



Disclaimer

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Forward-looking statements are based on the then-current expectations, beliefs, assumptions, estimates and forecasts about the business and the markets in which the Company operates, including that: the current price of and demand for minerals being targeted by the Company will be sustained or will improve; the Company's current exploration programs and objectives can be achieved; the Company will not experience any material accident, labour dispute or equipment failure; financing will be available if and when needed on reasonable terms; and the Company will be able to identify and acquire additional mineral interests on reasonable terms or at all. Investors are cautioned that all forward-looking statements involve risks and uncertainties, including: that the Company has a limited operating history; that resource exploration and development is a speculative business; that the Company may lose or abandon its property interests; that the Company's properties are in the exploration stage and without known bodies of commercial ore; that the Company may not be able to obtain all necessary permits and approvals on any of its properties; that environmental laws and regulations may become more onerous; that the Company may not be able to raise additional funds when necessary; potential defects in title to the Company's properties; fluctuations in currency exchange rates; changes in tax or royalty rates; operating hazards and risks; potential inability to find suitable acquisition opportunities and/or complete the same and other factors listed in the Company's public filings, including its Management's Discussion and Analysis, a copy of which is available under Graphano's profile at www.sedar.com.

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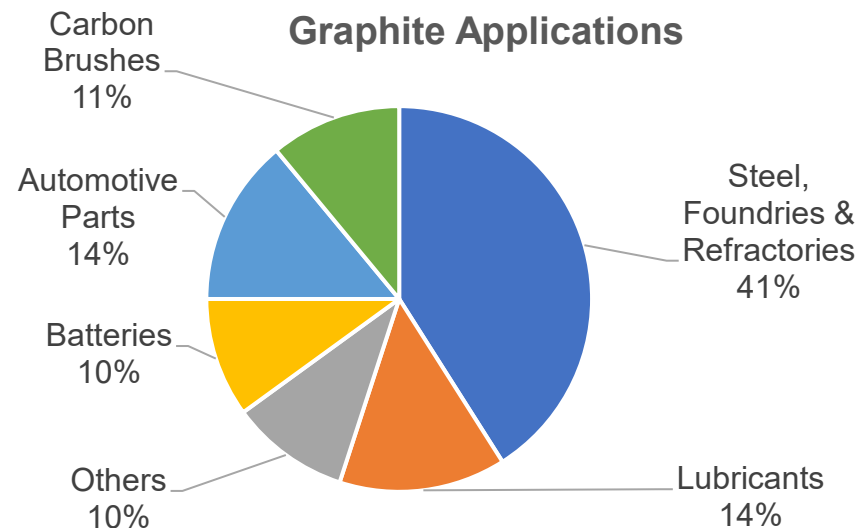
The Value Proposition

- **Great Infrastructure** – The Lac Aux Bouleaux (LAB) deposit is adjacent to the only graphite mine – Lac-des-Iles (LDI) – in North America and has readily available power and transport infrastructure.
 - The only resource-stage project **next to the only graphite plant in North America**
- **Focus on near term production** – Given the high purity and near surface resource at LAB and Standard projects, and the available infrastructure, the projects are being fast-tracked to production
 - Graphano has a development and production agreement with Northern Graphite the owner of LDI plant
- **Great Upside** – Recently listed company with fast growth potential, Graphano offers high stock upside potential to investor
- **Geopolitical Tensions** – U.S. tariffs on Chinese graphite is creating a pricing floor and urgent need for local supply. The U.S. is 100% import dependent on natural graphite



