CLASS TITLE: GEOSCIENCE TECHNICIAN III

BASIC FUNCTION:
This position is the advanced journey level in the class series. Positions at this level are distinguished from the levels I and II by the performance of the full range of duties as assigned, working independently and exercising judgment and initiative. Positions at this level are fully aware of the operating procedures and policies of the work unit and able to deal with unusual situations independently. Positions in this class series are flexibly staffed and positions are normally filled by advancement from the Geoscience Technician II level, requiring three to five years of experience and successful performance. When filled from the outside, the employee is required to have prior related experience which allows the employee to meet the qualification standards.

Under the supervision of the Geoscience Manager or their designee, the employee in this position performs field and office technical support tasks similar to those specified for the Geoscience Technician I and II. At the III level, the position also gains some supervisory duties, overseeing field activities conducted by contractors.

REPRESENTATIVE DUTIES: *(Performance of these functions is the reason the job exists. Assigned job tasks/duties are not limited to the representative duties).*

1. The duties and responsibilities of the Geoscience Technician I and II as indicated in items 2-12 as well as the additional duties indicated in items 13-16.
2. Calibrates and maintains surface and borehole data collection equipment.
3. Collects routine borehole monitoring data, including water levels.
4. Supports NWRPO staff and contract scientists in the collection of field geologic, geophysical, and hydrologic data.
5. Assists NWRPO support contractors (e.g., instrumentation and pump contractors) with the installation and removal of borehole field equipment.
6. Inventories and orders equipment and supplies necessary to support field operations.
7. Transports equipment and supplies to and from field sites.
8. Performs field site setup, maintenance, and cleanup.
9. Fills out Transfer of Custody documentation and transports geologic and water quality samples to appropriate commercial testing laboratories.
10. Research and investigate data and work products, as assigned, to ensure accuracy and technical defensibility.

11. Writes calibration reports, associated metadata, and transmits them to the NWRPO Quality Assurance (QA) Records Center.
12. Uses complex field equipment (e.g., global positioning systems, downhole pressure monitoring equipment, etc.) to collect data in support of scientific investigations.
13. Uses various software packages (e.g., MS Excel, Surfer, etc.) to visualize scientific data and illustrate trends.
14. Write reports summarizing the collection, analysis, and interpretation of data.
15. Supervise NWRPO contactors (e.g., instrumentation and pump contractors), as directed, to meet NWRPO data collection requirements.

KNOWLEDGE, SKILLS, AND ABILITIES:
Develops working knowledge of the NWRPO QA technical procedures concerned with routine data collection and equipment calibration procedures. Ability to accurately and precisely follow these NWRPO technical procedures and related equipment operating instructions. Interpersonal, instructional, and supervisory skills necessary to direct NWPRO field support contractors to meet data collection objectives. Ability to clearly and concisely fill out Transfer of Custody forms as well as water level and other routine monitoring QA data collections forms. Ability and experience to work independently, with minimal supervision. Skill and ability in inventorying equipment and supplies, identifying equipment and supply needs, and following procurement requirements to fill these needs. Ability to research various data products in support of scientific projects. Knowledge and ability to complete complex forms and reporting documents quickly and accurately. Ability to analyze data and solve problems that impact daily operations. Ability and skill to use various software packages to visualize and analyze data, create graphs, and summarize data collection activities and trends.

EDUCATION AND EXPERIENCE:
Any combination of training, education, and experience that would provide the required knowledge and abilities. A typical way to gain the required knowledge and ability is: Two-year college degree in technical field or previous experience in which the applicant has demonstrated possession of the required level of knowledge, skills, and abilities. If promoted from the Geoscience Technician II level, three to five years of experience demonstrating the required knowledge, skills, and abilities is also required.

LICENSES:
Valid Nevada driver license.

WORK DIRECTION, LEAD AND SUPERVISORY RESPONSIBILITIES:
Assists in providing support under the direction of NWRPO staff and contract scientists.

CONTACTS:
Supervisor(s), co-workers, Nye County contractors, and DOE contractors.

PHYSICAL EFFORT:
The physical and mental requirements described here are representative of those that must be met by an employee to successfully perform the essential functions of the job.

Subject to physical effort on an ongoing basis. Routinely lifts objects weighing more than 50 lbs.

In compliance with applicable disability laws, reasonable accommodations may be provided for qualified individuals with a disability who require and request such accommodations. Incumbents and individuals who have been offered employment are encouraged to discuss potential accommodations with the employer.

WORKING CONDITIONS:
Work is performed under the following conditions: Subject to adverse field conditions including long hours and hot, cold, windy, and dusty conditions.