

## **DRILLING COMMENCES AT SEYMOUR**

### **HIGHLIGHTS**

- **Phase 1 diamond drilling commenced at North Aubry Lithium deposit (Seymour Project).**
- **Step-out, 11-hole, 3,500m drilling program targeted to expand the current Seymour Mineral Resource estimate of 4.8 Mt @ 1.25% Li<sub>2</sub>O.**
- **Final extensional hole drilled at North Aubry under previous owner returned 40m @ 2.4% Li<sub>2</sub>O.**
- **Phase 1 program expected to be completed during March 2022.**

Green Technology Metals Limited (**ASX: GT1**)(**GreenTech, GT1** or the **Company**) is pleased to announce that drilling has commenced at the North Aubry deposit within its Seymour Project in Ontario, Canada.

This Phase 1 program at Seymour, consisting of a planned 11 holes for approximately 3,500m, is designed to evaluate both along-strike and up to 150m down-dip extensions of the Aubry North deposit that are currently open and untested. Examples of these extensional targets include the final step-out drill hole at North Aubry under its previous owner, Ardiden Limited, which returned 40m @ 2.4% Li<sub>2</sub>O.<sup>1</sup>

The Phase 1 drilling is targeted to rapidly expand the existing Seymour Mineral Resource estimate of 4.8 Mt @ 1.25% Li<sub>2</sub>O<sup>2</sup>. Following programs will be testing known Ground Penetrating Radar signatures that are adjacent to the Aubry North deposit. Completion of the Phase 1 drilling at Seymour is scheduled for March 2022.

***"We are excited to be commencing drilling at Seymour so rapidly. This outcome is a direct result of what has been achieved by both our Canadian and Australian operational and technical personnel in recent months. We are also very proud of our building First Nations partnerships".***

***"Our aspirations for the Seymour Project are substantial and clear – and we deeply believe in the significant exploration upside to underwrite them. Building lasting local partnerships, testing our advanced exploration model, and generating shareholder value in doing so, is our immediate focus there."***

- Chief Executive Officer, Luke Cox

<sup>1</sup> See ASX:ADV announcement dated 6 March 2019, *Substantial Increase in Mineral Resources at Seymour Lake*.

<sup>2</sup> The information in this release that relates to Exploration Results and Mineral Resources for the Ontario Lithium Projects was released in the Company's prospectus (see ASX:GT1 release dated 8 November 2021). 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.



## Building local First Nation partnerships

GreenTech has executed drilling contracts with BC Drilling and Missinaibi Drilling (both First Nations drilling contractors) to complete the Phase 1 drilling.

BC Drilling is currently operating its diamond rig on a continuous day-and-night shift rotation at the Seymour Project, which is located around 50km east of the Armstrong community.

Missinaibi Drilling is expected to commence a similar shift arrangement at Seymour with its diamond rig in the next week.

Our partnership with BC & Missinaibi Drilling highlights GreenTech's commitment to our "First Nations First" partnership approach. In conjunction with this commitment, GreenTech is also pleased to announce its partnership with Sagatay, a wholly Whitesand First Nations owned business, with which we have partnered to maintain our 55 km all-weather access road to site through winter.

These partnerships are critical to ensuring the benefits of GreenTech's activities at Seymour flow directly through to First Nations groups and the local community.

