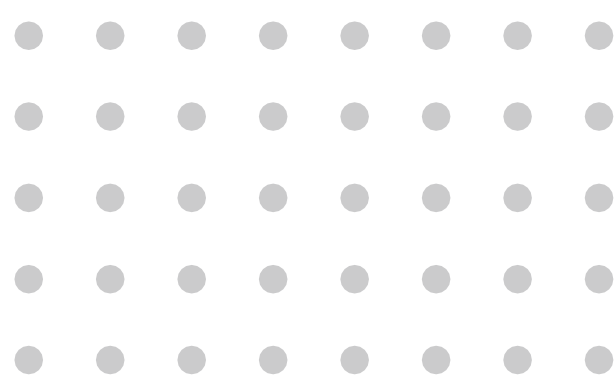




pegmatiteonelithium.com

FORWARD LOOKING STATEMENT

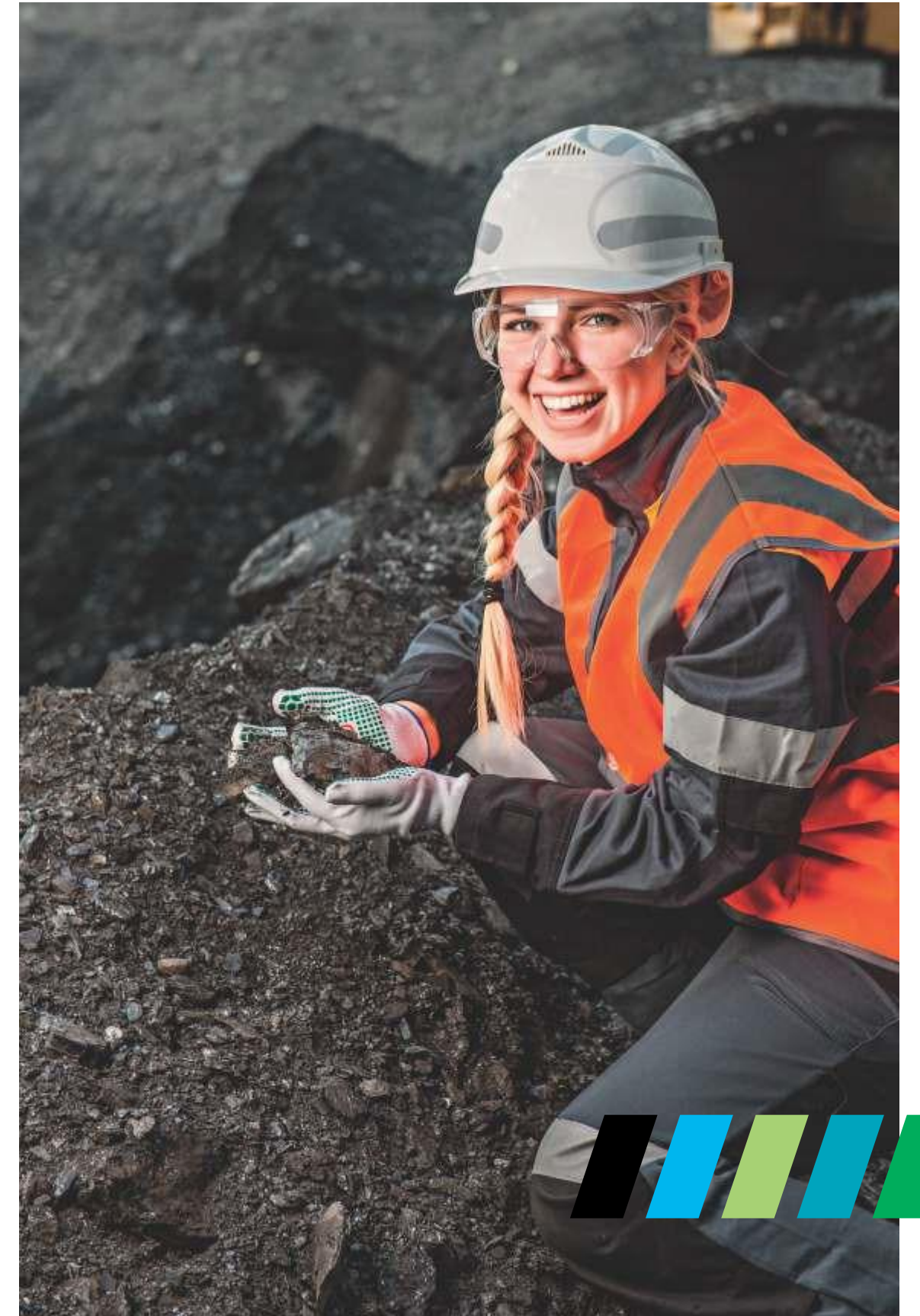
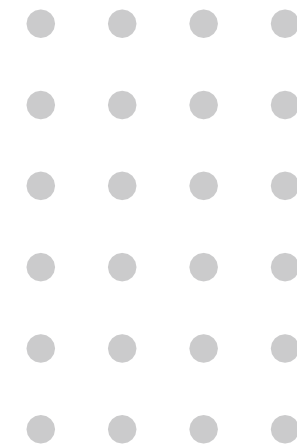


This presentation may contain “forward-looking information” within the meaning of applicable Canadian securities legislation. All statements, other than statements of historical fact, included herein may be forward-looking information. Generally, forward-looking information may be identified by the use of forward-looking terminology such as “plans”, “expects” or “does not expect”, “proposed”, “is expected”, “budgets”, “scheduled”, “estimates”, “forecasts”, “intends”, “anticipates” or “does not anticipate”, or “believes”, or variations of such words and phrases, or by the use of words or phrases which state that certain actions, events or results may, could, would, or might occur or be achieved.

