

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT Dauphin Island Supplemental Investigation Dauphin Island, Alabama			9. SIZE AND TYPE OF BIT 3.0 In.	
2. BORING DESIGNATION DIVC-22-04			10. COORDINATE SYSTEM/DATUM Alabama State Plane West	
3. DRILLING AGENCY Athena Technologies			11. MANUFACTURER'S DESIGNATION OF DRILL Mechanical Vibracore System	
4. NAME OF DRILLER Athena			<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			12. TOTAL SAMPLES 5	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			13. TOTAL NUMBER CORE BOXES	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			14. ELEVATION GROUND WATER	
8. TOTAL DEPTH OF BORING 20.0 Ft.			15. DATE BORING 01-13-22 12:02	
			16. ELEVATION TOP OF BORING -20.1 Ft.	
			17. TOTAL RECOVERY FOR BORING 18.6 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR Beth Forrest, PhD	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-20.1	0.0					
-24.1	4.0		SAND, fine to medium grained, quartz, trace clay, trace shell hash, trace silt, 0.5" clay pockets @ 3.2' and 3.9', light brownish gray (2.5Y-6/2), (SP).		1	Sample #1, Depth = 2.0' Mean (mm): 0.27, Phi Sorting: 0.49 Fines (230): 1.09% (SP)
-33.4	13.3		SAND, fine grained, quartz, trace clay, trace shell fragments, trace shell hash, trace silt, trace whole shell, whole shells and shell fragments up to (0.25"), shell hash lamina @ 8.1', 0.5" silt pocket @ 10.6', (0.75"x2.5") clay pockets @ 10.9', 11.1' and 11.4', 3.0" clay pocket @ 12.8', gray (2.5Y-5/1), (SP).		2	Sample #2, Depth = 8.0' Mean (mm): 0.26, Phi Sorting: 0.61 Fines (230): 1.18% (SP)
-35.2	15.1		SAND, fine grained, quartz, some clay, trace shell hash, trace silt, dark gray (2.5Y-4/1), (SC).		3	Sample #3, Depth = 11.6' Mean (mm): 0.21, Phi Sorting: 0.48 Fines (230): 1.18% (SP)
-36.8	16.7		CLAY, soft, dark grayish brown (2.5Y-4/2), (CL).		4	Sample #4, Depth = 14.3' Mean (mm): 0.18, Phi Sorting: 0.49 Fines (230): 26.84% (SC)
-38.6	18.5		SAND, fine grained, quartz, trace shell hash, trace silt, 0.5" silt pocket @ 17.2', gray (5Y-5/1), (SP).		T1	Sample #T1, Depth = 15.8' Ave. Field Vane (tsf): 0.15
-40.1	20.0		No Recovery.		5	Sample #5, Depth = 17.6' Mean (mm): 0.21, Phi Sorting: 0.43 Fines (230): 1.64% (SP)
			End of Boring			