

Boring Designation NPVC-14-9

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-14-9				10. COORDINATE SYSTEM/DATUM Florida State Plane West		HORIZONTAL NAD 1983	VERTICAL NAVD 88
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 14.0 Ft.			
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				15. DATE BORING STARTED 07-08-14 08:07 COMPLETED 07-08-14 08:20			
8. TOTAL DEPTH OF BORING 10.0 Ft.				16. ELEVATION TOP OF BORING -13.1 Ft.			
				17. TOTAL RECOVERY FOR BORING 9.75 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
-13.1	0.0					
			Fine quartz SAND, trace medium/coarse sand size shell in layers, trace silt, poorly graded, subrounded, few burrow traces; 2.7, 3.95, 4.8' = medium/coarse sand size shell layers, 2.85' = organic silt rip-up/silt layer, white (2.5Y-8/1), (SP).		1	Sample #1, Depth = 0.8' - 1.3' Mean (mm): 0.14, Phi Sorting: 0.67 Shell: 16%, Fines (230): 0.87% (SP)
					C	Sample #C, Depth = 0.0' - 2.5' Mean (mm): 0.14, Phi Sorting: 0.44 Shell: 9%, Fines (230): 1.26% (SP)
-18.5	5.4					
-18.9	5.8		Fine quartz SAND, little medium sand to fine gravel size shell, poorly graded, subrounded, white (2.5Y-8/1), (SP).			
-19.3	6.2		Fine quartz SAND, trace silt/shell, poorly graded, subrounded, few burrow traces, light gray (2.5Y-7/1), (SP).			
-19.9	6.8		Fine quartz SAND, poorly graded, subrounded, white (2.5Y-8/1), (SP).			
			Silty fine quartz SAND, little silt, trace shell, bioturbated, gray (5Y-6/1), (SM).			
-22.9	9.8					
			End of Boring			

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