

F-4-90

Gulf of Mexico - April 1990

R/V Farnella

STATION/ CORE ID: 55/PC55
 DATE: 23-24 April, 1990
 WEATHER: Calm
 RECORDED BY: Twichell
 PROCESSORS: _____

APPROX. LOCATION: Low backscatter
South of old lobe
 WATER DEPTH (m): 3295 m
 NAVIGATION: GPS
 WINCH: _____

MISC. EQUIP: _____

MISC. PROCEDURES: _____

COMMENTS: 5 sections top core (F) only ~ 50 cm
Mud in catcher & not sand in catcher

CORE LOCATION

	Start	On-Bottom	End
Time:	<u>2355Z</u>	<u>JD114 0101Z</u>	<u>0215</u>
LAT:	<u>26°24.99'N</u>	<u>26°24.87'N</u>	<u>26°25.09'N</u>
LONG:	<u>85°03.52'W</u>	<u>85°03.53'W</u>	<u>85°03.87'W</u>
TD:	<u>GPS</u>	<u>GPS</u>	<u>GPS</u>
TD:	_____	_____	_____

CORER/CORE INFORMATION

	Piston Core	Trigger Core
Core Head Wt (lbs.):	<u>2800 lb</u>	<u>150 lb</u>
Barrel Length (m):	<u>9 m</u>	<u>1 m</u>
Total Penetration (m):	<u>~ 9 m</u>	<u>1+ m</u>
Recovery (m):	_____	<u>24 cm</u>
Flow-in (m):	_____	_____
Lowering Rate (m/min.):	<u>~ 25 m/min near the bottom</u>	_____
Max. Wire Out (m):	<u>3225 m</u>	_____
Pullout:	<u>4.5 hrs 3221 m</u>	_____

SECT. NO.	INTERVAL (m)	COMMENTS (Disturbance...)
1	<u>0 - 0.37</u>	_____
2	<u>0.37 - 1.87</u>	_____
3	<u>1.87 - 3.37</u>	_____
4	<u>3.37 - 4.72</u>	_____
5	<u>4.72 - 6.21</u>	_____
6	_____	_____
7	_____	_____
8	_____	_____
9	_____	_____
10	_____	_____
	<u>+ c/c</u>	_____
TC 55	<u>0 - 0.24</u>	_____
	<u>+ c/c</u>	_____

5 sections

Kenyon

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Sta. _____ Core No. Pe 55

621 cm - not

Detailed Description

it correlated exactly w/ 54

0-23 Moderate yellowish brown 10YR 5/4 muddy
fine sand grading down into clay

23-26 Mottled light olive brown and light olive gray clay-
indurated Fe rich, oxidised

26-61 Olive gray 5 3/2 muddy fine sand, with some forams. Increasing forams and light olive gray down core

