



**FRONTIER LITHIUM INC.**

**MANAGEMENT DISCUSSION AND ANALYSIS**

**FOR THE YEAR ENDED**

**MARCH 31, 2020**

This Management Discussion & Analysis (“MD&A”), for Frontier Lithium (“Frontier” or the “Company”), is prepared with an effective date of March 31, 2020 unless otherwise indicated and should be viewed in conjunction with the Company’s financial statements. Other continuous disclosure documents, including the Company’s press releases and other quarterly and annual reports are available through its filings with the securities regulatory authorities in Canada at [www.sedar.com](http://www.sedar.com) (“SEDAR”) and are also available on the Company’s website [www.frontierlithium.com](http://www.frontierlithium.com).

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## INTRODUCTION

The following management discussion and analysis (the "MD&A") objective is to help the reader better understand the activities of Frontier Lithium Inc. (the "Corporation") and the highlights of its financial condition. It explains the financial situation and the results for the three and twelve-month periods ended March 31, 2020 and 2019 and the comparison of the Corporation's consolidated condensed interim statement of financial position as at March 31, 2020 and March 31, 2019.

The MD&A has been prepared in accordance with Regulation 51-102 and should be read in conjunction with the audited consolidated financial statements for the twelve-month period ended March 31, 2020 and the audited consolidated financial statements of the Corporation for the fiscal year ended March 31, 2019 and the related notes thereto which are available on the SEDAR website at [www.sedar.com](http://www.sedar.com). All financial information contained in this MD&A and the Corporation's audited consolidated financial statements have been prepared in accordance with International Financial Reporting Standards ("IFRS"), also referred to as Generally Accepted Accounting Principles ("GAAP"), as issued by the International Accounting Standards Board ("IASB").

The audited consolidated financial statements have been prepared on a going concern basis, which assumes that the Corporation will be able to realize its assets and discharge its liabilities in the normal course of business as they come due into the foreseeable future.

The audited consolidated financial statements and this MD&A have been reviewed by the Audit Committee and approved by the Corporation's Board of Directors on July 27, 2020. Unless otherwise indicated, all the amounts in this MD&A are in Canadian dollars unless otherwise indicated.

## FORWARD LOOKING STATEMENTS

All statements, other than statements of historical fact, contained in this MD&A including, but not limited to, any information as to the future plans and outlook for the Corporation, constitute "forward-looking information" or "forward-looking statements" within the meaning of certain securities laws, and are based on expectations, estimates and projections as of the time of this MD&A. The words "anticipates", "plans", "expects", "indicate", "intend", "scheduled", "estimates", "forecasts", "guidance", "initiative", "outlook", "potential", "projected", "pursue", "strategy", "study", "targets", or "believes", or variations of or similar such words and phrases or statements that certain actions, events or results "may", "could", "would", or "should", "might", or "way forward", "will be taken", "will occur" or "will be achieved" and similar expressions identify forward-looking statements. Forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the Corporation, acting in good faith, as of the time of such statements, are inherently subject to significant business, economic and competitive uncertainties and contingencies. These estimates and assumptions may prove to be incorrect. Many of these uncertainties and contingencies can directly or indirectly affect, and could cause, actual results to differ materially from those expressed or implied in any forward-looking statements. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Forward-looking

statements are provided for the purpose of providing information about management's expectations and plans relating to the future. Readers are cautioned not to place undue reliance on these forward-looking statements as a number of important risk factors and future events could cause the actual outcomes to differ materially from the beliefs, plans, objectives, expectations, anticipations, estimates, assumptions and intentions expressed in such forward-looking statements. The Corporation disclaims any intention or obligation to update or revise any forward-looking statements or to explain any material difference between subsequent actual events and such forward-looking statements, except to the extent required by applicable law.

## I. REPORTING ENTITY, NATURE OF OPERATIONS, SCOPE OF ACTIVITIES AND GOING CONCERN

Frontier Lithium (“Corporation” or “the Corporation”) is a Canadian junior mining Corporation actively focused on the acquisition, exploration and development of mineral resource properties in North America. The Corporation is domiciled in Canada and incorporated under the Canada Business Corporations Act. The Corporations’ registered office is located at 2736 Belisle Drive, Greater Sudbury, Ontario (P3N 1B3). The Corporation is listed on the following exchanges:

Jurisdiction	Exchange	Symbol
Canada	Toronto Stock Exchange Venture (TSX.V)	<a href="#">FL</a>
United States	Over-the Counter (“OTC”) – Grey Market	<a href="#">HLKME</a>
Germany	Borse Frankfurt	<a href="#">HL2</a>

All material assets of the Corporation are located in the province of Ontario. The Corporation’s main assets include (not limited to), a mining lease, mining claims, exploration camp infrastructures and related equipment, vehicles, computer software and hardware.

## II. BUSINESS ACTIVITIES AND OBJECTIVES, PLANNED WORK AND FUTURE MILESTONES

### CORPORATION AND LOCATION

The Corporation is a pure-play lithium mineral exploration and development company focused on its PAK Lithium Project in northwestern Ontario, Canada. The Corporation maintains the largest land position on the Electric Avenue, an emerging premium lithium-mineral district which is hosted in the Canadian Shield of northwestern Ontario. The Electric Avenue is a major structural corridor in northwestern Ontario that divides two geological domains for hundreds of kilometers and hosts multiple rare metal occurrences containing high levels of lithium in the mineral called spodumene. Chief among these known occurrences is the PAK pegmatite deposit, located at the southeastern end of the Electric Avenue on the Corporation's PAK Lithium Project ([Figure 1](#)).

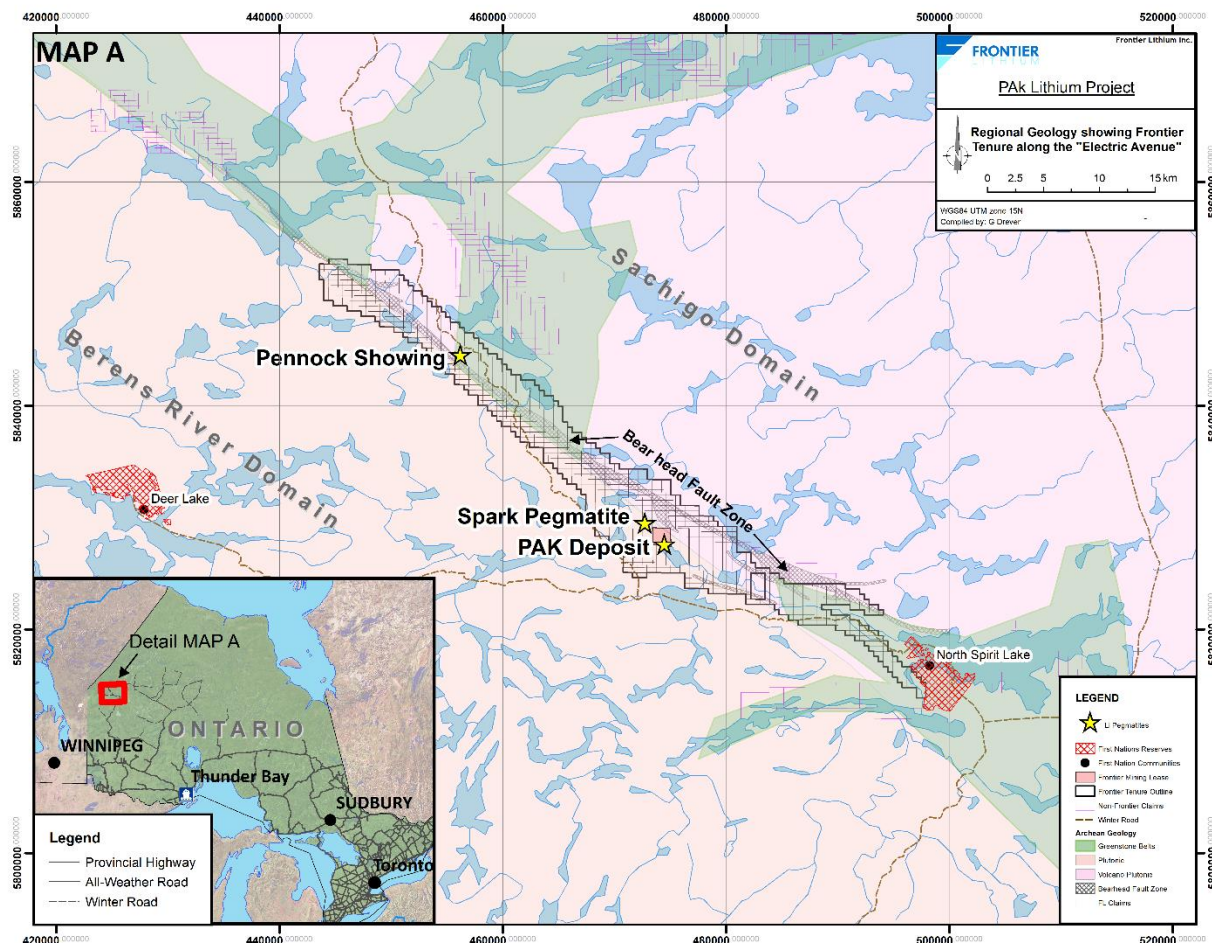


Figure 1: Project Location

## CORPORATION OVERVIEW

The Corporations' goal is to profitably produce lithium products for industrial users and participate in a fully integrated North American Battery Ecosystem driven by electric vehicles, mobile phones, and stationary energy storage. Frontier Lithium's objective is to build a fully integrated operation to produce premium lithium concentrates for industrial uses and downstream lithium chemicals essential for the burgeoning electric vehicle market. Through a phased approach the Corporation plans to scale up to 25,000 tonnes by 2025 through ramping

up production of concentrates and building a downstream processing facility to produce lithium chemicals required by glass and battery materials producers.

The Corporation has been actively involved since February 2013 in the exploration and development of the PAK Lithium Project, which hosts at surface the highest quality spodumene lithium hard rock deposit in North America ([Figure 2](#)).



