



SAMPLE SUBMITTAL SHEET FOR LUMINESCENCE DATING OF POTTERY

- This sheet is for submitting pottery samples only.** Please refer to the sampling guides available at <http://usu.edu/geo/luminlab/submit.html> before collecting and submitting OSL samples.
- A completed sample sheet must accompany each sample, for projects with >5 samples use the Excel sample sheet. Carefully fill out with as much detail as possible while in the field. **Shipping instructions at bottom of form.**
- Embargo Age results for 5 years? YES | NO = OK for data to be included in an on-line database.

REQUIRED for Dose Rate calculation.
Needed for cosmogenic contribution to the dose rate.

SCIENTIST & AFFILIATION:		DATE:
PROJECT & SAMPLE LOCATION:		
OSL SAMPLE NUMBER:		
ANALYSIS REQUESTED (circle)		Fine-grain OSL/IRSL SG-OSL RUSH (=2x price)
DOSE RATE SAMPLE NUMBER use similar to OSL sample, include DR in name. Should be a representative sample of sediment from 10-cm radius of pottery.		
WATER CONTENT SAMPLE NUMBER In air tight container, include H ₂ O in name.		
BURIAL DEPTH (in meters) / SITE CONTEXT Note if sample comes from surface context.		
ELEVATION (in km above sea level)		
LATITUDE/LONGITUDE (in decimal degrees)		
ESTIMATED AGE (other age control, reset by wildfire?)		
DESCRIPTION OF MOISTURE HISTORY of DR sample (Is the sample representative of burial history?, explain)		Lab Use Only H ₂ O Content:
SAMPLE SIZE (≥2cm length & width, >0.5cm thick)		
POTTERY TYPE AND TEMPER		
ARCHAEOLOGICAL DESCRIPTION/STRATIGRAPHIC POSITION: (submit pictures/sketches)		

SAMPLING PROCEDURE CHECKLIST:

- Acquired proper permits to collect/remove samples from context and perform destructive analysis
- Sampled representative sediment environmental dose rate from 10-cm radius (in 1 qt/L zipbag)
- Sampled for moisture content (in film canister or air tight container), include description of history
- Noted depth of sample (surficial or buried)
- Targeted sherd thickness ≥0.5cm, targeted length & width ≥2cm
- Noted lat/long/elevation
- Noted apparent thermal history - evidence of past wildfires?
- Included independent age control where available
- Documented with photos, measured sections, provided additional age control information

SHIP SAMPLES TO:
 USU Luminescence Lab
 1770 N. Research Pkwy
 Suite 123
 North Logan, UT 84341

Label all samples and package: 'Light-sensitive mineral samples for geologic analysis. All material will be consumed in analysis. No monetary value'.

International samples: Send via international shipping company such as UPS, FedEx, DHL, TNT, do not use local postal service.

Email tracking number to: tammy.rittenour@usu.edu ; michelle.nelson@usu.edu