



# MANNING VENTURES

CSE: MANN

OTC: MANVF

FSE: 1H5

***Actively Exploring Canada's New Lithium Belts***

# ABOUT US

**Manning** is led by a seasoned management team with a clear focus on driving value to shareholders through actively exploring its lithium assets in Quebec, Ontario and Newfoundland.



Manning is focused on driving shareholder value through the exploration and discovery of Energy Metals, critical materials needed to power the new energy paradigm.



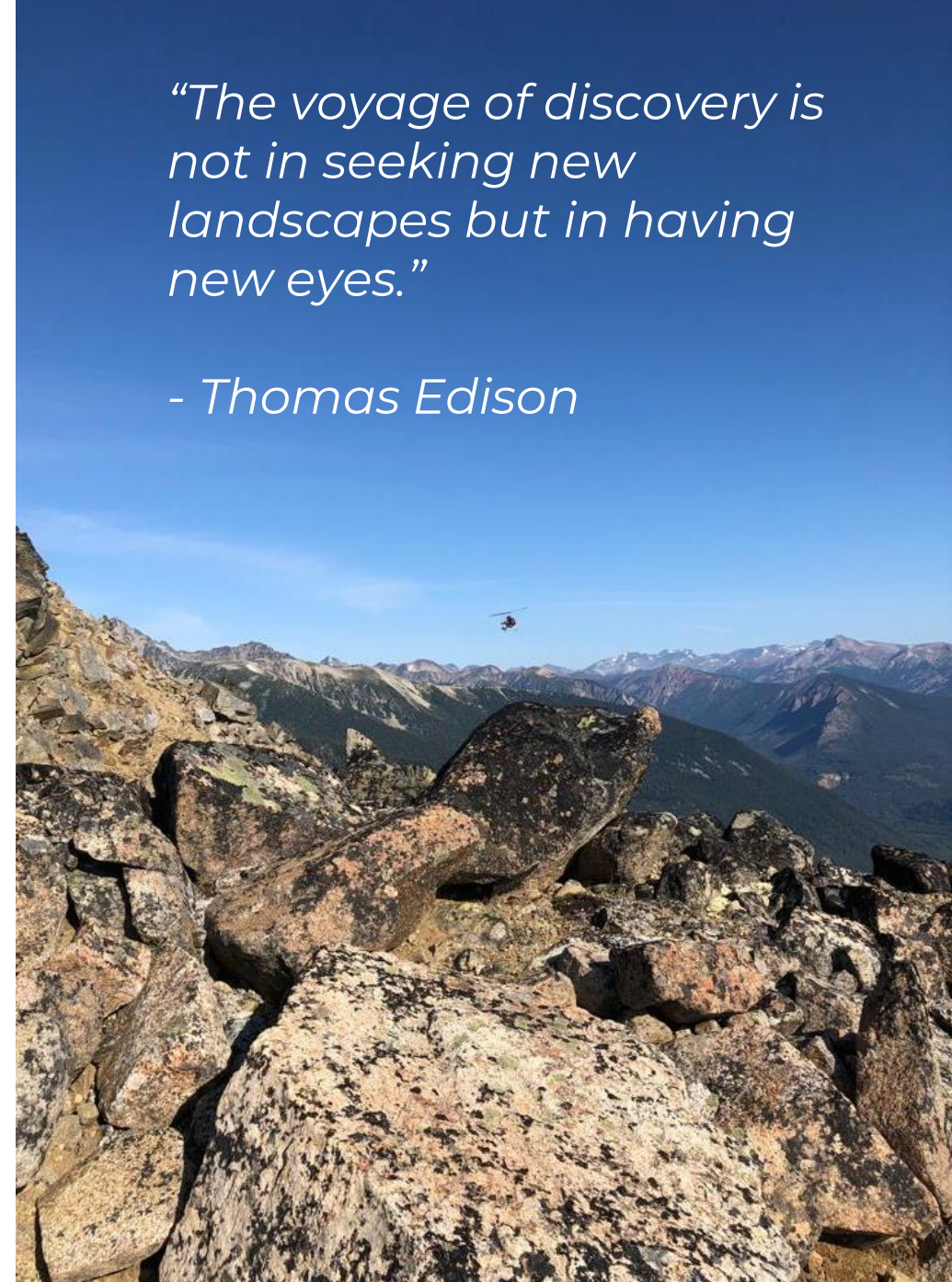
Lithium and associated materials will continue to be at the forefront of global commodity demand for decades to come.



We seek out geologically favorable ground that is both highly prospective and underexplored and through intelligent, methodical exploration we pursue impactful resource discovery.

