



Geotechnology At A Glance



QUICK STATS

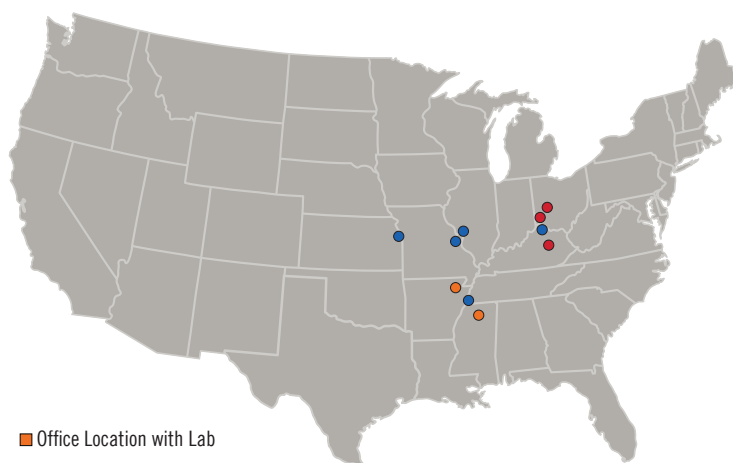
- Over 260 Employees (127 in Central Region)
- 37 Professional Engineers (18 in Central Region)
- 6 Environmental Scientists (5 in Central Region)
- 17 Registered/Professional Geologists (13 in Central Region)
- 3 Geophysicists (3 in Central Region)
- Safety EMR below 1.0 for almost 20 years
- Serving clients in the Midwest and Midsouth since 1984
- 20 exploration rigs plus our Cone Penetrometer Testing (CPT) rig and services (15 in Central Region)
- See our map below for a laboratory locations and accreditations/validations

Geotechnology, Inc. is an S Corporation founded in 1984. Our Corporate Headquarters in St. Louis and our locations in Overland Park, Kansas; and Fairview Heights, Illinois allow us to effectively serve clients in the Central Region of the country. Other locations include: Erlanger and Lexington, Kentucky; Cincinnati and Dayton, Ohio; Memphis, Tennessee; Oxford, Mississippi and Jonesboro, Arkansas.

Geotechnology acquired Memphis-based Hall, Blake & Associates in 2010, EOI - Illinois in 2013 and Thelen Associates, Inc. with offices in Ohio and Kentucky in 2015, expanding our geographic service area and enhancing the services we can provide our clients to include a comprehensive range of consulting services in applied earth and environmental sciences; exploration; geotechnical engineering; underground consulting services; soils, rock, and construction materials testing; non-destructive testing; special inspections; geophysics and deep foundation testing. 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 processes and challenges on site. In addition to almost 260 associates and ten offices, Geotechnology makes capital investments to provide responsive services. This includes a company-owned fleet of 20 exploration rigs, our comprehensive USACE validated and AASHTO-approved construction materials and QA/QC soils testing laboratories, and our own non-destructive testing and geophysical equipment.

LABORATORIES & CERTIFICATIONS



- Office Location with Lab
- Office Location with AASHTO Lab
- Office Location with AASHTO/USACE Lab

CONTACT US

St. Louis, Missouri
P 314.997.7440
F 314.997.2067

Overland Park, Kansas
P 913.438.1900
F 913.438.1923
geotechnology.com

Fairview Heights, Illinois
P 618.345.4811
F 618.345.5108

ONE-STOP-SHOP

Our goal is to understand the client's business so they can rely on one firm for an integrated package of services from environmental due diligence through construction materials testing. We want to be with you from the ground up. With a large staff, fleet of drill rigs, soils and materials laboratories and expertise that includes geophysics, steel testing and natural systems permitting we can control a project's schedule and quality.

UNCOMPROMISING SERVICE

Comprehensive and diverse services are fundamental elements in our business, and we work diligently to satisfy project demands and exceed client expectations. Each of our service groups provides a customized service plan that addresses the unique needs of the client's project. We have distinguished ourselves in the industry through our responsiveness, expertise, and knowledge of our client's 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) has been below 1.0 for almost 20 years. Geotechnology is a proud member of the National Safety Council.



