

Sediment Analysis Data Sheet

Sample A-15-1.5

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	2.08	6.29	6.29			
	8.00	-3.00	1.21	3.66	9.95			
	5.66	-2.50	2.76	8.36	18.31	5% :	-3.60	12.15
5	4.00	-2.00	2.48	7.52	25.83	16% :	-2.64	6.22
7	2.83	-1.50	2.01	6.09	31.92	25% :	-2.06	4.16
10	2.00	-1.00	1.76	5.32	37.24	50% :	0.77	0.59
14	1.41	-0.50	1.47	4.46	41.70	75% :	2.83	0.14
18	1.00	0.00	1.24	3.76	45.46	84% :	3.07	0.12
25	0.71	0.50	1.06	3.20	48.66	95% :	3.45	0.09
35	0.50	1.00	0.82	2.48	51.14			
45	0.35	1.50	0.60	1.82	52.96	Med.	0.77	0.59
60	0.25	2.00	0.67	2.04	55.00	Mean	0.40	0.76
80	0.18	2.50	2.12	6.42	61.42	St Dev.	2.50	
120	0.13	3.00	6.74	20.41	81.82	Skew	-0.22	
170	0.09	3.50	4.82	14.59	96.42	Kurt.	0.59	
200	0.07	3.75	0.56	1.70	98.11			
Pan			0.03	0.09	98.20			
Total			32.42	98.20	98.20			
						Moment	Statistics	
							Phi	mm
Cu =	15.68		Gravel		22 %	Mean	0.37	0.78
			Coarse	Sand	15 %	St. Dev.	2.51	0.18
			Med.	Sand	15 %	Skewness	-0.22	
Cc =	0.14		Fine	Sand	46 %	Kurtosis	1.46	

SEA, INC.

Sediment Analysis Data Sheet

Sample A-15-10.0

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	0.20	0.55	0.55			
	5.66	-2.50	0.05	0.13	0.68	5% :	1.09	0.47
5	4.00	-2.00	0.09	0.25	0.93	16% :	2.11	0.23
7	2.83	-1.50	0.15	0.42	1.36	25% :	2.28	0.21
10	2.00	-1.00	0.18	0.51	1.87	50% :	2.62	0.16
14	1.41	-0.50	0.23	0.64	2.51	75% :	2.86	0.14
18	1.00	0.00	0.23	0.63	3.13	84% :	2.95	0.13
25	0.71	0.50	0.25	0.70	3.83	95% :	3.32	0.10
35	0.50	1.00	0.33	0.92	4.75			
45	0.35	1.50	0.47	1.31	6.07	Med.	2.62	0.16
60	0.25	2.00	1.33	3.70	9.77	Mean	2.56	0.17
80	0.18	2.50	9.90	27.61	37.38	St Dev.	0.55	
120	0.13	3.00	18.67	52.05	89.43	Skew	-0.30	
170	0.09	3.50	3.14	8.75	98.19	Kurt.	1.56	
200	0.07	3.75	0.20	0.54	98.73			
Pan			0.03	0.07	98.80			
Total			35.43	98.80	98.80			
						Moment	Statistics	
							Phi	mm
Cu =	1.42		Gravel		1 %	Mean	2.43	0.19
			Coarse	Sand	1 %	St. Dev.	0.87	0.55
			Med.	Sand	4 %	Skewness	-3.72	
Cc =	0.95		Fine	Sand	93 %	Kurtosis	20.27	

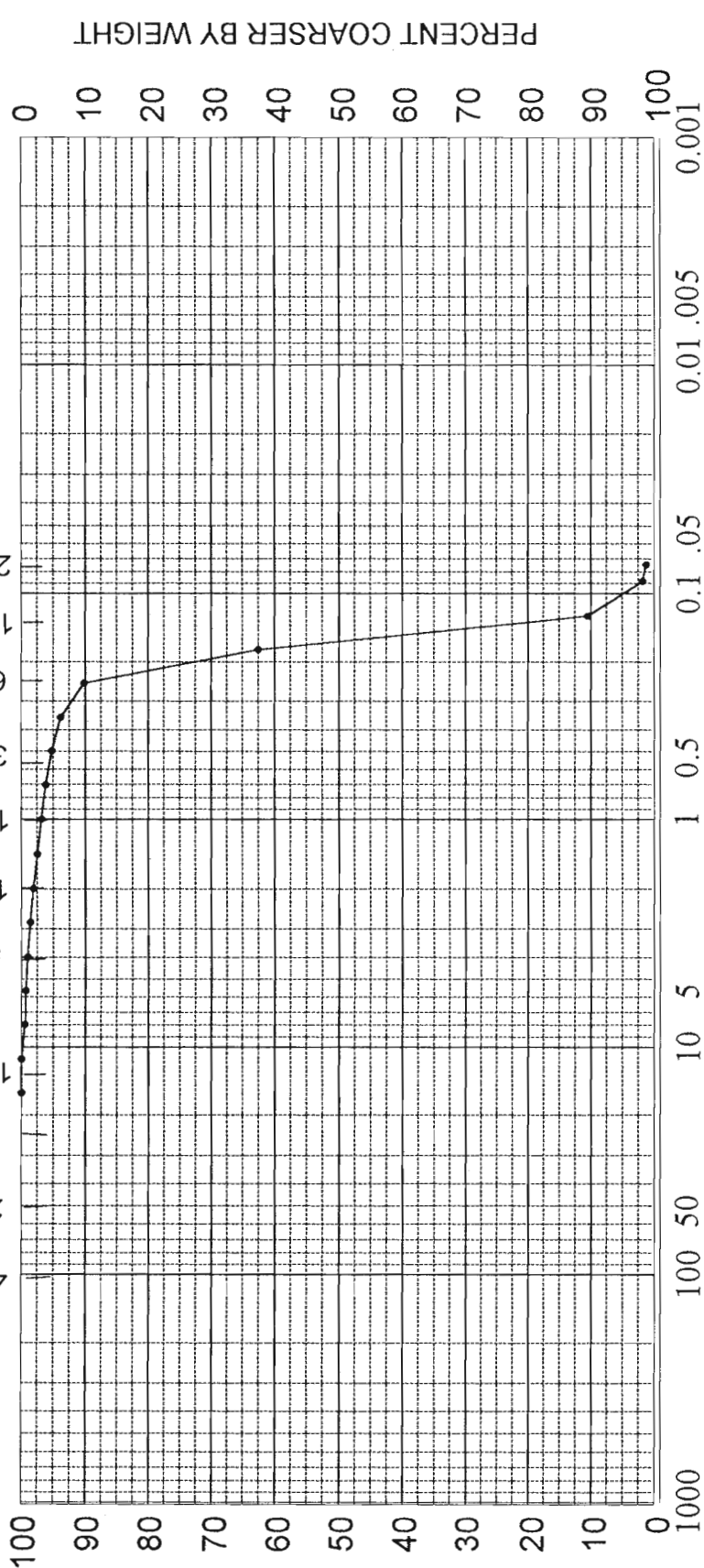
SEA, INC.

HYDROMETER

U.S. STANDARD SIEVE NUMBERS

U.S. STANDARD SIEVE OPENING
IN INCHES

200
120
60
35
18
10
5
1/2
1
2
4



PHI

GRAVEL

COARSE

FINE

SAND

COARSE

MEDIUM

FINE

SILT OR CLAY

SAMPLE NO.	ELEV.	CLASSIFICATION				PROJECT Amelia Island Stabilization Project	
	10.0'	-28.7' MLLW	Fine sand (SP)				AREA Amelia Island, Georgia
							BORING NO. A-15
							DATE June 2001