

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 36/PC36
 DATE: 20 April 1990 J0110
 WEATHER: 25-30kt NE breeze
 RECORDED BY: Twichell
 PROCESSORS: _____

APPROX. LOCATION: Small
coral flower on S side of lobe
 WATER DEPTH (m): 3285m
 NAVIGATION: Transponder
 WINCH: _____

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

COMMENTS: 4 sections - top one ~1m long - Forearm sand at top
of core is highly disturbed.

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>1735</u>	<u>1844:30</u>	<u>1957</u>
LAT:	<u>26°42.19'N</u>	<u>26° 42.0989'N</u>	<u>26°42.19'N</u>
LONG:	<u>85°08.85'W</u>	<u>85° 08.9338'W</u>	<u>85°09.15'W</u>
TD:	<u>Loran C</u>	<u>missed the target</u>	
TD:		<u>by 6m.</u>	

CORER/CORE INFORMATION

	Piston Core	Trigger Core
Core Head Wt (lbs.):	<u>2800 lb</u>	
Barrel Length (m):	<u>9m</u>	<u>1m</u>
Total Penetration (m):	<u>~8m</u>	<u>1.5m</u>
Recovery (m):		<u>83cm</u>
Flow-in (m):		
Lowering Rate (m/min.):	<u>60m/min to 3150</u>	<u>~25m/min to bottom</u>
Max. Wire Out (m):	<u>3214m</u>	
Pullout:	<u>4.5 3210m</u>	

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	<u>0 - 0.88</u>	
2	<u>0.88 - 2.35</u>	
3	<u>2.35 - 3.76</u>	
4	<u>3.76 - 5.26</u>	
5		
6		
7		
8		
9		
10		

+ c/c

TC36

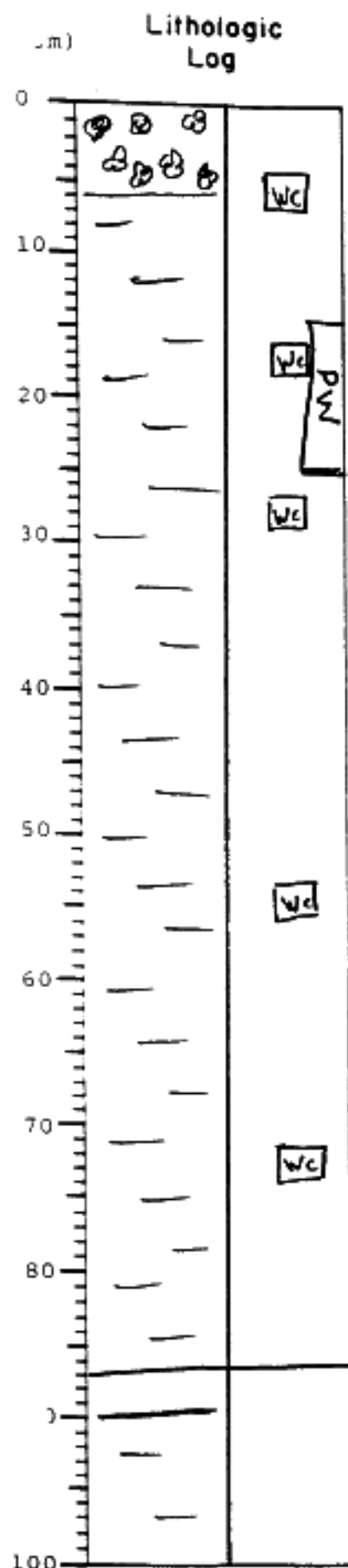
0 - 0.85

Kenyon

Sta. _____ Core No. PC 36

Detailed Description

Total length 526



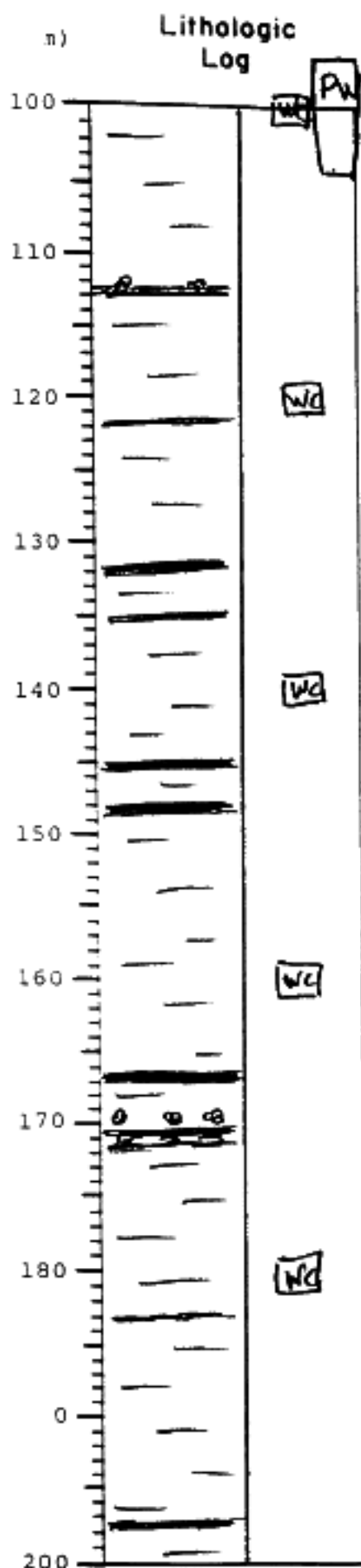
0-6 Muddy foram sand. Moderate yellowish brown
10YR 5/4

