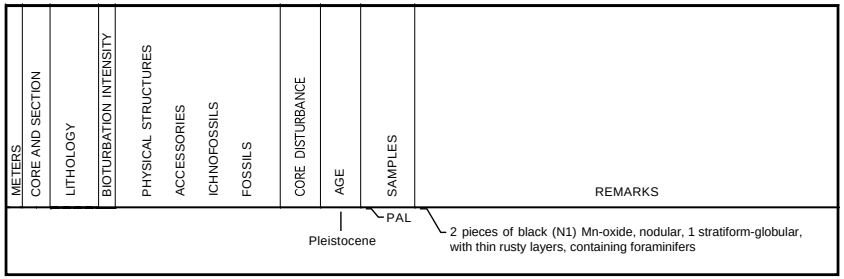
1049A-1X NO RECOVERY

1049A-2X

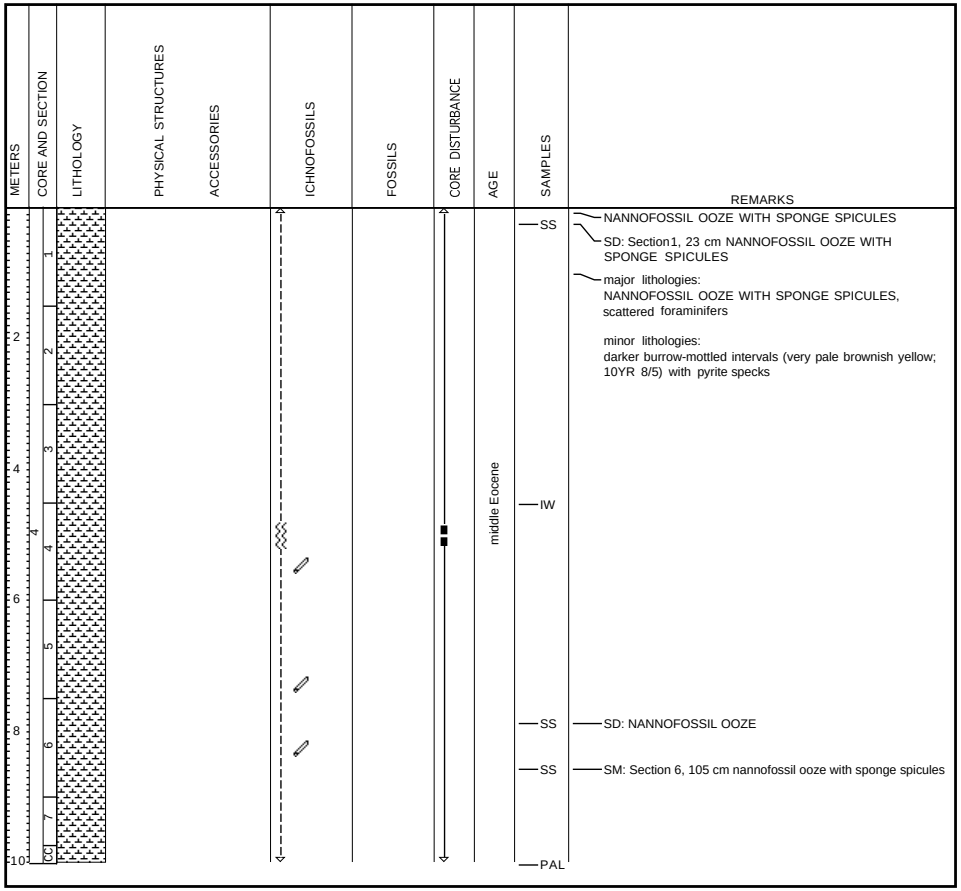
SITE 1049 HOLE A CORE 2X CORED 9.30-18.60 mbsf

