



Developing Graphite Resources for the Emerging Electric Vehicle Market

Each Electric Vehicle Battery Requires 50 to 100 KILOGRAMS of Graphite
About 63% of Current Global Graphite Production Comes from China

E-Power is Focused on Developing Graphite Resources in the Province of Québec

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April 2024

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.



**Drill Core. Graphite
Intersection from the
Turgeon Property**

Capital Markets Overview

Shares Outstanding as of
April 15, 2024: 37,385,901
No options outstanding, 2m warrants @ .60
680k warrants @ .15
1.4m warrants @ .48
7.1m warrants @ .10
373,333 Restricted Stock Units

Three Reasons to Buy

1. Exponential graphite demand growth due to surging global EV market
2. Tightly held structure with strong insider ownership
3. Flagship high-quality graphite property and located close to infrastructure in safe, stable jurisdiction

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.**

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.

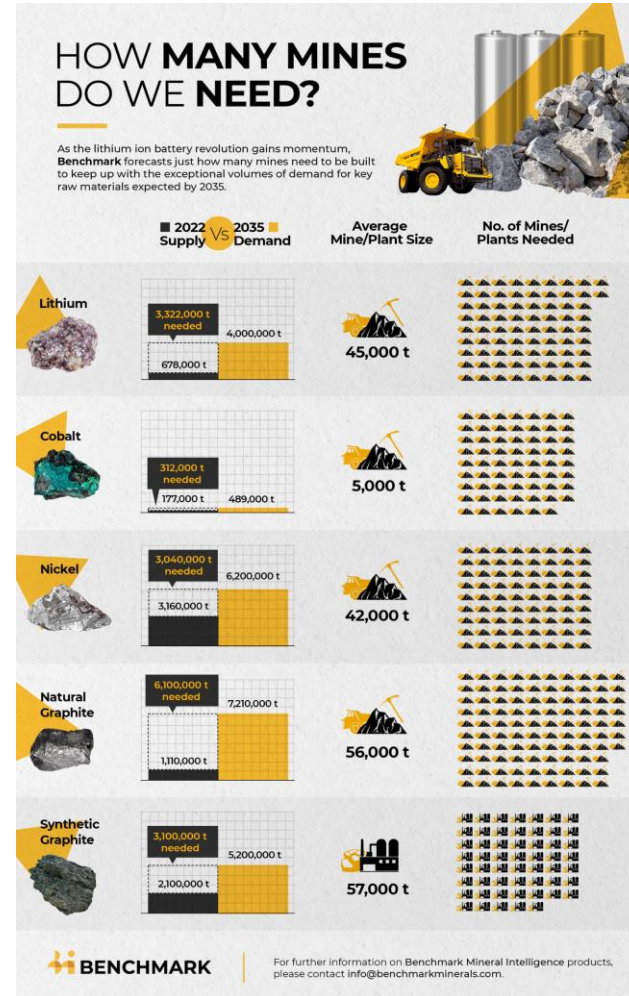


It's important for investors to remember that flake graphite has applications beyond lithium-ion batteries.

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



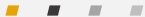
Our Strategy

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.

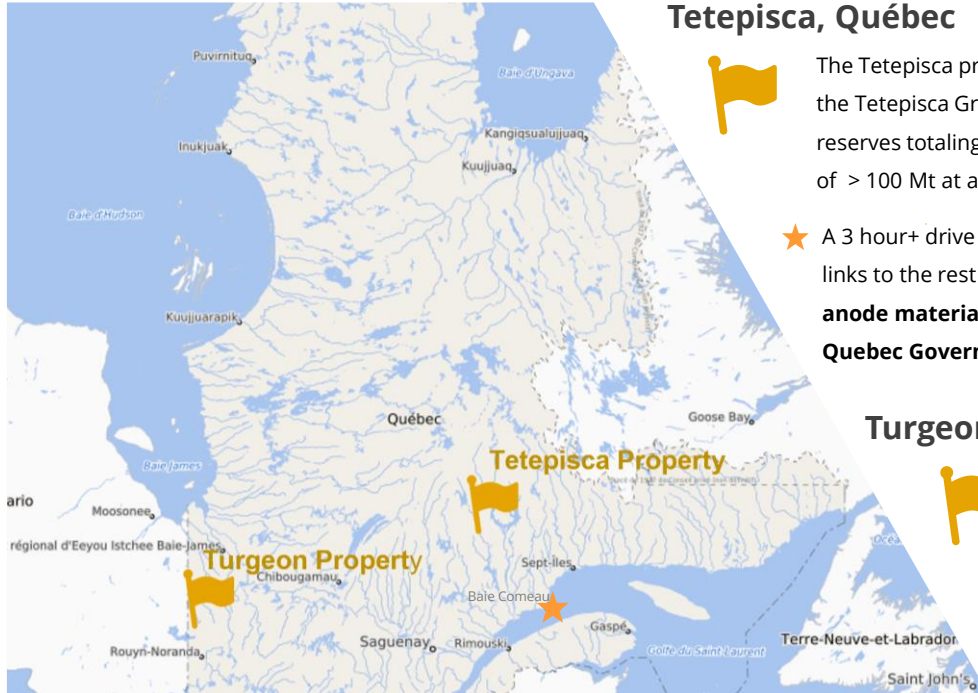
- **Conduct Research** to identify graphite exploration and resource development opportunities
- **Secure** land positions with graphite exploration and resource development potential
- **Delineate and Develop** graphite resources by determining tonnage, grade, flake size and mineability
- **Enhance 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.**



