



# Geoscientist III

Salary Group: B21

Class Code: 2364

| <u>CLASS TITLE</u>      | <u>CLASS CODE</u> | <u>SALARY GROUP</u> | <u>SALARY RANGE</u>        |
|-------------------------|-------------------|---------------------|----------------------------|
| GEOSCIENTIST I          | 2356              | B17                 | \$36,976 - \$58,399        |
| GEOSCIENTIST II         | 2360              | B19                 | \$42,244 - \$68,960        |
| <b>GEOSCIENTIST III</b> | <b>2364</b>       | <b>B21</b>          | <b>\$48,278 - \$78,953</b> |
| GEOSCIENTIST IV         | 2365              | B23                 | \$55,184 - \$90,393        |
| GEOSCIENTIST V          | 2366              | B25                 | \$63,104 - \$103,491       |

## GENERAL DESCRIPTION

Performs highly complex (senior-level) geosciences work. Work involves planning and coordinating the execution of technical projects; reviewing or evaluating designs and reports; preparing plans, estimates, and calculations; and coordinating the inspections, testing, and the evaluation of data. May supervise the work of others. Works under limited supervision, with considerable latitude for the use of initiative and independent judgment.

## EXAMPLES OF WORK PERFORMED

Coordinates the inspection, testing, and evaluation of data for compliance with laws and specifications.

Plan and coordinates the execution of technical projects; reviews and evaluates designs and reports; and prepares plans, estimates, and calculations.

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

Plans and conducts geological, geochemical, geohydrological, and geophysical field studies and surveys to provide information for use in regional development, resource management, environmental investigations, land use, site selection, and development of other projects.

Gathers samples and/or conducts drilling and test programs used to collect data for research or application.

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

Reviews the activities of contractors, operators, and civic authorities.

Prepares, reviews, and evaluates geology reports, test reports, studies, and technical data; and develops recommendations for programs or projects.

May supervise the work of others.

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.

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

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

Skill in scientific data management; in collecting and assessing geological, geohydrological, and geophysical data; in applying modeling and statistical procedures; in conducting laboratory tests; in the use of a computer, geographic information system application, 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, to communicate effectively, and to supervise the work of others.

### **REGISTRATION, CERTIFICATION, OR LICENSURE**

Must be licensed as a Professional Geoscientist by the Texas Board of Professional Geoscientists.