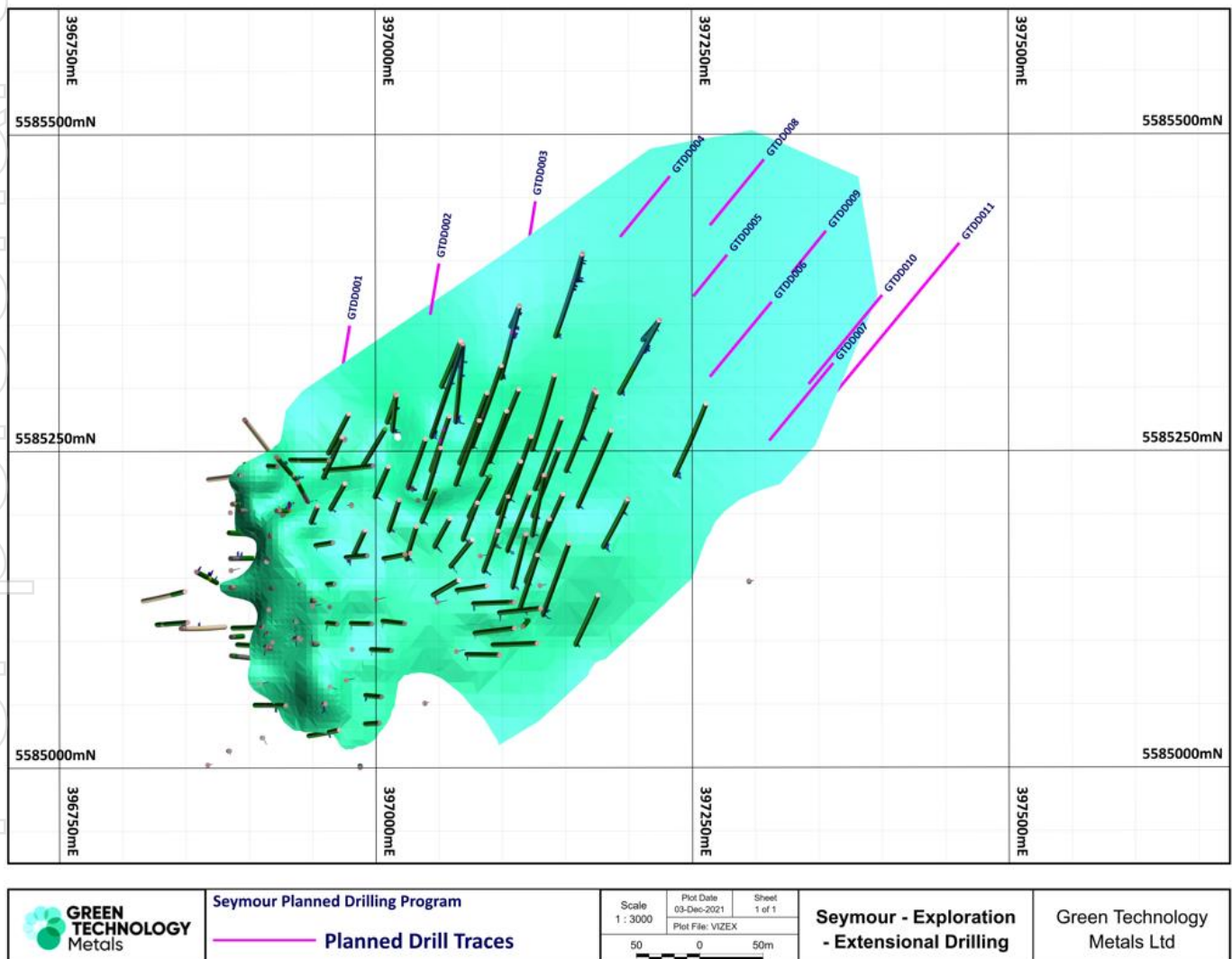
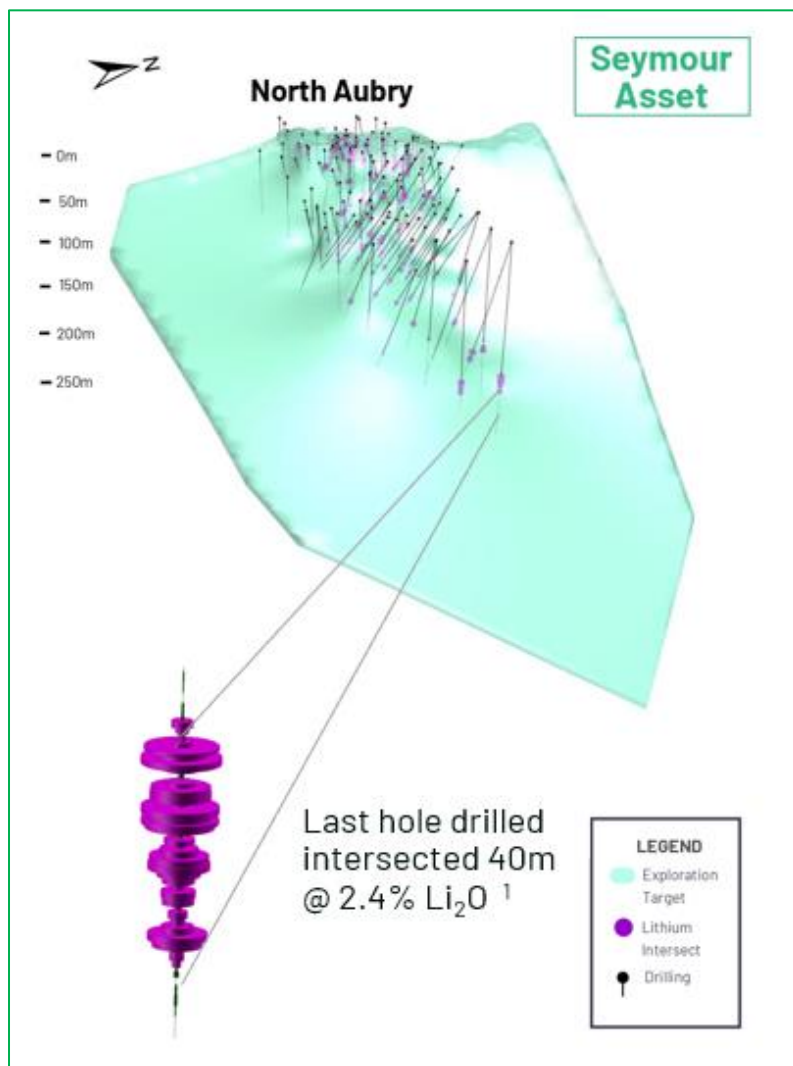


