

Boring Designation SK-Area4-V08

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-AREA4-V08				LOCATION COORDINATES X = 460,303 Y = 1,020,450		10. COORDINATE SYSTEM/DATUM Florida State Plane West	
3. DRILLING AGENCY Athena Technologies, Inc.				CONTRACTOR FILE NO.		HORIZONTAL NAD 1983	
4. NAME OF DRILLER P. McClellan				11. MANUFACTURER'S DESIGNATION OF DRILL		VERTICAL NAVD 88	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				DEG. FROM VERTICAL		BEARING	
6. THICKNESS OF OVERBURDEN 0.0 Ft.				12. TOTAL SAMPLES		DISTURBED 2	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				13. TOTAL NUMBER CORE BOXES		UNDISTURBED (UD)	
8. TOTAL DEPTH OF BORING 7.1 Ft.				14. ELEVATION GROUND WATER -0.2 Ft.		15. DATE BORING	
				16. ELEVATION TOP OF BORING -37.0 Ft.		STARTED 01-14-14 14:26	
				17. TOTAL RECOVERY FOR BORING 6.4 Ft.		COMPLETED 01-14-14 14:41	
				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
-37.0	0.0					
-40.6	3.6		SHELL, medium sand size, little fine quartz sand, poorly graded, subangular, dark gray (5Y-4/1), (SP).		A4-V8-1	Sample #A4-V8-1, Depth = 0.0' - 3.6' Mean (mm): 0.35, Phi Sorting: 1.15 Carbonate: 75.2%, Fines (230): 0.92% (SP)
					A4-V8-1 Post	Sample #A4-V8-1 Post, Depth = 0.0' - 3.6' Mean (mm): 0.15, Phi Sorting: 0.39 Fines (230): 0.05%
-43.2	6.2		Fine quartz SAND, little fine sand size shell, few silt, subangular, light olive gray (5Y-6/2), (SP-SM).		A4-V8-2	Sample #A4-V8-2, Depth = 3.6' - 6.2' Mean (mm): 0.16, Phi Sorting: 1.08 Shell: 16%, Fines (230): 7.31% (SP-SM)
-43.4	6.4		Cemented clastic material, some fine quartz sand, few silt, subangular, light olive gray (5Y-6/2).			
			End of Boring			

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