

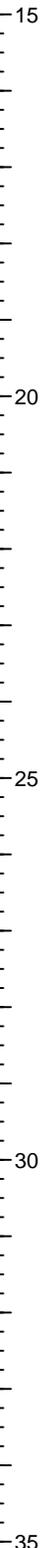
Boring Designation VB-SJSP06-1

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-1		LOCATION COORDINATES X = 578,464 Y = 2,026,056	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Alpine 270 Vibracore on D/B Snell <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 3 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-14-06 COMPLETED 06-14-06		
8. TOTAL DEPTH OF BORING 14.0 Ft.		16. ELEVATION TOP OF BORING -43.8 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-43.8	0.0						-43.8		
-45.3	1.5		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace sand to gravel-sized shell, 10YR 5/2 grayish brown (SP-SM)	NR	1		Vibracore		
-48.8	5.0		SILT, inorganic-L, medium plasticity, little fine-grained sand-sized sand, trace medium to coarse-grained sand-sized shell, 10GY 3/1 very dark greenish gray (ML)	NR	2		Vibracore		
-49.6	5.8		SAND, silty, low plasticity, mostly fine-grained sand-sized quartz, some silt, little sand to gravel-sized shell up to 3/4", 5GY 4/1 dark greenish gray (SM) CLAY, fat, medium plasticity, little fine-grained sand-sized quartz, trace medium to coarse-grained sand-sized shell, 5GY 3/1 very dark greenish gray (CH)	NR	3		Vibracore		
-53.8	10.0								
-54.8	11.0		SAND, silty, low plasticity, mostly fine to medium-grained sand-sized quartz, little sand to gravel-sized shell up to 3/4", little silt, 10Y 4/1 dark greenish gray (SM)						
-57.8	14.0		SAND, poorly-graded with silt, mostly sand to gravel-sized limestone up to 1", little fine-grained sand-sized quartz, few silt, trace medium to coarse-grained sand-sized shell, 10Y 6/1 greenish gray (SP-SM)						
NOTES:							Abbreviations: NR = Not Recorded.		

Boring Designation VB-SJSP06-1

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District				SHEET 2 OF 2 SHEETS														
PROJECT St. Johns County, FL SPP			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL MLW														
LOCATION COORDINATES X = 578,464 Y = 2,026,056			ELEVATION TOP OF BORING -43.8 Ft.																		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE												
			<p>1. USACE Jacksonville is the custodian for these original files.</p> <p>2. Soils are field visually classified in accordance with the Unified Soils Classification System.</p> <p>3. Elevation based on predicted tide</p> <p>4. Laboratory Testing Results</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">SAMPLE ID</th> <th style="text-align: left;">SAMPLE DEPTH</th> <th style="text-align: left;">LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.0/1.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>1.5/5.0</td> <td>ML*</td> </tr> <tr> <td>3</td> <td>5.0/5.8</td> <td>SM*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/1.5	SP*	2	1.5/5.0	ML*	3	5.0/5.8	SM*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																			
1	0.0/1.5	SP*																			
2	1.5/5.0	ML*																			
3	5.0/5.8	SM*																			



Boring Designation VB-SJSP06-10

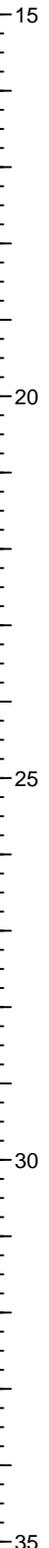
<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-10		LOCATION COORDINATES X = 580,682 Y = 2,049,604	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 4 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-15-06 COMPLETED 06-15-06		
8. TOTAL DEPTH OF BORING 14.0 Ft.		16. ELEVATION TOP OF BORING -46.8 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-46.8	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10YR 6/1 gray (SP)	NR	1		Vibracore		0
-50.8	4.0		SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace medium-grained sand-sized shell, 10Y 4/1 dark greenish gray (SM)		2				5
-54.3	7.5		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP-SM)		3				
-55.8	9.0		SAND, silty, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 1/2", little silt, 5GY 5/1 greenish gray (SM)		4				10
-57.8	11.0		SAND, silty, mostly sand to gravel-sized shell up to 1', some fine-grained sand-sized quartz, little silt, 10Y 4/1 dark greenish gray (SM)						
-60.8	14.0								
NOTES:							Abbreviations: NR = Not Recorded.		

Boring Designation VB-SJSP06-10

<b>DRILLING LOG (Cont. Sheet)</b>	INSTALLATION Jacksonville District	SHEET 2 OF 2 SHEETS
PROJECT St. Johns County, FL SPP	COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
LOCATION COORDINATES X = 580,682 Y = 2,049,604	VERTICAL MLW	
		ELEVATION TOP OF BORING -46.8 Ft.

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD 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 style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">SAMPLE ID</th> <th style="text-align: left;">SAMPLE DEPTH</th> <th style="text-align: left;">LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.0/4.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>4.0/7.0</td> <td>SM*</td> </tr> <tr> <td>3</td> <td>7.5/9.0</td> <td>SP-SM*</td> </tr> <tr> <td>4</td> <td>9.0/11.0</td> <td>SM*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/4.0	SP*	2	4.0/7.0	SM*	3	7.5/9.0	SP-SM*	4	9.0/11.0	SM*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																						
1	0.0/4.0	SP*																						
2	4.0/7.0	SM*																						
3	7.5/9.0	SP-SM*																						
4	9.0/11.0	SM*																						



Boring Designation VB-SJSP06-11

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-11		LOCATION COORDINATES X = 591,787 Y = 2,049,578	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 1 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-15-06 COMPLETED 06-15-06		
8. TOTAL DEPTH OF BORING 5.0 Ft.		16. ELEVATION TOP OF BORING -44.6 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE						
-44.6	0.0						-44.6								
-46.6	2.0	[Dotted Pattern]	SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 6/1 gray (SP)				Vibracore								
-49.6	5.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10YR 7/1 light gray (SP)	NR	1										
			<p>NOTES:</p> <ol style="list-style-type: none"> <li>USACE Jacksonville is the custodian for these original files.</li> <li>Soils are field visually classified in accordance with the Unified Soils Classification System.</li> <li>Elevation based on predicted tide</li> <li>Laboratory Testing Results</li> </ol> <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>0.0/5.0</td> <td>SP*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/5.0	SP*				Abbreviations: NR = Not Recorded.		
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION													
1	0.0/5.0	SP*													

Boring Designation VB-SJSP06-12

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-12		LOCATION COORDINATES X = 592,152 Y = 2,055,035	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES 2		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-15-06 COMPLETED 06-15-06		
8. TOTAL DEPTH OF BORING 6.0 Ft.		16. ELEVATION TOP OF BORING -48.1 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
-48.1	0.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace medium-grained sand-sized shell, 10Y 4/1 dark greenish gray (SP-SM)	NR	1		Vibracore		0									
-50.5	2.4		SAND, silty, low plasticity, mostly fine-grained sand-sized quartz, some silt, trace shell, 5G 4/1 dark greenish gray (SM)	NR	2		Vibracore		5									
-54.1	6.0		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"> <tr> <th>SAMPLE ID</th> <th>SAMPLE DEPTH</th> <th>LABORATORY CLASSIFICATION</th> </tr> <tr> <td>1</td> <td>0.0/2.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>2.5/6.0</td> <td>SM*</td> </tr> </table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/2.0	SP*	2	2.5/6.0	SM*				Abbreviations: NR = Not Recorded.		10
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/2.0	SP*																
2	2.5/6.0	SM*																

Boring Designation VB-SJSP06-13

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-13		LOCATION COORDINATES X = 578,710 Y = 2,061,525	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 1 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-15-06 COMPLETED 06-15-06		
8. TOTAL DEPTH OF BORING 4.0 Ft.		16. ELEVATION TOP OF BORING -41.8 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE						
-41.8	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10YR 6/1 gray (SP)				-41.8								
				NR	1		Vibracore								
-45.8	4.0						-45.8								
			<p>NOTES:</p> <ol style="list-style-type: none"> <li>USACE Jacksonville is the custodian for these original files.</li> <li>Soils are field visually classified in accordance with the Unified Soils Classification System.</li> <li>Elevation based on predicted tide</li> <li>Laboratory Testing Results</li> </ol> <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>0.0/4.0</td> <td>SP*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/4.0	SP*				Abbreviations: NR = Not Recorded.		
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION													
1	0.0/4.0	SP*													

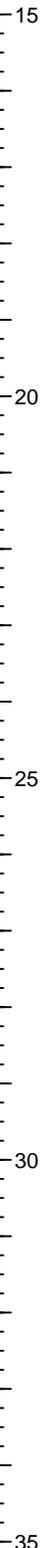
Boring Designation VB-SJSP06-14

<b>DRILLING LOG</b>		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS	
1. PROJECT St. Johns County, FL SPP Borrow Area				9. SIZE AND TYPE OF BIT See Remarks				
2. BORING DESIGNATION VB-SJSP06-14		LOCATION COORDINATES X = 579,511 Y = 2,067,291		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW	
3. DRILLING AGENCY Corps of Engineers - CESAJ			CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell		<input type="checkbox"/> AUTO HAMMER	<input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES		DISTURBED 2	UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	BEARING		13. TOTAL NUMBER CORE BOXES 0		14. ELEVATION GROUND WATER N/A	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 06-15-06	COMPLETED 06-15-06	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -46.6 Ft.		17. TOTAL RECOVERY FOR BORING Not Recorded		
8. TOTAL DEPTH OF BORING 10.0 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR				

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-46.6	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few sand to gravel-sized shell up to 3/8", trace medium-grained sand-sized shell, 10YR 6/1 gray (SP)	NR	1		Vibracore		0
-49.1	2.5		SAND, silty, mostly fine-grained sand-sized quartz, little silt, 10Y 4/1 dark greenish gray (SM)						
			At El. -52.1 Ft., some fine-grained sand-sized quartz, some sand to gravel-sized shell up to 3/4", little silt, 5GY 4/1 dark greenish gray	NR	2		Vibracore		5
			At El. -54.1 Ft., medium plasticity, some fine-grained sand-sized quartz, some silt, little sand to gravel-sized shell up to 3/8", 10GY 4/1 dark greenish gray						
-56.6	10.0								10
			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			Abbreviations: NR = Not Recorded.			
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION							

Boring Designation VB-SJSP06-14

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS			
PROJECT St. Johns County, FL SPP			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW			
LOCATION COORDINATES X = 579,511 Y = 2,067,291			ELEVATION TOP OF BORING -46.6 Ft.						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			1      0.0/2.5      SP* 2      2.5/10.0      SP-SM*  *Lab visual classification based on gradation curve. No Atterberg limits.						