**Figure 2: PAK deposit at surface**

High-quality is defined by low impurity levels (e.g. iron levels less than .15%  $\text{Fe}_2\text{O}_3$ ), high grade and volume determining an economically viable resource. The Phase I development plan is an “Advanced Exploration Program” to commence construction of a Demonstration Concentrator Plant by 2022 to confirm the Project’s ability to prove suitable lithium products for users and its economic viability. The Corporation is currently in the engineering, planning and permitting stages of the development program whilst it is in discussion with potential users who are seeking an alternative supply of technical grade concentrates.

The demonstration plant is expected to have a capacity to produce up to 15,000 tonnes of lithium concentrate (mineral spodumene and approximately 2,000 LCE) per year from a representative surface sample of the PAK deposit. The PAK Deposit, a surface outcropped deposit (Figure I), naturally containing up to 4.5% lithium oxide (“ $\text{Li}_2\text{O}$ ”), will be processed via gravity, heavy media, flotation and magnetic processes and equipment readily available resulting in a range of spodumene concentrates from 6.0 to 7.2%  $\text{Li}_2\text{O}$ .

The PAK mining property has economically recoverable ore reserves, pursuant to a NI-43-101 technical report (Pre-Feasibility Study) regarding the PAK Lithium Mine with an effective date of March 2, 2018 and filed on SEDAR on April 16, 2018 (the “2018 Pre-Feasibility Study”), and updated on March 23, 2020. The Corporation is currently in the development stage with respect to its PAK deposit and also in the exploration stage with the newly



discovered Spark lithium deposit located 2km up the Electric Avenue from PAK. Both the development work and exploration (together the “PAK Lithium Project”) are progressing based on the funds available to the Corporation. As at March 31, 2020, \$12.5 million of capital expenditures have been incurred on the PAK Lithium Project. Currently the Corporation is conducting an internal scoping study with engineering coupled by quotes for equipment and installation to launch Phase I Development plans. This engineering work is driving the permitting, offtake discussions and project financing for the construction and operation of the Demonstration Plant.

The preparation of the consolidated financial statements in conformity with IFRS requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in future periods affected.

### III. HIGHLIGHTS FOR THE FISCAL-YEAR ENDED MARCH 31, 2020 AND UP TO THE DATE OF THIS REPORT AND NEXT STEPS

#### EXPLORATION AND DEVELOPMENT HIGHLIGHTS:

During the fiscal year ended March 31, 2020 and up to the date of this report, exploration continued at the PAK Lithium Project. As at March 31, 2020, a total of \$12.5 million in acquisition and exploration expenditures have been incurred on the project.

The Corporation had an extremely successful year by advancing exploration and development work. In Fiscal 2020 the company completed two phases of diamond drilling and produced a maiden resource estimate on the recently discovered Spark deposit. The company formed a strategic partnership to develop lithium hydroxide chemical technology to diversify the Corporation from an exploration focus with the addition of development work to transition the project towards production of premium concentrates and initial steps towards the potential to further refine lithium concentrate feedstock to produce higher purity lithium hydroxide chemicals.

## A New Discovery “the Spark”

On November 7, 2018 the Corporation announced the discovery of the Spark pegmatite intruding vertically into metavolcanics and metasedimentary host rocks. The pegmatite is located 2.3 km north-west of the PAK deposit. As a result of the Spark discovery, the Corporation increased their land position on the Electric Avenue by staking an additional 891 claim cells totalling 17,766 ha over a 65 km strike length.

Channel sampling was initiated at the time of discovery in September 2018 and completed a month later in October. The pegmatite is well exposed where minimal stripping by hand was required to complete the channel sampling. In total 236.4m of channels were cut representing two main transects. Results proved consistent lithium grades and homogeneity across the width of the exposed pegmatite as highlighted by one transect of 94.5m averaging 1.85% Li<sub>2</sub>O.

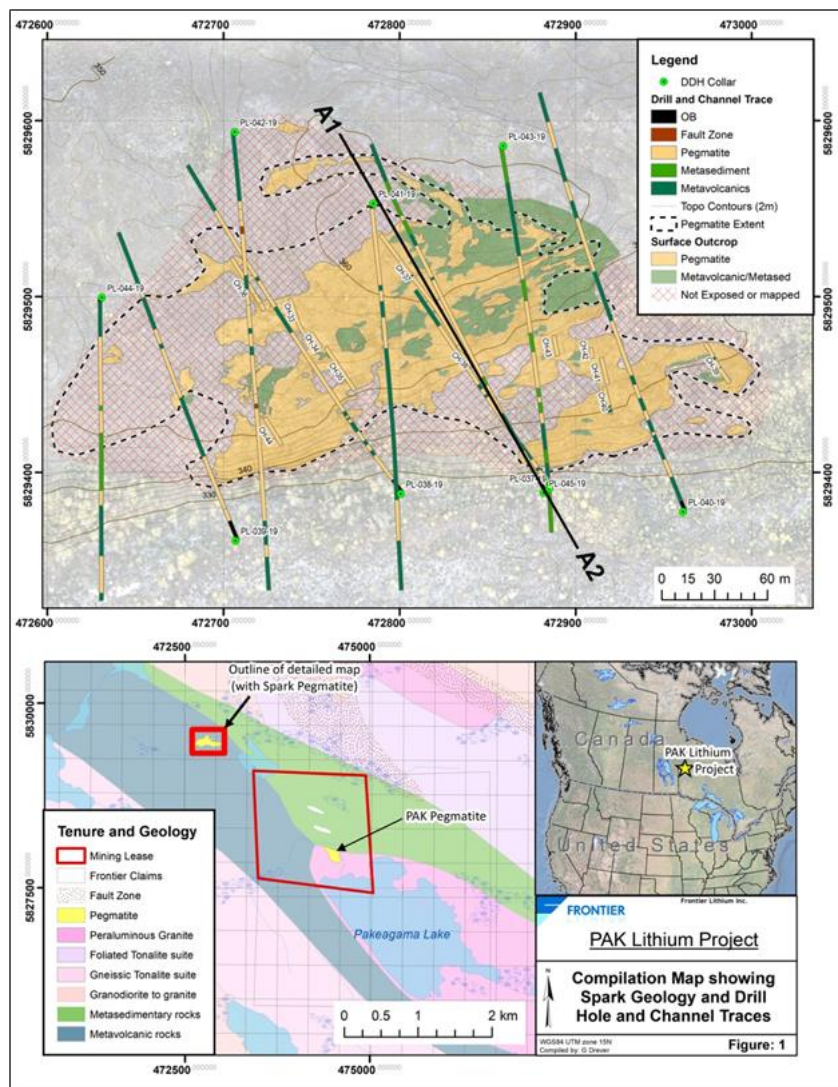
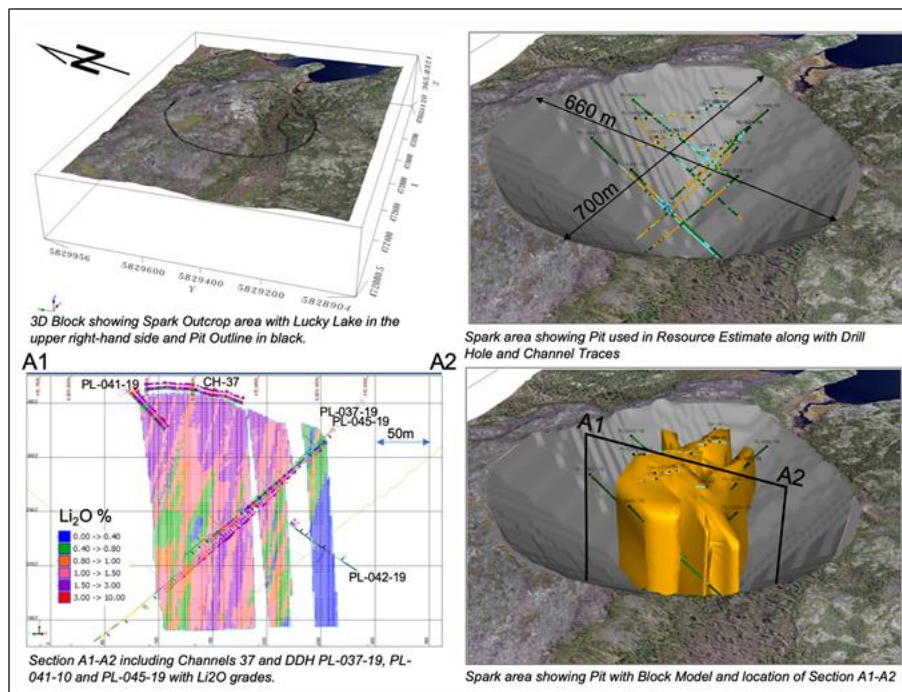


Figure 3: Location Map showing project area and location of drill holes and channels on the Spark Pegmatite

The Corporation followed up in February 2019 with a 1,340 metre, 5-hole diamond drill program. Four of the holes were drilled from the south with one hole drilled from the north. All holes intersected significant widths of 20 to

74m of pegmatite averaging 1.2 to 1.92% Li<sub>2</sub>O. All indications suggest that the Spark pegmatite intruded vertically, cross cutting in an east-west direction, the main trend of the Bearhead fault zone and appears characteristically similar to the LIZ (Lower Intermediate Zone) of the PAK pegmatite.

A second phase of drilling consisting of 4 drill holes, three of which were drilled from the north, totalling 1,160m and an additional 52m of channeling was completed in July 2019. The initial hole intersected a total of 231m of pegmatite averaging 1.6% Li<sub>2</sub>O. All indications suggest the Spark Pegmatite is vertically emplaced; open to the west with a multiple dyke-system extending to the east. The summer drilling completed the transects required for the resource estimate announced by WSP (February 4, 2020). The resource estimate for Spark of 3.2 MT Indicated and 12.23 MT Inferred averaging 1.59% and 1.36% Li<sub>2</sub>O respectively, has more than doubled the overall lithium resource for the project.



