



MANNING VENTURES

CSE: MANN

OTC: MANVF

FSE: 1H5

## **Corporate Presentation 2022**

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 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.



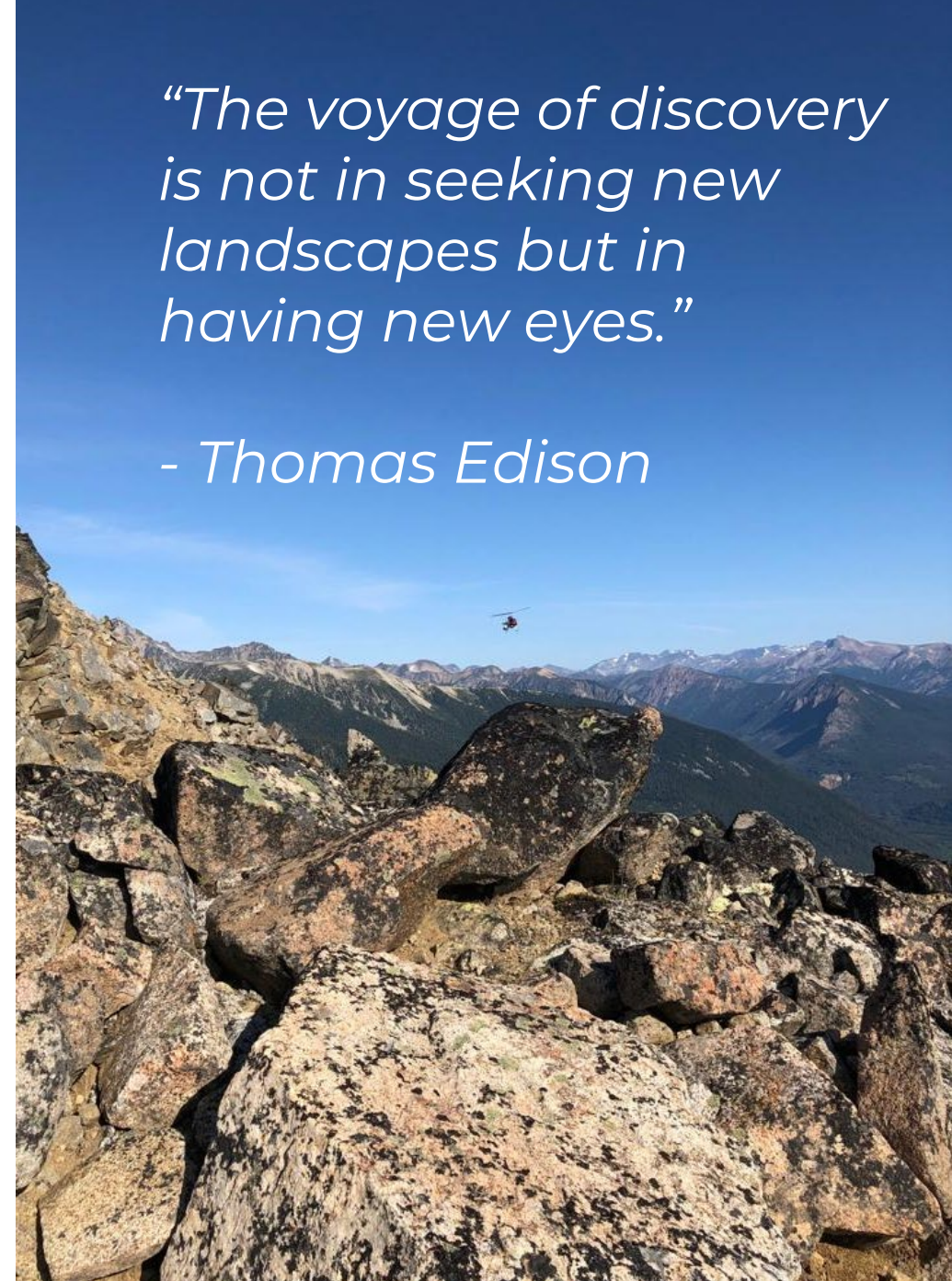
Lithium and associated materials will continue to be at the forefront of global commodity demand for decades to come.



