



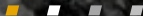
# Developing Graphite Resources for the Emerging Electric Vehicle Market

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Each Electric Vehicle Battery Requires 50 to 100 KILOGRAMS of Graphite  
About 75% of Current Global Graphite Production Comes from China

E-Power is Focused on Developing Graphite Resources in Québec

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March 1, 2025

# Forward Looking Statements

This presentation contains forward looking statements concerning future operations of E-Power Resources Inc. (the "Company"). All forward-looking statements concerning the Company's future plans and operations, including management's assessment of the Company's project expectations *or* beliefs may be subject to certain assumptions, risks and uncertainties beyond the Company's control. Investors are cautioned that any such statements are not guarantees of future performance and that actual performance and exploration and financial results may differ materially from any estimates *or* projections.

Such statements include, among others: possible variations in mineralization, grade *or* recovery rates; actual results of current exploration activities; actual results of reclamation activities; conclusions of future economic evaluations; changes in project parameters as plans continue to be refined; failure of equipment or processes to operate as anticipated; accidents and other risks of the mining industry; delays and other risks related to construction activities and operations; timing and receipt of regulatory approvals of operations; the ability of the Company and other relevant parties to satisfy regulatory requirements; the availability of financing *for* proposed transactions, programs and working capital requirements on reasonable terms; the ability of third party service providers to deliver services on reasonable terms and in a timely manner; market conditions and general business, economic, competitive, political and social conditions.

It is important to note that the information provided in this presentation is preliminary in nature. There is no certainty that a potential mine will be realized.

## Qualified Persons

The technical content in this document has been reviewed and approved by VP Exploration and Director of E-Power Resources Inc. Mr. Jamie Lavigne, P. Geo., who is a Qualified Person as defined by National Instrument 43-101, Standards of Disclosure for Mineral Projects.

# Welcome

E-Power Resources (EPR.CN) was formed in 2018 to seize a link in the battery supply chain. Electric vehicle manufacturing is exploding, while gigafactories are being built in Europe and North America. Raw materials will be necessary to fuel this manufacturing.

The management and shareholders of E-Power researched the supply and demand situation of each component of electric vehicle batteries. While everyone is talking about lithium, and more recently nickel, graphite is the largest component of electric vehicle batteries forming the anode side. There are no known substitutes. Most graphite is consumed by industries other than the electric vehicle industry.



**Graphite Drill  
Intersection from the  
Tetepisca Property**



**Graphite Channel  
Sampling on the  
Tetepisca Property**

## Three Reasons to Buy

1. Exponential graphite demand growth due to the surging global EV market, its essentialness to the defence industry and industrial self-sufficiency
2. Flagship high-quality graphite property located close to infrastructure in a safe and stable jurisdiction
3. Tightly held share structure with strong insider ownership



## About Flake Graphite

Flake graphite occurs as isolated, flat, plate-like particles with either hexagonal or angular edges. It is found in metamorphic rocks — such as marble, gneiss and schist — and is distributed uniformly throughout an orebody or in concentrated, lens-shaped pockets. Today, flake graphite is one of most desirable types of graphite, largely due to its applications in the auto industry.

To provide an example, a single battery used in a Nissan Leaf requires 55 kg of graphite. This graphite is going to have to come from somewhere. It can be produced synthetically using by-products from oil refineries and applying extreme heat, but this is very expensive and has a huge environmental impact.



Flake graphite is a key component of the lithium-ion batteries used in electric vehicles.

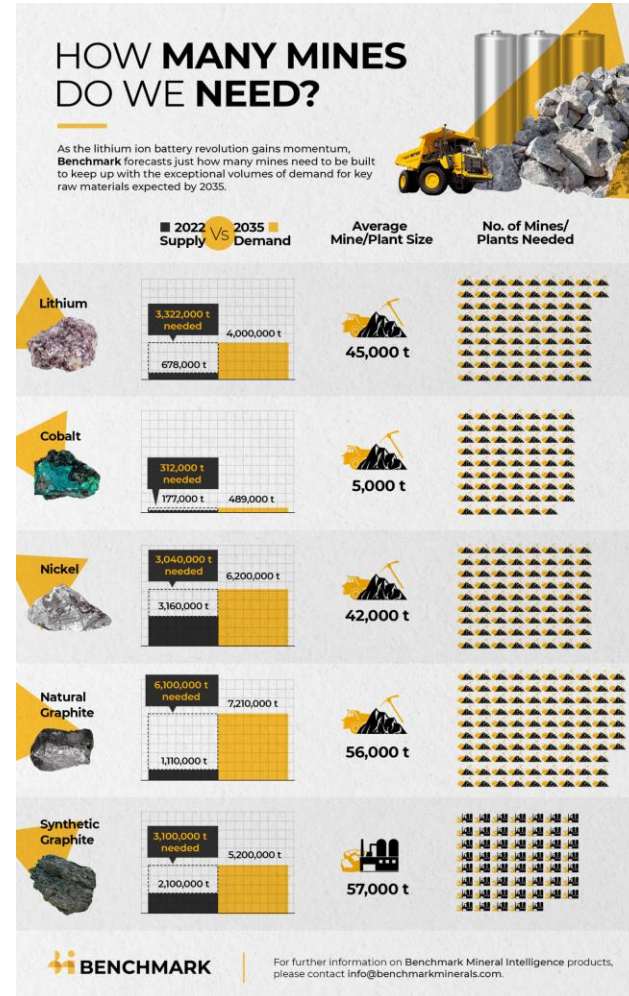


It's important for investors to remember that flake graphite has applications beyond lithium-ion batteries.

