

Boring Designation NPVC-14-8

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-14-8		LOCATION COORDINATES X = 463,110 Y = 1,086,756		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 8.3 Ft.
8. TOTAL DEPTH OF BORING 12.5 Ft.		15. DATE BORING		STARTED 07-08-14 14:34 COMPLETED 07-08-14 14:45
		16. ELEVATION TOP OF BORING -9.9 Ft.		17. TOTAL RECOVERY FOR BORING 11.5 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
-9.9	0.0					
			Fine quartz SAND, trace shell in layers, trace silt, poorly graded, subrounded; 5.9, 7.25, 7.9, 8.6' = fine/medium sand size shell layers, white (2.5Y-8/1), (SP).		1	Sample #1, Depth = 0.8' - 1.3' Mean (mm): 0.15, Phi Sorting: 0.37 Shell: 13%, Fines (230): 1.05% (SP)
					2	Sample #2, Depth = 4.8' - 5.3' Mean (mm): 0.14, Phi Sorting: 0.34 Shell: 16%, Fines (230): 0.74% (SP)
					C	Sample #C, Depth = 0.0' - 6.0' Mean (mm): 0.14, Phi Sorting: 0.37 Shell: 19%, Fines (230): 0.87% (SP)
-18.6	8.7		Fine quartz SAND, few silt in burrows, poorly graded, subrounded, bioturbated, color grades to white (5Y 8/1) from, light gray (5Y-7/1), (SP-SM).			
-20.5	10.6		Silty fine quartz SAND, little silt, few fine/medium sand size shell, trace gravel size shell, bioturbated, gray (5Y-6/1), (SM).			
-21.1	11.2		Fine quartz SAND, little fine/medium sand size shell, poorly graded, subrounded, white (2.5Y-8/1), (SP).			
-21.4	11.5		End of Boring			

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