

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-A27			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 04-16-11	
8. TOTAL DEPTH OF BORING 19.7 Ft.			16. ELEVATION TOP OF BORING -35.1 Ft.	
			17. TOTAL RECOVERY FOR BORING 17.2 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
-35.1	0.0					
			Medium grained skeletal sand with some quartz fraction. Decreasing quartz content with depth. Increasing shell size with depth. Abrupt contact, light olive brown (2.5Y 5/3) to, olive brown (2.5Y-4/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
-40.5	5.4				2	Sample #2, Depth = 4.5' - 4.8'
-41.0	5.9				3	Sample #3, Depth = 5.4' - 5.7'
-41.4	6.3		Fine grained quartz sand with abundant fine to medium grained shell fragments. Gradational contact, dark grayish brown (2.5Y-4/2), (SP). Abundant coarse to gravel-sized shell fragments in a matrix of fine grained quartz sand with abundant fine to medium grained shell fragments. Gradational contact, grayish brown (2.5Y-5/2), (GW).		4	Sample #4, Depth = 8.0' - 8.3'
-44.2	9.1				5	Sample #5, Depth = 9.4' - 9.7'
-44.8	9.7		Fine grained quartz sand with abundant fine to medium grained shell fragments. Pockets of concentrated medium grained shell throughout. Gradational contact, dark grayish brown (2.5Y-4/2), (SW).		6	Sample #6, Depth = 11.7' - 12.0'
-45.5	10.4					
-46.1	11.0					
-46.8	11.7		Medium grained skeletal sand with some quartz and some coarse to gravel-sized shell. Gradational contact, dark grayish brown (2.5Y-4/2), (SW).			
-48.7	13.6					
-49.5	14.4		Fine to medium grained skeletal sand with some quartz fraction. Gradational contact, dark grayish brown (2.5Y-4/2), (SW).			
-50.6	15.5		Fine grained quartz sand with abundant fine grained shell fragments and some medium grained shell fragments. Gradational contact, dark grayish brown (2.5Y-4/2), (SP).			
-51.5	16.4					
-52.3	17.2		Medium grained skeletal sand with some quartz and some coarse shell fragments, olive gray (5Y-5/2), (SW).			
			Fine grained quartz sand with abundant fine to medium grained shell content. Increasing shell content and size with depth. Gradational contact, olive brown (2.5Y 4/3) to, dark gray (2.5Y-4/1), (SW).			
-54.8	19.7					
			Fine grained quartz sand with abundant fine shell fragments. Trace silt. Gradational contact, dark gray (5Y-4/1), (SP).			
			Medium grained skeletal sand with some quartz. Some coarse shell. Gradational contact, olive gray (5Y-5/2), (SW).			
			Fine grained quartz sand with abundant fine to medium grained shell fragments. Gradational contact, dark grayish brown (2.5Y-4/2), (SW).			

(Continued)

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 = 933,030 Y = 1,084,454			-35.1 Ft.			
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
			Medium grained skeletal sand with some quartz and some coarse grained shell fragments. Few gravel-sized shells, dark grayish brown (2.5Y-4/2), (SW). No Recovery.			
			End of Boring			

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