

# Xplore Completes New High-Resolution Magnetic Survey and Identifies High-Priority Targets on Trend with Root Bay Deposit at its Surge Project, Ontario

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Vancouver, May 22, 2025 - [Xplore Resources Corp.](#) (TSXV: XPLR) ("Xplore" or the "Company") is pleased to announce the completion of a new high-resolution airborne magnetic survey at its Surge Lithium Project in northwestern Ontario (Figure 1).

The survey results show linear magnetic highs extending from the Green Technology Metals Root Bay lithium deposit and through the Xplore property. The trend extends for over 17 km on the Surge Project and is interpreted as iron formation and greenstone dismembered with abrupt magnetic breaks. These breaks match spatially with known pegmatites drilled by Green Technology Metals and may represent pegmatite intrusions, defining new high-priority targets for follow-up exploration.

This new magnetic data provides greater definition of regional structures and highlights geological characteristics similar to those observed near pegmatites intersected at Green Technology Metals' Root Bay East drilling, adjacent to the Surge Project. Field crews are scheduled to mobilize this month to begin mapping and prospecting these new targets.

## Survey Highlights

- A total of 476 line-kilometers were flown at 50 meter spacing over 214 hectares at the Surge Project.
- The new data was leveled and merged with existing high-quality magnetics, providing enhanced geological context across a broader 5,400 hectare area.
- Several structural features and magnetic discontinuities have been identified as priority targets for the 2025 field program.

Devin Pickell, President and CEO of Xplore, commented, "This magnetic survey will be instrumental in advancing exploration in the Root Lake area. Our field crews will use this high-resolution data to prioritize and ground truth newly identified structural targets as we work toward a potential new discovery."

Figure 1. High-resolution magnetic survey results at the Surge Project highlighting interpreted structural features and priority target areas for ground follow-up.

To view an enhanced version of this graphic, please visit:

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## About the Surge Lithium Project

The Surge Lithium Project is Xplore's flagship property located in the rapidly emerging Root lithium district of northwestern Ontario. The project covers approximately 10 km of strike length along the eastern extension of the Root Bay-Root Bay East lithium trend and is strategically positioned adjacent to Green Technology Metals' Root Bay Project, which currently hosts a JORC-compliant resource of 10.1 Mt at 1.29% Li&#8322;O.

Recent high-resolution Lidar combined with airborne magnetics, have significantly improved the geological

understanding of the Surge Project. Field mapping and prospecting have confirmed the presence of key structures and greenstone host rocks, with several priority targets identified less than 50 m from lithium mineralization reported at Root Bay East.

The technical content of this news release has been reviewed and approved by Devin Pickell, P.Geo., the President and CEO of the Company and a Qualified Person pursuant to National Instrument 43-101.

#### About Xplore Resources

Xplore Resources is a North American lithium exploration company listed on the TSX Venture Exchange under symbol XPLR. The Company has a prospective land package in the emerging Root Bay lithium district located in northwest Ontario. Xplore's flagship property is the Surge lithium project, on trend and near two lithium deposits and just 25 m from a new lithium discovery. The Company is led by a highly experienced management team with a strong track record of growing shareholder value.

#### ON BEHALF OF THE BOARD OF DIRECTORS,

Devin Pickell, CEO  
Xplore Resources Corp.

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