General Office
2736 Belisle Drive
Val Caron, ON P3N 1B3
T. 705.897.7622
F. 705.897.7618

Frontier Lithium Awards Pre-Feasibility Study to Nordmin Engineering Ltd. for PAK Lithium Project

Sudbury, Ontario, November 24, 2016 - Frontier Lithium (TSX.V: FL) announces the selection of a qualified vendor to prepare a Pre-Feasibility Study ("PFS") for the development of the PAK Lithium Project and subsequently complete an NI 43-101 compliant report. The contract has been awarded to Nordmin Engineering Ltd. (Nordmin) of Sudbury, Ontario.

Frontier Lithium recently completed an upgraded NI 43-101 resource estimate for the PAK Lithium Project, which is located 175 kilometers north of Red Lake in northwestern Ontario. To date, exploration at the project site consists of channel sampling, bulk sampling and over 4,600 metres of diamond drilling. As lead consultant, Nordmin, along with Frontier will manage a group of selected third party consulting groups to deliver the PFS, which is expected to be completed between the end of March and early May 2017. The PFS will outline the technical and economic parameters of the Project to produce for the most part, technical grade lithium concentrates to determine its viability. The PFS will be based upon open pit mining methods.

Nordmin is a multi-disciplinary firm with offices in Thunder Bay, Sudbury and Kamloops, B.C. that provides civil/structural, mechanical, electrical, instrumentation/automation, mining, and metallurgy designs for their clients. Nordmin employs a number of specialist associates to assist in discrete efforts, such as geotechnical reviews, and other highly specialized roles.

The Nordmin Project team members assembled for this project have conducted numerous pre-feasibility studies and engineering work for a wide range of metal miners throughout Canada, and the world. Nordmin have recently completed projects very similar in scope for Harte Gold, KWG Resources, Xtierra Inc., Stillwater, Canadian Royalties and Pure Gold.

Media Requests

Joseph Mansourian
Manager, Communications & Branding
2736 Belisle Drive
Val Caron, ON.
P3N 1B3 CANADA
T. +001 705.618.0070
F. +001 705.897.761

The Company also announces that it has granted incentive stock options totalling 250,000 to a consultant. The options are set for a period of five years, expiring on November 24, 2021. The options are priced at $0.30 and are subject to regulatory approval.

General Office
2736 Belisle Drive
Val Caron, ON P3N 1B3

T. 705.897.7622
F. 705.897.7618

About Frontier Lithium Inc.

Frontier's goal is to become a low-cost, fully integrated lithium and tantalum producer through development of the PAK lithium deposit in Ontario, Canada. Frontier maintains a tight share structure with management ownership exceeding 30% of the Company. CAD $4 million of exploration work has been conducted from 2013 to 2016 on the deposit which boasts its lithium in a rare, high-purity, low-iron spodumene. 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 initial target market is the ceramic/glass industry which consumes roughly one-third of global lithium supply and is currently faced with monopolistic conditions, coupled with major lithium producers increasingly directing output toward supporting battery manufacture.

Ceramic/glass customers prefer to source technical-grade (low-iron) spodumene concentrate in excess of 7% lithium oxide (Li_2O), if available, to avoid inferior lower grade petalite concentrates, or paying much higher prices for battery grade lithium compounds that require chemical plants costing hundreds of millions of dollars.

The PAK lithium deposit remains open in all directions and Company Management believes the resource can be developed into a world-class operation. Once production of lithium concentrates are established from Frontier, the possible second stage of investment and longer term prospect is to further process some of PAK's output to produce the higher purity lithium compounds required for lithium battery technologies used in the electrification of transportation and electric grid storage applications.

For additional information, please visit the company website at **www.frontierlithium.com**

About 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 deposit. The deposit is an LCT (lithium- cesium- tantalum) type pegmatite. These types of pegmatites have been the principal source of hard rock lithium, tantalum, rubidium and cesium ores mined in the world but there are comparatively few commercially-viable deposits.

Frontier is actively exploring its 100% owned project which contains the Pakeagama Lake pegmatite. The PAK deposit is one of the highest grade lithium mineral resources in North America which has a current Measured and Indicated Resource of 7.89 million tonnes of 1.73% Li_2O equivalent (eq.) and Inferred Resource of 295,600 tonnes of 1.35% Li_2O eq. which has a technical/ceramic grade spodumene with low inherent iron (below 0.1% Fe_2O_3). The deposit has adjacent zones that are enriched in tantalum and rubidium. Frontier is also evaluating the phased co-production of tantalum and mica-product concentrates once lithium mineral production has been commercialized.

The deposit now has a known 500m strike length with an estimated true width varying from 10m to 125m with a sub-vertical orientation. The resource remains open to depth and along strike to the northwest and southeast.

- End -