Figure 2: Location of planned Phase 1 drill holes at North Aubry

## Progress status

GreenTech has been working to a systematic plan with respect to the Seymour Project since execution of the original acquisition agreement. Progress against this staged approach at Seymour is outlined below:

1. Review historical exploration, drilling and mining – **Complete**
2. Build geological database and model – **Complete**
3. LIDAR, aerial photography, and composite 3D mapping – **Complete**
4. Geophysical surveying – **Complete**
5. Geophysical interpretation – **Complete**
6. Geological mapping – **Ongoing**
7. Phase 1 Drill targeting – **Complete**
8. Ground preparations – **Commenced**
9. Drilling – **Commenced**
10. Updated Mineral Resource and geotechnical modelling – *post Phase 1 drilling program*



**Figure 3: Last extensional hole drilled at North Aubry and reported by Ardiden Limited (hole ASD011)**

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*This ASX release has been approved for release by: Luke Cox, Chief Executive Officer*

## KEY CONTACTS

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## Green Technology Metals (ASX:GT1)

Green Technology Metals is a North American focussed lithium exploration and development business. The Company's Ontario Lithium Projects comprise three high-grade, hard rock spodumene assets (Seymour, Root and Wisa) covering 95km<sup>2</sup> of highly prospective tenure north-west of Thunder Bay in Ontario, Canada.



All sites are proximate to excellent existing infrastructure (including hydro power generation and transmission facilities), readily accessible by road, and with nearby rail delivering transport optionality.

Seymour has an existing Mineral Resource estimate of 4.8 Mt @ 1.25% Li<sub>2</sub>O and Exploration Target of 22-26 Mt @ 0.8-1.5% Li<sub>2</sub>O. Accelerated, targeted exploration across all three projects delivers outstanding potential to grow resources rapidly and substantially.

*The information in this release that relates to Exploration Results, Mineral Resources and Exploration Targets for the Ontario Lithium Projects was released in the Company's prospectus (see GT1 ASX release dated 8 November 2021). 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.*

*The Exploration Target potential quantities and grades are conceptual in nature and there has been insufficient exploration to estimate a Mineral Resource. It is uncertain if further exploration will result in the estimation of a Mineral Resource. The Exploration Target is not being reported as part of any Mineral Resource.*

## **Competent Person's Statements**

The information in this release that relates to Exploration Results and Exploration Targets at Seymour is based on activities carried out by Mr Luke Cox (Fellow AusIMM). 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 release of the matters based on the information in the form and context in which it appears in this release. Mr Cox is the Chief Executive Officer of the Company and holds securities in the Company.

## **Forward Looking Statements**

Certain information in this document refers to the intentions of Green Technology Metals Limited (ASX: GT1), however these are not intended to be forecasts, forward looking statements or statements about the future matters for the purposes of the Corporations Act or any other applicable law. Statements regarding plans with respect to GT1's projects are forward looking statements and can generally be identified by the use of words such as 'project', 'foresee', 'plan', 'expect', 'aim', 'intend', 'anticipate', 'believe', 'estimate', 'may', 'should', 'will' or similar expressions. There can be no assurance that the GT1's plans for its projects will proceed as expected and there can be no assurance of future events which are subject to risk, uncertainties and other actions that may cause GT1's actual results, performance or achievements to differ from those referred to in this document. While the information contained in this document has been prepared in good faith, there can be given no assurance or guarantee that the occurrence of these events referred to in the document will occur as contemplated. Accordingly, to the maximum extent permitted by law, GT1 and any of its affiliates and their directors, officers, employees, agents and advisors disclaim any liability whether direct or indirect, express or limited, contractual, tortious, statutory or otherwise, in respect of, the accuracy, reliability or completeness of the information in this document, or likelihood of fulfilment of any forward-looking statement or any event or results expressed or implied in any forward-looking statement; and do not make any representation or warranty, express or implied, as to the accuracy, reliability or completeness of the information in this document, or likelihood of fulfilment of any forward-looking statement or any event or results expressed or implied in any forward-looking statement; and disclaim all responsibility and liability for these forward-looking statements (including, without limitation, liability for negligence).