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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.



GRAPHITE



As a critical mineral, North American governments are providing incentives for the development of mines in domestic and friendly jurisdications

Why Graphite

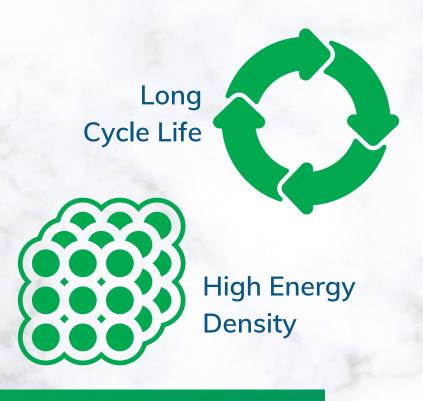
What is Graphite?

Graphite is used as the anode material in Lithium Ion Batteries (LIB's). As the world switches to electric cars the demand for graphite will outpace any level of production the world can provide. This increase on demand and drastic supply shortage will increase graphite prices dramatically.

High Electrical Conductivity

High Thermal Conductivity





Lithium Ion Batteries (LIBs),
Vanadium redox flow batteries
and hydrogen fuel cells all
require graphite

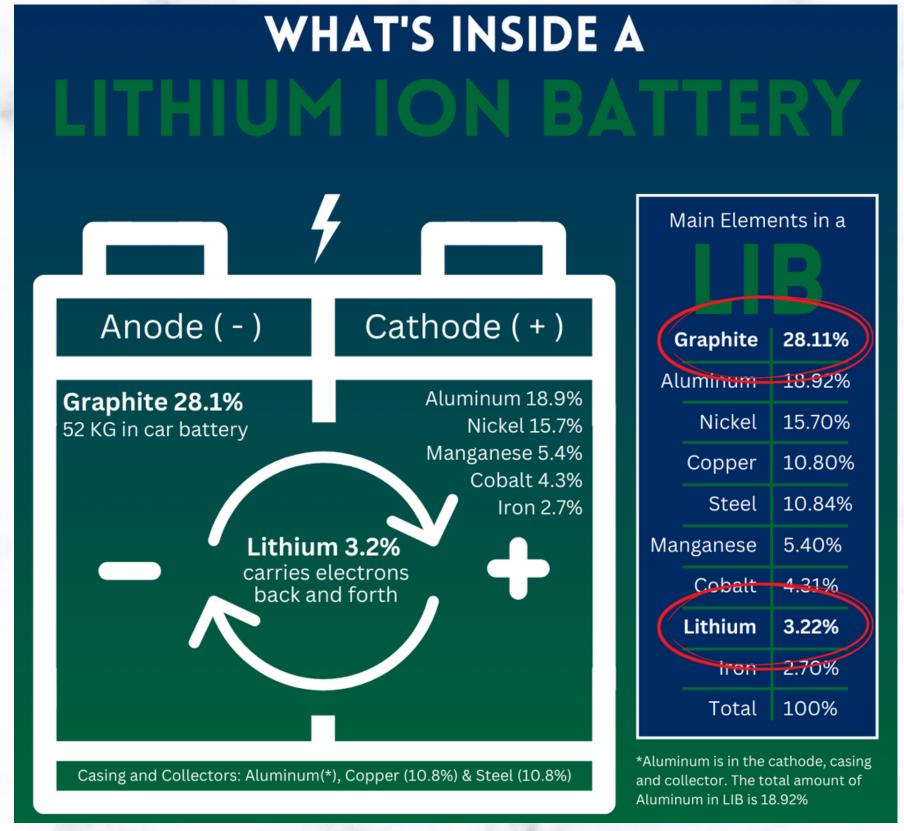
Graphite's unique properties make it the ideal substance for a number of clean technologies Its low environmental footprint
+ relatively low cost make
graphite a critical mineral
in high demand

GRAPHITE - THE LARGEST CONSTITUENT OF LITHIUM-ION BATTERIES



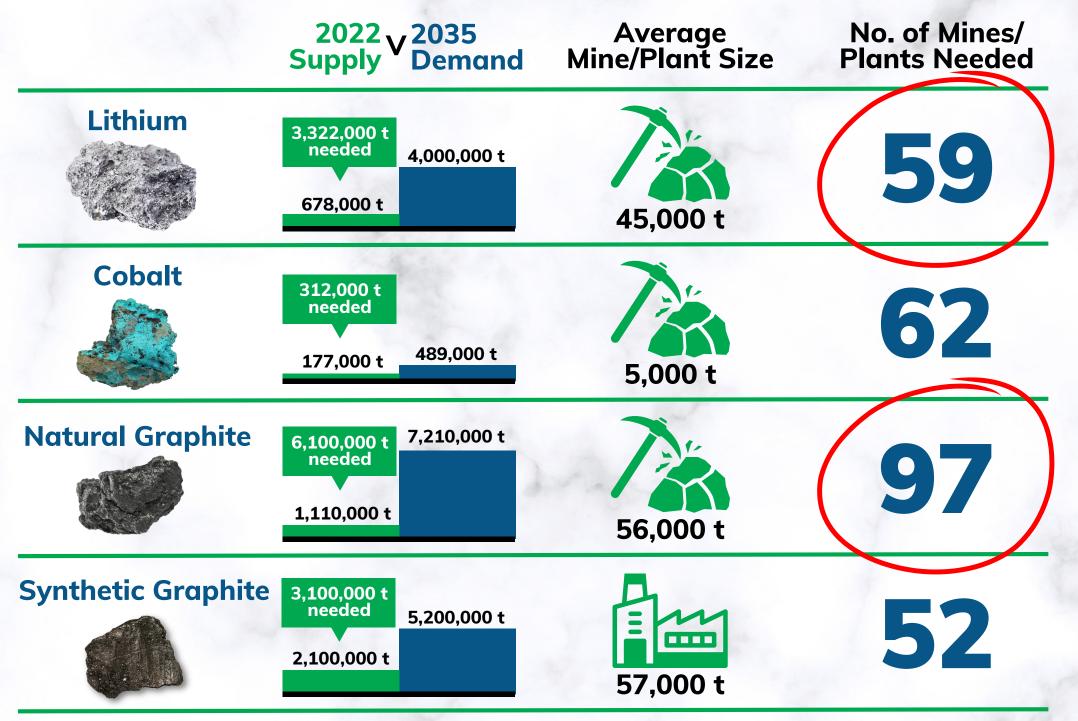
How Battery Chemistries differ, by mineral content for a 60KWH Lithium-Ion Battery

