

WESTERN HELI-MAG SURVEYING COMMENCED

HIGHLIGHTS

- **Extensive aerial magnetic surveying underway over GT1's western Ontario tenements.**
- **Key targeting vector via identification of structural controls for lithium mineralisation.**

Green Technology Metals Limited (**ASX: GT1**) (**GT1** or the **Company**) advises that it is undertaking extensive aerial magnetic data acquisition across most of its western exploration claims in Ontario, Canada.

PROSPECTAIR has commenced helicopter magnetic surveying across GT1's Root Lake, Root Bay, Allison Lake, Allison Lake North and Costello Lake projects. A total of 5,286 line-kilometres are expected to be flown over coming weeks, with a traverse line spacing of 50m, and control lines being flown with a 500m spacing. Flight paths have been orientated to maximise the potential of picking up the structural controls for pegmatite emplacement.

Magnetic surveys have been instrumental in determining the regional and local structural controls for lithium mineralisation in Ontario. This has typically been a function of the high magnetic response from the greenstone host rock contrasting with the low magnetic response from the pegmatites.

The raw data received from PROSPECTAIR is to be sent to Southern Geoscience in Perth for further data processing and target generation mapping. This work is planned to inform field season activities on these projects, which are set to commence shortly.



Figure 1: PROSPECTAIR's EC120 helicopter efficiently handles the equipment load and required survey range





Figure 2: GT1's Ontario lithium tenements (with key areas of planned heli-mag surveying circled/shaded in brown)

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

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Green Technology Metals (ASX:GT1)

GT1 is a North American focussed lithium exploration and development business. The Company's Ontario Lithium Projects comprise high-grade, hard rock spodumene assets (Seymour, Root and Wisa) and lithium exploration claims (Allison and Solstice) located on highly prospective Archean Greenstone tenure in north-west 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% Li₂O (comprised of 2.1 Mt at 1.29% Li₂O Indicated and 2.7 Mt at 1.24% Li₂O Inferred).¹ Accelerated, targeted exploration across all three projects delivers outstanding potential to grow resources rapidly and substantially.



The Company currently holds an 80% interest in the Ontario Lithium Projects (Seymour, Root and Wisa) under a joint venture with Ardiden Limited (ASX: ADV). Refer to the Company's Prospectus (see GT1 ASX release dated 8 November 2021) for further details.

- The information in this release that relates to Mineral Resources 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 exploration results and mineral resource estimates continue to apply and have not materially changed.**

APPENDIX A: IMPORTANT NOTICES

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).

APPENDIX B: SEYMOUR MINERAL RESOURCE ESTIMATE

Area	Category	Mt	Li ₂ O (%)
North Aubry	Indicated	2.1	1.29
North Aubry	Inferred	1.7	1.50
South Aubry	Inferred	1.0	0.80
TOTAL		4.8	1.25