

Sediment Analysis Data Sheet

Sample 10G

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% :	0.55	0.68
5	4.00	-2.00	0.00	0.00	0.00	16% :	0.78	0.58
7	2.83	-1.50	0.00	0.00	0.00	25% :	0.96	0.51
10	2.00	-1.00	0.02	0.03	0.03	50% :	1.28	0.41
14	1.41	-0.50	0.02	0.03	0.06	75% :	1.64	0.32
18	1.00	0.00	0.10	0.18	0.24	84% :	1.82	0.28
25	0.71	0.50	1.38	2.44	2.67	95% :	2.17	0.22
35	0.50	1.00	13.66	24.11	26.79			
45	0.35	1.50	23.56	41.60	68.38	Med.	1.28	0.41
60	0.25	2.00	13.80	24.36	92.74	Mean	1.29	0.41
80	0.18	2.50	3.87	6.84	99.58	St Dev.	0.51	
120	0.13	3.00	0.14	0.25	99.83	Skew	0.07	
170	0.09	3.50	0.02	0.03	99.86	Kurt.	0.98	
200	0.07	3.75	0.01	0.01	99.87			
230	0.06	4.00	0.00	0.01	99.88			
Pan			0.01	0.02	99.90			
Total			56.59	99.90	99.90			
						Moment	Statistics	
							Phi	mm
Cu =	1.72	Gravel			0	Mean	1.30	0.41
		Coarse Sand			0	St. Dev.	0.48	0.72
		Med. Sand			48	Skewness	0.12	
Cc =	1.03	Fine Sand			52	Kurtosis	3.18	
		Silt/Clay			0			