of **3.4 million tonnes at 0.40% Rb_2O** , containing approximately **13,600 tonnes of Rb_2O**
- **Global significance:** Among the largest reported Rubidium resources worldwide, distinguished by scale, grade & confidence
- **Premium pricing:** Rubidium trades at a significant premium to lithium
- **Flowsheet advantage:** Hosted in muscovite mica already separated during lithium processing – can be incorporated into the existing flowsheet with minimal additional processing
- **By-product potential:** Historic test work shows Rb grades up to 1.3% in mica-rich waste streams
- **Strategic value:** Provides a sustainable, low-cost revenue stream that enhances Seymour's project economics while supporting GT1's lithium growth strategy

What is Rubidium: Rubidium is a rare, high-value critical mineral used in fiber optics, specialty glass, biomedical research, and atomic clocks. With limited supply and strong demand, it trades at a premium to lithium and offers strategic by-product potential.



Rb₂O distribution compared with the USD4000 pit shell from the November 2023 Mineral Resource Estimate.

2

LITHIUM CONVERSION FACILITY



- ✔ Strategic partnership with leading battery materials producer
- ✔ Preferred Site Selected
- ✔ Government Funding applications submitted

PROGRESS

Delivered

- ✓ Strategic Partnership with EcoPro Innovation (EcoPro) – formal cooperation agreement nearing completion
- ✓ Formation of integrated project study teams from GT1 and EcoPro
- ✓ Pilot Test work completed at EcoPro's South Korean Pohang facility to producing battery grade lithium hydroxide from Seymour ore
- ✓ A Letter of Intent (LOI) has been signed for exclusive access to the preferred Thunder Bay site
- ✓ Significant technological advancements in the engineering of the proposed Lithium Hydroxide Monohydrate (LHM) conversion plant
- ✓ Active discussions with Invest Ontario continue regarding funding support for the Conversion Facility

Strategic location offers easy access to transportation routes and includes existing infrastructure such as:

- Rail spur connected to the main rail line
- Municipal water and natural gas supply
- 44kV electricity supply
- Access to operating port



PILOTING OF SEYMOUR CONCENTRATE SUCCESSFULLY PRODUCES BATTERY GRADE LIOH

- GT1 with its Partner, Korean battery materials producer, EcoPro Innovation, have successfully produced battery grade Lithium Hydroxide, meeting benchmarked end user specifications from GT1's Seymour spodumene bulk sample
- 600kg of Seymour concentrate processed through pilot scale facility confirming EcoPro Innovation process flowsheet, producing exceptional overall recoveries averaging >94%
- Battery grade 56.5% LiOH.H2O product achieved with low impurities readily acceptable under EcoPro Innovation's product specifications utilising conventional sulfation route flowsheet and EcoPro in-house process knowledge and IP
- Concentrated spodumene from Seymour highly amenable to various process steps indicating lower end of operational costs to remove required impurities
- Successful piloting program will be used in Pre-Feasibility Study (PFS) development and marketing samples for additional future offtake agreements

