Sediment Size
Instructions & Metadata

Some rules for data entry

1. Please use the same **Site** & **Strata** names you have in previous uploads
2. Please use the same **Latitude**/**Longitude** if you've sampled the site-strata before
3. If >1 of the same strata type in a site, describe in **Notes**: *e.g.* "armored-north"
4. Please leave cell blank if measurement was missed (*do not put a "0"*)

1. The 1st 12 columns describe WHERE (site characteristics), WHEN (time, date), & HOW you sampled:

	Site	Latitude	Longitude	Strata	Date	Surface_area_m2	Method
format	*text*	*number: decimal degrees*	*text*: e.g., **natural**, **armored**, **pre-restoration**, **post-restoration**	*mm/dd/yyyy*	*number: meters squared*	*text*: e.g., **visual, photo, sieves, other**
description	use the same site name for multiple strata in the same place	use the same coordinates used previously if resampling the same strata at the same site	**natural:** never been armored & used as reference; **armored:** armored shoreline with no plans for removal; **pre-restoration:** armored shoreline with plans for restoration; **post-restoration:** restored treatment (e.g., armor removed); or other designation	sample date in number format	surface area of quadrat	**visual:** field observation; **photo:** e.g., using "cobble cam"; **sieve:** e.g., RoTap; **other**
required?	required			recommended	required	recommended	

	Elevation_MLLW	Elevation_description	Depth_cm	Depth_description	Replicate
format	*number: feet*	*text*	*number: centimeters*	*text*	*number: integer*
description	elevation sampled in feet relative to MLLW datum	e.g., MLW, MHW, wrackline, base_armor	depth at deepest point of sample; e.g., 0 (surface), 5 (subsurface).	**surface** (if entered "0" for depth); **subsurface** (if entered >0 for depth)	use consecutive numbers (preferred); *or* distance on transect
required?	recommended				required

2. The next 11 columns are the percent of different sediment types:

	silt_clay	sand	gravel	cobble	shell_hash	gravel_granule	gravel_pebble	boulder	D50_Phi	Notes
format	*number: percent (put "0" only if none present)*								*number: phi*	*text*
description	percent silt clay (smooth between fingers)	percent sand ("gritty" sand < 2mm)	percent gravel (2mm-6cm)	percent cobble (6-25cm)	percent shell hash	percent subtype of gravel (2-4mm)	percent subtype of gravel (4mm-6cm)	percent boulder (>25cm)	median sediment size in phi	notes on data
required?	recommended								optional	