# Flake Graphite Supply & Demand Factors

- The raw materials in a 50-kWh electric car battery are 6kg of lithium, 10kg of manganese, 11kg cobalt, 32kg of nickel, 100kg graphite (Allgemeiner Deutscher Automobil-Club, 2020).
- According to InsideEVs, in January 2022, the Tesla Model 3 RWH has a 60 kWh battery, suggesting over 100kgs of graphite.
- According to Nissan USA, the 2023 Nissan Leaf offers a 40 kWh battery and a 60 kWh battery, suggesting 80 -120 kgs of graphite
- China produced 63% of world graphite supply in 2021, followed by Madagascar (8%), Brazil (7%), Mozambique (7%) and India (5%). Canada produces less than 1% and the US produces nothing. (World Mining Data, 2023).
- In 2021, North American battery manufacturing capacity stood at 56 GWh. In 2026, it is estimated to be 600 GWh, and in 2031, 1 TWh (Benchmark Mineral Intelligence, September 2022).
- North America has only one producing graphite mine and it contributes less than 1% of global graphite supply (U.S. Geological Survey, Mineral Commodity Summaries, January 2022).

**More North American production is needed to support the plethora of battery production scheduled to come online in the next 2 years**



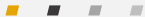
# Our Strategy

A single electric vehicle battery requires 50-100 kg of graphite. About 63% of graphite comes from China. E-Power Resources is developing local sources of graphite for the Quebec and North American Electric Vehicle Industry.

- **Conduct Research** to identify graphite exploration and resource development opportunities
- **Secure** land positions with graphite exploration and resource development potential
- **Delineate and Develop** graphite resources by determining tonnage, grade, flake size and mineability
- **Enhance Project Viability and Reduce Project Risk** to ensure graphite products are optimized & attractive to battery manufacturers & material suppliers requiring flake graphite
- **Monetize Projects** through option agreements, M&A, joint ventures, and trade sales
- **Repeat**

sample of flake graphite, Tetenisca Property

**Of All Battery  
Ingredients, the One  
Most Historically  
Overlooked Is  
Graphite.**



# The Québec Advantage

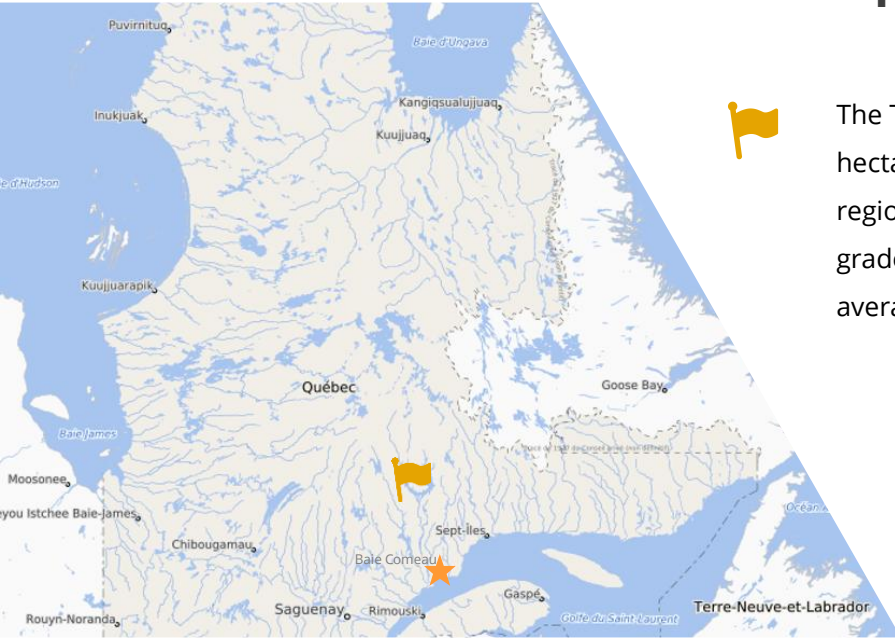
Québec, one of the eastern Canadian provinces, has an economy firmly entrenched in the natural resources sector which includes a long history of mining and mineral processing. Québec is consistently a top-ranked jurisdiction in the Fraser Institute's annual ranking of mining friendly jurisdictions. Québec provides E-Power with the following advantages for mining and mineral exploration investment:

- Politically stable nationally and provincially.
- Bilingual French and English.
- Provides a secure environment for work.
- Surety of land title for the purposes of mineral exploration and mining.
- Extremely well-developed mining and exploration data and administration systems.
- A North American location providing a natural resource supply base for the emerging North American battery and electric vehicle market industries.
- A leading manufacturer and supplier of hydroelectric energy.
- A provincial government strongly supportive of the development of the electric vehicle industry including a battery strategy meant to support up to \$7bn of investments, grants and subsidies.
- A provincial government that historically has been a leader in infrastructure development to support the natural resource sector and continues this with Plan Nord; extending infrastructure into the Québec north.
- **Refundable credit of up to 35% applied to mineral exploration expenditures in the Plan Nord area of Quebec.**



# Our Flagship Property

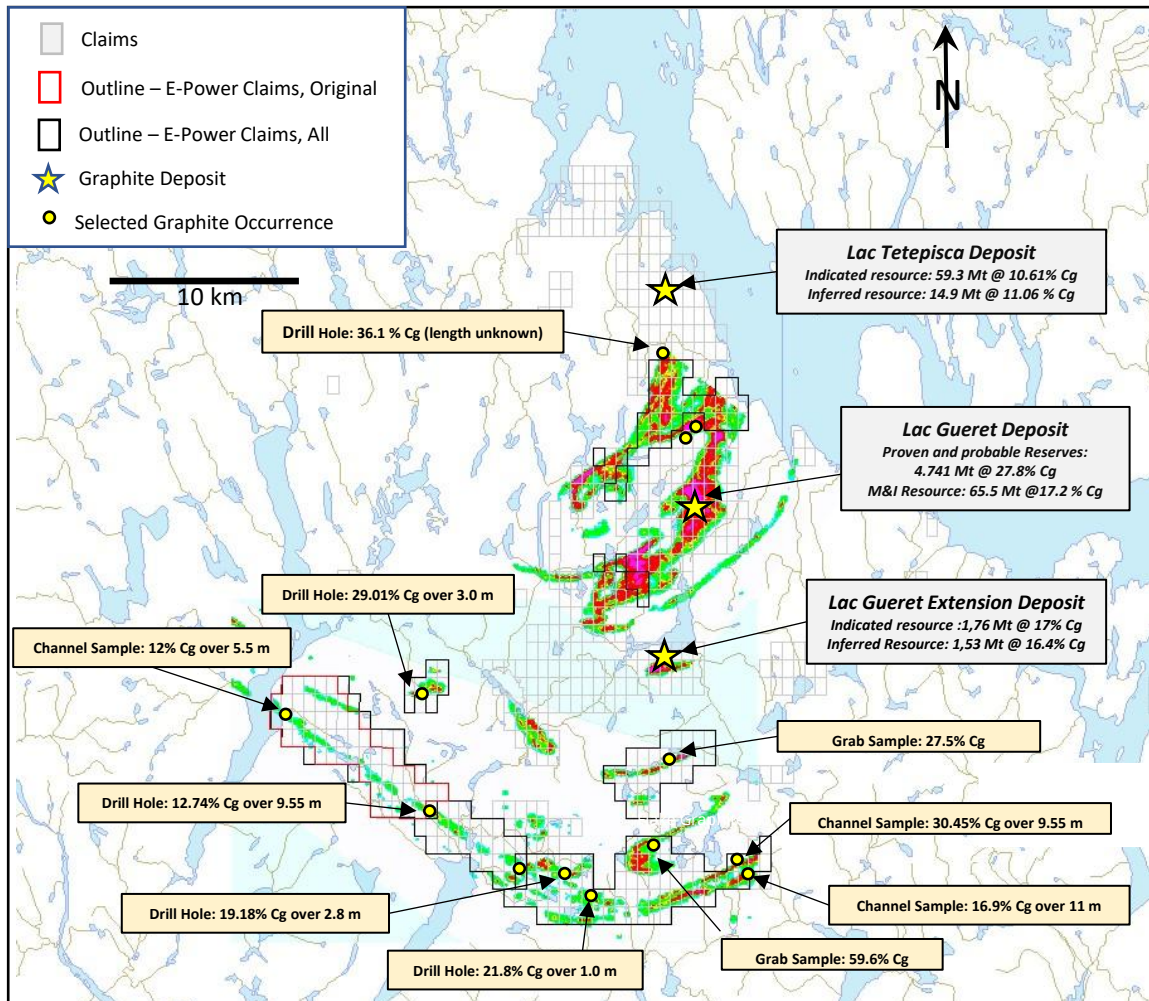
## Tetepisca, Québec



The Tetepisca property consists of 222 claims covering a total area of 12,025 hectares located in the Tetepisca Graphite District (“TGD”) in the North Shore region of Québec. The TGD hosts graphite reserves totaling 4.7 Mt at an average grade of 27.8 % Cg and measured and indicated resources of > 120 Mt at an average grade of 14 % Cg. E-Power is the largest claim holder in the TGD.



