

DRILLING LOG		INSTALLATION
1. PROJECT Cumberland Shoals Project		10. SIZE AND TYPE OF BIT 4" VIBRACORE
2. LOCATION (Coordinates of Station) X=614759.413 Y=2312583.600		11. DATE FOR ELEVATION FROM (TBM or MSL) MLLW
3. DRILLING AGENCY ACSS/Olsen & Associates, Inc.		12. MANUFACTURER'S DESIGNATION OF DRILL ALPINE PNEUMATIC VIBRACORE
4. FILLING the space on drawing table and the number SM-R		13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 4 undisturbed: 0
5. NAME OF DRILLER E. Olsen		14. TOTAL NUMBER OF CORE BOXES 2
6. DIRECTION OF TIDE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		15. ELEVATION GROUND WATER
7. THICKNESS OF BURDEN (ft.)		16. DATE HOLE STARTED COMPLETED 4-1-02 4-4-02
8. DEPT. DRILLED IN CORE (ft.)		17. ELEVATION TOP OF HOLE -28.3 ft.
9. TOTAL DEPTH OF HOLE 20.2 FT.		18. TOTAL CORE RECOVERY FOR BORING 100 %
		19. SIGNATURE OF G. Zanis, Sr., Inc.

ELEV.	DEPTH	LOG NO.	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-28.3	0.0					28.3
-29.5	1.2		Light gray fine quartz sand, 10 YR 7.5/0.5-8/0.5 (SW)		10	
-30.7	2.4		Light gray medium to fine quartz sand, scattered gray, black and light brown shell fragments in fine to medium gravel range, 10 YR 7/0.5-7/1 (SW)	100	20	
-32.3	4.0		Light gray fine quartz sand, mixed with abundant gray to white shell fragments in fine to coarse gravel range, some quartz gravel, 10 YR 7.5/0.5-7/0.5 (SW)	40		-33.3
-33.8	5.6		Light gray medium to fine quartz sand, some gray whole shells and shell fragments in fine to medium gravel range, 10 YR 7.5/0.5 (SW)		10	
-35.8	7.6		Layer of coarse shell fragments and fine quartz sand and silt, 10 YR 7/0.5 (SW)	100		
-38.7	10.4		Yellowish fine quartz sand and silt with few scattered inclusions of gray plastic clay and large white shells, 10 YR 7.5/0.5-8/3 (SM)			
			Brownish gray medium to fine silty quartz sand, medium plasticity, 10 YR 6/2.0 (SW)	100		-38.7
-41.7	13.4					
-42.6	14.3		Large white oyster shells in matrix of medium to fine quartz gray quartz sand, 10 YR 7/0.5 (SW)			
			Brown medium quartz sand, abundant silt, inclusions of plastic clay, scattered large white oyster shells, 10 YR 4/2 (SM)	100		43.3
-46.5	20.2					
						Composite 0-5.0 ft.
						Revised 7/29/02