

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		LOCATION COORDINATES X = 464,591 Y = 1,088,040		10. COORDINATE SYSTEM/DATUM Florida State Plane West
3. DRILLING AGENCY Athena Technologies, Inc.		CONTRACTOR FILE NO.		HORIZONTAL NAD 1983
4. NAME OF DRILLER P. McClellan				VERTICAL NAVD 88
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	BEARING	11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
6. THICKNESS OF OVERBURDEN 0.0 Ft.				12. TOTAL SAMPLES
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				DISTURBED
8. TOTAL DEPTH OF BORING 17.0 Ft.				UNDISTURBED (UD)
				13. TOTAL NUMBER CORE BOXES
				14. WATER DEPTH 4.6 Ft.
				15. DATE BORING
				STARTED 07-08-14 10:57
				COMPLETED 07-08-14 11:15
				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					
			Fine quartz SAND, some medium/coarse sand size shell, poorly graded, subrounded, fluid escape structure at depth, gray (2.5Y-6/1), (SP).		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, 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).		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, some fine/medium sand size shell in layers, poorly graded, subrounded, gray (2.5Y-6/1), (SP).			
-12.0	7.5		Medium sand size SHELL, little fine quartz sand, few coarse sand size shell, poorly graded, 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)
-13.5	9.0		Fine quartz SAND, trace shell/silt, poorly graded, subrounded; 9.6' = medium sand size shell layer, pale yellow (2.5Y-8/2), (SP).		2C	Sample #C, Depth = 0.0' - 9.0' Mean (mm): 0.52, Phi Sorting: 1.96 Shell: 56%, Fines (230): 0.96% (SP)
-15.0	10.5		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).			
-16.3	11.8		Silty fine quartz SAND, little silt, few fine/medium sand size shell, bioturbated, grayish brown (2.5Y-5/2), (SM).			
-17.2	12.7		Fine quartz SAND, some med/coarse sand size shell, few silt, light gray (2.5Y-7/2), (SP-SM).			
-17.5	13.0		Silty fine quartz SAND, little silt, trace shell, bioturbated, grayish brown (2.5Y-5/2), (SM).			
-18.1	13.6					
			End of Boring			

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