



**First Canadian
GRAPHITE**

**ADVANCING NORTH AMERICA'S
CRITICAL MINERAL**

FIRSTCANADIANGRAPHITE.COM

TSX.V: FCI | OTC: GRAPF

May 2026

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Qualified Person: Antoine Fournier (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.

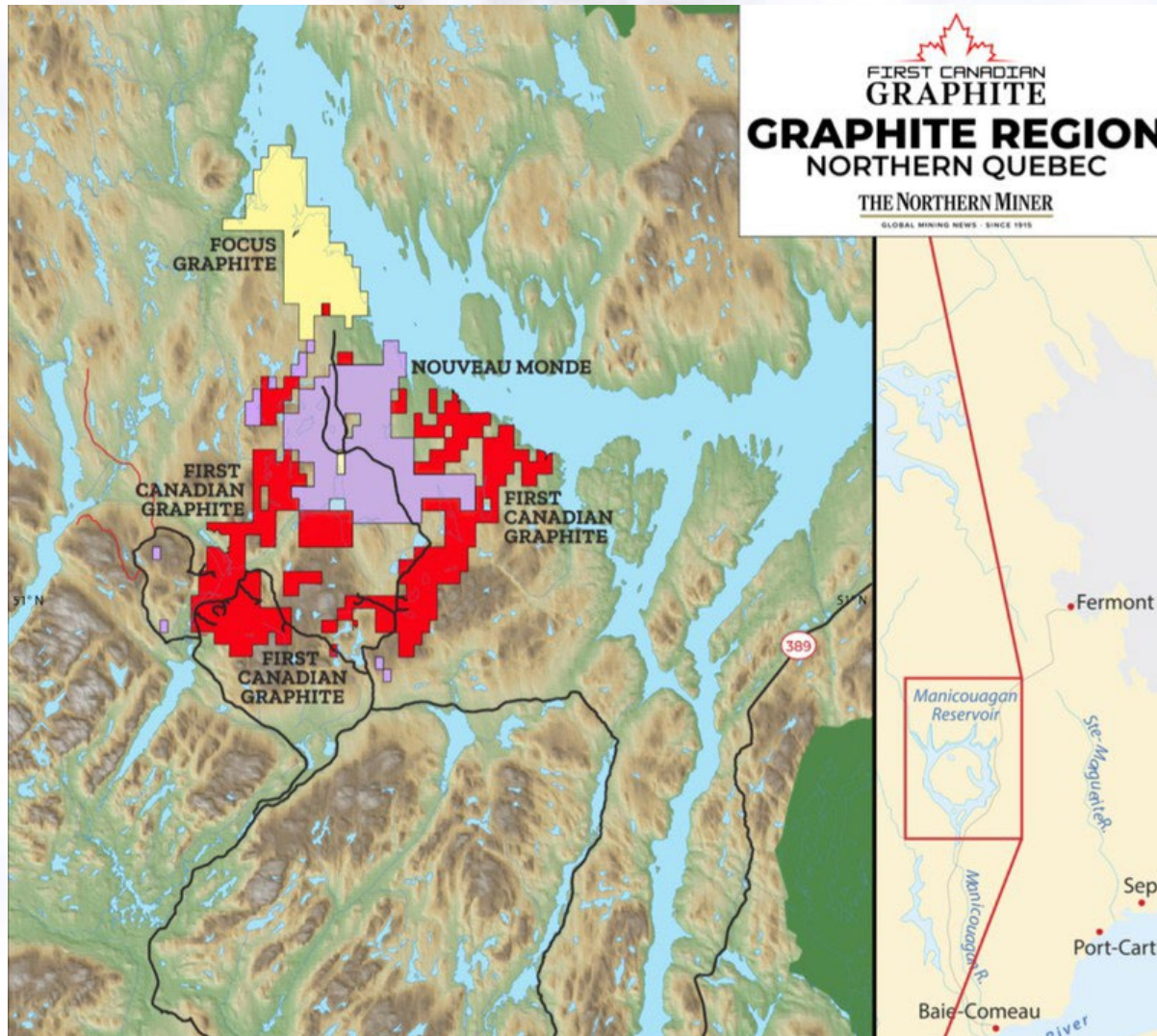


WHY FIRST CANADIAN GRAPHITE INC.