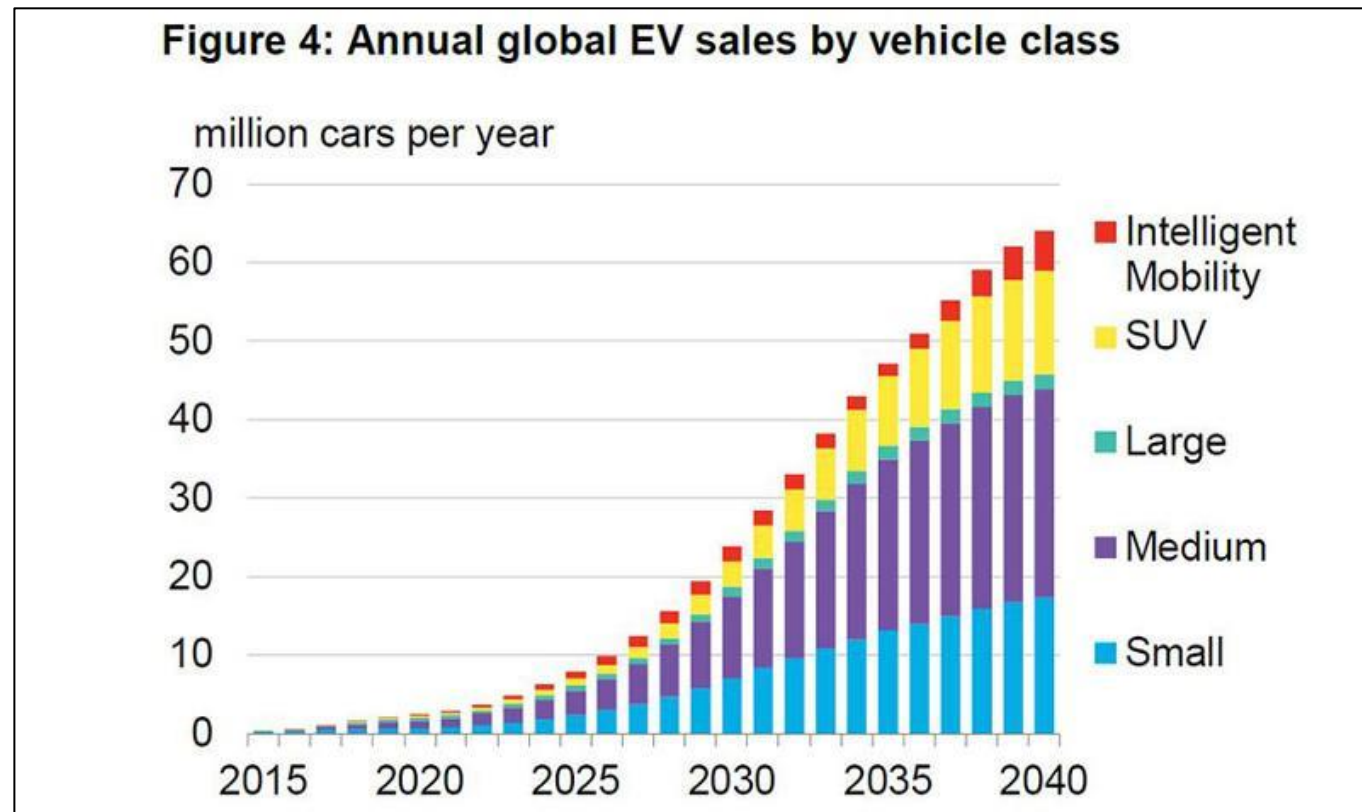
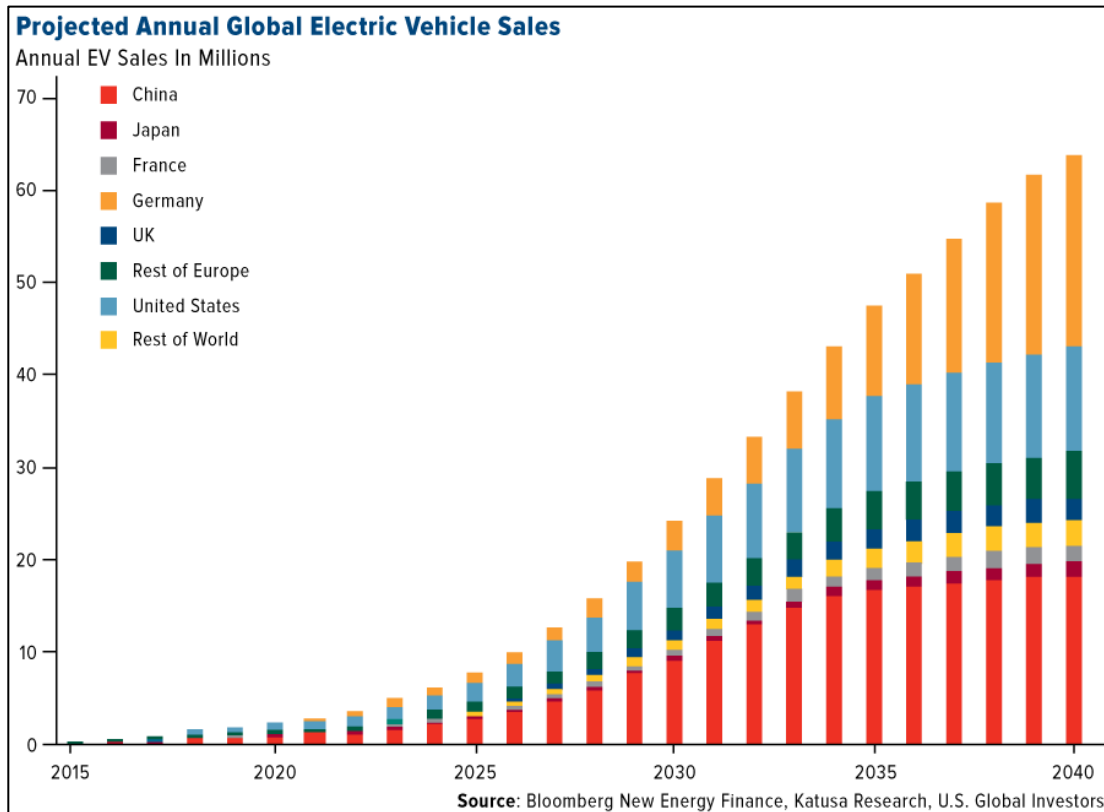
About Graphite

- High melting point material essential to the refractory industry
- Good conductor of electricity used as an anode material, e.g., batteries
- Soft and slippery material used in pencils and as a dry lubricant
- China accounted for **~80%** of natural graphite production in 2024



EVs are Here to Stay

The EV Revolution is Driving Dramatic Demand for Electric Minerals
As Graphite is the Main Anode Material for EV Batteries, Demand is Expected to Increase Significantly