This forward-looking information reflects the Corporation’s current beliefs and is based on information currently available to the Corporation and on assumptions the Corporation believes are reasonable. These assumptions include, but are not limited to, the actual results of drilling and exploration being equivalent to or better than anticipated or historical results and future costs and expenses being based on historical costs and expenses, adjusted for inflation. 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 Corporation to be materially different from those expressed or implied by such forward-looking information.

Such risks and other factors may include, but are not limited to: the early stage development of the Corporation and its projects; general business, economic, competitive, political and social uncertainties; commodity prices; the actual results of current exploration and development or operational activities; competition; changes in project parameters as plans continue to be refined; accidents and other risks inherent in the natural resources industry; lack of insurance; delay or failure to receive board or regulatory approvals; changes in legislation, including environmental legislation, affecting the Corporation; timing and availability of external financing on acceptable terms; conclusions of economic evaluations; and lack of qualified, skilled labour or loss of key individuals.

Although the Corporation has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. Accordingly, readers should not place undue reliance on forward-looking information. The Corporation does not undertake to update any forward-looking information, except in accordance with applicable securities laws.



WHY INVEST IN LITHIUM?

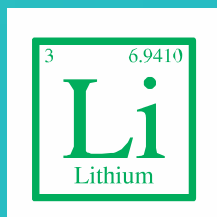
The Lithium market is expected to grow by **25% per annum**. Global demand for Lithium will skyrocket, with the market predicted to be worth **\$18.99 B by 2030**



95% Increase
Lithium Market Growth



3.8m Tonnes
Battery demand expected by 2030



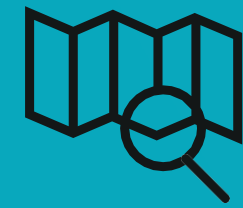
CA \$2B
Canada pledging over 2B to secure REEs like Lithium



" The transition to green energy has made lithium one of the most sought-after metals. "

OUR MISSION

Increase Shareholder Value through



Exploration



Acquisition



Development



INVESTMENT OPPORTUNITY



Asset Located in Mining-friendly Jurisdiction

Similarities between the Morrison River Property and the PAK Property are both hosted by greenstone belts surrounded by granitic batholiths. The PAK project is currently recognized for hosting one of North America's largest and highest- grade lithium deposits.

Ample Support for Next Exploration Stage

PGA offers a ground-floor opportunity with a well-managed capital structure and ample funds to undertake the next exploration stage.

Viability of Lithium Exploration in Ontario

The Morrison River property satisfies the criteria for establishing a lithium exploration, including support from the local aboriginal community, benefiting from investor tax incentives, access to existing infrastructure, obtaining necessary permits, and qualifying for government grants.

Ontario is overall recognized as a tier-1 mining jurisdiction.

Early-Stage Lithium Exploration

The strong investor appetite for early-stage lithium exploration companies reflects surging demand for lithium amid the supply crunch and its critical importance in the energy transition.

Support for Next Exploration Stage

In the past twelve months, the surrounding Red Lake district, formerly recognized as an exploration hub for gold, has attracted over \$50 million CAD in funding for lithium exploration.



We are a Canadian-based junior mining company positioned to benefit from the future growth of lithium - the cornerstone for the global move towards electrification

VISION & STRATEGY

We are a Canadian-based junior mining company positioned to benefit from the future growth of lithium - the cornerstone for the global move towards electrification

OUR STRATEGY



Targeting Rare Element
Pegmatites



Asset Located in
mining-friendly
Jurisdiction

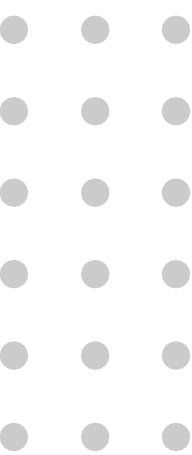


Targeted drill for
maximum efficiency

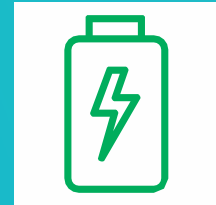
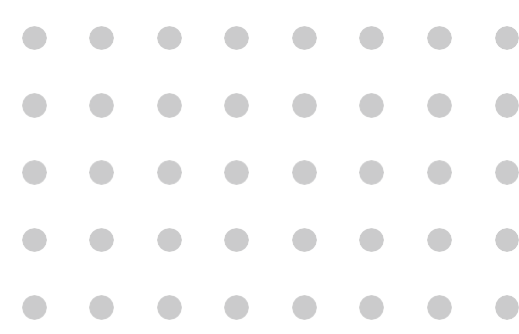


