GREEN TECHNOLOGY Metals

INVESTOR PRESENTATION

RIU RESOURCES ROUND-UP

MAY 2023

Building the pre-eminent vertically integrated Lithium business in Ontario, Canada

ASX | GT1

BOARD AND MANAGEMENT

Extensive experience and proven track record of rapidly advancing and delivering lithium projects globally

JOHN YOUNG
Non-Executive Chairman

Highly experienced geologist

Co-founder and previous Executive Director of Pilbara Minerals Ltd a A$13b lithium company

CAMERON HENRY
Non-Executive Director

Founding Managing Director of Primero Group, the worlds largest Lithium process facility builder.

Over 20 years experience in development and delivery of global minerals processing, energy and NPI projects

PATRICK MURPHY
Non-Executive Director

Managing Director at AMCI Group, an experienced investment firm with a portfolio of exploration and development interests

ROB LONGLEY
Non-Executive Director

Geologist with +20 years experience in global resources across a range of commodities

Managing Director of Asra Minerals, previously CEO/MD of Ardiden and GM Geology at Sundance Resources

Executive Team

LUKE COX
Chief Executive Officer

MATT HERBERT
Chief Operating Officer

NICK RATHJEN
Head of Corporate Development

ANDREA JOHNSTONE
ESG Manager

JOHN WINTERBOTTOM
GM Technical Services

ROGER SOUCKEY
VP HR and Communities

NATHAN SIMS
Exploration Manager

DARRYL BOYD
Approvals and Permitting

CORPORATE SNAPSHOT

GT1 ASX CODE

$0.60 SHARE PRICE

$152M MARKET CAP

$131.5 EV

$20.5M CASH

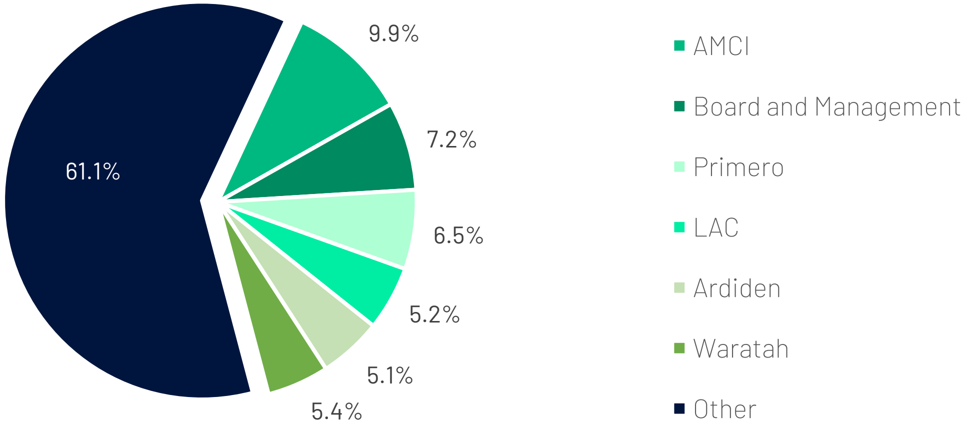
$0 DEBT

253.9M SHARES ON ISSUE

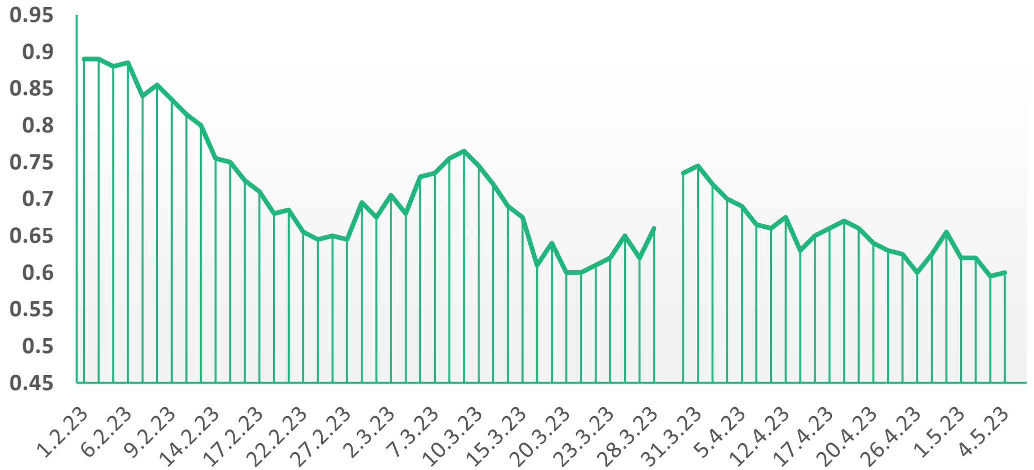
5.8M OPTIONS

15.5M PERFORMANCE RIGHTS

SHARE REGISTER



SHAREPRICE PERFORMANCE



As at 5 May 2023, cash balance as at 31 March 2023

COMPANY OVERVIEW

14.4Mt[1]

