

Sediment Analysis Data Sheet

Sample 3E

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% :	1.07	0.47
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.52	0.35
7	2.83	-1.50	0.00	0.00	0.00	25% :	1.64	0.32
10	2.00	-1.00	0.00	0.00	0.00	50% :	1.98	0.25
14	1.41	-0.50	0.01	0.03	0.03	75% :	2.28	0.21
18	1.00	0.00	0.05	0.10	0.13	84% :	2.38	0.19
25	0.71	0.50	0.22	0.50	0.63	95% :	2.58	0.17
35	0.50	1.00	1.18	2.66	3.29			
45	0.35	1.50	5.09	11.46	14.74	Med.	1.98	0.25
60	0.25	2.00	16.24	36.55	51.29	Mean	1.96	0.26
80	0.18	2.50	19.08	42.94	94.23	St Dev.	0.44	
120	0.13	3.00	2.24	5.05	99.27	Skew	-0.14	
170	0.09	3.50	0.05	0.11	99.38	Kurt.	0.97	
200	0.07	3.75	0.00	0.00	99.39			
230	0.06	4.00	0.00	0.00	99.39			
Pan			0.00	0.01	99.40			
Total			44.16	99.40	99.40			
						Moment Statistics		
							Phi	mm
Cu =	1.52	Gravel			0	Mean	1.92	0.26
		Coarse Sand			0	St. Dev.	0.45	0.73
		Med. Sand			9	Skewness	-0.80	
Cc =	0.91	Fine Sand			90	Kurtosis	4.45	
		Silt/Clay			1			