

MICHAEL ZINSLEY, P.G., C.E.G.

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SUMMARY OF EXPERIENCE

Senior engineering geologist and professional geotechnical consultant with a background primarily in geotechnical engineering, with additional work experience in environmental engineering and geophysics. Strong emphasis on project management, project coordination, report writing, landslide hazard assessment and stabilization, Alquist Priolo Earthquake Zone fault trench logging and setback assessment, geologic mapping, and construction observation.

ACADEMIC BACKGROUND

Bachelor of Arts in Geology - University of Colorado at Boulder 1986

Graduate Studies in Education - California State University Los Angeles 1986 – 1987

RELEVANT WORK EXPERIENCE

Engineering Geologist Self Employed, Alameda, California 1997 – 2007, 2009 – present

Contractor to over a dozen geotechnical, geophysical, and environmental consulting firms in the San Francisco Bay Area for projects throughout northern California and Oregon. Conducted subsurface explorations that included: drilling and cone penetrometer testing on non-contaminated and environmentally contaminated sites, landslide hazard assessments including debris and earth flows, geologic mapping, test pit logging, report writing, fault trench logging, liquefaction studies, analysis of aerial photographs and Lidar maps, legal and insurance investigations, school projects, laboratory testing of soils, drainage studies, tieback and soil nail placement, road construction, placement of Geopiers, observation of mass grading and placement of foundation piers. Geophysical work included surveys using seismic lines, magnetometers, electrical resistivity, and ground penetrating radar. Subsurface work experience includes drilling for the Baraka Nuclear Power Plant in the United Arab Emirates, Calaveras Dam Replacement Project, and the Sacramento Area Levee Evaluation.

Senior Geologist Cal Engineering and Geology, Oakland, California 2007 – 2009

Responsible for running the Oakland office and soils laboratory. Performed numerous geotechnical and geologic investigations for commercial and private interests. Supervised drilling operations in contaminated sites in addition to those of geotechnical studies. Characterized two landslides at Oakhurst Country Club in Clayton that threatened dozens of homes. Worked on numerous projects for the City of Oakland and Alameda County including coordinating and managing the field portions of the Alameda County Levee Certification Project and grading for the new Vasco Road in Livermore.

Senior Geologist Hallenbeck and Associates, Emeryville, California 1997

Performed full geotechnical investigations including report writing for various projects in environments that included the Sacramento River Delta, Sierra Foothills, and Santa Cruz Mountains. Acted as Project Manager and liaison for the development of a new housing tract constructed on dredge fills near Rio Vista, California.

Engineer/Geologist Akitaya Corporation, Koror, Republic of Palau 1995 - 1996

Started and operated Palau's first soils engineering business. Conducted full geotechnical investigations including lab testing and report writing. Studies and evaluations were primarily conducted on sites in WWII fill sites in ponds and shallow marine environments.

Project Geologist Seidelman Associates, Walnut Creek, California 1994

Performed geotechnical investigations primarily for insurance and legal purposes on a variety of sites, most involving distressed buildings as a result of expansive soils. Responsible for report writing and laboratory testing of soils.

Staff Geologist Hallenbeck and Associates, Emeryville, California 1990 – 1992

Performed full geotechnical investigations on a wide variety of sites, most of which involved the analysis of active landslides. Drafted geologic maps including construction as-builts. Wrote numerous reports and proposals. Field manager for a three-million dollar landslide repair that implemented 273 piers, numerous tieback walls, and seven graded buttresses with subsurface drainage.

Staff Geologist Cascade Geotechnical, Inc., Kirkland, Washington 1989

Responsible for the oversight of an environmental cleanup project. Performed ground water investigations. Observed numerous grading operations.

Project Engineer/Geologist Nunez Engineering, Whittier, California 1988-1989

Performed many geologic and geotechnical investigations of mostly hillside properties. Responsible for writing reports for these projects. Performed slope stability analyses, drainage studies, and provided foundation design recommendations.

Cartographer Gustavson Associates-Engineers/Geologists, Boulder, Colorado 1985

Drafted geologic maps for petroleum engineering investigations in Colorado, Utah, and the People's Republic of China.

OTHER WORK EXPERIENCE

Outward Bound Instructor Pacific Crest Outward Bound School, California 1987

High School Science Teacher Los Angeles City Schools, California 1986 - 1987

RELEVANT COURSEWORK

AutoCAD, Hydrogeology, Environmental Engineering, Surveying, Statics, Dynamics, Soil Mechanics

CERTIFICATIONS AND AWARDS

California Engineering Geologist #2486

California Professional Geologist #7785

Nuclear Gauge and Radiation Safety Course Certificate, CPN, Martinez, California

40-Hour Training – HAZWOPER (Hazardous Waste Operations and Emergency Response)

Eagle Scout (Boy Scouts of America)

Advanced First Aid and CPR (American Red Cross)

PADI Scuba Instructor #55451, PSA Deep Air and Technical Nitrox, TDI Advanced Trimix (100msw)

AFFILIATIONS

Association of Engineering Geologists