

<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-FC18-25		<b>10. COORDINATE SYSTEM/DATUM</b> State Plane, FLE (U.S. Ft.)		<b>HORIZONTAL</b> NAD83
<b>3. DRILLING AGENCY</b> Corps of Engineers - CESAJ		<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b>		<b>VERTICAL</b> NAVD88
<b>4. NAME OF DRILLER</b>		<b>12. TOTAL SAMPLES</b>		<input type="checkbox"/> <b>AUTO HAMMER</b> <input type="checkbox"/> <b>MANUAL HAMMER</b>
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> <b>VERTICAL</b> <input type="checkbox"/> <b>INCLINED</b>		<b>13. TOTAL NUMBER CORE BOXES</b> 2		<b>14. ELEVATION GROUND WATER</b>
<b>6. THICKNESS OF OVERBURDEN</b> N/A		<b>15. DATE BORING</b>		<b>STARTED</b> 01-01-19
<b>7. DEPTH DRILLED INTO ROCK</b> N/A		<b>16. ELEVATION TOP OF BORING</b> -57.1 Ft.		<b>COMPLETED</b> 01-01-19
<b>8. TOTAL DEPTH OF BORING</b> 20.0 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
-57.1	0.0						-57.1		
-58.1	1.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few shell, trace silt, 5Y 6/1 gray (SP)	100			Vibracore		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, some sand to gravel-sized shell, trace silt, 5Y 6/1 gray (SP)		1				
				100			Vibracore		
-62.1	5.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, trace silt, 5Y 5/1 gray (SP)		2				
				100			Vibracore		
					3				
-67.1	10.0						-65.1		
-67.9	10.8		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, few silt, 10Y 6/1 greenish gray (SP-SM)						
			CLAY, fat, little fine-grained sand-sized quartz, few fine to coarse-grained sand-sized shell, 5GY 4/1 dark greenish gray (CH)	100			Vibracore		
-69.4	12.3		SAND, silty, mostly fine-grained sand-sized quartz, little silt, few fine to medium-grained sand-sized shell, 10Y 5/1 greenish gray (SM)						
			From El. -70.4 to -71.3 Ft., some fine-grained sand-sized quartz, some sand to gravel-sized shell, little silt, 10Y 5/1 greenish gray						
			From El. -71.3 to -75.1 Ft., mostly						

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 = 669,671 Y = 1,903,365			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															
-75.1	18.0		fine-grained sand-sized quartz, little silt, trace shell, 10Y 5/1 greenish gray	100			Vibracore																	
-77.1	20.0		SAND, clayey, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell, little clay, 10Y 4/1 dark greenish gray (SC)				-77.1																	
			<p>NOTES:</p> <p>1. USACE Jacksonville is the custodian for these original files.</p> <p>2. Soils are field visually classified in accordance with the Unified Soils Classification System.</p> <p>3. Laboratory Testing Results</p> <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>5.0/5.5</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> </tbody> </table> <p>*Lab visual classification based on gradation curve</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	1.0/1.5	SP*	2	5.0/5.5	SP*	2	5.0/5.5	SP*	3	8.0/8.5	SP*						
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