

Sediment Analysis Data Sheet

Sample 3D

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% :	1.03	0.49	
5	4.00	-2.00	0.00	0.00	0.00	16% :	1.49	0.35	
7	2.83	-1.50	0.00	0.00	0.00	25% :	1.62	0.32	
10	2.00	-1.00	0.00	0.00	0.00	50% :	1.98	0.25	
14	1.41	-0.50	0.05	0.07	0.07	75% :	2.32	0.20	
18	1.00	0.00	0.09	0.15	0.21	84% :	2.44	0.18	
25	0.71	0.50	0.59	0.91	1.12	95% :	2.81	0.14	
35	0.50	1.00	2.09	3.23	4.35				
45	0.35	1.50	7.62	11.77	16.12	Med.	1.98	0.25	
60	0.25	2.00	23.04	35.61	51.73	Mean	1.97	0.26	
80	0.18	2.50	23.89	36.93	88.66	St Dev.	0.51		
120	0.13	3.00	6.67	10.31	98.97	Skew	-0.04		
170	0.09	3.50	0.21	0.32	99.29	Kurt.	1.06		
200	0.07	3.75	0.01	0.01	99.30				
230	0.06	4.00	0.00	0.00	99.30				
Pan			0.00	0.00	99.30				
Total			64.25	99.30	99.30				
						Moment	Statistics		
							Phi	mm	
Cu =	1.66	Gravel			0	%	Mean	1.93	0.26
		Coarse Sand			0	%	St. Dev.	0.51	0.70
		Med. Sand			10	%	Skewness	-0.68	
Cc =	0.94	Fine Sand			89	%	Kurtosis	4.24	
		Silt/Clay			1	%			