

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
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Project Name: Reach 8 Beach Samples

Sample Name: R-125 (-4FT)

Analysis Date: 03-15-07

Analyzed By: AU

Easting (ft):

970,997

Northing (ft):

833,322

Coordinate System:

Florida State Plane East

Elevation (ft):

-4.0 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-4/1

Dry - 2.5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

141.65

Wash Weight (g):

140.03

Pan Retained (g):

0.00

Sieve Loss (%):

0.04

Fines (%):

#200 - 1.21
#230 - 1.20

Organics (%):

Carbonates (%):

Shell Hash (%):

1

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4	-4.25	19.03	0.00	0.00	0.00	0.00
5/8	-4.00	16.00	0.00	0.00	0.00	0.00
7/16	-3.50	11.31	2.63	1.86	2.63	1.86
5/16	-3.00	8.00	2.28	1.61	4.91	3.47
3.5	-2.50	5.66	0.98	0.69	5.89	4.16
4	-2.25	4.76	0.10	0.07	5.99	4.23
5	-2.00	4.00	0.19	0.13	6.18	4.36
7	-1.50	2.83	1.06	0.75	7.24	5.11
10	-1.00	2.00	0.61	0.43	7.85	5.54
14	-0.50	1.41	1.93	1.36	9.78	6.90
18	0.00	1.00	3.08	2.17	12.86	9.07
25	0.50	0.71	5.47	3.86	18.33	12.93
35	1.00	0.50	9.41	6.64	27.74	19.57
45	1.50	0.35	11.54	8.15	39.28	27.72
60	2.00	0.25	12.85	9.07	52.13	36.79
80	2.50	0.18	24.28	17.14	76.41	53.93
120	3.00	0.13	51.44	36.31	127.85	90.24
170	3.50	0.09	12.01	8.48	139.86	98.72
200	3.75	0.07	0.10	0.07	139.96	98.79
230	4.00	0.06	0.01	0.01	139.97	98.80

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.28

2.91

2.79

2.39

1.33

0.73

-1.57

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.82

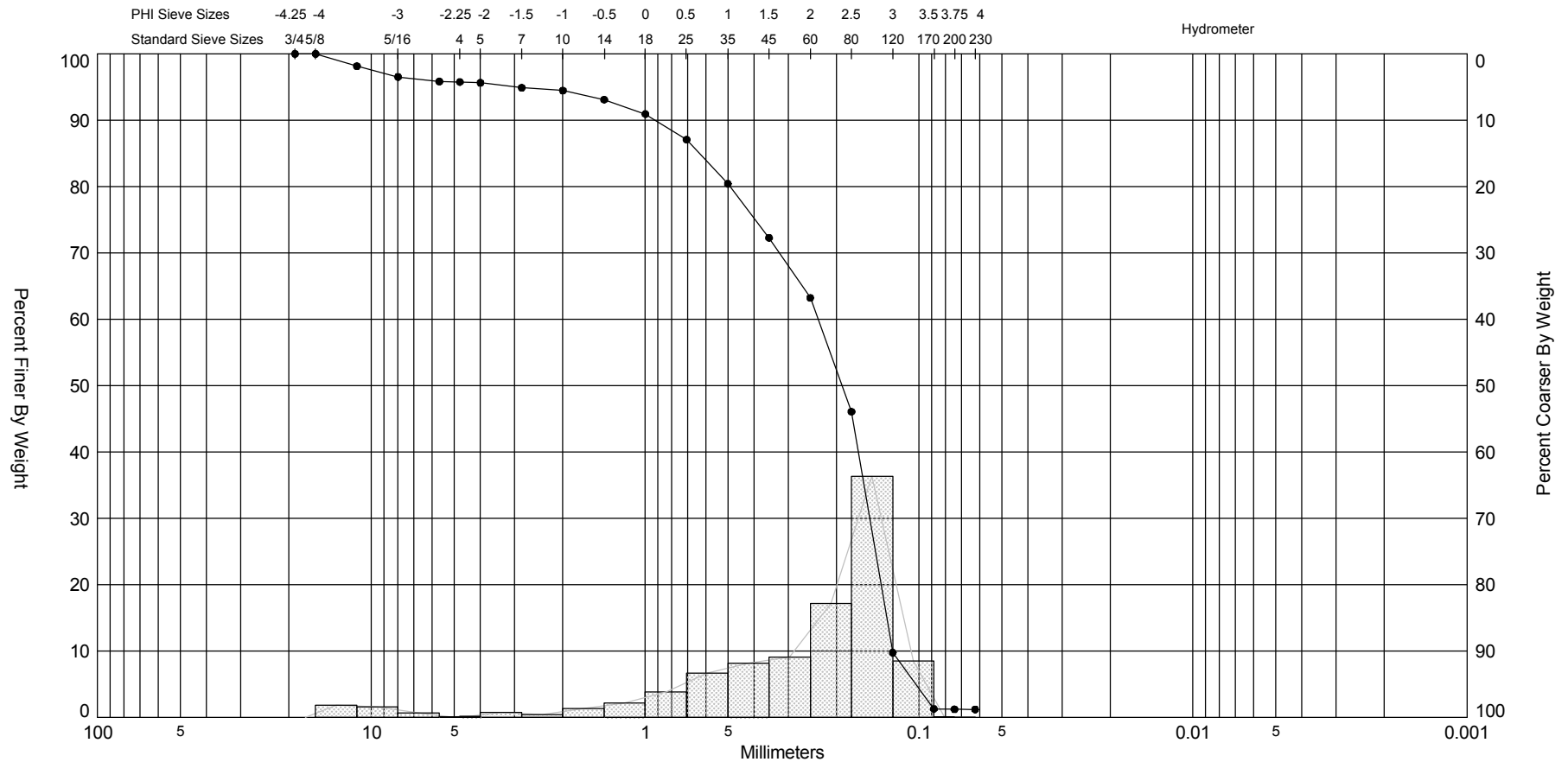
0.28

1.49


-2.03

7.26

GRANULARMETRIC REPORT REACH 8 BEACH 2007.GPJ FL DEP ROSS GDT 4/20/07



Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
R-125 (-4FT)	—●—	-4.0	SW	#200 - 1.21 #230 - 1.20			2.39	1.82	-2.03	7.26	1.49	Project Name:	Reach 8 Beach Samples
Comments:												Analysis Date:	03-15-07
Depths and elevations based on measured values												Analyzed By:	AU
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	970,997
												Northing (Y, ft):	833,322
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88