Graphite Demand for EVs

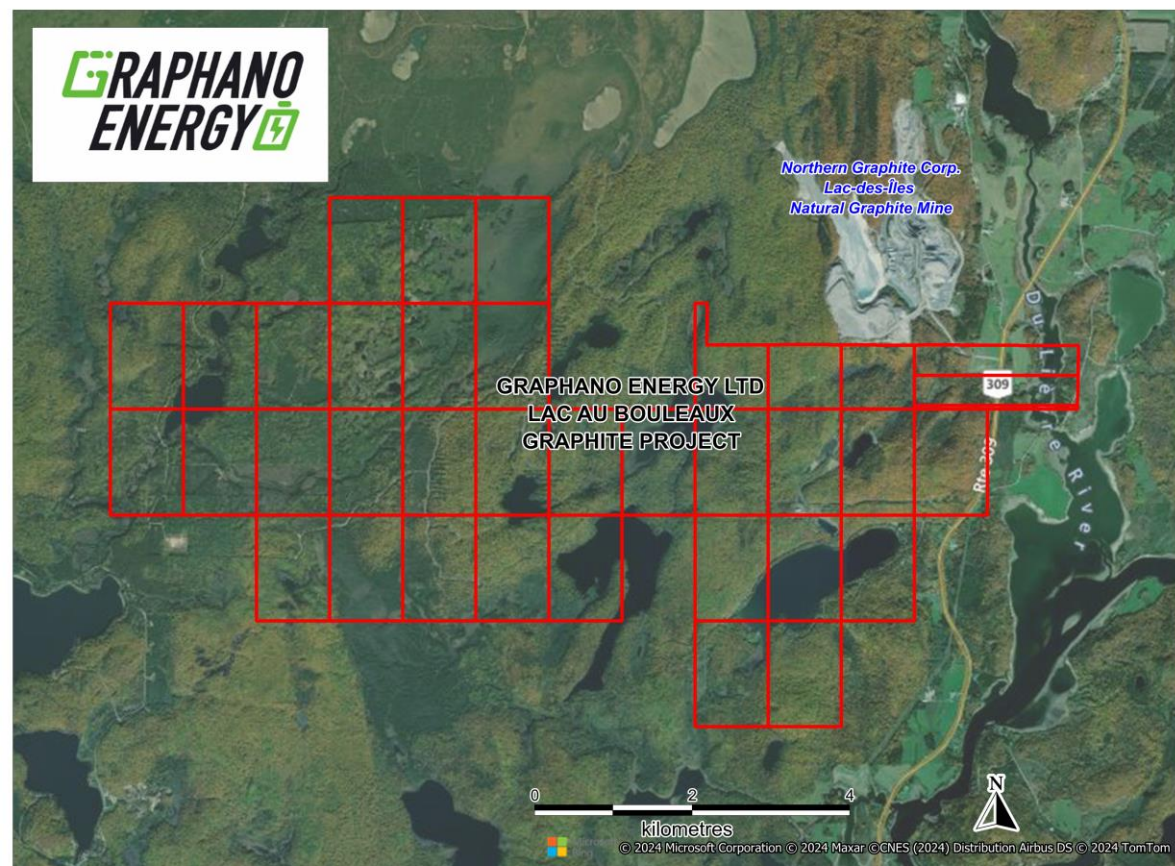
- Total current production of natural graphite is **1.6 million tonnes**⁽¹⁾
- Graphite demand for EV batteries alone could increase to **5 million tonnes**, opening the opportunity for dozens of new graphite mines to open in the next 5 to 10 years

Number of Gigafactories needed worldwide (for cars)					Graphite Demand ~5 million tonnes per year ⁽²⁾ .
Gigafactory output	Car battery size	Factory car output	Number of vehicles needed	Number of Gigafactories	
20 GWh/yr	70 kWh	286,000	71 Million	249	
35 GWh/yr	70 kWh	500,000	71 Million	142	
105 GWh/yr	70 kWh	1.5 Million	71 Million	48	
150 GWh/yr	70 kWh	2.1 Million	71 Million	34	

