

Sediment Analysis Data Sheet

Sample 3A

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% :	0.86	0.55	
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.33	0.40	
7	2.83	-1.50	0.02	0.04	0.04	25% :	1.57	0.34	
10	2.00	-1.00	0.03	0.06	0.09	50% :	1.97	0.26	
14	1.41	-0.50	0.09	0.16	0.25	75% :	2.33	0.20	
18	1.00	0.00	0.15	0.26	0.51	84% :	2.46	0.18	
25	0.71	0.50	0.67	1.16	1.67	95% :	2.85	0.14	
35	0.50	1.00	2.70	4.65	6.32				
45	0.35	1.50	8.41	14.48	20.80	Med.	1.97	0.26	
60	0.25	2.00	18.11	31.18	51.98	Mean	1.92	0.26	
80	0.18	2.50	20.42	35.16	87.14	St Dev.	0.58		
120	0.13	3.00	6.49	11.18	98.31	Skew	-0.12		
170	0.09	3.50	0.48	0.83	99.14	Kurt.	1.08		
200	0.07	3.75	0.02	0.03	99.17				
230	0.06	4.00	0.01	0.01	99.18				
Pan			0.01	0.02	99.20				
Total			57.63	99.20	99.20				
						Moment	Statistics		
							Phi	mm	
Cu =	1.77	Gravel			0	%	Mean	1.90	0.27
		Coarse Sand			0	%	St. Dev.	0.58	0.67
		Med. Sand			13	%	Skewness	-0.78	
Cc =	0.95	Fine Sand			86	%	Kurtosis	4.81	
		Silt/Clay			1	%			