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 ( $\text{LiOH}$ )
- 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

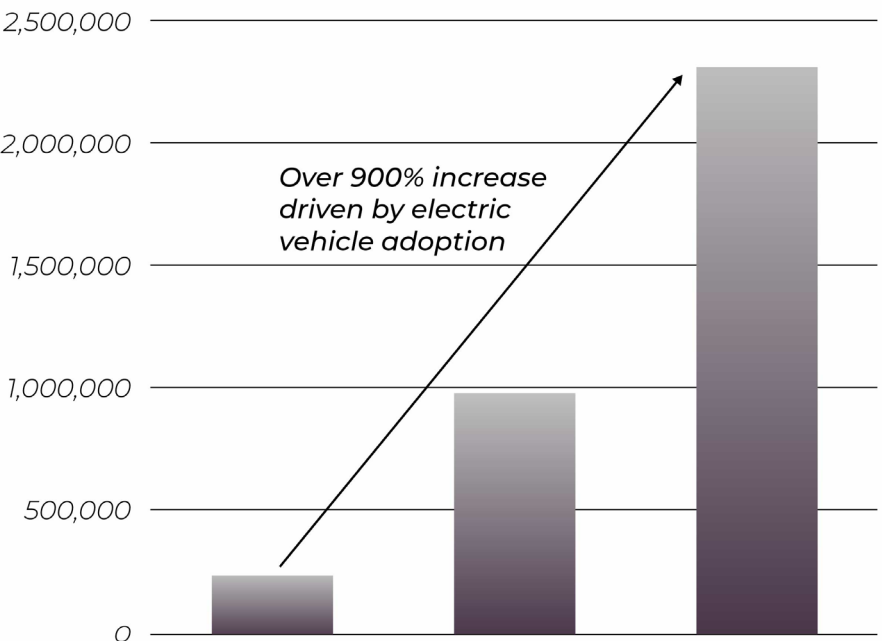
It's the right time to develop lithium projects to meet the current supply gap, caused by the shift to battery powered vehicles and battery storage.

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

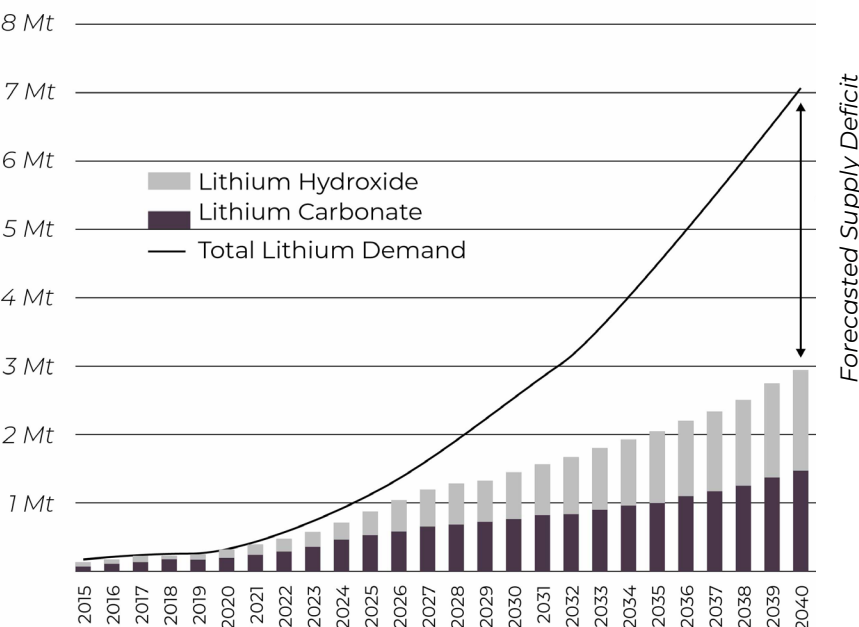
Lithium is a catalyst in the Electric Vehicle (EV) in the transition to clean energy

