

Title: Geologist	Effective Date: June 24, 2017	Grade: XIII	Job Category: Professional
Prior Title: Geologist I, II, III	Prior Effective Date: March 31, 2015	Grade: XI, XIII, XV	Page: 1 of 1

CHARACTERISTICS OF WORK

With minimal supervision, this position is responsible for obtaining samples and maintaining current information on all quarries from which aggregate is extracted for Department projects, and assists the Materials Area Engineer and District personnel with expertise in obtaining and testing highway materials.

EXAMPLES OF WORK

The following examples are intended only as illustrations of various types of work performed. No attempt is made to be exhaustive. Related, similar, or other logical duties are performed as assigned. The Department may require employees to perform functions beyond those contained in job descriptions. The Department may modify job descriptions based on Department needs. The Arkansas State Highway and Transportation Department is an "at will" employer.

- Perform and supervise investigation and quality control studies of rock quarries and pits that furnish materials to highway projects.
- Provide geological interpretation of landforms, subsurface rock, and soil profiles for Department geotechnical reports.
- Perform mineral deposit studies for environmental concerns and proposed aggregate sources.
- Supervise laboratory testing of foundation material.
- Supervise geotechnical field crews as assigned.
- Train geotechnical crew members in proper soil and rock classification and verify all field collected samples.
- Assist in obtaining quality control samples for ongoing projects.

MINIMUM REQUIREMENTS

The educational equivalent to a bachelor's degree from an accredited college or university in geology and Arkansas Professional Geologist registration. Experience in geological survey work. Knowledge of geological formations. Effective leadership and communication skills. Valid driver's license. Ability to lift and carry 50 pounds.

("Accredited" means the educational institution or program is accredited by an accrediting organization recognized either by the United States Department of Education or by the Council for Higher Education Accreditation.)

