

Geotechnical Considerations

- Realignment of Highway 16 to above CN Rail was assessed to be the most preferable option in terms of stability and safety.
- Blasting will be required to create significant rock cuts to accommodate the new alignment.
- The area surrounding the project contains steep bedrock slopes and a complex variety of soils.
- Geotechnical investigations of soil, bedrock, and groundwater conditions were carried out and included drilling, laboratory testing, and groundwater monitoring.
- In order to minimize environmental impact during drilling, works were carried out during winter months, helicopters were used to lift drill rigs up onto the rock bluffs, and environmental monitors were on site to observe mountain goat behavior during the drilling operations.

