



Green⁺Battery

minerals inc

PLUGGED INTO HIGH TECH MINERALS

2024

[GREENBATTERYMINERALS.COM](https://www.greenbatteryminerals.com)

TSX.V: GEM | FRANKFURT: BR2P (WKN: A2QENP) | OTCQB: GBMIF

FORWARD LOOKING STATEMENTS - DISCLAIMER



Except for historical information, this presentation may contain certain “forward-looking” statements and information relating to Green Battery Minerals Inc. that are based on the beliefs of Green Battery Minerals Inc. management, as well as assumptions made by and information currently available to Green Battery Minerals Inc. management. Such statements reflect the current risks, uncertainties and assumptions related to certain factors including but not limited to, without limitations, exploration and development risks, expenditure and financing requirements, title matters, operating hazards, metal prices, political and economic factors, competitive factors, general economic conditions, relationships with vendors and strategic partners, governmental regulation and supervision, seasonality, technological change, industry practices, and one-time events. Should any one or more risks or uncertainties materialize or change, or should any underlying assumptions prove incorrect, actual results and forward-looking statements may vary materially from those described herein. Green Battery Minerals Inc. does not assume the obligation to update any forward-looking statement. The factors that could cause actual results to differ materially include, but are not limited to, the following: general economic conditions; changes in financial markets; the impact of exchange rates; political conditions and developments in countries in which the Company operates; changes in the supply, demand and pricing of the metal commodities which the Company mines or hopes to find and successfully mine; changes in regulatory requirements impacting the Company’s operations; the ability to properly and efficiently staff the Company’s operations; the sufficiency of current working capital and the estimated cost and availability of funding for the continued exploration and development of the Company’s exploration properties. This list is not exhaustive and these and other factors should be considered carefully, and readers should not place undue reliance on the Company’s forward-looking statements. As a result of the foregoing and other factors, no assurance can be given as to any such future results, levels of activity or achievements and neither the Company nor any other person assumes responsibility for the accuracy and completeness of these forward-looking statements. The Mason Graphite NI 43-101 mineral resource estimate and other information was sourced from the Mason Graphite news releases. The Qualified Person did not verify the information contained within the Mason Graphite news release and the mineralization on the Mason Graphite property is not necessarily indicative of the mineralization on the Company’s property.

Qualified Person: Luke van der Meer (P.Geo) is a Qualified Person (“QP”) as defined by National Instrument 43-101 guidelines, and he has reviewed and approved the technical content of this presentation.

SUCCESSFUL MANAGEMENT IS CRUCIAL



OUR TEAM



Tom Yingling

CEO



Michel Robert

Advisor



Binny Jassal

CFO



Charn Deol

Director



Ian Graham

Director



WORLD CLASS TEAM

Our team has identified, explored, developed, operated and/or sold 15+ mines around the globe.

- La Coipa (Chile)
- Doyon (Canada)
- Niobec (Canada)
- Highland Valley (Canada)
- Tintaya (Peru)
- Omai (Guyana)
- Louvicourt (Canada)
- Quiruvilca (Peru)
- Huaron (Peru)
- San Vincente (Bolivia)
- Diavik Diamonds (Canada)
- Eagle Nickel (USA)
- Bunder Diamonds (India)
- Lakeview Nickel (USA)
- Western Potash (Canada)
- Cozamin (Mexico)

We have the experience and connections for Green Battery Minerals to become a major player in the critical battery minerals space.



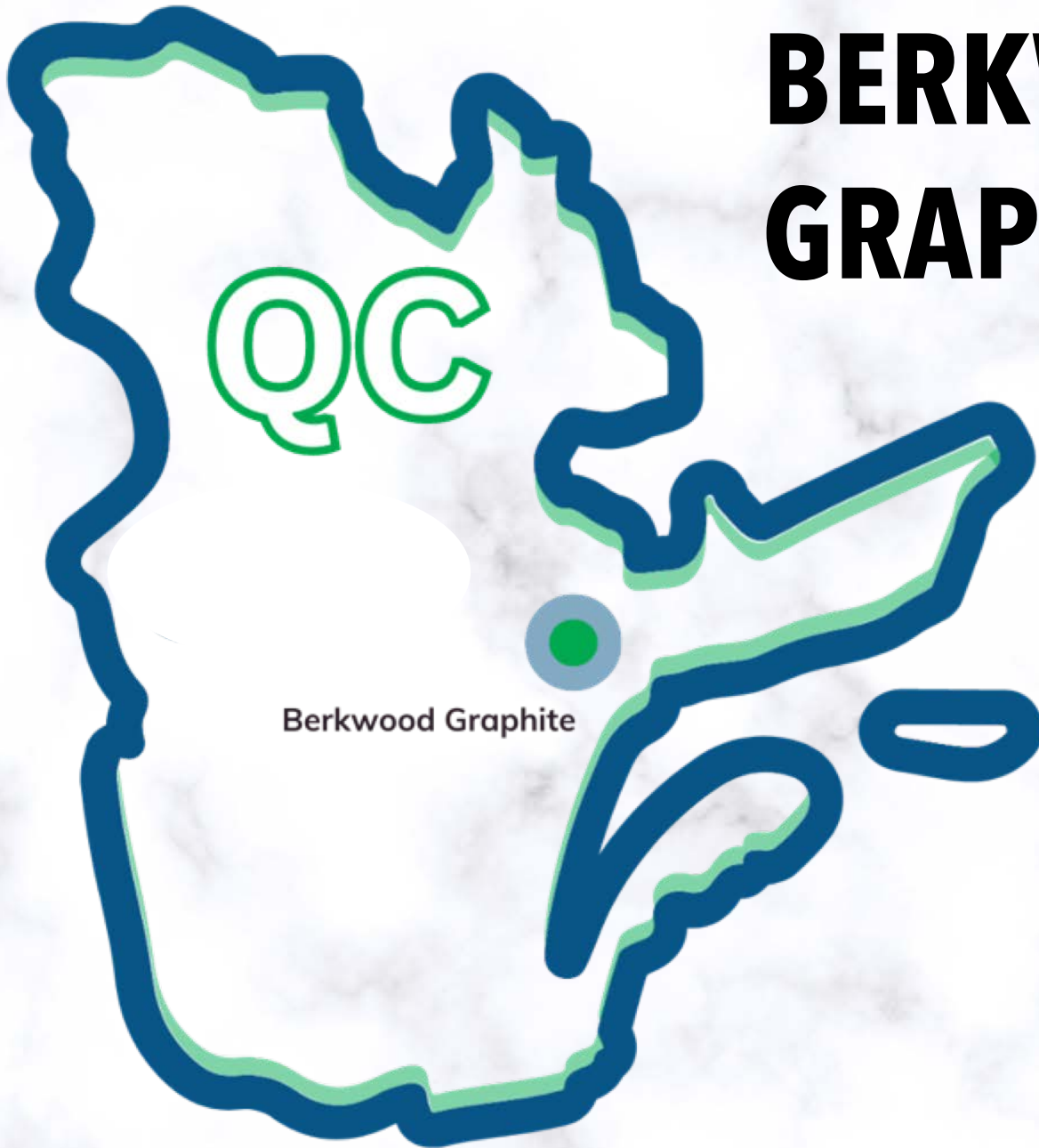
Graphite Outcrop Grading 17 - 45%
Graphite being Channel sampled



