

Creating Value

Exploration & Royalties in
North American Critical and Precious Metals



**PLANET
GREEN
METALS**

Company Highlights



Our mission is to grow value by sourcing high-quality projects that can bring value to their royalties, while providing critical minerals to the Canadian economy.

Growth-oriented battery metals, critical minerals, and precious-metals-focused exploration company.

Six under-explored properties with upside potential; utilizing **modern and high-level methodologies** to advance PGR assets. Additional projects being acquired at attractive valuations.

Attractive capital structure **tightly held by management** and insiders focused on long-term value.

Strong technical and management team with **decades of experience in exploration and the capital markets; capital markets-driven team propelled by geological expertise.**

Core projects located in Ontario, which is emerging **as a key player in the critical minerals market.** Significant reserves and favourable mining regulations make Ontario an attractive location for exploration and investment.

Focused team in place to acquire and develop **low-cost, high-growth assets** that represent key inputs needed to support the global energy transition.

Strategic Vision

01

OBJECTIVES

To explore for the critical metals needed to propel the energy transition and global economy:

- Acquire projects with a good to excellent probability of creating value in their NSR.
- Use gold projects as a hedge against inflation and economic uncertainty.

02

IMMEDIATE GOAL

Add value to our properties by:

- Upgrading properties technically.
- Participating in joint venture's with quality partners.
- Generating revenue from option payments.
- Write NSR's for near future value creation.
- Airborne geophysics program is planned on the Sheraton Property, expected to begin in 2025.

03

AN INTEGRATED COMPRISED TEAM

- Experts in mineral exploration.
- Decades of corporate experience in junior mining companies.
- Strong background in the capital markets.
- Robust property pipeline via prospectors and business partners.

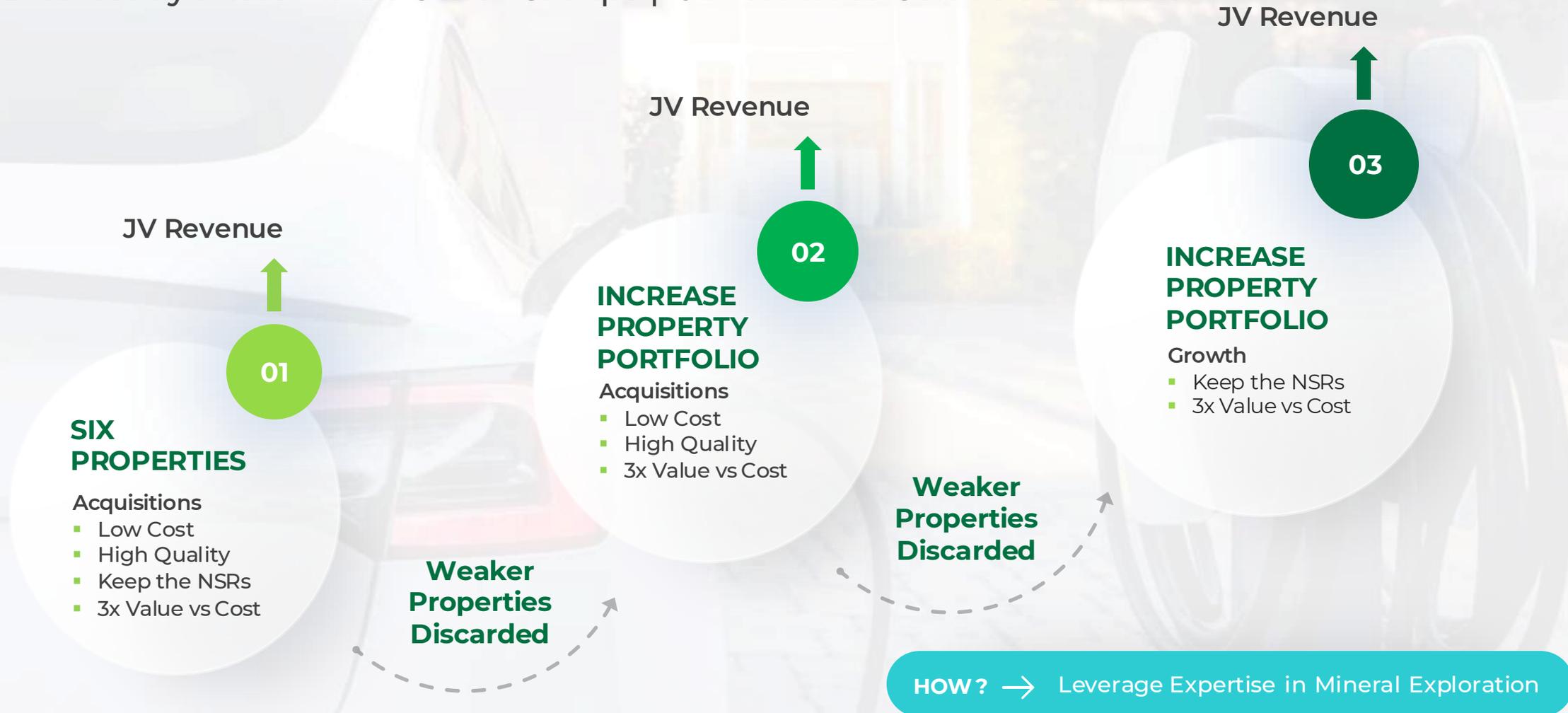
04

ADVANCEMENTS

- Mutually beneficial agreements **with local first nations at beginning of the project.**
- With a focus on critical minerals and precious metals, Planet Green Metals qualifies for Canada's Critical Minerals tax credit.
- Properties expanded from two to six, in May 2024.
- New properties include copper, base metals, gold with hopes of nickel-copper projects in the future.
- Next acquisitions targeted to include nickel-copper and uranium.

