

# Boring Designation NPVC-14-10

<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-14-10				<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West		<b>HORIZONTAL</b> NAD 1983	<b>VERTICAL</b> NAVD 88
<b>3. DRILLING AGENCY</b> Athena Technologies, Inc.				<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER			
<b>4. NAME OF DRILLER</b> P. McClellan				<b>12. TOTAL SAMPLES</b> <b>DISTURBED</b> <b>UNDISTURBED (UD)</b>			
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				<b>13. TOTAL NUMBER CORE BOXES</b>			
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.				<b>14. WATER DEPTH</b> 17.3 Ft.			
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.				<b>15. DATE BORING</b> <b>STARTED</b> 07-08-14 07:30 <b>COMPLETED</b> 07-08-14 07:50			
<b>8. TOTAL DEPTH OF BORING</b> 10.5 Ft.				<b>16. ELEVATION TOP OF BORING</b> -16.5 Ft.			
				<b>17. TOTAL RECOVERY FOR BORING</b> 10.17 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
-16.5	0.0					
-21.9	5.4		Fine quartz SAND, trace silt in burrows/layers, trace shell, poorly graded, subrounded, few burrow traces; 1.5 and 3.1' = burrow traces, 4.66-5.0' = silt laminations, white (2.5Y-8/1), (SP).		1	Sample #1, Depth = 0.8' - 1.3' Mean (mm): 0.14, Phi Sorting: 0.62 Shell: 9%, Fines (230): 0.89% (SP)
-24.4	7.9		Silty fine quartz SAND, little silt, few medium sand size shell in layers, trace gravel size shell, bioturbated, gray (5Y-6/1), (SM).		0	Sample #C, Depth = 0.0' - 5.0' Mean (mm): 0.14, Phi Sorting: 0.67 Shell: 10%, Fines (230): 0.93% (SP)
-26.7	10.2		SILT, few medium sand to fine gravel size shell, bioturbated, mottled with olive gray (5Y 5/2) silt, pale yellow (2.5Y-8/2), (ML).			
			End of Boring			

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