

# Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering  
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Project Name: St. Lucie Sand Search

Sample Name: SLJP-06-17 #BOT

Analysis Date: 03-18-06

Analyzed By: AMS

Easting (ft):

930,974

Northing (ft):

1,072,401

Coordinate System:

Florida State Plane East

Elevation (ft):

USCS:

SP

Munsell:

Wet - 2.5Y-4/1

Dry - 2.5Y-6/1

Washed - 2.5Y-6/1

Comments:

Dry Weight (g):

109.32

Wash Weight (g):

106.55

Pan Retained (g):

0.07

Sieve Loss (%):

0.07

Fines (%):

#200 - 2.98

#230 - 2.67

Organics (%):

Carbonates (%):

Shells (%):

7

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	2.23	2.04	2.23	2.04
5/16"	-3.00	8.00	0.32	0.29	2.55	2.33
3.5	-2.50	5.66	1.67	1.53	4.22	3.86
4	-2.25	4.76	0.61	0.56	4.83	4.42
5	-2.00	4.00	0.66	0.60	5.49	5.02
7	-1.50	2.83	2.54	2.32	8.03	7.35
10	-1.00	2.00	2.98	2.73	11.01	10.07
14	-0.50	1.41	3.84	3.51	14.85	13.58
18	0.00	1.00	4.16	3.81	19.01	17.39
25	0.50	0.71	8.45	7.73	27.46	25.12
35	1.00	0.50	16.21	14.83	43.67	39.95
45	1.50	0.35	23.30	21.31	66.97	61.26
60	2.00	0.25	26.16	23.93	93.13	85.19
80	2.50	0.18	8.32	7.61	101.45	92.80
120	3.00	0.13	2.92	2.67	104.37	95.47
170	3.50	0.09	1.29	1.18	105.66	96.65
200	3.75	0.07	0.40	0.37	106.06	97.02
230	4.00	0.06	0.34	0.31	106.40	97.33

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.91

1.98

1.79

1.24

0.49

-0.18

-2.01

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.88

0.54

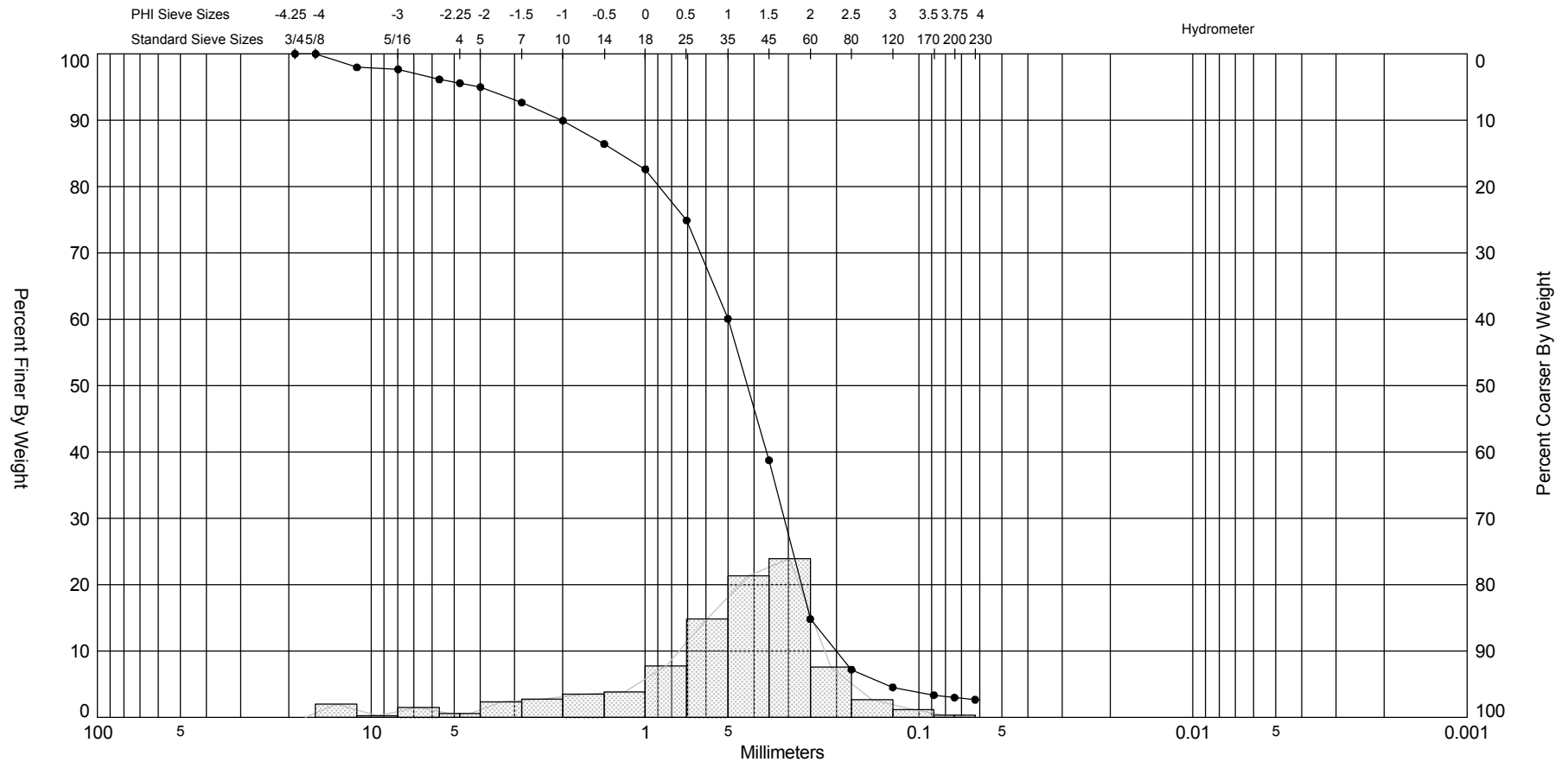
1.37

-1.35


5.11

GRANULARMETRIC REPORT ST. LUCIE JP.GPJ FL DEP ROSS.GDT 3/30/06

SIEVE ANALYSIS ST. LUCIE JP.GPJ FL DEP ROSS.GDT 8/8/06



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	
SLJP-06-17 #BOT	—●—		SP	#200 - 2.98 #230 - 2.67			1.24	0.88	-1.35	5.11	1.37	Project Name:	St. Lucie Sand Search
Comments:												Analysis Date:	03-18-06
Depths and elevations based on measured values												Analyzed By:	AMS
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	930,974
												Northing (Y, ft):	1,072,401
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88