		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
59	LITHIUM	5KG	7KG	6KG	6KG	6KG
	COBALT	5KG	11KG	11KG	2KG	OKG
8	NICKEL	39KG	28KG	32KG	43KG	OKG
	MANGANESE	5KG	16KG	10KG	OKG	OKG
	GRAPHITE	45KG	53KG	50KG	44KG	66KG
AU)	ALUMINUM	30KG	35KG	33KG	30KG	44KG
4	COPPER	20KG	20KG	19KG	17KG	26KG
Ð	STEEL	20KG	20KG	19KG	17KG	26KG



NEW MINES NEEDED BY 2035





PROJECTED DEMAND REQUIRES NEW GRAPHITE & **59** NEW LITHIUM MINES

^{*}Source: Benchmark Mineral Intelligence

China's Dominance in the Graphite Supply Chain



CURRENT SUPPLY DOMINATED BY LESS FRIENDLY JURISDICTIONS

U.S. Inflation Reduction Act states that U.S. battery producers are required to source critical minerals extracted or processed in the United States or a country with which the United States has a free trade agreement, or be recycled in North America

Synthetic Graphite Production

Battery Anode Material Production

78% China



22% Other

86% China



14% Other

The dependance on graphite supply from China = potential for political interference and resource nationalism



Synthetic Graphite

Produced by high temperature treatment of petroleum coke and coal tar



Natural Graphite

Produced by mining naturally occurring mineral deposits

*Source: Benchmark Mineral Intelligence

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



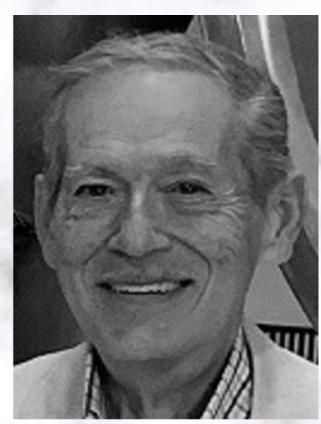
OUR TEAM





