

Sediment Analysis Data Sheet

Sample 5B

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% :	1.07	0.48	
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.52	0.35	
7	2.83	-1.50	0.00	0.00	0.00	25% :	1.66	0.32	
10	2.00	-1.00	0.01	0.02	0.02	50% :	2.03	0.25	
14	1.41	-0.50	0.02	0.06	0.08	75% :	2.30	0.20	
18	1.00	0.00	0.03	0.10	0.18	84% :	2.40	0.19	
25	0.71	0.50	0.15	0.45	0.63	95% :	2.65	0.16	
35	0.50	1.00	0.93	2.86	3.49				
45	0.35	1.50	3.62	11.16	14.65	Med.	2.03	0.25	
60	0.25	2.00	10.67	32.93	47.58	Mean	1.98	0.25	
80	0.18	2.50	14.73	45.47	93.05	St Dev.	0.46		
120	0.13	3.00	2.15	6.63	99.67	Skew	-0.18		
170	0.09	3.50	0.04	0.11	99.79	Kurt.	1.00		
200	0.07	3.75	0.00	0.01	99.79				
230	0.06	4.00	0.00	0.00	99.79				
Pan			0.00	0.01	99.80				
Total			32.34	99.80	99.80				
						Moment	Statistics		
							Phi	mm	
Cu =	1.50	Gravel			0	%	Mean	1.95	0.26
		Coarse Sand			0	%	St. Dev.	0.47	0.72
		Med. Sand			9	%	Skewness	-0.91	
Cc =	0.91	Fine Sand			91	%	Kurtosis	4.96	
		Silt/Clay			0	%			