

# U.S. LITHIUM EXPLORATION

## A HIGH-VALUE GREEN-ENERGY CRITICAL MINERAL

### INVEST IN THE BACKBONE OF THE U.S. EV SUPPLY CHAIN

Rover Metals' Nevada Claystone Lithium Project is a shovel-ready exploration project. Rover has outlined a 1,200 meter reverse circulation drill program to follow-up on high-grade Lithium surface samples. Highlights of this Lithium project include:

- District scale land package (over 6,000 acres) on Bureau of Land Management land.
- Existing Hydro Energy on-site.
- Road access to nearby town.
- Readily available skilled labor.
- Claystone Lithium deposit requiring less water than brine lithium.
- Surface grab samples of up to 1,218 ppm Li.
- Key element of the EV Battery supply chain.
- Nearby Claystone Lithium Refinery at the Pre-Feasibility Stage.
- Quarry Mine production model, fast-track permitting production.

CURRENT STAGE



### EXPLORATION

Establishing the supply chain for domestic lithium production in Nevada, USA

FAST TRACKED



### EXTRACTION

Raw materials from exploration transported for domestic processing



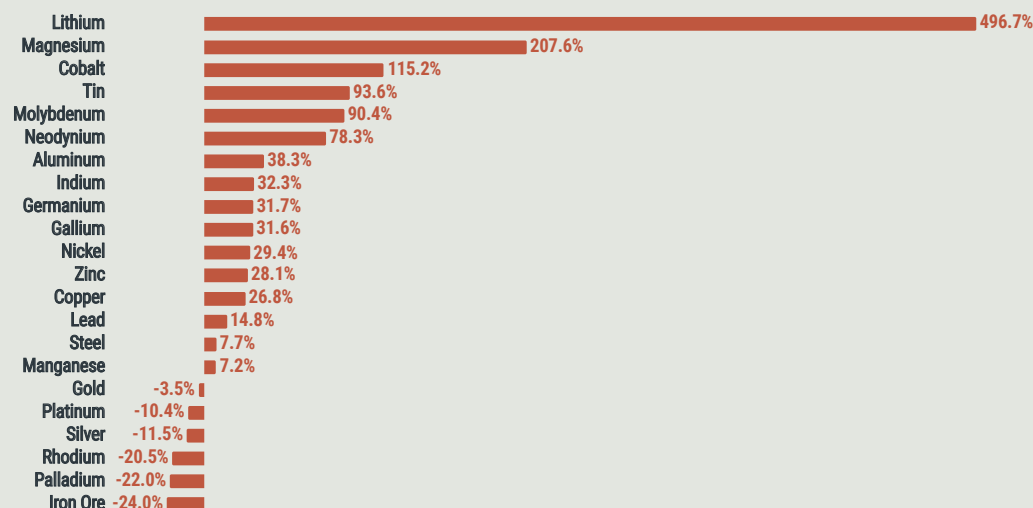
### PROCESSING

Establishing & delivering critical mineral inputs necessary for EV production, wind, & solar technologies



Lithium was the best performing metal in 2021. The demand for domestic lithium will continue to increase exponentially past 2030.

### ANNUAL METAL RETURNS - 2021



# ROVER METALS

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TSXV: ROVR

OTCQB: ROVMF

FSE: 4XO

Experienced Management Team





## LITHIUM OPPORTUNITY IN NEVADA

**THE US GOVERNMENT HAS DESIGNATED LITHIUM AS A CRITICAL MINERAL OF STRATEGIC IMPORTANCE, INCREASING EXPLORATION AND STREAMLINING PERMITTING.**