Tom Yingling
CEO





Michel Robert

Advisor





Binny Jassal CFO





Charn Deol
Director





Ian Graham

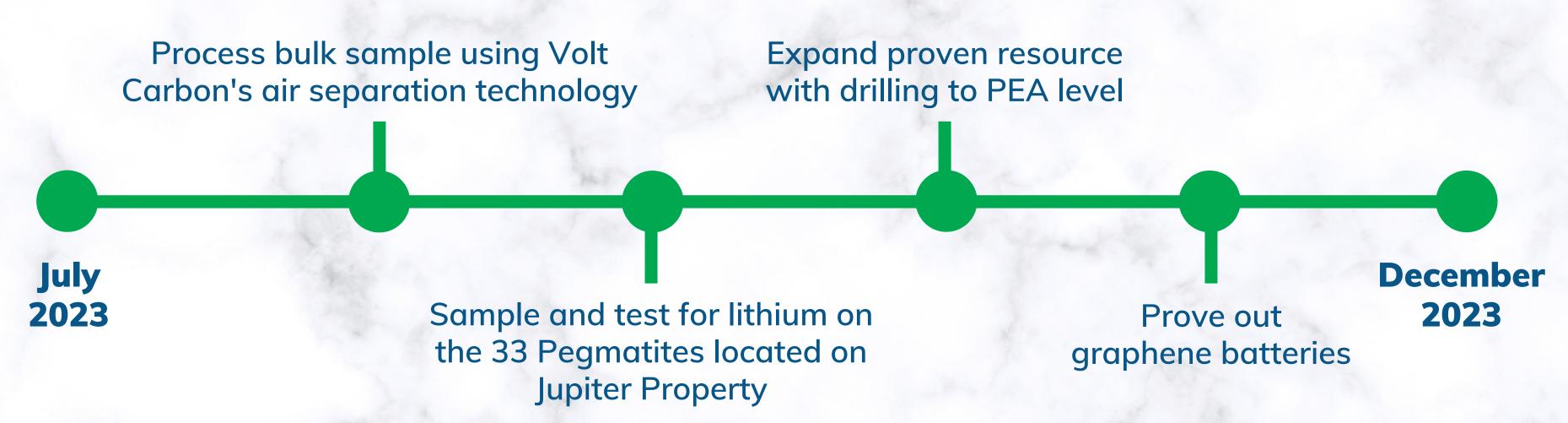
Director



TIMELINE



6 Month Plan



Off-take agreements

Develop mining operations

2 Year Plan (2023-2025)

Pursue strategic partnerships

SHARE SUMMARY

TSX-V: GEM OTCQB: GBMIF



74,896,287

Options

7,457,250

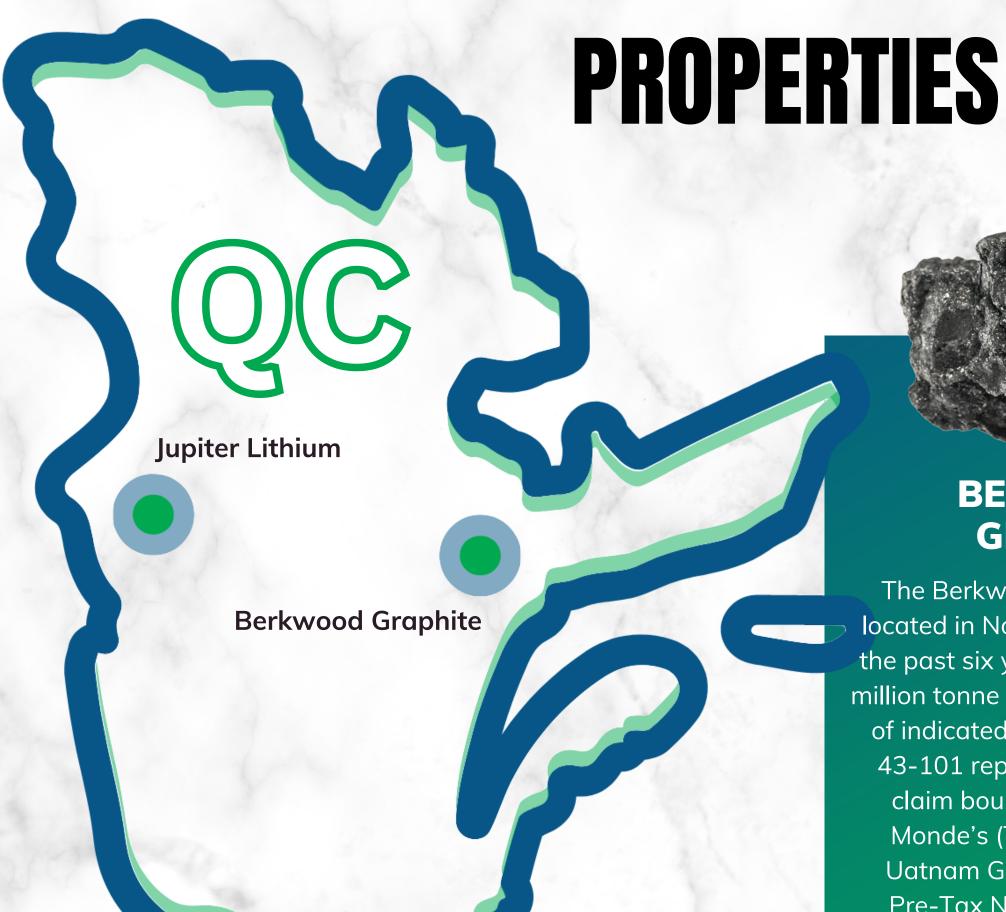
Warrants (weighted average exercise price: \$0.30)

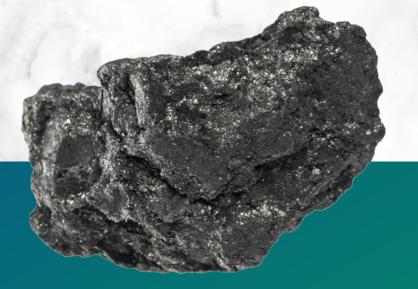
10,335,333

Fully Diluted

92,688,870







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 (TSX-NOU) \$3.6 Billion Uatnam Graphite Mining Project, Pre-Tax NPV (8% discount rate)



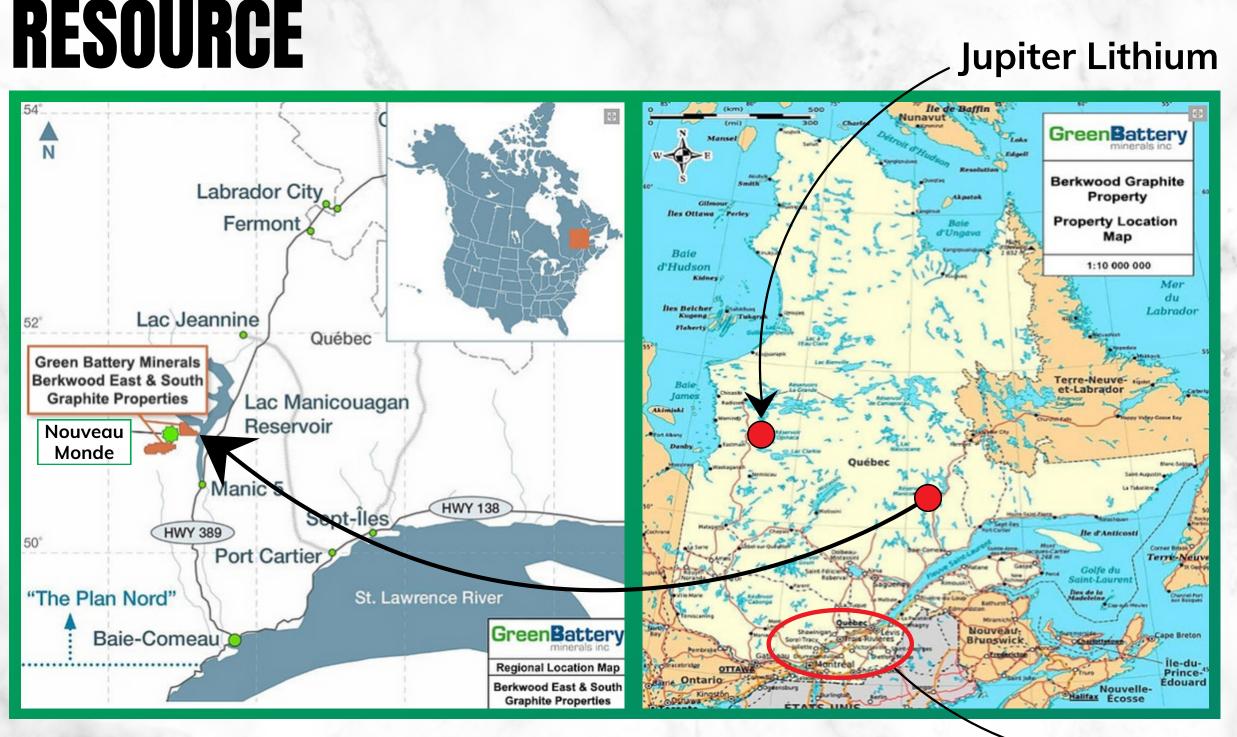


JUPITER LITHIUM

The Jupiter Lithium property is surrounded by some of the biggest lithium deposits in North America. The property is an early-stage exploration opportunity which comprises a total of 122 Quebec mineral exploration claims which amount to a total of 6406 hectares

IDEAL LOCATION - NEXT TO A PROVEN GRAPHITE

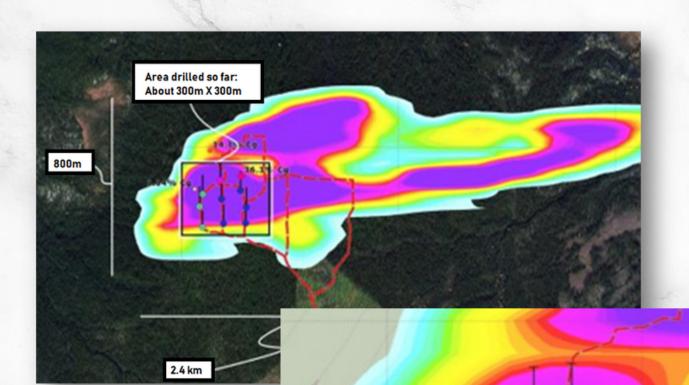




The Berkwood Graphite Project is immediately adjacent to **Nouveau Mondes \$3.6 Billion NPV Uatnam Graphite Mining** Project and is likely part of the same geological structure as **Nouveau Mondes, especially** since the grades and metallurgy of both companies graphite is similar.

