DISCOVERY ENERGY METALS

2026
CORPORATE
PRESENTATION

CSE: DEMC
OTCQB: DEMCF
FRA: Q3Q

PROSPECTING FOR DISCOVERY

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DISCOVERY ENERGY METALS

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ONWARD-LOOKING ASSUMPTIONS/ESTIMATES in this Presentation reflects Discovery Energy Metals current views with respect to future events and are necessarily based upon a number of assumptions and estimates that, while considered reasonable by Discovery Energy Metals, are inherently subject to significant business, economic, competitive, political and social uncertainties and contingencies. Many factors, both known and unknown, could cause actual results, performance or achievements to be materially different from the results, performance or achievements that are or may be expressed or implied by such forward-looking information contained in this Presentation and documents incorporated by reference, and we have made assumptions based on or related to many of these factors. Such factors include, without limitation: fluctuations in spot and forward markets for silver, gold, base and rare metals and certain other commodities (such as natural gas, fuel oil and electricity); restrictions on mining in the jurisdictions in which Discovery Energy Metals operates; laws and regulations governing our operation, exploration and development activities; its ability to obtain or renew the licenses and permits necessary for the operation and expansion of its existing operations and for the development, construction and commencement of new operations; risks and hazards associated with the business of mineral exploration, development and mining (including environmental hazards, potential unintended releases of contaminants, industrial accidents, unusual or unexpected geological or structural formations, pressures, cave-ins and flooding); inherent risks associated with tailings facilities and heap leach operations, including failure or leakages; the speculative nature of mineral exploration and development; the inability to determine, with certainty, production and cost estimates; inadequate or unreliable infrastructure (such as roads, bridges, power sources and water supplies); environmental regulations and legislation; the effects of climate change, extreme weather events, water scarcity, and seismic events, and the effectiveness of strategies to deal with these issues; risks relating to Discovery Energy Metals exploration operations; fluctuations in currency markets (such as the US dollar versus the Canadian dollar); the volatility of the metals markets, and its potential to impact our ability to meet its financial obligations; Discovery Energy Metals ability to recruit and retain qualified personnel; employee relations; disputes as to the validity of mining or exploration titles or claims or rights, which constitute most of its property holdings; Discovery Energy Metals ability to complete and successfully integrate acquisitions; increased competition in the mining industry for properties and equipment; limited supply of materials and supply chain disruptions; relations with and claims by indigenous populations; relations with and claims by local communities and non-governmental organizations; the effectiveness of its internal control over financial reporting; claims and legal proceedings arising in the ordinary course of business activities.

Forward-looking information is made based on management's beliefs, estimates and opinions and are given only as of the date of this Presentation. Discovery Energy Metals undertakes no obligation to update forward-looking information if these beliefs, estimates and opinions or other circumstances should change, except as may be required by applicable law. **Current and potential investors should not place undue reliance on forward-looking statements due to the inherent uncertainty therein. All forward-looking information is expressly qualified in its entirety by this cautionary statement.**

HISTORIC RESOURCES. All technical information in this Presentation related to quantity, grade, metal and/or mineral content constitutes 'historical estimates' as that term is defined in National Instrument 43-101 – Standards of Disclosure for Mineral Projects. **A qualified person has not done sufficient work to classify any of the references discussed in this Presentation as current mineral resources or mineral reserves and these estimates are being treated as historical in nature and not as current mineral resources or mineral reserves. Accordingly, these historical estimates are presented only for the purposes of assisting in describing the extent of lithium mineralization and to outline the exploration potential. Any historic samples are by their nature selective and are not necessarily indicative of the general geology or grade within the property(s) and are not contained in a National Instrument 43-101 report and are provided for context only. These estimates should not be relied upon for assessing the merits of the Discovery Energy Metals properties. The company will undertake such exploration work as it determines necessary in order to upgrade or verify the historical estimates contained herein.**

This presentation also contains information on other mines, deposits and businesses in areas surrounding the Company's properties / target properties. This information has been Sourced from the Quebec Ministère des Ressources naturelles et des Forêts, Wikipedia, relevant company reports, and other publicly available information. A qualified person has not done sufficient work to classify any of the estimates discussed in this Presentation relative to current mineral resources, mineral reserves or commercial production viability.