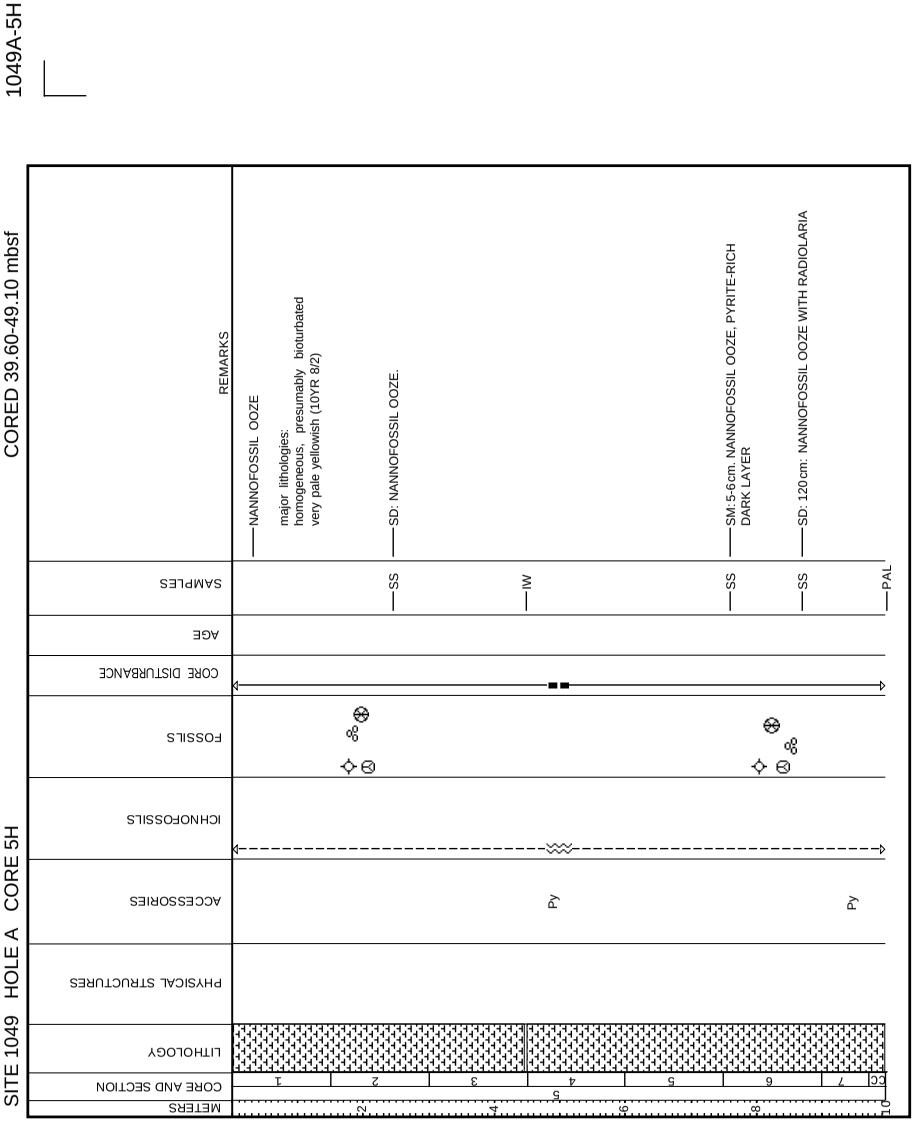


Prior Chapter Contents Next Chapter

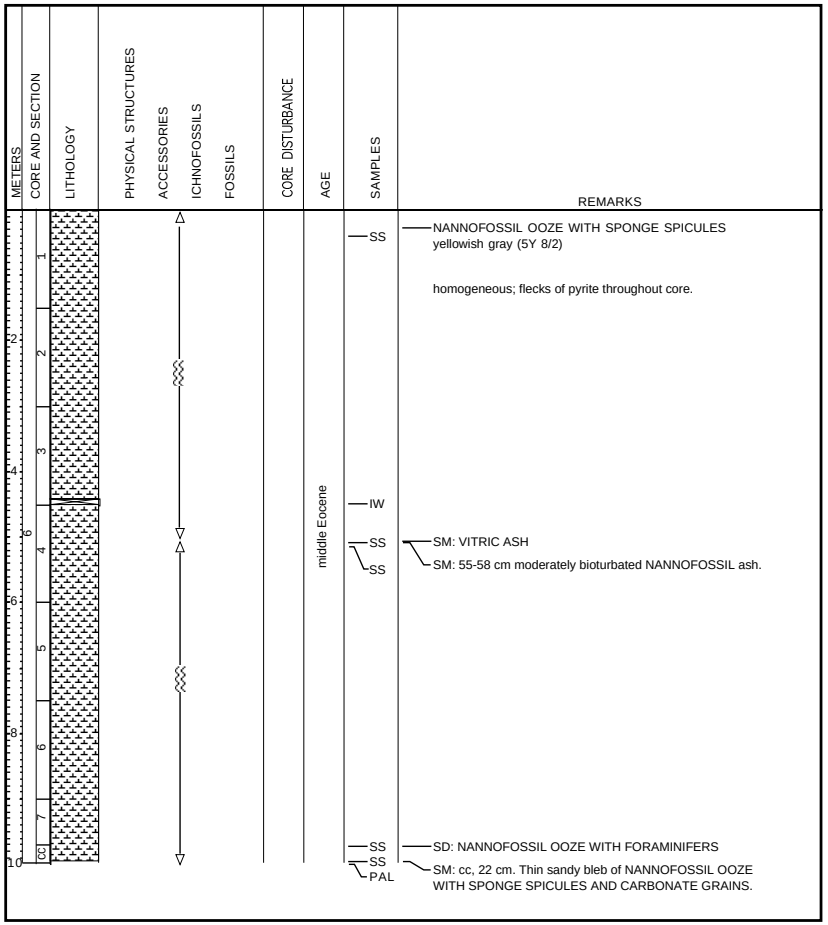
SITE 1049 HOLE A CORE 3H — CORED 18.60-30.10 mbsf

1049A-3H

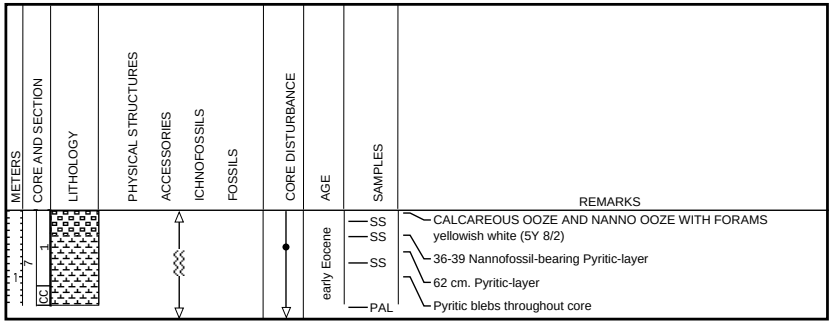

METERS
CORE AND SECTION
LITHOLOGY
PHYSICAL STRUCTURES
ACCESSORIES
ICHNOFOSSILS
FOSSILS
CORE DISTURBANCE
AGE
SAMPLES
REMARKS
middle Eocene
SS
IW
SS
SS
PAL
NANNOFOSSIL OOZE WITH SPONGE SPICULES
SD: Section1, 23 cm NANNOFOSSIL OOZE WITH SPONGE SPICULES
major lithologies:
NANNOFOSSIL OOZE WITH SPONGE SPICULES, scattered foraminifers
minor lithologies:
darker burrow-mottled intervals (very pale brownish yellow; 10YR 8/5) with pyrite specks
SD: NANNOFOSSIL OOZE
SM: Section 6, 105 cm nannofossil ooze with sponge spicules


1049A-5H
SITE 1049 HOLE A CORE 5H
CORED 39.60-49.10 mbsf
METERS
CORE AND SECTION
LITHOLOGY
PHYSICAL STRUCTURES
ACCESSORIES
ICHNOFOSSILS
FOSSILS
CORE DISTURBANCE
AGE
SAMPLES
REMARKS
NANNOFOSSIL OOZE
major lithologies:
homogeneous, presumably bioturbated
very pale yellowish (10YR 8/2)
SD: NANNOFOSSIL OOZE.
SM:5-6cm. NANNOFOSSIL OOZE, PYRITE-RICH
DARK LAYER
SD: 120cm: NANNOFOSSIL OOZE WITH RADIOLARIA
SS
IW
SS
SS
PAL
Py
Py
1
2
3
4
5
6
7
CC
0
1
2
3
4
5
6
7
8
9
10

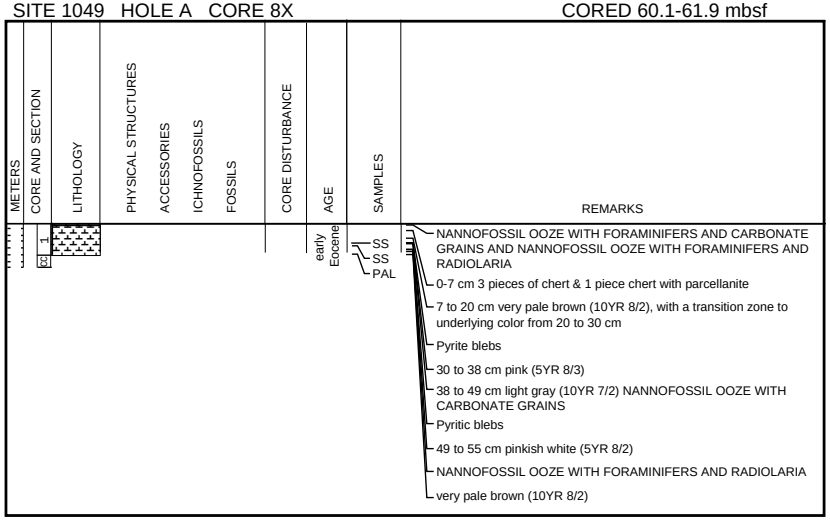
SITE 1049 HOLE A CORE 6H CORED 49.1-58.6 mbsf



SITE 1049 HOLE A CORE 7H CORED 58.6-60.1 mbsf



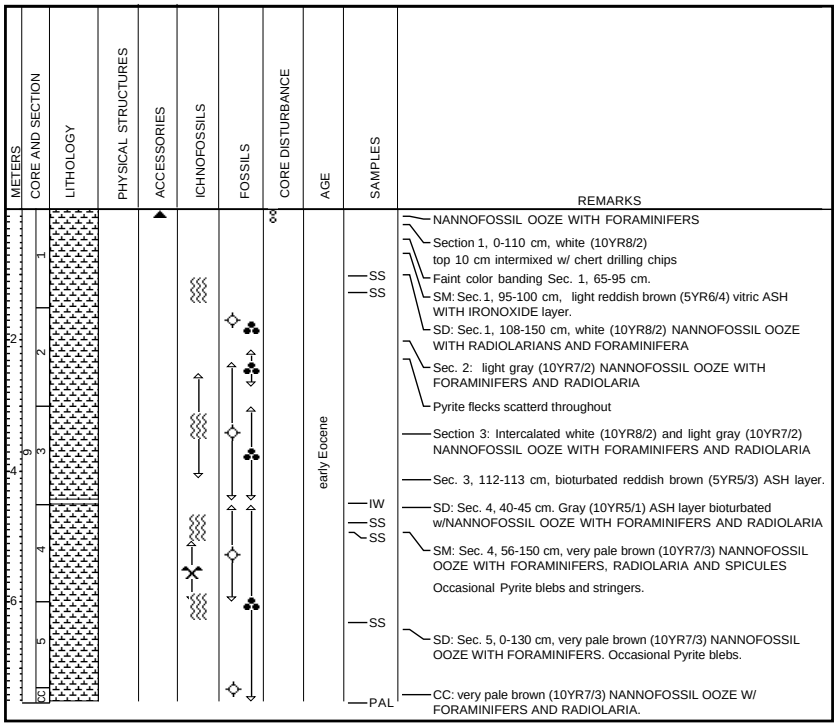
SITE 1049 HOLE A CORE 8X CORED 60.1-61.9 mbsf



