

Boring Designation NPVC-14-5

<b>DRILLING LOG</b>		<b>DIVISION</b> Olsen Associates, Inc.	<b>INSTALLATION</b> Jacksonville, Florida	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<b>1. PROJECT</b> New Pass, Sarasota County, FL Geotechnical Investigation of New Pass Ebb Shoal Channel		<b>9. SIZE AND TYPE OF BIT</b> 3.0 In.		
<b>2. BORING DESIGNATION</b> NPVC-14-5		<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West		<b>HORIZONTAL</b> NAD 1983
<b>3. DRILLING AGENCY</b> Athena Technologies, Inc.		<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b>		<input type="checkbox"/> <b>AUTO HAMMER</b> <input type="checkbox"/> <b>MANUAL HAMMER</b>
<b>4. NAME OF DRILLER</b> P. McClellan		<b>12. TOTAL SAMPLES</b>		
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> <b>VERTICAL</b> <input type="checkbox"/> <b>INCLINED</b>		<b>13. TOTAL NUMBER CORE BOXES</b>		<b>UNDISTURBED (UD)</b>
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.		<b>14. WATER DEPTH</b> 5.7 Ft.		
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.		<b>15. DATE BORING</b>		<b>STARTED</b> 07-08-14 09:22 <b>COMPLETED</b> 07-08-14 09:40
<b>8. TOTAL DEPTH OF BORING</b> 12.5 Ft.		<b>16. ELEVATION TOP OF BORING</b> -5.1 Ft.		
		<b>17. TOTAL RECOVERY FOR BORING</b> 10.58 Ft.		
		<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> A. Freeze		

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-5.1	0.0					
-7.9	2.8		Fine quartz SAND, few fine sand size shell, trace gravel size shell, poorly graded, subrounded, white (2.5Y-8/1), (SP).		1	Sample #1, Depth = 0.8' - 1.3' Mean (mm): 0.17, Phi Sorting: 0.78 Shell: 13%, Fines (230): 1.12% (SP)
-12.3	7.2		Fine quartz SAND, trace shell/silt in layers, poorly graded, subrounded; 6' = silty sand (SM) laminations, 6.25 and 6.4' = gravel size shell, white (2.5Y-8/1), (SP).		2	Sample #2, Depth = 5.3' - 5.8' Mean (mm): 0.15, Phi Sorting: 0.41 Shell: 27%, Fines (230): 1.04% (SP)
-12.8	7.7		Fine quartz SAND, few medium sand size shell in layers, poorly graded, subrounded, gravel size gastropod shells at base, white (2.5Y-8/1), (SP).		0	Sample #C, Depth = 0.0' - 8.0' Mean (mm): 0.17, Phi Sorting: 1.03 Shell: 26%, Fines (230): 0.35% (SP)
-13.8	8.7		Fine quartz SAND, trace fine/medium sand size shell in layers, trace silt, poorly graded, subrounded, white (2.5Y-8/1), (SP).			
-14.7	9.6		Fine quartz SAND, some medium sand to fine gravel size shell, well graded, subrounded; 9.5' = gastropod shell, light gray (2.5Y-7/1), (SW).			
-15.7	10.6		Fine quartz SAND, trace shell, poorly graded, subrounded, 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