



GRID

BATTERY METALS

A Canadian Battery Metals
Exploration & Development Company

TSXV
CELL

OTCQB
EVKRF

FRA
NMK2



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Qualified Persons

Jacques Houle, P.Eng., is the Q.P. who has reviewed and approved the technical contents of this presentation. Qualified Persons are defined in National Instrument 43-101 and based on standards established by the Canadian Institute of Mining, Metallurgy and Petroleum (CIM).



Company & Distinction

Modern. Green. Highly Efficient

Grid Battery Metals Inc. is a Canadian based exploration company focused on green energy; high-value battery metals required for the electric vehicle (EV) market.

\$3M

Closed private placement
June 2023 for gross
proceeds of \$3M CAD

\$4.38M

\$4.38M CAD in treasury

+1

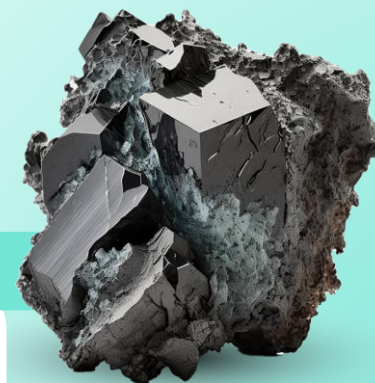
Recently acquired the Texas Spring
Lithium Property with a lithium
deposit suspected to be similar to
that of Surge Battery Metals'
Nevada North Lithium Project

Like the next-generation battery metals industry, we're committed to lowering our carbon footprint. We work remotely or at our shared office environment.

Our low overhead is in sharp contrast to yesterday's less effective corporate models and contributes to retaining and enhancing shareholder value.



Awaruite: naturally occurring nickel-iron alloy



Lithium: a crucial battery metal

Due to its ability to store and release electrical energy efficiently, Lithium is a key component in rechargeable lithium-ion batteries.



Corporate Management

We've assembled a corporate team and group of advisors that represent extensive experience in mineral exploration and development, raising capital, and building successful businesses.

Tim Fernback

President & CEO

CPA and CMA with 25+ years of finance experience as Director and officer of public and private companies. Mining consultant and former senior executive in investment banking and VC sectors.

Robert Guanzon

CFO

Mr. Guanzon, CPA and CMA, holds a Bachelor of Science degree in Accounting and brings extensive experience in dealing with financial and accounting matters as well corporate strategy.

Tina Whyte

Corporate Secretary

20+ years' experience: corporate governance, continuous disclosure, financing transactions, regulatory filings and compliance. Corporate secretary with other publicly listed companies.

Jay Oness

Director

20-year career as Director, senior executive and consultant to publicly traded resource and non-resource companies. Currently VP, Bus/Corp Dev of Southern Silver Exploration Corp.

Robert Setter

Director

20+ years of business development, marketing and resource experience. Former Senior Financial Editor for Report on Mining. On the boards of 3 other listed mining companies.

Ali H. Alizadeh

Director

Senior geologist with extensive experience in exploration and project management. Responsible for a number of Uranium, Gold and Base Metal exploration projects during his career.

Seth Cude

Geological Advisor

Certified professional geologist with over a decade of experience in the minerals industry. Principal geologist with Rangefront Mining Services focusing on Qualified Person services for lithium exploration.

