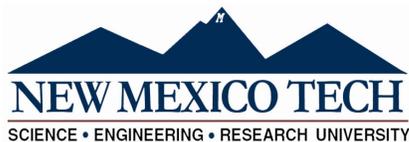


Posted: January 9, 2023



POSITION ANNOUNCEMENT

TITLE: ECONOMIC GEOLOGIST

DEPT: BUREAU OF GEOLOGY

REG

TEMP

FULL TIME

PART TIME

STARTING RATE or SALARY RANGE \$48,670-\$53,000

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: Concurrent* 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:

This job involves research and service work in economic geology, including subsurface geology. We are seeking an individual who has expertise in the area of economic geology and will focus research largely on topics that are relevant to economic geological problems in New Mexico. Preparation of papers and presentation of work at meetings will be an important component of this job. 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. 60%

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. 20%

Collect samples, perform lab work, petrography. 5%

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. 10%

New Mexico Tech Service/other. 5%

REQUIRED QUALIFICATIONS:

Read and comprehend instructions, write information and complete simple forms. High School (or GED) level ability in spelling, grammar, composition and math. Bachelor's Degree in geology and/or geochemistry. Computer programs (Iogas, Excell, access, word, GIS). A valid driver's license and the ability to safely operate a motor vehicle are necessary. Ability to occasionally carry out field work in remote areas with rough terrain will be a necessary qualification for this position. Membership in relevant national and local or regional geological societies.

DESIRED QUALIFICATIONS:

Master's Degree (nearly completed) in geochemistry.

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