



## Geophysical Services

- Seismic refraction
- MASW and refraction microtremor
- (Re/Mi) seismic site classification and shear wave imaging
- Ground penetrating radar surveys
- Ground vibration monitoring and blast monitoring
- Electromagnetics
- Electrical resistivity profiles, sounding, and imaging
- Magnetics
- Microgravity
- Borehole and excavation utility clearance
- Crosshole sonic logging of drilled shafts
- UXO evaluation
- Thermal resistivity
- Impact echo
- Marine Sub-Bottom Profiling

## Forensic and Structural Evaluations

- Detecting voids beneath concrete slabs
- Measuring reinforcing steel spacing and depth in concrete
- Concrete defect evaluations
- Rebar condition evaluations
- Changes in soil conditions due to water leaks
- Presence of soil nails and tie-backs
- Asphalt and concrete pavement thickness HAZWOPER and specialty training

## Forensic and Structural Evaluations

- Vibration monitoring during construction
- Locating subsurface utilities
- Measuring depth to bedrock
- Evaluation of rippability
- Delineation of buried channels
- Evaluation of potential scour depth at existing bridge structures
- Evaluation of potential defects in drilled shafts
- Designation of underground storage tanks and buried drums
- Evaluation of landfill cells
- Evaluation for presence of undocumented dump sites



"Dig Deeper" - Click to Learn More

*"As always it is a real pleasure to work with your team. [Your staff] continues to provide the District with exceptional professional expertise and is always my go-to contact for our most challenging projects with hazards issues. The other staff that I have directly worked with are all top notch. I hope to continue working with you and your staff in the future."*

- Paul Garcia-Graivanu, Project Coordinator  
San Diego Unified School District