



STRIA
L I T H I U M

*Exploring Québec for spodumene-rich
pegmatite lithium deposits to supply the
next generation of lithium-ion batteries to
meet government legislated demand*

March 2023



TSX-V: SRA (OTCQX: SRCAF)



strialithium.com

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This presentation contains “forward-looking information” within the meaning of Canadian securities legislation. All information contained herein that is not clearly historical in nature may constitute forward-looking information. Generally, such forward-looking information can be identified by the use of forward-looking terminology such as “plans”, “expects” or “does not expect”, “is expected”, “budget”, “scheduled”, “estimates”, “forecasts”, “intends”, “anticipates” or “does not anticipate”, or “believes”, or variations of such words and phrases or state that certain actions, events or results “may”, “could”, “would”, “might” or “will be taken”, “occur” or “be achieved”. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking information, including but not limited to: (i) risks relating to widespread epidemics or pandemic outbreak including the COVID-19 pandemic; the impact of COVID-19 on our workforce, consultants, suppliers and other essential resources and what effect those impacts, if they occur, would have on our business; (ii) volatile stock price; (iii) the general global markets and economic conditions; (iv) the possibility of write-downs and impairments; (v) the risk associated with exploration, development and operations of mineral deposits; (vi) the risk associated with establishing title to mineral properties and assets; (vii) the risks associated with entering into joint ventures; (viii) fluctuations in commodity prices; (ix) the risks associated with uninsurable risks arising during the course of exploration, development and production; (x) competition faced by the resulting issuer in securing experienced personnel and financing; (xi) access to adequate infrastructure to support mining, processing, development and exploration activities; (xii) the risks associated with changes in the mining regulatory regime governing the resulting issuer; (xiii) the risks associated with the various environmental regulations the resulting issuer is subject to; (xiv) risks related to regulatory and permitting delays; (xv) risks related to potential conflicts of interest; (xvi) the reliance on key personnel; (xvii) liquidity risks; (xviii) the risk of potential dilution through the issue of common shares; (xix) the Company does not anticipate declaring dividends in the near term; (xx) the risk of litigation; and (xxi) risk management. Forward-looking information is based on assumptions management believes to be reasonable at the time such statements are made, including but not limited to, continued exploration activities, no material adverse change in metal prices, exploration and development plans proceeding in accordance with plans and such plans achieving their stated expected outcomes, receipt of required regulatory approvals, and such other assumptions and factors as set out herein. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in the forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such forward-looking information. Such forward-looking information has been provided for the purpose of assisting investors in understanding the Company’s business, operations and exploration plans and may not be appropriate for other purposes. Accordingly, readers should not place undue reliance on forward-looking information. Forward-looking information is made as of the date of this presentation and the Company does not undertake to update such forward-looking information except in accordance with applicable securities laws.

Qualified Person: The included scientific and technical information regarding exploration activities as defined in NI 43-101 s. 1.1, was either prepared, reviewed and/or approved by Marc-André Bernier géo. (QC), P.Geo., (ON), M.Sc., Technical adviser for Stria Lithium Inc. and a Qualified Person under National Instrument (NI) 43-101 guidelines.

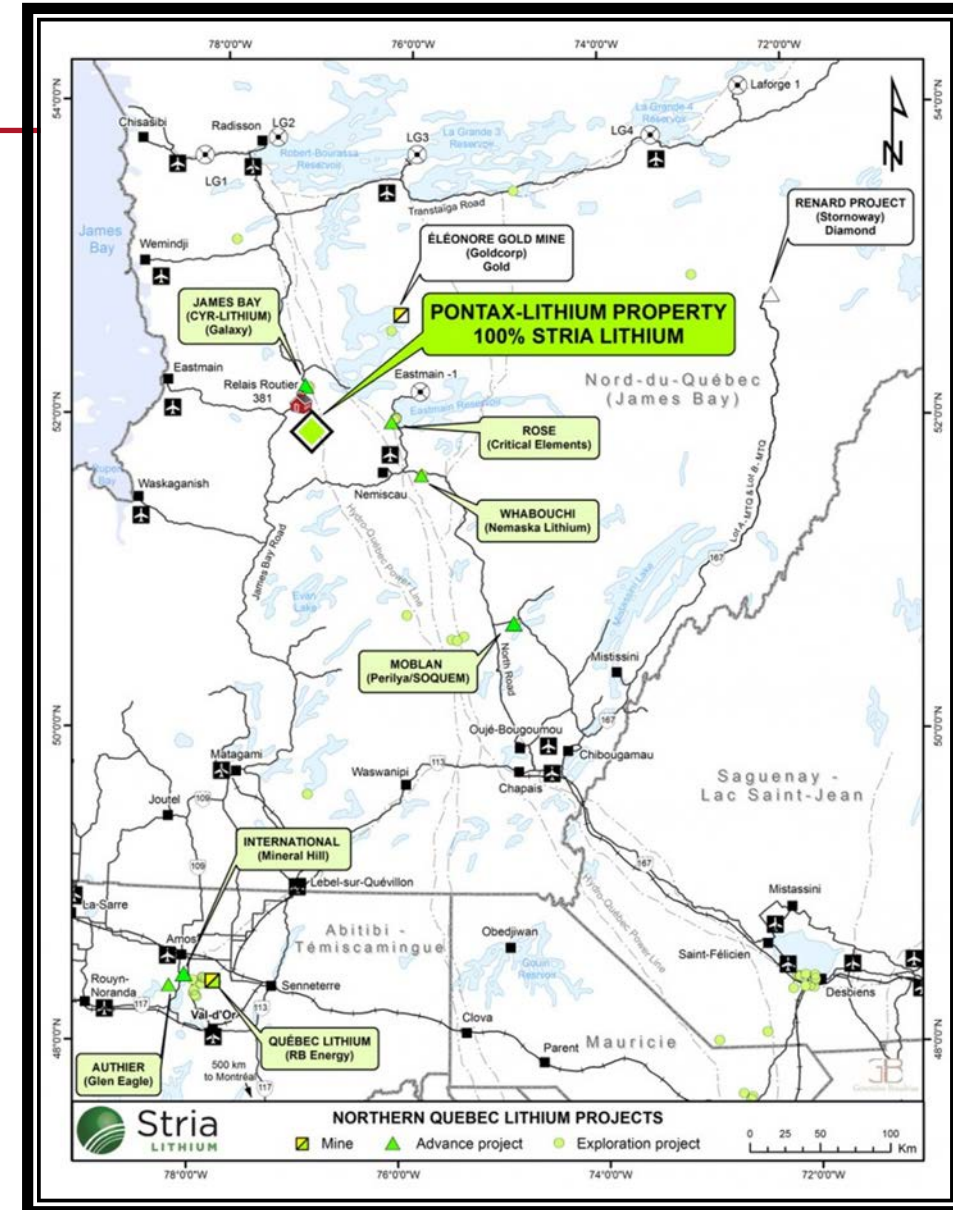
All measurements provided in this presentation are in metric units. All monetary amounts are expressed in Canadian dollars (\$) unless otherwise indicated.

