

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 34/PC 34
 DATE: APRIL 29, 1990 1105D
 WEATHER: HI WIND ~ 8' SEAS
 RECORDED BY: _____
 PROCESSORS: _____

APPROX. LOCATION: LOW BACKSCATTER
CAROLAN AREA OFF N. LWB
 WATER DEPTH (m): 3285 m
 NAVIGATION: TRANSPOUNDER
 WINCH: _____

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

COMMENTS: STRAT CORE

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>0850Z</u>	<u>1008Z</u>	_____
LAT:	<u>26° 42.17'</u>	<u>26° 42.1879'</u>	_____
LONG:	<u>85° 07.54'</u>	<u>85° 07.5369'</u>	_____
TD:	_____	_____	_____
TD:	_____	_____	_____

CORER/CORE INFORMATION

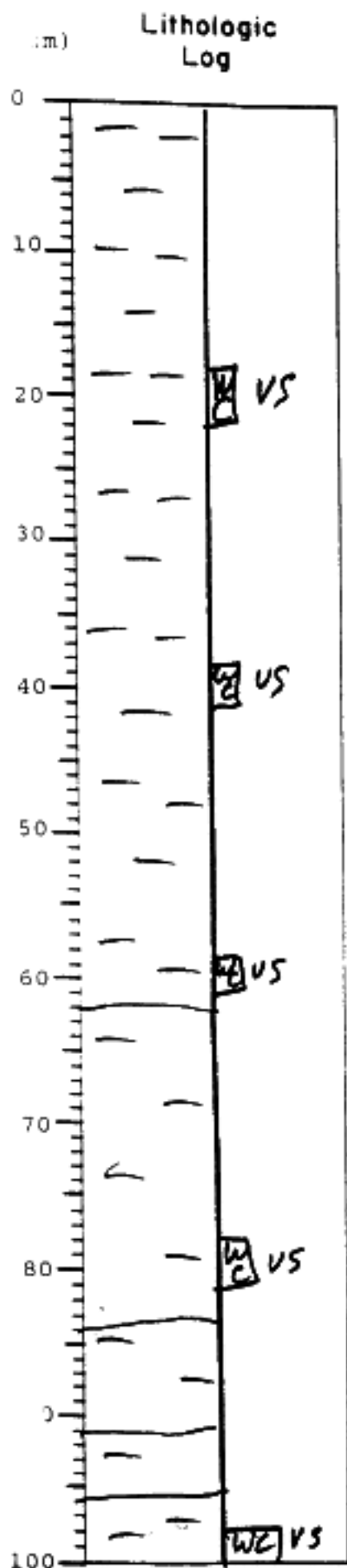
Piston Core

Trigger Core

Core Head Wt (lbs.):	<u>2800/65</u>	_____
Barrel Length (m):	<u>9m</u>	<u>1.21</u>
Total Penetration (m):	<u>11.4m THROUGH IT</u>	<u>3.32 BARREL</u>
Recovery (m):	_____	<u>74 cm</u>
Flow-in (m):	_____	_____
Lowering Rate (m/min.):	_____	_____
Max. Wire Out (m):	<u>3285</u>	_____
	<u>4.6 ton pullout</u>	_____

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	<u>0-1.48</u>	_____
2	<u>1.48-2.96</u>	_____
3	<u>2.96-4.21</u>	_____
4	<u>4.21-5.70</u>	_____
5	_____	_____
6	<u>+C/C</u>	_____
7	_____	_____
8	_____	_____
9	_____	_____
10	_____	_____