**Figure 4: 3D Rendering of the Spark Pegmatite showing drill holes, channels and Block Model used in the Resource Calculation**

The Corporation is currently performing a geostatistical analysis and metallurgical testing on representative samples from the Spark discovery. The primary objective from management is to determine whether material from the showing has the potential to produce technical grade concentrates like that of the PAK Deposit. This type of information is key to building a sustainable plan for a potential future Commercial scale mining operation on the Project.

Management believes that the Spark discovery combined with the PAK deposit is now considered “World-Class” and the size of resource would allow for Frontier’s objective of being a future fully integrated mining and chemical company producing 25,000 tonnes LCE for an estimated 15 or more years.

## DEVELOPMENT

***Phase I Demonstration Concentrator to produce “quality feedstock” and serve as Feasibility for scaled Phase II Commercial Operations.***

In April, 2019, the Corporation announced a plan to potentially build a demonstration concentrator plant at the PAK Project to produce multiple lithium feedstock products for both industrial and battery markets ([Figure 5](#)).



**Figure 5: Frontier Technical Grade Spodumene sample containing 7.2% lithium oxide and .13% iron oxide**

Construction of the plant should commence in the next 12-20 months providing related permits and financing are confirmed.

The key goals of the Demonstration Plant are to:

- Commence construction by March 2022.

- Produce high-quality technical grade concentrates (7.2% Li<sub>2</sub>O) for the expanding glass and ceramics markets;
- Produce high-quality chemical grade concentrates (6% Li<sub>2</sub>O) for the rapidly developing lithium battery market;
- Qualify products that meet specific customer and application requirements to secure North American and European off-take agreements;
- Validate and optimize the mining and milling technology and flow-sheet design in advance of finalizing the Phase II Commercial Production feasibility study;
- Serve as a training facility for the local workforce to maximize local benefits of the future mining and milling operations;

The spodumene concentrates will be produced at site from the PAK Deposit. This plant, once in operation, will process spodumene ore to produce high quality concentrates using simple open pit mining and conventional processing operations. Currently, approximately 90% of low-iron technical grades concentrates for the top-tier glass makers are supplied by one mine, providing a niche opportunity for Frontier.

The PAK deposit is located on the other side of the globe from the world-class operating Greenbushes' deposit in Western Australia which has dominated global hard rock supply for years (approximately 30% of the world's demand for lithium). The demonstration plant will enable the Corporation to reach out to customers and offer a high quality, reliable, long term and cost effective North American alternative. Our phased approach provides certainty and aligns optimal timing for Frontier and customers in the industrial and battery applications in this fast growing and tightly controlled lithium market.

***Strategic Partnership to Pilot Technology to “refine feedstock to produce lithium chemicals”.***

The Corporation has identified specific technology and markets of interest for lithium compounds produced from the transformation of spodumene concentrate and has identified that high-quality feedstock and subsequent lithium salts will demand a premium. Frontier's PAK lithium project is located in the Great Lakes region, a location identified by the Corporation to become a critical North American supply chain hub for electric vehicle production and sales.

On April 24<sup>th</sup>, 2019 the Corporation entered into a strategic partnership agreement with XPS Expert Process Solutions (“XPS”) a Glencore Corporation, and Dr. Ahmad Ghahreman, a Queen's University Professor, to develop a process to refine spodumene concentrate into lithium hydroxide (see [Figure 6](#)).



**Figure 6: Sample of Lithium Hydroxide Monohydrate salt containing 35.6% lithium oxide**

The partnership reflects Frontier's commitment to lay the foundation for a regional, vertically integrated Battery Ecosystem energizing Ontario's drive to prosperity. The joint project will be conducted in Canada and has commenced with a Phase I bench-scale study that includes single stage dense media separation (DMS), flotation, pyrometallurgy and hydrometallurgy. Phase I is evaluating the potential purity and recovery of lithium from representative concentrates generated firstly by the PAK Deposit to ultimately improve commercial understanding and provide data for generation of a pilot process. The test work is expected to conclude by the end of the second quarter of fiscal 2021.

Leveraging expertise through partnerships echoes Frontier's approach to foster research and sustainable innovation. The Corporation believes that this alliance will spearhead the production of high-quality battery grade lithium products in Northern Ontario and help establish this region as a significant Canadian contributor to clean energy technology. With close proximal location, Frontier is targeting the vehicle manufacturing potential of Ontario and Michigan as the greatest potential use of lithium compounds possibly produced in the future by the Corporation.

## IV. MINING PROPERTY, 2020 PRE-FEASIBILITY STUDY (PFS) UPDATE, MINERAL RESOURCES AND MINERAL RESERVES

At the date of this report, the Corporation owns 100% of the PAK Lithium mining property consisting of one mining lease and 1,378 contiguous mining claim units totalling 26,774 hectares, whereby the PAK deposit is contained ([Figure 1](#)).

There has been no previous mining or other development activities on the project. The only activities have been early exploration including line cutting ground geophysics, geological mapping, outcrop sampling, diamond drilling, and a 280-tonne bulk sample from the PAK deposit's high-grade zone (UIZ) at surface in 2015. The Project area is underexplored and is currently in its ninth (9<sup>th</sup>) phase of diamond drilling and is serviced by a temporary 20-person camp.

On March 23, 2020 the Corporation filed an updated NI 43-101 Technical Report entitled the PAK Preliminary Feasibility Study and Spark Resource Estimation, Red Lake Mining District, Ontario, Canada by WSP Canada Inc. and Nordmin Engineering Ltd. Of note, the PFS was performed on the PAK deposit and not inclusive of the Spark deposit with the controlling factor being infrastructure limitations of the 150km of winter road only access and diesel power generation to assess the viability of a mining and milling operation to produce high quality spodumene concentrates (mostly premium technical grade concentrates).

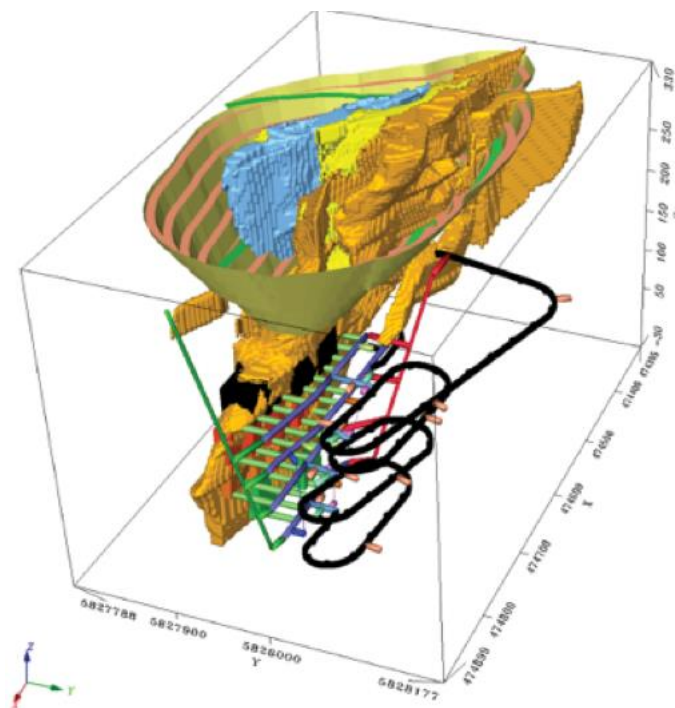


Figure 7: PFS Mine Design

The table below highlights selected information taken from the [Pre-Feasibility Study](#) filed on SEDAR on March 23,2020 and should be referenced for details when reviewing the below information:

**Table 1: Pre-Feasibility 2020 highlights**

<b>Production Profile</b>	
Total Tonnes Milled	5.8 million
Diluted Head Grade	2.00% Li <sub>2</sub> O
Mine Life	16 years
Daily mill commercial throughput	1,090 tpd
Lithium Recovery	78.5%
Total TG Production (7.2% Li <sub>2</sub> O)	1.14 MT
Total CG Production (6.6% Li <sub>2</sub> O)	115,500 tonnes
<b>Economic Assumptions and Parameters</b>	
Exchange Rate (USD/CAD)	\$1.25
Discount Rate	8%
TG_SC7.2 Price (USD)	\$1,250/tonne
CG_SC6.6 Price (USD)	\$750/tonne
<b>Project Economics</b>	
<b>Pre-Tax</b>	
NPV (8% Discount Rate)	\$448 M
Internal Rate of Return	46.5%
Cumulative Cash Flow	\$1,013 M
<b>Post-Tax</b>	
NPV (8% Discount Rate)	\$301 M
Internal Rate of Return	38.3%
Cumulative Cash Flow	\$700 M
<b>Capital Requirements</b>	
	<b>\$ Millions</b>
Site Prep/ Infrastructure	45.6
Mill Processing	59.3
Power Distribution	6.4
Open Pit Equipment	12.9
Water treatment and waste management	9.5
Contingency	13.5
<b>Total Pre-production Capital Cost</b>	<b>147.3</b>
<b>Total Sustaining Capital Cost</b>	<b>36.6</b>
<b>Operating Costs</b>	
	<b>\$ Millions</b>
Direct Open Pit Mining Cost	4.06
Direct Underground Mining Cost	84.07
Direct Processing Cost	18.01



