

Contract Geologist

CLOSING DATE: November 28, 2016

PAY RANGE: \$15.00-\$18.00 per hour

AGENCY: Wyoming State Geological Survey

LOCATION: Laramie, WY

GENERAL DESCRIPTION OF WORK: This is a temporary, limited-term, contract employment opportunity with the Wyoming State Geological Survey, beginning approximately January 1, 2016. This position will assist Survey scientists with a groundwater salinity project and the development of hydrostratigraphic cross-sections in the Powder River Basin. It will entail basic research, well log interpretation, and compilation of available data. This position requires knowledge and experience in well log interpretation, database management, and spatial data analysis.

ESSENTIAL FUNCTIONS:

Work with Project Geologist to:

- Analyze geophysical logs for SP resistivity fluctuations, drilling mud types used, and formation tops and thicknesses within the study area
- Compile a groundwater salinity database from the USGS Produced Water Database and Wyoming Oil and Gas Conservation Commission (WOGCC)
- Populate a spatial database for the study area
- Assist with groundwater salinity contours, formation cross-sections, structure contour maps, and isopach maps in the study area

KNOWLEDGE AND SKILLS:

- Knowledge of current principles of geology, hydrogeology, stratigraphy, and structural geology
- Basic knowledge of hydrogeologic principles
- Familiar with geophysical log interpretation
- Familiar with WOGCC website and data
- Excellent attention to detail
- Proficiency in ArcGIS
- Proficiency in Microsoft Office (Word and Excel)

NECESSARY SPECIAL REQUIREMENTS: The person contracted for this position must be available to work in Laramie, Wyoming, throughout the entirety of the contract.

PREFERENCES: Preference will be given to those applicants with a B.S. in Geology and 1-5 years of progressive work experience in Geology, with expertise in hydrogeology and interpreting geophysical well logs.

APPLICATIONS: Please email a cover letter, the position you're applying for and your resume to kathy.olson@wyo.gov. The State of Wyoming is an Equal Opportunity Employer and actively supports the ADA and reasonably accommodates qualified applicants with disabilities. No notice of eligibility will be sent to applicants who meet the minimum qualifications.

DATE RELEASED: November 8, 2016