TOTAL JORC MINERAL RESOURCE ESTIMATE

1.03%

AVERAGE LI_2O GRADE

10

PROJECT AREAS

56k Ha

560KM^2 LAND HOLDING

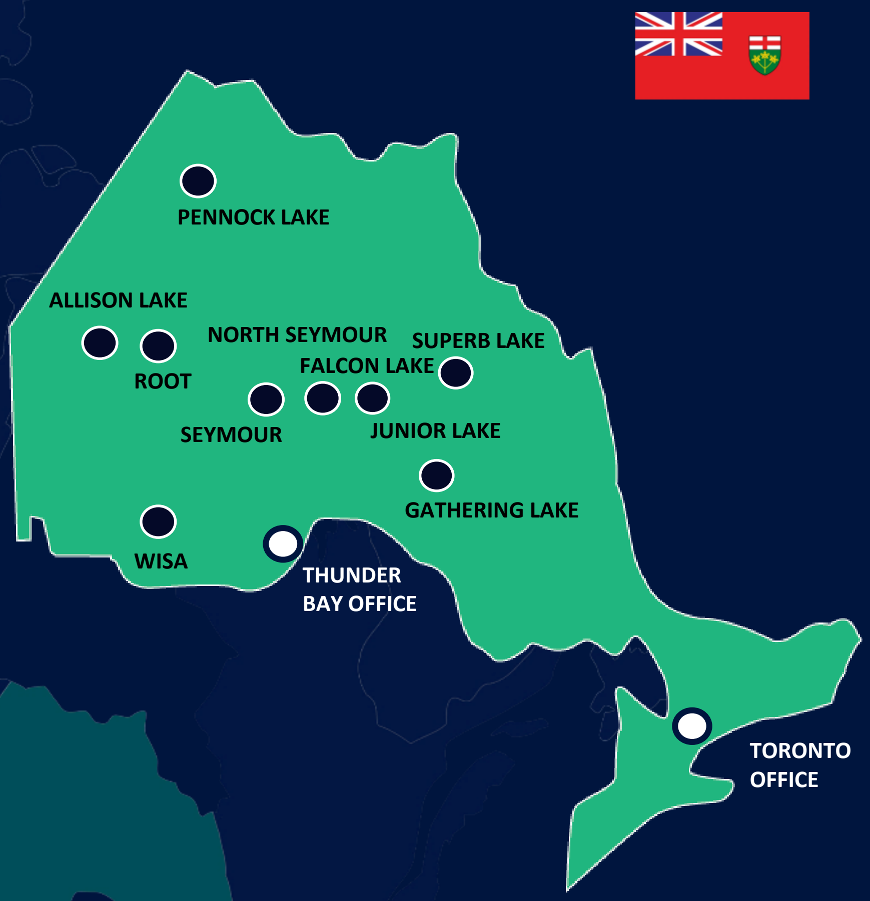
2025

PLANNED FIRST SC6 SPODUMENE CONCENTRATE PRODUCTION

72%

SPODUMENE CONCENTRATE PRODUCED FROM INITIAL HLS TESTWORK FOR SEYMOUR WITH LITHIUM RECOVERY EXCEEDING 72%

Extensive Portfolio of projects in Tier-1 jurisdiction



Company Highlights

Tier-1, low risk mining jurisdiction

- Prime position to support the North American EV market
- Supportive and proactive Government

Established, highly experienced local team in Thunder Bay, Ontario

Strong leadership by a team who boast extensive experience in project execution

Moving from an Explorer to Developer with multiple works streams running in parallel while we rapidly grow

1. Seymour has an existing Mineral Resource estimate of 9.9 Mt @ 1.04% Li_2O (comprised of 5.2 Mt at 1.29% Li_2O Indicated and 4.7 Mt at 0.76% Li_2O Inferred).1 and Root has an Inferred Mineral Resource Estimate of 4.5 Mt @ 1.01% Li_2O. Refer to GT1 ASX release dated 19 April 2023, GT1 Mineral Resources Increased to 14.4MT.

INFRASTRUCTURE CORRIDOR

World-Class infrastructure and direct access to rapidly expanding North American EV market