Jeremy Hanson

Geological Advisor

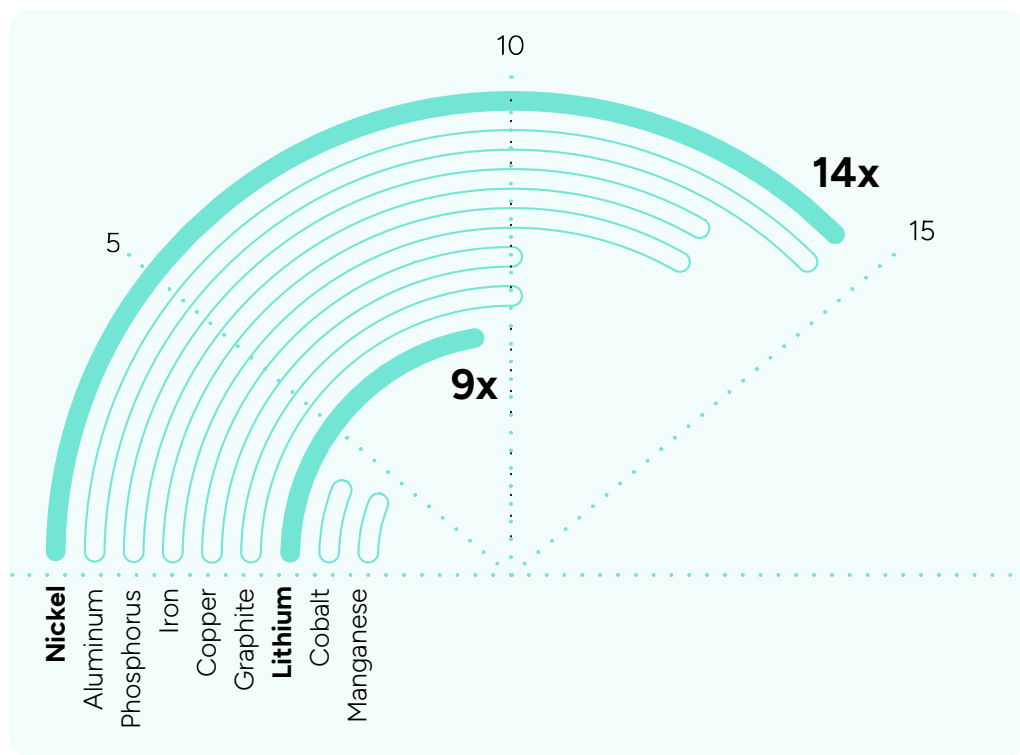
Professional geoscientist with a decade of experience in mineral exploration in Canada. Founder of Hardline Exploration Corp, a geological consulting firm focused in Western Canada.



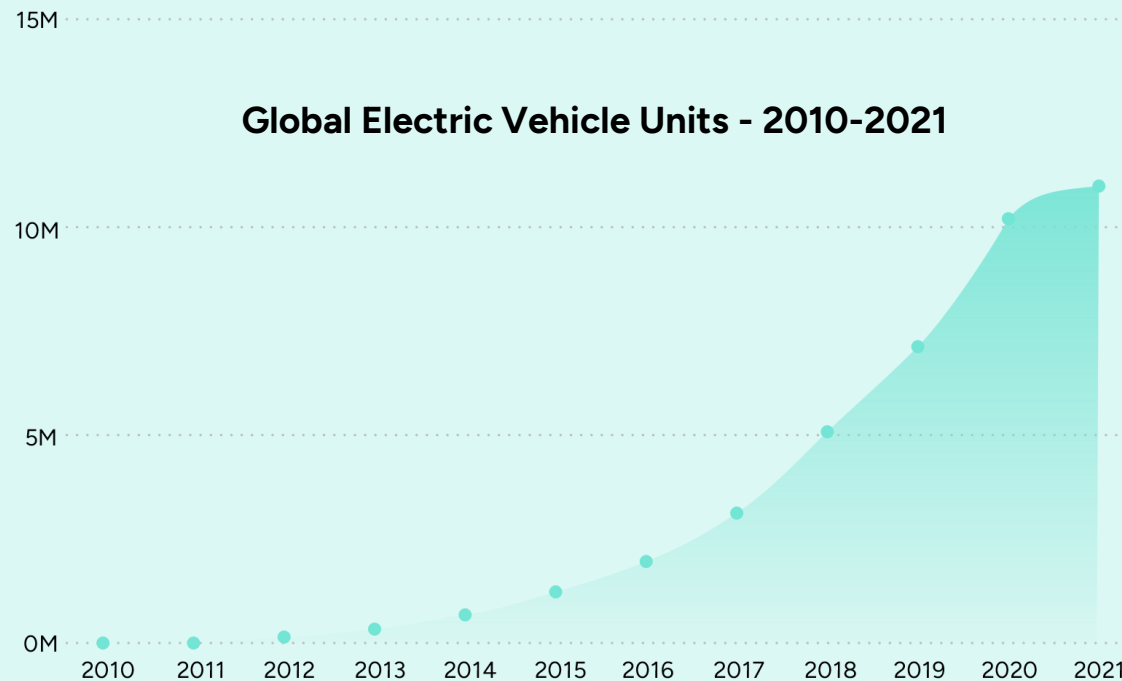
Battery Metals Market

↑ GROWING DEMAND

The electronics and energy storage sectors are significantly driving the surging demand for battery metals. But the biggest story today is the growing demand from electric vehicles (EVs).



