

GEOLOGICAL Engineering

Is it for you?



Do you dream of being like Indiana Jones and exploring the Earth's caves?



Are you intrigued by Earth events like earthquakes and volcanic eruptions?



DID YOU KNOW THAT...

The oldest remains of the Earth's crust, which date back 4.28 billion years, were discovered along the coast of Hudson Bay.

The oldest proof of life on Earth is buried in northern Quebec.



WHAT DO THESE ENGINEERS DO?

- Lead explorations of regions with geological formations that may contain oil or minerals and compile regional geological data.
- Plan, develop, coordinate and lead theoretical and experimental studies in the area of mining and mining assessment, as well as feasibility studies for the mining industry.
- Analyze seismic data, electrical conductivity, density, magnetic susceptibility and other factors.
- Design and build environmental and contaminated site rehabilitation systems.
- Design, develop and test computer applications for geophysics, geochemistry, geology, mapping, and related fields.

WHERE DO THESE ENGINEERS WORK?

- Consulting engineering firms
- Building construction companies
- Academic institutions
- Metal mine operators
- Federal and provincial government
- Oil industry
- Mining, mining operation, quarry, oil and gas extraction industry

QUEBEC GEOLOGICAL ENGINEERING AT THE HEART OF INNOVATION

Saint Leonard cavern in Montreal
Explorers found undiscovered passages in this cavern in 2017. A section of 400 meters of this one-of-a-kind cavern is open to the public in the summer.



(IN FRENCH)

AVERAGE SALARY
\$125,514

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

PLACE FOR YOU



BACHELOR'S DEGREE IN GEOLOGICAL ENGINEERING
4 YEARS



ENDLESS OPPORTUNITIES IN ENGINEERING!

Learn more about geological engineering and other kinds of engineering