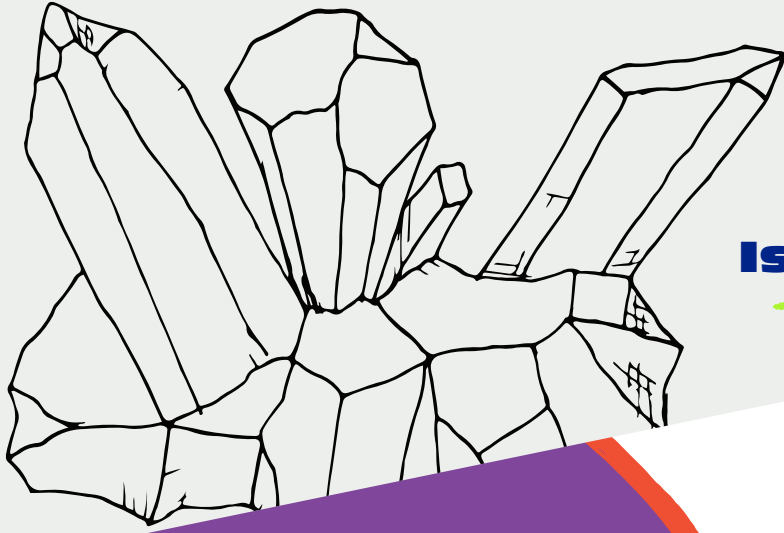


# MINING Engineering

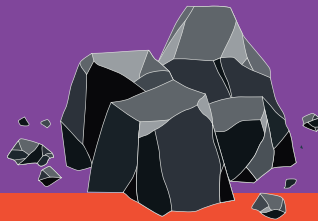
## Is it for you?



### DID YOU KNOW THAT..

The largest graphite mine in the West is located in Lanaudière.

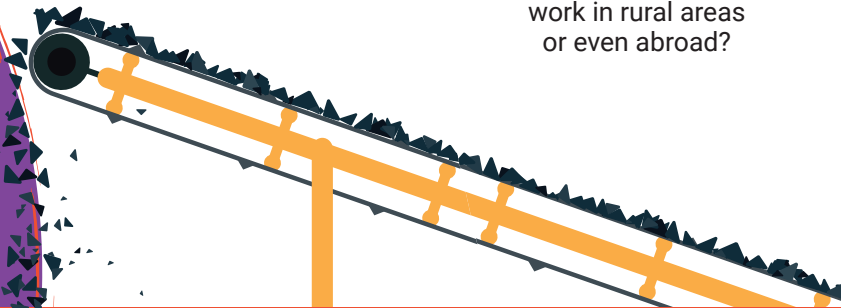
This mineral ore is increasingly sought after around the world because it can be used to produce lithium-ion batteries for electric vehicles.



Are you fascinated by the wealth of resources underground?



Would you like to work in rural areas or even abroad?



### WHAT DO THESE ENGINEERS DO?

- Perform surveys and preliminary studies of mineral ore, mineral or coal deposits to assess the economic and environmental feasibility of future mining operations.
- Determine extraction processes based on the deposit characteristics, the stability of the surrounding layers, and the thickness of coverage.
- Locate and plan the layout of mining shafts, galleries and chambers (especially for underground mining operations).
- Develop suitable drilling and blasting patterns for extraction processes.
- Develop, determine or provide the machines and installations required to process the mineral ore (crushing, sorting, drying, etc.).
- Design, develop and test computer applications for designing, modeling, representing mines and monitoring the conditions of mines.

### WHERE DO THESE ENGINEERS WORK?

- Consulting engineering firms
- Academic institutions
- Metal mining operators
- Federal and provincial government
- Mining, mining operation, quarry, oil and gas extraction industry
- Testing and analytical laboratory services

### QUEBEC MINING ENGINEERING AT THE HEART OF INNOVATION

**Underground Internet (LTE) network**  
High-performance wireless network that facilitates communication between underground galleries and the surface to increase productivity.



### AVERAGE SALARY

# \$173,064

Genium360, Compensation Survey of Engineering Employees and Graduates in Québec, 2023

## PLACE FOR YOU



**BACHELOR'S DEGREE IN MINING ENGINEERING**  
**4 YEARS**



### ENDLESS OPPORTUNITIES IN ENGINEERING!

Learn more about mining engineering and other kinds of engineering