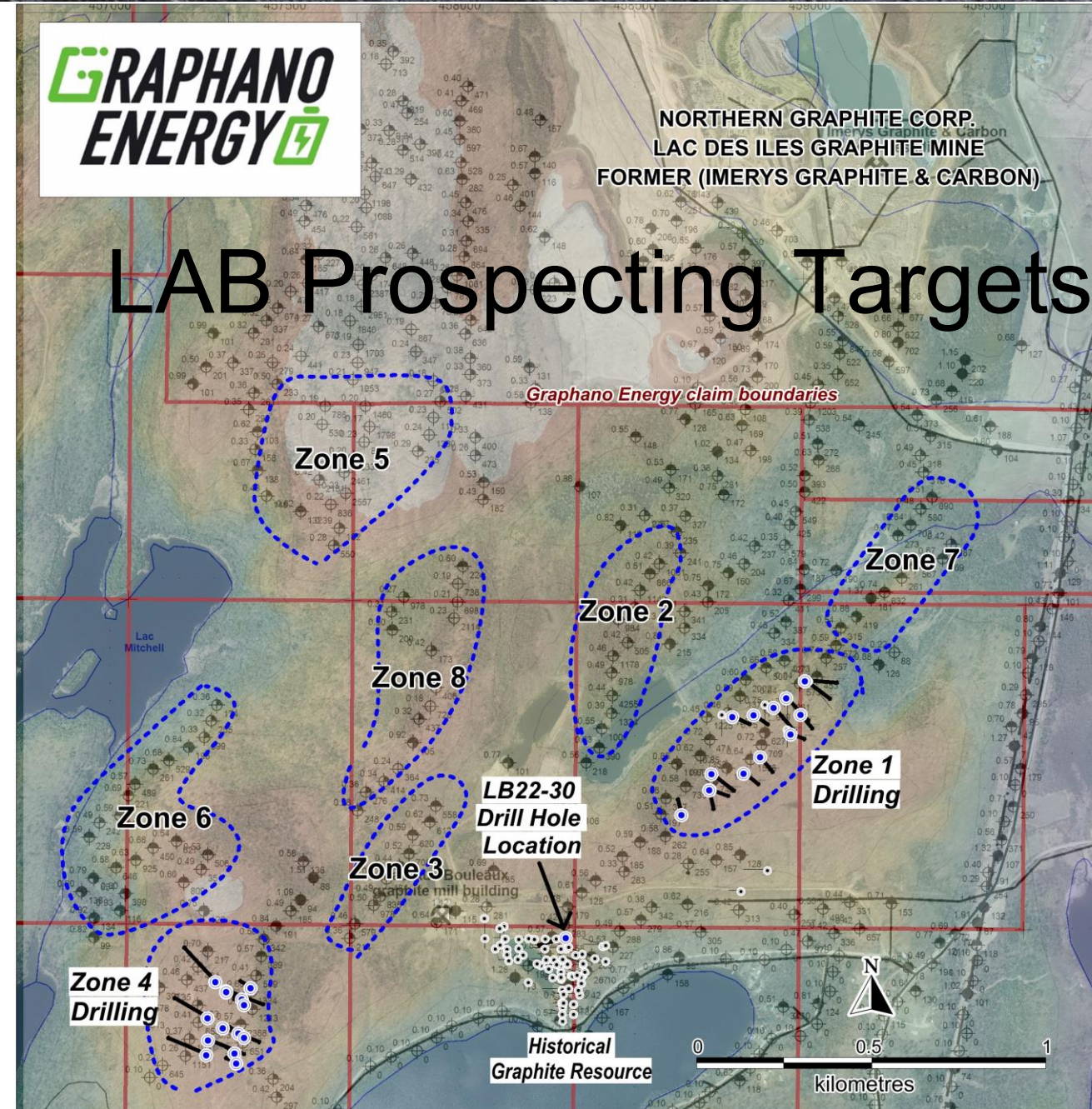
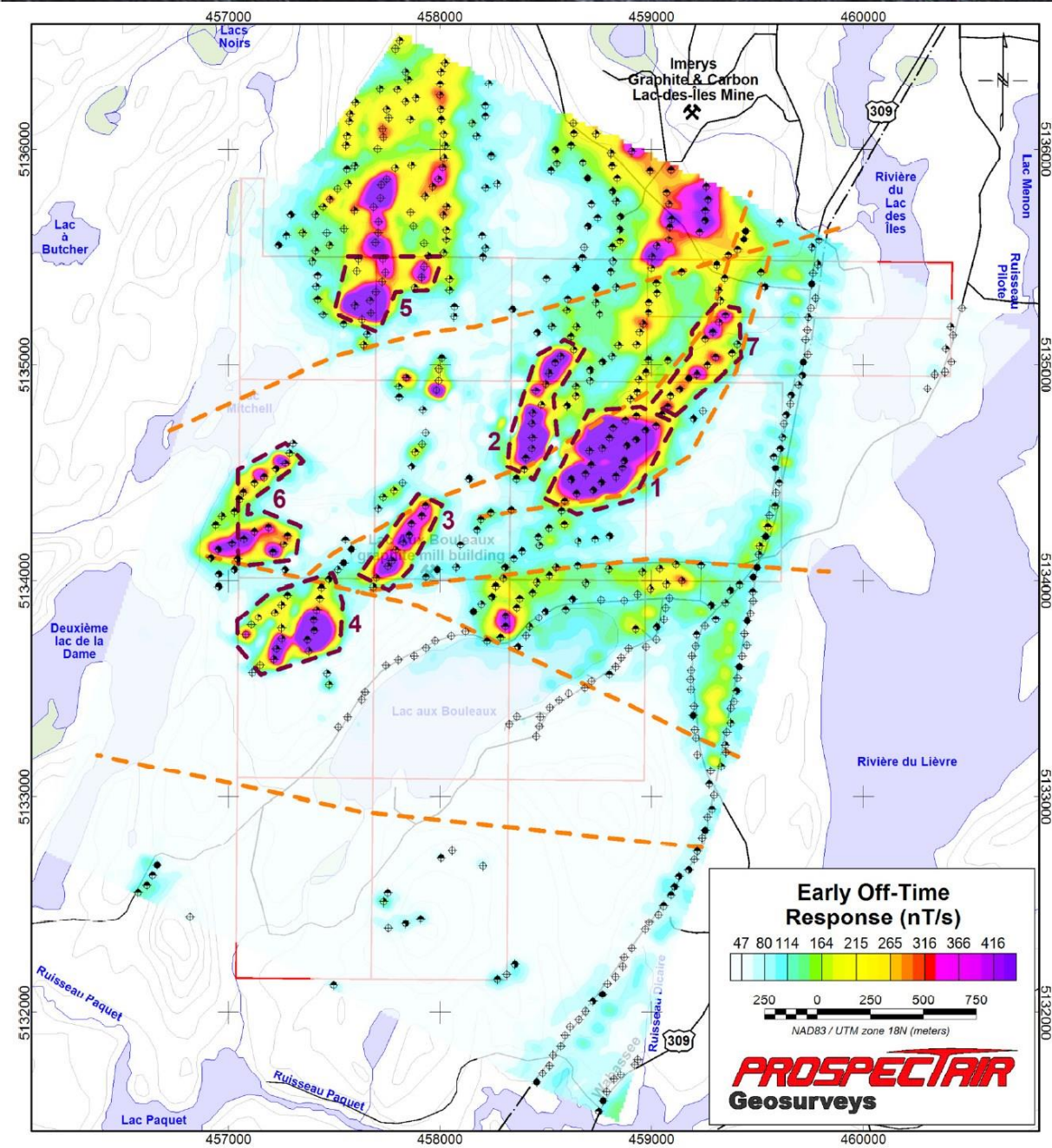
(1) USGS 2024 (2) CleanTechnica

