

DRILLING LOG		CLIENT Olsen Associates, Inc.		PROJECT OWNER		SHEET 1 OF 1 SHEETS	
1. PROJECT Amelia Island Offshore Amelia Island, Florida				9. SIZE AND TYPE OF BIT 3.0 In.			
2. BORING DESIGNATION NCVB-15-09		LOCATION COORDINATES X = 546,034 Y = 2,270,689		10. COORDINATE SYSTEM/DATUM Florida State Plane East		HORIZONTAL NAD 1983	
3. DRILLING AGENCY Athena Technologies		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER Sexton				12. TOTAL SAMPLES		DISTURBED UNDISTURBED (UD)	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				DEG. FROM VERTICAL		BEARING	
6. THICKNESS OF OVERBURDEN 0.0 Ft.				13. TOTAL NUMBER CORE BOXES			
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				14. WATER DEPTH 39.2 Ft.			
8. TOTAL DEPTH OF BORING 20.0 Ft.				15. DATE BORING		STARTED 10-14-15	
				16. ELEVATION TOP OF BORING -37.3 Ft.		COMPLETED 10-14-15	
				17. TOTAL RECOVERY FOR BORING 19.2 Ft.			
				18. SIGNATURE AND TITLE OF INSPECTOR Sexton			
ELEV. (ft)	SCALE (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS	
-37.3	0.0						
-38.8	1.5		Fine SAND, little shell fragments < 3 cm, light greenish gray (10Y-7/1), (SP).		A		Sample #A, Depth = 0.8' - 1.2' Mean (mm): 0.62, Phi Sorting: 1.61 Shell: 48%, Fines (230): 2.58% (SP)
					Comp		Sample #Comp, Depth = 0.0' - 6.0' Mean (mm): 0.23, Phi Sorting: 1.23 Shell: 20%, Carbonate: 12.4%, Fines (230): 1.79% (SP)
					B		Sample #B, Depth = 3.8' - 4.2' Mean (mm): 0.22, Phi Sorting: 1.31 Shell: 20%, Fines (230): 2.30% (SP)
-45.6	8.3		Fine SAND, trace fines increasing from 6.0-8.3', few shell fragments < 1 cm, shell bands at 2.4-2.5', 3.1-3.5', 3.8-3.9', burrow at 4.8', greenish gray (10Y-6/1), (SP).		C		Sample #C, Depth = 6.8' - 7.2' Mean (mm): 0.18, Phi Sorting: 1.24 Shell: 15%, Fines (230): 4.15% (SP)
-50.3	13.0		Fine SAND with silt, silt content increasing downcore, trace shell fragments < 3 cm, dark greenish gray (10Y-4/1), (SP-SM).				
-56.5	19.2		CLAY, trace sand in burrows, very dark greenish gray (10Y-3/1), (CH).				

FLORIDA DEP ROSS AMELIA\_ISLAND.GPJ FL DEP ROSS.GDT 1/5/16