About Stria Lithium Inc.

Stria Lithium Inc. is an emerging North American resource exploration company locating lithium reserves to meet legislated demand for electric vehicles and their rechargeable lithium ion batteries.

Focused on developing its Pontax lithium spodumene pegmatite prospect acquired in 2013 (nearly 10 years ago) with 68 contiguous map claims (total area: 3613 ha)

- Easy access – Route 109, a paved highway, is located 22 km to the west of the Property. A recently completed winter road provides access during the winter months.
- A 735 KV power line is adjacent to the property and the Eleonore Gold mine is close by with ideal electricity capacity.
- Located in the lithium-rich James Bay region of northern Ontario surrounded by major finds and production lithium mines.
- The Québec Government offers a financial framework of \$90M for the 2020-2025 period to encourage the production of critical & strategic minerals needed for renewable energy.
- \$4.7 B infrastructure development plan for EIBJ Territory (road, rail, power, ports) announced in 2021 as part of the Grande Alliance Agreement between the Cree Nation and the Québec Government.



Lithium – A Global Focus

Lithium is a critical metal in the universal fight against global warming. It is a core component of Lithium-Ion batteries which are used for powering electric vehicles and for industrial-scale energy storage.



**Government Imposed
EV Mandates USA/Canada**



2035 =
All Vehicles
(Phased Approach)



2030 =
1/2 All Vehicles Sold



The Lithium Supply Problem

Almost 80% of the world's lithium is produced in China, Australia and South America.

