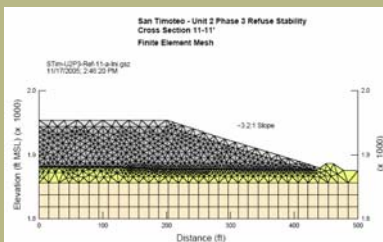




Geotechnical Services



Geotechnical Site Evaluations

- Site reconnaissance/Feasibility studies
- Geophysical surveys
- Subsurface exploration
- Laboratory testing
- Seismicity studies

Geologic Investigations

- Aerial photograph interpretation
- Geologic mapping
- Geologic hazards/constraints maps
- Landslide evaluation & mitigation
- Fault studies

Hydrogeologic Evaluations

- Aquifer characterization
- Groundwater & vadose zone monitoring
- Groundwater flow modeling

Engineering Evaluations

- Foundation design
- Liquefaction evaluation & mitigation
- Ground improvement
- Slope stability & deformations
- Settlement
- Finite element modeling

Earthquake Engineering

- Seismicity evaluation
- Probabilistic seismic hazard analysis
- Site response analysis
- Seismic deformation analysis

Construction Monitoring

- Construction quality assurance
- Geotechnical instrumentation & monitoring
- TDR probe installation & monitoring