

DRILLING LOG		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St Johns County SPP			9. SIZE AND TYPE OF BIT See Remarks	
2. BORING DESIGNATION VB-SAFS15-17		10. COORDINATE SYSTEM/DATUM State Plane, FLW (U.S. Ft.)		HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		11. MANUFACTURER'S DESIGNATION OF DRILL vibracore		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER Talon Smith		12. TOTAL SAMPLES 5		UNDISTURBED (UD) 0
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES 0		14. ELEVATION GROUND WATER
6. THICKNESS OF OVERBURDEN N/A		15. DATE BORING 07-07-15		STARTED 07-07-15
7. DEPTH DRILLED INTO ROCK N/A		16. ELEVATION TOP OF BORING -6.3 Ft.		COMPLETED 07-07-15
8. TOTAL DEPTH OF BORING 19.9 Ft.		17. TOTAL RECOVERY FOR BORING 75 %		18. SIGNATURE AND TITLE OF INSPECTOR

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-6.3	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace shell, trace silt, weak reaction with HCl, 2.5Y 6/2 light brownish gray (SP)	750			-6.3 Vibracore		
					1		-8.3		
-10.1	3.8		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell, weak reaction with HCl, occasional intermittent silty fine sand seams, 2.5Y 5/1 gray (SP-SM) At El. -11.1 Ft., 2.5Y 6/2 light brownish gray		2		-10.3		
-12.3	6.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace shell, trace silt, weak reaction with HCl, 2.5Y 6/2 light brownish gray (SP)		3		-12.3		
-14.3	8.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, no reaction with HCl, 2.5Y 6/2 light brownish gray (SP-SM)		4		-14.3		
-14.8	8.5		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, no reaction with HCl, 2.5Y 6/2 light brownish gray (SP-SM)		5		-15.3		
-15.5	9.2		SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace shell, intermittent sand seams, N 4/ dark gray (SM) SILT, inorganic-H, some fine-grained sand-sized quartz, weak reaction with HCl, occasional sand seams, N 4/ dark gray (MH) At El. -15.7 Ft., N 3/ very dark gray						
-19.0	12.7		SAND, silty, mostly fine-grained sand-sized quartz, some silt, weak reaction with HCl, N 3/ very dark gray (SM) At El. -19.7 Ft., little medium-grained sand-sized shell, strong reaction with HCl, 2.5Y 4/1 dark gray						
-20.7	14.4		SAND, poorly-graded with silt, mostly						
-21.3	15.0								

DRILLING LOG (Cont. Sheet)			INSTALLATION			SHEET 2 OF 2 SHEETS																																	
PROJECT St Johns County SPP			COORDINATE SYSTEM/DATUM State Plane, FLW (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL NAVD88																																	
LOCATION COORDINATES X = 879,622 Y = 2,025,763			ELEVATION TOP OF BORING -6.3 Ft.																																				
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE																														
-26.2	19.9	NO RECOVERY	fine-grained sand-sized quartz, some sand to gravel-sized shell, few silt, strong reaction with HCl, 2.5Y 5/2 grayish brown (SP-SM)				-26.2																																
			<p>NOTES:</p> <p>1. USACE Jacksonville is the custodian for these original files.</p> <p>2. Soils are field visually classified in accordance with the Unified Soils Classification System.</p> <p>3. Laboratory Testing Results</p> <table border="1"> <thead> <tr> <th>SAMPLE ID</th> <th>SAMPLE DEPTH</th> <th>LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.0/2.3</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>4.0/4.3</td> <td>SP-SM*</td> </tr> <tr> <td>3</td> <td>6.0/6.3</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>8.0/8.3</td> <td>SP-SM*</td> </tr> <tr> <td>5</td> <td>9.0/9.3</td> <td>SM*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve</p> <p>4. Additional Laboratory Testing</p> <table border="1"> <tbody> <tr> <td>1</td> <td>Percent Visual Shell</td> </tr> <tr> <td>2</td> <td>Percent Visual Shell</td> </tr> <tr> <td>3</td> <td>Percent Visual Shell</td> </tr> <tr> <td>4</td> <td>Percent Visual Shell</td> </tr> <tr> <td>5</td> <td>Percent Carbonate</td> </tr> <tr> <td>5</td> <td>Percent Visual Shell</td> </tr> </tbody> </table>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	2.0/2.3	SP*	2	4.0/4.3	SP-SM*	3	6.0/6.3	SP*	4	8.0/8.3	SP-SM*	5	9.0/9.3	SM*	1	Percent Visual Shell	2	Percent Visual Shell	3	Percent Visual Shell	4	Percent Visual Shell	5	Percent Carbonate	5	Percent Visual Shell				Abbreviations:		
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