Our Properties



Teteписca, Québec



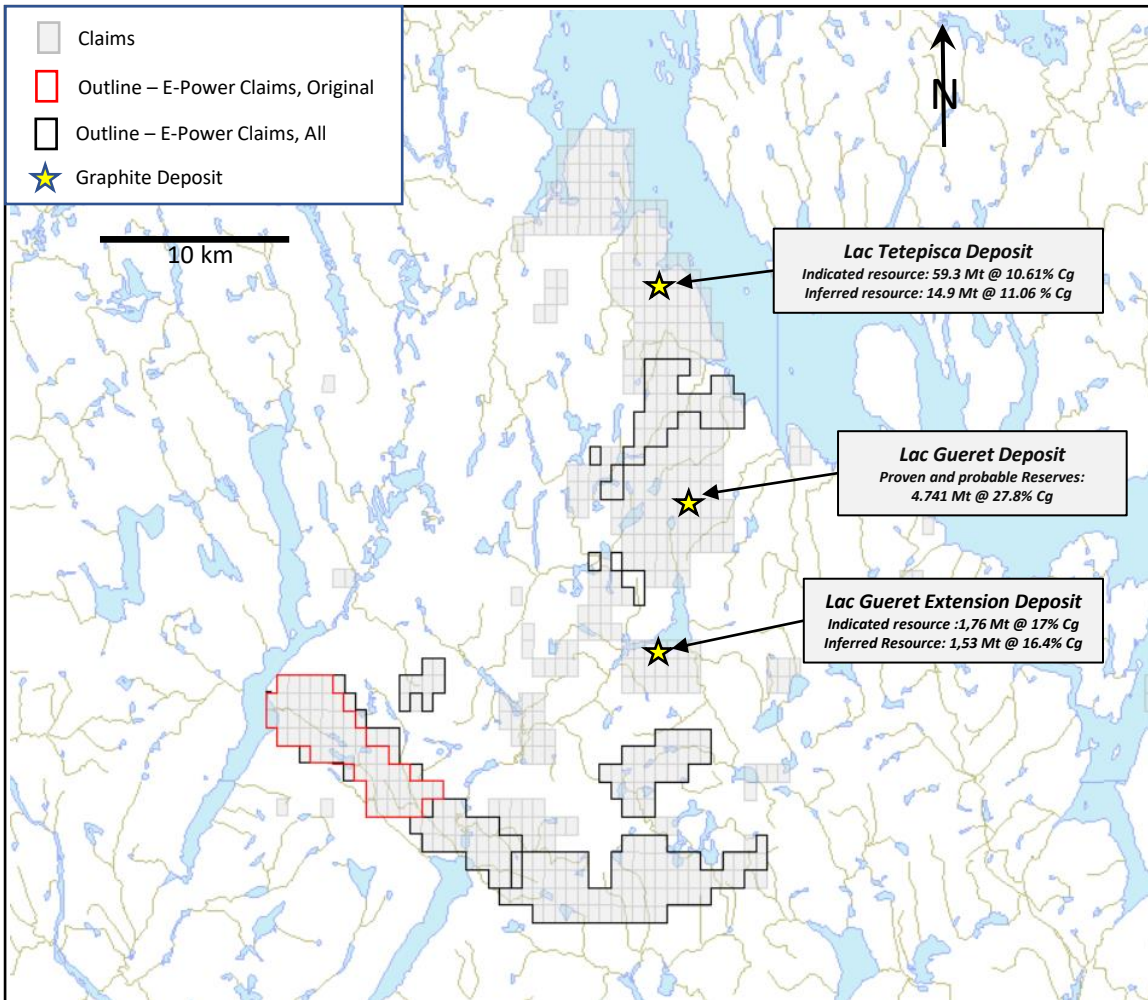
The Teteписca property consists of 222 claims covering a total area of 12,025 hectares located in the Teteписca Graphite District (“TGD”) in the North Shore region of Québec. The TGD hosts graphite reserves totaling 4.7 Mt at an average grade of 27.8 % Cg and measured and indicated resources of > 100 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.**

Turgeon, Québec



The Turgeon property consists of 331 claims covering 18,366 hectares located in the Abitibi region of western Québec. The Turgeon property is located in an area of very active gold and base metal exploration district. The Detour Lake Gold Mine owned by Agnico Eagle Mines Ltd is located approximately 15 kilometres northwest and the Casa Berardi Gold Mine owned by Hecla Mining Company is located approximately 12 kilometres south of the property.



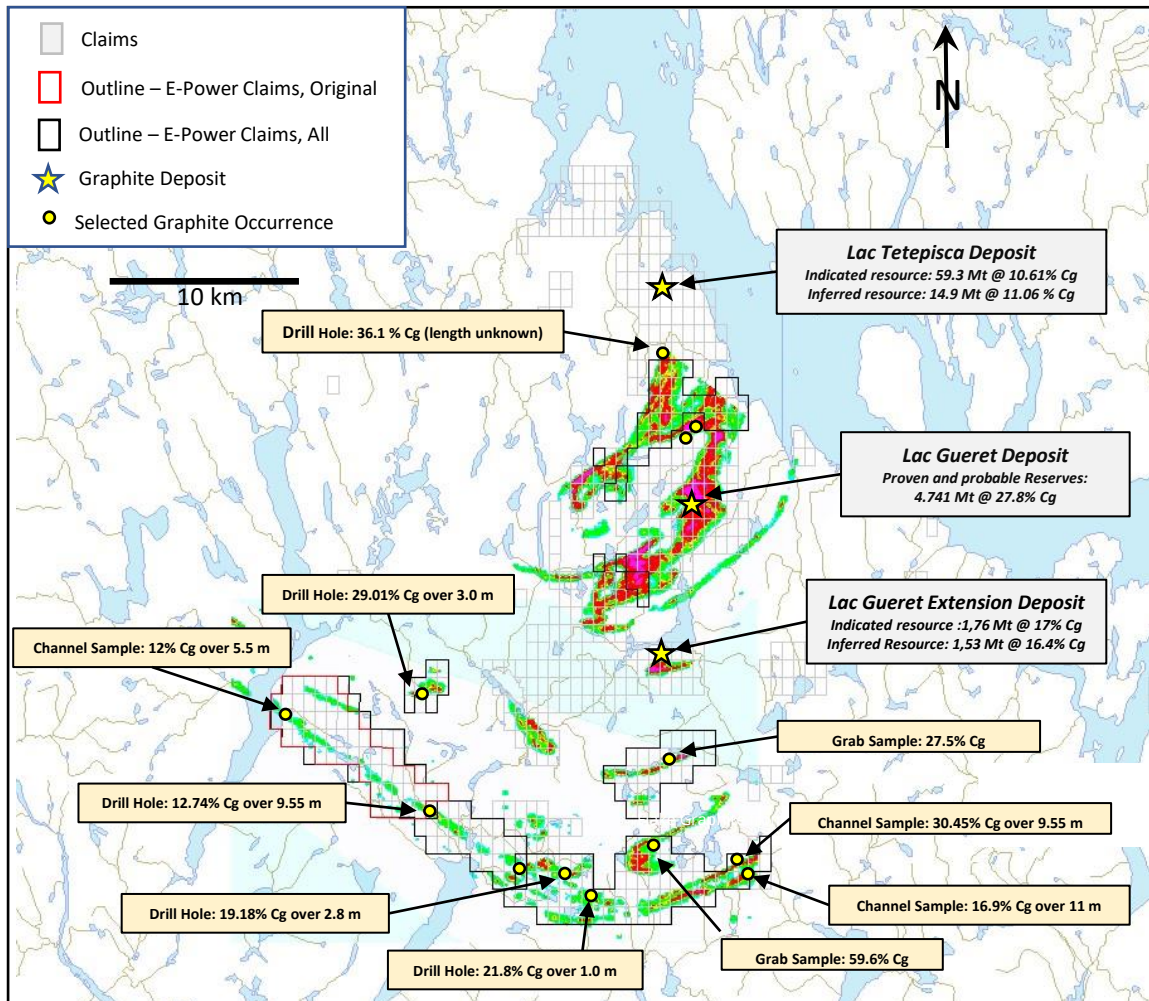
Tetepisca

An Emerging Graphite District in Quebec

- 3 graphite resources
- 1 resource advanced through feasibility
- E-Power is the largest claim holder in the district
- 222 claims covering 12,025 hectares
- 100% owned (2% royalty on original claim group)