COPPER MARKETS

The World Needs More Copper

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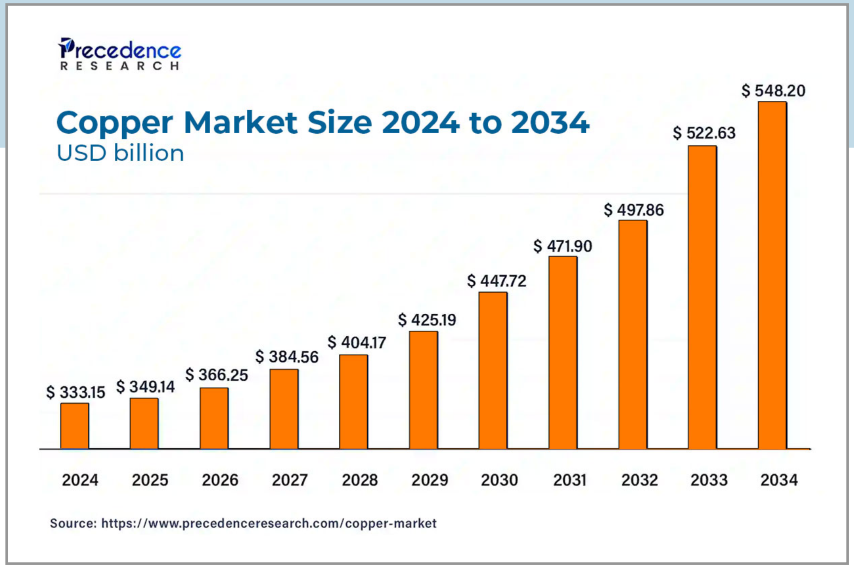
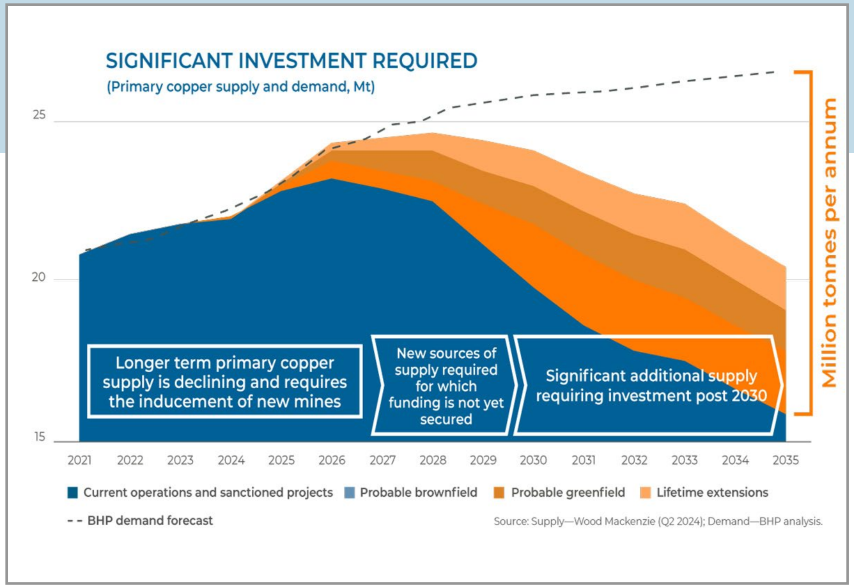
THE GLOBAL COPPER MARKET

The global copper market size was calculated at USD 333.15 billion in 2024 and is expected to reach around USD 548.20 billion by 2034, expanding at a CAGR of 5.11% from 2025 to 2034.



THE GLOBAL COPPER SUPPLY

JP Morgan expects the global deficit in refined copper to grow to 160,000 metric tons in 2026. Longer term primary copper supply is declining and requires the inducement of new mines.



COPPER DEMAND

Essential for Everything Electric

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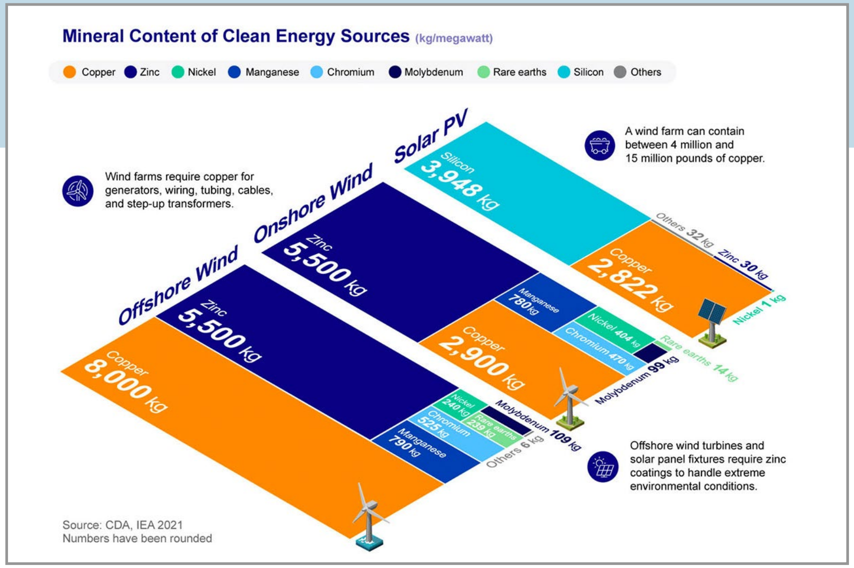
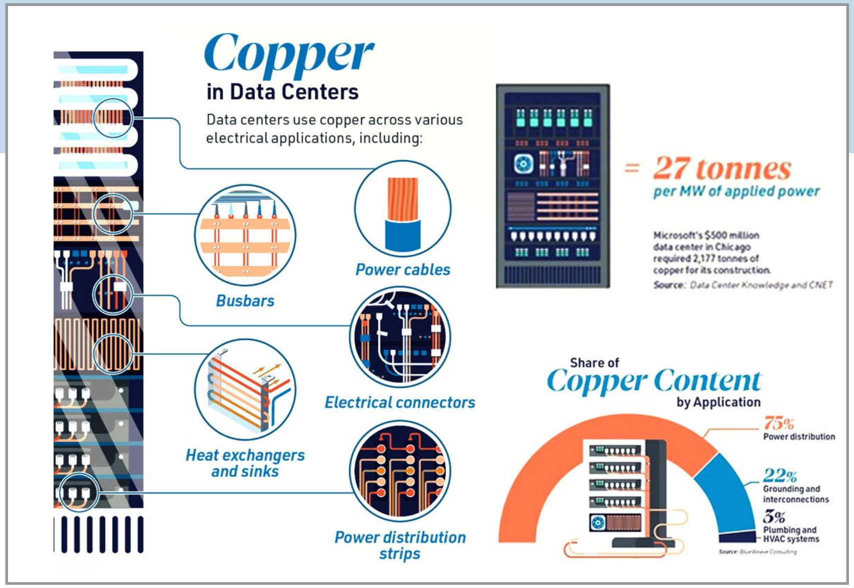
COPPER IS ESSENTIAL FOR CLEAN ENERGY