Boring Designation VB-SJSP06-15

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-15		LOCATION COORDINATES X = 581,618 Y = 2,071,004	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 2 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-15-06 COMPLETED 06-15-06		
8. TOTAL DEPTH OF BORING 7.0 Ft.		16. ELEVATION TOP OF BORING -41.7 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
-41.7	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 6/1 gray (SP)	NR	1		Vibracore		0									
-47.2	5.5		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few sand to gravel-sized shell up to 3/4", few silt, 10YR 5/1 gray (SP-SM)	NR	2		Vibracore		5									
-48.7	7.0		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"> <tr> <th>SAMPLE ID</th> <th>SAMPLE DEPTH</th> <th>LABORATORY CLASSIFICATION</th> </tr> <tr> <td>1</td> <td>0.0/5.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>5.5/7.0</td> <td>SP*</td> </tr> </table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/5.0	SP*	2	5.5/7.0	SP*				Abbreviations: NR = Not Recorded.		10
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/5.0	SP*																
2	5.5/7.0	SP*																

Boring Designation VB-SJSP06-16

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-16		LOCATION COORDINATES X = 594,464 Y = 1,974,525	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 3 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 07-27-06 COMPLETED 07-27-06		
8. TOTAL DEPTH OF BORING 6.9 Ft.		16. ELEVATION TOP OF BORING -56.8 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-56.8	0.0								
-57.8	1.0		SAND, silty, medium plasticity, mostly fine-grained sand-sized quartz, some silt, few sand to gravel-sized shell up to 3/8", 5Y 4/1 dark gray (SM)	NR	1		Vibracore		0
-60.8	4.0		SILT, inorganic-L, high plasticity, some sand to gravel-sized shell up to 3/8", little fine-grained sand-sized quartz, 5GY 4/1 dark greenish gray (ML)		2				
-63.7	6.9		SAND, poorly-graded with silt, some fine to coarse gravel-sized limestone up to 3/4", some fine to medium-grained sand-sized quartz, few silt, 10Y 6/1 greenish gray (SP-SM)		3				5
NOTES:			Abbreviations: NR = Not Recorded.						
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									
SAMPLE ID			SAMPLE DEPTH			LABORATORY CLASSIFICATION			
1			0.0/1.0			SM*			
2			1.0/4.0			SM*			
3			4.0/6.5			SM*			
*Lab visual classification based on gradation curve. No Atterberg limits.									

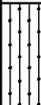
Boring Designation VB-SJSP06-17

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-17		LOCATION COORDINATES X = 594,554 Y = 1,971,477	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 1 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 07-27-06 COMPLETED 07-27-06		
8. TOTAL DEPTH OF BORING 6.3 Ft.		16. ELEVATION TOP OF BORING -56.1 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-56.1	0.0		SILT, inorganic-L, medium plasticity, little sand to gravel-sized shell up to 3/4", few fine-grained sand-sized quartz, 5GY 4/1 dark greenish gray (ML)		1		Vibracore		
-62.4	6.3		At El. -61.4 Ft., medium plasticity, little fine-grained sand-sized quartz, few medium to coarse-grained sand-sized shell, 5GY 4/1 dark greenish gray	NR			Abbreviations: NR = Not Recorded.		
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									
SAMPLE ID			SAMPLE DEPTH			LABORATORY CLASSIFICATION			
1			0.0/5.0			SM*			
*Lab visual classification based on gradation curve. No Atterberg limits.									

Boring Designation VB-SJSP06-18

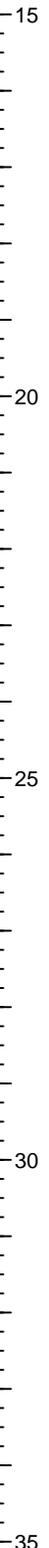
<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-18		LOCATION COORDINATES X = 597,477 Y = 1,971,908	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES 3		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 07-27-06 COMPLETED 07-27-06		
8. TOTAL DEPTH OF BORING 10.8 Ft.		16. ELEVATION TOP OF BORING -57.5 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-57.5	0.0						-57.5		
			SAND, silty, low plasticity, some fine-grained sand-sized quartz, some silt, few sand to gravel-sized shell up to 3/8", 10Y 4/1 dark greenish gray (SM)	NR	1		Vibracore		0
-59.0	1.5						-59.0		
			SILT, inorganic-L, medium plasticity, little fine-grained sand-sized quartz, few sand to gravel-sized shell up to 3/8", 5GY 4/1 dark greenish gray (ML)	NR	2		Vibracore		5
-63.3	5.8						-63.5		
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, little sand to gravel-sized limestone up to 1/2", 10YR 5/1 gray (SP)	NR			Vibracore		10
-68.3	10.8				3		-68.3		
			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				Abbreviations: NR = Not Recorded.		15

Boring Designation VB-SJSP06-18

<b>DRILLING LOG (Cont. Sheet)</b>	INSTALLATION Jacksonville District	SHEET 2 OF 2 SHEETS
PROJECT St. Johns County, FL SPP	COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
LOCATION COORDINATES X = 597,477 Y = 1,971,908	VERTICAL MLW	
		ELEVATION TOP OF BORING -57.5 Ft.

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE													
			<table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:10%;">SAMPLE ID</th> <th style="width:15%;">SAMPLE DEPTH</th> <th style="width:75%;">LABORATORY CLASSIFICATION</th> </tr> <tr> <td>1</td> <td>0.0/1.5</td> <td>SM*</td> </tr> <tr> <td>2</td> <td>1.5/5.0</td> <td>SM*</td> </tr> <tr> <td>3</td> <td>6.0/16.0</td> <td>SP-SM*</td> </tr> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/1.5	SM*	2	1.5/5.0	SM*	3	6.0/16.0	SP-SM*		3					
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																				
1	0.0/1.5	SM*																				
2	1.5/5.0	SM*																				
3	6.0/16.0	SP-SM*																				



Boring Designation VB-SJSP06-19

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-19		LOCATION COORDINATES X = 616,617 Y = 1,954,212	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 2 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-16-06 COMPLETED 06-16-06		
8. TOTAL DEPTH OF BORING 6.0 Ft.		16. ELEVATION TOP OF BORING -54.2 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE									
-54.2	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10YR 6/2 light brownish gray (SP)	NR	1		Vibracore											
-56.2	2.0		SAND, silty, mostly fine-grained sand-sized quartz, little silt, few sand to gravel-sized shell up to 3/8", 5GY 5/1 greenish gray (SM)	NR	2		Vibracore											
-60.2	6.0		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				Abbreviations: NR = Not Recorded.											
			<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>0.0/2.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>2.0/6.0</td> <td>SP-SM*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/2.0	SP*	2	2.0/6.0	SP-SM*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/2.0	SP*																
2	2.0/6.0	SP-SM*																

Boring Designation VB-SJSP06-2

<b>DRILLING LOG</b>		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS	
1. PROJECT St. Johns County, FL SPP Borrow Area				9. SIZE AND TYPE OF BIT See Remarks				
2. BORING DESIGNATION VB-SJSP06-2		LOCATION COORDINATES X = 577,571 Y = 2,022,117		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW	
3. DRILLING AGENCY Corps of Engineers - CESAJ			CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell		<input type="checkbox"/> AUTO HAMMER	<input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES 4		DISTURBED 4	UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	BEARING		13. TOTAL NUMBER CORE BOXES 0			
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER N/A				
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING STARTED 06-14-06 COMPLETED 06-14-06				
8. TOTAL DEPTH OF BORING 15.0 Ft.				16. ELEVATION TOP OF BORING -32.4 Ft.				
				17. TOTAL RECOVERY FOR BORING Not Recorded				
				18. SIGNATURE AND TITLE OF INSPECTOR				

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-32.4	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, 10YR 6/2 light brownish gray (SP)						
				NR	1		Vibracore		
-34.9	2.5		SAND, silty, mostly fine-grained sand-sized quartz, little silt, 5GY 5/1 greenish gray (SM)						
				NR	2		Vibracore		
-35.9	3.5		SILT, inorganic-L, some fine-grained sand-sized quartz, 10G 4/1 dark greenish gray (ML)						
				NR	3		Vibracore		
-37.4	5.0		SAND, silty, mostly fine-grained sand-sized quartz, some silt, 10G 5/1 greenish gray (SM)						
					4				
-38.9	6.5		SILT, inorganic-L, some fine-grained sand-sized quartz, 10G 4/1 dark greenish gray (ML)						
				NR			Vibracore		
-43.9	11.5		SAND, silty, mostly fine-grained sand-sized quartz, some silt, 10BG 4/1 dark greenish gray (SM)						
-47.4	15.0								

Boring Designation VB-SJSP06-2

<b>DRILLING LOG (Cont. Sheet)</b>		INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS																			
PROJECT St. Johns County, FL SPP		COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83	VERTICAL MLW																				
LOCATION COORDINATES X = 577,571 Y = 2,022,117		ELEVATION TOP OF BORING -32.4 Ft.																						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE															
			<p>NOTES:</p> <ol style="list-style-type: none"> <li>1. USACE Jacksonville is the custodian for these original files.</li> <li>2. Soils are field visually classified in accordance with the Unified Soils Classification System.</li> <li>3. Elevation based on predicted tide</li> <li>4. Laboratory Testing Results</li> </ol> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">SAMPLE ID</th> <th style="text-align: left;">SAMPLE DEPTH</th> <th style="text-align: left;">LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1.0/2.5</td> <td>SP-SM*</td> </tr> <tr> <td>2</td> <td>2.5/3.5</td> <td>SP-SM*</td> </tr> <tr> <td>3</td> <td>3.5/5.0</td> <td>SM*</td> </tr> <tr> <td>4</td> <td>5.5/6.5</td> <td>ML*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	1.0/2.5	SP-SM*	2	2.5/3.5	SP-SM*	3	3.5/5.0	SM*	4	5.5/6.5	ML*				<p>Abbreviations: NR = Not Recorded.</p>		
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																						
1	1.0/2.5	SP-SM*																						
2	2.5/3.5	SP-SM*																						
3	3.5/5.0	SM*																						
4	5.5/6.5	ML*																						

