

Sediment Analysis Data Sheet

Sample 3H

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% :	0.73	0.60
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.07	0.48
7	2.83	-1.50	0.00	0.00	0.00	25% :	1.18	0.44
10	2.00	-1.00	0.00	0.00	0.00	50% :	1.47	0.36
14	1.41	-0.50	0.00	0.00	0.00	75% :	1.78	0.29
18	1.00	0.00	0.01	0.03	0.03	84% :	1.89	0.27
25	0.71	0.50	0.30	0.58	0.61	95% :	2.18	0.22
35	0.50	1.00	4.79	9.38	9.99			
45	0.35	1.50	21.89	42.87	52.86	Med.	1.47	0.36
60	0.25	2.00	20.19	39.54	92.40	Mean	1.48	0.36
80	0.18	2.50	3.72	7.28	99.68	St Dev.	0.42	
120	0.13	3.00	0.10	0.19	99.87	Skew	0.01	
170	0.09	3.50	0.01	0.02	99.88	Kurt.	0.98	
200	0.07	3.75	0.00	0.00	99.89			
230	0.06	4.00	0.00	0.00	99.89			
Pan			0.01	0.01	99.90			
Total			51.02	99.90	99.90			
						Moment	Statistics	
							Phi	mm
Cu =	1.54	Gravel			0	%	Mean	1.47 0.36
		Coarse Sand			0	%	St. Dev.	0.40 0.76
		Med. Sand			31	%	Skewness	-0.06
Cc =	0.92	Fine Sand			68	%	Kurtosis	3.12
		Silt/Clay			0	%		