Pegmatite One
LITHIUM

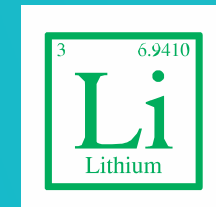
"We are a Canadian-based junior mining company positioned to benefit from the future growth of lithium-The cornerstone for the global move towards electrification"



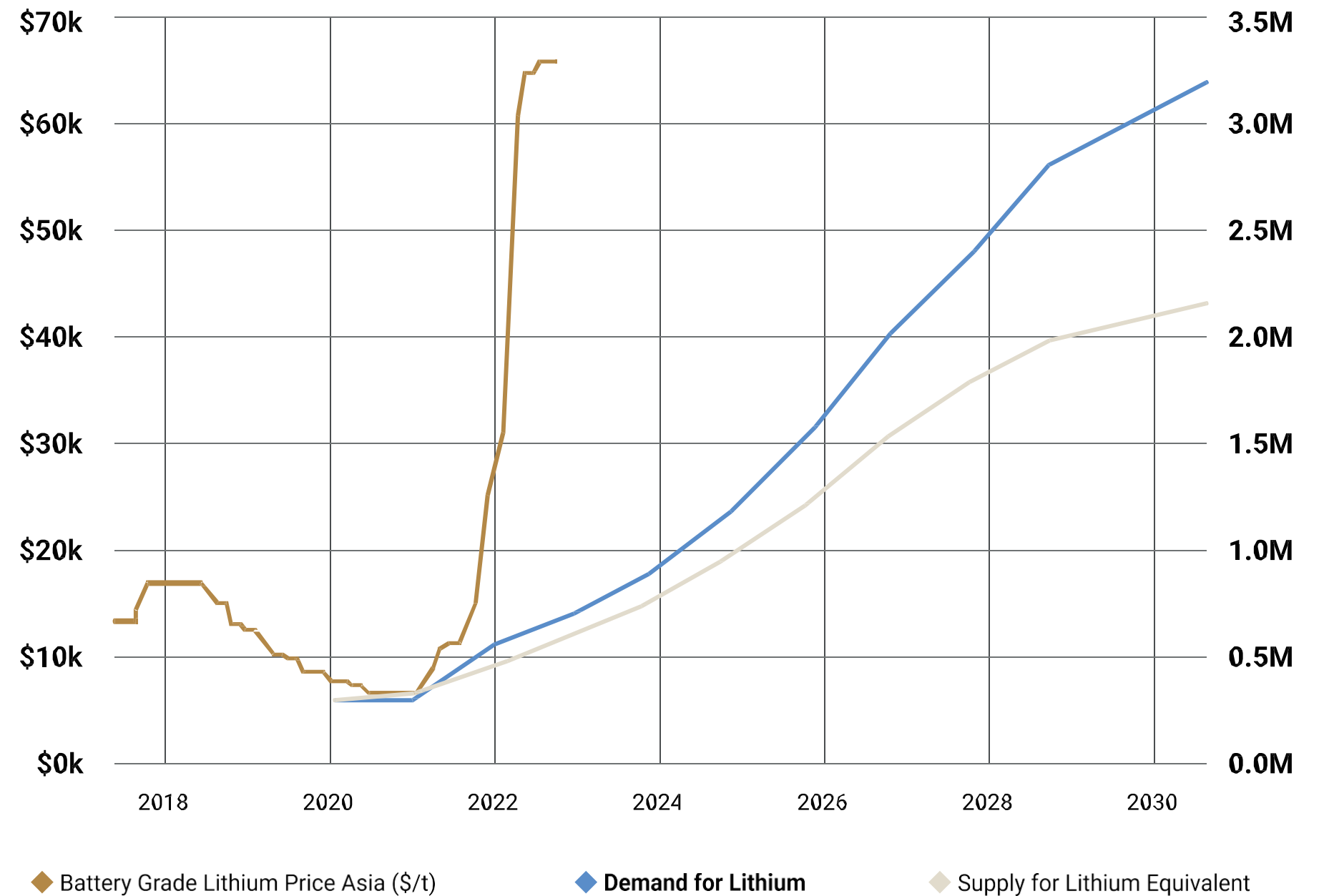
Soaring Lithium Price & Demand



The price lithium carbonate, the raw material used in lithium-ion batteries, soared in 2022 from 5-years avg. of ~\$14,000/t to +\$80,000/t.



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" The transition to green energy has made lithium one of the most sought-after metals. "

*Battery grade lithium price chart vs demand/supply for lithium over the next 7 years.