Global Electric Vehicle Units - 2010-2021



Grid Battery Metals is focused on lithium and nickel. These two battery metals are forecast to experience rapid growth over the coming decade as the EV and battery sectors expand.

- Supportive policies and technology advances have expanded the adoption of EVs over the last decade
- In October 2020, Joe Biden told US miners he would support boosting domestic production of metals used to make electric vehicles²
- In 2019, demand from EV batteries was 17 kt for lithium and 65 kt for nickel; by 2030, it's expected to jump to 185 kt for lithium and 925 kt for nickel¹
- EV sales in 2019 were up 40% over 2018¹



Battery Metals Market

NICKEL & LITHIUM

Automakers are moving towards higher nickel chemistries in their EV batteries as a more sustainable energy delivery solution.

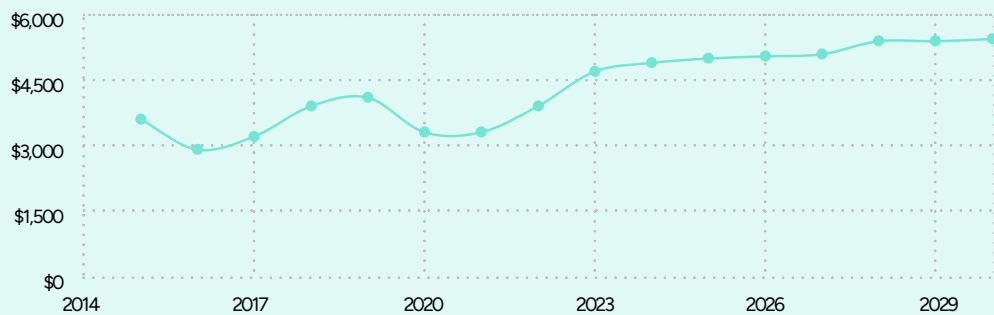
- Nickel's primary use was in the manufacture of stainless steel but in recent years it has become increasingly important in EV batteries
- Nickel in batteries provides higher energy density, storage at lower cost, and longer drive ranges¹

"Wherever you are in the world, please mine more nickel and don't wait for nickel to go back to some high point that you experienced some five years ago or whatever, go for efficiency." – Elon Musk, Tesla CEO

28
Ni
Nickel

Nickel Sulfate Price Forecast

Battery-Graded, Global Prevailing Price (US\$/tonne)

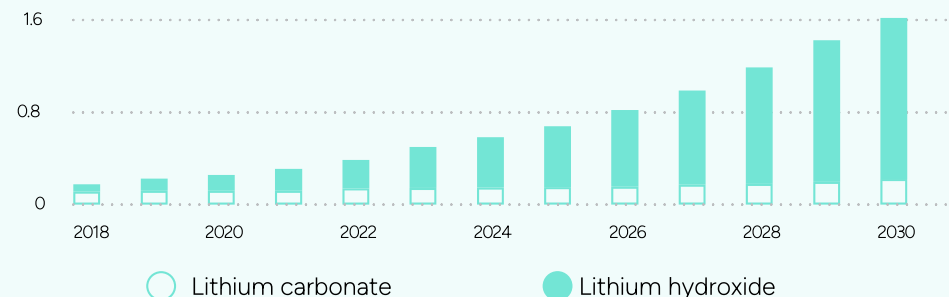


Source: Benchmark Mineral Intelligence, Nickel Forecast

3
Li
Lithium

Lithium Demand Forecast

Million metric tons LCE



Source: BloombergNEF

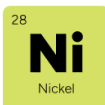
Passenger vehicles powered by lithium-ion batteries globally: 10% by 2025, 27% by 2030 with 58% market penetration by 2050.²

- The cost of lithium-ion battery packs has dropped by 87% since 2010, making them more attractive to manufacturers
- Automakers are concerned about suppliers' ability to meet ongoing lithium demand²

