

# INVESTOR PRESENTATION

Building a sustainable,  
North-American focused  
lithium business

November 2021

**GT1 : ASX**



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# THE Ontario Lithium Project

## Three deposits in North America

Green Technology Metals to hold up to 80%

Currently GT1 51% & Ardiden Ltd 49%<sup>1</sup>

### 1 SEYMOUR

4.8Mt Resource in accordance with the JORC Code 2012 Edition<sup>2</sup>

### 2 ROOT

Exploration Target, dense pegmatite swarm on a granted mining lease

### 3 WISA

Exploration Target strategically located 8km from the US border



1. The Company currently holds a 51% interest in the Projects under a joint venture with Ardiden Limited (ASX: 'ADV'). GT1 can acquire up to 80% interest in the Projects for the following consideration:

A\$3.5 million cash and/or GT1 shares, 12-months post ASX listing

Please refer to the Company's Prospectus dated 16 September 2021 for further details.

2. See Appendix Resource Estimate

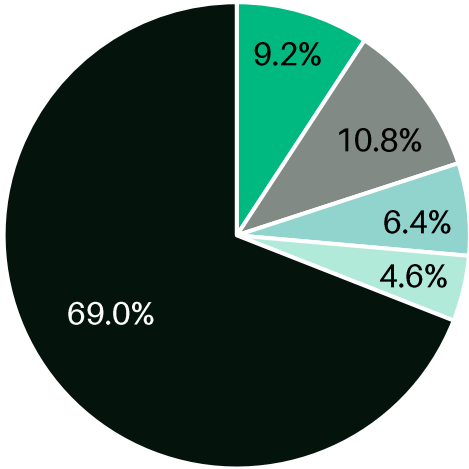
# Corporate Snapshot

## CAPITAL STRUCTURE | ASX:GT1

|  |            |
|--|------------|
| IPO price per share                        | A\$0.25/sh |
| Gross proceeds of the initial public offer | A\$24.00M  |
| Total number of shares at listing          | 197.50M    |
| Market capitalisation at listing           | A\$49.38M  |
| Net cash                                   | A\$20.55M  |
| Enterprise value at listing                | A\$28.83M  |



## REGISTER



■ Board and Management ■ AMCI ■ Primero ■ Ardiden ■ Other

# INVESTMENT Highlights



**BEST IN CLASS TEAM AND PARTNERS**



**STRONG ESG CREDENTIALS**



**STRATEGIC LITHIUM PROJECTS**



**FAST TRACK DEVELOPMENT STRATEGY**



**SUBSTANTIAL EXPLORATION UPSIDE**

# BEST IN CLASS Board and Management Team

Track record of successfully delivering lithium projects



**JOHN YOUNG**  
Chairman

- Highly experienced geologist
- Co-founder and Executive Director of Pilbara Minerals Ltd
- Current Non-Executive Director of Bardoc Gold and Trek Metals



**CAMERON HENRY**  
Non-Executive Director

- Founding MD of Primero Group
- Over 20 years experience in development and delivery of global minerals processing, energy and NPI projects



**LUKE COX**  
Chief Executive Officer

- Geologist and mine manager with 25 years experience in the mining industry
- Global exploration, mining and financing experience across commodities including lithium, nickel and cobalt



**PATRICK MURPHY**  
Non-Executive Director

- Managing Director at AMCI Group, an experienced investment firm with a portfolio of exploration and development interests
- 14 years experience gained at AMCI and investment bank, Macquarie



**ROB LONGLEY**  
Non-Executive Director

- Geologist with +20 years experience in global resources across a range of commodities
- CEO/MD of Ardiden Ltd, previous GM Geology at Sundance Resources



**MATT HERBERT**  
General Manager North America

- Exploration Manager and OPF Processing Manager with +20 years experience
- 14 years with Rio Tinto and FMG in management roles



**JOEL IVES**  
Company Secretary

- Finance and business advisory executive
- CFO and Company Secretarial services specialist



# BEST IN CLASS Proven Strategic Partnerships

Proven hard-rock lithium team supported by strategic relationships



## COMPANY

Board and  
Management

- A previous co-founder and Executive Director of a US\$2B lithium producer
- A founding Managing Director of a world leading lithium process design firm
- **Combined Board and Management represent a 9.2% shareholding**



## INVESTMENT

Global Natural  
Resources

- Invests in and operates natural resources, transportation, infrastructure, metals and energy businesses
- Expertise in supporting expansion, mergers and acquisitions and operational enhancements
- **Cornerstone stake representing a 10.8% shareholding**