> Proposed Anode Plants

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

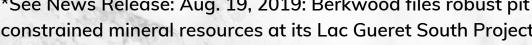


*Every drill hole intersected Graphite

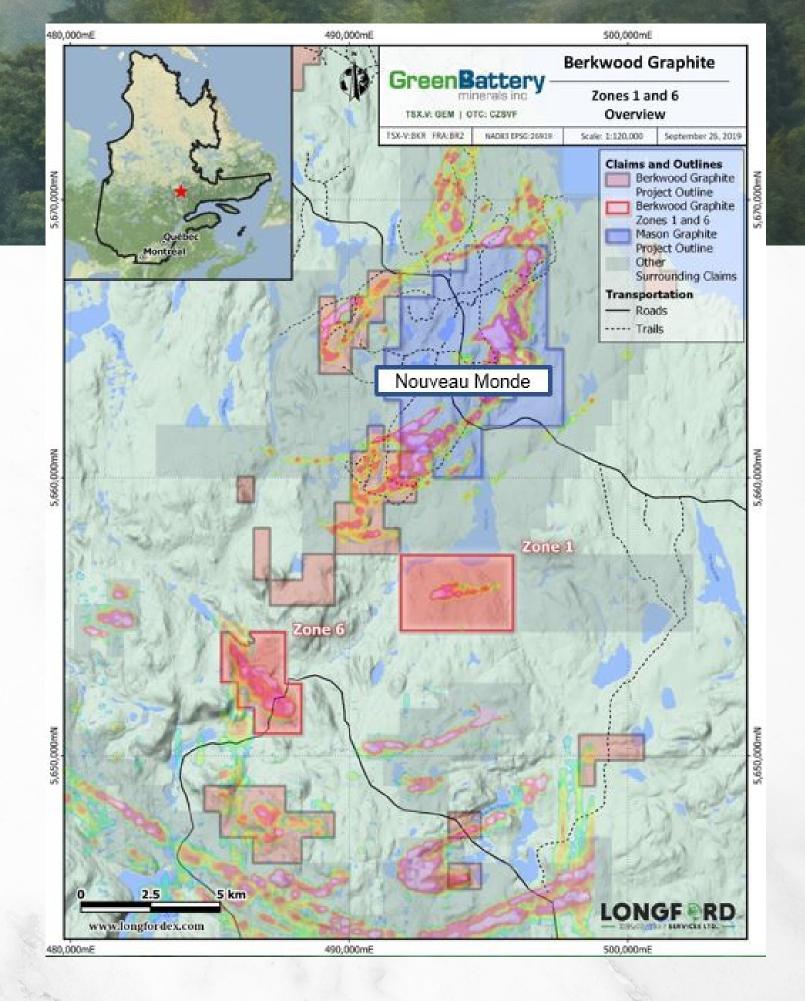
BERKWOOD GRAPHITE PROJECT <10% EXPLORED, ALREADY SIGNIFICANT **VALUE CREATED**

>3 Million tonnes in indicated and inferred resource with less than 10% of the property fully explored

*See News Release: Aug. 19, 2019: Berkwood files robust pit constrained mineral resources at its Lac Gueret South Project

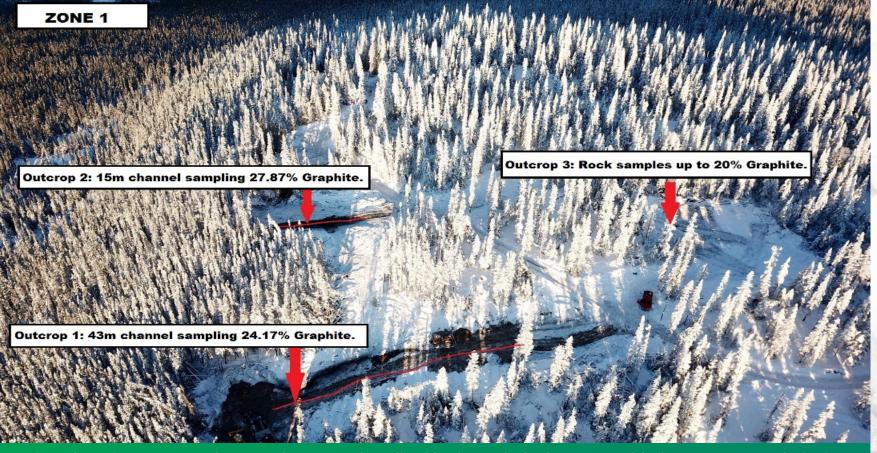


Green Batteries proven graphite resource is also easily expandable as to date only approximately 10% of the properties have been drilled, yet every one of the remaining undrilled properties have all been tested and every one of them has successfully shown high grade graphite outcropping



Current Resource 43-101 Resource (June 2019)

	Tonnage (Mt)	Grade (%Cgr)	Cgr (t)	Cut Off (%Cgr)
Indicated	1,76	17.00	299,200	6.81%
Inferred	1,53	16.4	250,200	6.81%



The mineral resource estimates above are described in the technical report entitled, NI 43-101 Technical Report Mineral Resource Estimate on the Lac Gueret South Graphite Property, Quebec, Canada. With an Effective date of June 19th, 2019, dated June 30th, 2019, by Edward Lyons, PGeo., Florent Baril, ing., and Claude Duplessis, ing. Link to Report Here:



Area 4 - Graphite Outcrop

*See News Release: August 19, 2019: Berkwood files robust pit

constrained mineral resources at its Lac Gueret South Project

Our graphite is at surface, which eventually upon development will result in low cost mining



The recently acquired Jupiter James Bay Lithium project is surrounded by some of the biggest lithium deposits in North America including:

- Patriot Minerals (TSX-PMET) Market Cap \$1Billion
- Allkem (ASX-AKE) Market Cap \$7.5 Billion
- Critical Minerals (TSX-CRE) Market Cap \$500 million
- Winsome Resources (ASX-wr1) Market Cap \$213 Million

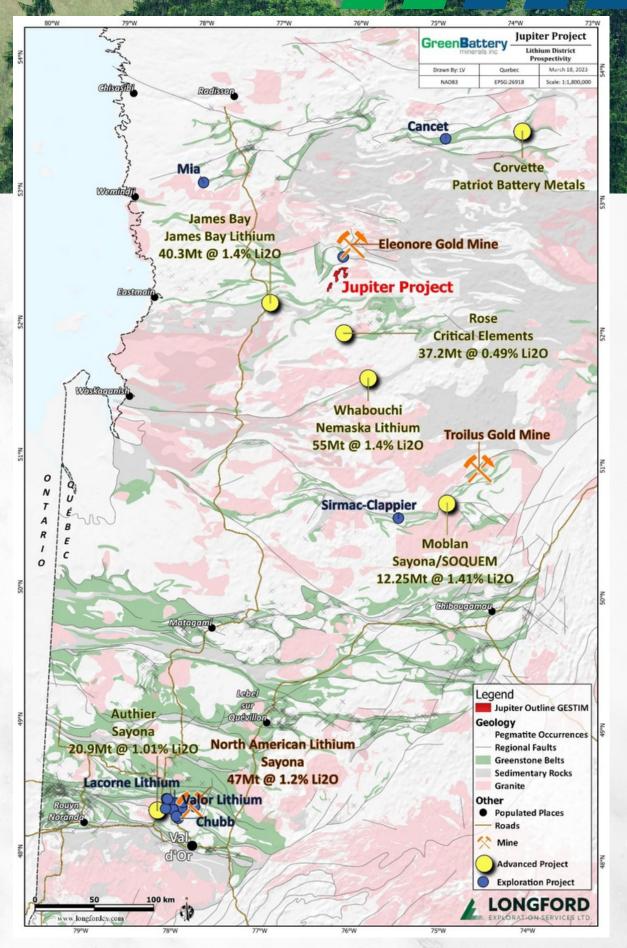
Jupiter hosts 33 pegmatites, the host rock for lithium,

but none of them have been tested for it. The Company intends to sample all 33 pegmatites this

JUPIER

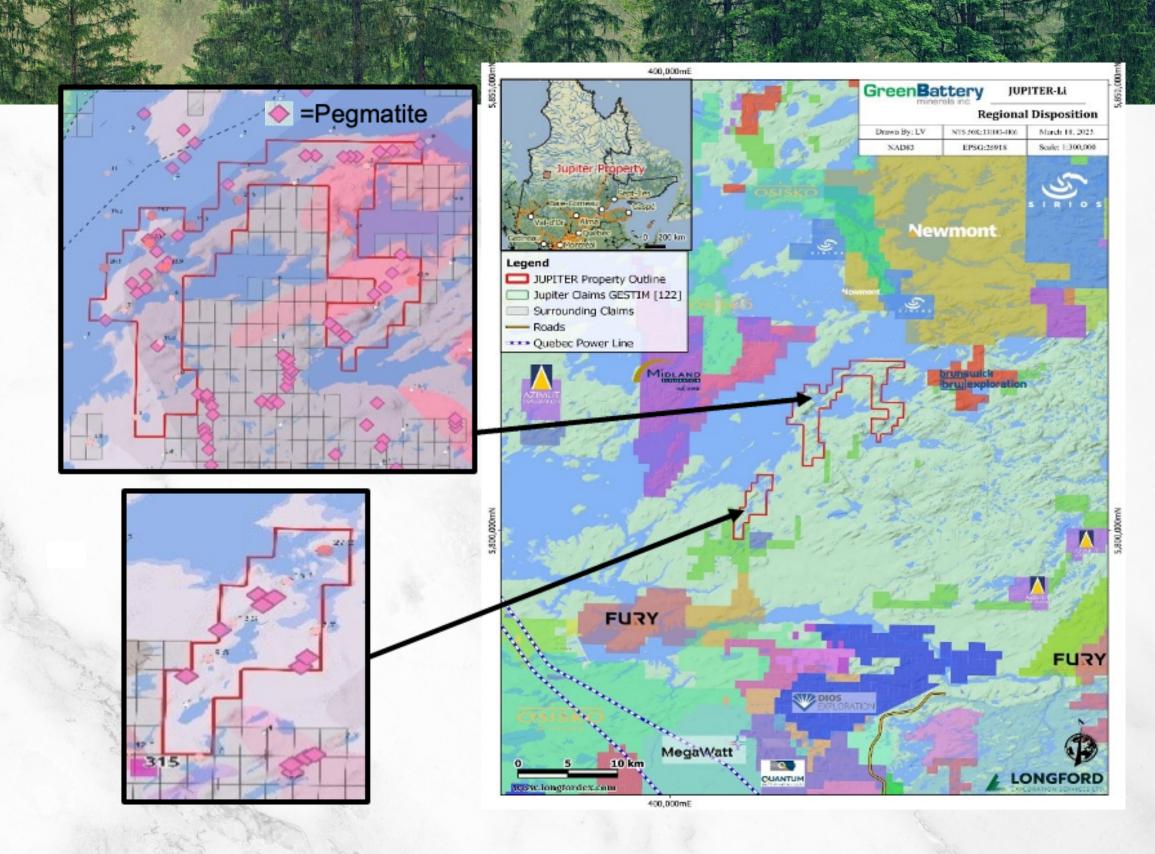
With upside potential, these claims are strategically located within the James Bay lithium prospective area within which are the Nemaska Lithium, James Bay Lithium, and Rose Critical Elements deposits. The Jupiter Property fulfills the company's goal of providing additional battery elements that go into Lithium-Ion batteries.