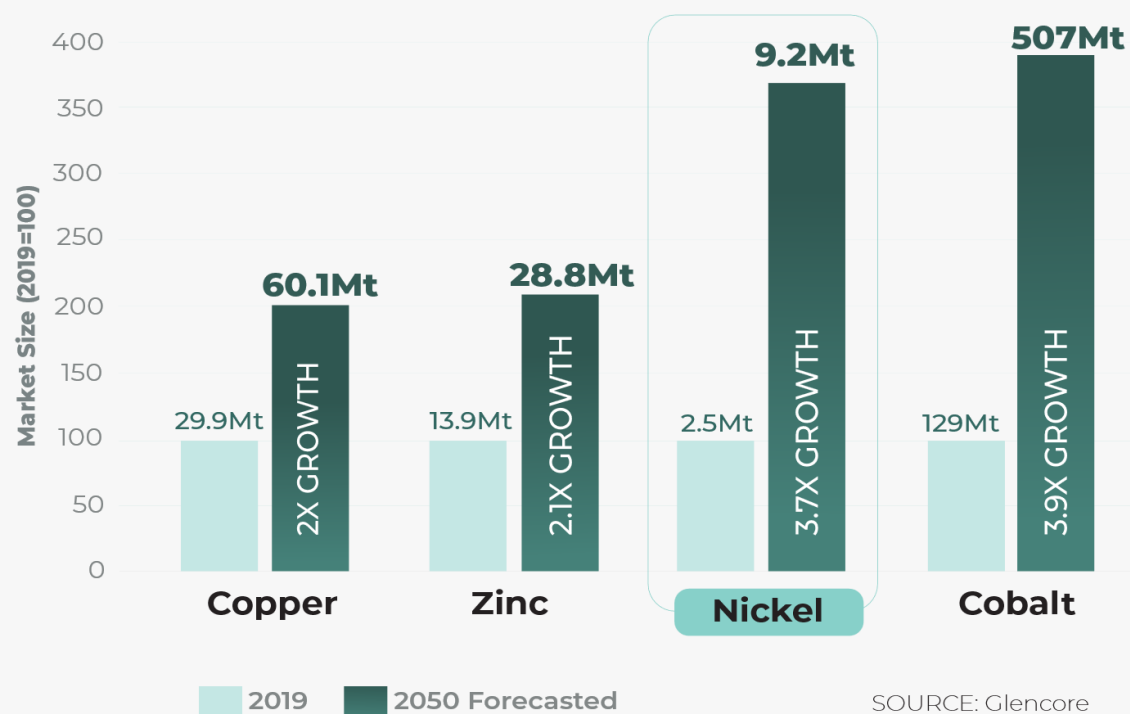
"Tesla drew attention to the raw materials needed to make electric-vehicle batteries when it signed a sales agreement with [Australia's] Piedmont Lithium to secure about a third of the startup's production for up to 10 years, even though its mine isn't operational yet." ²

Battery Metals Market

NICKEL DEMAND SET FOR EXPONENTIAL GROWTH



ELECTRIC VEHICLES TO DRIVE SIGNIFICANT DEMAND GROWTH FOR DECADES TO COME



3.7x Demand Growth

Glencore, the world's largest natural globally diversified resources company foresees 3.7x growth in nickel demand by 2050 as compared to 2019 levels.

Needs Significant Metals Supply Growth

Forecasted commodity demand under the United Nations plan to reduce global warming to a maximum of 1.5 degree celsius.

GROWTH RATES REQUIRED

COPPER	1.0Mtpa copper annual average growth 2010-2019: 0.5Mtpa
ZINC	523ktpa zinc annual average growth 2010-2019: 262ktpa
NICKEL	225ktpa nickel annual average growth 2010-2019:111
COBALT	13ktpa cobalt annual average growth 2010-2019: 7ktpa

Lithium Projects

📍 Nevada, USA

Ranked the 3rd best mining jurisdiction in the world in 2019 by the Fraser Institute, Nevada is ideally suited to supply domestic and Asian markets.