*“The voyage of discovery is not in seeking new landscapes but in having new eyes.”*

*- Thomas Edison*





# LITHIUM

The **Lithium** rush is being impacted by:

**1** The exponential rise in EV sales which are becoming increasingly incentivized by governments

**2** Increasing number of battery mega factories (200 mega factories in the pipeline for 2030 – 60% of which are already operational)

**3** Price of batteries falling (80% decline since 2013)

There are two main forms of economic Lithium:

**Hard Rock Deposits** or **Brines**

Hard Rock Lithium:

- Typically, mineralization occurs as Lithium-Cesium-Tantalum (LCT) style spodumene bearing pegmatites.
- Lithium bearing rocks can be processed into either lithium carbonate or lithium hydroxide while brines can initially only be processed into lithium carbonate ( $\text{Li}_2\text{CO}_3$ ), which can then be further processed into lithium hydroxide (LiOH)
- Spodumene bearing pegmatites are important sources of hard rock lithium. With rising EV demand lithium hydroxide and lithium carbonate prices have risen by over 200% during 2021. Despite the price rises the forecast lithium market imbalance will continue to increase dramatically in coming years (*Allkem, CEO Presentation, 2021*)

**81%**

of lithium consumption used in Batteries



# MARKET SECTOR



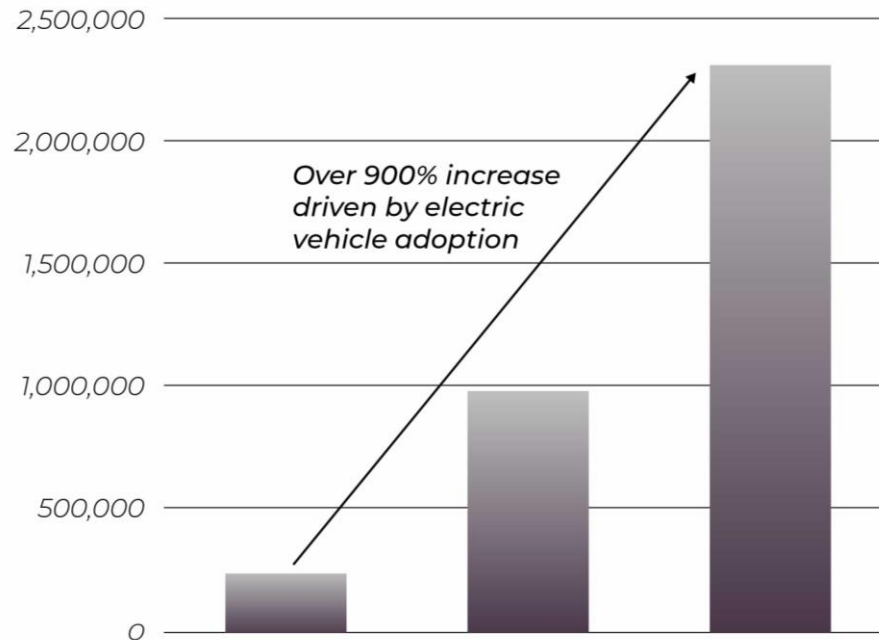
It's the right time to develop lithium projects to meet the current supply gap, caused by the shift to battery powered vehicles and battery storage.

Lithium-ion battery demand expected to increase by over 900% in the next decade

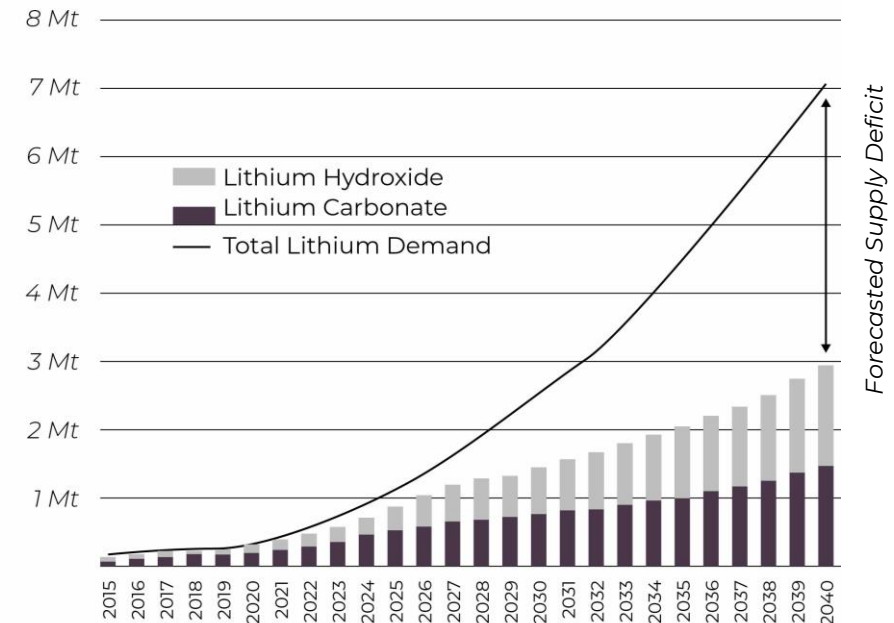
Lithium is a catalyst in the Electric Vehicle (EV) in the transition to clean energy

With 88% of global lithium production occurring in Australia, Chile & China, a new emphasis on North American lithium exploration is emerging to reduce the greater than 50% import reliance on lithium.

