

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT 2011 SLC Geotech Investigation St. Lucie County			9. SIZE AND TYPE OF BIT	
2. BORING DESIGNATION SLC-11-A33			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 933,006 Y = 1,086,454			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 04-17-11	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			16. ELEVATION TOP OF BORING -33.6 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 18.6 Ft.	
8. TOTAL DEPTH OF BORING 20.0 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
-33.6	0.0					
-35.3	1.7		Medium grained skeletal sand with little fine grained quartz sand. Trace gravel-sized shell. Few coarse grained shells. Abrupt contact, light olive brown (2.5Y-5/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
					2	Sample #2, Depth = 3.0' - 3.3'
			Fine to medium grained skeletal sand with abundant fine grained quartz sand. Trace gravel-sized shell. Trace silt. Gradational contact, dark grayish brown (2.5Y-4/2), (SW).		3	Sample #3, Depth = 7.5' - 7.8'
-44.9	11.3					
-45.3	11.7		As above with some coarse to gravel-sized shell fragments. Abrupt contact, dark grayish brown (2.5Y-4/2), (SW WITH GRAVEL).		4	Sample #4, Depth = 13.0' - 13.3'
-46.1	12.5		Fine grained quartz sand with abundant fine grained shell fragments and some medium grained shell. Trace silt. Gradational contact, dark gray (5Y-4/1), (SW).			
-48.0	14.4		Fine to medium grained skeletal sand with abundant fine grained quartz sand. Trace gravel-sized shell. Trace silt. Gradational contact, dark grayish brown (2.5Y-4/2), (SW).		5	Sample #5, Depth = 17.5' - 17.8'
-49.6	16.0		Fine grained quartz sand with abundant medium grained shell fragments. Gradational contact, gray (5Y 5/1) to, dark grayish brown (2.5Y-4/2), (SW).			
-52.2	18.6		Fine grained quartz sand with abundant fine grained blackened shell fragments. Some medium grained blackened shell fragments. Fining with depth. Little silt. Silt increasing with depth, black (2.5Y-2.5/1), (SP-SM).			
-53.6	20.0		No Recovery.			
			End of Boring			

FLORIDA DEP ROSS 2011-6-16 SLC PLANS AND SPECS.GPJ FL DEP ROSS.GDT 11/22/11