

# Boring Designation SK-Area1-V13

<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-AREA1-V13				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 0.2 Ft.		15. DATE BORING	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				16. ELEVATION TOP OF BORING -43.0 Ft.		STARTED 01-10-14 16:03	
8. TOTAL DEPTH OF BORING 9.3 Ft.				17. TOTAL RECOVERY FOR BORING 8.4 Ft.		COMPLETED 01-10-14 16:18	
				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
-43.0	0.0					
-44.5	1.5		SHELL, medium sand size, little fine quartz sand, poorly graded, subangular, dark gray (5Y-4/1), (SP).		A1-V13-1 Post	Sample #A1-V13-1, Depth = 0.0' - 4.7' Mean (mm): 0.31, Phi Sorting: 1.10 Carbonate: 65.4%, Fines (230): 1.68% (SP)
-46.0	3.0		Fine quartz SAND, some fine to medium sand size shell, poorly graded, subangular, gray (5Y-6/1), (SP).			
-47.7	4.7		SHELL, fine to medium sand size, little fine quartz sand, poorly graded, subangular, dark gray (5Y-4/1), (SP).			
-50.8	7.8		Silty fine quartz SAND, little silt, little fine sand size shell, subangular, bioturbated, light olive gray (5Y-6/2), (SM).		A1-V13-2	Sample #A1-V13-2, Depth = 4.7' - 7.8' Mean (mm): 0.19, Phi Sorting: 1.57 Shell: 9%, Fines (230): 13.50% (SM)
-51.4	8.4		Sandy SILT, little fine quartz sand, partially indurated, light gray (5Y-7/2), (ML).			
			End of Boring			

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