

# Staff Geologist

## Company Background

Weir International, Inc. (WEIR) is an internationally recognized engineering consulting company serving the specialized needs of the mining and energy industries worldwide and has provided consulting services to the United States and international mining industries for over 80 years.

## Job Summary

WEIR is hiring a Staff Geologist in its Downers Grove, Illinois office. The Staff Geologist is responsible for providing support to geology staff relative to mineral resource geologic evaluation and modeling. The position is full time.

## Duties and Responsibilities

The Staff Geologist is responsible for the following:

- Work closely with senior engineers and geologists to provide technical support for geologic and mining projects
- Create geologic structure and quality models
- Audit geologic model and reserve areas
- Assist in the completion of technical reports including reserve and resource reports, reserve audits, feasibility reports, and other client specific technical reports
- Occasional overtime required; occasional travel

## Qualifications

Successful candidates should possess the following qualifications:

- B.A./B.S. degree in geology or similar field of study
- 1-2 years experience in mining, exploration drilling, or consulting
- Experience with AutoCAD and other digital mapping/editing software
- Experience with geological modeling software (Carlson, MineScape, etc..)
- Advanced understanding of geology and mining data including, but not limited to: drilling data (lithology logs, geophysical logs, survey data, quality files, etc.), geologic models, land and mineral rights, environmental regulations, surface and underground mining techniques, coal quality, magnetic surveys, seismic surveys, etc...
- Strong statistical analysis background
- Must be proficient in auditing drilling data for correlation and depth errors
- Must be able to interpret down hole geophysical logs to correlate coal seams
- Working knowledge of designing drilling programs to target client specific requirements.
- Must understand drilling requirements for rotary and core drill holes.
- Robust understanding of regional and global coal trends, seams, and quality variations
- Competent in analyzing coal quality data
- Working knowledge of reserve and resource reporting guidelines
- Applicant must have a strong understanding of coordinate systems and be proficient in translating data between different coordinate systems
- Proficient in the Microsoft Office Suite including Excel, Access and PowerPoint
- Strong computer problem solving skills
- Detail oriented and well organized
- Strong time management skills
- Candidate must be a strong technical writer and possess good verbal and written communication skills
- Ability to be a self-starter and resourceful when participating on projects
- Applicant must possess a professional demeanor and ability to interact well with clients
- Must work well in a team environment