Frontier Lithium

PAK Lithium Project

The company trades as FL on the TSX Venture Exchange.

FRONTIER LITHIUM

FrontierLithium.com

The Company

Frontier is a wholly Canadian company with a tight share structure with management ownership exceeding over 30% of the company. The Company has adopted a staged growth approach to exploration and development in order to avoid unnecessary share dilution – a strategic imperative for the Company.

The PAK Lithium Project

The PAK Lithium Project lies close to the boundary between two geological sub-provinces of the western Superior geologic province in northwestern Ontario and hosts a rare metals pegmatite low-iron spodumene deposit that includes 10.4 million tonnes of high-grade lithium. The deposit is analogous to the rare deposits that have supplied over 90% of the world's mineral (hard rock concentrate) supply.

Investment Highlights

- Potential low cost entry into lithium market.
- Total production of 1.14 million tonnes of technical grade concentrate 7.2% Li2O.
- Total production of 115,500 tonnes of chemical grade concentrate of 6.6% Li2O
- Lowest lithium acquisitions costs while still open in all directions with expenditures of CAD $7 million on the project to date resulting in extremely low lithium acquisition costs of exploration at $33.00/contained Li2O eq. tonne.
- Potential for near-term production of technical grade lithium for the ceramics and glass market and the future possibility to participate in the burgeoning lithium battery market.

Staged Approach for Growth

Our planned path into the global lithium market realizes the best return on investment and involves scaleable operations.

Frontier's **"First path"** leads to a **"Long Term path"**, believing that mines build chemical plants and not the other way around.

First Path: Sell to industrial use market with option to sell to chemical plants.

Lithium Deposit → Mine → Mill to Produce Concentrate

Sell to Industrial Use Market (Ceramic Glass)

Begin to supply rare, low-iron premium spodumene concentrate for ceramic glass market. This means selling it immediately for industrial uses by targeting US and European industrial users of Lithium concentrate.

AND OPTION TO

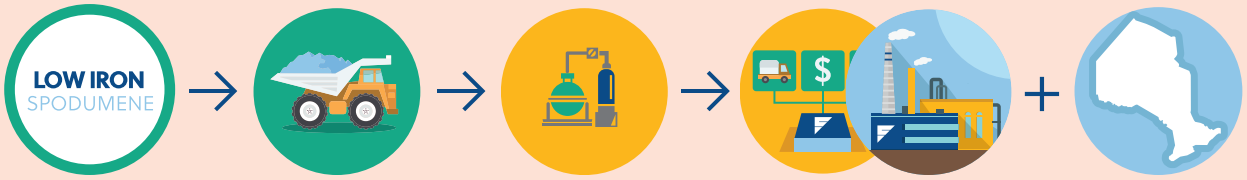
Sell premium low iron spodumene to chemical plant

Possibly selling it to a chemical plant for further upgrading to produce lithium compounds such as carbonate or hydroxide required for lithium batteries.

This first path satisfies the demands of the ceramics/glass market - representing 1/3 of the entire lithium market.

Ceramic/glass customers prefer to source technical-grade (low-iron) spodumene concentrate in excess of 7% lithium oxide (Li2O), if available, to avoid inferior lower grade petalite concentrates, or paying much higher prices for battery grade lithium compounds that require capital intensive chemical plants.

Long Term Path: Sell to industrial use market and sell to chemical plants. Become a global producer of compounds in Ontario.



Lithium Deposit → Mine → Mill to Produce Concentrate → Sell to Industrial Use Market (Ceramic Glass) ***AND/OR*** Sell to Chemical Plants + Invest in a chemical plant in Ontario

Invest in a chemical plant in Ontario that takes the lithium out of the spodumene and Ontario becomes a global supplier of compounds for the lithium ion battery market. We would still reserve some of the concentrate output from the mine to industrial markets (eg. ceramic glass).