

Boring Designation NPVC-14-7

<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>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West
<b>2. BORING DESIGNATION</b> NPVC-14-7		<b>LOCATION COORDINATES</b> X = 463,568 Y = 1,086,989		<b>HORIZONTAL</b> NAD 1983 <b>VERTICAL</b> NAVD 88
<b>3. DRILLING AGENCY</b> Athena Technologies, Inc.		<b>CONTRACTOR FILE NO.</b>		<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>DEG. FROM VERTICAL</b>	<b>BEARING</b>	<b>13. TOTAL NUMBER CORE BOXES</b>
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.		<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.		<b>14. WATER DEPTH</b> 3.5 Ft.
<b>8. TOTAL DEPTH OF BORING</b> 12.5 Ft.		<b>15. DATE BORING</b>		<b>STARTED</b> 07-08-14 14:06 <b>COMPLETED</b> 07-08-14 14:20
		<b>16. ELEVATION TOP OF BORING</b> -5.3 Ft.		<b>17. TOTAL RECOVERY FOR BORING</b> 11.92 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
-5.3	0.0					
-7.1	1.8		Fine quartz SAND, few fine sand size shell, poorly graded, subrounded, fluid escape structure present, light gray (2.5Y-7/1), (SP).		1	Sample #1, Depth = 1.8' - 2.3' Mean (mm): 0.16, Phi Sorting: 0.69 Shell: 15%, Fines (230): 0.83% (SP)
-8.1	2.8		Fine quartz SAND, trace shell, poorly graded, subrounded, white (2.5Y-8/1), (SP).			
-8.5	3.2		Fine quartz SAND, few fine sand size shell, trace gravel size shell, poorly graded, subrounded, white (2.5Y-8/1), (SP).			
-8.9	3.6		Fine quartz SAND, trace shell, poorly graded, subrounded, white (2.5Y-8/1), (SP).			
-9.8	4.5		Fine quartz SAND, trace shell, poorly graded, subrounded, white (2.5Y-8/1), (SP).		2	Sample #2, Depth = 5.8' - 6.3' Mean (mm): 0.15, Phi Sorting: 0.38 Shell: 10%, Fines (230): 0.62% (SP)
			Fine quartz SAND, little fine/medium sand size shell, trace gravel size shell, poorly graded, subrounded, light gray (2.5Y-7/1), (SP).			
			Fine quartz SAND, few fine sand size shell in layers, trace silt, poorly graded, subrounded, white (2.5Y-8/1), (SP).		C/P/C	Sample #C, Depth = 0.0' - 8.0' Mean (mm): 0.17, Phi Sorting: 0.90 Shell: 18%, Fines (230): 1.48% (SP)
-17.2	11.9		End of Boring			

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