

Table 5 - Sizes of Sieve Sets Used in Grain Size Analysis

Sieve Number	Phi Size	Sieve Size (inches)	Sieve Size (mm)	Grain Size
4	-2.25	0.187	4.75	Small Pebble
5	-2.00	0.157	4.00	
6	-1.75	0.132	3.35	Granule
7	-1.50	0.111	2.80	
8	-1.25	0.0937	2.36	
10	-1.00	0.0787	2.00	
12	-0.75	0.0661	1.70	Very Coarse Sand
14	-0.50	0.0555	1.40	
16	-0.25	0.0469	1.18	
18	0.00	0.0394	1.00	
20	0.25	0.0331	0.85	Coarse Sand
25	0.50	0.0278	0.71	
30	0.75	0.0234	0.60	
35	1.00	0.0197	0.50	
40	1.25	0.0165	0.425	Medium Sand
45	1.50	0.0139	0.355	
50	1.75	0.0117	0.300	
60	2.00	0.0098	0.250	
70	2.25	0.0083	0.212	Fine Sand
80	2.50	0.007	0.180	
100	2.75	0.0059	0.150	
120	3.00	0.0049	0.125	
140	3.25	0.0041	0.106	Very Fine Sand
170	3.50	0.0035	0.090	
200	3.75	0.0029	0.075	
230	4.00	0.0025	0.063	