

UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-77
 ELEVATION: (-14.8') -4.51m
 CORE LENGTH: 5.40m
 TOTAL DEPTH: (8.67) 5.69m

DATE: 6/16/00 DESCRIBED BY: Ph:l
 LOCATION: (pvc 47) Nearshore, Baston Bay
 LAT/LONG: 29° 16.788' / 89° 40.454'
 COMPACTION: 0.29m

SEDIMENTARY TEXTURE AND STRUCTURES					% SAND	PHYSICAL CHARACTERISTICS					STRATIFICATION TYPE					SAMPLE										
CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND	GRAVILE	INTERVAL	COLOR	DEFORMATION	BED THICKNESS	% SHELL	% ORGANIC	% BIOTURBATION	WAVEY	FLASER	LENTICULAR	CROSS BED	MASSIVE BED	INCLINED BED	HORIZ. LAMINATION	GRAIN-SIZE	HEAVY MINERAL	MICRO FOSSILS	RADIOMETRIC	RADIOGRAPH	PHOTOGRAPH	

PHYSICAL DESCRIPTION

Unit B₁: 0-279 cm
 Dark grey laminated silty clay with occasional fine sands. Thick, relatively clean, fine sands @ 279-261 cm and 205-187 cm.
 Thinner, relatively clean, fine sand layer @ 212-215 cm.
 Sandy mud @ 251-231 cm.
 Increasing silt content above 71 cm, becoming slightly sandy above 50 cm.
 Large amount of woody debris @ 186-192 cm.
 Wood fragment @ 77 cm.
 Heavy shell lag @ 19-13 cm and 10-5 cm.
 Contact with B₂ sharp.

B₂: 279-540 cm
 Dark grey (with redish-brown lining) laminated, silty clay unit. Frequent very fine sand lenses and layers of cross-bedded very fine sand.
 No notable bioturbation or shells

0-178 cm ML 0-5.84 ft
 178-279 cm SF 5.84-9.15 ft
 279-540 cm ML 9.15-17.72 ft

0 cm

B₁

279 cm

B₂

540 cm

Dark grey with brown to redish-brown layers
 0.5-1 cm → 1-8 cm → 0.2-1 cm