**(Executive Order 13817 – A Federal Strategy to Ensure, Secure and Reliable Supplies of Critical Minerals)**

- U.S. Military Funding Available for Lithium as its designated as a critical mineral.
- Claystone Lithium mining proven to be more sustainable by using less water than brine mining. Technological breakthroughs allow battery-grade lithium carbonate to be produced from claystone. Water rights and licenses are a key factor in lithium mining in Nevada.
- On September 19, 2022, Cypress Development (TSXV: CYP) reported that it achieved 99.94% lithium carbonate from its Clayton Valley claystone lithium project. The Clayton Valley project is the closest geological comparable to Rover's Let's Go Lithium project.
- There are several publicly traded junior mining companies that are operating in the claystone lithium space in Nevada. All have shown the ability to grow their geological lithium resources and mining permits quickly due to the favourable mining jurisdiction of Nevada. Later-stage comparable claystone lithium projects include Cypress Development's Clayton Valley project; American Lithium's TLC project; Spearmint Resources' McGee project; Noram Lithium's Zeus project, and Iconic Minerals' Bonnie Claire project. All of the aforementioned companies are later-stage mining companies, with a NI 43-101 resource definition.
- Cypress Development went from the drilling resource definition stage to the Pre-Feasibility Pilot Refinery stage in three years. Following the same model, Rover plans to fast track from the drilling resource definition stage to quarry production in similar time period.

## ELECTRIC VEHICLES

**EV adoption rates will significantly impact lithium ion battery demand in the coming years**



### PASSENGER

Rho Motion states 81.8m is the expected vehicle sales volume in 2022. 12.6% (10.3m) will be EVs. The 2025 projection is 20m.



### LARGE VEHICLE

The electric commercial vehicles has accelerated the EV demand and unit sales are projected to increase 23% this year.



### BATTERIES

As battery technology improves, vehicle battery pack size is expected to increase 15% by 2025.

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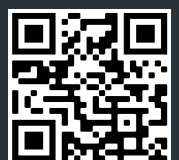
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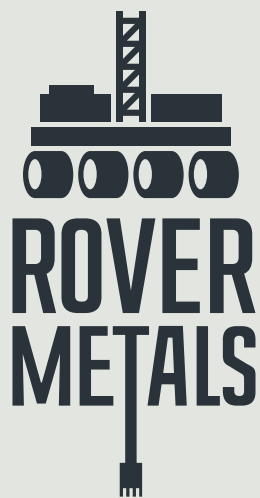
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# CANADIAN EXPLORATION OF HIGH-VALUE GREEN-ENERGY CRITICAL MINERALS

## INVEST IN UNDERVALUED DOMESTIC, TAX-CREDITED, CLEAN-ENERGY TRANSITIONS.

WORLD BANK ESTIMATES 500% INCREASE IN DEMAND FOR CRITICAL MINERALS BY 2050. S&P GLOBAL ESTIMATES A 112% INCREASE IN COPPER PRODUCTION BY 2050.

Rover Metals (TSXV: ROVR) (OTCQB: ROVMF) (FSE: 4XO) is an early-stage junior mining company focused on North American (Canada and U.S.) critical minerals and precious metals development projects. Critical Mineral development in North America is supported by both Canadian and U.S. Government policy.

The Company is currently advancing exploration at a large historic Volcanic Massive Sulfide (Zinc-Lead-Silver-Copper) deposit located in the Northwest Territories of Canada, at the 60th parallel, near to the city of Yellowknife. The Indian Mountain Lake project, NT, Canada, is located at the eastern arm of Great Slave Lake, NT, Canada.

There is a Historic Mining Resource (Zinc-Lead-Silver-Copper) ready to be upgraded to a NI 43-101 compliant resource. The Historic Mining Resource represents only 3% of the 30,000 acre total land package. Blue Sky Potential exists for a large tonnage Tier 1 Copper Discovery.

CURRENT STAGE



### EXPLORATION

Establishing the domestic supply chain for Canadian critical minerals in NWT



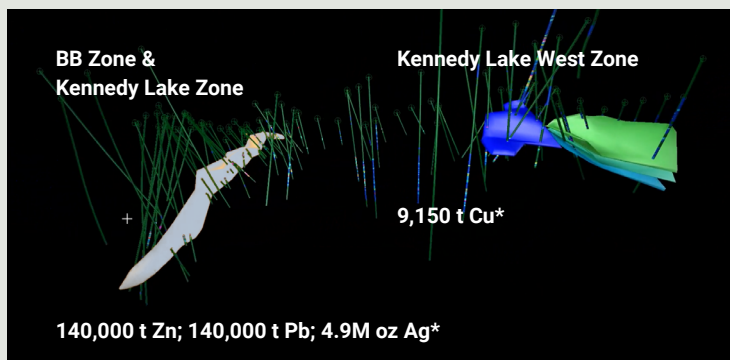
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*\*These resources are historic in nature. Further drilling is needed to bring them up to CIM Definition Standards. The historic data has not been verified by Rover. The historic information is provided in the 2103 Assessment Report for Indian Mountain Lake which is in public record with the Government of the Northwest Territories.*

## ELIGIBLE TAX CREDITS

EXCLUSIVE FOR CANADIAN MINING PROPERTIES AND CANADIAN INVESTORS:  
30% CRITICAL MINERAL EXPLORATION FLOW-THROUGH TAX CREDIT.

