

GEOLOGIC MAPPING/ENGINEERING GEOLOGY/PROJECT MANAGEMENT

- Overview** Over 10 years of geologic mapping, geotechnical engineering, and project management experience, which includes residential, commercial, industrial, and government clients. Almost every project has had a field component that was integrated into an office deliverable.
- Geologic data collection from various sources (drilling, mapping, and excavation) and through the use of a variety of technical instrumentation (vibrating wire piezometers, pressure transducers, slope inclinometers, etc.).
 - Development of project specific maps, reports, and illustrations.
 - Project management for small residential projects up to long-term, multi-faceted projects for government and industrial clients.
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Professional Experience

Tributary Environmental 2013 - Present

SENIOR ENGINEERING GEOLOGIST - Engineering geologist for a team of professional civil and geotechnical engineers. Primary tasks include producing geotechnical engineering reports for a wide variety of clients. Other tasks include:

- Borehole and excavation logging, soil and rock classification, laboratory testing
- Installation and monitoring of various geophysical and engineering instruments for slope stability monitoring, groundwater monitoring, and embankment stability monitoring
- Extensive work with other professionals to provide a comprehensive product for the client

Project work in Wyoming, Montana, and Idaho

Womack & Associates, Inc. 2006 - 2011, 2012 - 2013

SENIOR ENGINEERING GEOLOGIST - Geotechnical and engineering geology site investigations for a diverse range of clients. Projects are primarily focused on field data collection and engineering data analysis for the purpose of foundation design, slope stability analysis, groundwater modeling, and various other report deliverables.

Wyoming State Geological Survey 2011 - 2012

SENIOR GEOLOGIST, DEPUTY DIRECTOR - Assisted the State Geologist/Director with a variety of projects, including: project management for multi-million dollar research grants, development of public outreach programs, coordination with other State and Federal agencies on research proposals and projects, expansion of the seismic hazard program, website and e-store development, geologic mapping, and data dissemination. LiDAR and InSAR project development.

Nelson Engineering 2002 - 2006

ENGINEERING GEOLOGIST, MATERIALS TESTING TECHNICIAN - Performed field investigations for geotechnical and civil engineering projects throughout Wyoming and eastern Idaho. Worked with the Abandoned Mines and Land Division to investigate public and private lands for mine related hazards using a Trimble GeoXM for data collection. Assisted Professional Land Surveyors in topographic data collection and construction staking. Supervised and performed geotechnical laboratory tests on soil and concrete per ASTM and AASHTO methods.

Cotton, Shires, and Associates, Inc. 2000 - 2001

STAFF ENGINEERING GEOLOGIST - Performed borehole and test pit logging, geological instrument installation and monitoring, geologic hazards mapping, construction observation and testing, topographic mapping and construction layout using a Leica Total Station. Projects were located in California.

Education University of California, Santa Barbara, Goleta, California
BACHELOR OF SCIENCE DEGREE, 2000
Geological Sciences

- An abundant amount of field courses dedicated to geologic mapping and landscape interpretation, and course work in a wide range of physical and applied sciences.
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Wyoming Professional Geologist License Number: PG-3618

References Furnished Upon Request