



GEOTECHNICAL ENGINEERING

Geotex provides comprehensive geotechnical solutions to help you understand the ground conditions of your construction project and prepare for unique challenges associated with the site.

Our team uses industry best practices and advanced technology to deliver practical and economical solutions from site investigation to foundation recommendations so you can design your project with confidence.



ENGINEERING

The Geotex team provides foundations, retaining walls, earthwork, and pavement recommendations as well as optimized foundation recommendations developed through instrumented load testing of drilled shaft and augered cast-in-place pile foundations.



DRILLING

Geotex drill crews operate a fleet of truck, track and ATV-mounted drilling rigs. We have completed thousands of geotechnical drilling projects in Texas, Oklahoma, New Mexico, and Colorado. Our team has also completed resource investigations via drilling and sampling of soils and bedrock.



LABORATORY

The Geotex geotechnical laboratory is accredited by AASHTO, TxDOT and the US Army Corps of Engineers, and is staffed by TxDOT certified technicians. Our laboratory staff routinely performs Index Property, Strength, Volume Change and Chemical Property tests on soil and bedrock samples.



GO GEOTEX FOR

SITE INVESTIGATIONS

On site drilling and investigation program that assesses the surface and subsurface conditions of your project site.

GEOTECHNICAL ANALYSIS AND DESIGN

Analysis and design services that provide a thorough understanding of soil and rock behavior at your project site.

EARTHWORKS AND EXCAVATION

Recommendations that promote stability and safety on your project site.

GEOTECHNICAL FORENSIC INVESTIGATIONS

Site condition observation, inspection, testing and analysis to help identify the causes of structure failures and distress.

ANALYSIS, TESTING, AND RECOMMENDATION SERVICES:

- Slope and wall stability analysis
- Bearing capacity and settlement analysis
- Foundation design recommendations
- Retaining wall design recommendations
- Ground improvement recommendations
- Pavement designs
- Excavation support recommendations
- Retention system recommendations
- Groundwater control recommendations
- Cut and Fill Analysis
- Geotechnical drilling and soil sampling
- Conventional and wireline rock coring
- Wash and air-rotary drilling
- Laboratory testing of soil and rock samples
- Failure analysis of slopes, foundation, retaining walls, and pavement
- Forensic laboratory testing
- Recommendations for design of remedial measures

GO GEOTEX

geotex-engineering.com

DBE | HUB | SBE | WBE | WOSB

