

Sediment Analysis Data Sheet

Sample 3C

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% :	1.13	0.46	
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.54	0.34	
7	2.83	-1.50	0.00	0.00	0.00	25% :	1.67	0.32	
10	2.00	-1.00	0.00	0.00	0.00	50% :	2.01	0.25	
14	1.41	-0.50	0.00	0.01	0.01	75% :	2.31	0.20	
18	1.00	0.00	0.02	0.04	0.05	84% :	2.41	0.19	
25	0.71	0.50	0.12	0.22	0.27	95% :	2.74	0.15	
35	0.50	1.00	1.08	1.91	2.17				
45	0.35	1.50	6.21	11.00	13.17	Med.	2.01	0.25	
60	0.25	2.00	20.20	35.81	48.98	Mean	1.99	0.25	
80	0.18	2.50	23.90	42.37	91.35	St Dev.	0.46		
120	0.13	3.00	4.22	7.48	98.84	Skew	-0.09		
170	0.09	3.50	0.14	0.25	99.09	Kurt.	1.03		
200	0.07	3.75	0.00	0.01	99.09				
230	0.06	4.00	0.00	0.00	99.09				
Pan			0.00	0.01	99.10				
Total			55.91	99.10	99.10				
						Moment	Statistics		
							Phi	mm	
Cu =	1.53	Gravel			0	%	Mean	1.96	0.26
		Coarse Sand			0	%	St. Dev.	0.44	0.74
		Med. Sand			8	%	Skewness	-0.49	
Cc =	0.91	Fine Sand			91	%	Kurtosis	3.70	
		Silt/Clay			1	%			