

DRILLING LOG		DIVISION		LOCATION		SHEET 1 OF 1	
1. PROJECT Cumberland Shoals Project				10. SIZE AND TYPE OF BIT: 4" VIBRACORE			
2. LOCATION (Geographic or State)				11. DATE FOR ELEVATION SHOWN (MAY 1962)			
X=508357.600 Y=9521414.500				M.L.W.			
3. DRILLING AGENCY ACSS/Olsen & Associates, Inc.				12. MANUFACTURER'S DESIGNATION OF DRILL ALPINE PNEUMATIC VIBRACORE			
4. HOLE NO. (As shown on drawing file and file number) SM-1R1-1R2				13. TOTAL NO. OF CORES/REF. SAMPLES TAKEN Disturbed: 4 Undisturbed: 0			
5. NAME OF DRILLER F. Olsen				14. TOTAL NUMBER OF CORE BOXES: 2			
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				15. ELEVATION GROUND WATER			
7. THICKNESS OF BURDEN: 0 Ft.				16. DATE HOLE STARTED COMPLETED 4-4-02 4-4-02			
8. DEPTH DRILLED INTO ROCK: 0 Ft.				17. ELEVATION TOP OF HOLE: -19.4 Ft.			
9. TOTAL DEPTH OF HOLE: 19.5 Ft.				18. TOTAL CORE RECOVERY FOR BORING: 100 %			
				19. SIGNATURE OF F. Olsen, ACSS, Inc.			
ELEV.	DEPTH	LOG CODE	CLASSIFICATION OF MATERIALS (Description)	CORE REC. %	LOG CODE	REMARKS	
-19.4	0						0
-19.8	.4		Dark gray plastic clay. 10 YR 5/1 (CL)	100	10		
			Light gray fine quartz sand, interbedded with 1" to 2" layers of dark gray plastic clay. 10 YR 7.5/1 (SM)	100	30		2.5
-23.6	4.1		Light gray fine quartz sand, few thin layers of dark gray plastic clay, scattered white shell fragments in coarse sand to fine gravel range. 10 YR 7.5/1 (SP)	100	30		5
-25.7	6.3		Light gray fine quartz sand, 1" to 4" layers of dark gray plastic clay. 10 YR 7.5/1 (SP)	100	80		7.5
-27.4	8.0		Dark gray plastic clay. 10 YR 5/1 (CL)	100	80		10
-27.8	8.4		Light gray medium to fine quartz sand, few thin layers of gray plastic mud. 10 YR 7.5/0.5 (SP)	100			12.5
-29.2	10.5		Light brown medium to fine silty quartz sand. 10 YR 7/2 7/2 (SM)	100			15
				100			17.5
-36.9	19.5						20
						Composite 0-9.0 ft	
						Revised 7/29/02	
							22.5