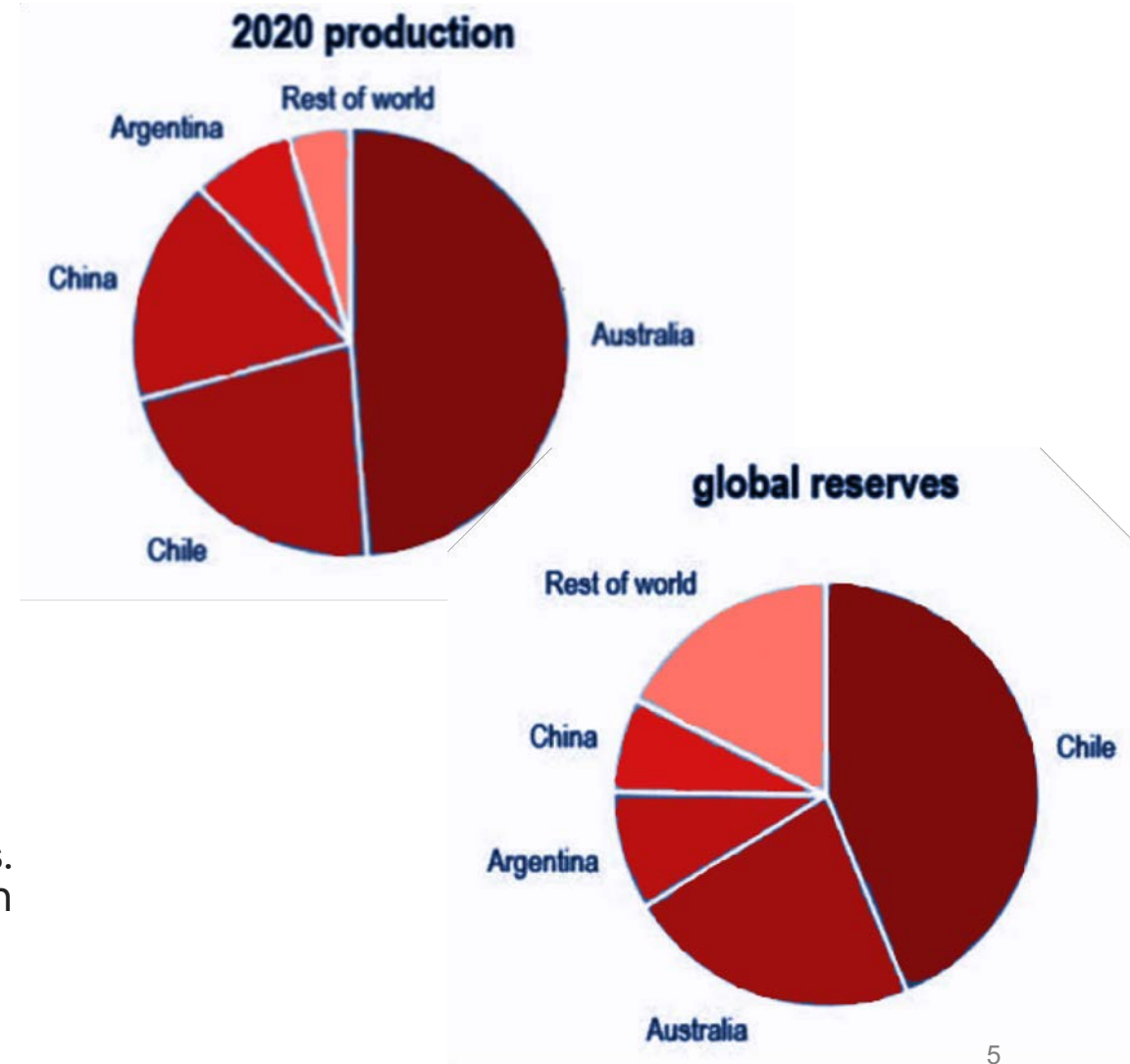


Foreign countries want to keep control of their critical minerals in order to control manufacturing and secure their own supply chain.



Without domestic Sources off critical minerals North America is at the mercy of a foreign controlled supply chain that will:

- Put EV and zero emissions mandates at risk.
- Incur increased freight costs
- Emit additional greenhouses gases with freight shipping.
- Make it difficult to mitigate geopolitical risks.
- Make it difficult to participate in job creation through value added manufacturing (ex. battery plants, secondary manufacturing, automotive manufacturing)



The Government's Solution

North American Governments take an active role in the solution to address systemic concerns.



US Inflation Act

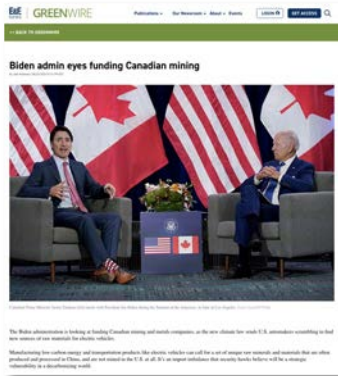
- Grants and funding to critical minerals mining industry.
- Subsidies to manufacturers that use North American critical minerals (Including Canada).



Canada

- Subsidies for using Canadian critical minerals in production
- Grants and loans to critical mineral mining companies and mining technology companies
- Financial aid to attract battery and automotive manufacturers

IT'S WORKING - Government Initiatives In Action



Biden funding North American minerals



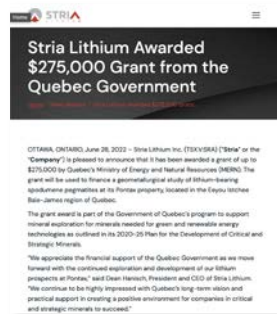
Canada invests \$1.5B and partners to build battery plant in Ontario



Canada announces a \$27M contribution to E3 Lithium Ltd.



Canada announces intention to create the Canada Growth Fund (CGF) capitalized with \$15B