Copper is vital for the clean energy transition, acting as the primary conductor in solar, wind, and EV technologies due to its superior electrical conductivity and durability. Renewable energy systems require four to six times more copper than traditional fossil fuel systems.



COPPER IN AI DATA CENTERS

The size of data centers is measured in megawatts, and every megawatt requires approximately 27 tonnes of copper. In North America alone over 3,800 megawatts of data center space is already under construction.



LITHIUM MARKETS

The World Needs More Lithium

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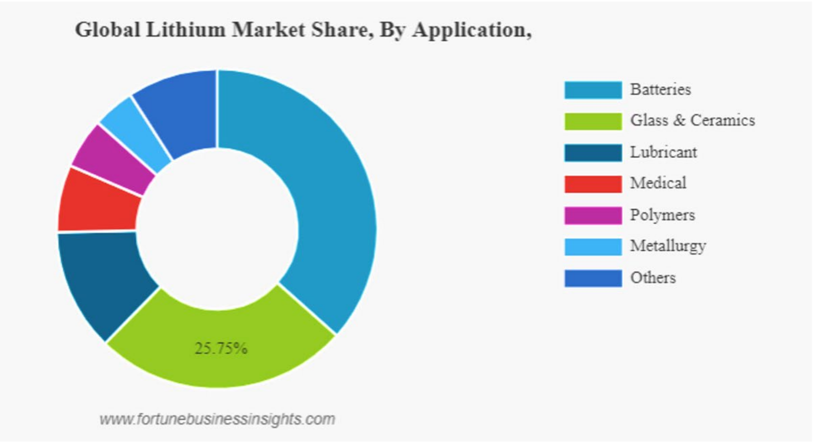
THE GLOBAL LITHIUM MARKET

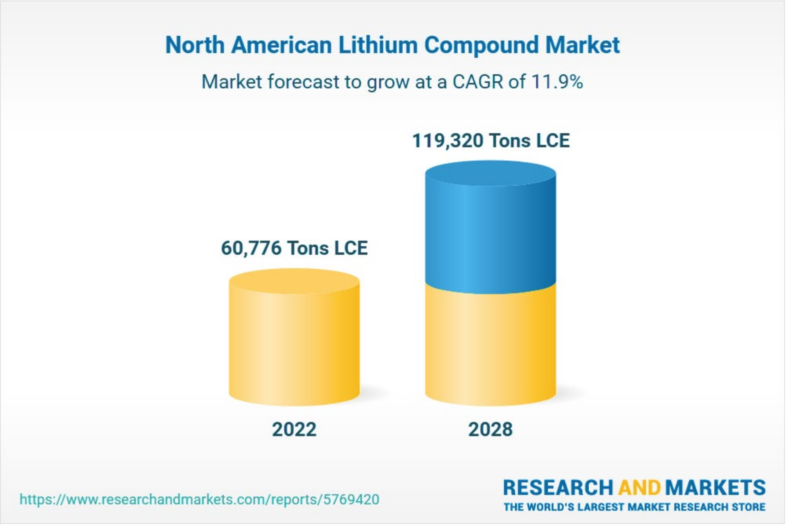
Projected to grow from USD 13.90 billion in 2024 to USD 55.25 billion in 2032 at a CAGR of 18.9% during 2021-2028.



Source: https://www.fortunebusinessinsights.com/lithium-market-104052

THE DOMESTIC LITHIUM MARKET

The North America lithium compound market size reached 60,776 Tons LCE in 2022. Looking forward, experts predict the market to reach 119,320 Tons LCE by 2028, exhibiting a CAGR of 11.9% during 2022-2028.



