

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-FC18-46		LOCATION COORDINATES X = 673,347 Y = 1,901,502		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 2		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 01-08-19		COMPLETED 01-08-19	
8. TOTAL DEPTH OF BORING 19.90 Ft.				16. ELEVATION TOP OF BORING -60.57 Ft.		17. TOTAL RECOVERY FOR BORING 85 %			
				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
-60.57	0.00		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, trace silt, 5Y 5/1 gray (SP)	100			-60.6		
							-62.6		
-64.07	3.50				100	1		Vibracore	
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to medium-grained sand-sized shell, trace silt, 10Y 5/1 greenish gray (SP)				-64.6		
-65.57	5.00					2			
			SAND, silty, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell, little silt, 10Y 5/1 greenish gray (SM)						
-68.97	8.40								
			SILT, inorganic-L, some fine to coarse-grained sand-sized shell, few fine-grained sand-sized quartz, 10Y 3/1 very dark greenish gray (ML)	100			Vibracore		

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 = 673,347 Y = 1,901,502			ELEVATION TOP OF BORING -60.6 Ft.																		
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE												
-77.57	17.00	NO RECOVERY	From El. -76.2 to -77.2 Ft., some fine-grained sand-sized quartz, little sand to gravel-sized shell, 10Y 4/1 dark greenish gray From El. -77.2 to -77.6 Ft., little fine-grained sand-sized quartz, few medium to coarse-grained sand-sized shell, 10Y 6/1 greenish gray	100			Vibracore														
-80.47	19.90			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>2.0/2.5</td> <td>SP*</td> </tr> <tr> <td>1</td> <td>2.0/2.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>4.0/4.5</td> <td>SP*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	2.0/2.5	SP*	1	2.0/2.5	SP*	2	4.0/4.5	SP*						
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