

Summary of Vibracore 20

This vibracore is represented by a sediment suite of mixed terrigenous clastic and biogenic carbonate grains. The sediments are largely of coarse sand size with lithified clasts that range from fine gravel size to the width of the core tube. Only the lithified zones suggest that horizontal stratification is present within the sediment column. Although quartz-rich terrigenous sediments are present, the bulk of this sand is composed of fragmented shell material. The lithified clasts appear to be composed of cemented host sediment and may represent horizons of seafloor exposure, low sediment input, and subsequent lithification.

LITHOLOGIC LOG

Vibracore 20 / PB 1 # 13

DEPTH
FEET

0

1

2

3

4

5

6

7

8

GRAVEL

COARSE SAND

MEDIUM SAND

FINE SAND

SILT

CLAY

CROSS BED.

RIPPLE-BED.

PARALLEL BED.

INCLINED BED.

MASSIVE BED.

DISTORTED BED.

BURROWING

SHELL

ORGANICS

DIAGENETIC INCL.

NORMAL GRAD.

REVERSE GRAD.

CORAL/ALGAL

RADIOGRAPH

CORE SECTION

sec
1

sec
2

LITHOLOGIC LOG

Vibracore 20 / PB 1 #13

DEPTH
FEET

8

9

10

11

12

13

14

15

16

GRAVEL

COARSE SAND

MEDIUM SAND

FINE SAND

SILT

CLAY

CROSS BED.

RIPPLE-BED.

PARALLEL BED.

INCLINED BED.

MASSIVE BED.

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BURROWING

SHELL

ORGANICS

DIAGENETIC INCL.

NORMAL GRAD.

REVERSE GRAD.

CORAL/ALGAL

RADIOGRAPH

CORE SECTION

sec
2

sec
3

LITHOLOGIC LOG

Vibracore ~~20~~ PB 1 #13

DEPTH
FEET

16

17

18

19

20

GRAVEL
COARSE SAND
MEDIUM SAND
FINE SAND
SILT
CLAY

CROSS BED.

RIPPLE-BED.

PARALLEL BED.

INCLINED BED.

MASSIVE BED.

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NORMAL GRAD.

REVERSE GRAD.

CORAL/ALGAL

RADIOGRAPH

CORE SECTION

sec
4

COMPACTION = 4 inches