F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 51/GC 51
DATE: 22 April, 1990 JD 112
WEATHER: Calm
RECORDED BY: Twichell
PROCESSORS:

APPROX. LOCATION: Distal end of dye lobe
WATER DEPTH (m): 3283 m
NAVIGATION: Transponder
WINCH:

MISC. EQUIP: Relay 100 m above core.
MISC.PROCEDURES:

COMMENTS: Bugged at least to shackle above core head - core probably tipped over. ~75 cm of sediment - ~5 cm flowin at the top + lost on the outside of the cutter

CORE LOCATION

	Start	On-Bottom	End
Time:	2155Z	2254	
LAT:	26 44.34	26° 44.2605 N	
LONG:	85° 08.43	85° 08.3779 W	
TD:	Loran C	118 m E of target	
TD:			

CORER/CORE INFORMATION

	~~Piston Core~~ Gravity Core	Trigger Core
Core Head Wt (lbs.):	2800 lb	
Barrel Length (m):	3 m	
Total Penetration (m):	4 m	
Recovery (m):	~75 cm	
Flow-in (m):		
Lowering Rate (m/min.):	60 m/min	
Max. Wire Out (m):	3226	
Pullout :	5.5 3225 m	

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	0-0.71	
2		
3	+ c/c	
4		
5		
6		
7		
8		
9		
10		

VISUAL CORE DESCRIPTION

Kenyon

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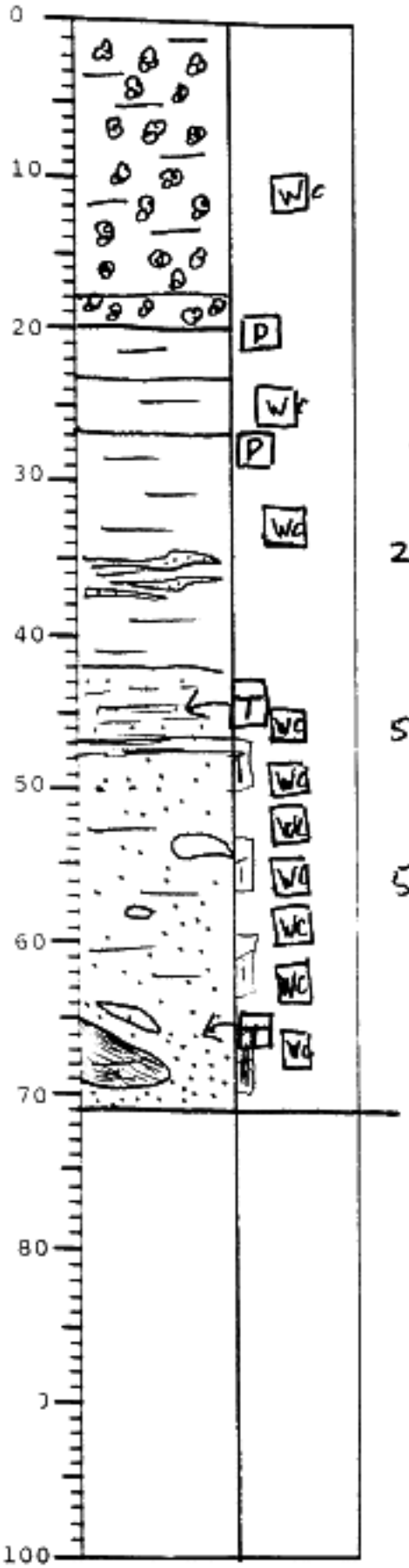
Sta. _____ Core No. GC51

Lithologic Log



Detailed Description

0-18 Moderate yellowish brown 10YR 5/4 slightly muddy foram sand

18-20 Greyish orange 10YR 7/4 clean, well sorted foram sand

20-23 Moderate brown 5YR 4/4 clay with light brown 5YR 5/6 clay as 0.5 cm band at base

23-27 Moderate yellowish brown 10YR 5/4 clay

27-53 Dark yellowish brown 10YR 4/2 clay with dark yellowish brown silty clay bands of irregular thickness

53-Base Dark yellowish brown muddy fine sand with clasts of dark yellowish brown clay.

50-51 Blebs of black organic matter