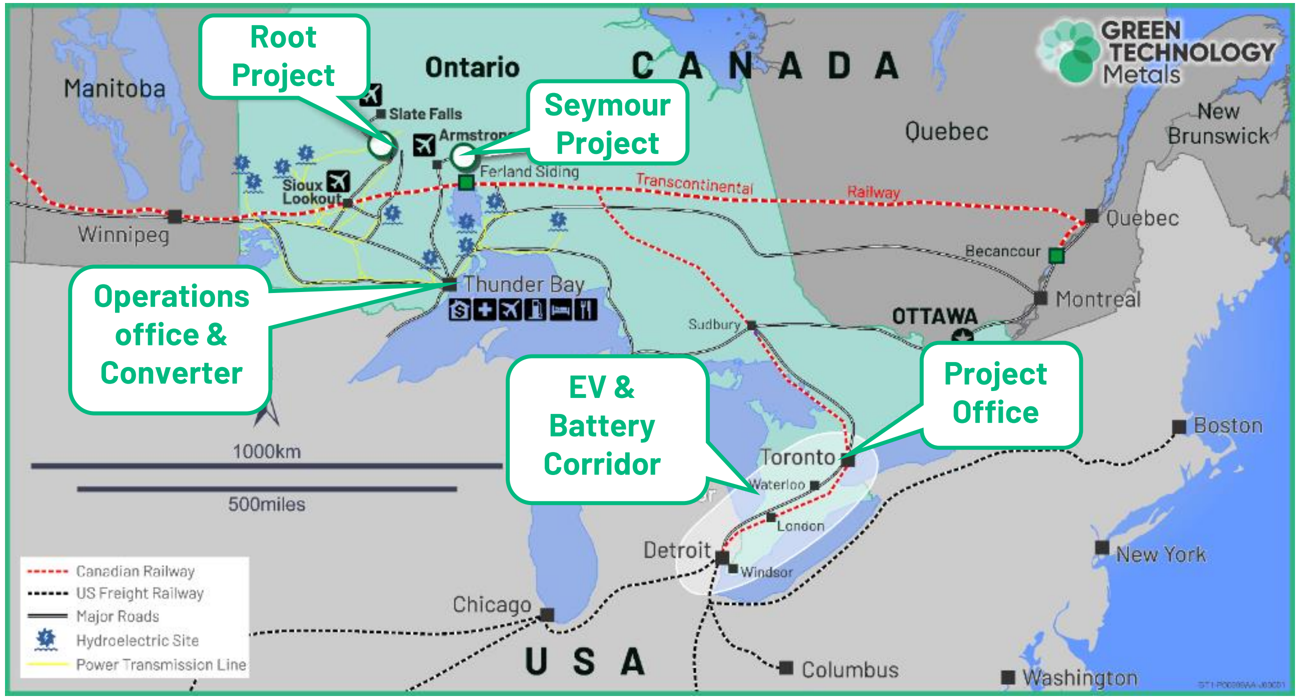
ALL WEATHER ROAD ACCESS
to sites with ready access to Trans Canadian Highway

HEAVY HAULAGE AND WIDE LOAD CAPABILITY
for access to and from both Seymour & Root

ALL-WEATHER AIRPORTS
within 20-30 mins of both sites;

HYDRO POWER ACCESS
Funding received for Jackfish Hydro project ~7km from Seymour.
230kV Wataynikaneyap Power line through Root Project

TRANS CANADIAN RAIL ACCESS– Ferland rail siding at Seymour for potential load/unload

