



GEOTECHNICAL ENGINEERING SERVICES



NGE is a leading and recognized expert in the geotechnical engineering field. Our geotechnical practice combines senior geotechnical engineers with our in-house drill rigs and drilling staff to streamline geotechnical designs. Our team is experienced in characterizing subsurface conditions and predicting reactions to variable loading conditions. The benefits of utilizing our geotechnical engineering services often result in improved foundation design, fast-track construction time, lower project costs, and reduced delays. We are especially experienced and qualified in dealing with the types of geotechnical issues typically encountered in the Appalachian region.

SOME OF THE GEOTECHNICAL ENGINEERING SERVICES NGE PROVIDE INCLUDE:

- Commercial development geotechnical investigations and reports
- Shallow and deep foundation analysis
- Highway and bridge geotechnical studies
- Well pads and compressor stations geotechnical investigations
- Water storage tank investigations
- Freshwater and wastewater impoundment investigations
- Mine subsidence investigations
- Pile drivability studies
- Groundwater and seepage studies
- Slope stability studies
- Fill embankment analysis and design
- Cut slope analysis and design
- Retaining wall design
- Landslide investigations and remedial designs
- Laboratory soil testing
- Geotechnical instrumentation



NGECONSULTING.COM

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SAFETY STATS:



2016-2018 TRIR = 0 / 2016 - 2018 DART = 0 / 2019-2020 EMR: WV/OH 1.0 | PA .95