BERKWOOD GRAPHITE PROJECT



BERKWOOD GRAPHITE



The Berkwood Graphite project is located in Northern Quebec and over the past six years of drilling has a 3.2 million tonne proven Graphite resource of indicated and inferred as per our 43-101 report. The project shares claim boundaries with Nouveau Monde's (NYSE-NMG) \$3.6 Billion Uatnam Graphite Mining Project, Pre-Tax NPV (8% discount rate)

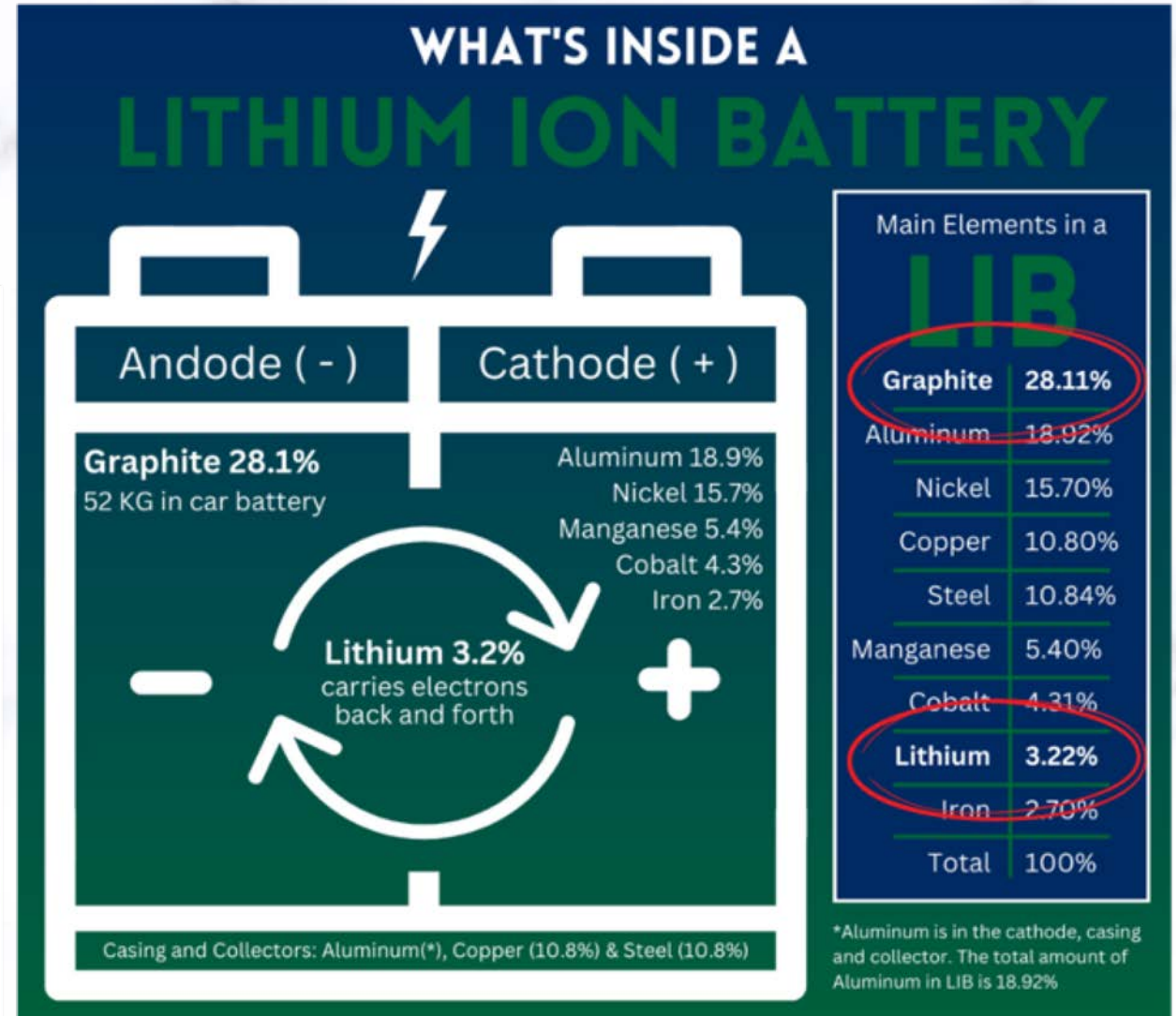


GRAPHITE - THE LARGEST CONSTITUENT OF LITHIUM-ION BATTERIES



How battery chemistries differ, by mineral content for a 60KWH lithium-ion battery

