

CURRICULUM VITAE - DAVID T. SCHRIER

Principal Geotechnical Engineer

Current Address

COTTON, SHIRES AND ASSOCIATES, INC.
330 Village Lane
Los Gatos, California 95030-7218
Phone: (408) 354-5542, FAX: (408) 354-5542
email: dtschrier@cottonshires.com

Registration

Registered Geotechnical Engineer in California, No. 2334
Registered Professional Civil Engineer in California, No. 47816

Education

M.S., Civil Engineering: Stanford University, Stanford, California, 1986
B.S., Applied Earth Science: Stanford University, Stanford, California, 1985

Professional History

Principal Geotechnical Engineer, 2006 - present; Cotton, Shires & Associates, Inc.,
Los Gatos, California.

Senior Geotechnical Engineer, 1996 - 2006; Cotton, Shires & Associates, Inc.,
Los Gatos, California.

Project Geotechnical Engineer, 1990 - 1996; Harlan Tait Associates, Inc.,
San Francisco, California.

Assistant Professor of Civil Engineering, 1988 - 1990; University of Los Andes,
Bogota, Colombia.

Staff Geotechnical Engineer, 1986-1988; Harlan Tait Associates, Inc.,
San Francisco, California.

Representative Experience

Mr. Schrier has over 27 years of professional experience in the field of geotechnical engineering. Recently he has acted as Principal Engineer for a large landslide investigation and stabilization project in Santa Barbara, California. The stabilization design consists of multiple rows of large diameter shear pins, high tension tiebacks, grading, retaining walls, and subdrains. He has also been involved in the investigation, preparation of plans and specifications, and construction for the stabilization of slopes affecting roads and residences for the cities of Pacifica, Los Altos Hills, and Belmont; and analysis of slope failures in residential areas for litigation. He also assists in geotechnical peer reviews by evaluating foundations design and hillside stabilization plans for San Francisco Bay area communities.

COTTON, SHIRES AND ASSOCIATES, INC.

DAVID T. SCHRIER (cont.)

As a Principal Geotechnical Engineer, Mr. Schrier performed geotechnical engineering analysis, and prepared reports, designs, plans and specifications. His experience in engineering analysis for landslide related projects include: analyzing laboratory data, determining static and seismic slope stability, and determining seismic displacement magnitudes. Mr. Schrier has designed retaining walls, buttress repairs, and drainage mitigation measures. He has an extensive background working with UTEXAS3 slope stability programs, FEADAM for the finite element analysis of dams, SHAKE for the determination of surface acceleration from earthquakes, DISPLMT for determination of permanent seismically induced displacements; and AutoCAD.

His areas of expertise include:

- Slope stability analysis;
- Construction inspection and testing;
- Design of repairs and mitigation measures for failed slopes.
- Grading design and practice;
- Erosion control and drainage design;