

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 26/PC 26
 DATE: 18 April 1990 JD 108
 WEATHER: Perfect
 RECORDED BY: Twissell
 PROCESSORS: Lee/Helton/Barnes/Ford

APPROX. LOCATION: Sill in
Southern Canyon
 WATER DEPTH (m): 3250 m
 NAVIGATION: Locom C
 WINCH: Yes

MISC. EQUIP: _____
 MISC. PROCEDURES: _____

COMMENTS: Core cutter had 2 dings in it, so we hit
something hard.

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>1559Z</u>	<u>1659Z</u>	<u>1810Z</u>
LAT:	<u>25° 17.59' N</u>	<u>25° 17.64' N</u>	<u>25° 16.95' N</u>
LONG:	<u>84° 41.60' W</u>	<u>84° 41.60' W</u>	<u>84° 41.71' W</u>
TD:	<u>Locom C</u>	<u>Locom C</u>	
TD:			

CORER/CORE INFORMATION

Piston Core

Trigger Core

Core Head Wt (lbs.):	<u>2800 lb</u>	
Barrel Length (m):	<u>6m</u>	<u>1m</u>
Total Penetration (m):	<u>Long up weight</u>	<u>Long up weight</u>
Recovery (m):		<u>73 cm</u>
Flow-in (m):		
Lowering Rate (m/min.):	<u>60 m/min to 3150m 20 m/min to bottom</u>	
Max. Wire Out (m):	<u>3210 m</u>	
Pullout:	<u>4.3 tons at 3208m</u>	

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	<u>0-0.86</u>	
2	<u>0.86-2.34</u>	
3		
4		
5		
6		
7	<u>+ C/L</u>	
8		
9		
10		
	<u>+ CC</u>	
TC 26	<u>0-0.73</u>	
	<u>+ CC</u>	

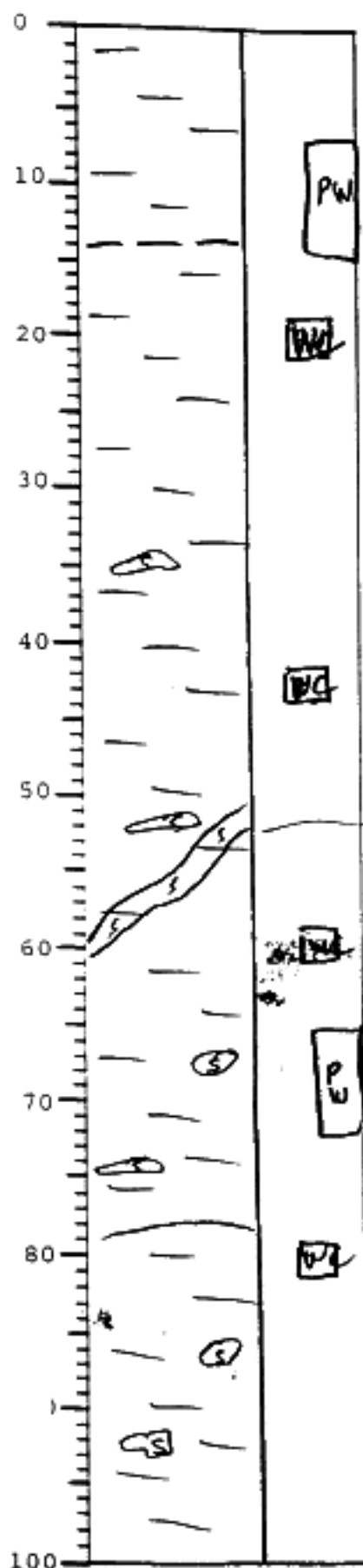
Kenyon

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Sta. _____ Core No. PC26

m) **Lithologic Log**

Detailed Description



0-14 Yellowish gray clay on top and banded
with dark yellowish brown below
5Y 7/2 3cm
10YR 4/2

14-78 Light olive gray 5Y 6/1 clay grading
down into light olive gray 5Y 5/2 clay with
Heavily bioturbated. greenish tinge
Sharp basal contact but a bit irregular
Some burrows are open.