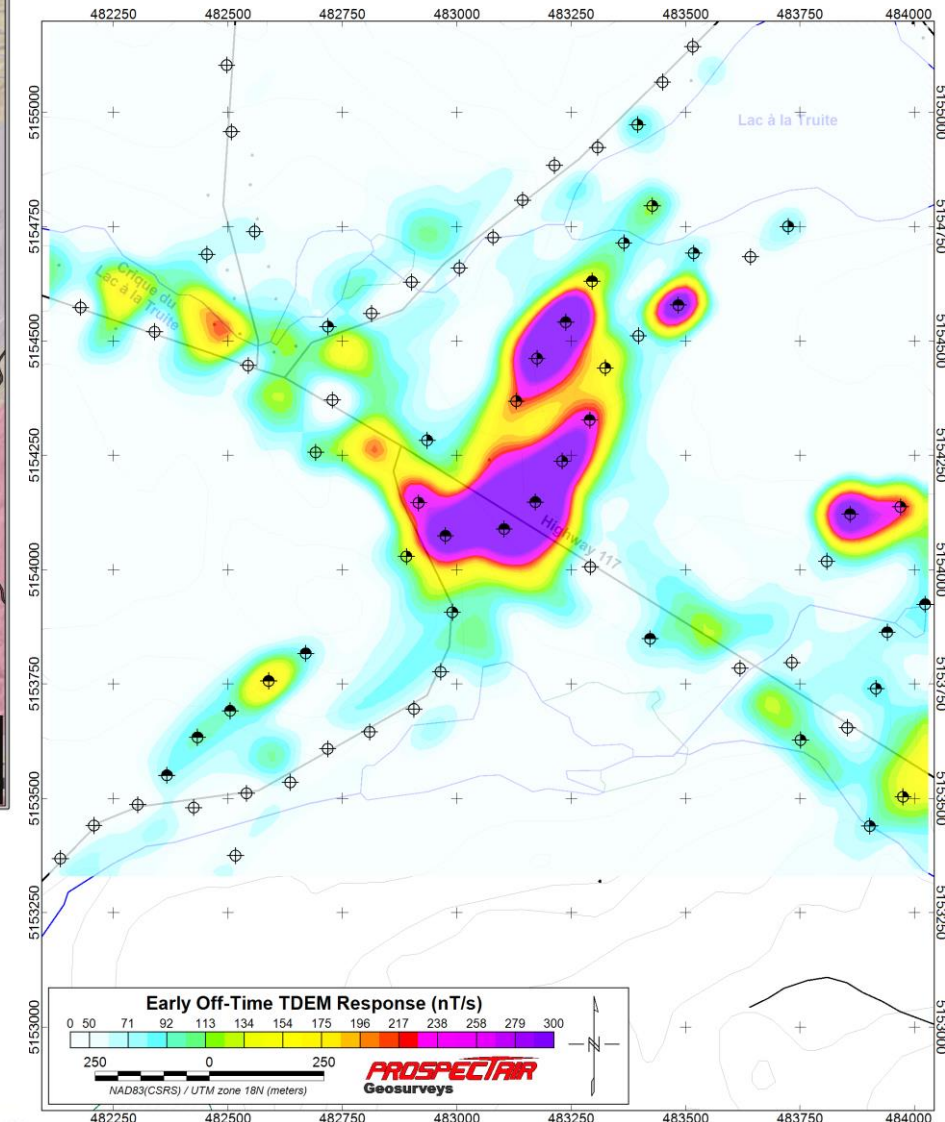
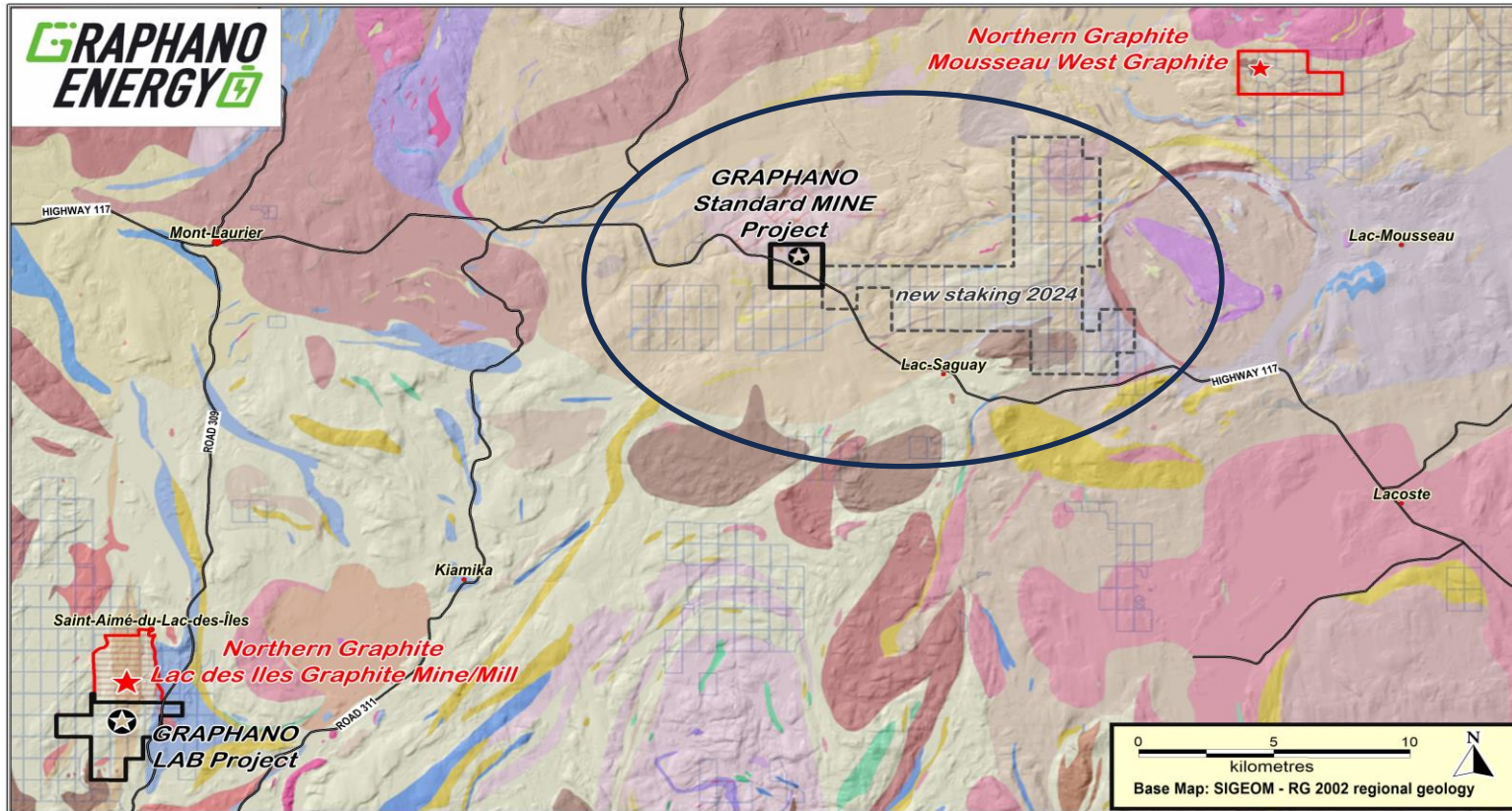
Geopolitical Pressures

