Job Description

Reports To:

The Geologist will report to the senior Geologist

Job Overview:

We are looking for a Geologist to analyze geological data and plan our geology-related projects.

In this job, you'll get to visit sites of interest to study the earth and work on extractions and minings. This means you'll need excellent organizational and project management skills. You should be comfortable with data and geologic modeling, as well as technological tools. Teamwork and communication skills are also important since you will collaborate with engineers, geophysicists or other scientists.

Responsibilities and Duties:

• Plan geology projects (e.g. oil extraction, water pipe construction) and field sampling events

• Survey sites and create logs (e.g. borehole) and maps using GIS

• Gather and analyze geological data

• Coordinate research programs

• Examine the composition of samples and specimens

• Measure and test fossils, rocks, soil, ores and other material with the proper instruments (e.g. X-rays)

• Write reports on findings

• Conduct quality control on the suitability of material (e.g. metals for construction purposes) and inspect projects

• Study sites for developments, formations, hazards, and composition

• Investigate and evaluate natural resource deposits (e.g. oil)

• Consult on various geology-related issues like waste management, resource management, gas extraction techniques and more

• Ensure environmental and other regulations are met in construction and production projects (e.g. oil wells)

Educational Qualifications and Experience

• Degree in Geology or Geoscience

• Proven experience as a geologist

• Experience with various geological techniques like mining, boring and numerical modeling

• Experience using geology software (e.g. ArcGIS, Rock-ware) and other data and modeling tools (e.g. Adobe Illustrator, GoCAD)

• Familiarity with environmental regulations

• Good knowledge of the attributes of ores, soil, minerals and other materials

Skills and Personal Traits:

- Great communication skills (oral and written)
- Organizational and teamwork ability
- Ability to handle and analyze data and 3D models
- An analytical mind
- Attention to detail