

# **LARRY R. STANDRIDGE, P.E.**

## **Education**

M.S., Mining, Geological and Geophysical Engineering, University of Arizona, 2001  
B.A., Geology, University of North Carolina, 1996

## **Registration**

Professional Engineer (Geological), Arizona #64435

## **Experience**

- 2019 - Present      **Vice President, Call & Nicholas, Inc.,** Tucson, Arizona  
Principal of the firm. Manager of projects involving geotechnical engineering and geomechanics, specializing in slope stability and evaluations of soil and rock. Responsible for project and company management.
- 2016 - 2019      **Senior Geological Engineer, Call & Nicholas, Inc.,** Tucson, Arizona  
Provide management for geomechanical and hydrogeologic studies. Responsibilities include project management and the supervision of field data collection, engineering analysis, and report preparation. Project types include pit slope stability evaluations, hazard identification studies, operational support for underground mining, and closure requirements/designs of mine waste dumps.
- 2005 - 2016      **Geological Engineer, Call & Nicholas, Inc.,** Tucson, Arizona  
Engineering support for numerous geomechanical and hydrogeologic studies. Responsibilities include slope stability analysis (with a focus on three-dimensional methods), data collection, rockfall risk assessment, debris flow modeling, underground stability analysis and ground support requirements, depressurization studies, and development of mine/waste dump designs.
- 2002 – 2005      **Senior Petroleum Engineer, Minerals Management Service,** New Orleans, LA  
Developed technical information for oil and gas deposits and reserves in the Gulf of Mexico to determine their potential and overall value to industry and to the economy in general. Used various techniques, including volumetrics, simulations and probabilistic models, to determine initial in-place reserves and make predictions as to future reservoir performance using data such as seismic surveys, well logs, cores, and fluid samples. Performed valuation engineering to estimate depletion of resources and depreciation of facilities in order to establish fair value of properties for regulatory taxation and other purposes. Prepared various reports for and respond to data requests from the public, oil and gas operators, and other federal agencies.
- 2000 – 2002      **Geotechnical Engineer, EarthTech,** Colton, CA  
Identified required remediation activities necessary for several Formerly Utilized Defense Sites (FUDS). Provided on site management for field activities and conducted QA/QC procedures on the collection and quality of geophysical data during Engineering Evaluation/Cost Analysis (EE/CA). Designed and constructed magnetometer arrays and EM antenna systems for OE remediation activities, developed data collection and reduction techniques for the equipment, and collected field data from both background and test plot locations. Reviewed development plans for converting an existing landfill containing known hazardous materials into a seaside recreational park and assisted in modifying those plans to meet contract and code requirements. Reviewed remediation activities at several ground water contamination sites and developed strategies to maximize the remediation effectiveness.