- 1. District-Scale Graphite Project totalling 16,704 ha (167.04 km²); the largest claimholder in the Tétépisca region, Quebec, Canada.**
- 2. 2026 Activity: Helicopter-borne geophysical surveys, drilling and exploration, environmental assessment and initiating a PEA**
- 3. Zone 1 hosts an NI 43-101 resource of 1.76 Mt Indicated at 17% Cg and 1.53 Mt Inferred at 16.4% Cg. (Updating in 2026).**
- 4. High-grade large and jumbo flake graphite, among the highest quality globally**
- 5. Adjacent to a \$3.6B NPV graphite project, confirming district-scale potential**
- 6. Excellent infrastructure: road access, nearby deep-sea ports, grid power**
- 7. Mining-friendly Québec jurisdiction**
- 8. Exploration program scheduled for late spring and summer 2026 for resource expansion.**



BERKWOOD GRAPHITE DISTRICT



Berkwood Graphite District

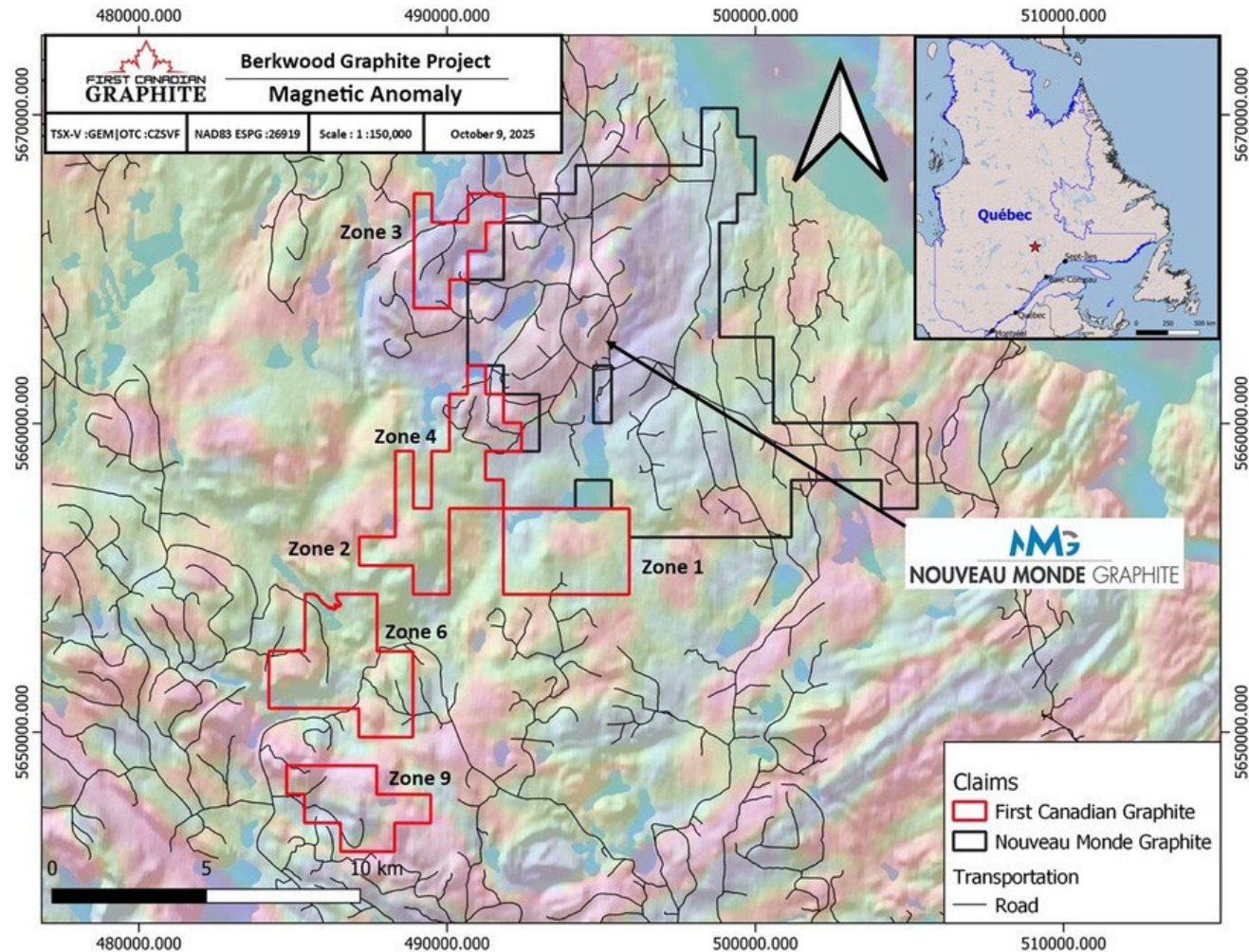
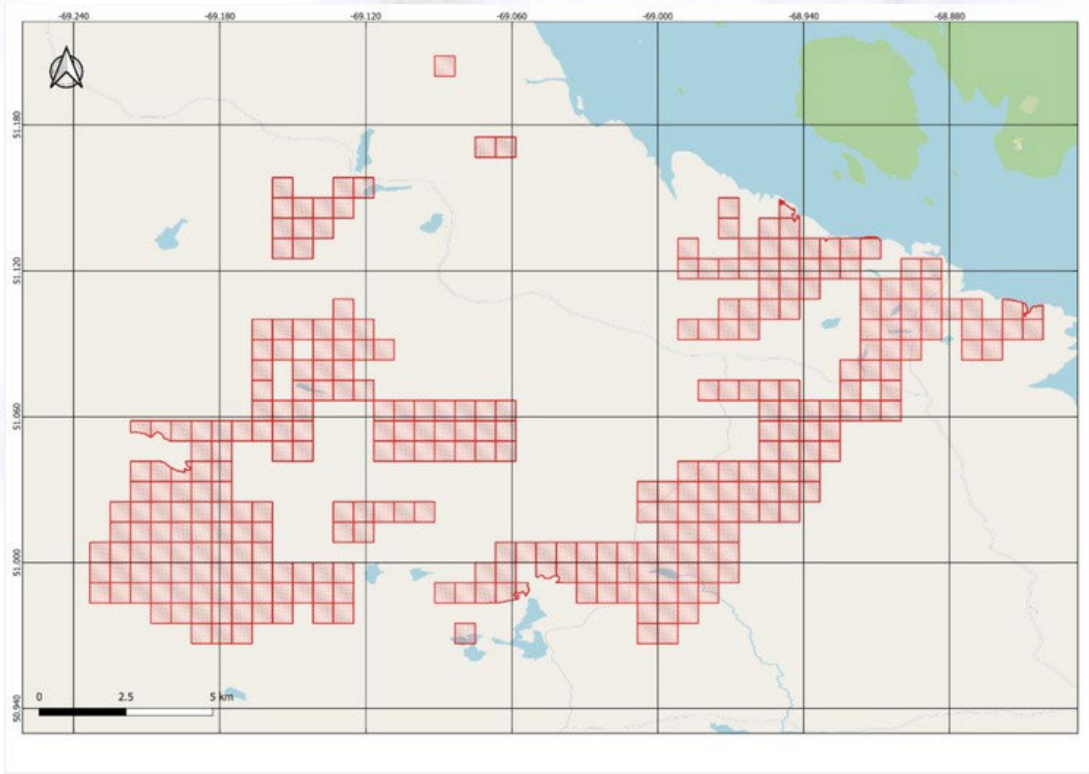
District-scale graphite project in Northern Québec covering 16,704 ha (167.04 km²), making FCI one of the largest claim holders in the Tétépisca region.

