

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 32/PC32
 DATE: 20 April, 1990
 WEATHER: 15-20kt breeze
 RECORDED BY: Twickell
 PROCESSORS: _____

APPROX. LOCATION: low backscatter
~ 1.5 km from end of deep lobe
 WATER DEPTH (m): 3283m
 NAVIGATION: Transponder way
 WINCH: _____

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

COMMENTS: _____

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>0100Z</u>	<u>0204Z</u>	
LAT:	<u>26°41.48'N</u>	<u>26°41.4836N</u>	
LONG:	<u>85°07.45'W</u>	<u>85°07.5715W</u>	
TD:	<u>GPS</u>	<u>76m NE of</u>	
TD:		<u>target</u>	

CORE/CORE INFORMATION

Piston Core

Trigger Core

Core Head Wt (lbs.):	<u>1800 lb</u>	
Barrel Length (m):	<u>9m</u>	<u>1m</u>
Total Penetration (m):	<u>9m</u>	<u>1m</u>
Recovery (m):		<u>79cm</u>
Flow-in (m):		
Lowering Rate (m/min.):	<u>6.2m / 150s = 3150/22 m/min</u>	
Max. Wire Out (m):	<u>3215m</u>	
Pullout:	<u>4.5 3212</u>	

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	<u>0 - 0.75</u>	
2	<u>0.75 - 2.24</u>	
3	<u>2.24 - 3.73</u>	
4	<u>3.73 - 5.05</u>	
5	<u>5.05 - 6.56</u>	
6		
7		
8		
9		
10		

+ c/c

TC 32

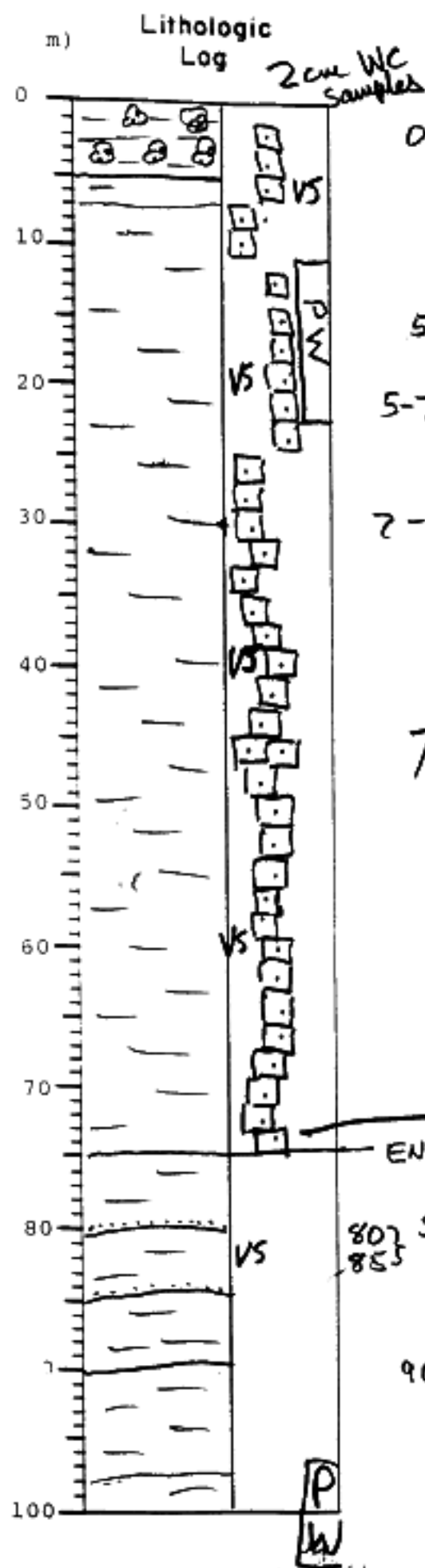
0 - 0.19

+ c/c

5 sections

Kempson

Sta. _____ Core No. PC32

Detailed Description

10 YR 5/4

0-5 Moderate yellowish brown/slightly muddy
foram sand. Some primary bedding
NOTE TC 32 has 10cm more sand on top

5 Dark yellowish orange 10YR 6/6 - iron band

5-7 Dark yellowish brown 10YR 4/2 clay with
slight greenish tinge

7-139 Dark yellowish brown 10YR 4/2
homogeneous clay.