**Lithium Demand for Lithium-ion Batteries (tonnes)**



**Lithium Supply Forecast (Million tonnes LCE)**





# PROJECTS



CANADA

USA

MANNING VENTURES   
**Leaf River Lithium Project**


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**Bounty Lithium Project**

MANNING VENTURES   
**Kaba Cu-Li Project**

MANNING VENTURES   
**Dipole Lithium Project**

ONTARIO  
QUEBEC  
Eastmain  
Ottawa  
Montreal  
Toronto  
New York

St. Johns

 Exploration Sites



# LEAF RIVER LITHIUM

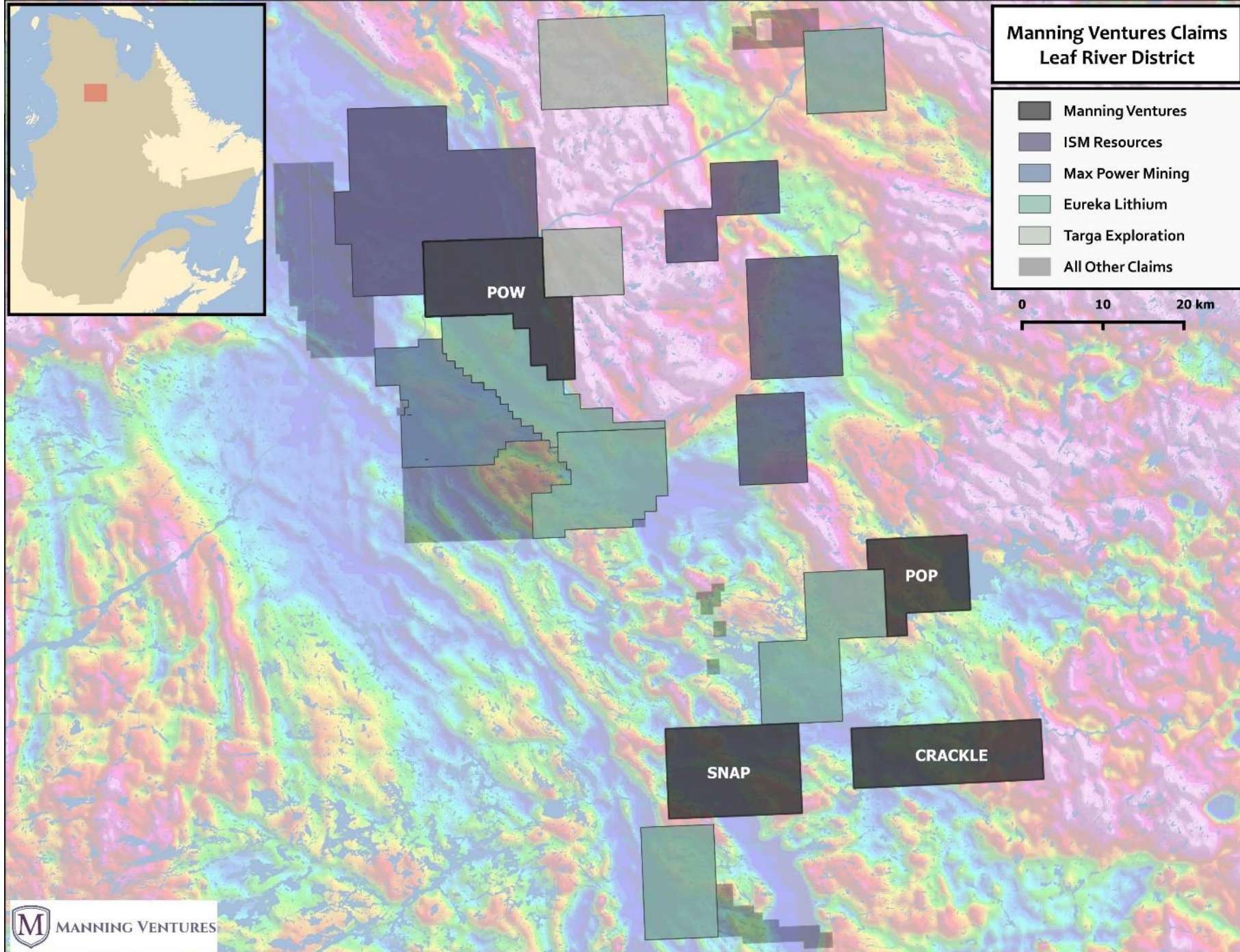
Manning controls a district-scale portfolio of exploration projects situated in the emerging Leaf River lithium camp. Leaf River is located 200 km WSW of the community of Kuujjiaq, Quebec.

The four separate projects, named “**Snap**”, “**Crackle**”, “**Pop**” and “**Pow**”, comprise a combined **65,785-hectares** (1,426 mineral claims). Several companies are now active in the area with multiple large land acquisitions having taken place in recent months.

The acquired claims cover some of the highest (99% percentile) lithium, cesium, and rubidium lake sediment anomalies in the entire Government du Quebec lake sediment database (SIGÉOM) that sit within favourable geological hosts of leucotonalites, granites, gneiss, and mafic basalts units.

The highly elevated lake sediment samples over favourable geology associated with regional magnetic structure and documented pegmatites represents an optimal environment for rare-element pegmatites.

The projects represent a pronounced area of extremely elevated rare-element lake sediment samples hosting documented pegmatites. These sample results, coupled with felsic intrusive activity in structurally prepared ground, provides high exploration merit.