Sources of Information:

NI 43-101 Technical Report Mineral Resource Estimate. Lac Tétépisca Graphite Project Québec, Focus Graphite, 2022
 NI 43-101 Technical Report Feasibility Study Update of the Lac Gueret Graphite Project, Mason Graphite Inc, 2018
 NI 43-101 Technical Report Mineral Resource Estimate on the Lac Gueret South Property. Berkwood Resources Ltd., 2019)



Tetepisca

An Emerging Graphite District in Quebec

Compilation

- Geology
- Geophysics
- Historical exploration
- Graphite Deposits and Occurrence

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 DISTRICT *Geology*



Nault Fm

E-Power Tetepisca Claims – Compilation Checklist

- ✓ Graphite mineralization is hosted by the favorable unit in the district, the Nault Formation which is a sequence of high metamorphic grade sedimentary rocks.
- ✓ Graphite mineralization correlates directly with high conductivity from airborne electromagnetic surveys completed historically.
- ✓ Potentially economic Graphite grades and thicknesses have been realized in the historical work.
- ✓ Carbon as graphite grades in samples are comparable to the resource grades in the district.
- ✓ High potential for the discovery of a flake graphite deposit on the Tetepisca claims

Tetepisca Exploration

2019 Exploration

- Geological mapping and sampling
- Beep mat prospecting along conductive trends
- Trenching (mechanical shovel) at selected anomalies

2021 Exploration

- Sampling at selected showings
- Ground electromagnetic surveys at prioritized targets

2022 Exploration

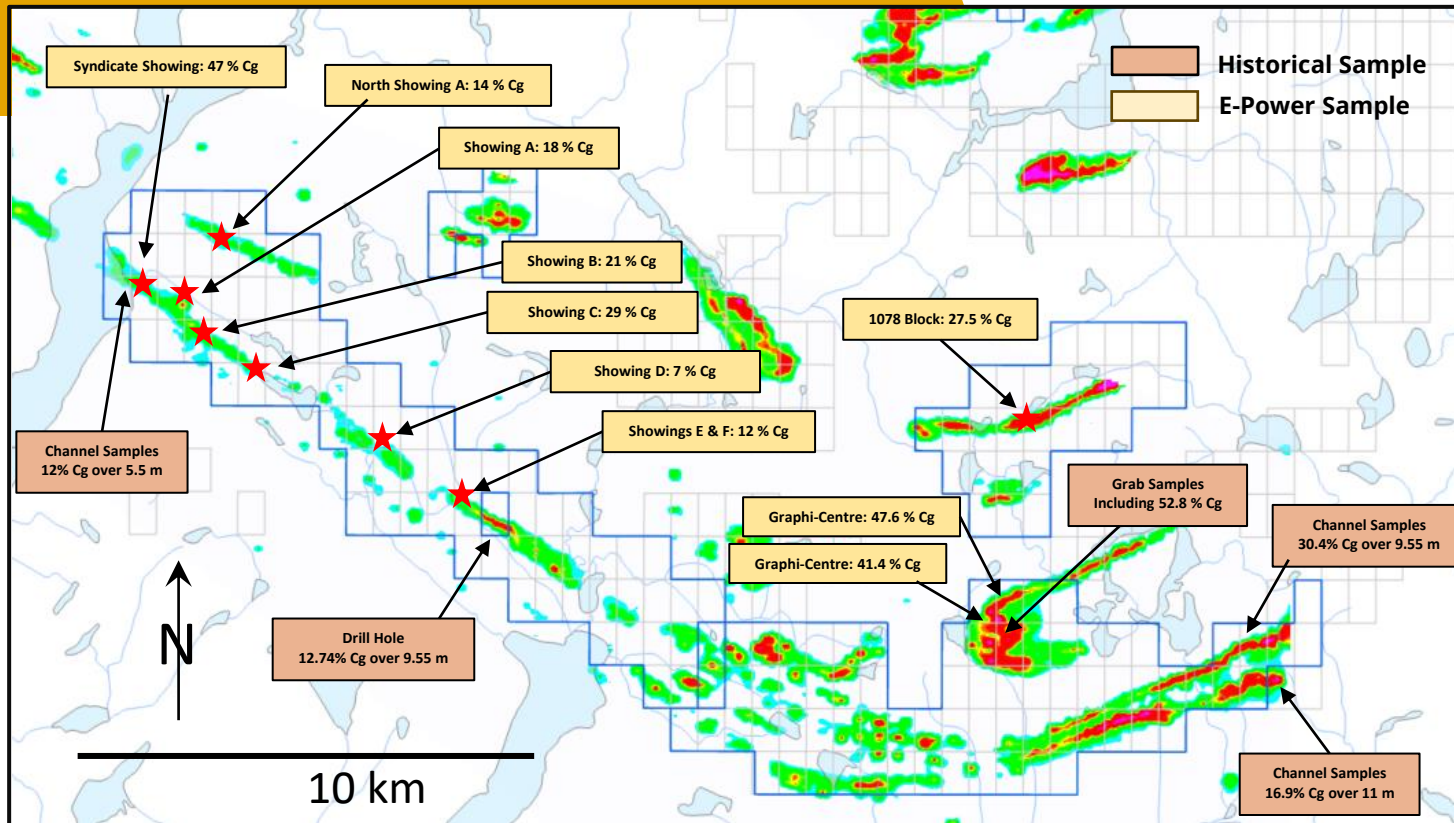
- High resolution airborne Mag-EM survey completed over most of the property

