

Education

MS., Geology,
Mackay School of Mines,
University of Nevada, 1967

B.S., Geology,
Mackay School of Mines,
University of Nevada, 1972

Registrations

Professional Geologist: Colorado,
Wyoming, Virginia

**Membership in
Organizations**

Association of Engineering
Geologists (Past Section Chairman),
Colorado Society for Natural
Hazards Research,
Society of Sigma Xi

Publications

Mock, R.G. and Mars, L.F., *Hazard
Reduction Techniques for Pit
Subsidence Near Hanna, Wyoming:
Colorado Geological Survey Special
Publication No. 46, 1985.*

Mock, R.G. and Pawlak, S.L.,
*Alluvial Fan Hazards at Glenwood
Springs: American Society of Civil
Engineers Specialty Conference on
Geological Environment and Soil
Properties, Houston, Texas, 1983.*

McKinnell, W.P. and Mock, R.G.,
*Analysis of Landslide During
Construction of the Howelson Hill
Ski Jump Complex, Steamboat
Springs, Colorado: Engineering
Geology and Soils Engineering
Symposium 1977, Pocatello, Idaho,
1977.*

Mock, R.G. *Engineering Geologic
Practices on the Western Slope*

Mr. Mock is responsible for geologic consulting services of the company. He has over 20 years of experience with a variety of engineering geology projects in Colorado, Wyoming, Utah, Arizona and Nevada. He has been responsible for the analysis and evaluation of geologic conditions for land development projects in mountainous terrain, geologic hazards evaluation and mitigation, dam and tunnel projects, stability evaluations of natural and man-made slopes, and pipe and power transmission line projects.

Member of the Landslide Subcommittee of the Governor's Natural Hazards Mitigation Council of Colorado. In addition to landslides, he has experience in the evaluation and engineering mitigation for the following geological hazardous conditions: Debris Flows and Floods, Earthquake Ground Shaking, Rockfall, Surface Fault Rupture, Sinkholes, Snow Avalanche, Mine Subsidence and Expansive & Collapsing Soils.

Mr. Mock has conducted over 10 coal mine subsidence studies in the Colorado Front Range urban corridor between Longmont and Colorado Springs. These projects have been for residential and commercial land developments. Levels of study have included preliminary feasibility reviews through detailed studies which have included drilling, geophysical logging, ground deformation modeling, and recommendations for the design of engineered mitigation. Projects completed since 1992 are:

*Phase I and II Coal Mine Subsidence Hazard Study for the St. Andrews Subdivision, Colorado Springs, Colorado.

*Preliminary Coal Mine Subsidence Hazard Study for 10-Acre Parcel near Louisville, Colorado.

*Preliminary Coal Mine Subsidence Hazard Study of a 120-Acre Parcel near Dacono, Colorado.

*Design Level Coal Mine Subsidence Hazard Study of the Mellness Center, Storage Technology Louisville Campus, Louisville, Colorado.