Tesla
Gigafactory

📍 **Texas Spring**

📍 **Volt Canyon**

📍 **Clayton Valley Project**

Las Vegas

Nevada's Gigafactory Advantage

Tesla's Gigafactory manufactures lithium-ion batteries for its vehicles and energy storage products.

The Gigafactory was born out of necessity to supply Tesla with enough batteries for their projected vehicle demand.

Tesla broke ground in 2014. By mid-2018, Gigafactory 1 was the highest volume battery plant in the world.

The factory is designed to be a net zero energy and primarily powered by solar.²



Over 1,100 miles of eco-friendly rail lines

Producing lithium since 1966 at the Silver Peak Mine

Stable political environment

Largest mining program in the US with 49% of the Bureau of Land Management's active mining claims¹

Mining-friendly regulations

Strong ethic toward effective & successful reclamation (restoring land that has been mined to a natural or economically usable state)¹

1. <https://www.britishcolumbia.ca/invest/industry-sectors/mining/>; 2. <https://www.mining.bc.ca/indigenous-relations>



NEVADA NORTH
SURGE BATTERY METALS

NEVADA



TEXAS SPRING PROJECT
GRID BATTERY METALS

Lithium Projects

TEXAS SPRING PROJECT

 GRID BATTERY METALS
 SURGE BATTERY METALS



Map by: ExplorationSites.com

Lithium Projects

TEXAS SPRING PROJECT

The Texas Spring Property encompasses a series of mineral lode claims situated in Elko County, Nevada. Located in the Granite Range southeast of Jackpot, Nevada, it is approximately 73 km north-northeast of Wells, Nevada. The primary focus of exploration on this property is to uncover a lithium clay deposit found within volcanic tuff and tuffaceous sediments of the Humbolt Formation.

📍 **Granite Range, Nevada, USA**

📏 **~400 ha** (~988.4 acres)

📦 **34 full lode claims**
30 partial lode claims

💰 **100%; No Royalties**

Region & Infrastructure

- ~73 km (~45 miles) north-northeast of Wells, Nevada
- Adjacent to the southern boundary of the Nevada North Lithium Project, which is owned by Surge Battery Metals Inc.
- Excellent access by paved highway and country roads



Exploration Plans

- Surge's initial drilling efforts have successfully identified lithium-rich clay deposits with significant mineralization.
- In 2022 drilling program, the average lithium content within all near-surface clay zones intersected, using a 1000 ppm cut-off, was recorded at 3254 ppm (as announced in the press release on March 29, 2023).





CLAYTON VALLEY PROJECT
GRID BATTERY METALS

SILVER PEAK LITHIUM PROJECT
ALBERMARLE CORPORATION

CENTURY LITHIUM CORP

PURE ENERGY

CLAYTON VALLEY PROJECT

Lithium Projects

Silver Peak

RCV-02

RCV-01

RCV-03



Map by: ExplorationSites.com



Lithium Projects

CLAYTON VALLEY PROJECT

Our claims in Clayton Valley are bordering the Silver Peak Lithium Project of Albemarle Corporation (NYSE: ALB), home to the only producing lithium mine in North America.

Clayton Valley's lithium is contained in both underground reservoirs (aquifers) in the form of salty groundwater (brine) and montmorillonite clays that features high levels of lithium.

"The property has strong potential to host Lithium brine deposits in favorable geologic horizons within the basin fill. Another possible target is lithium enriched clay within the fill package and potentially in previous high stands of the playa."

– 43-101 Technical Report by Alan Morris, CPG, QP, April 2016

📍 Clayton Valley, Nevada, USA

📄 118 claims in 1 group

📏 ~930 ha (~2,300 acres)

💰 100%; No Royalties

Region & Infrastructure

- ~344 km (~214 miles) to Reno (NW) and Las Vegas (SE)
- ~315 km (~196 miles) to Tesla Gigafactory (outside Reno)
- Excellent access by paved highway and country roads
- Electrical substation nearby
- Accessible year round



