

Gulf of Mexico - April 1990

STATION/ CORE ID: 54/PC54
DATE: 23 April 1990 JDL/B
WEATHER: Calm
RECORDED BY: Twickell
PROCESSORS:

APPROX. LOCATION: Southern edge
of southern lobe
WATER DEPTH (m): 3295m
NAVIGATION: Loran C
WINCH:

MISC. PROCEDURES: 3rd core in transect across older lake

COMMENTS: Core landed ~ 1200m SE of target, but still in high backscatter. 5 sections ~ 6.5 m long total - ended in core catcher, but sandy on the outside.

	Start	On-Bottom	End
Time:	2045Z	2147	
LAT:	26° 25.93'N	26° 25.79'N	
LONG:	85° 04.11'W	85° 03.65'W	
TD:			
TD:			

	Piston Core	Trigger Core
Core Head Wt (lbs.):	2800 lb	150 lb
Barrel Length (m):	9 m	1 m
Total Penetration (m):	~9 m	1 + 13
Recovery (m):		30 cm
Flow-in (m):		
Lowering Rate (m/min.):	~25 m/min near bottom	
Max. Wire Out (m):	3227	
Pullout:	4.4 3224 m	

SECT. NO.	INTERVAL (m)		COMMENTS (Disturbance....)
1	0 - 0.64		
2	0.64 - 2.13		
3	2.13 - 3.67		
4	3.67 - 4.96		
5	4.96 - 6.45		
	+ c/c		
C 54	0 - 0.30		
	+ c/c		

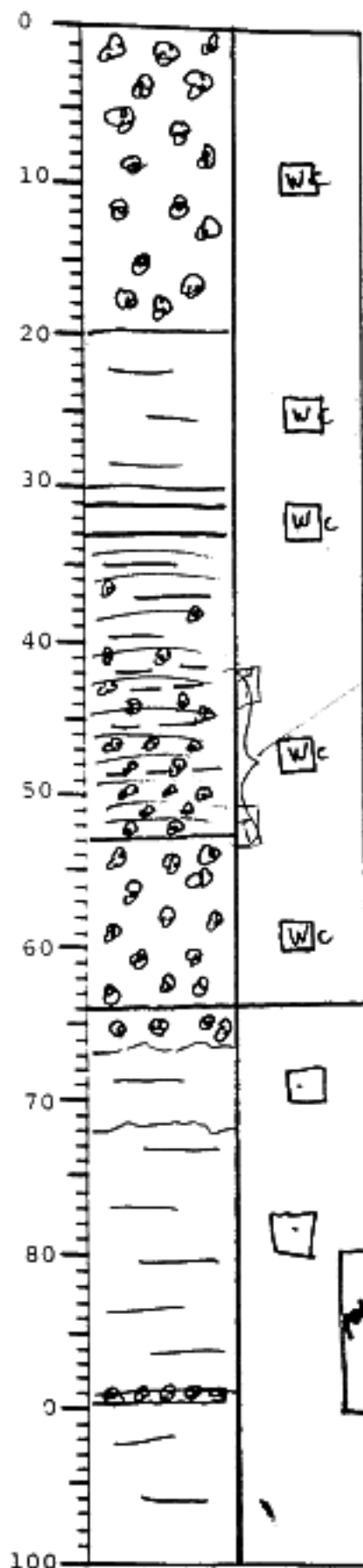
Kenyon

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Sta. _____ Core No. PC 54

Lithologic Log

Detailed Description



0-20 Moderate yellowish brown 10YR 5/4 (ovum sand)

20-3a Mod. yellowish brown 10YR 5/4 clay with some
sands in pockets

30-33 Moderate olive brown SY 4/4 clay with 3 narrow 0.3cm Fe bands (Mod. yellowish orange 10YR 4/6)

33-53. Olive gray 54 3/2 forams sand, with current
bedding grading up into olive gray muddy sand
days mainly

53-67 Light olive gray 5' 5/2 from sand.

END OF SECTION

67 -72 Moderate olive brown SY 4/4 and light olive brown SY 5/6 Fe stained clay.

72-79 Dark yellowish brown 10YR 4/2 clay - gas
 charged -
 small holes.

