

Sediment Analysis Data Sheet

Sample 5C

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% :	0.93	0.53
5	4.00	-2.00	0.04	0.11	0.11	16% :	1.32	0.40
7	2.83	-1.50	0.01	0.04	0.15	25% :	1.54	0.34
10	2.00	-1.00	0.01	0.02	0.17	50% :	1.86	0.27
14	1.41	-0.50	0.02	0.06	0.24	75% :	2.24	0.21
18	1.00	0.00	0.08	0.20	0.44	84% :	2.38	0.19
25	0.71	0.50	0.40	1.04	1.49	95% :	2.73	0.15
35	0.50	1.00	1.55	4.09	5.58			
45	0.35	1.50	6.25	16.53	22.11	Med.	1.86	0.27
60	0.25	2.00	14.52	38.40	60.51	Mean	1.85	0.28
80	0.18	2.50	11.63	30.76	91.28	St Dev.	0.54	
120	0.13	3.00	3.02	7.99	99.27	Skew	-0.03	
170	0.09	3.50	0.15	0.39	99.67	Kurt.	1.06	
200	0.07	3.75	0.01	0.02	99.69			
230	0.06	4.00	0.00	0.01	99.70			
Pan			0.00	0.00	99.70			
Total			37.69	99.70	99.70			
						Moment	Statistics	
							Phi	mm
Cu =	1.68	Gravel			0	Mean	1.84	0.28
		Coarse Sand			0	St. Dev.	0.55	0.68
		Med. Sand			14	Skewness	-1.00	
Cc =	0.94	Fine Sand			86	Kurtosis	7.61	
		Silt/Clay			0			