

Boring Designation SK-Area4-V03

DRILLING LOG		DIVISION Humiston & Moore Engineers		INSTALLATION Naples, FL		SHEET 1 OF 1 SHEETS	
1. PROJECT Sarasota County Public Works South Siesta Key Beach Restoration Project				9. SIZE AND TYPE OF BIT 3.0 In.			
2. BORING DESIGNATION SK-AREA4-V03				10. COORDINATE SYSTEM/DATUM Florida State Plane West		HORIZONTAL NAD 1983	
3. DRILLING AGENCY Athena Technologies, Inc.				11. MANUFACTURER'S DESIGNATION OF DRILL		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER P. McClellan				12. TOTAL SAMPLES 3		DISTURBED UNDISTURBED (UD)	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. ELEVATION GROUND WATER -0.1 Ft.	
6. THICKNESS OF OVERBURDEN 0.0 Ft.				15. DATE BORING		STARTED 01-14-14 12:20 COMPLETED 01-14-14 12:35	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				16. ELEVATION TOP OF BORING -38.3 Ft.		17. TOTAL RECOVERY FOR BORING 7 Ft.	
8. TOTAL DEPTH OF BORING 7.7 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR A. Freeze			

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-38.3	0.0					
-41.4	3.1		SHELL, medium sand size, few fine quartz sand, poorly graded, subangular, dark gray (5Y-4/1), (SP).		A4-V3-1	Sample #A4-V3-1, Depth = 0.0' - 3.1' Mean (mm): 0.45, Phi Sorting: 0.94 Shell: 45%, Fines (230): 1.12% (SP)
-43.1	4.8		SHELL, fine to medium sand size, little fine quartz sand, poorly graded, subangular, bioturbated, gray (5Y-5/1), (SP).		A4-V3-2	Sample #A4-V3-2, Depth = 3.1' - 5.3' Mean (mm): 0.27, Phi Sorting: 1.14 Carbonate: 66.2%, Fines (230): 4.62% (SP-SM)
-43.6	5.3		Fine quartz SAND, few fine sand size shell, few silt, subangular, bioturbated, light olive gray (5Y-6/2), (SP-SM).		A4-V3-2 Post	Sample #A4-V3-2 Post, Depth = 3.1' - 5.3' Mean (mm): 0.14, Phi Sorting: 0.37 Fines (230): 0.34%
-45.3	7.0		Silty fine quartz SAND, little silt, few fine sand size shell, subangular, bioturbated, light olive gray (5Y-6/2), (SM).		A4-V3-3	Sample #A4-V3-3, Depth = 5.3' - 7.0' Mean (mm): 0.17, Phi Sorting: 1.36 Shell: 17%, Fines (230): 8.44% (SM)
			End of Boring			

FLORIDA DEP ROSS SIESTA KEY 2-27-14.GPJ FL DEP ROSS.GDT 2/27/14