Geotechnology At A Glance *continued*

GEOTECHNICAL SERVICES:

- Site Evaluation
- Seismic Site Assessment & Earthquake Engineering
- Subsurface Exploration
- Excavation & Shoring
- Mining and Underground Development Consultation
- Tunnel Exploration
- Building Distress Evaluation
- Soil, Rock & Materials Laboratory
- In-situ Soils Testing & Instrumentation
- Groundwater Pumping Tests
- Pavement Design
- Slope Stability
- 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
- Wetland Assessment & COE Permitting
- Threatened & Endangered Species Habitat Surveys
- Phase I & II Environmental Site Assessments
- Asbestos, Lead, HHW, & Mold Management
- Geology/Hydrogeology

DEEP FOUNDATION TESTING:

- Static Load Tests
- Crosshole Sonic Logging
- Downhole Camera Observation
- High-Strain Dynamic Testing
- Low-Strain Integrity Testing

EXPLORATION SERVICES:

- Foundations & Earthen Structures
- Materials Exploration & Evaluation
- Aquifer Testing
- Resource Exploration
- Grouting
- Soil Sampling, Rock Coring & In-Situ Testing
- Soil & Groundwater Contamination Assessment
- Instrumentation Installation
- Floating Platform Drilling
- Monitoring & Recovery Well Installation & Decommissioning
- Cone Penetrometer Testing (CPT)

CONSTRUCTION MATERIALS TESTING SERVICES:

- Concrete Testing – Field Services
- Concrete Testing – Laboratory Services
- Asphalt Testing
- Soil Testing
- Steel Testing
- Fireproofing
- Paint Thickness
- Roofing Materials
- Plastic Pipe & Reinforced Concrete Pipe
- Special Inspections as per IBC

GEOPHYSICAL SERVICES:

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

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 oversight 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

QUALITY

INTEGRITY

RESPONSIVENESS

PARTNERSHIP

OPPORTUNITY

St. Louis, MO | Erlanger, KY | Memphis, TN

Overland Park, KS | Cincinnati, OH | Fairview Heights, IL | Lexington, KY

Dayton, OH | Oxford, MS | Jonesboro, AR



FROM THE GROUND UP

geotechnology.com

Local Environmental Experience

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

- Jefferson County Public Works Department – On-call contract for environmental and construction materials testing services associated with annual road, street and bridge improvements.
- St. Louis Development Corporation USEPA Brownfield Grant Projects – On-call contract with St. Louis Development Corporation (SLDC) to provide various environmental services on USEPA-funded projects including Phase I and Phase II Environmental Site Assessments (ESAs), Brownfield assessments, and underground storage tank (UST) closure.
- St. Charles County Government – On-call contract for environmental consulting services including Phase I ESAs, Phase II ESAs and asbestos surveys.
- Lambert St. Louis International Airport – Performed Phase I ESAs, asbestos surveys and asbestos abatement monitoring and clearance sampling for numerous properties during the W-1W expansion.
- City of Blue Springs, Missouri – Performed Phase I and Phase II ESAs, UST closure, and remedial soil excavation observation during redevelopment of the City's government building.
- City of Clayton New Police Headquarters – Performed asbestos surveying and asbestos abatement monitoring and clearance sampling during the redevelopment of a multi-story building that would become the new police headquarters.
- City of Ladue Stormwater Needs Assessment – Performed a visual reconnaissance of several miles of a primary tributary that flows through the City to assess streambank stabilization issues and to assist the City with prioritizing repairs.
- City of Brentwood Various Properties – Performed numerous Phase I and Phase II ESAs of properties that the City was interested in purchasing as part of a flood buyout program.

QUALITY

INTEGRITY

RESPONSIVENESS

PARTNERSHIP

OPPORTUNITY

St. Louis, MO | Erlanger, KY | Memphis, TN

Overland Park, KS | Cincinnati, OH | Fairview Heights, IL | Lexington, KY

Dayton, OH | Oxford, MS | Jonesboro, AR