## LITHIUM

Process Design,  
construction and operation

- Vertically integrated engineering group specialising in end to end delivery of global resource projects
- History of successfully designing, building and operating spodumene processing facilities globally
- **Cornerstone stake of 6.4% and world renowned for lithium expertise**

# STRONG ESG Credentials

A responsible company providing a material critical to a sustainable future

- Proximate to Hydro One hydro power interconnector providing access to environmentally responsible power
- Evaluating combination of process water recycling technologies and dry tailing stacking to minimise fresh water consumption
- Working closely with First Nations to ensure community and stakeholder engagement
- Early Exploration Agreement with Whitesand First Nations to proceed with exploration activities
- In June 2021, the US Government Office of Efficiency & Renewable Energy published a National Blueprint for Lithium Batteries<sup>1</sup> to:
  - securing access to inputs
  - supporting a U.S. materials processing base



## VISION FOR THE LITHIUM-BATTERY SUPPLY CHAIN

By 2030, the United States and its partners will establish secure battery materials and technology supply chain that supports long-term U.S. economic competitiveness and equitable job creation, enables decarbonisation, advances social justice, and meets national security requirements<sup>1</sup>

1. Retrieved 22 July 2021 from <https://www.energy.gov/eere/vehicles/articles/national-blueprint-lithium-batteries>



# STRATEGIC LITHIUM Projects

Proximity and access to converters and cathode producers

- Lithium supply security a top priority for technology companies in the United States and Asia<sup>1</sup>
- Biden administration is focused on sourcing critical minerals from neighbouring countries
- GT1 is perfectly placed to supply spodumene concentrate to a range of future converters and cathode producers located in the U.S.



1. Source – U.S. Geological Survey, Mineral Commodity Summaries, January 2021

# FAST-TRACK Development Strategy

On the fast track to resource development

- Granted mining leases over Root, exploration claims over Seymour and Wisa<sup>1</sup>
- LiDAR completed over all tenements, August 2021
- Extensional pegmatite field mapping completed, August 2021
- Preliminary pit optimisation completed over Root and Seymour
- Early desktop processing study undertaken by Primero
- Extensive road, rail and power infrastructure in very close proximity

