

Schedule A

ARISE Sedimentology Lab Charges (updated February 5, 2020)

Procedure	Instrument	Comment	Price per sample		No. of Procedures	
			Unassisted	Assisted	Unassisted	Assisted
Grain Size Analysis*						
Grain size analysis (Dry sieve)	Hand sieve/ RoTap Sieve Shakers	62.5um to 32 mm (32000um)	\$15	\$50		
Grain size analysis (Dry sieve)	RoTap Sieve Shakers	62.5um to 2 mm (2000um)	\$10	\$25		
Grain size analysis (Wet Sieve)	Hand sieve/ RoTap Sieve Shakers	62.5um to 32 mm (32000um)	\$30	\$80		
Grain size analysis	Malvern Mastersizer 2000	1 to 1000um	\$15	\$40		
Develop a new SOP (Standard Operating Procedure) for Mastersizer			free	\$25		
Grain size analysis	Micromeritics Sedigraph 5120	0.01 to 250um	\$15	\$40		
*Grain size analysis prices include pre treatment						
X ray Analysis						
x ray imaging	Kodak/ita CR	digital image (60 MB TIFF)	\$20	\$40		
Laboratory Analysis						
Hydrogen Peroxide Treatment			\$5	\$15		
Crushing	Mortar and Pestle		\$0	\$8		
Sediment drying	Soil drying oven		\$3	\$8		

* Rush deliveries (< 1 week) subject to a 50% surcharge

** Less than 10 samples for assisted analysis subject to a 25% surcharge

*** Minimum charge for analyses \$150

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 individual user (for unassisted analyses)

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.