


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-FC18-45		LOCATION COORDINATES X = 672,731 Y = 1,900,741		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 -58.86 Ft.		17. TOTAL RECOVERY FOR BORING 90 %			
				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
-58.86	0.00		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, trace silt, 2.5Y 6/1 gray (SP)	100			-58.9		
					1		Vibracore		
-60.96	2.10		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to medium-grained sand-sized shell, trace silt, 2.5Y 6/1 gray (SP)	100			Vibracore		
					2		-61.0		
-62.5'				100			Vibracore		
-63.96	5.10		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to medium-grained sand-sized shell, trace silt, 2.5Y 6/1 gray (SP)		3		-64.0		
-64.5'									
-65.96	7.10		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, trace silt, 10Y 5/1 greenish gray (SP)	100			Vibracore		
					4		-67.0		
-68.46	9.60		SAND, silty, mostly fine to coarse-grained sand-sized shell, some fine-grained sand-sized quartz, little silt, 10Y 5/1 greenish gray (SM)						
-69.66	10.80		SAND, clayey, some fine-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, some clay, shell size up to 3", 5GY 4/1 dark greenish gray (SC)	100			Vibracore		
-71.66	12.80		CLAY, inorganic-L, little sand to gravel-sized shell, few fine-grained sand-sized quartz, 10Y 4/1 dark greenish gray (CL)						
-72.76	13.90		CLAY, inorganic-H, trace quartz, trace shell, 5GY 4/1 dark greenish gray (CH)						

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS																					
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-76.86	18.00			100			Vibracore																				
-78.76	19.90	NR		0			Vibracore (No Recovery)																				
NOTES: 1. USACE Jacksonville is the custodian for these original files. 2. Soils are field visually classified in accordance with the Unified Soils Classification System. 3. Lost during recovery at depth 19'-20'. 4. Laboratory Testing Results																											
<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>0.5/1.0</td> <td>SP*</td> </tr> <tr> <td>1</td> <td>0.5/1.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>2.1/2.6</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>5.1/5.6</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>8.1/8.6</td> <td>SP*</td> </tr> </tbody> </table>			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.5/1.0	SP*	1	0.5/1.0	SP*	2	2.1/2.6	SP*	3	5.1/5.6	SP*	4	8.1/8.6	SP*							
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