

## KAMRAN GHIASSI, Ph.D., CE, GE

Principal

### Years of Experience

15

### Education

Ph.D., University of Illinois at Urbana, Civil Engineering, 1998

M.S., University of Illinois, Urbana, Civil Engineering, 1991

B.S., University of Tehran, Iran, Engineering Geology, 1987

### Professional Data

Registered Civil Engineer, State of California, #36679

Registered Geotechnical Engineer, State of California, #2792

OSHA 40-hour Health & Safety Training Certificate

Registered Nuclear Gauge Operation Certificate

### Key Qualifications

Kamran Ghiassi has more than 15 years of progressively responsible experience with geotechnical, hydrogeology, geo-environmental, and engineering geology projects. His experience includes a wide variety of projects involving design of foundation and deformation analysis for public and private facilities, including residential/commercial/ industrial developments, structures, and landfill projects, seismic and geohazard evaluation of public and commercial/industrial developments, as well as slope stability analysis of slopes and landslides. Kamran has successfully completed more than 400 geotechnical investigations for the projects with soil engineering budget ranging from \$1,000 to \$500,000.

### Relevant Experience

- **2221 Pullman Avenue, Belmont (2009).** Performing a geotechnical investigation and preparing a soil report for repair and replacement of a damaged retaining wall.
- **82 Belbrook Way, Atherton (2009).** Performing a geotechnical investigation and preparing a soil report for proposed building and a new retaining wall.
- **636 College Avenue, Palo Alto (2009).** Performing a geotechnical Investigation and preparing a soil report for proposed backfilling of basement and providing recommendations for drainage.
- **3029 Yolo Avenue, El Cerito, (2007),** Performing a geotechnical investigation and preparing a soil report for construction of a retaining wall.
- **Slope Stability Analysis for Millbrae Project (2000).** Staff Engineer providing analysis of stability of slopes.
- **900 Block Humboldt Road, Brisbane (2008).** Performing a geotechnical investigation and preparing a soil report for 300-foot long soil nail wall.
- **900 Olive Street, Palo Alto (2008).** Performing a geotechnical investigation and preparing a soil report for a new building published in **Sunshine Magazine**.



- **Field Support Services Complex at Oakland International Airport, Port of Oakland.** As part of the Airport's current expansion plans, Senior Geotechnical Engineer providing geotechnical conclusions and recommendations for the design and construction of new facilities (i.e., structures, pavement, and utilities) in the vicinity of the APL Terminal and Joint Intermodal Terminal.
- **Jack London Square Project, Oakland.** Senior Geotechnical Engineer, preparing geotechnical investigation and seismic reports.
- **Decoto Crossing, Fremont.** As Senior Geotechnical Engineer, preparing geotechnical investigation and liquefaction evaluation reports as well as pilot test program for the soil mitigation.
- **Carnegie Library, San Jose.** As Senior Geotechnical Engineer, preparing geotechnical investigation and liquefaction evaluation reports as well as pilot test program for the soil mitigation.
- **Geohazard Evaluation of San Ramon Unified School District, San Ramon.** Staff Engineer providing peak ground acceleration.
- **Slope Stability Analysis for Red Hill Mine, Stockton.** Staff Engineer providing analysis of stability of slopes along the Red Hill Valley.
- **Installation of Evaluation of Drilled Pier Foundation for Sunol Water Plant, Sunol.** Staff Engineer providing observation and inspection during installation of the drilled piers and evaluation of bearing capacity of each pier.
- **Slope Stability Analysis for San Ramon Valley Boulevard Widening, San Ramon.** Staff Engineer providing analysis of stability of slopes along the San Ramon Boulevard.