

JET PROBE LOG

PROJECT: Collier County

JET PROBE: CCJP-02-48

COORDINATES:

N = 599757

E = 407970

DATE: 01/30/03

START TIME: 1110

END TIME: 1120

WATER DEPTH: 8.1 FT

TOP DIVER: -

BOTTOM DIVER: JB

NOTES	ELEV.	DEPTH	SYMBOL	DESCRIPTION
LENGTH OF PVC PIPE: 20.0' PENETRATION DEPTH: 15.0' JET PUMP TYPE: BRIGGS & STRATON 3.0 HP GAL/HR: 8460 DIAMETER OF PIPE: 1.5"	-8.1	0		SEA FLOOR
SUPPORT VESSEL: CPE II POSITIONING: DIFFERENTIAL GPS USCG BEACON NAVIGATION SYSTEM: "HYPACK"	-13.1	1		Fine Sand
WEATHER: WIND: DIR: NORTHEAST SPEED: 5 to 10 Kt WAVES: DIR: NORTHEAST HEIGHT: 0 - 1 Ft. CURRENT: DIR: SOUTH SPEED: MODERATE	-15.1	2		
		3		
		4		
		5		Fine Sand with some Shell Hash/Shell Fragments
		6		
		7		
		8		
		9		
		10		
		11		Fine Sand with Little Shell Fragment Layers
		12		
		13		
		14		
SAND SAMPLES TOP: 0.20 mm (visual estimate) Munsell Color: Wet 5Y-6/2, Dry 5Y-7/1 MID: 0.13 mm, Silt: 2.15%, Shell: 0% Munsell Color: Wet 5Y-6/2, Dry 5Y-7/2 BOTTOM: 0.15 mm (visual estimate) Munsell Color: Wet 5Y-6/2, Dry 5Y-7/1	-23.1	15		
		16		
		17		
		18		
		19		
		20		
		21		
		22		
		23		
		24		
TURBIDITY: TOP (0.0' - 7.5'): Low BOTTOM: (7.5' - 15.0'): Low				
DRAWN BY: JB JOB NO: 8500.04	CHECKED BY: MDA / JLA			
				Refusal @ 15.0' Resistant Substrate

Gradation Analysis Report

Project Name: Collier County

Sample Name: CCJP-02-48 MID

Sample Date: 02/03/03

Analyzed By: ID



Coastal Planning & Engineering, Inc.