	NMC811 Nickel (80%) Manganese (10%) Cobalt (10%)	NMC523 Nickel (50%) Manganese (20%) Cobalt (30%)	NMC622 Nickel (60%) Manganese (20%) Cobalt (20%)	NCA+ Nickel Cobalt Aluminum Oxide	LFP Lithium iron phosphate
LITHIUM	5KG	7KG	6KG	6KG	6KG
COBALT	5KG	11KG	11KG	2KG	0KG
NICKEL	39KG	28KG	32KG	43KG	0KG
MANGANESE	5KG	16KG	10KG	0KG	0KG
GRAPHITE	45KG	53KG	50KG	44KG	66KG
ALUMINUM	30KG	35KG	33KG	30KG	44KG
COPPER	20KG	20KG	19KG	17KG	26KG
STEEL	20KG	20KG	19KG	17KG	26KG



WE ARE IN A GROWING MARKET

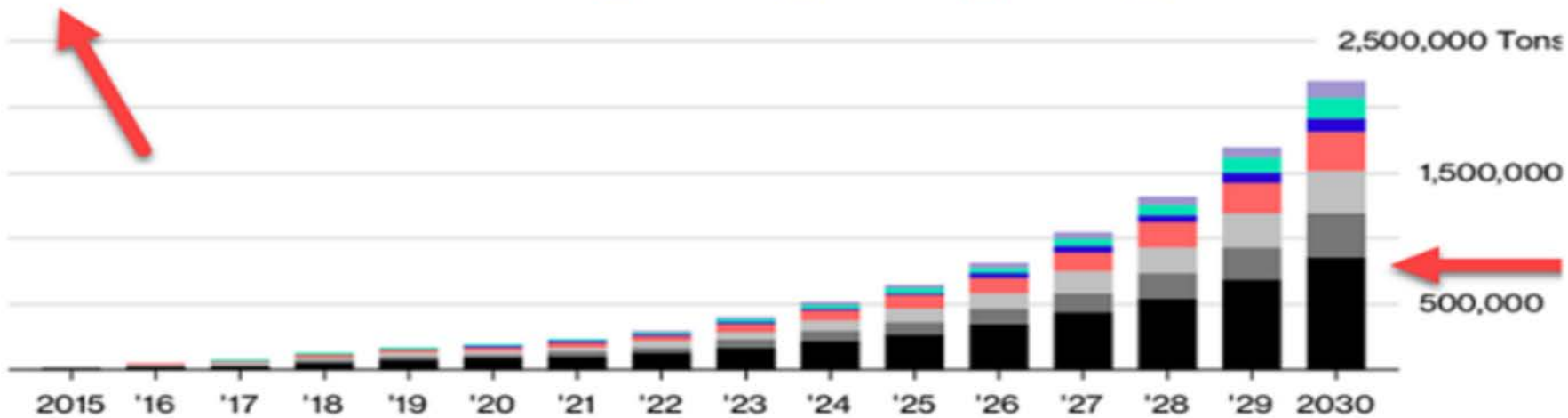
DEMAND FOR GRAPHITE IS GROWING

- EV DEMAND - 10 countries have mandated EV cars by 2030 to 2040
- SOLAR AND WIND FARMS - storing energy to sell at peak times
- HOME – batteries to store energy from solar roofs.

Metal Winners

Graphite demand is forecast to soar as electric vehicle market expands

■ Graphite ■ Nickel ■ Aluminum ■ Copper ■ Lithium ■ Cobalt ■ Manganese



Source: Bloomberg New Energy Finance


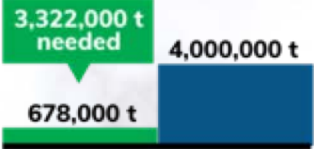










Bloomberg

Green Battery Has Large Jumbo Mesh (flake) Size High Grade Graphite



NEW MINES NEEDED BY 2035



	2022 Supply v 2035 Demand	Average Mine/Plant Size	No. of Mines/Plants Needed
Lithium 		 45,000 t	59
Cobalt 		 5,000 t	62
Natural Graphite 		 56,000 t	97
Synthetic Graphite 		 57,000 t	52