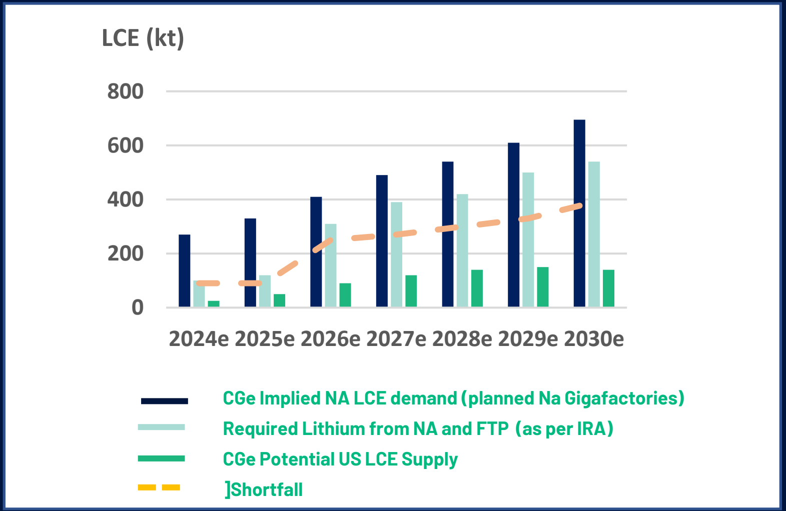


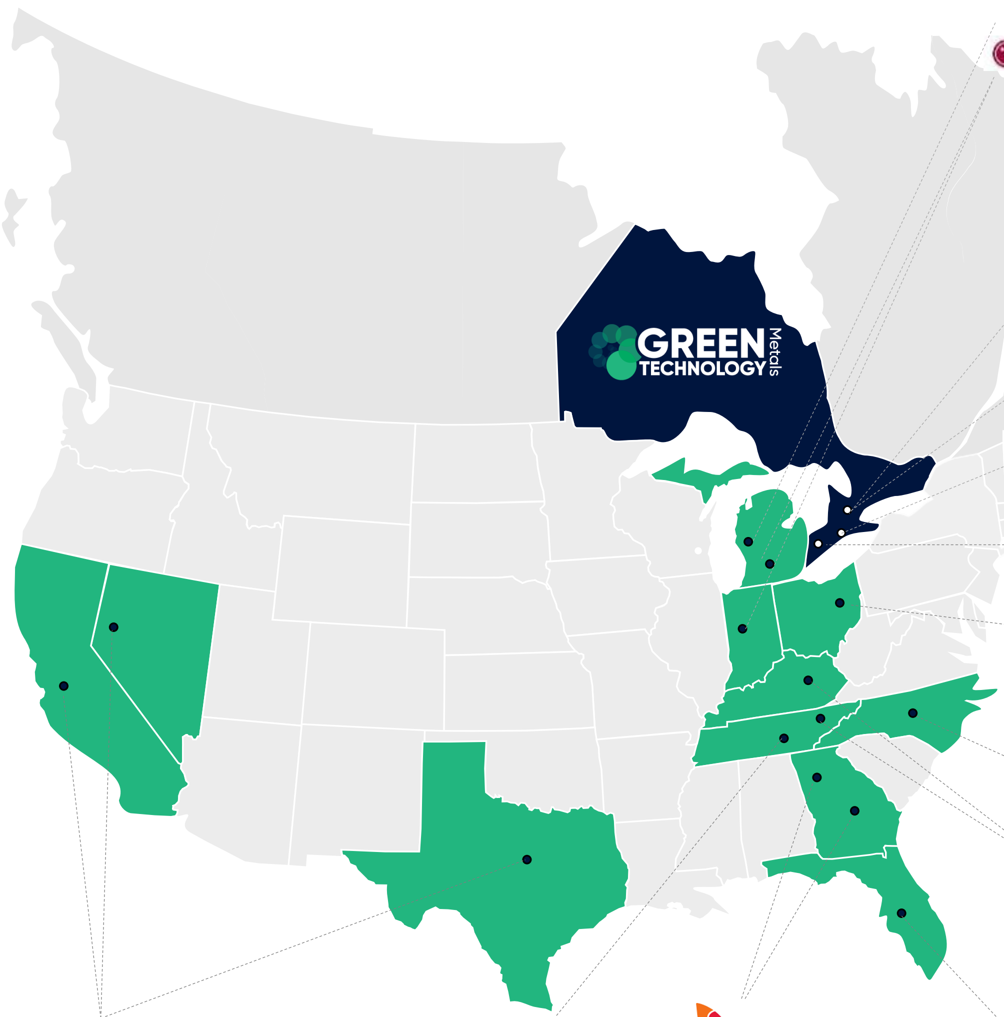
NORTH AMERICAN SUPPLY CHAIN

US Battery plants expected to require 40x current LiOH Capacity

- Lithium-ion battery production capacity pipeline to 2030 increases to 8.1 TWh, tracking 372 plants globally
- North American EV battery production forecast to reach 1 TWh annually by 2030
- Even if production from known assets were to double against planned capacities, implied North American demand would exceed supply by 40%

Implied North American lithium demand vs. potential US supply





AKASOL $5B Investment
Capacity: 45GWh

LG ES $1.4B investment
Upgrading manufacturing plant to make Hybrid EV's

VOLKSWAGEN
St. Thomas in Ontario, Canada to establish Volkswagen's first overseas gigafactory for cell manufacturing

HONDA CANADA
$1.4B investment Upgrading manufacturing plant to make Hybrid EV's

GENERAL MOTORS
$5B Investment Upgrading CAMI plant to become Canada's first commercial EV manufacturing plant

STELLANTIS AND LG ES
$5B Investment towards automotive battery operations in Windsor, Ontario. 45 GWh, 2025

GENERAL MOTORS AND LG ES
Investing $2.6 Billion to Build 3rd Ultium Cells Manufacturing Plant in Lansing 30 GWh, 2023

TOYOTA $3.8B investment, automotive battery manufacturing plan 30GWh, 2025

FORD AND SK INNOVATION
$11.4B Investment
140 GWh, 2025 Tennessee site will be Ford's largest, most advanced, most efficient auto production , while the new Battery Park in Kentucky will consist of twin battery plants powering a new line of North American EV's

TESLA: Three operational plants. Texas **25G**Wh, Nevada **35GWh**

ENVISION AESC
$2B Investment Capacity:**30GWh**

SK INNOVATION: Two plants in Georgia planned for 2022 and 2023 with capacity of **9.8 GWh** and **11.7 GWh**

SAFT Capacity:**1GWh** advanced, automated lithium-ion battery factory in the world