Textural samples taken from TC 32
because better preserved & does not have
any double hits

END OF SECTION

All remainder of the core
sampled @ 2cm for WC

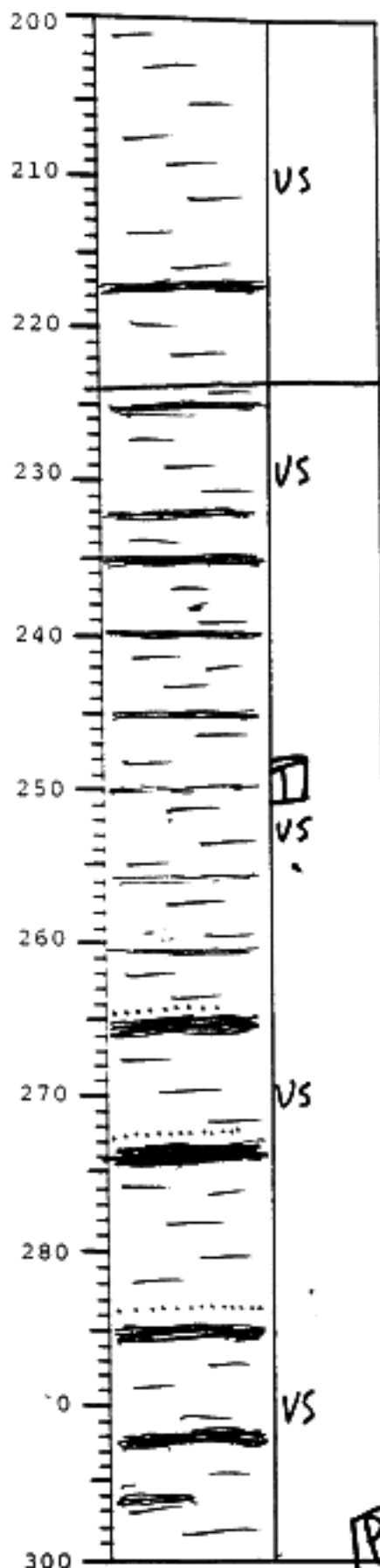
80 } Sharp boundary - silt above grading upwards
85 }

90 Sharp boundary. Only slight change of colour

Kenyon

Sta. _____ Core No. PC 32Lithologic
LogDetailed Description

(cm)



150- Dark yellowish brown clay 10YR 4/2.
throughout. Very uniform colour

Black organic bands throughout, as illustrated.
About 1 cm thick on average

END OF SECTION

250-260 Small organic blades. Black.

