

Boring Designation VB-MCSP06-29

<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-MCSP06-29			<b>10. COORDINATE SYSTEM/DATUM</b> State Plane, FLE (U.S. Ft.)		<b>HORIZONTAL</b> NAD83
<b>3. DRILLING AGENCY</b> Corps of Engineers - CESAW			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> Alpine 270 Vibracore on D/B Snell		<b>VERTICAL</b> MLW
<b>4. NAME OF DRILLER</b> L. Gaughf			<b>12. TOTAL SAMPLES</b>		<b>DISTURBED</b> 2
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			<b>13. TOTAL NUMBER CORE BOXES</b> 2		<b>UNDISTURBED (UD)</b> 0
<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> 07-17-06		<b>STARTED</b> 07-17-06
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -48.2 Ft.		<b>COMPLETED</b> 07-17-06
			<b>17. TOTAL RECOVERY FOR BORING</b> 37 %		
			<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
-48.2	0.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, few fine to coarse-grained sand-sized shell, 2.5Y 6/1 gray (SP-SM)		1		-48.2		0
			At El. -51.9 Ft., 2.5Y 5/1 gray	100			Vibracore		
			At El. -54.2 Ft., trace fine to coarse-grained sand-sized shell		2		-51.9		5
-55.6	7.4								
		NO RECOVERY		23			Vibracore		10
									15

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS												
PROJECT Martin County, FL BEC			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW												
LOCATION COORDINATES X = 954,262 Y = 1,027,812			ELEVATION TOP OF BORING -48.2 Ft.															
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
-68.2	20.0	NO RECOVERY		23			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. 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-SM*</td> </tr> <tr> <td>2</td> <td>3.7/4.2</td> <td>SP-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	SP-SM*	2	3.7/4.2	SP-SM*						
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