

Boring Designation NPVC-14-3

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-14-3		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 DISTURBED UNDISTURBED (UD)		
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 4.6 Ft.		
7. DEPTH DRILLED INTO ROCK 0.0 Ft.		15. DATE BORING STARTED 07-08-14 10:57 COMPLETED 07-08-14 11:15		
8. TOTAL DEPTH OF BORING 17.0 Ft.		16. ELEVATION TOP OF BORING -4.5 Ft.		
		17. TOTAL RECOVERY FOR BORING 13.62 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
-4.5	0.0					
					1	Sample #1, Depth = 0.8' - 1.3' Mean (mm): 0.39, Phi Sorting: 1.40 Shell: 56%, Fines (230): 0.70% (SP)
-9.3	4.8		Fine quartz SAND, some medium/coarse sand size shell, poorly graded, subrounded, fluid escape structure at depth, gray (2.5Y-6/1), (SP).		2	Sample #2, Depth = 4.8' - 5.3' Mean (mm): 0.26, Phi Sorting: 1.23 Shell: 36%, Fines (230): 1.04% (SP)
-11.3	6.8		Fine quartz SAND, little fine/medium sand size shell, trace coarse sand/fine gravel size shell, poorly graded, subrounded, fluid escape structure at top, white (2.5Y-8/1), (SP).		3	Sample #3, Depth = 7.8' - 8.3' Mean (mm): 0.81, Phi Sorting: 1.63 Shell: 78%, Fines (230): 0.80% (SW)
-12.0	7.5		Fine quartz SAND, some fine/medium sand size shell in layers, poorly graded, subrounded, gray (2.5Y-6/1), (SP).		2	Sample #C, Depth = 0.0' - 9.0' Mean (mm): 0.52, Phi Sorting: 1.96 Shell: 56%, Fines (230): 0.96% (SP)
-13.5	9.0		Medium sand size SHELL, little fine quartz sand, few coarse sand size shell, poorly graded, white (2.5Y-8/1), (SP).			
-15.0	10.5		Fine quartz SAND, trace shell/silt, poorly graded, subrounded; 9.6' = medium sand size shell layer, pale yellow (2.5Y-8/2), (SP).			
-16.3	11.8		Coarse sand size SHELL, some fine quartz sand, little fine gravel size shell, well graded; 10.7' = organic rip-up present, 11.1 - 11.25' = fine quartz sand layer, pale yellow (2.5Y-8/2), (SW).			
-17.2	12.7		Silty fine quartz SAND, little silt, few fine/medium sand size shell, bioturbated, grayish brown (2.5Y-5/2), (SM).			
-17.5	13.0		Fine quartz SAND, some med/coarse sand size shell, few silt, light gray (2.5Y-7/2), (SP-SM).			
-18.1	13.6		Silty fine quartz SAND, little silt, trace shell, bioturbated, grayish brown (2.5Y-5/2), (SM).			
			End of Boring			

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