



## UPP GEOTECHNOLOGY, INC.

Engineering Geology • Geotechnical Engineering

**R. REXFORD UPP  
PRINCIPAL**

**Education:** Ph.D. ENGINEERING GEOLOGY, Stanford University  
M.S. CIVIL ENGINEERING (Soil Mechanics and Foundations), Stanford University  
M.S. WATERSHED MANAGEMENT, Humboldt State University  
B.A. GEOLOGY, Humboldt State University  
B.S. ENVIRONMENTAL RESOURCES ENGINEERING, Humboldt State University  
B.S. MECHANICAL ENGINEERING, University of California at Berkeley

**Professional California Licenses:** Registered Geologist (1981) Registered Civil Engineer (1983)  
Certified Engineering Geologist (1981) Registered Soil Engineer (1987) \*  
Certified Hydrogeologist (1995) \*  
All licenses obtained by examination \* = Year license first became available

**Experience:** Principal of Firm: UPP GEOTECHNOLOGY, INC. (1983 to Present). Conducts all phases of engineering geology and geotechnical (soil) engineering studies including site development evaluations for residential, commercial, and industrial properties; forensic and insurance investigations of distressed properties; landslide evaluations and repairs; erosion and surface drainage problems; subsurface drainage, water intrusion, and groundwater studies; reservoir/pond development; leachfield evaluations; fault hazard evaluations; swimming pool and basement design; roadway and bridge abutment design; rock quarry development and reclamations; and environmental impact studies.

Senior Engineering Geologist/Geotechnical Engineer: CLEARY CONSULTANTS (1977 to 1979 and 1980 to 1983). Supervised engineering geology and geotechnical engineering investigations for a variety of commercial, industrial, and residential developments.

GS 11 Geologist: U.S. GEOLOGICAL SURVEY (1979 to 1980). Responsible for research on the location and activity of the Maacama Fault System in Mendocino County, California. (This study served as the basis for zoning portions of the Maacama Fault as active under the jurisdiction of the State of California Alquist-Priolo Special Studies Act).

Instructor: SAN JOSE STATE UNIVERSITY (1983 to 1986), taught Soil Engineering and Rock Mechanics. HUMBOLDT STATE UNIVERSITY (1974 to 1975), taught various geology courses.

Consultant: NORTHERN CALIFORNIA SAVINGS (1976 TO 1978), responsible for evaluation of geologic hazards and foundation conditions for properties under consideration for mortgage loans. CITY OF EUREKA, CALIFORNIA (1975), responsible for investigation to assess seismic and flood hazards to the City; also wrote the Seismic Safety Element and other portions of the Eureka General Plan.

**Memberships:** AEG: Association of Environmental and Engineering Geologists – (President 2000-2001)  
CalGeo: California Geoprosessionals Association (Secretary 2008-2009)  
FEWA: Forensic Expert Witness Association (Board of Directors – Norcal Chapter - 2005)  
ASCE: American Society of Civil Engineers  
GSA: Geological Society of America  
ASFE: The Best People on Earth  
IAEG: International Association of Engineering Geologists  
AIA: American Institute of Architects, Santa Clara Valley Chapter