


DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS		
1. PROJECT Flagler HSDR Offshore Sand Sources 3A				9. SIZE AND TYPE OF BIT See Remarks					
2. BORING DESIGNATION VB-FC18-44		LOCATION COORDINATES X = 672,038 Y = 1,900,000		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL NAVD88	
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER			
4. NAME OF DRILLER Talon Smith				12. TOTAL SAMPLES		DISTURBED 4		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				DEG. FROM VERTICAL		BEARING			
6. THICKNESS OF OVERBURDEN N/A				13. TOTAL NUMBER CORE BOXES 2		14. ELEVATION GROUND WATER			
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 01-08-19		COMPLETED 01-08-19	
8. TOTAL DEPTH OF BORING 19.90 Ft.				16. ELEVATION TOP OF BORING -58.17 Ft.		17. TOTAL RECOVERY FOR BORING 95 %			
				18. SIGNATURE AND TITLE OF INSPECTOR Scott Davidson, Geologist					
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-58.17	0.00		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little sand to cobble-sized shell, trace silt, 5Y 6/1 gray (SP)	100			-58.2		
					1		Vibracore		
				100			-59.2		
					2		Vibracore		
							-61.3		
-62.5'				100			Vibracore		
							-64.3		
-64.5'					3				
-65.77	7.60		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, trace silt, 5Y 5/1 gray (SP)	100			Vibracore		
					4		-67.3		
-68.27	10.10		SAND, silty, mostly fine-grained sand-sized quartz, little silt, few fine to medium-grained sand-sized shell, 10Y 5/1 greenish gray (SM)	100			Vibracore		
-70.27	12.10		SAND, silty, mostly sand to gravel-sized shell, little fine-grained sand-sized quartz, little silt, 10Y 4/1 dark greenish gray (SM)	100					
-72.97	14.80		From El. -72.0 to -73.0 Ft., some fine-grained sand-sized quartz, some silt, little fine-grained sand-sized shell, 5GY 4/1 dark greenish gray						

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS																					
PROJECT Flagler HSDR			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL NAVD88																					
LOCATION COORDINATES X = 672,038 Y = 1,900,000			ELEVATION TOP OF BORING -58.2 Ft.																								
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE																		
-75.37	17.20		SILT, inorganic-L, few fine-grained sand-sized quartz, trace shell, 5GY 4/1 dark greenish gray (ML)	100			Vibracore																				
-77.17	19.00		CLAY, inorganic-H, trace quartz, trace shell, 5GY 4/1 dark greenish gray (CH)							-77.2																	
-78.07	19.90	NR		0			-78.1			Vibracore (No Recovery)																	
<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>1.0/1.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>3.1/3.6</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>3.1/3.6</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>6.1/6.6</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>9.1/9.6</td> <td>SP*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve</p>			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	1.0/1.5	SP*	2	3.1/3.6	SP*	2	3.1/3.6	SP*	3	6.1/6.6	SP*	4	9.1/9.6	SP*							
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