

LIFT Commences 2025 Environmental Baseline Data Collection Program at the Yellowknife Lithium Project

Vancouver, British Columbia--(Newsfile Corp. - April 17, 2025) - Li-FT Power Ltd. (**TSXV: LIFT**) (**OTCQX: LIFF**) (**FSE: WS0**) ("**LIFT**" or the "**Company**") is pleased to announce the commencement of the 2025 Environmental Baseline Data Collection Program (the "Program") at the Yellowknife Lithium Project (the "Project"). The Program represents a significant step in preparing for advanced permitting activities for the Project, including Environmental Assessment, and will also inform mine planning activities, including economic studies.

Baseline data collected in 2025 will be used to understand current environmental and socioeconomic conditions in the area and constitutes the first of two years of comprehensive baseline data required for Environmental Assessment. The 2025 program will build on data collected in 2023 and 2024 as well as the wealth of existing data from the area, which is well-studied due to its proximity to Yellowknife and historic mining and exploration activities in the area.

The Program will include local and regional baseline data collection activities and will focus on areas immediately adjacent to known pegmatite dykes where Project infrastructure may be present in the future (Figure 1). Lakes and streams that are immediately up- and down-stream of potential future infrastructure will also be included in the program, along with areas that are up- and downwind of potential future Project activities. The Program will include aquatic, atmospheric, terrestrial, and human environment components and will employ approaches rooted in the scientific method and Indigenous Knowledge.

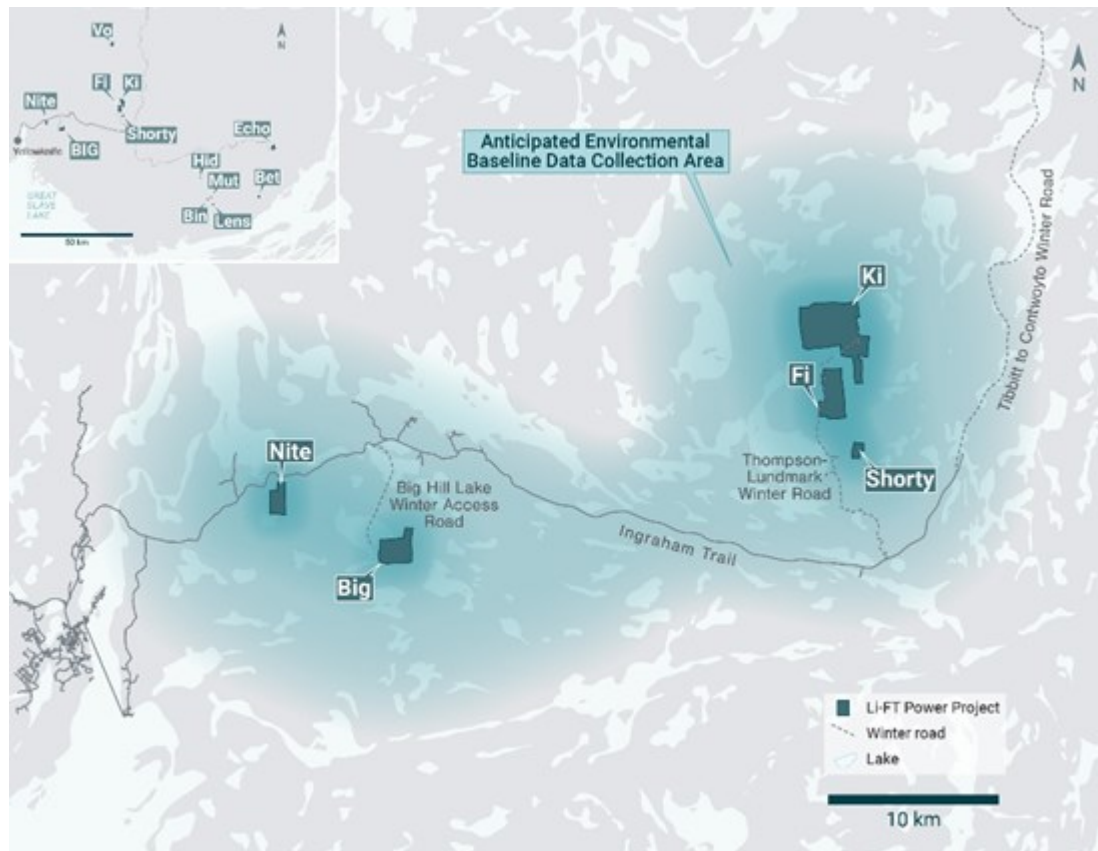


Figure 1 - Location of LIFT's Yellowknife Lithium Project and baseline data collection study area.

