

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 47/PC47APPROX. LOCATION: SAND STRINGER?DATE: APRIL 22, 1990 1125DSOUTH OF LUBIZWEATHER: GOODWATER DEPTH (m): 3282m

RECORDED BY: _____

NAVIGATION: ACOUSTIC

PROCESSORS: _____

WINCH: _____

MISC. EQUIP: Relay ~100m ABOVE CORE

MISC. PROCEDURES: _____

COMMENTS: IMPROVED PLUNDER

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>1049Z</u>	<u>1148Z</u>	
LAT:	<u>26° 40' 46"</u>	<u>26° 40' 6578"</u>	
LONG:	<u>-085° 10' 40"</u>	<u>85 10.4194'</u>	
TD:			
TD:			

CORER/CORE INFORMATION

Piston Core

Trigger Core

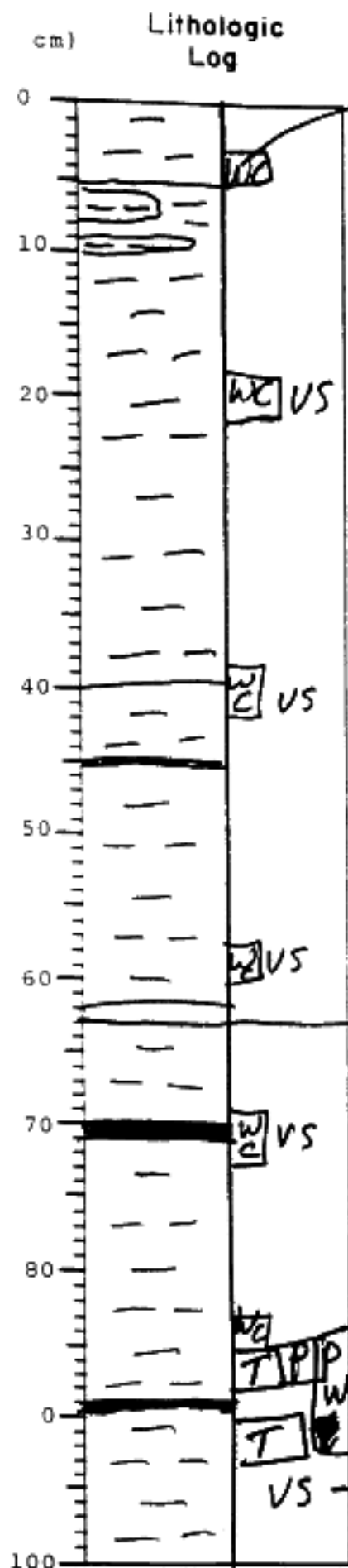
Core Head Wt (lbs.):	<u>2800/lbs</u>	
Barrel Length (m):	<u>1m</u>	<u>1m</u>
Total Penetration (m):	<u>6m</u>	<u>1m</u>
Recovery (m):	<u>2m</u>	<u>1m 72cm</u>
Flow-in (m):		
Lowering Rate (m/min.):		
Max. Wire Out (m):	<u>3210m</u>	
	<u>PULLOUT = 4-3</u>	

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	<u>0 - 0.64</u>	
2	<u>0.64 - 2.11</u>	
3		
4	<u>+ c/c</u>	
5		
6		
7		
8		
9		
10		

TC47 0 - 0.74
+ c/c

Nelson

Sta. _____ Core No. PC 47



Detailed Description

Detailed Description
- better yellowish - gray contact sampled in TC
0-5 moderate yellowish brown
somewhat sharp boundary w/ olive gray
clay but major burrows from
5-8 cm

5-63 Brownish gray clay (5YR 4/1)

Subtle color bands are found
w/ the sharpest @ 40 cm
grayer above & browner below

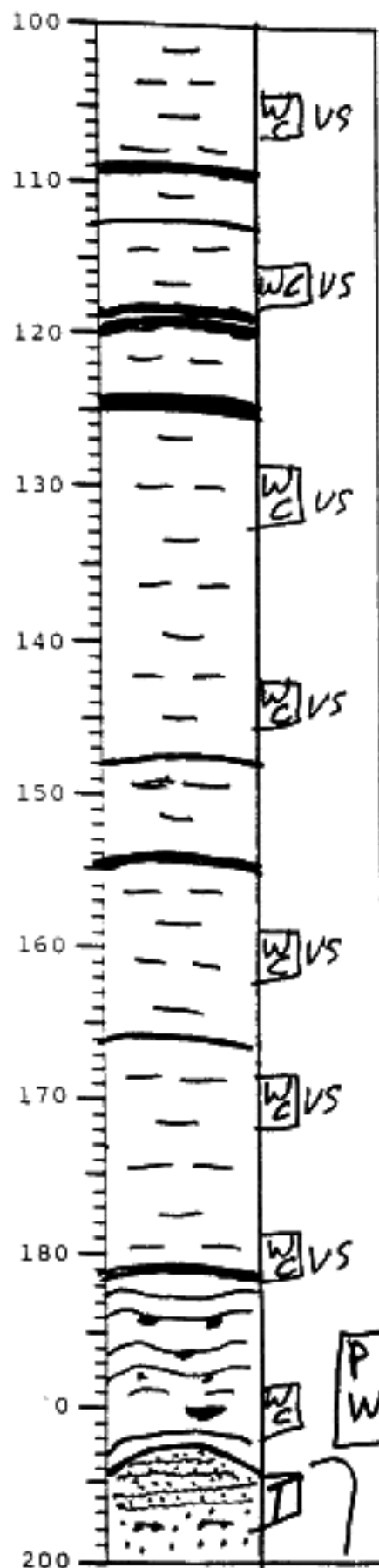
45^{cm} 1st dark band of .5 cm thickness