1049A-7H

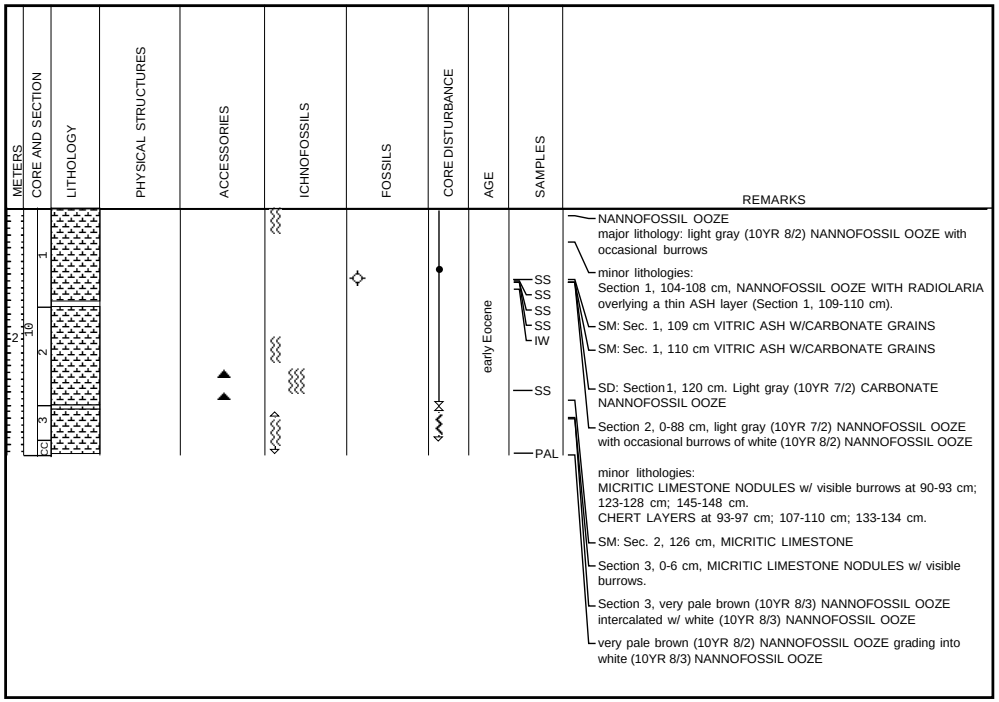
1049A-8X

SITE 1049 HOLE A CORE 9H CORED 61.9-69.4 mbsf



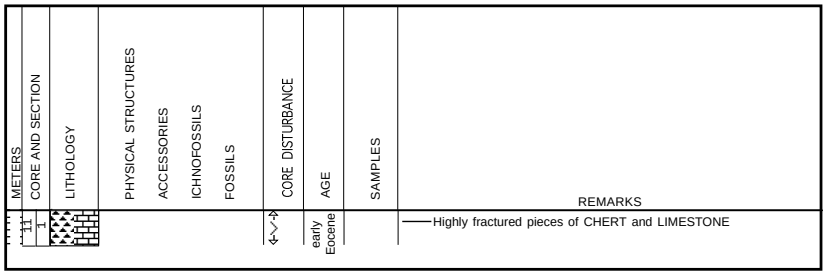
SITE 1049 HOLE A CORE 10X — CORED 69.4-77.1 mbsf

1049A-10X



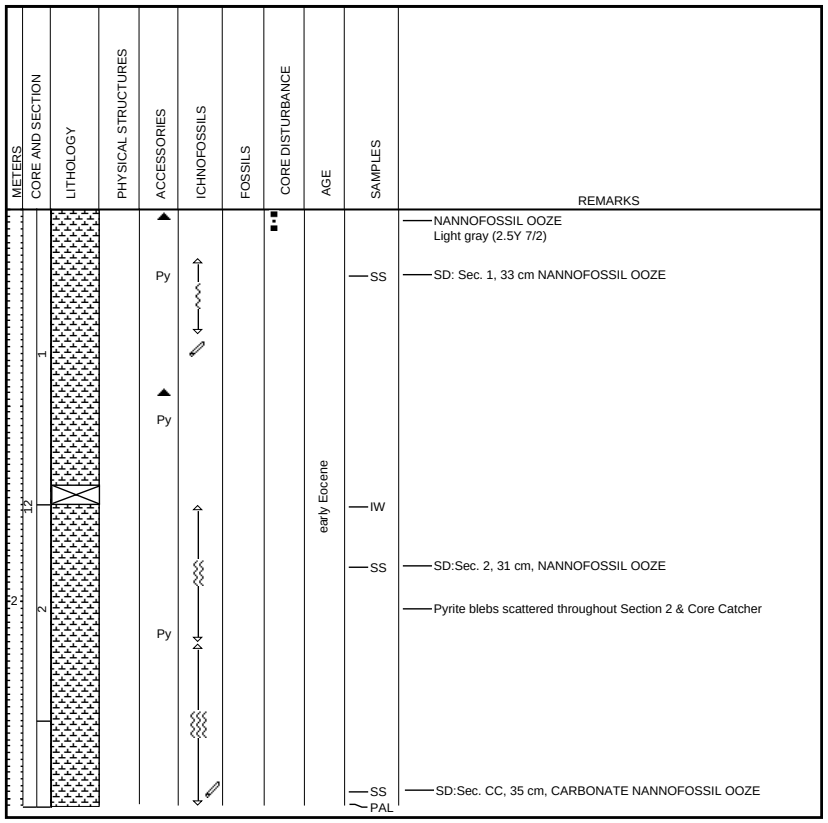
SITE 1049 HOLE A CORE 11X — CORED 77.1-86.1 mbsf

