

Sediment Analysis Data Sheet

Sample A-26R2-11.0

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	1.28	3.95	3.95	5% :	-2.35	5.08
5	4.00	-2.00	1.10	3.41	7.36	16% :	-1.22	2.33
7	2.83	-1.50	1.36	4.20	11.56	25% :	-0.73	1.66
10	2.00	-1.00	2.56	7.91	19.47	50% :	0.59	0.66
14	1.41	-0.50	3.33	10.29	29.76	75% :	1.38	0.38
18	1.00	0.00	3.18	9.82	39.57	84% :	1.70	0.31
25	0.71	0.50	2.59	7.99	47.56	95% :	2.38	0.19
35	0.50	1.00	4.33	13.38	60.94			
45	0.35	1.50	5.93	18.31	79.25	Med.	0.59	0.66
60	0.25	2.00	3.89	12.01	91.26	Mean	0.36	0.78
80	0.18	2.50	1.59	4.92	96.17	St Dev.	1.45	
120	0.13	3.00	0.87	2.67	98.85	Skew	-0.24	
170	0.09	3.50	0.14	0.44	99.29	Kurt.	0.92	
200	0.07	3.75	0.02	0.06	99.35			
Pan			0.02	0.05	99.40			
Total			32.21	99.40	99.40			
						Moment	Statistics	
							Phi	mm
Cu =	3.79		Gravel		6 %	Mean	0.30	0.81
			Coarse	Sand	14 %	St. Dev.	1.40	0.38
			Med.	Sand	51 %	Skewness	-0.39	
Cc =	0.70		Fine	Sand	29 %	Kurtosis	2.38	

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

100
90
80
70
60
50
40
30
20
10
0

0

10

20

30

40

50

60

70

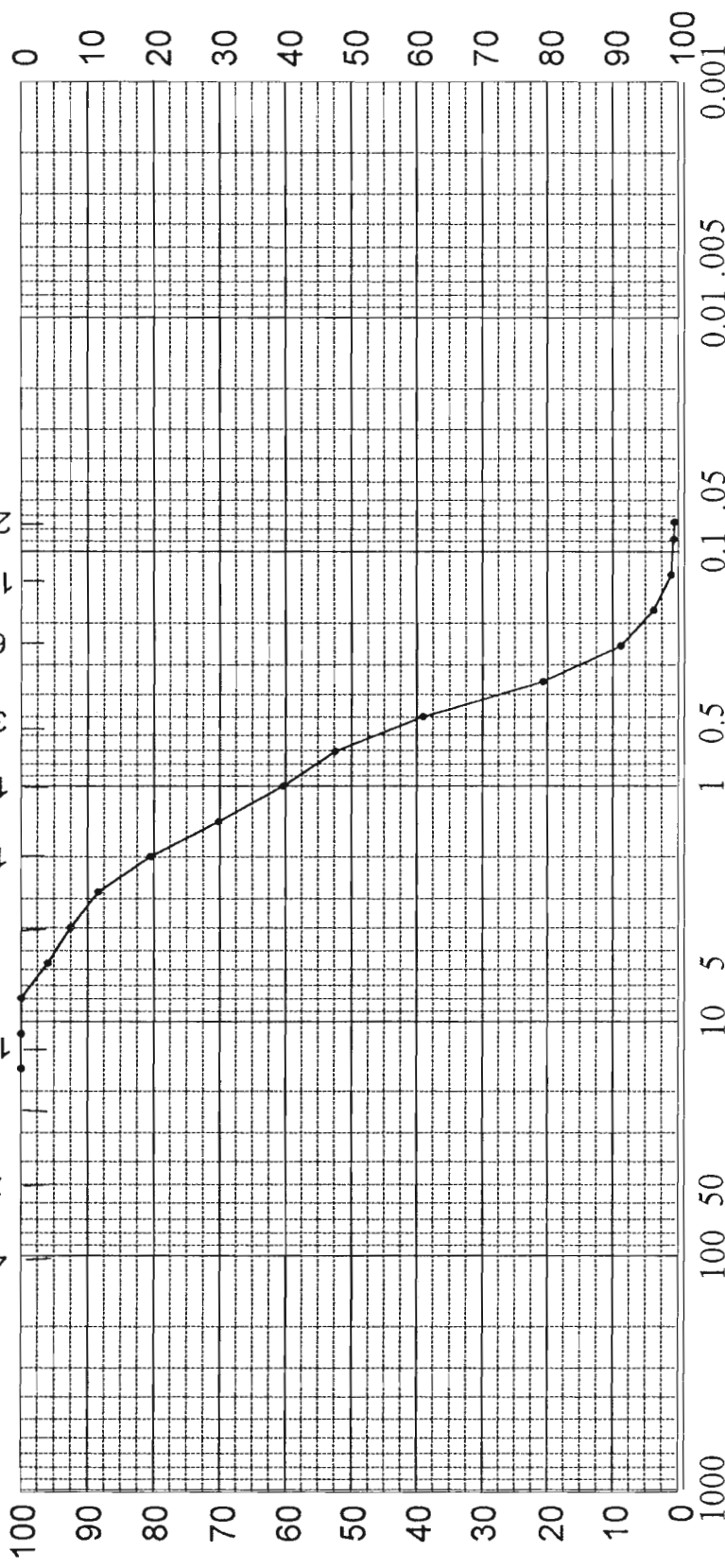
80

90

100

PERCENT FINER BY WEIGHT

PERCENT COARSER BY WEIGHT



GRAIN SIZE IN MILLIMETERS

PHI -6.0 -5.0 -4.0 -3.0 -2.0 -1.0 -0.0 1.0 2.0 3.0 4.0 5.0

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION				PROJECT Amelia Island Stabilization Project	
11.0'	-20.8' MLLW	Medium to fine sand (SP)				AREA	Amelia Island, Georgia
						BORING NO.	A-26R2
						DATE	June 2001