

John Scott Baxter, G. I. T.

Staff Geologist

Overview

Staff Geologist involved in environmental and geotechnical drilling, groundwater monitoring activities, and analysis of rock cores and soil samples. Proficient in geology, field exploration, project management, and working with multiple disciplines on projects that include design, field work, and administration while efficiently adhering to project timelines.

Areas of Expertise

Geotechnical Drilling
Groundwater Monitoring
Soil Sample Analysis
Environmental Assessment, Planning, and Testing
Analyzing Rock Core and Soil
Site Operation/Maintenance
Construction Management/Oversight
Geophysical Testing

Years of Experience

With CB&A: 3 Years
With Other Firms: 9 Years

Education

Bachelor of Science in Geosciences,
Mississippi State University, 2004

Project Specific Experience

CB&A, Birmingham, Alabama, May 2014 -- Present

- Staff Geologist providing logging and analytical support for transmission line, monopole, and site modification for Southern Company Civil Field Services Drilling Division at various sites and coal plants across the states of Georgia and Alabama.
- Operating and maintaining Ground Penetrating Radar equipment used in location and marking of underground utilities or other obstructions prior to drilling or other ground disturbance investigations.
- Performing drilling supervision, logging, and sampling for the ongoing CCR compliance program at coal plants throughout the Southern Company coal fired generation fleet.
- Compiling and entering field data for submission to client using gINT Bore Logging Program software.
- Operating, maintaining, and logging downhole geophysical tooling in conjunction with drilling operations at various plants across Georgia and Alabama. Tool capabilities include gamma, SP, televiwer, azimuth, magnetic, among others, according to project needs. Collected data is then processed for analysis and submission to client using TFD2LAS and WellCad software.

URS Corporation, Birmingham, Alabama, July 2011 – 2014

- Staff Geologist providing logging and analytical support for the Public-Private Partnership (P3) project for the Pennsylvania Department of Transportation. Reviewed soil samples and rock core samples collected from bridge sites across the state of Pennsylvania and submitted samples to in house laboratory.
- Involved in inspecting and logging geotechnical test borings for stability analysis and expansion project for the Pennsylvania

Department of Transportation related to the Pennsylvania Turnpike.

- Provided construction management and support for geomembrane, textile installation, compacted clay liner, and protective topsoil spreading at the Columbus Up Ground Reservoir (CUGR) project in Central Ohio.
- Logged and sampled soil and groundwater as part of Phase I/II ESA for Southwire Industries in Carrolton, Georgia, using GeoProbe® technologies; installed monitoring wells, provided data analysis, report writing, and procurement support for Cincinnati and Atlanta offices.
- Involved in drilling and groundwater monitoring activities for permitting and stability analysis of monitored Tennessee Valley Authority (TVA) solid waste landfills. Conducted stability analysis of hydro-electric dams across Eastern Tennessee.
- Responsible for analyzing rock core and soil using both URS and United States Department of Agriculture guidelines.
- Involved in groundwater and soil sampling analysis as part of an on-going request for information effort for US Steel in Birmingham, Alabama.
- Involved with data mining and work package generation related to stability analysis for TVA at various sites throughout Tennessee.
- Responsible for various tasks or job related requirements as assigned both in and out of the office while working under time frames.

Other Project Experience

Southern Earth Sciences, Inc. March 2008 – July 2011

- Staff Geologist/Branch Health, Safety Officer, and Lead Field Technician involved in multiple facets of daily operation for Southern Earth Sciences, Inc. (SESI) Projects including (but not limited to) the Coliseum Boulevard Plume Project in Montgomery, Alabama, and compliance work for Auburn University.
- Responsible for managing field activities including (but not limited to) quarterly groundwater monitoring, daily dewatering pump operation and maintenance, site operation and maintenance, inspections, site elevation surveying using Tapcon and stick gauge, best management practices implementation, drilling using various methods, erosion control, Phase I and Phase II Environmental Site Assessment, UST/LUST

Assessment in the state of Alabama, maintaining or implementing storm water and NPDES permits following ADEM guidelines, maintaining or installing BMPs related to storm water and NPDES permits following ADEM guidelines, and general administration.

- Responsible for managing and implementing company-wide behavioral based ‘brother’s keeper’ safety program and conducting monthly safety briefing and personal protective equipment audits.
- Supervising, field logging, and acting as site safety officer for GeoProbe® and VersaSonic® drilling crews in Alabama and Florida.

Environmental Resources Management, April 2005 – March 2008

- Staff Geologist/Field Technician, Environmental Resources Management—responsible for managing field activities including (but not limited to) groundwater sampling, soil sampling, Phase I/Phase II Environmental Site Assessment, waste management, site operation and maintenance, in situ chemical oxidation operation and management/design/construction and implementation for clients including (but not limited to) Georgia Pacific, Louisiana Pacific, Vopak, TRW, as well as work for the Georgia UST program.
- Responsible for managing field crews and drill crews as lead technician and acting site safety officer for Chevron South Africa on multiple Phase II projects across the country.
- Implemented behavioral based safety programs at almost all sites.
- Project management of personal projects and support of other project managers when needed.

Mississippi State University, September 2002 – April 2005

- Lab technician responsible for rock core analysis, data collection, X-Ray Diffractometer operation and data reporting and other functions as required by the department.

Specialized Training

Geologist In Training Alabama, License Number 1459G

OSHA HAZWOPER 40-Hour, with 8-hour refreshers (current)

OSHA 10-Hour General Industry Outreach Training

1st Aid/CPR/Adult AED

OSHA 29 CFR 1926.650-652 Subpart P – 5 Hours

National Drilling Association Drilling Safety Certification

National Drilling Association Monitor Well Construction Certification

Safety Leadership Training - First Line Supervisor/Foreman

Chronology

2014 – Present: CB&A, Birmingham, Alabama

2011 – 2014: URS Corporation, Birmingham, Alabama

2008 – 2011: Southern Earth Sciences, Inc., Montgomery, Alabama

2005 – 2008: ERM, Kennesaw, Georgia

2002 – 2005: Mississippi State University, Starkville, Mississippi

Awards

2015 Civil Field Services Gift Giver Award for quality field safety observations

Contact Information

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