Stria Lithium Awarded \$275,000 Grant from the Quebec Government



Canada Unveils Critical Mineral Strategy



6 Canadian Critical Mining Companies Awarded \$14M in Funding



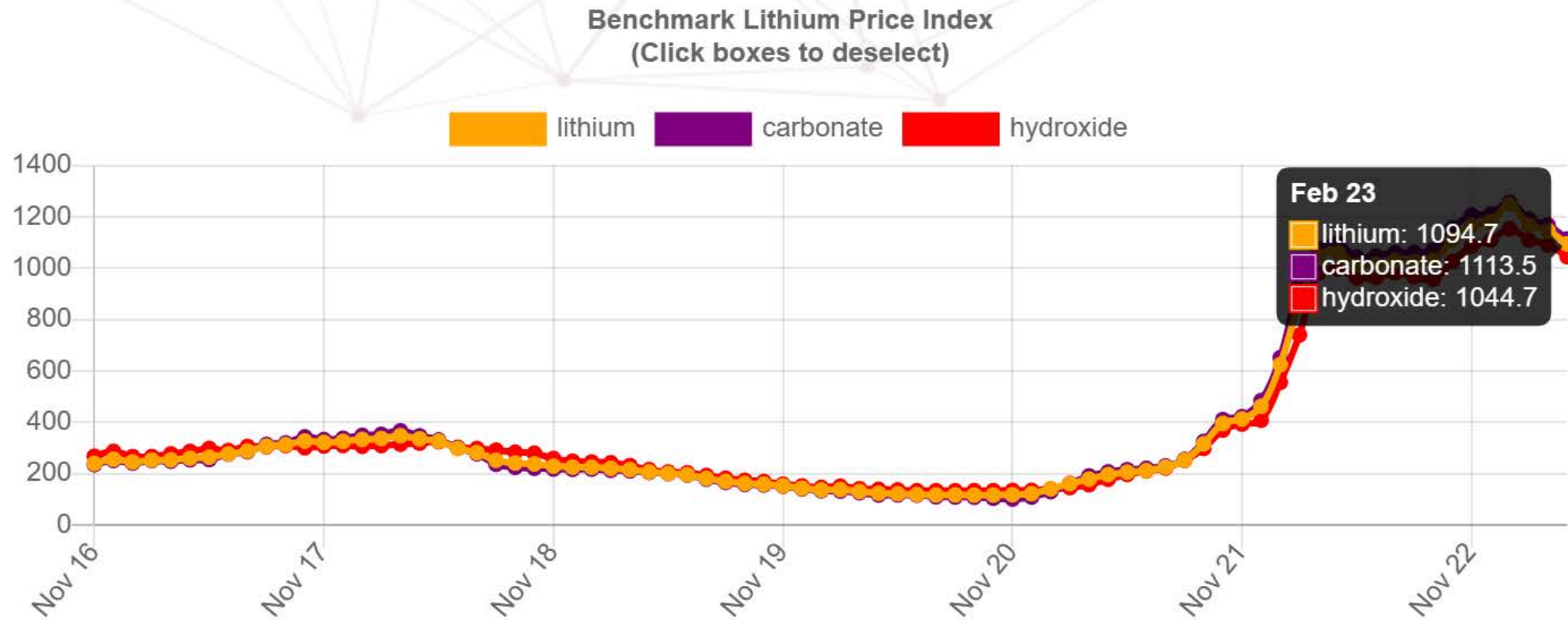
Volkswagen to Build EV Battery Plant in Ontario

The Opportunity

- The largest EV market (USA) in the world does not have all or enough of the critical minerals – namely Lithium – that it will require in country.
- USA policies include Canadian mining companies.
- Canadian lithium exploration companies can fill this government created demand.
- Generational investment opportunity that countries are mandating such a massive change by 2030 and 2035.
- Government motivation to decouple from China and bring back manufacturing creates backstop for North American derived critical mineral industry.
- Non dilutive financing and grants to mining companies.
- North American mines being fast tracked.