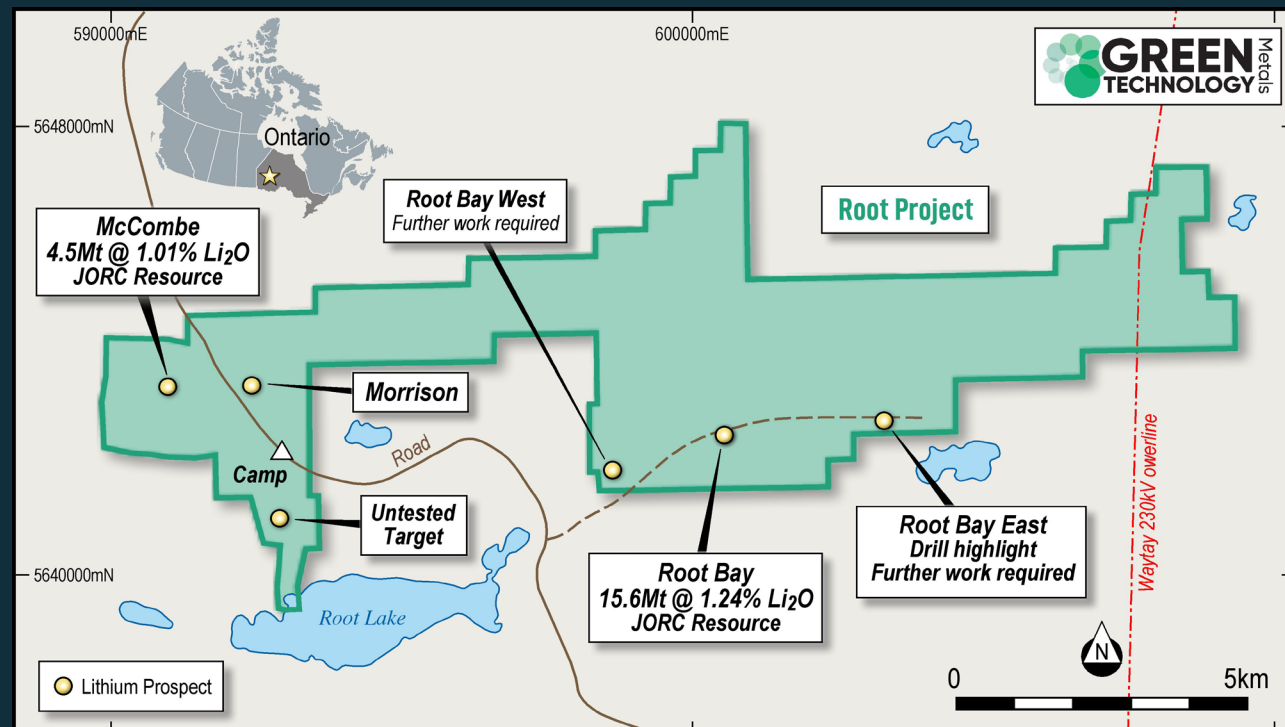
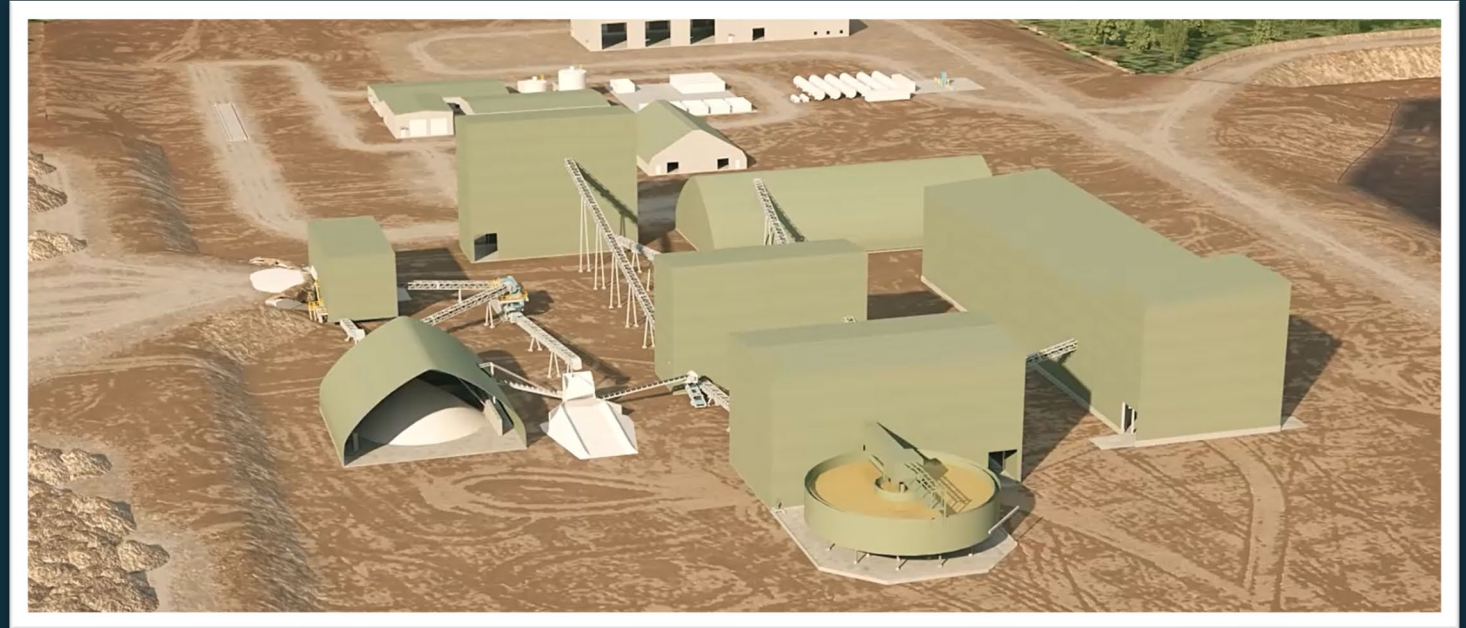
Element	LiOH		Li ₂ CO ₃	Na	Ca	Mg	Fe	Zn	Cu	Cr	Si	S
Result	56.5%	mg/kg	4,889	14	0.1	0	0	0	0	0	0.1	9