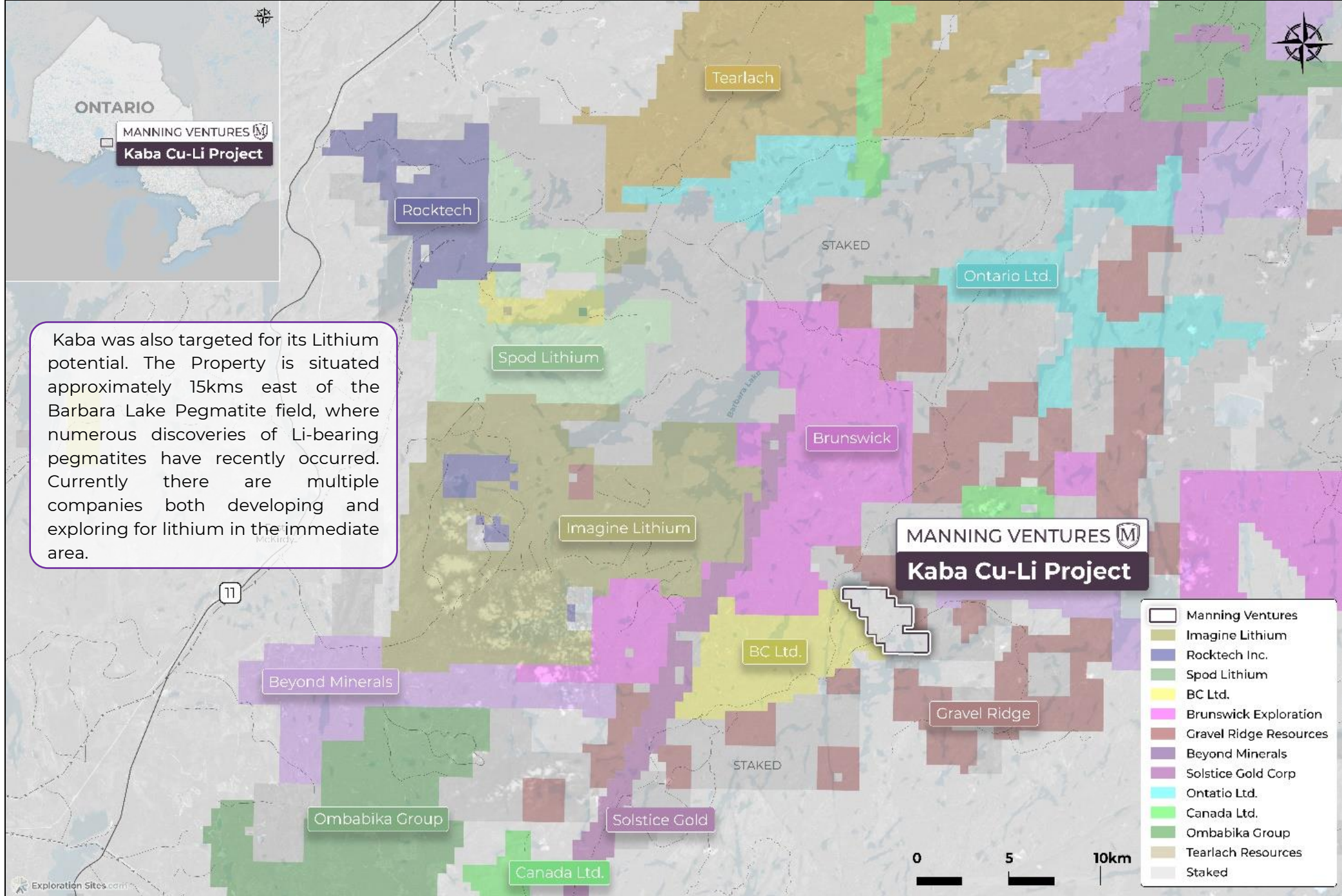
# KABA Cu-Li

The **Kaba Project** is an approximately 2,600-hectare Copper-Lithium exploration property located 50km northeast of the town of Nipigon, in northwestern Ontario, Canada. Logging roads provide excellent access.

Ground and magnetic surveys were completed on the Kaba ground in 1968 by Anglo-American. Two anomalies, 275m and 180m long, were outlined by magnetics.

The EM survey indicated mineralization extended for 1200m. Drilling by Anglo highlighted 26.5m grading 1% Cu and 17.3m grading 0.54% Cu (MDI42E04NE00007).

Other intervals include 2.02% Cu over 4.27m and 1.26% Cu over 3.65m. Chip samples in 1979 by Stinson reported 0.32% Cu over 9.14m (AFRI 42E04NE8355).



Kaba was also targeted for its Lithium potential. The Property is situated approximately 15kms east of the Barbara Lake Pegmatite field, where numerous discoveries of Li-bearing pegmatites have recently occurred. Currently there are multiple companies both developing and exploring for lithium in the immediate area.



