

CAREER PROFILE: GEOLOGIST HEATHER SEELEY



Heather has a Bachelor of Science in Geology from the University of British Columbia. She began in the field as a core logging geologist and started developing computer and data management skills. She has been managing projects, with specific insight into core logging and assay data compilation for over 16 years. She thrives on helping organize the vast amounts of information that exploration companies collect and building maps and models to visually represent the data.

Geologists examine rocks and minerals in search of large deposits that can be developed into mines. They identify and anticipate natural risks such as slope erosion or landslides. Geologists may also assess the movement of ground and surface waters in order to provide advice in areas such as waste management, route and site selection, and the restoration of contaminated sites. Geologists may supervise and coordinate well drilling and mining activities. At a mine, they are usually responsible for mine planning with the Mining Engineer. They may specialize in many areas including Exploration Geology, Development or Environmental Geology, Structural Geology, etc.

KNOWLEDGE, ABILITIES, & SKILLS

- Scientific curiosity with specific interest in rocks, fossils, and minerals
- Interest and skills in math and science
- Problem solving skills
- Enjoy outdoor work in all types of weather
- Bear awareness and wilderness First Aid
- Excellent oral and written communication
- Willing to travel and work in remote locations

EDUCATION, TRAINING, & CERTIFICATION

A four year Bachelor's Degree in Geology, Geochemistry, or Geophysics is required. To practice in the Yukon, all Geologists must be licensed by a professional association of professional engineers and geoscientists. A licence allows professional geologists to write official reports for stock markets.

SALARY RANGE*

\$70,000 - \$120,000/year

*Wage average as of July 2022.



“Geology and the exploration industry have given me so many amazing opportunities over the last 16 years: walking on glaciers in northern BC, working in the Patagonian Desert in Argentina, meeting and learning about new people and their cultures, and of course seeing a lot of cool rocks. A career in the field of geology is not without challenges, but if you can embrace the challenges as opportunities to learn and grow, then the adventures you will have are limitless.”

- Heather Seeley