

Boring Designation SK-Area3-V09

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-V09				LOCATION COORDINATES X = 473,436 Y = 1,014,517		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 4		DISTURBED 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 -1.5 Ft.			
8. TOTAL DEPTH OF BORING 9.5 Ft.				15. DATE BORING 01-15-14 07:53 01-15-14 08:08			
				16. ELEVATION TOP OF BORING -36.2 Ft.			
				17. TOTAL RECOVERY FOR BORING 8.3 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
-36.2	0.0					
-38.1	1.9		SHELL, medium sand size, little fine quartz sand, poorly graded, subangular, dark gray (5Y-4/1), (SP).		A3-V9-1 Post	Sample #A3-V9-1, Depth = 0.0' - 1.9' Mean (mm): 0.38, Phi Sorting: 1.15 Carbonate: 75.3%, Fines (230): 1.32% (SP) Sample #A3-V9-1 Post, Depth = 0.0' - 1.9' Mean (mm): 0.15, Phi Sorting: 0.39 Fines (230): 0.08%
-40.2	4.0		Fine quartz SAND, some fine to medium sand size shell, poorly graded, subangular, gray (5Y-6/1), (SP).		A3-V9-2 Post	Sample #A3-V9-2, Depth = 1.9' - 4.0' Mean (mm): 0.21, Phi Sorting: 1.07 Carbonate: 43.6%, Fines (230): 2.34% (SP) Sample #A3-V9-2 Post, Depth = 1.9' - 4.0' Mean (mm): 0.14, Phi Sorting: 0.31 Fines (230): 0.20%
-41.2	5.0		SHELL, medium sand size, little fine quartz sand, poorly graded, subangular, dark gray (5Y-4/1), (SP).		A3-V9-3	Sample #A3-V9-3, Depth = 4.0' - 5.3' Mean (mm): 0.45, Phi Sorting: 1.48 Shell: 44%, Fines (230): 1.44% (SP)
-41.5	5.3		Fine quartz SAND, some fine to medium sand size shell, poorly graded, subangular, gray (5Y-6/1), (SP).			
-43.7	7.5		Silty fine quartz SAND, little silt, little fine to medium sand size shell, subangular, coarse gravel size shells present, bioturbated, light olive gray (5Y-6/2), (SM).		A3-V9-4	Sample #A3-V9-4, Depth = 5.3' - 7.5' Mean (mm): 0.24, Phi Sorting: 2.04 Shell: 24%, Fines (230): 10.88% (SM)
-44.5	8.3		Silty fine quartz SAND, some fine gravel size shell, little silt, subangular, light olive gray (5Y-6/2), (SM).			
			End of Boring			

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