

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK-7

CORE NO: LBVC-37

COORDINATES: DATE: AUG 21 1995

WATER DEPTH: 35.0 Ft. NGVD

N = 1123855 START TIME: 1448

DRILLER: EXMAR

E = 235872 END TIME: 1458

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"
LENGTH OF BARREL: 12.0'
PENETRATION DEPTH: 8.4'
LENGTH RECOVERED: 8.4'
PERCENT RECOVERED: 100 %
LENGTH RETAINED : 8.4'

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS
TRIMBLE GPS SYSTEM 4000SE LSII
TRIMBLE PRO BEACON USCG RECEIVER

WEATHER:

WIND:

DIR: SE
SPEED: 0-5 Kt

WAVES:

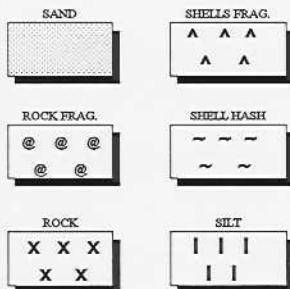
DIR: SE
HEIGHT 1-2 Ft

CURRENT:

DIR: NORTH
SPEED: 0-1 Kt

ANALYSIS BY : MDA

ANALYSIS METHOD:
VISUAL LOGGING
MECHANICAL SIEVE



| ELEV. | DEPTH | LEGEND | DESCRIPTION | SAMP NO. | REMARKS |
|-------|-------|--------------|--|-----------|--|
| 35.0' | 0.0 | | | | |
| 37.0' | 2.5 | | LIGHT GRAY (5Y 7/1), FINE GRAINED SAND | 1 2.0' | 2.74 Phi 0.15 mm 4.0 % SILT (SP) |
| 40.0' | 5.0 | | LIGHT GRAY (5Y 7/1), FINE GRAINED SAND | 2 5.0' | 2.75 Phi 0.15 mm 6.9 % SILT (SP - SM) |
| 42.7' | 7.5 | | LIGHT GRAY (5Y 7/1), FINE GRAINED SAND | 3 7.7' | 2.74 Phi 0.15 mm 13.6 % SILT (SS) |
| 43.4' | 8.4 | ▲ ▲ ▲ ▲ ▲ | GRAY (5Y 6/1), SILT WITH SHELL FRAGMENTS | | |
| | | X X X X X | ROCK | | |
| | 10.0 | | | | |

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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