USGS science for a changing world

Vibracore Description Sheet H_2O 3.5' 1.06M

Latitude: 29° 28.672

Longitude: 91° 21.359

Date Vibracored: 5-4-01

Geographic Location: Atch Bay SW of Shell Is ≈ 2KM

Core Penetration: 18.7'

Core Length: 4.52M

SEDIMENTARY TEXTURE AND STRUCTURES	% SAND	PHYSICAL CHARACTERISTICS	STRATIFICATION TYPE	SAMPLE (sampled)	PHYSICAL DESCRIPTION
CLAY, SILT, FINE SAND, MEDIUM SAND, COARSE SAND, GRANULE, INTERVAL (Meters)	0, 50, 100	COLOR, DEFORMATION, BED THICKNESS, % SHELL, % ORGANICS, % BIOTURBATION	WAVY, FLASER, LENTICULAR, CROSS BED, MASSIVE BED, INCLINED BED, HORIZON LAMINATION	GRAIN SIZE, HEAVY MINERAL, MICRO FOSSILS, RADIOMETRIC, RADIOGRAPH, PHOTOGRAPH	
0.1		LT BRN-BRN			
0.2					
0.3				✓	0-99cm Lt Brown to Brown massive App. f. g. sands, possible deformation, sharp base
0.4				✓	
0.5				✓	
0.6				✓	
0.7					
0.8				✓	
0.9				✓	99-216cm - Alternating // lams of silts rust to brown in color. become massive toward bottom.
1.0					
		BRN-RUST; <0.5cm		✓	
				✓	
				✓	
1.5				✓	216-220 Lg shell & some shell frags in sandy matrix - erosional
				✓	
				✓	221-BTM Gray massive Appearing clay with shells and shell fragments interspersed thru section, some signs of possible burrows.
2.0				✓	
2.5					
3.0		GRAY			
3.5					
4.0					
4.5					
5.0					