

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS		
1. PROJECT AIWW St Augustine				9. SIZE AND TYPE OF BIT See Remarks					
2. BORING DESIGNATION VB-IWW21-SJ28-1		LOCATION COORDINATES X = 559,715 Y = 2,032,504		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL NAVD88	
3. DRILLING AGENCY CESAW - Wilmington District, Snell		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL		☐ AUTO HAMMER ☐ MANUAL HAMMER			
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES		DISTURBED 3		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING ☒ VERTICAL ☐ INCLINED				DEG. FROM VERTICAL		BEARING			
6. THICKNESS OF OVERBURDEN N/A				13. TOTAL NUMBER CORE BOXES 0		14. ELEVATION GROUND WATER			
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 03-31-22		COMPLETED 03-31-22	
8. TOTAL DEPTH OF BORING 10.9 Ft.				16. ELEVATION TOP OF BORING -9.1 Ft.		17. TOTAL RECOVERY FOR BORING 86 %			
				18. SIGNATURE AND TITLE OF INSPECTOR Jennifer Coor, Geologist					
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-9.1	0.0		SHELL, mostly sand to gravel-sized whole and broken shell fragments, some medium to coarse-grained sand-sized quartz, trace silt, 10YR 5/3 brown	100	1		-9.1 Vibracore		
-12.2	3.1		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few silt pockets, few sand to gravel-sized whole and broken shell fragments, 10YR 4/1 dark gray (SP-SM)	100	2		-12.2 Vibracore		
-13.1	4.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, some sand to gravel-sized whole and broken shell fragments, trace silt, 10YR 5/1 gray (SP)	100	3		-13.1 Vibracore		
-18.5	9.4			100			-18.5 Vibracore		
-19.9	10.9	NR		NR			-19.9 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. Laboratory Testing Results	Abbreviations:					
			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION				

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS			
PROJECT AIWW St Augustine			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL NAVD88			
LOCATION COORDINATES X = 559,715 Y = 2,032,504			ELEVATION TOP OF BORING -9.1 Ft.						
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			1 0.9/1.1 SHELL* 1_b /10.9 SP* 2 3.4/3.6 SP-SM* 3 4.4/4.6 SP* *Lab visual classification based on gradation curve						

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS		
1. PROJECT AIWW St Augustine				9. SIZE AND TYPE OF BIT See Remarks					
2. BORING DESIGNATION VB-IWW21-SJ28-2		LOCATION COORDINATES X = 560,188 Y = 2,031,662		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL NAVD88	
3. DRILLING AGENCY CESAW - Wilmington District, Snell		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL		☐ AUTO HAMMER ☐ MANUAL HAMMER			
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES		DISTURBED 3		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING ☒ VERTICAL ☐ INCLINED				DEG. FROM VERTICAL		BEARING			
6. THICKNESS OF OVERBURDEN N/A				13. TOTAL NUMBER CORE BOXES 0		14. ELEVATION GROUND WATER			
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 03-31-22		COMPLETED 03-31-22	
8. TOTAL DEPTH OF BORING 10.2 Ft.				16. ELEVATION TOP OF BORING -10.9 Ft.		17. TOTAL RECOVERY FOR BORING 91 %			
				18. SIGNATURE AND TITLE OF INSPECTOR Jennifer Coor, Geologist					
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-10.9	0.0						-10.9		
			SHELL, mostly sand to gravel-sized whole and broken shell fragments, shell up to 2", some medium to coarse-grained sand-sized quartz, trace silt, 10YR 6/3 pale brown	100	1		-11.0		
				100			Vibracore		
-12.8	1.9						-12.8		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few sand to gravel-sized whole and broken shell fragments, trace silt, 10YR 5/1 gray (SP)	100	2				
							-14.8		
				100	3				
							-17.1		
-17.1	6.2						-18.1		
			SHELL, mostly sand to gravel-sized whole and broken shell fragments, shell up to 3", some medium to coarse-grained sand-sized quartz, 10YR 5/1 gray	100					
-18.1	7.2						-20.2		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt pockets, 10YR 5/1 gray (SP)	100					
-20.2	9.3						-21.1		
-21.1	10.2	NR		NR					
			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. Laboratory Testing Results						
			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION				
			1	0.1/0.3	SHELL*				

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS			
PROJECT AIWW St Augustine			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL NAVD88			
LOCATION COORDINATES X = 560,188 Y = 2,031,662			ELEVATION TOP OF BORING -10.9 Ft.						
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			1 b /10.2 SP*						
			2 1.9/2.1 SP*						
			3 3.9/4.1 SP*						
			*Lab visual classification based on gradation curve						

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS		
1. PROJECT AIWW St Augustine				9. SIZE AND TYPE OF BIT See Remarks					
2. BORING DESIGNATION VB-IWW21-SJ29A-1		LOCATION COORDINATES X = 561,851 Y = 2,027,426		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL NAVD88	
3. DRILLING AGENCY CESAW - Wilmington District, Snell		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL		☐ AUTO HAMMER ☐ MANUAL HAMMER			
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES		DISTURBED 3		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING ☒ VERTICAL ☐ INCLINED				DEG. FROM VERTICAL		BEARING			
6. THICKNESS OF OVERBURDEN N/A				13. TOTAL NUMBER CORE BOXES 0		14. ELEVATION GROUND WATER			
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 03-31-22		COMPLETED 03-31-22	
8. TOTAL DEPTH OF BORING 10.3 Ft.				16. ELEVATION TOP OF BORING -10.8 Ft.		17. TOTAL RECOVERY FOR BORING 88 %			
				18. SIGNATURE AND TITLE OF INSPECTOR Jennifer Coor, Geologist					
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-10.8	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, 10YR 6/1 gray (SP)	100	1		-10.8		
				100			-11.2	Vibracore	
				100	2		-12.7	Vibracore	
				100			-14.7	Vibracore	
				100	3		-19.8	Vibracore	
-19.8	9.0								
-21.0	10.3	NR		NR			-21.0	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. Laboratory Testing Results SAMPLE ID SAMPLE DEPTH LABORATORY CLASSIFICATION ----- 1 0.4/0.6 SP*				Abbreviations:		

