

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-FC18-41		LOCATION COORDINATES X = 672,582 Y = 1,902,160		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			
7. DEPTH DRILLED INTO ROCK N/A				14. ELEVATION GROUND WATER					
8. TOTAL DEPTH OF BORING 19.18 Ft.				15. DATE BORING		STARTED 01-06-19		COMPLETED 01-06-19	
				16. ELEVATION TOP OF BORING		-58.62 Ft.			
				17. TOTAL RECOVERY FOR BORING		96 %			
				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
-58.62	0.00		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little sand to gravel-sized shell, trace silt, 10Y 6/1 greenish gray (SP)	100			-58.6		
					1		Vibracore		
				100			Vibracore		
-62.5'									
-63.44	4.82		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few sand to gravel-sized shell, trace silt, 10Y 5/1 greenish gray (SP)		2		-62.9		
-64.5'				100			Vibracore		
-64.94	6.32		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few fine to medium-grained sand-sized shell, trace silt, 10Y 4/1 dark greenish gray (SP)		3		-65.9		
-67.94	9.32			100			Vibracore		
-69.94	11.32		SAND, silty, mostly fine to medium-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, little silt, 10Y 5/1 greenish gray (SM)		4		-68.9		
			SAND, clayey, mostly fine to coarse-grained sand-sized shell, little clay, few fine-grained sand-sized quartz, silt seam at 17.6 and 17.9 depth, shell size up to 3", 5G 6/1 greenish gray (SC)	100			Vibracore		

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS																				
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LOCATION COORDINATES X = 672,582 Y = 1,902,160			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																	
-73.64	15.02		CLAY, inorganic-L, little sand to gravel-sized shell, few fine-grained sand-sized quartz, shell size up to 6", 5G 4/1 dark greenish gray (CL)	100																						
-77.12	18.50						-77.1																			
-77.80	19.18	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>1</td> <td>1.0/1.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>4.3/4.8</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>7.3/7.8</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>10.3/10.8</td> <td>SM*</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	4.3/4.8	SP*	3	7.3/7.8	SP*	4	10.3/10.8	SM*					
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