

NO DREDGE

Boring Designation VB-FC18-37

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-FC18-37		LOCATION COORDINATES X = 672,464 Y = 1,903,597		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		13. TOTAL NUMBER CORE BOXES 2			
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER					
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 01-03-19		COMPLETED 01-03-19	
8. TOTAL DEPTH OF BORING 19.90 Ft.				16. ELEVATION TOP OF BORING -61.42 Ft.					
				17. TOTAL RECOVERY FOR BORING 95 %					
				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
-61.42	0.00						-61.4		
-62.57	1.15		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few sand to gravel-sized shell, few silt, 10Y 5/1 greenish gray (SP)		1				
			SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, few fine to coarse-grained sand-sized shell, 10Y 4/1 dark greenish gray (SP-SM)	100			Vibracore		
-65.82	4.40		From El. -64.3 to -65.8 Ft., mostly fine-grained sand-sized quartz, little sand to gravel-sized shell, few silt, 10Y 4/1 dark greenish gray		2		-64.5		
			CLAY, inorganic-H, little fine-grained sand-sized quartz, few fine to coarse-grained sand-sized shell, with intermittent silty sand layer., 10GY 5/1 greenish gray (CH)						
-70.84	9.42		From El. -70.2 to -70.8 Ft., little fine to coarse-grained sand-sized shell, few fine-grained sand-sized quartz, 10GY 5/1 greenish gray	100			Vibracore		
			SAND, silty, mostly fine-grained sand-sized shell, some silt, few fine-grained sand-sized quartz, 5GY 5/1 greenish gray (SM)						
			From El. -75.2 to -76.6 Ft., mostly sand to gravel-sized shell, little silt, few fine-grained sand-sized quartz, 5GY 4/1 dark greenish gray						

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 = 672,464 Y = 1,903,597			ELEVATION TOP OF BORING -61.4 Ft.																		
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE												
-76.62	15.20		CLAY, inorganic-L, little sand to gravel-sized shell, little fine-grained sand-sized quartz, 5GY 7/1 light greenish gray (CL)	100			Vibracore														
-78.02	16.60		SAND, clayey, some sand to gravel-sized shell, some clay, few fine-grained sand-sized quartz, 5GY 5/1 greenish gray (SC)																		
-79.02	17.60		SAND, silty, some sand to gravel-sized shell, some silt, few fine-grained sand-sized quartz, 5GY 5/1 greenish gray (SM)																		
-80.42	19.00	NR		0			-80.4														
-81.32	19.90					-81.3	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>0.0/0.5</td> <td>SP*</td> </tr> <tr> <td>1</td> <td>0.0/0.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>3.1/3.6</td> <td>SP-SM*</td> </tr> </tbody> </table>			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/0.5	SP*	1	0.0/0.5	SP*	2	3.1/3.6	SP-SM*							
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2	3.1/3.6	SP-SM*																			
*Lab visual classification based on gradation curve																					