⊗ 264, 273 and 284 Foram concentrations circa 0.1 cm.
thick

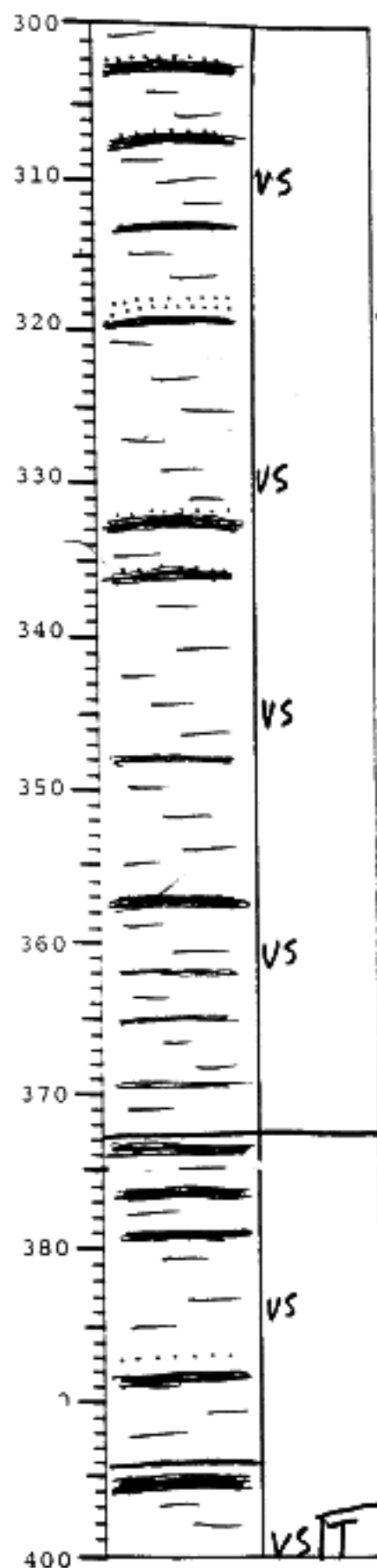
P
W

Kenyon

Sta. _____ Core No. PC 32

Lithologic Log

Detailed Description



150 - ^{throughout}
 As above h.e. Dark yellowish brown clay 10YR 4/2
 Black organic bands ~1 cm thick
 Foram concentrations - 1 grain thick or so assoc. with
 top of organic bands.

END OF SECTION

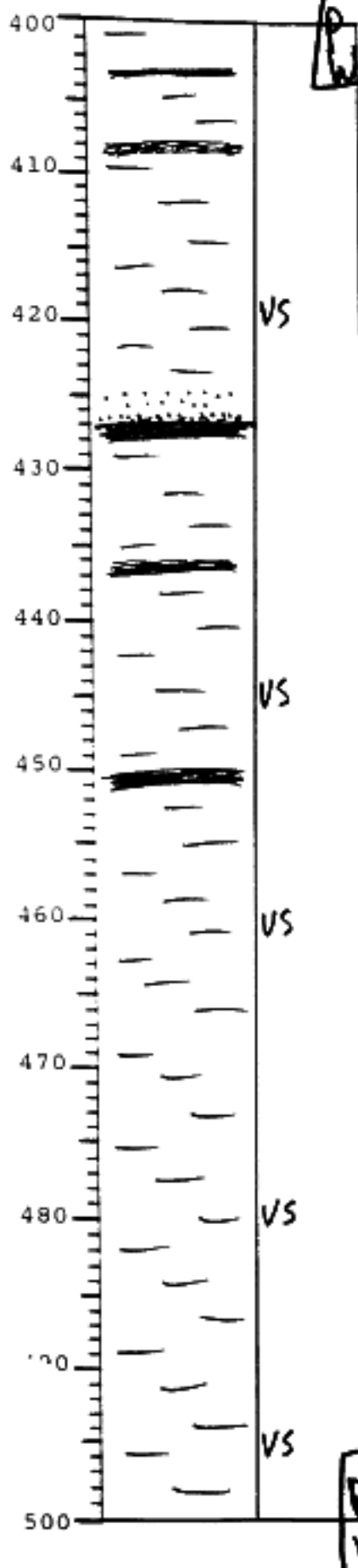
Slight
 394 / Colour change -

Kenyon

Sta. _____ Core No. PC32

Lithologic Log

Detailed Description



throughout
As above, i.e. Dark yellowish brown clay 10YR 4/2
with black organic bands c. 1 cm thick (down to 451)
Little indurification.

