

Hydrogeology



- Wellhead protection studies
- Groundwater flow monitoring programs/transport modeling
- Groundwater Under the Direct Influence of surface water (GUDI) studies
- Groundwater resource evaluation
- Site servicing studies
- Survey/inventory of private water supply wells
- Well design and pumping tests
- Groundwater interference studies
- Permit to take water investigations and applications
- Dewatering studies



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Hydrogeology is the science that deals with the occurrence, movement, and transport of water beneath the Earth's surface and, as such, perfectly complements the geotechnical and environmental services provided by Naylor Engineering Associates Ltd. Hydrogeology studies are routinely conducted as part of development applications to assist in identifying the relationship between groundwater and natural environmental features, and to assist in the determination of potential constraints to construction. Developments proposed with private water supply and sewage disposal services require hydrogeology studies to ensure that no unacceptable impacts occur to the groundwater resource, and that a sufficient quantity of good quality potable water is available.