The demand for lithium is driving prices skyward

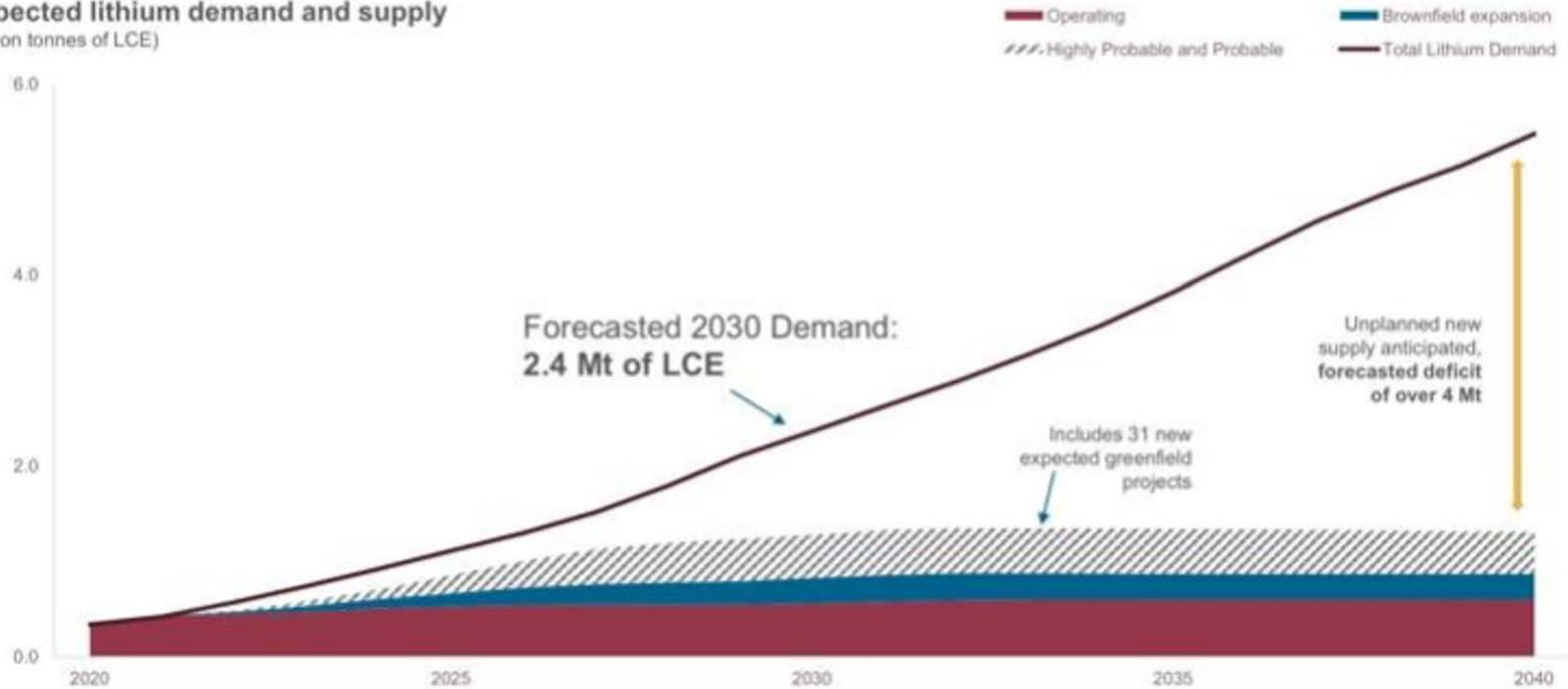
LITHIUM PRICE TRENDS



LITHIUM SUPPLY AND DEMAND

Significant supply gap emerging for lithium as market is expected to grow to over 2 Mt in 2030 and continue growing

Expected lithium demand and supply
(million tonnes of LCE)



Source: Benchmark Minerals Q3 2021, projects on care and maintenance included in Brownfield expansions

The Pontax Lithium Project is one of Canada's Most Prolific Mining Districts



Tier One location in mining friendly jurisdiction



Surrounded by world class multi billion-dollar lithium projects and planned battery production facilities



Provincial and federal government programs to support critical minerals exploration



Cost-effective, renewable hydroelectric power source



Funded to execute on immediate exploration strategy.
Significant tax incentives for mining companies in Quebec (flow-through)



Excellent Infrastructure: close to paved road with winter road to site complete

The Pontax Lithium Project – World Class Lithium District in Quebec, Canada

Tier 1 Jurisdiction with Large, High Grade Lithium Projects

2017 Drilling Program Highlights:

- Stria launched its first full drilling program at Pontax in 2017;
- Completed seven holes for a total of 911.4 m.
- All seven holes intersected spodumene-bearing pegmatite dykes grading from 0.65%Li₂O to 2.49% Li₂O over a min. of 1.0 m. The best intercept was 21.39m grading 1.16% Li₂O in drill hole 975-17-0142.¹

2020 Drilling Program Highlights:

- Eleven drill holes completed for a total of 1,510.5 m drilled
- Ten (10) of the 11 holes intersected pegmatite dykes with significant spodumene mineralization
- Hole 975-19-018 intersected 11.27 m grading 0.91% Li₂O, including a subintercept of 2.84 m grading 1.72% Li₂O
- Hole 975-19-020 intersected 3.36 m grading 2.55% Li₂O in, at a vertical depth of 13.58 m
- Hole 975-19-016 intersected two bands of spodumene pegmatite dykes, the first grading 1.45% Li₂O over 1.61 m and the second grading 1.11% Li₂O over 2.10 m
- Hole 975-19-022 intersected 3.89 m grading 1.28% Li₂O at a vertical depth of 31.2 m, while Hole 975-19- 016 intersected 1.61 m grading 1.45% Li₂O

2023 Drilling Program Highlights (2 holes):

- DDH975-22-027:
 - 2.82 m* (4.3m of core length) @ 1.84% Li₂O** at a depth of 158 metres (from 227.6m to 231.9m)
 - 6.04 m* (9.21m core length) @ 1.44% Li₂O** at a depth of 172 metres (from 247.1m to 256.3m)
 - Five (5) minor intervals of true width between 1.51m* and 2.02m* @ 0.84% to 1.46% Li₂O**
 - Cumulative true thickness of mineralized dyke of 4 metres
- DDH975-22-028:
 - 3.44 m* (5.7m of core length) @ 1.35% Li₂O** at a depth of 144 metres (from 194.3m to 200.0m)
 - 8.54 m* (13.3m of core length) @ 1.34% Li₂O** at a depth of 212 metres (from 300.2m to 313.5m)
 - Three (3) minor intervals of true width between 1.08m* and 1.55m* @ 0.67% to 0.82% Li₂O**
 - Cumulative true thickness of mineralized dyke of 9 metres

* True thicknesses reported.

¹Refer to Stria news releases dated December 2, 2021, and January 10, 2022, available at <https://strialithium.com/>, for complete details.

²Significant mineralized intercepts are defined as Li₂O > 0.5% over a min. true thickness of 1.5 m.