1049A-11X

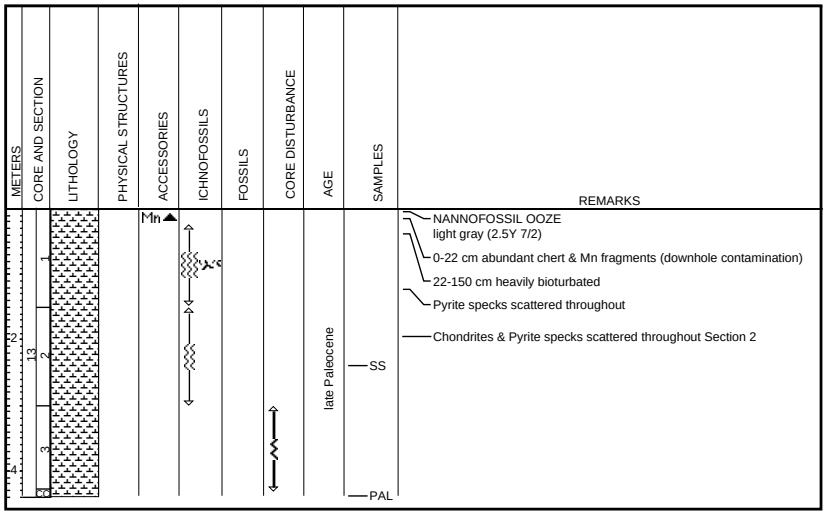


SITE 1049 HOLE A CORE 12X CORED 86.1-95.7 mbsf

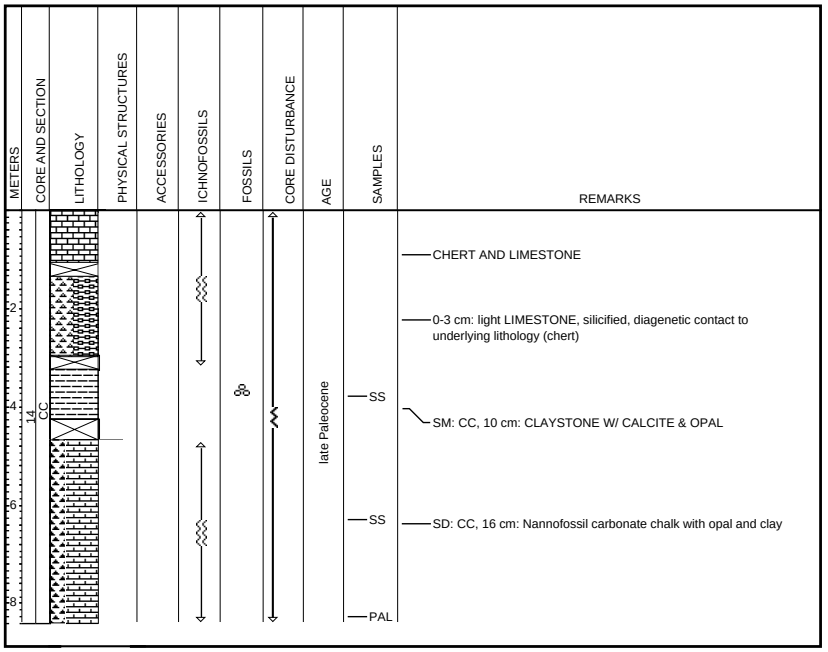
1049A-12X



SITE 1049 HOLE A CORE 13H CORED 95.7-100.1 mbsf



SITE 1049 HOLE A CORE 14X CORED 100.1-105.3 mbsf

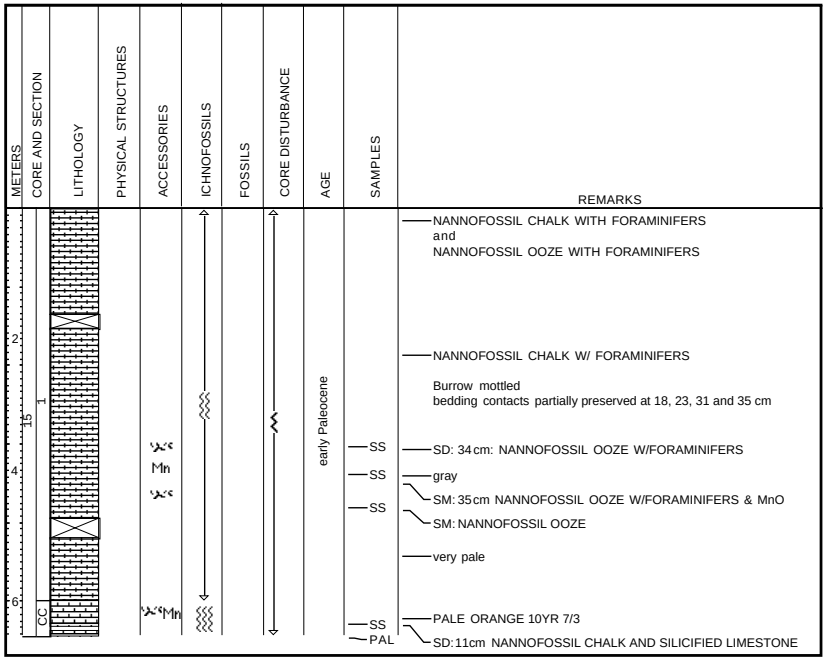


1049A-13H

1049A-14X

SITE 1049 HOLE A CORE 15X CORED 105.3-115.0 mbsf

1049A-15X

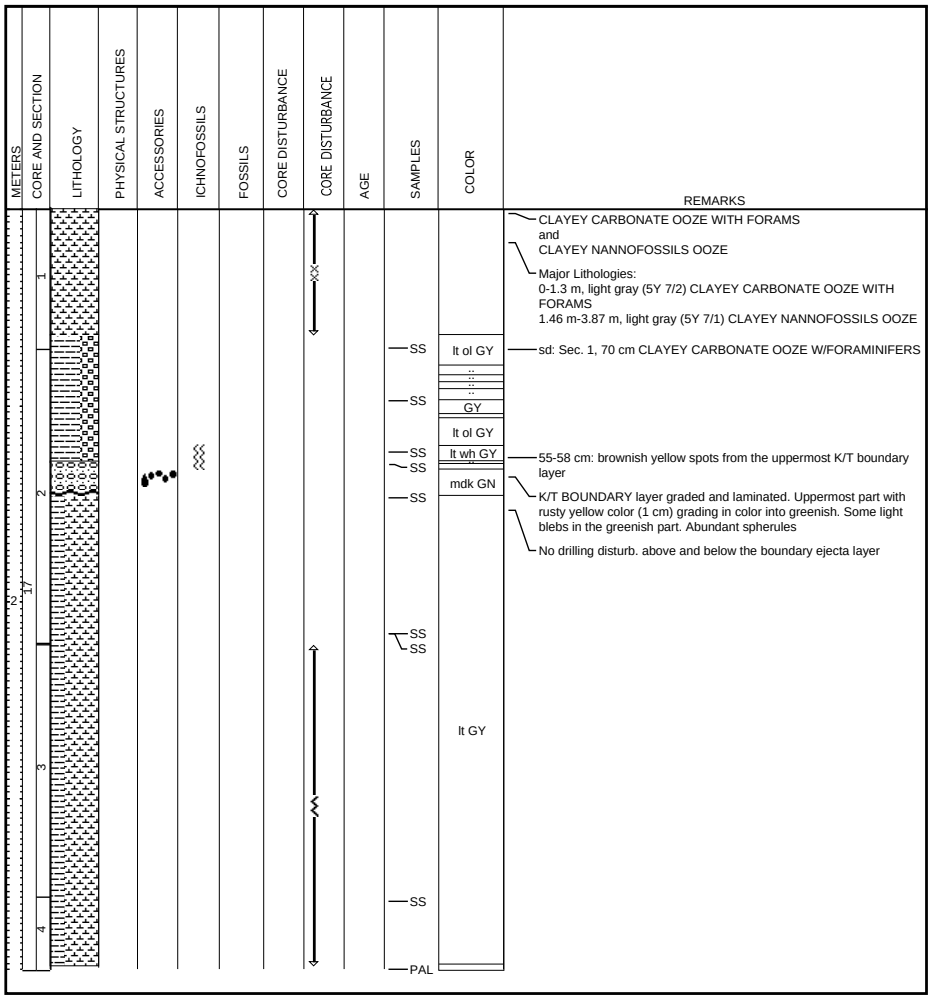


SITE 1049 HOLE A CORE 16X CORED 115.0-124.6 mbsf

1049A-16X

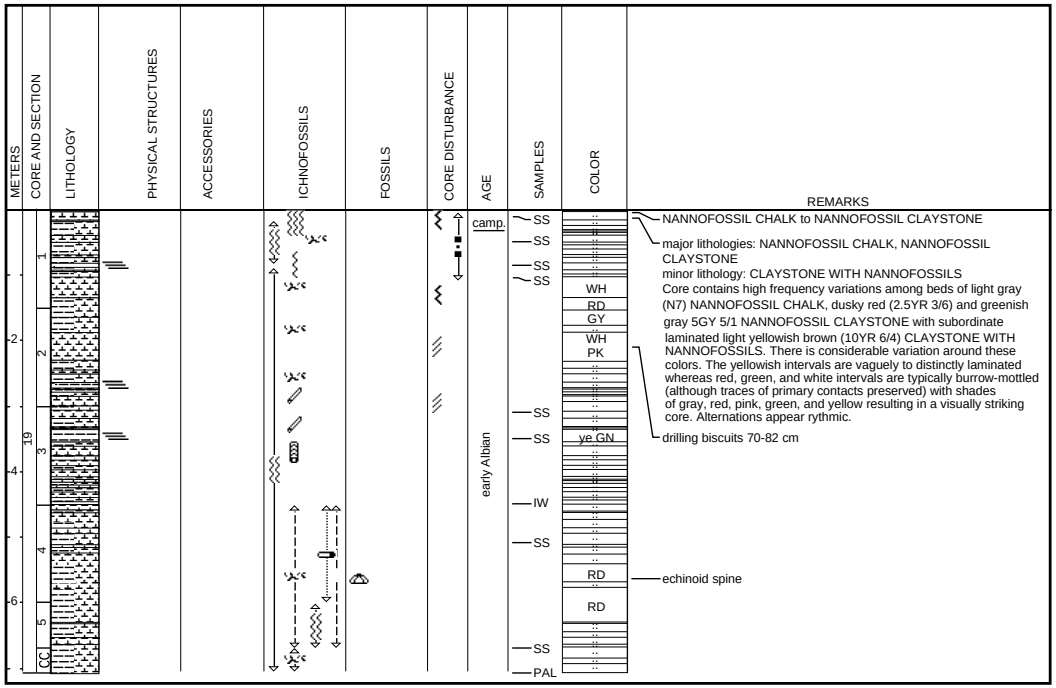
SITE 1049 HOLE A CORE 17X CORED 124.6-134.3 mbsf