# BOUNTY LITHIUM



**MANNING VENTURES**  
**Bounty Lithium Project**

**Patriot Battery Metals**  
**Corvette Lithium Deposit**

**Winsome Resources**  
**Cancel Lithium Deposit**

**Winsome Resources**  
**Adina Lithium Deposit**  
 Results up to 4.89% Li<sub>2</sub>O Drill intercept of 160 m of pegmatite

**Renard Diamond Mine**

**Newmont**  
**Eleonore Gold Mine**  
 1.26 Moz Au at 0.146 g/t Au

**Lac Pivert**

**Critical Elements**  
**Rose Lithium Deposit**  
 31.9 Mt of 0.93% Li<sub>2</sub>O

**Allkem**  
**James Bay Lithium Deposit**  
 11.75 Mt of 1.30% Li<sub>2</sub>O

**Patriot Battery Metals**  
**Pontax Deposit**

**Lemare**

**Nemaska Lithium**  
**Whabouchi Lithium Deposit**  
 36.7 Mt of 1.40% Li<sub>2</sub>O

**Troilus**  
**Troilus Gold Deposit**  
 177 Mt @ 0.87 g/t AuEq

**Moblan**

- Bounty Lithium is located within the Eastmain Greenstone Belt in the James Bay Pegmatite District of west - central Quebec
- Bounty Lithium is prospective for hosting hard-rock, pegmatite-hosted lithium mineralization.
- The project now contains 62 pegmatite target areas, many with previously defined indicator-mineralogy and indicator-chemistry for hosting **Lithium-Cesium-Tantalum (LCT)** style, spodumene-bearing pegmatites

James Bay Greenstone Belt  
 Faults





# BOUNTY LITHIUM



## Initial Work

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## Bounty Lithium Project

Brunswick

QPM

STAKED

2022 Rock Samples  
Lithium (ppm)

- 0 - 80
- 81 - 200
- 201 - 425
- Elevated Tantalum (>25 ppm)
- Elevated Cesium (>100 ppm)
- Elevated Rubidium (>1000 ppm)

● Pegmatite Targets

□ Bounty Lithium Project

-x- Powerlines

- - - Faults

Midlands



The initial exploration included detailed examination of 30 of the 62 pegmatite target areas.

Samples Include 143 pegmatite and/or intrusive rock samples and 4 rock samples with sulphide mineralization for possible gold or base metals potential.

Which returned **7 very anomalous samples > 201 ppm Li** with values up to 425 ppm Li, and 16 Anomalous samples ranging between 81-200 ppm Li.



# DIPOLE

## Claim Detail

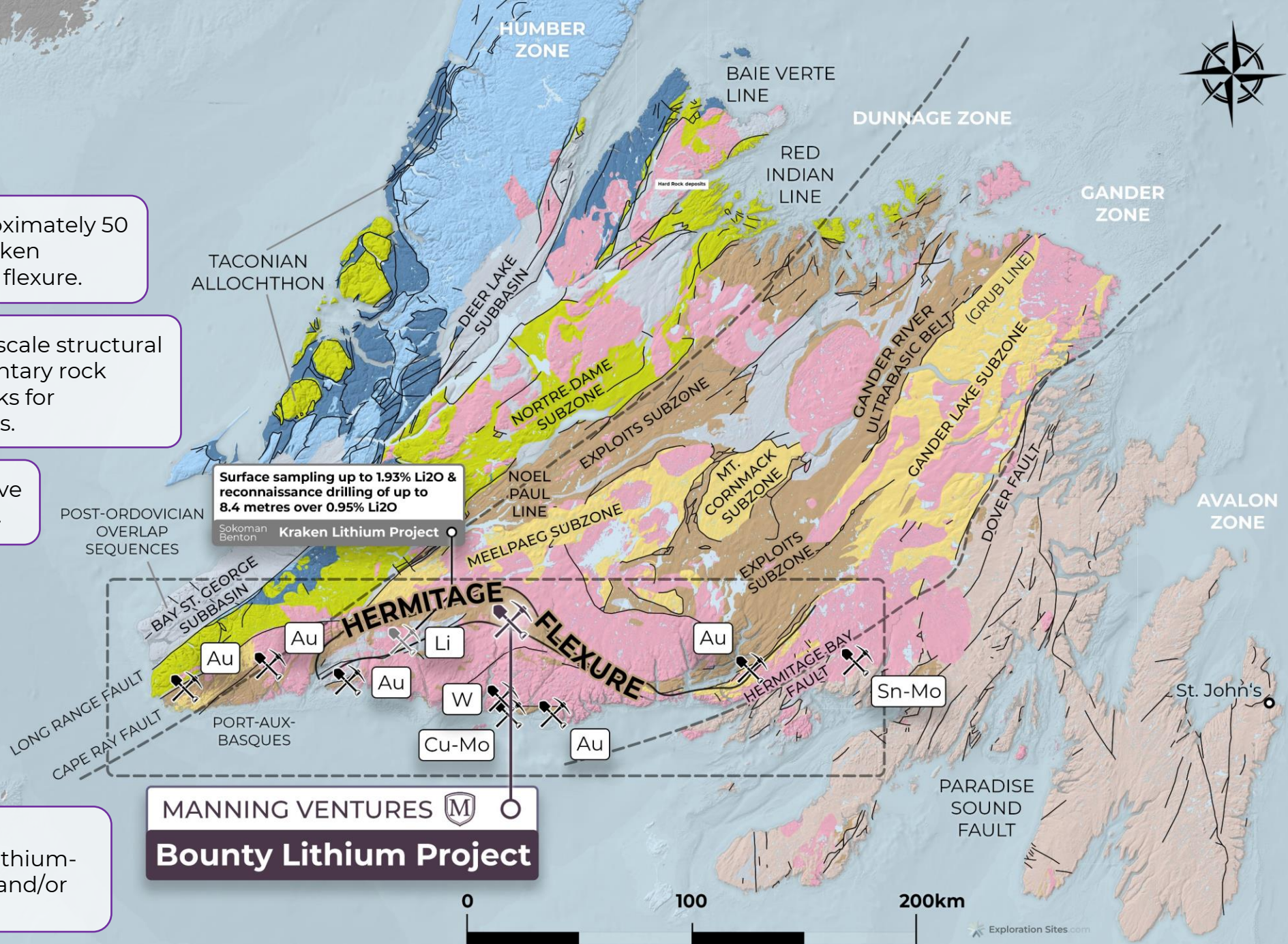
The Dipole property is located approximately 50 kilometres along strike from the Kraken discovery and within the Hermitage flexure.

