

Our Staff

AGT's drilling services are managed by Mr. Craig Penton, Drilling Services Manager. Craig has over 30 years experience in the drilling and subsurface investigation field and is a licensed water well driller. Craig's years of experience in diverse drilling mediums provides a superior resource to your investigation program. Our drilling staff have experience drilling throughout the southeast from the coastal deposits of Louisiana and Mississippi to the mountainous areas of Tennessee and Kentucky. Our drill staff also have experience drilling from floating platforms for river or lake borings.

Our Experience and Capabilities

Geotechnical Soil Borings—SPT
Geotechnical Soil Borings—Shelby Tube
Geotechnical Soil Borings—Barged River Borings
Geotechnical Probes—Rock Surface Detection
Geotechnical Piezometers—Well
Geotechnical Piezometers—Vibrating Wire
Cone Penetrometer Probes—CPT
Monitor Well Installation—Landfills
Monitor Well Installation—RCRA/UST Sites
Direct Push Sampling—Geoprobe
Dewatering Well Installation—Construction Sites
Cathodic Protection Systems

The Company

Advanced Geotechnical Testing (AGT) began in 1996 as a research lab for a major geosynthetics manufacturer. As research and product development progressed, the need for a capable, independent geotechnical testing laboratory became evident. The capabilities of AGT met this need. Ownership transitioned to private individuals and transformed to its current ownership structure as a Small Business enterprise. We have now expanded our services to include drilling

Our Commitment

AGT believes in putting the needs of our clients first. Whether it is SPT drilling, Cone Penetrometer Testing, critical triaxial shear strength, permeability or index properties testing, we are committed to being responsive to your sample collection and testing requirements. It is our goal to develop strong client relationships by maintaining a superior level of quality and service.

Contact Us

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Subsurface Investigation and Assessment

Exploration Capabilities

- Soil Borings
- Soil Probes
- Rock Coring
- Piezometers
- Groundwater Monitoring Wells
- Vapor Monitoring Wells
- Recovery Wells
- Well Abandonment
- In-situ Groundwater Sampling

Available Equipment

- (1) Failing Model 1500 truck-mounted drilling rigs;
- (1) ARDCO ATV mounted drill rigs;
- (1) Hilliard ATV mounted drill rig;
- (1) Simco SK 2800 HST truck-mounted drilling rig;
- (2) Geoprobe 6620 Track-Mounted, with CPT and SPT tooling
- (1) Geoprobe 6625CPT Track-Mounted Cone Penetrometer rig
- (1) Geoprobe direct push soil sampling truck-mounted rig;
- (2) truck-mounted water-supply trucks;
- (2) ATV-mounted water supply vehicles;
- Undisturbed soil sampling equipment;
- SPT/split spoon soil sampling equipment;
- Piston samplers (for sand sampling);
- Rock core barrels;
- Slope inclinometer monitoring equipment;
- Continuous flight augers, hollow stem, mud rotary, and air rotary drilling capabilities.

Planning and successfully completing a soil investigation at a proposed project site requires skill, experience, and equipment. AGT provides all three components with complete in-house capabilities, enabling us to offer cost-effective and accurate investigative and characterization services. Our drill, CPT and probe rigs are operated by experienced and licensed personnel. Drilling and soil sampling operations can be accomplished in the most difficult terrain as well as from floating platforms. AGT personnel have performed subsurface investigations throughout the United States. We have experience with soil conditions varying from the swamps of and soft organic clays of Louisiana to the mountains and karst terrain of Tennessee and Alabama.

Procedures and equipment used to obtain soil and/or groundwater samples are adjusted to the field conditions encountered and the requirements of the exploration program. AGT has developed internal standards for subsurface investigations based upon ASTM and EPA standards, where applicable.



Additionally, we train and periodically update our field personnel on these standards.

The subsurface investigation is a key component of a successful site investigation. AGT prides itself on our capabilities and expertise in subsurface investigations. Let AGT serve your subsurface exploration and site characterization needs.



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