

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		
		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83	VERTICAL NAVD88
2. BORING DESIGNATION VB-FC18-42	LOCATION COORDINATES X = 673,238 Y = 1,902,919		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.		
4. NAME OF DRILLER Talon Smith		12. TOTAL SAMPLES		
		13. TOTAL NUMBER CORE BOXES 2 14. ELEVATION GROUND WATER		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL BEARING		
6. THICKNESS OF OVERBURDEN N/A		15. DATE BORING		
7. DEPTH DRILLED INTO ROCK N/A		STARTED 01-06-19 COMPLETED 01-06-19		
8. TOTAL DEPTH OF BORING 19.89 Ft.		16. ELEVATION TOP OF BORING -57.09 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			
-57.09	0.00						-57.1					
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, trace silt, 10Y 6/1 greenish gray (SP)	100			Vibracore					
					100		1	Vibracore				
				100	2		Vibracore					
-62.70	5.61						-62.7					
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, few fine to medium-grained sand-sized shell, trace silt, 10Y 5/1 greenish gray (SP)	100	3		Vibracore					
-65.20	8.11				4		-64.7					
-66.20	9.11		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell, trace silt, 10Y 5/1 greenish gray (SP)									
			SAND, silty, mostly fine-grained sand-sized quartz, little silt, little clay, trace shell, 10Y 5/1 greenish gray (SM)	100			Vibracore					
-70.70	13.61									From El. -68.2 to -69.7 Ft., some fine-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, some silt, few clay, 10Y 5/1 greenish gray		
										From El. -69.7 to -70.7 Ft., mostly fine-grained sand-sized quartz, little silt, trace shell, 10Y 5/1 greenish gray		
-71.70	14.61		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell, 10Y 5/1 greenish gray (SP-SM)									
			SAND, silty, mostly fine-grained sand-sized									

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS																					
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LOCATION COORDINATES X = 673,238 Y = 1,902,919			ELEVATION TOP OF BORING -57.1 Ft.																								
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE																		
-73.00	15.91		quartz, some silt, trace shell, 10Y 5/1 greenish gray (SM)	100			Vibracore																				
-75.59	18.50		SILT, inorganic-L, little fine-grained sand-sized quartz, with interbedded clay seam, 5GY 5/1 greenish gray (ML)																								
-76.98	19.89	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. Lost during recovery at depth 19'-20'. 4. 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>2</td> <td>3.6/4.1</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>3.6/4.1</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>5.6/6.1</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>7.6/8.1</td> <td>SP*</td> </tr> </tbody> </table>			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	1.0/1.5	SP*	2	3.6/4.1	SP*	2	3.6/4.1	SP*	3	5.6/6.1	SP*	4	7.6/8.1	SP*							
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