

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK-7

CORE NO: LBVC-34

COORDINATES: DATE: AUG 21 1995

WATER DEPTH: 39.0 Ft. NGVD

N = 1125411 START TIME: 1356

DRILLER: EXMAR

E = 236612 END TIME: 1405

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 11.5'

LENGTH RECOVERED: 9.5'

PERCENT RECOVERED: 83 %

LENGTH RETAINED : 9.4'

BIT SAMPLE CONTAINED ROCK FRAG.

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSI

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 |
|-------|-------|--------|---|-----------|--|
| 39.0' | 0.0 | | | | |
| 41.0' | 2.5 | | LIGHT GRAY (5Y 7/1), FINE GRAINED SAND | 1 2.0' | 2.79 Phi 0.14 mm 7.2 % SILT (SP - SM) |
| 44.2' | 5.0 | | LIGHT GRAY (5Y 7/1), FINE GRAINED SAND | 2 3.2' | 2.64 Phi 0.16 mm 8.5 % SILT (SP - SM) |
| 45.5' | 5.6 | | GRAY (5Y 6/1), FINE TO MED. GRAINED SAND WITH SHELL HASH SHELL FRAGMENT | 3 6.5' | 1.47 Phi 0.36 mm 18.1 % SILT (SS) |
| | 7.0 | | | | |
| | 7.5 | | | | |
| | 10.0 | | LT. GRAY (5Y 7/1), SILT WITH ROCK FRAGMENTS | | |
| | 11.5 | | LT. GRAY (5Y 7/1), SILT WITH ROCK FRAGMENTS | | |
| 50.5' | | | ROCK | | |

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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