F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 29/PC 29
DATE: APRIL 19
WEATHER: ~20 kt WINDS
RECORDED BY: J. DAUFORTH QUAYLE
PROCESSORS:

APPROX. LOCATION: ON NORTHERN FAN LOBOID
WATER DEPTH (m): 3283m
NAVIGATION: YES
WINCH:

MISC. EQUIP: TRANSPONDER WAV!
MISC. PROCEDURES:

COMMENTS: Relay 100m above trigger arm

CORE LOCATION

	Start	On-Bottom	End
Time:	1245	1348Z	
LAT:	26° 42.70'	26° 42.733	
LONG:	85° 9.50'	85° 9.5086	
TD:			
TD:			

CORER/CORE INFORMATION

	Piston Core	Trigger Core
Core Head Wt (lbs.):	2800	
Barrel Length (m):	6m	1m
Total Penetration (m):	up to weight	buried weight
Recovery (m):		85 cm
Flow-in (m):		
Lowering Rate (m/min.):		
Max. Wire Out (m):	3218m	

POLL OUT = 5.5 tons

3 sections core ~ 35m long

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	0-0.67	
2	0.67-2.16	
3	2.16-3.66	
4		
5		
6		
7	+ C/C	
8		
9		
10		

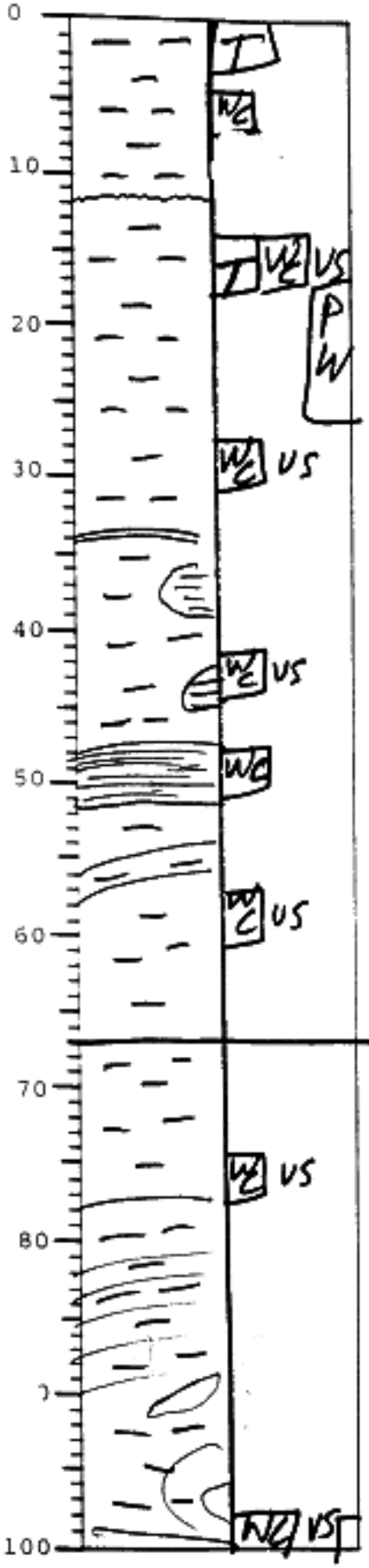
TC29 — 85 cm + C/C

VISUAL CORE DESCRIPTION

F-4-90

Sta. _____ Core No. PC29

Lithologic Log



Detailed Description

0-12 Moderate yellowish brown
contact transitional
12+ throughout core olive brownish gray clay
~5Y 3/2

12-23 subtle lter + darker banding

33cm dark banding + blobs occur in clay
↳ 51cm

51-130 faint banding + lamination
of irregular nature

End of first section

88.

