

## **GARY BRIERLEY, PH.D., P.E.**

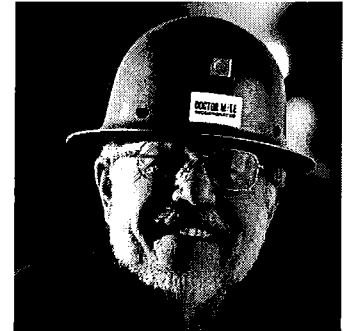
### **PRESIDENT**

Dr. Brierley has more than 48 years of experience with both the technical and nontechnical aspects of underground engineering and construction management. From the technical perspective, Dr. Brierley began his career with the Bachelor of Science degree in Engineering from Tufts University in 1968 and the Master's and Doctor's degrees from the University of Illinois in 1970 and 1975, respectively. Beginning as a project manager in 1970, Dr. Brierley has worked on literally hundreds of projects involving all types of underground design and construction including soil and rock engineering, building foundations, braced excavations, ground improvement and slope stability. Beginning in the 1970's, Dr. Brierley concentrated on the design and construction of underground projects by managing the instrumentation program for Dupont Circle Subway Station in Washington, D.C. This assignment formed the basis for his doctoral dissertation which addressed the structural performance of large, shallow underground openings in rock. Since that time he has worked on more than 1,000 soil and rock tunneling projects involving design, construction management and consultation for owners, contractors, engineers, public agencies, and attorneys.

Dr. Brierley has taught at the Universities of Illinois, Rochester, Colorado at Denver and the Colorado School of Mines. He has lectured extensively on tunnel design and construction, subsurface investigations, rock mechanics, blasting vibrations, foundation design, and the non-technical aspects of professional practice at numerous colleges and professional meetings. He is the author of more than 200 professional papers and magazine articles and is active in many professional societies.

From the nontechnical perspective, Dr. Brierley is expert in all aspects of office management, project management and business development.

- President, Doctor Mole Incorporated (2013 – Present)
- President, Brierley Associates, LLC | Denver, CO (1999 – 2012)
- Chairman, Expert Witness & Ethics Committee, ACEC | Denver, CO (2011-present)
- Director of Tunnel Design and Sr. Vice President, Haley & Aldrich, Inc. | Boston, MA (1991 to 1999)
- President, Brierley & Lyman, Inc. | Denver, CO (1987 to 1991)
- Vice President of Tunneling and Underground Construction, CRS Serrine | Houston, TX (1984 to 1987)
- Manager, Geotechnical Division of Stone & Webster Engineering | Denver, CO (1981 to 1984)
- Office Manager and Vice President, Haley & Aldrich of New York | Rochester, NY (1975 to 1981)



#### **Education**

Ph.D., Civil Engineering, University of Illinois, 1975

M.S., Civil Engineering, University of Illinois, 1970

B.S., Civil Engineering, Tufts University, 1968

#### **Professional Registrations**

CO, FL, MA, NY, TX, NCEES

Inactive/Previously Registered

AL, AK, CT, GA, ID, IN, KS, KY, LA, ME, MI, MD, MN, NH, NJ, OR, OK, PN, RI, SC, VT, VA, WA, WV, WI, DC

#### **Professional Societies**

American Counsel of Engineering Companies

American Society of Civil Engineers

Former President, American Underground Construction Assoc.

Former Chairman, Underground Technology Research Council

Former Member, U.S. National Committee on Tunneling Technology

Society of Mining Engineers

International Tunneling Association

#### **Honorary Societies/Awards**

Distinguished Alumni Award 2014 – University of Illinois

Geotechnical Award, Boston Society of Civil Engineering ACEC 1974, 1975 and 1976

National Science Foundation Fellowship

The 1989 Kenneth S. Lane Award for excellence in publication.