15  
20  
25  
30  
35

Boring Designation VB-SJSP06-20

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT <b>See Remarks</b>		
2. BORING DESIGNATION VB-SJSP06-20		LOCATION COORDINATES X = 616,320 Y = 1,959,437	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED: 1 UNDISTURBED (UD): 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES: 0	
6. THICKNESS OF OVERBURDEN: N/A		BEARING	14. ELEVATION GROUND WATER: N/A	
7. DEPTH DRILLED INTO ROCK: N/A		15. DATE BORING STARTED: 06-16-06 COMPLETED: 06-16-06		
8. TOTAL DEPTH OF BORING: 5.0 Ft.		16. ELEVATION TOP OF BORING: -50.7 Ft.		
		17. TOTAL RECOVERY FOR BORING: Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE						
-50.7	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10YR 7/1 light gray (SP)				-50.7		0						
-53.7	3.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, trace medium-grained sand-sized shell, 10Y 6/1 greenish gray (SP)	NR	1		Vibracore								
-55.7	5.0						-55.7		5						
			<p>NOTES:</p> <ol style="list-style-type: none"> <li>USACE Jacksonville is the custodian for these original files.</li> <li>Soils are field visually classified in accordance with the Unified Soils Classification System.</li> <li>Elevation based on predicted tide</li> <li>Laboratory Testing Results</li> </ol> <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>0.0/5.0</td> <td>SP*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/5.0	SP*				<p>Abbreviations: NR = Not Recorded.</p>		10
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION													
1	0.0/5.0	SP*													

Boring Designation VB-SJSP06-21

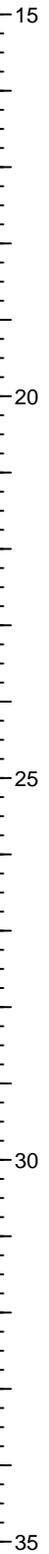
<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-21		LOCATION COORDINATES X = 615,797 Y = 1,968,333	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 3 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-16-06 COMPLETED 06-16-06		
8. TOTAL DEPTH OF BORING 9.0 Ft.		16. ELEVATION TOP OF BORING -53.3 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-53.3	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10YR 6/1 gray (SP)				-53.3		
-55.5	2.2		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium to coarse-grained sand-sized shell, 10Y 6/1 greenish gray (SP)	NR	1		Vibracore		
-57.3	4.0		SAND, silty, mostly fine-grained sand-sized quartz, little silt, few sand to gravel-sized shell up to 3/8", 10Y 4/1 dark greenish gray (SM)	NR	2		Vibracore		
-58.6	5.3		CLAY, fat, few fine-grained sand-sized quartz, 10Y 3/1 very dark greenish gray (CH)				-58.8		
-62.3	9.0		SAND, silty, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 3/4", little silt, 5GY 5/1 greenish gray (SM)	NR	3		Vibracore		
NOTES:			Abbreviations: NR = Not Recorded.						
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									
	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION						
	1	0.0/4.0	SP*						
	2	4.0/5.0	SP-SM*						
	3	5.5/9.0	SP-SM*						

Boring Designation VB-SJSP06-21

<b>DRILLING LOG (Cont. Sheet)</b>	INSTALLATION Jacksonville District		SHEET 2 OF 2 SHEETS
PROJECT St. Johns County, FL SPP	COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83	VERTICAL MLW
LOCATION COORDINATES X = 615,797 Y = 1,968,333	ELEVATION TOP OF BORING -53.3 Ft.		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			*Lab visual classification based on gradation curve. No Atterberg limits.						



Boring Designation VB-SJSP06-22

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-22		LOCATION COORDINATES X = 616,414 Y = 1,974,089	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 2 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-16-06 COMPLETED 06-16-06		
8. TOTAL DEPTH OF BORING 8.0 Ft.		16. ELEVATION TOP OF BORING -50.1 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
-50.1	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10YR 7/1 light gray (SP)	NR	1		-50.1  Vibracore		0									
-55.3	5.2		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP-SM)	NR	2		-55.6  Vibracore		5									
-58.1	8.0		At El. -56.9 Ft., mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 3/8", few silt, 2.5Y 6/3 light yellowish brown				-58.1											
			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>0.0/5.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>5.5/8.0</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	0.0/5.0	SP*	2	5.5/8.0	SP-SM*				Abbreviations: NR = Not Recorded.		10
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/5.0	SP*																
2	5.5/8.0	SP-SM*																

Boring Designation VB-SJSP06-23

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-23		LOCATION COORDINATES X = 616,569 Y = 1,981,482	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 2 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-16-06 COMPLETED 06-16-06		
8. TOTAL DEPTH OF BORING 7.0 Ft.		16. ELEVATION TOP OF BORING -51.8 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-51.8	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 7/1 light gray (SP)				-51.8		0
-53.4	1.6		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little medium to coarse-grained sand-sized shell, 10YR 7/1 light gray (SP)		1				
-54.5	2.7		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 7/1 light gray (SP)	NR			Vibracore		
-56.8	5.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few sand to gravel-sized shell up to 3/8", 2.5Y 5/1 gray (SP)				-57.8		5
-57.5	5.7		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP-SM)	NR	2		Vibracore		
-58.8	7.0						-58.8		
NOTES:			Abbreviations: NR = Not Recorded.						
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									
SAMPLE ID			SAMPLE DEPTH			LABORATORY CLASSIFICATION			
1			0.0/5.0			SP*			
2			6.0/7.0			SP*			
*Lab visual classification based on gradation curve. No Atterberg limits.									

Boring Designation VB-SJSP06-24

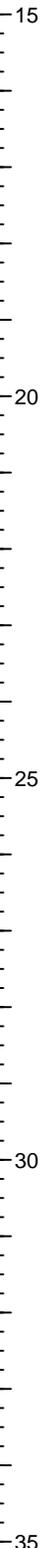
<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-24		LOCATION COORDINATES X = 608,068 Y = 1,981,665	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES 3		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 07-27-06 COMPLETED 07-27-06		
8. TOTAL DEPTH OF BORING 10.8 Ft.		16. ELEVATION TOP OF BORING -54.6 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-54.6	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP)	NR	1		-54.6 Vibracore		0
-56.8	2.2		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few medium to coarse-grained sand-sized shell, few silt, 10Y 4/1 dark greenish gray (SP-SM)	NR	2		-57.1 Vibracore		
-58.7	4.1		SAND, silty, mostly fine-grained sand-sized quartz, little silt, little sand to gravel-sized shell up to 3/8", 10Y 4/1 dark greenish gray (SM)		3		-59.1		5
-60.9	6.3		At El. -59.9 Ft., low plasticity, some fine-grained sand-sized quartz, some sand to gravel-sized shell up to 1/2", some silt, 5G 4/1 dark greenish gray						
-61.8	7.2		CLAY, fat, high plasticity, few fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 5G 5/1 greenish gray (CH)						
-65.4	10.8		SAND, silty, mostly fine to medium-grained sand-sized quartz, little sand to gravel-sized shell up to 1/2", little silt, 5GY 6/1 greenish gray (SM)	NR			-65.4 Vibracore		10
NOTES:			Abbreviations: NR = Not Recorded.						
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									

Boring Designation VB-SJSP06-24

<b>DRILLING LOG (Cont. Sheet)</b>	INSTALLATION Jacksonville District	SHEET 2 OF 2 SHEETS
PROJECT St. Johns County, FL SPP	COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
LOCATION COORDINATES X = 608,068 Y = 1,981,665	VERTICAL MLW	
		ELEVATION TOP OF BORING -54.6 Ft.

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE												
			<table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:10%;">SAMPLE ID</th> <th style="width:15%;">SAMPLE DEPTH</th> <th style="width:75%;">LABORATORY CLASSIFICATION</th> </tr> <tr> <td>1</td> <td>0.0/2.0</td> <td>SP-SM*</td> </tr> <tr> <td>2</td> <td>2.5/4.0</td> <td>SP-SM*</td> </tr> <tr> <td>3</td> <td>4.5/6.0</td> <td>SP-SM*</td> </tr> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/2.0	SP-SM*	2	2.5/4.0	SP-SM*	3	4.5/6.0	SP-SM*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																			
1	0.0/2.0	SP-SM*																			
2	2.5/4.0	SP-SM*																			
3	4.5/6.0	SP-SM*																			



Boring Designation VB-SJSP06-25

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District		SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area			9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-25		LOCATION COORDINATES X = 606,132 Y = 1,987,840	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83	VERTICAL MLW
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Alpine 270 Vibracore on D/B Snell <input type="checkbox"/> MANUAL HAMMER		
4. NAME OF DRILLER L. Gaughf			12. TOTAL SAMPLES	DISTURBED 3	UNDISTURBED (UD) 0
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			13. TOTAL NUMBER CORE BOXES	0	
6. THICKNESS OF OVERBURDEN N/A			14. ELEVATION GROUND WATER	N/A	
7. DEPTH DRILLED INTO ROCK N/A			15. DATE BORING	STARTED 07-27-06	COMPLETED 07-27-06
8. TOTAL DEPTH OF BORING 7.3 Ft.			16. ELEVATION TOP OF BORING	-52.5 Ft.	
			17. TOTAL RECOVERY FOR BORING	Not Recorded	
			18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE												
-52.5	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 5GY 6/1 greenish gray (SP)				-52.5														
-54.0	1.5		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, trace medium-grained sand-sized shell, 5GY 5/1 greenish gray (SP)	NR	1		Vibracore														
-56.0	3.5		SAND, poorly-graded with silt, mostly sand to gravel-sized shell up to 3/4", little fine-grained sand-sized quartz, few silt, 5GY 5/1 greenish gray (SP-SM)	NR	2		Vibracore														
-57.5	5.0		SAND, silty, mostly sand to gravel-sized shell up to 3/4", little fine-grained sand-sized quartz, little silt, 5G 5/1 greenish gray (SM)	NR	3		Vibracore														
-59.8	7.3						-59.8														
			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>0.0/3.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>3.5/5.0</td> <td>GM*</td> </tr> <tr> <td>3</td> <td>5.0/7.0</td> <td>SM*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/3.5	SP*	2	3.5/5.0	GM*	3	5.0/7.0	SM*				Abbreviations: NR = Not Recorded.		
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																			
1	0.0/3.5	SP*																			
2	3.5/5.0	GM*																			
3	5.0/7.0	SM*																			

Boring Designation VB-SJSP06-26

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-26		LOCATION COORDINATES X = 607,539 Y = 1,993,564	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES 3		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 07-27-06 COMPLETED 07-27-06		
8. TOTAL DEPTH OF BORING 7.5 Ft.		16. ELEVATION TOP OF BORING -51.2 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-51.2	0.0						-51.2		
-52.3	1.1		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 5/1 gray (SP)	NR	1		Vibracore		
-52.8	1.6		SAND, silty, mostly fine-grained sand-sized quartz, little silt, 5GY 4/1 dark greenish gray (SM)	NR	2		Vibracore		
-56.2	5.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 3/8", trace silt, 10Y 5/1 greenish gray At El. -53.7 Ft., mostly fine-grained sand-sized quartz, few sand to gravel-sized shell up to 3/8", trace silt, 10Y 5/1 greenish gray At El. -54.9 Ft., mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 3/8", trace silt, 10Y 5/1 greenish gray	NR	3		Vibracore		
-58.7	7.5		CLAY, fat, few sand to gravel-sized shell up to 3/8", few fine-grained sand-sized quartz, 5BG 5/1 greenish gray (CH) At El. -57.2 Ft., few fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10G 5/1 greenish gray						
NOTES:			Abbreviations: NR = Not Recorded.						
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									
SAMPLE ID			SAMPLE DEPTH			LABORATORY CLASSIFICATION			
1			0.0/1.0			SP*			
2			1.0/1.5			SP-SM*			
3			2.0/5.0			SP-SM*			
*Lab visual classification based on gradation curve. No Atterberg limits.									