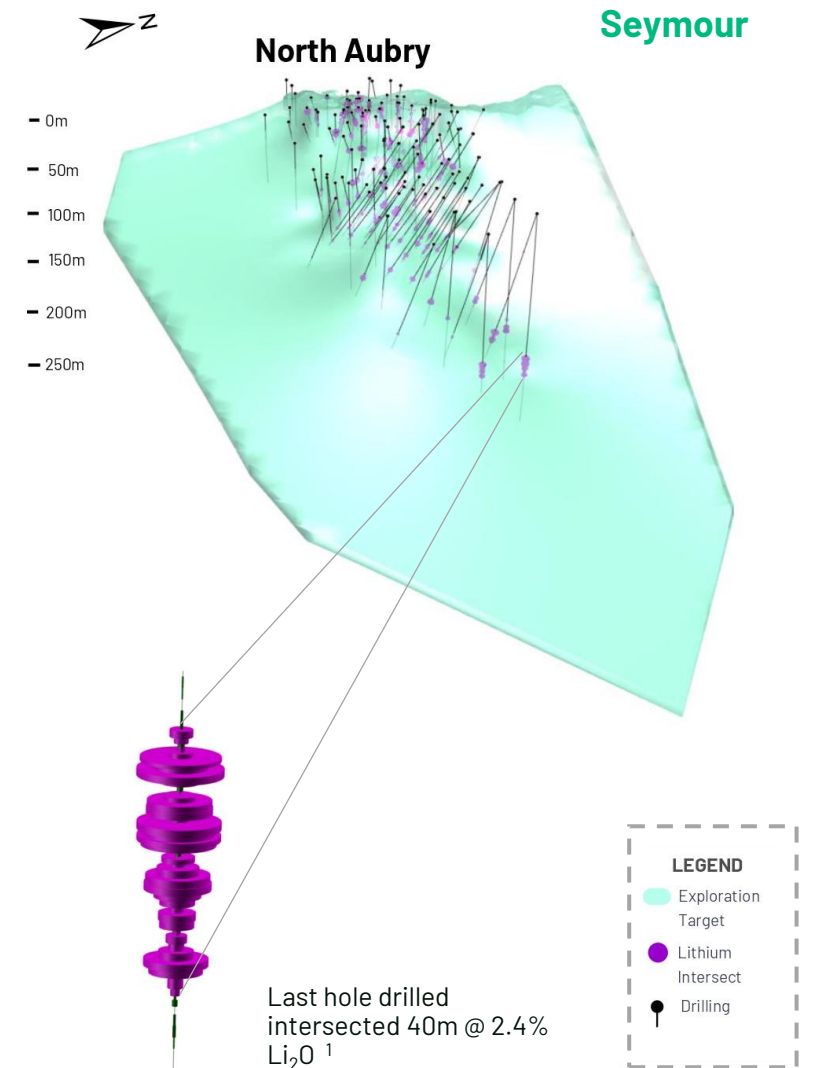


1: There are registered and unregistered royalties which are over portions of the Projects, materially including: (i) a 3% net smelter returns royalty in favour of Landore Resources Canada Inc., over 35 of the claims in the Root Project; (ii) two unregistered 1.5% net smelter returns royalties (for an aggregate of 3% net smelter return royalties) held by third parties encumber each of the Claims making up the Seymour Project; (iii) a 1% net smelter return royalty in favour of Aurico Canadian Royalties Holdings Inc. over one Claim in the Wisa Project; and a 1.5% gross revenue royalty on the projects payable to Churchill Strategic Investments Group Pty Ltd (an entity of which former Director Jeremy Robinson and current Non Exec Director Cameron Henry are controlling shareholders). Please refer to the Prospectus for further details.

# EXPLORATION Upside

Project contains substantial exploration upside...

- All tenements host:
  - Lithium bearing pegmatites within the "Goldilocks Lithium Zone"
  - Numerous mapped pegmatites un-tested at depth
  - 1 to 5km strike extensions partially covered, masking true extents
- A\$16 million of IPO funds dedicated to exploration and resource development
- Drilling at Seymour to extend current JORC Resource
- Environmental and Mining base line studies to commence at Seymour fast-tracking development



# ATTRACTIVE Metallurgy

Ability to produce coarse grained SC6 Spodumene

- IMO Pty Ltd concentrated Seymour bulk samples to >7% Li<sub>2</sub>O confirming SC6 capability<sup>1</sup>
- Seymour SC6 concentrate was converted to Lithium Carbonate
- Primero DMS desktop study highlighted:
  - Simple flow sheet design
  - Low capital and operating expenditure
  - High recoveries and high concentrate grades

Seymour  
Pegmatite  
(1.25% Li<sub>2</sub>O)