PROJECTED DEMAND REQUIRES

97

NEW GRAPHITE &

59

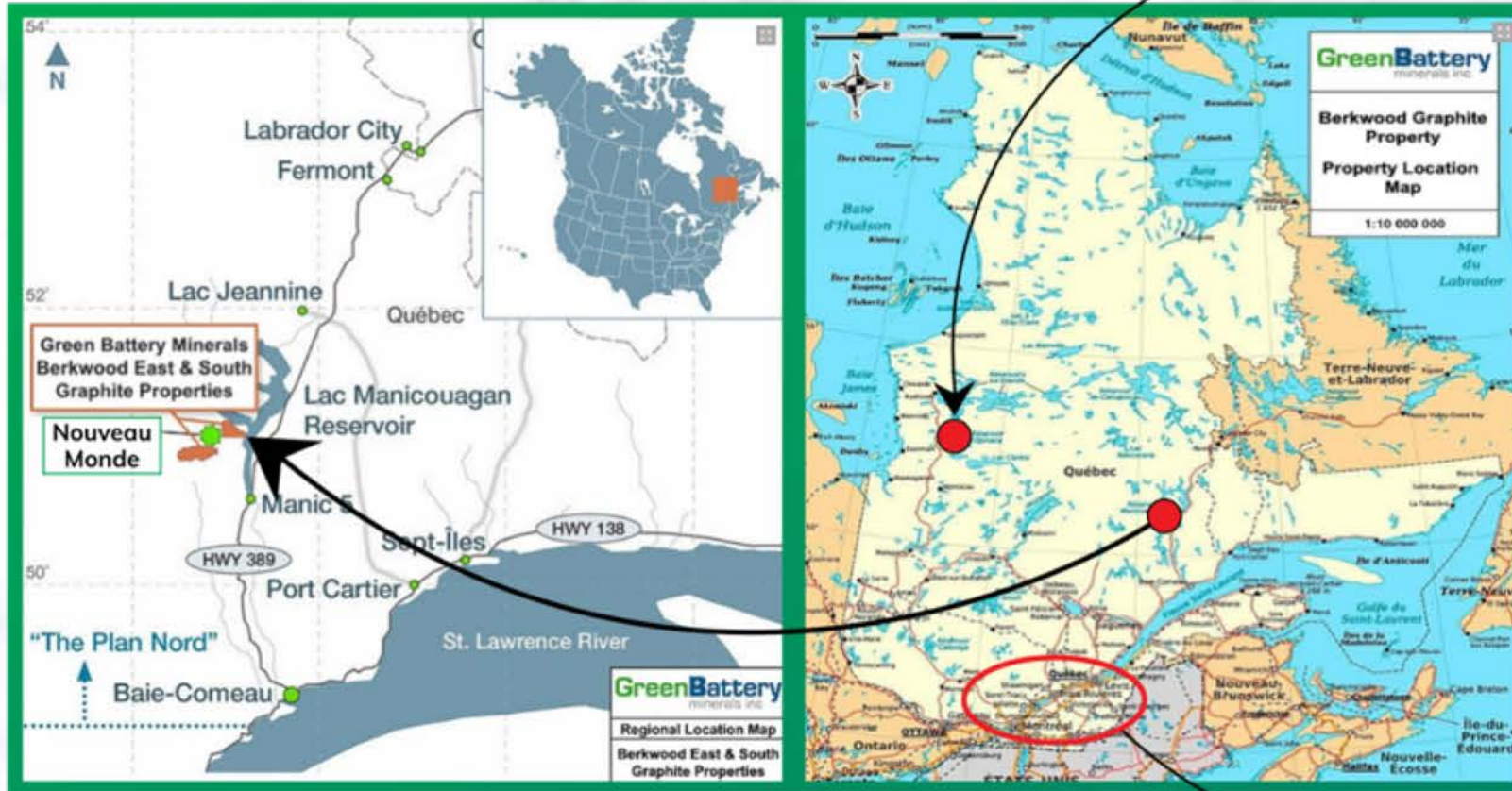
NEW LITHIUM MINES

*Source: Benchmark Mineral Intelligence

BERKWOOD GRAPHITE - NEXT TO A PROVEN \$3.6 B Graphite deposit



James Bay Lithium Mines



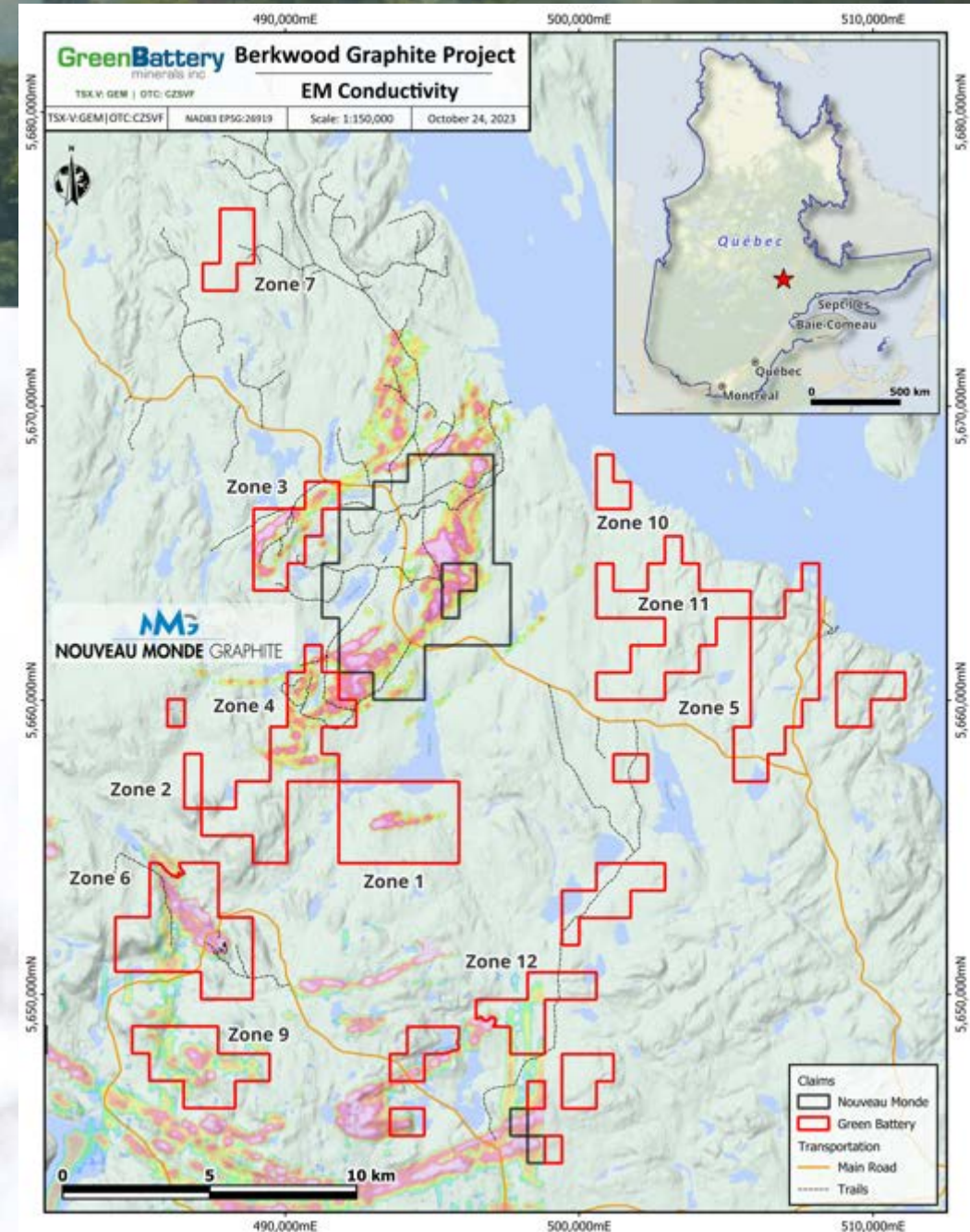
The Berkwood Graphite Project is immediately adjacent to Nouveau Mondes \$3.6 Billion NPV Uatnam Graphite Mining Project and is likely part of the same geological structure as Nouveau Mondes, especially since the grades and metallurgy of both companies graphite is similar.

