

Allison Johnston

Staff Hydrogeologist

Expertise Mining Hydrogeology, Wireline Logging, and Surface and Borehole Geophysics, Field Crew Management, Reservoir Characterization

Education M.S. (Hydrology), 2016
Colorado School of Mines, Golden, Colorado, USA
B.S. (Environmental Engineering), 2010
University of California- San Diego, La Jolla, California, USA

Registration Engineer in Training, State of California NCEES #12-905-53

Professional Experience

2016 – present *Itasca Denver, Inc. Lakewood, Colorado*
Staff Hydrogeologist

2016 – present *US Geological Survey, Lakewood, Colorado*
Contract Laboratory Assistant

2014 – 2016 *Colorado School of Mines, Golden, Colorado*
Graduate Student Researcher

2010 – 2014 *Schlumberger Technology Corp.*
Wireline Logging Field Engineer

2009 – 2010 *San Diego Water Authority*
Aqueduct Protection Program Intern

Project Experience

Hydrogeology: Works with senior staff on groundwater modeling projects using MODFLOW and MineDW. Creates supporting documentation for MineDW. Completed coursework at Colorado School of Mines involving interpreting pump tests, and modeling groundwater systems.

Data Analysis: Collected geophysical and geochemical data at an inactive mine site near Empire, Colorado. Used the data to identify diffuse sources of acid mine drainage entering a nearby headwater mountain stream and to characterize seasonal variation in acid mine drainage contribution. At Schlumberger, provided real time data quality assurance while performing wireline logging operations.

Project Management: Served as Engineer in Charge of reopening the Schlumberger's wireline logging base in Casper, Wyoming. Managed contractors providing pressure control equipment and transportation services as well as day to day logistics, ensuring that personnel and equipment were in place for wireline logging operations. Lead three man crew in completing wireline logging contracts throughout Colorado, Wyoming, and Kansas, and directed the maintenance of over \$1 million in wireline logging equipment.