End of section

63-89 gray brownish clay w/
sharp color change @ 90 to
more olive gray clay w/more
sharply defined carbonaceous blobs
and bands

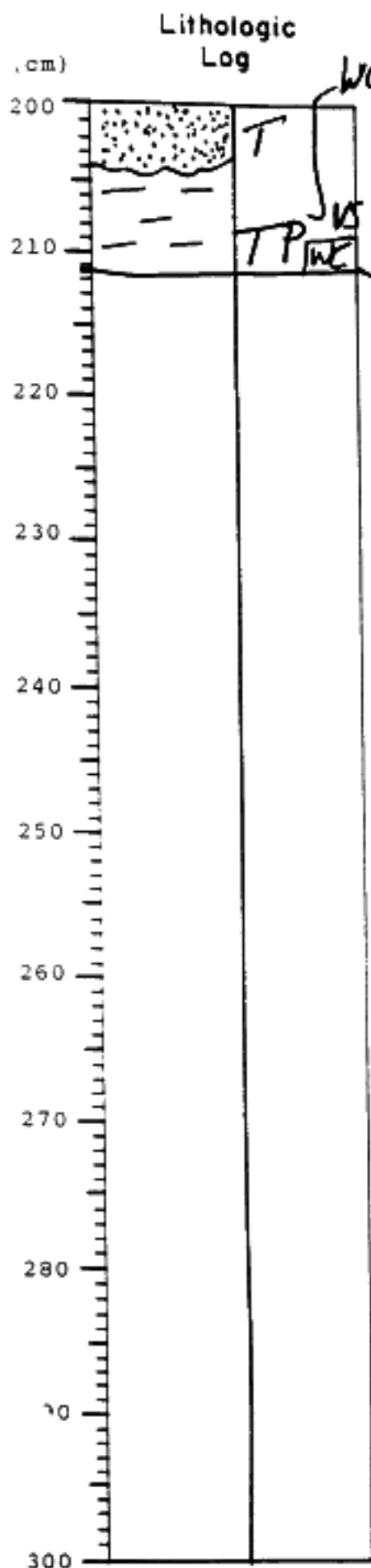
a) Lithologic Log

Detailed Description



Organic-banded clay

180-195 brownish gray clay
 fine carbonaceous laminae
 & numerous 1mm - 1cm dia olive black blobs
 sharp upper contact - not gradational
 195-205 graded sand-silt layer
 195-200 flat laminations

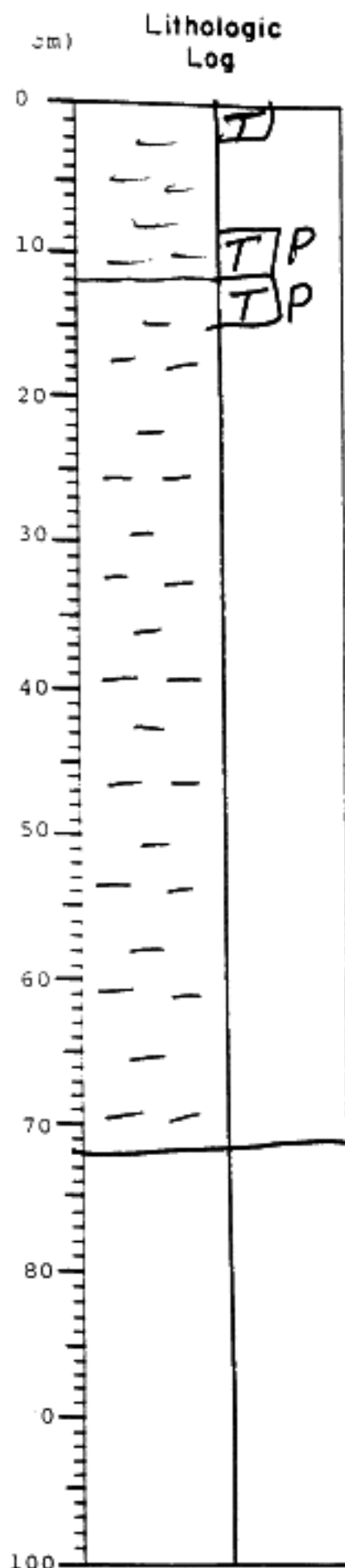
Sta. _____ Core No. PC47Detailed Description200-205 dense 4-5 ϕ sand204 base of turbidite has erosional
scalloped base & overconsolidated clay

VISUAL CORE DESCRIPTION

F-4-90

Page 1 of 1

Sta. _____

Core No. TC47Detailed Description

0-5- ♂ sand very mucky
5-10 → moderate yellowish brown
10-12 → more consolidated
12-72 - olive gray homogeneous clay