TC34 - 77m +C/C



Detailed Description

17m foram sandy clay + oxidized layer

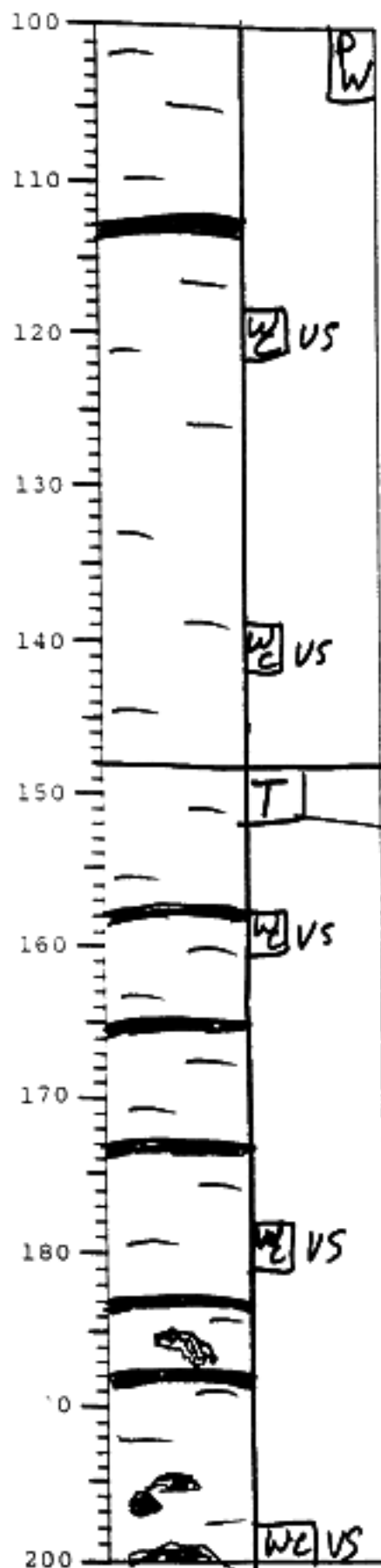
Yellowish Top - completely missing in
 0-60 olive gray clay 5Y 4/1 PC
 homogeneous

Complete core is clay except some
 slightly more silty black bands

62 first slightly darker lam

62-113 faint darker lamination - but all clay

Lithologic Log

Detailed Description

54R 4/11
change to
113 1st olive black band ~~by~~ brownish gray clay
Typically 1 cm thick + 5-10 cm spacing

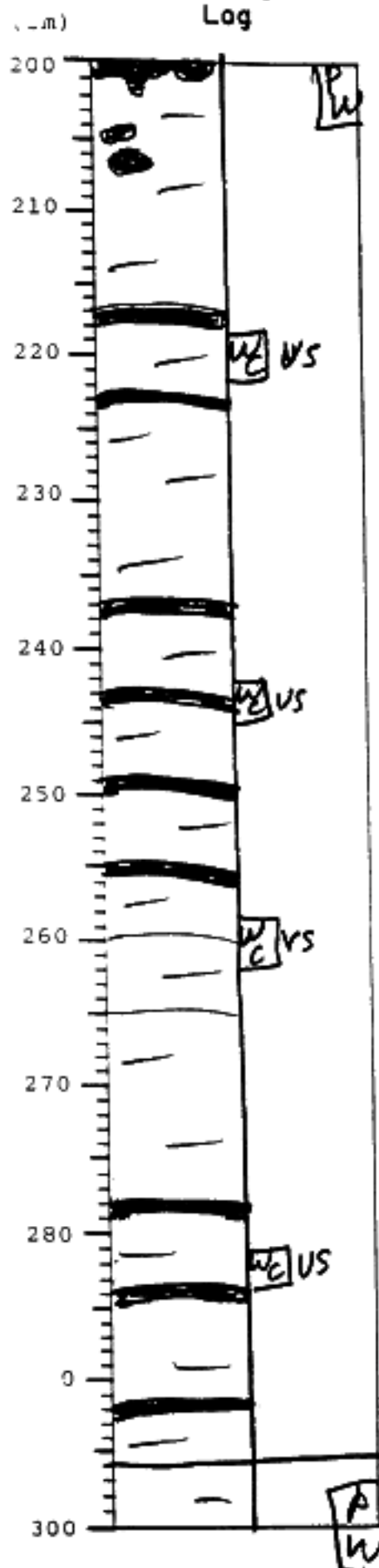
-Banded lithology extends to 300 cm
except 190-225 which has
black irreg. blebs of 1-3 cm that
may be significant bioturbation

