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# CONSULTANTS

ENGINEERING, SURVEYING & PLANNING  
LANDSCAPE ARCHITECTURE, GIS  
NATURAL RESOURCE SERVICES

## SEASONAL SOIL TECHNICIAN

Y2 Consultants, LLC. is a Natural Resource & Engineering Consulting Firm located in Jackson, Wyoming. Y2's Natural Resource Department focuses on providing rangeland and natural resource inventory and monitoring services for private clients on public lands. Y2 is currently hiring one (1) soil technician to join our team for the 2020 field season. The majority of the field work may be located in Nevada, Oregon, Wyoming, and/or other western states. The base location between field hitches has not yet been determined. The ability to travel and have a flexible schedule is required for this position.

**DUTIES:** The technician will work with an experienced crew lead, assisting in rangeland inventory on public and private lands. Field work takes up about 85% of the position responsibilities. Inventory duties include successfully navigating to pre-determined field locations using Collector for ArcGIS or a GPS unit and completing data collection following specified methodology to their entirety. In the field, the technician must be able to manually excavate soil pits and describe soil properties and features including soil sites, landform, and landform position, surface and subsurface hydrology as it relates to soil formation, soil profiles, soil types, diagnostic horizons and soil stability. The technician will be responsible for driving and hiking to inventory sites. Work is in rugged and remote areas. Technicians must be physically able to complete the job. Office work consists mainly of data QA/QC, entry and back up, as well as some sample processing. Familiarity with vegetation data collection methods including line/gap-intercept, line point-intercept, utilization, nested frequency, basic plant ID and production is desired but not required.

**EDUCATION/EXPERIENCE:** Qualified applicants should have experience and/or education in soil science with preference given to individuals possessing or pursuing a degree in soil science. Experience manually excavating, describing, and interpreting soil profiles of the western states is preferred. Applicants must have experience operating 4WD vehicles, loading & pulling small trailers, navigating by GPS, reading and interpreting maps, and have had a clean driving record for the past 3 years. Experience with ATV's and UTV's is beneficial. The technician must be capable of hiking with up to a 40lb pack and camping for up to 8-9 nights in remote locations and must be able to squat/kneel for extended periods of time for data collection. Proficiency with Microsoft programs is necessary and experience with ArcGIS, pedology, AIM protocols, and DIMA is desired but not required.

**SALARY:** \$500-600/week depending upon experience, plus all expenses (lodging, gas, and company vehicle) covered during field hitches. Technicians are reimbursed \$30/day after returning from the field to cover food expenses.

**SCHEDULE:** The position will start in May 2020 and continue through August 2020, with a possibility to extend later into the season. A field schedule of 10-days on/4-days off will typically be followed. Workdays are long and may vary in length of 8-12 hours for up to 10 days when in the field. Technicians in the field may experience highly variable weather conditions that the applicant must be prepared to handle. The applicant will need to use personal camping supplies during the 10-day field hitches. Crews will return to a predetermined base on day 10 of each field hitch.

Applicants should E-MAIL letter of interest, resume, and contact information for at least three references to [jobs@y2consultants.com](mailto:jobs@y2consultants.com). **No phone calls, please. Include "Seasonal Soils Technician" in the subject line.** Open until filled.

For more information, please visit our website: <http://www.y2consultants.com>