USES & ADVANTAGES OF LITHIUM

Lithium



High Grade

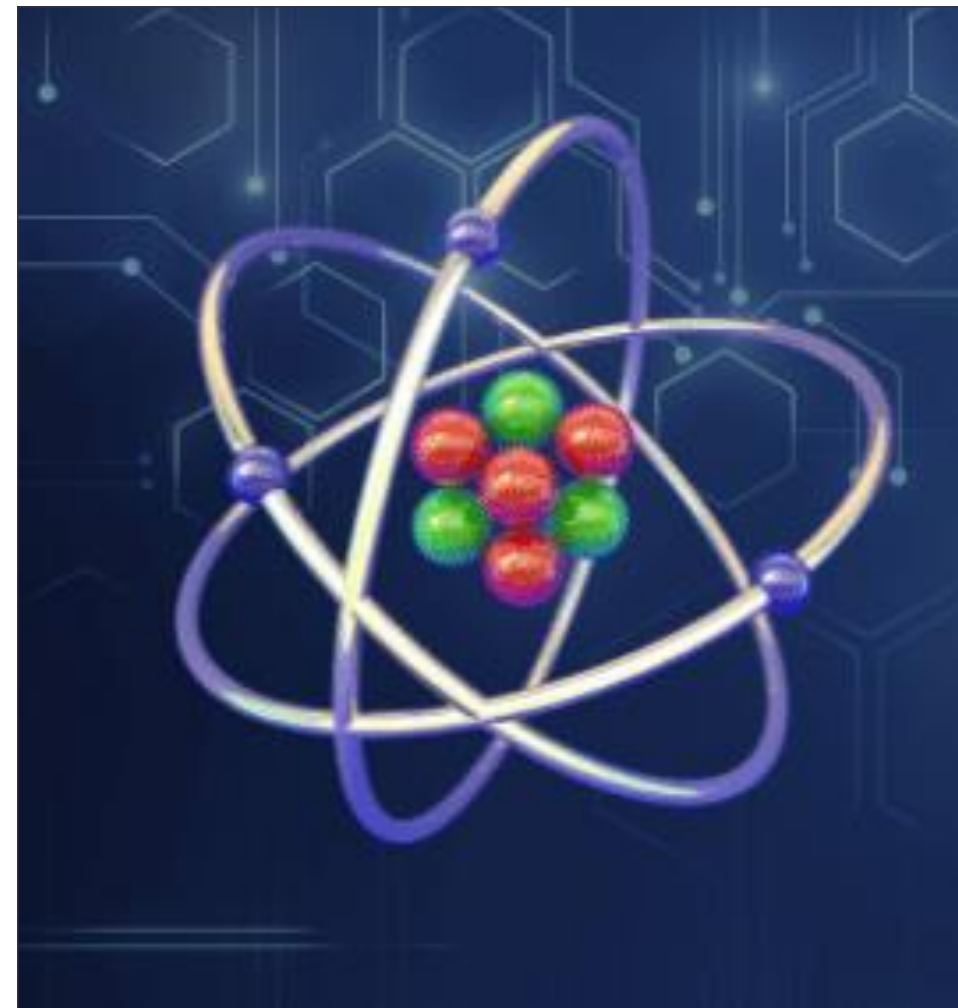
Hard rock lithium deposits are typically high grade ranging from 1% to 3% lithium oxide. This high-quality resource can be attractive to investors and buyers who require a reliable source of high-purity lithium. This makes it easier and more cost-effective to extract lithium.

End-Use Applications

Lithium-ion batteries have many end-use applications, including electric vehicles, grid energy storage, and consumer electronics. As the demand for these applications continues to grow, the demand for hard rock lithium from Ontario is also expected to increase.

A Better Mining Method

Hard rock lithium mining offers several benefits over brine extraction, including higher purity, lower environmental impact, and greater resource predictability.