2023 Exploration - Diamond Drilling

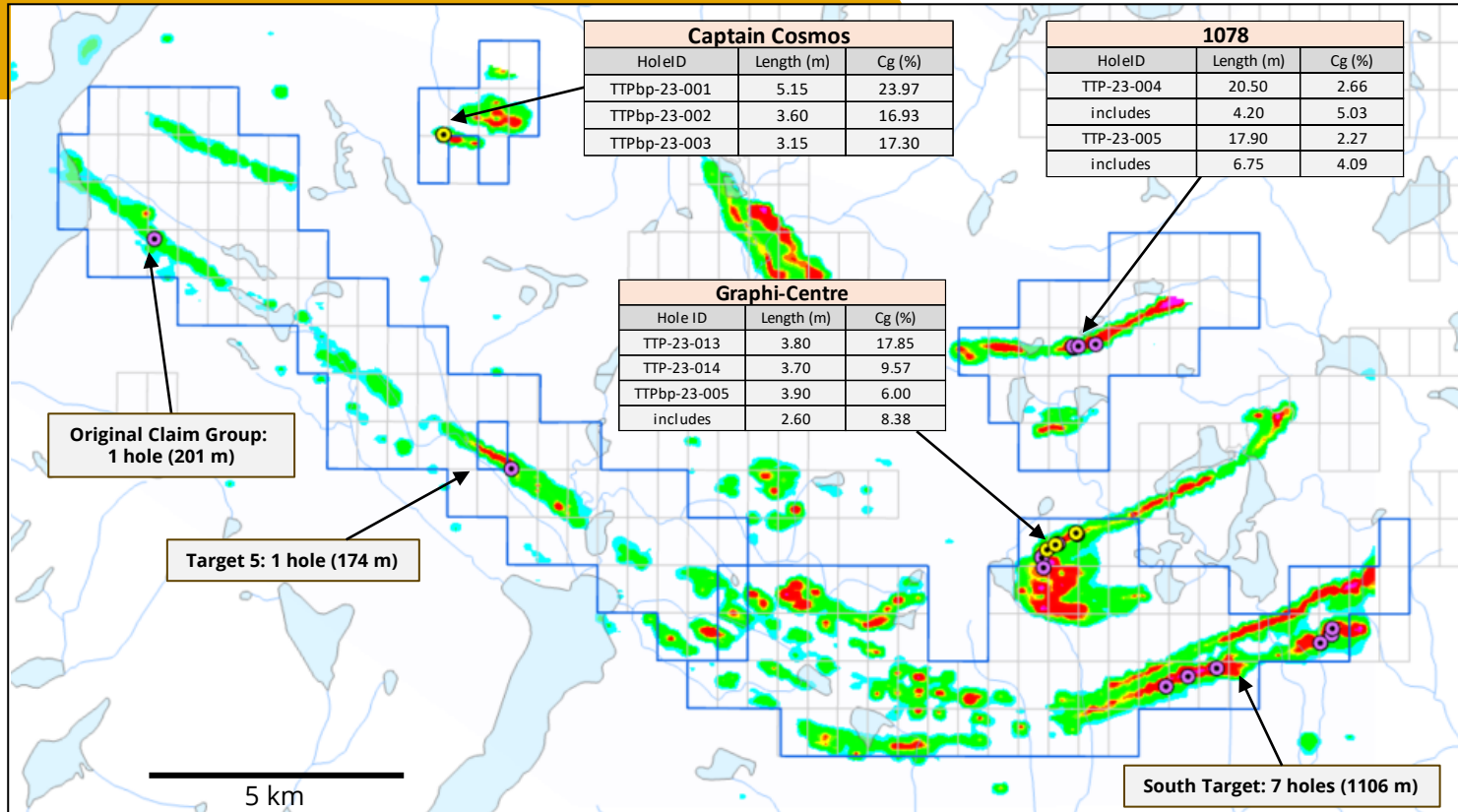
- 18 holes (2,650.5 m) drilled (NQ core)
- 639 samples for C-graphite analyses
- Prospecting, sampling on selected claims
- 6 man-portable drill holes completed



Tetepisca 2019 - 2021 Sampling Results

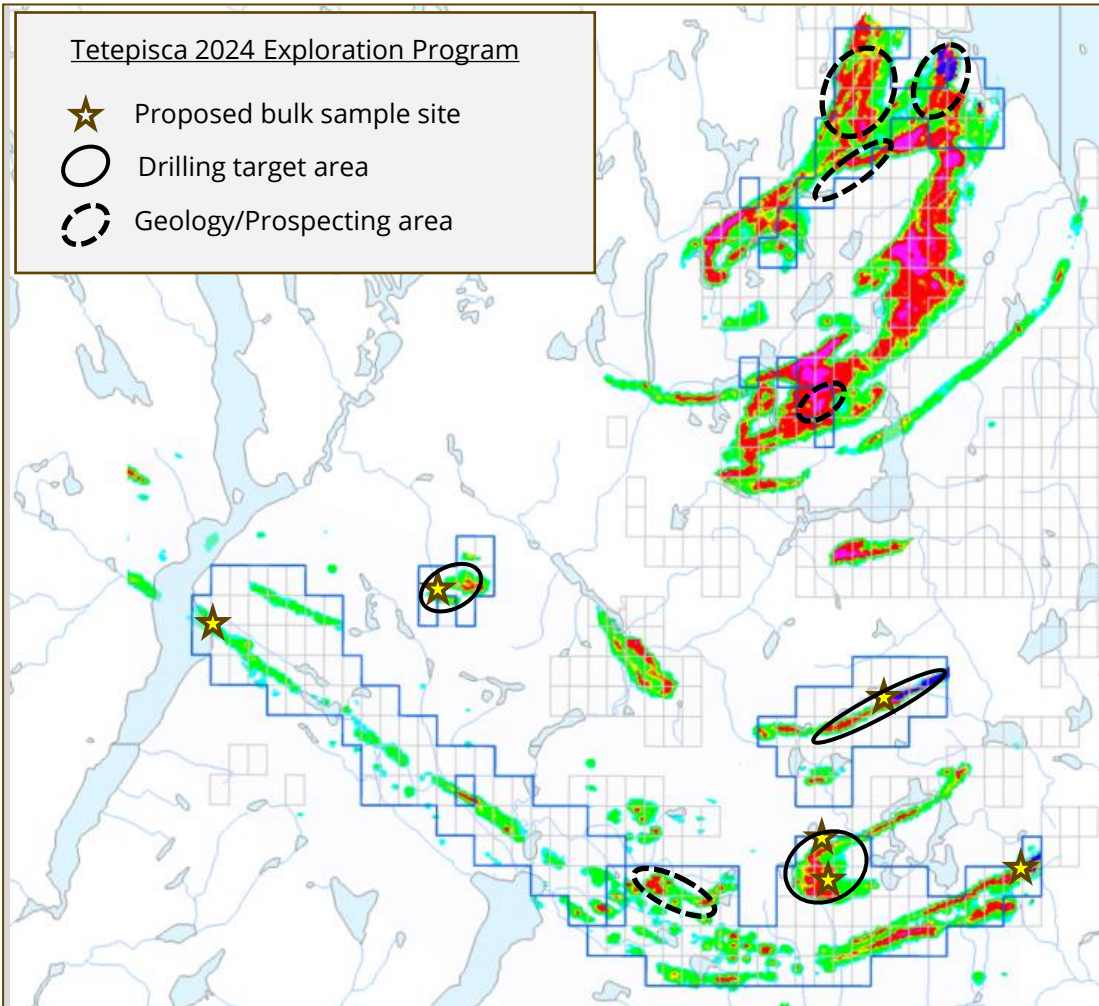


Tetepisca 2023 Drilling Results



Tetepisca 2024 Exploration Program

- ★ Proposed bulk sample site
- Drilling target area
- ⊖ Geology/Prospecting area



Tetepisca Next Steps 2024

Metallurgical Testwork

- 10 tonne Bulk Samples taken at 3 locations
- Metallurgical and related test work
 - Recovery,
 - Composition, purity
 - Flake size distribution

Diamond Drilling

- Receive and evaluate pending C-graphite analyses
- Continue testing prioritized target areas
- Resource delineation drilling

Early-Stage Exploration

- Geological mapping and outcrop sampling
- Beep mat prospecting

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 Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists.

