

# Boring Designation SK-Area3-V07

<b>DRILLING LOG</b>		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-V07				LOCATION COORDINATES X = 474,500 Y = 1,013,980		10. COORDINATE SYSTEM/DATUM Florida State Plane West	
3. DRILLING AGENCY Athena Technologies, Inc.				CONTRACTOR FILE NO.		HORIZONTAL NAD 1983	
4. NAME OF DRILLER P. McClellan				11. MANUFACTURER'S DESIGNATION OF DRILL		VERTICAL NAVD 88	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				DEG. FROM VERTICAL		BEARING	
6. THICKNESS OF OVERBURDEN 0.0 Ft.				12. TOTAL SAMPLES		DISTURBED 3	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				13. TOTAL NUMBER CORE BOXES		UNDISTURBED (UD)	
8. TOTAL DEPTH OF BORING 10.4 Ft.				14. ELEVATION GROUND WATER -0.3 Ft.		15. DATE BORING	
				16. ELEVATION TOP OF BORING -33.5 Ft.		STARTED 01-14-14 17:23	
				17. TOTAL RECOVERY FOR BORING 9.5 Ft.		COMPLETED 01-14-14 17:38	
				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
-33.5	0.0					
-36.3	2.8		SHELL, fine to medium sand size, little fine quartz sand, poorly graded, subangular, shell percent increases with depth, dark gray (5Y-4/1), (SP).		A3-V7-1	Sample #A3-V7-1, Depth = 0.0' - 2.8' Mean (mm): 0.33, Phi Sorting: 1.14 Shell: 44%, Fines (230): 1.35% (SP)
-38.5	5.0		Fine quartz SAND, some fine sand size shell, trace silt, poorly graded, subangular, gray (5Y-6/1), (SP).		A3-V7-2	Sample #A3-V7-2, Depth = 2.8' - 5.0' Mean (mm): 0.19, Phi Sorting: 1.03 Carbonate: 37.5%, Fines (230): 2.33% (SP)
-42.0	8.5		Silty fine quartz SAND, little silt, little fine sand size shell, subangular, bioturbated, 6.6' and 7.6' = SHELL layers, coarse sand to fine gravel size, light olive gray (5Y-6/2), (SM).		A3-V7-2 Post	Sample #A3-V7-2 Post, Depth = 2.8' - 5.0' Mean (mm): 0.13, Phi Sorting: 0.33 Fines (230): 0.08%
-43.0	9.5		Silty fine quartz SAND, some coarse sand to fine gravel size shell, little silt, subangular, light olive gray (5Y-6/2), (SM).		A3-V7-3	Sample #A3-V7-3, Depth = 5.0' - 8.5' Mean (mm): 0.22, Phi Sorting: 2.02 Shell: 17%, Fines (230): 11.53% (SM)
			End of Boring			

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