

State of Georgia Job Description

Job Family: Applied Science
Job Code: LSP050
Job Title: Geologist 1
Functional Level: Professional (PRO)
Pay Plan: Statewide Salary Plan (SWD)
Grade: J
Salary Range: \$41,569.83 - \$54,428.52 - \$67,287.20

Job Summary:

Under supervision, studies the composition, structure and other physical aspects of the earth. Examines minerals, underground water, waste disposal, land reclamation or other environmental problems to determine physical and chemical properties to ensure quality standards.

Primary Duties & Responsibilities:

- Assembles, operates, and maintains field and laboratory testing, measuring and mechanical equipment; collects and prepares solid and fluid samples for analysis
- Conducts ground water/surface water and methane monitoring system inspections; audits field sampling techniques
- Evaluates site investigations and remediation system design for petroleum releases from storage tanks and pipeline facilities
- Identifies risks for natural disasters such as mud slides and provide advice on ways in which potential damage can be mitigated
- Inspects construction projects in order to analyze problems, applying geological knowledge and using testing equipment and drilling machinery
- Locates and estimates probable natural gas, strata, mineral deposits, underground water resources using charts, research and survey results
- Performs studies of bridge foundations, soil surveys, and retaining walls; prepares related reports
- Plots information from aerial photographs, well logs, section descriptions, and other databases

Entry Qualifications:

Associate degree in geology, geologic sciences, or a related field from an accredited college or university and two (2) years of job-related experience.

Note: An equivalent combination of knowledge, education, job or intern experience, training, or certifications that provides the necessary knowledge and skills to successfully perform the job at the level listed may be substituted year-over-year.

Preferred Qualifications:

In addition to Entry Qualifications, Preferred Qualifications may be added by the agency.

NOTE:

The above job description represents the general nature, primary duties and responsibilities, and qualifications for the work performed by employees within this job, but is not a comprehensive and exhaustive list. Employees may be required to perform other duties as assigned, and specific duties, responsibilities, and activities within the core nature of the job may change at any time with or without notice. Employees must be able to perform the essential functions of the job, as specified by the employing entity, with or without reasonable accommodation.