LITHIUM DEMAND

The EV Revolution Keeps Growing

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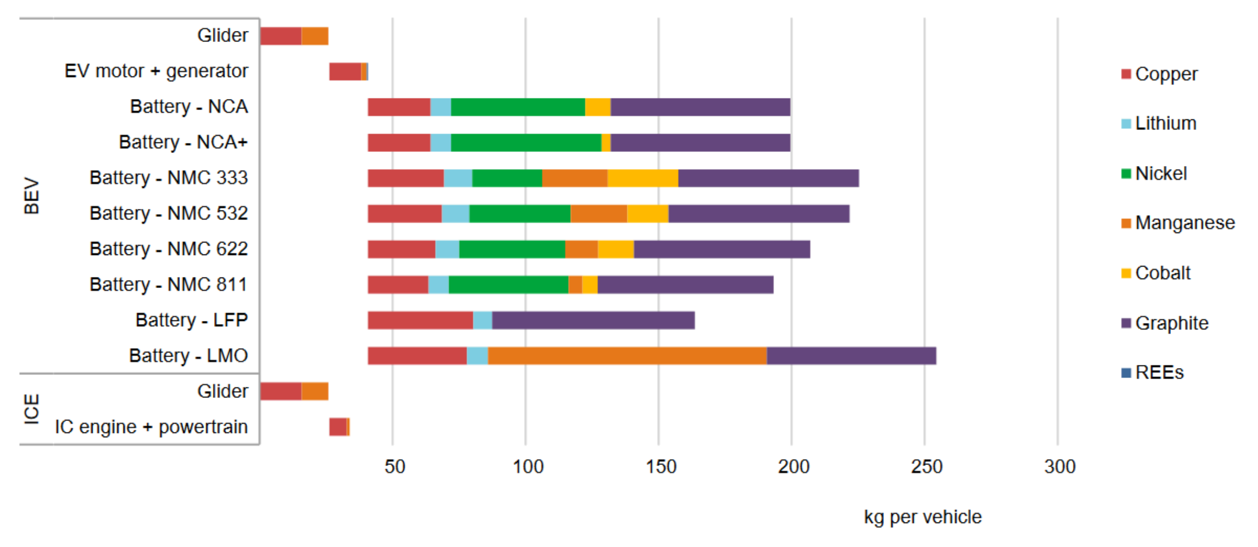
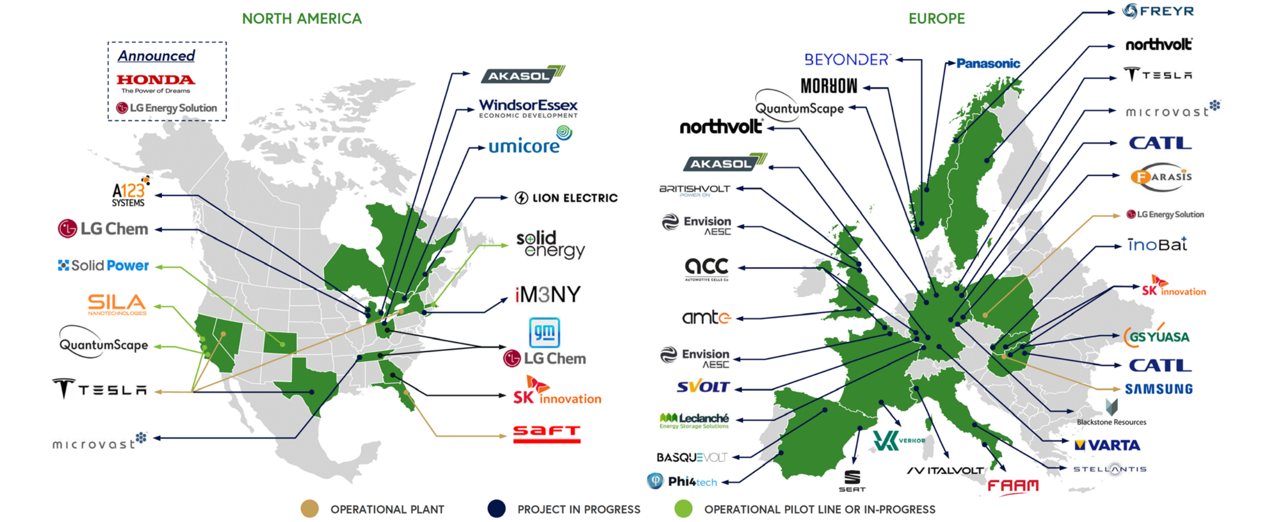
BATTERY USAGE



BATTERY PLANTS



Expected Global Lithium Demand of: 2.7 Mt LCE in 2030[1]

Expected Global EV Battery Demand of: 3.2 TWh in 2030 (~2.5M – 2.9Mt LCE)[2]

LITHIUM ROYALTY CORP

Source: IEA
1. Based on IEA's "The Role of Critical Minerals in Clean Energy Transitions", May 2021
2. Based on IEA's "Global EV Outlook 2022", May 2022. Assuming 0.8 - 0.9kg LCE/kWh

