

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-C96			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
3. DRILLING AGENCY American Vibracore Services			11. MANUFACTURER'S DESIGNATION OF DRILL Pneumatic Vibracore	
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	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			14. ELEVATION GROUND WATER	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			15. DATE BORING 04-21-11	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -37.6 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.6 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
-37.6	0.0					
-39.4	1.8		Medium grained skeletal sand with trace gravel-sized shell. Some quartz. Gradational contact, light olive brown (2.5Y 5/3) to, light yellowish brown (2.5Y-6/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
-42.9	5.3		Fine to medium grained skeletal sand with some fine grained quartz fraction. Trace gravel-sized shell. Gradational contact, light olive brown (2.5Y-5/3), (SP).		2	Sample #2, Depth = 4.5' - 4.8'
-44.3	6.7		Medium grained skeletal sand with few gravel-sized shells. Some quartz sand. Gradational contact, light olive brown (2.5Y-5/3), (SW).		3	Sample #3, Depth = 6.0' - 6.3'
-49.6	12.0		Fine to medium grained skeletal sand with some fine quartz fraction. Trace gravel-sized shell. Gradational contact, light olive brown (2.5Y-5/3), (SP).		4	Sample #4, Depth = 10.5' - 10.8'
-51.3	13.7		Medium grained skeletal sand with few gravel-sized shells. Some quartz sand. Gradational contact, light olive brown (2.5Y-5/3), (SW).			
-54.4	16.8		Fine to medium grained skeletal sand with some fine grained quartz fraction. Trace gravel-sized shell. Fining with depth. Gradational contact, grayish brown (2.5Y-5/2), (SP).		5	Sample #5, Depth = 15.0' - 15.3'
-55.4	17.8		Fine grained quartz sand with some fine grained shell fragments and some silt. Abrupt contact, dark gray (5Y-4/1), (SP-SM).		6	Sample #6, Depth = 17.5' - 17.8'
-55.7	18.1		Abundant gravel-sized shells in a matrix of above layer. Gradational contact, dark gray (5Y-4/1), (GW-GM).			
-56.0	18.4		Fine grained quartz sand with some fine grained shell fragments and some silt. Abrupt contact, dark gray (5Y-4/1), (SP-SM).			
-56.2	18.6		Abundant blackened gravel-sized shells in a matrix of medium to coarse grained shell fragments. Little silt, black (2.5Y-2.5/1), (GW-GM).			
-56.4	18.8		Silt with some fine grained quartz sand. Gradational contact, dark gray (5Y-4/1), (ML).			
-57.2	19.6		Abundant blackened gravel-sized shell fragments in a matrix of medium to coarse			
-57.6	20.0					

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 = 937,235 Y = 1,105,564			-37.6 Ft.			
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
			<div>grained blackened shell. Little fine grained quartz sand. Some silt, black (2.5Y-2.5/1), (GW-GM).</div> <div>No Recovery.</div>			
			End of Boring			

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