Table 1: Results of Lithium Hydroxide Monohydrate Purity Analysis



3

ROOT LITHIUM PROJECT



- ✓ **Long-term feed source**
+10 year mine life for long-term feed to the planned lithium conversion facility
- ✓ **Further exploration upside**
Several follow-up targets remain at Root, with additional potential at Root Bay, which remains open both down-dip and along strike
- ✓ **Robust Project economics**
highlights the project's strategic importance in the Canadian battery materials landscape

STRONG PROJECT ECONOMICS – PERMITTING UNDERWAY

20.1 Mt

Total Resource @
1.24%

10.0 Mt

Indicated @ 1.32%

US\$668M
After tax NPV

+ 10 year mine life

**Further exploration
upside**

- ✓ **Updated PEA**
Completed
- **Project Definition**
pre-submission and consultation with
Government agencies
- **PFS**
commencing in 2026
- **Project Timeline**
potential to construct in late 2027
- **Test Work**
bulk Sample complete, lab work planned
for 2026 to produce concentrate to be
shipped to EcoPro for conversion test
work
- ✓ **New Government policies**
streamlining permitting & potentially
shortening timeline



INFRASTRUCTURE ADVANTAGES

Power & Utilities

- 100% green low-cost hydro-power
- Indigenous owned Watay powerline runs through the project site – no new infrastructure required
- Direct connection to Ontario grid ensures reliable power from day one
- Eliminates major capex and reduces development timeline making a low-cost operation

Transportation

- Road access to existing highway network
- Rail connections to Thunder Bay port facilities
- Established corridors reduce logistics costs and complexity
- Strategic location to feed GT1 proposed conversion facility

Services & Workforce

- Access to established mining workforce in Northwestern Ontario
- Proximity to Thunder Bay for technical services and supplies
- Established mining service provider network for equipment and maintenance support



OPTIMISED ROOT PEA

US
\$234M

Average Annual EBITDA

US
\$668M

After -tax NPV

53.5%

After -tax IRR

US
\$677

Average Per Tonne SC5.5 C1 Cost

3 year

Payback Period

213K

Average Annual Production

Tonnes of SC5.5 spodumene concentrate



Favourable economics across alternative mine development scenarios

includes both open pit and underground mining operations, reinforcing Root as a viable and resilient standalone operation.



Long-term feed source to the planned lithium conversion facility

Significant exploration upside to further increase resource base through future exploration at Root Bay

