

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-FC18-38		LOCATION COORDINATES X = 670,574 Y = 1,899,901		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 01-06-19		COMPLETED 01-06-19	
8. TOTAL DEPTH OF BORING 18.62 Ft.				16. ELEVATION TOP OF BORING -58.60 Ft.		17. TOTAL RECOVERY FOR BORING 97 %			
				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
-58.60	0.00		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few fine to medium-grained sand-sized shell, trace silt, 10Y 6/1 greenish gray (SP)	100			-58.6		
					1		-59.6		
				100			Vibracore		
-62.08	3.48		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)		2		-62.1		
				100			Vibracore		
					3		-64.0		
-64.58	5.98		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, few sand to gravel-sized shell, 10Y 5/1 greenish gray (SP-SM)	100			Vibracore		
			From El. -66.5 to -71.0 Ft., mostly fine-grained sand-sized quartz, few silt, few fine to coarse-grained sand-sized shell, silt seam at 14.6' depth, 10Y 5/1 greenish gray		4		-67.0		
				100			Vibracore		
-70.98	12.38		SAND, silty, mostly fine-grained sand-sized quartz, some sand to gravel-sized shell, little silt, 10GY 5/1 greenish gray (SM)						
			From El. -71.8 to -74.3 Ft., some fine to coarse-grained sand-sized shell, some silt, few fine-grained sand-sized quartz, few clay, 5G 5/1 greenish gray						

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS																				
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LOCATION COORDINATES X = 670,574 Y = 1,899,901			ELEVATION TOP OF BORING -58.6 Ft.																							
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE																	
-74.28	15.68		CLAY, inorganic-H, few fine-grained sand-sized quartz, trace shell, sand seam at 18.2' depth, 5G 5/1 greenish gray (CH)	100			Vibracore																			
-76.60	18.00																									
-77.22	18.62									NR	0	-76.6	Vibracore (No Recovery)	-77.2												
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>1</td> <td>1.0/1.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>3.5/4.0</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>5.4/5.9</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>8.4/8.9</td> <td>SP*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	1.0/1.5	SP*	1	1.0/1.5	SP*	2	3.5/4.0	SP*	3	5.4/5.9	SP*	4	8.4/8.9	SP*						
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