RESUME OF

EDRED T. MARSH

PRINCIPAL GEOTECHNICAL ENGINEER

EMPLOYMENT HISTORY

1999 - Present	Principal Geotechnical Engineer **AMERICAN GEOTECHNICAL, INC.** San Diego, California
1990 -1999	Project/Senior Engineer **AMERICAN GEOTECHNICAL, INC.** San Diego, California
1988 -1990	Staff Engineer **AMERICAN GEOTECHNICAL, INC.** San Diego, California
1988	Engineering Assistant/Laboratory Manager **AMERICAN GEOTECHNICAL, INC.** San Diego, California
1987 -1988	Student Engineer CITY OF CORONADO Coronado, California

EDUCATION
San Diego State University
San Diego, CA
B.S. in Civil Engineering

POST GRADUATE
STUDIES
Advanced Foundation Engineering
Advanced Soil Mechanics
Open Channel Hydraulics
Waste and Wastewater Engineering
Research Project on the Effect of Partial Wetting on Compacted Fills

PROFESSIONAL REGISTRATIONS	State of California, Registered Geotechnical Engineer, G.E. 2387
	State of California, Civil Engineer, R.C.E. 50315
	State of Nevada, Civil Engineer, R.C.E. 12149
	State of Colorado, Civil Engineer, R.C.E. 33623
	State of Arizona, Civil Engineer, C.E. 41710

PROFESSIONAL AFFILIATIONS	American Society of Civil Engineers
	Chi Epsilon National Civil Engineering Honor Society
	ACI - American Concrete Institute
	PTI- Post-Tensioning Institute
	ASTM International

PUBLICATIONS

"The Importance of Communication in the Geotechnical Industry," *Condo Management*, 1992.

"Tri-Axial A-Value Versus Swell or Collapse For Compacted Soils," *American Society of Civil Engineers, Journal of Geotechnical Engineering*, July 1995.

"Common Causes of Retaining Wall Distress: Case Study," *American Society of Civil Engineers, Journal of Performance of Constructed Facilities, Technical Council on Forensic Engineering*, February 1996.

"Seepage and Salt Deposition at the Toe of a Fill Slope," *Environmental & Engineering Geoscience*, Spring 1996.

"Damage and Distortion Criteria for Residential Slab-on-Grade Structures," *American Society of Civil Engineers, Journal of Performance of Constructed Facilities, Technical Council on Forensic Engineering,* July 1999.

"Hydrogeology and Remediation of Shallow Groundwater conditions in Henderson, Las Vegas Valley, Nevada" *AEG News,* July 2007.

PROFESSIONAL EXPERIENCE SUMMARY

Mr. Marsh is the Office Manager and Principal Geotechnical Engineer for American Geotechnical's San Diego and Las Vegas offices. During the course of his professional career, he has become an accomplished leader in the fields of geotechnical, civil, and forensic engineering. He has been involved with projects throughout the southwestern United States. Projects have included hillside developments, deep fill, expansive soil and other sensitive soil sites, infrastructure design and construction consulting, liquefaction and dynamic soil evaluations, slope stability, and landslide evaluation and stabilization, construction material corrosion assessments, concrete problem evaluations, and moisture intrusion studies, among others.

Management responsibilities primarily include training and supervising the engineering, geology, and support-level staff, supervising our soil laboratory, maintaining quality control and necessary licensing and educational information, reviewing proposals and reports, and planning and directing geotechnical and forensic investigations.

Technical abilities include an extensive knowledge of soil mechanics and foundation engineering, and the latest problem-solving techniques and experience related to settlement and expansive soil influence, analysis and design of earth retaining structures, landslide and slope stability, soil dynamics and earthquake engineering, subsurface exploration, soil sampling and in-situ testing, field instrumentation, moisture intrusion and drainage problems, pavement and concrete problems, among other items.

Because of his expertise is geotechnical engineering and other related subjects, Mr. Marsh frequently gives educational presentations for both public and private groups and serves as a professional expert for dispute resolution.