

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 27/PC27DATE: 18 April 1990 SD108WEATHER: fill pondRECORDED BY: Twickell

PROCESSORS: _____

APPROX. LOCATION: Sill innorthern canyonWATER DEPTH (m): 3332 mNAVIGATION: Loran C

WINCH: _____

MISC. EQUIP: _____

MISC. PROCEDURES: _____

COMMENTS: _____

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>1952</u>	<u>2055Z</u>	<u>2155Z</u>
LAT:	<u>25° 20.25' N</u>	<u>25° 20.27' N</u>	<u>25° 20.75' N</u>
LONG:	<u>84° 43.65' W</u>	<u>84° 43.65' W</u>	<u>84° 43.68' W</u>
TD:	_____	<u>Loran C</u>	_____
TD:	_____	_____	_____

CORER/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>not drilled</u>	<u>not drilled</u>
Recovery (m):	_____	<u>68 cm</u>
Flow-in (m):	_____	_____
Lowering Rate (m/min.):	<u>60 m/min @ 3150 m then ~20 m/min</u>	_____
Max. Wire Out (m):	<u>3286 m</u>	_____
Pullout:	<u>4.8 tons at 3283 m</u>	_____

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
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1	<u>0 - 1.0</u>	_____
2	<u>1.0 - 1.7</u>	_____
3	<u>1.7 - 3.2</u>	_____
4	_____	_____
5	_____	_____
6	_____	_____
7	_____	_____
8	_____	_____
9	_____	_____
10	_____	_____

+ c/c

TC27

0-0.68

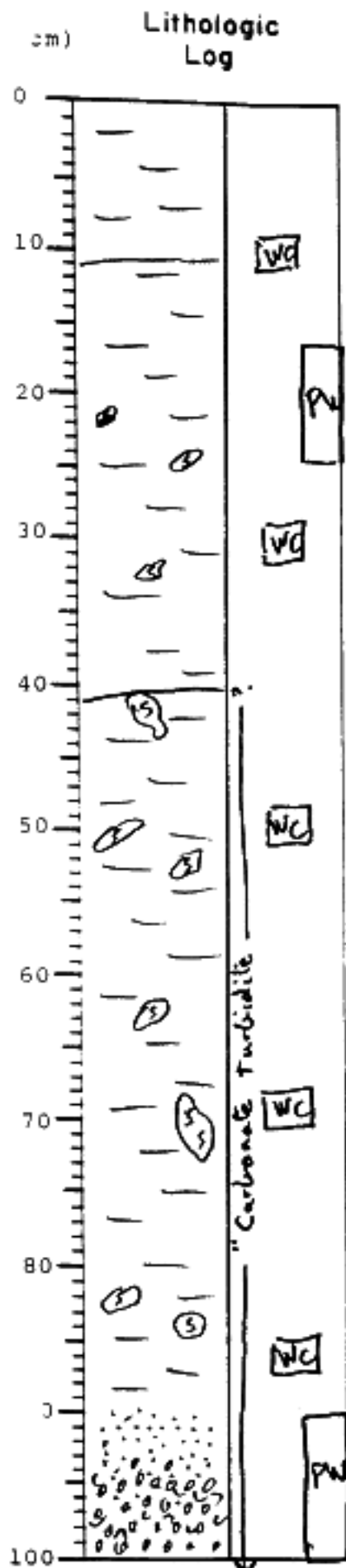
+ c/c

2 sections

top one 170 cm long

bottom one 150 cm

Kenyon

Sta. _____ Core No. PC 27Detailed Description

^{5Y 7/2}
Banded yellowish gray and light olive gray
5Y 6/1 clay.

Light olive gray 5Y 6/1 clay grading
down near base to light olive gray 5Y 5/2
Heavily bioturbated

41 Sharp but bioturbated contact

41-91 Light olive gray clay 5Y 6/1
Heavily bioturbated.

Muddy shell sand. Fining upwards
Grayish olive 10Y 4/2.

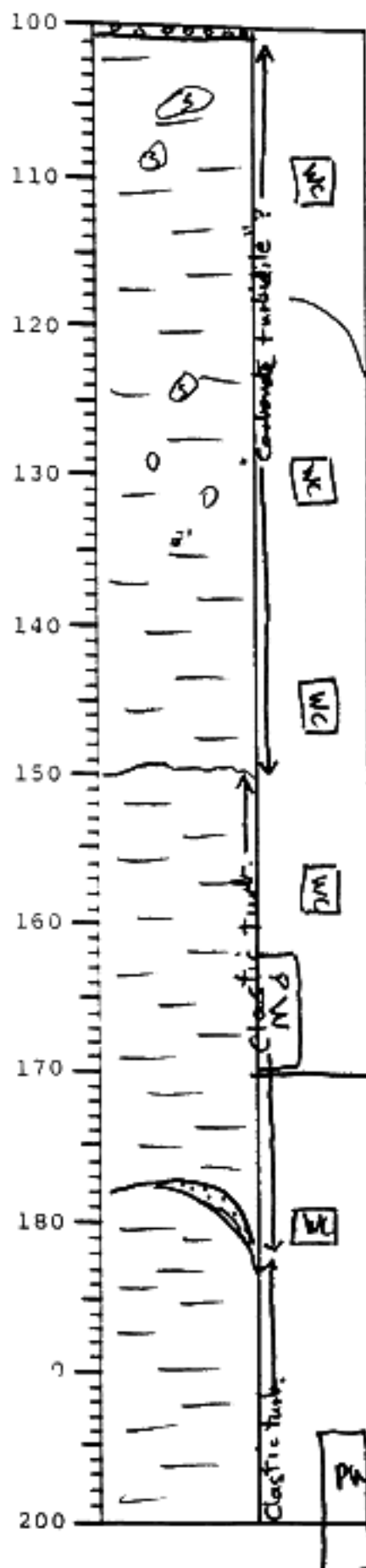
Kenyon fact.

