

Geophysical Services



Quality Geophysics, a division of Quality Geosciences Company represents licensed professional geologists with experience evaluating complex soil, bedrock, and groundwater issues throughout the Mid-Atlantic region.

Geophysical surveys performed by our technically skilled staff provide cost effective information with minimal impact. Those who employ geophysics in settings where conditions can be highly variable often find a competitive edge with more comprehensive information at lower overall costs and reduced liability. An effective tool in the hands of our experts, geophysics provides an advantage adhering to accelerated project schedules by screening an area and focusing other investigation activities on features that can otherwise be overlooked.

OUR COMMITMENT:

Quality Geophysics is committed to providing practical solutions and delivering them within a timely manner. We look forward to meeting the challenges of your project and becoming a reliable partner for your organization.

The Quality Geosciences Geophysics Group has experience working for both public and private clientele on a variety of projects. We have been qualified as experts in a number of courts. Quality Geophysics is fully capable of performing the following services:

- Geophysical Survey Design
- Geotechnical Assessment
 - Subsidence and Karst Investigation
 - Top of Bedrock
 - Bedrock Rippability
 - Rock slope stability
 - Foundation Determination
 - Soil resistivity and Corrosivity Measurements
 - Bedrock Quality
- Structure Evaluation
 - IBC Site Classification (Vs30)
 - Rebar Measurements in Concrete
 - Sub-slab void Assessment
 - Historic Foundation Determination
- Environmental Investigations
 - Location of Underground Storage Tanks
 - Fracture and Fault Locating
 - Identification of Preferential Permeability
 - Landfilled Material Identification and Delineation
- Geologic Surveys
 - Acid Rock Vein Identification
 - Reserve Assessments
 - Geologic Hazard Assessment
 - Subsurface Condition Mapping
- 40-hour HAZWOPER and MSHA trained Personnel
- Independent Quality Control and Quality Assurance

The key to geophysical investigations is a fundamental understanding of the physical measurements and tools used to make the measurements that permit the interpretation of geological or structural conditions hidden from view. The Quality Geophysics understands the importance of properly designed surveys and has the experience necessary to develop an investigation that will adequately define and enhance your project. QG employs the following techniques to analyze the subsurface:

- Seismic Refraction
- Resistivity
- Ground Penetrating Radar
- Electromagnetic
- Seismic Reflection and Surface Wave Dispersion
- Gravity
- Magnetic
- Borehole Geophysical Methods