6-end of section Dark yellowish brown clay 10YR 4/
Little bioturbation

END OF SECTION

90 Thin organic band - dark gray N 3.

Kenyon

Sta. _____ Core No. PC 36Detailed Description

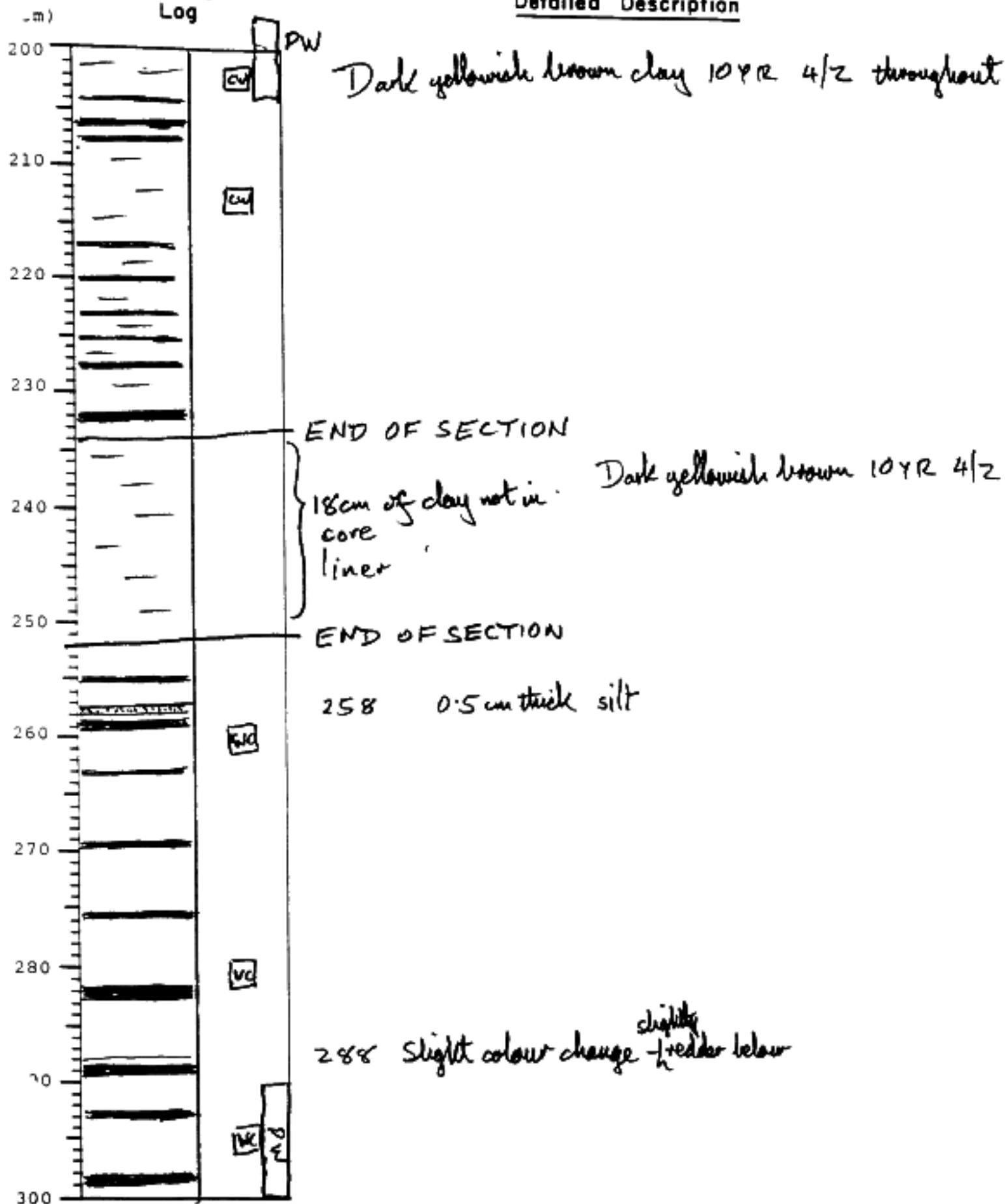
Clay throughout with dark organic bands, sometimes associated with coarser material 10YR 4/2

