

Global Ceramic Glass producer approves Lithium Product from Frontier

Sudbury, Ontario, July 11, 2017 – Frontier Lithium Inc. (TSX.V: FL) (the “Company”) is pleased to announce that it has satisfied product criteria of a leading global consumer of high purity lithium concentrates by a recently completed industrial trial/test as part of a 280 tonne bulk sample of the PAK lithium deposit.

“The results of lithium product testing from the PAK Lithium Project have been approved by a leading global ceramic glass manufacturer,” said Trevor Walker, President and CEO of Frontier Lithium. “As the glass and ceramics industry is the second largest market segment for lithium demand, qualifying our company and material from the deposit with a global lithium user is a very important part of our strategy for successful development. These results, in addition to the completion of the Pre-Feasibility Study currently being conducted on the project to assess the economic viability and technical feasibility of producing lithium concentrates, will provide the support to advance off-take negotiations to supply lithium products in the future.”

Mr. Garth Drever, P.Geo., is the “Qualified Person” for Frontier defined under NI 43-101 and has reviewed and approved the technical information contained in this news release.

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 \$4.5 million of exploration work has been conducted from 2013 to 2017 on the deposit which boasts its lithium in a rare, high-purity, low-iron spodumene. The initial target market is the glass-ceramic 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 (Li₂O), if available, to avoid inferior lower grade petalite concentrates, or paying much higher prices for battery grade lithium compounds.

The PAK lithium deposit remains open in all directions and Company Management believes the resource can be developed into a viable operation. The Company is currently conducting a pre-feasibility study to assess the economic viability and technical feasibility of producing lithium concentrates. If production of lithium concentrates can be 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.

About the PAK Lithium Project

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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% Li₂O equivalent (eq.) or 1.58% Li₂O and 104 ppm Ta₂O₅ and an Inferred Resource of 295,600 tonnes of 1.35% Li₂O eq. or 1.20% Li₂O and 103 ppm Ta₂O₅ which has a technical/ceramic grade spodumene with low inherent iron (below 0.1% Fe₂O₃). 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.

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Additional information regarding Frontier Lithium is available on SEDAR at www.sedar.com under the Company's profile and on its website at www.frontierlithium.com, including various pictures of ongoing work at the project.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.



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