

Wentworth size class	Rock type	Millimeters (mm)	Micrometers ( $\mu\text{m}$ ) (Microns)
Boulder	Conglomerate/ Breccia	4096	
Cobble		256	
Pebble		64	
Granule		4	
Very coarse sand	Sandstone	2.00	
Coarse sand		1.00	
Medium sand		0.50	500
Fine sand		0.25	250
Very fine sand		0.125	125
Coarse silt	Siltstone	1/16	63
Medium silt		1/32	31
Fine silt		1/64	15.6
Very fine silt		1/128	7.8
Clay	Claystone / shale	1/256	3.9
Mud		0.00006	0.06