



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-FC18-29		LOCATION COORDINATES X = 669,747 Y = 1,901,972		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			12. TOTAL SAMPLES	DISTURBED 4	UNDISTURBED (UD) 0
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			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 20.0 Ft.			16. ELEVATION TOP OF BORING -58.7 Ft.		
			17. TOTAL RECOVERY FOR BORING 100 %		
			18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-58.7	0.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little sand to gravel-sized shell, trace silt, 5Y 5/1 gray (SP)	100	1		Vibracore		0
-63.7	5.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, some sand to gravel-sized shell, trace silt, 10Y 6/1 greenish gray (SP)	100	2		Vibracore		5
-65.0	6.3		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few fine to coarse-grained sand-sized shell, trace silt, 10Y 5/1 greenish gray (SP)	100	3		Vibracore		10
-67.2	8.5		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace shell, trace silt, 10Y 4/1 dark greenish gray (SP)	100	4		Vibracore		
-68.0	9.3		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to medium-grained sand-sized shell, trace silt, 10Y 4/1 dark greenish gray (SP)	100			Vibracore		
-71.7	13.0		SAND, clayey, some fine-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, little clay, 5G 5/1 greenish gray (SC)	100			Vibracore		
-73.5	14.8								

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 = 669,747 Y = 1,901,972			ELEVATION TOP OF BORING -58.7 Ft.																							
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE																	
-75.5	16.8		CLAY, lean, few fine to coarse-grained sand-sized shell, few fine-grained sand-sized quartz, 5G 5/1 greenish gray (CL)	100			Vibracore																			
-77.2	18.5		SAND, silty, mostly fine to medium-grained sand-sized quartz, little fine gravel-sized shell, little silt, 10Y 6/1 greenish gray (SM)							-77.2																
-78.7	20.0			100			Vibracore (No Recovery)			-78.7																
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 18.5'-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>1</td> <td>1.0/1.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>5.0/5.5</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>8.0/8.5</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>11.0/11.5</td> <td>SP*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	1.0/1.5	SP*	1	1.0/1.5	SP*	2	5.0/5.5	SP*	3	8.0/8.5	SP*	4	11.0/11.5	SP*						
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