-Between bands, small 1-3mm black
blebs occur

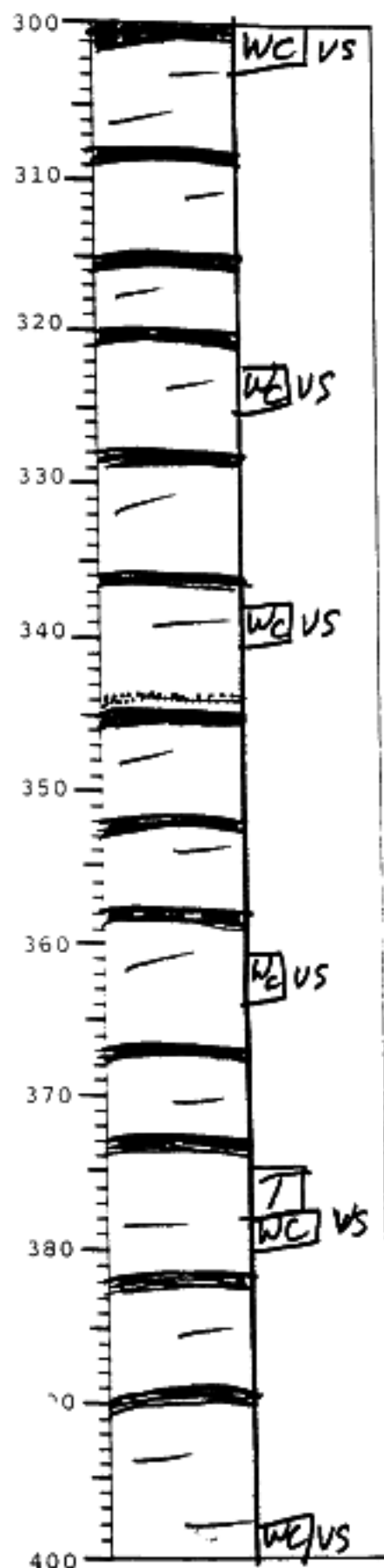
End of section

check Brownish gray clay w/ black bands

190 - start of black burrows?

Lithologic
LogDetailed Description

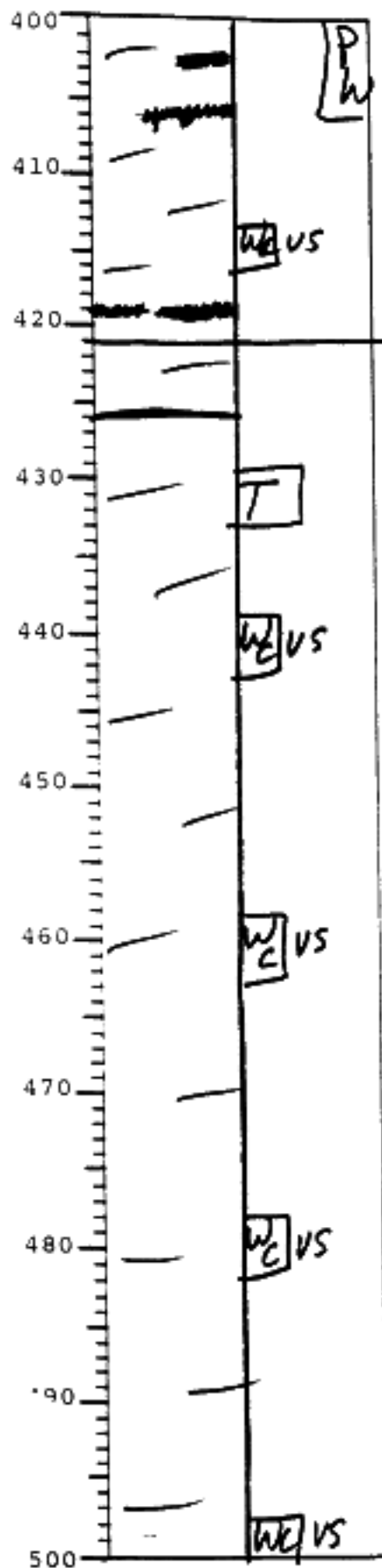
225- start of rhythmic black bands again