1049A-17X



SITE 1049 HOLE A CORE 18X CORED 134.3-143.9 mbsf

1049A-18X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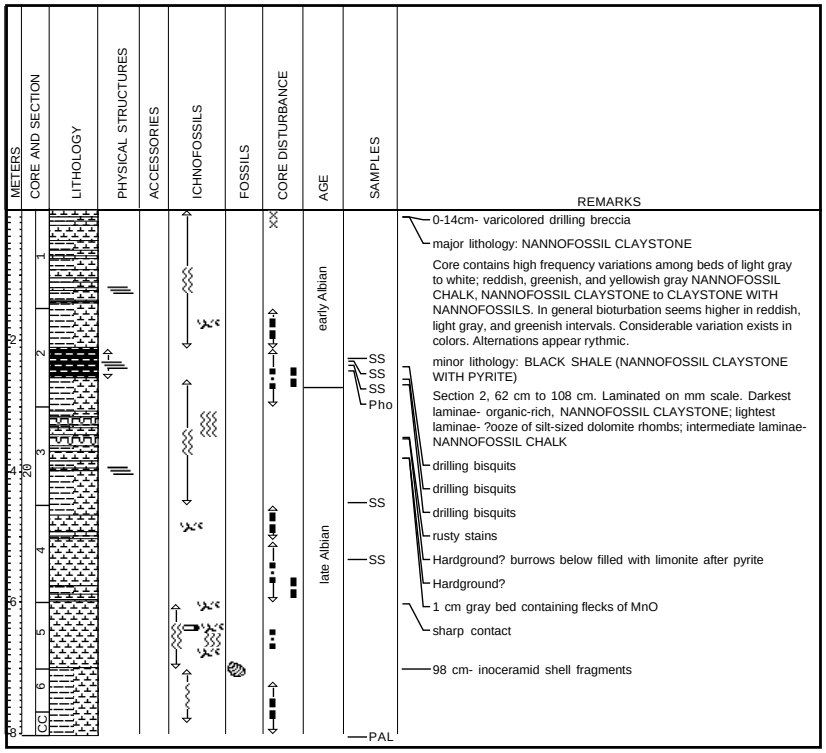
CORE DISTURBANCE
AGE
SAMPLES
COLOR
REMARKS
19
1
2
3
4
5
CC
camp.
early Albian
SS
SS
SS
SS
SS
SS
IW
SS
SS
PAL
WH
RD
GY
WH
PK
ye GN
RD
RD
NANNOFOSSIL CHALK to NANNOFOSSIL CLAYSTONE
major lithologies: NANNOFOSSIL CHALK, NANNOFOSSIL CLAYSTONE
minor lithology: CLAYSTONE WITH NANNOFOSSILS
Core contains high frequency variations among beds of light gray (N7) NANNOFOSSIL CHALK, dusky red (2.5YR 3/6) and greenish gray 5GY 5/1 NANNOFOSSIL CLAYSTONE with subordinate laminated light yellowish brown (10YR 6/4) CLAYSTONE WITH NANNOFOSSILS. There is considerable variation around these colors. The yellowish intervals are vaguely to distinctly laminated whereas red, green, and white intervals are typically burrow-mottled (although traces of primary contacts preserved) with shades of gray, red, pink, green, and yellow resulting in a visually striking core. Alternations appear rythmic.
drilling biscuits 70-82 cm
echinoid spine

SITE 1049 HOLE A CORE 20X CORED 153.5-163.1 mbsf

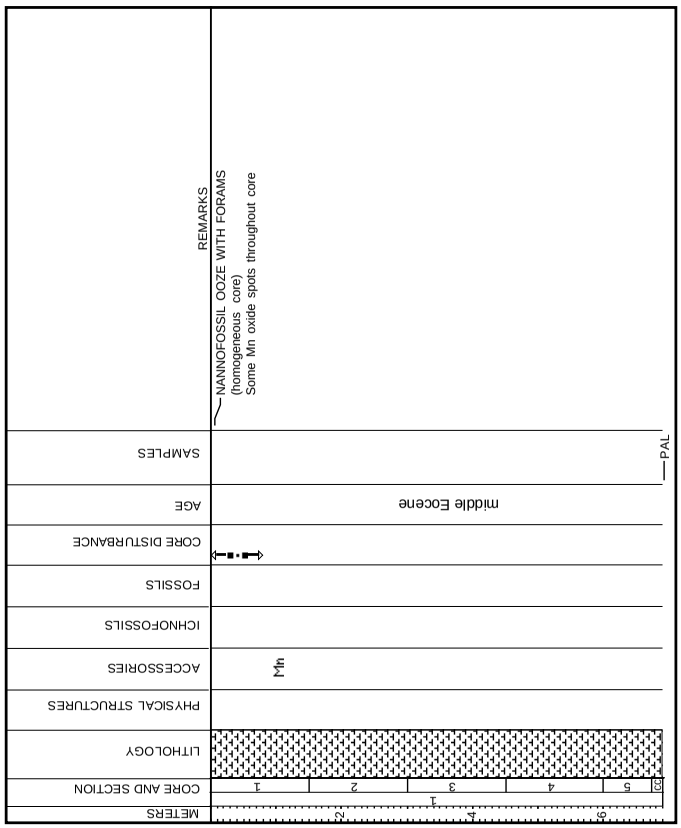
1049A-20X

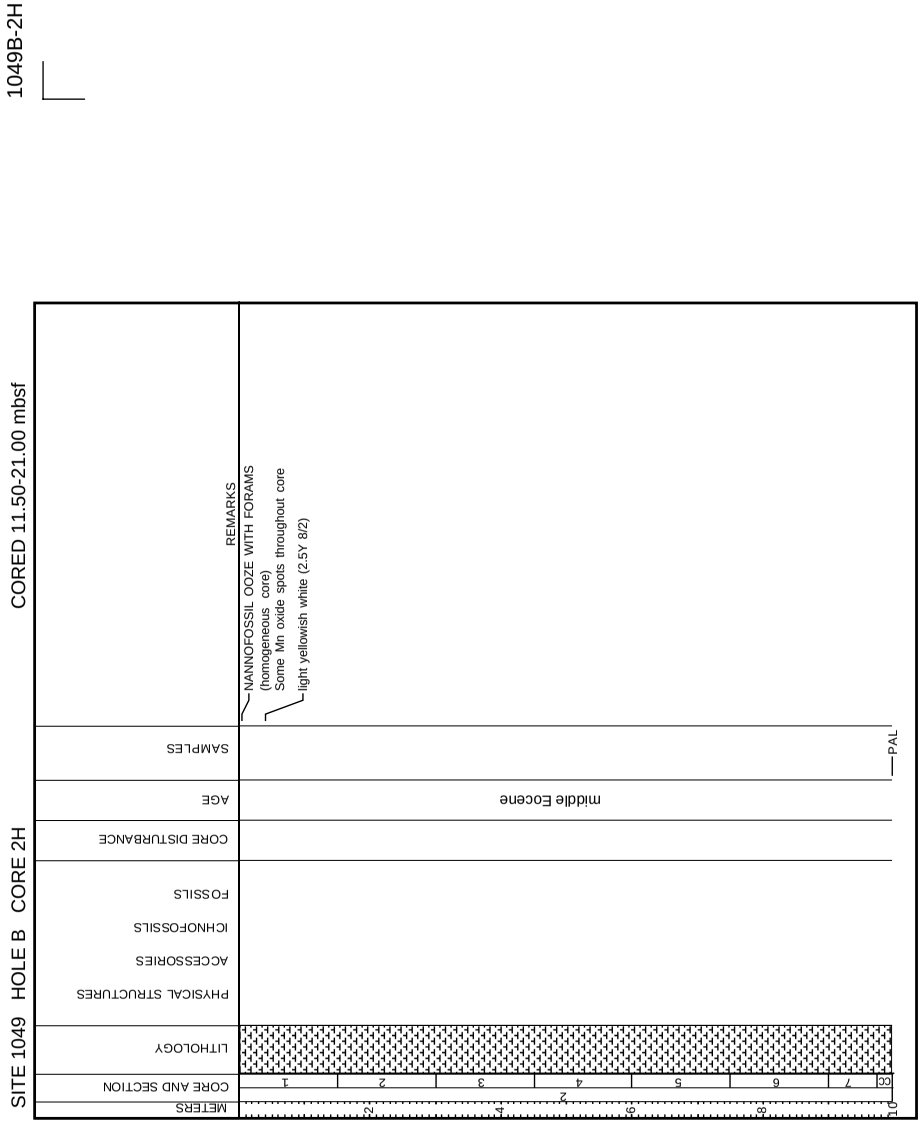


SITE 1049 HOLE A CORE 21X CORED 163.1-172.7 mbsf

SITE 1049 HOLE A CORE 22X CORED 172.7-182.3 mbsf

1049B-1H


SITE 1049 HOLE B CORE 1H
CORED 2.0-11.5 mbsf
METERS
CORE AND SECTION
LITHOLOGY
PHYSICAL STRUCTURES
ACCESSORIES
ICHNOFOSSILS
FOSSILS
CORE DISTURBANCE
AGE
SAMPLES
REMARKS
1
2
3
4
5
CC
Mn
middle Eocene
PAL
NANNOFOSSIL OOZE WITH FORAMS
(homogeneous core)
Some Mn oxide spots throughout core