MOLYBDENUM

A Key Metal in Modern Industry

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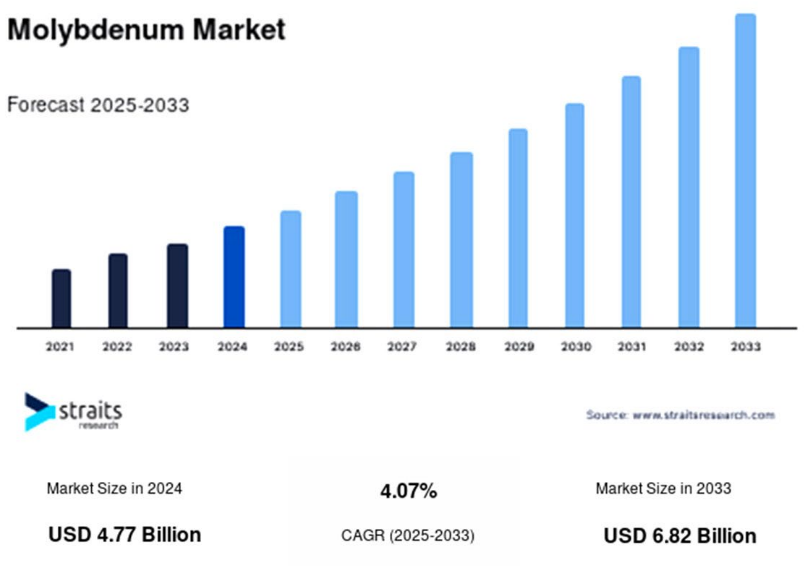
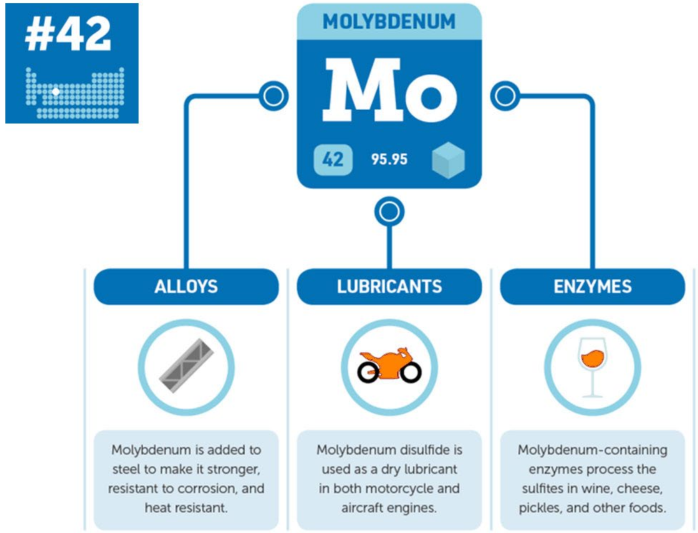
MARKET

The Molybdenum market size was valued at USD 4.77 billion in 2024 and is projected to reach USD 4.96 billion by 2025 to USD 6.82 billion by 2033, growing at a CAGR of 4.07% during the forecast period (2025-2033).



APPLICATIONS

Molybdenum is primarily used as an alloy additive to enhance the properties of steel, cast iron, and superalloys. It also finds applications in various chemical processes, including as a catalyst, lubricant, and pigment.



CESIUM & TANTALUM

These Rare Metals Are Vital Components of the Clean Energy Revolution

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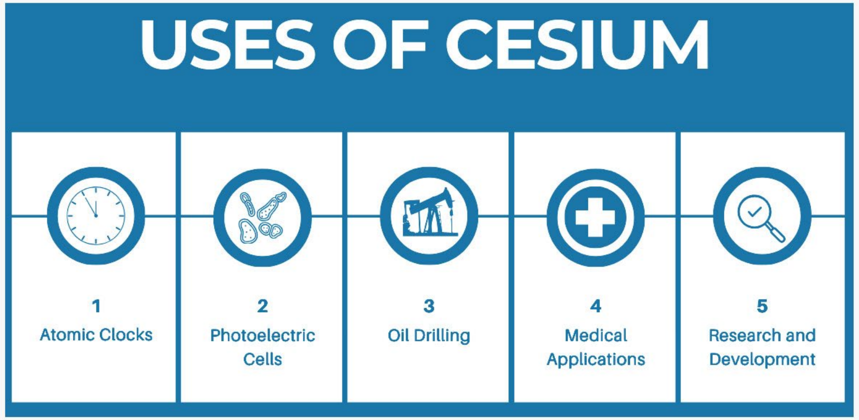
CESIUM

The Cesium Market size was valued at USD 363.58 Million in 2024 and the total revenue is expected to grow at CAGR 6.5 % from 2025 to 2032, reaching nearly USD 601.72 Million.

Despite its strategic importance, only three pegmatite operations in the world generate it on an industrial scale: Tanco in Canada, Bitika in Zimbabwe, and Sinclair in Australia.



