

Boring Designation NPVC-14-9

<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-14-9		<b>LOCATION COORDINATES</b> X = 462,641 Y = 1,086,539		<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> 14.0 Ft.
<b>8. TOTAL DEPTH OF BORING</b> 10.0 Ft.		<b>15. DATE BORING</b>		<b>STARTED</b> 07-08-14 08:07 <b>COMPLETED</b> 07-08-14 08:20
		<b>16. ELEVATION TOP OF BORING</b> -13.1 Ft.		<b>17. TOTAL RECOVERY FOR BORING</b> 9.75 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
-13.1	0.0					
			Fine quartz SAND, trace medium/coarse sand size shell in layers, trace silt, poorly graded, subrounded, few burrow traces; 2.7, 3.95, 4.8' = medium/coarse sand size shell layers, 2.85' = organic silt rip-up/silt layer, white (2.5Y-8/1), (SP).		1	Sample #1, Depth = 0.8' - 1.3' Mean (mm): 0.14, Phi Sorting: 0.67 Shell: 16%, Fines (230): 0.87% (SP)
					C	Sample #C, Depth = 0.0' - 2.5' Mean (mm): 0.14, Phi Sorting: 0.44 Shell: 9%, Fines (230): 1.26% (SP)
-18.5	5.4					
-18.9	5.8		Fine quartz SAND, little medium sand to fine gravel size shell, poorly graded, subrounded, white (2.5Y-8/1), (SP).			
-19.3	6.2		Fine quartz SAND, trace silt/shell, poorly graded, subrounded, few burrow traces, light gray (2.5Y-7/1), (SP).			
-19.9	6.8		Fine quartz SAND, poorly graded, subrounded, white (2.5Y-8/1), (SP).			
			Silty fine quartz SAND, little silt, trace shell, bioturbated, gray (5Y-6/1), (SM).			
-22.9	9.8					
			End of Boring			

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