

Boring Designation SK-Area1-V01

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-V01				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.		15. DATE BORING	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				16. ELEVATION TOP OF BORING -40.2 Ft.		STARTED 01-10-14 08:47	
8. TOTAL DEPTH OF BORING 10.5 Ft.				17. TOTAL RECOVERY FOR BORING 10 Ft.		COMPLETED 01-10-14 09:02	
				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
-40.2	0.0					
-41.8	1.6		Fine quartz SAND, little fine sand size shell GRADING TO a gray (5Y 5/1), medium sand size SHELL with little fine quartz sand, poorly graded, subangular, light gray (5Y-7/1), (SP).		A1-V1-1	Sample #A1-V1-1, Depth = 0.0' - 1.6' Mean (mm): 0.26, Phi Sorting: 1.08 Shell: 41%, Fines (230): 1.40% (SP)
-46.1	5.9		Fine quartz SAND, little fine sand size shell, few silt (in layers/burrows), poorly graded, subangular, bioturbated, 5.25' = gray (5Y 4/1) SHELL layer, fine to medium sand size, with few fine quartz sand, light gray (5Y-7/1), (SP-SM).		A1-V1-2	Sample #A1-V1-2, Depth = 1.6' - 5.9' Mean (mm): 0.17, Phi Sorting: 0.96 Shell: 17%, Fines (230): 3.13% (SP-SM)
-50.2	10.0		Silty fine quartz SAND, little silt, few fine to medium sand size shell, partially indurated at base, bioturbated, 6.15' - 6.4' = Fine quartz SAND layer, some medium sand size shell, poorly graded, subangular, light gray (5Y-7/2), (SM).		A1-V1-3	Sample #A1-V1-3, Depth = 5.9' - 10.0' Mean (mm): 0.15, Phi Sorting: 1.08 Shell: 16%, Fines (230): 12.10% (SM)
			End of Boring			

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