A 3 hour+ drive from the Port of Baie-Comeau and access to port facilities and ground transport links to the rest of North America. **Baie-Comeau will be the home of a 200,000 tpy battery anode material manufacturing facility partially funded by a corporation owned by the Quebec Government.**



# Tetepisca

## An Emerging Graphite District in Quebec

- High value flake graphite mineralization
- District Measured and Indicated Resources > 120 Mt at an average grade of ~14% Cg
- E-Power is the largest claim holder in the district with:
  - Favourable geophysics
  - Proven geology
  - Numerous historical flake graphite showings

*Notes:* Historical drilling and sampling results on the E-Power Tetepisca property has been compiled from *Ministère de l'Énergie et des Ressources naturelles, Quebec* files. Drill intercepts reported are intersection lengths and true widths are not known. Grab samples are not indicative of a volume or tonnage of material. The QP has not verified the information on adjacent properties and the information is not necessarily indicative of mineralization on the E-Power Tetepisca property.

## **Tetepisca Exploration**

### **2019 to 2022 Exploration**

- Geological mapping and sampling
- Beep mat prospecting along conductive trends
- Ground electromagnetic surveys at prioritized targets
- Trenching (mechanical shovel) at selected anomalies
- High resolution airborne Mag-EM survey completed over most of the property

### **2023 Exploration - Diamond Drilling**

- 18 holes (2,650.5 m) drilled (NQ core)
- 639 samples for C-graphite analyses
- Prospecting, sampling on selected southern claims
- 6 man-portable drill holes completed

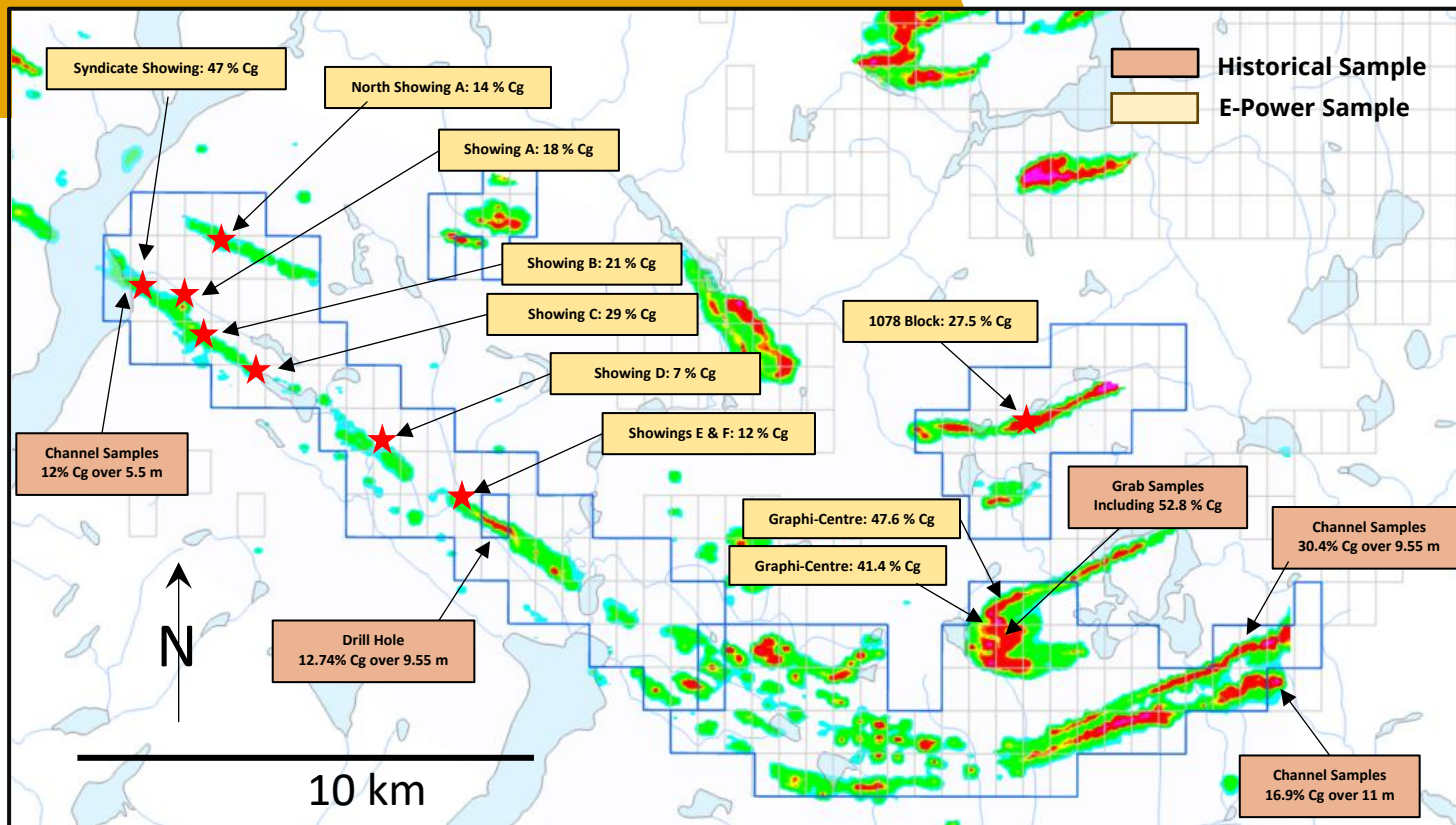
### **2024 Exploration - Bulk Samples and Metallurgy**