Table 2: Resource Table<sup>1</sup>

Cut-off	Resource Category	Geologic Zone	Tonnes (t)	Li <sub>2</sub> O (%)	Contained Li <sub>2</sub> O (t)	LCE (t)
0.4% Li <sub>2</sub> O eq.	Measured	Upper Intermediate Zone (UIZ)	324,720	3.95	12,830	31,690
		Lower Intermediate Zone (LIZ)	920,330	1.72	15,848	39,145
		<b>Total Lithium Zone</b>	<b>1,245,050</b>	<b>2.30</b>	<b>28,678</b>	<b>70,835</b>
	Indicated	Upper Intermediate Zone (UIZ)	333,200	3.23	10,776	26,617
		Lower Intermediate Zone (LIZ)	5,909,500	1.89	111,690	275,874
		<b>Total Lithium Zone</b>	<b>6,242,700</b>	<b>1.96</b>	<b>122,465</b>	<b>302,489</b>
	Measured + Indicated	Upper Intermediate Zone (UIZ)	657,920	3.59	23,605	58,304
		Lower Intermediate Zone (LIZ)	6,829,830	1.87	127,538	315,019
		<b>Total Lithium Zone</b>	<b>7,487,750</b>	<b>2.02</b>	<b>151,143</b>	<b>373,323</b>
	Inferred	Upper Intermediate Zone (UIZ)	13,000	3.56	463	1,144
		Lower Intermediate Zone (LIZ)	1,819,000	2.09	37,982	93,816
		<b>Total Lithium Zone</b>	<b>1,832,000</b>	<b>2.10</b>	<b>38,439</b>	<b>94,944</b>
	Grand Total	Total Lithium Zone in Bulk Pegmatite	9,319,750	1.82	189,582	468,268

Table 3: Reserve Table<sup>2</sup>

Reserve Category	Tonnes	Li <sub>2</sub> O %	Contained Li <sub>2</sub> O (t)	LCE (t)
<b>Open Pit</b>				
Proven	1,190,000	2.39	28,441	70,249
Probable	2,930,000	1.93	56,549	139,676
<b>Sub total</b>	<b>4,120,000</b>	<b>2.06</b>	<b>84,872</b>	<b>209,634</b>
<b>Underground</b>				
Probable	1.65	1.84	30,360	<b>74,989</b>
<b>Total (OP+UG)</b>	<b>5.77</b>	<b>2.00</b>	<b>115,400</b>	<b>285,038</b>

<sup>1</sup> Mineral resources which are not mineral reserves do not have demonstrated economic viability. Inferred mineral resources are exclusive of the Measured and Indicated resources.

<sup>2</sup> Reserves' categories are compliant with Canadian Institute of Mining, Metallurgy and Petroleum (CIM) Definitions Standards for mineral resources in concordance with National Instrument 43-101 – Standards of Disclosure for Mineral Projects. The cut-off grade for the open pit Mineral Reserves Li<sub>2</sub>O Eq. ≥ 0.4% and the cut-off grade for the underground Mineral Reserves is Li<sub>2</sub>O ≥ 0.80%. The effective date of the Mineral Reserves estimate is March 23, 2020. Numbers are rounded to the nearest thousand.

The Corporation has expended to March 31, 2020 a total of \$12,409,098 in acquisition and deferred exploration costs. Reserve LCE/PAK Lithium Project acquisition/exploration costs total an estimated CAD \$37.72/LCE, a justified investment given that current battery grade carbonate pricing is approximately \$8,000 / tonne in global markets.

Lithium and market analysts consider 20 years supply of 20k tonnes LCE or 400k tonnes LCE total as being a key project metric for evaluating companies and projects globally. With PAK deposit reserves currently at 285,038 LCE, management in early 2018 set out looking for approximately 5 million additional near surface tonnes on the PAK Lithium Project. With the discovery of the Spark pegmatite only 2km from the PAK deposit, the Corporation has deemed Spark as the most cost-effective way of sourcing an additional 114,962 LCE to hit the “chemical grade” feedstock metric as outlined above. This is an attainable goal given that Spark maintains approximately twice the surface area of the PAK deposit and drilling results to date have intersected strong grades and thicknesses.

The current ratio of PAK deposit reserve to resource is 0.76 from the 2018 PFS, and when using that factor, approximately 151,265 LCE resource is required and therefore being targeted within 300 metres of surface on the Spark showing. Using a conservative grade of 1.35%  $\text{Li}_2\text{O}$  in the bulk pegmatite and 10% contingency it is estimated that approximately 5 million tonnes of measured and indicated resource is required to meet the 20 year, 20k LCE objective. In conclusion, the above rationale has been used for the short-term exploration expenditures on the project and establish management’s goal with the maiden resource estimate of 5 - 10 million tonnes that fall under all categories (measured and indicated).

On February 4<sup>th</sup>, 2020 the Company announced the N.I. 43-101 maiden mineral resource estimated for the Spark pegmatite (see Table 4) including 3.2 MT in indicated averaging 1.59%  $\text{Li}_2\text{O}$  and 12.2 MT averaging 1.36%  $\text{Li}_2\text{O}$  in the inferred categories.

**Table 4: Summary of Mineral Resource Estimate for the Spark Pegmatite<sup>3</sup>**

Cut-Off	Resource Category	Tonnes (t)	Li <sub>2</sub> O (%)	Nb <sub>2</sub> O <sub>5</sub> (ppm)	Cs <sub>2</sub> O (%)	Ta <sub>2</sub> O <sub>5</sub> (ppm)	Rb <sub>2</sub> O (%)	SnO <sub>2</sub> (ppm)	Lithology
0.65%	<b>Indicated</b>	3,248,000	1.59	56	0.015	123	0.26	68	Aplite/LIZ
Li <sub>2</sub> O	<b>Inferred</b>	12,228,000	1.36	45	0.020	107	0.23	53	Aplite/LIZ

The deposit remains open in all directions and preliminary electron microprobe data suggest much of the spodumene within the pegmatite contains iron levels in spodumene that are consistent with technical grade concentrates. It is estimated that an expenditure of \$750,000 and 2,000 metres of future drilling is required to increase the resource up to the measured and indicated goal mentioned above. The company is planning on accomplishing the drilling and resource update in Fiscal 2022.

## V. SELECTED FINANCIAL INFORMATION

The following table summarizes the Corporations' selected key financial data taken from the consolidated statements of loss for the years ended March 31, 2020 and 2019 as well as the consolidated statement of financial position as at March 31 for the years of 2020, and 2019.

Consolidated statements of Loss		
	Years ended March 31	
Earnings and loss	2020 (\$)	2019 (\$)
Loss before income taxes	1,819,026	1,761,967
Net loss	1,646,511	1,643,458
Loss per share, basic and diluted	\$(0.01)	\$(0.01)

<sup>3</sup> Mineral Resource Estimate Notes:

1. Mineral Resources were prepared in accordance with NI 43-101 and the CIM Definition Standards (2014). Mineral resources that are not mineral reserves do not have demonstrated economic viability. This estimate of mineral resources may be materially affected by environmental, permitting, legal, title, taxation, sociopolitical, marketing, or other relevant issues.
  2. Open pit Mineral Resources are reported at a cut-off grade of 0.65 % Li<sub>2</sub>O that is based on a spodumene concentrate prices of US\$700/tonne and an exchange rate of 1.3.
  3. Appropriate mining costs, processing costs, metal recoveries, and inter ramp pit slope angles were used by WSP to generate the pit shell.
  4. Rounding may result in apparent summation differences between tonnes, grade, and contained metal content.
  5. Tonnage and grade measurements are in metric units.
  6. Contributing assay composites were capped at 3.55% Li<sub>2</sub>O.
  7. A bulk density factor of 2.718 was applied to the pegmatite based on 241 measurements.
- Modeling was performed using GEOVIA Surpac® 2019 software with grades estimated using ordinary kriging (OK) interpolation methodology. Samples were composited at 1.0 metre down hole and composites were capped at 3.55% Li<sub>2</sub>O. Block grades were estimated on a multi pass basis with a minimum and maximum number of composites required for each estimation pass. Block size is 2 metre by 2 metre (y) by 2 metre (z). Additional information about the Mineral Resource modeling methodology will be documented in the upcoming NI 43-101 technical report (the "Technical Report").

<b>Consolidated statements of Financial Position</b>		
	<b>Years ended March 31</b>	
	<b>2020 (\$)</b>	<b>2019 (\$)</b>
Cash and cash equivalents	565,946	659,791
Restricted cash (flow-through expenditures)	196,232	90,101
Working capital	313,245	243,198
Total assets	13,552,282	11,926,385
Total liabilities	665,469	702,157
Shareholder's Equity	12,886,813	11,224,228

#### CONSOLIDATED STATEMENT OF FINANCIAL POSITION AS AT MARCH 31, 2020

As at March 31, 2020, the current assets of the Corporation were at \$978,714, an increase of \$33,359 when compared to March 31, 2019. The increase in the total assets during the twelve-month period ended is mostly due to the increase in cash and cash equivalents.

## Statement of Operations, Comprehensive Loss and Deficit

For the years ended	March 31	March 31
	2020	2019
<b>Expenses</b>		
Stock option compensation (Notes 7 and 8(e))	\$ 449,189	\$ 407,557
Consulting (Notes 7)	391,591	383,263
Wages and benefits	221,999	155,826
Vehicle and travel	169,768	249,291
General and administrative	276,819	207,153
Professional fees	174,800	174,266
Amortization (Note 5)	70,951	53,253
Shareholder and investor relations	3,944	22,339
Insurance	22,773	20,638
Telephone	15,386	12,038
Office rental (Note 7)	9,000	9,000
Bank charges and interest	6,916	6,155
Foreign exchange	1,335	3,879
	<b>1,814,471</b>	<b>1,704,658</b>
<b>Net loss before items below</b>	<b>(1,814,471)</b>	<b>(1,704,658)</b>
Investment income	-	13,356
Unrealized gain (loss) on investments - FVTPL (Note 3)	( 19,453)	(42,208)
Realized loss on investments	14,898	(740)
Loss on extinguishment of debt {Note 8(f)}	-	( 27,717)
<b>Net loss before income taxes</b>	<b>(1,819,026)</b>	<b>(1,761,967)</b>
<b>Income tax recovery</b>		
Current (Note 6)	-	-
Deferred (Note 6)	172,515	118,509
	<b>172,515</b>	<b>118,509</b>
<b>Net loss and comprehensive loss for the year</b>	<b>\$ (1,646,511)</b>	<b>\$ (1,643,458)</b>
<b>Deficit, beginning of year</b>	<b>(23,910,492)</b>	<b>(22,267,034)</b>
<b>Deficit, end of year</b>	<b>(25,557,003)</b>	<b>(23,910,492)</b>
<b>Basic and diluted loss per share</b>	<b>\$ (0.01)</b>	<b>\$ (0.01)</b>
<b>Weighted average number of shares</b>	<b>158,649,613</b>	<b>148,124,619</b>

Table 5: Statement of Operations, Comprehensive Loss and Deficit

The results for the twelve-month period ended March 31, 2020 show a loss before other items and income taxes of \$1,819,026 (\$1,761,967 for the same period in the previous year) as seen in [Table 5](#). The Corporation has no revenue from operations.