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.

Thomas Langley, *Director*

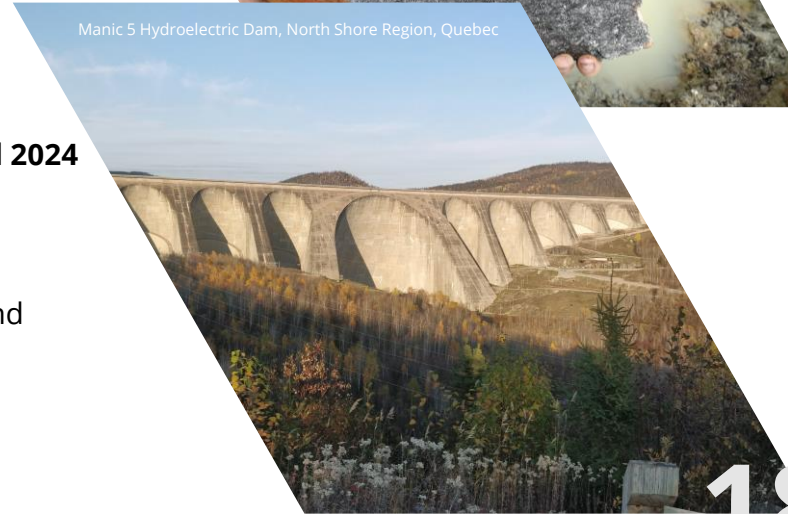
Thomas has had a successful career in the auto industry including leadership roles in various functions. Thomas currently serves on the board of directors at RN Nordic AB, the importer of the brands Renault, Dacia and Alpine in Sweden and Denmark, and is Director of Customer Experience and Dealer Network Development. Thomas Langley has owned a sailboat charter company, as well as a yacht brokerage and holds a Master of Science in Business Administration from Gothenburg School of Economics and Commercial Law.

Harvey Edgecombe, *Director*

Bio to come

Milestones & Catalysts

- ✓ Listed on the Canadian Securities Exchange on January 13, 2023
- ✓ Private Placement November 2023
- ✓ Evaluation of 2023 drilling and pending C-graphite analyses
- ❑ Tetepisca bulk sample recovery – **Q2 2024**
- ❑ Graphite concentrate samples to battery manufacturers – **H1 2024**
- ❑ Metallurgical, Recovery, and Flake Size Distribution Work During **Fall 2024**
- ❑ Resource Delineation Drill Program at Tetepisca (5,000 m) **2024**
- ❑ Tetepisca Resource Estimation and NI-43-101 Reporting **2024**
- ❑ Turgeon Claims extended 1 year due to forest fires, geochemistry and drilling planned for **2024**



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

Shares Outstanding as of
April 15, 2024: 37,385,901
No options outstanding, 2m warrants @ .60
680k warrants @ .15
1.4m warrants @ .48
7.1m warrants @ .10
373,333 Restricted Stock Units

