

F-4-9

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 52/PC 52
 DATE: APRIL 23, 1990 1137-P.
 WEATHER: calm
 RECORDED BY: _____
 PROCESSORS: _____

APPROX. LOCATION: SOUTHERN
CAULFLOWER LOBE
 WATER DEPTH (m): 3294
 NAVIGATION: SHIP - GPS
 WINCH: YES

MISC. EQUIP: _____
 MISC. PROCEDURES: _____

COMMENTS: FIRST (NW) IN SERIES OF TRANSVERSE CORES ON THE
SOUTHERN DISTAL LOBE USING SHIP NAVIGATION.
Buried the core head & fairly soft in the core catcher

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>1340Z</u>	<u>1451</u>	<u>1603Z</u>
LAT:	<u>26° 28.70'</u>	<u>26° 28.86</u>	<u>26° 28.54'N</u>
LONG:	<u>-085° 05.16'</u>	<u>-085° 05.04</u>	<u>85° 04.71'W</u>
TD:	<u>GPS</u>	<u>GPS</u>	<u>Loran C</u>
TD:	_____	_____	_____

CORER/CORE INFORMATION

	Piston Core	Trigger Core
Core Head Wt (lbs.):	<u>2800</u>	<u>150</u>
Barrel Length (m):	<u>6m</u>	<u>1m</u>
Total Penetration (m):	<u>much on weight</u>	<u>1+m</u>
Recovery (m):	_____	<u>72 cm</u>
Flow-in (m):	_____	_____
Lowering Rate (m/min.):	<u>~20 m/min near bottom</u>	_____
Max. Wire Out (m):	<u>pull out = 4.3 tons</u>	_____

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	<u>0-1.27</u>	_____
2	<u>1.27-2.74</u>	_____
3	_____	_____
4	<u>+ c/c</u>	_____
5	_____	_____
6	_____	_____
7	_____	_____
8	_____	_____
9	_____	_____
10	_____	_____

