

Sediment Analysis Data Sheet

Sample 9C

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% :	1.11	0.46
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.59	0.33
7	2.83	-1.50	0.04	0.06	0.06	25% :	1.76	0.30
10	2.00	-1.00	0.04	0.06	0.12	50% :	2.14	0.23
14	1.41	-0.50	0.03	0.06	0.18	75% :	2.41	0.19
18	1.00	0.00	0.09	0.15	0.33	84% :	2.53	0.17
25	0.71	0.50	0.32	0.55	0.88	95% :	2.90	0.13
35	0.50	1.00	1.40	2.39	3.27			
45	0.35	1.50	4.76	8.14	11.42	Med.	2.14	0.23
60	0.25	2.00	15.33	26.24	37.66	Mean	2.08	0.24
80	0.18	2.50	26.60	45.56	83.22	St Dev.	0.51	
120	0.13	3.00	8.53	14.61	97.83	Skew	-0.16	
170	0.09	3.50	0.88	1.50	99.33	Kurt.	1.13	
200	0.07	3.75	0.03	0.04	99.37			
230	0.06	4.00	0.01	0.01	99.38			
Pan			0.01	0.02	99.40			
Total			58.04	99.40	99.40			
						Moment	Statistics	
							Phi	mm
Cu =	1.63		Gravel	0	%	Mean	2.07	0.24
			Coarse Sand	0	%	St. Dev.	0.53	0.69
			Med. Sand	7	%	Skewness	-1.07	
Cc =	1.03		Fine Sand	92	%	Kurtosis	6.88	
			Silt/Clay	1	%			