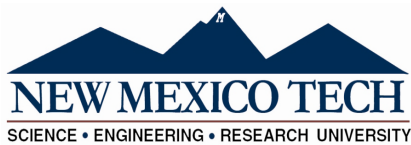


**Posted:** July 7, 2025



## POSITION ANNOUNCEMENT

**TITLE: RESEARCH ASSOCIATE III**

**DEPT: BUREAU OF GEOLOGY**

**REG** ☒

**TEMP** ☐

**FULL TIME** ☒

**PART TIME** ☐

**STARTING RATE or SALARY RANGE** \$60,000 - \$75,000

Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.

**All regular positions also entitle the employee to several benefits including health, dental, vision, life insurance, and retirement which is largely paid by New Mexico Tech for the employee and dependents.**

**INTERNAL POSTING THROUGH: 07/16/2025**

CONSIDERATION WILL BE GIVEN FIRST TO TEMPORARY AND REGULAR TECH EMPLOYEES WHO APPLY WITHIN THE 7 DAY INTERNAL POSTING. APPLICATIONS RECEIVED AFTER THE 7 DAY POSTING MARGIN WILL BE CONSIDERED WITH OTHER OUTSIDE APPLICANTS.

### JOB SUMMARY:

The New Mexico Bureau of Geology and Mineral Resources (NMBGMR) is seeking an experienced economic geologist for our Economic Geology Group, which collects, analyzes, and publishes new information on the economic and mining geology of New Mexico. These datasets promote economic development and sound management of New Mexico's mineral resources. This position provides supervisory, scientific and operational leadership and oversight of projects related to economic geology, petrology, mineralogy, and field mapping and sampling of mineral deposits in New Mexico. Analyze geological data (maps, assay results, geophysical surveys) to assess resource quality and quantity and integrate findings into geological models and maps. Research on ore processes, paragenesis and mineral deposit models will be a key component of the position. Preparation of papers and presentation of work at meetings will be required. The position also includes a service component which could involve, for example, examining mining claims or well logs, drill cuttings and cores, answering questions on mineral resources to industry geologists, researchers and regulatory professionals, and preparing outreach materials for Bureau of Geology use. Seeking external funding through a variety of venues to support research will be a component of this successful applicant's work. Interaction and collaboration with research and academic divisions at NM Tech, including the Earth and Environmental Science and Mineral Engineering departments is anticipated and should be tailored to the expertise and research interests of the applicant and align with the Bureau's mission. This could include advising of graduate students, serving on thesis committees, collaborative research, or teaching. Some outreach to local and regional geological societies is essential.

### JOB FUNCTIONS:

Economic geology studies. Undertake applied research on economic geology, origin of mineral resources, and mineral-resource assessments, utilizing modern instrumentation and analytical techniques as well as modern sedimentologic, stratigraphic and structural concepts. Utilizing modern instrumentation and analytical techniques as well as modern sedimentologic, stratigraphic and structural concepts. Interact with industry and government entities as well as Bureau and Tech scientists on this research. Pursue and secure external research funding. Produce written and/or digital papers/reports of project results for publication, and for presentation at appropriate professional venues. Produce written and/or digital papers/reports of project results for publication, and for presentation at appropriate professional venues. Collect samples, perform lab work, petrography. Work with bureau staff within the Economic Geology Group, GIC and IT Services to

organize, digitize and service reports, logs and mineral occurrence related data sets to the public. New Mexico Tech Service/other.

**REQUIRED QUALIFICATIONS:**

Master's Degree in Earth Science, or a related field with at least 2 years experience in Economic Geology. Strong foundation in geological principles – including mineralogy, petrology, structural geology, and geochemistry – as well as familiarity with ore deposit models and exploration techniques. Demonstrate identification of major economic and alteration minerals. Experience with geological mapping, sampling, and data interpretation in a field setting (through internships, field courses, or prior work experience). Excellent communication skills, both written and verbal – capable of documenting findings in reports and conveying technical information to engineers, managers, and other stakeholders clearly. Examples required. Ability to work in remote and challenging environments for extended periods, including weekends.

**DESIRED QUALIFICATIONS:**

Ph.D. or other doctorate level equivalent with a specialization in Mineral Exploration, Economic Geology, or a related discipline is preferred. Proficiency in using geological software and tools, especially GIS.

**LIFTING REQUIREMENTS**

(f)requently, (o)ccasionally, or (s)eldom

0 - 15 pounds	F
15 - 30 pounds	F
30 - 50 pounds	O
50 - 100 pounds	S
100 + pounds	S

**PHYSICAL DEMANDS:**

Standing 20%	Sitting 40%	Walking 20%	Pulling 2%
Pushing 2%	Lifting 3%	Stooping 5%	Kneeling 2%
Crawling 2%	Climbing 2%	Reaching 2%	Other

Apply to: [nmtjobapps@npe.nmt.edu](mailto:nmtjobapps@npe.nmt.edu)