

Boring Designation NPVC-14-1

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.		10. COORDINATE SYSTEM/DATUM Florida State Plane West
2. BORING DESIGNATION NPVC-14-1		LOCATION COORDINATES X = 465,146 Y = 1,088,752		HORIZONTAL NAD 1983 VERTICAL NAVD 88
3. DRILLING AGENCY Athena Technologies, Inc.		CONTRACTOR FILE NO.		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		DEG. FROM VERTICAL	BEARING	13. TOTAL NUMBER CORE BOXES
6. THICKNESS OF OVERBURDEN 0.0 Ft.		7. DEPTH DRILLED INTO ROCK 0.0 Ft.		14. WATER DEPTH 10.5 Ft.
8. TOTAL DEPTH OF BORING 15.0 Ft.		15. DATE BORING		STARTED 07-08-14 12:57 COMPLETED 07-08-14 13:20
		16. ELEVATION TOP OF BORING -11.2 Ft.		17. TOTAL RECOVERY FOR BORING 9.08 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
-11.2	0.0					
-12.5	1.3		Fine quartz SAND, some medium/coarse sand size shell, trace fine gravel size shell, poorly graded, subrounded; 1.1' = fine quartz sand layer, light gray (2.5Y-7/1), (SP).		1	Sample #1, Depth = 0.8' - 1.3' Mean (mm): 0.74, Phi Sorting: 1.77 Shell: 74%, Fines (230): 0.55% (SP)
-13.5	2.3		Coarse sand size SHELL, some fine quartz sand, little fine gravel size shell, well graded, pale yellow (2.5Y-8/2), (GW).		C/PC	Sample #C, Depth = 0.0' - 3.0' Mean (mm): 0.66, Phi Sorting: 1.72 Shell: 76%, Fines (230): 1.00% (SP)
-15.6	4.4		Fine quartz SAND, some medium/coarse sand size shell, trace gravel size shell, poorly graded, subrounded; 3.3 - 4.42' = fine quartz sand layers, light gray (2.5Y-7/1), (SP).		2	Sample #2, Depth = 2.8' - 3.3' Mean (mm): 0.76, Phi Sorting: 1.98 Shell: 69%, Fines (230): 0.55% (SP)
			Fine gravel size SHELL, little fine quartz sand, poorly graded, white (2.5Y-8/1), (GP).			
-19.2	8.0					
-19.4	8.2		Fine quartz SAND, little medium sand size shell, poorly graded, subrounded, white (2.5Y-8/1), (SP).			
-20.0	8.8		Fine gravel size SHELL, trace fine sand size shell, poorly graded, pale yellow (2.5Y-8/2), (GP).			
-20.3	9.1		Partially indurated SILT, little gravel size shell, pale yellow (2.5Y-8/2), (ML).			
			It is our opinion that rodding and compaction of the coarse grained shell portion of the core sample impacted recovery at this location.			
			End of Boring			

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