Geologic Specialist

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
GEOLOGIC SPECIALIST I	2340	B18	$45,521 - $71,055
GEOLOGIC SPECIALIST II	2342	B20	$51,158 - $81,351

GENERAL DESCRIPTION

Performs geosciences work involving the review or evaluation of designs and reports; preparation of plans, estimates, and calculations; inspections; and collection and analysis of data.

DISTINGUISHING CHARACTERISTICS

The Geologic Specialist job classification series is intended primarily for those employees who may hold the Geoscientist-in-Training certification, but who are not yet licensed as a Professional Geoscientist. Employees typically perform research and prepare and conduct geological, geochemical, and geophysical field studies and surveys under the guidance of a licensed Professional Geoscientist.

EXAMPLES OF WORK PERFORMED

Collects and analyzes geological, geochemical, geohydrological, and geophysical information from sources such as survey data, rock samples, well logs, boreholes, and aerial photos.

Collects technical data, analyzes findings, and assists with developing recommendations for programs or projects.

Conducts inspections for compliance with laws and specifications.

Researches laws, regulations, and policies and delivers responses to the public and governmental agencies.

Prepares plans, estimates, and calculations.

Performs related work as assigned.

DESCRIPTION OF LEVELS

Examples of work and descriptions are meant to progress through the levels. For example, an employee at level II may also perform work listed within the previous level. In addition,

employees may independently perform the full range of work listed in the examples and may assist others in that work.

GEOLOGIC SPECIALIST I: Performs entry-level to routine (journey-level) geosciences work. Works under moderate supervision, with limited latitude for the use of initiative and independent judgment.

GEOLOGIC SPECIALIST II: Performs complex (journey-level) geosciences work. Works under general supervision, with limited latitude for the use of initiative and independent judgment. Employees at this level may:

- Analyze and interpret geological, geochemical, geohydrological, and geophysical information.
- Conduct geological, geochemical, geohydrological, and geophysical field studies and surveys and gather samples.
- Conduct drilling and test programs used to collect data for research or application.
- Conduct geoscientific studies to provide information for use in regional development, resource management, environmental investigations, land use, site selection, and development of other projects.
- Review and evaluate geology reports, test reports, studies, and data and assist with the development of recommendations for programs or projects.
- Maintain and prepare records and analytical reports and provide recommendations for courses of action.
- Implement technical projects and review and evaluate designs and reports.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Agencies have the discretion to identify the general or specialized experience, education, or certifications required for positions and may tailor qualification requirements to specifically meet the agency's business needs. Agencies may substitute experience, education, military service, apprenticeships, and relevant credentials for one another, if appropriate and allowed by statute.

KNOWLEDGE, SKILLS, AND ABILITIES

For all levels

- Knowledge of geosciences principles, techniques, and procedures; testing methods, processes, and procedures; mathematics and statistics; and the practical application of geosciences and technology.

- Skill in scientific data management; in collecting and assessing geological, geochemical, geohydrological, and geophysical data; in applying modeling and statistical procedures; in conducting laboratory tests; in the use of a computer, geographic information system

(GIS) applications, and other applicable software; and in the use of standard tools of the profession.
- Ability to plan and coordinate projects, to conduct inspections, to apply geological concepts, and to communicate effectively.

REGISTRATION, CERTIFICATION, OR LICENSURE

For Geologic Specialist II level

May be certified as a Geoscientist-In-Training by the Texas Board of Professional Geoscientists.