

# Boring Designation SK-Area3-V03

<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-V03				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 2		DISTURBED UNDISTURBED (UD)	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. ELEVATION GROUND WATER -0.8 Ft.	
6. THICKNESS OF OVERBURDEN 0.0 Ft.				15. DATE BORING		STARTED 01-14-14 15:49	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				16. ELEVATION TOP OF BORING -35.0 Ft.		COMPLETED 01-14-14 16:04	
8. TOTAL DEPTH OF BORING 9.4 Ft.				17. TOTAL RECOVERY FOR BORING 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
-35.0	0.0					
-39.1	4.1		SHELL, medium sand size, few fine quartz sand, poorly graded, subangular, dark gray (5Y-4/1), (SP).		A3-V3-1	Sample #A3-V3-1, Depth = 0.0' - 5.1' Mean (mm): 0.38, Phi Sorting: 1.19 Shell: 42%, Fines (230): 2.62% (SP)
-40.1	5.1		Fine quartz SAND, some fine to medium sand size shell, few silt in layers (ML), poorly graded, subangular, gray (5Y-6/1), (SP-SM).			
-40.6	5.6		Sandy SILT, little fine sand/fine sand size shell in layers, soft, gray (5Y-5/1), (ML).			
-43.0	8.0		Silty fine quartz SAND, little silt, few fine sand size shell, subangular, bioturbated, silt percent increases with depth, light olive gray (5Y-6/2), (SM).		A3-V3-2	Sample #A3-V3-2, Depth = 5.1' - 8.0' Mean (mm): 0.20, Phi Sorting: 1.80 Shell: 15%, Fines (230): 14.04% (SM)
			End of Boring			

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