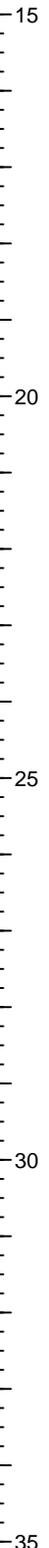
Boring Designation VB-SJSP06-27

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-27		10. COORDINATE SYSTEM/DATUM HORIZONTAL VERTICAL State Plane, FLE (U.S. Ft.) NAD83 MLW		
3. DRILLING AGENCY Corps of Engineers - CESAJ		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Alpine 270 Vibracore on D/B Snell <input type="checkbox"/> MANUAL HAMMER		
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD) 2 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES 0		
6. THICKNESS OF OVERBURDEN N/A		14. ELEVATION GROUND WATER N/A		
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED COMPLETED 07-27-06 07-27-06		
8. TOTAL DEPTH OF BORING 9.7 Ft.		16. ELEVATION TOP OF BORING -48.7 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-48.7	0.0	[Dotted Pattern]	SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 7/1 light gray (SP)	NR	1		Vibracore		0
-51.2	2.5		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 6/1 gray (SP)						
-58.4	9.7			NR	2		Vibracore		5
			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  SAMPLE ID      SAMPLE DEPTH      LABORATORY CLASSIFICATION -----				Abbreviations: NR = Not Recorded.		10

Boring Designation VB-SJSP06-27

DRILLING LOG (Cont. Sheet)		INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS				
PROJECT St. Johns County, FL SPP		COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW				
LOCATION COORDINATES X = 611,688 Y = 1,995,127		ELEVATION TOP OF BORING -48.7 Ft.							
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			1 0.0/2.5 SP*						
			2 2.5/9.5 SP*						
			*Lab visual classification based on gradation curve. No Atterberg limits.						



Boring Designation VB-SJSP06-28

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-28		10. COORDINATE SYSTEM/DATUM HORIZONTAL VERTICAL State Plane, FLE (U.S. Ft.) NAD83 MLW		
3. DRILLING AGENCY Corps of Engineers - CESAJ		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Alpine 270 Vibracore on D/B Snell <input type="checkbox"/> MANUAL HAMMER		
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD) 2 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES 0		
6. THICKNESS OF OVERBURDEN N/A		14. ELEVATION GROUND WATER N/A		
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED COMPLETED 07-27-06 07-27-06		
8. TOTAL DEPTH OF BORING 17.6 Ft.		16. ELEVATION TOP OF BORING -56.8 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-56.8	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 5G 5/1 greenish gray (SP)				-56.8		0
-58.5	1.7		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 6/1 greenish gray (SP)	NR	1		Vibracore		
-60.2	3.4		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP)						
-61.8	5.0		SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace medium-grained sand-sized shell, 5G 5/1 greenish gray (SM)				-61.8		5
-66.3	9.5		At El. -65.2 Ft., low plasticity, mostly fine-grained sand-sized quartz, some silt, trace medium-grained sand-sized shell, 5GY 4/1 dark greenish gray						
-67.0	10.2		At El. -65.7 Ft., mostly fine-grained sand-sized quartz, some silt, little sand to gravel-sized shell up to 3/4", 5GY 4/1 dark greenish gray	NR			Vibracore		10
-71.1	14.3		SAND, clayey, low plasticity, mostly fine-grained sand-sized quartz, little clay, little sand to gravel-sized shell up to 3/8", 5GY 5/1 greenish gray (SC) SAND, silty, some fine-grained sand-sized quartz, some sand to gravel-sized shell up to 3/4", some silt, 10GY 6/1 greenish gray (SM) At El. -68.5 Ft., some fine-grained sand-sized quartz, some sand to gravel-sized shell up to 3/4", some silt, 10YR 6/6 brownish yellow At El. -69.4 Ft., mostly fine-grained sand-sized quartz, some sand to						15



Boring Designation VB-SJSP06-29

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-29		10. COORDINATE SYSTEM/DATUM HORIZONTAL VERTICAL State Plane, FLE (U.S. Ft.) NAD83 MLW		
3. DRILLING AGENCY Corps of Engineers - CESAJ		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Alpine 270 Vibracore on D/B Snell <input type="checkbox"/> MANUAL HAMMER		
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD) 2 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES 0		
6. THICKNESS OF OVERBURDEN N/A		14. ELEVATION GROUND WATER N/A		
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED COMPLETED 07-27-06 07-27-06		
8. TOTAL DEPTH OF BORING 20.0 Ft.		16. ELEVATION TOP OF BORING -51.1 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-51.1	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 1/2", 10YR 6/1 gray (SP)				-51.1		0
-53.6	2.5		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell, 10YR 5/1 gray (SP)	NR	1		Vibracore		
-56.1	5.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 6/1 greenish gray (SP)						5
-58.6	7.5		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 5/1 gray (SP)				-58.6		
-62.6	11.5		SAND, clayey, medium plasticity, mostly fine-grained sand-sized quartz, some clay, trace medium-grained sand-sized shell, 10Y 4/1 dark greenish gray (SC)	NR	2		Vibracore		10
-64.5	13.4		At El. -63.3 Ft., medium plasticity, mostly fine-grained sand-sized quartz, some clay, 5G 4/1 dark greenish gray						
			SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, 10YR 5/1 gray (SP-SM)						15



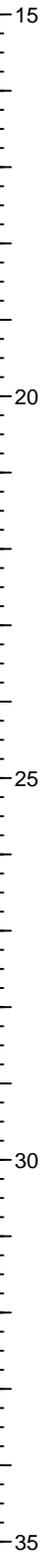
Boring Designation VB-SJSP06-3

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-3		10. COORDINATE SYSTEM/DATUM HORIZONTAL VERTICAL State Plane, FLE (U.S. Ft.) NAD83 MLW		
3. DRILLING AGENCY Corps of Engineers - CESAJ		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Alpine 270 Vibracore on D/B Snell <input type="checkbox"/> MANUAL HAMMER		
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD) 2 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES 0		
6. THICKNESS OF OVERBURDEN N/A		14. ELEVATION GROUND WATER N/A		
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED COMPLETED 06-14-06 06-14-06		
8. TOTAL DEPTH OF BORING 14.0 Ft.		16. ELEVATION TOP OF BORING -33.4 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-33.4	0.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP-SM)	NR	1		Vibracore		0
-36.4	3.0		SILT, inorganic-L, high plasticity, some fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10GY 3/1 very dark greenish gray (ML)		2				5
-40.9	7.5		CLAY, lean, medium plasticity, little fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 5GY 3/1 very dark greenish gray (CL)	NR			Vibracore		10
-44.8	11.4		SAND, clayey, medium plasticity, mostly fine-grained sand-sized quartz, some clay, few fine to medium-grained sand-sized shell, 10YR 6/1 gray (SC)						
-45.2	11.8		CLAY, lean, medium plasticity, little fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 5GY 3/1 very dark greenish gray (CL)						
-47.4	14.0								
NOTES:			Abbreviations: NR = Not Recorded.						

Boring Designation VB-SJSP06-3

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District				SHEET 2 OF 2 SHEETS											
PROJECT St. Johns County, FL SPP			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL MLW											
LOCATION COORDINATES X = 578,702 Y = 2,018,793			ELEVATION TOP OF BORING -33.4 Ft.															
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
			<p>1. USACE Jacksonville is the custodian for these original files.</p> <p>2. Soils are field visually classified in accordance with the Unified Soils Classification System.</p> <p>3. Elevation based on predicted tide</p> <p>4. Laboratory Testing Results</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">SAMPLE ID</th> <th style="text-align: left;">SAMPLE DEPTH</th> <th style="text-align: left;">LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.0/3.0</td> <td>SP-SM*</td> </tr> <tr> <td>2</td> <td>3.0/7.0</td> <td>ML*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/3.0	SP-SM*	2	3.0/7.0	ML*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/3.0	SP-SM*																
2	3.0/7.0	ML*																



Boring Designation VB-SJSP06-30

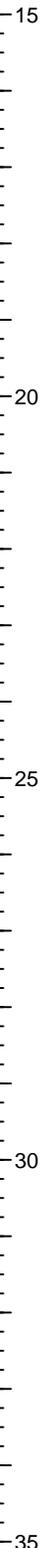
<b>DRILLING LOG</b>		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS		
1. PROJECT St. Johns County, FL SPP Borrow Area				9. SIZE AND TYPE OF BIT <b>See Remarks</b>					
2. BORING DESIGNATION VB-SJSP06-30		LOCATION COORDINATES X = 617,670 Y = 1,988,672		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW		
3. DRILLING AGENCY Corps of Engineers - CESAJ			CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell		<input type="checkbox"/> AUTO HAMMER	<input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES		DISTURBED 1	UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	BEARING		13. TOTAL NUMBER CORE BOXES 0				
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER N/A					
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 07-27-06	COMPLETED 07-27-06		
8. TOTAL DEPTH OF BORING 10.6 Ft.				16. ELEVATION TOP OF BORING -58.6 Ft.					
				17. TOTAL RECOVERY FOR BORING Not Recorded					
				18. SIGNATURE AND TITLE OF INSPECTOR					

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-58.6	0.0		SAND, poorly-graded, mostly sand to gravel-sized shell up to 3/4", trace medium-grained sand-sized shell, 10YR 5/1 gray (SP)		1				0
-64.2	5.6		CLAY, fat, few fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 5G 5/1 greenish gray (CH)	NR			Vibracore		5
-69.2	10.6		At El. -66.5 Ft., few fine-grained sand-sized quartz, 5G 4/1 dark greenish gray						10
			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				Abbreviations: NR = Not Recorded.		15

Boring Designation VB-SJSP06-30

<b>DRILLING LOG (Cont. Sheet)</b>	INSTALLATION Jacksonville District	SHEET 2 OF 2 SHEETS
PROJECT St. Johns County, FL SPP	COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
LOCATION COORDINATES X = 617,670 Y = 1,988,672	VERTICAL MLW	
		ELEVATION TOP OF BORING -58.6 Ft.

