

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-FC18-43		LOCATION COORDINATES X = 671,359 Y = 1,899,252		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		13. TOTAL NUMBER CORE BOXES 2			
6. THICKNESS OF OVERBURDEN N/A				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 19.88 Ft.				16. ELEVATION TOP OF BORING -57.83 Ft.					
				17. TOTAL RECOVERY FOR BORING 91 %					
				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
-57.83	0.00		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, trace silt, 10Y 5/1 greenish gray (SP)	100			-57.8		
					1		Vibracore		
				100			-58.8		
					2		Vibracore		
							-61.0		
				100			Vibracore		
-62.5'									
-63.55	5.72		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few silt, trace silt, shell size up to 2.5", 10Y 5/1 greenish gray (SP)				-64.0		
					3				
-64.5'									
-64.95	7.12		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to medium-grained sand-sized shell, trace silt, shell size up to 2.5", 10Y 5/1 greenish gray (SP)	100			Vibracore		
							-67.0		
-67.45	9.62		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell, 10Y 5/1 greenish gray (SP-SM)		4				
				100			Vibracore		
-71.45	13.62		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace shell, trace clay, 10Y 5/1 greenish gray (SM)						
-72.55	14.72		CLAY, inorganic-L, little fine-grained sand-sized						

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS																					
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LOCATION COORDINATES X = 671,359 Y = 1,899,252			ELEVATION TOP OF BORING -57.8 Ft.																								
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE																		
-74.75	16.92		quartz, few medium to coarse-grained sand-sized shell, 5GY 5/1 greenish gray (CL)	100			Vibracore																				
-75.83	18.00		SAND, silty, some fine-grained sand-sized quartz, some silt, little fine to coarse-grained sand-sized shell, 5GY 5/1 greenish gray (SM)				-75.8																				
-77.71	19.88	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. 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>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>			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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