Contact us for more information: [info@rovermetals.com](mailto:info@rovermetals.com)

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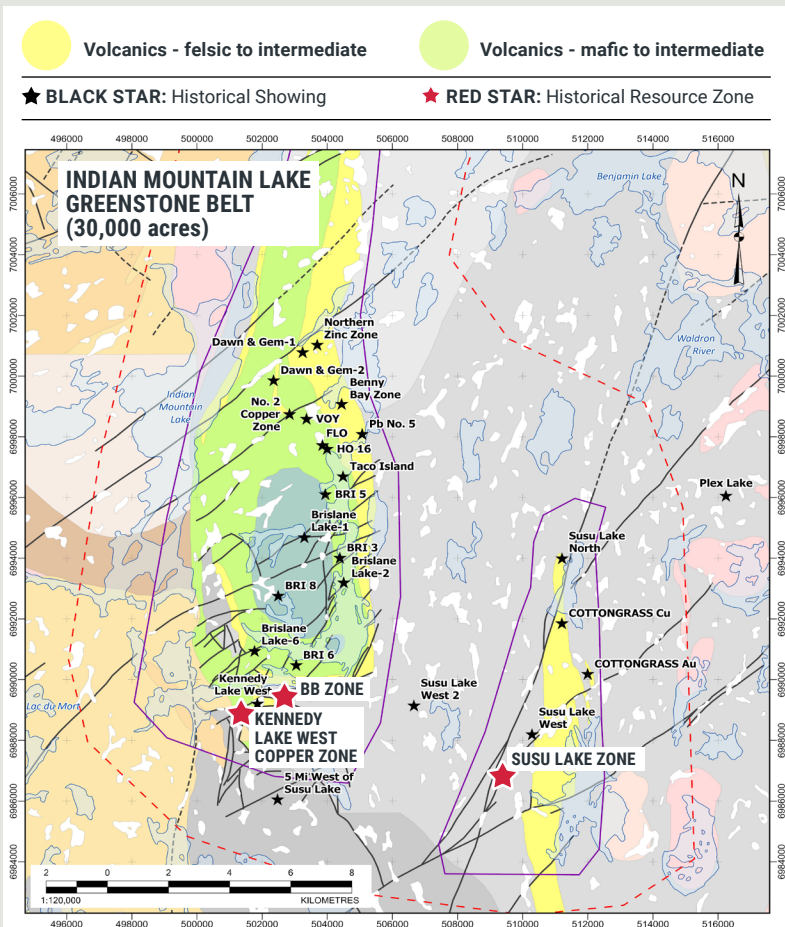
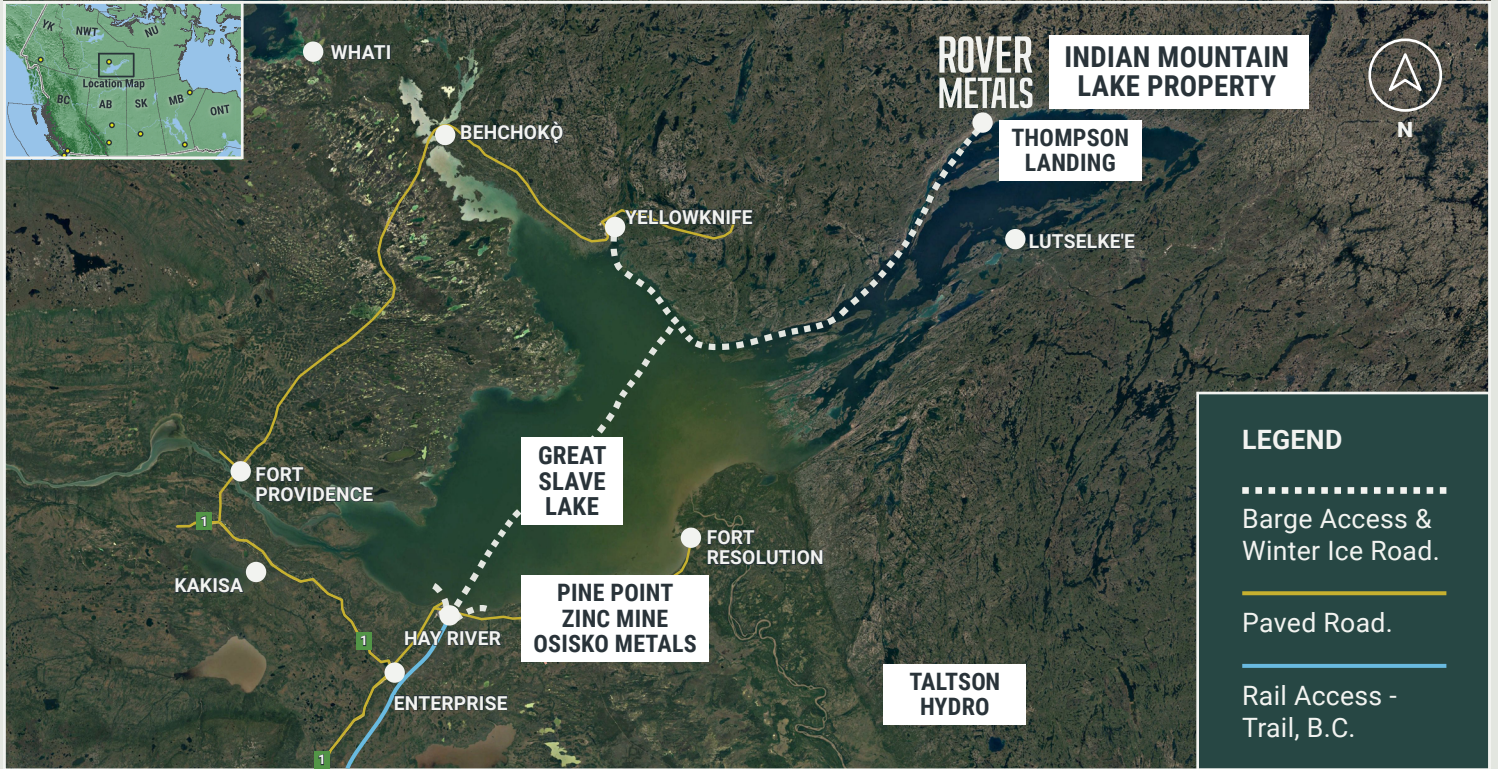




