



ITASCA™

Denver, Inc.

An Itasca International Company

Benjamin Radtke

Project Hydrogeologist

Expertise Hydrogeologic Site Characterization/Conceptual Hydrogeologic Model Development, Mining Hydrogeology, Multidisciplinary Field Investigation

Education B.S. (Geophysics), 2017
University of South Carolina, Columbia, South Carolina, USA

Professional Affiliations Member: Society for Mining, Metallurgy & Exploration (SME)

Certification MSHA (Mining Safety and Health Administration)

Professional Experience

2022 – Present *Itasca Denver, Inc., Lakewood, Colorado*
Project Hydrogeologist

2018 – 2022 *SRK Consulting, U.S., Inc., Colorado Geoenvironmental, Denver, Colorado*
Consultant (Hydrogeology)

2017 – 2018 *Reservoir Group (Denver-Julesberg Basin), Denver, Colorado*
Mudlogger/Wellsite Geologist

Project Experience

Hydrogeologic Site Characterization: Mr. Radtke has over five years of experience in conducting and supervising hydrogeologic field investigations for site characterization and conceptual model development for PFS, FS, and closure purposes. Investigations have included mine dewatering, water supply, wetland delineation and supplementation, pit slope stability, contaminant seepage remediation, rapid infiltration, and tailings dam integrity. Duties have included the following:

- Performing hydraulic tests and designing, implementing, and managing groundwater production and monitoring networks; and
- Managing and analyzing data for reporting purposes and numerical model input.

Multidisciplinary Field Investigations: He has extensive experience in coupling multiple different technical disciplines (e.g., hydrogeologic, geotechnical, geochemical) into one field program. Duties have included hydraulic testing (pumping, packer, airlift, slug, and injection/infiltration testing), vibrating wire piezometer installation, production/monitoring well design and installation, RMR89 geotechnical logging, USCS soil logging, and water quality and geochemical sample collection.