

Resource Geologist

Company Background

Weir International, Inc. (WEIR) is an internationally recognized geology, 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 nearly 85 years.

Job Summary

The Resource Geologist will be tasked with geologic evaluation and modeling for purposes of mine plan evaluations, resource estimations, geotechnical assessments and other project work as required. The position is full time based in WEIR's Downers Grove, Illinois office.

Duties and Responsibilities

The Resource Geologist is responsible for the following:

- Create geologic structure and quality models
- Audit geologic model and reserve areas
- Completion of technical reports including reserve and resource, quantity and quality, reserve audits, feasibility, and other specific technical reports, recognizing United States SEC, JORC, Canadian NI 43-101, and other international standards of reporting
- Management of technical services team
- Exploration programs and geologic modeling for surface and underground mining projects
- Creation and maintenance of client-specific geological and coal quality databases
- Geologic assessment of underground mining, including geotechnical evaluations
- Geology project management of reserve and resource studies
- Development of geologic structure and quality 3-D models for underground and surface mining projects
- Development of roof lithology and coal seam structure mapping

Qualifications

Successful candidates should possess the following qualifications:

- College degree and certified professional credentials (CPG or equivalent)
- Minimum ten (10) years of experience in the mining industry developing and evaluating geologic models
- Experience authoring Competent Person reserve and resource studies
- Experience utilizing MineScape or equivalent geologic modeling software
- Considerable understanding of coal and mineral geology, and mining data, throughout coal and mineral producing regions of the United States
- Must work well in a team environment
- Ability to train technical personnel to use mapping software
- Strong working knowledge of Microsoft Office Suite including Excel, Access and PowerPoint
- Strong computer problem solving skills
- Detail oriented and well organized
- Strong time management skills
- Good verbal and written communication skills
- Ability to be a self-starter, team player, resourceful, and have a positive attitude when participating on projects