



Yurok Tribe

Job Description

JOB TITLE:	Senior Restoration Geologist / Professional Geologist		
JOB GRADE:	12/13	REPORTS TO:	Emergency Services Branch Manager
STATUS:	Non-Exempt	LOCATION:	Arcata/Klamath/Yreka/Remote
DEPARTMENT:	Fisheries	DIVISION:	Natural Resources
ALL HIRING IS SUBJECT TO THE YUROK TRIBE'S HIRING PREFERENCE			
SALARY RANGE:	\$38.42 - \$59.02		

POSITION SUMMARY:

The Senior Restoration Geologist or Professional Geologist position is under the general supervision of the Emergency Services and Technical Operations Branch Manager and may also report to the Senior Civil Engineer or other related positions on a project-dependent basis. This position will oversee the collection and interpretation of geotechnical information and data; produce maps, figures, notes, and observations; produce internal and external reports of a geologic nature; mentor and train subordinate staff; advise Tribal policy and future program and project goals and scope; and interface with external partners and government agencies. Work will be conducted in both the office and the field, and relative amounts of field vs. office work will be dependent on project needs and proximity to field sites.

DUTIES AND RESPONSIBILITIES:

1. Works within an interdisciplinary multi-agency/multi-organization team including engineers, biologists, and ecologists in the development and production of technical designs, reports, and model outputs for use by both internal and external audiences.
2. Leads other geologists and technical staff in investigating, collecting, and analyzing geological field samples and data, and may individually conduct controversial or sensitive projects involving contacts and coordination with outside agencies.
3. Prepares detailed maps, reports and statistics of findings, recommendations and published information for Tribal government, local, State, and Federal officials, private industry, professional peers, and the public. Advises Tribal government on policy issues.
4. In coordination with Project Managers and department directors, plans, develops, and determines future project or program priorities, establishes goals and objectives and defines the scope for projects. Assists with budget by estimating project costs and evaluating field supplies and equipment needs.
5. Accompanies Tribal leadership, managers, engineers, and external agency officials on field investigations of potential or existing projects to observe the topography, evaluate findings or conditions, and recommend solutions to problems and concerns.
6. Advises on development of environmental permit requirements and maintenance of adherence to Federal, State, and Local environmental and health/safety regulations.
7. Other duties as deemed necessary in order to meet the objectives of the Design and Technical Services program as determined by the Senior Civil Engineer.
8. Optional Duties may include operation of heavy equipment to support restoration implementation projects, construction operations, or training restoration practitioners/operators in those techniques. Oversee and manage construction operations to support restoration implementation activities in the field.
9. Performs other related duties as assigned.

EDUCATION/EXPERIENCE:

1. GS-12: Candidates will need to possess a Bachelor of Science Degree in Geology, Geomorphology, or Physical Sciences field including experience in geological investigations, associated sampling, data analysis, and report production. In addition to the above criteria, the candidate should possess 4-6 years of experience in applied geology sciences related position or associated sciences of ecosystem restoration, geospatial, fisheries, natural resources, design, and engineering. Candidates will be required to have or pursue their Professional Geology Licensure in the State of California with the ability to be credentialed in 1 year of employment.
2. GS-13: In addition to the above criteria, candidate will be required to have an Advanced Degree in Geology/Geomorphology (Masters or Doctorate) or have a minimum of 10 years of applied experience in the geology field and Licensed as a Professional Geologist or Engineering Geologist in the State of California.
3. Candidates with equivalent combinations of education, training and experience will be considered.

SUPERVISORY RESPONSIBILITIES:

Will be required to plan, assign, and coordinate the work of other geotechnical staff; review their work for accuracy, completeness, and conformance with Tribal, Local, State and Federal guidelines; provide technical assistance or information, orient and train staff in geotechnical activities of the job and provide input for performance appraisals.

