

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 2 SHEETS
1. PROJECT 2011 SLC Geotech Investigation St. Lucie County			9. SIZE AND TYPE OF BIT	
2. BORING DESIGNATION SLC-11-C97			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 938,231 Y = 1,105,565			HORIZONTAL NAD 1983	
3. DRILLING AGENCY American Vibracore Services			11. MANUFACTURER'S DESIGNATION OF DRILL Pneumatic Vibracore	
CONTRACTOR FILE NO.			<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER AVS			12. TOTAL SAMPLES	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			13. TOTAL NUMBER CORE BOXES	
DEG. FROM VERTICAL			14. ELEVATION GROUND WATER	
BEARING			15. DATE BORING 04-21-11	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			16. ELEVATION TOP OF BORING -42.2 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 19 Ft.	
8. TOTAL DEPTH OF BORING 19.9 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
-42.2	0.0					
			Medium grained skeletal sand with little quartz fraction. Decreasing gravel and coarse shells with depth. Gradational contact, light olive brown (2.5Y 5/3) to, olive brown (2.5Y-4/3), (SW).		1	Sample #1, Depth = 1.0' - 1.3'
-45.4	3.2					
			Fine to medium grained skeletal sand with some quartz. Gradational contact, dark grayish brown (2.5Y-4/2), (SP).		2	Sample #2, Depth = 4.5' - 4.8'
-48.6	6.4					
-49.2	7.0		As above with some gravel-sized shells. Whole cashew shells to 2". Gradational contact, dark grayish brown (2.5Y-4/2), (SW).		3	Sample #3, Depth = 6.4' - 6.7'
			Fine to medium grained skeletal sand with abundant fine grained quartz sand. Increasing fines with depth. Abundant gravel-sized shell between 10.6' to 10.8', dark grayish brown (2.5Y-4/2), (SP).		4	Sample #4, Depth = 12.5' - 12.8'
-58.0	15.8					
-58.7	16.5		Abundant gravel-sized shell fragments in a matrix of fine to medium grained skeletal sand with some fine grained quartz. Gradational contact. Little silt, dark gray (5Y-4/1), (SW WITH GRAVEL).		5	Sample #5, Depth = 16.0' - 16.3'
-59.4	17.2					
-60.5	18.3		Fine to medium grained skeletal sand with some quartz. Some silt. Some coarse grained shell hash. Gradational contact, olive gray (5Y-4/2), (SW-SM).			
-61.2	19.0					
-62.1	19.9		Fine grained quartz sand with some silt and abundant gravel-sized bivalve shells. Decreasing gravel content with depth. Abundant coarse shell at base. Gradational contact, dark olive gray (5Y-3/2), (GW-GM).			
			Fine grained quartz sand with abundant blackened shell fragments. Little silt. Decreasing silt with depth, dark gray (5Y-4/1), (SP).			
			No Recovery.			

DRILLING LOG (Cont. Sheet)			INSTALLATION		SHEET 2 OF 2 SHEETS	
PROJECT			COORDINATE SYSTEM/DATUM		HORIZONTAL	VERTICAL
2011 SLC Geotech Investigation			Florida State Plane East		NAD 1983	NAVD 88
LOCATION COORDINATES			ELEVATION TOP OF BORING			
X = 938,231 Y = 1,105,565			-42.2 Ft.			
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
			End of Boring			

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FLORIDA DEP ROSS 2011-6-16 SLC PLANS AND SPECS.GPJ FL DEP ROSS.GDT 12/5/11