1. Benchmark Mineral Intelligence ,Canaccord Genuity and Company findings

COMPANY STRATEGY – BUILD THE SUPPLY CHAIN

EASTERN HUB PROJECTS

6 Projects
32,720 hectares
372Km^2

SEYMOUR LITHIUM PROJECT

MRE: 9.9 Mt at 1.04% Li_2O
Indicated category 5.2Mt at 1.29% Li_2O

- NORTH SEYMOUR
- JUNIOR LAKE
- FALCON LAKE
- SUPERB LAKE
- GATHERING LAKE

2025 ONWARDS

SPODUMENE PROCESS PLANT

Development of a regional supply chain with multiple mine and process hubs feeding a central lithium conversion facility, made in Ontario

WESTERN HUB PROJECTS

4 Projects
23,095 hectares
231Km^2

ROOT LITHIUM PROJECT

MRE: 4.5 Mt at 1.01% Li_2O
Inferred category 4.5Mt at 1.01% Li_2O

- ALLISON LAKE
- WISA LAKE
- PENNOCK LAKE

2027 ONWARDS

SPODUMENE PROCESS PLANT

LITHIUM CONVERSION FACILITY

Operating from mid-2027
Initial capacity of 25-30 ktpa LiOH
Expanded to 50-60 ktpa LiOH by 2028

LONG TERM LiOH PRODUCT SUPPLY

1. Potential lithium chemical conversion facility capacities presented are to be evaluated by the Company as part of its downstream and integrated feasibility study work, which is targeted for completion in H1 CY24. The numbers are not projections of future production and investors are cautioned not to rely on the potential plant capacities as being indicative of forecast production volumes.

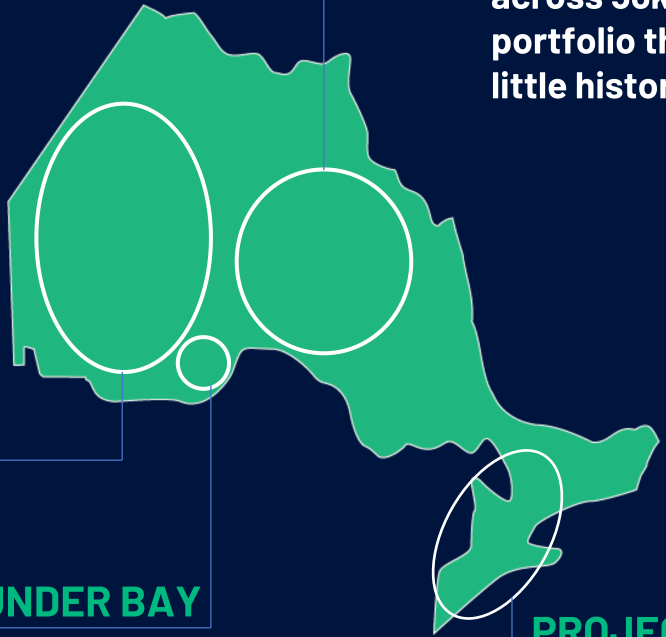
2023 PLANNED WORK PROGRAMS

EASTERN HUB

- Field exploration program to include mapping and sampling of North Seymour tenement area
- Maiden exploration and drilling program planned for Junior Lake and Falcon Lake project areas
- Evaluation of Gathering Lake and Superb Lake

WESTERN HUB

- Large-scale field exploration across the Root project
- Diamond drilling focused on Root Bay
- Evaluation of Allison, Pennock Lake and Wisa



THUNDER BAY

Due Diligence on planned conversion facility

Review underway to prioritise and explore other highly prospective target across 56k ha (560km^2) ha portfolio that have seen very little historical work

PROJECT DEVELOPMENT

- Seymour project studies, Metallurgical test work
- Government Funding
- Strategic Partners

EASTERN HUB EXPLORATION

Only 2,030 Ha of the 32,720 Ha tenure has been explored with great upside potential to discover further lithium resources

Large-scale exploration program planned

North Seymour

Tenements lie on the same greenstone belt as the Aubry deposits and exhibits many of the same structural and geophysical features that are believed to be the controls of the spodumene and pegmatite mineralisation and emplacement

