



**Cathrene Diane Glick**  
**Senior Engineering Geologist**

**EDUCATION**

B.S. Engineering Geology  
San Diego State University  
San Diego, California

**PROFESSIONAL REGISTRATIONS**

State of California, Professional Geologist, No. P.G. 4139

State of California, Certified Engineering Geologist, No. C.E.G. 1338

State of California, Certified Hydrogeologist, No. H.G. 32

**RELEVANT EXPERIENCE**

Ms. Glick has over 29 years of experience in engineering geology, ground water hydrology, environmental management, earthquake engineering, geotechnical engineering, value engineering, project management, and construction technology in private industry and with the federal government.

During her career, Ms. Glick has undertaken the following relevant projects:

**REPRESENTATIVE PROJECTS**

**Reviewing Geologist, City of Brea, California**

Provided geologic and geotechnical engineering project plan review services of subdivision and commercial projects within the City.

**Reviewing Geologist, City of Moreno Valley, California**

Provided geologic and geotechnical engineering project plan review services of subdivision projects within the City.

**Reviewing Geologist, City of Palm Springs, California**

Provided geologic project plan review services of subdivision projects within the City.

**Geologist of Record Methodist Hospital of Southern California, Arcadia, California**

Provided engineering geology support during construction of the Methodist Hospital expansion project which includes subterranean parking and subterranean pedestrian tunnel.

**Avenue 42 and Monroe Street Improvements Project, Indio, California**

Provided the City of Indio with project management and professional oversight of inspection, observation, and testing services during rough grading, batch plant inspections, asphalt paving inspection and testing, and construction of curbs, gutters, sidewalks, and driveways.

**Monroe Street Improvements, Avenue 49 to Avenue 52 Project, Indio, California**

Provided the City of Indio with project management and professional oversight of inspection, observation, and testing services during rough grading, batch plant inspections, asphalt paving inspection and testing, and construction of curbs, gutters, sidewalks, and driveways.

**Varner Road Realignment Phase I Project, Indio, California**

Provided the City of Indio with project management and professional oversight of inspection, observation, and testing services during earthwork, grading, batch plant inspections, concrete highway divide barriers, asphalt paving inspection and testing, and grouted riprap construction.

**Cypress Avenue Sewer Replacement Project, Fontana, California**

Provided the City of Fontana with project management and professional oversight of inspection, observation, and testing services during utility trench excavation, pipeline placement, excavation backfill, batch plant inspections, asphalt paving inspection and testing, and construction of curbs, gutters, sidewalks, and driveways. Project included observation and inspection of jack and bore tunneling techniques for pipe placement beneath Interstate 10.

**Baseline Avenue Sewer and Stormdrain Replacement Project, Fontana, California**

Provided the City of Fontana with project management and professional oversight of inspection, observation, and testing services during utility trench excavation, pipeline placement, excavation backfill, batch plant inspections, asphalt paving inspection and testing, and construction of curbs, gutters, sidewalks, and driveways.

**Groundwater Replenishment System, Orange County, California**

Provided Orange County Water District with construction support during contractor tunneling and utility trench excavation portion of project. Project included twelve (12) tunnel excavations through various soil and water seepage conditions and under multiple highway right-of-ways with boring machine and steel sets/timber lagging techniques.

**Elsinore Valley Municipal Water District Sewage Lift Station Expansion, Canyon Lakes, California**

Provided project management and professional consultation for observation of rock excavation (blasting, hydraulic expansion, hydrofracture, etc.) up to 65-feet deep within existing residential communities and tunneling (rock boring machine and jack/bore techniques) for connection to existing sewage lift stations. Projects also include ground vibration monitoring and air blast (over pressure) monitoring to assure contractor excavation techniques do not damage adjacent residential structures or cause injury to occupants.

**Anaheim Unified High School District – Various School Modernization and Expansion Projects:**

Provided project management and professional oversight of inspection, observation, and testing services during grading, batch plant inspections, structural concrete placement and materials testing, oversight of shop steel fabrication and field welding inspection, bolt and rebar pull testing, roofing inspection, and asphalt paving inspection and testing.

**Norwalk-La Mirada Unified District – Various School Modernization Projects:**

Provided project management and professional oversight of inspection, observation, and testing services during grading, batch plant inspections, structural concrete placement and materials testing, oversight of shop steel fabrication and field welding inspection, bolt and rebar pull testing, roofing inspection, and asphalt paving inspection and testing.

**California State University Fullerton Pedestrian Mall, Fullerton, California**

Provided project management and professional oversight of inspection, observation, and testing services during grading, structural concrete placement and materials testing, and asphalt paving inspection and testing.

**EMPLOYMENT HISTORY**

2010 - Present	Chief Engineering Geologist/Hydrogeologist <b>AMERICAN GEOTECHNICAL, INC.</b> Yorba Linda, California
2005 - 2009	Senior Hydrogeologist/Engineering Geologist Geosphere Consultants (formerly Eberhart/United Consultants) Placentia, California
2005 - 2006	Senior Engineering Geologist/Hydrogeologist Converse Consultants Costa Mesa, California
1991 - 2005	Principal and Director of Geologic and Environmental Services Geo Plexus, Incorporated Mountain View, California

1988 - 1991	Independent Engineering Geology Consultant Mountain View, California
1980 - 1988	Project Engineering Geologist/Civil Engineer Western Division, Naval Facilities Engineering Command San Bruno, California