**PIT TO  
PRODUCT**

**Lithium Carbonate**



# THE ONTARIO LITHIUM PROJECT

## Asset Detail





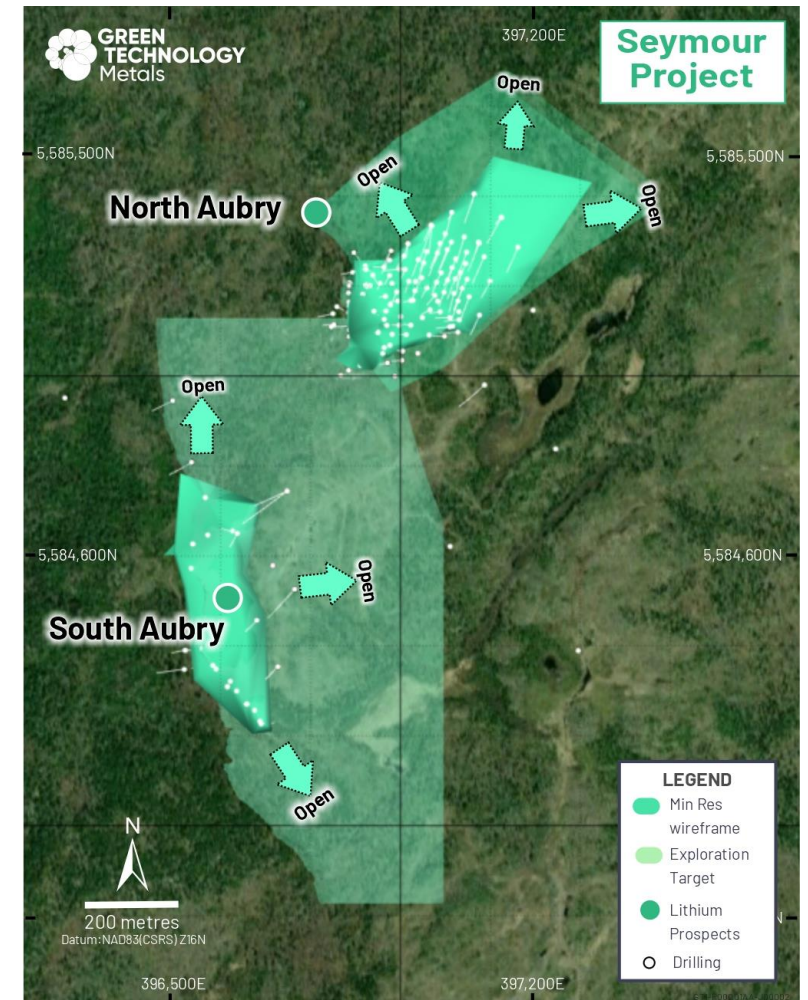
# 1 ASSET DETAIL Seymour

Initial 4.8Mt JORC Resource benefiting from a trans-continental rail siding

- JORC Resource of **4.8 Mt** @ 1.25%  $\text{Li}_2\text{O}$  and 186ppm  $\text{Ta}_2\text{O}_5$ <sup>1</sup>
- Exploration target of **22 – 26 Mt** @ 0.8-1.5%  $\text{Li}_2\text{O}$  with 7km of strike identified<sup>2</sup>

*The potential quantity and grade is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource. See Appendix Exploration Target*

- Trans-continental rail adjacent to southern end of the tenement (Ferland siding)
- Seymour within 8km of proposed Jackfish hydro electric project
- Environmental & Mining base line studies to commence at Seymour fast-tracking development
- Metallurgical bulk samples produced high-quality coarse spodumene



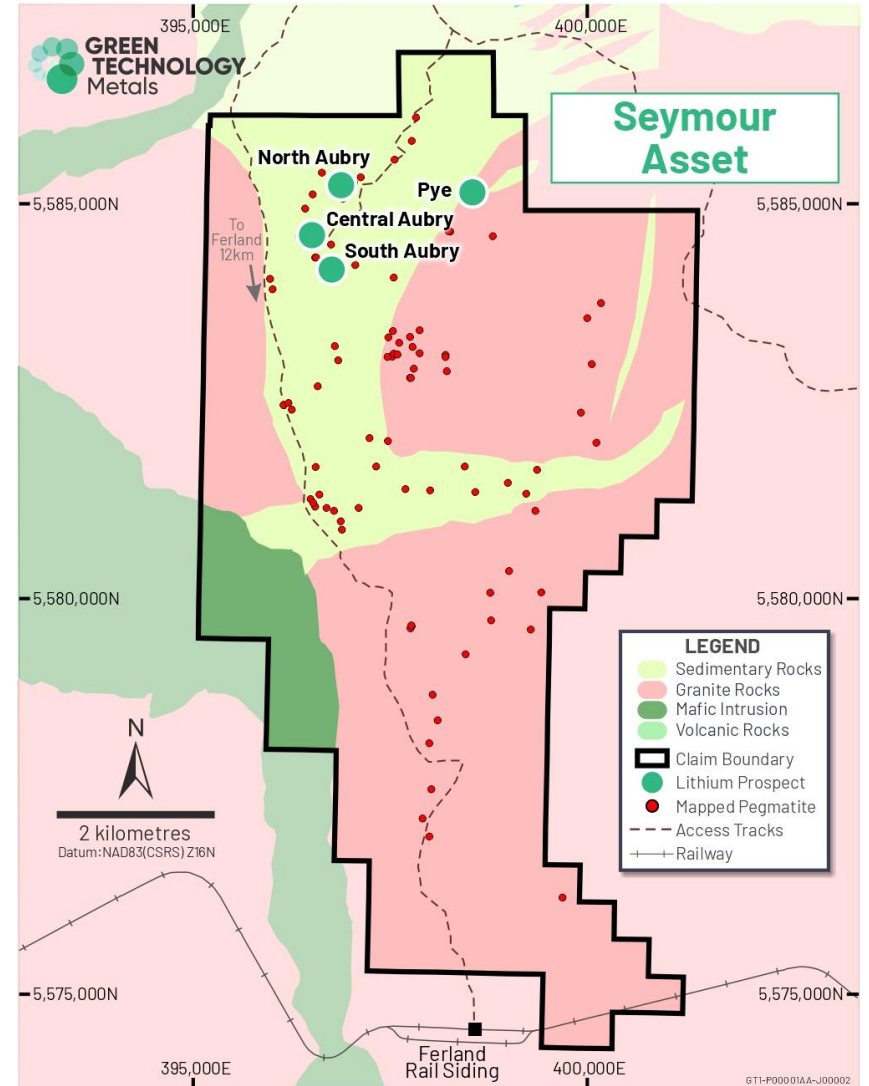
1: For further details see the Company's prospectus dated 16 September 2021. See Appendix Resource Estimate