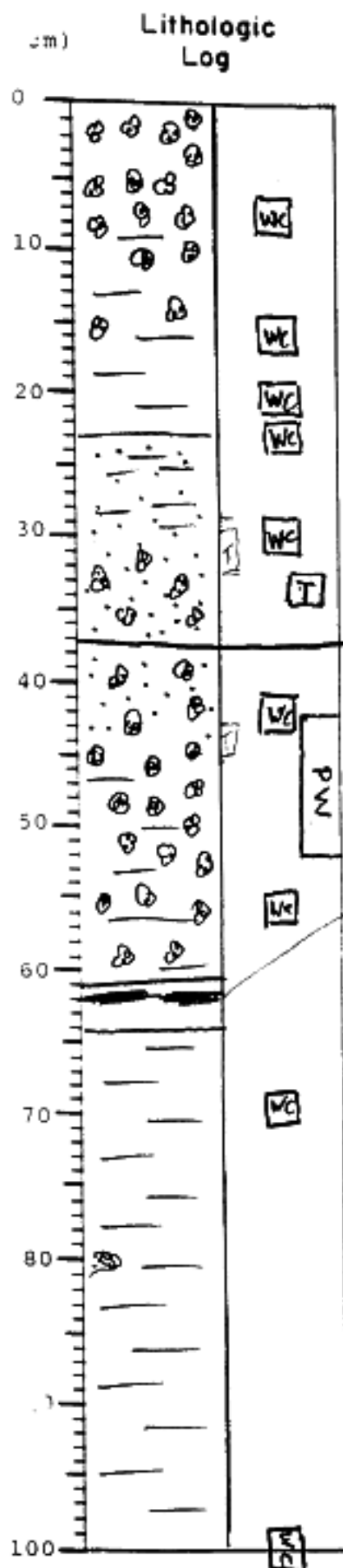
END OF SECTION

Fe crust

61-64 Moderate olive brown SY 4/4 clay

64-Base of core Dark yellowish brown 10 YR 4/2 clay

80 Burrow with forams in clay fill



VISUAL CORE DESCRIPTION

F-4-90

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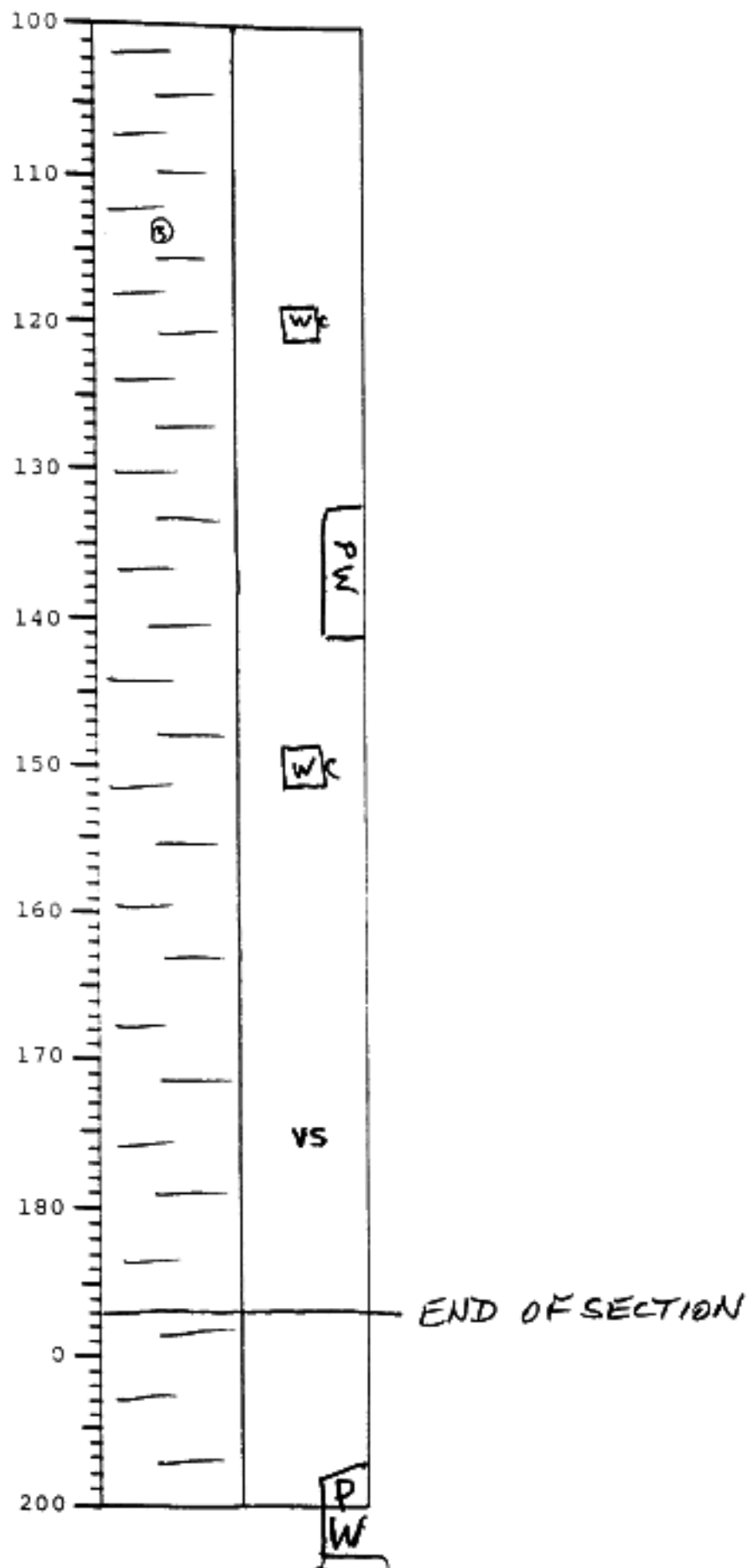
Kenyon