- **Import costs:** U.S. tariffs make Chinese graphite uncompetitive, opening opportunity for new suppliers
- **Higher prices:** Combined tariffs on Chinese graphite exceed 160%, creating a pricing floor and urgent need for domestic supply
- **Canada's Fast-Track Permitting:** Federal timelines reduced to **2 years or less** for projects of national interest
- **Critical Minerals Strategy:** Policy, tax, and indigenous partnership support to expand Canada's critical materials sector

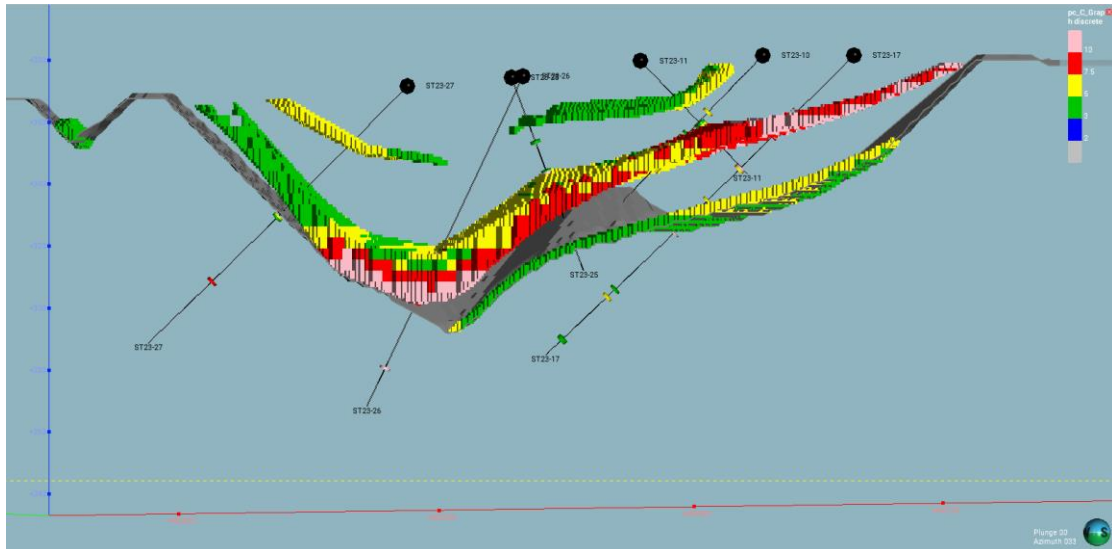
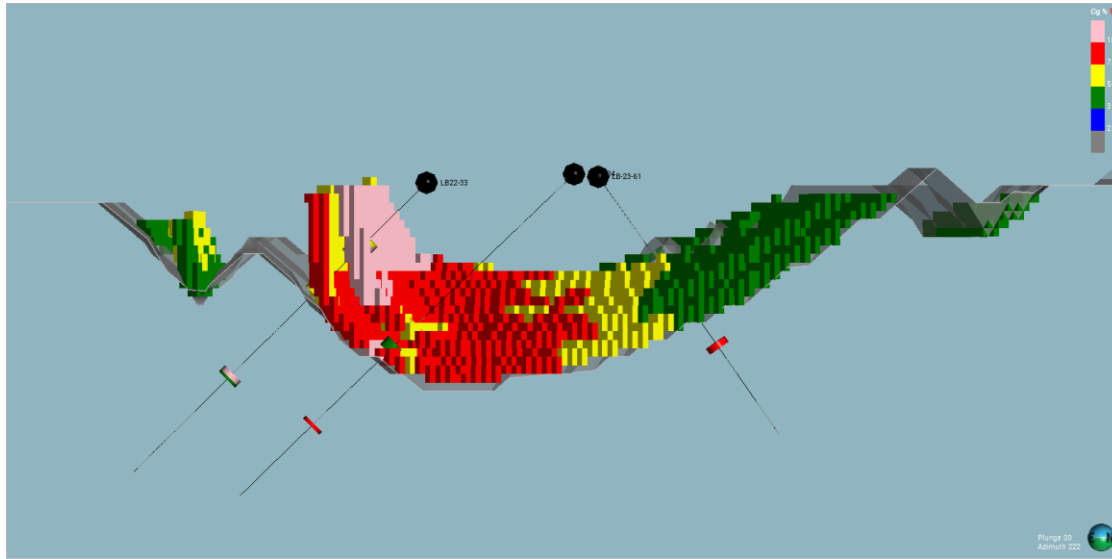


