

Sediment Analysis Data Sheet

Sample 4E

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	0.21	0.52	0.52	5% :	0.67	0.63
5	4.00	-2.00	0.00	0.00	0.52	16% :	1.19	0.44
7	2.83	-1.50	0.06	0.15	0.66	25% :	1.43	0.37
10	2.00	-1.00	0.05	0.13	0.79	50% :	1.78	0.29
14	1.41	-0.50	0.08	0.19	0.98	75% :	2.13	0.23
18	1.00	0.00	0.18	0.45	1.44	84% :	2.29	0.20
25	0.71	0.50	0.65	1.62	3.05	95% :	2.49	0.18
35	0.50	1.00	2.27	5.67	8.72			
45	0.35	1.50	7.49	18.72	27.44	Med.	1.78	0.29
60	0.25	2.00	15.99	39.98	67.43	Mean	1.76	0.30
80	0.18	2.50	11.25	28.13	95.55	St Dev.	0.55	
120	0.13	3.00	1.60	4.00	99.56	Skew	-0.14	
170	0.09	3.50	0.02	0.04	99.59	Kurt.	1.06	
200	0.07	3.75	0.00	0.00	99.60			
230	0.06	4.00	0.00	0.00	99.60			
Pan			0.00	0.00	99.60			
Total			39.84	99.60	99.60			
						Moment	Statistics	
							Phi	mm
Cu =	1.68	Gravel			1	Mean	1.71	0.31
		Coarse Sand			0	St. Dev.	0.64	0.64
		Med. Sand			17	Skewness	-2.41	
Cc =	0.98	Fine Sand			82	Kurtosis	15.65	
		Silt/Clay			0			