Sta. _____ Core No. PC 55

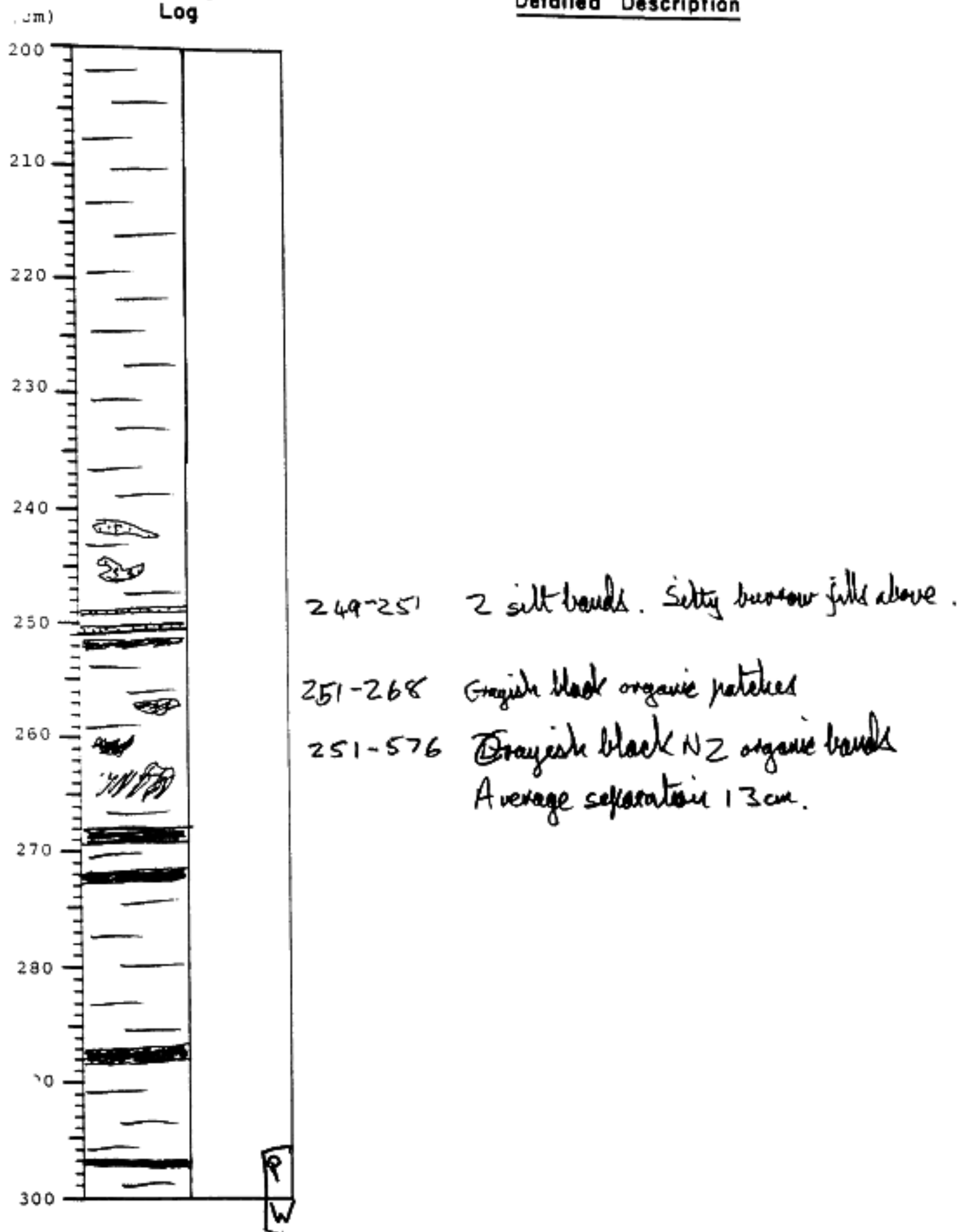
1)

