Hole No. SM-3

DRILLING LOG

DIVISION

INSTALLATION

SHEET 1 OF 1

1. PROJECT
Cumberland Shoals Project

2. LOCATION (Coordinates or Station)
X=512975.600 Y=2319795.900

3. DRILLING AGENCY
AOSS/Olsen & Associates, Inc.

4. HOLE NO. (As shown on drawing title and file number) SM-3

5. NAME OF DRILLER
E. Olsen

6. DIRECTION OF HOLE
☒ VERTICAL ☐ INCLINED

7. THICKNESS OF BURDEN 0 Ft.

8. DEPTH DRILLED INTO ROCK 0 Ft.

9. TOTAL DEPTH OF HOLE 13.6 Ft.

10. SIZE AND TYPE OF BIT 4" VIBRACORE

11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
MLLW

12. MANUFACTURER'S DESIGNATION OF DRILL
ALPINE PNEUMATIC VIBRACORE

13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN
disturbed: 5 undisturbed: 0

14. TOTAL NUMBER OF CORE BOXES 2

15. ELEVATION GROUND WATER

16. DATE HOLE STARTED 4-4-02 COMPLETED 4-4-02

17. ELEVATION TOP OF HOLE -10.5 Ft.

18. TOTAL CORE RECOVERY FOR BORING 100 %

19. SIGNATURE OFG. Zarillo, SEA, Inc.

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-10.5	.0					-10.5
-11.8	1.3		Brown to light brown silty fine quartz sand, inclusions of gray plastic clay. 10 YR 6/2-6/3 (SM)	100		
-12.2	1.7		Dark gray plastic clay. 10 YR 4/0.5 (CL)		1.0	
-13.3	2.8		Gray to brownish gray silty, fine quartz sand, thin layers and inclusions of gray plastic clay. 10 YR 4/2 (SM)		3.0	
-15.9	5.4		Light gray to light brownish gray fine quartz sand, some silt, thin layers and inclusions of gray plastic clay. 10 YR 7/1-7/2 (SP)			-15.5
-18.6	8.1		Light gray fine quartz sand, few thin layers of dark gray plastic clay. 10 YR 7/0.5-7/1 (SP)	100	7.0	
-21.1	10.6		Light gray medium to fine quartz sand, layers of gray to white shells and shell fragments in coarse sand to medium gravel range, thin layers of dark gray plastic clay. 10 YR 7/0.5-7.5/0.5 (SP)		9.0	-20.5
-21.5	11.0		Layers of dark gray plastic clay interbedded with layers of light gray fine quartz sand. 10 YR 5/1 (SM)	100	12.0	
-24.1	13.6		Light gray fine quartz sand, few thin layers of dark gray plastic clay. 10 YR 7/0.5-7/1 (SP)			-24.1

No Composite.

Revised 7/29/02

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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