Geotechnology At A Glance

Quality. Integrity. Opportunity. Partnership. Responsiveness. Safety. We practice these core values at Geotechnology every day. Our St. Louis, Missouri and Overland Park, Kansas offices along with our other locations in; Memphis, Tennessee; Jonesboro, Arkansas; Erlanger, Kentucky; Cincinnati, Ohio; Fairview Heights, Illinois; Lexington, Kentucky; Dayton, Ohio and Oxford, Mississippi all focus on providing solutions to our clients through a comprehensive range of consulting services in applied earth and environmental sciences; geotechnical engineering; soils, rock, and construction materials testing; non-destructive testing; special inspections; geophysics; natural systems and drilling. Technical expertise, thorough knowledge of regulations, and strong management capabilities form a solid foundation for resolution of the most complex and challenging engineering issues.

Geotechnology focuses on providing the professionals and resources that best fit our client’s goals and are necessary to successfully accomplish their projects. This approach allows us to provide more flexibility to our schedule, develop cost efficiencies and better manage day-to-day process and challenges on site. In addition to over 280 associates and ten offices, Geotechnology makes capital investments to provide responsive services. This includes our comprehensive AASHTO-approved construction materials and QA/QC soils testing laboratories, a company-owned fleet of 22 exploration rigs, and our own non-destructive testing and geophysical equipment.

Quick Stats
- Over 280 Employees
- 36 Professional Engineers (26 locally)
- 5 Environmental Scientists (5 locally)
- 20 Registered/Professional Geologists (10 locally)
- 6 Geophysicists (6 locally)
- Safety EMR below 1.0 for over 15 years
- Serving clients in the Mid-Continent since 1984
- Offices in St. Louis, Missouri; Erlanger and Lexington, Kentucky; Memphis, Tennessee; Overland Park, Kansas; Cincinnati and Dayton, Ohio; Fairview Heights, Illinois; Oxford, Mississippi and Jonesboro, Arkansas
- 22 exploration rigs including Cone Penetrometer Testing (CPT) rig and services
- Our labs are AASHTO – CCRL/AMRL certified, and USACE validated
Geotechnology At A Glance continued

Major benefits we offer transportation projects include
• One-Stop-Shop
• Uncompromising service
• Overwater drilling and CPT
• Deep foundation testing
• Geophysics
• GeoPort/electronic reporting of testing data
• Safety

With a large staff, fleet of drill rigs, soils and materials laboratories and expertise that includes geophysics, steel testing and natural systems permitting we are able to influence a project’s schedule and quality.

Uncompromising Service
We have distinguished ourselves in the industry through our responsiveness, expertise, and knowledge of our clients’ business objectives. As a result we provide professionally designed, well-executed plans that keep projects on schedule and within budget.

Safety
Geotechnology is committed to the health and safety of its employees as evidenced by the accomplishments of our technical groups throughout the company. Our Experience Modification Rate (EMR) is currently 0.93 and has been below 1.0 for more than 15 years. Our 3-year average OSHA Recordable Incident Rate is less than half of our industry’s rate. Geotechnology is a proud member of the National Safety Council.

Workforce Diversity
Geotechnology is committed to workforce and project diversity. Our workforce diversity plan led by our President and CEO has internal goals for continually enhancing our workforce diversity.

Geotechnology is committed to the use and development of M/WBE firms. The firm routinely subcontracts annually over $250,000 to M/WBE firms, which amounts to roughly 9% of the total amount subcontracted to firms supporting Geotechnology’s completion of projects. On many projects we exceed our minority participation goals.
Geotechnology At A Glance

Geotechnical Services:
- Site Evaluation
- Geology/Hydrogeology
- Seismic Site Assessment and Earthquake Engineering
- Subsurface Exploration
- Cone Penetration Testing
- Excavation and Shoring Design
- Tunnel Exploration
- Building Distress Evaluation
- Soil, Rock and Materials Laboratory
- In-situ Soils Testing and Instrumentation
- Surface and Borehole Geophysics
- Groundwater Pumping Tests
- Static Load Tests
- Crosshole Sonic Logging
- Downhole Camera Observation
- Drilled Pier Observation
- High-Strain Dynamic Testing
- Low-Strain Integrity Testing
- Pavement Design
- Slope Stability and Landslide Evaluation
- Settlement Monitoring
- Plate Load Testing