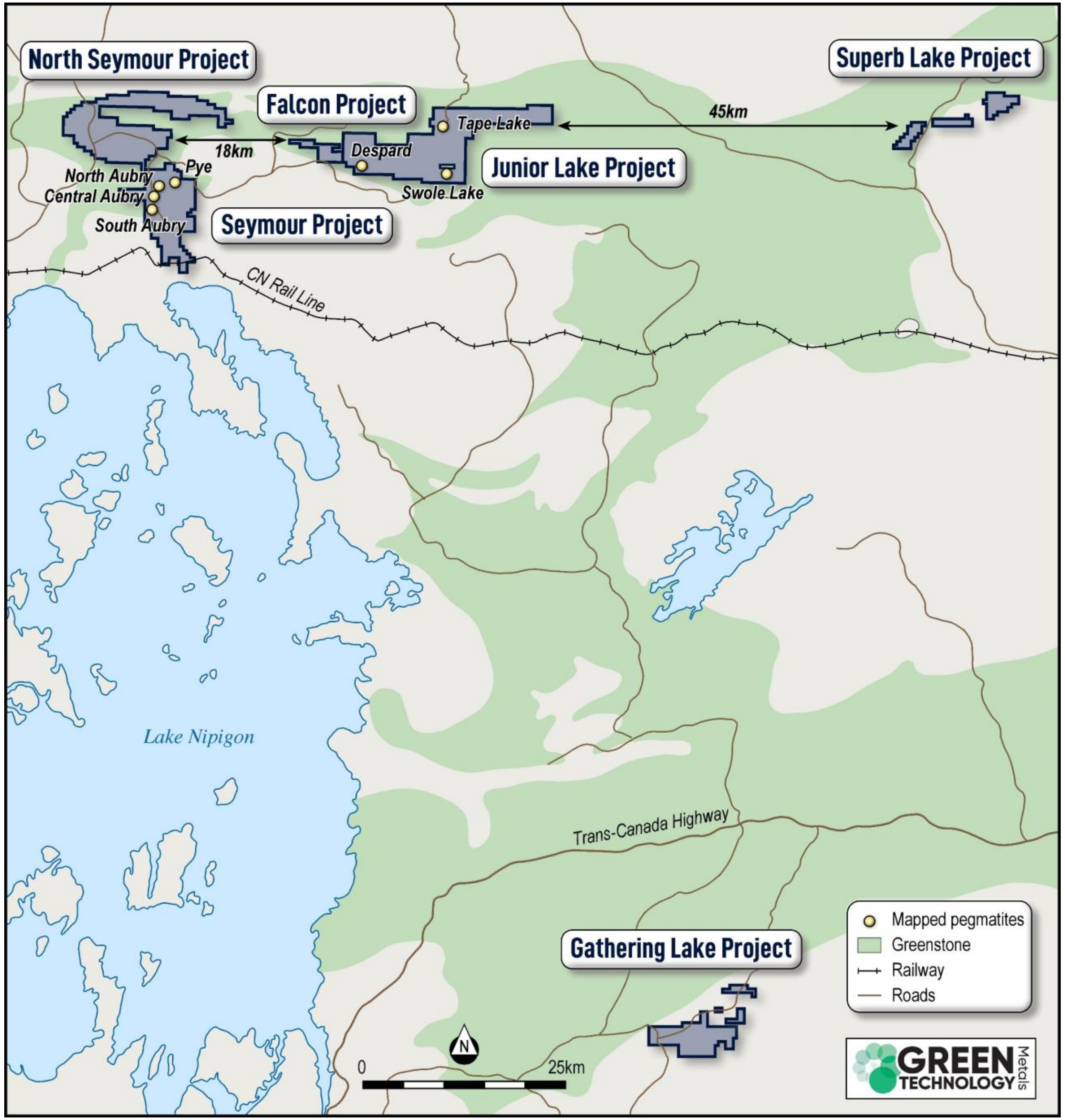
Junior Lake

Host to 3 drill-ready LCT pegmatite prospects, indicating the Project's lithium potential

Falcon Lake

Highly prospective for Lithium exploration, heavily underexplored and underlain by the east-west trending Caribou Lake-O'Sullivan Greenstone Belt

Evaluation underway for Superb Lake and Gathering Lake for exploration in 2023 and 2024



WESTERN HUB EXPLORATION

Maiden Inferred MRE of 4.5 Mt at 1.01 % Li_2O over first 1.5m strike of the McCombe deposit, part of the 20km wide Root Lithium Project

