

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-FC18-33		LOCATION COORDINATES X = 669,837 Y = 1,900,572		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 19.88 Ft.				15. DATE BORING		STARTED 01-01-19		COMPLETED 01-01-19	
				16. ELEVATION TOP OF BORING		-57.52 Ft.			
				17. TOTAL RECOVERY FOR BORING		93 %			
				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
-57.52	0.00		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to medium-grained sand-sized shell, trace silt, 10Y 6/1 greenish gray (SP)	100			-57.5		
					1		-58.5		
				100			Vibracore		
-60.14	2.62		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to medium-grained sand-sized shell, trace silt, shell size up to 3", 10Y 5/1 greenish gray (SP)		2		-60.1		
				100			Vibracore		
-62.5'									5
-64.5'									
-64.14	6.62		SAND, poorly-graded, mostly fine-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, trace silt, 10Y 5/1 greenish gray (SP)		3		-64.1		
				100			Vibracore		
-66.14	8.62		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)		4		-65.9		
-67.64	10.12		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, little shell, few silt, shell size up to 2", 10Y 5/1 greenish gray (SP-SM)						10
-68.64	11.12		SAND, silty, mostly fine-grained sand-sized quartz, little silt, few fine to coarse-grained sand-sized shell, 10Y 5/1 greenish gray (SM)	100			Vibracore		

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS																					
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LOCATION COORDINATES X = 669,837 Y = 1,900,572			ELEVATION TOP OF BORING -57.5 Ft.																								
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE																		
-73.24	15.72		SAND, silty, mostly fine to coarse-grained sand-sized shell, little silt, few fine-grained sand-sized quartz, few sand to gravel-sized limestone, 10Y 4/1 dark greenish gray (SM)	100			Vibracore																				
-76.02	18.50						-76.0																				
-77.40	19.88		NR	From El. -75.5 to -76.0 Ft., mostly sand to gravel-sized shell, little silt, few fine-grained sand-sized quartz, 10Y 4/1 dark greenish gray	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>2.6/3.1</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>6.6/7.1</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>8.4/8.9</td> <td>SP*</td> </tr> </tbody> </table>			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	1.0/1.5	SP*	1	1.0/1.5	SP*	2	2.6/3.1	SP*	3	6.6/7.1	SP*	4	8.4/8.9	SP*							
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