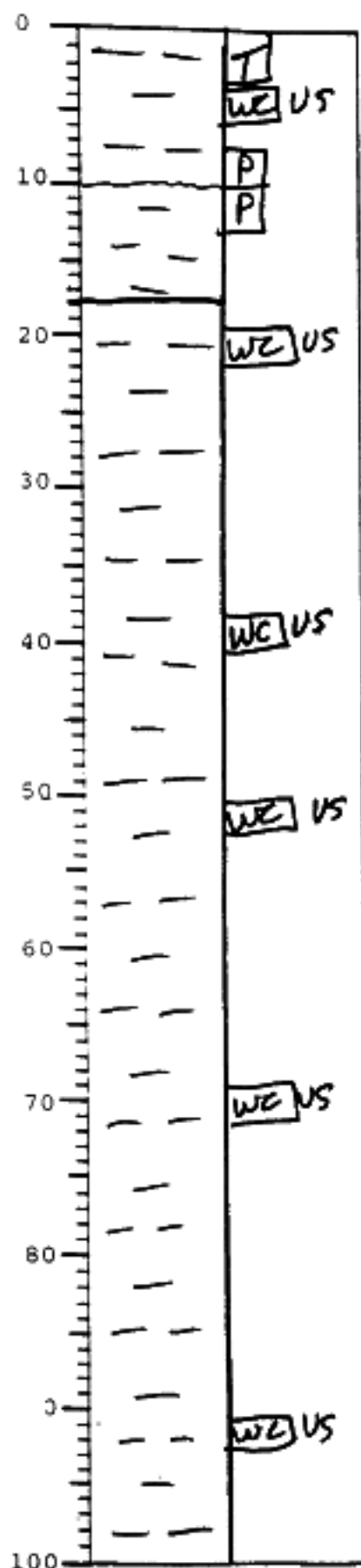
TC 52 0-0.78
 + c/c

Nelson

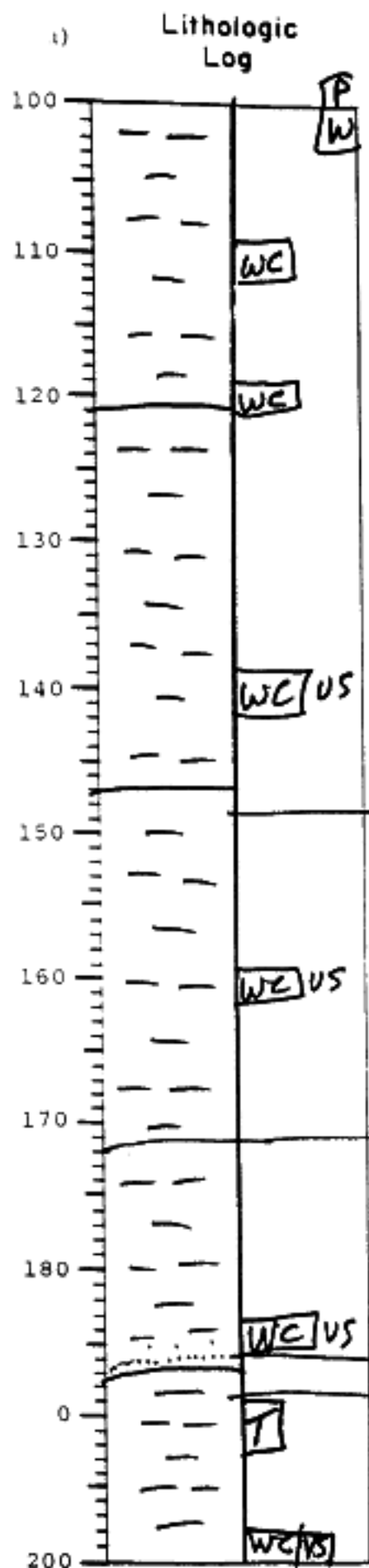
Sta. _____ Core No. PC 52

Lithologic
Log

Detailed Description



0-10 Moderate yellowish brown (10YR 5/4)
 & rich clay gradational to
 dark yellowish brown from
 13-17 cm - sharp break w/ gray @ 17
 17-121 Massive olive gray clay
 (5Y 4/1)
 121 - slight color change to
 Brownish gray clay
 147 - slight color change to olive gray

Detailed Description

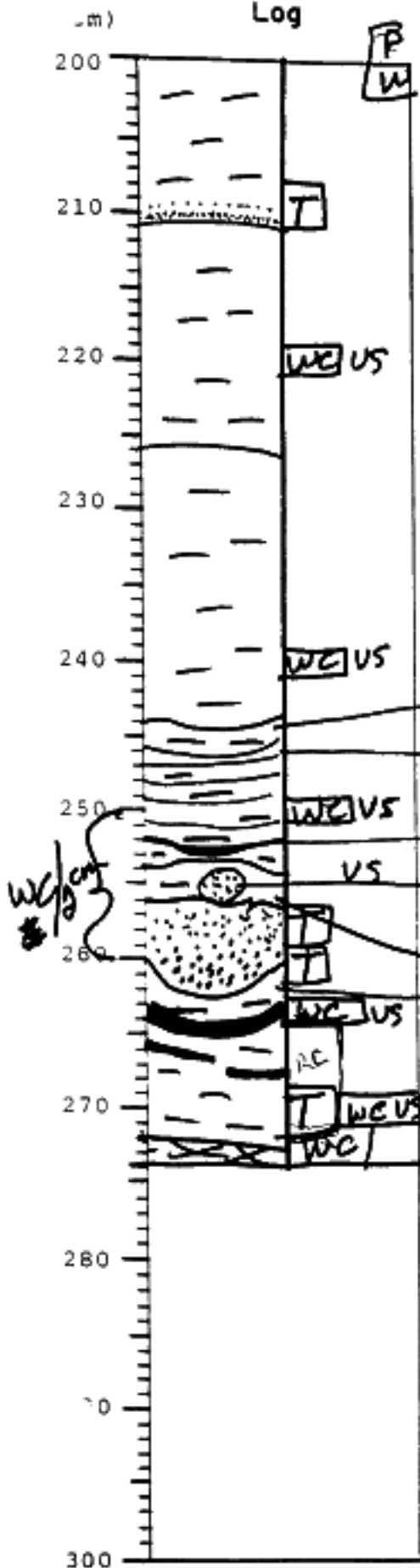
Very subtle color changes
in clay

slightly grayer olive gray (5Y 3/2)

subtle color change

possible graded
mud turbidite

olive gray (5Y 3/2) slightly siltier clay
above brownish gray clay

Lithologic
LogDetailed Description

5 cm olive gray silt grading
into mud turbidite?

244-270 - variable color banding
of clays

Moderate
brown

clay color band

Olive gray 246 grading to dusky yellow brown

244-252 - 1 mm black laminae
down bowed core distortion

fine sand bleb - 2 cm diameter

olive gray clay band (SY 3/2)

Dusky yellowish brown to end of core
(10YR 2/2)

End of Core

256-260
sand layer - base = medium sand
graded
top = silty fine sand

VISUAL CORE DESCRIPTION

F-4-90

Page 1 of 1Sta. _____ Core No. TC52Lithologic
LogDetailed Description

Not logged because exactly
same as the PK 52
only sampled by Homa