ROOT RESOURCE GROWTH

Root Bay Deposit Expansion

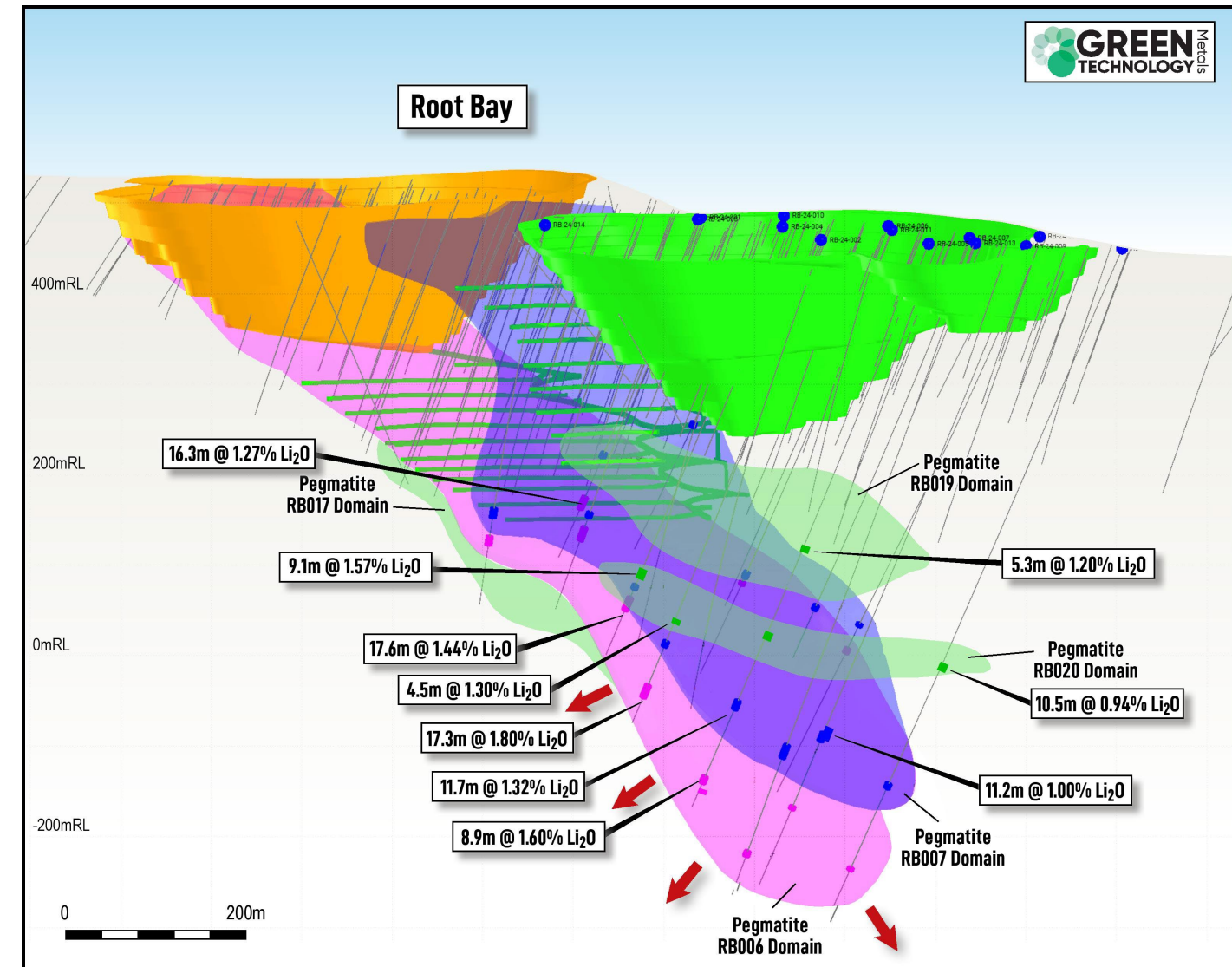
- Diamond drilling increased MRE tonnes and lithium content by 55%
- Pegmatites remain open to the south in highest grade, thickest zones
- Future drilling targeting southern extension for further MRE growth
- Infill drilling to upgrade Inferred resources to Indicated category

Root Bay

- High-grade intercepts confirmed up to 23 metres thick
- Similar characteristics to Root Bay Deposit confirmed
- Potential for deposit repetition at Root Bay East
- Limited follow-up completed with one pegmatite showing economic potential further exploration planned for future programs

Strategic Value

- Multiple exploration targets provide ongoing value creation opportunities
- Resource expansion potential supports long-term mine life extension
- Exploration upside enhances conversion facility feed security
- Geographic clustering reduces infrastructure and development costs



