



JOB GOALS

- Provide quality geological information to mine operations to maximize mining of resources
- Planning drill holes and follow-up, making sure priorities and targets are met
- Supervising mapping (core logging, sampling, 3D modelling)
- Assist with production geology activities to ensure files, maps, and records are accurate and up to date

SKILLS THAT PLAY A PART

- Interpersonal skills and ability to work in a team
- Leadership, autonomy, and team spirit
- Organization and time management
- Attention to details
- Computer knowledge (Microsoft Office necessary, mining software an asset)

EDUCATION AND TRAINING NEEDED

- Bachelor's degree in geology or geological engineering
- 5 years of experience working in geology
- Qualifications to register with Northwest Territories Association of Professional Engineers and Geoscientists (NAPEG)



ROXANNE TAKPANIE

Geologist

MELIADINE, AGNICO EAGLE

Roxanne is a geologist at Agnico Eagle. More specifically, she works as an underground production geologist at the Meliadine mine. Geology is the science of the Earth's structure, the materials of which it is made, the structure of those materials, and the processes acting upon them. As a geologist at Meliadine, Roxanne's uses her skills to find more gold ore for the mine to process.

Her and her fellow underground production geologist plan the drilling campaign, do the mapping and chipping, log core, and validate ore zones for the stopes to mine. Stopes are sections of ore, rock which is economic to mine, that are drilled, blasted, and hauled to surface for processing to recover the gold. Prior to joining Agnico Eagle, Roxanne was a geologist for the Canada Nunavut Geoscience office, located in Iqaluit. Although she now works at Meliadine, Roxanne started off working as an exploration geologist at the Amaruq project.

In order to keep progressing, Roxanne would like to gain further experience with the underground production geology department.

When asked about her biggest career-related achievement, Roxanne is quick to reference getting her bachelor's degree in geology. Her big commitment to education and her future paid off and it now allows her the opportunity to pursue her passion.