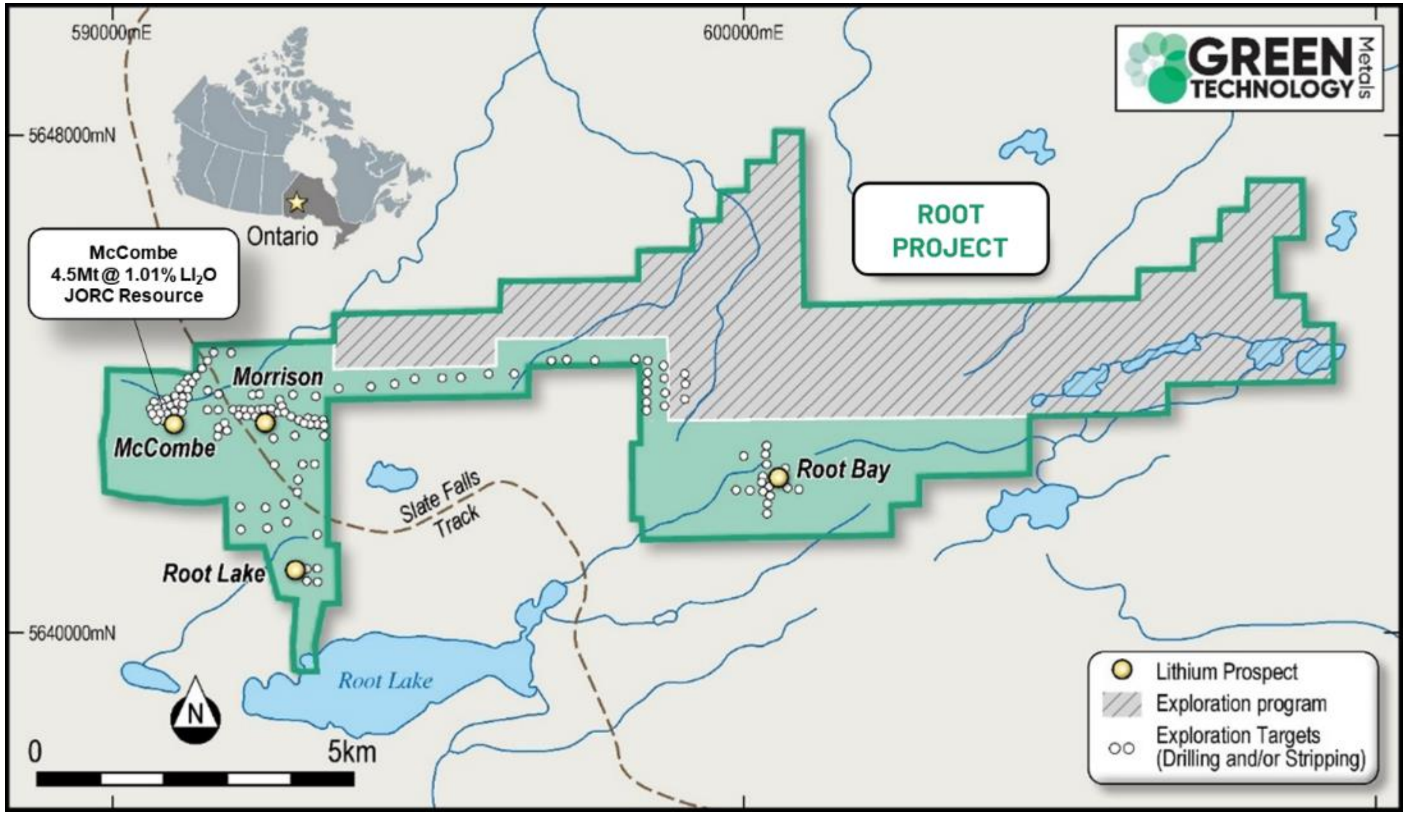
Significant potential for further Mineral Resource growth along strike and down dip and across the larger Root project area

Field exploration to commence

Expanded to Northern Root Tenement area to identify new priority drill targets with **Root Bay** remaining the primary focus for the upcoming diamond drilling campaign

Evaluation underway for other Western Hub project areas including Allison Lake, Pennock Lake and Wisa for exploration in 2023 and 2024