1049B-2H
SITE 1049 HOLE B CORE 2H
CORED 11.50-21.00 mbsf
METERS
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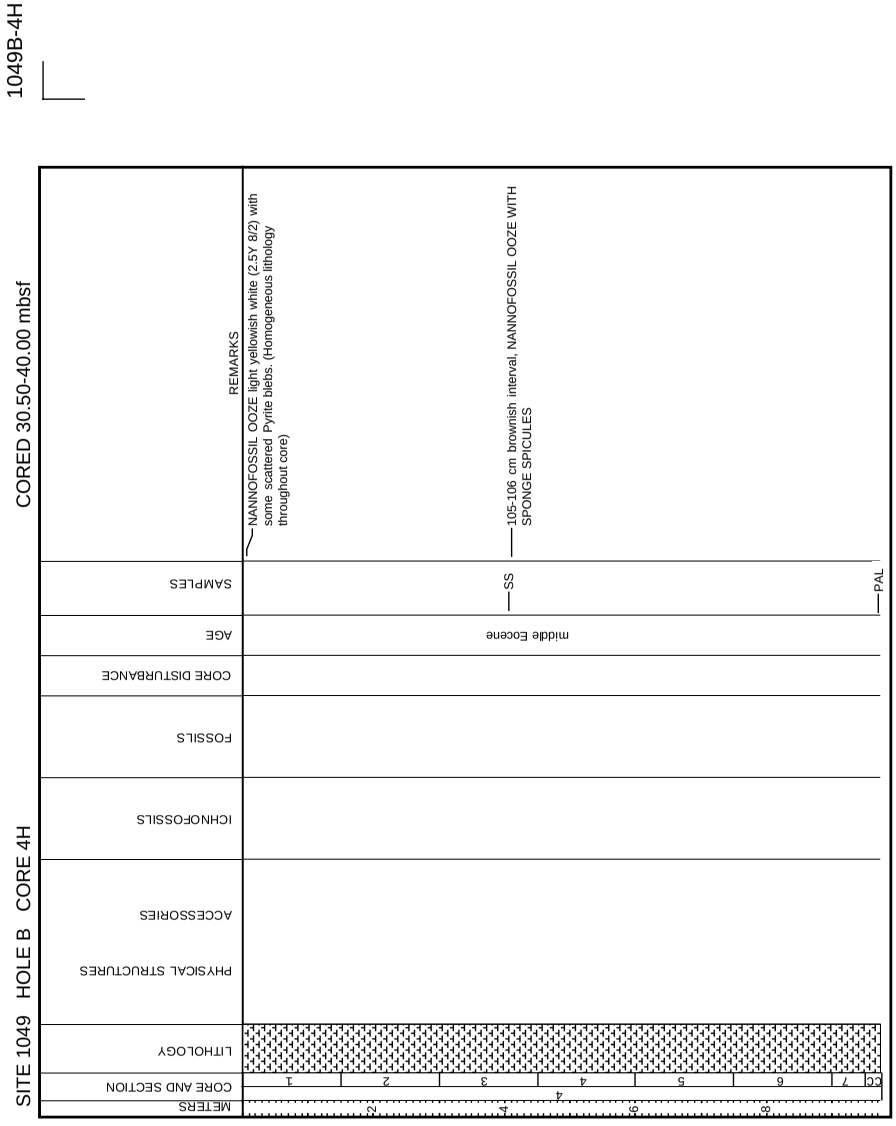
PHYSICAL STRUCTURES
ACCESSORIES
ICHNOFOSSILS
FOSSILS
CORE DISTURBANCE
AGE
SAMPLES
REMARKS
middle Eocene
PAL
NANNOFOSSIL OOZE WITH FORAMS
(homogeneous core)
Some Mn oxide spots throughout core
light yellowish white (2.5Y 8/2)
1
2
3
4
5
6
7
CC
1
2
3
4
5
6
7
8
9
10

SITE 1049 HOLE B CORE 3H

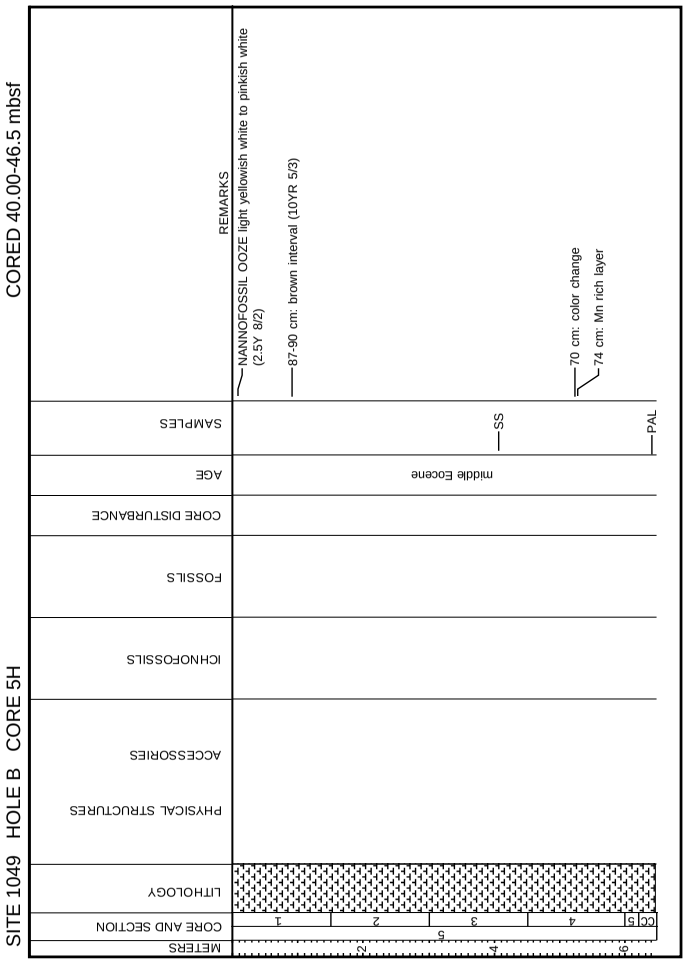
CORED 21.00-30.50 mbsf

1049B-3H

METERS	CORE AND SECTION	LITHOLOGY	PHYSICAL STRUCTURES / ACCESSORIES / ICHNOFOSSILS / FOSSILS	CORE DISTURBANCE	AGE	SAMPLES	REMARKS
0	1				middle Eocene		NANNOFOSSIL OOZE WITH FORAMS, pale yellowish white (5Y 8/2) (homogeneous core)
1	2						
2	3						
3	4						
4	5						
5	6						
6	7						
7	CC					PAL	CC, 10 cm. Light gray (10YR 7/2) ASH layer
8							