Environmental Services:
- Remedial Investigations & Feasibility Studies
- Remedial Design & Construction Observation
- Brownfields Program Management
- Landfill Permitting
- Hazardous Waste Management
- Environmental Compliance & Auditing
- Underground Storage Tank (UST) Management
- Groundwater Modeling/Monitoring
- Water Quality Permitting & Plans
- Wetland Assessment & COE Permitting
- Threatened & Endangered Species Habitat Surveys
- Phase I & II Environmental Site Assessments
- Asbestos, Lead, HHW, and Mold Management

Drilling Services:
- Foundations and Earthen Structures
- Materials Exploration and Evaluation
- Aquifer Testing
- Resource Exploration
- Grouting
- Soil Sampling, Rock Coring and In-Situ Testing
- Soil and Groundwater Contamination Assessment
- Instrumentation Installation
- Floating Platform Drilling
- Monitoring and Recovery Well Installation and Decommissioning

Geophysical Services:
- Geologic Profiling & Mapping
- Karst, Mine & Seepage Investigations
- Crosshole/Downhole & Surface Seismic ShearWave Surveying
- Downhole Geophysical Logging
- Subsurface Utility Engineering (SUE)
- Pavement Analysis
- Steel & Conduit Mapping in Concrete
- Void Mapping
- UST, Buried Debris & Foundation Locating
- Vibration Monitoring

Construction Materials Testing Services:
- Concrete Testing
- Asphalt Testing
- Masonry Testing
- Soil Testing
- Steel Testing
- Fireproofing
- Paint Thickness
- Roofing Materials
- Plastic Pipe, Reinforced Concrete Pipe
- Special Inspections as per IBC

St. Louis, MO  |  Erlanger, KY  |  Memphis, TN
Overland Park, KS  |  Cincinnati, OH  |  Fairview Heights, IL  |  Lexington, KY
Dayton, OH  |  Oxford, MS  |  Jonesboro, AR
geotechnology.com
Local Construction Inspection and Construction Materials Testing Experience

Geotechnology, Inc. has provided geotechnical engineering, construction observation and materials testing, environmental engineering, drilling services, and geophysics on a large number of projects for municipalities, public works departments, private and public organizations. Geotechnology has on-call contracts with many clients for the breadth of our services. A regional sampling of these contracts and clients include:

• Jefferson County Public Works Department - environmental, materials testing and construction observation and annual road and bridge improvements

• City of Chesterfield, Capital improvement projects - construction inspection, observation and materials testing

• City of St. Louis ARRA projects - construction inspection, observation, materials testing and oversite for compliance and specifications and plans

• City of St. Charles and St. Charles County - geotechnical, construction observation, materials testing, geophysics and environmental engineering

• Missouri Department of Transportation On-Call - bituminous plant and roadway construction superpave inspections and testing throughout District 6 in 2002, 2003, 2004

• Lambert International Airport - W-1W Expansion, East Terminal Expansion construction observation, materials testing, and non-destructive testing

• City of Des Peres - Materials testing of soils, concrete, masonry, asphalt, steel and observation of subsurface construction and foundations

• City of Clayton - environmental, geotechnical, earthwork observation, compaction testing, construction observation and materials testing, geophysical services

• C. Rallo Open End Contract - construction observation and materials testing for projects in the St. Louis Metropolitan Area

• Millstone Bangert - Missouri Interchange- quality management services. Worked performed under MoDOT’s Quality Management Program.

• City of Creve Coeur - Asphalt coring, soils sampling and materials testing on new asphalt pavement

• St. Louis County - subsurface exploration and soils borings, construction inspection, observation and materials testing

• City of Liberty, Missouri - On-Call for geotechnical consulting, materials testing and construction observation for city street improvement projects

• City of Blue Springs, Missouri - On-Call for geotechnical services, materials testing and construction observation for capital improvement projects

• City of Lawrence, Kansas - On-Call for PCCP mix design verification and specification review and field and laboratory testing of concrete and asphaltic concrete for city street improvement projects

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