

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-FC18-48		LOCATION COORDINATES X = 672,132 Y = 1,898,585		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 19.21 Ft.				15. DATE BORING		STARTED 01-08-19		COMPLETED 01-08-19	
				16. ELEVATION TOP OF BORING		-60.08 Ft.			
				17. TOTAL RECOVERY FOR BORING		94 %			
				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
-60.08	0.00		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few fine to medium-grained sand-sized shell, trace silt, 10Y 6/1 greenish gray (SP)	100			-60.1		
					1		Vibracore		
				100			-61.1		
							Vibracore		
-62.5'									
-63.29	3.21		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little fine to medium-grained sand-sized shell, trace silt, 10Y 6/1 greenish gray (SP)				-63.3		
					2				
-64.5'									
-64.99	4.91		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell, trace silt, 10Y 5/1 greenish gray (SP)	100			Vibracore		
							-66.3		
-67.29	7.21		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, trace shell, 10Y 5/1 greenish gray (SP)	100			Vibracore		
-68.39	8.31		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few fine to coarse-grained sand-sized shell, trace silt, 10Y 4/1 dark greenish gray (SP)				-69.3		
					4				
-72.09	12.01		SAND, silty, some fine-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, little silt, little sand to gravel-sized limestone, 10Y 4/1 dark greenish gray (SM) From El. -72.7 to -74.7 Ft., some fine-grained sand-sized quartz, some silt, few fine to coarse-grained sand-sized shell, 10Y 4/1 dark greenish gray From El. -74.7 to -76.3 Ft., some fine to	100			Vibracore		

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS																				
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LOCATION COORDINATES X = 672,132 Y = 1,898,585			ELEVATION TOP OF BORING -60.1 Ft.																							
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE																	
-76.29	16.21		coarse-grained sand-sized shell, some silt, few fine-grained sand-sized quartz, 10Y 4/1 dark greenish gray	100			Vibracore																			
-78.08	18.00		CLAY, inorganic-L, few fine to coarse-grained sand-sized shell, trace quartz, 5GY 4/1 dark greenish gray (CL)																							
-79.29	19.21	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>*</td> </tr> <tr> <td>2</td> <td>3.2/3.7</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>3.2/3.7</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>6.2/6.7</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>9.2/9.7</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	*	2	3.2/3.7	SP*	2	3.2/3.7	SP*	3	6.2/6.7	SP*	4	9.2/9.7	SP*						
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