Lithologic Log

Detailed Description



Kenyon

Sta. _____ Core No. PC 55Lithologic
LogDetailed Description

VISUAL CORE DESCRIPTION

F-4-90

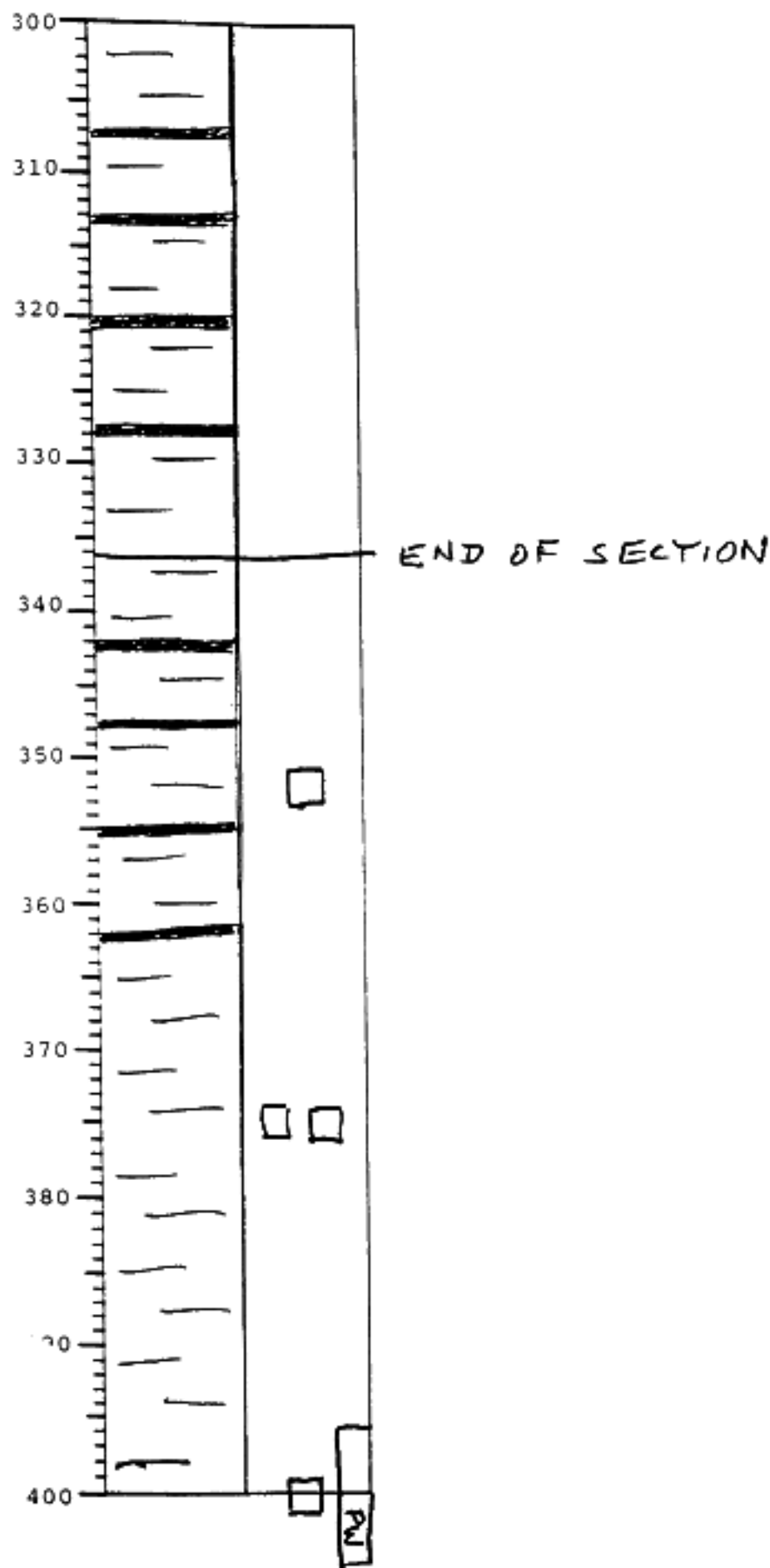
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Kenyon