GET IN TOUCH



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info@e-powerresources.com

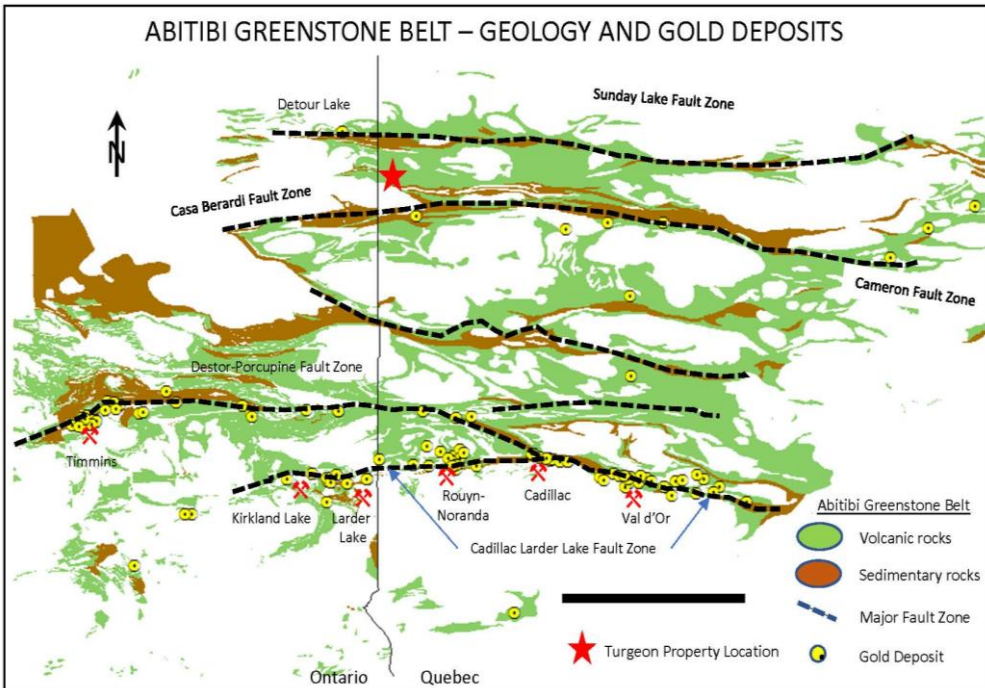


Phone Number

(+1) 438-701-3736

Appendix I

Turgeon



Turgeon

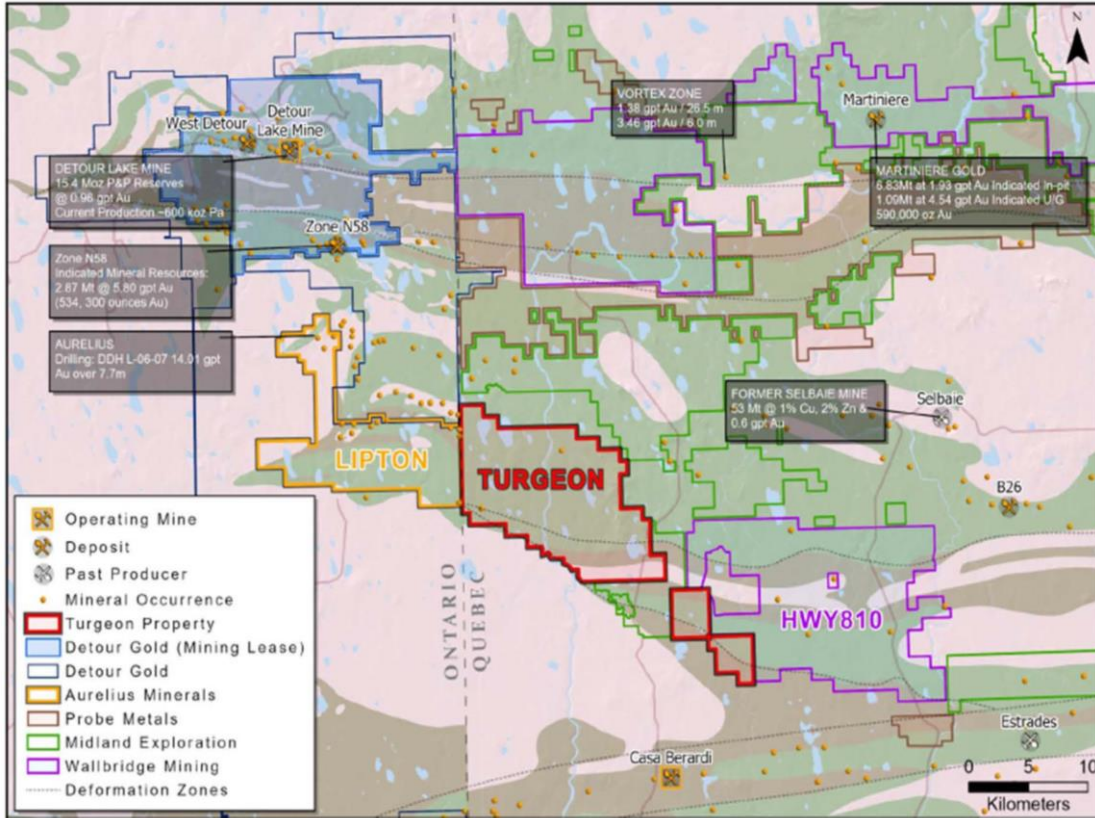
Located in western Quebec, on the Ontario border

Within the Abitibi Greenstone Belt

- 200 Million ounces of gold produced
- 100 million ounces of gold resource
- 700 million tonnes of base metal sulphide produced

Property: 293 claims covering 16,249 hectares

Sources of information is Ministère de l'Énergie et des Ressources naturelles (Québec) and the Ontario Geological Survey.



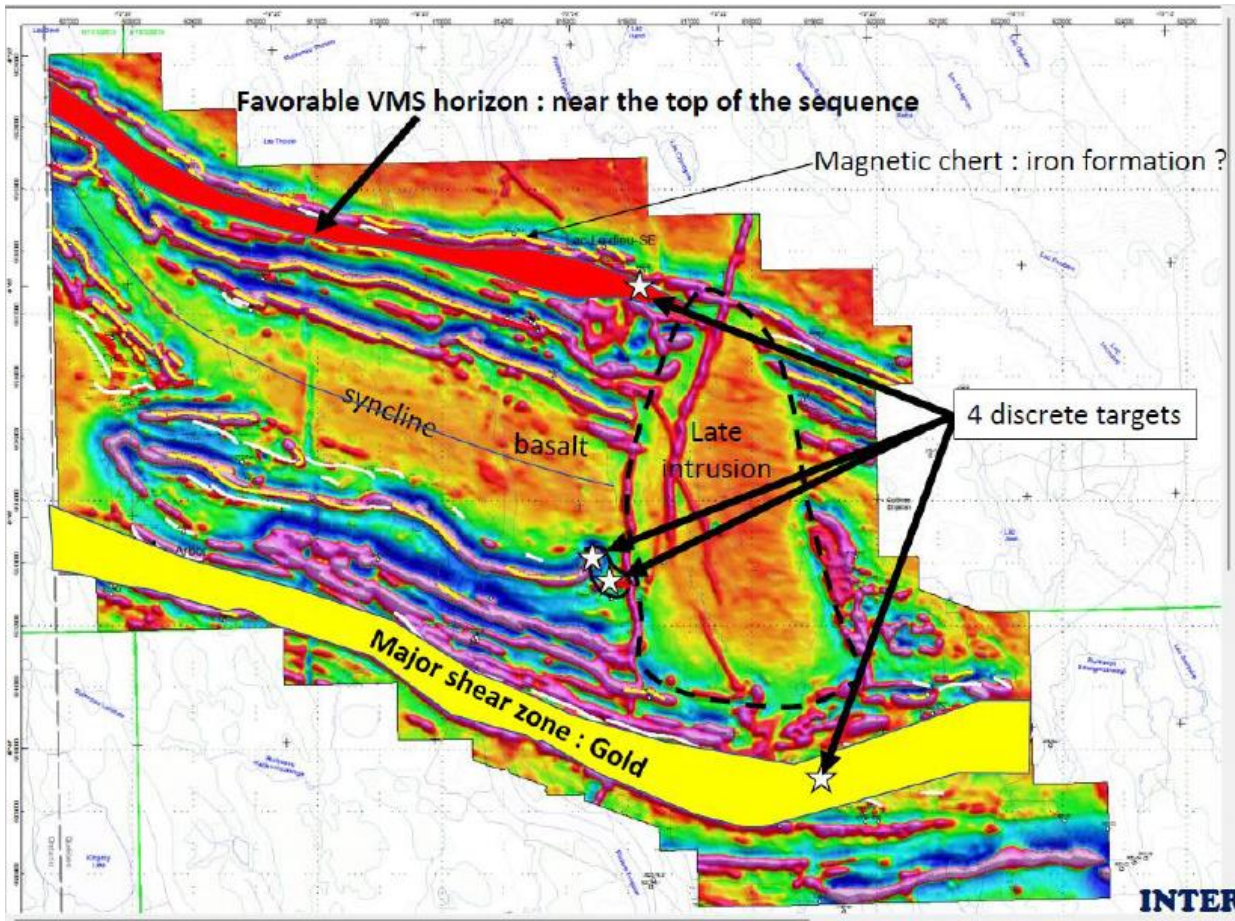
Turgeon

Active gold and base metal exploration district
Virtually all Greenstone is staked

15 km north of the Casa Berardi Mine which has Reserves plus resources in excess of 5 million ounces

25 km south of the Detour Lake Mine which has an approximately 15 million ounce gold resource

25 km west of the past producing Selbaie Mine which produced 53 million tonnes of copper – zinc plus gold massive sulphide



