

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 42/PC 42
 DATE: 21 April, 1990 JD 111
 WEATHER: 10 kt breeze 3-4 ft seas
 RECORDED BY: Twickell
 PROCESSORS: _____

APPROX. LOCATION: N levee of northern
low backscatter channel
 WATER DEPTH (m): 3280 m
 NAVIGATION: Transponder
 WINCH: _____

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

COMMENTS: ~1 m piston core - a lot of black charcoal fragments
on outside of core & above core catcher.

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>1805Z</u>	<u>1907</u>	
LAT:	<u>26°43.77'N</u>	<u>26°43.6998'N</u>	
LONG:	<u>85°13.10'W</u>	<u>85°13.2132'W</u>	
TD:	<u>Form C</u>	<u>23 m west of target</u>	
TD:			

CORER/CORE INFORMATION

	Piston Core	Trigger Core
Core Head Wt (lbs.):	<u>2800 lb</u>	
Barrel Length (m):	<u>6 m</u>	<u>1 m</u>
Total Penetration (m):	<u>~3 m</u>	<u>1 m</u>
Recovery (m):	<u>~1 m</u>	<u>78 cm</u>
Flow-in (m):		
Lowering Rate (m/min.):	<u>60 in/min to 3150 m ~ 25 cm/min to bottom</u>	
Max. Wire Out (m):	<u>3212</u>	
Pullout:	<u>4.2 tons 3209 m</u>	

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	<u>0 - 0.91</u>	
2		
3		
4		
5		
6		
7		
8		
9		
10		

+ c/c

TC42 0 - 0.79

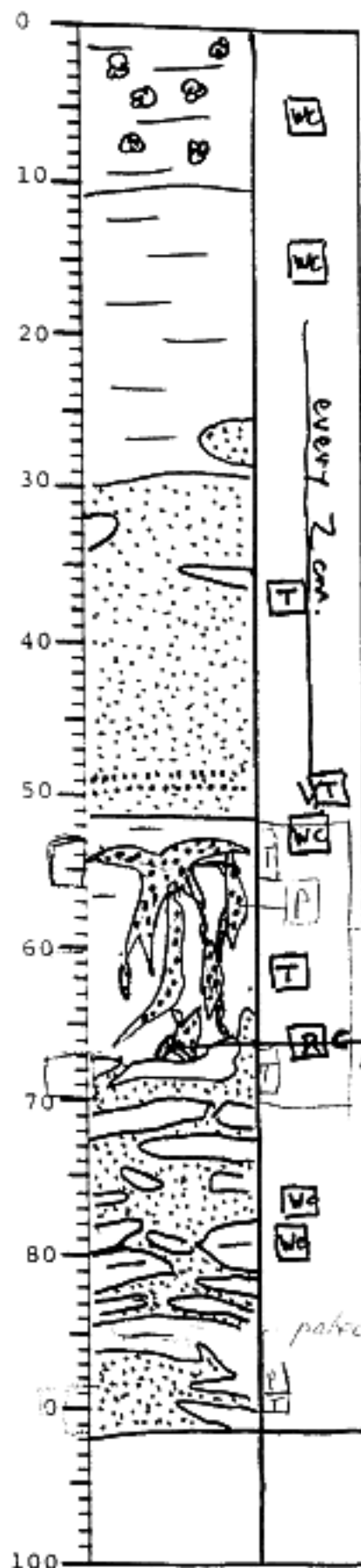
DOUBLE PEN.

Kenyon

Sta. _____ Core No. PC 42

Lithologic Log

Detailed Description



0-10 Moderate yellowish brown 10YR 5/4 muddy
foram sand.

10-11 Moderate yellowish brown clay 10YR 5/4

11-29 Uniform dark yellowish brown clay 10YR 4/2

29-36 Dark yellowish brown clay in dark yellowish brown
silt to fine sand 10YR 4/2

36-51 Dark yellowish brown silt to fine sand.
Coarser layers near base

51-66 Dark yellowish brown clay surrounding lenses of
muddy coarse sand size material consisting mainly of
black fragments, possibly wood. Lenses are vertical and
horizontal above - resembling flame structure.

66-67 1 1/2 cm rounded flat black N1 wood? pebble - taken for RC dating
+ one other at 64 cm in working half.

66-Base

Dark yellowish brown clay lumps, ragged edged
in matrix of muddy silty sand, clastic plus black frags.

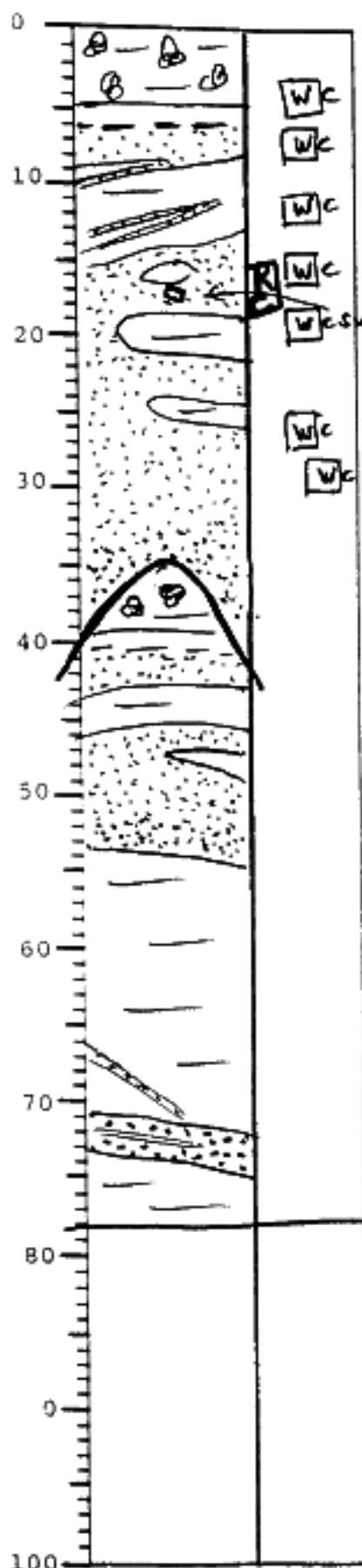
Base of core

Kenyon

Sta. _____ Core No. TC 42

Lithologic Log

Detailed Description



0-5 Moderate yellowish brown 10YR 5/4
muddy foramin sand

5-6 Moderate yellowish brown clay 10YR 5/4

6 Indurated Fe band - moderate brown 5YR 4/4

6-26 Dark yellowish brown 10YR 4/2 clay lumps
within a matrix of muddy silt with forams,
also dark yellowish brown.

36 - Base

As above

REPENETRATION

Coarser material is a mixture of clastic frags.
up to fine sand size and forams and black
particles that tend to be larger & lighter.
(They may be pieces of wood)

BASE OF CORE