

Sediment Analysis Data Sheet

Sample 5E

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics	
							phi	mm
5/8	16.00	-4.00	0.00	0.00	0.00			
1/2	11.31	-3.50	0.00	0.00	0.00			
5/16	8.00	-3.00	0.00	0.00	0.00			
1/4	5.66	-2.50	0.00	0.00	0.00	5% :	0.63	0.65
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.07	0.48
7	2.83	-1.50	0.09	0.22	0.22	25% :	1.23	0.43
10	2.00	-1.00	0.03	0.06	0.28	50% :	1.62	0.33
14	1.41	-0.50	0.03	0.07	0.35	75% :	1.94	0.26
18	1.00	0.00	0.14	0.34	0.69	84% :	2.12	0.23
25	0.71	0.50	0.83	2.03	2.72	95% :	2.43	0.19
35	0.50	1.00	3.71	9.11	11.83			
45	0.35	1.50	11.68	28.66	40.49	Med.	1.62	0.33
60	0.25	2.00	16.09	39.49	79.98	Mean	1.60	0.33
80	0.18	2.50	7.11	17.45	97.43	St Dev.	0.53	
120	0.13	3.00	0.78	1.92	99.35	Skew	-0.08	
170	0.09	3.50	0.02	0.05	99.40	Kurt.	1.05	
200	0.07	3.75	0.00	0.00	99.40			
230	0.06	4.00	0.00	0.00	99.40			
Pan			0.00	0.00	99.40			
Total			40.50	99.40	99.40			
						Moment	Statistics	
							Phi	mm
Cu =	1.74	Gravel			0	Mean	1.57	0.34
		Coarse Sand			0	St. Dev.	0.54	0.69
		Med. Sand			26	Skewness	-0.89	
Cc =	1.02	Fine Sand			73	Kurtosis	6.39	
		Silt/Clay			1			