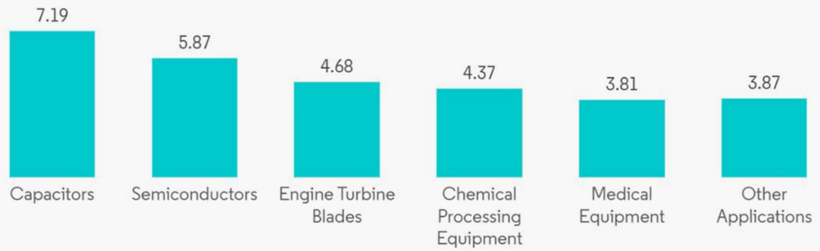
maximizemarketresearch.com

TANTALUM

The global tantalum market size was estimated to be USD 467.40 Million in 2024 and is expected to grow CAGR of 5.37% to USD 748.41 Million by 2033.

Tantalum is vital in the following industries: Electronics, Alloys, 3D Printing, Aerospace, Glass Lenses, Laboratory Equipment.

Tantalum Market, Volume CAGR (%), by Application, Global, 2022-2027



Source: Mordor Intelligence

WELCOME TO BRITISH COLUMBIA

Central BC is renowned for its world class mining infrastructure and favorable economic conditions. It has a well-developed network of roads and railways, and access to deep-water ports, which makes it easier to transport extracted materials to international markets. Mining operations also benefit from a reliable, low-cost supply of electricity.

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HIGHLIGHTS

ECONOMICS-DRIVEN OPPORTUNITY

In central British Columbia our flagship Crystal Lake Copper-Molybdenum Project covers approximately 5,283 hectares (52.83 km²) in central British Columbia. A region with a rich mining history and multiple active mining operations.

CRYSTAL LAKE PROPERTY

Overview

The Crystal Lake Cu-Mo Project is an early-stage exploration project located in a well-mineralized district of central British Columbia. Originally staked following a 2009 Geoscience BC geochemical release highlighting strong Cu and Mo anomalies in lake sediments, the project has since shown promising signs of a copper-molybdenum porphyry system.

Key exploration to date has included airborne geophysics, detailed mapping, soil sampling, and geochemical analysis—highlighting high-grade copper values and classic porphyry alteration signatures.

Highlights

- **High-Grade Copper:** Rock samples returned grades up to 0.70% Cu, with accompanying silver (>100 ppm Ag) and gold (up to 57.3 ppb Au).
- **Geological Setting:** Diorite-hosted porphyry system with strong magnetic highs and propylitic to potassic alteration—analogous to nearby Bell Mine.
- **Strategic Location:** 34 km south of Fort Fraser, with direct access to major infrastructure including CN rail, BC Hydro transmission, and Highway 16.
- **Size:** The project covers approximately 5,283 hectares (52.83 km²).
- **Untested Depth Potential:** Surface sampling and geophysics indicate mineralization trends that may extend below current levels of erosion, warranting drilling.

Location & Accessibility

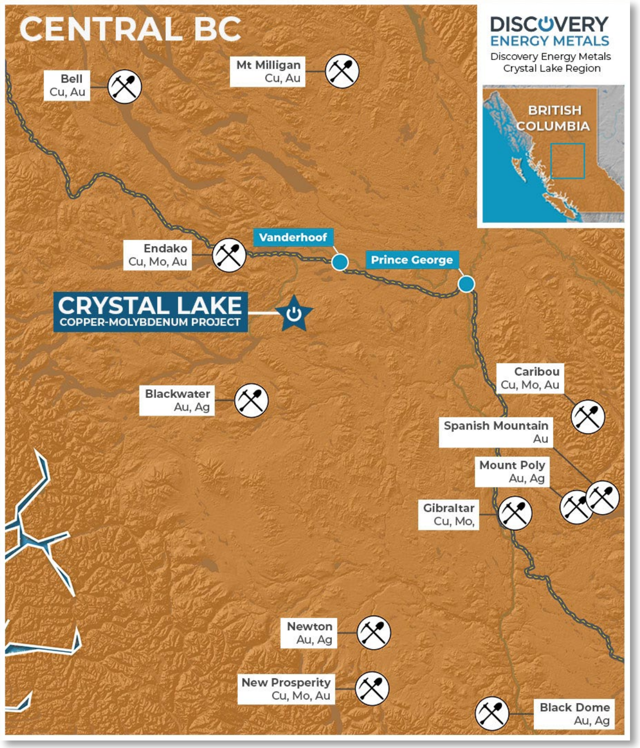
The Crystal property consists of eight contiguous mineral claims located 34 km south of Fort Fraser, BC. It is accessible year-round via Kenny Dam Road and well-maintained forestry roads. The region is well serviced by nearby towns such as Vanderhoof and Fraser Lake, along with key transportation and power infrastructure which reduces exploration costs significantly.

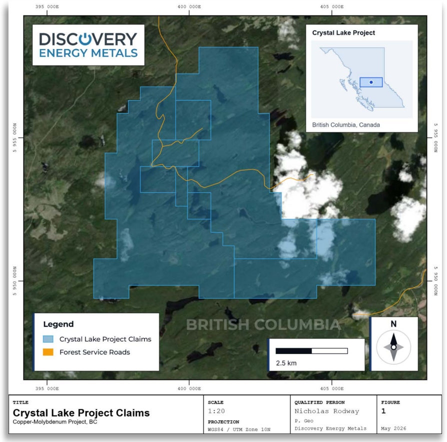
Exploration Work

2009–2010 Exploration Program: Included airborne magnetics, geochemical surveys, soil sampling, and rock analysis.