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE						
			<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">SAMPLE ID</td> <td style="width:15%;">SAMPLE DEPTH</td> <td style="width:70%;">LABORATORY CLASSIFICATION</td> </tr> <tr> <td style="border-top: 1px dashed black;">1</td> <td style="border-top: 1px dashed black;">0.0/5.5</td> <td style="border-top: 1px dashed black;">SP-SM*</td> </tr> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/5.5	SP-SM*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION													
1	0.0/5.5	SP-SM*													



Boring Designation VB-SJSP06-31

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-31		LOCATION COORDINATES X = 595,981 Y = 2,083,615	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES 2		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-15-06 COMPLETED 06-15-06		
8. TOTAL DEPTH OF BORING 6.4 Ft.		16. ELEVATION TOP OF BORING -40.1 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
-40.1	0.0	[Dotted pattern]	SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 7/1 light gray (SP)	NR	1		Vibracore		0									
-43.9	3.8																	
-46.5	6.4																	
NOTES:			Abbreviations: NR = Not Recorded.															
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>0.0/3.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>4.0/6.0</td> <td>SP*</td> </tr> </tbody> </table>			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/3.5	SP*	2	4.0/6.0	SP*							
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/3.5	SP*																
2	4.0/6.0	SP*																
*Lab visual classification based on gradation curve. No Atterberg limits.																		

Boring Designation VB-SJSP06-32

<b>DRILLING LOG</b>		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 1 SHEETS	
1. PROJECT St. Johns County, FL SPP Borrow Area				9. SIZE AND TYPE OF BIT See Remarks				
2. BORING DESIGNATION VB-SJSP06-32		LOCATION COORDINATES X = 589,470 Y = 2,087,040		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW	
3. DRILLING AGENCY Corps of Engineers - CESAJ			CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell		<input type="checkbox"/> AUTO HAMMER	<input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES 2		DISTURBED 2	UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	BEARING		13. TOTAL NUMBER CORE BOXES 0		14. ELEVATION GROUND WATER N/A	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 06-15-06		STARTED 06-15-06	COMPLETED 06-15-06	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -42.3 Ft.		17. TOTAL RECOVERY FOR BORING Not Recorded		
8. TOTAL DEPTH OF BORING 6.0 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR				

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
-42.3	0.0	[Dotted pattern]	SAND, poorly-graded, mostly fine-grained sand-sized quartz, few sand to gravel-sized shell up to 3/8", 10YR 5/1 gray (SP)	NR	1		-42.3  Vibracore		0									
-45.3	3.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 6/1 gray (SP)	NR	2		-45.3  Vibracore		5									
-48.3	6.0		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"> <tr> <th>SAMPLE ID</th> <th>SAMPLE DEPTH</th> <th>LABORATORY CLASSIFICATION</th> </tr> <tr> <td>1</td> <td>0.0/3.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>3.0/6.0</td> <td>SP*</td> </tr> </table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/3.0	SP*	2	3.0/6.0	SP*				Abbreviations: NR = Not Recorded.		10
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/3.0	SP*																
2	3.0/6.0	SP*																

Boring Designation VB-SJSP06-33

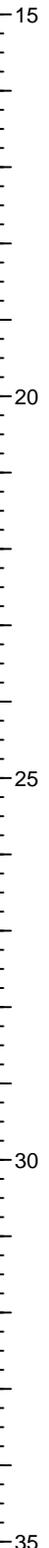
<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-33		LOCATION COORDINATES X = 587,035 Y = 2,093,641	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 2 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-15-06 COMPLETED 06-15-06		
8. TOTAL DEPTH OF BORING 10.0 Ft.		16. ELEVATION TOP OF BORING -43.3 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-43.3	0.0						-43.3		0
-44.8	1.5	[Dotted pattern]	SAND, poorly-graded, mostly fine-grained sand-sized quartz, some sand to gravel-sized shell up to 3/4", 10YR 6/1 gray (SP)	NR	1		Vibracore		
-46.0	2.7		SAND, poorly-graded, mostly fine-grained sand-sized quartz, some sand to gravel-sized shell up to 3/4", 10YR 5/1 gray (SP)						
-48.7	5.4		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little medium to coarse-grained sand-sized shell, 10YR 5/1 gray (SP)						
-49.8	6.5	[Dotted pattern]	SAND, poorly-graded, mostly sand to gravel-sized shell up to 3/4", some fine-grained sand-sized quartz, 10YR 5/1 gray (SP)	NR	2		Vibracore		
-51.4	8.1		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 5/1 gray (SP)						
-53.3	10.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 6/2 light brownish gray (SP)						
			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  SAMPLE ID      SAMPLE DEPTH      LABORATORY CLASSIFICATION				Abbreviations: NR = Not Recorded.		

Boring Designation VB-SJSP06-33

<b>DRILLING LOG (Cont. Sheet)</b>	INSTALLATION Jacksonville District	SHEET 2 OF 2 SHEETS
PROJECT St. Johns County, FL SPP	COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
LOCATION COORDINATES X = 587,035 Y = 2,093,641	VERTICAL MLW	
		ELEVATION TOP OF BORING -43.3 Ft.

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			1      0.0/5.0      SP* 2      5.5/10.0      SP*  *Lab visual classification based on gradation curve. No Atterberg limits.						



Boring Designation VB-SJSP06-34

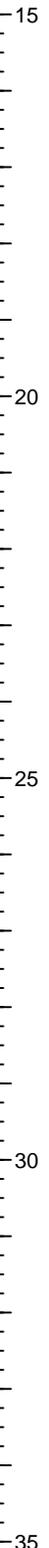
<b>DRILLING LOG</b>		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS	
1. PROJECT St. Johns County, FL SPP Borrow Area				9. SIZE AND TYPE OF BIT See Remarks				
2. BORING DESIGNATION VB-SJSP06-34		LOCATION COORDINATES X = 581,761 Y = 2,094,255		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW	
3. DRILLING AGENCY Corps of Engineers - CESAJ			CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell			<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES		DISTURBED 1	UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	BEARING		13. TOTAL NUMBER CORE BOXES 0			
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER N/A				
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 07-26-06	COMPLETED 07-26-06	
8. TOTAL DEPTH OF BORING 12.8 Ft.				16. ELEVATION TOP OF BORING -44.0 Ft.				
				17. TOTAL RECOVERY FOR BORING Not Recorded				
				18. SIGNATURE AND TITLE OF INSPECTOR				

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-44.0	0.0						-44.0		
-46.3	2.3		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few medium to coarse-grained sand-sized shell, 10YR 5/1 gray (SP)						
-49.0	5.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP)		1				
-56.8	12.8		CLAY, fat, high plasticity, few fine-grained sand-sized quartz, N 4/ dark gray (CH)			NR	Vibracore		
			At El. -56.2 Ft., medium plasticity, few fine-grained sand-sized quartz, trace medium-grained sand-sized limestone, N 5/ gray						
NOTES:			1. USACE Jacksonville is the custodian for these original files.						
							Abbreviations: NR = Not Recorded.		

Boring Designation VB-SJSP06-34

<b>DRILLING LOG (Cont. Sheet)</b>	INSTALLATION Jacksonville District	SHEET 2 OF 2 SHEETS
PROJECT St. Johns County, FL SPP	COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
LOCATION COORDINATES X = 581,761 Y = 2,094,255	VERTICAL MLW	
ELEVATION TOP OF BORING -44.0 Ft.		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE							
			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 style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">SAMPLE ID</th> <th style="text-align: left;">SAMPLE DEPTH</th> <th style="text-align: left;">LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td style="border-top: 1px dashed black;">1</td> <td style="border-top: 1px dashed black;">0.0/5.0</td> <td style="border-top: 1px dashed black;">SP*</td> </tr> </tbody> </table> *Lab visual classification based on gradation curve. No Atterberg limits.	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/5.0	SP*							
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION														
1	0.0/5.0	SP*														



Boring Designation VB-SJSP06-35

<b>DRILLING LOG</b>		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 1 SHEETS		
1. PROJECT St. Johns County, FL SPP Borrow Area				9. SIZE AND TYPE OF BIT <b>See Remarks</b>					
2. BORING DESIGNATION VB-SJSP06-35		LOCATION COORDINATES X = 580,550 Y = 2,100,615		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW		
3. DRILLING AGENCY Corps of Engineers - CESAJ			CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell		<input type="checkbox"/> AUTO HAMMER	<input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES		DISTURBED 2	UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				DEG. FROM VERTICAL	BEARING		13. TOTAL NUMBER CORE BOXES 0		
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER N/A		15. DATE BORING		STARTED 07-26-06	COMPLETED 07-26-06
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -42.6 Ft.		17. TOTAL RECOVERY FOR BORING Not Recorded			
8. TOTAL DEPTH OF BORING 5.8 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR					

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
-42.6	0.0						-42.6											
-43.7	1.1	[Dotted Pattern]	SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 7/2 light gray (SP)				Vibracore											
-47.6	5.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP)	NR	1													
-48.4	5.8		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 4/1 dark greenish gray (SP)	NR	2													
			<p>NOTES:</p> <ol style="list-style-type: none"> <li>USACE Jacksonville is the custodian for these original files.</li> <li>Soils are field visually classified in accordance with the Unified Soils Classification System.</li> <li>Elevation based on predicted tide</li> <li>Laboratory Testing Results</li> </ol> <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>0.0/5.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>5.0/5.8</td> <td>SP*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/5.0	SP*	2	5.0/5.8	SP*			Abbreviations: NR = Not Recorded.			
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/5.0	SP*																
2	5.0/5.8	SP*																

Boring Designation VB-SJSP06-36

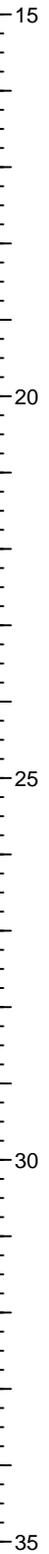
<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-36		10. COORDINATE SYSTEM/DATUM HORIZONTAL VERTICAL State Plane, FLE (U.S. Ft.) NAD83 MLW		
3. DRILLING AGENCY Corps of Engineers - CESAJ		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Alpine 270 Vibracore on D/B Snell <input type="checkbox"/> MANUAL HAMMER		
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD) 1 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES 0		
6. THICKNESS OF OVERBURDEN N/A		14. ELEVATION GROUND WATER N/A		
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED COMPLETED 07-26-06 07-26-06		
8. TOTAL DEPTH OF BORING 9.0 Ft.		16. ELEVATION TOP OF BORING -44.5 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-44.5	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few medium to coarse-grained sand-sized limestone, 10YR 6/2 light brownish gray (SP)						
-46.7	2.2		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP)		1				
-48.5	4.0		CLAY, lean, medium plasticity, little fine-grained sand-sized quartz, few sand to gravel-sized shell up to 3/8", N 4/ dark gray (CL)	NR			Vibracore		
-51.5	7.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, 10Y 5/1 greenish gray (SP-SM)						
-53.5	9.0								
NOTES:			Abbreviations: NR = Not Recorded.						
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									
SAMPLE ID			SAMPLE DEPTH			LABORATORY CLASSIFICATION			
1			0.0/4.0			SP*			
*Lab visual classification based on gradation									

Boring Designation VB-SJSP06-36

<b>DRILLING LOG (Cont. Sheet)</b>	INSTALLATION Jacksonville District	SHEET 2 OF 2 SHEETS
PROJECT St. Johns County, FL SPP	COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
LOCATION COORDINATES X = 568,070 Y = 2,099,220	VERTICAL MLW	
		ELEVATION TOP OF BORING -44.5 Ft.