Sta. _____ Core No. PC55

1) Lithologic Log

Detailed Description



VISUAL CORE DESCRIPTION

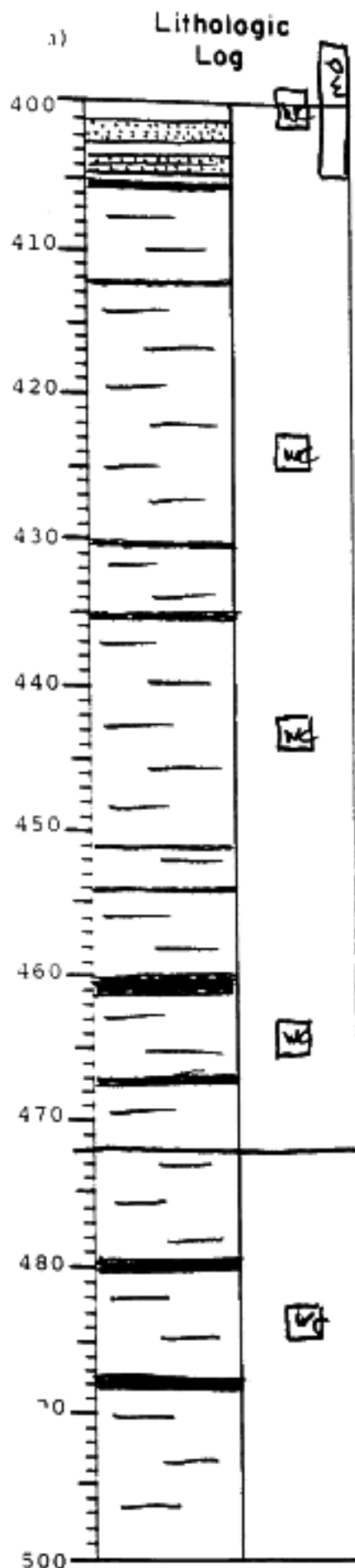
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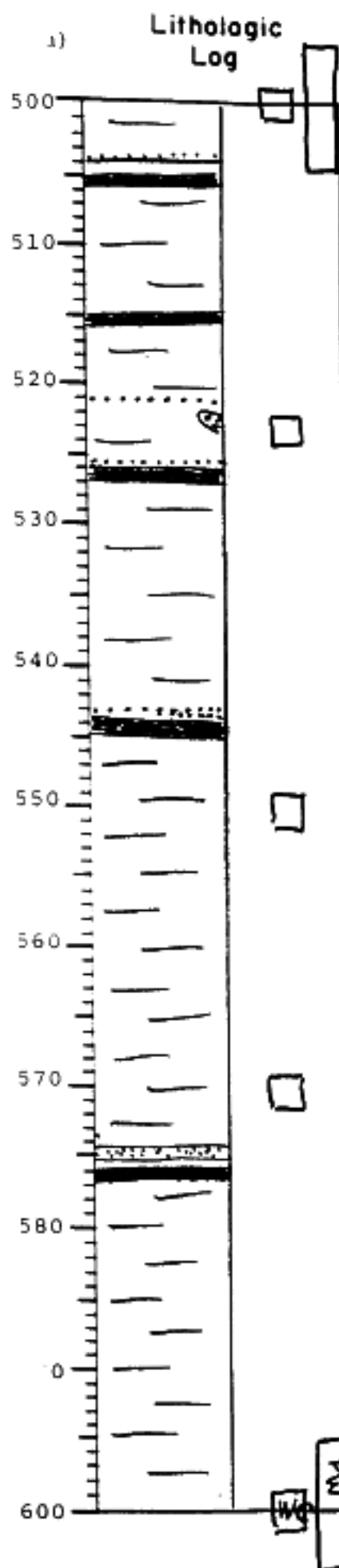
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Sta. _____ Core No. PC55

