

Boring Designation VB-MCSP06-18

<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> Martin County, FL BEC Borrow Area				<b>9. SIZE AND TYPE OF BIT</b> See Remarks					
<b>2. BORING DESIGNATION</b> VB-MCSP06-18		<b>LOCATION COORDINATES</b> X = 953,986 Y = 1,061,133		<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"/> <b>AUTO HAMMER</b>	<input type="checkbox"/> <b>MANUAL HAMMER</b>		
<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"/> <b>VERTICAL</b> <input type="checkbox"/> <b>INCLINED</b>				<b>13. TOTAL NUMBER CORE BOXES</b> 2		<b>14. ELEVATION GROUND WATER</b> N/A			
<b>6. THICKNESS OF OVERBURDEN</b> N/A				<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>16. ELEVATION TOP OF BORING</b> -52.7 Ft.		<b>17. TOTAL RECOVERY FOR BORING</b> 31 %			
<b>8. TOTAL DEPTH OF BORING</b> 14.0 Ft.				<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> Robert DiRienzo, Geotechnical Engineer					
<b>ELEV.</b>	<b>DEPTH</b>	<b>LEGEND</b>	<b>CLASSIFICATION OF MATERIALS</b>	<b>% REC.</b>	<b>BOX OR SAMPLE</b>	<b>RQD OR UD</b>	<b>REMARKS</b>	<b>BLOWS/1 FT.</b>	<b>N-VALUE</b>
-52.7	0.0						-52.7		
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 1/2", 2.5Y 3/1 very dark gray (SP)		1				
			From El. -55.9 to -56.5 Ft., trace clay, 2.5Y 5/1 gray						
-57.1	4.4		At El. -57.0 Ft., trace silt						
				31			Vibracore		
		NO RECOVERY							
-66.7	14.0						-66.7		
NOTES:									

DRILLING LOG (Cont. Sheet)			INSTALLATION			SHEET 2 OF 2 SHEETS									
PROJECT			COORDINATE SYSTEM/DATUM		HORIZONTAL	VERTICAL									
Martin County, FL BEC			State Plane, FLE (U.S. Ft.)		NAD83	MLW									
LOCATION COORDINATES			ELEVATION TOP OF BORING												
X = 953,986 Y = 1,061,133			-52.7 Ft.												
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE						
			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. 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> </tbody> </table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/0.5	SP*						
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