



Geoscientist II

Salary Group: B19

Class Code: 2360

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

EXAMPLES OF WORK PERFORMED

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

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.

Analyzes and interprets 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 and evaluates data for compliance with laws and specifications.

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

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

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

Implements technical projects; reviews and evaluates designs and reports; and prepares plans, estimates, and calculations.

May provide guidance to 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 provide guidance to others.

REGISTRATION, CERTIFICATION, OR LICENSURE

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