

<b>DRILLING LOG</b>		<b>DIVISION</b> South Atlantic	<b>INSTALLATION</b> Jacksonville District	<b>SHEET 1</b> <b>OF 2 SHEETS</b>
<b>1. PROJECT</b> Flagler HSDR Offshore Sand Sources 3A			<b>9. SIZE AND TYPE OF BIT</b> See Remarks	
<b>2. BORING DESIGNATION</b> VB-FC18-28			<b>10. COORDINATE SYSTEM/DATUM</b> State Plane, FLE (U.S. Ft.)	
<b>3. DRILLING AGENCY</b> Corps of Engineers - CESAJ			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
<b>4. NAME OF DRILLER</b>			<b>12. TOTAL SAMPLES</b> 4	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			<b>13. TOTAL NUMBER CORE BOXES</b> 2	
<b>6. THICKNESS OF OVERBURDEN</b> N/A			<b>14. ELEVATION GROUND WATER</b>	
<b>7. DEPTH DRILLED INTO ROCK</b> N/A			<b>15. DATE BORING</b> 01-01-19	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -61.6 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 100 %	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b>	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-61.6	0.0						-61.6		
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell, trace silt, 5Y 7/1 light gray (SP)	100	1		Vibracore		
				100			Vibracore		
-65.1	3.5		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to medium-grained sand-sized shell, trace silt, 5Y 6/1 gray (SP)		2		-65.6		
				100			Vibracore		
-68.6	7.0		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)		3		-68.6		
-69.1	7.5		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell, 10Y 5/1 greenish gray (SP-SM)	100			Vibracore		
-71.6	10.0		SAND, poorly-graded with silt, mostly sand to gravel-sized shell, some fine-grained sand-sized quartz, few silt, 10Y 4/1 dark greenish gray (SP-SM)		4		-71.6		
-73.4	11.8		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, few fine to medium-grained sand-sized shell, 10Y 4/1 dark greenish gray (SP-SM)	100			Vibracore		
-76.6	15.0								

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 = 669,111 Y = 1,901,275			ELEVATION TOP OF BORING -61.6 Ft.																								
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE																		
-79.8	18.2		SAND, poorly-graded with silt, mostly sand to gravel-sized shell, some quartz, few silt, 10Y 6/1 greenish gray (SP-SM)	100			Vibracore																				
-81.6	20.0		SAND, silty, mostly fine-grained sand-sized quartz, little silt, few fine to coarse-grained sand-sized shell, 10Y 4/1 dark greenish gray (SM) From El. -80.4 to -81.6 Ft., some fine-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, little silt, 10Y 4/1 dark greenish gray				-81.6																				
			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>2</td> <td>4.0/4.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>4.0/4.5</td> <td>SP*</td> </tr> <tr> <td>3</td> <td>7.0/7.5</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>10.0/10.5</td> <td>SP-SM*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	1.0/1.5	SP*	2	4.0/4.5	SP*	2	4.0/4.5	SP*	3	7.0/7.5	SP*	4	10.0/10.5	SP-SM*						
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