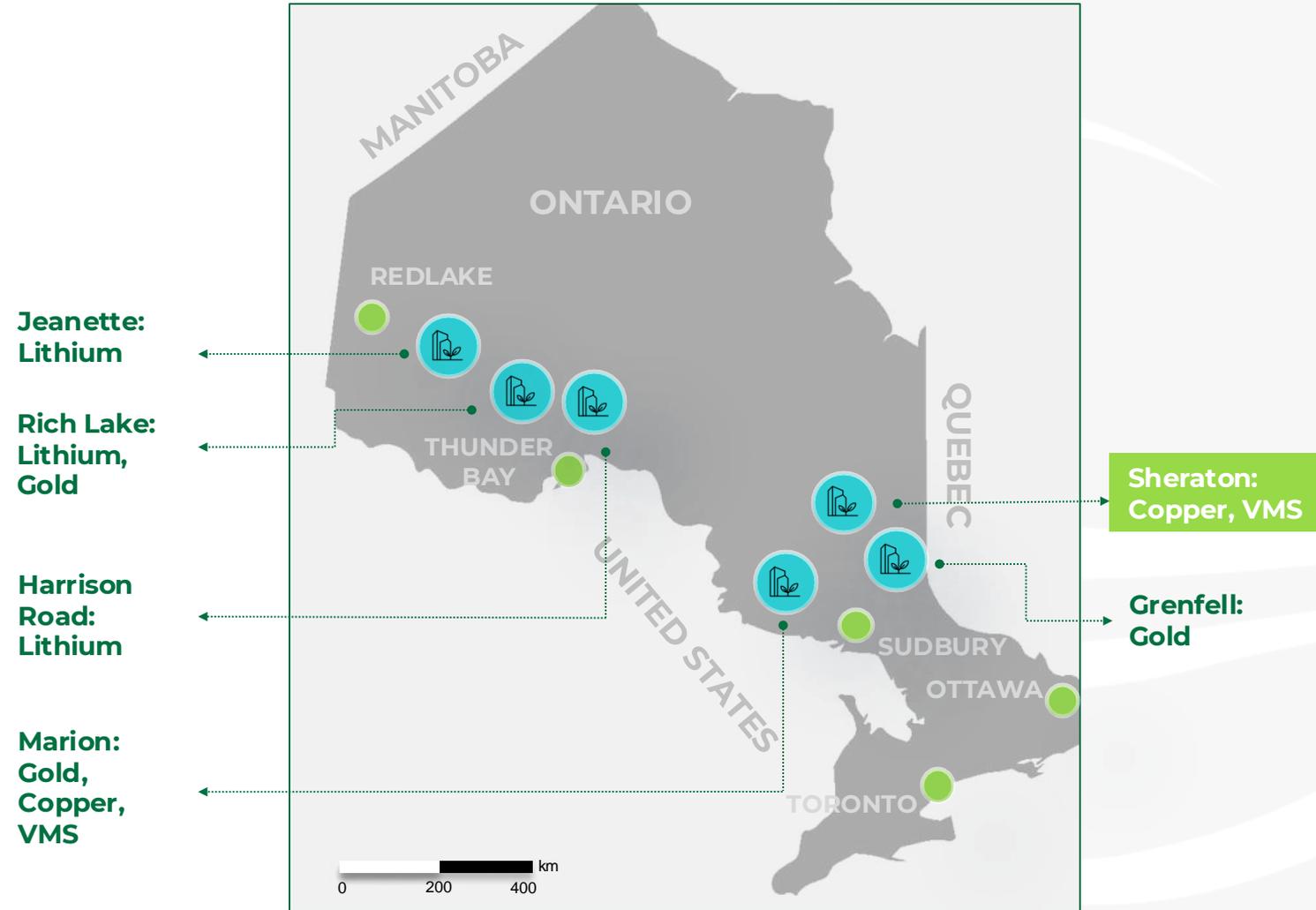
Business Model

Drill Ready Faster Than Other Groups | JV Revenue Controls Dilution.



Planet Green Projects

- Planet Green now has **6 exploration projects**, spanning across Northern Ontario.
- Property expansions into **Québec, Manitoba, and Saskatchewan** are being evaluated.
- Projects in **close proximity** to recent discoveries or mines.
- Nearby infrastructure**, providing access and reducing cost.
- Flagship Sheraton Property, Copper, VMS**: planned 2025 Airborne Geophysics Program.



Management: An Integrated Robust Team



Jeremy S. Brett, M.Sc., P.GEO.
DIRECTOR, PRESIDENT & CEO

Jeremy S. Brett is a seasoned Senior Geophysical Consultant with extensive exploration experience across five continents. He holds a B.Sc. in Geophysics and an M.Sc. in Geology from the University of Toronto and is a licensed Professional Geoscientist (P.Geo.) in Ontario and Newfoundland. With 30 years at MPH Consulting Limited - a globally recognized consulting and project management firm, Jeremy has provided expertise to over 100 Canadian exploration and mining companies, majors and governments across the Americas, Africa, Europe, and Asia. He has held board positions in TSX(V) and AIM-listed mining companies and served on the board of the PDAC, where he chaired the Lands and Regulations Committee. He is a Fellow of the Society of Economic Geologists.



Dr. Sandy Archibald, PH.D., P.GEO
DIRECTOR, TECHNICAL DIRECTOR

Dr. Sandy Archibald is a Senior Exploration Geologist with over 25 years of experience in mineral exploration across the Americas, Europe, and Africa. He brings specialized expertise in a diverse range of minerals, including gold, base metals, uranium, diamonds, copper-nickel, and battery minerals. Sandy holds a Ph.D. in Economic Geology from McGill University and possesses extensive experience in geochemistry. With 22 years of consulting for Aurum Global Exploration, he has established himself as a trusted Professional Geoscientist (P.Geo.). Sandy has also held key board and management positions in AIM and TSX(V) companies and served on the board of PDAC. He is a Fellow of the Society of Economic Geologists.



Nicholas Coltura, BBA
DIRECTOR

Nicholas Coltura, BBA, is an experienced professional in business development and investor relations for public exploration companies. He specializes in marketing, strategic relationship building, and capital raising, having worked with prominent firms such as Rockridge Resources Ltd. (TSX.V: ROCK) and Skyharbour Resources Ltd. (TSX.V: SYH). Nicholas holds a BBA with a focus in Finance from Simon Fraser University, further strengthened by coursework in Finance, Governance, and Compliance for Public Companies.



Robert Turgeon, CPA, BBA
DIRECTOR, CFO

Robert Turgeon has served as CFO for both publicly traded and private mineral exploration companies since 2007. He holds a bachelor's degree in Business Administration with a focus on Accounting from UQTR University and earned his CGA designation in 1980, which merged with the CPA in 2012. Robert has been a sessional instructor in finance and accounting at UQAT's School of Indigenous Studies for 20 years, and for the past 18 years, he has provided training and coaching to Cree Native Organizations in the Eeyou Istchee Territory, Northern Quebec.



Robert Coltura
DIRECTOR

Robert Coltura is a seasoned businessman with significant entrepreneurial experience. As President and principal shareholder of Matalia Investments Ltd., he provides management consulting, corporate finance, and investor relations services to both public and private companies. With over 25 years of experience in various public companies, Robert has held key positions as an officer and director. His extensive background in business development has enabled him to work with a diverse range of companies, helping them to strengthen their position within their respective industries.

