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# Example of Geologist Job Description

Our company is hiring for a geologist. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for geologist

* Identify deposits of construction materials, and assess the materials' characteristics and suitability for use as concrete aggregates, road fill, or in other applications
* Develop applied software for the analysis and interpretation of geological data
* Analyze and interpret geological, geochemical, and geophysical information from sources such as survey data, well logs, boreholes, and aerial photos
* Plan and conduct geological, geochemical, and geophysical field studies and surveys
* Investigate the composition, structure, and history of the Earth's crust through the collection, examination, measurement, and classification of soils, minerals, rocks, and fossil remains
* Prepare geological maps, cross-sectional diagrams, charts, and reports concerning mineral extraction, land use, and resource management, using results of field work and laboratory research
* Assess ground and surface water movement in order to provide advice regarding issues such as waste management, route and site selection, and the restoration of contaminated sites
* Identify risks for natural disasters such as mud slides, earthquakes, and volcanic eruptions, and provide advice on ways in which potential damage can be mitigated
* Through liaison with the Project Mine Geologist, Project Exploration Geologist, design and implement drill programs that efficiently address requirements to advance resources and reserves along the pipeline toward mining
* Assume responsibility for the safe management of day to day drilling activities undertaken by Business Partners, including liaison and program monitoring and direction

## Qualifications for geologist

* BSc in Geology/Hydrogeology required
* Excellent skills in written and spoken communication, organization, time management, and an individual who thrives in a team-oriented environment
* Bachelor's degree in geological sciences
* Master's degree in geological sciences can be substituted for 2 years of experience
* Willing to travel – estimated 50% time may be spent at locations requiring overnight hotel stays
* Experience in various tectonic regimes