MORRISON RIVER PROPERTY

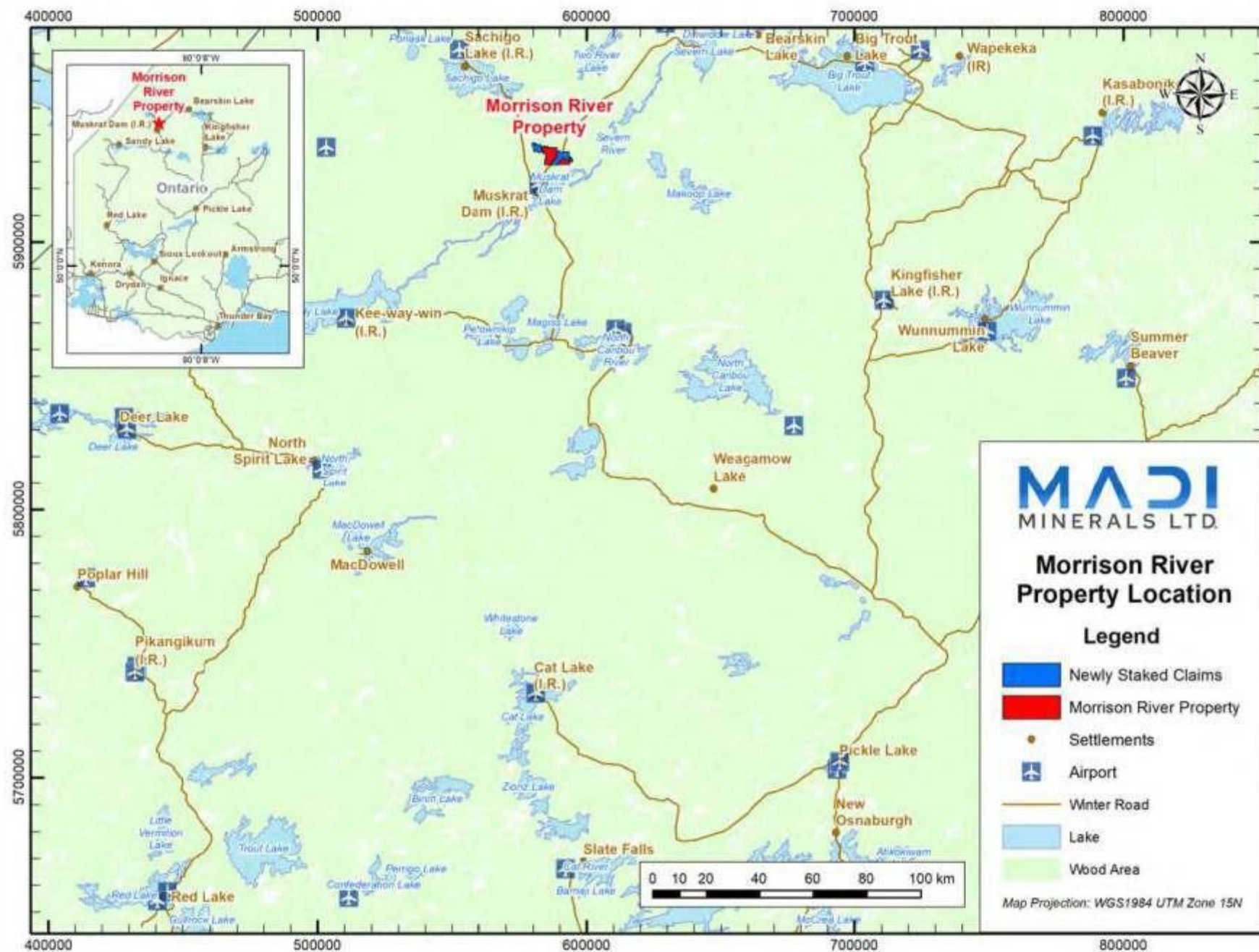


Road accessible all year between the winter and weather roads from Musselwhite mine to Pickle Lake.



Property is located 12km north of Muskrat Dam First Nation and near the Bearskin Lake and Sachigo Lake First Nations Communities.

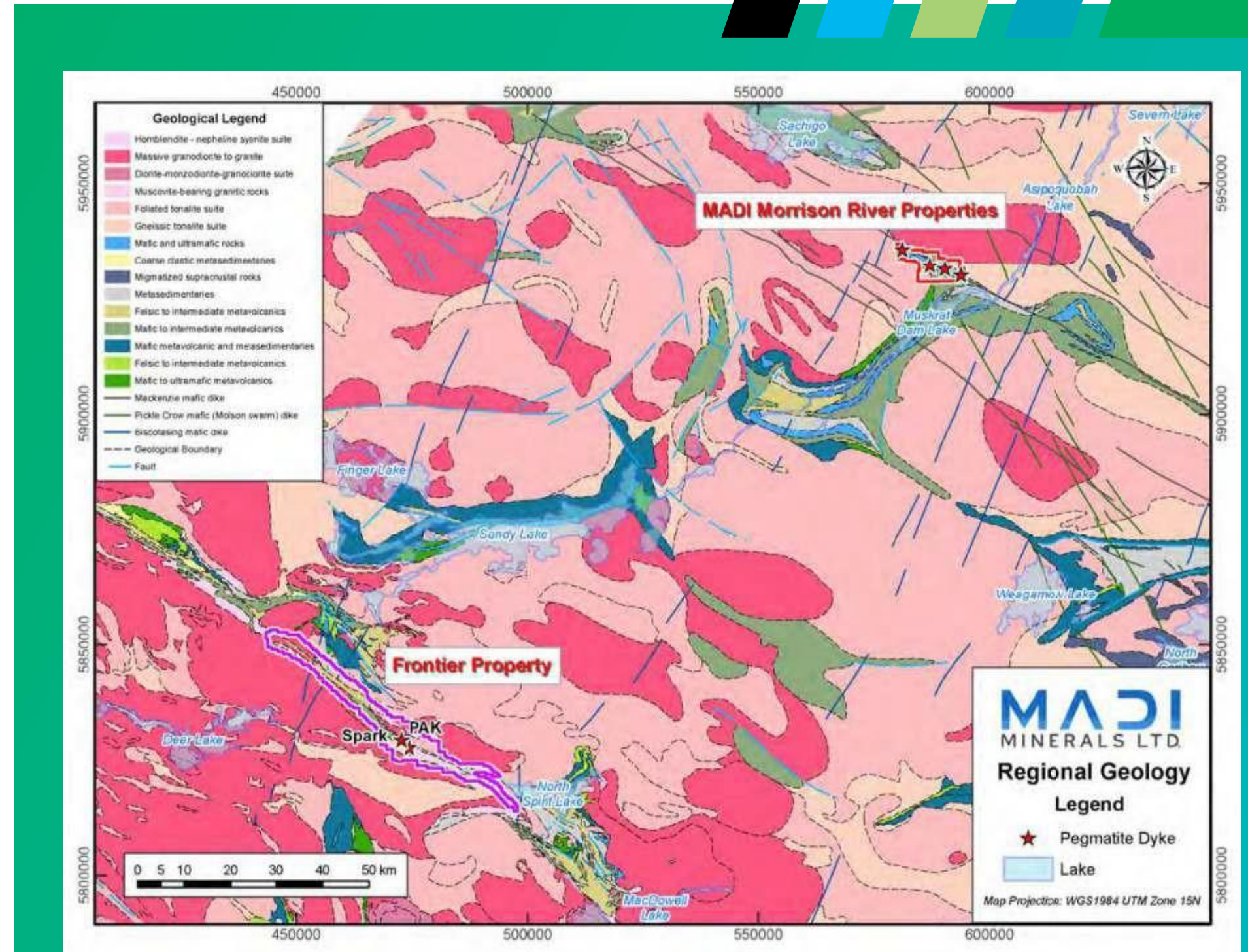
Strategically Located In Northern Ontario