88-100 very subtle chaotic structures

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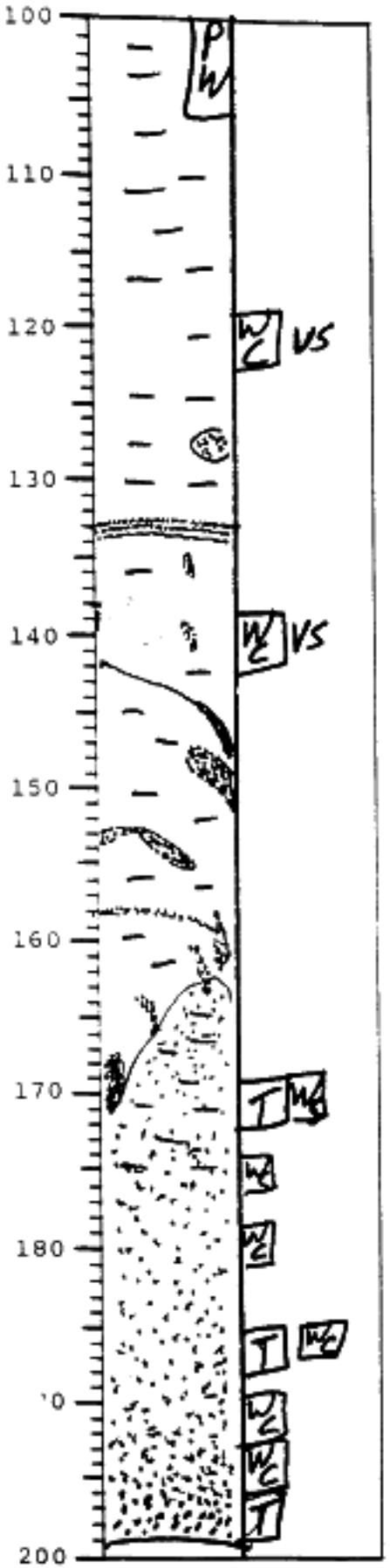

Detailed Description

165 – 199 very fine sand, grading to clayey silt, graded turbidite
– massive w/out visable gradation in structures

sharp basal contact

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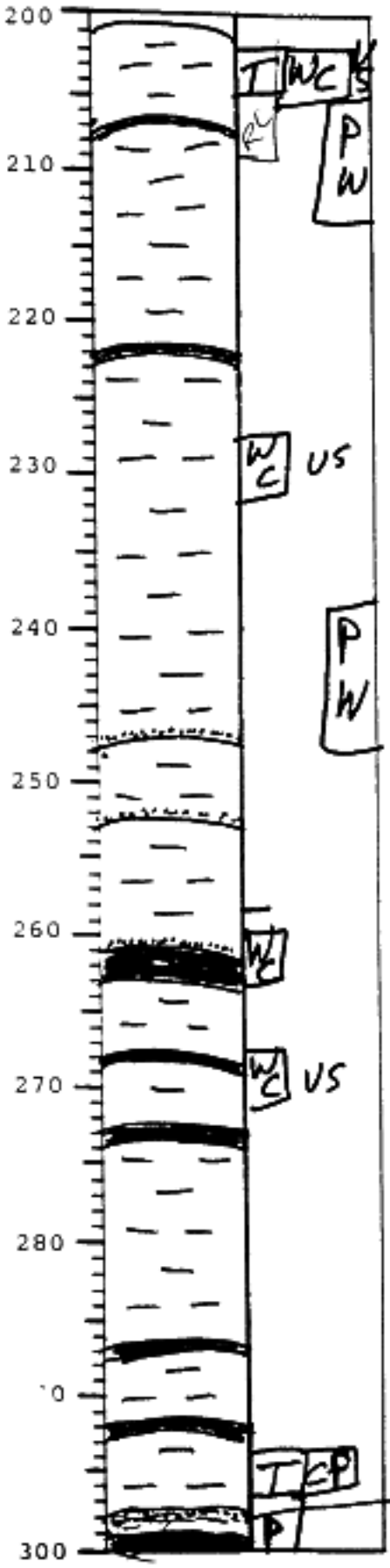

Detailed Description

200- 366 Brownish gray clay with dark bands.

