

GEOTECHNICAL ENGINEERING



Soil compaction testing during cut and fill operations



Test pit investigation to collect subsurface samples for a proposed new building development



Borehole field program to obtain bedrock depths to support civil design

Strum provides industry leading geotechnical engineering services, specializing in comprehensive and remote geotechnical investigations, materials testing of construction materials (e.g. soils, concrete, and asphalt) and geotechnical consultation. Our team of experienced professionals utilizes a wide range of equipment to assess subsurface conditions, offering tailored solutions that ensure the safety, stability, and cost efficiency of your projects. Whether you're planning large-scale infrastructure or complex foundation systems, Strum is your trusted partner for reliable geotechnical expertise that drives success.

KEY SERVICES

- Geotechnical investigations:
 - Boreholes
 - Test pits
 - Near shore barge boreholes
 - Swamp and bedrock probes
 - Dynamic cone penetration
- Desktop geotechnical assessments
- Materials testing:
 - Soil compaction testing
 - Concrete testing
 - Asphalt inspection
- Geotechnical soils laboratory testing
- Slope stability analyses
- Footing inspections
- Rock anchor proof tests

CLIENTS

- Municipalities
- Commercial developers
- Residential developers
- Architects
- General contractors
- Onshore wind farms
- Federal and provincial governments
- Private clients
- Utility providers

RECENT PROJECTS

- Heavy Haul Road, Botwood, NL
- Everwind Fuels - Hydrogen Facility Geotechnical Investigation, Port Tupper, NS
- IOC Thickener Tank, Labrador City, NL
- Windy Ridge wind farm, Geotechnical Investigation, East Wentworth, NS
- Kmtnuk wind farm, Geotechnical Investigation, McCallum Settlement, NS
- Bear Lake wind farm, Geotechnical Investigation, Upper Vaughan, NS
- Port Hawkesbury Paper Substation, Geotechnical Investigation, Mulgrave, NS
- Crandall Road Substation, Geotechnical Investigation, Inverness County, NS
- Weather MET Tower, Geotechnical Investigation, Country Harbour, NS

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