

Boring Designation NPVC-14-6

DRILLING LOG		DIVISION Olsen Associates, Inc.	INSTALLATION Jacksonville, Florida	SHEET 1 OF 1 SHEETS
1. PROJECT New Pass, Sarasota County, FL Geotechnical Investigation of New Pass Ebb Shoal Channel		9. SIZE AND TYPE OF BIT 3.0 In.		
2. BORING DESIGNATION NPVC-14-6		10. COORDINATE SYSTEM/DATUM Florida State Plane West		
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		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES		
6. THICKNESS OF OVERBURDEN 0.0 Ft.		14. WATER DEPTH 4.9 Ft.		
7. DEPTH DRILLED INTO ROCK 0.0 Ft.		15. DATE BORING 07-08-14 13:44		
8. TOTAL DEPTH OF BORING 13.0 Ft.		16. ELEVATION TOP OF BORING -6.3 Ft.		
		17. TOTAL RECOVERY FOR BORING 12.75 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
-6.3	0.0					
-9.1	2.8		Fine quartz SAND, few fine sand size shell, trace silt in burrows, poorly graded, subrounded, few burrow traces, white (2.5Y-8/1), (SP).		1	Sample #1, Depth = 0.8' - 1.3' Mean (mm): 0.16, Phi Sorting: 0.76 Shell: 25%, Fines (230): 1.21% (SP)
-12.6	6.3		Fine quartz SAND, trace shell/silt, poorly graded, subrounded, occasional burrow trace; 4.8' = gravel size shell, white (2.5Y-8/1), (SP).		2	Sample #2, Depth = 5.8' - 6.3' Mean (mm): 0.16, Phi Sorting: 0.63 Shell: 14%, Fines (230): 1.04% (SP)
-16.0	9.7		Fine quartz SAND, little fine sand size shell in layers, poorly graded, subrounded, bi-directional bedding present; 8.15' = organic rip-up present, white (2.5Y-8/1), (SP).		0	Sample #C, Depth = 0.0' - 8.0' Mean (mm): 0.16, Phi Sorting: 0.81 Shell: 28%, Fines (230): 1.36% (SP)
-17.6	11.3		Fine quartz SAND, trace shell, poorly graded, subrounded, white (2.5Y-8/1), (SP).			
-17.8	11.5		Fine gravel size SHELL, some fine quartz sand, well graded, white (2.5Y-8/1), (SW).			
-19.1	12.8		Fine quartz SAND, trace shell/silt, poorly graded, subrounded, few burrow traces, white (2.5Y-8/1), (SP).			
			End of Boring			

FLORIDA DEP ROSS NEW PASS, FL, JULY '14, GPJ FL DEP ROSS.GDT 8/29/14