The Hermitage flexure is a regional-scale structural corridor containing volcano-sedimentary rock units which are a favorable host-rocks for spodumene-bearing LCT pegmatites.

The property is host to several positive indicators for lithium mineralization.

The recent Kraken lithium zone discovery by of Sokoman Minerals Corp. and Benton Resources spurred an early 2022 regional metallogenic study of Southern Newfoundland by Dahrouge Geological Consulting

Their findings suggested the Dipole property is prospective for hosting Lithium-Cesium-Tantalum type pegmatite - and/or Tungsten mineralization



MANNING VENTURES    
**Bounty Lithium Project**



# DIPOLE

## Claim Detail

Falcon Gold

- Tungsten, Molybdenum and Tin, are commonly associated on a regional-scale with LCT-style pegmatites mineralization.
- Lepidolite is a commonly associated mineral at or near spodumene-bearing LCT-style pegmatite(s).

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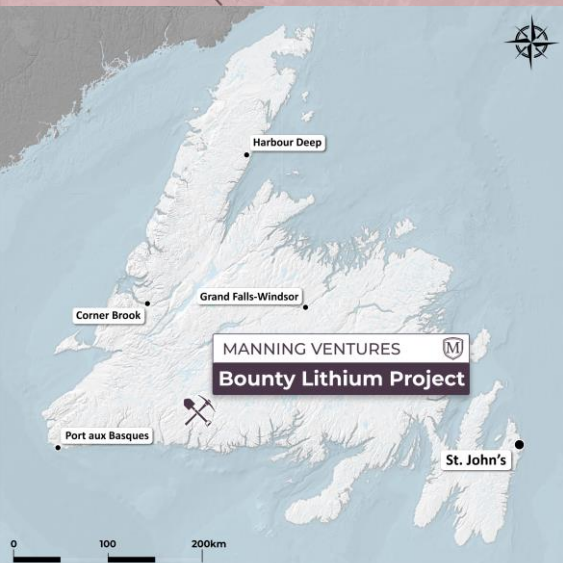
## Dipole Lithium Project

Nova Scotia

Platoro

A historical work report from 1979 by Falconbridge Mines, while searching for base and precious metals, described the following:

- Aplite dikes containing tourmaline and yellow mica.
- Spod boulders, which may have been descriptions of spodumene
- coarse-grained megacrystic granite intruding the volcano-sedimentary belt which may reflect LCT-style pegmatites.
- Sampling found Tungsten, Molybdenum and Tin in boulders returning up to 1.5%  $WO_3$  (Tungsten oxide), 100 ppm Molybdenum and 238 ppm Tin.
- 1984 historical mapping described lepidolite, a lithium-bearing mica, associated with the tourmaline-garnet bearing aplite dikes.



- Mineral Occurrence
- Dipole Lithium Project
- - - Faults





# MANAGEMENT

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## **ALEX KLENMAN**

*CEO, DIRECTOR*

Mr. Klenman is an experienced junior mining executive whose career spans over 30 years in the private and public sectors.

Over the past decade he has held and continues to hold leadership roles with several publicly traded resource companies, including senior officer and/or director positions with Leocor Gold, Azincourt Energy, Tisdale Clean Energy, and others. During his career as a marketing, communications, and finance consultant he has worked with companies such as Roxgold Inc, Forum Uranium, Integra Gold, Midnight Sun Mining, among others. He began his professional career in television broadcasting which evolved into communications, finance, and marketing roles principally for publicly traded companies.

## **BRIAN SHIN**

*CFO*

Mr. Shin specializes in providing financial reporting, corporate finance, auditing, corporate strategy, risk management and other accounting services to both public and private companies in various industries. He holds the professional designation of Chartered Professional Accountant (CPA) in B.C. and Canada and Certified Management Consultant (CMC). Mr. Shin has had extensive experience as a consultant, controller and auditor for numerous publicly traded and private corporations in several industries in multiple countries such as Canada, Hong Kong, and South Korea.







## **WAYNE REID, P.GEO**

*DIRECTOR*

Mr. Reid has over 40 years of experience in exploration and mining geology, spanning a variety of geological terrains, from Newfoundland to Northern British Columbia and Alaska.

He has held senior positions with various public companies and projects in the business of mining and exploration, including Noranda Inc., Hemlo Gold Mines, Echo Bay Mines Ltd. and St. Andrew Goldfields Ltd. Mr. Reid was part of the team involved in the discovery of the Brewery Creek gold deposit in Yukon and the Boundary massive sulphide deposit/Duck Pond mine in central Newfoundland.