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

**1 Bounty Lithium Project**  
144 mineral claims  
totaling 7,544 hectares

**2 Dipole Lithium Project**  
4 mineral claims  
totaling 997.9 hectares

ONTARIO

QUEBEC

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**Bounty Lithium Project**



Eastmain

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**Dipole Lithium Project**



St. Johns

Ottawa

Montreal

Toronto

New York

USA

Exploration Sites .com



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[manning-ventures.com](http://manning-ventures.com)







# BOUNTY LITHIUM

## Claim Detail

- The Property is host to several known pegmatite outcrops but remains underexplored with little to no lithium-focused work having been conducted prior to Manning-Ventures.
- No lithium-bearing occurrences had been noted *despite several known pegmatite outcrops on the property*.
- Project selected as a result of a regional targeting method including a review of pegmatite occurrences across Quebec with the appropriate indicator-mineralogy and indicator-chemistry for hosting **Lithium-Cesium-Tantalum (LCT) style**, spodumene-bearing pegmatites, within favorable host-rocks.

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## Bounty Lithium Project

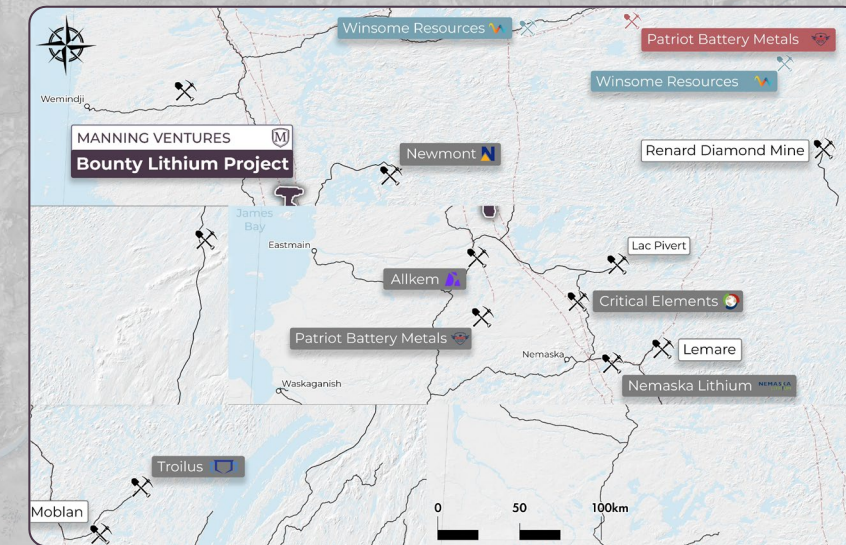
QPM

STAKED

Midlands

Troilus

Brunswick



- Pegmatite Targets
- Bounty Lithium Project
- x- Powerlines
- - - Faults

0 5 10km



# 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

Powerlines

Faults

Midlands

0 1 2km

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.