- 1,017 kg (1.017 tonne) collected from 4 advanced targets for metallurgical testwork
- Prospecting and sampling on the northern claims



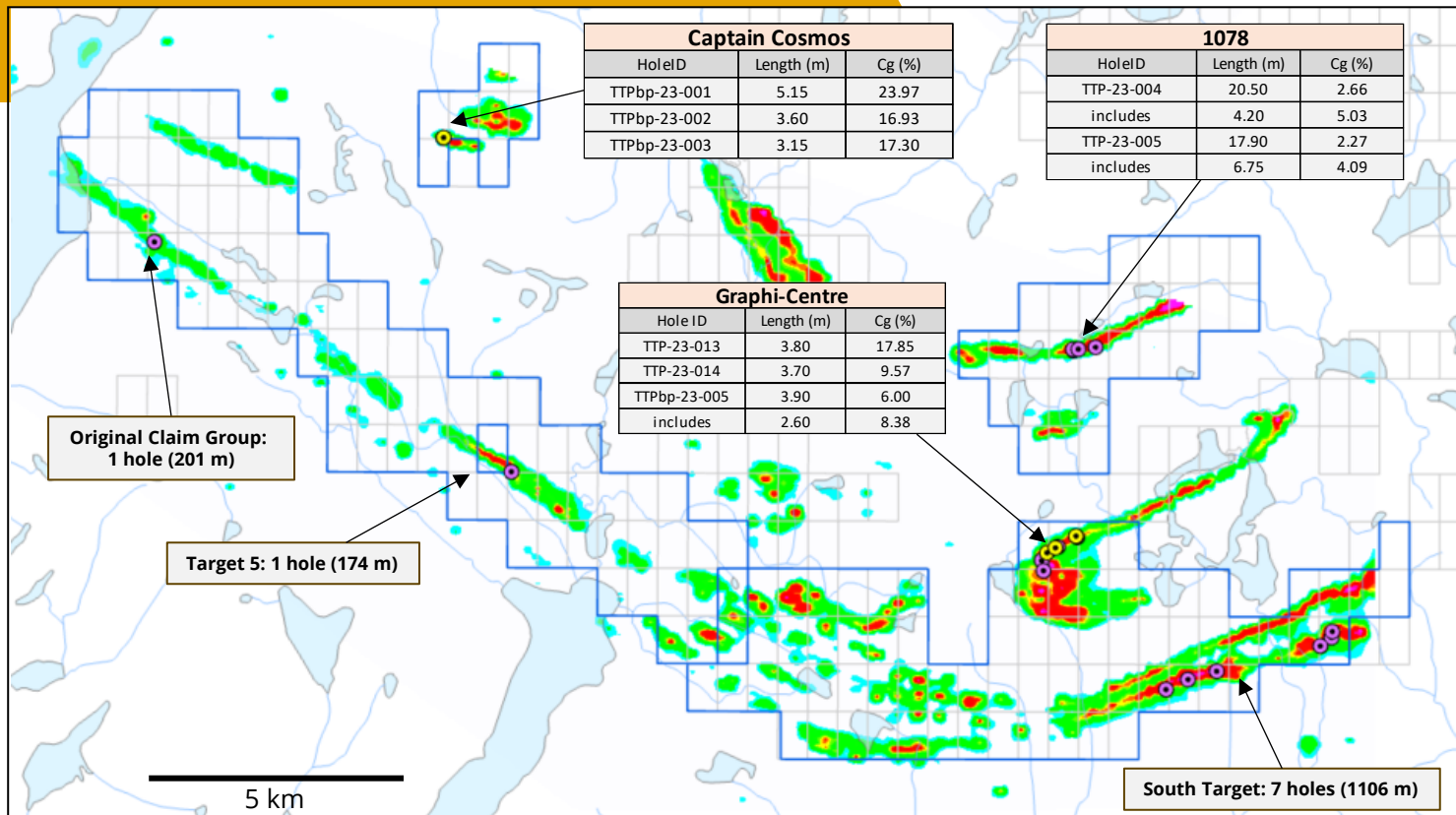


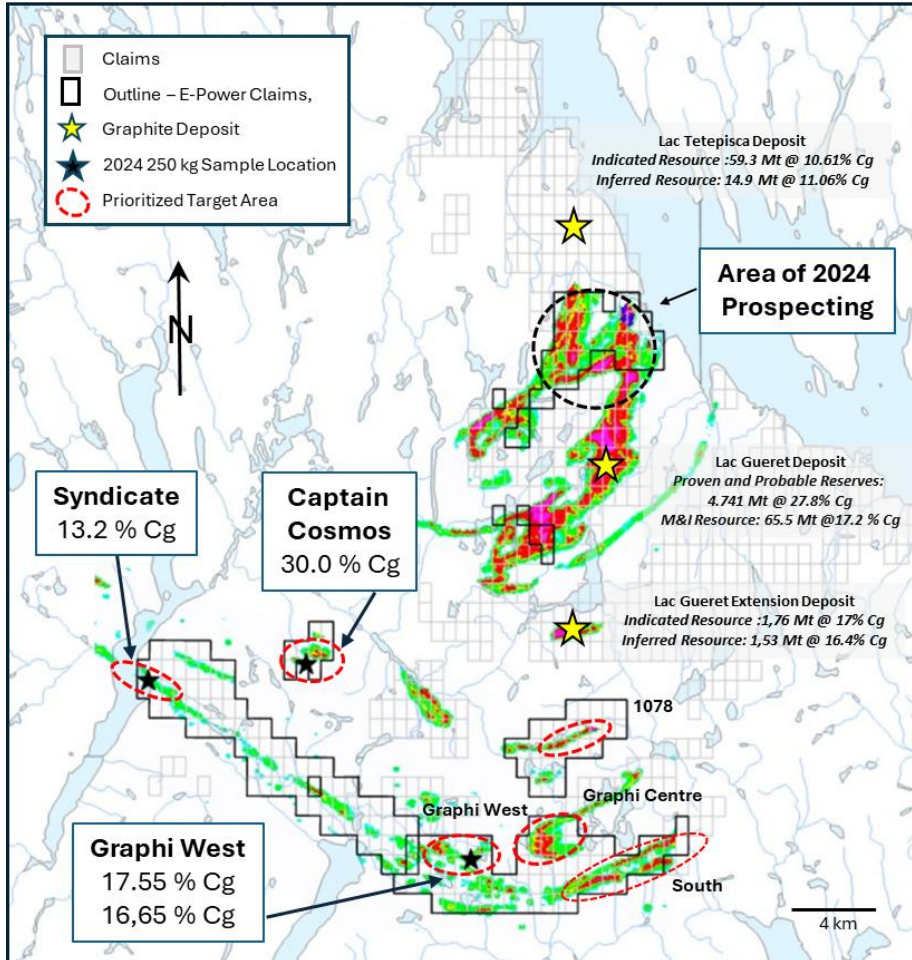
# Tetepisca 2019 - 2021 Sampling Results