As seen in the previous consolidated statement of loss and comprehensive loss, the main expense variations between the current year and previous years comparative figures having an impact on the net loss and not including stock option compensations are: i) increase by \$75,035 with the combined consultant fees, professional fees, wages and benefits mainly due to a decrease in the corporate human resources activities.; ii) promotion and advertising combined with representation, missions and trade shows decreased vehicle and travel expenses by \$79,523; iii) general and administrative expense increase of \$69,666.

## FINANCING ACTIVITIES FOR THE TWELVE-MONTH PERIOD ENDED MARCH 31, 2020

Between April 1, 2019 and March 31, 2020:

1,466,666 options were exercised by officers, and board members at prices per share varying between \$0.10 and \$0.19 with a weighted average price of \$0.14. Shareholders did not exercise warrants during the twelve-month period ending March 31, 2020.

The Corporation issued 78,602 shares of the company and 39,301 share purchase warrants to settle \$22,009 of debt to a supplier providing surveying services on the PAK Lithium Project.

The Corporation completed three Private Placements pursuant to which the Corporation issued 8,338,007 common shares at a weighted average price of \$0.36 per share for aggregate gross proceeds of \$3,032,408.

## INVESTING ACTIVITIES FOR THE TWELVE-MONTH PERIOD ENDED MARCH 31, 2020

During the twelve-month period ended March 31, 2020, a net amount of \$1,701,422 was used in investing activities comprised primarily of metallurgical testwork and diamond drilling. Highlights include cash flows used for investments in property, plant and equipment required a net cash amount of \$6,568; while the investments in exploration and the evaluation assets total \$1,656,921. For details on the investment activities, please refer to the “Highlights for the twelve- month period ended March 31, 2020 and up to the date of this report and next steps” section at the beginning of this document under the sub-sections “Exploration” and “Development”.

## VI. SELECTED QUARTERLY DATA

Operating results for each of the last 8 quarters are presented in the table below. The data related to these quarters were prepared in the same manner as that of the audited financial statements for the fiscal year ended March 31, 2020.

Operating results as of:	Net Profit or (Loss) (\$)	Loss per share – basic (\$)
<b>Year Ended 2020</b>	<b>(1,646,511)</b>	<b>(0.01)</b>
March 31, 2020	(273,650)	(0.001)
December 31, 2019	(816,075)	(0.005)
September 30, 2019	(230,847)	(0.002)
June 30, 2019	(325,939)	(0.001)
<b>Year Ended 2019</b>	<b>(1,643,458)</b>	<b>(0.01)</b>
March 31, 2019	(178,600)	(0.001)
December 31, 2018	(463,319)	(0.003)
September 30, 2018	(348,195)	(0.002)
June 30, 2018	(653,344)	(0.001)

### ACTIVITIES IN THE COMMON SHARES, SHARE PURCHASE OPTIONS, WARRANTS ISSUED TO SHAREHOLDERS AND COMPENSATION OPTIONS TO BROKERS:

Refer to Note 8 of the consolidated financial statements as at and for the period ended March 31, 2020 for the detailed breakdown on this section.

### COMMON SHARES AND FINANCING SOURCES:

The Corporation issued 9,883,275 common shares and generated \$3,254,334 in cash and cash equivalents during the twelve-months ended March 31, 2020 to total 162,102,672. 84% of the shares issued were related to three private placements to raise funds for the Corporation's overhead costs as well as exploration activities on the PAK Lithium Project.

### OPTIONS:

As at March 31, 2019 the Corporation had 11,850,000 outstanding options that were granted by the Board of Directors which had a weighted average exercise price of \$0.37. During the twelve months a total of 1,466,666 options were exercised at a weighted average price of \$0.14 per share and a total of 2,316,666 options were granted at a weighted average price of \$0.30 per share. At the time of this report the Corporation has 12,700,000

outstanding options at a weighted average exercise price of \$0.33. In fiscal-year 2020 there were 450,000 share purchase options which were exercised at a price of \$0.135 which were to expire on November 11, 2019. All share purchase options can be exercised for one full common share.

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## WARRANTS ISSUED TO SHAREHOLDERS:

As at March 31, 2020 the Corporation had 12,869,967 outstanding share purchase warrants with a weighted average price of \$0.54 as a result of financings within the past two calendar years.

## VII. OUTLOOK:

### *Time for Lithium*

The amount of inventory of spodumene concentrate in China is uncertain. One thing that is much more certain is the price for spodumene concentrate versus the cost of production. As of around 09 July, the market price for chemical-grade concentrate was about USD\$405 a tonne. If we look back to a recent financial report from an Australian producer, March 2020 cost of production was about USD\$399 per tonne. So, one can pretty quickly note that you aren't much further ahead selling product than if you keep it in the ground. Now, in general terms keeping minerals in the ground isn't going to help you pay interest on whatever debt you have, but neither will be selling at cost.

The assumption, then, is that the spodumene inventory in China is going to draw down, and spodumene prices will have to rise to get mines back into production. That, in turn, will push up chemical prices. But with demand for batteries and thus lithium chemicals slightly crushed right now, this might happen soon.

The European union and OEM's have recently demonstrated this trend as a reality with the movement towards regional localization of supply chains. A good example in recent news is from EV sales post COVID-19 stimulus incentives in Europe.



## Creation of Europe's battery industry in full swing

Published date: 22 June 2020

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Europe has redoubled its efforts to create a battery industry — from mines to manufacturing — as the Covid-19 pandemic highlighted the need for a secure and autonomous supply chain to support its green recovery plans and climate change ambitions.

### Lithium Americas Announces NDRC Approval for Transaction with Ganfeng Lithium

MINNESOTA, June 11, 2020 (GLOBE NEWSWIRE) — Lithium Americas Corp. (NYSE: LAC) today announced that it has received approval from the National Development and Reform Commission (NDRC) in China for its proposed acquisition of Ganfeng Lithium Co., Ltd. (Ganfeng) from its parent company, Ganfeng International Co., Ltd. (Ganfeng International). The NDRC approval is a key milestone in the transaction and is required for the transaction to proceed.

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Here's how Europe is now dwarfing China in EV investments

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### Volkswagen Pours More Than \$2 Billion Into China's Electric-Car Industry

German auto maker raises its share in a Chinese electric-vehicle JV and buys a stake in a battery producer

May 27, 2020 06:48 AM

### France's new \$13,000 EV incentive is the most generous in Europe

PETER SIGAL

1,007 views | Jun 4, 2020, 05:52am EDT

### Germany Boosts Electric Car Sales Incentives But Penalizes Gas Guzzlers

Neil Winton Contributor  
Transportation

June 11, 2020 12:00 AM

### How Chinese brands are using EVs to gain foothold in Europe

NICK GIBBS

### As Electric Vehicles Take Off, Europe Plans 'Battery Passport' To Ensure Responsible Sourcing Of Materials

Emanuela Barbioglio Senior Contributor  
Energy  
I write about sustainability and EU's environmental policies

WORLD ECONOMIC FORUM

Global Agenda COVID-19

### How China is strengthening its electric vehicle market during the pandemic

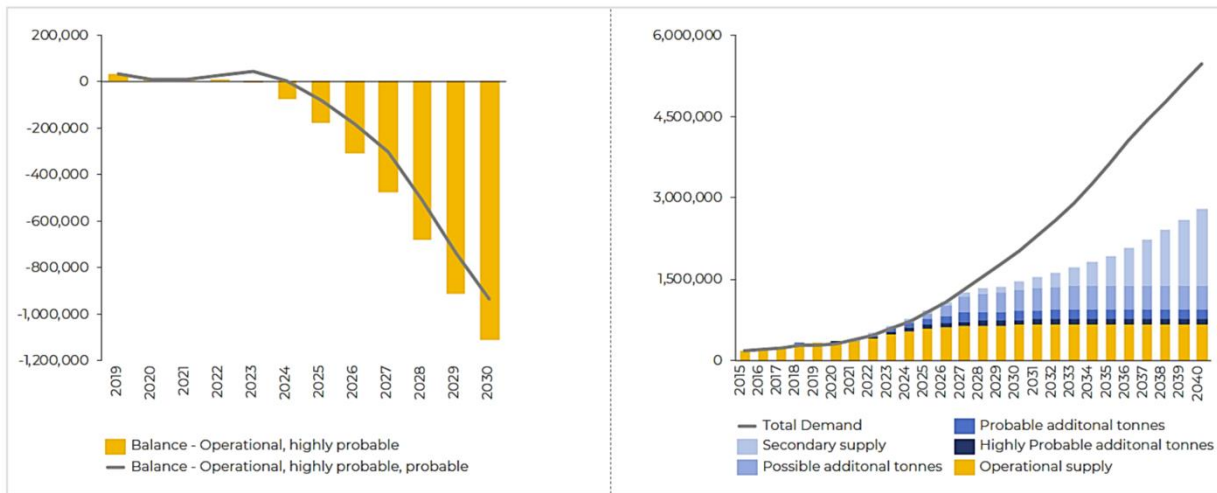
Figure 8: EU/Chinese Activity

The Corporation remains focused on its strategy of supplying a wide range of lithium products used in “green technology” applications through a staged approach. Firstly, spodumene helps the specialty glass and ceramics sector achieve efficiencies that reduce consumption of fossil fuels, energy costs and greenhouse gas emissions and this can only be achieved with “rare” technical-grade spodumene dominantly supplied by one mine in Australia. Further “green” uses dependent on lithium compounds required for the electrification of transportation (EV’s) and other energy storage applications remains a future second stage possibility for the Corporation.