Advisory Board

Perry English

ADVISORY BOARD

Perry, often referred to as a "One-Man Project Generator," was raised in Red Lake and has dedicated his prospecting career to the northwestern Ontario region. Over the past 40 years, he has staked thousands of claims and sold hundreds of properties. In recognition of his contributions to the industry, he was honored with the Ontario Prospectors Association's "Prospector of the Year" award in 2007 and received their Lifetime Achievement Award in 2014. Notably, Perry sold a 67% stake in the Dixie Lake gold property to Great Bear Resources, which was later acquired by Kinross Gold in 2022. The Dixie project was a pivotal acquisition, with Kinross purchasing Great Bear for C\$29.00 per share, valuing the deal at approximately C\$1.8 billion.

Ray Goldie, PHD

ADVISORY BOARD

Ray Goldie is an independent mining analyst, media commentator, and experienced company director, with expertise in royalties and mineral economics. He served as a director at Callinan Royalties Corp. before its acquisition by Altius Minerals Corp. Currently, he holds the position of President of the Prospectors & Developers Association of Canada (PDAC) and is a director at Garibaldi Resources. In 2000, his research on mineral economics led to the trademarking of the term "pinch-point™," which denotes a critical inventory level for a commodity. He holds a B.Sc. from Victoria University in Wellington, New Zealand, an M.Sc. from McGill University, and a Ph.D. from Queen's University.





Property Portfolio



CSE: PGR

Sheraton Property

Flagship Project

The Sheraton Property is located **25 km** southwest from Matheson, Ontario and **40 km** eastsoutheast of Timmins, with excellent access via a network of forestry roads. The Sheraton Property consists of 102 claims located in the Province of Ontario, spanning across ~3,091 hectares of terrain.

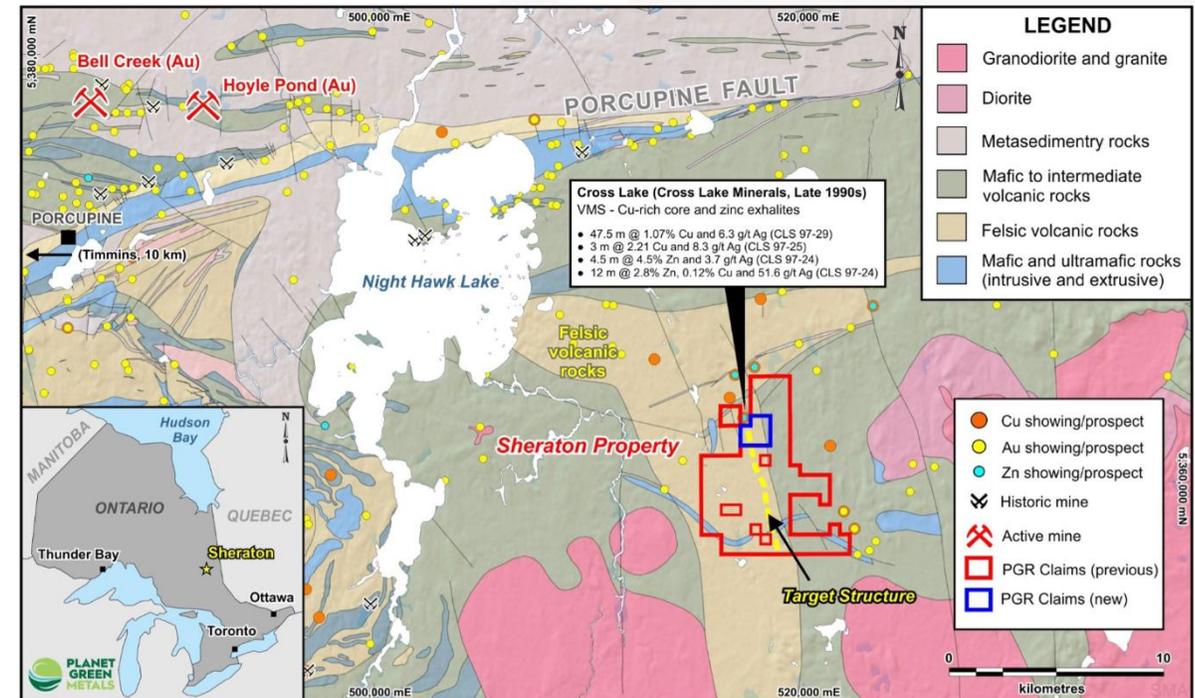
The property covers the geological contact of a sequence of felsic to intermediate volcanic and volcanoclastic rocks of the Wawa-Abitibi greenstone belt, which is **highly prospective for Cu-Zn±Au±Ag VMS-style mineralization.**

2025 AIRBORNE GEOPHYSICS PROGRAM

In 2025, an airborne geophysics program is planned on the Sheraton Property, with the goal of identifying new target zones for ground geophysics and follow-up drilling later in 2025.

PROJECT GEOLOGY & PAST EXPLORATION

Exploration by Cross Lake Minerals in the late 1990's on the adjacent property at Cross Lake identified bedded **sulphides containing Zinc grades ranging from 1% to 6%**, with local high-grade pods containing **up to 18% Zn** over a true width of 3m, with **silver values ranging up to 911 g/t Ag**. Also, **Copper grades of 1% to 3%** were encountered over estimated true widths of up to **12 m** (Vaillancourt, 2001).



The mineralization represents **VMS style**, and Planet Green will look for similar critical and precious metal mineralization on the Sheraton Property. The presence of significant copper mineralization at the adjacent Cross Lake property makes the Sheraton Property a compelling target.