SIMILAR TO PAK LITHIUM PROPERTY

Morrison River and the PAK Property (Frontier Lithium) are both hosted by greenstone belts surrounded by granitic batholiths.

Both greenstone belts have the same NW-SE regional structure trending.



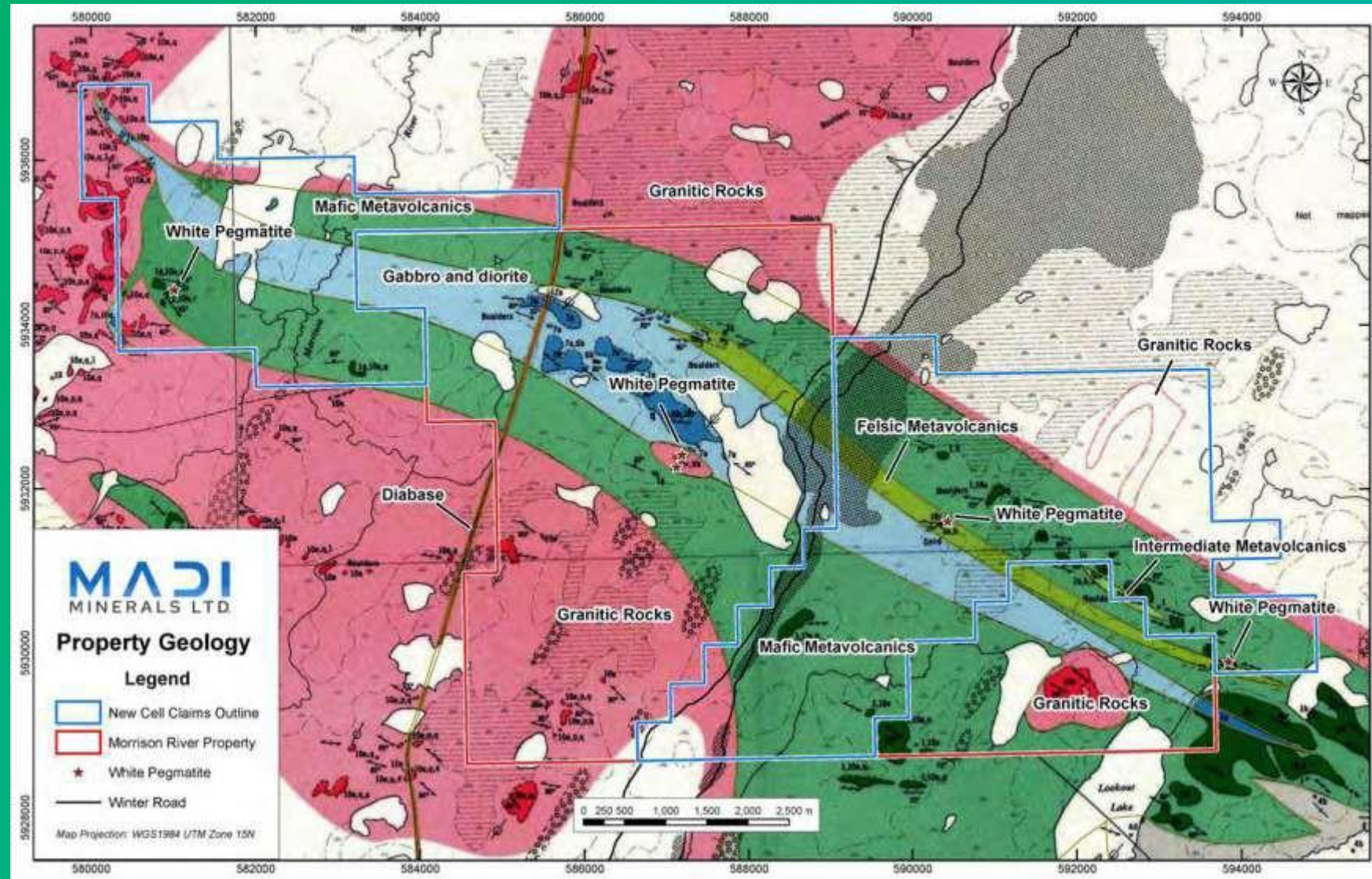
ABUNDANT PEGMATITE OCCURENCES

Morrison River is host to abundant pegmatite, aplite, and felsic dykes that occur in surrounded granitic batholiths and stocks

Morrison River
Property location



Northern Ontario



Five white pegmatite dykes occur in greenstone belt were discovered by OGS mapping program.

The white pegmatite dykes are trending NW-SE direction and over 13km strike length.



IDENTIFIED SIX EXPLORATION TARGETS

1-4

White pegmatite dyke occurrences in the greenstone belt.

5-6

Areas with the potential to contain pegmatite dykes.



2023 EXPLORATION PROGRAM AND HIGHLIGHTS

Airborne geophysics (VTEM/mag) survey to determine lithology boundaries and regional structures.

Stripping, grab sampling, and channel sampling on white pegmatite outcrops. Soil sampling and biogeochemistry of vegetation sampling.

Mineralization targets identified for drilling, dependent on results of Phases 1 and 2 exploration activities. 18-hole drill program totaling 3600m. Costs include labor, work camp, and laboratory costs.