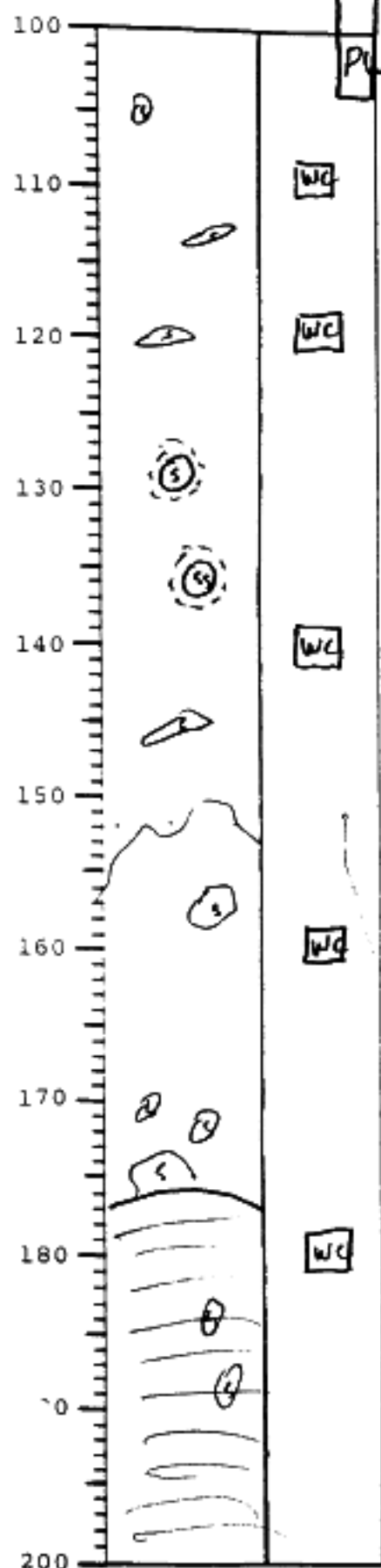
large open burrow c. 1 cm diam.

78-153 Light olive gray 546/1 day
Heavily biarticulated.

Kenyon

Sta. _____ Core No. PC 26

n) Lithologic Log

Detailed Description

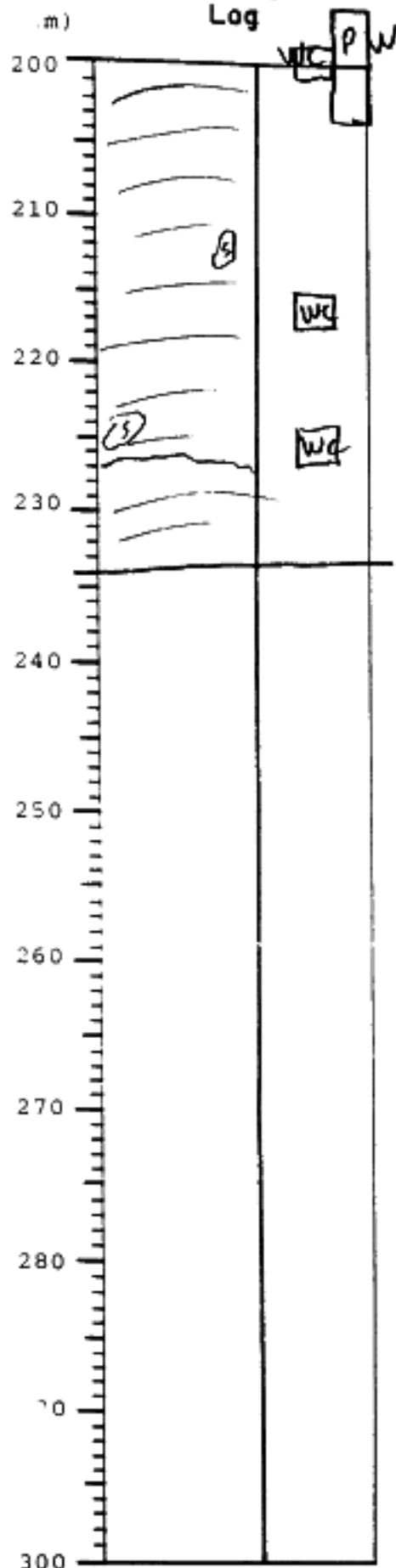
78-153 Light olive gray 5Y 6/1 clay
Heavily bioturbated. Burrows up to 2cm diameter,
filled with light olive gray 5Y 5/2 clay and surrounded
by medium gray haloes.