Zone 1 NI 43-101 of 1.76 million tonnes indicated at 17% Cg plus an additional 1.53 million tonnes inferred (16.4% Cg). The property has multiple other anomalies with outcropping graphite that host excellent upside potential.

The property shares claim boundaries with Nouveau Monde Graphite's \$3.6B NPV Uatnam Graphite Project, highlighting strong district-scale potential.



BERKWOOD GRAPHITE



NUMEROUS GRAPHITE OUTCROPS



**Zone 1: Outcropping
Graphite at surface**



**Zone 1: Channel sampling
Graphite at surface 20% grade.**



Zone 1: At surface graphite outcrops



Current & Future Plans 2026

Current Status:

- 12 separate zones, district package totalling 16,704 ha (167.04 km²).
- Anomalies identified on every zone with electromagnetic (EM) surveys High-grade graphite confirmed at surface; road accessible
- Six drill programs completed on two zones
- Zone 1 NI 43-101 of 1.76 million tonnes indicated at 17% Cg plus an additional 1.53 million tonnes inferred (16.4% Cg).
- 2026 Exploration and Drilling Program in planning Highly expandable resource potential



2026 Activity:

- Helicopter-borne geophysical surveys (**COMPLETE**)
- Exploration program scheduled for late spring/summer to accelerate resource expansion.
- Updated NI 43-101 resource estimate
- Environmental assessment, followed by a Preliminary Economic Assessment (PEA)



