

# Sediment Analysis Data Sheet

Sample A-9-0.5

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
	16.00	-4.00	0.00	0.00	0.00			
	11.31	-3.50	0.00	0.00	0.00			
	8.00	-3.00	0.87	2.62	2.62			
	5.66	-2.50	0.86	2.59	5.21	5% :	-2.54	5.82
5	4.00	-2.00	1.35	4.05	9.25	16% :	-1.28	2.43
7	2.83	-1.50	1.30	3.91	13.16	25% :	-0.73	1.66
10	2.00	-1.00	2.15	6.46	19.63	50% :	0.42	0.75
14	1.41	-0.50	3.28	9.86	29.49	75% :	1.17	0.44
18	1.00	0.00	3.34	10.04	39.53	84% :	1.50	0.35
25	0.71	0.50	4.17	12.51	52.05	95% :	2.38	0.19
35	0.50	1.00	6.07	18.22	70.27			
45	0.35	1.50	4.59	13.78	84.05	Med.	0.42	0.75
60	0.25	2.00	2.46	7.39	91.44	Mean	0.21	0.86
80	0.18	2.50	1.55	4.65	96.09	St Dev.	1.44	
120	0.13	3.00	0.89	2.68	98.76	Skew	-0.21	
170	0.09	3.50	0.22	0.65	99.41	Kurt.	1.06	
200	0.07	3.75	0.02	0.06	99.48			
Pan			0.01	0.02	99.50			
Total			33.13	99.50	99.50			
						Moment	Statistics	
							Phi	mm
Cu =	3.69		Gravel	7	%	Mean	0.18	0.88
			Coarse	Sand	12	%	St. Dev.	1.42
			Med.	Sand	58	%	Skewness	-0.44
Cc =	0.96		Fine	Sand	22	%	Kurtosis	2.79

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# Sediment Analysis Data Sheet

Sample A-9-5.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
	16.00	-4.00	0.00	0.00	0.00			
	11.31	-3.50	0.00	0.00	0.00			
	8.00	-3.00	0.51	1.47	1.47			
	5.66	-2.50	1.45	4.20	5.67	5% :	-2.58	5.98
5	4.00	-2.00	1.20	3.48	9.15	16% :	-0.93	1.91
7	2.83	-1.50	1.32	3.82	12.97	25% :	0.34	0.79
10	2.00	-1.00	0.87	2.54	15.51	50% :	2.05	0.24
14	1.41	-0.50	1.25	3.62	19.13	75% :	2.62	0.16
18	1.00	0.00	1.15	3.35	22.48	84% :	2.77	0.15
25	0.71	0.50	1.26	3.67	26.15	95% :	2.96	0.13
35	0.50	1.00	1.26	3.66	29.81			
45	0.35	1.50	2.20	6.38	36.19	Med.	2.05	0.24
60	0.25	2.00	4.00	11.62	47.81	Mean	1.30	0.41
80	0.18	2.50	7.06	20.52	68.33	St Dev.	1.77	
120	0.13	3.00	9.89	28.74	97.07	Skew	-0.64	
170	0.09	3.50	0.73	2.12	99.19	Kurt.	1.00	
200	0.07	3.75	0.03	0.09	99.28			
Pan			0.01	0.02	99.30			
Total			34.18	99.30	99.30			
						Moment	Statistics	
							Phi	mm
Cu =	2.32		Gravel		7 %	Mean	1.28	0.41
			Coarse	Sand	8 %	St. Dev.	1.78	0.29
			Med.	Sand	17 %	Skewness	-1.13	
Cc =	0.70		Fine	Sand	66 %	Kurtosis	2.99	

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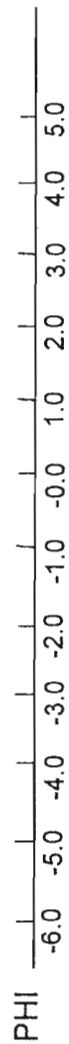
# Sediment Analysis Data Sheet

Sample A-9-14.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
	16.00	-4.00	0.00	0.00	0.00			
	11.31	-3.50	0.00	0.00	0.00			
	8.00	-3.00	0.00	0.00	0.00			
	5.66	-2.50	0.00	0.00	0.00	5% :	1.74	0.30
5	4.00	-2.00	0.07	0.17	0.17	16% :	2.07	0.24
7	2.83	-1.50	0.06	0.15	0.32	25% :	2.16	0.22
10	2.00	-1.00	0.05	0.12	0.44	50% :	2.40	0.19
14	1.41	-0.50	0.07	0.16	0.61	75% :	2.70	0.15
18	1.00	0.00	0.06	0.14	0.75	84% :	2.82	0.14
25	0.71	0.50	0.06	0.15	0.90	95% :	2.97	0.13
35	0.50	1.00	0.08	0.21	1.11			
45	0.35	1.50	0.24	0.60	1.71	Med.	2.40	0.19
60	0.25	2.00	2.67	6.77	8.48	Mean	2.43	0.19
80	0.18	2.50	20.52	52.00	60.48	St Dev.	0.37	
120	0.13	3.00	14.36	36.38	96.85	Skew	0.03	
170	0.09	3.50	0.99	2.51	99.36	Kurt.	0.93	
200	0.07	3.75	0.04	0.11	99.47			
Pan			0.01	0.03	99.50			
Total			39.27	99.50	99.50			
						Moment	Statistics	
							Phi	mm
Cu =	1.52		Gravel	0	%	Mean	2.39	0.19
			Coarse	Sand	0	%	St. Dev.	0.48
			Med.	Sand	1	%	Skewness	-3.84
Cc =	0.96		Fine	Sand	98	%	Kurtosis	32.90

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## IN INCHES



COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT
14.0'	-24.5' MLLW	Fine sand (SP)	Amelia Island Stabilization Project
			AREA Amelia Island, Georgia
			BORING NO. A-9
			DATE June 2001