Company	Symbol	Market Cap	52 Week Hi-lo	Stage	Current Price	Dist. From GEM	Property Name
Q2 Metals	QTWO	\$44 mill	\$0.08-\$1.23	Early Explor	\$0.60	100 kms	Mia
Brunswick Explor	BRW	\$160 mill	\$0.16-\$1.17	Early Explor	\$0.92	3 kms	James Bay
AllKem	ASX:AKE	\$7.8 bill	\$9.32-\$16.75	Full feas. 19 year mine life	\$12.20 AUS	40 kms	James Bay
Patriot Minerals	PMET	\$1.29 bill	\$1.58-\$17.69	Exploration	\$13.90	175 kms	Corvette
Critical Elements	CRE	\$530 mill	\$1.20-\$3.03	Mine Permited	\$2.25	25 kms	Rose Mine
Green Battery	GEM	\$5 mill	\$0.035-\$0.155	Early Explor	\$0.07	0	Jupiter



Each of the pink diamonds on these maps shows the location of the 33 know Pegmatites to be sampled this Summer

Up to 315 ppm lithium sampled on the adjacent property to these pegmatites



PROXIMITY TO ALL ESSENTIAL INFRASTRUCTURE



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



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





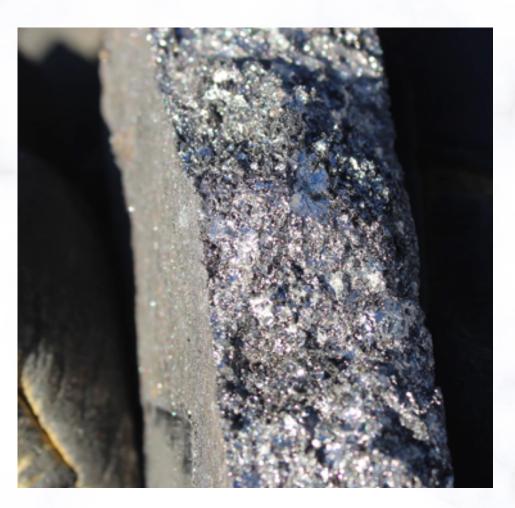
GEM's resource shows predominantly large and jumbo size flakes making this one of the best properties for anode materials

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

OUR GRAPHITE MEETS THE HIGHEST QUALITY DEMANDS



97.8% from Mettallurgical 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%



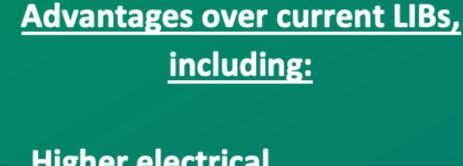
*See News Release Mar. 8th 2018: Berkwood announces large flake characterization results at Lac Gueret Project Quebec

PRODUCING GRAPHENE - THE WONDER MATERIAL

- Graphene is a single layer of carbon atoms, it is flat, malleable and one of the strongest materials known to man
- Due to its unique properties, graphene has a number of major advantages over graphite, related to conductivity, higher capacity, strength and weight

Created Graphene Lithium-Ion Batteries

- No chemicals, emissions, pollutions or waste
- Graphene batteries cost less, charge quicker,
 hold the charge longer, and are lighter = greater range



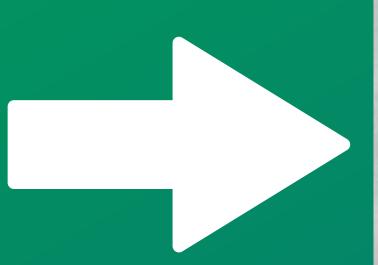
- Higher electrical conductivity/density
- Longer battery life
- Faster charging speed
- More charge cycles
- Lighter and Smaller
- More Power/ Travel Longer
- Lower cost
- Fits into the current LIB Process

CREATING FURTHER DISRUPTION IN THE LIB ANODE SPACE



CREATING FURTHER DISRUPTION IN THE LIB ANODE SPACE









*Graphene
Lithium IonBatteries
made from
our graphite

Green Battery Minerals has created prototype LIB's, using ESG-friendly graphene technology with it's partner Graphene Star

In the process of completing a strategic partnership with Graphene Star, contingent on definitive agreement

Graphene Star/Green Battery Advantages

- 100% of the graphite comes from a growing North American reliable and stable source.
- The proprietary technology used to convert the graphite to graphene for anode use is environmentally friendly, with a very low LCA (life cycle
 assessment) value compared with comparable sources.
- No chemicals are used in graphene production using Graphene Star's technology.
- o Graphene Star's technology generates zero waste and high production efficiency.
- As well as environmental benefits, there is substantial cost savings as the process removes numerous steps and chemicals from the graphite purification process.

*See News Release Jan. 19th, 2023: Green Battery Minerals creates lithium-ion battery using ESG-friendly graphene technology and enters into memorandum of understanding with graphene star, a UK graphene producer



PARTNERSHIP





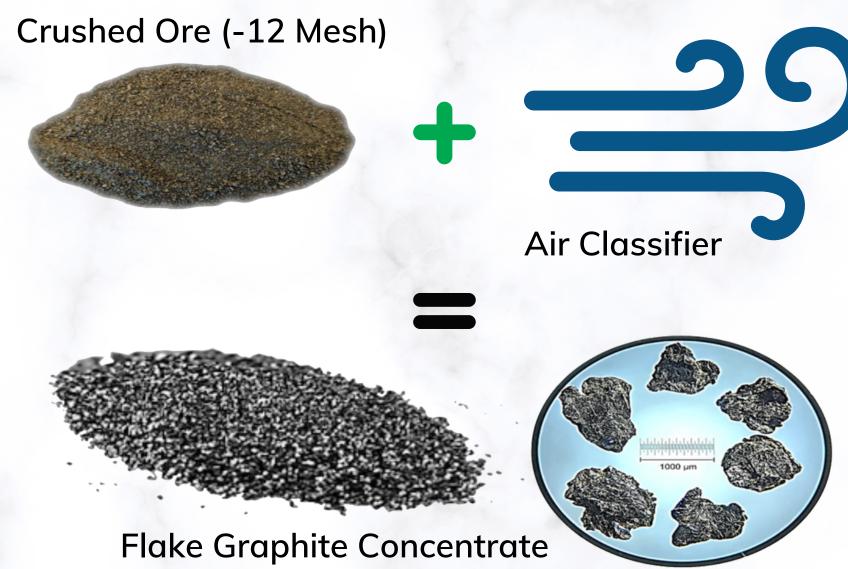
Using effluent-free new air separation process from partner Volt Carbon

