

## ***CURRICULUM VITAE – ANDREW MEAD***

Principal Engineering Geologist

### **Current Address**

COTTON, SHIRES AND ASSOCIATES, INC.  
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Los Gatos, California 95030  
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### **Registration**

Professional Geologist in California, PG 8658  
Certified Engineering Geologist in California, CEG 2560

### **Education**

BS, Geology, University of Oregon, Eugene, Oregon, 2000

### **Professional History**

Principal Engineering Geologist 2019 – present, Cotton, Shires and Associates, Inc., Los Gatos California  
Senior Engineering Geologist 2011 – 2019, Cotton, Shires and Associates, Inc., Los Gatos California  
Senior Geologist 2009 – 2011, Cotton, Shires and Associates, Inc., Los Gatos California  
Staff Geologist 2000 – 2009, Cotton, Shires and Associates, Inc., Los Gatos California

### **Representative Experience**

Mr. Mead has over 23 years of professional experience in the field of engineering geology and has specialized in site characterization. Mr. Mead is currently the Town Geologist for Woodside California and the primary geologic peer reviewer for the City of Saratoga, California. As Principal Engineering Geologist with Cotton, Shires and Associates, Inc. (CSA), Mr. Mead is responsible for several geologic and geotechnical duties such as: site specific geologic and geotechnical exploration, assessment, and documentation of both surface and subsurface features; conducting geologic peer reviews for Bay Area municipalities; investigation and research in support of expert witness testimony; acting as an expert witness; kinematic analysis of potentially unstable rock slopes; topographic surveying; photogrammetric analysis and processing of aerial photographs and drone images for the development of topographic maps; aerial photographic interpretation; and program design, installation, monitoring, and analysis of inclinometers, piezometers, and other instrumentation.

Mr. Mead has also specialized in creating three-dimensional geologic models of site conditions impacting civil works and he has also created and utilized multiple two-dimensional models for evaluating slope instability, including a rock slope failure in San Francisco and a large debris flow in Sausalito, California, projects for which he also provided expert witness services.

During his professional career Mr. Mead has participated in numerous geologic and geotechnical investigations in support of infrastructure projects that benefited the public including: water storage tanks, water retention and conveyance systems for use in hydroelectric generation; rock slope mitigation



**ANDREW T. MEAD (cont.)**

to protect public roadways; slope stabilization to support failing public roadways; and coastal bluff stabilization to protect a public roadway and associated infrastructure.

As a Principal Engineering Geologist, Mr. Mead regularly performs geologic site assessments including geologic mapping, subsurface exploration and engineering geologic cross section preparation; researches site geologic conditions including review of published maps and literature and review of historic aerial photographs; and prepares reports documenting his work.