# Tetepisca 2023 Drilling Results

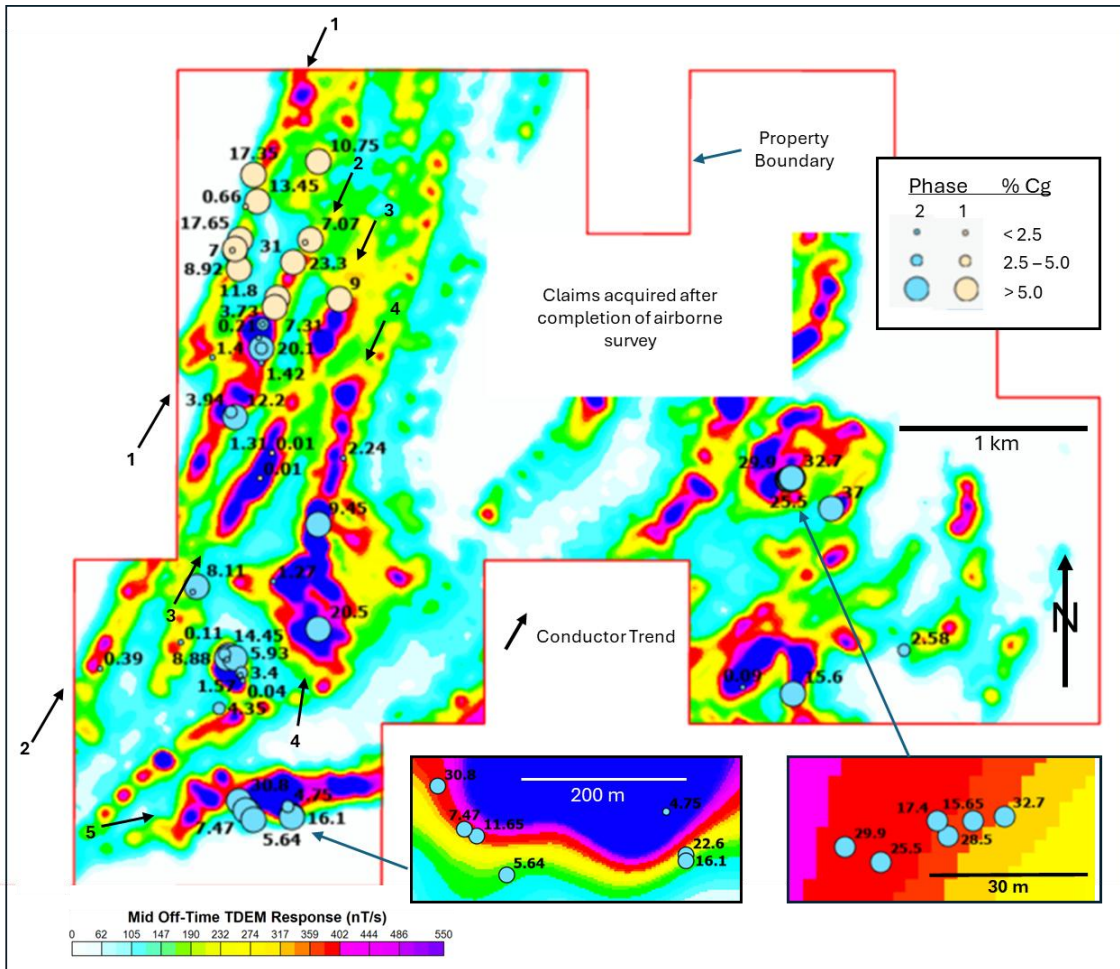




## Tetepisca 2024 Exploration Results

### *Bulk sampling on the southern claims*

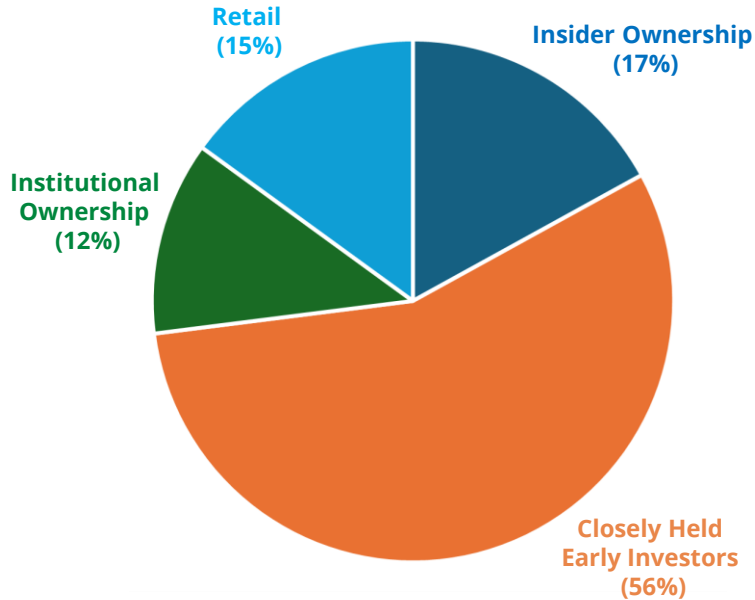
- 1,017 tonnes collected from 4 exposures in 3 target areas
- Field duplicates of bulk samples all returned Cg values consistent with Tetepisca district results
- Field duplicate grades consistent with historical results
- Concentrate grades of 96.5% Cg attained from the Syndicate Showing bulk sample and 96.4% from the Captain Cosmos bulk sample



## Tetepisca 2024 Exploration Results Early-Stage Exploration Northern Claims

- Geological and geophysical prospecting on targeted airborne conductor trends
- 76 grab samples taken from field located conductors
- High grade flake graphite discovered delineating airborne conductor trends
- Several excellent targets for follow up exploration and resource evaluation

# Share Structure



## Capital Markets Overview

*Shares Outstanding as of  
March 1, 2025: 53,251,515*

2m options @ .12  
225k warrants @ .08  
2m warrants @ .60  
1.7m warrants @ .15  
1.25m warrants @ .12  
2.3m warrants @ .15  
1.4m warrants @ .48  
9.7m warrants @ .10

373,333 Restricted Stock Units



# Officers and Directors

## **James Cross, *President and Chief Executive Officer***

James Cross is a management consultant with capital markets experience in North America, Europe, the Middle East and South Asia. He is a co-founder of E-Power Resources. He served as President and CEO of Canadian Gold Resources, Ltd. from 2012-2017. In 2017, Canadian Gold Resources was sold to Colibri Resources on a share transaction basis valued at \$4,000,000. He also served as Director and Vice-president of Corporate Development for Adroit Resources from 2010 - 2011, then listed on the TSX Venture Exchange. He has also acted as a consultant to a number of resource companies. In 1989, he earned a Bachelor of Science in Management from the A.B Freeman School of Business, Tulane University.