2481 N.W. Boca Raton Blvd.
Boca Raton, FL 33431

Easting: 407970	Northing: 599757	Coordinate System: State Plane 1983 FL East Feet	Elevation: N/A
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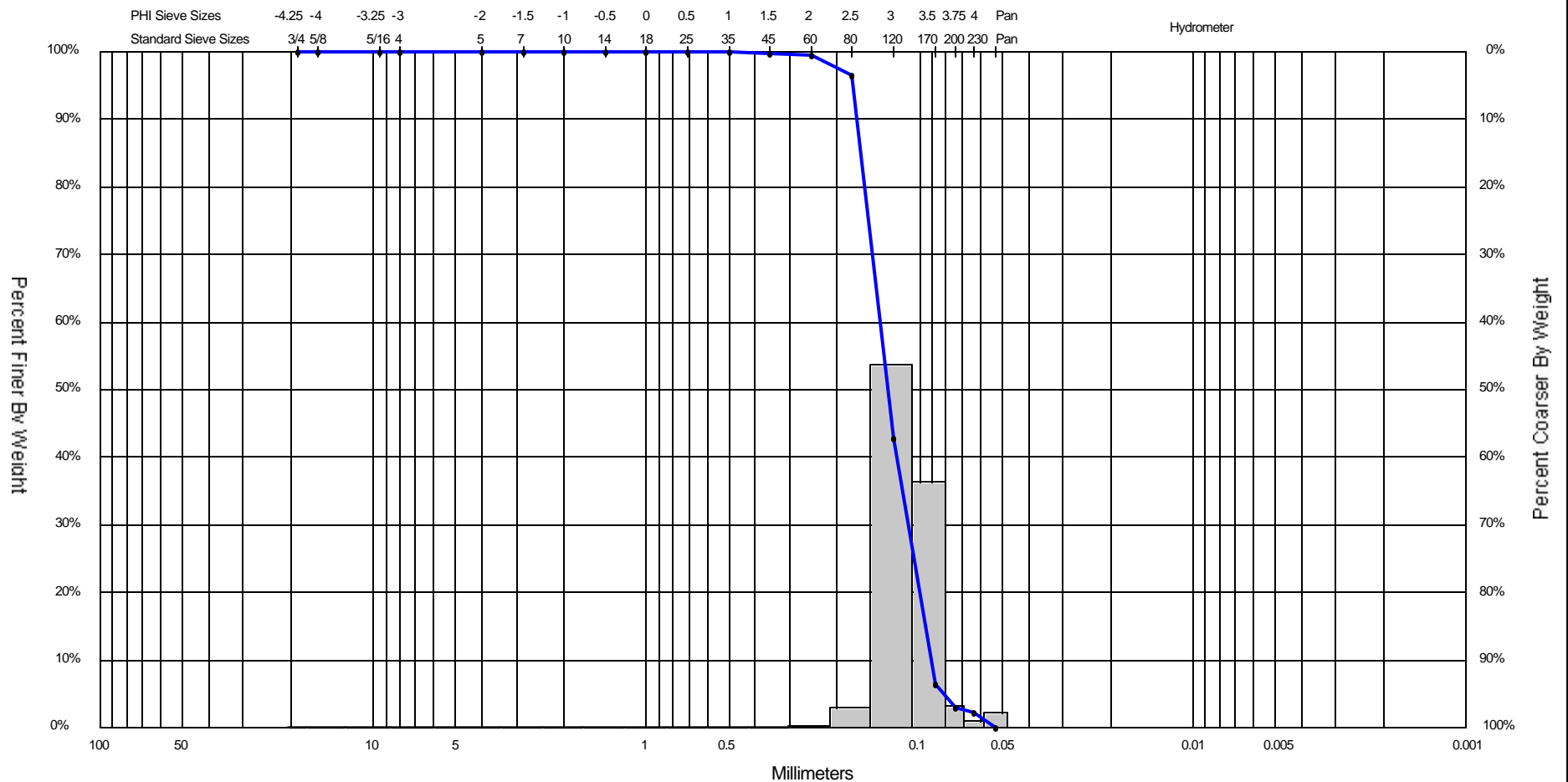
USCS: SP	Dry Munsel: 5Y-7/2	Wet Munsel: 5Y-6/2	Comments: See logs for estimated % shell content
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Dry Weight: 68.22	Wash Weight: 66.88	Sieve Loss: 0.02	Percent Silt: 2.15	Estimated Percent Shell Content: N/A
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Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4	-4.25	19.02	0.00	0.00	0.00	0.00
5/8	-4.00	16.00	0.00	0.00	0.00	0.00
5/16	-3.25	9.51	0.00	0.00	0.00	0.00
4	-3.00	8.00	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.00	0.00	0.00	0.00
7	-1.50	2.82	0.00	0.00	0.00	0.00
10	-1.00	2.00	0.02	0.03	0.02	0.03
14	-0.50	1.41	0.02	0.03	0.04	0.06
18	0.00	1.00	0.01	0.01	0.05	0.07
25	0.50	0.70	0.01	0.01	0.06	0.09
35	1.00	0.50	0.01	0.01	0.07	0.10
45	1.50	0.35	0.05	0.07	0.12	0.18
60	2.00	0.25	0.16	0.23	0.28	0.41
80	2.50	0.17	2.11	3.09	2.39	3.50
120	3.00	0.12	36.59	53.64	38.98	57.14
170	3.50	0.08	24.89	36.48	63.87	93.62
200	3.75	0.07	2.24	3.28	66.11	96.91
230	4.00	0.06	0.64	0.94	66.75	97.85
Pan	Pan	Pan	1.45	2.13	68.20	99.97

Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
2.51	2.62	2.7	2.93	3.24	3.37	3.6

Statistics	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Graphic	3.01	0.12	0.35	0.27	0.82
Moment	3.00	0.13	0.42	0.22	1.35



Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev.	Comments	USCS	% Silt	Median	Mean	Skew	Kurt	Sort	Sample Information	
CCJP-02-48 MID		N/A		SP	2.15	0.13	0.13	0.22	1.35	0.42	Project Name:	Collier County
Incremental % Weight		N/A	Use Left Hand Scale								Collection Date:	02/03/03
											Analyzed By:	ID
 <div> Coastal Planning & Engineering, Inc. 2481 N.W. Boca Raton Blvd. Boca Raton, FL 33431 ph 561 391-8102 fax 561 391-9116 </div>											Easting (X):	407970
											Northing (Y):	599757
											Horizontal System:	State Plane 1983 FL East Feet
											Vertical System:	N/A