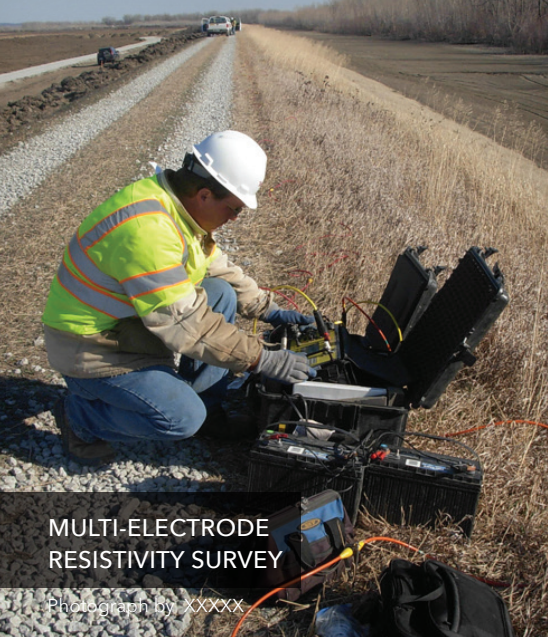
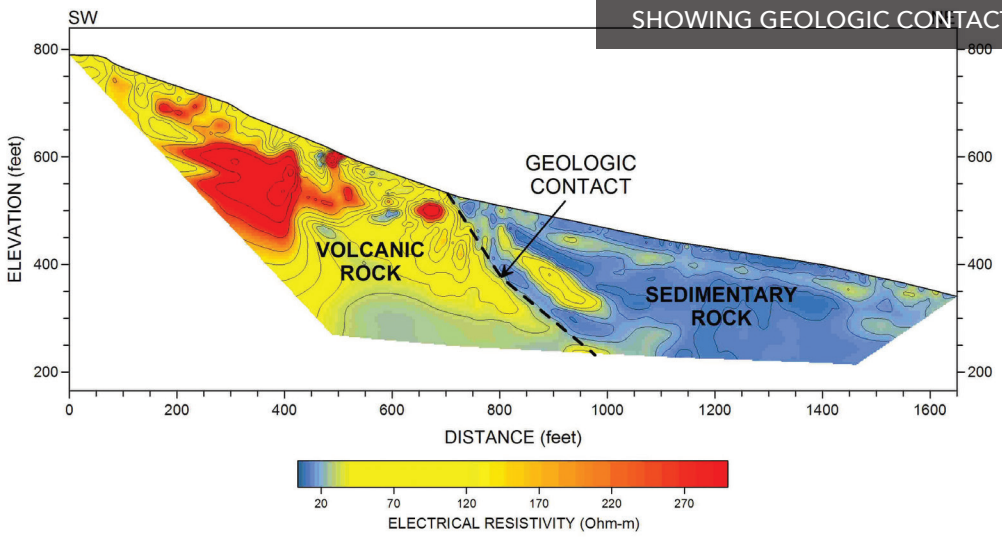


MULTI-ELECTRODE RESISTIVITY SURVEY

Photograph by XXXXX

ELECTRICAL RESISTIVITY PROFILE SHOWING GEOLOGIC CONTACT



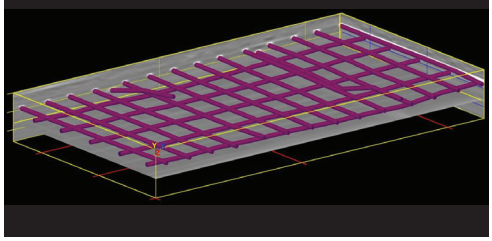
Exploration Services | Geophysical Capabilities

Geophysics is a non-destructive and efficient investigative tool for both routine and complex projects. Terracon's staff of highly qualified geophysicists routinely work with a broad spectrum of clientele to provide necessary geophysical information for the exploration, planning, design, locating, and/or evaluation of:

- Contaminated sites and environmental clean up/remediation
- Vital infrastructure (tunnels, roads, pipelines, power plants, landfills, water supplies, airports, dams, levees, and energy-related facilities)
- Characterization of sites with complex geological conditions (buried stream channels, faults, landslides, sinkholes, voids, rock conditions, and groundwater seepage)
- Underground obstructions beneath a project site that could cause delays or safety issues
- Protection of surrounding structures using vibration monitoring
- New or existing foundation assessment (integrity and dimensions)
- Characterization of unsafe or inaccessible sites for traditional exploration methods (steep slopes, marine environments, existing structures)

Geophysical methods can be used independently or integrated with other investigative methods such as test borings and other sampling programs. Geophysical methods provide subsurface information that cannot be gathered by other invasive methods. The results can be used to plan or guide subsequent work including placement of boreholes, wells, and exploratory shafts or to avoid potential subsurface hazards.