350- 365 silt bands of 1mm w/ organic "

∞ sand 277-278 — paleo cf check if plank tonic winnowed or turb off Fla-escape

Dark yellowish brown clay layer below ∞ sand

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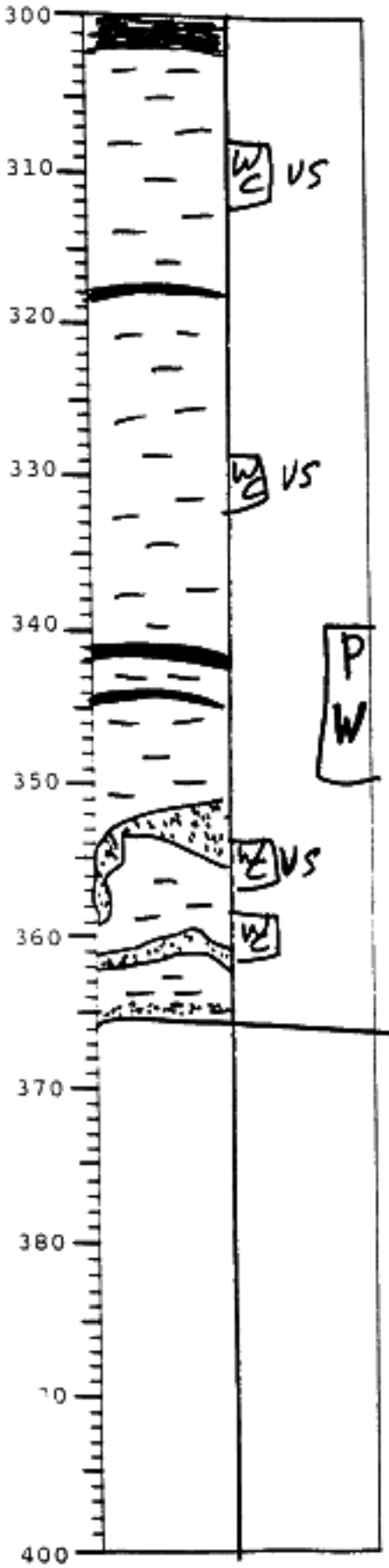

Detailed Description

299-302 = dark olive black clay band

351-354 silt bed

361-362 silt bed

End of section

365 - silt bed

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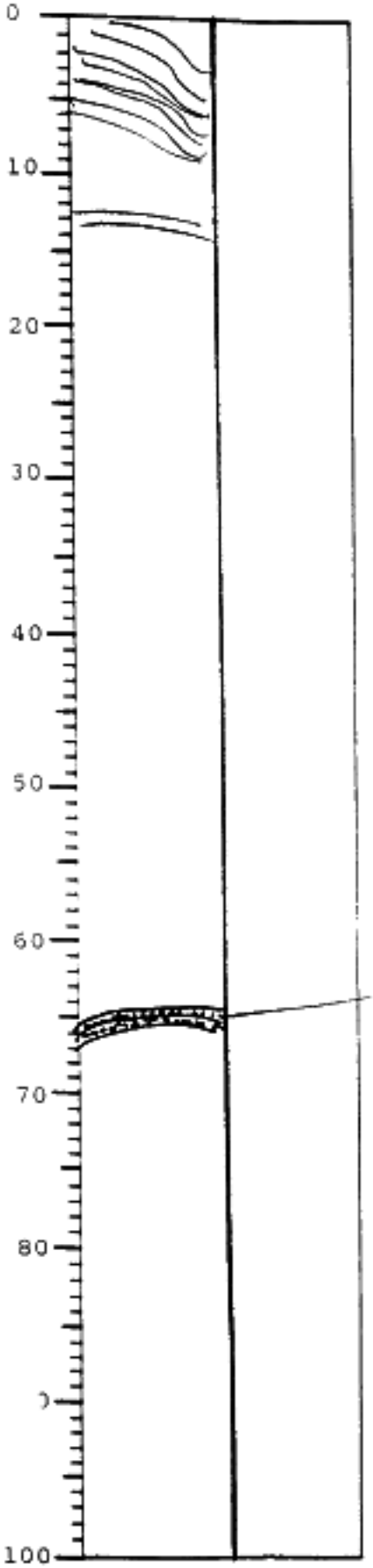

Detailed Description

- No top yellow clay but @ top has same bands that are seen from 10 - 20 cm in PC the same bands are expanded ca ≈ 50% in TC ∴ PC is compressed @ top as has been noted in other cores.

20 - 70 cm some dark bands