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Sta. _____ Core No. PC 27

Lithologic Log

Detailed Description



91-101 Muddy shell sand. Sharp base.

101-150 ^{57 6/1} Light olive gray clay with forams, shell frags. Open and filled burrows. Some greenish bands (grayish olive 10Y 4/2)

or hemipelagic?

150 Irregular boundary. May be colour gradient or disturbed with boundary (latter preferred)

150-178 Homogeneous olive gray clay 5Y 3/2.
No bioturbation

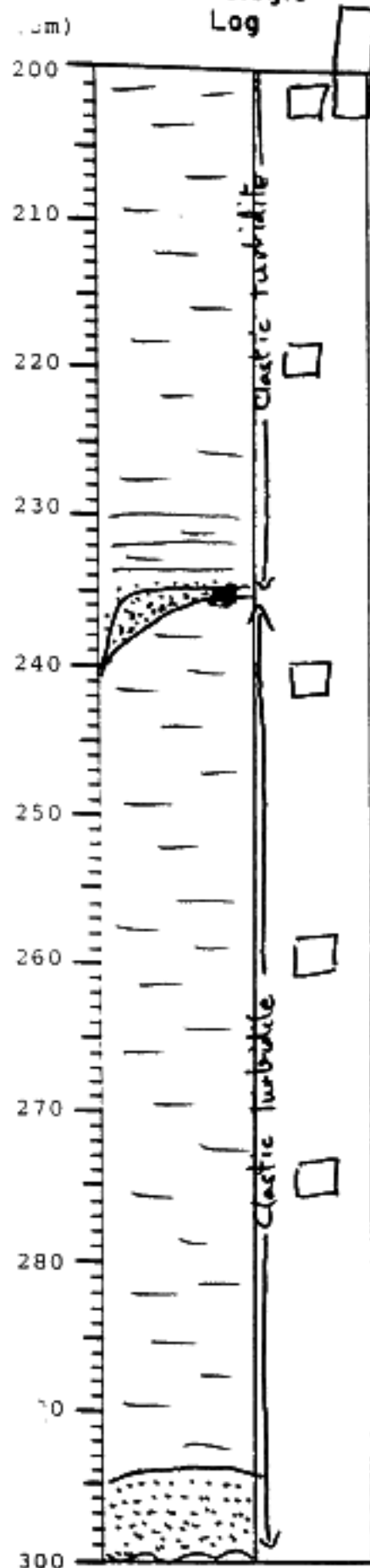
END SECTION

178 Silty layer dragged down side well.
Olive gray 5Y 3/2

179-235

Uniform, homogeneous olive gray clay 5Y 3/2
No bioturbation

Kenyon

Sta. _____ Core No. PC 27Lithologic
LogDetailed Description

179 - 235 Uniform olive gray clay, $SY \frac{3}{2}$
No bioturbation.

230 - 235 Coloured clay bands - slightly greener or browner
than olive gray clay $SY \frac{3}{2}$. No apparent grain size
change.

235 Top of olive gray silty band, dragged down side of
Probably originally about 1 cm thick band.
Fining upward.

235 - 295 Uniform olive gray clay
No bioturbation

295 - 300 Olive gray silt. Laminated at top
 $SY \frac{3}{2}$

VISUAL CORE DESCRIPTION

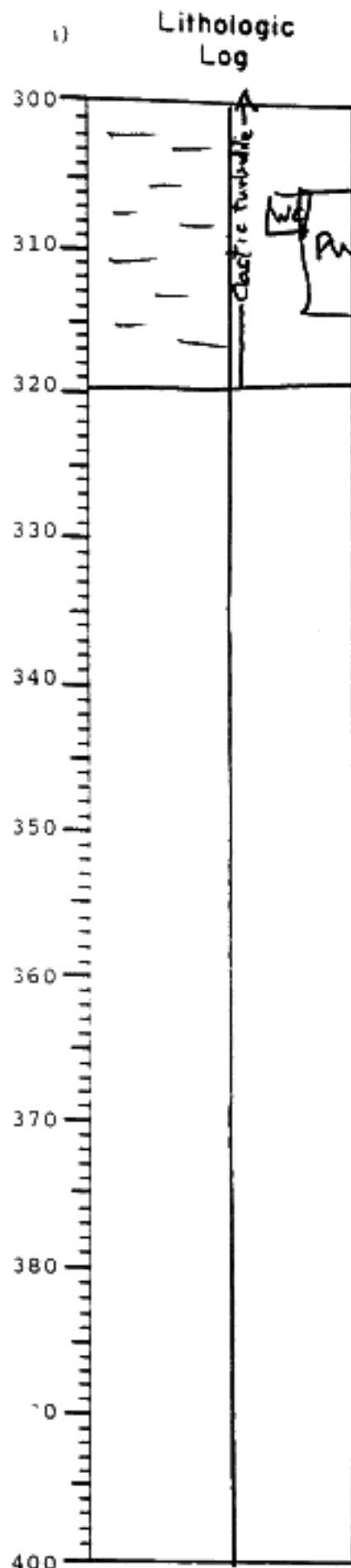
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Kenyon

Sta. _____ Core No. PC 27

Detailed Description



300-Base

Uniform olive gray clay
No bioturbation

VISUAL CORE DESCRIPTION

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Sta. _____ Core No. TC27

Detailed Description

