

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 43 PC 43APPROX. LOCATION: Eastern end
of deep lobeDATE: 21 Apr. 1990WEATHER: 10 kt breeze 3-4 ft seasWATER DEPTH (m): 3283 mRECORDED BY: TwichellNAVIGATION: Acoustic Nave

PROCESSORS: _____

WINCH: _____

MISC. EQUIP: Relay 100m above core

MISC. PROCEDURES: _____

COMMENTS: Trigger core longer than piston core - piston core 240cm

	CORE LOCATION		
	Start	On-Bottom	End
Time:	<u>2140Z</u>	<u>2241Z</u>	
LAT:	<u>26°44.48N</u>	<u>26°44.3136N</u>	
LONG:	<u>85°08.46W</u>	<u>85°08.5144W</u>	
TD:	<u>Loran C</u>	<u>35m NW of target</u>	
TD:			

CORER/CORE INFORMATION

	Piston Core	Trigger Core
Core Head Wt (lbs.):	<u>2800 lb</u>	
Barrel Length (m):	<u>6 m</u>	<u>1 m</u>
Total Penetration (m):		
Recovery (m):		<u>82 cm</u>
Flow-in (m):		
Lowering Rate (m/min.):	<u>3213</u>	
Max. Wire Out (m):	<u>60m/min to 315m / 25m/min to bottom</u>	
Pullout:	<u>4.2 3210m</u>	

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	<u>0-0.39</u>	
2		
3		
4		
5		
6		
7		
8		
9		
10		

+ C/c

TC 43

0-0.82

+ C/c

VISUAL CORE DESCRIPTION

F-4-90

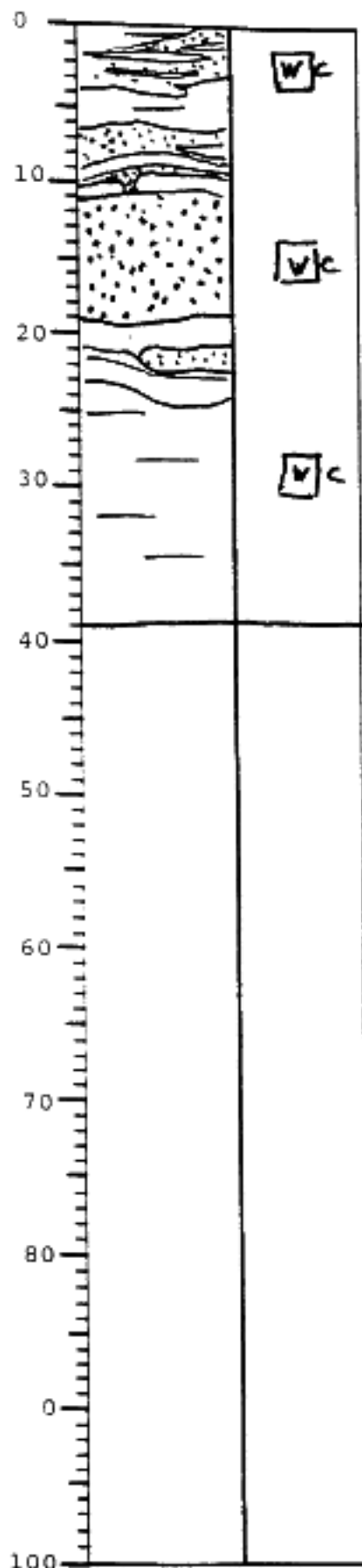
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Kenyon

Sta. _____ Core No. PC 43

Lithologic Log

Detailed Description



Top of core

0-11 Mixture of dark yellowish brown 10YR 4/2 clay and 10YR 4/2 clayey, silty, sand (very fine sand predominates)

11-19 Slightly muddy fine sand - 10YR 4/2

19-23 Multicolored clay bands surrounding a silt. Dominant colours - olive gray 5Y 4/1 and light olive gray 5Y 5/2

BASE OF CORE

23-Base Homogeneous olive gray clay 5Y 4/1.

VISUAL CORE DESCRIPTION

F-4-90

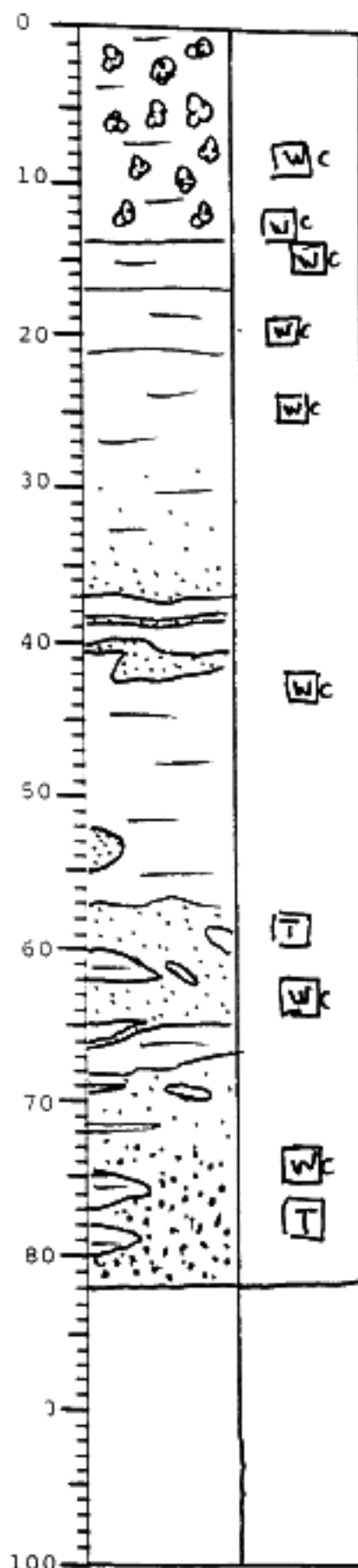
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Kenyon

Sta. _____ Core No. TC 43

Lithologic Log

Detailed Description



0-14 Greyish orange 10YR 7/4 muddy foramin sand
 12-14 Cleaner foramin sand
 14-16 Light brown clay 5YR 5/6 with forams.
 17-21 Moderate yellowish brown 10YR 5/4 clay.

21- Base of core
 Mixture of dark yellowish brown clay 10YR 4/6 and dark yellowish brown coarser material, probably forming matrix. Coarser material is muddy silt at top grading down to muddy, silty, very fine sand at base.

Boundaries of clay/matrix often indistinct.

BASE OF CORE