MINIMUM QUALIFICATIONS:

1. Portfolio of past geotechnical projects at a lead or supervisory level within the greater Klamath Basin and Klamath Mountains geologic province, preferably within an environmental restoration and/or hydrologic project context.
2. Experience in construction operations, overseeing and training on the placement of large wood and associated tasks.
3. Experience in the design and analysis of large wood projects, sediment budgets, road and hillside stability analysis, engineering log jam design, Factor of Safety (FOS) analysis.
4. Prior experience independently conducting geotechnical investigations: maintaining detailed logs of soil and rock samples; recording observations; interpreting information from laboratory test results, drill logs, and other field studies; collecting, organizing, interpreting, and summarizing technical information from various resource documents as part of the project process; researching and analyzing data collected; and assessing the significance of geologic conditions and outcomes of proposed project activities.
5. Proven ability to use appropriate modeling or geospatial software to produce high quality maps, figures, and surface or subsurface geologic or hydrologic models.
6. Ability to produce geologic maps, cross-sections, reports, and publications, and perform quality assurance of similar products issued by other staff.
7. Author or co-author of prior publications at a high technical level (e.g., peer reviewed journals, 100% engineering design reports, or agency findings and recommendations)
8. Prior experience with technical public speaking such as teaching at an academic level or presenting results of scientific studies at conferences, workshops, or seminars.
9. Developed oral and written communication skills in providing technical information, advice, or assistance to Tribal government, private industry, professional peers, local, State, and Federal agency officials, and the public.

10. Ability to evaluate potential or existing projects for both scope and feasibility and recommend standard or novel solutions to geological problems.
11. Experience preparing watershed and regional level ecosystem restoration and management plans.
12. Experience in conducting geotechnical investigations, including geomorphic, hydrologic, hydrogeologic assessments, and preparation of planning and design recommendations.
13. Recognition that in order to serve Yurok People one must know as much as possible about Yurok history, culture and values.

CONDITIONS OF EMPLOYMENT:

1. All applicants are subject to the Tribe's Drug and Alcohol Policy including pre-employment screening.
2. Valid state issued driver's license and/or the ability to obtain a California or Oregon driver's license. Must be insurable on the Tribe's insurance policy.
3. Must pass a background investigation and fingerprint clearance.

LANGUAGE SKILLS:

Must have the ability to read, write and comprehend simple instructions, short correspondence, and memos. With ability to effectively present information in one-on-one and small group situations to customers, clients, and other employees of the organization. Knowledge of Yurok language is preferred but not required.

REASONING ABILITY:

Apply common sense understanding to carry out instructions furnished in written, oral and/or diagram form. With ability to deal with problems involving several concrete variables in standardized situations.

PHYSICAL DEMANDS:

While performing the duties of this job, the employee is frequently required to walk, stand, use hands and fingers, handle, or feel. Employee will have prolonged periods sitting at a desk and working on a computer. The employee must occasionally lift and/or move up to 50 pounds.

VISION REQUIREMENTS:

1. Close vision (clear vision at 20 inches or less).
2. Color vision (ability to identify and distinguish colors).
3. Depth perception (three-dimensional vision, ability to judge distances and spatial relationships).
4. Ability to adjust focus (ability to adjust the eye to bring an object into sharp focus).

I, _____, (print name), acknowledge receiving a copy of this job description and understand the requirements. I also understand that, as an employee, I am expected to perform my assigned duties, to read and abide by all Yurok Tribal laws, policies and procedures, vehicle usage, procurement, and any additional guidelines set forth by the Yurok Tribe. I understand that any violations of all established policies and procedures may lead to disciplinary measures, up to and including termination. I understand that the Yurok Tribe is committed to the philosophy that employment relationships are both personal and voluntary. Accordingly, employment at the Yurok Tribe has no specific duration, and either the employee or the Yurok Tribe can terminate the employment relationship for any reason or no reason. This "at will" relationship exists between the Tribe and all employees.

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Employee Signature

Date

Employee #

Supervisor Signature

Date