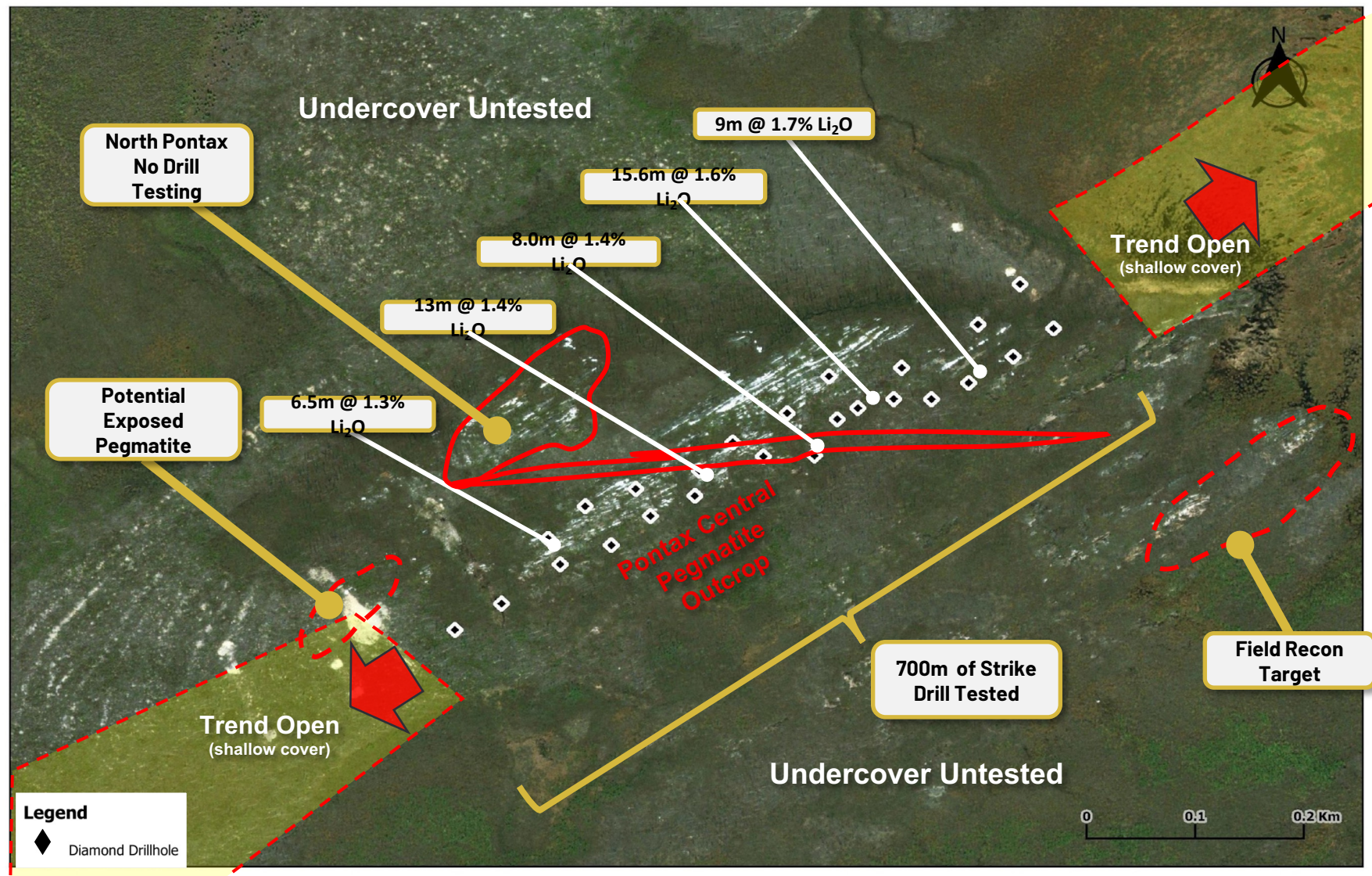
Financial comparison of lithium companies operating in western Quebec

Project	Company	Share Price (\$ CAD)	Market Cap	Average Grade % Li ₂ O	MRE Release Year
Rose	Critical Elements	2.14	466M	0.9%	2017
James Bay	Medaro Mining	0.28	21.4M	41.0 m at 1.81	2021
Moblan	Sayona	0.26 (\$AUD)	2.22B	1.4%	2019
Whabouchi	Nemaska Lithium	Privately held	n/a	1.4%	2019
Authier	Sayona	0.26(\$AUD)	2.22B	1.1%	2022
Pontax-Lithium	Stria	0.285	7.22M	1.16% over 21.39 M	Just beginning



Stria has higher shorter grades but for largest intervals we are in the ballpark.

