Hole No. SM-6R1

DRILLING LOG

DIVISION

INSTALLATION

SHEET 1 OF 1

1. PROJECT: Cumberland Shoals Project
2. LOCATION (Coordinates or Station): X=5182/7,200 Y=2318934.200
3. DRILLING AGENCY: AOSS/Olsen & Associates, Inc.
4. HOLE NO. (As shown on drawing title and file number): SM-6R1
5. NAME OF DRILLER: F. Olsen
6. DIRECTION OF HOLE: [X] VERTICAL [ ] INCLINED
7. THICKNESS OF BURDEN: 0 Ft.
8. DEPTH DRILLED INTO ROCK: 0 Ft.
9. TOTAL DEPTH OF HOLE: 12.7 Ft.
10. SIZE AND TYPE OF BIT: 4" VIBRACORE
11. DATUM FOR ELEVATION SHOWN (TBM or MSL): MLLW
12. MANUFACTURER'S DESIGNATION OF DRILL: A FINE PNEUMATIC VIBRACORE
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN: disturbed: 6 undisturbed: 0
14. TOTAL NUMBER OF CORE BOXES: 2
15. ELEVATION GROUND WATER:
16. DATE HOLE: STARTED 4-1-02 COMPLETED 4-4-02
17. ELEVATION TOP OF HOLE: -1.0 Ft.
18. TOTAL CORE RECOVERY FOR BORING: 100 %
19. SIGNATURE OF: Zerillo, SEA, Inc.

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-11.8	.0					-11.8
-13.3	1.4		Light brownish gray medium to fine quartz sand, very abundant shell fragments and whole shells in coarse sand to medium gravel range. 10 YR 7/1.5-7/2 (SW)		0.5	
			Light gray fine quartz sand, few thin layers of gray plastic clay, scattered shell fragments in medium gravel range. 10 YR 7.5/0.5 (SP)	100	2.0	
					4.0	-16.9
-18.0	6.1				6.0	
			Light gray fine quartz sand, thin layers of shell fragments in coarse sand to medium gravel range, few thin layers of gray plastic clay. 10 YR 7/0.5-7.5/0.5 (SP)	100	9.0	
-21.8	9.9					-21.9
			Light gray medium to fine quartz sand, abundant thin layers of shell fragments in coarse sand to medium gravel range. 10 YR 7.5/0.5-7.5/0.5 (SP)		11.0	
-24.9	12.7			100		-24.8
						-26.9

Composite 0-11.0 ft.

Revised 8/4/02

0 2.5 5 7.5 10 12.5 15 17.5 20 22.5

ENG FORM 1836 PREVIOUS EDITIONS ARE OBSOLETE. MAR 71

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