



STATEMENT OF QUALIFICATIONS

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An environmental subsurface investigation and remediation company

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Classification:

Licenses/Registrations:

Years of Experience:

Minority, Woman-Owned Small Business

GA, AL, SC, NC, MS and TN Drilling Licenses

Over 40 years of combined experience with on-site investigation, remediation and analysis.

INTRODUCTION

Geo Lab is a reputable, customer focused Drilling, Probing, and Remediation Company providing services across the Southeastern United States. We offer our clients a range of services including Environmental and Geotechnical sampling of soil, vapor and groundwater using Direct-Push Technology (DPT) and Hollow-Stem Auger (HSA) systems. Subsurface investigation services including MIP and HPT direct imaging technologies. Additionally, we provide a range of well installation services using DPT, HSA, DTH Air-Hammer drilling, and Rock Coring technologies for the installation of piezometers, monitoring, remediation system, and injections wells. Remediation services include the direct application of ISCO and Bioremediation materials into the subsurface via injection wells and networks of direct-push injection points. We offer this diversity of services without sacrificing quality, providing highly experienced, safety-minded technicians on every project.

COMMITMENT TO SUCCESS

A focus on customer service without compromising health and safety is paramount to successfully completing every project. We recognize that any job worth doing is worth doing well, and is one of many reasons that Geo Lab is committed to the successful implementation and completion of every job, no matter the size of the project scope.

We understand that our role is integral to the success of our client's projects. We desire a business relationship that goes beyond a "just get the job done" attitude; a business relationship that comprehends and emphasizes the health and safety of all parties impacted by the project work, as well as, a level of customer service that is unsurpassed in the industry.

Health & Safety

A commitment to safety is a core value of who we are as a company and how we operate on a daily basis to protect our employees, our customers, and the general public. We recognize the risks inherent in our industry and have embraced several behavior based programs to prevent injuries, control costs, and improve efficiencies.

- OSHA 40 Hr HAZWOPER (29 CFR 1910.120e)
- OSHA 8 Hr Annual Refresher

- LPS Training and Certification
- LPO Audits, Incident Reporting
- Annual Medical Monitoring
- Drug-Free Workplace Certification
- Zero Tolerance Substance Abuse Policy
- CPR and First Aid
- Defensive Driver Training
- New Employee Safety Orientation

Customer Service

We recognize that customer service starts with the initial contact and continues through the billing process, and that an appropriate level of communication is needed along the way to ensure customer expectations are not just met, but exceeded. Every opportunity we are offered provides us with a responsibility to partner with our clients and provide an unmatched level of customer service. In addition to proper communication, we realize that quality customer service includes a well maintained staff of knowledgeable employees and state of the art equipment. Geo Lab combines the following full line of capabilities and equipment with a professional and attentive corps of experienced technicians to ensure the highest customer satisfaction.

