

Size Categories of Beach Material in Start Bay, Devon

Phi Size (Φ)	Particle Size Diameter (mm)	Size Category (Wentworth Grade)
-6.0	64.0	Cobbles 60.0 mm
-5.5	44.8	
-5.0	32.0	
-4.5	22.4	Coarse Gravel 20.0 mm
-4.0	16.0	
-3.5	11.2	Medium Gravel 6.0 mm
-3.0	8.0	
-2.5	5.6	
-2.0	4.0	Fine Gravel
-1.5	2.8	
-1.0	2.0	
-0.5	1.4	Coarse Sand 2.0 mm
0	1.0	
0.5	0.71	
1.0	0.5	Medium Sand 0.6 mm
1.5	0.355	
2.0	0.25	
2.5	0.18	Fine Sand 0.2 mm
3.0	0.125	
3.5	0.090	
4.0	0.063	Fine Sand 0.06 mm

Descriptive Terms for Sorting of Beach Material in Start Bay, Devon, Using Standard Deviation .

Standard Deviation Value	Degree of Sorting
< 0.35	Very well sorted
0.35 – 0.50	Well sorted
0.50 – 0.70	Moderately well sorted
0.70 – 1.00	Moderately sorted
1.00 – 2.00	Poorly sorted
2.00 – 4.00	Very poorly sorted
> 4.00	Extremely poorly sorted

