

Boring Designation VB-MCSP06-30

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-MCSP06-30		<b>LOCATION COORDINATES</b> X = 952,187 Y = 1,025,632		<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> 2	<b>UNDISTURBED (UD)</b> 0
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		<b>DEG. FROM VERTICAL</b>	<b>BEARING</b>	<b>13. TOTAL NUMBER CORE BOXES</b>		1	
<b>6. THICKNESS OF OVERBURDEN</b>		N/A		<b>14. ELEVATION GROUND WATER</b>		N/A	
<b>7. DEPTH DRILLED INTO ROCK</b>		N/A		<b>15. DATE BORING</b>		<b>STARTED</b> 07-17-06	<b>COMPLETED</b> 07-17-06
<b>8. TOTAL DEPTH OF BORING</b>		12.0 Ft.		<b>16. ELEVATION TOP OF BORING</b>		-41.0 Ft.	
				<b>17. TOTAL RECOVERY FOR BORING</b>		58 %	
				<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
-41.0	0.0						-41.0		
		•••••	SAND, poorly-graded, mostly fine-grained sand-sized quartz, some fine to coarse-grained sand-sized shell, 2.5Y 3/2 very dark grayish brown (SP)	100	1		Vibracore		
-44.2	3.2	•••••					-44.2		
		•••••	SHELL, mostly fine to coarse-grained sand-sized shell, little fine-grained sand-sized quartz, 2.5Y 4/2 dark grayish brown		3				
		•••••	From El. -45.2 to -45.8 Ft., trace silt, 2.5Y 4/1 dark gray						
		•••••	At El. -46.6 Ft., 2.5Y 3/1 very dark gray						
-47.9	6.9	•••••	At El. -47.6 Ft., 2.5Y 4/1 dark gray						
		•••••		42			Vibracore		
		•••••							
-53.0	12.0	•••••					-53.0		
		•••••	NO RECOVERY						
		•••••	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.						

DRILLING LOG (Cont. Sheet)			INSTALLATION			SHEET 2 OF 2 SHEETS												
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ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
			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>SP*</td> </tr> <tr> <td>2</td> <td>/12.0</td> <td>SP*</td> </tr> </tbody> </table>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/0.5	SP*	2	/12.0	SP*						
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			*Lab visual classification based on gradation curve. No Atterberg limits.															