

# **NICHOLAS A. ASBURY, P.E.**

## **Education**

B.S., Geological Engineering, University of Arizona, 2004

## **Registration**

Professional Engineer (Geological), Arizona #62878

## **Affiliations**

Society for Mining, Metallurgy & Exploration (SME, AIME)

## **Experience**

- 2021 – Present      **Vice President, Call & Nicholas, Inc.**, Tucson, Arizona  
Principal of the firm. Manager of projects involving geotechnical engineering and geomechanics, specializing in slope stability evaluations of soil and rock and underground mining. Responsible for project and company management.
- 2014 – 2021      **Senior Geological Engineer, Call & Nicholas, Inc.**, Tucson, Arizona  
Professional responsibilities include management, planning, and supervising all aspects of projects relating to the rock mechanics evaluation and development of mining reserves. Areas of specialization include evaluation of backfill stabilization in deep underground mines and development of analytical methods for open pit porphyry copper mining slope stability. Consults on slope stability, underground stability, hydrology, and fragmentation. Responsible for managing projects, generating proposals, and performing engineering analyses.
- 2007 – 2014      **Geological Engineer, Call & Nicholas, Inc.**, Tucson, Arizona  
Geotechnical consultant for open-pit slope stability, slope management, and underground excavations for the international mining industry. Responsibilities include field data collection and management, rock mass characterization, engineering analyses, and report preparation. Recent projects included geotechnical investigations of coal highwall and spoils stability, including Kennecott Energy's Colowyo and Antelope Mines. Experience in metals mining included slope design at Freeport America's Dos Pobres, San Juan, Lonestar, Sierrita, and Bagdad open-pit mines, Kennecott Energy's Bingham Canyon Mine, Alamos Gold's Agi Dagi and Kirazli properties in Turkey, Silver Standard's Mina Pirquitas in Argentina, and Rio Tinto's Boron Mine in California.
- 2004 – 2007      **Junior Geological Engineer, Call & Nicholas, Inc.**, Tucson, Arizona.  
Geotechnical consultant for open-pit slope stability and slope management for the international mining industry. Responsibilities included field data collection, engineering analyses, and report preparation. Slope design projects included Kennecott Energy Company's Colowyo Mine, Kennecott Energy Company's Antelope Mine, and Newmont Gold Quarry's failure mechanism report.

## **Additional Information**

- Completed MSHA Surface and Underground Metal and Non-Metal Mine Health and Safety Training
- First Aid and CPR Training