Exploration Sites.com



# DIPOLE

## Claim Detail

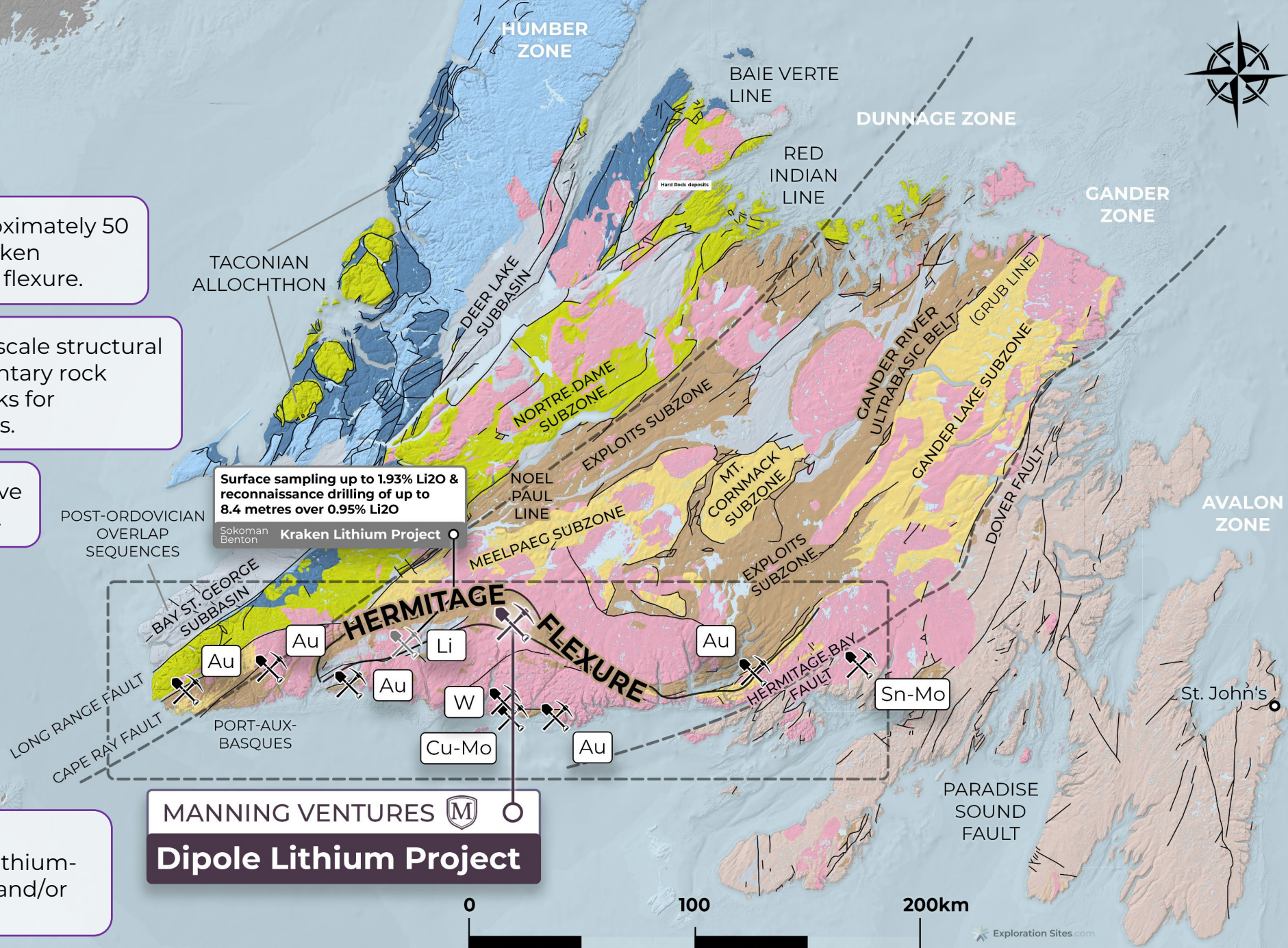
The Dipole property is located approximately 50 kilometres along strike from the Kraken discovery and within the Hermitage flexure.

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



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**Dipole 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

0 1 2km



# MANAGEMENT

## 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.

## HEIDI GUTTE

*CFO*

Ms. Gutte specializes in providing corporate finance, financial reporting, consulting, taxation and other accounting services to both small businesses as well as public companies in various industries.

Ms. Gutte earned her bachelor's degree of computer engineering from the University of Applied Sciences in Brandenburg, Germany. She holds the professional designation of Chartered Professional Accountant (CPA, CGA) and is a member of Chartered Professional Accountants of British Columbia and Canada.





