

## Sedimentology Lab Charges

Procedure	Instrument	Comment		
			Unassisted	Assisted
Grain size analysis (Dry sieve)	Hand sieve / Ro Tap Sieve Shakers	62.5 um to 32 mm (32000 um)	\$25	\$50
Grain size analysis (Dry sieve)	Ro Tap Sieve Shakers	62.5 um to 2 mm (2000 um)	\$15	\$25
Grain size analysis (Wet Sieve)	Hand sieve / Ro Tap Sieve Shakers	62.5 um to 32 mm (32000 um)	\$40	\$80
Grain size analysis	Malvern Mastersizer 2000	1 to 1000 um	\$25	\$40
Grain size analysis	Micromeritics Sedigraph 5120	0.01 to 250 um	\$40	\$70
x ray imaging	Kodak Vita CR	digital image (60 MB TIFF)	\$20	\$40
			\$15	\$25
Crushing	Mortar and Pestle		\$0	\$15
Sediment drying	Soil drying oven		\$10	\$20

Unassisted analysis using the Malvern Mastersizer, Micromeritics Sedigraph, and/or x ray machine requires training and adhering to strict laboratory protocols. Any costs to fix damaged equipment that results from user error is the responsibility of the researcher and their supervisor.

All laboratory users must also show evidence of completing lab safety training. All x ray operators must show evidence of completing x ray/laser safety training.