

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 9/PC 9
 DATE: JD 105 15 April, 1990
 WEATHER: Fair
 RECORDED BY: Trishell
 PROCESSORS: Lee/Barber/Nelson

APPROX. LOCATION: low backscatter
area north of main channel
 WATER DEPTH (m): 3105m
 NAVIGATION: Loran C
 WINCH: _____

MISC. EQUIP: _____
 MISC. PROCEDURES: _____

COMMENTS: Length of wire between core head & trigger arm lengthened
to 18'

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>0003</u>	<u>0101</u>	<u>0220</u>
LAT:	<u>26° 16.86 N</u>	<u>26° 16.81 N</u>	<u>26° 16.96 N</u>
LONG:	<u>86° 29.40 W</u>	<u>86° 29.42 W</u>	<u>86° 23.24 W</u>
TD:	_____	_____	_____
TD:	_____	_____	_____

CORDER/CORE INFORMATION

Piston Core

Trigger Core

Core Head Wt (lbs.):	<u>2800 lb</u>	_____
Barrel Length (m):	<u>6 m</u>	<u>1 m</u>
Total Penetration (m):	<u>to base of core head</u>	<u>trigger core was dragged - had mud on top of it</u>
Recovery (m):	_____	_____
Flow-in (m):	_____	_____
Lowering Rate (m/min.):	<u>60</u>	_____
Max. Wire Out (m):	<u>3060</u>	_____

Pullout 4.5 at 3060 m

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
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2 sections

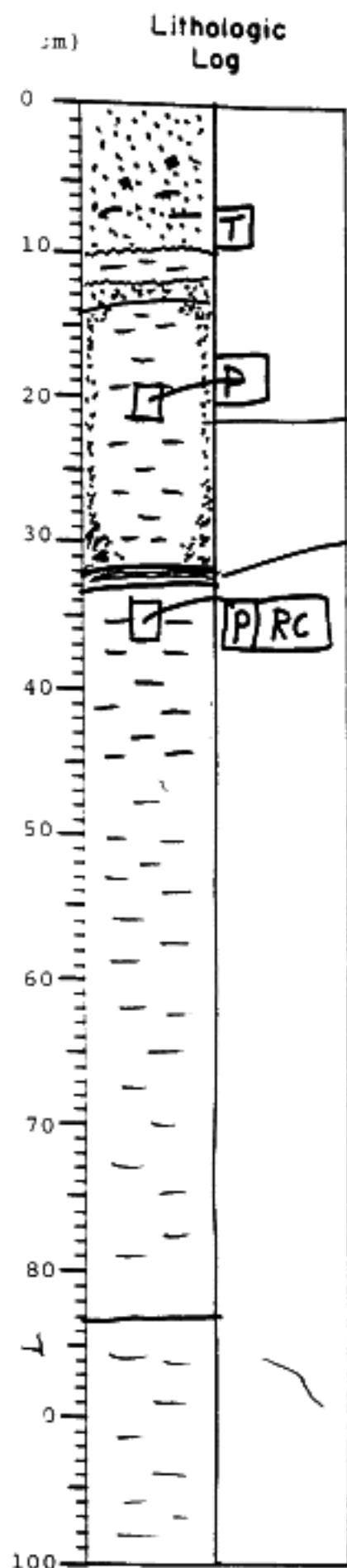
1	<u>0 - 0.84</u>	_____
2	<u>0.84 - 2.33</u>	_____
3	_____	_____
4	_____	_____
5	_____	_____
6	_____	_____
7	_____	_____
8	_____	_____
9	_____	_____
10	_____	_____

+ C/C

TC 9 0-58 cm

MULTIPLE PENETRATIONS
 NOT TESTED

Sta. 9 Core No. PC 9

Detailed Description

- 0-10+ Clean & sand w/ shell fragments + black Mn^{crust} fragments up to 3-4 mm
 - Sand may have been washed by water cleaning out clay matrix 10YR 4/2
 14-32 cm fine unconsolidated Dark Yellowish brown
 & sand appears to have washed down barrel around Holocene hemipelagic clay
 Possible Holocene to Pleistocene break
 32-33 Moderate yellowish brown 10YR 5/4 iron stained & laminated fine silt bed
 33-83 - Olive gray clay 5Y 3/2 Pleistocene(?) and dusky yellowish brown 10YR 2/2 banded clay. Repeat colour bands are approx. 1 cm to 5 cm apart.