The PAK deposit is the highest quality lithium mineral resources in North America due to its high-grade and low impurity properties. The monetary value of low-iron (Fe) spodumene is greater than the more common, higher iron spodumene as the former is desired for high quality technical grade ore or concentrates used in the manufacture of specialty glass/ceramic products such as stove tops, ceramics and heat-proof cookware. Furthermore, a low Fe spodumene is also well suited to potentially produce a high-yielding chemical-grade lithium concentrate which is used to produce lithium chemicals which form the basis for manufacture of, among other applications, lithium-ion batteries for laptop computers, mobile phones, electric bicycles and electric/hybrid vehicles.

### Lithium Market

Demand led by the EV market is now forecasting a structural deficit of lithium supply. Base-case demand for lithium demand, driven primarily by lithium-ion batteries is forecasted to grow by approximately 17.5% per year through 2030, with the deficit starting after 2022, as can be seen by [Figure 9](#) below:



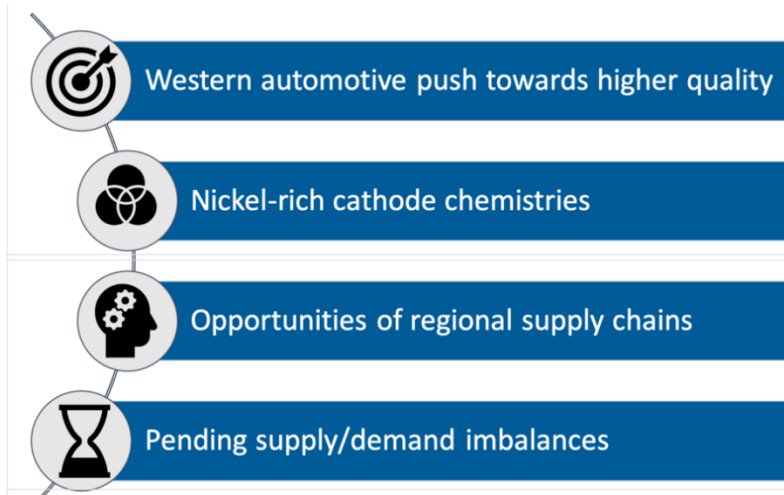
*Lithium Market Balance (tonnes LCE) Showing Structural Deficits from 2023 Onwards (Benchmark)*

**Figure 9: Supply and Demand Forecast (Benchmark Minerals)**

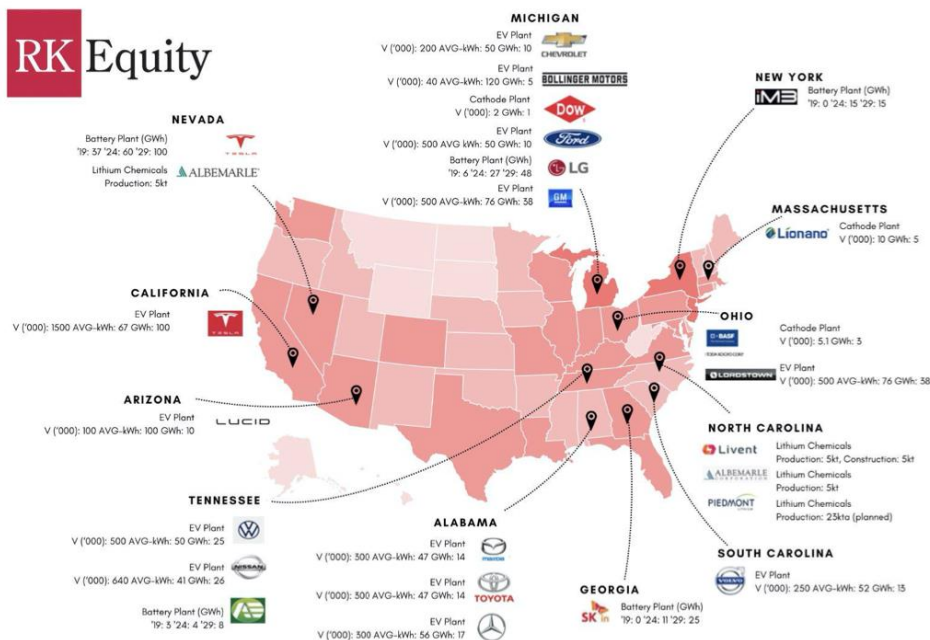
Battery cell costs have recently dropped below \$100 per kilo-watt-hour. Analysts believe that breaking the \$100/kWh lithium ion battery production cost barrier is a watershed moment for electric vehicles (EVs) that brings the ownership and operating costs of EVs in parity with internal combustion engine (ICE) competitors. This recent ability by incumbent cells producers is an important blueprint that the world's battery majors are now seeking to replicate and will provide demand support in the market.

Supply from high grade hard rock pegmatites is filling the increased market supply as a means of diversification from the brines of South America as they have seen little growth since 2006. The unsustainability of lithium's record high price spike was exposed in early-2018 as the industry began to feel the effects of the race to new production which had occurred in Australia's spodumene sector. By mid-2018, with four new hard rock operations set for production, spodumene had overtaken brine as the leading source of chemical feedstock production. The number of active mines had climbed from 1 in 2016 to 9 by the end of 2018. The false narrative which emerged from these expansions and spilled over into 2019 was that the industry was awash with battery-grade lithium chemicals, sufficient to support rapid electrification over coming years. While the supply response has addressed the relatively minor growth of today, it is still far from meeting the needs of announced EV expansions.

Top 4 trends that are leading the Lithium markets are;



North American OEMs demand higher quality materials for their Li-Ion battery supply. Growing demand forecasted with Nickel rich cathode chemistries, favouring LiOH. The Corporation is continuing it's 2 prong approach of technical grade market product as well as advanced and ongoing lab work on joint partnership with XPS on Lithium Hydroxide. Below is the recent growth of lithium chemical users in the USA.



Future end-users are being educated to recognize and understand the impacts of their consumption. This fact, in conjunction with the North American desire to reduce CO2 emissions and become less oil dependent create the foundation for the pursuit of the electrification of transportation. As the current electric and hybrid sales in the United States are a mere 0.5% of total vehicle sales, the future looks bright for lithium. Not only is China selling 3-4x more electric vehicles than the United States it is also leading the pack by battery minerals component manufacturing globally.

### ***The Current State***

Car sales are running at least 20% below 2019 levels with annualized June figures pointing to a 2020 light vehicle market of 76.6 million units. At the same time, electric vehicle penetration rates continue to climb.

In Western Europe, according to market researcher Schmidt, for the first six months of this year, 216,000 battery-electric vehicles (BEVs, excluding plug in-hybrids) were sold. That's up 44% from last year and more than was sold on the continent in all of 2018. In contrast, the overall market in Europe is down 24%. Brussels' emissions regulation requires 2.5 million electric cars hit the road this year and next.

In China, the world's largest car market, BEVs accounted for 67,000 out of a total market of 1.68m units in June, with Tesla cornering 23% of the Chinese electric car market. China's passenger car association expects electric car sales to be significantly higher in the second half of 2020 compared to last year, when an unexpected change in Beijing's subsidy scheme for green cars sent sales tanking. China is also sticking to its goal of 25% market share for electric and fuel cell vehicles by 2025.

By 2030, the supply of lithium-ion batteries will need to increase by more than 10-fold, BloombergNEF forecasts, with electric vehicles to accounting for more than 70% of that demand.

Not all lithium is equal either. Miners produce lithium with specific chemical properties, catered to the needs of each buyer. Negotiations to close contracts are confidential and typically take months.

The question for investors in the market is that of "Who is going to survive?" Management believes that the Corporation will rise up above its chemical peers in the short to medium term by focusing on Phase I technical grade demonstration plant plans. This potential development would substantiate the high-quality characteristics, coupled by the assets' location of the Great Lakes Region to cautiously but confidently move the project toward corporate commercial production goal of 2025. As long as the market continues to grow in North America, the PAK Lithium Project will rise above the majority of growth opportunities in lithium, therefore the Corporation will "stay the course" and continue to invest and advance the PAK Lithium Project.

## **VIII. BASIS OF PREPARATION:**

### **STATEMENT OF COMPLIANCE:**

The audited consolidated financial statements for the year ended March 31, 2020 have been prepared in accordance with IFRS.

The accounting policies applied in these audited consolidated financial statements are based on IFRS issued and in effect as at year-end. On July 27, 2020 the Board of Directors approved for filing on SEDAR these audited consolidated financial statements.

#### **BASIS OF MEASUREMENT:**

The audited consolidated financial statements have been prepared on the historical cost basis, except for investment which are recorded at fair value.

The audited consolidated financial statements have been prepared on a going concern basis, meaning the Corporation would be able to realize its assets and discharge its liabilities in the normal course of operations.

#### **FUNCTIONAL AND PRESENTATION CURRENCY:**

The audited consolidated financial statements are presented in Canadian dollars, which is the Corporation's functional currency.

#### **USE OF ESTIMATES AND JUDGMENTS:**

The preparation of the audited consolidated financial statements in conformity with IFRS requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the year in which the estimates are revised and in any future years affected.

Information about critical judgments in applying accounting policies that have the most significant effect on the amounts recognized in the financial statements is included in Note 1 - the determination that the Corporation is in the exploration and development of mining properties; in Note 2 – capitalized cost and recoverability of property, plant and equipment.

