

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



Analyzed By: CM

Elevation (ft):

-10.8 NAVD 88

Comments:

Wet - 10YR-8/1

Shells (%):

C. % Weight Retained

0.00

0.00

0.36

0.36

0.44

1.01

1.49

2.10

2.66

344

4.59

602

10 44

48 79

89.55

93.46

93.50


Phi 95

1.14

Kurtosis

20.13

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							
Project Name: Humiston & Moore, Honeymoon Island				Athena Technologies, Inc. 1293 Graham Farm Road McClellanville, SC 29458 ph (843) 887-3800 fax (843) 887-3801			
Sample Name: HI-V6 #HI-V6-2							
Analysis Date: 03-07-10							
Analyzed By: CM							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
389,193		1,352,587		Florida State Plane West		-13.3 NAVD 88	
USCS:		Munsell:		Comments:			
SM		Wet - 10YR-6/1					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shells (%):
119.65	105.48	0.00	0.08	#230 - 11.92			
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	2.64	2.21	2.64	2.21	
3.5	-2.50	5.66	1.89	1.58	4.53	3.79	
4	-2.25	4.76	0.71	0.59	5.24	4.38	
5	-2.00	4.00	0.67	0.56	5.91	4.94	
7	-1.50	2.83	1.16	0.97	7.07	5.91	
10	-1.00	2.00	1.14	0.95	8.21	6.86	
14	-0.50	1.41	1.67	1.40	9.88	8.26	
18	0.00	1.00	1.61	1.35	11.49	9.61	
25	0.50	0.71	1.64	1.37	13.13	10.98	
35	1.00	0.50	1.77	1.48	14.90	12.46	
45	1.50	0.35	3.01	2.52	17.91	14.98	
60	2.00	0.25	5.06	4.23	22.97	19.21	
80	2.50	0.18	19.71	16.47	42.68	35.68	
120	3.00	0.13	50.42	42.14	93.10	77.82	
170	3.50	0.09	11.73	9.80	104.83	87.62	
230	4.00	0.06	0.55	0.46	105.38	88.08	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	3.32	2.97	2.67	2.18	1.62	-1.97	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	2.01	0.25	1.64	-2.39	8.11		

