

Boring Designation SK-Area1-V03

DRILLING LOG		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-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		DISTURBED 3	
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 -0.3 Ft.			
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				15. DATE BORING		STARTED 01-10-14 10:51 COMPLETED 01-10-14 11:06	
8. TOTAL DEPTH OF BORING 8.3 Ft.				16. ELEVATION TOP OF BORING -42.6 Ft.			
				17. TOTAL RECOVERY FOR BORING 7 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
-42.6	0.0					
-46.0	3.4		SHELL, medium sand size, little fine quartz sand, poorly graded, subangular, dark gray (5Y-4/1), (SP).		A1-V3-1	Sample #A1-V3-1, Depth = 0.0' - 3.4' Mean (mm): 0.51, Phi Sorting: 0.98 Carbonate: 83.0%, Fines (230): 0.07% (SP)
-47.0	4.4		Fine quartz SAND, some fine sand size shell, trace silt, INTERBEDDED with layers of SHELL, fine sand size, little fine quartz sand, poorly graded, subangular, gray (5Y-6/1), (SP).		A1-V3-2	Sample #A1-V3-2, Depth = 3.4' - 5.5' Mean (mm): 0.22, Phi Sorting: 1.19 Shell: 38%, Fines (230): 3.95% (SP-SM)
-48.1	5.5		Fine quartz SAND, little fine sand size shell, few silt, poorly graded, subangular, bioturbated, light gray (5Y-7/2), (SP-SM).			
-49.6	7.0		Silty fine quartz SAND, little silt, little fine sand size shell, light olive gray (5Y-6/2), (SM).		A1-V3-3	Sample #A1-V3-3, Depth = 5.5' - 7.0' Mean (mm): 0.23, Phi Sorting: 1.86 Shell: 29%, Fines (230): 7.03% (SM)
			End of Boring			

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