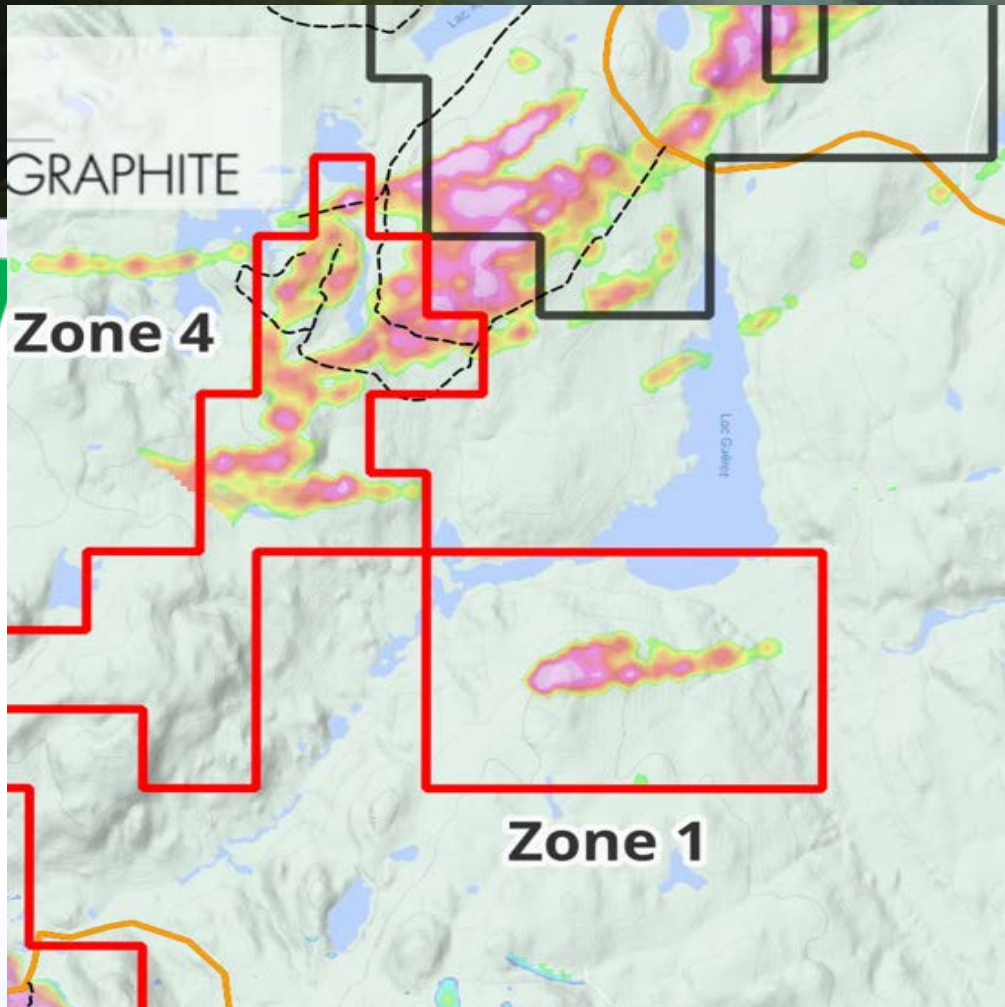
Proposed Anode Plants

"The best place to look for a new mine is in the shadow of head frames!"