Lithologic
LogDetailed Description

344 - 1-2 mm siliciclastic silt layer

373 clay becomes slightly browner

a) Lithologic Log

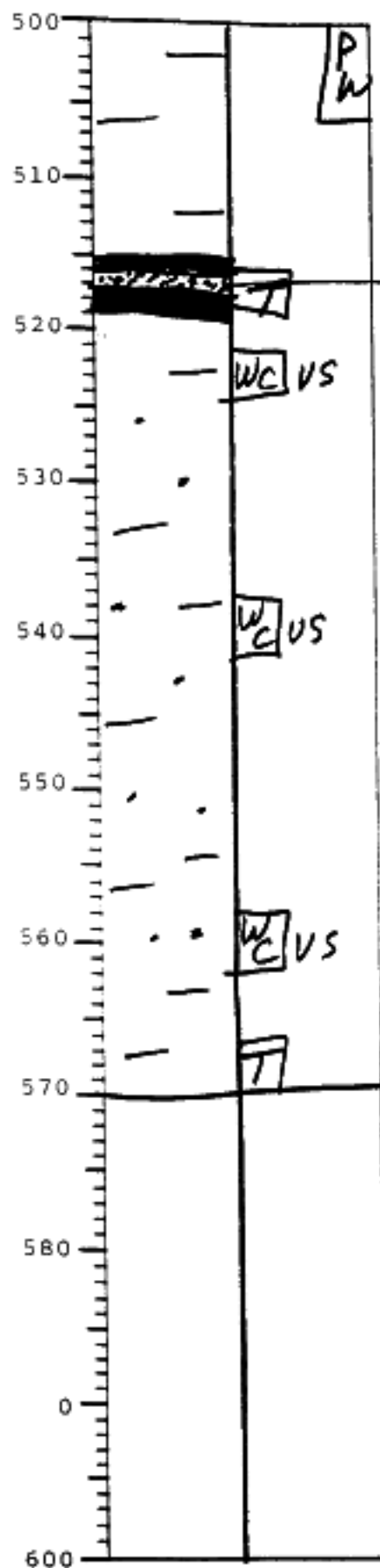
Detailed Description

402-407 bioturbation appears to have disrupted black bands

End of Section

426-515 homogeneous olive gray clay

a) Lithologic Log

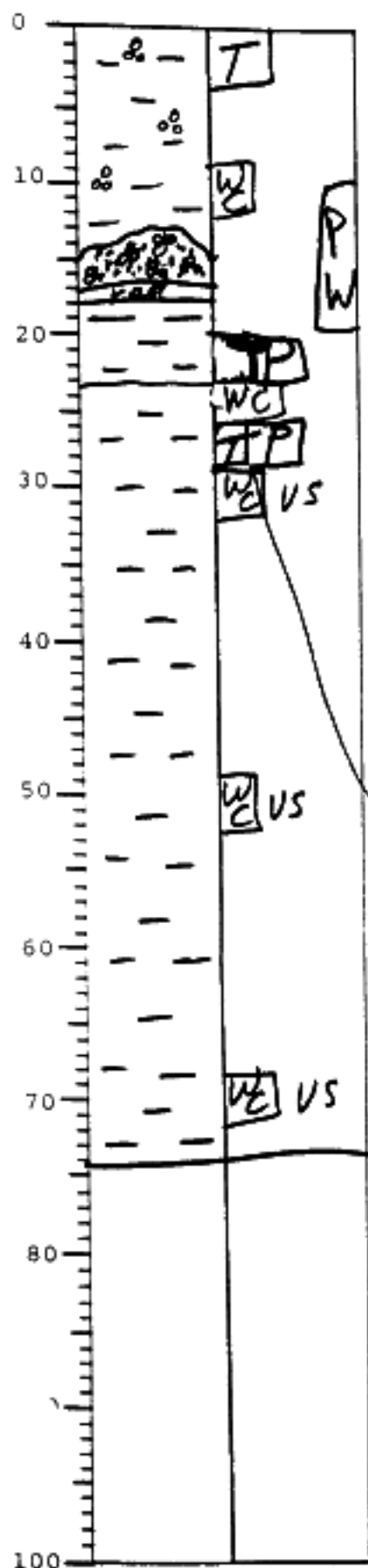
Detailed Description

516-517 Brich silt band of 1cm
519-570- homogeneous olive-gray clay
w/ occasional 1-2m black blebs

End of Section

Lithologic Log

Detailed Description



Good undisturbed top section

0-23 Moderate yellowish brown (10YR 5/4)

0-14 Foraminiferal sandy clay

14-17 " sand yellowish to whitish

17-17.5 oxidized & indurated layer

17-23 yellowish brown clay

23-25 transitional to Olive gray -

homogeneous until end of core

→ Samples taken from archive half

End of TC