Mr. Reid holds a BSc in geology from Memorial University in Newfoundland and has a professional geologist designation from Professional Engineers and Geoscientists — Newfoundland and Labrador. He is currently serving as a director of Metals Creek Resources Corp., and as vice-president of exploration of Quadro Resources Ltd.

## **CHRISTOPHER COOPER**

*MBA, DIRECTOR*

Mr. Cooper has been a director of the Company since January 26, 2016. Mr. Cooper has extensive experience in senior management of both public and private companies. He has founded several resource companies internationally, as well as domestically. Mr. Cooper received his Bachelor of Business Administration from Hofstra University in Hempstead, NY and his Masters of Business Administration from Dowling College in Oakdale, NY.

## **CHARANJIT HAYRE**

*MBA, DIRECTOR*

Mr. Charanjit Hayre is a very experienced and successful entrepreneur helping start-ups in every stage of their development process. Mr. Hayre is currently Chief Operating Officer & Director at Taipak Enterprises Ltd. and Chief Operating Officer & Director at Easysnap NA. Mr. Hayre was previously employed as Independent Director by Iron Tank Resources Corp., Executive Vice President by Great Bear Resources Ltd., Chief Operating Officer by Asentus Consulting Group Ltd., and Senior Manager-Enterprise Risk Services Group by Deloitte & Touche LLP. He also served on the board at MAX Minerals Ltd.



# MANAGEMENT

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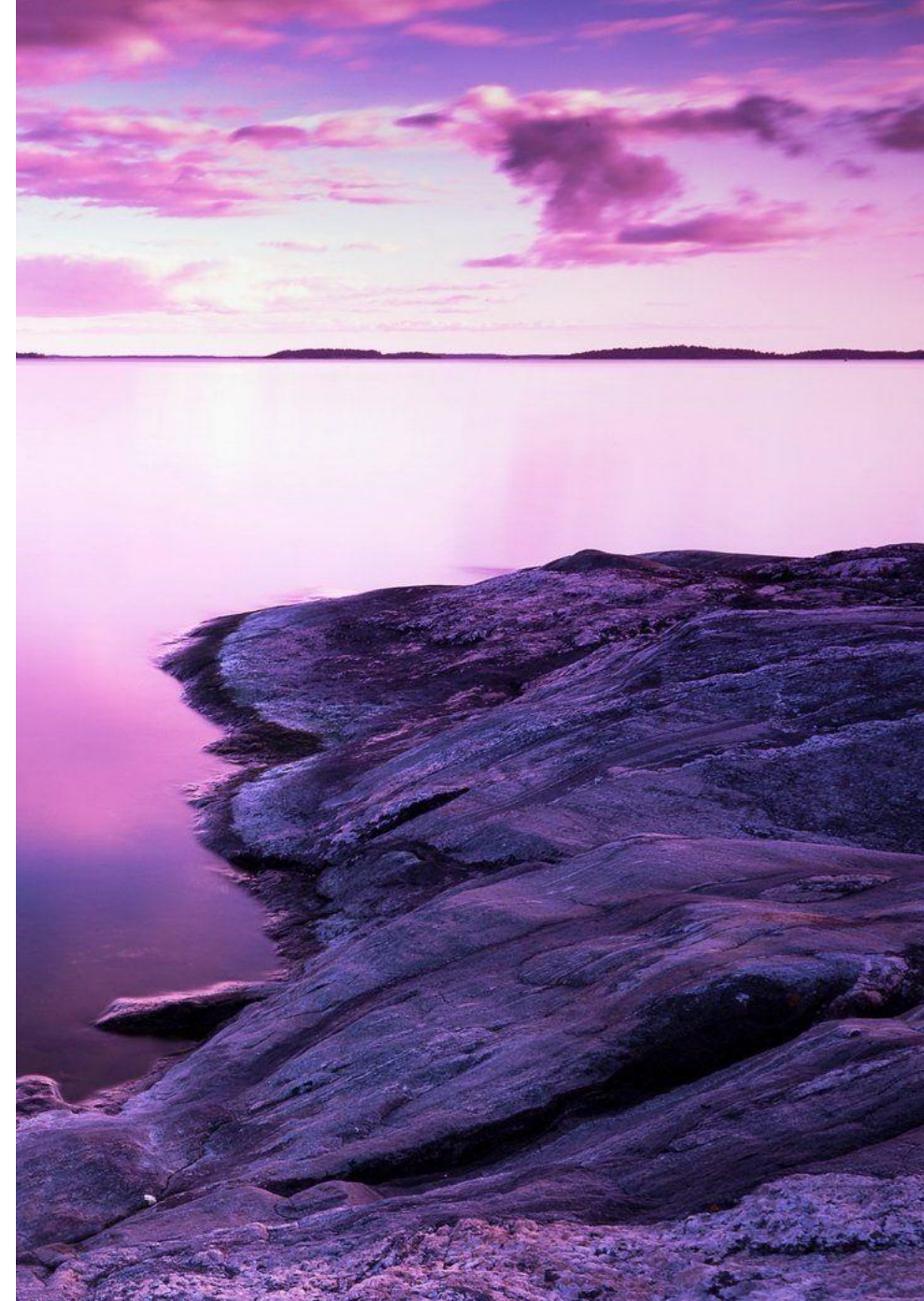
## **NEIL MCCALLUM, P.GEO**

*TECHNICAL ADVISOR*

Mr. McCallum is a professional geologist with over 18 years of experience in North America. He has managed a range of projects from grassroots prospecting to resource definition drilling and resource modelling.