Magnetics & Alteration Zoning: Aeroquest magnetic data revealed large-scale diorite intrusions and linear structures believed to control mineralization. Rb/Sr ratios and mapping confirmed potassic alteration zones—typical of copper porphyry systems.

Raven Showing: High-grade surface mineralization and alteration suggest a mineralized stockwork within the Crystal Diorite extending from Holler Lake to Bennett Lake.





MANTLE PROPERTY

Overview

The Mantle Property is located in the emerging lithium district of Eeyou Istchee James Bay, Northern Québec. The project comprises 3,615 hectares across 68 mineral claims, situated approximately 5 km west of the Billy Diamond Highway and 45 km south of Camp 509. The area is considered highly prospective for lithium–cesium–tantalum (LCT) pegmatites based on regional geology and nearby discoveries.

Geology

Mantle is underlain by a mix of tonalite, granodiorite, and metasedimentary rocks, all part of the La Grande Sub-province of the Archean Superior Craton. These geological units are known to host LCT pegmatites in the region. The property also includes several structurally favorable zones that may serve as conduits for pegmatite intrusion.

2024 Field Program

The 2024 exploration program included:

- High-resolution LiDAR and satellite imagery
- A 590 line-kilometre heliborne magnetic survey
- Geological mapping, prospecting, and rock sampling

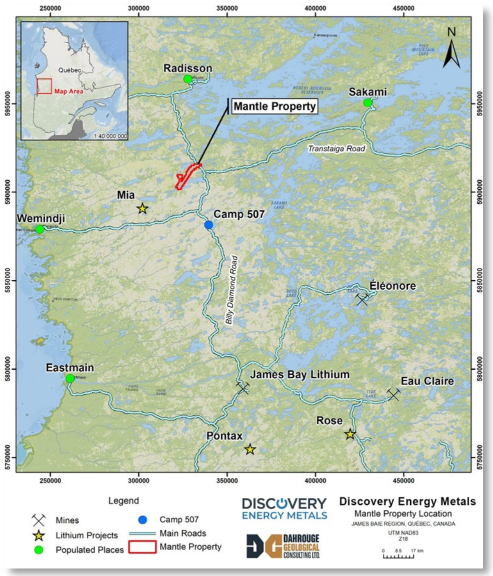
Multiple pegmatite dykes were discovered, many featuring textures and minerals typical of LCT systems, such as quartz, feldspar, biotite, and muscovite. One coarse-grained outcrop showed feldspar crystals up to 10 cm in size.

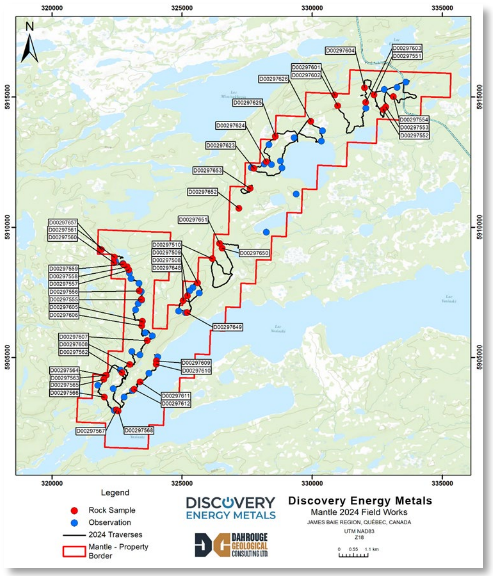
Geochemical Results

A total of 49 samples were collected. Notable values include:

- Highest lithium value: 74 ppm Li (0.0159% Li_2O)
- Tantalum: Up to 77.4 ppm Ta
- Niobium: Up to 407 ppm Nb

Several samples displayed K/Rb ratios <150 and Nb/Ta ratios <8, geochemical markers that indicate potential for evolved granitic systems associated with lithium pegmatites.



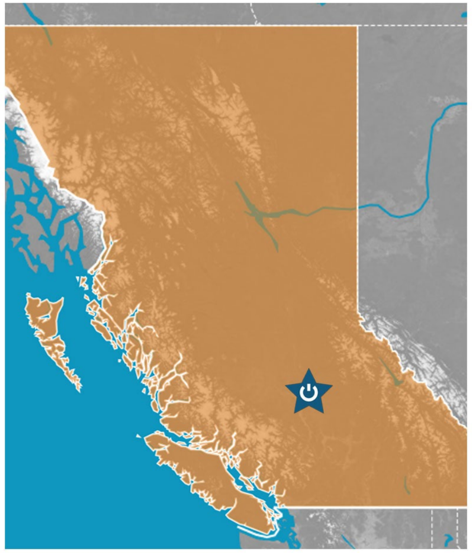


OTHER PROPERTIES

KOSTER DAM
British Columbia, Canada

The Koster Dam claims are located in south-central British Columbia west of the Fraser River approximately 14 kilometres southwest of the Gang Ranch and 9 kilometres northwest of the Empire Valley Ranch. The City of Williams Lake, located 80 kilometres north of the property, is the nearest regional commercial center.