## **Jamie Lavigne, P.Geo., *Vice President Exploration and Director***

Jamie is an accomplished economic geologist having held technical and leadership roles in successful exploration, resource delineation, and mine development projects. Jamie holds a Bachelor of Science degree from the Memorial University of Newfoundland and a Masters of Science degree from the University of Ottawa. Jamie is a member of L'Ordre des Geologues du Quebec and is a member of the Association of Professional Geoscientists of Ontario.

## **Paul Haber, *CFO***

Paul has been involved in corporate finance and capital markets for over 20 years. He has served as the CFO and Audit Committee Chair of many public and private companies.

## **Michael Danielsson, *Director***

Michael has an extensive career in banking and finance, starting with Svenska Handelsbanken and later Swedbank; where he worked in risk control, valuing bond portfolio, money market derivatives and foreign exchange.

## **Dr. William Pfaffenberger, *Director***

Bill has over 40 years of active involvement in several mining companies both in management and on their boards of directors. He served previously as chief financial officer of Teuton Resources and chief executive officer of Volt Carbon Technologies. He is president of a private mineral exploration company, Fundamental Resources Corp., with properties in British Columbia. Dr. Pfaffenberger is a retired professor of mathematics and statistics at the University of Victoria. He served as chairman of the board of Pension Trustees for 11 years, overseeing more than \$400-million in assets.

## **Gabriel Erdelyi, *Director***

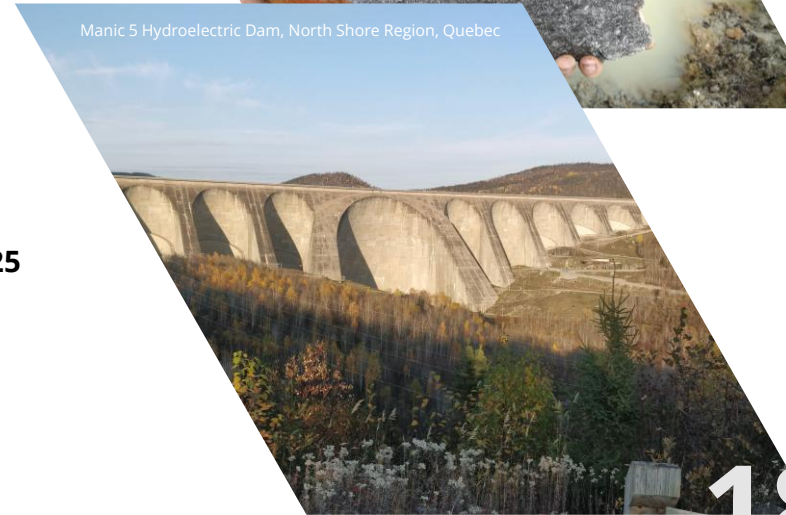
Gabriel is an entrepreneur in the manufacturing sector. He operates his solely owned roll forming and tooling operation out of Mississauga, Ontario. His capital markets experience has been, but is not limited to, serving as Director of Lomiko Metals Inc, a graphite company in Quebec. His tenure was instrumental in moving the company through a positive PEA of their graphite property in the province of Quebec.

# Milestones & Catalysts

- ✓ Listed on the Canadian Securities Exchange on January 13, 2023
- ✓ Private Placement November 2023
- ✓ Evaluation of 2023 drilling and C-graphite analyses
- ✓ Tetepisca bulk sample recovery – **Q3 2024**
- ✓ Expansion of property potential through – **Q3 2024**
- ✓ Preliminary metallurgical testwork – **Q3 2024**
- ❑ Graphite concentrate samples to battery manufacturers – **Q2 2025**
- ❑ Metallurgical, Recovery, and Flake Size Distribution Work During **2025**
- ❑ Man-portable Drill Program at Early-Stage targets **2025**
- ❑ Resource Delineation drilling at advanced targets **2025**
- ❑ Tetepisca In-House Resource Estimates at Certain Targets **2025**



Flake Graphite from a trench, Tetepisca Property



Manic 5 Hydroelectric Dam, North Shore Region, Quebec

# Corporate Structure



## Auditors

SHIM & Associates LLP  
Chartered Professional Accountants  
Suite 900 – 777 Hornby Street, Vancouver, BC  
V6Z 1S4



## Lawyers

BCF Business Law  
Complexe Jules-Dallaire, T1  
Québec City, QC G1V 0B9



## Shares

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March 1, 2025: 53,251,515  
2m options @ .12; 2m warrants @ .60  
1.7m warrants @ .15; 1.25m warrants @ .12  
1.4m warrants @ .48  
9.7m warrants @ .10  
225k warrants @ .08  
373,333 Restricted Stock Units

## GET IN TOUCH



### Office Locations

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