89-90 Muddy brown sand

VISUAL CORE DESCRIPTION

F-4-90

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Sta. _____ Core No. PC 54

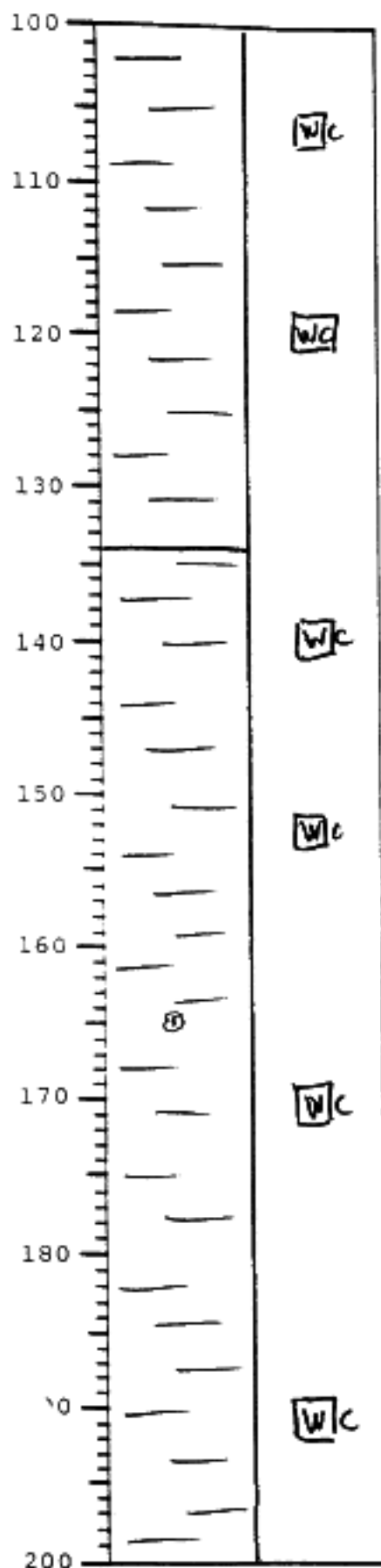
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Lithologic Log

Detailed Description

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

134 Sharp, but minor, colour change



VISUAL CORE DESCRIPTION

F-4-90

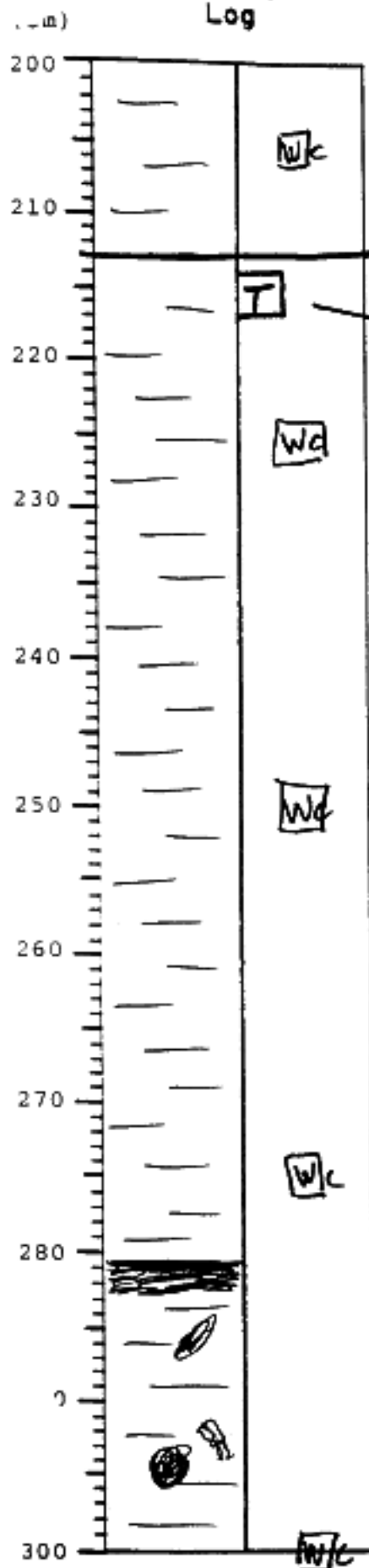
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Kenya

