

F-4-90
Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 7/PC7
DATE: APRIL 14, 1990 104J-D
WEATHER: Cloudy, 15k+ breeze 3ft seas
RECORDED BY: Twichell
PROCESSORS: Lee/Barber/Nelson

APPROX. LOCATION: LEVEE FLANK (N)
MAIN MISS CHANNEL
WATER DEPTH (m): 3063
NAVIGATION: Loran C
WINCH: _____

MISC. EQUIP: _____
MISC. PROCEDURES: _____

COMMENTS: THIS IS A REL. LOW REFLECTIVITY AREA OF THE LOWER

	CORE LOCATION		
	Start	On-Bottom	End
Time:	<u>1750Z</u>	<u>1845</u>	<u>1950</u>
LAT:	<u>26° 15.0'</u>	<u>26° 14.99' N</u>	<u>26° 15.12' N</u>
LONG:	<u>86° 26.1'</u>	<u>86° 26.11' W</u>	<u>86° 25.98' W</u>
TD:	_____	_____	_____
TD:	_____	_____	_____

CORER/CORE INFORMATION

	Piston Core	Trigger Core
Core Head Wt (lbs.):	<u>2300 lb</u>	_____
Barrel Length (m):	<u>6m</u>	<u>1m</u>
Total Penetration (m):	<u>to core head</u>	<u>~50cm</u>
Recovery (m):	_____	<u>37cm</u>
Flow-in (m):	_____	_____
Lowering Rate (m/min.):	<u>50 m/min</u>	_____
Max. Wire Out (m):	<u>3011m</u>	_____

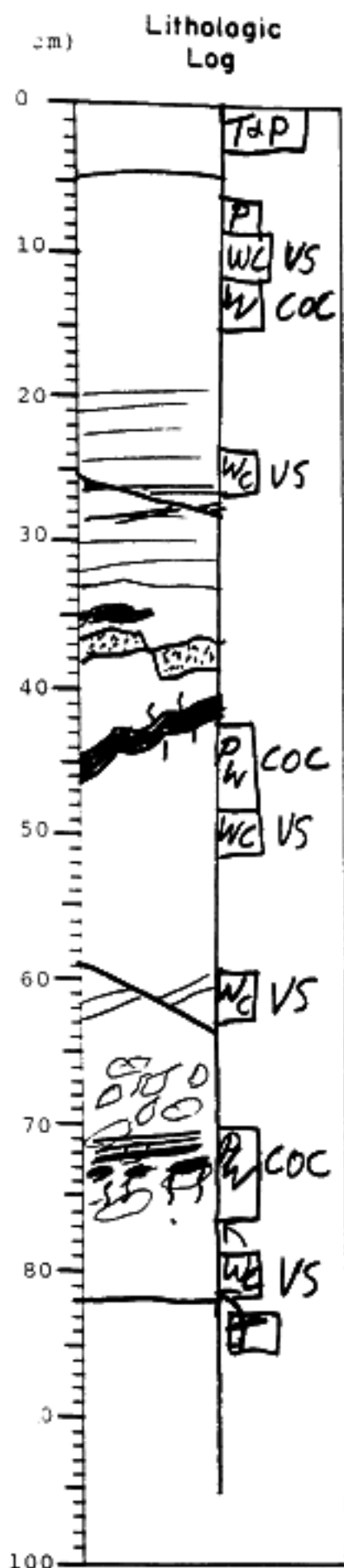
SECT. NO.	Interval (m)	Comments (Disturbance...)
1	<u>0-84</u>	_____
2	<u>+ 4c</u>	<u>- thick clay</u>
3	_____	_____
4	_____	_____
5	_____	_____
6	_____	_____
7	_____	_____
8	_____	_____
9	_____	_____
10	_____	_____

1 section

TC7 - 37cm

Sta. 7 Core No. PC 7

Detailed Description 0-



Clay 0-33

0-4 - Dusky yellowish brown (10 YR 2/2)

4-27 slightly grayer

27-33 yellowish brown again

35-80 = Olive gray 5 Y 3/3

36-39 fine-medium clean silt
no ash layerbisected
20-30 above " silt has good parallel color lam

33 cm = color contact possibly Holocene

to Pleistocene break
35 dark layer39 to 70 cm - subtle color changes
suggest chaotic bedding
and disturbance - faultsSmall normal fault here, @ silt & in yellow
clay @ 25 cm

70 - bottom appears to have flat lamination

74 - dark organic band

End of Core tube section

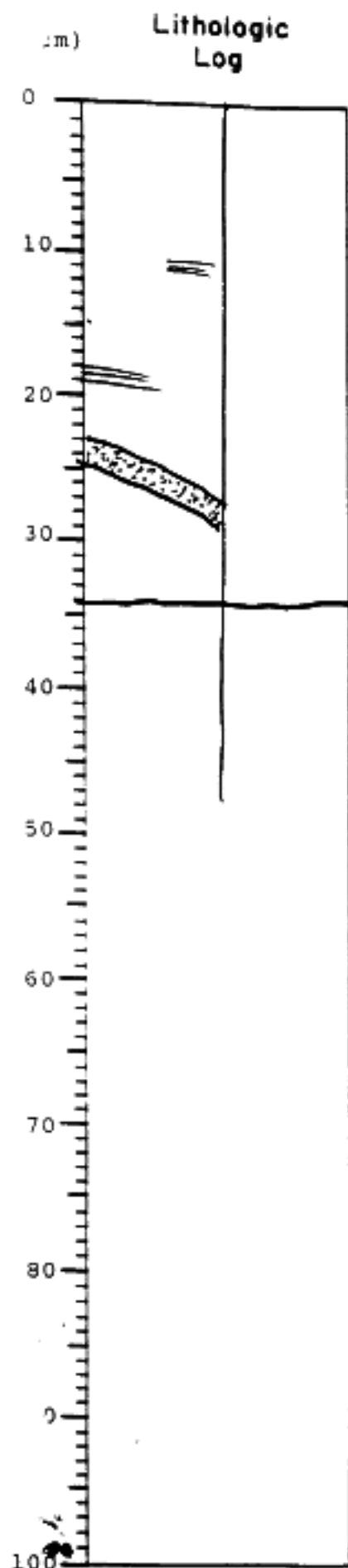
Homa - sampled every 2 cm for WC

VISUAL CORE DESCRIPTION

F-4-90

Page 1 of 1Sta. 7Core No. TC-7

CHN logged

Detailed Description

0-10 cm Dusky yellowish brown (10YR 2/2)
clay w/out any apparent ss sand
10-34 = Olive gray clay (quite stiff)
several partial black bands of color
in generally stiff clays

1 1/2 cm thick clean medium silt layer
at an angle to the core
End of core

Note that trigger^{Core} is compressed
cf. to PC

i.e. silt in TC $\approx$ 25 cm

+ in PC = 38 cm