

SUMMIT GEOENGINEERING SERVICES

Overview

Summit Geoengineering Services (SGS) aims to provide clients with responsive and professional solutions through a range of geotechnical and environmental services. The SGS design team maintains diverse experience and technical knowledge in the civil engineering industry with expertise in soils and foundation engineering.

Geotechnical Consulting Services

- Geotechnical Engineering
- Retaining Wall Design
- Geotechnical & Foundation Forensic Investigations
- Geotechnical Instrumentation & Monitoring
- Sheeting, Shoring, & Excavation Stabilization Designs

Environmental Consulting Services

- Phase I ESA (ASTM E1527)
- Phase II ESA (ASTM E1903)
- SPCC Plan Preparation (40 CFR 112)
- VRAP Preparation (38 MRSA 343E)
- UST Removal Site Assessment (38 MRSA Chapter 691)

Exploration Services

SGS offers exploration services using an AMS 9500 VTR and AMS 9630 Pro-D PowerProbe[®], both of which are compatible with our Vertek Seismic Cone Penetration Testing (SCPTu) instrumentation. This equipment has a compact yet powerful combination of exploration capabilities that provide quality geotechnical and environmental explorations for subsurface profiling and sample collection. Exploration services include:

- Seismic Cone Penetration Testing (SCPTu)
- Hollow Stem Auger with SPT Sampling (Auto-Hammer)
- Direct Push with Soil Liner, Shelby Tube, and SPT Sampling
- Rotary Wash with N-Rock Core, Shelby Tube, and SPT Sampling
- PVC Groundwater Monitoring Well Installations, Field Vane Shear



Laboratory Testing

At Summit Geoengineering Services, we perform a variety of soils laboratory testing in accordance with applicable ASTM standards to include;

- Gradation Analysis, Hydrometer Analysis
- Atterberg Limits, Moisture Content
- One-Dimensional Consolidation, Direct Shear



Contact Information

Summit provides engineering consulting services in Maine, New Hampshire, Massachusetts, and Vermont from our offices in Lewiston, Maine and Rockland, Maine.

- Corporate Office – Lewiston, ME: Bill Peterlein, P.E. (207) 576-3313
- Operations Office – Rockland, ME: Craig Coolidge, P.E. (207) 318-7761