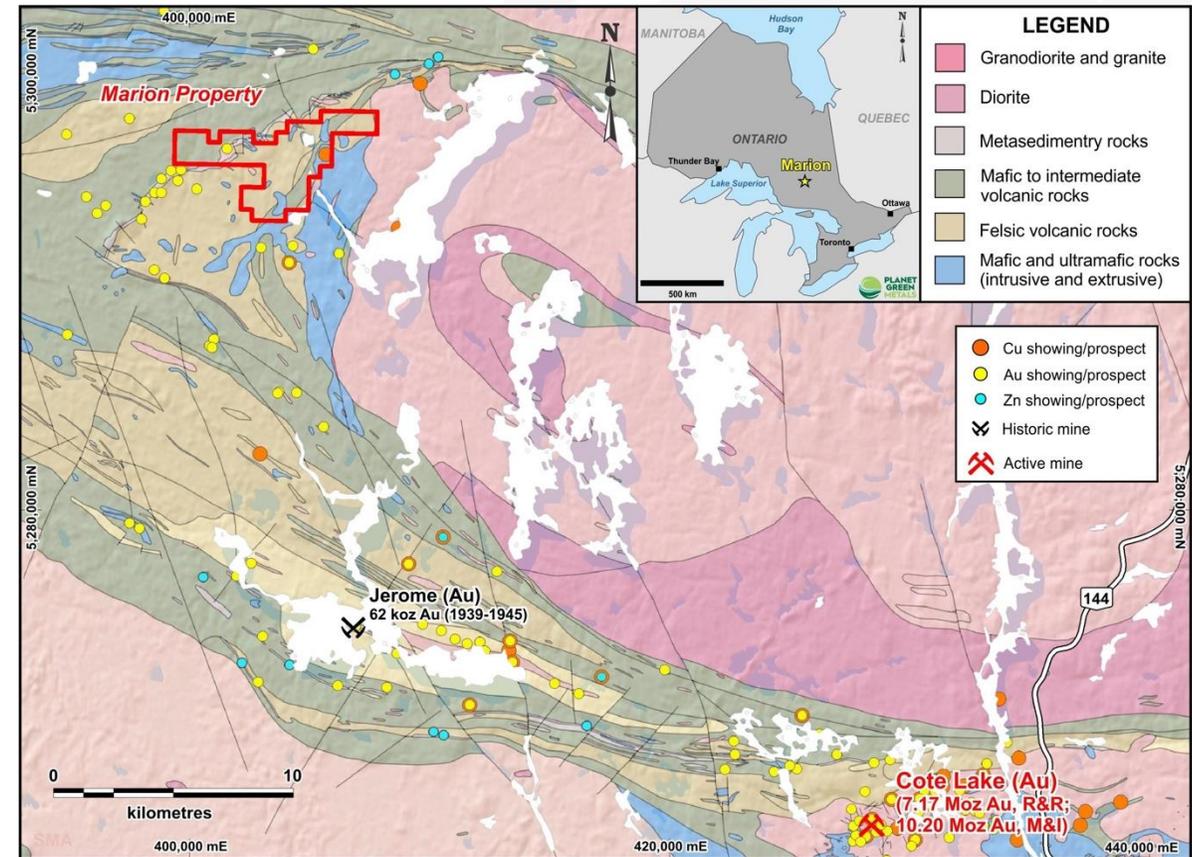
Marion Property

The Marion property is located 175 km north-northwest from Sudbury, and 100 km southwest of Timmins and consists of 53 claims located in the Province of Ontario. Geologically the Marion Property contains a number of lithological and structural features that makes it a compelling target for gold exploration. The historic trenching of the property identified 12.75 g/t Au over 9.15 m, and 135 m along strike the structure contained 2.18 g/t Au over 9.75 m (Domego Resources Ltd, 1979).

REGIONAL & PROJECT GEOLOGY

The property is underlain by a sequence of sedimentary, felsic, and mafic volcanic and volcanoclastic rocks from the Swayze greenstone belt, which also hosts the Côté Lake Gold Mine. This mine contains reserves of 7.61 Moz Au (1.03 g/t Au) and resources of 12.07 Moz Au (0.89 g/t Au) and is hosted in tonalite intrusions (IAMGold Annual Report, 2023). The primary mineral deposit type targeted on the property is gold-rich volcanogenic massive sulphides.

Gold mineralization is also associated with a 15 m thick banded iron formation, which serves as an excellent host for exhalative and structurally controlled precious metals. Additionally, the Marion Property contains tonalite intrusions, which will be investigated for Côté Lake-style gold mineralization. Geologically, the Marion Property exhibits several lithological and structural features that make it a highly compelling target for gold exploration.



Rich Lake Property

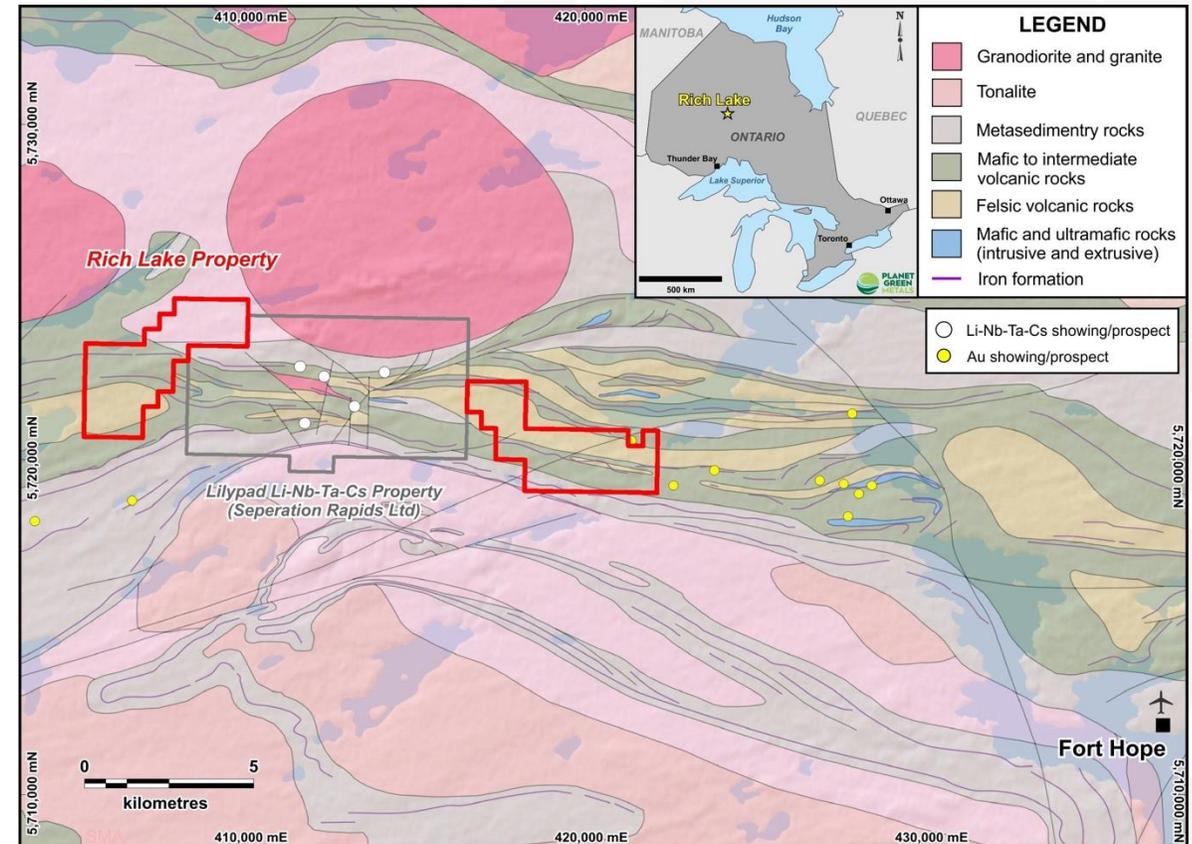
The Rich Lake property is located 365 km north-northeast from Thunder Bay and 17 km west of Fort Hope, Ontario, consisting of 100 claims.

The two claim blocks straddle along strike Separation Rapids Limited's lithium, tantalum, cesium pegmatite Lilypad Project, where exploration identified several wide mineralized pegmatites.