# 1 EXPLORATION DETAIL Seymour

Exploration Target doesn't include mapped pegmatites south of Aubry

- **History** – exploration was undertaken during the last lithium cycle, but wasn't followed up due to the owners transitioning to gold at Pickle Lake
- **Surface** – outcropping pegmatites across the claim host lithium and tantalum
- **Size** – large spodumene crystals indicate favourable metallurgical conditions
- **Exploration Upside** – targets haven't been drill tested at depth



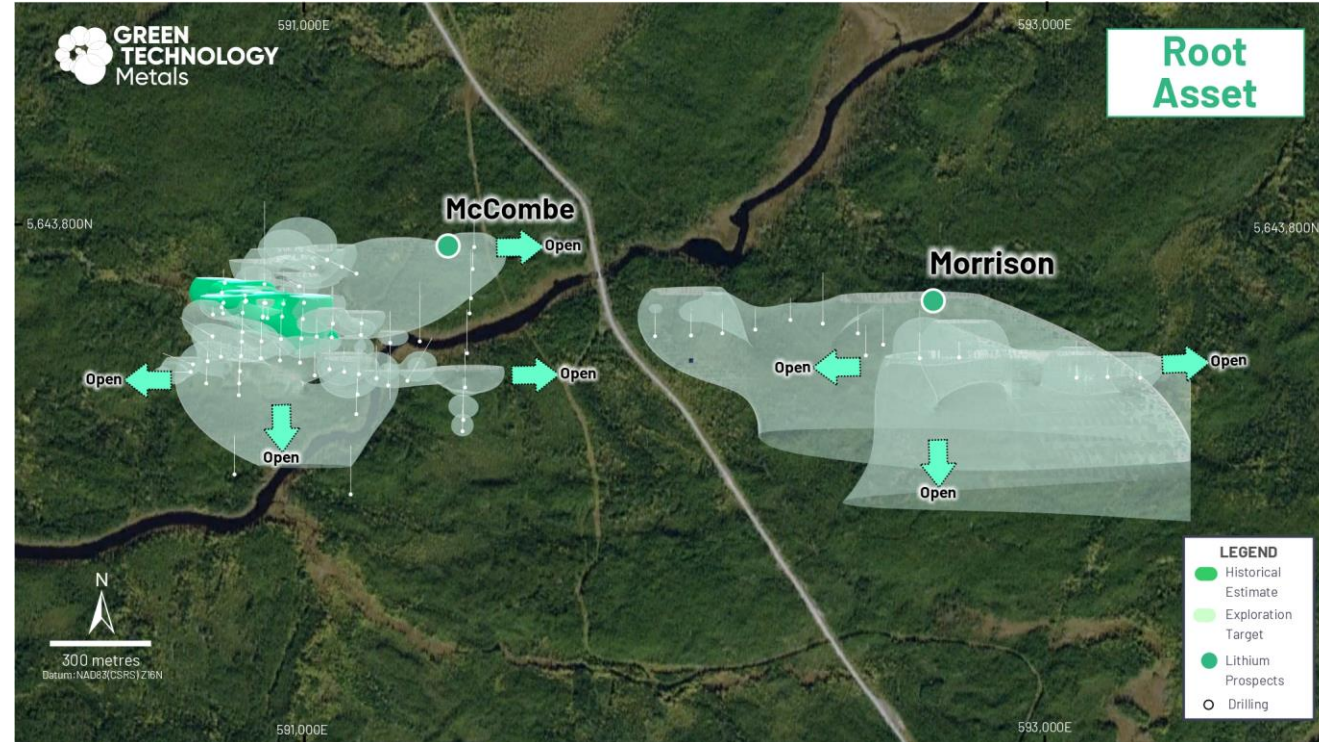
## 2 ASSET DETAIL Root

### McCombe stacked pegmatite swarm

- Exploration target **20 to 24 Mt** @ 0.8 to 1.5%  $\text{Li}_2\text{O}$