Sta. _____ Core No. PC 54

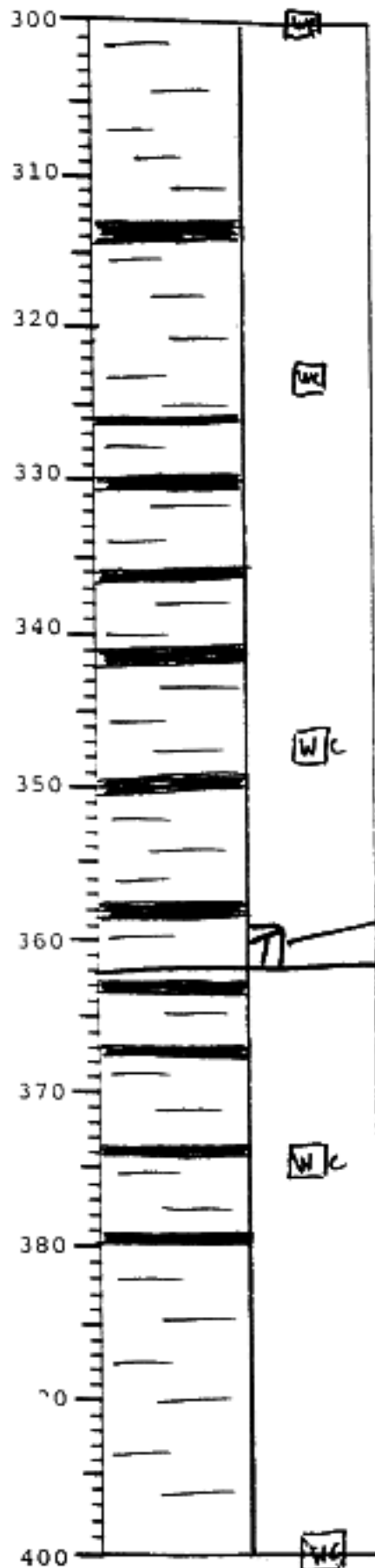
Lithologic Log

Detailed Description



80c
End of section
cf massive mud

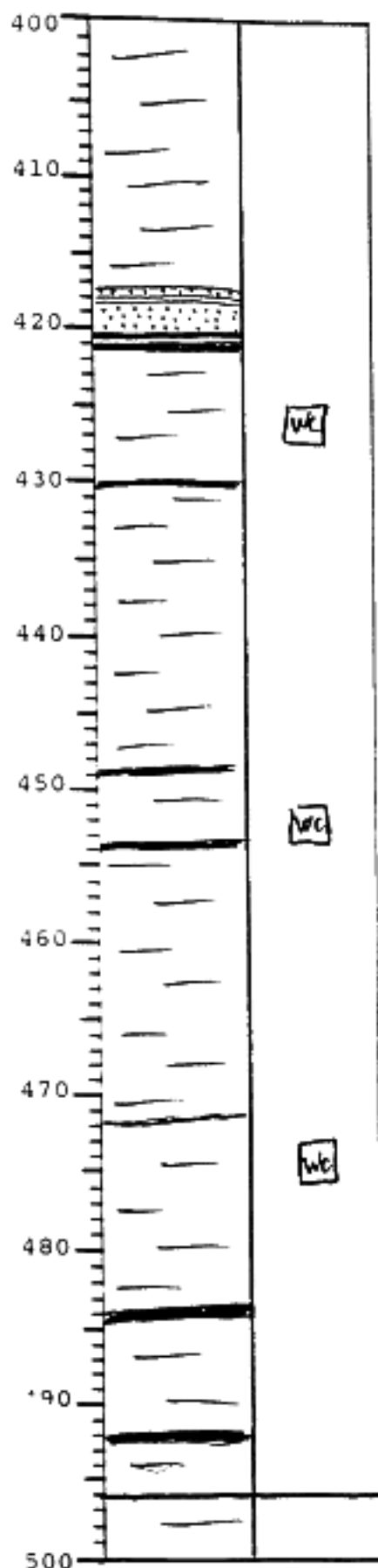
280-283 Grayish black N₂ organic band
283-298 Patches of grayish black burrow traces

*Kenyon*Sta. _____ Core No. PC 54Lithologic
LogDetailed Description

Kenyan

Sta. _____ Core No. PC 54

Lithologic Log

Detailed Description

418-420 Muddy silt with organic band beneath
CHN - 88 or siliceous clastic?

