

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-06-11 #BOT

Analysis Date: 03-20-06

Analyzed By: AU

Easting (ft):

914,929

Northing (ft):

1,079,681

Coordinate System:

Florida State Plane East

Elevation (ft):

USCS:

SW

Munsell:

Wet - 5Y-4/1

Dry - 2.5Y-5/1

Washed - 2.5Y-6/1

Comments:

Dry Weight (g):

92.88

Wash Weight (g):

91.46

Pan Retained (g):

0.09

Sieve Loss (%):

0.05

Fines (%):

#200 - 2.28
#230 - 1.68

Organics (%):

Carbonates (%):

Shells (%):

2

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	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.21	0.23	0.21	0.23
4	-2.25	4.76	0.12	0.13	0.33	0.36
5	-2.00	4.00	0.47	0.51	0.80	0.86
7	-1.50	2.83	0.72	0.78	1.52	1.64
10	-1.00	2.00	1.72	1.85	3.24	3.49
14	-0.50	1.41	2.66	2.86	5.90	6.35
18	0.00	1.00	3.05	3.28	8.95	9.64
25	0.50	0.71	5.12	5.51	14.07	15.15
35	1.00	0.50	7.97	8.58	22.04	23.73
45	1.50	0.35	11.54	12.42	33.58	36.15
60	2.00	0.25	29.57	31.84	63.15	67.99
80	2.50	0.18	18.70	20.13	81.85	88.12
120	3.00	0.13	4.63	4.98	86.48	93.11
170	3.50	0.09	2.84	3.06	89.32	96.17
200	3.75	0.07	1.44	1.55	90.76	97.72
230	4.00	0.06	0.56	0.60	91.32	98.32

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.31

2.40

2.17

1.72

1.05

0.55

-0.74

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.5

0.35

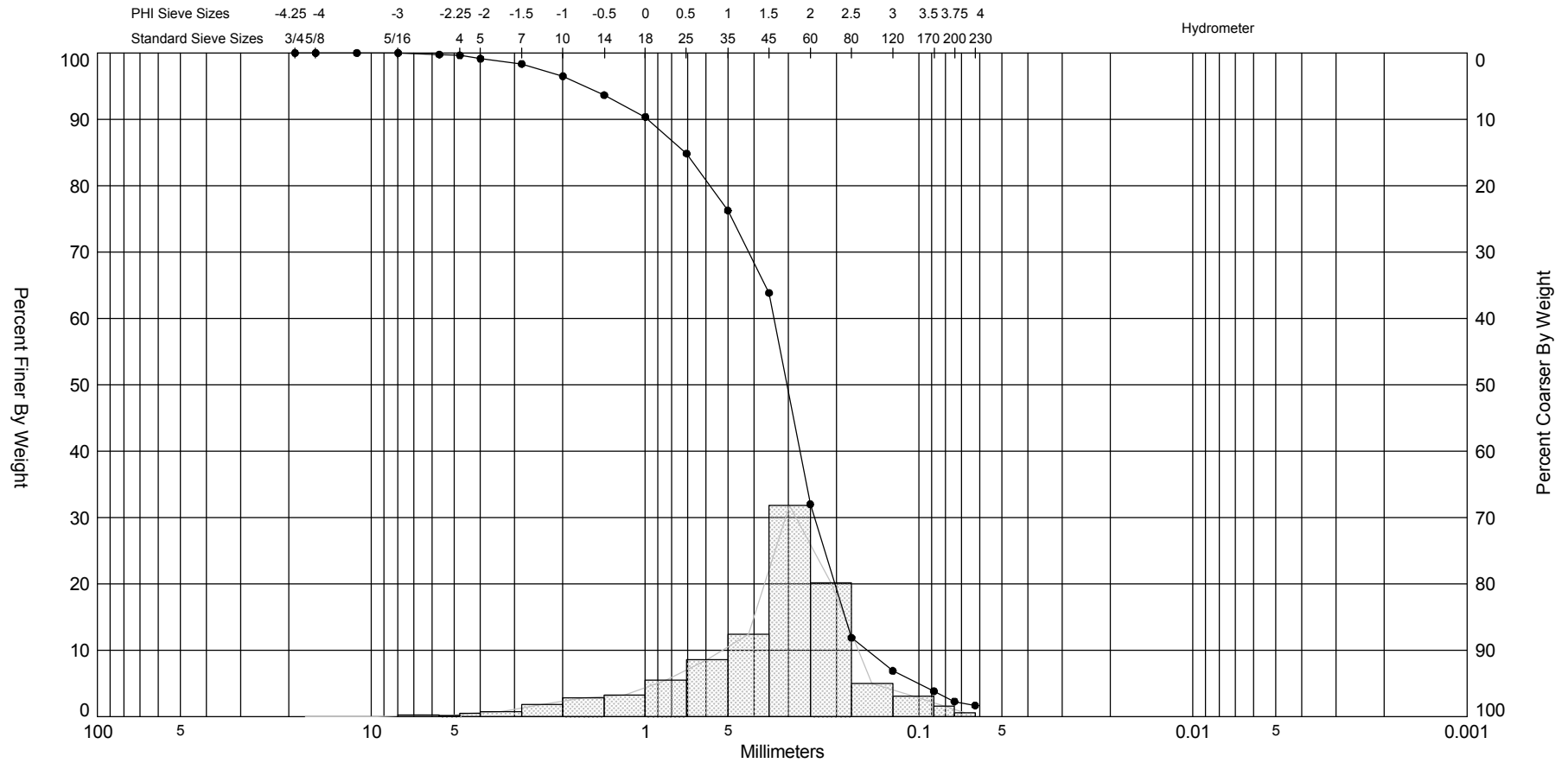
1.08

-0.97


4.5

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-06-11 #BOT	—●—		SW	#200 - 2.28 #230 - 1.68			1.72	1.5	-0.97	4.5	1.08	Project Name:	St. Lucie Sand Search
Comments:												Analysis Date:	03-20-06
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):	914,929
												Northing (Y, ft):	1,079,681
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88