Approx. 153cm. Heavily bioturbated colour
change. Dominant colour below olive gray 5Y 3/2
clay.

153-177 Olive gray clay 5Y 3/2 with burrow
fills of light olive gray 5Y 6/1 clay.

177-227 Very finely laminated clay. Subtle
colour banding, but overall grades down from
olive gray 5Y 3/2 through light olive gray 5Y 5/2 to
light olive gray 5Y 6/1 (looks light gray to me)
Some bioturbation

Kenyon desc.

Sta. _____ Core No. PC 26Lithologic
LogDetailed Description

177-227 Finely laminated clay with subtle colour banding. Overall gradation ^{down} from olive gray SY 3/2, through light olive gray SY 5/2 to SY 6/1.

227 Sharp contact. Irregular due to bioturbation

Base

227-Base of core - As above. Finely laminated clay with subtle colour changes. Light olive gray SY 6/1 dominates.

VISUAL CORE DESCRIPTION

F-4-90

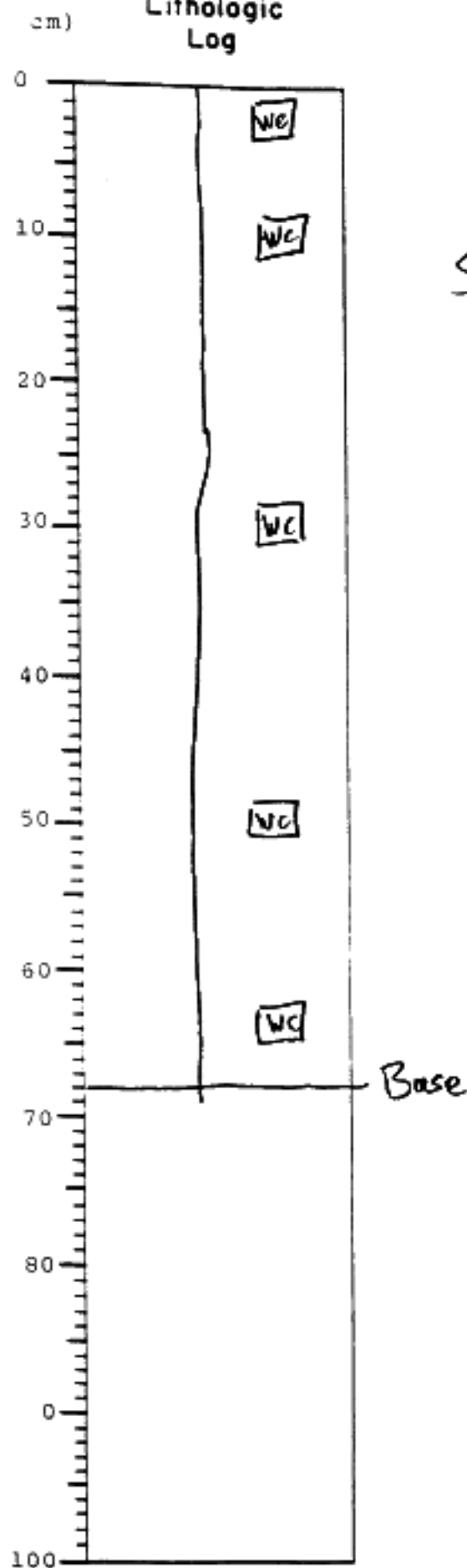
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Kenyon

Sta. _____ Core No. TC 26

Lithologic Log

Detailed Description



Same as PC 26