Bottom of Top Core Section

N. Kenyon

Sta. 9 Core No. PC9

ii) Lithologic Log

Detailed Description

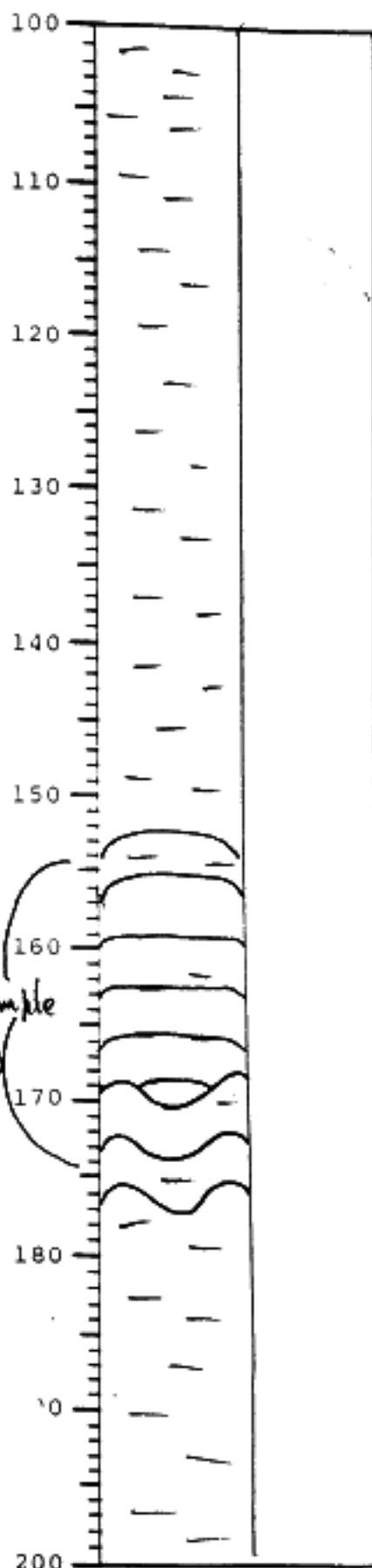
Bands of olive gray and dark yellowish brown clay. Spacing of colour band "couplets" is about 1cm to 3cm.

layers are bent down at edges above here

Possible repenetration below here?

layers are bent down at edges and in centre below here

160-200cm Finely banded <1cm spacing - same colours as above.



VISUAL CORE DESCRIPTION

F-4-90

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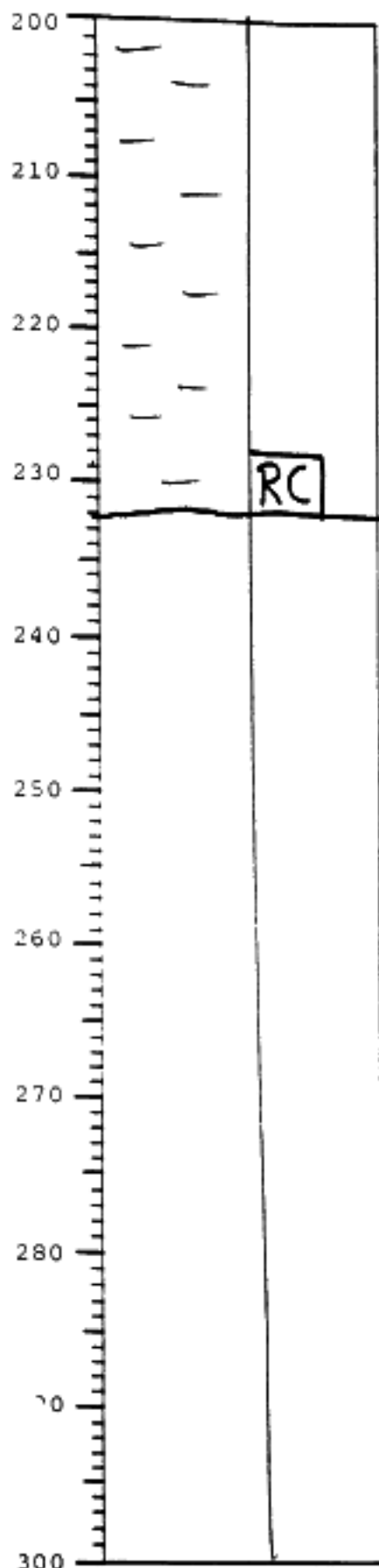
N. Kenyon

Sta. _____ Core No. PC9

Lithologic Log

Detailed Description

.cm)



200-229 cm. Apparently unbanded olive gray clay

229-232 Banded clay

Bottom of Core