

## Boring Designation VB-MCSP06-21

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District		SHEET 1 OF 2 SHEETS			
<b>1. PROJECT</b> Martin County, FL BEC Borrow Area				<b>9. SIZE AND TYPE OF BIT</b> See Remarks					
<b>2. BORING DESIGNATION</b> VB-MCSP06-21		<b>LOCATION COORDINATES</b> X = 954,126 Y = 1,039,928		<b>10. COORDINATE SYSTEM/DATUM</b> State Plane, FLE (U.S. Ft.)		<b>HORIZONTAL</b> NAD83	<b>VERTICAL</b> MLW		
<b>3. DRILLING AGENCY</b> Corps of Engineers - CESAW		<b>CONTRACTOR FILE NO.</b>		<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> Alpine 270 Vibracore on D/B Snell		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER			
<b>4. NAME OF DRILLER</b> L. Gaughf				<b>12. TOTAL SAMPLES</b>		<b>DISTURBED</b> 1	<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> 1		<b>14. ELEVATION GROUND WATER</b> N/A			
<b>6. THICKNESS OF OVERBURDEN</b> N/A		<b>DEG. FROM VERTICAL</b>		<b>15. DATE BORING</b>		<b>STARTED</b> 07-17-06	<b>COMPLETED</b> 07-17-06		
<b>7. DEPTH DRILLED INTO ROCK</b> N/A		<b>BEARING</b>		<b>16. ELEVATION TOP OF BORING</b> -54.2 Ft.		<b>17. TOTAL RECOVERY FOR BORING</b> 25 %			
<b>8. TOTAL DEPTH OF BORING</b> 13.0 Ft.				<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> Robert DiRienzo, Geotechnical Engineer					
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-54.2	0.0		SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace fine to coarse-grained sand-sized shell, 2.5Y 5/1 gray (SM)		1		-54.2		
-57.5	3.3		From El. -55.8 to -56.0 Ft., few fine to coarse-grained sand-sized shell At El. -56.6 Ft., few sand to gravel-sized shell up to 1-1/4"						
-67.2	13.0	NO RECOVERY		25			Vibracore		
			NOTES: 1. USACE Jacksonville is the custodian for these original files.						

DRILLING LOG (Cont. Sheet)			INSTALLATION			SHEET 2 OF 2 SHEETS									
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			2. Soils are field visually classified in accordance with the Unified Soils Classification System.  3. Elevation based on predicted tide  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>0.0/0.5</td> <td>SM*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/0.5	SM*						
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