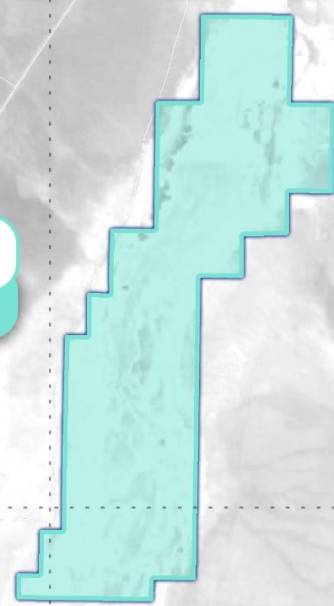
Exploration Plans

- Detailed exploration program to start in Spring 2021: rock and soil sampling, trenching and drill program
- Exploration concept: the inferred graben (valley) below our claims is a sub-basin of the larger Clayton Valley basin and may represent a secondary trap for lithium brines within the greater system
- Review historical exploration data, including 25-foot-thick zone of volcanic ash onsite reportedly similar to the Main Ash Aquifer in the Clayton Valley lithium operation¹





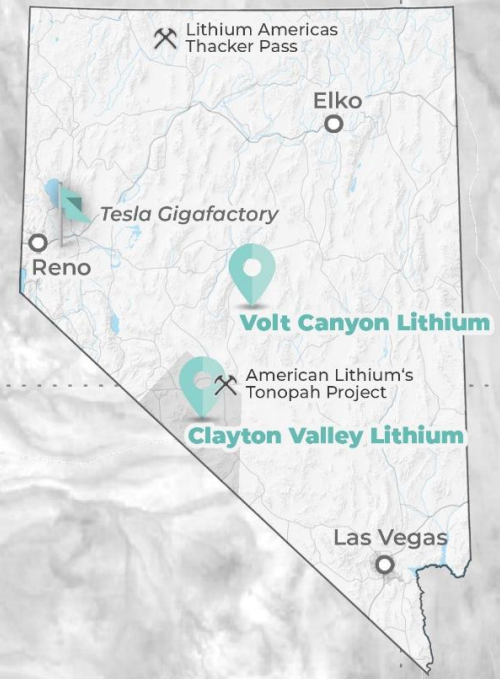
VOLT CANYON LITHIUM PROJECT
GRID BATTERY METALS



Lithium Projects

VOLT CANYON PROJECT

NEVADA



Map by: **ExplorationSites.com**



Lithium Projects

VOLT CANYON PROJECT

The Company owns a 100% interest in 80 placer claims covering approximately 635 hectares of alluvial sediments and clays located 122 km northeast of Tonopah, Nevada.

📍 **Monitor Valley, Nevada, USA**

📄 **80 claims in 1 group**

📏 **635 ha** (1,569 acres)

💰 **100%; No Royalties**

Region & Infrastructure

- 122 km NE of Tonopah, Nevada
- Surface samples reported in regional NURE data run up to 108 ppm Li
- Lithium deposit suspected to be similar to Clayton Valley clay deposits



Exploration Plans

- Draft a #43-101 Geological Report
- Phased exploration program consisting of surface sampling, auger or push drill water sampling along with geophysical work to identify drilling sites for an initial drill test on the property
- Subsequent phase two exploration may include additional surface and sub surface sampling in the form of drilling





NEVADA NORTH
SURGE BATTERY METALS

NEVADA



TEXAS SPRING PROJECT
GRID BATTERY METALS

Lithium Projects

TEXAS SPRING PROJECT

 GRID BATTERY METALS
 SURGE BATTERY METALS



Map by: ExplorationSites.com

Lithium Projects

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Grid Nickel Project

British Columbia, Canada

British Columbia has an abundance of minerals, skilled labor and the specialized equipment and facilities to support exploration and development.

Grid Nickel Project

BC's Awaruite Advantage

Awaruite is a naturally occurring nickel-iron alloy that was first discovered in central British Columbia in 1983.

