

# Boring Designation SK-Area3-V08

<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-V08				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 -1.2 Ft.		15. DATE BORING	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				16. ELEVATION TOP OF BORING -35.8 Ft.		STARTED 01-15-14 07:26	
8. TOTAL DEPTH OF BORING 18.1 Ft.				17. TOTAL RECOVERY FOR BORING 16.6 Ft.		COMPLETED 01-15-14 07:41	
				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
-35.8	0.0					
-36.3	0.5		SHELL, medium sand size, little fine quartz sand, poorly graded, subangular, dark gray (5Y-4/1), (SP).		A3-V8-1	Sample #A3-V8-1, Depth = 0.0' - 3.7' Mean (mm): 0.31, Phi Sorting: 1.56 Carbonate: 57.6%, Fines (230): 1.73% (SP)
-38.7	2.9		Fine quartz SAND, some fine to medium sand size shell, poorly graded, subangular, gray (5Y-6/1), (SP).			
-39.5	3.7		SHELL, medium to coarse sand size, little fine quartz sand, poorly graded, subangular, gray (5Y-5/1), (SP).		A3-V8-2	Sample #A3-V8-2, Depth = 3.7' - 7.4' Mean (mm): 0.26, Phi Sorting: 2.16 Shell: 26%, Fines (230): 11.26% (SM)
-43.2	7.4		Silty fine quartz SAND, little silt, little fine to medium sand size shell, trace gravel size shell, subangular, bioturbated, light olive gray (5Y-6/2), (SM).			
-45.6	9.8		Silty, fine quartz SAND, some coarse sand to fine gravel size shell, little silt, hinged shells present, gray (5Y-6/1), (SM).			
-47.6	11.8		Sandy SILT, little fine quartz sand, trace fine sand size shell, soft, INTERBEDDED WITH fine quartz SAND layers with some coarse sand size shell and little silt, bioturbated, olive gray (5Y-5/2), (ML).			
-51.9	16.1		Sandy organic SILT, little fine quartz sand, trace fine sand size shell, soft, black (5Y-2.5/1), (OL).			
-52.3	16.5		Silty fine to medium quartz SAND, little silt/phosphate, trace fine to medium size shell, gray (5Y-6/1), (SM).			
			End of Boring			

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