Detailed Description



Kenyon

Sta. _____ Core No. PC 55Detailed Description

504 Dark yellowish brown 0.2cm silt + foram layer
+ small piece of wood (left in place)
(i.e. not taken for analysis)

544 Thin, 0.2cm foram layer

575 Silt layer, 0.8cm thick.

VISUAL CORE DESCRIPTION

F-4-90

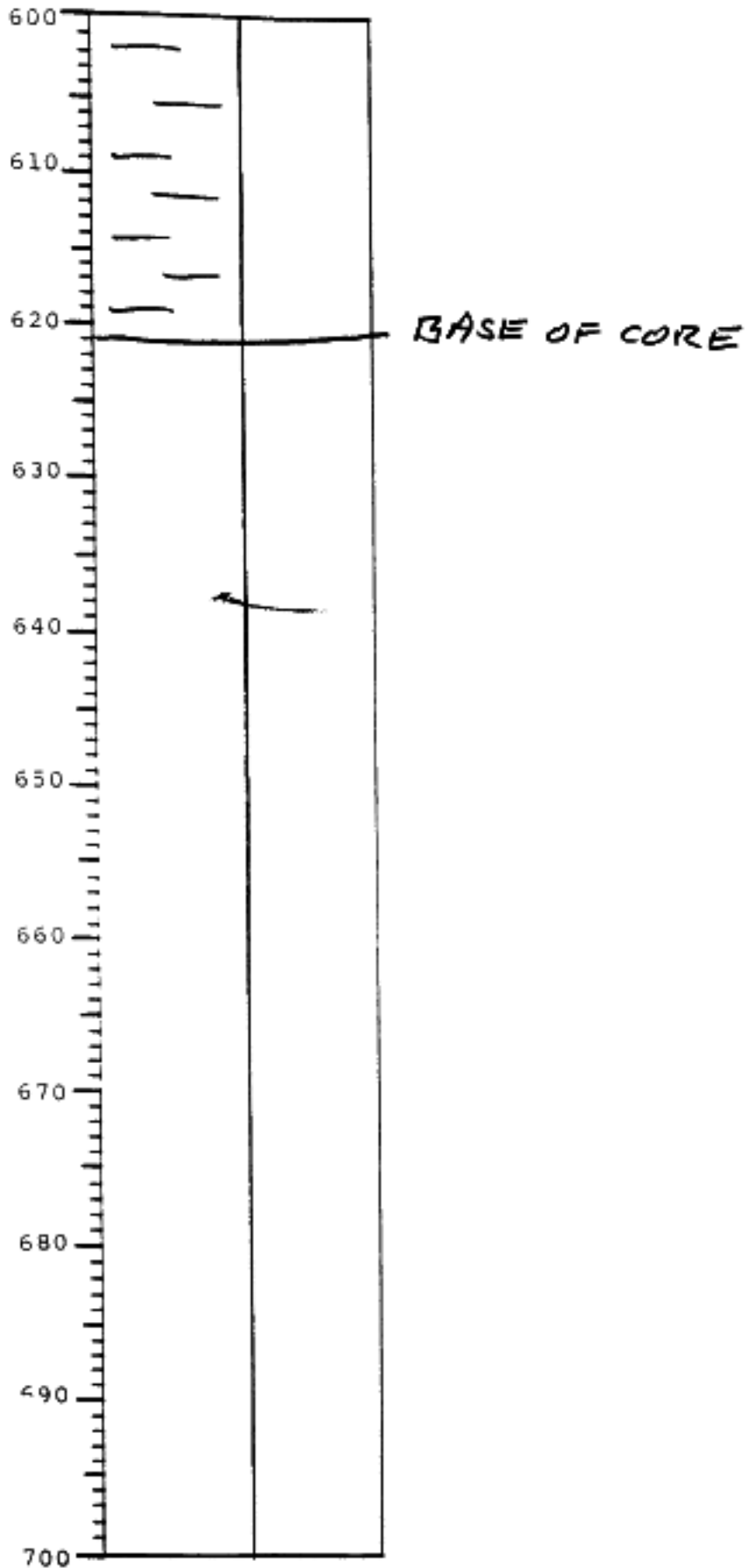
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Kenyon