#### **IX. SIGNIFICANT ACCOUNTING POLICIES:**

The preparation of audited consolidated financial statements in conformity with IFRS requires management to apply accounting policies and make estimates and assumptions that effect amounts reported in the audited financial statement and notes. There is full disclosure of the Corporation's significant accounting policies and

accounting estimates in Note 2 of the audited consolidated financial statements for the years ended March 31, 2020 and 2019.

## X. FINANCIAL INSTRUMENTS AND FINANCIAL RISK MANAGEMENT:

### OFF BALANCE SHEET AGREEMENTS

The Corporation has not concluded any off-balance sheet agreements.

### RELATED PARTY TRANSACTIONS

During the twelve-months ended March 31, 2020 and 2019 the Company incurred the following expenditures with companies controlled by a director of the company and a company controlled by an officer of the company:

Description	March 31, 2020	March 31, 2019
Office rental (paid to companies controlled by corporate director)	\$9,000	\$9,000
Investment in exploration and evaluation assets (paid to company controlled by corporate director)	\$ -	\$57,500
Share for debt settlement	\$ -	\$104,792
Consulting	\$250,000	\$250,000

The transactions above are in the normal course of operation and are measured at the exchange amount which is the amount of consideration established and agreed to by the related parties.

## OBLIGATIONS AND CONTRACTUAL COMMITMENTS

The Corporation had the following significant commitments as at the date of this report:

- A) In late March of 1999, the Corporation entered into an option agreement to earn a 100% interest in one mining claim included in the PAK property. Upon complying with the terms of the agreement, the Corporation exercised the option and acquired 100% interest in the claim. The vendor kept a 2.5% Net Smelter Return ("NSR") royalty on the mining claim. For an amount of \$1,000,000, 1% of this royalty may be purchased once the Corporation has officially declared it is in commercial production. The claim has since been to mining lease (ML) 109669. The PAK deposit as currently known is located on this lease.
- B) In early December of 2010, the Corporation entered into an agreement with two private individuals to acquire 100% of three mining claims collectively called the Pakeagama south-east. In 2015 the Corporation completed the earn-in and now owns the claims 100%. The vendors kept a 2.5% NSR royalty on the mining claims. For an amount of \$1,500,000, 1.5% of this royalty may be purchased once the Corporation has officially declared it is in commercial production.
- C) During 2018 Frontier entered into an agreement with a private individual with regards to a parcel of 35 claims cells totalling 684 hectares in the Favourable Lake area along the "Electric Avenue" on the north-western limits of the PAK Lithium Project. Another agreement was reached with another private individual to acquire 2 mining claim groups totalling 176 ha in the same area. Frontier now owns 100% of both sets of claims and are contiguous with the PAK Project claims. Both individuals each have a 1.5% and a 0.5% Net Smelter Royalty (NSR) on their respective properties acquired by the Corporation.
- D) The Corporation entered into private agreements with three First Nation Communities that neighbour the project properties for the purpose of ongoing exploration and development (including advanced exploration). Obligations to date have been accrued.

## RISK EXPOSURE AND MANAGEMENT

The Corporation is exposed to risks of varying degrees of significance which could affect its ability to achieve its strategic objectives. The main objective of the Corporation's risk management processes is to ensure that the risks are properly identified and that the capital base is adequate in relation to those risks. Risks include metal price fluctuations and the low success rate for the discovery of new deposits. Industry competition and lack of funding may also limit opportunities. Future political, regulatory and environmental changes could affect any aspect of the Corporation's business including property title, taxation, aboriginal issues and environmental protection. More detail of the principal risks to which the Corporation is exposed to are described below:

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## MARKET, INTEREST AND CURRENCY RISK:

Market risk is the risk that changes in market prices, such as interest rates, foreign exchange rates and equity prices will affect the Corporation's income or the value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimizing the return. The Corporation strategically operates in Canada in order to reduce sovereign and foreign exchange risks amongst. Management therefore believes at the current status of exploration and development the current risk management policy is adequate.

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## CREDIT RISK:

Credit risk refers to the risk that counterparty will default on its contractual obligations resulting in a financial loss to the group. Credit risk arises from cash and cash equivalents with banks and financial institutions as well as credit exposures to outstanding receivables.

It is management's opinion that the Corporation is not exposed to significant credit risk arising from these financial instruments.

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## LIQUIDITY RISK AND CASH RESTRICTIONS:

The Corporation has no history of profitable operations and its present business is exploration and development resulting in pre cash-flow. As such, the Corporation is subject to many risks common to such enterprises, including under-capitalization, cash shortages and limitations with respect to personnel, financial and other resources and the lack of revenues. There is no assurance that the Corporation will be successful in achieving a return on shareholders' investment and the likelihood of success must be considered in light of its exploration and development stage of operations.

The Corporation has no source of operating cash flow and no assurance that additional funding will be available to it for further exploration and development of its projects when required. Although the Corporation has been successful in the past in obtaining financing through the sale of equity securities, there can be no assurance that the Corporation will be able to obtain adequate financing in the future or that the terms of such financing will be favorable. Failure to obtain such additional financing could result in the delay or indefinite postponement of further exploration and development of its properties.

However, the Corporation believes that there is sufficient cash and other short-term assets readily convertible into cash in order to meet its liabilities when they come due. The Corporation's cash is held in business accounts with a Canadian bank. Management believes that liquidity risk is moderate. The Corporation manages liquidity risk through the management of its capital structure and continuously monitors actual and projected cash flows.



## LITHIUM PRICE RISK:

The Corporation is subject to lithium price risk from fluctuations in the market prices for lithium salts and spodumene concentrates. The risk is compounded by the fact that lithium contracts are private, therefore there is a relative opaqueness to the market in general which may cause increased levels of price pressures to the Corporations' stock price. Price risks are affected by many factors that are outside of the Corporation's control, including but not limited to, global or regional consumption patterns, the supply of and demand for metals, speculative activities, the availability and costs of technical grade spodumene concentrate substitutes by lithium compounds, lithium compound substitutes, inflation, political and economic conditions. [Figure 10](#) below displays price pressures since July 2019 to the date of this report on chemical grade spodumene concentrate (CG\_SC6.0) freight-on-board ("FOB") Australia. The price decrease in feedstock to conversion plants in China have attributed to approximately 50% reduction in the lithium equity market since March 2018. Despite having the rare technical grade spodumene from the PAK deposit, the Corporation's stock performance has not been insulated from declining feedstock prices in Australia and rates this risk moderate to high. Management believes that the Phase I Demonstration plant development could reduce this risk by differentiating the Corporation's low-iron assets to the lower quality Australian feedstock supplying Chinese chemical plants in the future.

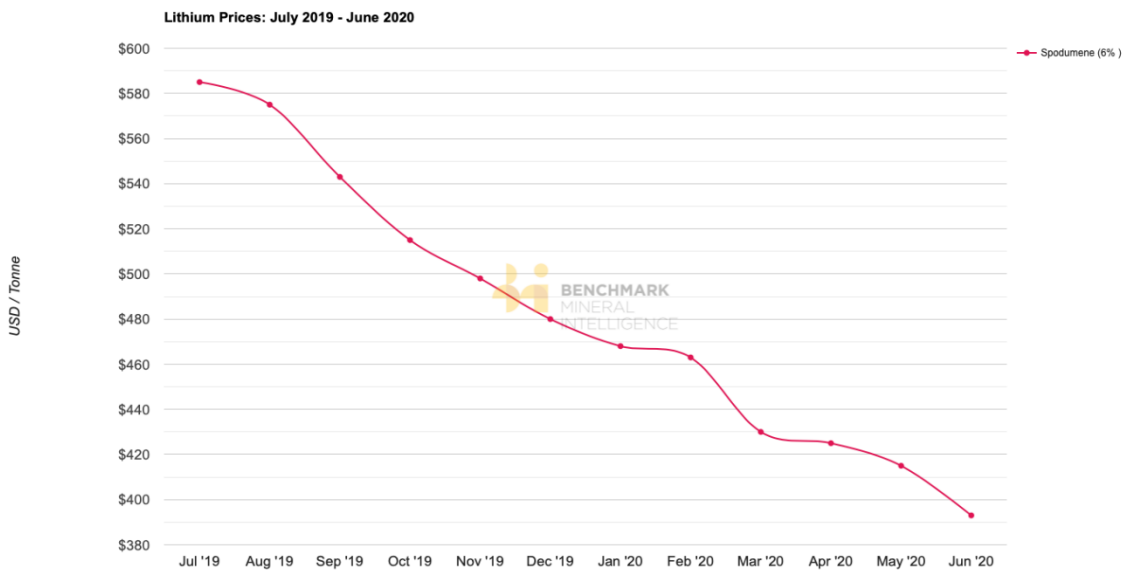


Figure 10: Chemical Grade Spodumene FOB Australia

## CAPITAL MANAGEMENT:

All of the Corporation's properties are 100% owned with minimal holding costs. The Corporation's current rate of cash consumption, excluding expenditures on work programs or cost associated with financing is approximately \$85,000 per month.

The Corporation's capital management objective is to have sufficient capital to be able to pursue its activities in order to ensure the growth of its assets, finance the investing activities and its working capital requirements.

In order to maintain or adjust the capital structure, the Corporation may issue new capital instruments, obtain debt financing and acquire or sell mining properties or other assets, to improve its financial performance and flexibility.

The access to financing depends on the economic situation and state of the equity and credit markets.

## PROPERTY TITLES

The Property encompasses 26,774 hectares in total, is 100% owned by Frontier and there are no co-proponents or partners for the Project up to the date of this report. According to the Mining Act and regulations of the Province of Ontario, to renew its claims, the Corporation must incur a minimum of exploration expenditures on an annual basis. As at the date of this report, all claims are in good standing and the Corporation has approx. \$2.0M in assessment credits from the Ministry of Energy, Northern Development and Mines (MENDM) that can be used to renew its claims on the PAK property. Currently, the Corporation maintains 1,378 mining claims and Mining claim KRL-1232241 was converted to Mining Lease KL-109669 in 2017. A letter of intent to convert 108 mining claim cells to a mining lease was submitted to MENDM in April 2018 and an additional 11 mining claim cells in November 2018 to encompass the Spark Pegmatite. This process is anticipated to be completed in 2020-2021.

