

LIBS Technology

Accurate information at every phase
of mining development.

- 1 Prospecting
- 2 Exploration
- 3 Development and Studies
- 4 Production
- 5 Rehabilitation and Restoration

The LIBS technology (Laser-Induced Breakdown Spectroscopy) combined with artificial intelligence and Elemission's products, it delivers immediately usable results while requiring minimal resources to optimize your processes.

No challenge is too big for our team of experts

Contact us today



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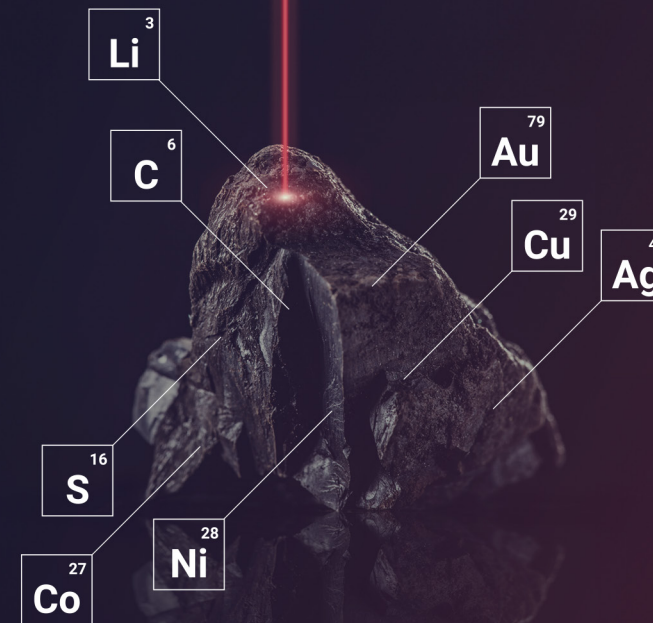


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ELEMISSION
LIBS TECHNOLOGY

→ [ELEMISSION.CA](https://elemission.ca)

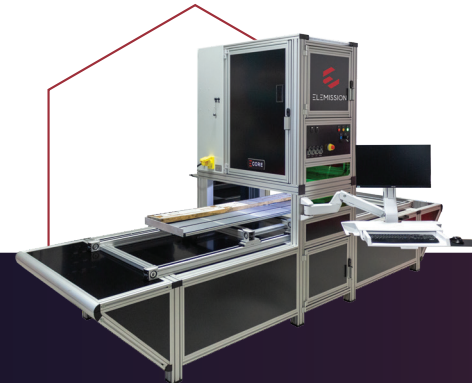


Light speed analysis.
Real-time decisions.

An automated mineralogical solutions, powered by innovation.



CORE
GEN 3



Experience the unmatched speed and accuracy of ECORE Gen3

ECORE Gen3 redefines chemical and mineralogical analysis with advanced technology that delivers precise and actionable real-time data. Equipped with LIBS laser spectroscopy and an AI-powered automated system, it significantly accelerates analysis throughput.

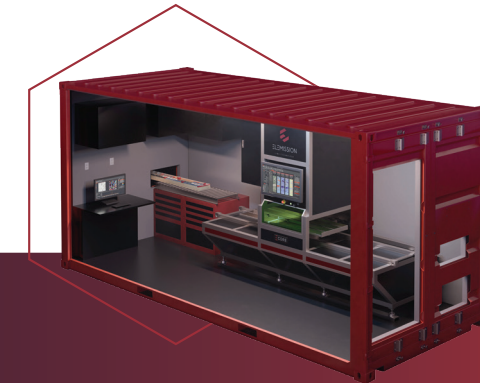
Benefits

- Precise and consistent results in minutes: 50% increase in scan speed
- A turnkey solution for ore body knowledge
- Reduce operational costs
- Generate a digital twin of the orebody
- Ability to analyze critical minerals: detection of the entire periodic table for H to U
- Enables faster operational decision-making
- No sample preparation required
- Simple to operate with minimal staffing
- High-fidelity data generation

Download
the spec
sheet



CORE
MOBILE



Optimize operations and decrease costs with ECORE Mobile

ECORE Mobile is a ore body knowledge solution that combines ECORE's reliability and accuracy with direct field use. It allows geologists and mining engineers to obtain precise, real-time analyses of critical minerals. By reducing mining operation costs and optimizing drilling campaigns, ECORE Mobile supports faster and more informed decision-making, from exploration to mining operations.

Benefits

- High data quality: accurate and consistent
- Fast analysis : no need to send samples to the labs
- Ability to analyze critical minerals: detection of the entire periodic table for H to U
- Accelerates project development studies
- Optimizes drilling operations,
- Reduces exploration costs
- Environmentally-friendly analysis method

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