PLANNED EXPLORATION AREA ROOT PROJECT

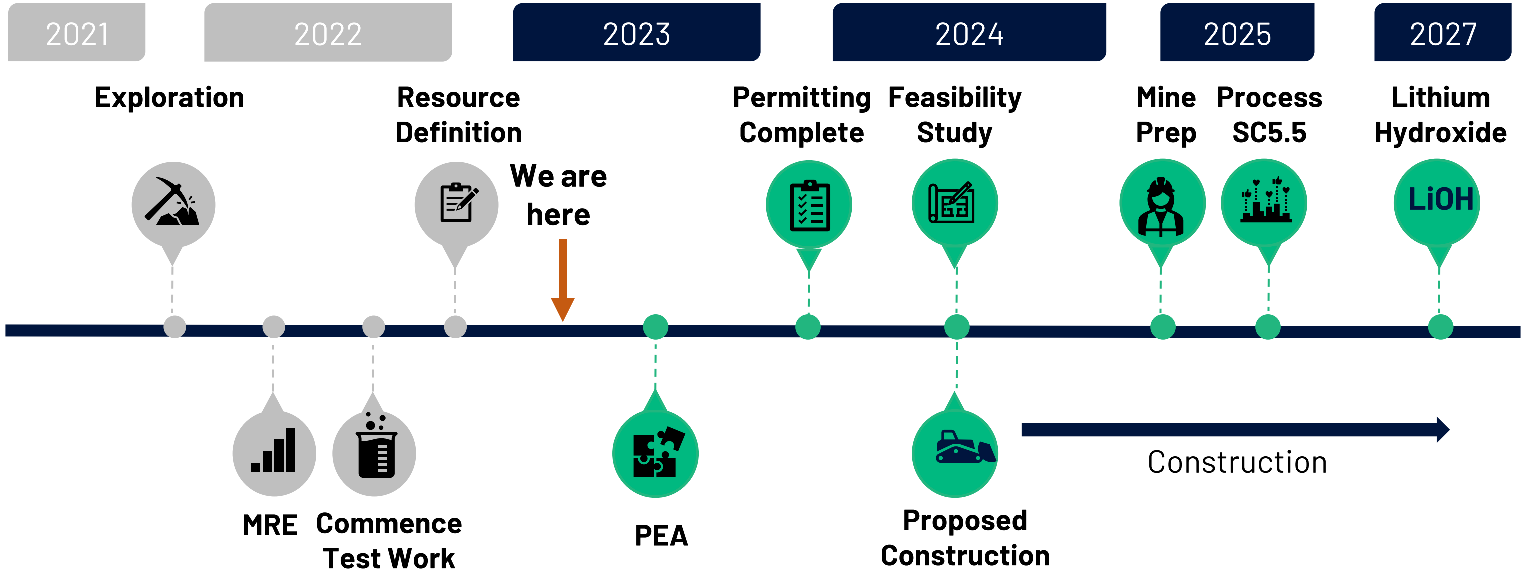


EASTERN HUB DEVELOPMENT

Seymour – Rapidly advancing project development

- ✓ Year 3 of the required 3 years of environmental baseline studies
- ✓ Preliminary Heavy Liquid Separation Test Work – Complete
- Ongoing Indigenous and Public consultation
- Environmental Impact assessments, with environmental baseline studies in final year
- Metallurgical test work including, Bulk Sample, DMS variability, flowsheet optimisation and chemical conversion programs
- Concentrator, Infrastructure and Converter design
- Preliminary Economic Assessment and immediate commencement of Feasibility Study
- Development of Project Execution Plan

DEVELOPMENT TIMELINE



1. Dates referenced are indicative

CORPORATE DEVELOPMENT

Built and made in Ontario

- Build on existing corporate presence in Ontario
- Increase lithium portfolio, focused on increasing potential Life of Mine at Seymour and development ready projects with near term potential to commence production.
- Continue relationships with stakeholders and government agencies
- Lead Ontario by becoming the first lithium producer and pioneering local industry

Project Funding

- Progress discussions with government agencies around grants and funding packages
- Engagement with strategic parties relating to investment/offtake/joint venture for processing plant and lithium conversion facility

UMICORE plans to construct a manufacturing facility for cathode active battery materials in Ontario, Canada

NEMASKA LITHIUM planned lithium hydroxide production plant

GM & POSCO$400 million cathode factory in Bécancour, Quebec

SAYONA & PIEDMONT restart of spodumene conversion facility at NAL to produce lithium hydroxide or lithium carbonate

HONDA $1.4B investment Upgrading manufacturing plant to make Hybrid EV's

GENERAL MOTORS $5B Investment Upgrading CAMI plant to become Canada's first commercial EV manufacturing plant

VOLKSWAGEN planned Gigafactory in St. Thomas in Ontario,

STELLANTIS AND LG ES
$5B Investment towards automotive battery operations in Windsor, Ontario. 45 GWh, 2025

Contacts

Chief Executive Officer

Luke Cox

L1, 338 Barker Rd, Subiaco

Perth, Western Australia 6008

Email: info@greentm.com.au

Investor Relations and Media

Jacinta Martino

Email: ir@greentm.com.au

Share registry

Automic Group

Email: hello@automic.com.au

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APPENDIX | MINERAL RESOURCE ESTIMATE

Project	Tonnes (Mt)	Li_2O (%)	Ta_2O_5 (ppm)
Root Project			
McCombe			
Inferred	4.5	1.01	110
Total	**4.5**	**1.01**	**110**
Seymour Project[1]			
North Aubry			
Indicated	5.2	1.29	161
Inferred	2.6	0.90	120
South Aubry			
Inferred	2.1	0.50	90
Total	**9.9**	**1.04**	**137**
Combined Total	**14.4**	**1.03**	**128**

For full details of the Seymour Mineral Resource estimate, see GT1 ASX release dated 23 June 2022, Interim Seymour Mineral Resource Doubles to 9.9Mt. For full details of the Root Maiden Mineral Resource estimate, see GT1 ASX release dated 19 April 2023, GT1 Mineral Resources Increased to 14.4MT . 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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No other material authorised: The Company has not authorised any person to give any information or make any representation in connection with any proposed offer of securities.

No New Information: The information in this release that relates to Mineral Resource Estimates for the Ontario Lithium Projects was released on the ASX dated 23 June 2022, "Interim Seymour Mineral Resource Doubles" 19 April 2023, "GT1 Mineral Resources Increased to 14.4MT". 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 these estimates continue to apply and have not materially changed.

APPENDIX | COMPETENT PERSONS STATEMENT

The information in this presentation relating to the Mineral Resource estimate for the Seymour Project is extracted from the Company's ASX announcement dated 23 June 2022. 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 Presentation that relates to the Exploration Results 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 Company confirms there have been no material changes to exploration results since first reported in accordance with Listing Rule 5.7.