PROJECT GEOLOGY

The property geology is also **prospective for gold mineralization**. Drilling in 1987 by Noramco on adjacent claims returned grades as high as 28.11 g/t Au over 1.5m in sheared mafic tuff.

Similar lithologies are present on the Rich Lake Property, along with other favourable targets such as **iron formations**. Our technical team believes the property has excellent potential to host multiple styles of critical and precious minerals.



Grenfell Property

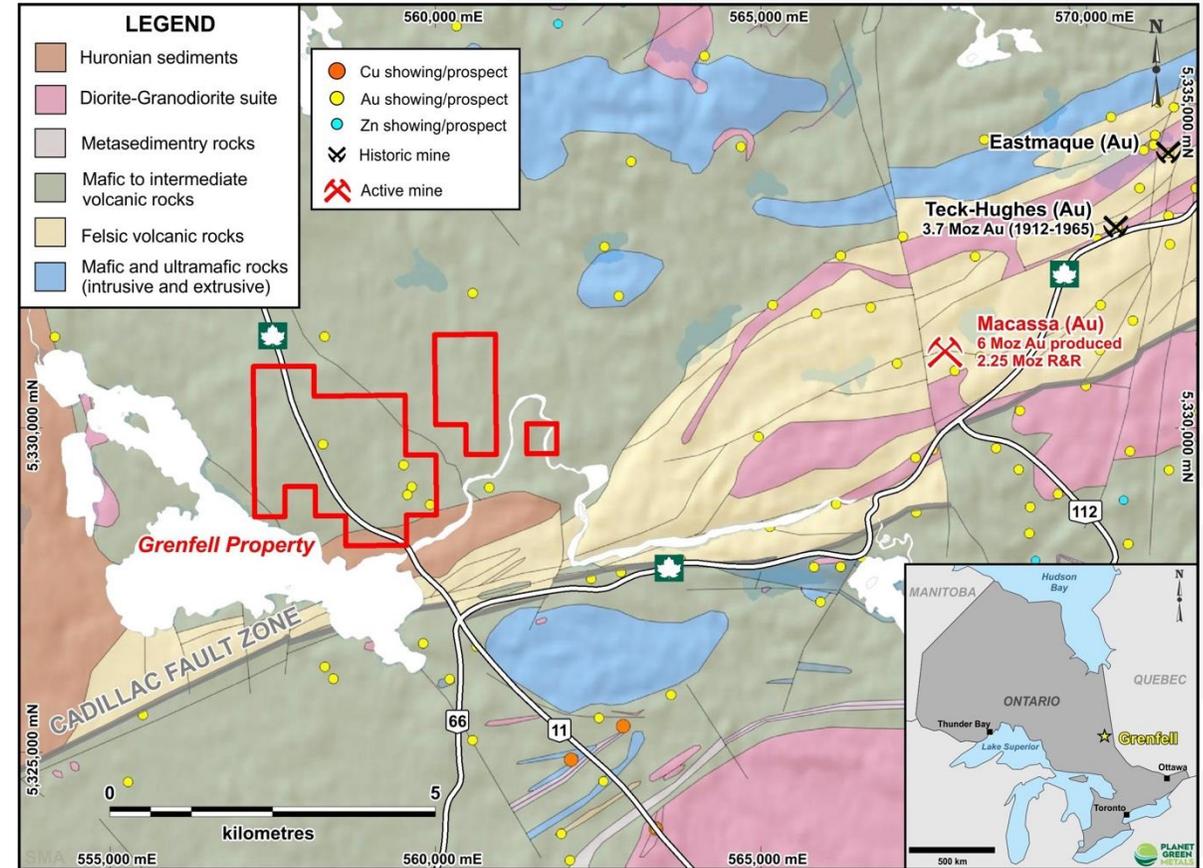
The Grenfell Property is located 13 km west-southwest from Kirkland Lake, Ontario, and has year-round access via Highway 11 and the Trans-Canada Highway.

The Grenfell Property consists of 4 mining claims located in the Province of Ontario.

REGIONAL & PROJECT GEOLOGY

The property is located immediately north of the Kirkland Lake "Main Break" fault, which hosts several mines, including Agnico Eagle's Macassa Gold Mine (with 6 Moz Au produced and a reserve of 2.25 Moz Au, according to Agnico Eagle's 2023 Annual Report), situated 8 km to the east. The geology of the Grenfell property is characterized by a thick sequence of sheared, massive, and pillowed mafic flows of the Wawa-Abitibi greenstone belt.

These rocks host auriferous quartz-carbonate veins, which are likely splay structures associated with the Kirkland Lake "Main Break" fault. These veins present promising gold targets and provide an entry point for Planet Green into this renowned gold district.



Harrison Road Lithium

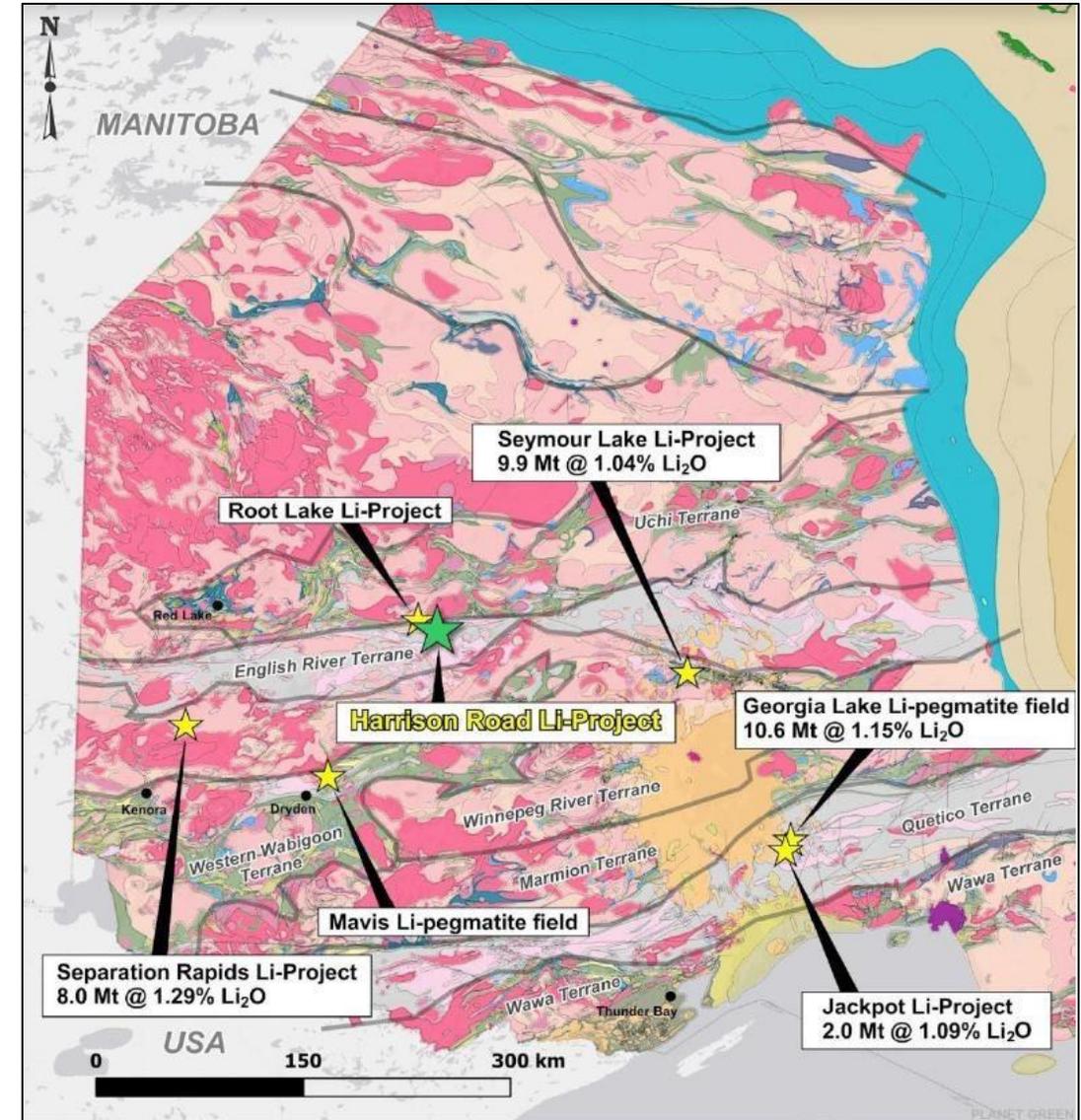
The Harrison Road Project consists of 38 claims comprising 6,080 hectares and is located 90 km northeast of Sioux Lookout, Ontario with easy highway and logging road access and good outcrop exposure.