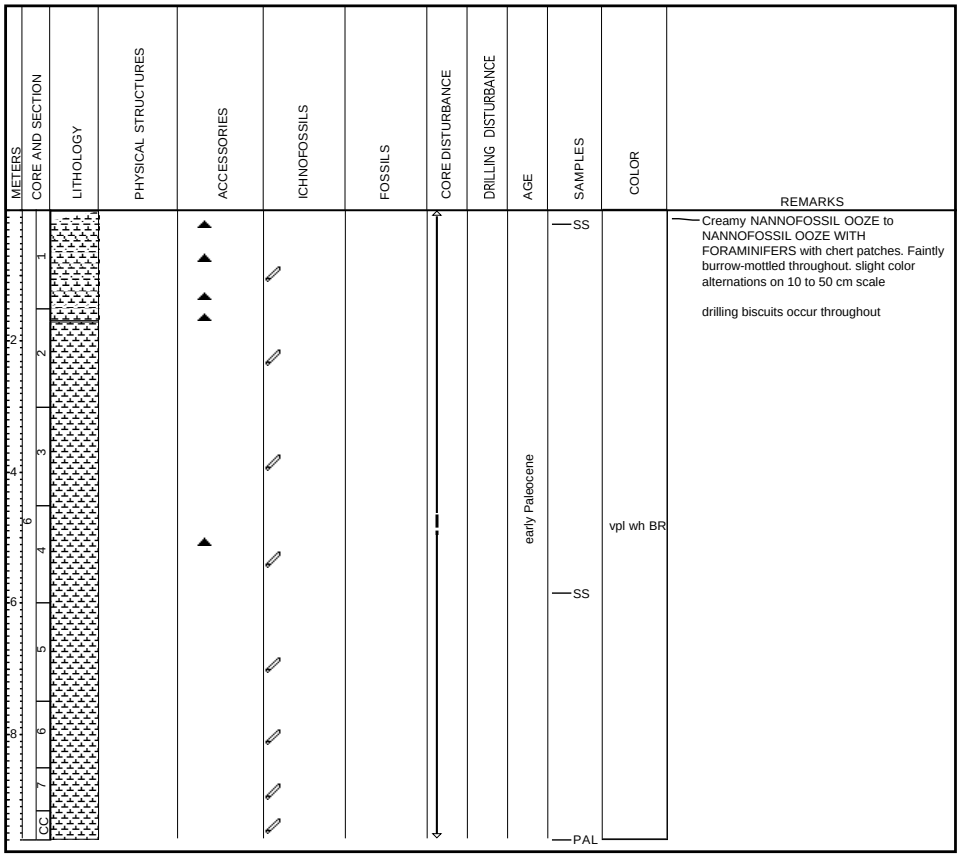

1049B-4H
SITE 1049 HOLE B CORE 4H
CORED 30.50-40.00 mbsf
METERS
CORE AND SECTION
LITHOLOGY
PHYSICAL STRUCTURES
ACCESSORIES
ICHNOFOSSILS
FOSSILS
CORE DISTURBANCE
AGE
SAMPLES
REMARKS
middle Eocene
SS
PAL
NANNOFOSSIL OOZE light yellowish white (2.5Y 8/2) with some scattered Pyrite blebs. (Homogeneous lithology throughout core)
105-106 cm brownish interval, NANNOFOSSIL OOZE WITH SPONGE SPICULES
1
2
3
4
5
6
7
CC

1049B-5H


SITE 1049 HOLE B CORE 5H
CORED 40.00-46.5 mbsf
METERS
CORE AND SECTION
LITHOLOGY
PHYSICAL STRUCTURES
ACCESSORIES
ICHNOFOSSILS
FOSSILS
CORE DISTURBANCE
AGE
SAMPLES
REMARKS
middle Eocene
SS
PAL
NANNOFOSSIL OOZE light yellowish white to pinkish white (2.5Y 8/2)
87-90 cm: brown interval (10YR 5/3)
70 cm: color change
74 cm: Mn rich layer
1
2
3
4
5
CC
1
2
3
4
5
6

SITE 1049 HOLE B CORE 6X CORED 90.70-100.30 mbsf

1049B-6X



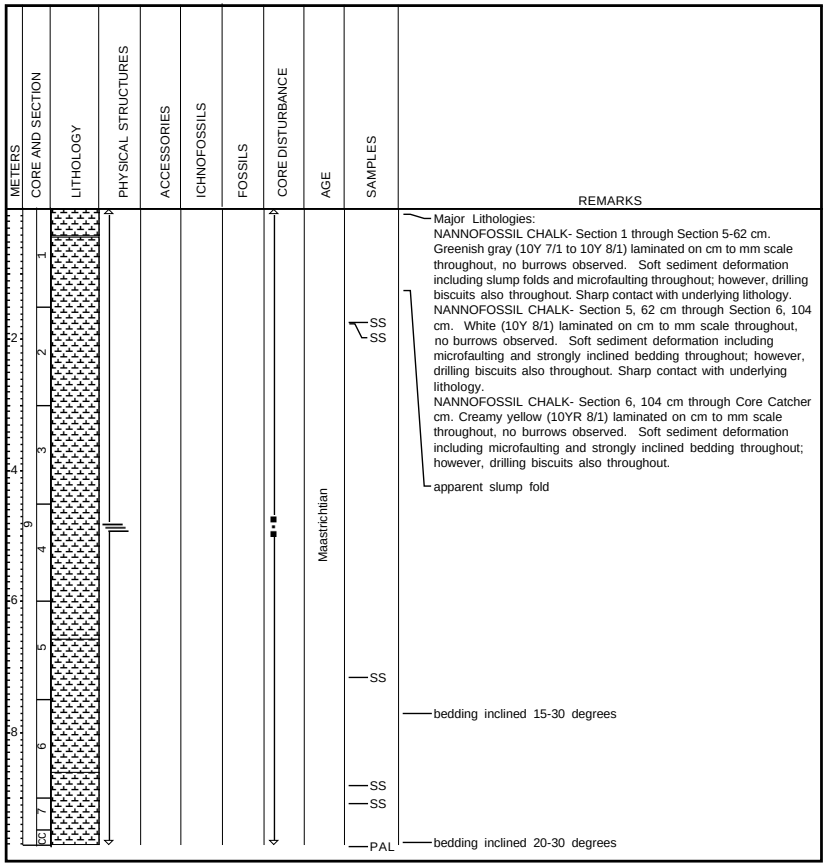
1049B-7X NO RECOVERY

SITE 1049 HOLE B CORE 8H CORED 109.0-118.5 mbsf

1049B-8H

SITE 1049 HOLE B CORE 9X CORED 118.50-128.10 mbsf

1049B-9X



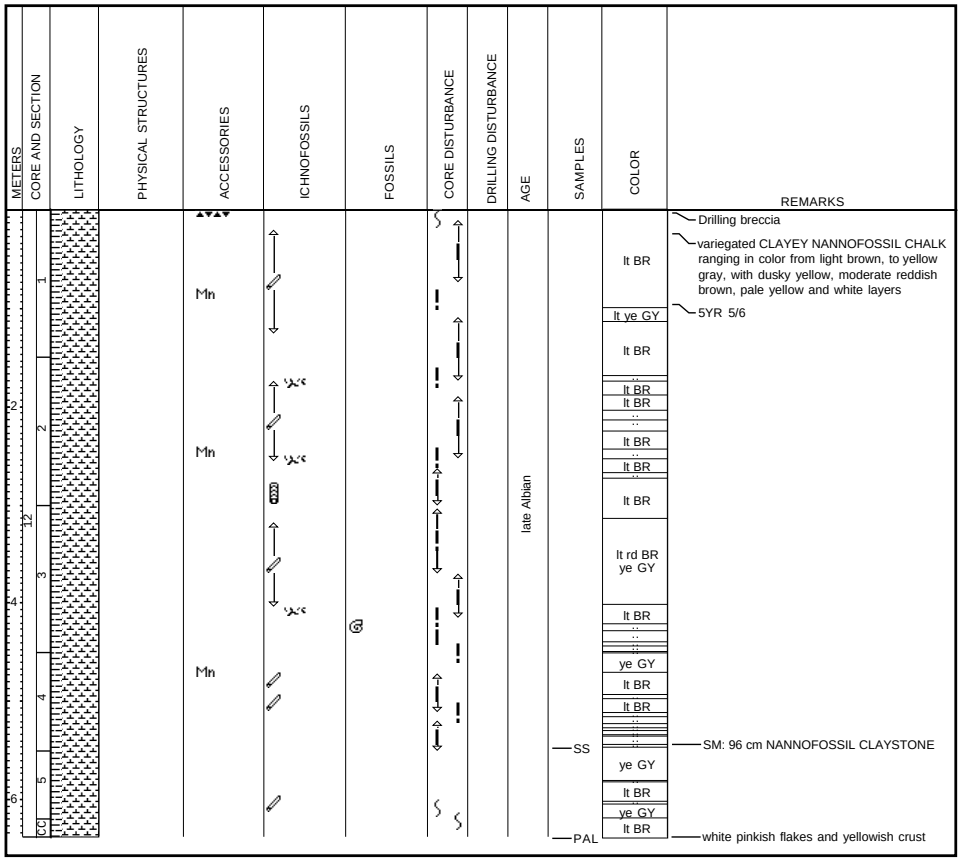
SITE 1049 HOLE B CORE 10X CORED 128.10-137.70 mbsf

