

FRONTIER LITHIUM ANNOUNCES REMAINING 2022 EXPLORATION PLANS INCLUDING A MINIMUM OF 15,000 METERS OF DRILLING AND RELEASES THE RESULTS FROM CHANNEL SAMPLING AT THE BOLT PEGMATITE

SUDBURY, ON, May 2, 2022 /CNW/ - Frontier Lithium Inc. (TSXV: FL) (FRA: HL2) (OTCQX: LITOF) (the "Company" or "Frontier") is pleased to announce their 2022 exploration program and targets for the PAK Lithium Project (Project) in northwestern Ontario. Frontier's 2022 exploration activities will mainly include infill and step out drilling on the Spark deposit, as well as, detailed and regional mapping and prospecting in areas both proximal to known spodumene-bearing pegmatite deposits and in under-explored areas within their 27,000 ha claim block. Phase XI drilling was completed in March 2022 with a total of 1,343m in five holes drilled at the Spark deposit. All samples are currently being processed with results pending.

The company plans to continue evaluating the Spark pegmatite recommencing mid-May by now utilizing two diamond drills over the 2022 exploration period. With a current measured and indicated resource of 21 Mt averaging 1.56 per cent Li_2O and an additional inferred resource of 20 Mt averaging 1.48 per cent Li_2O , it is anticipated that the drilling will result in increases in all resource categories of the deposit.

Concurrently, a team of experienced geologists and prospectors will also work on a geological mapping and prospecting program. Emphasis will be placed on targeted areas of known spodumene-bearing pegmatites with the objective of making additional discoveries.

"Increasing the lithium resource base will add to the overall scalability of the PAK Lithium Project going forward ." states Garth Drever, Vice President Exploration of Frontier Lithium "Knowing that the Pennock pegmatite, 25 km to the northwest, has the grades and technical purity of the PAK deposit gives us confidence that more discoveries can be made."

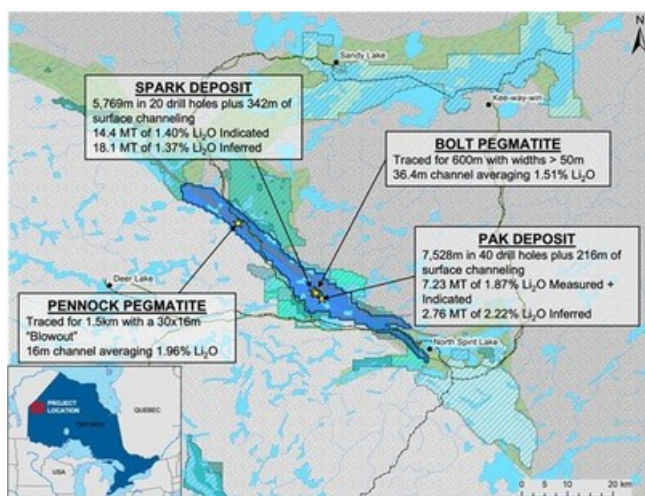


Figure 1 PAK Lithium Project Discoveries (CNW Group/Frontier Lithium Inc.)

During the 2021 fall drill program the team completed an additional channel on the recently discovered Bolt pegmatite located between the PAK and Spark deposits. Tables 1 and 2 provides

details on the mineralization and location of the channel while Figure 2 shows the channels relative to the outline of exposed pegmatite. Channel 49, cut 125 m to the northwest of the [previous channels](#), produced similar grades and mineral composition. The entire channel of 49m averaged 1.14% Li₂O, but included a 29m of a higher-grade interval measuring 1.45% Li₂O.

Bolt Channel										
One 49m channel was cut from the lake edge to the edge of exposed pegmatite. The first 6m was primarily metavolcanic-contact rock with minor aplitic veining. The 29m interval from 6 to 35m averaged 1.45% Li ₂ O while the entire channel (49m) averaged 1.14% Li ₂ O. .										
Zone	From (m)	To (m)	Width (m)	Li ₂ O (%)	Cs ₂ O (%)	Ta ₂ O ₅ (ppm)	Nb ₂ O ₅ (ppm)	SnO ₂ (ppm)	Rb ₂ O (%)	Unit
CH-49	0.0	49.0	49.0	1.14	0.01	87	76	50	0.23	Aplitic Pegmatite minor metavolcanics
including	6.0	35.0	29.0	1.45	0.01	95	80	45	0.24	Aplitic Pegmatite
including	44.0	49.0	5.0	1.63	0.01	91	91	66	0.27	Aplitic Pegmatite
Below are the results from the 2020 channeling at Bolt										
CH-46	0.0	5.0	5.0	1.23	0.02	136	63	50	0.23	Aplite/contact
CH-47	0.0	31.4	31.4	1.56	0.01	119	91	54	0.22	Aplitic Pegmatite
including	14.0	25.0	11.0	1.88	0.01	105	90	50	0.21	Aplitic Pegmatite
CH-46-47 (combined)	0.0	36.4	36.4	1.51	0.01	122	88	50	0.22	Aplitic Pegmatite/contact

Table 1: Details of Mineralized Intersections in Surface Channels (CNW Group/Frontier Lithium Inc.)

