



## **NORD RESOURCES CORPORATION-JOHNSON CAMP MINE**

**P.O. BOX 384-3048 NORTH SEVEN DASH ROAD DRAGOON, AZ 85609**

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**Area:** Technical Services  
**Position:** Geologist  
**Reports to:** Mine Manager  
**Employment status:** Exempt

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### **Description**

Under general supervision completes logging of drill samples, completes resource block models, conducts geographic mapping, and provides technical expertise, guidance and leadership in geological exploration and resource modeling.

- Performs logging of core and reverse circulation drill cuttings
- Integrates and interprets all geological data (rock type, alteration, and structure), assay, and mineralogical data in geologic maps and internally consistent cross section and level plans.
- Work with a team of consultant geologists and mine engineers in the completion of computerized resource block models that meet corporate modeling standards.
- Prepares and updates drill hole database, maps of deposits and other exploration records
- Supervision and direction of drilling, road construction and drill sample preparation contractors
- Works with metallurgists to provide samples for processing testing and evaluation and in the development of ore types
- Assists in the development of drilling programs, formulation of short range plans and budget preparation for geological exploration and evaluation at assigned site.
- Provide guidance and counsel to site management team on applicable programs, practices and existing/proposed local, state and federal regulations
- Perform geologic mapping of surface and underground areas
- Perform other duties as required

### **Qualifications**

- Bachelor's in Geology or related scientific discipline
- Five years experience in Geology or related scientific field
- Ability to correctly identify and accurately estimate relative proportions and textural characteristics of metal-bearing and gangue minerals in a production setting
- Proficient computer skills including Minesite, Microsoft Office, AutoCAD and Civil 3D
- Knowledge of the principles and methods used in complex geological analyses
- Able to research and analyze information of considerable difficulty and draw valid conclusions
- Ability to develop and maintain awareness of occupational hazards and safety precautions. Skilled in following safety practices and recognizing hazards
- Ability to communicate effectively, both orally and in writing.

### **Criteria/Conditions**

- Work is in a mine plant setting, which may include exposure to extremes in temperature and humidity, moving mechanical parts, risk of electrical shock, toxic chemicals, explosives, fumes or airborne particles.
- Work periodically may be in remote field conditions with a wide range of physical conditions
- While performing the duties of this job, the employee is regularly required to stand, sit, demonstrate manual dexterity, climb stairs and ladders, work on elevated platforms, talk, hear and see.
- Occasionally may be required to lift moderately heavy objects (up to 60 pounds) during the course of a workday.
- Personal protective equipment is required when performing work in a mine, outdoor, or manufacturing plant environment, including hard hat, hearing protection, safety glasses, safety footwear, and as needed respirator, rubber steel toe boots, protective clothing, gloves and any other protective clothing, gloves and any other protective equipment as required.
- Nord Resources Corporation promotes a drug/alcohol free work environment through the use of mandatory pre-employment drug testing and on-going random drug testing as per applicable State Laws.