- 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



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

Paramater	Flotat	ion (Wet Circuit)	Air Cl	Air Classification (Dry Circuit)		
Purity	✓	80-98%	✓	90-95% (targeted)		
Energy Use	X	14 kWh/tonne of Ore1	✓	9 kWh/tonne of Ore		
Water Usage	X	Extensive Use of Water	✓	0 direct water usage		
Tailings	X	Wet Tailings stored in pits / ponds	✓	Dry Tailings, other commmercial uses		
Chemicals	X	Sufactants, Reagents required	✓	No chemicals		
Permitting	X	Longer Process due to Environmental	✓	Substantially shorter time		
Equipment	X	Fixed Structures	✓	Portable Structures		
Quality	X	Low recovery of large flake	✓	High recovery of large flake		
Cost	X	High CAPEX & Production Cost	✓	Substantially Lower CAPEX & Production Costs		

^{*}See News Release Jun. 5, 2023: Green Battery Minerals and Volt Carbon Technologies enter into preliminary mineral processing agreement

MAJOR POTENTIAL COST AND ENVIRONMENTAL BENEFITS FROM AIR SEPARATION



ESG PROFILE MAJOR SELLING POINT FOR EV INDUSTRY



HIGHLIGHTS

Value Generation

Developing two Quebec based critical mineral projects:

Graphite and Lithium

43 - 101 with >3 million tonnes of indicated and inferred resource

<10% of property fully explored, indicating significant upside

Track Record +
Demand = Value

Team has been closely involved in various stages of exploration, development and operation of 15 mines

97 new mines needed to meet graphite demand

59 new mines needed to meet lithium demand

Added Value Through Innovation

Effluent-free separation technology => lower costs and massively improved ESG footprint

In the process of completing a strategic partnership with Graphene star

Ideal graphite quality for (premium) Anode application

GEM is an opportunity to invest in a Company at ground floor prices with blue sky potential. After six drill programs we have a proven resource with 43-101 report, we offer extensive ESG benefits and have created a graphene containing Lithium-Ion Battery. GEM also offers commodity diversity with our recently announced Lithium project.

BORPORITE OVERVIEW

TSX-V: GEM OTCQB: GBMIF

Potential upside market cap comparison to our neighbour	Nouveau Monde Graphite	Green Battery Minerals
Outstanding Shares	60,903,898	74,896,287
Share Price March 2023	\$ 4.87	\$ 0.07
Total Market Cap	\$ 292,320,000	\$ 5,242,740
State of Company	Going into Production	Resource Only