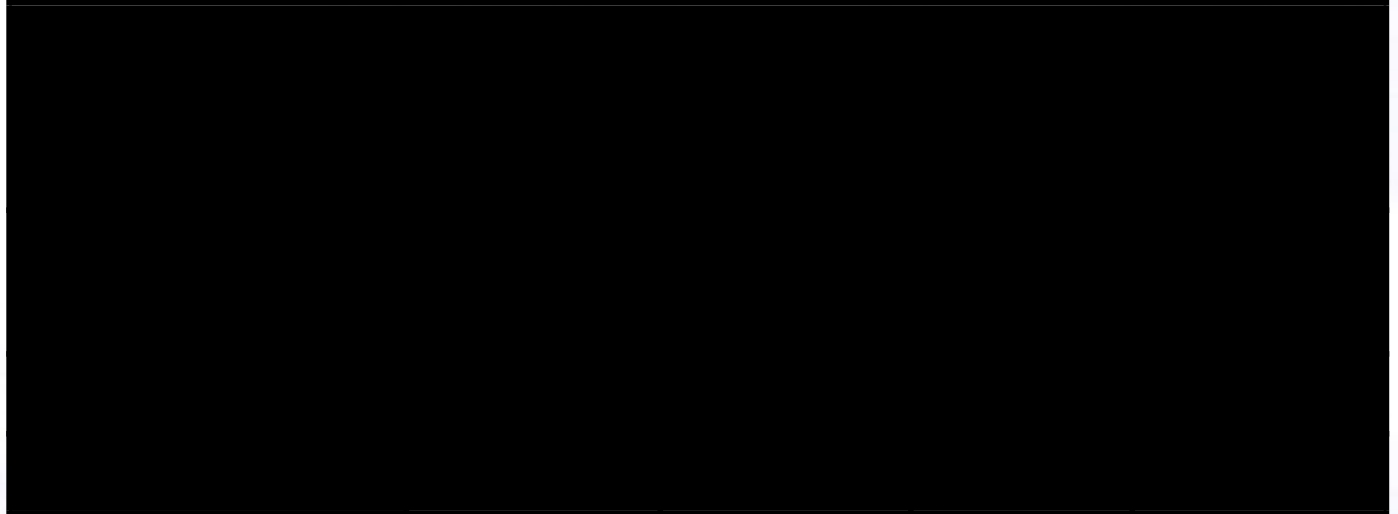


NI 43-101 Resource Estimate

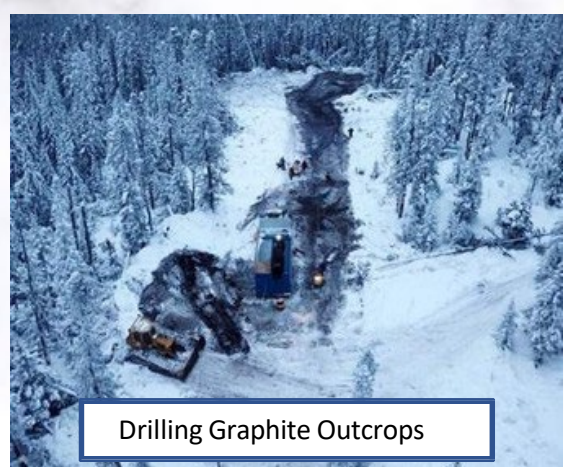


NI 43-101 Drill Results

Multiple intersections show graphite grades over 30%, with an average of around 17%, making this one of the highest grade 43-101 graphite resources in the world.



Sampling Graphite Outcrops



Drilling Graphite Outcrops



6 Drill programs core shed



Resource Estimate Reporting



Graphite Uses Ranked by Price per Tonne (Highest → Lowest)

1. Battery anode material (SPG / CSPG)

- ◆ US\$3,500–8,000+/t (processed, coated)
- ◆ Highest value use; dominates future demand growth

2. Graphene & ultra-high-purity specialty graphite

- ◆ US\$5,000–20,000+/t (small volumes)
- ◆ Niche, tech-driven, not bulk demand (yet)

3. Expandable graphite (fire retardants, insulation)

- ◆ US\$2,000–3,500/t
- ◆ Requires large + jumbo flake

4. High-end refractories & crucibles

- ◆ US\$1,500–2,500/t
- ◆ Premium industrial applications

5. Lubricants & specialty industrial uses

- ◆ US\$1,200–2,000/t

6. Carbon brushes & electrical components

- ◆ US\$1,000–1,800/t

Specialty & emerging uses

- ◆ Graphene production
- ◆ Nuclear moderators
- ◆ Water filtration
- ◆ Medical and high-tech composites

Graphite Uses Ranked by Global Demand today (Highest → Lowest)

1. Lithium-ion battery anodes

- ◆ ~50–55% of global graphite demand
- ◆ EVs, energy storage systems, consumer electronics
- ◆ Fastest-growing and most strategic use

