



NEW JERSEY DEPARTMENT OF TRANSPORTATION
Public Posting

POSTING #: 24-00019

TITLE: Geologist Trainee

ISSUE DATE: 1/24/2024

TITLE CODE: 12515

CLOSING DATE: 2/26/2024

DIVISION: Capital Program Management

LOCATION: Ewing

UNIT: Bridge Engineering & Infrastructure Management

RANGE: P-95

SALARY: \$62,703.99-\$65,345.80

POSITION: One (1)

WORK WEEK: 40 Hours

DESCRIPTION

The New Jersey Department of Transportation (NJDOT) is seeking applications for candidates for the position of **Geologist Trainee** within the Division of Capital Program Management. Geologist Trainees are assigned a 40 - hour work week. Current starting salary is \$62,703 and \$65,345 after six months. As a NJ State Department, NJDOT offers a comprehensive benefits package including Health Care (medical, prescription drug, dental and vision care), Pension, Deferred Compensation, 13 paid holidays, and Benefit Leave (12 vacation days, 15 sick days and 3 administrative days). Standard workweek is Monday through Friday.

The Division of Bridge Engineering & Infrastructure Management plans, organizes, oversees, and implements the various work programs in the offices of Structural Design & Geotechnical Engineering, Structural Evaluation & Bridge Management, and Structural Engineering Services. This Division is also responsible for implementing and maintaining comprehensive management systems to preserve and improve the transportation infrastructure of New Jersey's highway network. These management systems include bridge and geotechnical. In addition, this Division is responsible for the safety inspection of all bridges, state - owned sign structures, minor bridges, culverts, dams, and tunnels in New Jersey.

The Engineering Geology Section is responsible for oversight of all matters related to Engineering Geology, Rock Mechanics, and Geotechnical Subsurface Exploration on all NJ Department of Transportation (NJDOT) projects. The section designs and reviews rock mechanic designs for all projects and provides construction engineering services for rockfall mitigation projects and rock related construction activities on all NJDOT projects. In addition, it oversees all geological/geophysical studies and geotechnical subsurface explorations conducted for NJ highway projects. The Engineering Geology Section maintains a Rockfall Hazard Management System (RHMS) for all highway rock cuts on NJ State and Interstate highways and responds to emergency rockfall events. The section also maintains the Geotechnical Data Management System of all gathered subsurface information and provides internet access.

Under supervision, the Geologist Trainee will:

- Learn the industry standards for performing subsurface exploration and the soil and rock identification systems currently used by this Unit.
- Learn to perform Quality Assurance field reviews of soil boring/rock coring operations and review data collected within soil boring logs, boring plans, and reports.
- Learn to assist in geophysical and geological surveys.
- Learn the current methods for surveying and classifying existing rock cuts to perform surveys for the Unit's Rockfall Hazard Management System.
- Learn to maintain records and files, using various types of electronic and/or manual recording and computerized information systems used by the Unit.
- Assist in documentation and review of subsurface exploration programs & contract submissions for geotechnical & geology - related projects.
- Assist in gathering of field data for the Rockfall Hazard Management System.

REQUIREMENTS

EDUCATION: Graduation from an accredited college with a Bachelor's degree in Geology or a Bachelor's degree including or supplemented by thirty (30) semester hour credits in geologic subjects areas.

LICENSE: Appointee will be required to possess a driver's license valid in New Jersey.

For more information regarding this position, please refer to:
<http://info.csc.state.nj.us/jobspec/12515.htm>

Work Authorization: Applicants must be authorized to work in the United States according to the Department of Homeland Security, United States Citizenship and Immigration Services regulations. NJDOT does not provide sponsorship or accept student/OPT program, F1 or H1B work authorization visas.

Residency: All persons hired on or after September 1, 2011 have one year from the date of appointment to establish, and then maintain, principal residence in the State of New Jersey subject to the provisions of N.J.S.A. 52:14 - 7 (P.L. 2011, c. 70), also known as the •New Jersey First Act. •

TO APPLY

You must apply through the NJDOT website at:

<https://www.state.nj.us/transportation/about/employ/openings.shtm>

Submit a complete packet by the closing date that includes the following documents:

- NJ State Application for Employment (Application and instructions can be found at link above)
- Letter of interest
- Current resume
- Copy of unofficial transcript OR foreign degree evaluation

IMPORTANT NOTES

Proof of Degree: You must provide transcript or evaluation of your **UNDERGRADUATE** degree.

Foreign Degree Evaluation: If you obtained your undergraduate degree outside of the US, you **MUST** provide a Foreign Degree Evaluation from a USA recognized evaluation service agency that includes a course - by - course evaluation in order to be deemed eligible. Failure to provide evaluation will result in your application being disqualified.

Incomplete Packets: Applicants **MAY NOT** be considered if they fail to provide all requested documents upon initial submittal or fail to follow instructions when submitting electronically. Applicants will be selected for an interview on the basis of their application/resume

Current State employees: Any appointments made that involve movement may result in a forfeiture of rights to any promotional lists in their former unit.

NJDOT provides reasonable accommodations to applicants with disabilities where appropriate. If you need a reasonable accommodation for any part of the application and hiring process, please email dot - hr.ada@dot.nj.gov. Determinations on requests for reasonable accommodation will be made on a case - by - case basis.

SAME APPLICANTS: If you are under the NJ "SAME" program, your supporting documents (Schedule A or B letter), must be submitted along with your resume by closing date indicated above. For more information on the SAME Program visit their Website at: <https://nj.gov/csc/same/overview/index.shtml> , email: SAME@csc.nj.gov , or call CSC 609 - 292 - 4144, option 3.

New Jersey Is An Equal Opportunity Employer