VISUAL CORE DESCRIPTION

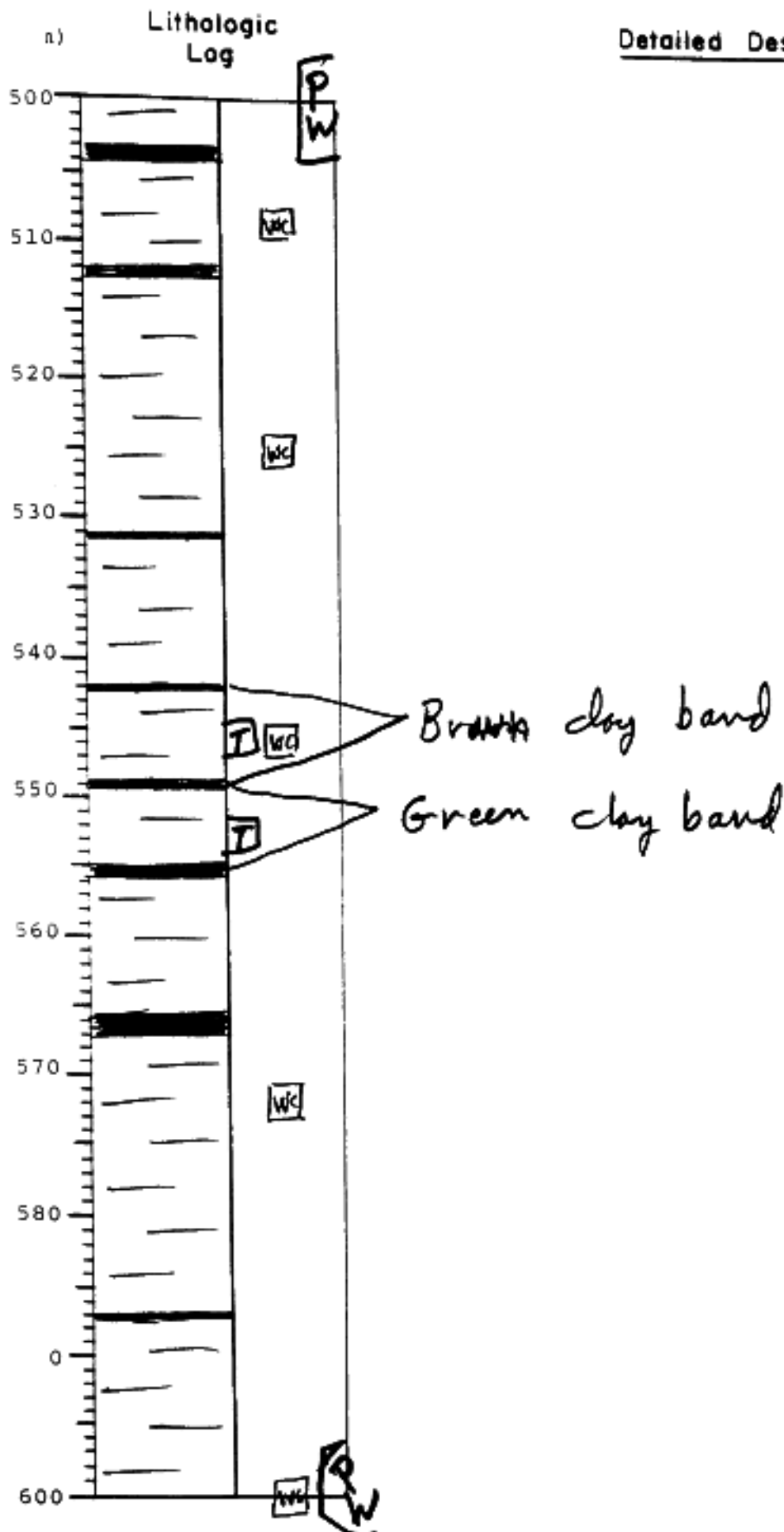
F-4-90

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Kenyon

Sta. _____ Core No. PC 54

Detailed Description



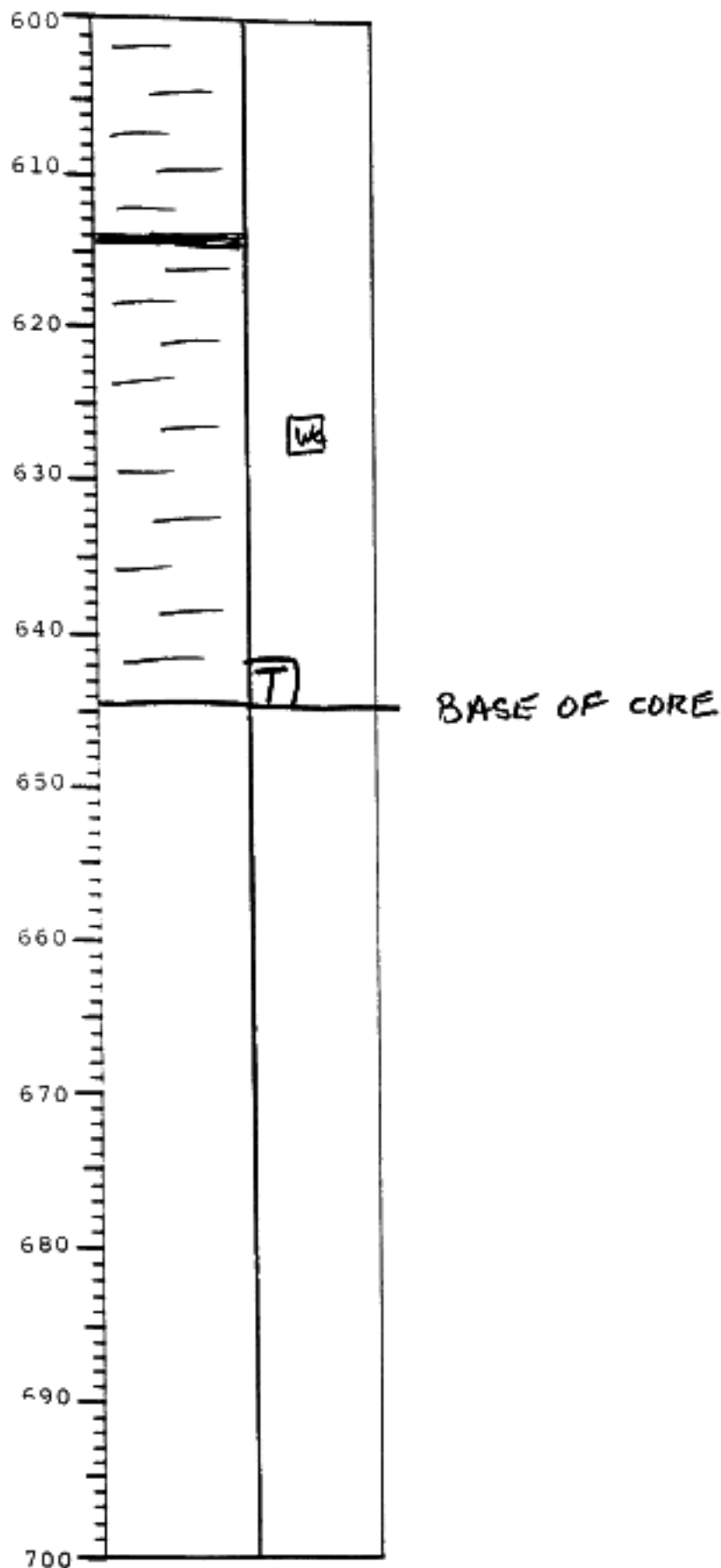
VISUAL CORE DESCRIPTION

F-4-90

