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NORTHWEST TERRITORIES

LITHIUM



LI-FT POWER LTD.

Yellowknife Lithium Project

NEED TO KNOW

On November 22nd, 2022, Li-FT entered into an amalgamation agreement with a private company to acquire a **100% interest in the Yellowknife Lithium Project ("YLP")**. The YLP consists of mineral leases that cover the majority of the lithium pegmatites that make up the Yellowknife Pegmatite Province ("YPP"), located in a historical mining district. Numerous spodumene-bearing pegmatites with strike lengths up to 1,800 m and widths up to 30 m outcrop within the Project and are visible from satellite imagery. The YPP also benefits from excellent existing infrastructure, including roads, rail and a skilled labour force that could support the development of this project.

HIGHLIGHTS

- **Portfolio of lithium pegmatites which could produce the largest hard rock lithium resource in North America**, with 13 different lithium pegmatite systems that are in large part exposed at surface and large enough to be visible from satellite imagery. Grades average between 1.0%- 1.2% Li_2O over widths of 10 to 30 m. Strike extents of pegmatites visible on surface are 100 to 1,800 m.
- **Initial Mineral Resource Estimate of 50.4 Mt at 1.00% Li_2O released in October 2024**, which is the 3rd largest initial resource estimate for spodumene projects in Canada.
- **The initial resource estimate further positions the YLP as a globally significant source of spodumene** and will underpin a Preliminary Economic Assessment that is on track to be completed in Q2 2025.
- **Completed metallurgical testing on 8 out of 13 pegmatites, achieving an average recovery of 79%** and producing high-quality spodumene concentrate grading 5.83% Li_2O . Commenced a Scoping Study for a proposed Lithium Carbonate Converter in Alberta to fully integrate with the Yellowknife Lithium Project
- **Advantageous location near railway.** Railway access at the town of Hay River, Northwest Territories, can be utilized for shipping spodumene concentrate. Spodumene concentrate could be moved by barge from Yellowknife to the rail head or by all-weather road.
- **Road accessible.** The Fi, Ki, Shorty, BIG, and Nite minerals leases are located within 60 km of the city of Yellowknife with road access.
- **3,450m drill program** to commence in August 2025. Completed 4,778m drill winter program in 2026.

PROJECT INFORMATION

Project: Yellowknife Lithium
Ownership: Li-FT Power Ltd.
Location: Within 60 Km East of Yellowknife
Latitude: 62.5831073441 N
Longitude: 113.495819199 W
Size: Spans approximately 151,253 hectares (373,759 acres)
Stage: Resource defined; economic studies
Resource: 50.4 Mt at 1.0% Li_2O of inferred resource category
Listings: TSXV: LIFT | OTCQX: LIFFF
FRA: WSO

CONTACT INFORMATION

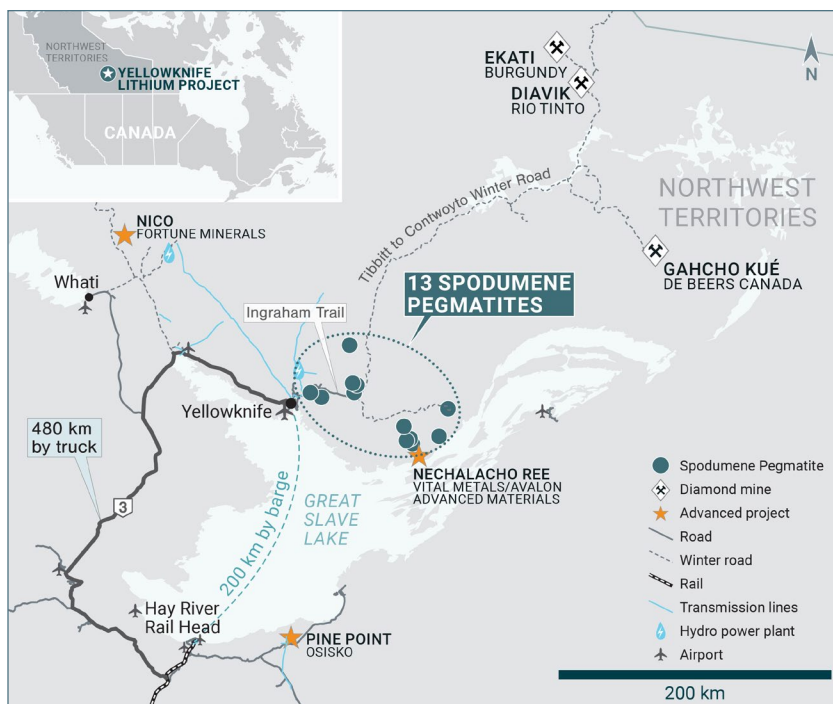
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GEODATA / REPORTS

In November 2024, Li-FT Power Ltd. filed an NI 43-101 Technical Report for its Yellowknife Lithium Project on SEDAR+ (www.sedarplus.ca). The report, titled "Initial Mineral Resource Estimate for the Yellowknife Lithium Project, Northwest Territories, Canada," presents an initial Mineral Resource Estimate ("MRE") for 8 of 13 spodumene-bearing pegmatite dykes at the Project. The consolidated in-pit MRE is reported at 50.4 million tonnes grading 1.00% Li_2O , totaling 506,000 tonnes of Li_2O (1.25 million tonnes of lithium carbonate equivalent, or LCE) in the inferred category.

ESG HIGHLIGHTS

- ▶ Executive Oversight through a Chief Sustainability Officer
- ▶ Strong, collaborative relationships with local Indigenous communities.
 - Established, effective engagement process.
 - Key Exploration Agreement secured.
 - Local and Indigenous employment & procurement prioritised.
 - To date, Yellowknife Lithium Project Employment (% Person Hours) Indigenous (40.4%) Local (Northern) (36.0%)
- ▶ Stable regulatory jurisdiction.
- ▶ Baseline Environmental and Socioeconomic Data collection initiated June 2023. In preparation for Environmental Assessment.

TRACK RECORD

Li-FT Power is a Canadian mineral exploration company focused on lithium pegmatite projects, with its flagship being the Yellowknife Lithium Project in the Northwest Territories. The company also has early-stage projects in Quebec and the Northwest Territories, dedicated to discovering and developing lithium deposits for battery materials.

PERMITS / COMPLIANCE

- ▶ Li-FT Power (LIFT) has permits for its Yellowknife Lithium Project and is focused on environmental baseline work in 2026 to support future engineering and permitting, following a major drilling program.
- ▶ Environmental Baseline Data Collection
 - Aquatic Studies
 - Terrestrial Surveys
 - Atmospheric Monitoring
 - Human Environment

TEAM EXPERTISE

Management: <https://www.li-ft.com/corporate/management/>
 Board: <https://www.li-ft.com/corporate/board-directors/>