

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 28/PC 28APPROX. LOCATION: ~~DEEP~~ OFFDATE: APRIL 19, 1990 / 109 J.D.NORTHERN PAN LOBE HIGH BACK SCATTERWEATHER: STILL JUST FINEWATER DEPTH (m): 3298mRECORDED BY: GEORGE BUSHNAVIGATION: TRANSPONDER NOTPROCESSORS: WINTERS, LUBINSKI, KENYON WINCH: _____MISC. EQUIP: TRANSPONDER ON WIRE

MISC. PROCEDURES: _____

COMMENTS: _____

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>0926Z</u>	<u>1024 Z</u>	
LAT:	<u>26° 43.0'</u>	<u>26° 43.06'</u>	<u>26° 43.0449'</u>
LONG:	<u>85° 10.5'</u>	<u>85° 10.48'</u>	<u>85° 10.4756'</u>
TD:	_____	_____	_____
TD:	_____	_____	_____

CORER/CORE INFORMATION

	Piston Core	Trigger Core
Core Head Wt (lbs.):	<u>2000</u>	_____
Barrel Length (m):	<u>6m</u>	<u>1m</u>
Total Penetration (m):	<u>TO BARREL</u>	_____
Recovery (m):	<u>~2.5m</u>	<u>7.6m</u>
Flow-in (m):	_____	_____
Lowering Rate (m/min.):	_____	_____
Max. Wire Out (m):	<u>3215m</u>	_____
	<u>PULL OUT = 5.6 MIN:3</u>	_____

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	<u>0 - 0.85</u>	_____
2	<u>0.85 - 2.35</u>	_____
3	_____	_____
4	_____	_____
5	_____	_____
6	_____	_____
7	_____	_____
8	_____	_____
9	_____	_____
10	_____	_____

TC 28

0 - 0.76

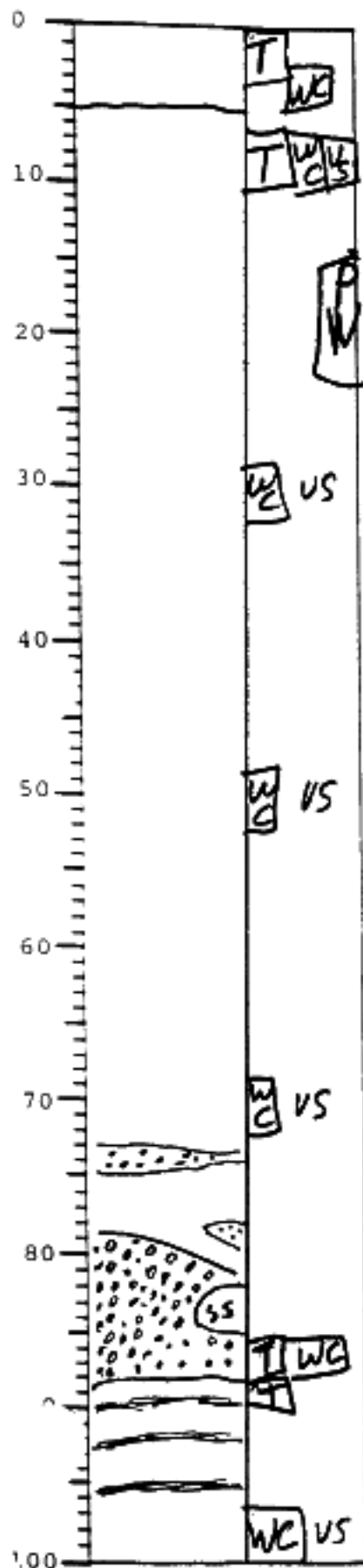
+ 0/c

Kenyon

Page 1 of 3

Sta. _____ Core No. PC 28

Detailed Description



yellow clay

Trigger core is much better looking than the piston core.

75-79 - Dark yellowish brown 10YR 6/2 clay.

