

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 38/PC38
 DATE: 21 April 1990 JD 11
 WEATHER: 20-25kt NE breeze
 RECORDED BY: _____
 PROCESSORS: _____

APPROX. LOCATION: High backscatter
near dark floored channel
 WATER DEPTH (m): 3283m
 NAVIGATION: Transponder
 WINCH: _____

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

COMMENTS: Detailed (@2cm) sampling str
recovery

	Start	CORE LOCATION On-Bottom	End
Time:	<u>0340Z</u>	<u>2441Z</u>	
LAT:	<u>26° 42.60N</u>	<u>26° 42.4969'</u>	
LONG:	<u>85° 11.22W</u>	<u>85° 11.2330</u>	
TD:	<u>GPS</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>6m</u>	
Recovery (m):	<u>~ 2m</u>	<u>70cm</u>
Flow-in (m):		
Lowering Rate (m/min.):		
Max. Wire Out (m):	<u>3215m</u>	

PULL OUT = 4.3 tons

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	<u>0-0.62</u>	
2	<u>0.62-2.12</u>	<u>Sand unit 1.14-1.40</u>
3		
4		
5		
6		
7		
8		
9		
10		

TC38

+ c/c
 0-0.69
 + c/c

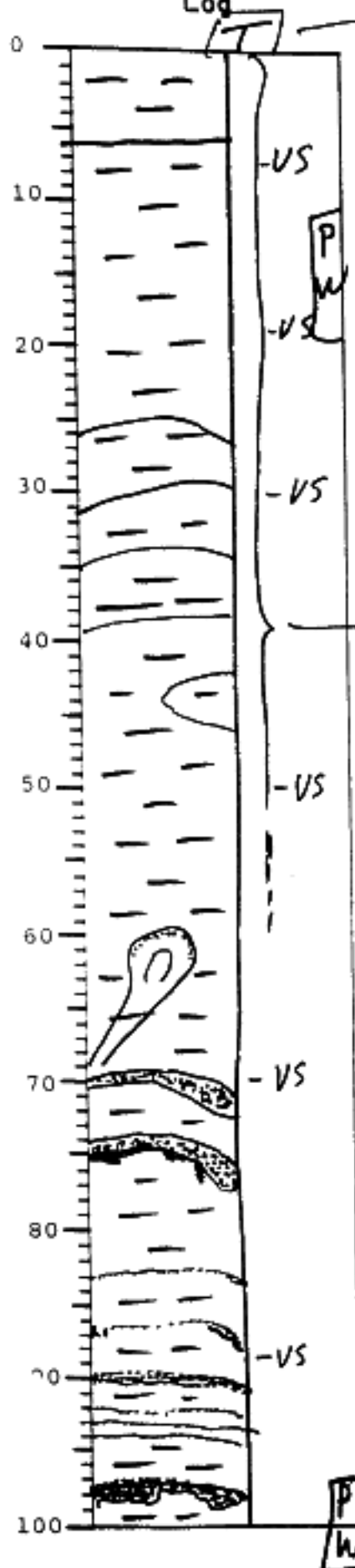
Nelson

Sta. _____

Core No. PC 38

m) Lithologic Log

Detailed Description



(0-2) Sample from TC + yellow to gray ^{transf. ca} 13
 0-6 cm moderate yellowish brown
 (note only half the thickness of TC)

6-110 Olive gray clay -

- homogeneous to 60 cm exposure
 - note very different ^{exposure} of structure
 of trigger core that has major

* (This may be an artifact of ^{core cutting} disturbance)
 entire core sampled at 2 cm intervals
 for WC + see at correlation of high
 back scatter + sonic velocities

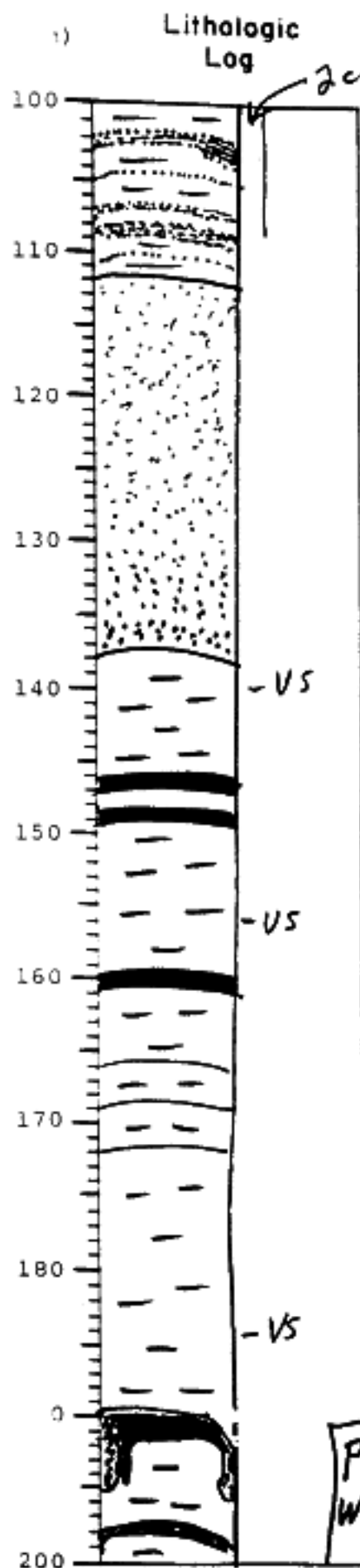
these are very faint
 in PC

60-70 - major burrow

70-110 increasing development of
 silt beds

all pulled to the right side of
 the core or to some using artifact
 ∴ most layers until thicker one = somewhat
 irregular

