

Depths and elevations corrected for either expansion or
compaction based on judgement



Analyzed By: CM

Elevation (ft):

-8.5 NAVD 88

Comments:

Wet - 10YR-7/1

Shells (%):

C. % Weight Retained

0.00

0.00

0.00

0.00

0.00

0.04

0.17

0 28

0.39

0.59

0.01

155


Phi 95

1.88

Kurtosis

21.27

GRANULARMETRIC REPORT HONEYMOON GINT LOGS.GPJ FL DEP ROSS.GDT 3/12/10

Granularmetric Report Depths and elevations corrected for either expansion or compaction based on judgement				 Athena Technologies, Inc. 1293 Graham Farm Road McClellanville, SC 29458 ph (843) 887-3800 fax (843) 887-3801			
Project Name: Humiston & Moore, Honeymoon Island							
Sample Name: HI-V4 #HI-V4-3							
Analysis Date: 03-07-10							
Analyzed By: CM							
Easting (ft): 389,702		Northing (ft): 1,352,608		Coordinate System: Florida State Plane West		Elevation (ft): -17.2 NAVD 88	
USCS: SP-SM		Munsell: Wet - 10YR-5/1		Comments:			
Dry Weight (g): 89.13	Wash Weight (g): 81.79	Pan Retained (g): 0.00	Sieve Loss (%): 0.48	Fines (%): #230 - 8.73	Organics (%):	Carbonates (%):	Shells (%):
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	
3.5	-2.50	5.66	0.37	0.42	0.37	0.42	
4	-2.25	4.76	0.00	0.00	0.37	0.42	
5	-2.00	4.00	0.60	0.67	0.97	1.09	
7	-1.50	2.83	1.09	1.22	2.06	2.31	
10	-1.00	2.00	1.32	1.48	3.38	3.79	
14	-0.50	1.41	1.37	1.54	4.75	5.33	
18	0.00	1.00	1.53	1.72	6.28	7.05	
25	0.50	0.71	1.81	2.03	8.09	9.08	
35	1.00	0.50	2.60	2.92	10.69	12.00	
45	1.50	0.35	3.40	3.81	14.09	15.81	
60	2.00	0.25	7.33	8.22	21.42	24.03	
80	2.50	0.18	17.26	19.36	38.68	43.39	
120	3.00	0.13	30.67	34.41	69.35	77.80	
170	3.50	0.09	11.10	12.45	80.45	90.25	
230	4.00	0.06	0.91	1.02	81.36	91.27	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	3.25	2.96	2.60	2.03	1.51	-0.61	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.15	0.23	1.2	-1.96	6.9		