The Project occurs within 6 km of a sub-province terrane boundary, an integral relationship between lithium deposits and structure. Lithium-bearing or LCT-pegmatites can occur up to 10 km away from their parental granite.

REGIONAL & PROJECT GEOLOGY

The project is hosted within metasediments and is located just south of the Root Bay pluton, an S-type peraluminous fertile parental granite. The Root Bay pluton serves as the parental granite for the McComber-Root Lake pegmatite field and lithium deposit, currently being drilled by Green Technology Metals, situated 10 km to the northwest.

Planet Green Metals has conducted a heliborne magnetic survey and a sampling program, with plans for an extensive LiDAR survey and follow-up exploration in 2024. Mapping by the OGS in 1980 identified numerous tourmaline occurrences in the metasediments near muscovite-bearing granites, suggesting the close proximity of pegmatites within the area.



Capitalization

SHAREHOLDER STRUCTURE

Issued & Outstanding	33,252,500
Options	2,667,500
Warrants	
Fully Diluted 35,920,000	

Last update, November 2024

Growth, Strategic Acquisitions, Property Portfolio Expansion

De-risking Strategy

Why Launch Planet Green Now?

KEY FACTORS:

- Exploration markets poised for an upswing.
- Capital is currently on the sidelines, awaiting attractive investment opportunities.
- Recently added key claims to our Sheraton land package that should help us unlock valuable VMS potential

High quality projects provided to us for evaluation from prospectors and via claim staking.

Projects evaluated for **financial backing** by a management team with capital markets expertise, prior to acquisition.

Geoscience team evaluates incoming Projects (25-30 years experience, each).

High-quality exploration program defined via an appropriate **more deposit model.**

Properly construct Royalty Agreements (NSR/GRR) using expert advice.

Source and vet **highest quality joint venture partners** that can raise capital and conduct technically excellent exploration programs.

Advisory team put in place to monitor exploration programs carried out by JV partners.

Mutually beneficial agreements **with local first nations at beginning of the project.**

Funds raised with go towards **property upgrades, new property acquisitions,** or the fallback position of **property maintenance.**

Legal Disclaimer

FORWARD-LOOKING STATEMENT

Certain statements in this presentation constitute “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995 and Canadian securities legislation. Such forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company, or other future events, including forecast production, earnings and cash flows, to be materially different from any future results, performances or achievements or other events expressly or implicitly predicted by such forward-looking statements. Such risks, uncertainties and other factors include, but are not limited to, factors associated with fluctuations in the market price of lithium, uranium, gold, silver, copper and nickel, mining industry risks, recent operating losses, the uncertainty of title to properties, risks associated with foreign operations, environmental risks and hazards, proposed legislation affecting the mining industry, litigation, governmental regulation of the mining industry, properties without known mineable reserves, uncertainty as to calculations of reserves, mineral deposits and grades, the requirement of additional financing, uninsured risks, competition, dependence on key management personnel, potential volatility of the market price of the Company’s common shares, dilution and certain anti-takeover effects. Such information contained herein represents management’s best judgment as of the date hereof based on information currently available. The Company does not intend to update this information and disclaims any legal liability to the contrary.

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PLANET GREEN METALS

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Appendix



Electrification in North America

\$100 Billion

Invested and promised to invest in building domestic cell and module manufacturing by automakers and battery manufacturers by 2030.¹

