

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1
1. PROJECT 2011 SLC Geotech Investigation St. Lucie County			9. SIZE AND TYPE OF BIT	
2. BORING DESIGNATION SLC-11-B47		LOCATION COORDINATES X = 934,165 Y = 1,092,564	10. COORDINATE SYSTEM/DATUM Florida State Plane East	HORIZONTAL NAD 1983
3. DRILLING AGENCY American Vibracore Services		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Pneumatic Vibracore	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER AVS		12. TOTAL SAMPLES	DISTURBED	UNDISTURBED (UD)
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES	
6. THICKNESS OF OVERBURDEN 0.0 Ft.		BEARING	14. ELEVATION GROUND WATER	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.		15. DATE BORING	STARTED 04-17-11	COMPLETED 04-17-11
8. TOTAL DEPTH OF BORING 10.0 Ft.		16. ELEVATION TOP OF BORING -45.1 Ft.		
		17. TOTAL RECOVERY FOR BORING 9.5 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
-45.1	0.0					
			Fine grained quartz sand with abundant medium grained blackened shell fragments. Interbedded layers of fine grained shell and layers with medium grained shell content. Few coarse to gravel-sized shell fragments. Some silt. Abrupt contact, very dark gray (5Y-3/1), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
-48.9	3.8					
-49.9	4.8		Fine grained quartz sand with abundant fine blackened shell fragments. Some silt. Increasing silt with depth. Abrupt contact, dark gray (5Y-4/1), (SP-SM).			
-52.0	6.9		Interbedded layers of fine grained quartz sand w/ abundant silt, layers of fine grained quartz sand w/ abundant fine to medium grained blackened shell fragments and some coarse to gravel-sized shell, and layers of gravel-sized shell in a silt matrix, dark gray (5Y-4/1), (GW-GM).			
-52.7	7.6					
-53.0	7.9					
-53.2	8.1					
-54.6	9.5		Fine grained quartz sand with abundant fine to medium grained blackened shell fragments. Abrupt contact, black (2.5Y-2.5/1), (SW).			
-55.1	10.0		Fine grained quartz sand with abundant silt. Abrupt contact, dark gray (5Y-4/1), (SM).			
			Abundant white gravel and coarse grained shell fragments in a matrix of fine grained quartz sand and silt and blackened fine to medium grained shell fragments, black (2.5Y-2.5/1), (GW-GM).			
			Fine grained quartz sand with some silt and abundant fine grained blackened shell fragments, very dark gray (5Y-3/1), (SP-SM).			
			No Recovery.			
			End of Boring			

FLORIDA DEP ROSS 2011-6-16 SLC PLANS AND SPECS.GPJ FL DEP ROSS.GDT 11/10/11