

Sediment Analysis Data Sheet

Sample 10E

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% :	1.04	0.49
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.41	0.38
7	2.83	-1.50	0.00	0.00	0.00	25% :	1.57	0.34
10	2.00	-1.00	0.00	0.00	0.00	50% :	1.85	0.28
14	1.41	-0.50	0.03	0.06	0.06	75% :	2.16	0.22
18	1.00	0.00	0.07	0.15	0.21	84% :	2.30	0.20
25	0.71	0.50	0.20	0.45	0.66	95% :	2.46	0.18
35	0.50	1.00	1.40	3.12	3.77			
45	0.35	1.50	6.69	14.94	18.72	Med.	1.85	0.28
60	0.25	2.00	20.18	45.07	63.79	Mean	1.85	0.28
80	0.18	2.50	15.23	34.01	97.80	St Dev.	0.44	
120	0.13	3.00	0.72	1.61	99.42	Skew	-0.06	
170	0.09	3.50	0.02	0.05	99.47	Kurt.	0.98	
200	0.07	3.75	0.00	0.01	99.48			
230	0.06	4.00	0.00	0.00	99.48			
Pan			0.01	0.02	99.50			
Total			44.55	99.50	99.50			
						Moment	Statistics	
							Phi	mm
Cu =	1.57	Gravel			0	Mean	1.82	0.28
		Coarse Sand			0	St. Dev.	0.43	0.74
		Med. Sand			11	Skewness	-0.80	
Cc =	0.96	Fine Sand			88	Kurtosis	4.71	
		Silt/Clay			1			