



Kelsay M. Stanton, L.G.

Reclamation Specialist

Kelsay is a surface mine inspector, working with mining reclamation permit holders to ensure reclamation compliance and providing geologic and geotechnical expertise. Prior to her time with WGS, Kelsay worked as a geological hazard consultant and is currently completing research toward her PhD at University of Washington, with a focus on deformation related to Cascadia subduction.

Job Responsibilities

Surface mine inspection, permit review, and technical assistance.

Professional Interests

Structural geology, active faults, Quaternary geology, slope stability, geophysics.

Skills

Geologic field techniques including mapping, structural analyses and hazard assessment; ArcGIS for maps and geomorphic analyses; soil identification and sampling; project planning/management; paleoseismic trenching/interpretation; database management and analysis; technical report preparation; SLOPE/W; Oasis montaj and GmSYS for maps and geophysical modeling; Adobe Illustrator; basic wetland identification.



Sampling sand and gravel in the rain.

Professional Experience

- Geologist, Stanton Geological Services, Spokane Valley, WA
- Graduate Research and Teaching Assistant at University of Washington, Seattle, WA
- Adjunct Geology Instructor and Career Service Specialist, Wenatchee Valley College, Wenatchee, WA
- Natural Resource Specialist, Geology and Earth Resources, Department of Natural Resources, Olympia, WA

Education

- M.S. Geology, Western Washington University, Bellingham, WA
- B.A. Geology, Oregon State University, Corvallis, OR

Personal Interests

Hiking, camping, rock climbing, skiing, reading, cooking