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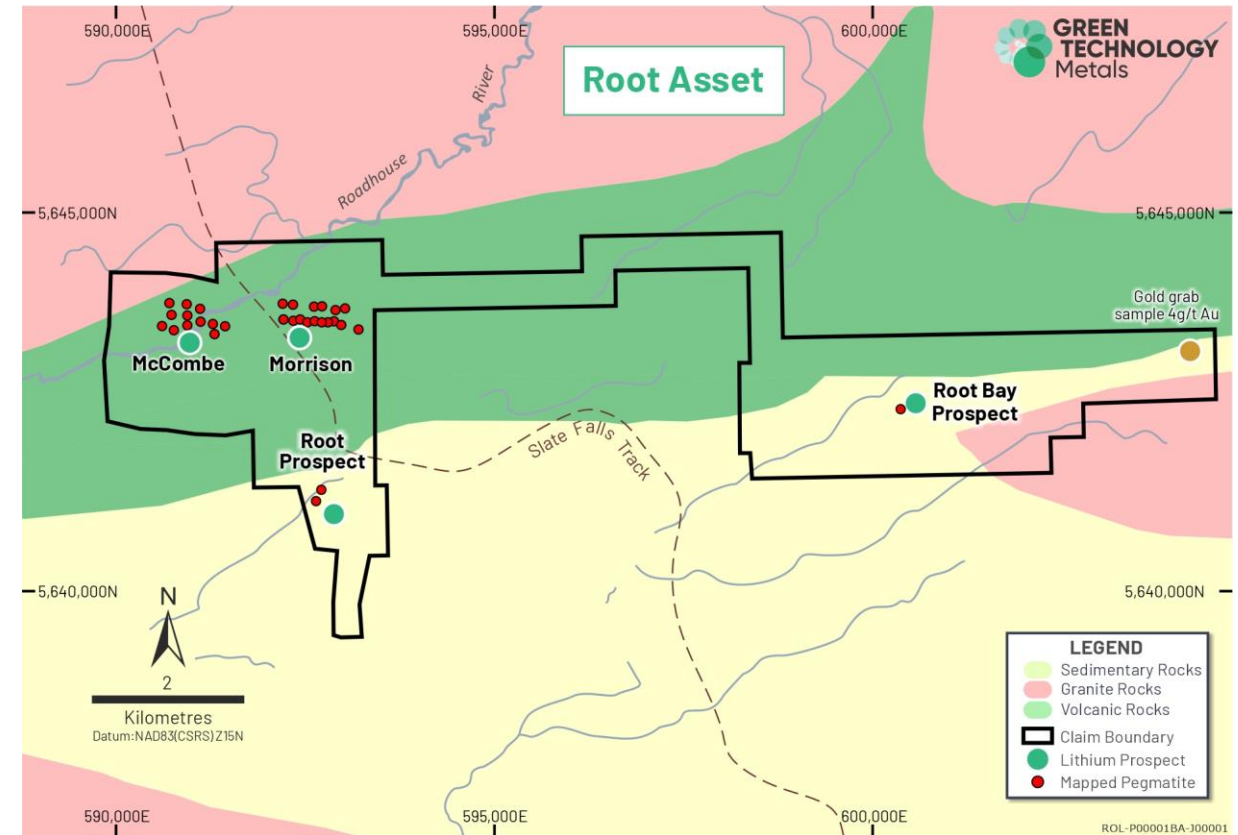
- Patented Claims (landowner) over McCombe have simplified development process
- Implicit modelling has highlighted a pegmatite swarm with significant widths and grade at McCombe



## 2 EXPLORATION DETAIL Root

Dense pegmatite swarms with a granted mining lease

- **Prospective** - four prospects with outcropping pegmatites offering walk-up drill targets
- **Ready for exploration** - additional 4.8km of potential strike length identified and awaiting testing





