

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<b>1. PROJECT</b> Dauphin Island Supplemental Investigation Dauphin Island, Alabama			<b>9. SIZE AND TYPE OF BIT</b> 3.0 In.	
<b>2. BORING DESIGNATION</b> DIVC-22-01			<b>10. COORDINATE SYSTEM/DATUM</b> Alabama State Plane West	
<b>3. DRILLING AGENCY</b> Athena Technologies			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> Mechanical Vibracore System	
<b>4. NAME OF DRILLER</b> Athena			<b>12. TOTAL SAMPLES</b> 9	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			<b>13. TOTAL NUMBER CORE BOXES</b> 0	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>14. ELEVATION GROUND WATER</b> 0	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>15. DATE BORING</b> 01-13-22 09:05	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -20.0 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 17.5 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> Sarah Finkle	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-20.0	0.0					
			SAND, fine to medium grained, quartz, trace clay, trace shell hash, trace silt, clay is distributed in lamina, shell hash increases with depth, light brownish gray (2.5Y-6/2), (SP).		1	Sample #1, Depth = 1.2' Mean (mm): 0.22, Phi Sorting: 0.43 Fines (230): 1.13% (SP)
-25.2	5.2				2	Sample #2, Depth = 3.8' Mean (mm): 0.27, Phi Sorting: 0.56 Fines (230): 1.72% (SP)
-28.5	8.5		SAND, fine to medium grained, quartz, trace clay, trace shell fragments, trace shell hash, trace silt, clay is distributed in lamina, shell fragments up to (0.25"x0.5"), (1.0"x2.0") ring of clay @ 5.4', 2.0" sandy clay pocket @ 8.2', color is mottled gray (5Y-6/1) and, light olive gray (5Y-6/2), (SP).		3	Sample #3, Depth = 6.2' Mean (mm): 0.24, Phi Sorting: 0.60 Fines (230): 1.35% (SP)
					4	Sample #4, Depth = 7.8' Mean (mm): 0.31, Phi Sorting: 0.65 Fines (230): 1.51% (SP)
-32.9	12.9		SAND, fine to medium grained, quartz, trace clay, trace shell fragments, trace shell hash, trace silt, shell fragments up to (0.5"x1.0"), clay is distributed in lamina @ 10.6', gray (5Y-6/1), (SP).		5	Sample #5, Depth = 9.4' Mean (mm): 0.27, Phi Sorting: 0.70 Fines (230): 1.43% (SP)
					6	Sample #6, Depth = 12.0' Mean (mm): 0.25, Phi Sorting: 0.66 Fines (230): 1.46% (SP)
-36.6	16.6		SAND, fine grained, quartz, little shell hash, trace clay, trace silt, clay is distributed in pockets up to 4.0" and lamina, gray (2.5Y-5/1), (SP-SM).		7	Sample #7, Depth = 13.9' Mean (mm): 0.20, Phi Sorting: 0.56 Fines (230): 7.80% (SP-SM)
-37.5	17.5		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to (0.5"x0.75"), gray (5Y-6/1), (SM).		8	Sample #8, Depth = 16.1' Mean (mm): 0.22, Phi Sorting: 0.52 Fines (230): 1.72% (SP)
			No Recovery.		9	Sample #9, Depth = 17.0' Mean (mm): 0.22, Phi Sorting: 0.56 Fines (230): 1.50% (SP)
-40.0	20.0					
			End of Boring			

DAUPHIN ISLAND 2022.GPJ 1/31/22