



LION
GROUP

NATURAL RESOURCES
REAL OPPORTUNITIES
A STRONGER TOMORROW

LION GRAPHITE

NATURAL FLAKE GRAPHITE | CEARÁ, BRAZIL

An advanced Brazilian natural flake graphite project supported by more than two decades of geological, metallurgical and technical work, established infrastructure and access to global markets.

CRITICAL
MINERALS
REAL
SOLUTIONS



CEARÁ, BRAZIL

Established mining jurisdiction



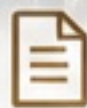
20+ YEARS

Historical geological and technical work



~160 KM

From the Port of Pecém



JORC MRE

Currently being completed



LICENSED PROJECT

Environmental licensing in place

STRATEGIC LOCATION

Located in Ceará, in northeastern Brazil, approximately 160 km from the Port of Pecém, with established infrastructure and access to domestic and international markets.



Established road access



Rail infrastructure approximately 15 km from the project



Grid infrastructure in the region



Access to water resources



Strategic infrastructure connecting to global markets.

LION GROUP

Lion Group is a family-owned Brazilian investment group with more than 25 years of experience in mining and a track record spanning mine development, operations and mineral exports. We focus on developing high-quality Brazilian mineral resources to supply global markets.



25+ years
mining experience



Operating mining
businesses in Brazil



Privately funded
development track record



Brazilian ownership

BRAZILIAN RESOURCES
GLOBAL OPPORTUNITIES



LION
GROUP

CRITICAL MINERALS
REAL SOLUTIONS

A Strategic Brazilian Graphite Platform

Positioned for diversified global supply chains

NATURAL FLAKE GRAPHITE

Natural graphite is an important industrial and strategic mineral used across multiple applications. Product characterization and application-specific qualification will define the optimal market positioning of future graphite products from Lion Graphite.



BATTERY MATERIALS

Potential applications subject to characterization, processing and qualification



REFRACTORIES

Natural flake graphite applications



EXPANDABLE GRAPHITE

Large-flake industrial applications



ADVANCED MATERIALS

Specialty graphite applications

DEVELOPMENT FOUNDATION

A SOLID TECHNICAL BASIS



METALLURGICAL WORK



Historical metallurgical testwork has demonstrated the potential to produce natural flake graphite concentrate.

Further variability testing and product characterization will support optimization of concentrate quality, flake-size distribution and potential end-use applications.

ADDITIONAL OPPORTUNITIES



Additional mineralization opportunities within the broader project area remain under technical evaluation.

The project area is prospective for other mineralization, which may provide future optionality subject to further exploration and evaluation.

LION GRAPHITE

A BRAZILIAN NATURAL FLAKE GRAPHITE PROJECT WITH AN ESTABLISHED TECHNICAL FOUNDATION AND ACCESS TO GLOBAL MARKETS.

20+ YEARS

Technical history

JORC MRE

Underway

~160 KM

To Pecém

CEARÁ

Brazil

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