

Boring Designation NPVC-14-6

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-14-6		LOCATION COORDINATES X = 463,796 Y = 1,087,497		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 4.9 Ft.
8. TOTAL DEPTH OF BORING 13.0 Ft.		15. DATE BORING		STARTED 07-08-14 13:44 COMPLETED 07-08-14 13:55
		16. ELEVATION TOP OF BORING -6.3 Ft.		17. TOTAL RECOVERY FOR BORING 12.75 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
-6.3	0.0					
-9.1	2.8		Fine quartz SAND, few fine sand size shell, trace silt in burrows, poorly graded, subrounded, few burrow traces, white (2.5Y-8/1), (SP).		1	Sample #1, Depth = 0.8' - 1.3' Mean (mm): 0.16, Phi Sorting: 0.76 Shell: 25%, Fines (230): 1.21% (SP)
-12.6	6.3		Fine quartz SAND, trace shell/silt, poorly graded, subrounded, occasional burrow trace; 4.8' = gravel size shell, white (2.5Y-8/1), (SP).		2	Sample #2, Depth = 5.8' - 6.3' Mean (mm): 0.16, Phi Sorting: 0.63 Shell: 14%, Fines (230): 1.04% (SP)
-16.0	9.7		Fine quartz SAND, little fine sand size shell in layers, poorly graded, subrounded, bi-directional bedding present; 8.15' = organic rip-up present, white (2.5Y-8/1), (SP).		0	Sample #C, Depth = 0.0' - 8.0' Mean (mm): 0.16, Phi Sorting: 0.81 Shell: 28%, Fines (230): 1.36% (SP)
-17.6	11.3		Fine quartz SAND, trace shell, poorly graded, subrounded, white (2.5Y-8/1), (SP).			
-17.8	11.5		Fine gravel size SHELL, some fine quartz sand, well graded, white (2.5Y-8/1), (SW).			
-19.1	12.8		Fine quartz SAND, trace shell/silt, poorly graded, subrounded, few burrow traces, white (2.5Y-8/1), (SP).			
			End of Boring			

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