# MANAGEMENT

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## **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

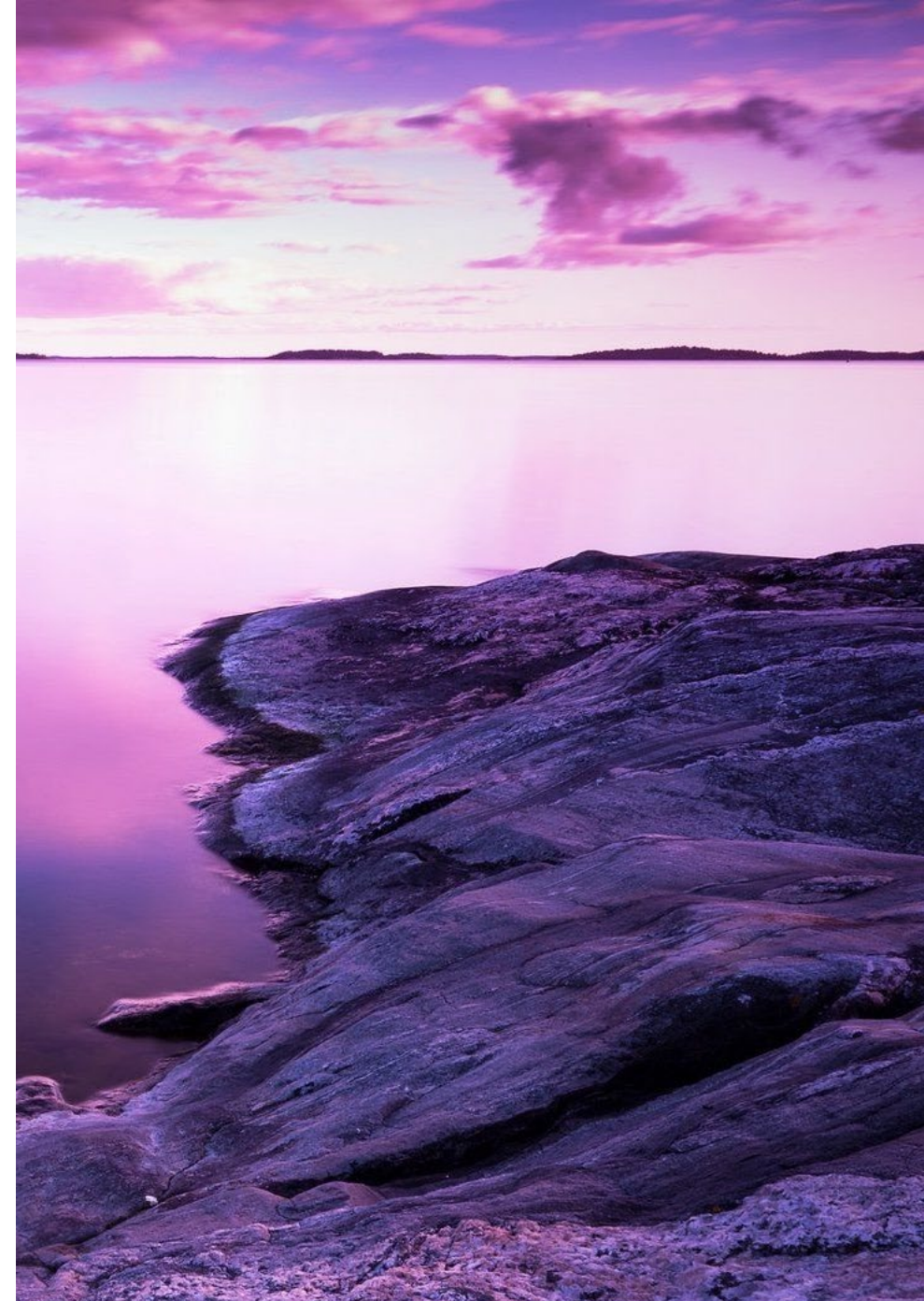
## **NEIL MCCALLUM, P.GEO**

*TECHNICAL ADVISOR*

Mr. McCallum is a professional geologist with over 16 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.

His extensive project and managerial experience has led to a high level of proficiency in designing budget-specific exploration programs for a variety of commodities within both Canadian and U.S. jurisdictions with the added ability to recognize and develop often hidden potential.





# SHARE STRUCTURE

## Investors

**54,798,967**  
Shares

**22,265,620**  
Warrants

**1,050,000**  
Stock options



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**0.070**<sup>E</sup>  
CAD






# CONTACT

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