2. Steelmaking & foundries (refractories, crucibles)

- ◆ ~30–35% of demand
- ◆ Essential for lining blast furnaces, ladles, and high-temperature applications
- ◆ Stable, long-term industrial demand

3. Expandable graphite (fire retardants & insulation)

- ◆ Used in fire-resistant building materials, foams, gaskets
- ◆ Growing due to stricter building and safety codes

4. Lubricants & greases

- ◆ Dry lubricants for machinery, automotive, aerospace
- ◆ Critical where oil-based lubricants fail (high temp, pressure)

5. Carbon brushes & electrical applications

- ◆ Motors, generators, wind turbines
- ◆ Smaller market but technically important



WE ARE IN A GROWING GRAPHITE MARKET

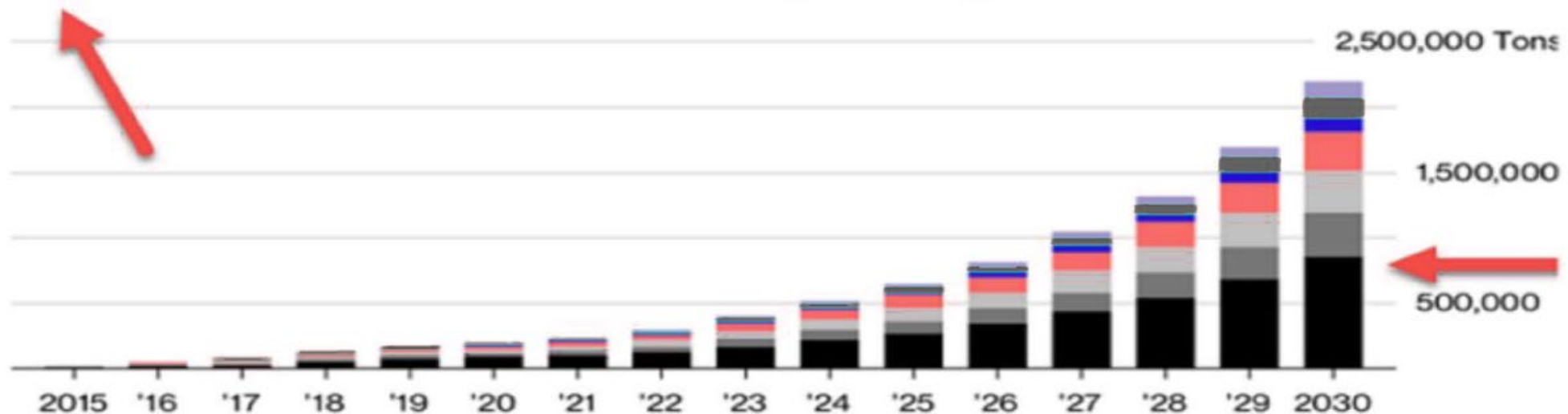
DEMAND FOR GRAPHITE IS GROWING

- 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

NEW MINES NEEDED BY 2035



	2022 Supply	2035 Demand	Average Mine/Plant Size	No. of Mines/Plants Needed
Lithium 	678,000 t	4,000,000 t 3,322,000 t needed	 45,000 t	59
Cobalt 	177,000 t	489,000 t 312,000 t needed	 5,000 t	62
Natural Graphite 	1,110,000 t	7,210,000 t 6,100,000 t needed	 56,000 t	97
Synthetic Graphite 	2,100,000 t	5,200,000 t 3,100,000 t needed	 57,000 t	52

