

Sediment Analysis Data Sheet

Sample 4B

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% :	1.03	0.49	
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.45	0.37	
7	2.83	-1.50	0.00	0.00	0.00	25% :	1.60	0.33	
10	2.00	-1.00	0.00	0.00	0.00	50% :	1.95	0.26	
14	1.41	-0.50	0.04	0.08	0.08	75% :	2.26	0.21	
18	1.00	0.00	0.07	0.17	0.25	84% :	2.37	0.19	
25	0.71	0.50	0.26	0.63	0.88	95% :	2.56	0.17	
35	0.50	1.00	1.35	3.26	4.14				
45	0.35	1.50	5.48	13.23	17.37	Med.	1.95	0.26	
60	0.25	2.00	15.15	36.59	53.97	Mean	1.92	0.26	
80	0.18	2.50	16.75	40.46	94.42	St Dev.	0.46		
120	0.13	3.00	2.01	4.86	99.28	Skew	-0.14		
170	0.09	3.50	0.05	0.11	99.39	Kurt.	0.95		
200	0.07	3.75	0.00	0.00	99.40				
230	0.06	4.00	0.00	0.00	99.40				
Pan			0.00	0.00	99.40				
Total			41.16	99.40	99.40				
						Moment	Statistics		
							Phi	mm	
Cu =	1.55	Gravel			0	%	Mean	1.89	0.27
		Coarse Sand			0	%	St. Dev.	0.48	0.72
		Med. Sand			11	%	Skewness	-0.85	
Cc =	0.91	Fine Sand			89	%	Kurtosis	4.66	
		Silt/Clay			1	%			