3D GPR SURVEY TO LOCATE EMBEDDED REBAR



Geophysical surveys offer a major advantage over traditional investigative techniques in that rapid data acquisition is obtained safely with little or no site disturbance.

- Geophysical methods can be used to:
  - Determine soil and rock properties
  - Investigate groundwater basins
  - Map geologic structure and geologic hazards (landslides and faults)
  - Delineate and characterize landfills and hazardous waste
  - Locate buried tanks, utilities, debris, and historical/archaeological objects
  - Determine subsurface seepage zones
  - Characterize karst potential and investigate sinkholes
  - Assess pavements for thickness and integrity (delaminations)
  - Locate embedded reinforcing steel (e.g., PT cables) and conduits
  - Locate subsurface voids

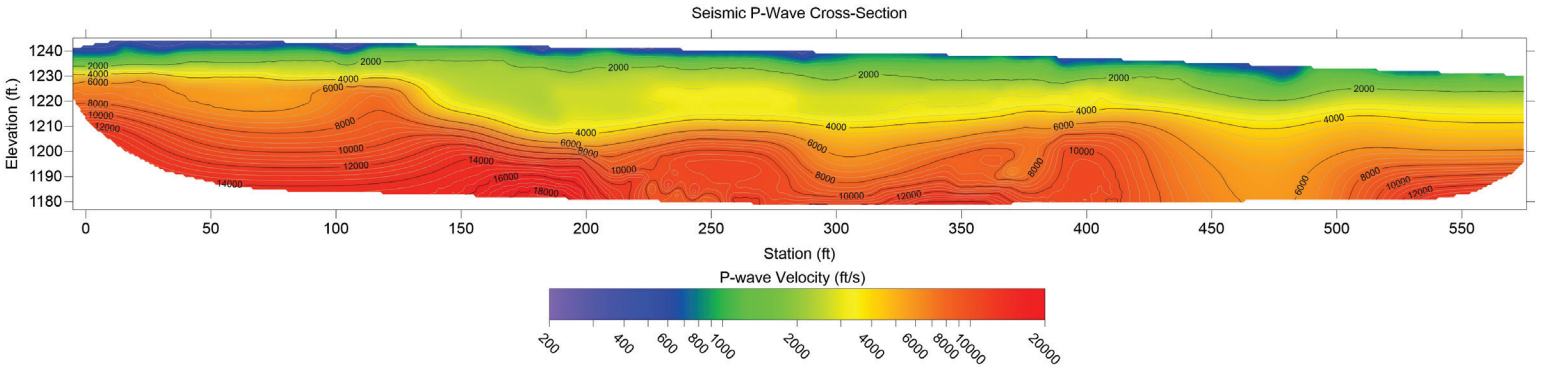
Terracon
Explore with us

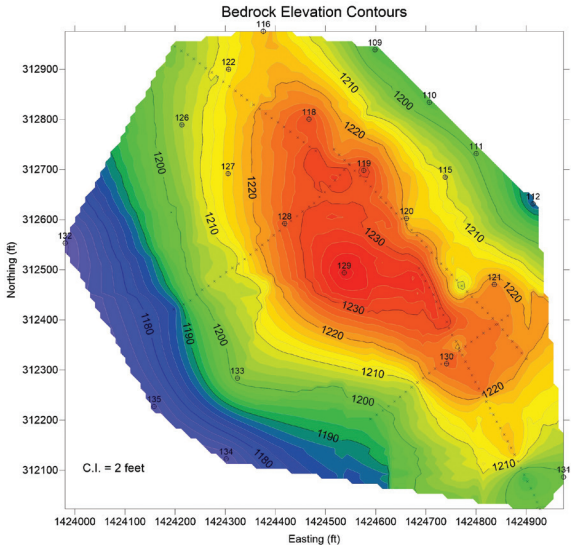
Nationwide
Terracon.com

- Facilities
- Environmental
- Geotechnical
- Materials

SEISMIC REFRACTION SURVEY

Seismic data helps locate and map depth to bedrock beneath a project site as well as determine the bedrock rippability.





Why Terracon?

Resourceful. We enable you to evaluate sites for proposed developments prior to performing intrusive explorations, saving you time and money.

Responsive. Drawing upon more than 50 years of experience, we develop a customized geophysical approach providing you with the most cost-effective manner to compile and synthesize data.

Reliable. We deliver high-quality, expert soil and rock characterization using diverse exploration methods and software. This ensures the accurate and precise results you need to be successful.

ENR Rankings 2022

- #1 *Asbestos and Lead Abatement*
- #12 *Top 100 Pure Designers*
- #21 *Top 500 Design Firms*
- #46 *Top 150 Global Design Firms*
- #61 *Top 200 Environmental Firms*
- #10 *Top 20 General Building*

Terracon
Explore with us

Nationwide
Terracon.com

- Facilities
- Environmental
- Geotechnical
- Materials