

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-A26			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 931,076 Y = 1,084,447			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			DISTURBED	
DEG. FROM VERTICAL			UNDISTURBED (UD)	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			13. TOTAL NUMBER CORE BOXES	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			14. ELEVATION GROUND WATER	
8. TOTAL DEPTH OF BORING 20.0 Ft.			15. DATE BORING 04-17-11	
			STARTED 04-17-11	
			COMPLETED 04-17-11	
			16. ELEVATION TOP OF BORING -36.5 Ft.	
			17. TOTAL RECOVERY FOR BORING 20 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
-36.5	0.0					
			Medium grained skeletal sand. Abundant coarse grained shell fragments. Trace gravel-sized shell. Little quartz, light olive brown (2.5Y 5/3) to, light olive brown (2.5Y-5/4), (SP).		1	Sample #1, Depth = 0.5' - 0.8'
-40.0	3.5				2	Sample #2, Depth = 4.5' - 4.8'
			Fine to medium grained skeletal sand with some quartz. Gradational contact, dark grayish brown (2.5Y-4/2), (SW).		3	Sample #3, Depth = 7.0' - 7.3'
-44.7	8.2				4	Sample #4, Depth = 8.2' - 8.5'
-45.2	8.7		Coarse grained skeletal sand with few gravel-sized shells. Some medium grained shell content. Little fine grained quartz. Gradational contact, light olive gray (5Y-6/2), (SW).			
			Fine to medium grained skeletal sand. Trace gravel-sized shell. Abundant quartz. Increasing quartz with depth. Long burrow at base filled with layer below. Contact obscured by cut, dark gray (2.5Y-4/1), (SP).		5	Sample #5, Depth = 13.0' - 13.3'
-51.6	15.1					
-53.1	16.6		Fine grained quartz sand with abundant medium grained blackened shell fragments. Abrupt contact, black (2.5Y-2.5/1), (SW).			
-53.4	16.9		Fine grained quartz sand with abundant fine grained blackened shell fragments. Gradational contact, black (2.5Y-2.5/1), (SP).			
-55.0	18.5		Fine grained quartz sand with abundant fine to medium grained blackened shell fragments. Some gravel-sized shell from 18.2' to 18.5'. Gradational contact, black (2.5Y-2.5/1), (SW).			
-55.3	18.8					
-55.9	19.4					
-56.1	19.6					
-56.5	20.0					
			Fine grained quartz sand with abundant fine grained blackened shell fragments. Gradational contact, black (2.5Y-2.5/1), (SP).			
			Fine grained quartz sand with abundant fine to medium grained blackened shell fragments. Gradational contact, black (2.5Y-2.5/1), (SW).			
			Fine grained quartz sand with some silt and abundant medium grained blackened shell fragments, dark gray (5Y-4/1), (SW-SM).			
			Fine grained quartz sand with abundant fine to			

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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 = 931,076 Y = 1,084,447			-36.5 Ft.			
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
			medium grained blackened shell fragments, black (2.5Y-2.5/1), (SW).			
			End of Boring			

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