7a - ~~sp~~ Olive gray ^{slightly} muddy ^{silty} sand SY 3/2 Some dark gray N3 organic blotches. Medium grain size and roundness.

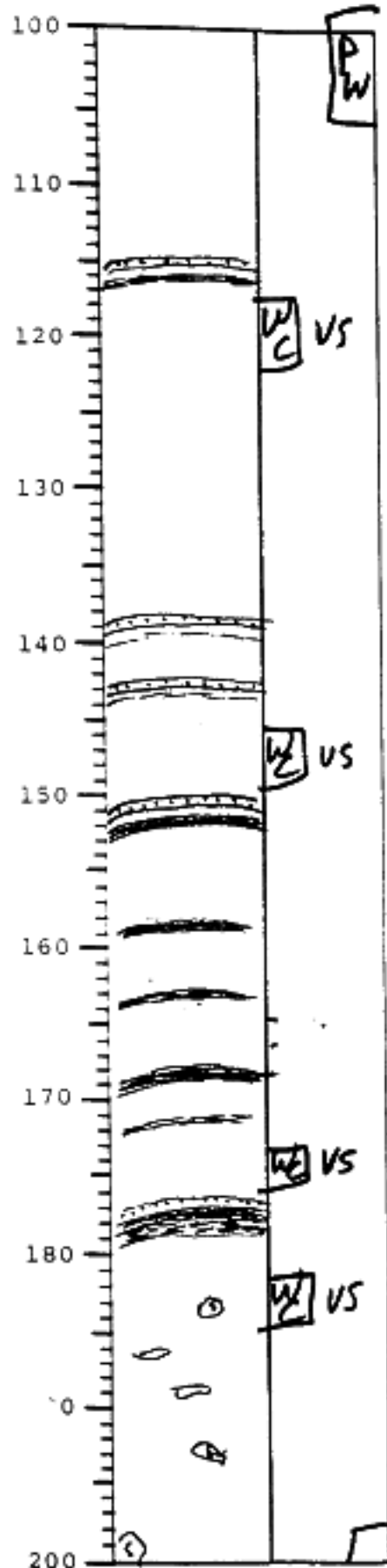
90, 92, 95 Black N₂, organic bands

Fairly well
contd
Mixed composition

Kenyon

Sta. _____ Core No. PC 28

a)

Lithologic
LogDetailed Description

90-130 Small black blebs? burrow sites
 100-200 Dark yellowish brown clay apart from silt noted below 10YR 4/2

115 0.3 cm silty band with mottled ^{dark gray} organic band beneath.

139 0.3 cm silty band with faint dark gray organic band beneath.

143 0.3 cm silty band " " " "

151 0.4 cm silty band with 1 cm black N1 organic band beneath

159, 163, 188 and 183 Black organic bands with no silt associated

177 Thin 0.2 cm silty band with 2 cm mottled organic black band below.

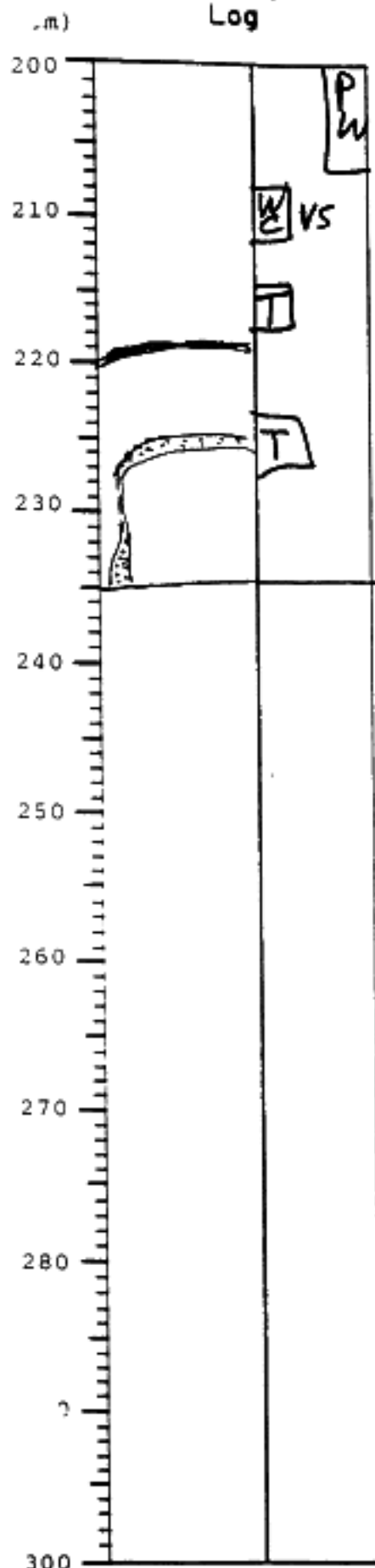
184-200 Burrows & mottling with black organic mud fills

