

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-FC18-40		LOCATION COORDINATES X = 671,919 Y = 1,901,410		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 19.63 Ft.				16. ELEVATION TOP OF BORING -58.18 Ft.		17. TOTAL RECOVERY FOR BORING 87 %			
				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
-58.18	0.00		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little sand to gravel-sized shell, trace silt, 5Y 6/1 gray (SP)	100	1		-58.2		0
				-58.7			Vibracore		
				-59.6			Vibracore		
-60.85	2.67		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few fine to coarse-grained sand-sized shell, trace silt, 5Y 5/2 olive gray (SP)	100			Vibracore		
-62.5'							-62.6		
-64.05	5.87		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, trace silt, 5Y 5/2 olive gray (SP)	100	3		Vibracore		5
-64.5'									
-65.55	7.37		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, trace silt, shell size up to 3", 10Y 4/1 dark greenish gray (SP-SM)		4		-65.6		
-68.95	10.77		SAND, silty, some sand to gravel-sized shell, some fine to medium-grained sand-sized quartz, little silt, 5GY 5/1 greenish gray (SM)	100			Vibracore		10
			From El. -69.6 to -72.6 Ft., some fine-grained sand-sized quartz, some silt, little sand to gravel-sized shell, shell seam at 15.5' depth, 10GY 5/1 greenish gray						
-72.55	14.37		SAND, silty, mostly sand to gravel-sized shell, some silt, little fine-grained sand-sized quartz,						15

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 = 671,919 Y = 1,901,410			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																		
-75.18	17.00	NO RECOVERY	5G 5/1 greenish gray (SM)	100			Vibracore																				
-77.81	19.63			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>0.5/1.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>1.4/1.9</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>1.4/1.9</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>4.4/4.9</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>7.4/7.9</td> <td>SP*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.5/1.0	SP*	2	1.4/1.9	SP*	2	1.4/1.9	SP*	3	4.4/4.9	SP*	4	7.4/7.9	SP*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																									
1	0.5/1.0	SP*																									
2	1.4/1.9	SP*																									
2	1.4/1.9	SP*																									
3	4.4/4.9	SP*																									
4	7.4/7.9	SP*																									