

JON H. GOULD, P.E.
Dan Brown and Associates, PC

EDUCATION

- MS 1967 Civil Engineering, University of Florida
- BS 1966 Civil Engineering, University of Florida

EXPERIENCE AND EMPLOYMENT RECORD

- 2008-present: Senior Geotechnical Engineer, Dan Brown and Associates, Sequatchie, TN
- 2002-2008: Geotechnical Consultant, Jon H. Gould, P.E., LLC, Birmingham, AL
- 1983-2002: Senior Geotechnical Engineer, Washington Group International/Raytheon Engineers & Constructors/Rust International Corporation, Birmingham, AL
- 1976-1983: Chief Engineer, Law Engineering Testing Company, Charlotte, NC
- 1972-1976: Senior Geotechnical Engineer/Engineering Department Manager, Law Engineering Testing Company, Orlando, FL
- 1970-1972: Project Engineer, Law Engineering Testing Company, Charlotte, NC and Jacksonville, FL
- 1969-1970: Earthmoving Platoon Leader (First Lieutenant), U.S. Army Corps of Engineers, Republic of Vietnam
- 1968-1969: Project Officer (Second Lieutenant), U.S. Army Corps of Engineers, Ft. Belvoir, VA

PROFESSIONAL

- American Society of Civil Engineers, Fellow and Life Member
- Deep Foundations Institute, Individual Member
- Geo-Institute of ASCE, Member
- Alabama Chapter of the Geo-Institute of ASCE, Director
- Licensed Professional Engineer: AL#14703, FL#49859, GA#23152, MS#12913, NC#7582, SC#18228

SUMMARY OF PROFESSIONAL EXPERIENCE

Extensive experience in geotechnical engineering and construction for a wide range of projects throughout the U.S. with many of the major geotechnical engineering firms and geotechnical specialty and deep foundation contractors. Employed over 18 years with a national engineering and construction company as senior geotechnical engineer responsible for the geotechnical design criteria used to design earthworks and foundations. Employed 13 years with a geotechnical engineering and testing company as chief engineer responsible for reviewing geotechnical and field inspection projects, including major industrial plants and earth and concrete dams, and also as senior geotechnical engineer and project engineer. Worked on several hundred geotechnical explorations, including the evaluation and analysis of shallow and deep foundations, as well as field observation and evaluation during construction of these foundations. Prior experience includes earthwork and highway construction as an officer with the U.S. Army Corps of Engineers and as a construction engineer at Cape Canaveral and the Kennedy Space Center.

He has authored several technical papers and presented talks on geotechnical subjects at professional and technical conferences, seminars, and meetings.

SELECTED CONSULTING PROJECTS

- **Expert Witness and Litigation Support.** Provided expert witness services on major structure failures, Mechanically Stabilized Earth (MSE) walls, deep foundations, and settlement of deep fills.
- **Ground Improvement Projects.** Assisted with construction monitoring and load testing on ground improvement and deep foundation projects in Kentucky and Tennessee
- **TVA Blue Ridge Dam, Blue Ridge, GA.** Consultant to the geotechnical engineering firm conducting a seismic evaluation of the dam and designing modifications to the embankment.
- **100+ Pulp and Paper Projects throughout the U.S.** Includes most of the mills in Alabama and the surrounding states.
- **30+ Refuse to Energy Plants throughout the U.S.** These were heavily loaded structures that usually required deep foundations or ground improvement.
- **Advanced Solid Rocket Motor Projects, Iuka, MS; Stennis Space Center, MS; and Michoud Assembly Facility, New Orleans, LA.** These heavily loaded structures all required deep foundations.
- **Fiber Optic Plants and Facilities, Wilmington and Concord, NC and Oklahoma City, OK.** These structures were supported on drilled shafts, augercast piles, stone columns, and compaction grout columns.