

Boring Designation SK-Area3-V04

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-AREA3-V04				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 2		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 -0.7 Ft.	
6. THICKNESS OF OVERBURDEN 0.0 Ft.				15. DATE BORING		STARTED 01-14-14 16:09	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				16. ELEVATION TOP OF BORING -34.8 Ft.		COMPLETED 01-14-14 16:24	
8. TOTAL DEPTH OF BORING 10.3 Ft.				17. TOTAL RECOVERY FOR BORING 9.1 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
-34.8	0.0					
-38.3	3.5		SHELL, fine to medium sand size, little fine quartz sand, poorly graded, subangular, color grades to Gray (5Y 5/1), dark gray (5Y-4/1), (SP).		A3-V4-1	Sample #A3-V4-1, Depth = 0.0' - 5.8' Mean (mm): 0.29, Phi Sorting: 1.13 Carbonate: 64.0%, Fines (230): 2.51% (SP)
-39.4	4.6		Fine quartz SAND, some fine to medium sand size shell, trace silt, poorly graded, subangular, gray (5Y-6/1), (SP).		A3-V4-1 Post	Sample #A3-V4-1 Post, Depth = 0.0' - 5.8' Mean (mm): 0.14, Phi Sorting: 0.39 Fines (230): 0.43%
-39.8	5.0		SHELL, medium sand size, little fine quartz sand, poorly graded, subangular, gray (5Y-5/1), (SP).			
-40.4	5.6		Fine quartz SAND, little fine sand size shell, few silt, subangular, gray (5Y-6/1), (SP-SM).			
-40.6	5.8		SHELL, medium sand size, little fine quartz sand, poorly graded, subangular, gray (5Y-5/1), (SP).			
-43.9	9.1		Silty fine quartz SAND, little silt, few fine sand size shell, subangular, bioturbated, silt percent increases with depth, 6.6' = pen shell, light olive gray (5Y-6/2), (SM).		A3-V4-2	Sample #A3-V4-2, Depth = 5.8' - 9.1' Mean (mm): 0.20, Phi Sorting: 1.93 Shell: 19%, Fines (230): 13.46% (SM)
			End of Boring			

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