Turgeon

High resolution Mag-EM survey completed during the fall of 2021

Interpretation of a major structural zone in the southern claims

Interpretation of a possible VMS horizon in the northern claims

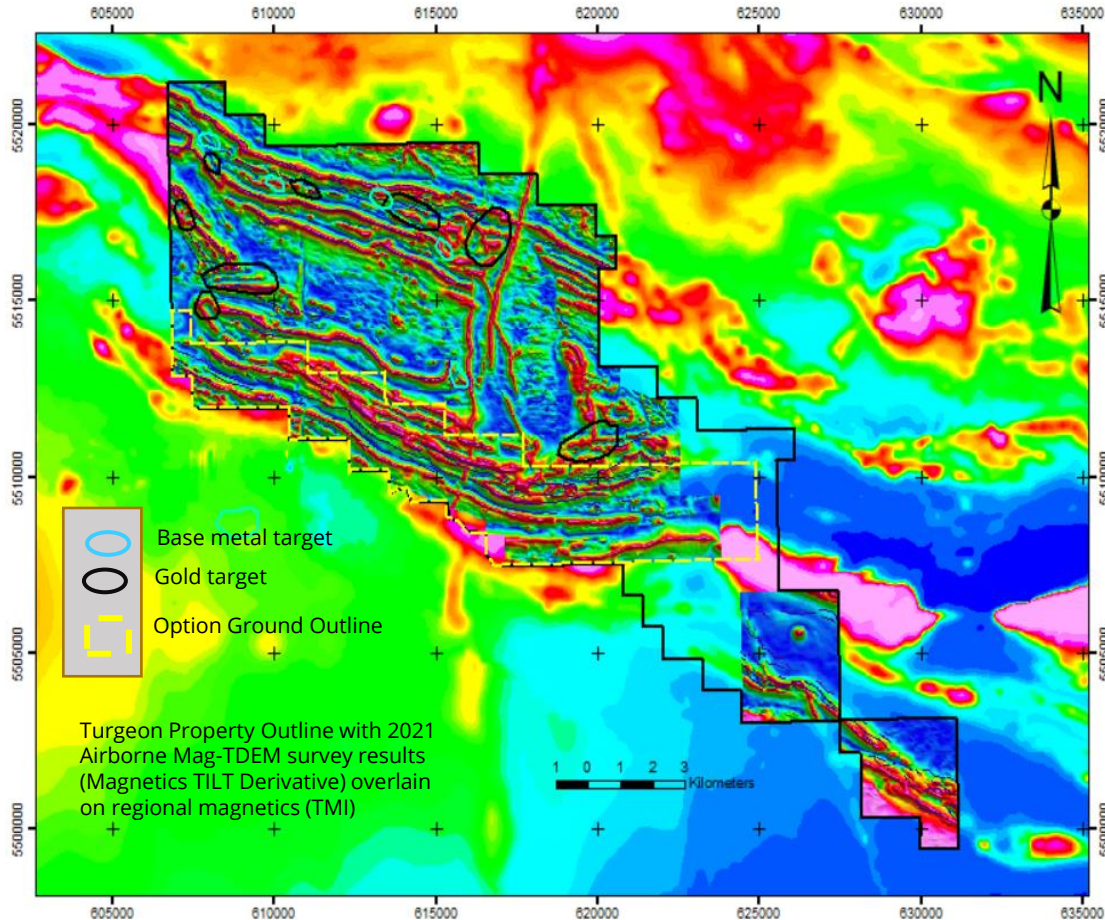
Numerous discrete targets based on EM response and magnetic lineament interpretation

Turgeon

Deep penetrating geochemical exploration survey (SGH)

