

Geotechnical Drilling and Sampling



CGC Geoservices can provide **geotechnical drilling** and sampling services. Our test boring capabilities include:

- conventional disturbed and undisturbed soil sampling,
- auger sampling,
- NX diamond rock coring,
- monitoring well installations, and,
- in-place large diameter diamond coring of concrete and asphalt using truck/trailer mounted, skid mounted and portable drilling equipment.



Our **company-owned fleet of rigs** consists of:

- ADII Truck Mounted Drill Rig
- Soil Max Truck Mounted Drill Rig
- Acker XLS Track Mounted Drill Rig
- Diedrich D-50 Truck Mounted Drill Rig
- Diedrich D-50 ATV Mounted/ Skid Mount Drill Rig
- 9' x 30' Barge
- International 4900 Single Axle Dump Truck
- Case CX36 Mini Excavator
- Case 95SX Skid Loader with auger attachments
- Tandem axle enclosed trailer
- Gator 4-wheel drive off road vehicle
- Handheld GPS units for location of boreholes
- Portable drilling equipment, including a tripod, motorized cathead, electric drills and hand hammers
- Compressor
- Welding Equipment
- Support trucks (pickups with towing capacity) for each crew



We also have support equipment, including a backhoe, mini-excavator, and a skid loader with auger attachments to allow us to perform excavations for other types of soil testing, such as infiltration testing.



Our drilling capabilities have been reviewed and approved by the **Pennsylvania and West Virginia Departments of Transportation**. In this regard, we maintain Class A, B and Offshore status as a prequalified drilling contractor on PennDOT's Approved Drillers Listing of Prequalified Contractors, and are a prequalified drilling contractor for West Virginia DOT.



Our test boring experience has included contractual highway and bridge work plus many public/private projects of various sizes. With our test boring equipment we are capable of completing projects involving virtually any type of accessibility, including water borings on creeks or rivers. Our portable equipment includes a tripod, motorized cathead, electric drills and hand hammers that enable us to drill within interior building situations and difficult access sites such as wetlands and steep slopes.