EQUIPMENT & CAPABILITIES

Direct-Push Technology (DPT)/Geoprobe

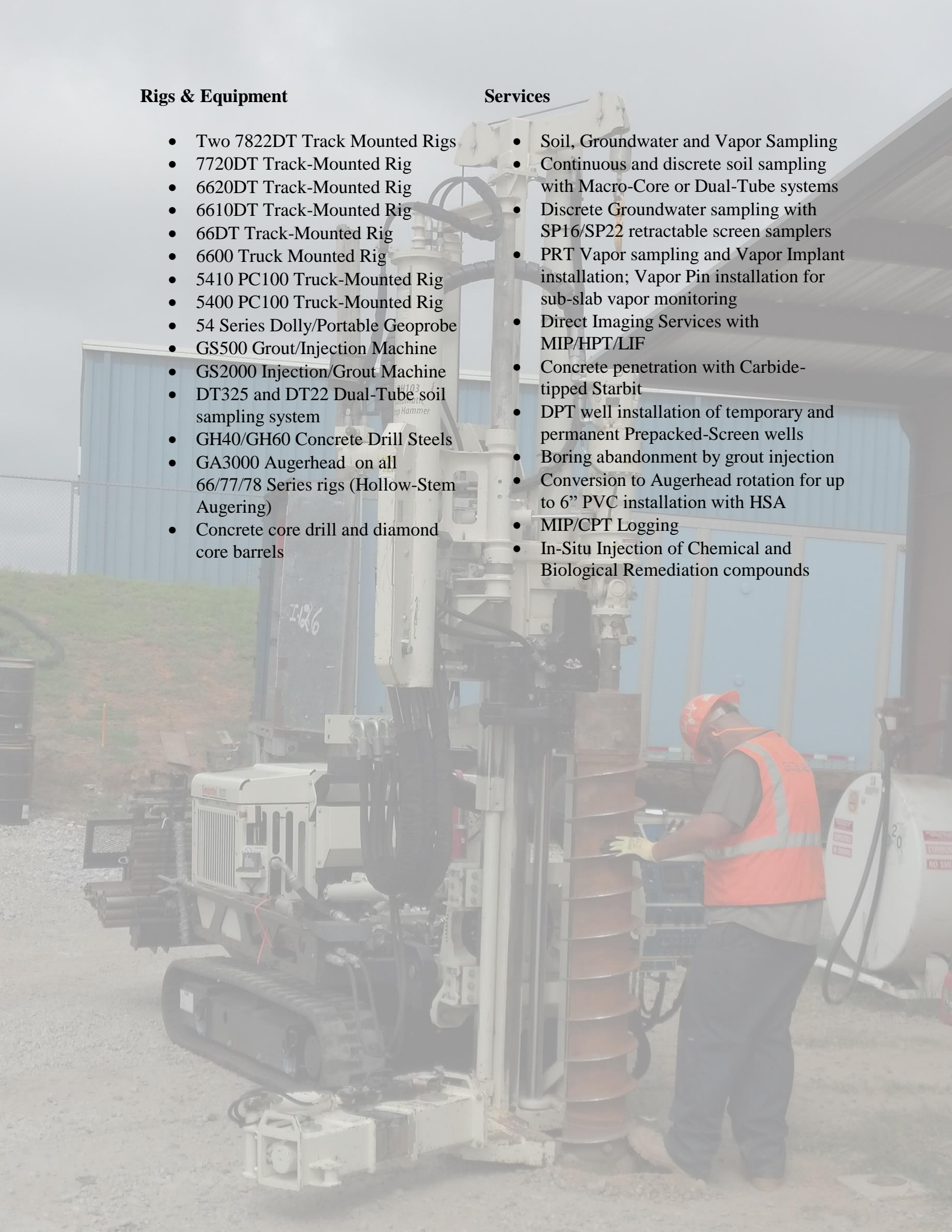
We deploy state of the art equipment to provide a reliable and consistent service to our clientele. All DPT rigs deployed by Geo Lab are manufactured by Geoprobe Systems®, the industry leader in DPT equipment. Our versatility allows us to deploy either truck or track-mounted rigs (as requested) and to convert from DPT to HSA drilling without remobilization, using ‘dual-capability’ rigs. Listed below are the DPT rigs and services provided:

Rigs & Equipment

- Two 7822DT Track Mounted Rigs
- 7720DT Track-Mounted Rig
- 6620DT Track-Mounted Rig
- 6610DT Track-Mounted Rig
- 66DT Track-Mounted Rig
- 6600 Truck Mounted Rig
- 5410 PC100 Truck-Mounted Rig
- 5400 PC100 Truck-Mounted Rig
- 54 Series Dolly/Portable Geoprobe
- GS500 Grout/Injection Machine
- GS2000 Injection/Grout Machine
- DT325 and DT22 Dual-Tube soil sampling system
- GH40/GH60 Concrete Drill Steels
- GA3000 Augerhead on all 66/77/78 Series rigs (Hollow-Stem Augering)
- Concrete core drill and diamond core barrels

Services

- Soil, Groundwater and Vapor Sampling
- Continuous and discrete soil sampling with Macro-Core or Dual-Tube systems
- Discrete Groundwater sampling with SP16/SP22 retractable screen samplers
- PRT Vapor sampling and Vapor Implant installation; Vapor Pin installation for sub-slab vapor monitoring
- Direct Imaging Services with MIP/HPT/LIF
- Concrete penetration with Carbide-tipped Starbit
- DPT well installation of temporary and permanent Prepacked-Screen wells
- Boring abandonment by grout injection
- Conversion to Augerhead rotation for up to 6" PVC installation with HSA
- MIP/CPT Logging
- In-Situ Injection of Chemical and Biological Remediation compounds