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			curve. No Atterberg limits.						



Boring Designation VB-SJSP06-37

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 1 SHEETS		
1. PROJECT St. Johns County, FL SPP Borrow Area				9. SIZE AND TYPE OF BIT See Remarks					
2. BORING DESIGNATION VB-SJSP06-37		LOCATION COORDINATES X = 568,965 Y = 2,105,294		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW		
3. DRILLING AGENCY Corps of Engineers - CESAJ			CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell		<input type="checkbox"/> AUTO HAMMER	<input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES		DISTURBED 1	UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	BEARING		13. TOTAL NUMBER CORE BOXES 0				
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER N/A		15. DATE BORING		STARTED 07-26-06	COMPLETED 07-26-06
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -41.7 Ft.		17. TOTAL RECOVERY FOR BORING Not Recorded			
8. TOTAL DEPTH OF BORING 5.8 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR					

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE						
-41.7	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP)		1		Vibracore		0						
-46.7	5.0		SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace medium-grained sand-sized shell, 10Y 4/1 dark greenish gray (SM)						5						
-47.5	5.8		<p>NOTES:</p> <ol style="list-style-type: none"> <li>USACE Jacksonville is the custodian for these original files.</li> <li>Soils are field visually classified in accordance with the Unified Soils Classification System.</li> <li>Elevation based on predicted tide</li> <li>Laboratory Testing Results</li> </ol> <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>0.0/5.0</td> <td>SP*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/5.0	SP*				Abbreviations: NR = Not Recorded.		10
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION													
1	0.0/5.0	SP*													

Boring Designation VB-SJSP06-38

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-38		LOCATION COORDINATES X = 575,990 Y = 2,104,167	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES 3		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 07-26-06 COMPLETED 07-26-06		
8. TOTAL DEPTH OF BORING 8.4 Ft.		16. ELEVATION TOP OF BORING -43.4 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE												
-43.4	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10YR 7/2 light gray (SP)				-43.4		0												
-45.7	2.3		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10Y 5/1 greenish gray (SP)	NR	1		Vibracore														
-46.8	3.4		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10Y 5/1 greenish gray (SP)																		
-48.0	4.6		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, 10Y 4/1 dark greenish gray (SP-SM)				-48.4		5												
-50.2	6.8		At El. -49.3 Ft., some fine-grained sand-sized quartz, some sand to gravel-sized shell up to 3/4", few silt, 10Y 6/1 greenish gray	NR	2		Vibracore														
-51.8	8.4		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10YR 6/2 light brownish gray (SP)	NR	3		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>0.0/4.5</td> <td>SP-SM*</td> </tr> <tr> <td>2</td> <td>5.0/6.5</td> <td>SM*</td> </tr> <tr> <td>3</td> <td>7.0/8.0</td> <td>SM*</td> </tr> </tbody> </table> *Lab visual classification based on gradation	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/4.5	SP-SM*	2	5.0/6.5	SM*	3	7.0/8.0	SM*				Abbreviations: NR = Not Recorded.		10
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																			
1	0.0/4.5	SP-SM*																			
2	5.0/6.5	SM*																			
3	7.0/8.0	SM*																			



Boring Designation VB-SJSP06-39

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-39		10. COORDINATE SYSTEM/DATUM HORIZONTAL VERTICAL State Plane, FLE (U.S. Ft.) NAD83 MLW		
3. DRILLING AGENCY Corps of Engineers - CESAJ		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Alpine 270 Vibracore on D/B Snell <input type="checkbox"/> MANUAL HAMMER		
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD) 2 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES 0		
6. THICKNESS OF OVERBURDEN N/A		14. ELEVATION GROUND WATER N/A		
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED COMPLETED 07-26-06 07-26-06		
8. TOTAL DEPTH OF BORING 16.0 Ft.		16. ELEVATION TOP OF BORING -44.2 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-44.2	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 3/4", 10YR 6/2 light brownish gray (SP)				-44.2		0
-47.2	3.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few sand to gravel-sized shell up to 3/8", 10Y 6/1 greenish gray (SP)	NR	1		Vibracore		
-49.2	5.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few medium to coarse-grained sand-sized shell, 5GY 4/1 dark greenish gray (SP)				-49.2		5
-50.6	6.4				2				
-51.5	7.3		CLAY, fat, high plasticity, few fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 5G 4/1 dark greenish gray (CH)						
-52.3	8.1		SAND, clayey, low plasticity, mostly fine-grained sand-sized quartz, little clay, trace medium-grained sand-sized shell, 5G 4/1 dark greenish gray (SC)						
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10Y 5/1 greenish gray (SP)						
			At El. -53.8 Ft., mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 3/8", 10G 6/1 greenish gray	NR			Vibracore		10
			At El. -55.6 Ft., mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 6/1 gray						
-57.2	13.0		SAND, poorly-graded with silt, some fine-grained sand-sized quartz, some sand to gravel-sized shell up to 3/4", few silt, 10Y 5/1 greenish gray (SP-SM)						15

Boring Designation VB-SJSP06-39

<b>DRILLING LOG (Cont. Sheet)</b>			INSTALLATION <b>Jacksonville District</b>			SHEET 2 OF 2 SHEETS												
			PROJECT <b>St. Johns County, FL SPP</b>			COORDINATE SYSTEM/DATUM <b>State Plane, FLE (U.S. Ft.)</b>	HORIZONTAL <b>NAD83</b>	VERTICAL <b>MLW</b>										
LOCATION COORDINATES <b>X = 581,087 Y = 2,107,893</b>			ELEVATION TOP OF BORING <b>-44.2 Ft.</b>															
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
-59.4	15.2	[Symbol]	GRAVEL, poorly-graded, mostly sand to gravel-sized limestone up to 1", some fine-grained sand-sized quartz, 10Y 7/1 light greenish gray (GP)	NR			Vibracore											
-60.2	16.0	[Symbol]					-60.2											
			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			Abbreviations: NR = Not Recorded.												
			<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">SAMPLE ID</th> <th style="text-align: left;">SAMPLE DEPTH</th> <th style="text-align: left;">LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td style="border-top: 1px dashed black;">1</td> <td style="border-top: 1px dashed black;">0.0/5.0</td> <td style="border-top: 1px dashed black;">SP*</td> </tr> <tr> <td>2</td> <td>5.0/6.0</td> <td>SP-SM*</td> </tr> </tbody> </table>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/5.0	SP*	2	5.0/6.0	SP-SM*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/5.0	SP*																
2	5.0/6.0	SP-SM*																
			*Lab visual classification based on gradation curve. No Atterberg limits.															

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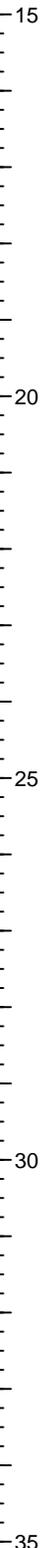
Boring Designation VB-SJSP06-4

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-4		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell		VERTICAL MLW
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES		DISTURBED 0
6. THICKNESS OF OVERBURDEN N/A		14. ELEVATION GROUND WATER N/A		UNDISTURBED (UD) 0
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING		STARTED 06-14-06
8. TOTAL DEPTH OF BORING 16.0 Ft.		16. ELEVATION TOP OF BORING -33.6 Ft.		COMPLETED 06-14-06
		17. TOTAL RECOVERY FOR BORING 100 %		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-33.6	0.0						-33.6		
-34.6	1.0		SAND, silty, mostly fine-grained sand-sized quartz, little silt, trace medium-grained sand-sized shell, 10Y 4/1 dark greenish gray (SM)						
			CLAY, fat, medium plasticity, little fine-grained sand-sized quartz, 10Y 3/1 very dark greenish gray (CH)						
			At El. -43.6 Ft., some fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 3/1 very dark greenish gray	100			Vibracore		

Boring Designation VB-SJSP06-4

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District				SHEET 2 OF 2 SHEETS		
PROJECT St. Johns County, FL SPP			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL MLW		
LOCATION COORDINATES X = 579,096 Y = 2,016,318			ELEVATION TOP OF BORING -33.6 Ft.						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-49.6	16.0			100			-49.6 Vibracore		
			<p>NOTES:</p> <ol style="list-style-type: none"> <li>1. USACE Jacksonville is the custodian for these original files.</li> <li>2. Soils are field visually classified in accordance with the Unified Soils Classification System.</li> <li>3. Elevation based on predicted tide</li> </ol>						



Boring Designation VB-SJSP06-40

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-40		LOCATION COORDINATES X = 580,677 Y = 2,113,446	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES 2		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 07-26-06 COMPLETED 07-26-06		
8. TOTAL DEPTH OF BORING 8.3 Ft.		16. ELEVATION TOP OF BORING -38.0 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
-38.0	0.0	[Dotted pattern]	SAND, poorly-graded, mostly fine-grained sand-sized quartz, some sand to gravel-sized shell up to 3/4", 10YR 5/2 grayish brown (SP)	NR	1		Vibracore		0									
-40.9	2.9		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 7/1 light greenish gray (SP)															
-42.3	4.3		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little sand to gravel-sized shell up to 3/4", 10Y 4/1 dark greenish gray (SP)	NR	2		Vibracore		5									
-46.3	8.3		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				Abbreviations: NR = Not Recorded.		10									
			<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>0.0/4.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>4.5/8.0</td> <td>SP*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/4.0	SP*	2	4.5/8.0	SP*						15
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/4.0	SP*																
2	4.5/8.0	SP*																

Boring Designation VB-SJSP06-43

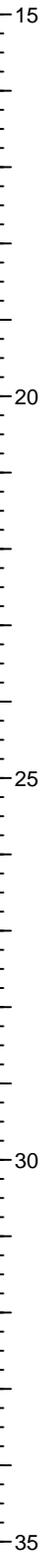
<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-43		LOCATION COORDINATES X = 587,055 Y = 2,057,768	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 2 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-15-06 COMPLETED 06-15-06		
8. TOTAL DEPTH OF BORING 8.0 Ft.		16. ELEVATION TOP OF BORING -52.2 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-52.2	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 6/2 light brownish gray (SP)				-52.2		0
-54.7	2.5		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP)	NR	1		Vibracore		5
-58.9	6.7		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 3/8", 10Y 5/1 greenish gray (SP)	NR	2		Vibracore		
-59.5	7.3		SAND, poorly-graded, mostly fine-grained sand-sized quartz, some sand to gravel-sized shell up to 3/4", 5GY 5/1 greenish gray (SP)				-60.2		
-60.2	8.0						Abbreviations: NR = Not Recorded.		10
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									
	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION						
	1	0.0/5.0	SP*						
	2	6.0/8.0	SP-SM*						

Boring Designation VB-SJSP06-43

<b>DRILLING LOG (Cont. Sheet)</b>	INSTALLATION Jacksonville District		SHEET 2 OF 2 SHEETS
PROJECT St. Johns County, FL SPP	COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83	VERTICAL MLW
LOCATION COORDINATES X = 587,055 Y = 2,057,768	ELEVATION TOP OF BORING -52.2 Ft.		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			*Lab visual classification based on gradation curve. No Atterberg limits.						



