

<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-05-12		<b>LOCATION COORDINATES</b> X = 2,001,291 Y = 318,461		<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> 09-29-05 18:38 09-29-05 18:47	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -13.4 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 17.8 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
-13.4	0.0					
-16.1	2.7		SAND, fine to medium grained, quartz, little silt, trace shell fragments, trace shell hash, trace whole shell, shell fragments (1"x 1") @ 0.3' and 1.3', very dark gray (5Y-3/1), (SP-SM).		1	Sample #1, Depth = 1.0' Mean (mm): 0.21, Phi Sorting: 1.04 Shell: 2%, Fines (230): 8.19% (SP-SM)
-17.7	4.3		SAND, fine to medium grained, quartz, trace silt, very dark gray (5Y-3/1) silty sand pockets (1"x 2") @ 3.0' and (1"x 1.5") @ 3.5', light gray (5Y-7/2), (SP-SM).		2	Sample #2, Depth = 3.8' Mean (mm): 0.26, Phi Sorting: 0.76 Shell: 0%, Fines (230): 3.89% (SP-SM)
-19.1	5.7		SAND, fine to medium grained, quartz, little silt, light brownish gray (10YR-6/2), (SP-SM).		3	Sample #3, Depth = 5.0' Mean (mm): 0.24, Phi Sorting: 0.63 Shell: 0%, Fines (230): 8.39% (SP-SM)
-22.2	8.8		SAND, fine to medium grained, quartz, trace silt, very dark gray (5Y-3/1) silty sand pockets (0.5"x 0.5") @ 7.3', 7.5', and 7.7', pale brown (10YR-6/3), (SP).		4	Sample #4, Depth = 7.0' Mean (mm): 0.22, Phi Sorting: 0.65 Shell: 0%, Fines (230): 4.12% (SP)
-23.2	9.8		SAND, fine to medium grained, quartz, trace silt, very dark gray (5Y-3/1) silty sand pockets (1"x 1") @ 9.3', (1"x 3") @ 9.6', white (5Y-8/1), (SP).		5	Sample #5, Depth = 9.3' Mean (mm): 0.17, Phi Sorting: 0.60 Shell: 0%, Fines (230): 1.94% (SP)
-24.5	11.1		SAND, fine to medium grained, quartz, little silt, very dark gray (5Y-3/1) silty sand pocket (1"x 1") @ 10.6', light brownish gray (10YR-6/2), (SP-SM).		6	Sample #6, Depth = 10.5' Mean (mm): 0.18, Phi Sorting: 0.72 Shell: 0%, Fines (230): 8.02% (SP-SM)
-25.6	12.2		SAND, fine to medium grained, quartz, some silt, very dark gray (5Y-3/1) silty sand pocket (3"x 4") @ 11.3', gray (5Y-5/1), (SM).		7	Sample #7, Depth = 11.7' Mean (mm): 0.16, Phi Sorting: 0.76 Shell: 0%, Fines (230): 20.34% (SM)
-26.5	13.1		CLAY, little sand, light olive gray (5Y-6/2) sand pocket (3"x 2") @ 12.8', very dark gray (5Y-3/1), (CL).		8	Sample #8, Depth = 12.6' Mean (mm): 0.13, Phi Sorting: 0.76 Shell: 0%, Fines (230): 68.48% (CL)
-31.2	17.8		SAND, fine grained, quartz, trace silt, very dark gray (5Y-3/1) silty sand pocket (3"x 1") @ 15.2', light gray (5Y-7/2), (SP-SM).		9	Sample #9, Depth = 16.0' Mean (mm): 0.12, Phi Sorting: 0.36 Shell: 0%, Fines (230): 6.33% (SP-SM)
-33.4	20.0		No Recovery.			
			End of Boring			

FLORIDA DEP ROSS APVC-11 TO 20.GPJ FL DEP ROSS.GDT 11/30/05