






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

<b>Granularmetric Report</b> 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-V7 #HI-V7-3							
Analysis Date: 03-07-10							
Analyzed By: CM							
Easting (ft):  388,943		Northing (ft):  1,352,502		Coordinate System:  Florida State Plane West		Elevation (ft):  -15.4 NAVD 88	
USCS:  SP-SM		Munsell:  Wet - 10YR-5/1		Comments:			
Dry Weight (g):  126.31	Wash Weight (g):  119.48	Pan Retained (g):  0.00	Sieve Loss (%):  0.37	Fines (%):  #230 - 5.76	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	1.46	1.16	1.46	1.16	
3.5	-2.50	5.66	4.36	3.45	5.82	4.61	
4	-2.25	4.76	0.83	0.66	6.65	5.27	
5	-2.00	4.00	1.12	0.89	7.77	6.16	
7	-1.50	2.83	2.95	2.34	10.72	8.50	
10	-1.00	2.00	2.69	2.13	13.41	10.63	
14	-0.50	1.41	2.97	2.35	16.38	12.98	
18	0.00	1.00	3.28	2.60	19.66	15.58	
25	0.50	0.71	3.70	2.93	23.36	18.51	
35	1.00	0.50	4.72	3.74	28.08	22.25	
45	1.50	0.35	6.13	4.85	34.21	27.10	
60	2.00	0.25	8.98	7.11	43.19	34.21	
80	2.50	0.18	24.69	19.55	67.88	53.76	
120	3.00	0.13	40.23	31.85	108.11	85.61	
170	3.50	0.09	10.11	8.00	118.22	93.61	
230	4.00	0.06	0.79	0.63	119.01	94.24	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
	2.97	2.83	2.40	1.28	0.07	-2.35	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.63	0.32	1.76	-1.6	4.74		

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Analyzed By: CM

-9.5 NAVD 88

Comments:

Shells (%):

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C. % Weight Retained

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0.03

0.27

0.40

334

10.00

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Phi 95

1.62

## Kurtosis

5.01