

Sediment Analysis Data Sheet

Sample 7E

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% :	1.06	0.48
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.51	0.35
7	2.83	-1.50	0.02	0.04	0.04	25% :	1.62	0.33
10	2.00	-1.00	0.02	0.03	0.07	50% :	1.94	0.26
14	1.41	-0.50	0.04	0.07	0.14	75% :	2.27	0.21
18	1.00	0.00	0.06	0.12	0.26	84% :	2.39	0.19
25	0.71	0.50	0.29	0.54	0.80	95% :	2.69	0.15
35	0.50	1.00	1.43	2.68	3.48			
45	0.35	1.50	6.49	12.11	15.59	Med.	1.94	0.26
60	0.25	2.00	21.03	39.25	54.83	Mean	1.94	0.26
80	0.18	2.50	20.08	37.47	92.31	St Dev.	0.47	
120	0.13	3.00	3.72	6.95	99.25	Skew	-0.03	
170	0.09	3.50	0.13	0.24	99.49	Kurt.	1.03	
200	0.07	3.75	0.01	0.01	99.50			
230	0.06	4.00	0.00	0.00	99.50			
Pan			0.00	0.00	99.50			
Total			53.31	99.50	99.50			
						Moment Statistics		
							Phi	mm
Cu =	1.58	Gravel			0	Mean	1.91	0.27
		Coarse Sand			0	St. Dev.	0.48	0.72
		Med. Sand			9	Skewness	-0.86	
Cc =	0.92	Fine Sand			90	Kurtosis	6.13	
		Silt/Clay			1			