F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 57/GC57
DATE: APRIL 24, 1990 J.D. 114
WEATHER: WINDY
RECORDED BY:
PROCESSORS:

APPROX. LOCATION: HIGH B.S. YOUNGER LOBE ON MAIN LOBE
WATER DEPTH (m): 3280m
NAVIGATION: GPS
WINCH:

MISC. EQUIP:
MISC.PROCEDURES:

COMMENTS:
SANDY WITH A PLUG OF MUD HOLDING IT IN THE CORE

CORE LOCATION

	Start	On-Bottom	End
Time:	0724z	0827z	
LAT:	26° 30.85'	26° 30.8[redacted]9'	
LONG:	-085° 16.20'	-085° 16.11'	
TD:			
TD:			

CORER/CORE INFORMATION

	G. ~~Piston~~ Core	~~Trigger Core~~
Core Head Wt (lbs.):	2800 lbs	
Barrel Length (m):	3m	
Total Penetration (m):	~2m	
Recovery (m):	~1m	
Flow-in (m):	SAND FLOWING AT TOP - CORE HIGHLY DISTURBED	
Lowering Rate (m/min.):		
Max. Wire Out (m):	3220m	

PULL OUT = 3.8 tons

DO NOT SPLIT

core split 4-24 [illegible]

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	0 - 0.78	
2		
3		
4		
5		
6		
7		
8		
9		
10		

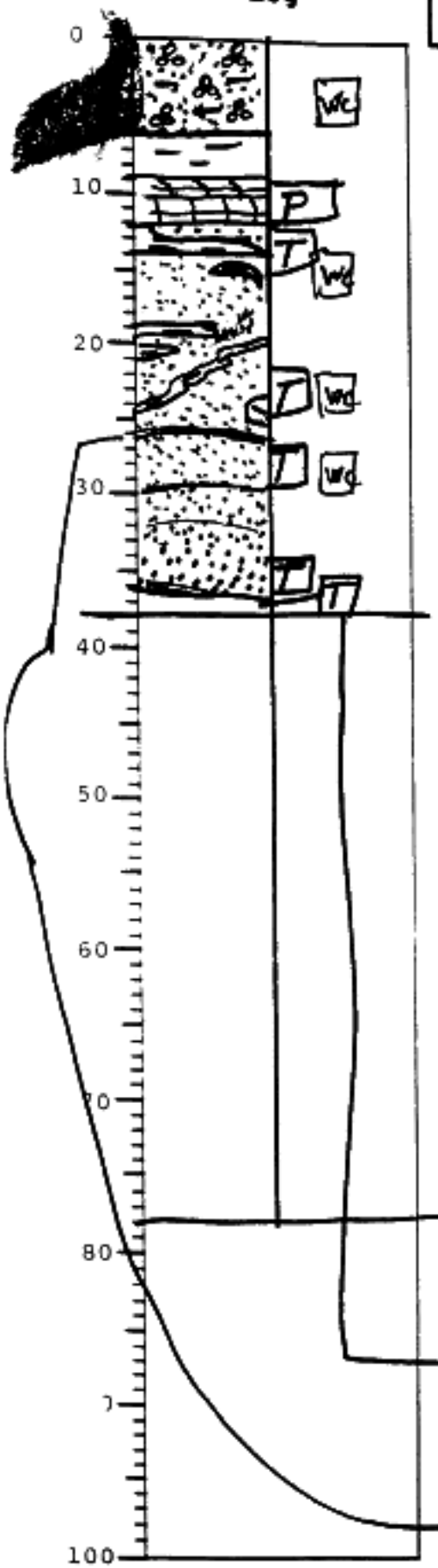
+ c/c

VISUAL CORE DESCRIPTION

F-4-90

Sta. _____ Core No. GC 57

Lithologic Log



Detailed Description

0 – 78 but core only 0 – 38

40 cm of flow-in pellets at the top & highly disturbed by barrel retrieval

0 – begins at end of Pellets

0 – 6 = dark yellowish brown (10YR 4/3) muddy sand

transitional boundary

6 – 9 = moderate " " clay

9 – 12 " brown oxidized & indurated clay → (5YR 3/4)

12-15 Olive gray clay 5Y 3/2 band in silt layer

12 – 36 all sand layers

15 – 25 massive slightly clayey silt w/ mudclasts (?) & or clay lamina @ 19 & 23

25 – .3 mm dark carbonaceous lamina

25 – 36 = laminated clean sand – silt bed

base = fine sand & top = coarse silt

35 – 1 mm clay stringer

36 – 38 = gray clay w .2 mm dark bands

End of Core including flow in

End of good core = 38

Very important question are there 2 sand beds or lower graded clean sand & upper muddy sand w/ clasts