

KENNETH C. FERRONE, PE, GE, RG, CEG

POSITION IN FIRM: Principal Civil Engineer, Geotechnical Engineer & Engineering Geologist, President

KEY QUALIFICATIONS: Since 1986, Mr. Ferrone has provided civil engineering, geotechnical engineering, and engineering geology consulting services for a variety of clients. He specializes in establishing positive communication with the project team to ensure successful projects, including aiding clients/owners/team members in their planning decisions. Mr. Ferrone's qualifications include providing geotechnical engineering and geology mitigation review during planning/feasibility phases, providing consultations during project meetings, preparing scopes of work for project site investigations, laboratory testing, geotechnical and geological analyses based on the results of field and laboratory work, preparing geotechnical and geological based designs, and publishing reports providing design and construction criteria for projects of all types. During the design phases of projects, Mr. Ferrone provides detailed review services to check that the project's geotechnical and geological recommendations are carefully incorporated into the plans and specifications for the projects. He also establishes geotechnical and geological quality control/quality assurance during the design and construction phases of projects. Mr. Ferrone provides construction observation, testing, and monitoring services during the construction phases of projects to assure that the project specific geotechnical/geological recommendations are properly implemented during construction. He also provides clients/owners with construction services to facilitate project completion. Mr. Ferrone is also qualified to provide expert and forensic investigation services for a variety of civil, geotechnical, hydrological, geological, slope stability, foundation, and drainage issues.

EDUCATION:

Bachelors of Science – Geology with Physics Minor, Dickinson College, Carlisle, Pennsylvania, 1985

Masters of Science – Geological Engineering, Mackay School of Mines, Univ. of Nevada – Reno, 1990

Professional Registrations (Registration Number and Date Acquired):

- State of California, Registered Professional Engineer in Civil Engineering (No. C 47277, 1991)
- State of California, Registered Professional Engineer in Geotechnical Engineering (No. GE 2513, 2001)
- State of California, Professional Geologist (No. PG 6667, 1997)
- State of California, Certified Engineering Geologist (No. EG 2070, 1997)
- State of Nevada, Registered Professional Engineer in Civil Engineering (No. 16601, 2004)

Professional Memberships: American Society of Civil Engineers, Geoprofessional Business Association, Association of Engineering Geologists, International Society for Soil Mechanics and Geotechnical Engineering, California Geotechnical Engineers Association, American Council of Engineering Companies

Honors and Awards: Graduate Teaching Assistant and Lecturer, Mackay School of Mines, University of Nevada - Reno, 1986-87

Experience Highlights:

- Geotechnical Engineering and Geologic Hazards Assessments for Infrastructure Facilities for Carollo Engineers, Jacobs, HDR Engineering, Brian Kangas Foulk, Biggs Cardosa Associates, Various Municipalities and Cities, and others
- Geotechnical Engineering for Commercial Development Clients including Britannia Developments, Safeway, Perini Corporation, Prologis Trust, Longs Drugs, Pacific Development, and others
- Geotechnical Engineering and Geologic Hazards Studies for Schools and Hospitals in Northern California including Childrens Hospital Oakland, Oakland Unified School District, Merritt Hospital, Mt. Diablo Regional Medical Center, and others
- Geotechnical and Geological Engineering for numerous residential projects for William Lyon Homes, KB Home, Taylor Morrison, Toll Brothers, Meritage Homes, O'Brien Homes, Standard Pacific, Castle Companies, Trumark, custom home sites, and others
- Geotechnical Engineering and Geologic Hazard Evaluations & Assessments for numerous Forensic Investigations, Causation Analyses, and Remediation Design and Implementation
- Manuscript Reviewer – American Society of Civil Engineers, *Journal of Geotechnical and Geoenvironmental Engineering*

Publications: The Long-Term Failure Characteristics of Over-Consolidated Clay Shales in the Mount Diablo Region, UMI Publications, Ann Arbor, 1990.

Experience:

2013 to Present Stevens, Ferrone & Bailey Engineering Company, Inc., President
2000 to 2013 Stevens, Ferrone & Bailey Engineering Company, Inc., Vice President
1992 to 2000 HARZA Engineering Company, Senior Project Manager, Infrastructure Business Unit
1987 to 1992 Kaldveer Associates (Company acquired by HARZA), Engineer & Geologist
1986 to 1987 Geological Consulting Services, University of Nevada – Reno