

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<b>1. PROJECT</b> Alligator Point Sand Search Alligator Point, Florida			<b>9. SIZE AND TYPE OF BIT</b> 3.0 In. <b>10. COORDINATE SYSTEM/DATUM</b> HORIZONTAL VERTICAL Florida State Plane North NAD 1983 NAVD 88	
<b>2. BORING DESIGNATION</b> APVC-05-36		<b>LOCATION COORDINATES</b> X = 2,009,617 Y = 309,884	<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER Pneumatic Vibracore <input type="checkbox"/> MANUAL HAMMER	
<b>3. DRILLING AGENCY</b> GFA International		<b>CONTRACTOR FILE NO.</b>	<b>12. TOTAL SAMPLES</b> <b>DISTURBED</b> <b>UNDISTURBED (UD)</b>	
<b>4. NAME OF DRILLER</b> Fred Kaub, P.G.			<b>13. TOTAL NUMBER CORE BOXES</b>	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <b>DEG. FROM VERTICAL</b> <b>BEARING</b> <input type="checkbox"/> INCLINED			<b>14. ELEVATION GROUND WATER</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>15. DATE BORING</b> <b>STARTED</b> <b>COMPLETED</b> 10-10-05 13:15 10-10-05 13:23	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -9.1 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 20.4 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> KW	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-9.1	0.0					
			SAND, fine to medium grained, quartz, trace silt, trace whole shell, very dark gray (5Y-3/1) silty sand pockets (1"x1.5") @ 0.3', (3"x0.75") @ 0.7', (1"x0.5") @ 1.8', (1"x1.5") @ 4.5', and (2"x1.5") @ 5.2'; whole shells (3"x3") @ 4.9' and (2"x1") @ 6.6', light gray (5Y-7/1), (SP).		1	Sample #1, Depth = 2.0' Mean (mm): 0.26, Phi Sorting: 0.53 Shell: 0%, Fines (230): 1.16% (SP)
					2	Sample #2, Depth = 6.0' Mean (mm): 0.26, Phi Sorting: 0.96 Shell: 2%, Fines (230): 1.58% (SP)
-16.4	7.3				3	Sample #3, Depth = 8.0' Mean (mm): 0.28, Phi Sorting: 0.99 Shell: 2%, Fines (230): 3.07% (SP)
-17.5	8.4		SAND, fine to medium grained, quartz, trace shell hash, trace silt, trace whole shell, very dark gray (5Y-3/1) silty sand pockets (2"x2") @ 7.6' and (2"x2.5") @ 8.0'; whole shell (1.5"x1.5") @ 8.3'; shell fragment (1"x1") @ 8.3', olive gray (5Y-5/2), (SP).		4	Sample #4, Depth = 9.3' Mean (mm): 0.31, Phi Sorting: 1.04 Shell: 2%, Fines (230): 4.68% (SP)
-19.1	10.0		SAND, fine to medium grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, whole shell (1"x0.5") @ 10.0', olive gray (5Y-4/2), (SP).			
			SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, whole shell (3"x3") @ 12.8', very dark gray (5Y-3/1), (SW-SM).		5	Sample #5, Depth = 11.0' Mean (mm): 0.28, Phi Sorting: 0.89 Shell: 1%, Fines (230): 8.44% (SW-SM)
-24.1	15.0					
			SAND, fine to medium grained, quartz, little silt, trace shell fragments, trace shell hash, trace whole shell, whole shells (1"x1") @ 17.6' and (2"x1.5") @ 19.6'; bit sample from 20.0' to 20.4', very dark gray (5Y-3/1), (SM).		6	Sample #6, Depth = 19.0' Mean (mm): 0.35, Phi Sorting: 0.99 Shell: 1%, Fines (230): 11.61% (SM)
-29.5	20.4					
			End of Boring			

FLORIDA DEP ROSS APVC-31 TO 43.GPJ FL DEP ROSS.GDT 11/30/05