



Electrical Resistivity



Electromagnetics

## Firm Background

Established in San Diego in 1986, Ninyo & Moore is one of the largest engineering firms specializing in Geotechnical Engineering, Environmental Engineering and Materials Testing and Inspection Services. Engineering News Record (ENR) recognizes the firm as one of the Top 500 Design Firms in the United States.

Ninyo & Moore has fully equipped and certified in-house testing laboratories that offer full-service field and laboratory services for geotechnical design, and soil and materials testing projects.

## Professional Staff

Ninyo & Moore's staff of 500 certified and registered professionals includes:

- Geotechnical engineers
- Civil engineers
- Engineering geologists
- Hydrogeologists
- Geophysicists
- Field technicians
- Special inspectors
- Environmental engineers
- Environmental scientists
- Industrial hygienists
- Asbestos consultants
- Safety professionals
- Indoor environmental consultants
- Microbial consultants
- Lead consultants
- Qualified SWPPP developers/practitioners
- Hazardous waste and regulatory compliance specialists

## Locations

Ninyo & Moore has offices located in the western United States, including California, Arizona, Nevada, Colorado, Utah, and Texas.

## Contact Us

800.427.0401 or  
nminquiries@ninyoandmoore.com

Ninyo & Moore has performed numerous geophysical evaluations on behalf of municipalities, public agencies, private owners, insurance companies, and law firms. Our geophysical services provide methods for non-destructive evaluation of subsurface issues, as well as various building components.

Our geophysical group is highly qualified to perform a full spectrum of geophysical services, such as:

- 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

## 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

## Geotechnical and Environmental 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



Crosshole Seismic