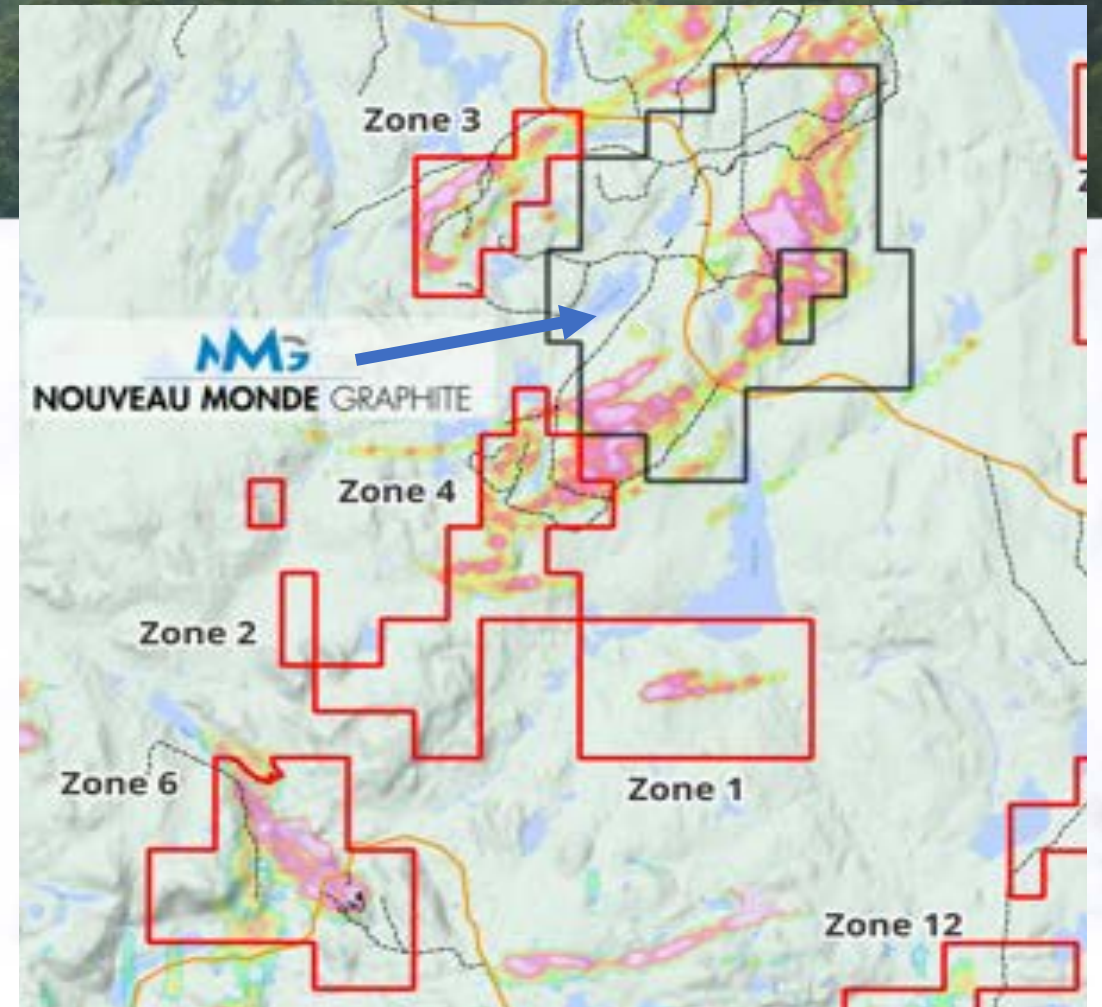
BERKWOOD GRAPHITE

- 12 separate properties – 11,000 Ha
- Each property contains EM anomaly
- Each property sampled high grade graphite at surface, and road accessible
- 6 drill programs on two of the properties
- 3.2 M tonnes of indicated and inferred from one property only Zone 1
- Only 10% of properties drilled so far
- Resource easily expandable
- Next to be drilled is Zone 3





Each of the pink areas are geophysical anomalies all proven to contain graphite. To date, Green Battery's proven 3.2 million tonnes of indicated and inferred resource estimate has only been taken from Zone 1.

