

2014 Service Fees for the Geoarchaeology Laboratory, Department of Anthropology

Category	description	unit	Standard Rate \$	per Student/WSU rate
Field plan²	project design advice, literature, proposal writing	day	325.00	243.75
Fieldwork³	site visits, profile description, sample collection	day	325.00	243.75
Bulk analyses				
Sample Preparation	describe, dry, clean, grind, sieve through 2mm	sample	10.00	7.50
pH or Electrical Conductivity	electrode in aqueous slurry	sample	7.00	5.25
pH & EC Package	electrode in aqueous slurry	sample	10.00	7.50
Total Carbon, Organics or Carbonates	loss-on-ignition	sample	8.00	6.00
LOI Package	loss-on-ignition for H2O, OM, CaCO3	sample	11.00	8.25
Texture - Coarse Fractions	wet sieve for gravel & coarser sand fractions	sample	20.00	15.00
Texture - Fine Fractions	laser diffraction of fine sands, silt and clay	sample	35.00	26.25
Bulk analysis package for 10 samples or more (15% discount for standard rate only)	Sample preparation, pH, EC, LOI, texture (coarse and fine fraction)	sample	73.10	64.50
Sediment assessment⁴	titration for pH and EC of defluoccculation for texture analyses	sample	60.00	45.00
Micromorphology				
Thin Section Manufacture⁵	prepare glass thin sections from sediment block	sample	100.00	100.00
Microscopic Analyses (Report Quality)	sediment characterization, preservation assessment, microstratigraphy description, etc.; photomicrography may be included	day	250.00	212.50
Photomicroscopy (Publication Quality)	preparation of additional photomicrographs of specified features with identification key marked on scanned thin section	day	325.00	276.25
Reports	Written description, integration and interpretation of data sets including charts (e.g., texture triangle, depth plots), statistical analyses, etc. as appropriate	day	325.00	243.75
Other services				
Sediment Geochemistry and other services not otherwise specified	We can develop projects with other analyses (e.g., geochemistry) through partner labs at WSU. Interpretation is \$300/day.	project	case by case	case by case

Notes

1. A reduced rate may be available to Federally funded projects, WSU affiliates, Geoarchaeology Laboratory collaborators, and students (regardless of funding source). **Contact Melissa Goodman Elgar prior to budgeting to determine eligibility for reduced rates, and availability of our lab's services.**
2. An initial consultation is free of charge. Charges are applied subsequently for project development.
3. Travel and per diem costs are **additional** and will be charged at "budget travel" rates, approximately 70% of State Department per diem, when possible.
4. Tropical and volcanic soils frequently do not disaggregate effectively for texture determination under standard treatments. pH/EC titration helps to determine protocols for accurate particle size determination. This process is conducted on a few samples from each new study region.
5. Blocks are described and cut before shipping to a 3rd party manufacturer. Standard preparation takes 6-weeks return time. Please discuss fees for different turnaround times. Actual costs are subject to change and may include additional charges. Thin sections will be returned on request; we will archive off-cuts.

Additional Policies

1. **Services by the Geoarchaeology Lab incur a mandatory 8% Washington State University Service Fee, which includes sales tax.**
3. Please request a formal estimate for your project. Customized protocols may be required for specific applications, which may incur different fees.
4. These fees do not include your **shipping costs** to WSU, which must be covered separately.