113 Organic band, dark gray, with forams 0.3 cm.

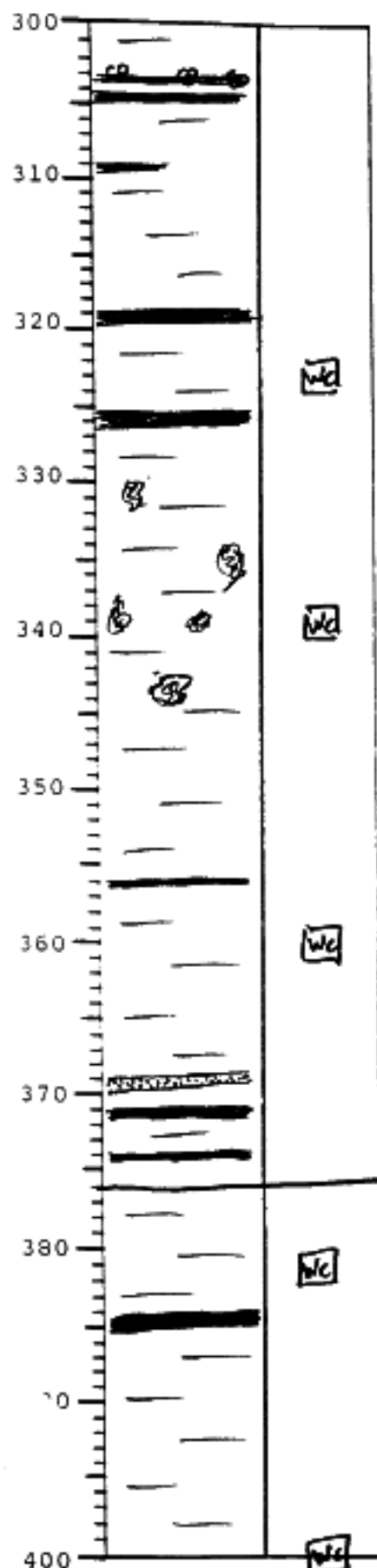
170 Thin forams band 0.3 cm.

171-181 Mottled dark gray organic.

Kenyon

Sta. _____ Core No. PC 36Lithologic
LogDetailed Description

Kenyon

Sta. _____ Core No. PC36Lithologic
LogDetailed Description

303 Thin foram layer

Dark yellowish ^{brown} clay throughout 10 YR 4/2

330-345 Patches of black N2 organic

369 1 cm muddy silt

END OF SECTION

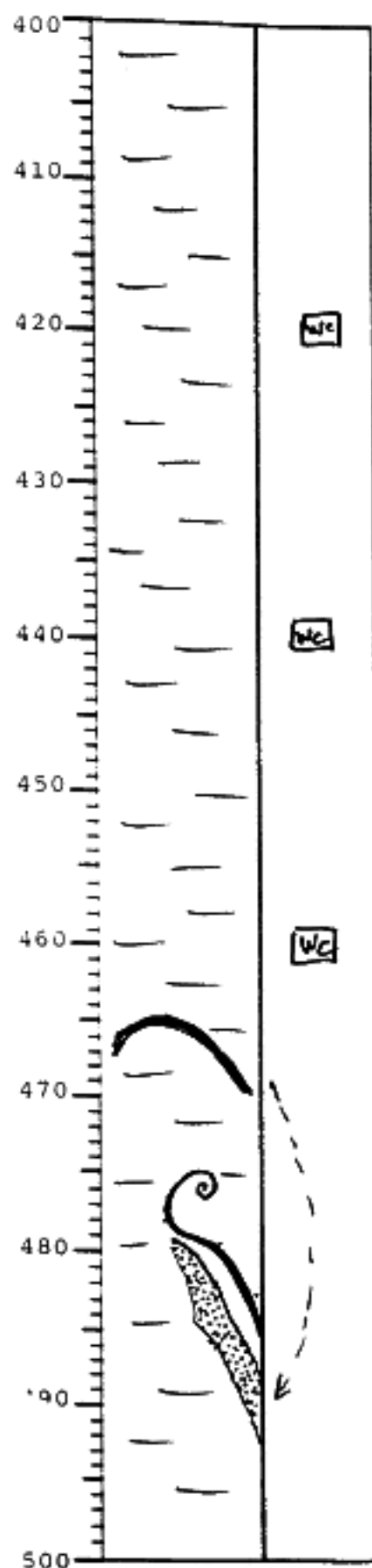
Kenyon

Sta. _____ Core No. PC36

m) Lithologic Log

Detailed Description

Uniform dark yellowish brown clay 10YR 4/2 throughout. Scarcity of black organic material