↓ increasing # + thickness of silt beds

Sta. _____ Core No. PC38Detailed Description

104-110 - silt couplets w/ thin clay between
@ 103, 107, 108, 109

112-138 graded sand bed without
apparent vertical structures

top = silty very fine sand with a
sharp top with overlying clay

- at base - silt fine - medium sand

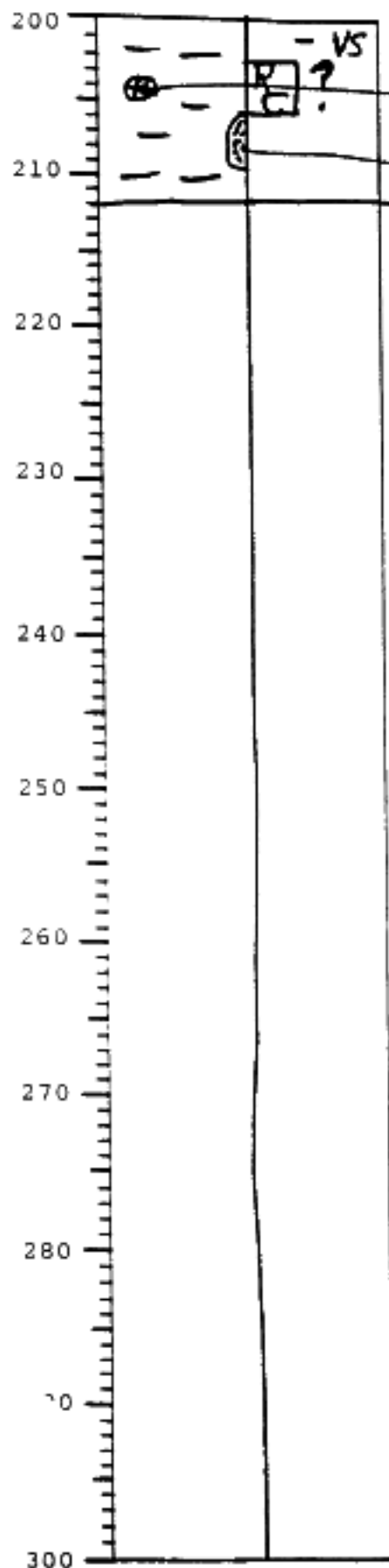
138 to base of core = banded mud(?) turbs?
w/ dark olive black bands in
brownish gray clay (5YR 4/1)

faint laminations

90-96 Dark band pulled along liner
w/ silt down along " "
silty sand $1\frac{1}{2}$ - 2 cm thick

Sta. _____ Core No. PC 38Lithologic
LogDetailed Description

(cm)



Wood 2.5 x .75 w/ good visible
plant cell structures
→ silt bleb along the liner
212 = end of core

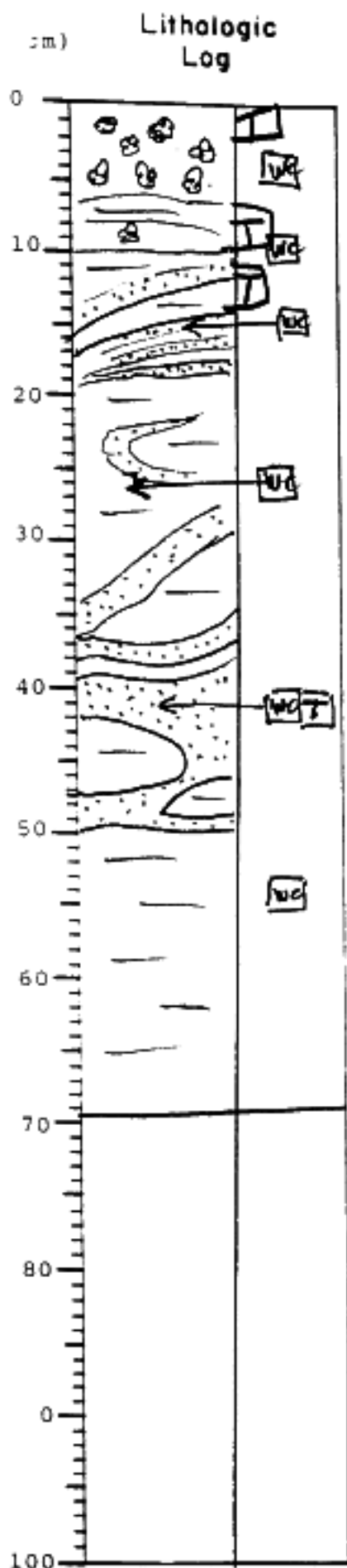
VISUAL CORE DESCRIPTION

F-4-90

Page 1 of 1

Kenyon

Sta. _____ Core No. IC 38



Detailed Description

- 0-10 Moderate yellowish brown 10YR 5/4
muddy foram sand.
- 6-10 Increasing amount of mod. yellowish brown clay
- 10-50 Dark yellowish brown clay 10YR 4/2
within a slightly darker clayey silt matrix.
Some clasts are rounded.
- 50-70 Possibly some siltier bodies within otherwise
homogeneous clay.

BASE OF CORE