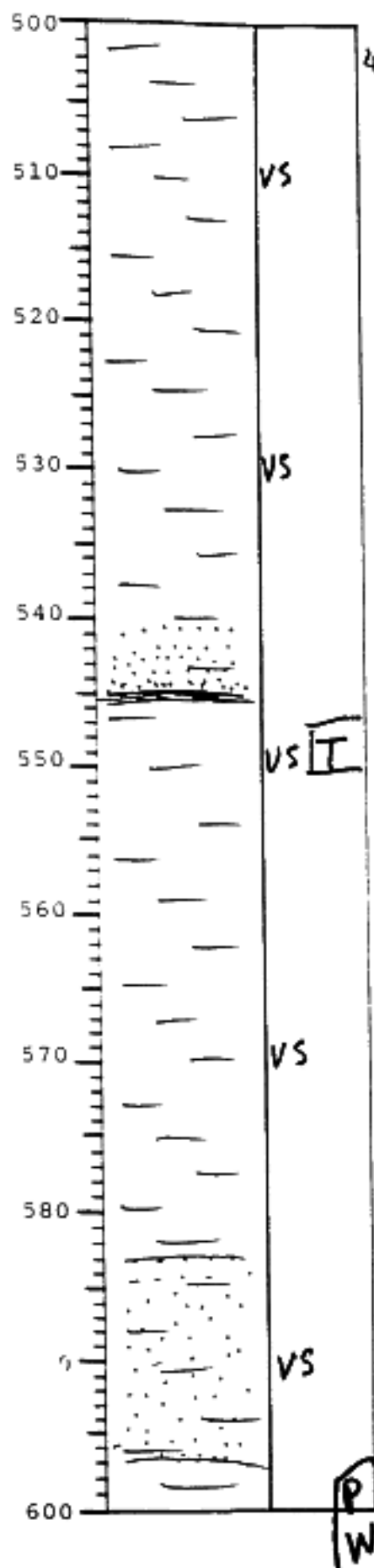
Clastic
427 h Silt band 0.7 cm thick with thin laminations
above.

451-545 Uniform clay, dark yellowish brown
10YR 4/2 without organic bands. - silty base.

Kenyon

Sta. _____ Core No. PC32

1) Lithologic Log

Detailed Description

451- Dark yellowish brown clay 10YR 4/2 throughout
 545 Silty base. Small amount of interbedding.

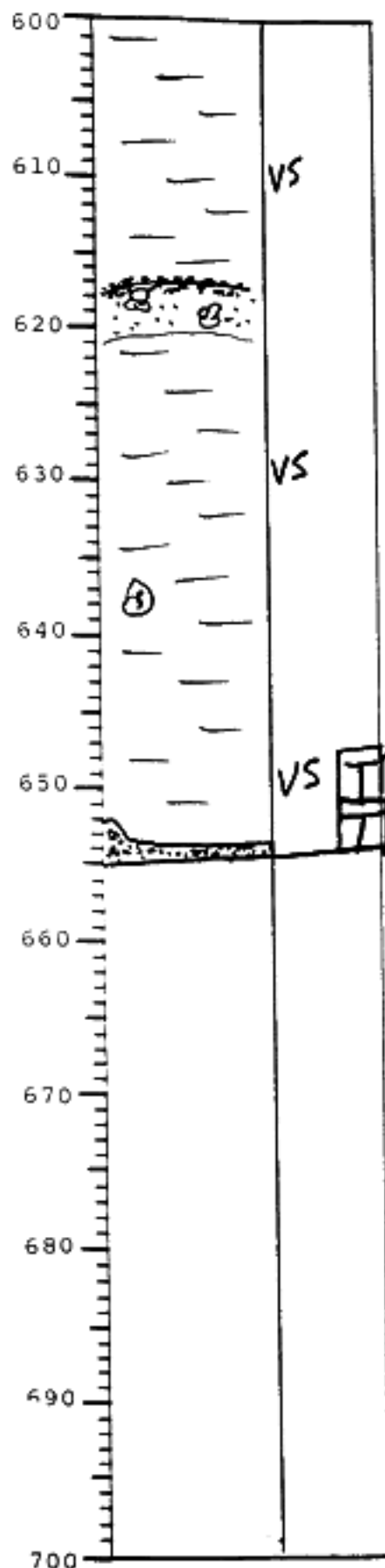
540-545 Dark yellowish brown silty clay 10YR 4/2
 Bedding upwards.

