

Boring Designation NPVC-14-4

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-14-4				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	
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. WATER DEPTH 5.4 Ft.			
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				15. DATE BORING		STARTED 07-08-14 08:32	
8. TOTAL DEPTH OF BORING 12.0 Ft.				16. ELEVATION TOP OF BORING -4.6 Ft.		COMPLETED 07-08-14 08:50	
				17. TOTAL RECOVERY FOR BORING 9.42 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
-4.6	0.0					
-9.3	4.7		Fine quartz SAND, few fine/medium sand size shell, poorly graded, subrounded; 4' = gastropod shell, white (2.5Y-8/1), (SP).		1	Sample #1, Depth = 1.8' - 2.3' Mean (mm): 0.20, Phi Sorting: 0.97 Shell: 26%, Fines (230): 0.43% (SP)
-12.0	7.4		Fine quartz SAND, some medium/coarse sand size shell, few fine gravel size shell, well graded; 5, 5.7, and 6-6.5' = fine quartz SAND layers, color grades to pale yellow (2.5Y 8/2) from, light gray (2.5Y-7/1), (SW).		2	Sample #2, Depth = 4.8' - 5.3' Mean (mm): 0.69, Phi Sorting: 1.86 Shell: 68%, Fines (230): 0.75% (SP)
-14.0	9.4		Fine quartz SAND, trace shell/silt in layers, poorly graded, subrounded, white (2.5Y-8/1), (SP).		CPC	Sample #C, Depth = 0.0' - 8.5' Mean (mm): 0.29, Phi Sorting: 1.68 Shell: 36%, Fines (230): 0.69% (SP)
			End of Boring			

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