

DRILLING LOG		Hole No. SM 5R2	
1. PROJECT Cumberland Shoals Project		10. SIZE AND TYPE OF BIT 4" VIBRACORE	
2. LOCATION (Coordinates & Station) X=518270.000 Y=2318828.000		11. DATUM FOR ELEVATION (Name of Spot) MLLW	
3. DRILLING AGENCY AOSIS/Olsen & Associates, Inc.		12. MAIN FACTORY'S DESIGNATION OF DRILL ALPINE PNEUMATIC V. BRACOR	
4. HOLE NO. (As shown on Drawing title and log number) SM-5R2		13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 0 undisturbed: 0	
5. NAME OF DRILLER E. Olsen		14. TOTAL NUMBER OF CORE BOXES 2	
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> OBLIQUE		15. ELEVATION GROUND WATER	
7. THICKNESS OF BURDEN 0 FT.		16. DATE/NOTE STARTED COMPLETED 4-4-02 4-4-02	
8. DEPTH DRILLED INTO ROCK 0 FT.		17. ELEVATION TOP OF HOLE -11.9 FT.	
9. TOTAL DEPTH OF HOLE 10.2 FT.		18. TOTAL CORE RECOVERY FOR HOLE 100 %	
		19. SIGNATURE OF C. Zenile, SEA, Inc.	

DEPTH	LOG ID	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	REMARKS
-0.0	0.0			0.0
-0.3	1.4	Light brownish gray medium to fine quartz sand, abundant light gray to light brown shell fragments and whole shells in coarse sand to coarse gravel range. 10 YR 7.5/1.5-7.5/2 (SP)	100	3.0
		Light gray fine quartz sand, few thin layers of dark gray plastic clay. 10 YR 7.5/0.5 (SP)		
-2.4	6.6		80	15.9
-5.4	6.5	Gray plastic clay. 10 YR 5/0.5 (CL)		
-6.8	8.8	Gray to light gray medium to fine quartz sand, thin layers of dark gray plastic clay. 10 YR 7/0.5 (SP)	100	
		Light gray medium to fine quartz sand interbedded with dark gray plastic clay layers. 10 YR 7/0.5 (SM)		
-21.6	8.7		90	
		Light gray fine quartz sand, thin layers of dark plastic clay. 10 YR 7.5/0.5-7.5/1 (SP)		
-23.1	11.2			-21.8
-23.6	11.5	Light gray to gray medium quartz sand, thin layers and scattered inclusions of gray shell fragments in fine to coarse gravel range. 10 YR 7/0.5 (SP)	100	13.0
		Grayish brown silty quartz sand. 10 YR 8/2 (SM)		
		Light gray to grayish brown medium quartz sand, abundant shell fragments and whole shells in fine to coarse gravel range. 10 Yr 7/0.5-5/2 (SP)	100	16.6
-27.1	10.2			16.6
Composite 0-13.0 FL				
Revised 7/29/02				

ENG FORM IRM-1 (REVISED EDITIONS ARE OBSOLETE) MAR 71	PROJECT Cumberland Shoals Project	HOLE NUMBER SM 5R2
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