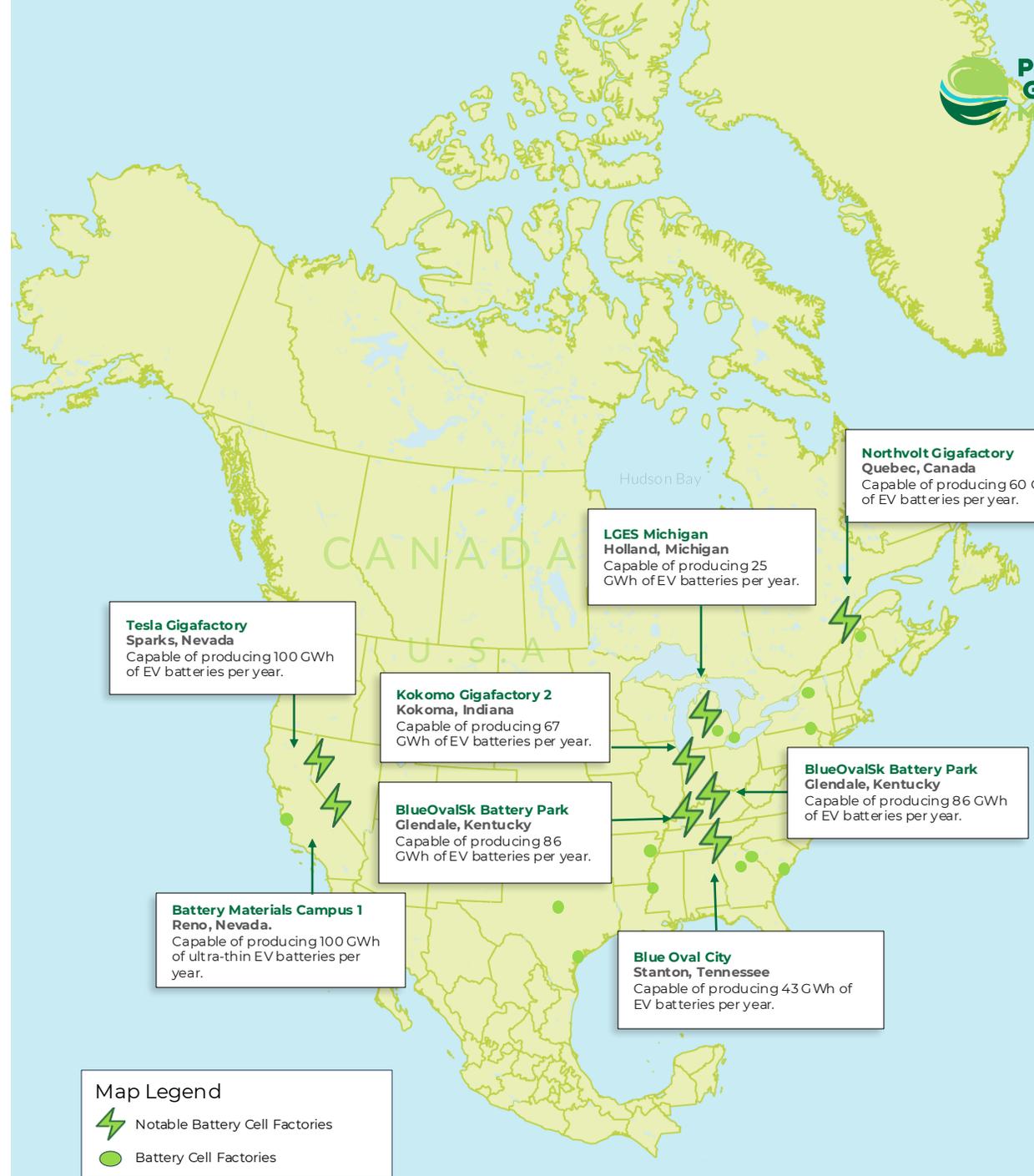
\$16.3 Billion

Volkswagen has pledged over \$16 billion in building a 370-acre battery production site in Ontario: capable of producing 1 million batteries per year at an output of 90 GWh.¹

\$10-13 Million

By 2030, North American battery manufacturing capacity will support the manufacturing of between 10 million and 13 million all-electric vehicles per year.²

Source ¹: [Tech Crunch](#)
Source ²: [Michigan Business](#)



The Race for Copper

DRIVING DECARBONIZATION EFFORTS

- **Copper remains unparalleled** in its efficiency and effectiveness for various applications critical for decarbonization efforts.¹
- To meet ambitious net zero targets by 2035, annual copper **demand may need to double** to 50 million metric tons, according to industry estimates.

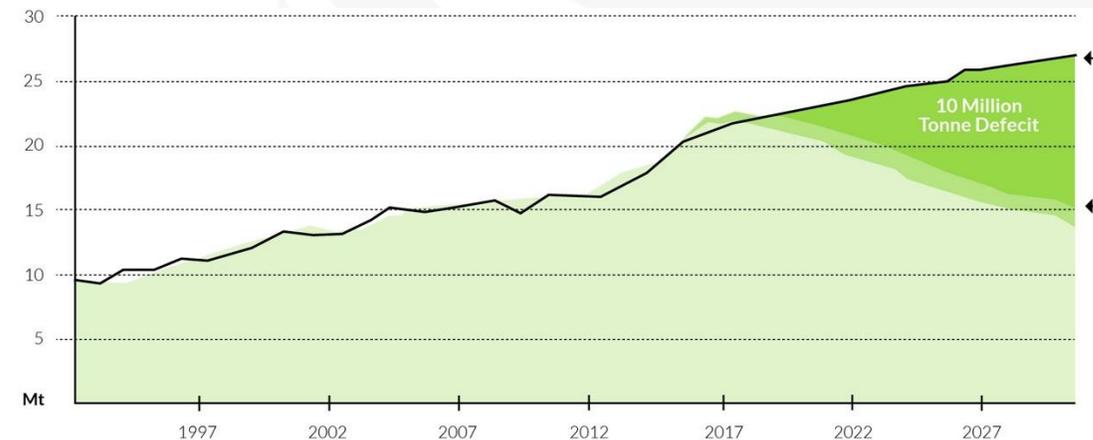
HEDGE FUNDS' BULLISH BETS ON COPPER

- Andurand Capital Management remains **bullish on copper** futures as copper surged to record highs last month.
- **Copper traded in London jumped as much as 30% this year** to reach a record in May but has since retreated close to 15% from the high.
- Many analysts expect that **copper supplies will trail demand** in the years ahead as the metal is used in electric grids that will be expanded with the clean energy transition.²

Here's The Problem

Copper is not being discovered fast enough to be mined to meet upcoming demand.

- Probable Projects
- Primary Demand
- Base Case Production Capability



Source: ¹Visual Capitalist, [The Looming Copper Supply Crunch](#)

The Case for Nickel

Nickel in Canada: key points

- 01 Nick sulfide ores are **higher grade** than laterites.
- 02 **Easier processing**, less environmental impact.
- 03 **Lower energy costs**, less environmental impact.
- 04 Fewer impurities.
- 05 **Established processing infrastructure** in Canada.
- 06 Canadian deposits are associated with **Copper, Cobalt and Platinum Group Elements**.
- 07 Investors in Canada get the **flow-through and Critical Minerals tax credits**.
- 08 North American supply needed for **US Security**.