Awaruite is important in the manufacture of EV batteries that are environmentally friendly thanks to:

- Having little or no capacity to generate acid mine drainage due to containing little or no sulphides
- Not requiring chemical reagents/acid leaching for processing
- Waste rock actually absorbing carbon



Mining-friendly regulations

Carbon neutral hydro electricity

Canada ranked the world's overall top mining destination by mining.com (2023)

Stable political environment

Harmonious working relationship with and largest private sector employer of Indigenous people in Canada²

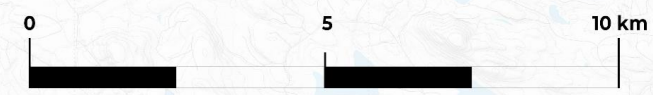
World's largest concentration of exploration companies & mining professionals¹

Eco-friendly rail lines close to most mining districts



★ MINERAL OCCURRENCES

GRID BATTERY METALS



Map by: ExplorationSites.com

HARD NICKEL 3
GRID BATTERY METALS

HARD NICKEL CENTRE
GRID BATTERY METALS

HARD NICKEL SOUTH
GRID BATTERY METALS

VAN TARGET

B TARGET

SID TARGET

RAILROAD

BAPTISTE DEPOSIT
FPX NICKEL

CATEGORY	TONNES (000's)	DAVIS TUBE RECOVERABLE ("DTR") NI CONTENT		
		%Ni	Tonnes Ni	Pounds Ni (000's)
Indicated	1,995,873	0.122	2,434,965	5,368,173
Inferred	592,890	0.114	675,895	1,490,092

Nickel Project



Nickel Project

GRID NICKEL GROUP

Our exploration targets are bordering or in close proximity to FPX Nickel Corp.'s Decar Project where their potentially carbon neutral Baptiste deposit has recently been confirmed as one of the world's most robust large-scale nickel projects.

- FPX has invested **~\$25 million** to explore and develop their Decar Project to date
- Our property is partially underlain by rocks like those hosting FPX's Decar Project
- Metallic mineralization includes **nickel, cobalt** and **chromium**
- Some nickel mineralization occurs as awaruite, first discovered in the area in 1983
- Reports of exploration on and around the property are available dating back to 1974

📍 **Central BC, Canada**

📏 **13,704 ha (~33,863 acres)**

📦 **17 mineral claims in 3 groups**

⚙️ **100% on 6,125.32 hectares; 2% NSR**
option to acquire 100% interest on 1,400 hectares

Region & Infrastructure

- ~100 km (~62 miles) NW of Fort St. James
- In the Omineca Mining Division
- Good access by **paved and gravel roads** & helicopter
- Canadian National Railway owns inactive rail line a short distance to the east
- Hydroelectric power lines cross the region



Exploration Plans

- Currently writing 43-101 report
- Detailed exploration program to start in Spring 2021: rock and soil sampling, trenching and drill program
- Review historical data from systematic, ground-based exploration on the property (1987-2012) directed by renowned geologist **Ursula Mowat**
- Review data from **Geoscience BC's** QUEST-West project (2008-2009) that included the property: geophysical surveys; stream sediment re-analyses; data compilations





Share Structure & Performance

170,423,653

Issued &
Outstanding

11,750,000

Stock Options
Outstanding

98,063,120

Warrants
Outstanding

280,236,773

Fully Diluted

TSXV
CELL

OTCQB
EVKRF

FRA
NMK2

\$17.042M
Market Cap

\$0.095
Price

\$0.04
52-week Low

\$0.115
52-week High

77,619
Average Volume



Transfer Agent

Odyssey Trust Company

835-409 Granville Street Vancouver BC,
Canada V6C 1T2



Auditor

DMCL Chartered Professional Accountants

Suite 2700-650 West Georgia Street
Vancouver BC, Canada V6B 4N9



Legal

Virgil Hlus Attorney, Clark Wilson LLP

900-885 W. Georgia Street
Vancouver, BC V6C 3H1



Investment Highlights

Near-Term Catalysts: Release of 43-101 report and ongoing news from planning, execution and results of 3 exploration programs in starting in Summer/Fall 2023



Efficient & Green

Low overhead contributes to retaining and enhancing shareholder value



Nickel Projects

Significant property package prospective for awaruite (nickel-iron alloy) important in the manufacture of environmentally-friendly EV batteries



Team & Advisors

Extensive experience in mineral exploration and development, raising capital, and building successful businesses



Growing Demand

Nickel and lithium forecast to experience rapid growth as the electric vehicle and battery sectors expand



\$4.38M CAD

in treasury



Regions

British Columbia and Nevada are world-class mining jurisdictions



Lithium Project

Bordering the only producing lithium mine in North America



\$3M CAD

Company assets include \$3M in marketable securities as of June 26, 2023





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