KEY CATALYSTS NEXT 18 MONTHS

Q4 2025

Seymour permitting milestones

Q1 2026

Seymour closure plan submission and approvals

Q2 2026

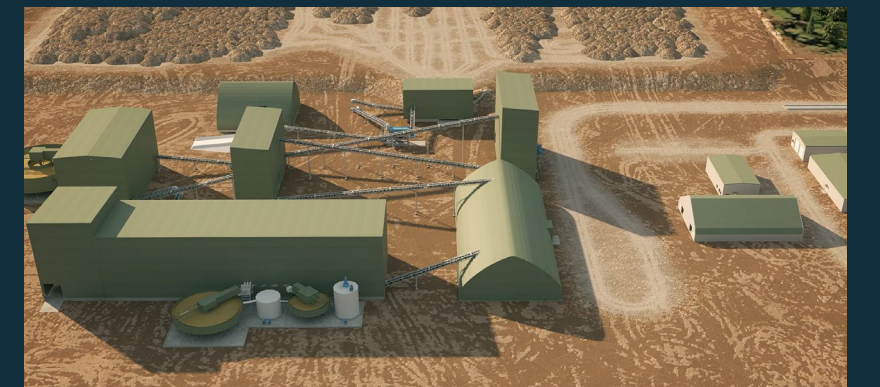
Completion of Seymour DFS, FID

Q3 2026

Construction start Seymour

Near-term milestones

- ✓ **EcoPro JV:** Formal corporation agreement completion
- ✓ **CMIF Approvals:** Additional infrastructure government funding approvals for both Seymour and Root
- ✓ **Permitting and Approvals:** Seymour construction permits
- ✓ **Further offtake contracts:** 75% of Seymour remaining to be contracted and by-product potential
- ✓ **Piloting Test work Root:** at EcoPro Facilities
- ✓ **Seymour project level investment and financing**
- ✓ **PFS Conversion Facility**



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ASX GT1



APPENDIX | MINERAL RESOURCE ESTIMATE

Project	Tonnes (Mt)	Li ₂ O (%)
Root Project		
<i>Root Bay Open pit</i>		
Indicated	5.8	1.28
Inferred	0.1	0.73
<i>Root Bay Underground</i>		
Indicated	4.2	1.37
Inferred	5.5	1.24
<i>McCombe</i>		
Inferred	4.5	1.01
Root Total	20.1	1.24
Seymour Project		
<i>North Aubry</i>		
Indicated	6.1	1.25
Inferred	2.1	0.8
<i>South Aubry</i>		
Inferred	2.0	0.6
Seymour Total	10.3	1.07
Combined Total	30.4	1.17

For full details of the Seymour Mineral Resource estimate, see GT1 ASX release dated 21 November 2023, *Seymour Resource Confidence Increased - Amended*. For full details of the Root Mineral Resource estimate, see GT1 ASX release 18 October 2023, *Significant resource and confidence level increase at Root, Global Resource Inventory now at 24.5Mt*. The Company confirms that it is not aware of any new information or data that materially affects the information in that release and that the material assumptions and technical parameters underpinning this estimate continue to apply and have not materially changed.

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Confirmation Statement – Preliminary Economic Assessment – The production targets and forecast financial information disclosed in this Announcement is extracted from the Company's ASX announcement entitled "Preliminary Economic Assessment delivers strong economics & mining lease granted for Seymour", dated 7 December 2023. The Company confirms all material assumptions underpinning the production targets and forecast financial information derived from the production targets in the initial announcement continue to apply and have not materially changed.

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The information in this report relating to the Mineral Resource estimate for the Seymour Project is extracted from the Company's ASX announcement dated 17 and 21 November 2023. GT1 confirms that it is not aware of any new information or data that materially affects the information included in the original announcement and that all material assumptions and technical parameters underpinning the Mineral Resource estimate continue to apply.

The information in this report relating to the Mineral Resource estimate for the Root Project is extracted from the Company's ASX announcements dated 3 April 2025. GT1 confirms that it is not aware of any new information or data that materially affects the information included in the original announcement and that all material assumptions and technical parameters underpinning the Mineral Resource estimate continue to apply.