



# Geologic Specialist II

Salary Group: B19

Class Code: 2342

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
GEOLOGIC SPECIALIST I	2340	B17	\$36,976 - \$58,399
<b>GEOLOGIC SPECIALIST II</b>	<b>2342</b>	<b>B19</b>	<b>\$42,244 - \$68,960</b>

## GENERAL DESCRIPTION

Performs complex (journey-level) geosciences work. Work involves reviewing or evaluating designs and reports; preparing plans, estimates, and calculations; performing inspections; and collecting and analyzing data. Works under general supervision, with limited latitude for the use of initiative and independent judgment.

## DISTINGUISHING CHARACTERISTICS

The Geologic Specialist job classification series is intended primarily for those employees who may hold the Geoscientist-in-Training certification, but is not yet a licensed 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

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

Conducts geological, geochemical, geohydrological, and geophysical field studies and surveys; and gathers samples.

Conducts inspections for compliance with laws and specifications.

Conducts drilling and test programs used to collect data for research or application.

Conducts geoscientific studies to provide information for use in regional development, resource management, environmental investigations, land use, site selection, and development of other projects.

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

Prepares plans, estimates, and calculations.

Reviews and evaluates geology reports, test reports, studies, and data; and assists with the development of recommendations for programs or projects.

Maintains and prepares records and analytical reports, and provides recommendations for courses of action.

Implements technical projects; and reviews and evaluates designs and reports.

Performs related work as assigned.

## **GENERAL QUALIFICATION GUIDELINES**

### **EXPERIENCE AND EDUCATION**

Experience in geosciences work. Graduation from an accredited four-year college or university with a bachelor's degree in geology, geophysics, soil science, or a related field. Experience and education may be substituted for one another.

### **KNOWLEDGE, SKILLS, AND ABILITIES**

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; collecting and assessing geological, geohydrological, and geophysical data; applying modeling and statistical procedures; conducting laboratory tests; the use of a computer, geographic information system application, and other applicable software; and 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**

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