

# 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-06-04 #MID

Analysis Date: 03-10-06

Analyzed By: AMS

Easting (ft):

914,510

Northing (ft):

1,088,531

Coordinate System:

Florida State Plane East

Elevation (ft):

USCS:

SP

Munsell:

Wet - 2.5Y-4/1  
Dry - 2.5Y-5/1  
Washed - 5Y-6/1

Comments:

Dry Weight (g):

114.29

Wash Weight (g):

112.22

Pan Retained (g):

0.06

Sieve Loss (%):

0.02

Fines (%):

#200 - 2.17  
#230 - 1.88

Organics (%):

Carbonates (%):

Shells (%):

0

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	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.06	0.05	0.06	0.05
5	-2.00	4.00	0.01	0.01	0.07	0.06
7	-1.50	2.83	0.13	0.11	0.20	0.17
10	-1.00	2.00	0.57	0.50	0.77	0.67
14	-0.50	1.41	1.26	1.10	2.03	1.78
18	0.00	1.00	2.67	2.34	4.70	4.11
25	0.50	0.71	6.13	5.36	10.83	9.48
35	1.00	0.50	12.00	10.50	22.83	19.98
45	1.50	0.35	19.43	17.00	42.26	36.98
60	2.00	0.25	36.90	32.29	79.16	69.26
80	2.50	0.18	25.98	22.73	105.14	91.99
120	3.00	0.13	4.93	4.31	110.07	96.31
170	3.50	0.09	1.11	0.97	111.18	97.28
200	3.75	0.07	0.63	0.55	111.81	97.83
230	4.00	0.06	0.33	0.29	112.14	98.12

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.85

2.32

2.13

1.70

1.15

0.81

0.08

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.57

0.34

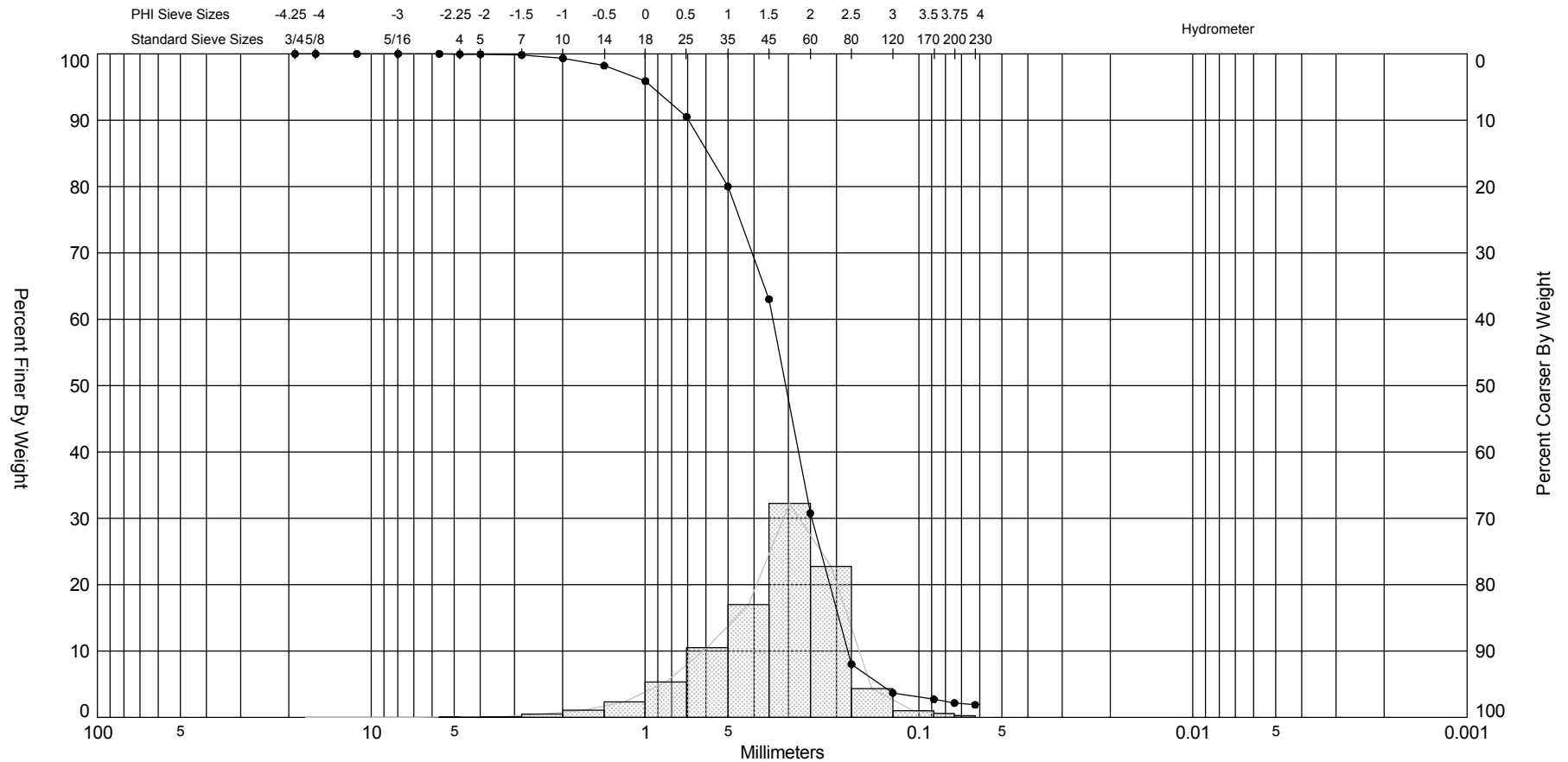
0.8

-0.77


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-06-04 #MID	—●—		SP	#200 - 2.17 #230 - 1.88			1.7	1.57	-0.77	4.5	0.8	Project Name:	St. Lucie Sand Search
Comments:												Analysis Date:	03-10-06
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):	914,510
												Northing (Y, ft):	1,088,531
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88