



CTL ENGINEERING'S GEOTECHNICAL DEPARTMENT ROUTINELY PERFORMS SUBSURFACE INVESTIGATIONS, SOIL AND ROCK TESTING. WE PREPARE ENGINEERING REPORTS, MAKE RECOMMENDATIONS REGARDING FOUNDATION AND CONSTRUCTION TECHNIQUES AND PERFORM OTHER GEOTECHNICAL SERVICES AS DICTATED BY A GIVEN PROJECT.

DRILLING SERVICES:

CTL Engineering owns and operates its own fleet of drill rigs. Our rigs are capable of Hollow Stem Augering, Rotary Core Drilling and Direct Push Sampling. CTL is able to perform in-house energy transfer calibrations on all of its automatic drive hammers. In fact, CTL calibrates many of our competitors' drive hammers as well.

CTL has continuously owned and operated drilling equipment since the 1970's. We have the equipment and experience to perform just about any geotechnical or environmental drilling project you may have.

ANALYTICAL LABORATORY:

Our soils laboratory has been accredited by AMRL since 1999. The lab has consolidometers, triaxial and direct shear apparatus, permeability devices, soil compaction, soils classification equipment and other laboratory testing equipment. We routinely perform testing on undisturbed, as well as remolded soil samples. We also provide strength and durability testing services on rock samples.

GEOTECHNICAL SERVICES:

- Complete Subsurface Exploration Study
- Foundation Analysis
- Pile, Pier and Caisson Analysis and Inspection
- Embankment and Earth Dam Analysis
- Slope Stability Analysis
- Settlement Analysis
- Pavement Design
- Rock and Mineral Testing
- Hydrogeologic Studies
- Field and Laboratory Testing of Soils/Rock
- Legal Testimony
- Dynamic Pile Testing

CTL ENGINEERING ROUTINELY PROVIDES SUBSURFACE INVESTIGATIONS ON THE FOLLOWING:

- Roads and Bridges
- Airport Terminals, Runways and Taxiways
- Water/Wastewater Treatment Facilities
- Hospitals, Parking Garages, Higher Education, and PK-12 School Facilities
- Energy Facilities
- Telecommunication Towers
- Commercial, Retail, and Industrial Facilities