Boring Designation VB-SJSP06-47

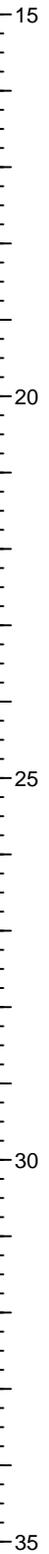
<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-47		LOCATION COORDINATES X = 581,123 Y = 2,085,051	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 2 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 07-26-06 COMPLETED 07-26-06		
8. TOTAL DEPTH OF BORING 7.7 Ft.		16. ELEVATION TOP OF BORING -48.3 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-48.3	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10YR 6/3 pale brown (SP)				-48.3		
-49.3	1.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP)	NR	1		Vibracore		
-51.2	2.9		SAND, silty, mostly fine-grained sand-sized quartz, little silt, 5G 5/1 greenish gray (SM)				-51.2		
-51.8	3.5		CLAY, fat, high plasticity, little fine-grained sand-sized quartz, 5BG 4/1 dark greenish gray (CH)		2				
-54.5	6.2		SAND, clayey, low plasticity, mostly fine to medium-grained sand-sized quartz, little clay, 10Y 4/1 dark greenish gray (SC)	NR			Vibracore		
-55.6	7.3		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 3/8", few silt, 10Y 6/1 greenish gray (SP-SM)				-56.0		
-56.0	7.7						Abbreviations: NR = Not Recorded.		
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									
SAMPLE ID			SAMPLE DEPTH		LABORATORY CLASSIFICATION				
-----			-----		-----				
1			0.0/2.8		SP*				
2			2.9/3.5		SP-SM*				
*Lab visual classification based on gradation									

Boring Designation VB-SJSP06-47

DRILLING LOG (Cont. Sheet)	INSTALLATION Jacksonville District	SHEET 2 OF 2 SHEETS
PROJECT St. Johns County, FL SPP	COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
LOCATION COORDINATES X = 581,123 Y = 2,085,051	VERTICAL MLW	
ELEVATION TOP OF BORING -48.3 Ft.		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			curve. No Atterberg limits.						



Boring Designation VB-SJSP06-48

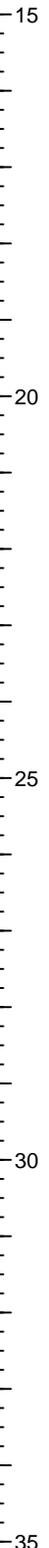
<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-48		LOCATION COORDINATES X = 586,796 Y = 2,105,254	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Alpine 270 Vibracore on D/B Snell <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 1 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 07-26-06 COMPLETED 07-26-06		
8. TOTAL DEPTH OF BORING 11.2 Ft.		16. ELEVATION TOP OF BORING -47.4 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-47.4	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 3/4", 10YR 6/1 gray (SP)						
-50.2	2.8		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few medium to coarse-grained sand-sized shell, 10YR 6/1 gray (SP)		1				
-51.3	3.9		CLAY, fat, high plasticity, few fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 5GY 4/1 dark greenish gray (CH)						
-53.9	6.5		At El. -53.3 Ft., high plasticity, little sand to gravel-sized shell up to 3/8", few fine-grained sand-sized quartz, 5GY 4/1 dark greenish gray	NR			Vibracore		
-55.2	7.8		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP-SM)						
-56.0	8.6		SAND, clayey, mostly fine-grained sand-sized quartz, little clay, trace shell, 10Y 4/1 dark greenish gray (SC)						
-58.6	11.2		SAND, poorly-graded with clay, mostly fine-grained sand-sized quartz, few clay, 10Y 5/1 greenish gray (SP-SC) At El. -57.0 Ft., mostly fine-grained sand-sized quartz, few clay, 2.5Y 5/1 gray						
NOTES:			Abbreviations: NR = Not Recorded.						
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									

Boring Designation VB-SJSP06-48

<b>DRILLING LOG (Cont. Sheet)</b>	INSTALLATION Jacksonville District	SHEET 2 OF 2 SHEETS
PROJECT St. Johns County, FL SPP	COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
LOCATION COORDINATES X = 586,796 Y = 2,105,254	VERTICAL MLW	
		ELEVATION TOP OF BORING -47.4 Ft.

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE						
			4. Laboratory Testing Results  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">SAMPLE ID</th> <th style="text-align: left;">SAMPLE DEPTH</th> <th style="text-align: left;">LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td style="border-top: 1px dashed black;">1</td> <td style="border-top: 1px dashed black;">0.0/3.9</td> <td style="border-top: 1px dashed black;">SP*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/3.9	SP*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION													
1	0.0/3.9	SP*													



Boring Designation VB-SJSP06-49

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-49		LOCATION COORDINATES X = 562,306 Y = 2,116,044	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 2 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 07-26-06 COMPLETED 07-26-06		
8. TOTAL DEPTH OF BORING 20.0 Ft.		16. ELEVATION TOP OF BORING -45.9 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

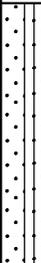
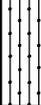
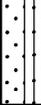
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-45.9	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 2.5Y 6/3 light yellowish brown (SP)	NR	1		Vibracore		0
-48.0	2.1		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little sand to gravel-sized shell up to 3/4", trace silt, 5GY 4/1 dark greenish gray (SP)						
-50.0	4.1		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few medium to coarse-grained sand-sized shell, 10Y 4/1 dark greenish gray (SP)		2				
-50.9	5.0		CLAY, lean, medium plasticity, few fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 5GY 4/1 dark greenish gray (CL)						5
-52.8	6.9		At El. -51.8 Ft., medium plasticity, some fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 5GY 4/1 dark greenish gray						
-54.6	8.7		SAND, clayey, low plasticity, mostly fine-grained sand-sized quartz, some clay, few medium to coarse-grained sand-sized shell, 5GY 4/1 dark greenish gray (SC)	NR			Vibracore		
-55.9	10.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace medium-grained sand-sized shell, 10Y 4/1 dark greenish gray (SP-SM)						10
			CLAY, fat, high plasticity, few medium to coarse-grained sand-sized shell, few fine-grained sand-sized quartz, 10G 4/1 dark greenish gray (CH)						
			At El. -57.8 Ft., high plasticity, few fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10G 4/1 dark greenish gray						15

Boring Designation VB-SJSP06-49

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS												
PROJECT St. Johns County, FL SPP			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW												
LOCATION COORDINATES X = 562,306 Y = 2,116,044			ELEVATION TOP OF BORING -45.9 Ft.															
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
-61.3	15.4		SAND, clayey, medium plasticity, mostly fine-grained sand-sized quartz, some clay, 10Y 3/1 very dark greenish gray (SC) At El. -62.1 Ft., medium plasticity, mostly fine-grained sand-sized quartz, some clay, 5GY 5/1 greenish gray	NR			Vibracore											
-65.9	20.0		At El. -64.5 Ft., low plasticity, mostly fine-grained sand-sized quartz, little clay, 10GY 6/1 greenish gray															
NOTES:						Abbreviations: NR = Not Recorded.												
<ol style="list-style-type: none"> <li>USACE Jacksonville is the custodian for these original files.</li> <li>Soils are field visually classified in accordance with the Unified Soils Classification System.</li> <li>Elevation based on predicted tide</li> <li>Laboratory Testing Results</li> </ol> <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>0.0/2.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>2.5/5.0</td> <td>SP*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/2.0	SP*	2	2.5/5.0	SP*							
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/2.0	SP*																
2	2.5/5.0	SP*																

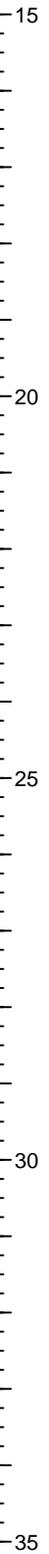
Boring Designation VB-SJSP06-5

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-5		LOCATION COORDINATES X = 585,744 Y = 2,022,612	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES DISTURBED 1 UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-14-06 COMPLETED 06-14-06		
8. TOTAL DEPTH OF BORING 10.0 Ft.		16. ELEVATION TOP OF BORING -49.3 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-49.3	0.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace medium-grained sand-sized shell, 10YR 6/1 gray (SP-SM)		1		-49.3		0
-52.8	3.5		CLAY, fat, high plasticity, few fine-grained sand-sized quartz, 5G 4/1 dark greenish gray (CH)	NR			Vibracore		5
-56.3	7.0		SAND, silty, low plasticity, some sand to gravel-sized limestone up to 1', some silt, little fine-grained sand-sized quartz, 5G 4/2 grayish green (SM)						
-57.8	8.5		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few silt, trace medium-grained sand-sized shell, 10Y 5/1 greenish gray (SP-SM)						
-59.3	10.0								
			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  SAMPLE ID      SAMPLE DEPTH      LABORATORY CLASSIFICATION				Abbreviations: NR = Not Recorded.		

Boring Designation VB-SJSP06-5

DRILLING LOG (Cont. Sheet)		INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS				
PROJECT St. Johns County, FL SPP		COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW				
LOCATION COORDINATES X = 585,744 Y = 2,022,612		ELEVATION TOP OF BORING -49.3 Ft.							
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			1            0.0/3.5            SP*  *Lab visual classification based on gradation curve. No Atterberg limits.						



