

## Boring Designation VB-FC18-13

<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-FC18-13			<b>10. COORDINATE SYSTEM/DATUM</b> State Plane, FLE (U.S. Ft.)	<b>HORIZONTAL</b> NAD83 <b>VERTICAL</b> NAVD88
<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>	<b>DISTURBED</b> 4 <b>UNDISTURBED (UD)</b> 0
<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> <b>STARTED</b> 01-01-19 <b>COMPLETED</b> 01-01-19	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -57.8 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
-57.8	0.0						-57.8		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few sand to gravel-sized shell, trace silt, 10Y 5/1 greenish gray (SP)	100	1		Vibracore		
							-58.8		
				100			Vibracore		
-62.8	5.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, trace silt, 10Y 5/1 greenish gray (SP)		2		-62.8		
-64.8	7.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell, trace silt, 10Y 5/1 greenish gray (SP)	100			Vibracore		
					3		-66.8		
-67.8	10.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little fine to coarse-grained sand-sized shell, trace silt, 10Y 5/2 dark greenish gray (SP)	100			Vibracore		
-70.1	12.3		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fine to medium-grained sand-sized shell, trace silt, 10Y 5/2 dark greenish gray (SP)		4		-71.8		
-72.8	15.0			100			Vibracore		

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 = 666,850 Y = 1,903,160			ELEVATION TOP OF BORING -57.8 Ft.																								
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE																		
-77.8	20.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell, 10Y 5/2 dark greenish gray (SP-SM)	100			Vibracore																				
			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>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>9.0/9.5</td> <td>SP*</td> </tr> <tr> <td>4</td> <td>14.0/14.5</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	9.0/9.5	SP*	4	14.0/14.5	SP*						
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