545-655 Dark yellowish brown clay 10YR 4/2

583-597 Slightly silty clay - dark yellowish brown
 Sharp base and top.

*Kemper*Sta. _____ Core No. PC32

Lithologic Log

Detailed Description

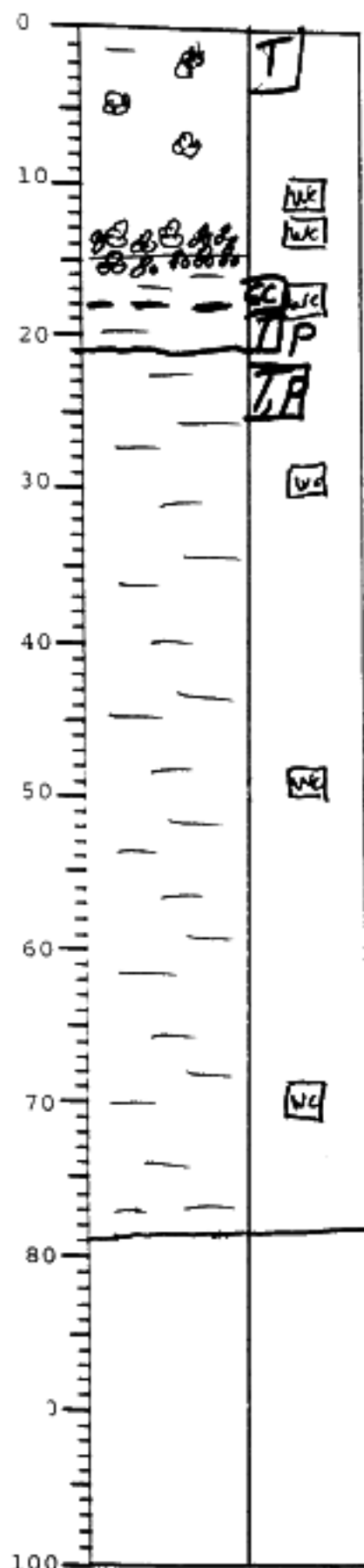
617-621 Silty mud with forams & some clastic material
Coarser band at top.

Clay just above silt was sampled
653-656 medium silt bed
(coarsest bed in core)
BOTTOM OF CORE

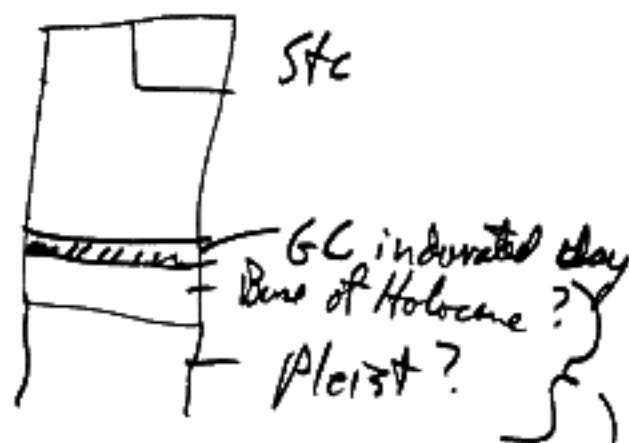
Kenyon

Sta. _____ Core No. TC 32

m) Lithologic Log

Detailed Description

- 0-15 Moderate yellowish brown muddy foram sand
 14-16 clear S-sand 10YR 5/4
 15-18 Moderate yellowish brown sandy mud 10YR 5/4
 18 Slightly indurated clay "Iron band" Moderate brown
 0.2m thick.
 23 Base Homogeneous dark yellowish brown clay 10YR 4/2
 23-80 olive gray mud
 Sampled in detail because a good
 Holo core section



Note that there
 may be some
 mixing & possibly
 difficult to take
 sample