

## Sediment Analysis Data Sheet

Sample SM-8-1.0

Sieve	Size (mm)	Phi size	Wt %	Wt %	Cumulative %	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	0.48	1.39	1.39	5%	-0.98	1.97
5	4.00	-2.00	0.70	2.09	3.42	16%	1.76	0.29
7	2.83	-1.50	0.29	0.85	4.27	25%	2.25	0.21
10	2.00	-1.00	0.24	0.70	4.96	50%	2.67	0.16
14	1.41	-0.50	0.25	0.74	5.70	75%	2.90	0.13
18	1.00	0.00	0.39	1.13	6.83	84%	2.99	0.13
25	0.71	0.50	0.46	1.34	8.17	95%	3.43	0.09
35	0.50	1.00	0.63	1.84	10.01			
45	0.35	1.50	1.09	3.17	13.19	Med	2.67	0.16
60	0.25	2.00	1.83	5.34	18.53	Mean	2.47	0.18
80	0.18	2.50	1.49	13.09	31.62	St Dev.	0.97	
120	0.13	3.00	18.47	53.84	85.47	Skew	-0.57	
170	0.09	3.50	3.77	11.00	96.47	Kurt.	2.76	
200	0.07	3.75	0.15	0.46	96.93			
230	0.06	4.00	0.04	0.11	97.04			
Pan			0.02	0.06	97.10			
Total			33.31	97.10	97.10			
						Moment	Statistics	
Cu =	1.55	Gravel			2	%	Mean	2.25      0.21
		Coarse Sand			3	%	St. Dev.	1.25      0.42
		Med. Sand			7	%	Skewness	-2.56
Cc =	1.05	Fine Sand			85	%	Kurtosis	9.27
		Silt/Clay			3	%		

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IN INCHES