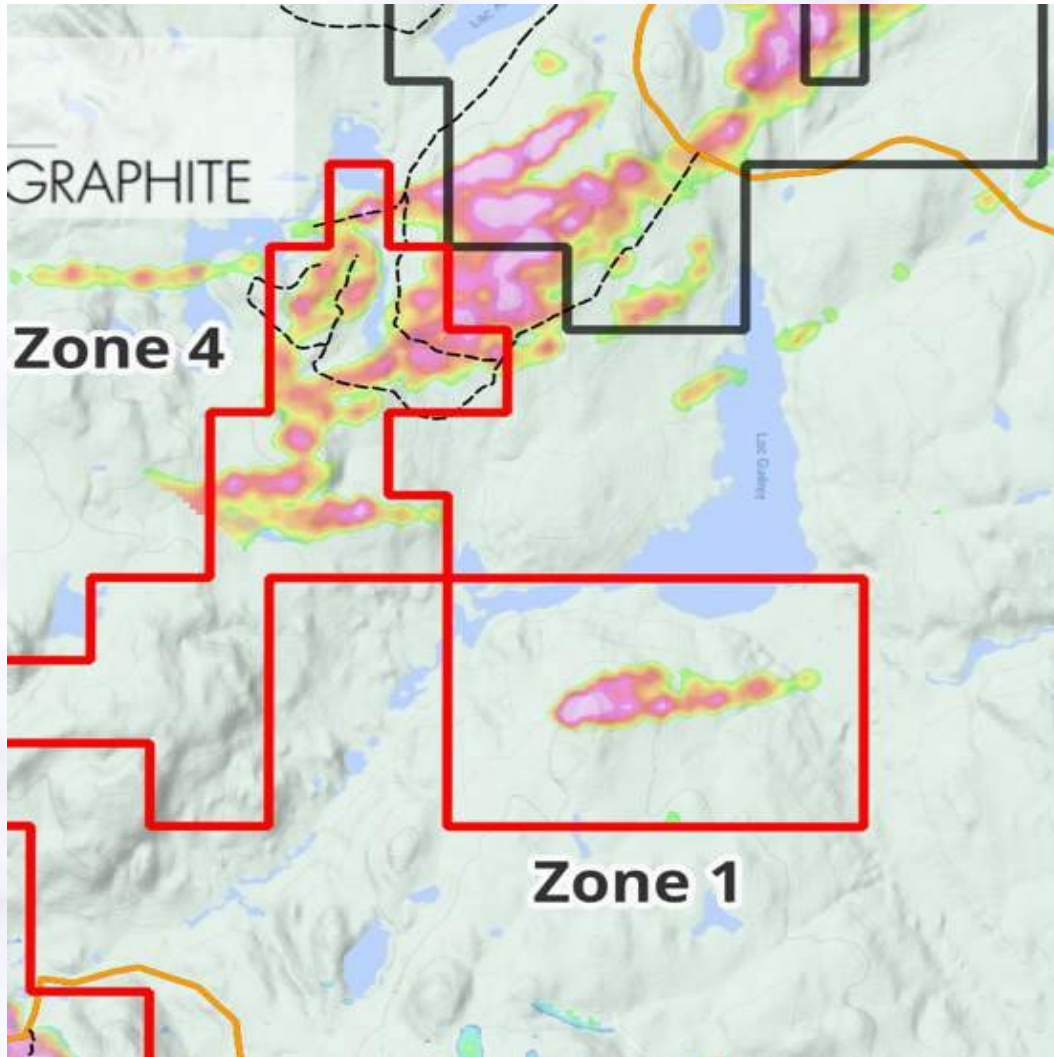
PROJECTED DEMAND REQUIRES

97

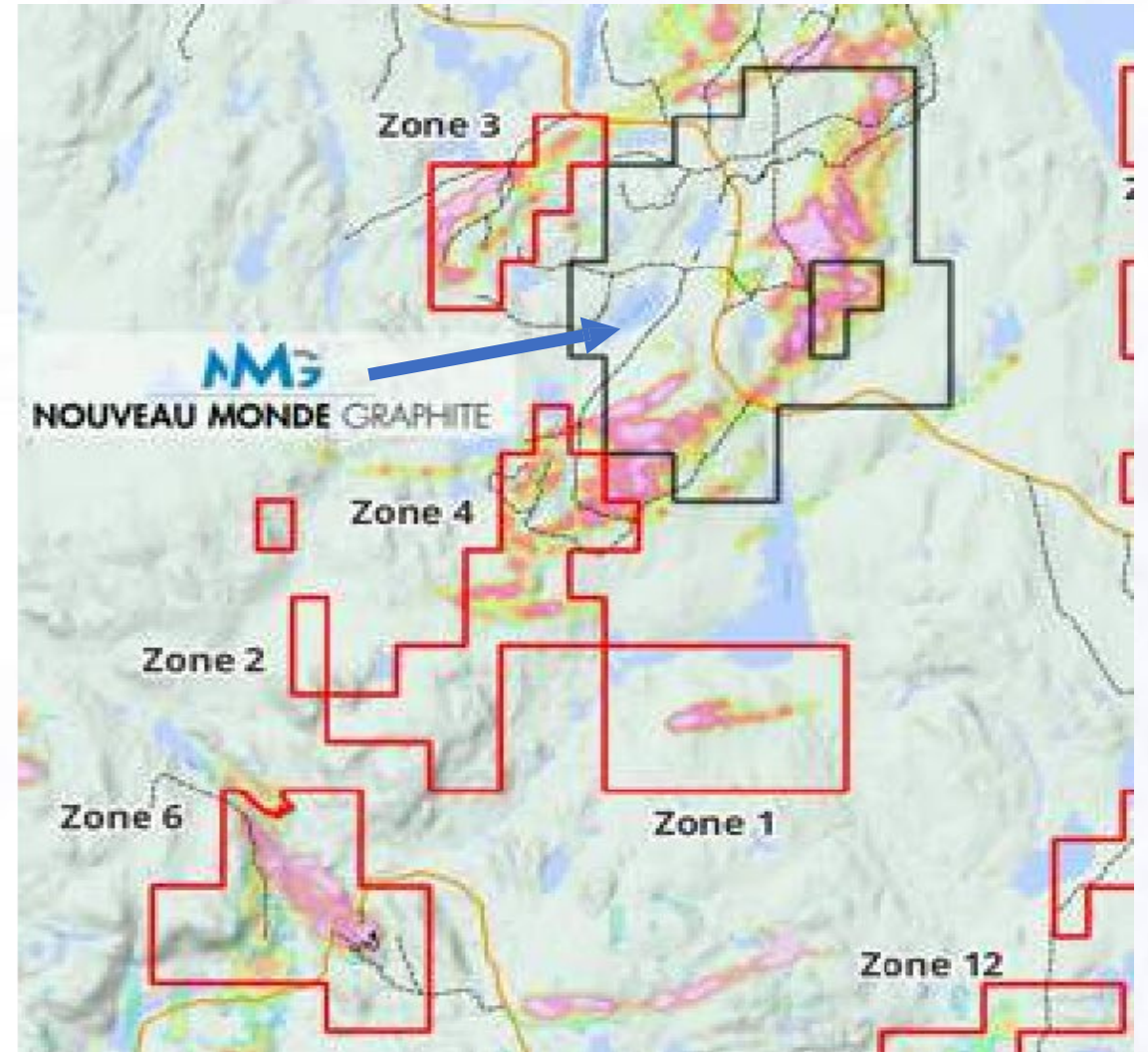
NEW GRAPHITE Mines needed by 2035 to meet the demand for battery anode materials

*Source: Benchmark Mineral Intelligence