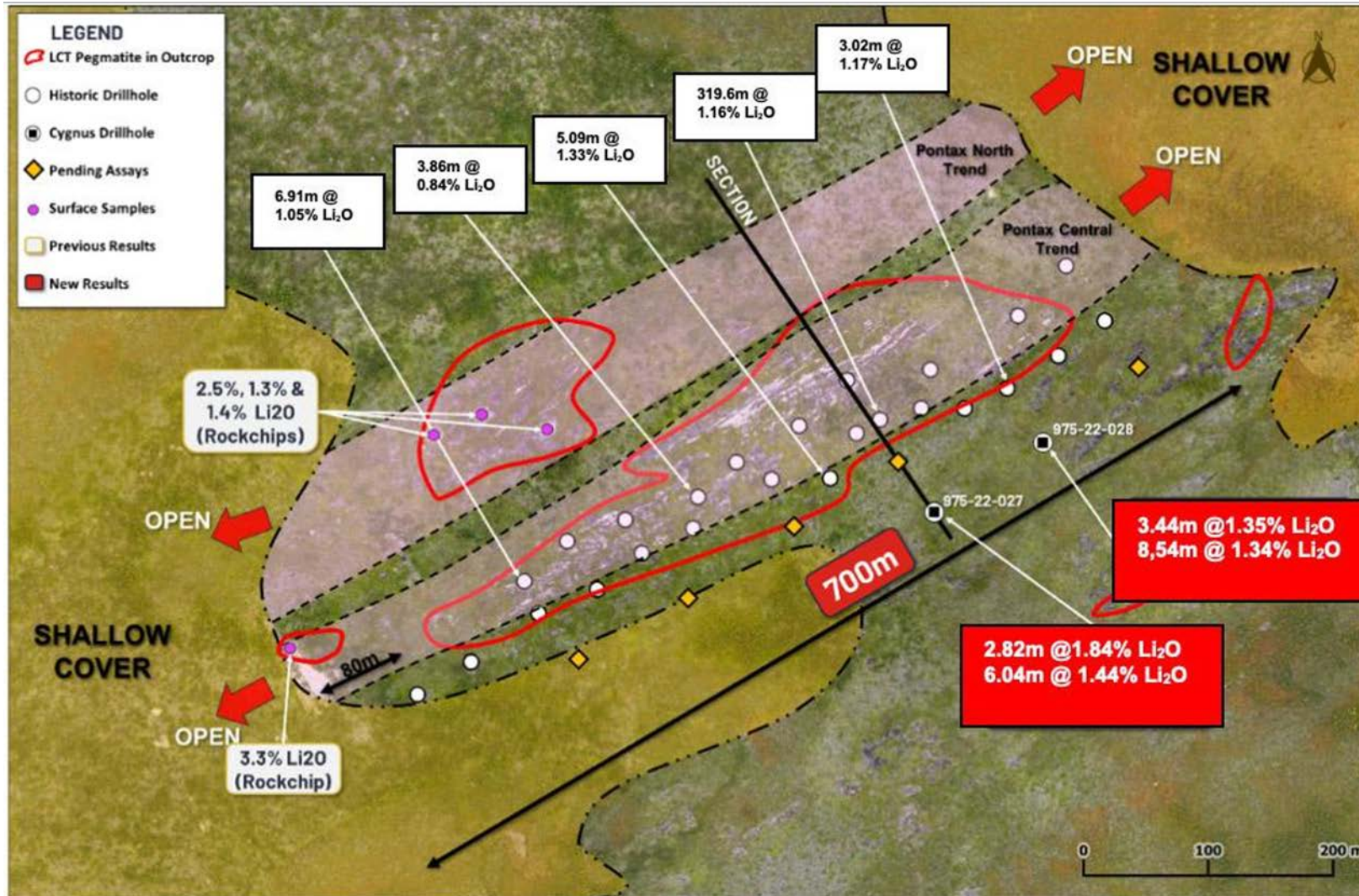
High-Grade Drill Results from Central Pontax Pegmatite Swarm



Pontax Central Drill Target

- Over 700m of strike extent on central outcrop area which remains OPEN under shallow cover
- High-grade Lithium bearing pegmatites from surface tested to only ~ 115m
- Open at depth and thickest intersection in historic drilling (15.6m @ 1.6% Li_2O from 83.9m) in deepest drilling
- Multiple untested pegmatite outcrops at Pontax North – priority target for follow up
- Walk up drill targets and resource definition drilling planned for immediate exploration programs

Pontax LSPD prospect - Drilling map



For detailed core sample analysis conducted in December 2021, please see Appendix 1.

Option and joint venture with Cygnus Metals on the Pontax-Lithium property

- Cygnus Metals Limited has been granted the sole and exclusive option to acquire up to a 70 % undivided interest in Stria's Pontax-Lithium property
- Cygnus and Stria will form a joint venture with each of them holding an undivided interest of 70 % for Cygnus and 30 % for Stria, with Cygnus acting as operator of the Joint Venture
- The terms of the two-stage option:
 - *1st option to acquire a 51% undivided interest:*

Cygnus is required to incur exploration expenditures on the Property in the amount of \$4 million. Following completion of such expenditures, Cygnus shall pay Stria a cash amount of \$3 million. Initial payment of \$1 million has been completed.
 - *2nd option to acquire an additional 19% interest:*

Cygnus shall incur additional exploration expenditures in the amount of \$6 million. Following completion of such expenditures, Cygnus shall pay Stria an additional cash amount of \$3 million.



Next Steps for the Pontax Lithium Project



The Property remains **largely unexplored** for new lithium spodumene dyke occurrences. Cygnus is conducting a 15,000m drill program of which 4,000m is completed with assays pending.