465 Black organic band. Slight colour change below.

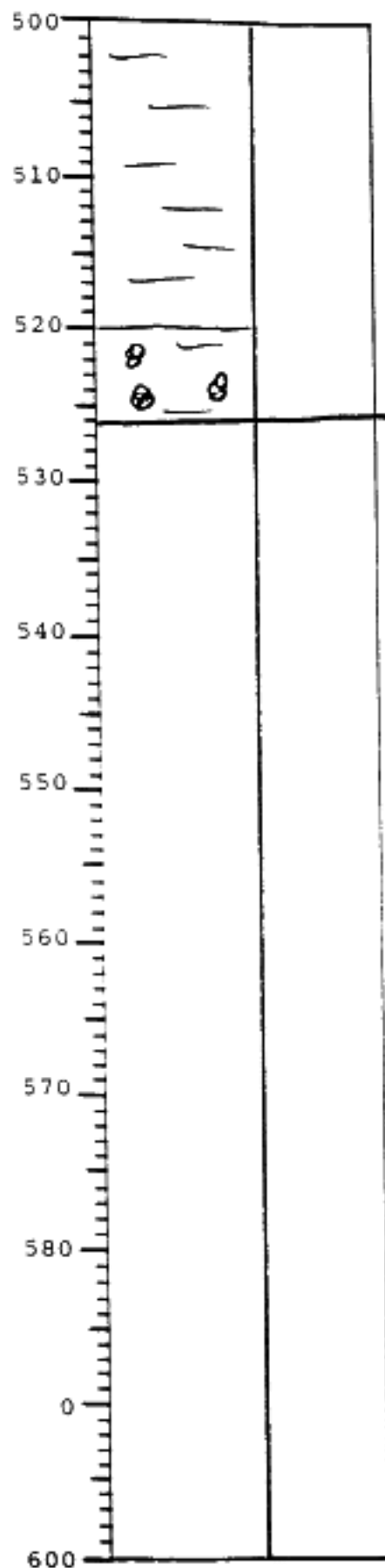
465 - 500 Coring disturbance. Silt layer may have been dragged down from about 464

VISUAL CORE DESCRIPTION

F-4-90

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Kenyon

Sta. _____ Core No. PC36n) Lithologic
LogDetailed Description

520-526

Dark yellowish brown clay with scattered
forams and black organic patches

BASE OF CORE

VISUAL CORE DESCRIPTION

F-4-90

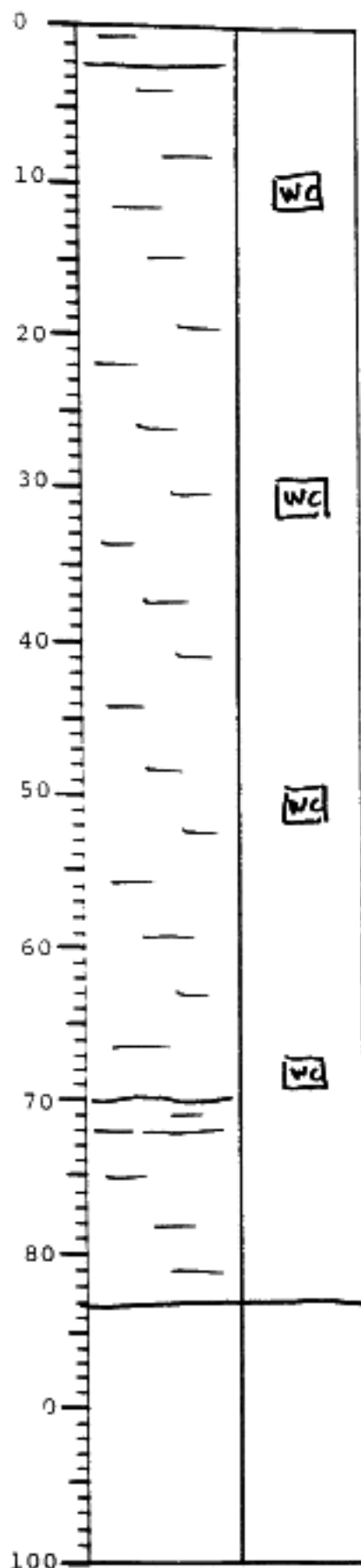
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Kenyon

Sta. _____ Core No. TC 36

m) Lithologic Log

Detailed Description



0-2 Moderate yellowish brown clay 10YR 5/4

2-70 Homogeneous dark yellowish brown clay
10YR 4/2

Some small organic blobs - sign of limited
bioturbation.

70-72 Moderate yellowish brown clay
10YR 5/4

72-Base Dark yellowish brown clay
10YR 4/2

Probable
repenetration