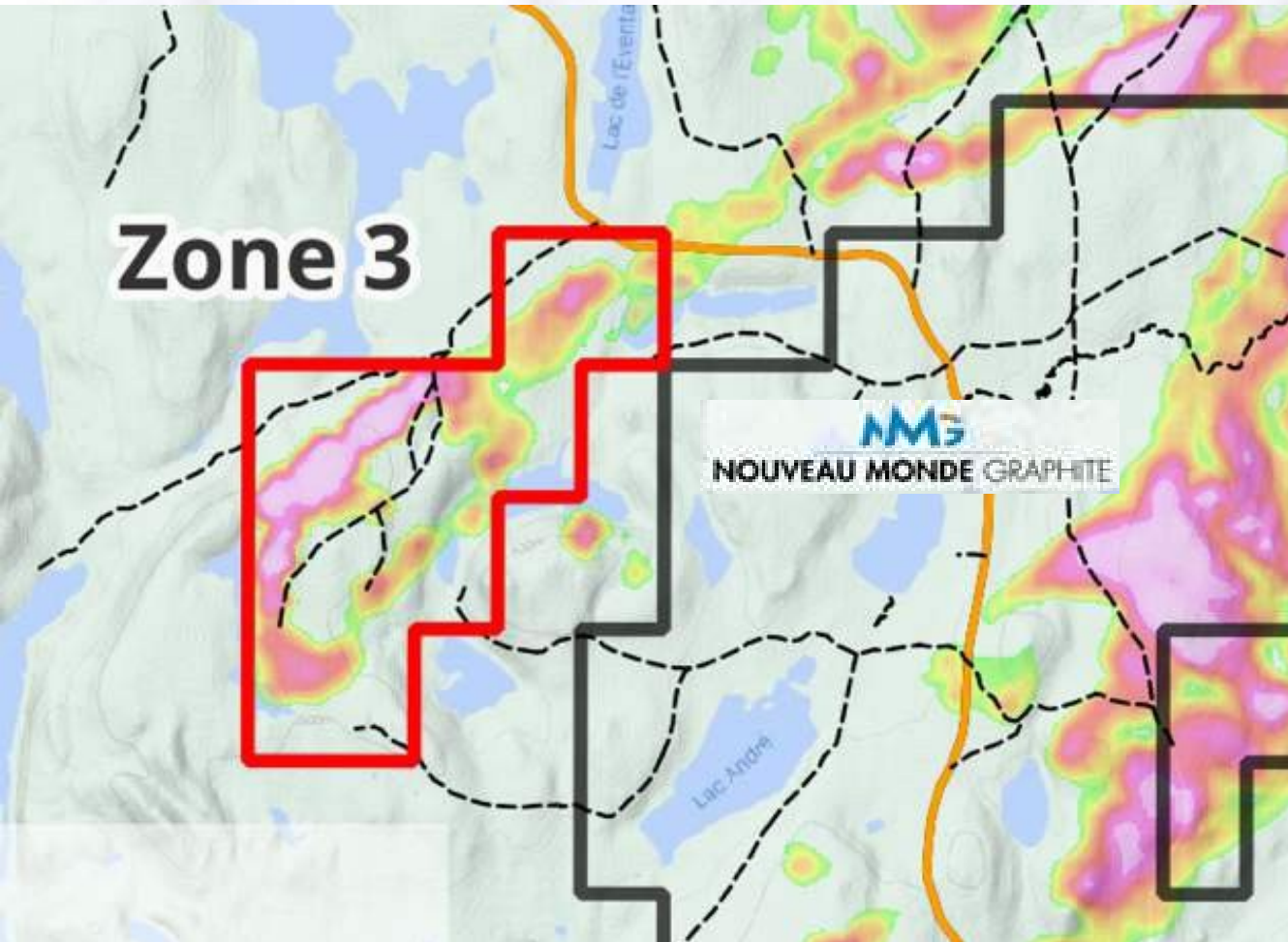
Each of the pink areas is a geophysical anomaly containing graphite. To date, Zone 1 has a proven 1.76 mt of indicated at 17% and 1.53 mt inferred at 16.4% resource estimate. The property has multiple other anomalies.