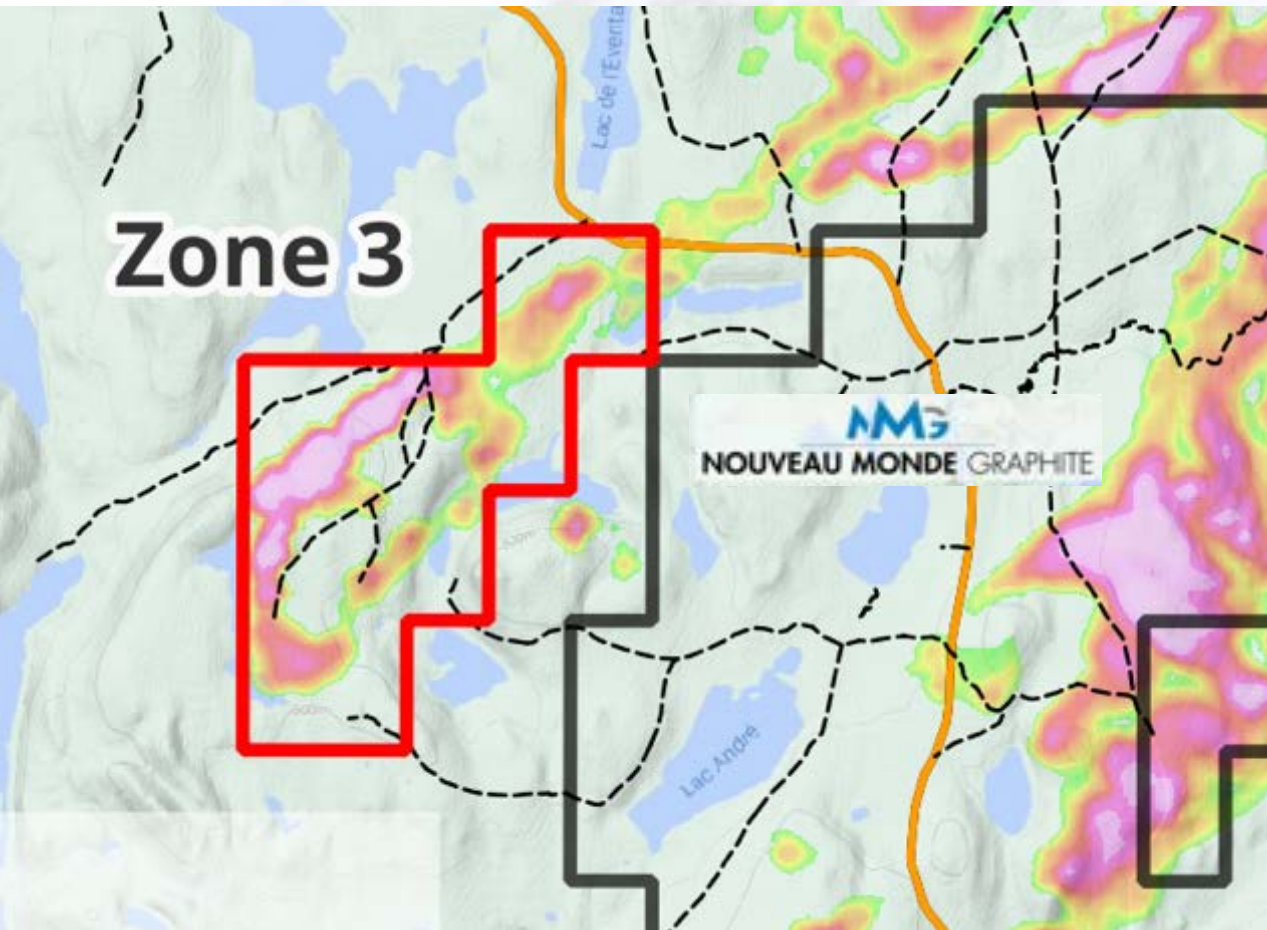


Green Battery has 11 other zones that all contain geophysical anomalies already tested and proven to contain outcropping graphite. These zones just need drilling which should easily expand the resource. These zones are all road accessible and drill ready.

GRAPHITE OUTCROPS FROM DIFFERENT ZONES



RESOURCE EASILY EXANDABLE - only 2 out of 12 properties drilled GRAPHITE SAMPLED ON EVERY PROPERTY



Zone 3 Property

- 12 mineral claims 604 ha
- 1.4 km x 200 m EM anomaly
- outcropping graphite channel sampled
- Mason drilled one hole 2013
- 2 graphite zones intersected
- 22m interval tested 20.91% CG
 - from surface
- 4.5 m interval tested 7.78% CG
 - from 74.25 m
- low hanging fruit to expand resource



**WHOEVER SAID SIZE
DOESN'T MATTER**
...already has a big diamond



Like Diamonds, when it comes to Graphite, size does matter. The bigger the Graphite (flake or mesh size) the more valuable.



OUR GRAPHITE MEETS THE HIGHEST QUALITY DEMANDS



97.8% from Metallurgical Testing

*See News Release Feb. 7th 2019: Berkwood metallurgical tests yield 97.8% graphite in concentrate grade

Classification	Size Fraction	Weight %	Cgr (%)
Very Course	20 x 50	39.5	97.6
Course	50 x 100	50.0	98.0
Fine	100 x 200	10.4	98.0
	Total	100.0	97.8

Average Distribution of Graphite

Size Range	Medium Cgr (6.81% - 15%)	High Cgr (15% - 35+%)
20 to 50 Mesh (Jumbo Flake)	51.30%	47.10%
50 to 100 Mesh (Large Flake)	28.70%	21.50%
Less than 100 Mesh (other)	20.10%	31.40%



*See News Release Mar. 8th 2018: Berkwood announces large flake characterization results at Lac Gueret Project Quebec

GEM'S GRAPHITE IS HIGH QUALITY, IDEAL FOR LIBS + PREMIUM PRICE



GEM's resource shows predominantly large and jumbo size flakes making this one of the best properties for anode materials

Our Graphite = High End Quality

- Natural - better electrical and thermal conductivity than synthetic material
- High Grade - 17% average grade
- Large/Jumbo Flake - has the highest conductivity as it is the most dense
- High Conductivity
- Superior Crystallinity - Improves life of batteries

Microns	Mesh Size	Purity	Market Terminology	Price/Tonne (US\$)
>300	+48	90 to 97%	Extra large or 'Jumbo' Flake	~ \$2,000
180 to 300	-48 to +80	90 to 97%	Large Flake	~ \$1,300
150 to 180	-80 to +100	90 to 97%	Medium Flake	~ \$1,100
75 to 150	-100 to +200	90 to 97%	Small Flake	~ \$750
<75	-200	80 to 85%	Fine Flake/Amorphous	~ \$450



PROXIMITY TO ALL ESSENTIAL INFRASTRUCTURE



Access to critical infrastructure translates into an enhanced margin profile while facilitating and accelerating operations



UNDERSTANDING CHINA

News & analysis

GREAT POWER CONFLICT

TENSIONS WITH U.S.

CHINA ENDGAME

NEW LEADERS

China Tightens Its Chokehold on Graphite Needed for EV Batteries

Beijing bolsters export restrictions on strategic mineral days after U.S. squeezed Chinese access to advanced semiconductors

BUSINESS

Red alert for the EV market: China curbs graphite export

Doloresz Katanich & Reuters - 20/10/2023 14:33

China is the world's top graphite producer and the raw material is essential for EV batteries.



Containers wait to be transported on a dockyard in Yantai in eastern China's Shandong province on Sunday, Aug. 6, 2023.

