

Sediment Analysis Data Sheet

Sample 4C

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% :	1.24	0.42
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.61	0.33
7	2.83	-1.50	0.00	0.00	0.00	25% :	1.74	0.30
10	2.00	-1.00	0.00	0.01	0.01	50% :	2.09	0.24
14	1.41	-0.50	0.02	0.03	0.04	75% :	2.38	0.19
18	1.00	0.00	0.04	0.08	0.12	84% :	2.48	0.18
25	0.71	0.50	0.07	0.14	0.26	95% :	2.85	0.14
35	0.50	1.00	0.47	1.02	1.28			
45	0.35	1.50	3.54	7.61	8.89	Med.	2.09	0.24
60	0.25	2.00	15.56	33.49	42.38	Mean	2.06	0.24
80	0.18	2.50	20.10	43.26	85.65	St Dev.	0.46	
120	0.13	3.00	6.12	13.18	98.83	Skew	-0.07	
170	0.09	3.50	0.20	0.43	99.26	Kurt.	1.04	
200	0.07	3.75	0.01	0.03	99.28			
230	0.06	4.00	0.01	0.01	99.30			
Pan			0.00	0.00	99.30			
Total			46.13	99.30	99.30			
						Moment	Statistics	
							Phi	mm
Cu =	1.63	Gravel			0	Mean	2.05	0.24
		Coarse Sand			0	St. Dev.	0.45	0.73
		Med. Sand			5	Skewness	-0.50	
Cc =	0.99	Fine Sand			94	Kurtosis	4.43	
		Silt/Clay			1			