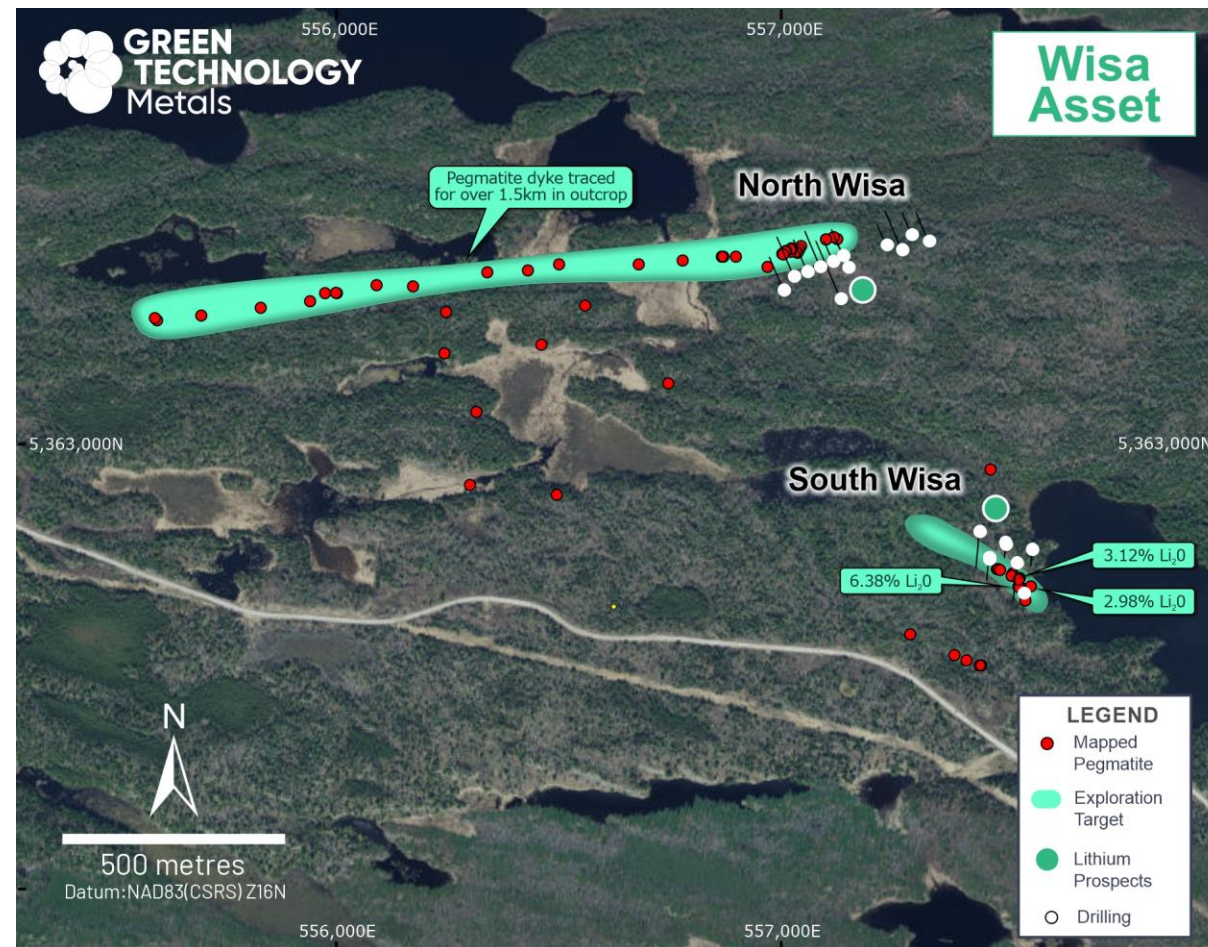
### 3 ASSET DETAIL Wisa

Strategically located 8km from the US border

- **Large** – tenement base that covers 18.9km<sup>2</sup> historically an under-explored area
- **Potential** – Exploration target **8 – 10 Mt** @ 0.8 to 1.5% Li<sub>2</sub>O

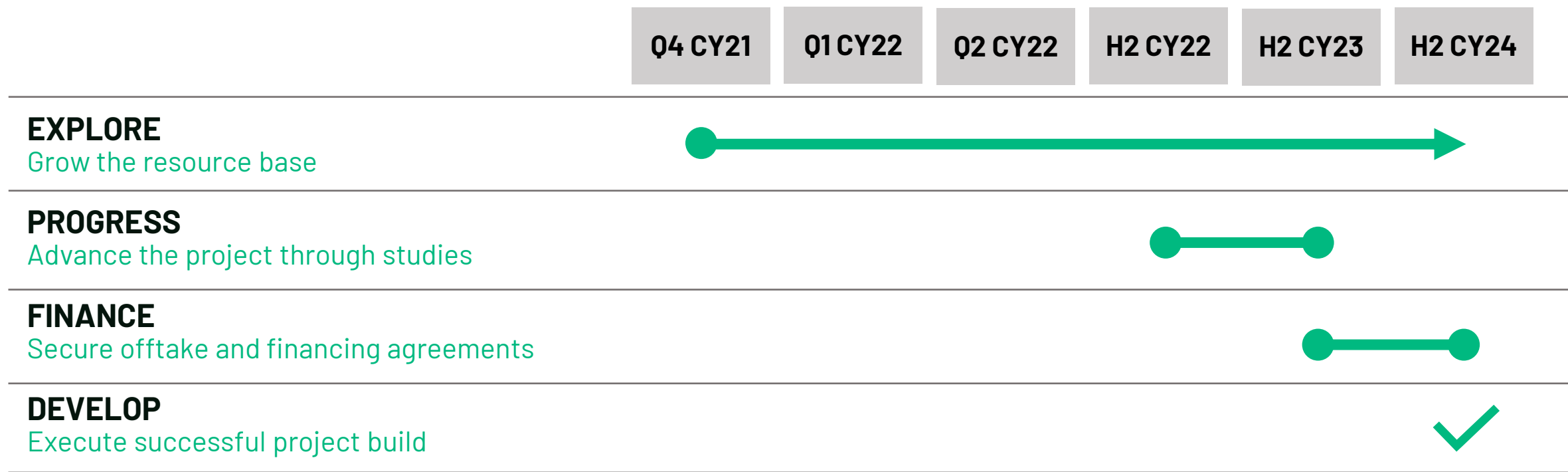
*The potential quantity and grade is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource. See Appendix Exploration Target*