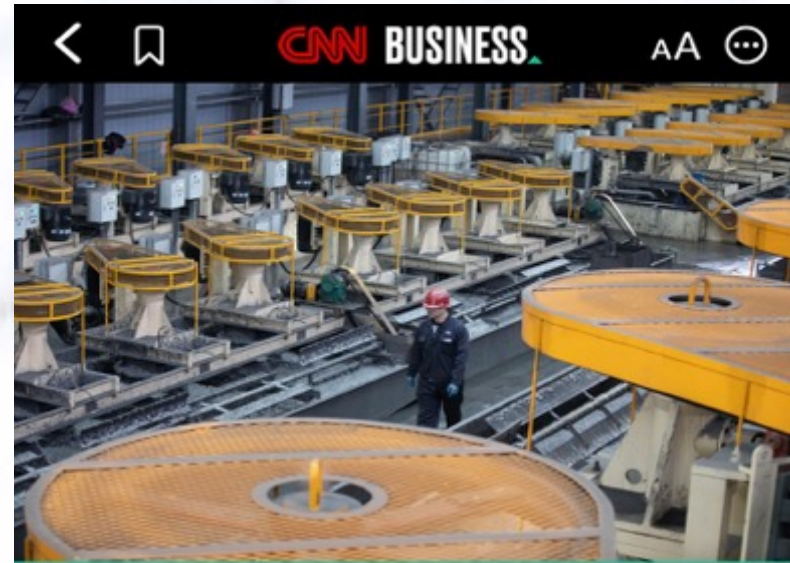
OCTOBER 20th, 2023

Korea to Seek Alternative Graphite Source if Shortage Hits

By **Sam Kim**, October 20, 2023, 5:06 AM EDT, updated at October 20, 2023, 6:32 AM EDT

South Korea's trade minister said his country is prepared to look for alternative sources of graphite if China's newly strengthened export controls on the key material used in electric-vehicle batteries cause a severe shortage.

"We will try to find the alternative source and we will basically do as we prepared so far," Trade Minister Ahn Duk-geun said Friday in an interview. invoking South Korea's



BUSINESS

China restricts exports of graphite as it escalates a global tech war

Juliana Liu

Updated 7:22 AM EDT October 20, 2023
Hong Kong

OCTOBER 20th, 2023



BERKWOOD GRAPHITE PROPERTY HIGHLIGHTS

1. 3.2 million Tonnes of indicated and Inferred from one property
2. 11 more properties all with confirmed at surface high grade graphite
3. Neighbours just announced a \$3.6 Billion NPV for their Graphite Mine
4. Berkwood Graphite successfully used to create a lithium-Ion battery
5. Graphite is a Critical Mineral that supply is in jeopardy from China
6. Demand for Graphite will increase dramatically as the Electric vehicle market grows
7. Quebec is an ESG friendly location with affordable and Green Clean Hydro power
8. Excellent infrastructure with highways, railway, deep seaports
9. Pro mining Government with local communities and indigenous people onside
10. Low Hanging fruit drill ready properties will add to resource
11. Only 89,000,000 shares outstanding





**PREMIUM PRODUCTS FOR A
RAPIDLY GROWING MARKET**

ANODE GRAPHITE & GRAPHENE



GREEN CREDENTIALS

PARTNERSHIP



Using effluent-free new air separation process from partner Volt Carbon

- Teamed up with Volt Carbon Tech (TSX: VCT), we achieved successful purification of our graphite from an average head grade of 17% to 92% Cg after dry separation
- This innovative technique eliminated the need for water, reagents, or chemicals, resulting in a reduced carbon footprint, underscoring our commitment to ESG principles
- In addition to the environmental benefits, the road accessibility of our project ensures minimal disruptions in the event of mining operations
- Our emphasis on utilizing surface graphite further attests to our dedication to environmental responsibility, as it reduces waste rock
- To power our operations sustainably, we proudly embrace clean, green, and renewable hydroelectric power, exclusive to Quebec. By doing so, we actively promote greener energy and make valuable contributions to the production of eco-friendly batteries

*See News Release May 16, 2023: Green Battery Minerals strengthen ESG credentials through successful air separation test of its graphite





CREATING FURTHER DISRUPTION IN THE LIB ANODE SPACE

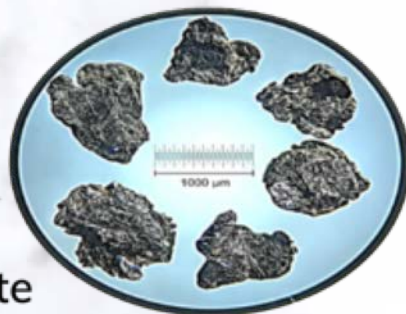
Crushed Ore (-12 Mesh)



Air Classifier



Flake Graphite Concentrate



**ESG SEPARATION METHOD RETAINS HIGH
QUALITY SOURCE MATERIAL WHILE NOT
PRODUCING ANY EFFLUENT**

Air Classification

Volt Carbon Technologies has what management believes is a potentially straight-forward low energy proprietary air classification systems

- Graphite is liberated from host material using aerodynamics
- We believe this process can be used for extracting flake graphite from aggregate in a quarry type setting
- Graphite purification up to 95% only 93% for now purity depending on host material
- Dry-circuit uses no reagents, acids or environmental contaminants
- Serves as a primary purification process
- Environmentally clean with what management believes is an efficient use of energy and 0 water
- Management anticipates a substantial reduction in CAPEX compared to flotation for graphite purification



ESG PROFILE MAJOR SELLING POINT FOR EV INDUSTRY



CONTACT

Montreal Office

Suite 2200 – 1250 René Levesque Blvd.

Montreal, QC Canada H3B 4W8

Phone: (438) 469-0705

Vancouver Office

PO Box 48362 BENTALL

Vancouver, BC Canada V7X 1A1

Phone: (604) 343-7740

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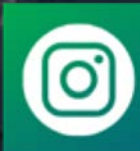
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