



Geoscientist IV

Salary Group: B23
Class Code: 2365

<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
GEOSCIENTIST III	2364	B21	\$48,278 - \$78,953
GEOSCIENTIST IV	2365	B23	\$55,184 - \$90,393
GEOSCIENTIST V	2366	B25	\$63,104 - \$103,491

GENERAL DESCRIPTION

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

EXAMPLES OF WORK PERFORMED

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

Plans, coordinates, and oversees the execution of technical projects; reviews or evaluates designs; and prepares plans, estimates, and calculations.

Coordinates the analysis and interpretation of geological, geochemical, geohydrological, and geophysical information from sources such as survey data, rock samples, well logs, boreholes, and aerial photos.

Coordinates the gathering of samples; and/or coordinates drilling and test programs used to collect data for research or application.

Develops and leads 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.

Interprets 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 oversee 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.