

Boring Designation SK-Area4-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-AREA4-V04				LOCATION COORDINATES X = 458,052 Y = 1,021,003		10. COORDINATE SYSTEM/DATUM Florida State Plane West HORIZONTAL NAD 1983 VERTICAL NAVD 88	
3. DRILLING AGENCY Athena Technologies, Inc.				CONTRACTOR FILE NO.		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 DISTURBED 2 UNDISTURBED (UD)			
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				DEG. FROM VERTICAL		BEARING	
6. THICKNESS OF OVERBURDEN 0.0 Ft.				13. TOTAL NUMBER CORE BOXES			
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				14. ELEVATION GROUND WATER 0.0 Ft.			
8. TOTAL DEPTH OF BORING 7.5 Ft.				15. DATE BORING STARTED 01-14-14 12:39 COMPLETED 01-14-14 12:51			
				16. ELEVATION TOP OF BORING -38.1 Ft.			
				17. TOTAL RECOVERY FOR BORING 6.8 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
-38.1	0.0					
-39.4	1.3		SHELL, fine to medium sand size, few fine quartz sand, poorly graded, subangular, dark gray (5Y-4/1), (SP).			
-41.7	3.6		SHELL, fine sand size, some fine quartz sand, poorly graded, subangular, gray (5Y-5/1), (SP).		A4-V4-1	Sample #A4-V4-1, Depth = 0.0' - 5.1' Mean (mm): 0.26, Phi Sorting: 0.93 Carbonate: 65.0%, Fines (230): 1.95% (SP)
-43.2	5.1		Fine quartz SAND, some fine sand size shell, poorly graded, subangular, gray (5Y-6/1), (SP).		A4-V4-1 Post	Sample #A4-V4-1 Post, Depth = 0.0' - 5.1' Mean (mm): 0.15, Phi Sorting: 0.35 Fines (230): 0.07%
-43.5	5.4		Sandy SILT, little fine quartz sand with few fine sand size shell in layers/burrows, bioturbated, light olive gray (5Y-6/2), (ML).			
-44.9	6.8		Silty fine quartz SAND, little silt, little fine sand size shell, subangular, bioturbated, light olive gray (5Y-6/2), (SM).		A4-V4-2	Sample #A4-V4-2, Depth = 5.1' - 6.8' Mean (mm): 0.18, Phi Sorting: 1.10 Shell: 18%, Fines (230): 23.18% (SM)
			End of Boring			

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