Boring Designation VB-SJSP06-50

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-50		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		
3. DRILLING AGENCY Corps of Engineers - CESAJ		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell		
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES 4		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES 0		
6. THICKNESS OF OVERBURDEN N/A		14. ELEVATION GROUND WATER N/A		
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 07-26-06 COMPLETED 07-26-06		
8. TOTAL DEPTH OF BORING 16.8 Ft.		16. ELEVATION TOP OF BORING -43.2 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-43.2	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few sand to gravel-sized shell up to 3/8", 5Y 6/3 pale olive (SP)	NR	1		Vibracore		0
-45.0	1.8		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, trace silt, 5Y 4/1 dark gray (SP)	NR	2		Vibracore		
-46.6	3.4		SAND, silty, low plasticity, mostly fine-grained sand-sized quartz, some silt, trace medium-grained sand-sized shell, 10GY 4/1 dark greenish gray (SM)	NR	3		Vibracore		5
			At El. -50.4 Ft., low plasticity, mostly fine-grained sand-sized quartz, some silt, little sand to gravel-sized shell up to 3/4", 10GY 4/1 dark greenish gray	NR			Vibracore		
			At El. -53.2 Ft., low plasticity, mostly fine-grained sand-sized quartz, some silt, few medium-grained sand-sized shell, 10GY 4/1 dark greenish gray	NR	4		Vibracore		10
-57.0	13.8		At El. -56.0 Ft., mostly fine-grained sand-sized quartz, little clay, trace medium-grained sand-sized shell, 5GY 4/1 dark greenish gray	NR			Vibracore		
			SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, 10Y 5/1 greenish gray (SP-SM)						15



Boring Designation VB-SJSP06-6

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 1 SHEETS		
1. PROJECT St. Johns County, FL SPP Borrow Area				9. SIZE AND TYPE OF BIT See Remarks					
2. BORING DESIGNATION VB-SJSP06-6		LOCATION COORDINATES X = 585,662 Y = 2,026,958		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW		
3. DRILLING AGENCY Corps of Engineers - CESAJ			CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell		<input type="checkbox"/> AUTO HAMMER	<input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES		DISTURBED 1	UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	BEARING		13. TOTAL NUMBER CORE BOXES 0				
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER N/A					
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING				STARTED 06-14-06	COMPLETED 06-14-06
8. TOTAL DEPTH OF BORING 4.0 Ft.				16. ELEVATION TOP OF BORING -45.6 Ft.				17. TOTAL RECOVERY FOR BORING Not Recorded	
				18. SIGNATURE AND TITLE OF INSPECTOR					

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE						
-45.6	0.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, 10YR 6/1 gray (SP)												
				NR	1		Vibracore								
-49.6	4.0														
			<p>NOTES:</p> <ol style="list-style-type: none"> <li>USACE Jacksonville is the custodian for these original files.</li> <li>Soils are field visually classified in accordance with the Unified Soils Classification System.</li> <li>Elevation based on predicted tide</li> <li>Laboratory Testing Results</li> </ol> <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>0.0/4.0</td> <td>SP*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/4.0	SP*				Abbreviations: NR = Not Recorded.		
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION													
1	0.0/4.0	SP*													

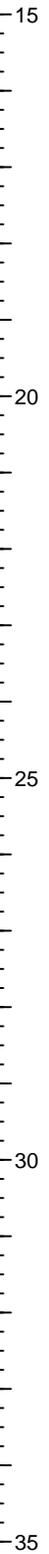
Boring Designation VB-SJSP06-7

<b>DRILLING LOG</b>		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS		
1. PROJECT St. Johns County, FL SPP Borrow Area				9. SIZE AND TYPE OF BIT See Remarks					
2. BORING DESIGNATION VB-SJSP06-7		LOCATION COORDINATES X = 584,718 Y = 2,030,817		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLW		
3. DRILLING AGENCY Corps of Engineers - CESAJ			CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell		<input type="checkbox"/> AUTO HAMMER	<input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES		DISTURBED 2	UNDISTURBED (UD) 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	BEARING		13. TOTAL NUMBER CORE BOXES 0				
6. THICKNESS OF OVERBURDEN N/A				14. ELEVATION GROUND WATER N/A		15. DATE BORING		STARTED 06-14-06	COMPLETED 06-14-06
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -47.7 Ft.		17. TOTAL RECOVERY FOR BORING Not Recorded			
8. TOTAL DEPTH OF BORING 14.0 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR					

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-47.7	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 6/1 gray (SP)	NR	1		Vibracore		0
-51.2	3.5		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace medium-grained sand-sized shell, 5GY 4/1 dark greenish gray (SM)		2				5
-56.2	8.5		CLAY, fat, high plasticity, few fine-grained sand-sized quartz, trace medium-grained sand-sized shell, 10GY 4/1 dark greenish gray (CH)	NR			Vibracore		10
-57.7	10.0		SAND, silty, mostly sand to gravel-sized limestone up to 1', little silt, little fine-grained sand-sized quartz, N 6/ gray (SM)						
-61.7	14.0								
NOTES:							Abbreviations: NR = Not Recorded.		

Boring Designation VB-SJSP06-7

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District				SHEET 2 OF 2 SHEETS											
PROJECT St. Johns County, FL SPP			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL MLW											
LOCATION COORDINATES X = 584,718 Y = 2,030,817			ELEVATION TOP OF BORING -47.7 Ft.															
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE									
			<p>1. USACE Jacksonville is the custodian for these original files.</p> <p>2. Soils are field visually classified in accordance with the Unified Soils Classification System.</p> <p>3. Elevation based on predicted tide</p> <p>4. Laboratory Testing Results</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">SAMPLE ID</th> <th style="text-align: left;">SAMPLE DEPTH</th> <th style="text-align: left;">LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.0/3.5</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>3.5/8.5</td> <td>SM*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/3.5	SP*	2	3.5/8.5	SM*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																
1	0.0/3.5	SP*																
2	3.5/8.5	SM*																



Boring Designation VB-SJSP06-8

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 1 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT <b>See Remarks</b>		
2. BORING DESIGNATION VB-SJSP06-8		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		
3. DRILLING AGENCY Corps of Engineers - CESAJ		11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell		
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES 1		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES 0		
6. THICKNESS OF OVERBURDEN N/A		14. ELEVATION GROUND WATER N/A		
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING 06-14-06		
8. TOTAL DEPTH OF BORING 3.0 Ft.		16. ELEVATION TOP OF BORING -39.5 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE						
-39.5	0.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace medium-grained sand-sized shell, 10YR 6/1 gray (SP)	NR	1		Vibracore		0						
-42.5	3.0		<p>NOTES:</p> <p>1. USACE Jacksonville is the custodian for these original files.</p> <p>2. Soils are field visually classified in accordance with the Unified Soils Classification System.</p> <p>3. Elevation based on predicted tide</p> <p>4. Laboratory Testing Results</p> <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>0.0/3.0</td> <td>SP*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/3.0	SP*				Abbreviations: NR = Not Recorded.		5
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION													
1	0.0/3.0	SP*													

Boring Designation VB-SJSP06-9

<b>DRILLING LOG</b>		DIVISION South Atlantic	INSTALLATION Jacksonville District	SHEET 1 OF 2 SHEETS
1. PROJECT St. Johns County, FL SPP Borrow Area		9. SIZE AND TYPE OF BIT See Remarks		
2. BORING DESIGNATION VB-SJSP06-9		LOCATION COORDINATES X = 582,198 Y = 2,045,156	10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAJ		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Alpine 270 Vibracore on D/B Snell	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER L. Gaughf		12. TOTAL SAMPLES 3		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES 0	
6. THICKNESS OF OVERBURDEN N/A		BEARING	14. ELEVATION GROUND WATER N/A	
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING STARTED 06-15-06 COMPLETED 06-15-06		
8. TOTAL DEPTH OF BORING 12.5 Ft.		16. ELEVATION TOP OF BORING -51.3 Ft.		
		17. TOTAL RECOVERY FOR BORING Not Recorded		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-51.3	0.0						-51.3		
-52.3	1.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, trace medium-grained sand-sized shell, 10YR 6/1 gray (SP)	NR	1		Vibracore		0
			SAND, silty, mostly fine-grained sand-sized quartz, little silt, few sand to gravel-sized shell, 10Y 4/1 dark greenish gray (SM) At El. -53.6 Ft., low plasticity, some fine to medium-grained sand-sized quartz, some silt, little sand to gravel-sized shell, 10GY 4/1 dark greenish gray	NR	2		Vibracore		5
-59.3	8.0						-59.3		
-62.2	10.9		SAND, silty, mostly sand to gravel-sized shell up to 3/4", little fine-grained sand-sized quartz, little silt, 10Y 6/1 greenish gray (SM)	NR	3		Vibracore		10
-63.8	12.5		SAND, poorly-graded with silt, some fine to medium-grained sand-sized quartz, some sand to gravel-sized limestone up to 3/4", few silt, 5GY 6/1 greenish gray (SP-SM)				-63.8		
			NOTES: 1. USACE Jacksonville is the custodian for these original files. 2. Soils are field visually classified in accordance with the Unified Soils				Abbreviations: NR = Not Recorded.		

Boring Designation VB-SJSP06-9

<b>DRILLING LOG (Cont. Sheet)</b>	INSTALLATION Jacksonville District	SHEET 2 OF 2 SHEETS
PROJECT St. Johns County, FL SPP	COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)	HORIZONTAL NAD83
LOCATION COORDINATES X = 582,198 Y = 2,045,156	VERTICAL MLW	
		ELEVATION TOP OF BORING -51.3 Ft.

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE												
			Classification System.  3. Elevation based on predicted tide  4. Laboratory Testing Results  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align:left;">SAMPLE ID</th> <th style="text-align:left;">SAMPLE DEPTH</th> <th style="text-align:left;">LABORATORY CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.0/1.0</td> <td>SP*</td> </tr> <tr> <td>2</td> <td>1.0/8.0</td> <td>SP-SM*</td> </tr> <tr> <td>3</td> <td>8.0/10.0</td> <td>SP-SM*</td> </tr> </tbody> </table> <p>*Lab visual classification based on gradation curve. No Atterberg limits.</p>	SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION	1	0.0/1.0	SP*	2	1.0/8.0	SP-SM*	3	8.0/10.0	SP-SM*						
SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION																			
1	0.0/1.0	SP*																			
2	1.0/8.0	SP-SM*																			
3	8.0/10.0	SP-SM*																			

