

Sediment Analysis Data Sheet

Sample 10F

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% :	1.04	0.49	
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.26	0.42	
7	2.83	-1.50	0.00	0.00	0.00	25% :	1.44	0.37	
10	2.00	-1.00	0.00	0.00	0.00	50% :	1.70	0.31	
14	1.41	-0.50	0.00	0.00	0.00	75% :	1.94	0.26	
18	1.00	0.00	0.03	0.06	0.06	84% :	2.06	0.24	
25	0.71	0.50	0.22	0.46	0.51	95% :	2.39	0.19	
35	0.50	1.00	1.31	2.73	3.24				
45	0.35	1.50	11.80	24.63	27.87	Med.	1.70	0.31	
60	0.25	2.00	25.91	54.08	81.96	Mean	1.67	0.31	
80	0.18	2.50	8.03	16.77	98.73	St Dev.	0.41		
120	0.13	3.00	0.36	0.76	99.48	Skew	-0.05		
170	0.09	3.50	0.01	0.02	99.50	Kurt.	1.12		
200	0.07	3.75	0.00	0.00	99.50				
230	0.06	4.00	0.00	0.00	99.50				
Pan			0.00	0.00	99.50				
Total			47.66	99.50	99.50				
						Moment	Statistics		
							Phi	mm	
Cu =	1.55	Gravel			0	%	Mean	1.68	0.31
		Coarse Sand			0	%	St. Dev.	0.38	0.77
		Med. Sand			16	%	Skewness	-0.34	
Cc =	1.05	Fine Sand			84	%	Kurtosis	3.92	
		Silt/Clay			1	%			