Sta. _____ Core No. PC55

1) Lithologic
Log

Detailed Description



VISUAL CORE DESCRIPTION

F-4-90

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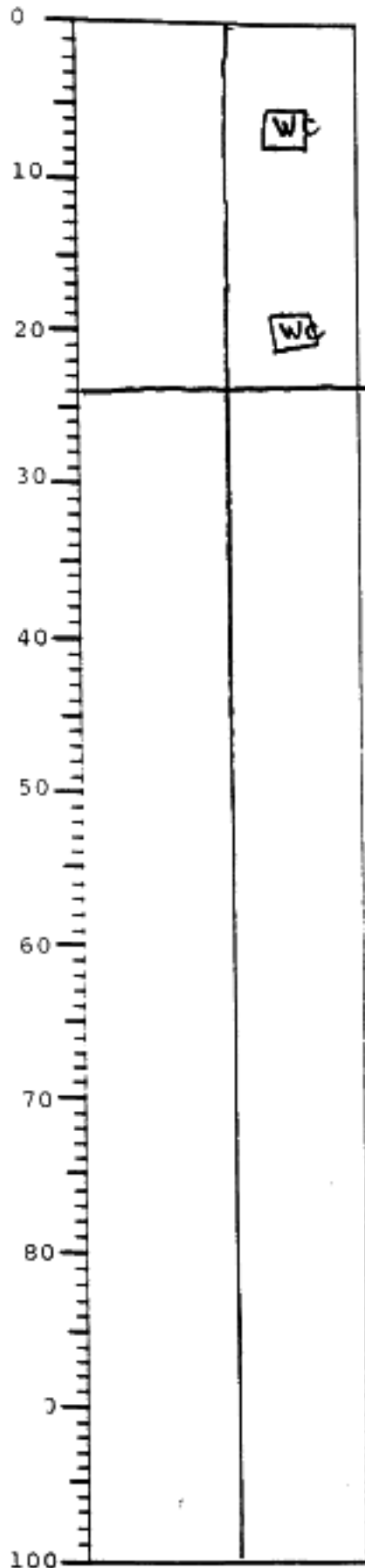
Kenyon

Sta. _____ Core No. TC 55

Lithologic
Log

Detailed Description

.m)



As PC 55

BASE OF CORE