

Boring Designation SK-Area1-V11

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-V11				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 3		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 0.3 Ft.	
6. THICKNESS OF OVERBURDEN 0.0 Ft.				15. DATE BORING		STARTED 01-10-14 15:03 COMPLETED 01-10-14 15:18	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				16. ELEVATION TOP OF BORING -44.0 Ft.		17. TOTAL RECOVERY FOR BORING 7.8 Ft.	
8. TOTAL DEPTH OF BORING 9.0 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
-44.0	0.0					
-47.2	3.2		SHELL, medium sand size, little fine quartz sand, poorly graded, subangular, dark gray (5Y-4/1), (SP).		A1-V11-1 A1-V11-1 Post	Sample #A1-V11-1, Depth = 0.0' - 3.2' Mean (mm): 0.51, Phi Sorting: 0.92 Carbonate: 83.8%, Fines (230): 1.38% (SP) Sample #A1-V11-1 Post, Depth = 0.0' - 3.2' Mean (mm): 0.22, Phi Sorting: 0.69 Fines (230): 1.29%
-50.2	6.2		Silty fine quartz SAND, little silt, few fine sand size shell, subangular, bioturbated, silt percent increases with depth, 4.5' = shell infilled burrow trace, light olive gray (5Y-6/2), (SM).		A1-V11-2	Sample #A1-V11-2, Depth = 3.2' - 6.2' Mean (mm): 0.15, Phi Sorting: 1.02 Shell: 16%, Fines (230): 13.90% (SM)
-51.8	7.8		Silty fine quartz SAND, some fine sand size shell, little silt, partially indurated at base, olive gray (5Y-5/2), (SM).		A1-V11-3	Sample #A1-V11-3, Depth = 6.2' - 7.8' Mean (mm): 0.55, Phi Sorting: 2.37 Shell: 17%, Fines (230): 13.88% (SM)
			End of Boring			

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