

Sediment Analysis Data Sheet

Sample 3B

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% :	0.89	0.54	
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.28	0.41	
7	2.83	-1.50	0.00	0.00	0.00	25% :	1.51	0.35	
10	2.00	-1.00	0.00	0.00	0.00	50% :	1.84	0.28	
14	1.41	-0.50	0.03	0.05	0.05	75% :	2.22	0.21	
18	1.00	0.00	0.07	0.12	0.17	84% :	2.36	0.19	
25	0.71	0.50	0.58	1.04	1.22	95% :	2.70	0.15	
35	0.50	1.00	2.71	4.90	6.11				
45	0.35	1.50	9.91	17.93	24.04	Med.	1.84	0.28	
60	0.25	2.00	20.79	37.62	61.66	Mean	1.83	0.28	
80	0.18	2.50	16.93	30.63	92.29	St Dev.	0.55		
120	0.13	3.00	3.73	6.76	99.04	Skew	-0.05		
170	0.09	3.50	0.08	0.14	99.19	Kurt.	1.05		
200	0.07	3.75	0.00	0.00	99.19				
230	0.06	4.00	0.00	0.00	99.19				
Pan			0.00	0.01	99.20				
Total			54.83	99.20	99.20				
						Moment	Statistics		
							Phi	mm	
Cu =	1.68	Gravel			0	%	Mean	1.82	0.28
		Coarse Sand			0	%	St. Dev.	0.52	0.70
		Med. Sand			15	%	Skewness	-0.48	
Cc =	0.93	Fine Sand			84	%	Kurtosis	3.54	
		Silt/Clay			1	%			