

New particle size scale and terminology proposed by Blott & Pye (in press), compared with the scales commonly used in geology and sedimentology by Udden (1914) and Wentworth (1922).

mm	phi	Udden (1914)	Wentworth (1922)	Blott & Pye (in press)
4096	-12			Megaclasts
2048	-11			Very large boulder
1024	-10		Boulder gravel	Large boulder
512	-9			Medium boulder
256	-8	Large boulders		Small boulder
128	-7	Medium boulders	Cobble gravel	Very small boulder
64	-6	Small boulders		Very coarse gravel
32	-5	Very small boulders		Coarse gravel
16	-4	Very coarse gravel	Pebble gravel	Medium gravel
8	-3	Coarse gravel		Fine gravel
4	-2	Gravel	Granule gravel	Very fine gravel
2	-1	Fine gravel	Very coarse sand	Very coarse sand
1	0	Coarse sand	Coarse sand	Coarse sand
1/2	1	Medium sand	Medium sand	Medium sand
1/4	2	Fine sand	Fine sand	Fine sand
1/8	3	Very fine sand	Very fine sand	Very fine sand
1/16	4	Coarse silt or dust		Very coarse silt
1/32	5	Medium silt or dust		Coarse silt
1/64	6	Fine silt or dust	Silt	Medium silt
1/128	7	Very fine silt or dust		Fine silt
1/256	8	Coarse clay		Very fine silt
1/512	9	Medium clay	Clay	Very coarse clay
1/1024	10	Fine clay		Coarse clay
1/2048	11			Medium clay
1/4096	12			Fine clay
1/8192	13			Very fine clay