Over his career, he has become an expert in the compilation of regional-scale metallogenic databases to generate new targets and gain a better perspective for project-scale targeting and acquisition. As a result, his specialty has led him to serve as an independent director for several public companies and launched numerous clients along successful paths to discovery.

Mr. McCallum has served as an independent director for several public companies and launched numerous clients along successful paths to discovery and resource definition. He has been involved in the identification and acquisition of early-stage lithium projects for the past 7 years across North America. In 2016, Mr. McCallum identified and staked the Corvette property for then 92 Resources (predecessor to Patriot Battery Metals) as a property to pursue for lithium exploration. Since that time, Patriot has grown to a CAD \$900+ million-dollar market cap company with one of the top tier lithium pegmatite projects in Canada.



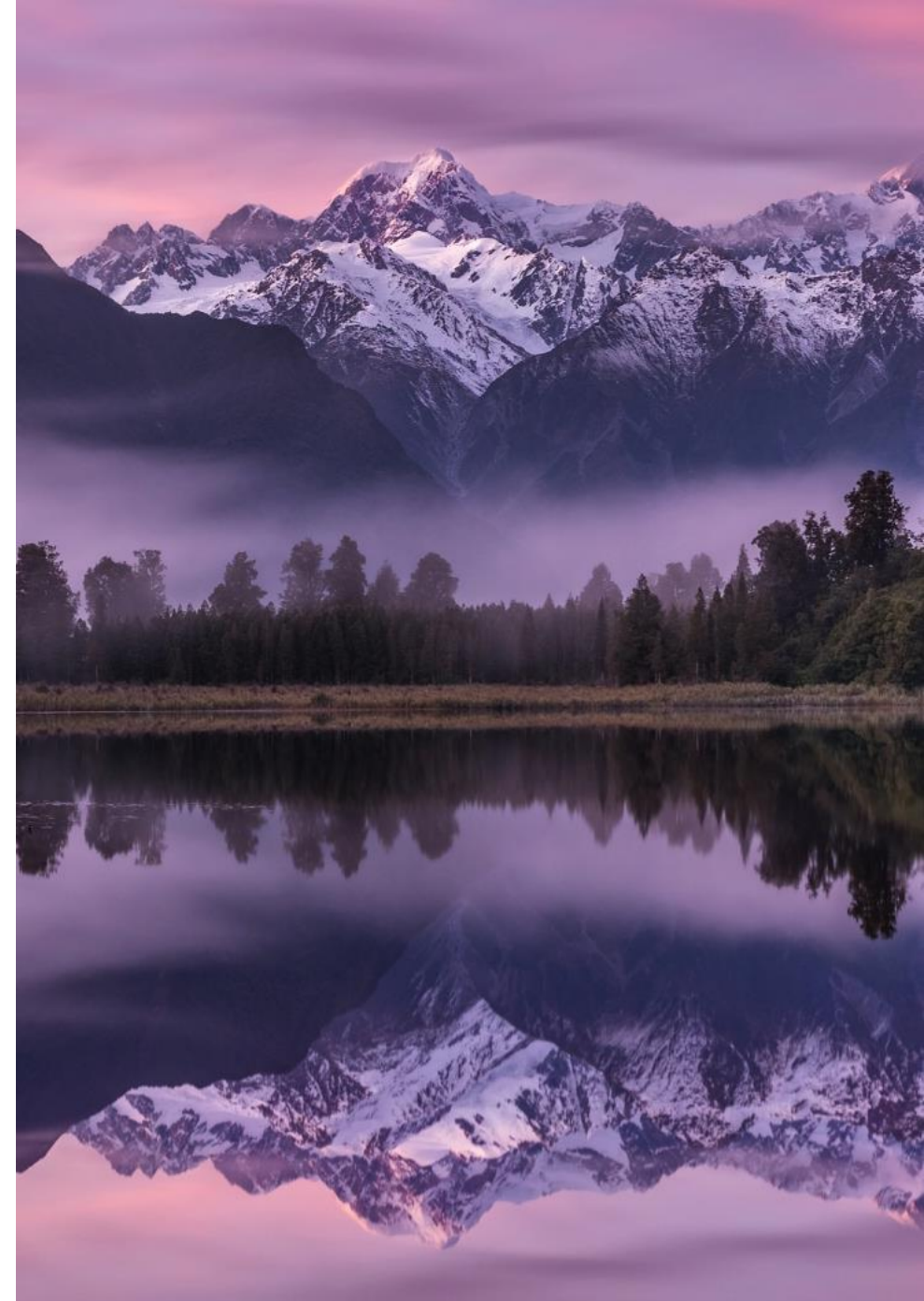


# SHARE STRUCTURE

**90,748,967**  
Shares

**4,384,958**  
Warrants

**2,300,000**  
Stock options





# CONTACT

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