

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-06-10 #BOT

Analysis Date: 03-13-06

Analyzed By: AMS

Easting (ft):

914,567

Northing (ft):

1,080,467

Coordinate System:

Florida State Plane East

Elevation (ft):

USCS:

SW

Munsell:

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

Comments:

Dry Weight (g):

86.03

Wash Weight (g):

84.69

Pan Retained (g):

0.03

Sieve Loss (%):

0.01

Fines (%):

#200 - 2.09
#230 - 1.60

Organics (%):

Carbonates (%):

Shells (%):

10

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

0.94

1.09

0.94

1.09

7/16"

-3.50

11.31

0.71

0.83

1.65

1.92

5/16"

-3.00

8.00

0.96

1.12

2.61

3.03

3.5

-2.50

5.66

1.18

1.37

3.79

4.41

4

-2.25

4.76

0.38

0.44

4.17

4.85

5

-2.00

4.00

1.31

1.52

5.48

6.37

7

-1.50

2.83

3.22

3.74

8.70

10.11

10

-1.00

2.00

4.66

5.42

13.36

15.53

14

-0.50

1.41

5.87

6.82

19.23

22.35

18

0.00

1.00

5.95

6.92

25.18

29.27

25

0.50

0.71

9.39

10.91

34.57

40.18

35

1.00

0.50

11.91

13.84

46.48

54.03

45

1.50

0.35

13.90

16.16

60.38

70.18

60

2.00

0.25

17.35

20.17

77.73

90.35

80

2.50

0.18

3.97

4.61

81.70

94.97

120

3.00

0.13

0.65

0.76

82.35

95.72

170

3.50

0.09

1.01

1.17

83.36

96.90

200

3.75

0.07

0.87

1.01

84.23

97.91

230

4.00

0.06

0.42

0.49

84.65

98.40

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.52

1.84

1.62

0.85

-0.31

-0.97

-2.23

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.52

0.70

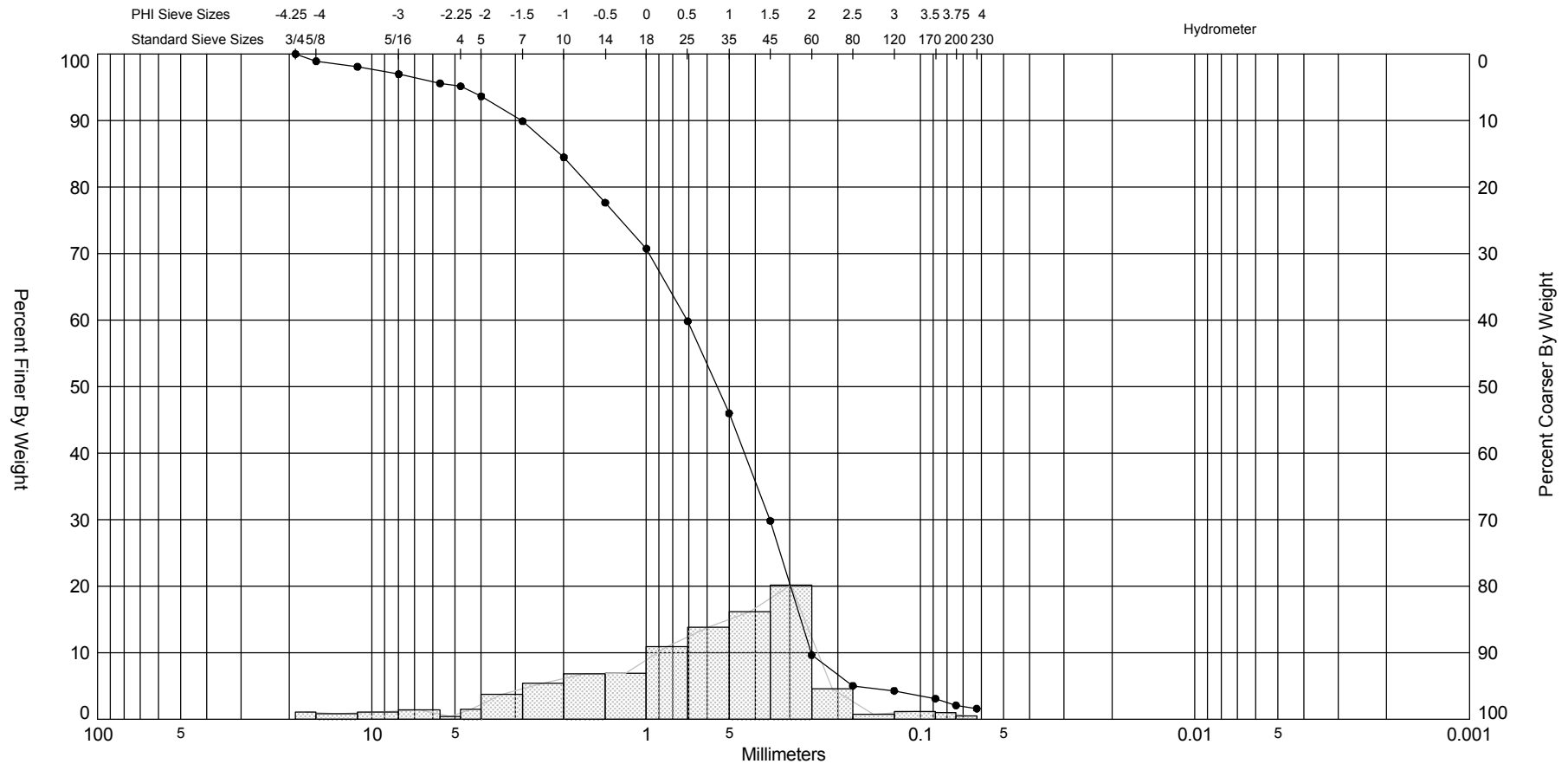
1.49

-0.81


3.7

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-06-10 #BOT	—●—		SW	#200 - 2.09 #230 - 1.60			0.85	0.52	-0.81	3.7	1.49	Project Name:	St. Lucie Sand Search
Comments:												Analysis Date:	03-13-06
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):	914,567
												Northing (Y, ft):	1,080,467
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88