



Geotechnical Engineering Services



Atlantic Testing Laboratories (ATL) offers geotechnical engineering field and laboratory services throughout the Northeastern United States. We are capable of providing efficient project management on geotechnical engineering projects through utilizing in-house subsurface investigation capabilities, multiple drilling rigs, and on-site logistical support (specially designed purpose-built chase trucks to carry tools, equipment, and supplies for adequate on-site servicing of the drill). As a result, real-time decisions can be made regarding the foundation design and/or modification of the subsurface investigation program to meet the specifications of the geotechnical engineering project.

Our engineering and laboratory capabilities allow **ATL** to provide the geotechnical engineering services of a large firm, yet with the personalized service of a small company. These capabilities have allowed us to concentrate our attention on project management and communicating effectively with our clients.

ATL Provides:

- ◆ Soil and Rock Engineering
- ◆ Foundation Engineering
- ◆ Fill and Subgrade Evaluation
- ◆ Engineering Geology and Rock Mechanics
- ◆ Site Selection Studies
- ◆ Resistivity and Seismic Surveys
- ◆ Instrumentation Design and Installation
- ◆ Slope Stability Analysis
- ◆ Excavation and Shoring Recommendations
- ◆ Construction Monitoring
- ◆ Condition Surveys
- ◆ Forensic Engineering
- ◆ Geosynthetic Recommendations
- ◆ Blast Monitoring and Vibration Control
- ◆ Hydrogeologic Analyses
- ◆ Groundwater Contour Mapping
- ◆ Deep Pile and Caisson Foundation Systems
- ◆ Ground Water Control and Drainage
- ◆ Hydraulics, Leaching, Permeability Studies
- ◆ Aquifer Location and Characterization
- ◆ QA/QC Geomembrane Monitoring
- ◆ Retaining Structures
- ◆ Sheet Pile
- ◆ Dynamic Pile Testing
- ◆ Cone Penetration Testing



Why ATL?

- ◆ **Communication** - ATL's Project Manager will keep clients informed on the development and progress of the work.
- ◆ **Budget** - A budget breakdown, that will enable **ATL** and the client to manage project progress and expenditures.
- ◆ **Schedule** - A scope of services with an itemized breakdown is developed for each project. **ATL** will then develop a complete project schedule identifying project targets and critical interrelationships between project components.
- ◆ **Responsiveness** - **ATL** is committed to providing clients with quick and timely responses whether in person, on the phone, through e-mail, or faxes. Our references will confirm their experiences with **ATL** Project Manager's responsiveness to requests, concerns, and questions.

ATL is a full-service firm offering a comprehensive line of technical support services. These include special inspection services, subsurface investigations, water-based investigations, construction material engineering and testing, geotechnical engineering, pavement engineering, nondestructive testing, stormwater pollution prevention planning, and surveying from our 11 offices.

For more information, contact:

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Think Quality