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

Investor Relations Contact

Marc Lakmaaker
marc@advancecapinc.com

Green Battery minerals inc

TSX-V: GEM OTCQB: GBMIF



@GreenBatteryMinerals



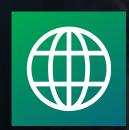
@GreenBatteryMineralsInc



@greenbatteryminerals



@GreenBatteryGEM



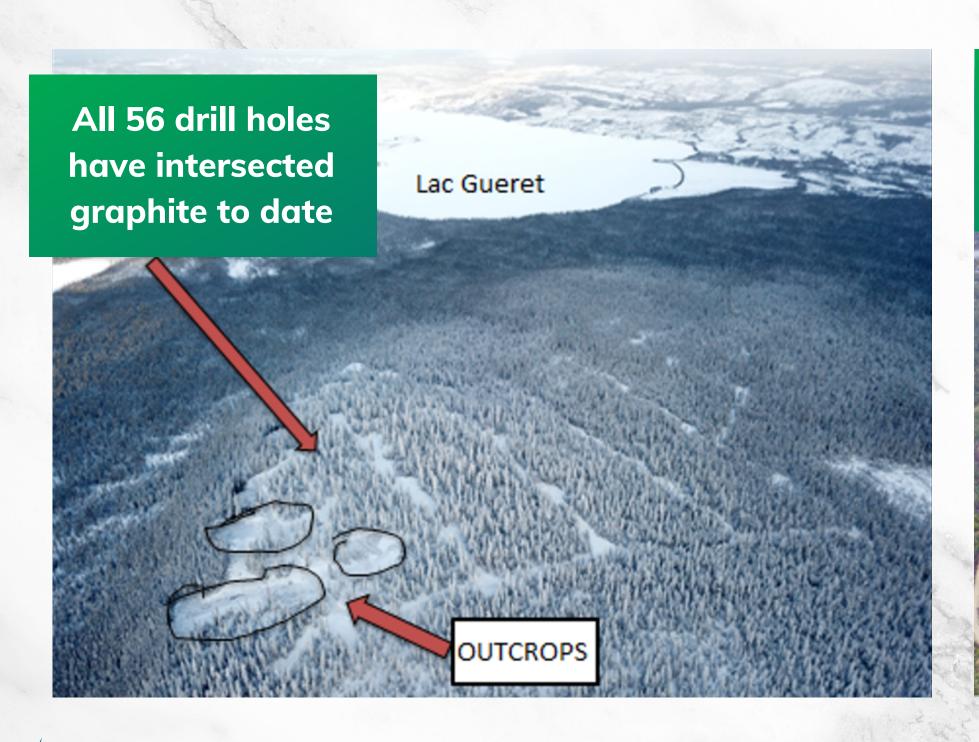
greenbatteryminerals.com



APPENDIX A - ZONE 1

APPENDIX B - ZONE 6

APPENDIX C - GRAPHITE MARKET AND PRICING





IPHINA - ZONE 1



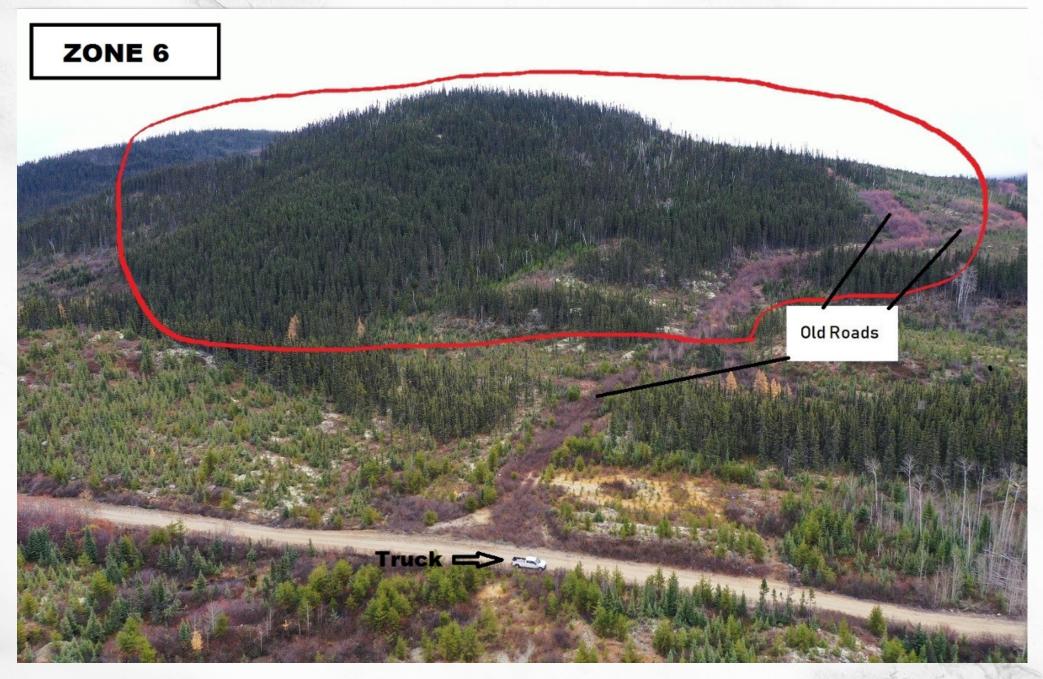




Immediately adjacent to Nouveau Monde Graphite's (TSX: NOU) Uatnam Graphite Mining Project, with an indicative Pre-Tax NPV (8% discount rate) of \$3.6 Billion (As per NR Feb, 27, 2023)



APPENDIX B - ZONE 6 ROAD ACCESS





APPENDIX B - ZONE 6 OUTGROPS









IPPENDING - PRIGEOF GRAPHTE

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



Graphite Product	Carbon Content %	Mesh Size	Graphite Size (micron)	Approx. Price US\$/T
Jumbo Flake	94-97%	+48	+48	\$2,000
Large Flake	94-97%	-48 to +80	-48 to +80	\$1,300
Medium Flake	94-97%	-80 to +100	-80 to +100	\$1,100
Fine Flake	94-97%	-100 to +200	-100 to +200	\$750
Amorphous	80-85%	-200	-200	\$450
Synthetic	99.95%			+\$7,500

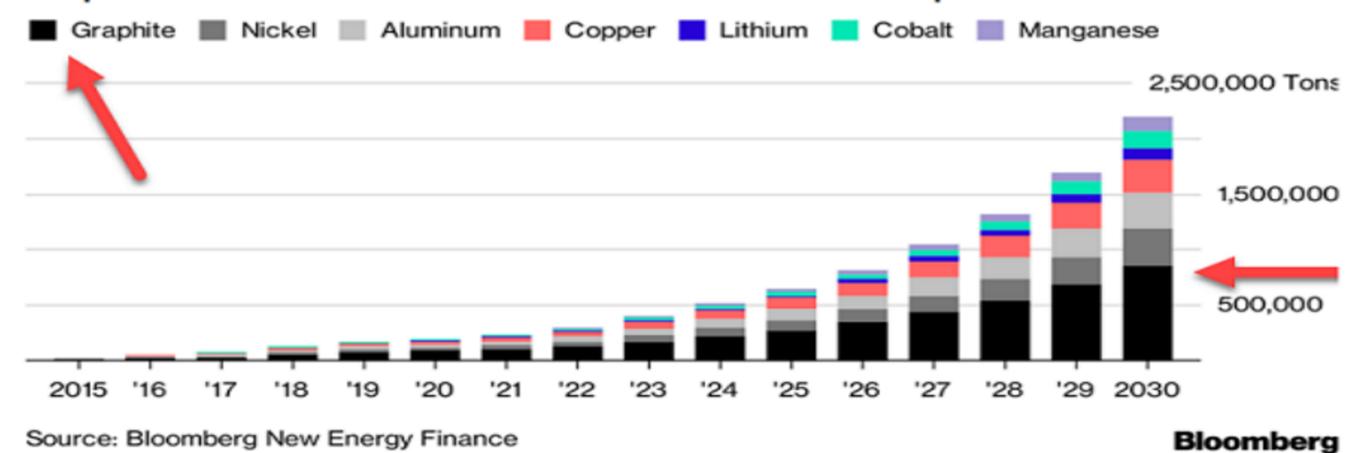
IPPENDING - WEARE IN A GROWING MARKET

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



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



IPPENDIX G - MAJOR GOVERNMENT INTEREST

USA & Europe accept Canadian battery minerals



GERMANY

Memorandums of understanding the Canadian federal government signed with two of Europe's largest automakers are unprecedented, according to the president of Canada's Automotive Parts Manufacturers' Association. On Tuesday the federal government announced it reached agreements with Volkswagen and Mercedes-Benz that would help the German automakers secure access to the critical minerals needed for electric vehicle batteries. Those critical minerals – such as lithium, nickel, cobalt, and graphite – are primarily found in parts of northern Ontario and northern Quebec. "It is absolutely unprecedented," said Flavio Volpe, president of the Automotive Parts Manufacturers' Association. He said the agreements with both companies sends a signal to other car manufacturers that northern Ontario and northern Quebec are the places to access critical minerals if they want to qualify for new electric vehicle tax credits in the U.S.

USA

A historic climate bill just passed by the U.S. Congress could have implications in entrenching Canada's role in the shift toward clean transportation. The legislation that passed last week established preferential tax treatment for electric vehicles assembled anywhere in North America. That made-in-North-America approach generated some news headlines by bringing an amicable resolution to a months-long Canada-U.S. irritant. Less noticed in the bill was a pot of money containing hundreds of millions of dollars to jump-start a new domestic industry in components for electric-vehicle batteries. The ripple effects could eventually be felt across the border, up into remote Canadian mining communities. It explicitly mentions Canada being included as a domestic source under the U.S. Defense Production Act and says that creates potential cooperation opportunities on critical minerals.

*Read full article here

^{*}Read full article here