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

https://images.newsfilecorp.com/files/8766/248843_0d72261a04804a9d_001full.jpg

LIFT is working closely with local Indigenous communities and regulatory authorities to develop and execute the baseline data collection programs for the Project. Community engagement sessions specific to baseline data collection programs were held in 2024, with additional sessions planned for 2025. The Program will be managed by Det'on Cho Environmental, which is owned by the Yellowknives Dene First Nation and prioritises Indigenous employment.

April Hayward, CSO of LIFT, comments, "The launch of the 2025 Baseline Data Collection Program marks a critical step in advancing the Yellowknife Lithium Project. We appreciate the ongoing support of our Indigenous partners and will continue to work closely with local communities and relevant regulatory authorities to ensure we have the data and information we require for future permitting activities, including Environmental Assessment."

Baseline Data Collection Program Components

Aquatics Program: The program includes bathymetry, hydrology, hydrogeology, and water quality surveys as well as fish, fish habitat, and aquatic life surveys. The program began on April 5th with under-ice water quality sampling, fish habitat surveys, and winter hydrological surveys. The aquatics program will continue on an approximately monthly basis until the end of September or beginning of October, when freeze-up is likely to occur.

Atmospherics Program: The program includes air quality, noise, vibration, light, and meteorological components to establish ambient conditions in and around the Project area. The atmospheric data collection program will begin in late spring/early summer and will continue year-round going forward.

Terrestrial Program: The program includes vegetation, soils and terrain, permafrost, host rock geochemistry, and wildlife components. Soils and vegetation field programs will occur in the summer (July-September) and will be used to verify models built from geological maps and remote sensing data. The host rock geochemistry program will build upon initial work completed in 2023 and 2024 and will include static and kinetic testing of host rock. The wildlife program will include acoustic data collection, the analysis of available satellite collar data, and the continuation of camera trapping, which commenced in the autumn of 2023.

Human Environment Program: The program will include heritage resources, land and resource use, social and community conditions, and economic components. The 2025 program builds on archaeological studies and socioeconomic data collected in 2023 and will expand to include Indigenous resource use and Indigenous knowledge studies (which will be integrated with the environmental data collection program) beginning in April of 2024.

About LIFT

LIFT is a mineral exploration company engaged in the acquisition, exploration, and development of lithium pegmatite projects located in Canada. The Company's flagship project is the Yellowknife Lithium Project located in Northwest Territories, Canada. LIFT also holds three early-stage exploration properties in Quebec, Canada with excellent potential for the discovery of buried lithium pegmatites, as well as the Cali Project in Northwest Territories within the Little Nahanni Pegmatite Group.

For further information, please contact:

Francis MacDonald
Chief Executive Officer
Tel: + 1.604.609.6185
Email: investors@li-ft.com
Website: www.li-ft.com

Daniel Gordon
Investor Relations
Tel: +1.604.609.6185
Email: investors@li-ft.com

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Forward-looking statements involve risks and uncertainties, which are based on current expectations as of the date of this release and subject to known and unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements. Additional information about these assumptions and risks and uncertainties is contained under "Risk Factors" in the Company's latest annual information form filed on March 21, 2025, which is available under the Company's SEDAR+ profile at www.sedarplus.ca, and in other filings that the Company has made and may make with applicable securities authorities in the future. Forward-looking statements contained herein are made only as to the date of this press release and we undertake no obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise, except as required by law. We caution investors not to place considerable reliance on the forward-looking statements contained in this press release.

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