11 other zones that all contain geophysical anomalies already tested and proven to contain outcropping graphite. Most of these zones just need drilling which should easily expand the resource. These zones are all road accessible and drill ready. Zone 6 and 3 have historical drill data.



Substantial upside: 10 additional anomalies ready for exploration with high-grade graphite sampled.



Zone 3 Property - 2026 Milestones:

- **Execute multi-zone drilling program across priority targets**
- **Deliver an updated NI 43-101 mineral resource estimate**
- **Advance environmental baseline studies**
- **Complete a Preliminary Economic Assessment (PEA)**





High Quality Large to Jumbo Flake Graphite



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 Coarse	20 x 50	39.5	97.6
Coarse	50 x 100	50.0	98.0
Fine	100 x 200	10.4	98.0
	Total	100.0	97.8

Average Distribution of Graphite

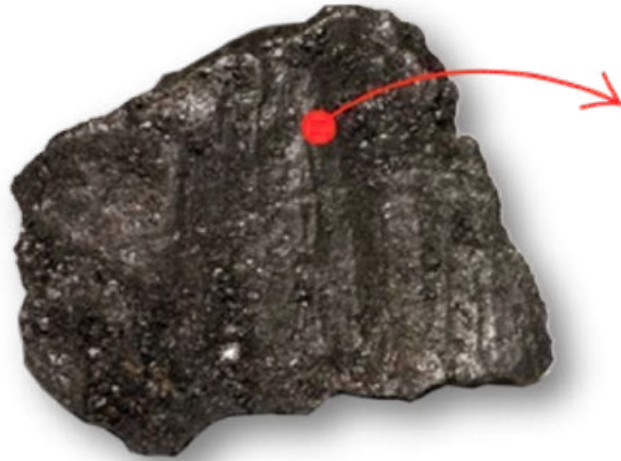
Size Range	Medium Cgr (6.81% - 15%)	High Cgr (15% - 35+%)
20 to 50 Mesh (Jumbo Flake)	51.30%	47.10%
50 to 100 Mesh (Large Flake)	28.70%	21.50%
Less than 100 Mesh (other)	20.10%	31.40%



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



HIGH QUALITY = PREMIUM PRICE



FCI's resource shows predominantly large and jumbo size flakes making this one of the most versatile graphite properties

Our Graphite = High End Quality

- **Natural:** Better 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 the life of batteries
- **Easily Expandable:** Increases uses and value per tonne

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



CONTACT

Montreal Office

Suite 2200 –1250 René Levesque Blvd.

Montreal, QC Canada H3B 4W8

Phone: (438) 469-0705

Vancouver Office

Suite 1100 –1111 Melville Street

Vancouver, B.C. V6E-3V6

Phone: (604) 343-7740



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firstcanadiangraphite.com