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Sta. _____ Core No. PC 28

Lithologic Log

Detailed Description



200-225 Mottled dark yellowish brown clay 10YR 4/2

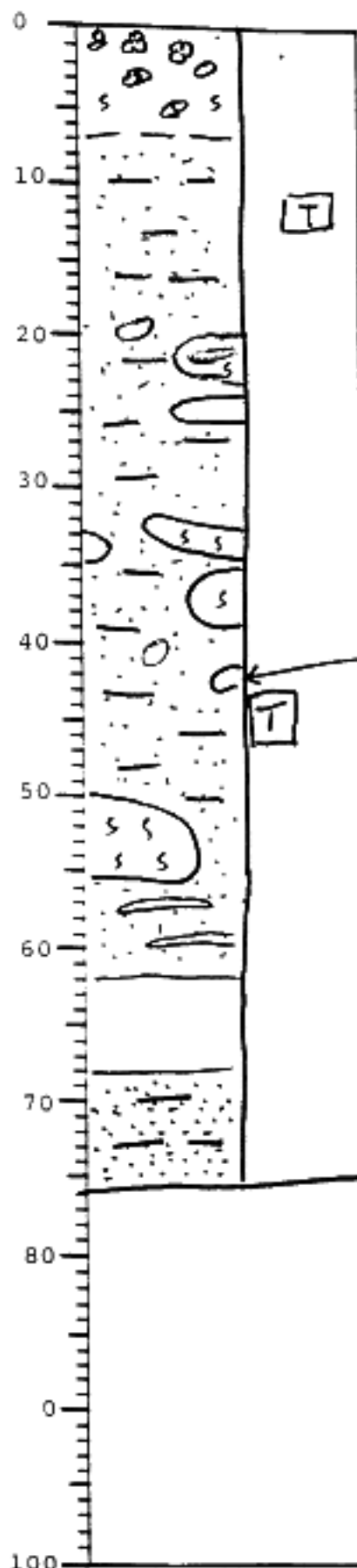
219 Black organic band.

225 Probably circa 0.5 cm ^{muddy} silt - distorted by coring

226 - Base Grayish olive homogeneous clay 10Y 4/2.

BASE OF CORE

Kenyon

Sta. _____ Core No. TC 28Lithologic
LogDetailed Description

0-7 Moderate yellowish brown 10YR 5/4 foram
sandy mud with mud below (slightly darker -
moderate brown 5YR 4/4)

7-62 Olive gray silty mud 5Y 3/2 with
large mud filled burrows. Burrow fill mainly dark
yellowish brown 10YR 4/2 clay.

NOTE "Burrows" later reinterpreted as
mud clasts in dolines flow deposit

50-55 Black mottled blebs within clay filled burrow

62-68 Dark yellowish brown clay 10YR 4/2

68-BASE Dark yellowish brown 10YR 4/2 silty
clay

BASE OF CORE