

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-C100			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 933,892 Y = 1,106,561			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 04-21-11	
			STARTED 04-21-11	
			COMPLETED 04-21-11	
			16. ELEVATION TOP OF BORING -44.1 Ft.	
			17. TOTAL RECOVERY FOR BORING 18.7 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
-44.1	0.0					
			Medium grained skeletal sand with some quartz fraction. Some coarse grained shell fragments in upper 1.2'. Trace gravel-sized shell fragments throughout. Gradational contact, light olive brown (2.5Y-5/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
-48.0	3.9				2	Sample #2, Depth = 3.0' - 3.3'
-50.1	6.0		Abundant coarse to gravel-sized shells to 1.5" in a matrix of medium grained skeletal sand. Gradational contact, light yellowish brown (2.5Y-6/4), (SW WITH GRAVEL).		3	Sample #3, Depth = 4.5' - 4.8'
-52.1	8.0		Fine grained quartz sand with abundant fine to medium grained blackened shell fragments. Abrupt contact, dark gray (5Y-4/1), (SP).			
-53.4	9.3		Abundant coarse to gravel-sized shell fragments in a matrix of medium grained blackened shell fragments with some fine grained quartz fraction. Abrupt contact, dark gray (5Y-4/1), (GW).			
-54.4	10.3					
-55.7	11.6		Fine grained quartz sand with abundant fine to medium grained shell fragments. Gradational contact, dark grayish brown (2.5Y-4/2), (SP).			
-56.3	12.2		Fine grained quartz sand with abundant blackened medium grained shell fragments. Gradational contact, black (2.5Y-2.5/1), (SW).			
-57.1	13.0					
-57.5	13.4		Fine grained quartz sand with little silt and some gravel-sized shells to 1.5". Abundant fine to medium grained blackened shell fragments, very dark gray (5Y-3/1), (SW).			
-58.6	14.5					
-59.3	15.2		Silt or Mud. Abrupt contact, dark greenish gray (GLEY1 4/1 5GY), (ML).			
-62.5	18.4		Abundant gravel-sized shell fragments. Whole bivalve half-shells to 2". Abundant coarse to medium grained skeletal sand matrix with some fine grained quartz sand fraction. Gradational contact, black (2.5Y-2.5/1), (SW WITH GRAVEL).			
-62.8	18.7					
-64.1	20.0		Silt or mud. Abrupt contact, dark greenish gray (GLEY1 4/1 5GY), (ML).			
			Abundant gravel-sized shell fragments. Whole shells to 2" in a matrix of medium to coarse grained blackened skeletal sand with some fine grained quartz sand fraction. Gradational contact, black (2.5Y-2.5/1), (GW).			
			Fine grained quartz sand with some fine to medium grained blackened shell fragments. Few coarse grained shell fragments. Trace silt, dark gray (5Y-4/1), (SW).			
			Fine grained quartz sand with few fine grained			

(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 = 933,892 Y = 1,106,561			-44.1 Ft.			
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
			<div> <div>shell fragments and some silt, gray (5Y-5/1), (SP-SM).</div> <div>No Recovery.</div> </div>			
			End of Boring			

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