Phase 1

Phase 2

Phase 3

Airborne Geophysics

Field Work

Drilling





Cost: \$153k

Cost: \$119.4k

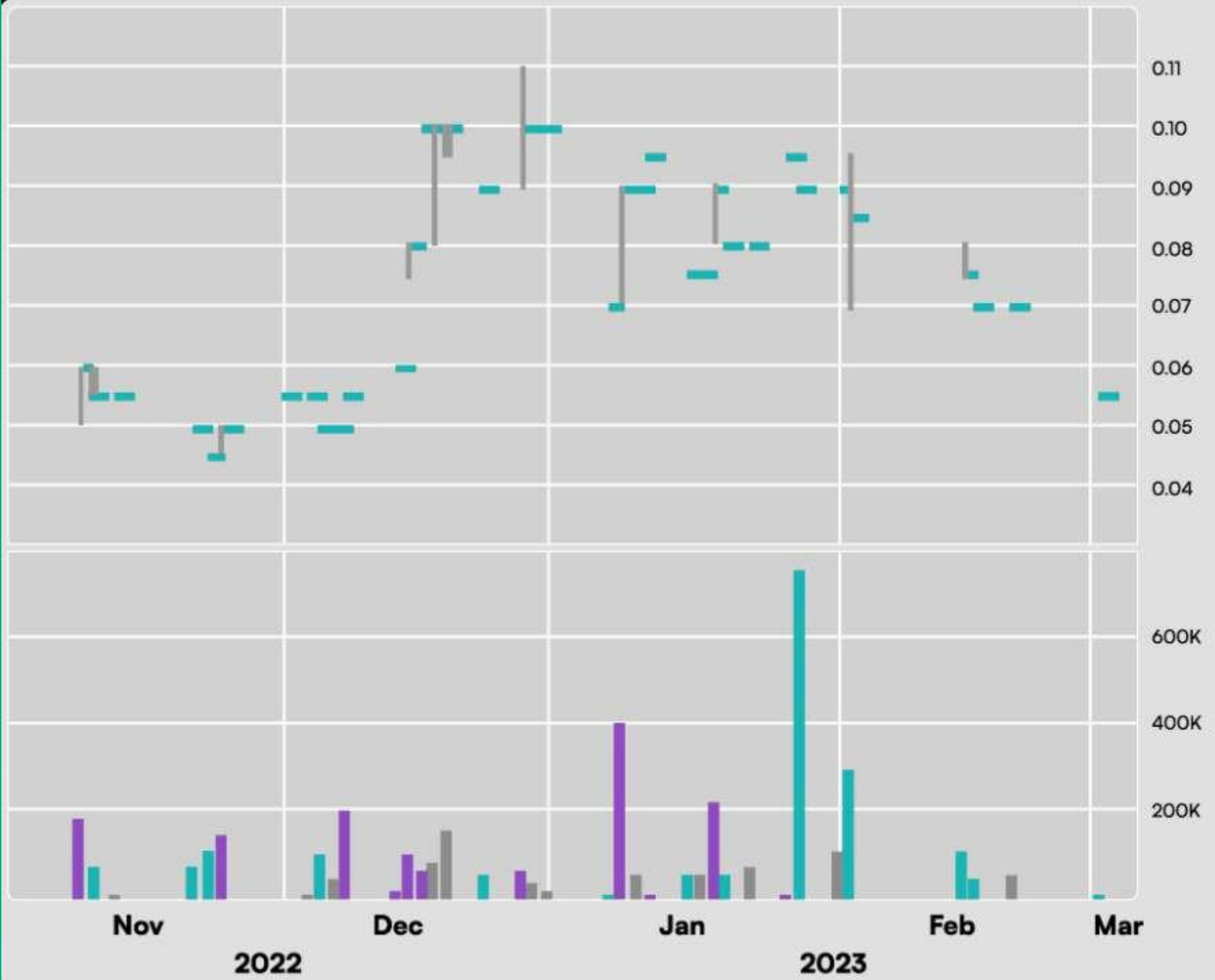
Cost: \$1.668M

Total Cost: \$1.9M

COMP TABLE

Company	Project	Market Cap	Stage	O/S
 Pegmatite One Lithium and Gold Corp. (🇨🇦 CSE:PGA)	MR The Morrison River Property	2.4M	Preliminary Exploration	34.3M
 Critical Resources (🇦🇺 ASX:CRR)	Mavis Lake project & 2 additional smaller nearby land packages	77M	Ongoing 20,000M drill program	1.59M
 Green Technology Metals (🇦🇺 ASX:GT1)	Root & Alison lithium project	179M	Ongoing Phase 2 drilling. Resource TBA	253.1M
 Frontier Lithium (🇨🇦 TSXV:FL)	Pak Lithium Project Spark Deposit	605M	Ongoing drilling Resource Discovery: 26 mt (M&I) @ 1.62% Li ₂ O 32.4 mt (Inferred)@ 1.41% Li ₂ O	224.1M

SHARE STRUCTURE



SHARES
34,325,001

WARRANTS
7,402,500

OPTIONS
2,000,000

FD
43,727,501

Notes:

- 1. All warrants exercisable @0.10
- 2. 1.3M options @0.10, 200k options @\$0.135, 500k @\$0.055



Meet The Management

pegmatiteonlithium.com

KELLY ABBOTT

CEO

Kelly has over 10 years of experience in entrepreneurship and has founded multiple companies ranging in size and industry. Kelly has extensive experience in public markets and has helped secure millions of dollars in capital in private and public sectors.

Kelly's expertise is in marketing, corporate strategy, venture capital and business development. He has overseen the corporate development function of various private and public companies within the mining and resource, technology, cannabis and psychedelic sectors.

ROSS MITGANG

Director

Mr. Mitgang is an experienced director and officer who has served on the boards of various public companies, including his roles as a Director at Shane Resources Ltd. and CEO/CFO of Eagle 1 Capital Corp. He is currently a Director of High Fusion Inc. He was also a co-founder and Director of PsyTechGlobal Inc., a private psychedelics company. With his knowledge of financial reporting and accounting principles, Mr. Mitgang provides valuable insights to the companies he serves. He currently heads the accounting and operations departments as the Controller at Plaza Capital. He earned his Post Graduate Accounting Certificate from York University, providing him with a strong foundation to advise public companies in Canada.

