

SURVEY GEOLOGIST 2**Nature of Work**

Under general supervision, at the full-performance level works as a professional geologist. Assignments include duties in the field, laboratory, and office. Work is specific to particular areas of geology. Uses independent judgements and interpretations in determining action to be taken. May require the supervision of technical and professional employees. Considerable travel and field work may be required. Performs related work as required.

Examples of Work

Researches known and potential mineral and hydrocarbon deposits, using standard sampling techniques, drillers' logs, inspection of mines, and road cuts.
Maintains files on mining, drilling, and mineral production statistics; collates field data into a readily accessible form.
Conducts research into areas of water resources which lack detailed information; prepares reports and maps which provide water resource information.
Plans and conducts short-term research projects.
Answers service requests for maps and other information from industry, government agencies, and private citizens.
Investigates and maps environmentally contaminated areas; assess landfill sites for potential environmental hazards.
Provides information to industry and government agencies concerning environmental hazards.
Prepares detailed reports.

Knowledge, Skills and Abilities

Knowledge of standard geologic mapping, sampling, and testing procedures.
Knowledge of broad area of geology, with specific knowledge of the area of assignment, such as hydrology, coal geology, and petroleum geology.
Skill in constructing maps, using field data and other information.
Ability to conduct studies on a variety of geological topics.
Ability to operate computer to devise and maintain sophisticated data fields.
Ability to provide accurate information requested by industry or other government agencies.
Ability to prepare detailed, accurate reports.
Ability to supervise subordinate personnel.

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SURVEY GEOLOGIST 2 - CONT'D.

Minimum Qualifications

TRAINING: Master's Degree in Geology from an accredited four-year college or university.

SUBSTITUTION: Bachelor's Degree in Geology from an accredited four-year college or university and two years of full-time or part-time equivalent paid experience as a professional geologist.

Established: 9/16/93

Effective: 10/16/93