

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
2481 NW Boca Raton Blvd, Boca Raton
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Project Name: St. Lucie Sand Search

Sample Name: SLJP-06-05 #BOT

Analysis Date: 03-10-06

Analyzed By: AMS

Easting (ft):

913,838

Northing (ft):

1,086,134

Coordinate System:

Florida State Plane East

Elevation (ft):

USCS:

SW

Munsell:

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

Comments:

Dry Weight (g):

113.88

Wash Weight (g):

111.89

Pan Retained (g):

0.27

Sieve Loss (%):

0.07

Fines (%):

#200 - 3.15
#230 - 2.05

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

0.28

0.25

0.28

0.25

7/16"

-3.50

11.31

0.00

0.00

0.28

0.25

5/16"

-3.00

8.00

0.29

0.25

0.57

0.50

3.5

-2.50

5.66

0.13

0.11

0.70

0.61

4

-2.25

4.76

0.08

0.07

0.78

0.68

5

-2.00

4.00

0.16

0.14

0.94

0.83

7

-1.50

2.83

0.85

0.75

1.79

1.57

10

-1.00

2.00

1.42

1.25

3.21

2.82

14

-0.50

1.41

2.80

2.46

6.01

5.28

18

0.00

1.00

4.41

3.87

10.42

9.15

25

0.50

0.71

8.51

7.47

18.93

16.62

35

1.00

0.50

15.40

13.52

34.33

30.15

45

1.50

0.35

20.96

18.41

55.29

48.55

60

2.00

0.25

28.61

25.12

83.90

73.67

80

2.50

0.18

13.10

11.50

97.00

85.18

120

3.00

0.13

4.01

3.52

101.01

88.70

170

3.50

0.09

6.33

5.56

107.34

94.26

200

3.75

0.07

2.95

2.59

110.29

96.85

230

4.00

0.06

1.25

1.10

111.54

97.95

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.57

2.45

2.06

1.53

0.81

0.46

-0.56

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.41

0.38

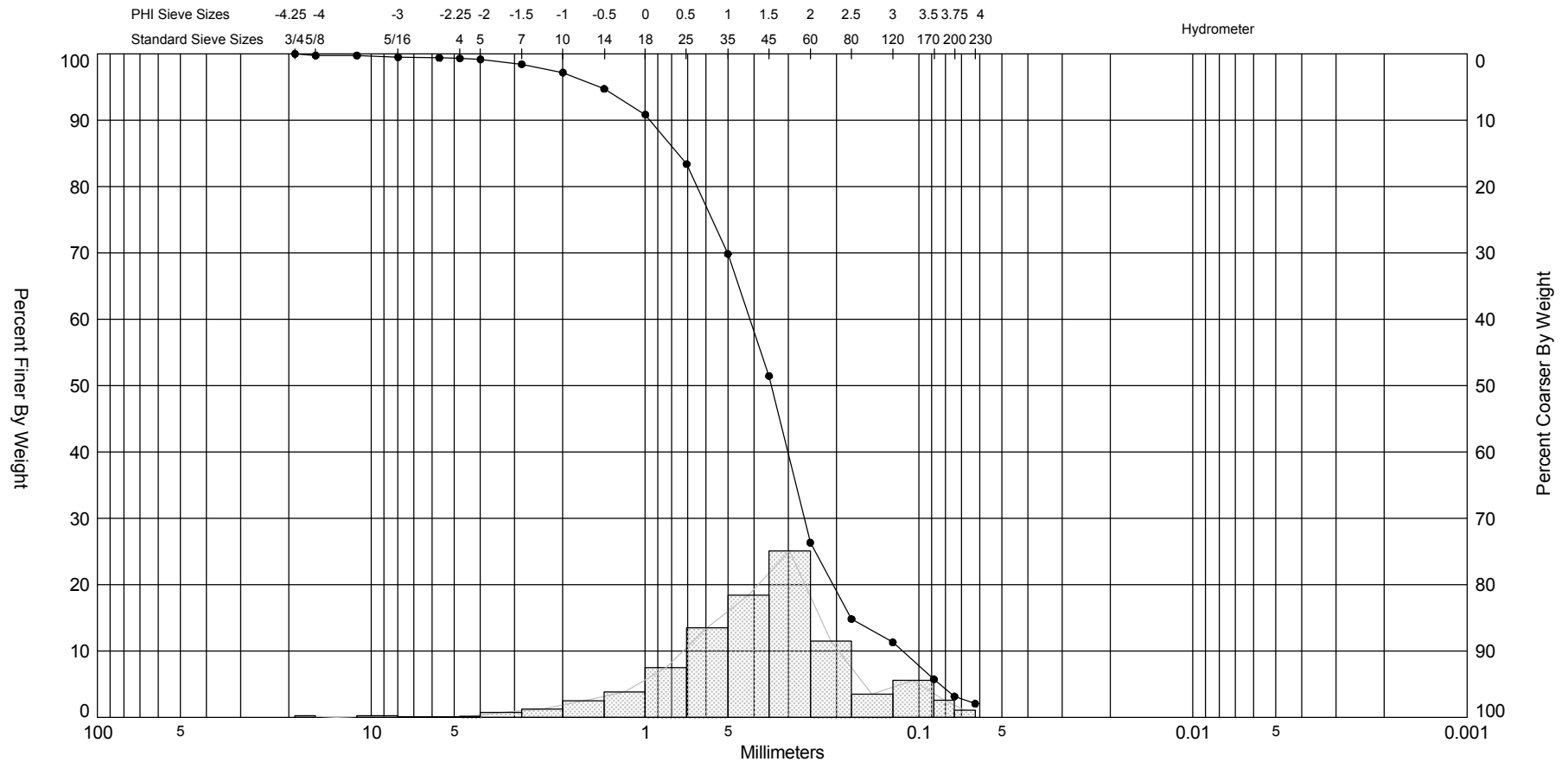
1.14

-0.65


5.01

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-06-05 #BOT	—●—		SW	#200 - 3.15 #230 - 2.05			1.53	1.41	-0.65	5.01	1.14	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						
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												Easting (X, ft):	913,838
												Northing (Y, ft):	1,086,134
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88