



Geoprobe® Services

The Geoprobe is a cost effective method of collecting soil and groundwater samples, installing monitor wells, and preparing bedrock profiles for both environmental and civil engineering applications.

Atlantic Testing Laboratories (ATL) has provided conventional drilling and Geoprobe services for more than 5,000 subsurface investigation projects. Our diversity enables us to provide services for projects of varying size and complexity.

Services

Environmental Projects: The Geoprobe provides environmental site characterizations to depths of 50 feet. It is a quick and economical supplement to conventional drilling methods.

- ◆ Collection of discrete soil samples
- ◆ Collection of groundwater samples (Screen point 15)
- ◆ Insert soil gas sampling implants
- ◆ Place temporary observation wells
- ◆ Installing permanent pre-packed monitor wells
- ◆ Oxygen Release Compound® (ORC) injection

Civil Engineering Projects: Direct push technology is well suited for a variety of civil engineering

- ◆ Identify soil type (continuous soil samples)
- ◆ Prepare bedrock profile for proposed waterline
- ◆ Collection of 2- through 12-inch concrete cores and subbase soil
- ◆ Measure static groundwater elevation
- ◆ Corrosivity sampling and analysis
- ◆ Collection of undisturbed samples using thin-walled tubes

Equipment

Standard Equipment: Our Geoprobe mobilizes with a variety of tool strings, equipment, and materials. We provide the technical expertise and services that may be required as project conditions change.

- ◆ Geoprobe model 5400/G40 hammer
- ◆ Macro-core piston rod soil sampling system
- ◆ 1.25-inch probe tools
- ◆ Screen point 15 groundwater system (4 slot screen)
- ◆ 2.125-inch probe tools for well placement
- ◆ Magnetometer
- ◆ Peristaltic pump, water level, and stainless steel mini-bailer



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

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Think Quality