


## Boring Designation CB-DUC03-21A

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District		SHEET 1 OF 2 SHEETS			
1. PROJECT Duval County, FL; BEC, Offshore Borrow Area				9. SIZE AND TYPE OF BIT 3" Vibracore					
2. BORING DESIGNATION CB-DUC03-21A		LOCATION COORDINATES X = 2,180,512 Y = 567,917		10. COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83			
3. DRILLING AGENCY Athena Technologies		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Athena Technologies Vibracore System		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER			
4. NAME OF DRILLER G. Bonn				12. TOTAL SAMPLES 2		UNDISTURBED (UD) 0			
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES 0		14. ELEVATION GROUND WATER N/A			
6. THICKNESS OF OVERBURDEN 0.0 Ft.				15. DATE BORING 08-11-03		COMPLETED 08-11-03			
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				16. ELEVATION TOP OF BORING -56.2 Ft.		17. TOTAL RECOVERY FOR BORING 63 %			
8. TOTAL DEPTH OF BORING 16.0 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Julie Minton, Geologist					
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/1 FT.	N-VALUE
-56.2	0.0						-56.2		
-57.0	0.8		SAND, poorly-graded, mostly medium-grained sand-sized quartz, trace silt, trace shell, strong reaction with HCl, moist, gray 5Y 5/1 (SP)	100	S-1		Vibracore		
-58.4	2.2		SAND, clayey, mostly fine to medium-grained sand-sized quartz, little clay, few shell, strong reaction with HCl, moist, greenish gray 5GY 5/1 (SC)	100			Vibracore		
			SAND, silty, mostly fine to medium-grained sand-sized quartz, some sand to gravel-sized shell up to 3/4", little silt, strong reaction with HCl, moist, greenish gray 5GY 5/1 (SM)	100	S-2		Vibracore		
-62.1	5.9		At El. -61.5 Ft., white 5Y 8/1						
-62.7	6.5		CLAY, fat, high plasticity, no reaction with HCl, moist, greenish gray 5GY 5/1 (CH)						
			SAND, clayey, mostly medium-grained sand-sized quartz, little clay, strong reaction with HCl, moist, olive gray 5Y 4/2 (SC)	48			Vibracore		

DRILLING LOG (Cont. Sheet)			INSTALLATION Jacksonville District			SHEET 2 OF 2 SHEETS			
PROJECT Duval County, FL; BEC, Offshore Borrow Area			COORDINATE SYSTEM/DATUM State Plane, FLE (U.S. Ft.)		HORIZONTAL NAD83	VERTICAL MLLW			
LOCATION COORDINATES X = 2,180,512 Y = 567,917			ELEVATION TOP OF BORING -56.2 Ft.						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	% REC.	BOX OR SAMPLE	ROD OR UD	REMARKS	BLOWS/ 1 FT.	N-VALUE
-72.2	16.0			48			Vibracore		
			NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. Water Depth 60.0 feet						