

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 5A

CORE NO: LBVC - 52A

COORDINATES: DATE: AUG 19 1995

WATER DEPTH: 36.0 Ft. NGVD

N = 1111990

START TIME: 1158

DRILLER: EXMAR

E = 240689

END TIME: 1202

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

ELEV. (NGVD)

SAND DEPTH

LEGEND

DESCRIPTION

SAMP NO.

REMARKS

LENGTH OF BARREL: 12.0'

-36.0'

0.0

PENETRATION DEPTH: 11.5'

JETTED TO : 5.0'

LENGTH RECOVERED: 5.9'

PERCENT RECOVERED: 95 %

LENGTH RETAINED : 5.9'

BIT SAMPLE CONTAINED ROCK FRAG.

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSII

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER :

WIND :

DIR : NW

SPEED : 0 - 5 Kt

WAVES :

DIR : NW

HEIGHT 1 - 2 Ft

CURRENT :

DIR : NORTH

SPEED : 1-2 Kt

ANALYSIS BY : MDA

ANALYSIS METHOD:

VISUAL LOGGING

MECHANICAL SIEVE



-41.0'

5.0

-42.0'

7.5

-45.5'

9.9

-47.5'

11.5

J
E
T
T
E
D

T
O

5.0'

LIGHT GRAY (5Y 7/1), FINE GRAINED SAND

DARK GRAY (5Y 4/1), FINE TO MED. GRAINED SAND WITH SHELL HASH & ROCK GRAINS

GRAY (5Y 5/1), FINE TO MED. GRAINED SAND WITH SILT & SHELL FRAGMENT LAYERS

GRAY (5Y 6/1), FINE GRAINED SAND W/ SILT, CLAY AND ROCK FRAGMENTS

ROCK

1
7.0'

2
9.5'

1.39 Phi
0.38 mm
3.3 % SILT (SP)

1.45 Phi
0.37 mm
28.1 % SILT (SS)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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