

Sediment Analysis Data Sheet

Sample 4A

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% :	1.20	0.43
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.60	0.33
7	2.83	-1.50	0.00	0.00	0.00	25% :	1.75	0.30
10	2.00	-1.00	0.01	0.03	0.03	50% :	2.12	0.23
14	1.41	-0.50	0.01	0.03	0.06	75% :	2.43	0.19
18	1.00	0.00	0.02	0.05	0.11	84% :	2.60	0.17
25	0.71	0.50	0.20	0.46	0.57	95% :	2.92	0.13
35	0.50	1.00	0.57	1.30	1.87			
45	0.35	1.50	3.40	7.69	9.56	Med.	2.12	0.23
60	0.25	2.00	13.64	30.88	40.44	Mean	2.11	0.23
80	0.18	2.50	17.74	40.18	80.62	St Dev.	0.51	
120	0.13	3.00	7.59	17.20	97.82	Skew	-0.05	
170	0.09	3.50	0.56	1.27	99.09	Kurt.	1.03	
200	0.07	3.75	0.03	0.07	99.16			
230	0.06	4.00	0.02	0.03	99.19			
Pan			0.00	0.01	99.20			
Total			43.80	99.20	99.20			
						Moment	Statistics	
							Phi	mm
Cu =	1.72	Gravel			0	Mean	2.09	0.24
		Coarse Sand			0	St. Dev.	0.49	0.71
		Med. Sand			6	Skewness	-0.55	
Cc =	1.02	Fine Sand			93	Kurtosis	4.55	
		Silt/Clay			1			