## XI. RISK FACTORS RELATED TO THE CORPORATION

### CONDITIONS OF THE INDUSTRY IN GENERAL

The exploration and development of mineral resources, including construction, start-up and operation of a mine and the construction, start-up and operation of a mill (concentrator plant), involves significant risks that even an allied neat evaluation with experience and know-how cannot avoid. Although the discovery of a deposit can prove extremely lucrative, few properties where exploration and development work are carried out become producing mines thereafter. Important expenditures are necessary to establish ore reserves, to work out the representative metallurgical processes and to build the mining plant on a particular site. It is impossible to provide assurance to the effect that the current state of the project contemplated by the Corporation will generate a profit. The mineral

industry is intensely competitive in all its phases. The Corporation competes with many other mineral exploration companies who have greater financial resources and technical capacity.

The mining activities comprise a high level of risk. The activities of the Corporation are subject to all the dangers and the risks usually dependent on the exploration and the development, including the unusual and unforeseen geological formations, explosions, collapses, floods and other situations which can occur during drilling and the removal of material and of which any could cause physical or material or environmental injuries and, possibly, legal responsibility.

## GOVERNMENTAL REGULATION

The activities of the Corporation are subject to various federal, provincial and local laws, which relate to the exploration and development, taxes, standards of work, diseases and the occupational safety, the safety in mines and transformation plants, toxic substances, the protection of the environment and others. The development is subject to legislative measures and laws with the federal, provincial and local levels relating to the protection of the environment. These laws impose high standards on the mining industry and on the chemicals industry, in order to control the rejects of waste water and to force the participants to account for such controls to the lawful authorities, to reduce or eliminate the impact that are generated by certain production activities; extraction and of treatment and which are later on deposited on the ground or are rejected into the air or the water, to complete work of restoration of the mining properties, to control dangerous waste and materials and to reduce the risk of industrial accidents. The defect to conform to the above-mentioned legislative measures can involve important fines and other penalties.

## RISKS OF LAWSUITS AND NON-INSURABLE RISKS

The Corporation could be held responsible for pollution or for other risks against which it could not be insured or against which it could choose not to be insured, given the high cost of the premiums or for other reasons. The payment of sums in this respect could involve the loss of the assets of the Corporation.

## CONFLICTS OF INTEREST

Some of the directors and officers of the Corporation are engaged as directors or officers of other Corporation's involved in the exploration and development of mineral resources. Such engagement could result in conflicts of interest. Any decision taken by these directors and officers and involving the Corporation will be in conformity with their duties and obligations to compromise in an equitable way and in good faith with the Corporation and these other corporations. Moreover, these directors and officers will declare their interests and will abstain to vote on any question which could give place to a conflict of interest.

## PERMITS, LICENCES AND AUTHORIZATIONS

The activities of the Corporation require obtaining on a timely manner and maintaining permits and licenses from various governmental authorities. The Corporation considers that it holds all the permits and licenses required for the activities it currently explores on, in accordance with the relevant laws and by-laws. Changes brought to the

laws and regulations could affect these permits and licenses. Nothing guarantees that the Corporation can obtain all the permits and all the necessary licenses in order to continue its exploration activities, to build mines or mining plants and to begin mining operations on its property. At present the Corporation has approved Exploration Permit # PR-14-10611 authorizing activities of mechanized drilling, mechanical stripping and pitting and trenching in the general vicinity of the PAK deposit. The duration of the permit is from March 6<sup>th</sup>, 2018 until March 5<sup>th</sup>, 2021. Terms of the permit require that surface stripping shall not exceed an area of 10,000 m<sup>2</sup> or a volume of 10,000 m<sup>3</sup>.

In addition, the Corporation has approved Exploration Permit # PR-18-000258 authorizing the same activities mentioned above from January 30, 2019 until January 30, 2022 in the general vicinity of the Spark pegmatite showing.

## DEPENDENCE ON THE MANAGEMENT

The Corporation is dependent towards certain persons of its management. The loss of their services could have an unfavorable impact on the Corporation. Management maintains a strong equity position in the Corporation, therefore considers this risk to be low.

## PRICE OF LITHIUM SALTS AND SPODUMENE CONCENTRATE

The price of the common shares, financial results of the Corporation, its activities could undergo in the future important negative effects because of the fall of the prices of the lithium concentrates and compounds, resulting in an impact on the capacity of the Corporation to finance its activities and impact its results. The prices of lithium concentrates and compounds may fluctuate in an important way and are tributary to various factors which are independent of the will of the Corporation, such as the sale or the purchase of lithium compounds by various brokers, the rates of interest, foreign exchange rates, the rates of inflation or deflation, the fluctuations in the value of the Canadian dollar and other currencies, the regional and world offer and demand, the economic conjuncture and policy which prevails in the countries of the world which are large lithium compounds producers.

## GOING CONCERN AND INSOLVENCY RISK

The Corporation's financial statements have been prepared on a going concern basis, which assumes that the Corporation will be able to realize its assets and discharge its liabilities in the normal course of business as they come due into the foreseeable future. The Corporation does not currently have guaranteed sources of funding or cash flows and the inability to successfully generate revenues from operations cast significant doubt as to the appropriateness of the going concern assumption.

## THE CORPORATION'S DEPENDENCE UPON THE ADVANCED EXPLORATION PROJECT (PHASE I DEMONSTRATION CONCENTRATOR)

The Corporation expects future potential development of the Phase I Advanced Exploration program plans at the PAK deposit will help determine the Corporation's future possible ore material and production capabilities in a Commercial Operation unless additional sources of spodumene sources are acquired or discovered on the PAK

project and/or permitted to supply and brought into production. Any adverse conditions affecting potential spodumene concentrates production from the planned Phase I development program at the PAK deposit could be expected to have a material adverse effect on the Corporation's financial performance, results of operations and prospects and will require the Corporation to raise additional financing, which may not be obtainable under such circumstances. While the Pre-Feasibility Technical Report demonstrates the potential economic feasibility of a potential Commercial Project, the inability to achieve commercial operations on a basis that is economically viable will have a material adverse effect on the Corporation.

## INFRASTRUCTURE, SUPPLIES, INFLATION AND OPERATION COSTS

The PAK Lithium Project is located 175 km north of Red Lake, Ontario in the Red Lake Mining District and is situated on Crown Land. The centre of the Project is located on National Topographic System map sheet reference is 53C/11 at approximately 52°36'N latitude and 93°23'W longitude near Pakeagama Lake. Access to the Property is available year-round by chartered ski or float equipped aircraft from Red Lake. The project is located in a relatively isolated area of north-western Ontario where infrastructure consists of a winter road, which services the First Nation communities of Deer Lake (40km west of the project), Sandy Lake (50km north), and North Spirit Lake (30km east). The winter road runs over the mining claims on the west side of the project with vehicular access to the Property during winter months of February and March. Bearskin Airways, Wasaya Air and Superior Air services the nearby First Nation communities of Deer Lake, North Spirit Lake, and Sandy Lake with daily flights year-round. Currently, access to the property occurs from May 15 (after break-up) to October 15 (5 months) via float plane, and from February 1st, to March 15 (1.5 months) via the winter road.

## NO CURRENT PLANS TO PAY CASH DIVIDENDS

The Corporation has no current plans to pay any cash dividends for the foreseeable future. Any decision to declare and pay dividends in the future will be made at the discretion of the Board of Directors and will depend on, among other things, the Corporation's financial results, cash requirements, contractual restrictions and other factors that the Board of Directors may deem relevant. In addition, the Corporation's ability to pay dividends may be limited by covenants of any existing and future outstanding indebtedness that the Corporation or its subsidiaries incur. As a result, investors may not receive any return on an investment in the Corporation's securities unless they sell the securities for a price greater than that which they paid for them.

## DILUTION

Additional financing needed to continue funding the development and operation of the Corporation may require the issuance of additional securities of the Corporation. The issuance of additional securities and the exercise of common share purchase warrants, options and other convertible securities will result in dilution of the equity interests of any persons who are or may become holders of common shares.

## XII. DISCLOSURE CONTROLS AND PROCEDURES AND INTERNAL CONTROLS OVER FINANCIAL REPORTING

As a publicly listed entity, management must take steps to ensure that material information regarding the reports filed or submitted under securities legislation fairly presents the financial information. Responsibility for this resides with management, including the President and Chief Executive Officer and the acting Chief Financial Officer. Management is responsible for establishing, maintaining and evaluating the design of disclosure controls and procedures, as well as internal control over financial reporting.

### DISCLOSURE CONTROLS AND PROCEDURES (DC&P)

Management is responsible for establishing and maintaining a system of disclosure controls and procedures to provide reasonable assurance that all material information relating to the Corporation and its subsidiaries is gathered and reported to senior management on a timely basis so that appropriate decisions can be made regarding public disclosure.

### INTERNAL CONTROL OVER FINANCIAL REPORTING (ICFR)

Management is responsible for establishing and maintaining adequate internal controls over financial reporting to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial reports for external purposes in accordance with IFRS.

During the period from April 1, 2019 to March 31, 2020, no changes were made to the Corporation's ICFR that has materially affected, or is reasonably likely to materially affect, the Corporation's ICFR.

In designing of DC&P and ICFR, the Corporation recognizes that any controls and procedures, no matter how well conceived or operated, can only provide reasonable, not absolute, assurance that the objectives of the control system are met.

### ADDITIONAL DISCLOSURE FOR VENTURE ISSUERS WITHOUT SIGNIFICANT REVENUE

Additional disclosure concerning Frontier's general and administrative expenses and mineral property costs is provided in the Company's audited statement of loss contained in its audited financial statements for the year ended March 31, 2020.

#### **FRONTIER LITHIUM INC.**

Trevor R. Walker

President & CEO

July 27, 2020