



A Good Engineering Geologist is Every Geotechnical Engineer's Best Friend

Presented by Dr. A.J. McGinn

Dr. McGinn plans to discuss how engineering geologists and a sound understanding of geomorphology facilitate the development of a subsurface exploration program and the assessment of engineering characteristics of a site. A series of case studies will be employed to explore the value of the relationship between engineering geology and geotechnical engineering.

Dr. McGinn is the manager of the Syracuse office of Brierly Associates, LLC, a national firm specializing in the development of underground facilities. Dr. McGinn obtained his doctorate from Cornell University and has served as a guest lecturer at Cornell University in the areas of excavation support design, rock mechanics, shallow and deep foundation design, and advanced soil behavior.

Dr. McGinn has been involved with the geotechnical design of excavation support systems for cut-and-cover and mined tunnels, underpinning systems, and shallow and deep foundations. His experience also includes design and implementation of subsurface exploration programs, including soil and rock laboratory testing programs, to establish in situ strength and deformation characteristics for geotechnical design. A.J. is a specialist in developing, executing, and interpreting

numerical simulations for design complex geotechnical systems, most notably for the Boston Artery/Third Harbor Tunnel Project and the MWRA Effluent Outfall Tunnel, Boston, MA.

Dr. McGinn has completed a wide variety of projects, with primary emphasis on soil stabilization, tunnel, and excavation support design. Projects have included major infrastructure tunnels constructed via both cut-and-cover and mined methods in soil and rock.

Meeting logistics: The meeting will take place on Thursday, February 16th at Dakota's Brickhouse Grill located at 426 North Franklin Street in Syracuse, New York (formerly Roman's). A social hour will be held from 5:30 p.m. to 6:30 p.m. and will be followed by a buffet dinner starting at 6:30 p.m. The main presentation by Dr. McGinn will begin at 7:30 p.m.

The cost of dinner is \$20 for members, \$22 for non-members and \$15 for student members. People may also attend the presentation only for a nominal fee of \$3. Please RSVP by Monday, February 13th to Bonnie at Parratt-Wolff via e-mail at bolney@pwinc.com or 437-1429.