# INDIAN MOUNTAIN LAKE PROPERTY (ZINC-COPPER-LEAD-SILVER)

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**KENNEDY LAKE WEST ZONE**  
9,150 t Cu

**BB ZONE**  
140,000 t Zn - 140,000 t Pb  
4,900,000 oz Ag

**SUSU LAKE ZONE**  
1,350 t Cu

## INFRASTRUCTURE

- Lake barge and ice road accessible from the cities of Yellowknife, and Hay River, NT, Canada
- Lake and road access to Pine Point Zinc Mine
- Access to future expansion of the Taltson Hydro Plant
- Access to railway connecting to Zinc Refinery in Trail, BC

## GOVERNMENT POLICY

- [Billions of dollars in tax credits and government incentives from the Government of Canada's Critical Minerals Policy](#)
- [Billions of dollars in tax credits and government incentives from the U.S. Government's Energy Policy](#)

## OPPORTUNITY

- Invest into the discovery and pre-resource disclosure stage of a junior mining company
- Beginning in 2023, 30% of all critical minerals used by the U.S. automotive industry must be sourced from a NAFTA country (scaling to 80% in 2027)
- Critical Mineral supply agreement signed between the Canadian Government and Mercedes-Benz and Volkswagen
- ESG qualified investment
- Only 3% of the mining claim block has a historical resources. The remaining 97% of the 30,000 acre greenstone belt has the potential for a Tier 1 Copper Zinc discovery
- District-scale mining land package

## LEGACY GOLD PROJECTS

- 100% ownership of legacy gold projects

