



KERRY HENNON
PRINCIPAL ENGINEERING GEOPHYSICIST
CALIFORNIA REGISTERED GEOPHYSICIST PGp-886

Education:

1977 M.Sc. Physics University of California, Riverside, Ca.
1975 B.Sc. Physics University of Redlands, Redlands, Ca.
1975 B.Sc. Chemistry University of Redlands, Redlands, Ca.

Professional Experience:

Mr. Hennon has been an engineering geophysicist for 41 years throughout southwestern United States and several pacific islands. During this time, he has directed all phases of geophysical surveys in support of environmental, construction, groundwater, and resource assessment projects. He works closely with clients to design appropriate surveys for studying their situations. Along with the technical duties, he also closely manages schedules and budgets to provide ontime delivery of results.

Mr. Hennon has extensive infield experience in using surface geophysical methods to help understand subsurface conditions. Seismic, electrical, potential fields, and radar surveys have been successfully applied to study a variety of natural regimes and engineered systems. Field work is always in strict compliance with OSHA regulations and follows applicable Health and Safety Plans. He has experience in using the latest hardware/software systems to collect and interpret data. Over the years, he has developed a solid understanding of the interpretational art of correlating mathematical models derived from the geophysical data to existing geohydrological conditions at a site.

Mr. Hennon uses geophysics as an integral part of a comprehensive remedial investigation. On geotechnical projects, seismic and electrical methods have detected bedrock faulting, surface topography and elevation, weathering profile, rock quality, and soil strata, layer thickness, ground water depths. On environmental projects, these methods have located buried utilities, waste disposal trenches and pits, containerized wastes, and chemical storage tanks. Surveys can also assess groundwater conditions (water level, preferred flow paths, subsurface barriers) surrounding these sources. Geophysics can delineate geological conditions effecting the groundwater system, such as, stratigraphy, bedrock depth and topography and structural features (faults and fractures), and basin configuration. He has completed surveys throughout the United States that include hazardous waste storage sites, sanitary landfills, MX missile sitings, highway alignments, bridges, dams, airports, rippability studies, electrical transmission lines, water supply tunnels, subway excavations, nuclear power plants, and high level radioactive storage sites. At more than 123 DOD military bases, his surveys have delineated bedrock profiles, ground water flow paths, buried fuel storage tanks, debris, drums, utilities, and other hazards.