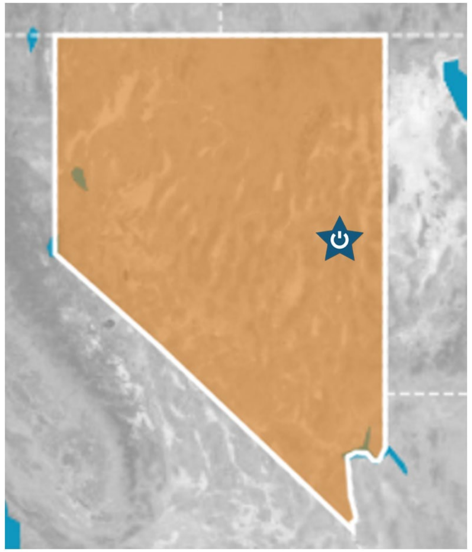
As stated in the Listing Statement dated September 23, 2022, the Company has completed Phase 1 of the exploration recommendations and is currently discussing Phase 2 program for 2023 with its Joint Venture Partner Cariboo Rose Resources Ltd. The Company will announce its 2023 exploration plans when finalized.



ESN
Nevada, USA

The property is located in White Pine County, Nevada approximately 35 miles (57 kilometers) west of the town of Ely, Nevada, the White Pine County Seat. The property position consists of a total of 33 unpatented lode claims. The claims cover an area of approximately 660 acres (267 hectares).

Geophysical surveys and additional Enzyme Leach soil sampling is recommended for the next exploration phase. Initially a gravity survey is recommended. Gravity is a relatively inexpensive method that is expected to continue to point to general areas of interest. It will also help to define which geophysical method is to be attempted next. Following the gravity survey and depending on its findings, either a CSAMT or IP survey should be conducted. These methods will extend the knowledge of the subsurface geology and provide targets for drilling.



MOVING AHEAD

Working with Experts

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- Mobilization of a team of trained, experienced, and specialized personnel to undertake an area-wide property traverse to sample, map and identify high priority pegmatite outcrop targets for immediate action.
- Target generation is enhanced by extensive aerial drone operations to enhance mapping and expedite sampling activity
- Proposed utilization of advanced tools such as highly mobile rotary air blast drilling (RAB) equipment allows for rapid multiple target sampling per day.
- On-site X-Ray Fluorescence (XRF) analysis of powdered samples (where applicable) combined with down-hole 360-degree high resolution digital televiewer systems is just one of the many methods which helps the team conduct rapid fieldwork documentation and remote analysis.
- Daily satellite transmissions ensure constant data flow to management and advisory team allowing for up-to-the minute assessments and planning for target prioritization.

THE TEAM

Management

DISCOVERY ENERGY METALS

Mike Hodge
President & CEO

Mr. Hodge began his exploration career on the original staking program for Commerce Resources Corp.'s Blue River Tantalum and Niobium project in 1999. Subsequently, he has worked on more than 25 exploration projects across North America. His most recent field work was Operations Manager for a quarry on Vancouver Island. Mr. Hodge's marketing experience was developed through his extensive participation in global resource conferences and workshops during the past decade, and he has enjoyed considerable success raising corporate capital, including for a number of portfolio companies within Zimtu Capital Corp.

Jody Bellefleur
CFO

Ms. Bellefleur brings over 20 years' experience to ISM as a corporate accountant. She is responsible for all aspects of regulatory financial reporting, including the preparation of quarterly and annual financial statements, management discussion and analysis reports and government tax reporting. Prior to her work with publicly traded companies, Ms. Bellefleur was the Controller of a private manufacturing company. Since 2008 she has been involved exclusively in providing services to both public and private companies in the junior mining sector.

THE TEAM

Directors

Nate Schmidt
Director

An accomplished entrepreneur with over 20 years of professional capital markets experience, Eric is V.P. of Corporate Development at Incite Capital Markets. He previously served at C.M. Oliver & Company and at PI Financial. As a successful proprietary trader, he created a profitable division designed to take advantage of unique arbitrage opportunities. He went on to manage a proprietary trading desk designing trading strategies for high net worth and institutional clientele. With over a decade specializing in raising capital for small to mid-size companies at PI Financial, he joined Incite Capital Markets working to develop fundraising, strategic planning, investor relations, and corporate communication services.

Eric Negraeff
Director

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Colton Griffith
Director

Mr. Griffith is a skilled marketing and capital markets professional with several years of experience working with Zimtu Capital Corp. and various exploration companies, focusing on developing impactful marketing strategies for public companies. Prior to his work with Zimtu Capital, Colton served as a performance marketing specialist for a diverse range of clients, including major European soccer clubs, lawyers, real estate companies, and e-commerce businesses.

Mike Hodge
Director

See previous page.

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