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Lithologic Log

Detailed Description



VISUAL CORE DESCRIPTION

F-4-90

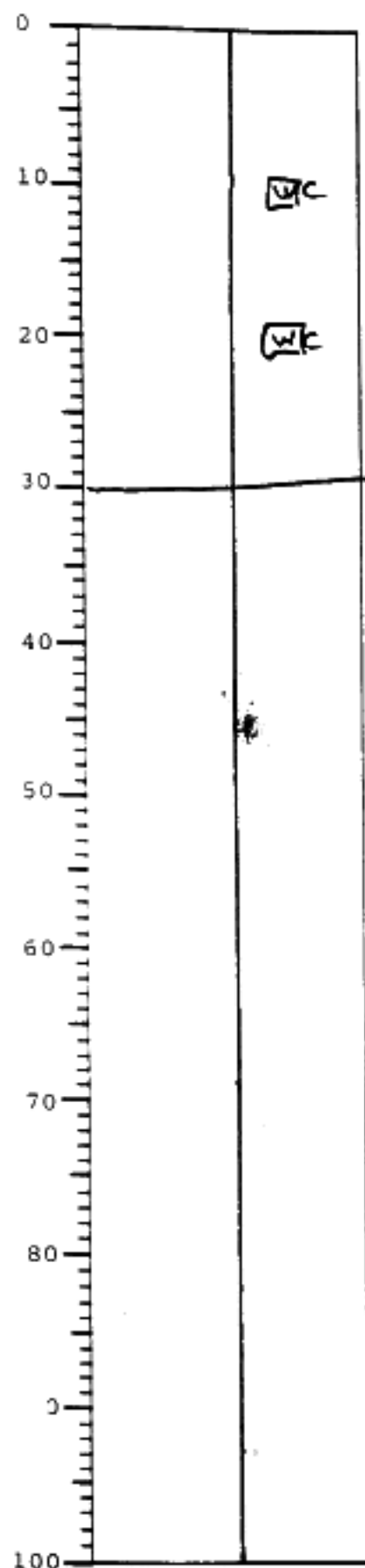
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Newson

Sta. _____ Core No. TC 54

Lithologic
Log

Detailed Description



AS PC 54 thus not described.