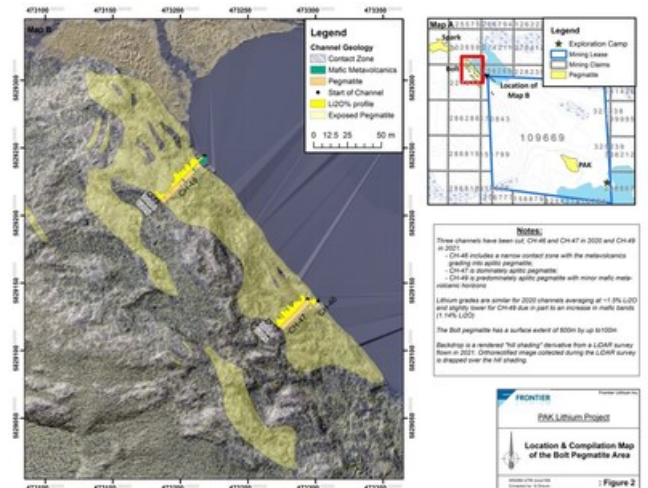


Figure 2: Compilation of the Bolt Pegmatite highlighting Channels cut and sampled in 2020 and 2021 (CNW Group/Frontier Lithium Inc.)

Channel		Date Sampled		UTM Zone 15N (NAD83)		Orientation		Metres Cut	
		Start Date	End Date	Easting	Northing	(mASL)	Azimuth	Dip	Start
Bolt	CH-46	9/18/2020	9/18/2020	473,302	5,829,137	325.0	225	15	0
	CH-47	9/18/2020	9/20/2020	473,294	5,829,138	325.5	225	20	0
	CH-49	9/24/2021	9/28/2021	473,218	5,829,244	325.5	225	20	0
Total metres cut									85.4

Table 2: Summary of Channels (CNW Group/Frontier Lithium Inc.)

Due Diligence

All scientific and technical information in this release has been reviewed and approved by Garth Drever, P.Geo., the qualified person (QP) under the definitions established by National Instrument 43-101.

About Frontier Lithium

Frontier Lithium is a preproduction business that is targeting to become a manufacturer of battery-quality lithium materials to support electric vehicle and battery supply chains in North America. Frontier is developing the PAK Lithium Project which contains one of North America's highest-grade, large-tonnage hard-rock lithium resources in the form of a rare low-iron spodumene. The project continues to have significant exploration upside with potential to increase the lithium resource. The Company is a pure-play lithium development opportunity with the largest land position in a premium lithium mineral district located in Northern Ontario.

About the PAK Lithium Project

The PAK Lithium Project contains North America's highest grade lithium resource that is top three in size on the continent and is considered premium quality globally as a result of its rare low-iron spodumene. A 2021 preliminary economic assessment (National Instrument 43-101 technical report titled "Pak Property" by BBA E&C Inc., issued on April 5, 2021) delivered a fully integrated lithium operation from the resource to achieve downstream conversion plan for production of battery-quality lithium salts. The study resulted in an after-tax net present value (discounted at 8 per cent) of \$974-million (U.S.) with a 21-per-cent internal rate of return. The Project encompasses close to 27,000 hectares at the south end of Ontario's Electric Avenue, the largest land package hosting premium lithium-bearing pegmatites in Ontario. The Project is supported by a measured and indicated resource of 21.64 million tonnes (Mt) averaging 1.56 per cent lithium oxide (Li₂O) and inferred resource of 20.87 Mt averaging 1.42 per cent Li₂O. The Project covers 65 kilometres of the Electric Avenue's length and remains largely unexplored; however, since 2013, the company has delineated two premium spodumene-bearing lithium deposits (PAK and Spark), located 2.3 kilometres apart. Considerable exploration upside is supported on the Project through two other spodumene-bearing discoveries: the Bolt pegmatite (located between the PAK and Spark deposits), as well as the Pennock pegmatite (25 kilometres northwest of PAK Deposit within the project claims).

Forward-looking statements

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. This release includes certain statements that may be deemed "forward-looking statements". All statements in this release, other than statements of historical facts, that address future production, reserve potential, exploration drilling, exploitation activities and events or developments that the Company expects are forward-looking statements. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those in the forward-looking statements. Factors that could cause actual results to differ materially from those in forward looking statements include market prices, exploitation and exploration successes, continued availability of capital and financing, and general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance and those actual results or developments may differ materially from those projected in the forward-looking statements. For more information on the Company, Investors should review the Company's registered filings available at sedar.com.

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