

Geotechnical

- Test Borings & Rock Coring
- Undisturbed Sampling
- Depth-to-Rock Probes/Proof Drilling
- Instrumentation & Monitoring Wells

Test borings are performed by drilling, logging, and collecting samples using standardized testing procedures defined by the American Society for Testing and Materials (ASTM). The data and samples collected during these in-situ tests are analyzed to determine properties of the soil and rock, which are utilized by engineers to provide civil and structural designs.

Many different combinations of drilling methods, sampling procedures, and testing may be employed during the course of a site geotechnical investigation. Additional laboratory analysis may be performed to further measure and define the properties of the soil and rock.

As with any engineering discipline, accuracy and completeness of testing is critical to achieve satisfactory results. Earthcore has partnered with engineers to perform thousands of successful geotechnical investigations across multiple states, encountering extreme variations in site access and subsurface conditions. Custom rigs and support equipment are often modified or fabricated and deployed to ensure all boring locations can be accessed to complete the investigation.

Earthcore is the reliable resource to perform drilling on difficult-to-access sites and in pinnaced karst formations when prior attempts have failed. Engineers rely on our ability to achieve a high level of success in completing the entire scope of work on the extreme projects.

