

# Boring Designation SK-Area3-V01

<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-V01				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		DISTURBED 2	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		UNDISTURBED (UD)	
6. THICKNESS OF OVERBURDEN 0.0 Ft.				14. ELEVATION GROUND WATER -0.5 Ft.		15. DATE BORING	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				16. ELEVATION TOP OF BORING -35.7 Ft.		STARTED 01-14-14 14:55	
8. TOTAL DEPTH OF BORING 8.1 Ft.				17. TOTAL RECOVERY FOR BORING 7 Ft.		COMPLETED 01-14-14 15:10	
				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
-35.7	0.0					
-38.9	3.2		SHELL, medium sand size, little fine quartz sand, poorly graded, subangular, olive gray (5Y-4/2), (SP).		A3-V1-1	Sample #A3-V1-1, Depth = 0.0' - 5.3' Mean (mm): 0.37, Phi Sorting: 1.17 Carbonate: 75.0%, Fines (230): 2.28% (SP)
-41.0	5.3		SHELL, fine to medium sand size, little fine quartz sand, trace silt, poorly graded, subangular, 4.3 - 4.6' and 5 - 5.25' = shell percent increases, olive gray (5Y-5/2), (SP).		A3-V1-1 Post	Sample #A3-V1-1 Post, Depth = 0.0' - 5.3' Mean (mm): 0.15, Phi Sorting: 0.40 Fines (230): 0.14%
-42.7	7.0		Fine quartz SAND, little silt, little fine to medium sand size shell, subangular, 6.5' = gravel size shell, light olive gray (5Y-6/2), (SM).		A3-V1-2	Sample #A3-V1-2, Depth = 5.3' - 7.0' Mean (mm): 0.30, Phi Sorting: 2.31 Shell: 30%, Fines (230): 8.63% (SM)
			End of Boring			

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