



*“Providing Geotechnical Engineering,  
Soils and Materials Testing, and  
Special Inspection...”*

**Diverse and Integrated Solutions**

Our clients face technical challenges during the course of their projects and Willdan responds to those needs by providing cost-effective, diverse, innovative, and integrated solutions.

**Willdan offers geotechnical engineering,**

engineering geology, soils and materials testing, and special inspection services. Our consulting engineering and construction support services are provided to public agencies and school districts for capital improvement and modernization projects, and to private developers for major civil and commercial/industrial projects or as third-party reviews. Willdan has successfully completed a wide range of projects including infrastructure improvements, transportation, institutional and essential facilities, commercial and industrial developments, and park and recreational projects, and regulatory review. Our broad scope of services and extensive staff experience enable us to respond rapidly to all aspects of our clients' geotechnical and materials testing needs. We maintain a full-service soil and materials testing laboratory certified by the City of Los Angeles, Division of State Architect (DSA), and the California Department of Transportation (Caltrans). Our services include the following:

- Geotechnical investigations and foundation engineering
- Engineering geology
- Soils and materials testing, and special inspection
- Forensic investigation
- Earthquake and seismic hazard engineering



**Willdan** has had two primary objectives since our inception in 1964—ensuring the success of our clients and enhancing our surrounding communities. Working steadily toward these goals we gained a notable reputation for technical excellence, cost effectiveness, and client responsiveness in providing superior engineering and planning consulting services. In recent years Willdan has expanded our service offerings into several vital areas including financial and economic analysis, homeland security, environmental remediation, and sustainability. We have crafted this set of integrated services so that, in the face of our evolving environment—whether economic, natural, or built—Willdan can continue to extend the reach and resources of our clients.

**Willdan Corporate Headquarters**  
2401 East Katella Avenue, Suite 300  
Anaheim, California 92806

**800.424.9144 | [www.willdan.com](http://www.willdan.com)**

**Willdan Geotechnical** extends the broad range of Willdan's integrated services by offering a full complement of geotechnical engineering and soils and materials testing and inspection services, including a soils and materials testing laboratory certified by the City of Los Angeles, DSA, and Caltrans.

**Willdan Geotechnical**  
1515 South Sunkist Street, Suite E  
Anaheim, California 92806

**714.634.3318 | [www.willdan.com](http://www.willdan.com)**

## SERVICES

### Geotechnical Engineering

- Subsurface exploration
- Shallow and deep foundation design
- Settlement analysis
- Slope stability evaluation
- Earth retaining structures
- Mass grading
- Ground improvements and soil stabilization
- Construction observation and monitoring

### Earthquake Engineering

- Dynamic soil behavior
- Ground motion study
- Seismic hazard evaluation and mitigation
- Performance evaluation of slopes and retaining walls
- Rehabilitation of existing foundation systems

### Engineering Geology

- Geologic mapping
- Fault investigation
- Landslide investigation
- Slope erosion investigation and stabilization
- Dewatering analysis



### Full-Service Geotechnical Laboratory Capabilities

- Atterberg limits
- California bearing ratio
- Compaction and consolidation
- Collapse
- Direct shear
- Expansion index
- Grain size distribution
- Hydrometer analysis
- In-situ moisture and density
- Sand equivalent
- Specific gravity
- Unconfined compression

### Construction Materials Testing and Inspection

- Pre-stressed and reinforced concrete
- Shotcrete/gunite
- Structural masonry
- Structural steel welding and high-strength bolting
- Building inspector
- Fireproofing
- Epoxy injection
- Batch plant inspection
- Concrete cylinder sampling and testing
- Core extraction and testing
- Pull testing
- Reinforcing steel sampling and testing
- Masonry mortar/grout/prism testing
- Non-destructive testing
- Mix design review
- Special/custom testing

*For more information on our geotechnical services, please contact:*

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