

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1
1. PROJECT		9. SIZE AND TYPE OF BIT		
2011 SLC Geotech Investigation				
St. Lucie County				
2. BORING DESIGNATION		10. COORDINATE SYSTEM/DATUM		
SLC-11-B61		Florida State Plane East		
LOCATION COORDINATES		HORIZONTAL		
X = 930,166 Y = 1,096,602		NAD 1983		
3. DRILLING AGENCY		11. MANUFACTURER'S DESIGNATION OF DRILL		
American Vibracore Services		Pneumatic Vibracore		
CONTRACTOR FILE NO.		<input type="checkbox"/> AUTO HAMMER		
		<input type="checkbox"/> MANUAL HAMMER		
4. NAME OF DRILLER		12. TOTAL SAMPLES		
AVS		DISTURBED		
5. DIRECTION OF BORING		UNDISTURBED (UD)		
<input checked="" type="checkbox"/> VERTICAL		13. TOTAL NUMBER CORE BOXES		
<input type="checkbox"/> INCLINED		14. ELEVATION GROUND WATER		
6. THICKNESS OF OVERBURDEN 0.0 Ft.		15. DATE BORING		
7. DEPTH DRILLED INTO ROCK 0.0 Ft.		STARTED 04-19-11		
8. TOTAL DEPTH OF BORING 20.0 Ft.		COMPLETED 04-19-11		
		16. ELEVATION TOP OF BORING -38.7 Ft.		
		17. TOTAL RECOVERY FOR BORING 19.7 Ft.		
		18. SIGNATURE AND TITLE OF INSPECTOR		
		LA		

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-38.7	0.0					
			Medium to fine grained skeletal sand. Some blackened shell. Some gravel-sized whole bivalves to 2" between 2.3' to 2.7'. Gradational contact, light olive brown (2.5Y 5/3) to, olive gray (5Y-4/2), (SP).		1	Sample #1, Depth = 0.5' - 0.8'
-43.7	5.0				2	Sample #2, Depth = 4.0' - 4.3'
			Fine grained skeletal sand with some quartz fraction. Fining with depth, olive gray (5Y-5/2), (SW).		3	Sample #3, Depth = 6.0' - 6.3'
-50.2	11.5				4	Sample #4, Depth = 10.5' - 10.8'
			Fine grained quartz sand with abundant fine grained shell fragments. Gradational contact, dark gray (5Y-4/1), (SP).		5	Sample #5, Depth = 13.0' - 13.3'
-54.9	16.2					
-56.9	18.2		Fine grained quartz sand and silt with some coarse to gravel-sized shell fragments. Abrupt contact, dark gray (5Y-4/1), (SM).			
-57.7	19.0		Abundant white gravel-sized bivalves in a matrix of medium grained blackened shell fragments. No quartz fraction, (N6-1/1), (GW).			
-58.4	19.7		Gravel-sized bivalve shell fragments in a sand and silt matrix. Possibly estuarine, very dark gray (2.5Y-3/1), (GM).			
-58.7	20.0		No Recovery.			
			End of Boring			

FLORIDA DEP ROSS 2011-16 SLC PLANS AND SPECS.GPJ FL DEP ROSS.GDT 11/10/11