Beyond his current roles, Mr. Mitgang has also held various positions throughout his career, including Operations Manager for a non-profit organization, Admin in the fintech world, and several junior accounting positions. His diverse experiences have given him a well-rounded perspective, enabling him to provide valuable guidance to the companies he serves.

JEREMY PRINSEN

Director

Jeremy is an experienced capital markets professional with nearly a decade of primary involvement in advisory, fundraising, and marketing disciplines for numerous public companies spanning multiple sectors.

His expertise revolves around the guidance of start-ups during the inception stage as they move towards public listing and scaling efforts, including the ability to attract investors to raise capital funds. Having received his Degree in Construction Engineering Technology from the Northern Alberta Institute of Technology, Jeremy transitioned to the capital markets from a successful management career with companies such as Encana and Pembina Pipeline Corporation.

These proficiencies enable Jeremy to apply his strong operational and management skillset towards the seamless execution of core strategies, team development and internal growth, and enhance risk management for stakeholders of projects under his direction.

LEON HO

CFO

Mr. Ho is a chartered professional accountant working at Cross Davis & Company LLP, a chartered professional accountant firm providing accounting services to publicly listed entities, primarily in the mining sector. Mr. Ho works directly with mining chief executive officers and directors, assisting with their regulatory and accounting needs.

BINYOMIN POSEN

Director

Mr. Posen is an independent consultant. Previously, he was a Vice President at Plaza Capital Limited, where he focused on corporate finance, capital markets and helping companies to go public.

After three and a half years of studies overseas, he returned to complete his bachelor's degree in Toronto.

Upon graduating (on the Dean's List) he began his career as an analyst at a Toronto boutique investment bank where his role consisted of raising funds for initial public offerings and reverse takeovers, business development for portfolio companies and client relations.



INVESTMENT SUMMARY



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THANK YOU

For more information:
pegmatiteonelithium.com