- **Multiple zones** – North Zone displays sheeted south dipping pegmatites open at depth and South Zone displays dipping pegmatites
- **Accessible** – established all seasons road 40km from Trans Canadian Highway



# ACTIVITY Plan

Rapid resource expansion and an accelerated pathway to financing



The above timetable is indicative and subject to change

# APPENDIX Resource estimate

## The Ontario Lithium Project

### Seymour Lake <sup>1</sup>

| Area         | Category  | Mt          | Li <sub>2</sub> O (%) | Ta <sub>2</sub> O <sub>5</sub> (ppm) |
|--------------|-----------|-------------|-----------------------|--------------------------------------|
| North Aubry  | Indicated | 2.13        | 1.29                  | 210                                  |
| North Aubry  | Inferred  | 1.70        | 1.50                  | 189                                  |
| South Aubry  | Inferred  | 1.00        | 0.80                  | 128                                  |
| <b>Total</b> |           | <b>4.83</b> | <b>1.25</b>           | <b>186</b>                           |

1: For further details see the Company's prospectus dated 16 September 2021



# APPENDIX Exploration targets

## **Qualifying Statement for the Exploration Targets**

The potential quantity and grade is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource

## **Geological Setting**

All the Claims (Seymour, Root & Wisa) host lithium bearing pegmatites which sit within the fractioned lithium zone close to their magmatic source

## **Strike**

Drilling, surface sampling, aerial ortho-mosaics and topographic mapping (LiDAR) have been used to determine the approximate strike length of the pegmatites

## **Depth**

Drilling at Seymour and Root have confirmed the pegmatites can exceed 250m in depth, thus a depth of 500m has been applied

## **Thickness**

Implicit Modelling has been utilised to determine the thickness of the pegmatites and then extrapolated along strike and down dip using the parameters mentioned above

## **Tonnage**

Specific gravity of 2.78 has been applied to the implicit model volumes to determine the tonnage

## **Grade**

The Seymour JORC Resource hosted Inferred grades ranging from 0.8 to 1.5%  $\text{Li}_2\text{O}$ , this has been used for the Exploration Targets

## **Exploration Activities**

All exploration targets will be tested by field mapping and drilling over a period of 24 months

# APPENDIX Competent Person Statements

The information in this presentation that relates to Exploration Results and Mineral Resources for the projects in which the Company has tenure over was first released in the Company's prospectus lodged with ASIC on 16 September 2021 (Prospectus) in respect of its initial public offer of shares on ASX. The Company confirms that it is not aware of any new information or data that materially affects the information in the Prospectus and that the material assumptions and technical parameters underpinning the Mineral Resource continue to apply and have not materially changed.

The information in this Presentation that relates to the Exploration Target at Seymour is based on activities carried out by Mr Luke Cox. Mr Cox has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and the activity they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012). Mr Cox consents to the inclusion in this Presentation of the matters based on the information in the form and context in which it appears in this Presentation. Mr Cox is the Chief Executive Officer of the Company and holds securities in the Company.

The information in this Presentation that relates to the Exploration Target at Root is based on activities carried out by Mr Luke Cox. Mr Cox has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and the activity they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012). Mr Cox consents to the inclusion in this Presentation of the matters based on the information in the form and context in which it appears in this Presentation. Mr Cox is the Chief Executive Officer of the Company and holds securities in the Company.

The information in this Presentation that relates to the Exploration Target at Wisa is based on activities carried out by Mr Luke Cox. Mr Cox has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and the activity they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012). Mr Cox consents to the inclusion in this Presentation of the matters based on the information in the form and context in which it appears in this Presentation. Mr Cox is the Chief Executive Officer of the Company and holds securities in the Company.

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**STRONG ESG CREDENTIALS**



**STRATEGIC LITHIUM PROJECTS**



**FAST TRACK DEVELOPMENT STRATEGY**



**SUBSTANTIAL EXPLORATION UPSIDE**



# CONTACT Details

## Chief Executive Officer

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[www.greentm.com.au](http://www.greentm.com.au)

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