



Geological Technician

Education:

Northlands College, Saskatchewan Polytechnic

High School:

Chemistry 30, Physics 30, Foundations of Mathematics 30, Pre-Calculus and Calculus 30

CAREER PROFILE >>

Geological Technician

Name: Shaedan Klein

Home Community: La Loche, SK

Education: Bachelor of Indigenous Studies, NORPAC

Employer: NexGen Energy Ltd.

Details of Job: Geological Technicians work at both mines and in exploration camps. They work with geologists to process the core and make sure all the important information is being recorded accurately. Information measured by Geological Technicians is used to describe the rock that is being drilled. This helps to define the size and shape of mineralization and also contributes to safe mining operations.

A Typical Day: Each day begins and ends with a tailgate meeting where the team gets together to review a safety moment and make a plan for the day. On a typical day, Shaedan spends time preparing core samples and taking measurements that describe the core. One important task is preparing the core for chemical analysis. This requires the core to be split in half before sending to the lab for testing. Another important responsibility is taking the point load measurements of core samples which test the strength of the rock.

About the Job: One of the best parts about the job is that the project site is close to where Shaedan grew up, and she has friends and family members who work on site. When new employees begin, Shaedan enjoys teaching them how to take measurements and samples properly.

To be a successful Geological Technician, it is helpful if you are good with numbers and can work independently. Attention to detail is really important as there are a lot of samples and core measurements to take. It is important that measurements are taken correctly, and that good, factual information is recorded.

My Education Path: After graduating from high school, Shaedan attended NORPAC in La Ronge and completed her three-year Bachelors of Indigenous Studies before continuing on to U of S to take biomedical science classes. During her time in university, she took an introduction to geology class that she enjoyed. This, along with a summer job working in an exploration camp led her into her current role as a Geological Technician.

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