Rotary/Auger Rigs & Services

We also provide conventional rotary drilling services on both Environmental and Geotechnical projects (Auger, Air, and Wet). The range of successful well installation projects include Type II and Type III Monitoring wells, Piezometers, SVE wells, Sparge wells, Injection wells, and more. The following is a list of the rigs and services provided:

Rigs & Equipment

- CME-55 Truck-Mounted Rig
- CME-55 Truck-Mounted Rig
- Geoprobe 78/77/6620DT/6610DT Track-Mounted HSA/DPT Rig
- Geoprobe 6600 Truck-Mounted HSA/DPT Rig
- Augers: 2 ¼" HSA, 3 ¼" HSA, 4 ¼" HSA, 6 ¼" HSA, 8 ¼" HSA, and 4" Solid Stem
- AWJ rod and 2 ft Split-spoons
- Automatic Drop-Hammer
- NWJ rod for small Air-Hammer
- 3.5" API IF rod for mid-sized and large Air-Hammer (6" to 12" bits)
- DTH Air-Hammers: 4", 6", 8", 12"
- NQ Core Barrells
- Air, mud, and rock debris diverter
- Rod breakout table and wrench
- 900 CFM Air-Compressor
- Straddle Packers
- Submersible well development pumps
- Moyno 3L6 pumps
- Chemgrout High-PSI pump/mixer

Services

- Geotechnical SPT sampling with HSA and Automatic Drop-Hammer
- Environmental 2 ft. split-spoon soil sample collection
- Well installation ranging from ½" to 10" pipe (PVC, Stainless Steel, Galvanized, CPVC, Iron pipe, etc.)
- Well installation with HSA and DTH Air-Hammer into Rock
- Type II and Type III well installation (multiple casings)
- NQ Rock Coring (truck and track)
- Undisturbed sample collection (Shelby tube)
- Well abandonment/reinstallation by overdrilling with HSA
- Straddle packer testing for 4" to 6" wells or open rock boreholes.
- Well development/sampling with Submersible pump and Surge block
- Low Flow Purging and Sampling
- Anode installation for cathodic protection systems
- Electrode installation for thermal remediation systems

Remediation Injection Equipment & Services


For more than a decade, Geo Lab has developed and implemented in-situ injection systems for successful remediation of dozens of sites. Our extensive experience involves subsurface application of various chemical and biological injection materials to reduce contaminant levels by means of Chemical Oxidation, Reductive Dechlorination and Bioremediation. Application involves pressurized injection through either temporary Direct-Push points or semi-permanent injection wells. Although Geo Lab specializes in material application, we are available to assist in the design process, and assist with the selection of the most appropriate injection material, given historical site data and cleanup goals. We then tailor an application method that best suits the site lithology and selected material, and successfully meets or exceeds targeted goals. Listed below are some of the materials we have injected and some of the types of equipment and components used:

Injected Materials

- Sodium Persulfate
- Potassium permanganate
- Sodium permanganate
- Hydrogen peroxide
- Fenton's Reagent
- PermeOx Plus
- Regenox
- ORC
- HRC, HRC-X
- HRC-A (3D Emulsion)
- Plumestop
- Emulsified Oils (EOS, SRS)
- EHC, EHC-Liquid
- Zero Valent Iron
- Nano-scale ZVI
- Sodium lactate
- KB-1 Culture
- Nutrient injection
- Molasses
- Surfactant

Equipment

- Pneumatic double diaphragm pumps, ideal for application of large volumes of low viscosity and potentially reactive chemicals
- The Chemgrout 550 High Pressure pump, ideal for viscous material installation with 1600 PSI and high flow up to 15 gpm.
- The Geoprobe GS2000 injection pump is designed for extremely high pressure applications (1800 PSI) for very viscous materials like HRC or as tight lithology requires
- Numerous poly tanks from 50 to 500 gallon capacity for mixing, diluting, and recirculation
- Hundreds of feet of delivery hose with pressure ratings appropriately matched to the selected pump
- A variety of downhole injection tools for top-down or bottom-up DPT injections: Pressure-Activated Injection Probe, Retractable Injection tool with zone-isolation,
- Check valves, pressure gauges, relief valves, flow meters, and manifolds for multiple well delivery



For additional information on Geo Lab, highlights of recent key projects and the professional biographies for individuals listed in this SOQ, visit our website (<http://geolabdrilling.com/>). Please feel free to contact us at any time to discover how we can assist you with the successful completion of your next project.

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