

# GROUTING INSPECTOR/GEOLOGIST

## Company Summary:

Brayman Construction Corporation is a leading heavy civil and geotechnical contractor with office headquarters in suburban Pittsburgh. Incorporated in 1947, Brayman has grown, diversified and evolved its construction services from a small bridge and concrete company to a large, nationally recognized provider of complex, heavy civil construction projects servicing both public and private sector clients throughout the Midwest and along the entire east coast. The Company has expertise in a wide variety of projects including large scale complex bridges, deep foundation, marine and dam construction and rehabilitation, complex and heavy steel erection and rehabilitation and demolition services.

## Summary:

- The licensed geologist or professional geotechnical engineer will be responsible for the installation of a grout curtain on an Army Corps of Engineer's project. The grouting inspector is responsible for interpretation of water testing and grouting data.
- Position will be based out of **Hinton, West Virginia**.

## Essential Responsibilities:

- Preparation of interpretation of watertest and grout data.
- Thorough understanding of balanced stable grout mixes and mix designs.
- Interaction with Project Owner/Architect/Engineers
- Tracking of Lugeon values to determine what is occurring within the rock mass (ie. Jacking, void filling).

## Other Skills/Qualifications:

- Bachelor's Degree in Geotechnical Engineering or Geology.
- Experience with real time computer monitoring of water test and grouting data.
- 5 years of experience on at least 3 projects which include grout curtains.
- Experience with preparation of plots and reports for water pressure testing and grouting of boreholes.
- Must be willing to travel or relocate as necessary for projects

## Work Environment:

- Works both **indoors and outdoors**.
- Environment can be **dirty and noisy**.
- Wears appropriate **protective clothing and equipment** including gloves, ear protection and respirators when necessary.

## Physical Demands:

- Lifting up to **50 LBS**.
- **Stands frequently and walks** about the work areas
- Occasionally **stretches up and across** when completing daily tasks
- Squatting, crouching or kneeling may be required occasionally.
- **Twisting the body or neck** may be required occasionally.
- **Bending** is occasionally required to facilitate the **lifting** of items used daily

- **Contact with skin irritants or water** may occur during certain processes
- **Repetitive hand and arm movements** are required when operating machinery.
- The employee must be able to perform the physical demands of the job with or without reasonable accommodation.

**Educational Qualifications:**

- Bachelor's degree or equivalent experience in heavy highway construction

**Special Note:**

This job description is presented as guidance only, other reasonable tasks or responsibilities as management sees necessary may be added to this job description in order to achieve satisfactory job performance by the team member.

EEO Statement: Our company, in accordance with state and federal laws, does not discriminate on the basis of age, race, religion, color, sex, national origin, marital status, disability, sexual orientation, citizenship status (unless such discrimination is required by law) or conviction record, except where sex, physical ability, age or conviction record is a bona fide occupational qualification. Our company also is required by law, by virtue of its contracts with the federal government, to take affirmative action to employ women, minorities, otherwise qualified handicapped individuals, and Vietnam-era, disabled, and other eligible veterans.