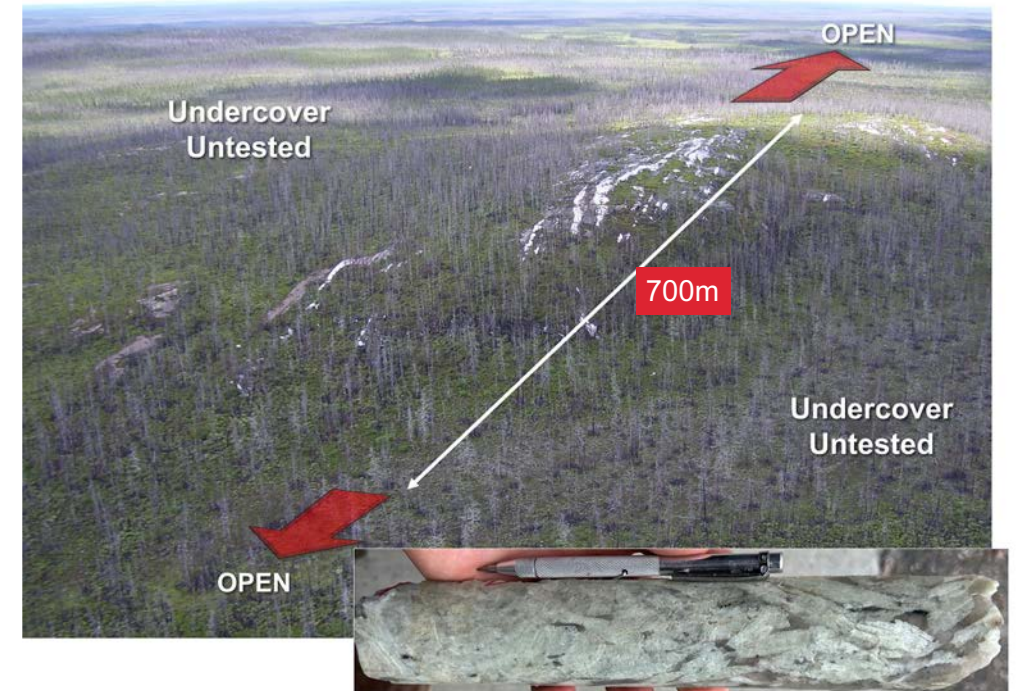
Pontax central outcrops over 700m of strike and remains open along trend and at depth.



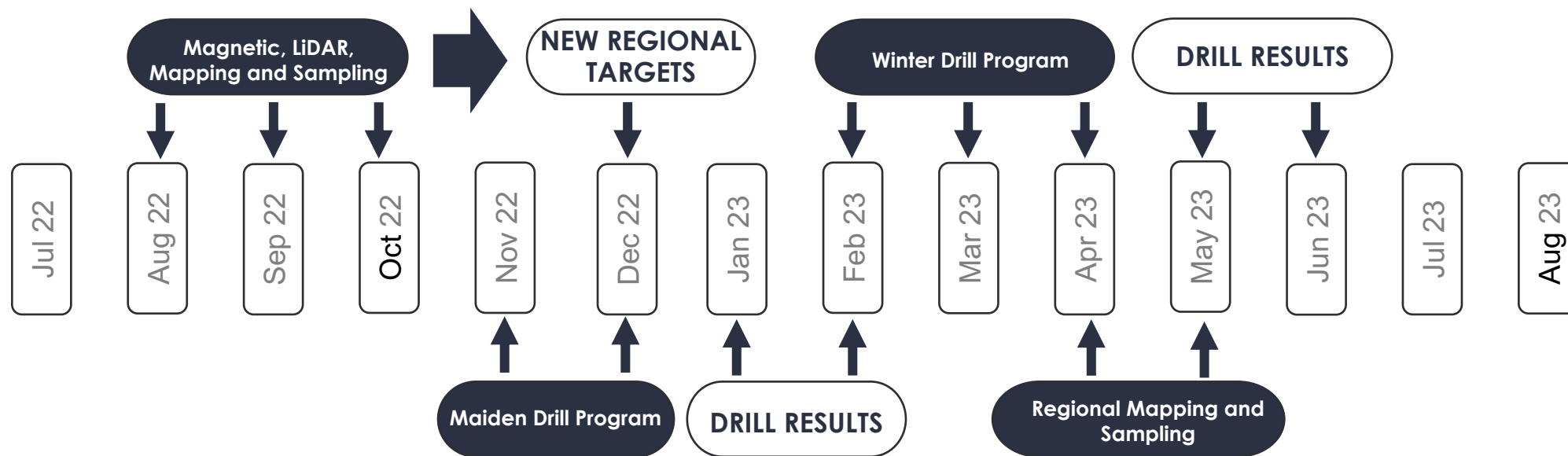
Three (3) rigs currently.



Maiden resource projected for 2023.



News Flow



Note 1 – The timetable is indicative and subject to change.

Capital Structure and Financial Information

Stria Lithium Inc.	Symbol: SRA
Listed Exchange	TSX-V, OTCQX
Market Capitalization	\$7.22M CAD
52-week Range	\$0.1150 – 0.5000
Issued and outstanding shares	25,321,036
Warrants	8,776,000
Options	5,010,750
Fully Diluted	39,107,786
Share Price (Feb 22nd)	\$0.2850
Cash (Hard Dollars)	\$3M
Burn Rate	\$50K/mo.



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