NICKEL HAS BECOME A GEOPOLITICAL ISSUE ONSHORE & OFFSHORE NI RESOURCES



Source: ¹ Stainless Steel World, The World Nickel Market in 2023 and 2024—Two Years with Surpluses ² Government of Canada, Nickel Facts

Global Lithium Mining Market Set to Surge

Exponential growth forecast



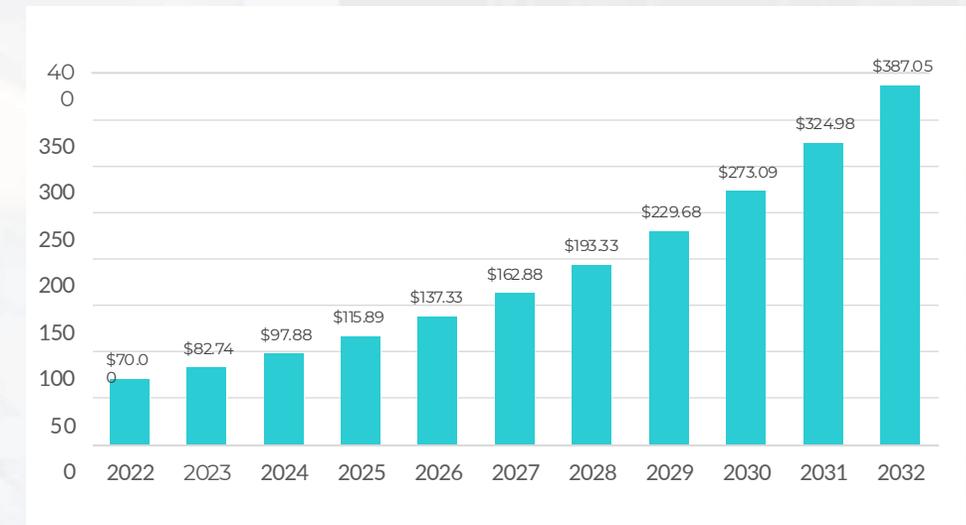
Hybrid sales surged 5X faster than EV sales in February 2024, according to Morgan Stanley.²

Toyota saw a nearly **28%** increase in hybrid and plug-in sales over the previous year, now making up **30%** of their portfolio. Hyundai, Ford, and General Motors are also shifting focus to hybrids, recognizing their growing market appeal.

GROWTH HIGHLIGHTS

1. Total market share of EVs coupled with hybrid cars is growing to 9.1% in 2023¹.
2. Hybrid sales rose 65% vs a 46% gain for EV sales².
3. Governments investment in lithium mining.
4. Increasing demand for consumer electronics.
5. More economical and efficient EV batteries.
6. Environmentally friendly applications of lithium.

Lithium-Ion Battery Market Size 2022 to 2032 (USD Billion)



Source¹Investors.com ²CNBC, ³Fortune Business Insights

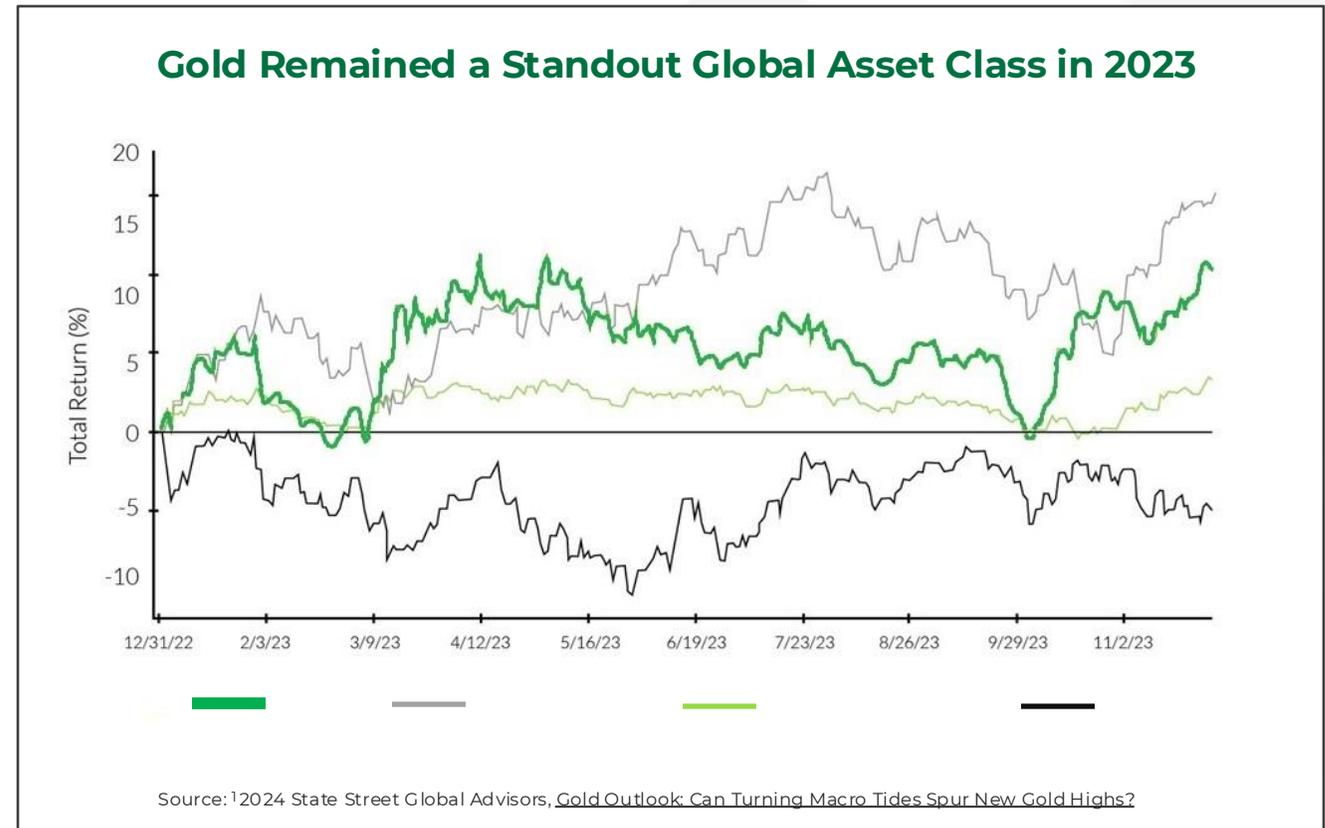
Gold's Outlook & Trends

DECADE HIGH GOLD PRICE

- In 2022, **gold demand** by central banks and other institutions reached a decade high.
- The increase was brought on largely by **global economic uncertainties**.
- Gold's **all-time high** without inflation adjustments happened on May 20, 2024, when the metal traded at \$2,450.05 per troy ounce¹.

2024 GOLD OUTLOOK

- Gold's trajectory in 2023 surprised many investors as the metal remained **resilient against traditional macroeconomic headwinds**.
- In 2024, we believe a number of **macroeconomic factors** will positively influence gold prices.
- Gold has risen to new highs this year, with many predicting a further rise in 2025: **Bank of America sees gold reaching the \$3,000/oz** mark by the first half of 2025³



Source: ¹ Hero Bullion, *When Was Gold's Highest Price Ever?* ² 2024 State Street Global Advisors, *Gold Outlook: Can Turning Macro Tides Spur New Gold Highs?* ³ BofA sees gold prices hitting \$3,000 in 2025

01

Shifting monetary policy supports gold.

02

US dollar headwinds could benefit gold.

03

Investors turn bullish on gold as volatility rises