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS			
PROJECT AIWW St Augustine			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL NAVD88			
LOCATION COORDINATES X = 561,851 Y = 2,027,426			ELEVATION TOP OF BORING -10.8 Ft.						
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			1 b /10.3 SP*						
			2 1.9/2.1 SP*						
			3 3.9/4.1 SP*						
			*Lab visual classification based on gradation curve						

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS		
1. PROJECT AIWW St Augustine				9. SIZE AND TYPE OF BIT See Remarks					
2. BORING DESIGNATION VB-IWW21-SJ29A-2		LOCATION COORDINATES X = 562,059 Y = 2,027,077		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL NAVD88	
3. DRILLING AGENCY CESAW - Wilmington District, Snell		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL		☐ AUTO HAMMER ☐ MANUAL HAMMER			
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES		DISTURBED 4		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING ☒ VERTICAL ☐ INCLINED				DEG. FROM VERTICAL		BEARING			
6. THICKNESS OF OVERBURDEN N/A				13. TOTAL NUMBER CORE BOXES 0		14. ELEVATION GROUND WATER			
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 03-31-22		COMPLETED 03-31-22	
8. TOTAL DEPTH OF BORING 10.8 Ft.				16. ELEVATION TOP OF BORING -8.6 Ft.		17. TOTAL RECOVERY FOR BORING 71 %			
				18. SIGNATURE AND TITLE OF INSPECTOR Jennifer Coor, Geologist					
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-8.6	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, 10YR 6/1 gray (SP)	100			-8.6		
					1		-9.5		
				100			Vibracore		
					2		-11.5		
				100			Vibracore		
					3		-12.5		
				100			Vibracore		
					4		-14.5		
				100			Vibracore		
-16.3	7.7						-16.3		
		NO RECOVERY		NR			Vibracore		
-19.4	10.8						-19.4		
			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. Laboratory Testing Results				Abbreviations:		
			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION				

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS			
PROJECT AIWW St Augustine			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL NAVD88			
LOCATION COORDINATES X = 562,059 Y = 2,027,077			ELEVATION TOP OF BORING -8.6 Ft.						
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			1 0.9/1.1 SP* 1_b /10.8 SP* 2 2.9/3.1 SP* 3 3.9/4.1 SP* 4 5.9/6.1 SP* *Lab visual classification based on gradation curve						

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District			SHEET 1 OF 2 SHEETS		
1. PROJECT AIWW St Augustine				9. SIZE AND TYPE OF BIT See Remarks					
2. BORING DESIGNATION VB-IWW21-SJ29A-3		LOCATION COORDINATES X = 562,252 Y = 2,026,673		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83		VERTICAL NAVD88	
3. DRILLING AGENCY CESAW - Wilmington District, Snell		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL		☐ AUTO HAMMER ☐ MANUAL HAMMER			
4. NAME OF DRILLER L. Gaughf				12. TOTAL SAMPLES		DISTURBED 3		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING ☒ VERTICAL ☐ INCLINED				DEG. FROM VERTICAL		BEARING			
6. THICKNESS OF OVERBURDEN N/A				13. TOTAL NUMBER CORE BOXES 0		14. ELEVATION GROUND WATER			
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 04-01-22		COMPLETED 04-01-22	
8. TOTAL DEPTH OF BORING 11.3 Ft.				16. ELEVATION TOP OF BORING -10.1 Ft.		17. TOTAL RECOVERY FOR BORING 88 %			
				18. SIGNATURE AND TITLE OF INSPECTOR Jennifer Coor, Geologist					
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-10.1	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, 10YR 7/1 light gray (SP)	100			-10.1		
					1		Vibracore		
				100			Vibracore		
					2		-13.0		
				100			Vibracore		
					3		-14.0		
				100			Vibracore		
							-18.3		
			From El. -18.3 to -20.1 Ft., mostly fine to medium-grained sand-sized quartz, some sand to gravel-sized whole and broken shell fragments, 10YR 6/2 light brownish gray	100			Vibracore		
-20.1	10.0						-20.1		
		NR		NR			Vibracore		
-21.4	11.3						-21.4		
			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. Laboratory Testing Results				Abbreviations:		

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS					
PROJECT AIWW St Augustine			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL NAVD88					
LOCATION COORDINATES X = 562,252 Y = 2,026,673			ELEVATION TOP OF BORING -10.1 Ft.								
ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS			% REC.	BOX OR SAMPLE	RQD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
			SAMPLE ID	SAMPLE DEPTH	LABORATORY CLASSIFICATION						
			1	0.9/1.1	SP*						
			1_b	/11.3	SP*						
			2	2.9/3.1	SP*						
			3	3.9/4.1	SP*						
			*Lab visual classification based on gradation curve								