Preliminary plan for 5,500 metres of diamond drilling

Seeking partners to explore Turgeon



Appendix II

Target Areas Geology

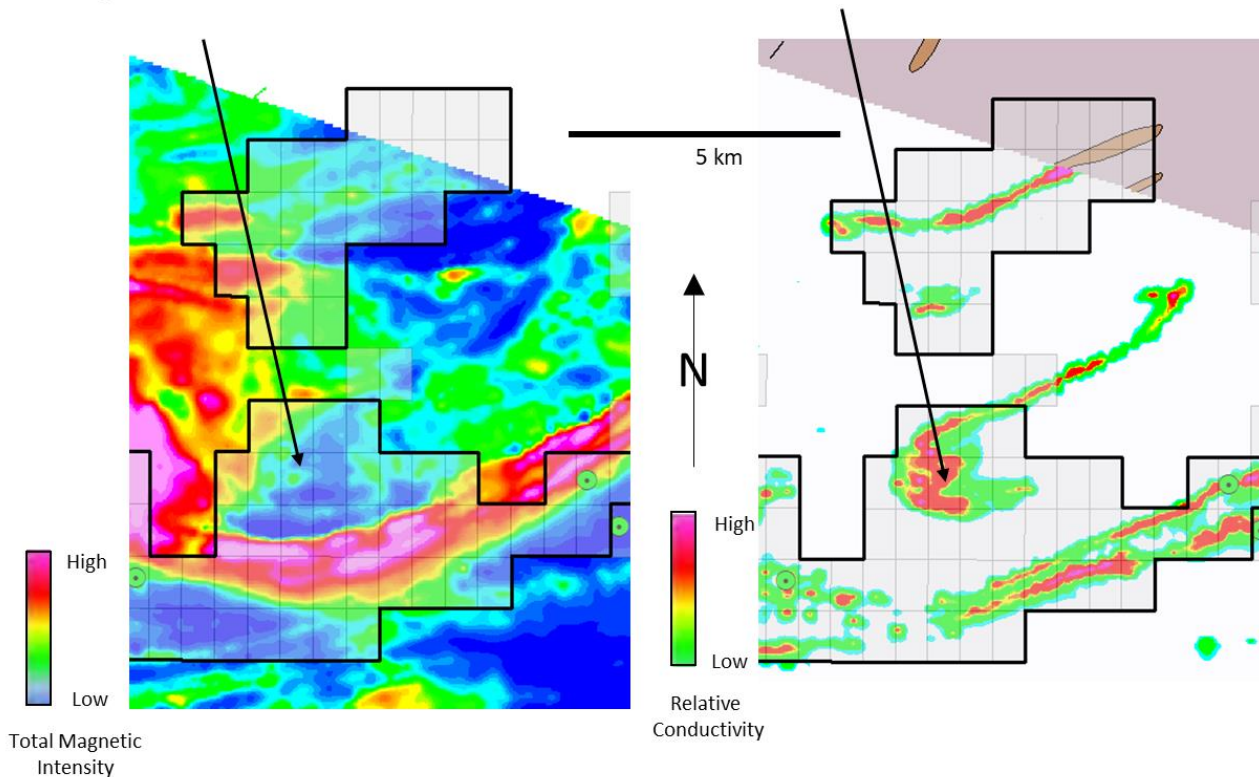
E-POWER 2023 EXPLORATION PROGRAM

Target 1

Magnetics Low and Conductivity High

Magnetic Low

High Conductivity



Tetepisca

Priority 1 Target

Folded sequence of Nault Formation

→ Potentially favorable mining situation

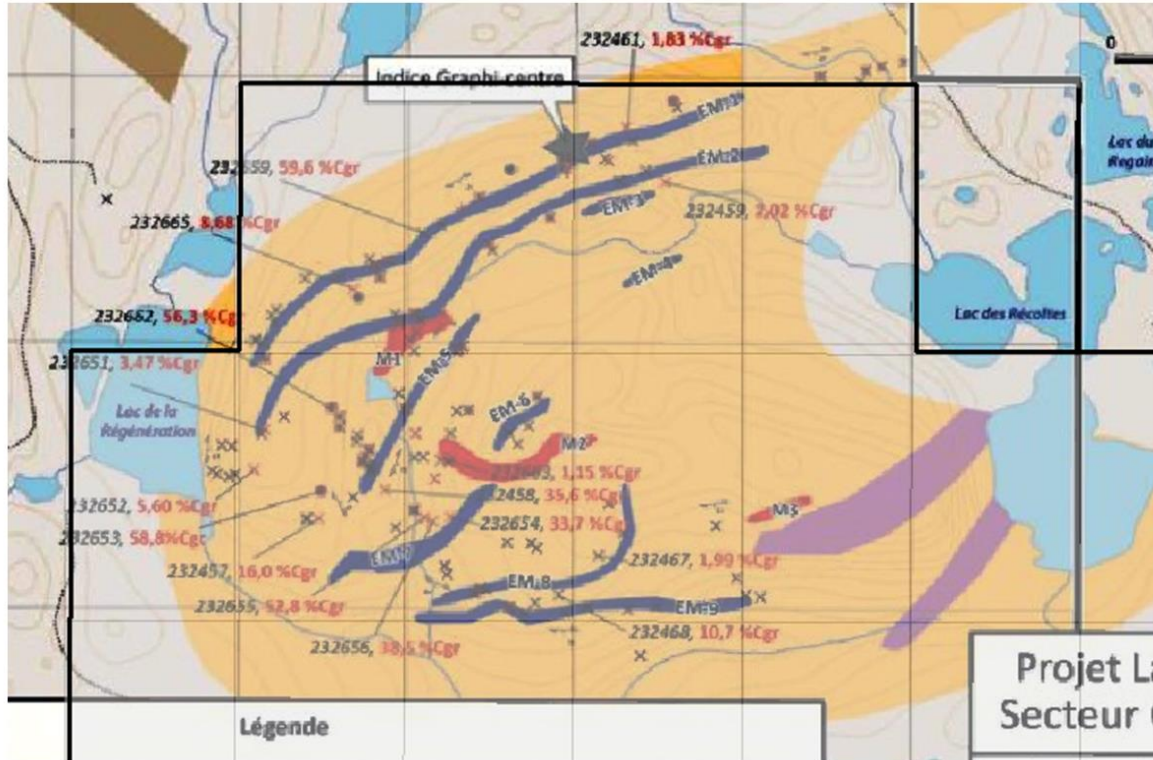
Coincident strong conductivity with lower magnetic response

→ Potential positive impact on gangue mineralogy

E-POWER 2023 EXPLORATION PROGRAM

Target 1

High Grade Cg in Grab Samples from Previous Sampling (Cg Assays in red)



Tetepisca

Priority 1 Target

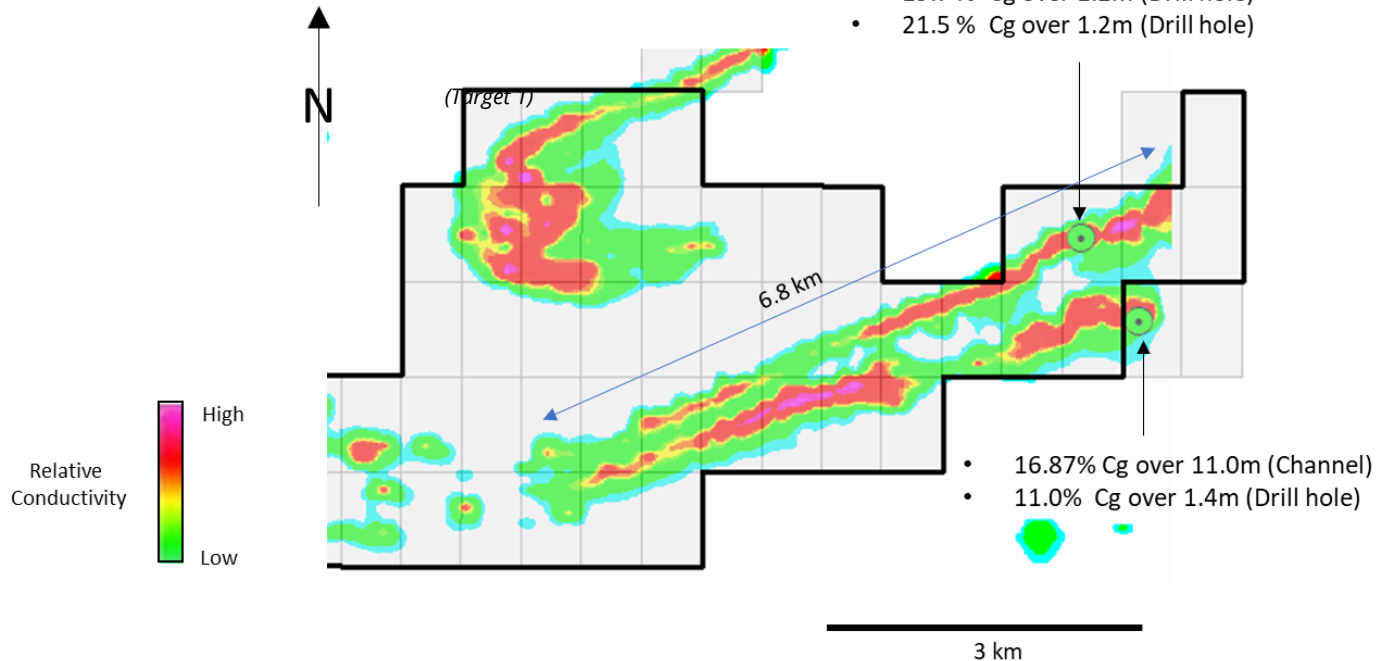
High Cg grades in historical sampling

E-POWER 2023 EXPLORATION PROGRAM

Target 2

Paired Linear Conductors with Historical Exploration Results

- 30.4% Cg over 9.55m (Channel)
- 17.22% Cg over 3.9m (Drill hole)
- 11.8 % Cg over 1.5m (Drill hole)
- 19.7 % Cg over 1.2m (Drill hole)
- 21.5 % Cg over 1.2m (Drill hole)



Tetepisca

Priority 2 Target

Long strike length of conductor pair

Very positive historical results

Unknown follow up and work along strike

E-POWER 2023 EXPLORATION PROGRAM

Target 3

Magnetics Low and Conductivity High

36.1% Cg in DDH

High Conductivity

Magnetic Low

4 km

N

Lac Geuret
Deposit

High
Low
Relative
Conductivity

High
Low
Total Magnetic
Intensity

Tetepisca

Priority 3 Target

Interpreted folded sequence of Nault Fm about a strongly magnetic core

Strong conductivity coupled with lower magnetic response

Graphite in drilling to the north