

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-FC18-36		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
3. DRILLING AGENCY Corps of Engineers - CESAJ		12. TOTAL SAMPLES 3		13. TOTAL NUMBER CORE BOXES 2
4. NAME OF DRILLER Talon Smith		14. ELEVATION GROUND WATER		15. DATE BORING 01-03-19
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		16. ELEVATION TOP OF BORING -58.50 Ft.		17. TOTAL RECOVERY FOR BORING 95 %
6. THICKNESS OF OVERBURDEN N/A		18. SIGNATURE AND TITLE OF INSPECTOR Scott Davidson, Geologist		
7. DEPTH DRILLED INTO ROCK N/A				
8. TOTAL DEPTH OF BORING 19.91 Ft.				

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-58.50	0.00		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, trace silt, N 5/ gray (SP)	100			-58.5		0
					1		-60.5		
				100			Vibracore		
-62.59	4.09		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace shell, trace silt, N 5/ gray (SP)		2		-62.6		
-64.09	5.59		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few fine to coarse-grained sand-sized shell, trace silt, shelly seam at 7.8' depth, 5GY 5/1 greenish gray (SP)	100			Vibracore		5
-66.09	7.59				3		-65.6		
-66.59	8.09		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few fine to coarse-grained sand-sized shell, few silt, 5GY 5/1 greenish gray (SP-SM)						
			SAND, silty, mostly fine-grained sand-sized quartz, little silt, few fine to coarse-grained sand-sized shell, 5GY 5/1 greenish gray (SM)						
			From El. -67.6 to -71.8 Ft., mostly fine-grained sand-sized quartz, little sand to gravel-sized shell, little silt, silty seam at 12.2' depth. shell size up to 3", 10Y 5/1 greenish gray	100			Vibracore		10
-71.79	13.29		SAND, clayey, mostly fine-grained sand-sized quartz, few fine to medium-grained sand-sized shell, 5GY 5/1 greenish gray (SC)						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 = 671,834 Y = 1,902,839			ELEVATION TOP OF BORING -58.5 Ft.																				
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE														
-74.19	15.69		SAND, silty, mostly sand to gravel-sized shell, little fine-grained sand-sized quartz, little silt, trace plant debris, 5G 6/1 greenish gray (SM) From El. -76.6 to -77.5 Ft., some fine to coarse-grained sand-sized shell, some silt, little fine-grained sand-sized quartz, 10Y 7/1 light greenish gray	100			Vibracore																
-77.50	19.00						-77.5																
-78.41	19.91			NR	0			-78.4	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>4.1/4.6</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>7.1/7.6</td> <td>*</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	4.1/4.6	SP*	3	7.1/7.6	*						
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