- Infrastructure is excellent with road access and electrical power on site
- High grade, near surface resource
- The property contiguous to Northern Graphite Lac-des-Iles graphite mine and near the processing plant
- Potential for near-term production
- Agreement with Processor (Northern Graphite)





- Graphano has 79 claims east of the historical Standard mine, for a total 4,265 hectares
- High grade near surface resource
- Economic proximity to LDI plant

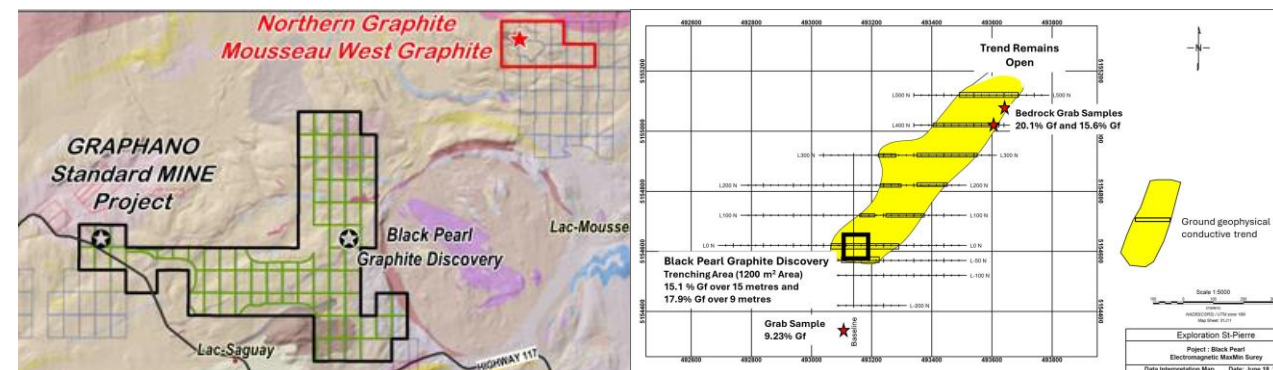


Property	Zone	Category	Tonnes	Cg (%)
LAB	Pit Zone	Indicated	250,000	8.96
		Inferred	100,000	7.28
	Zone 1	Indicated	70,000	5.92
		Inferred	120,000	5.81
	Zone 3	Indicated	370,000	7.76
		Inferred	380,000	6.89
Standard	Standard	Indicated	950,000	6.27
		Inferred	980,000	7.16
Total		Indicated	1,640,000	7.00
		Inferred	1,580,000	7.00

	Category	Cut-off	Tonnes	Cg (%)	Contained Cg (t)
Total	Indicated	3.00%	1,640,000	7.00	115,000
	Inferred	3.00%	1,580,000	7.00	111,000

Black Pearl Discovery Highlights

- **Survey Coverage:** The Black Pearl graphite trend is 300m wide, with an approximate strike length of 1,200m and remains open
- **42 channel samples:** Were collected within ~1,200 m² stripped bedrock area. Averaged 13.2% graphitic carbon (Cg)
- **High Grade Samples:** Channel sample results include 15.1% Cg over 14 metres and 17.9% Cg over 9 m. And trenches 700 metres northeast returned grades of 20.1% Cg and 15.6% Cg
- **Vast Unexplored Area:** The discovery area, and the remainder of the claim group remain unexplored



Lac Aux Beauleaux Results:

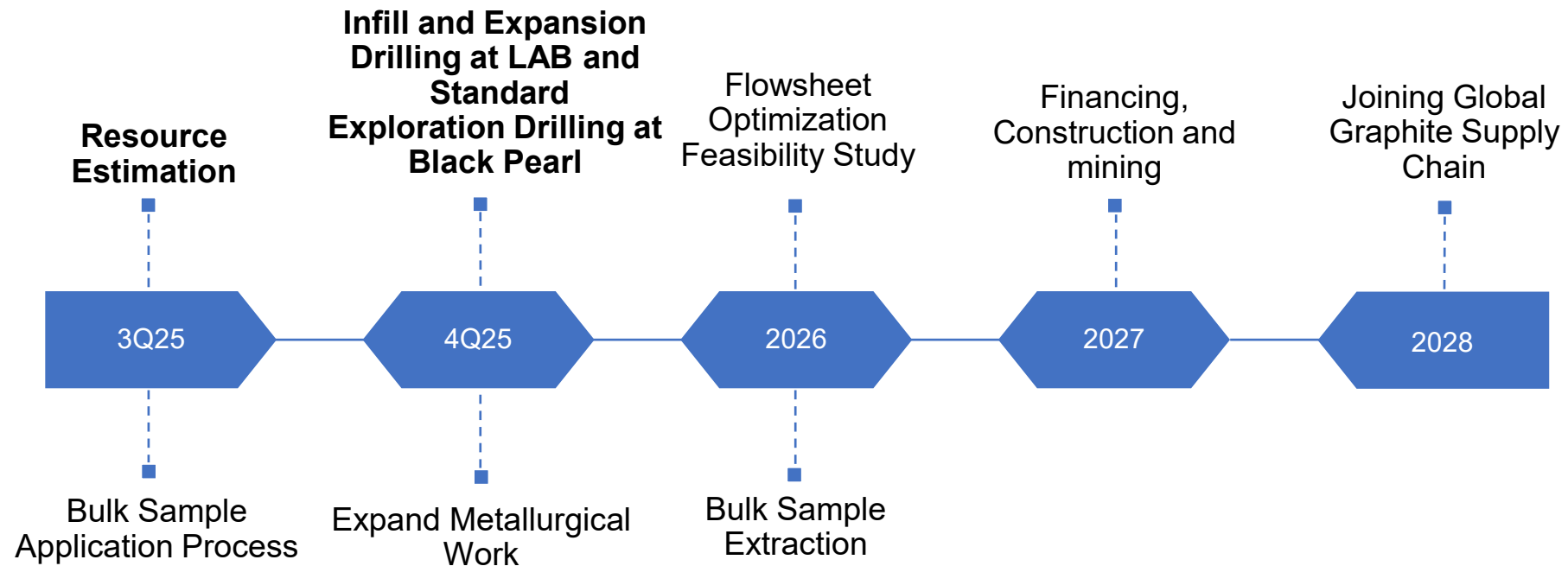
- Several samples from different zones were tested
- Best results yielded a concentrate grade of 95% Cg,
- Open circuit graphite recovery of 70%, close circuit projected to yield recoveries of 90% or higher.
- Additional grinding/cleaning stage, should yield >96% Cg at recoveries of least 90 % under closed-loop.

Standard Mine Results:

- Graphite concentrate grading 94% Cg was produced, at 93% recovery rate.
- Optimization tests are expected to lead to even higher grades and recoveries.



Project Development Timeline



Management Team and Directors

Luisa Moreno, Ph.D., CEO - Dr. Luisa Moreno is the President and Chief Executive Officer of Graphano Energy Ltd. She is also the Managing Director of Tahuti Global Inc. In her diverse roles, Dr. Moreno serves on the boards of several companies developing strategic minerals and pioneering green technologies. Her expertise extends to strategic consulting where she works with government institutions focused on mineral development, value addition, and supply chain enhancements.

Jay Richardson, CFO - James A. (Jay) Richardson is a Canadian Chartered Accountant. He has practiced as a Partner in major firms like KPMG, prior to establishing his own practice. Specializing in interim management in troubled situations, he has served as the CEO or Chairman of listed public companies in many occasions and in many other CFO and private company situations. He has extensive public company governance experience from over a fifteen Board, and he is extensively active in charitable and community events.

Roger Dahn, Director - Mr. Dahn has over 30 years experience in the mining and exploration industry. His experience includes 2 decades as a exploration geologist of major mining companies. Mr. Dahn has been involved with a number of base metal and gold discoveries which advanced to development stage and production. Mr. Dahn is a registered professional geologist and Qualified Person as defined by National Instrument 43-101.

Nathan Rotstein, Director - Mr. Rotstein has over 45 years of experience in the financial markets. He has consulted with numerous companies in the energy metals sectors including but not limited to cobalt, manganese, graphite and lithium. Nathan also has an extensive global network comprising international funds and high net worth individuals.

Martin Kepman, Director - Martin Kepman and Associates Inc, founded in 1982, is a business development and management consulting firm owned and operated by its president Martin Kepman. Martin, in his 34 years of consulting experience, has consulted on a wide range of projects, in multiple industries ranging from software, soft goods, printing, food to mining. Martin is also the CEO of the junior mining company Manganese X.

Financial Details and Contact

Number of Shares	17,088,268
Options	1.5 million
Warrants	13,208,948
Shares fully diluted	31,747,216
Cash	\$0.7 million
Market cap	\$3.0 million

August 2024

Luisa Moreno, President an CEO

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