

## SUMMIT GEOENGINEERING SERVICES

### Overview

Summit Geoengineering Services (SGS) aims to provide clients with responsive and professional solutions through a range of geotechnical 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
- Sheet piling, Shoring, & Excavation Stabilization Designs

### Exploration Services

SGS offers exploration services using an AMS 9500 VTR and AMS 9630 Pro-D PowerProbe<sup>®</sup>, 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 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