1049B-10X

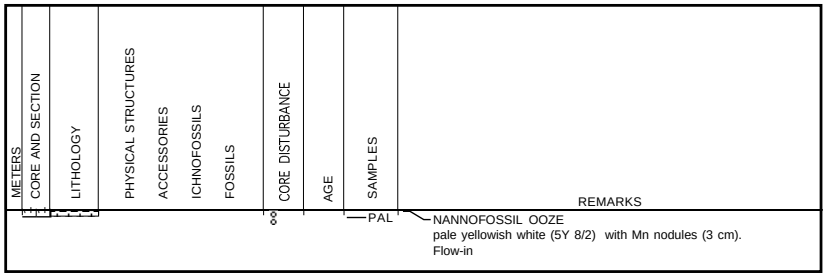
1049B-11X

SITE 1049 HOLE B CORE 11X CORED 137.70-147.30 mbsf

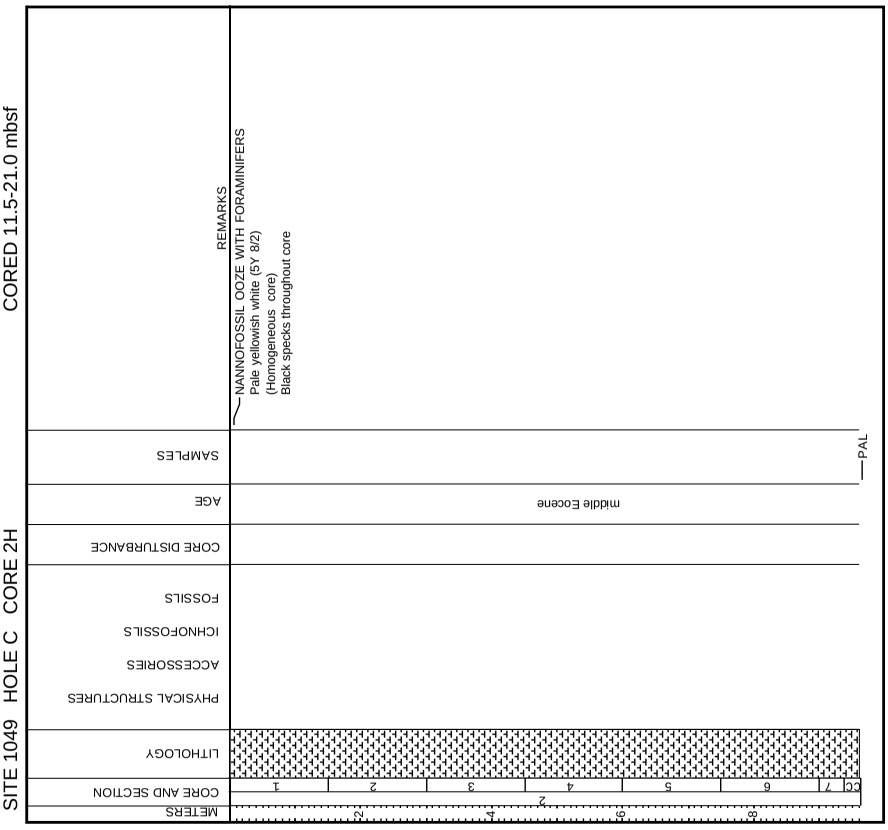
SITE 1049 HOLE B CORE 12X CORED 147.30-156.90 mbsf



SITE 1049 HOLE C CORE 1H CORED 2.0-11.5 mbsf



1049C-2H


SITE 1049 HOLE C CORE 2H
CORED 11.5-21.0 mbsf
METERS
CORE AND SECTION
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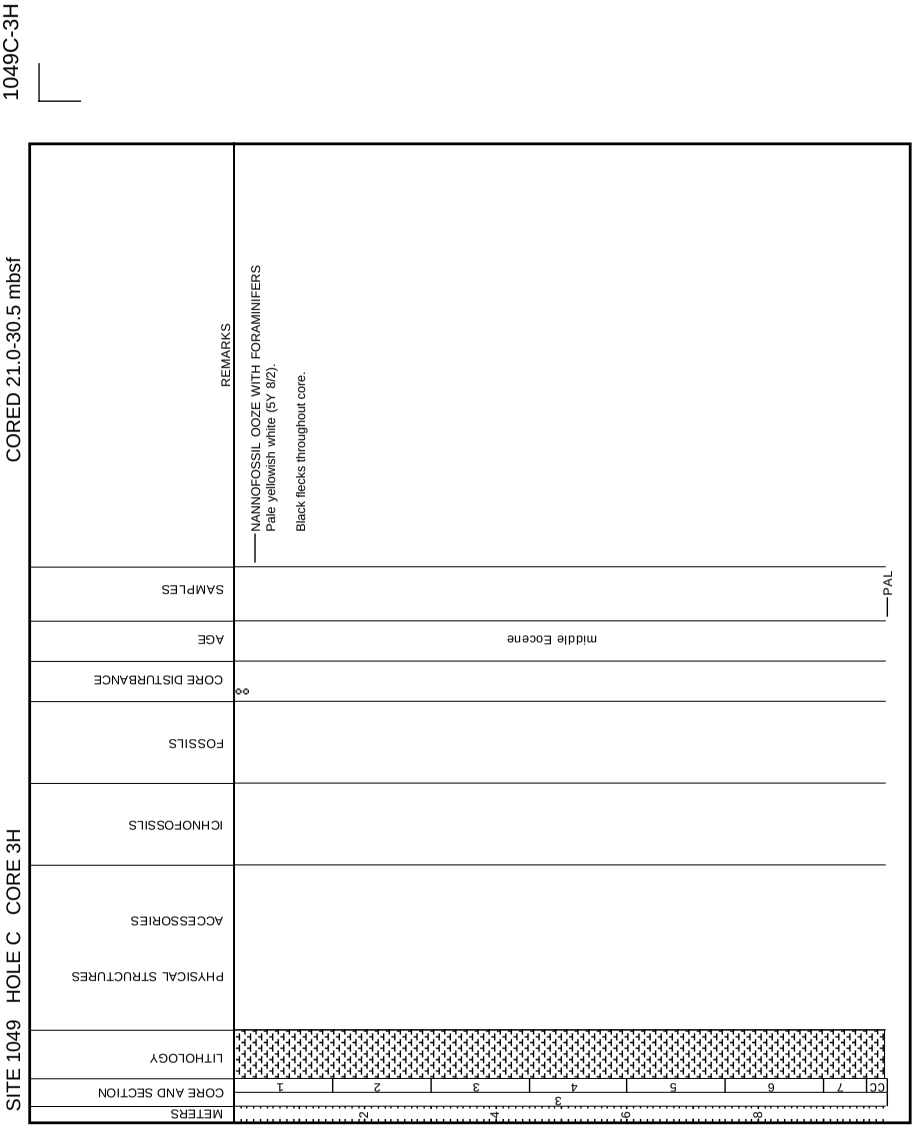
ACCESSORIES
ICHNOFOSSILS
FOSSILS
CORE DISTURBANCE
AGE
SAMPLES
REMARKS
middle Eocene
PAL
NANNOFOSSIL OOZE WITH FORAMINIFERS
Pale yellowish white (5Y 8/2)
(Homogeneous core)
Black specks throughout core
1
2
3
4
5
6
7
CC


1049C-3H
SITE 1049 HOLE C CORE 3H
CORED 21.0-30.5 mbsf
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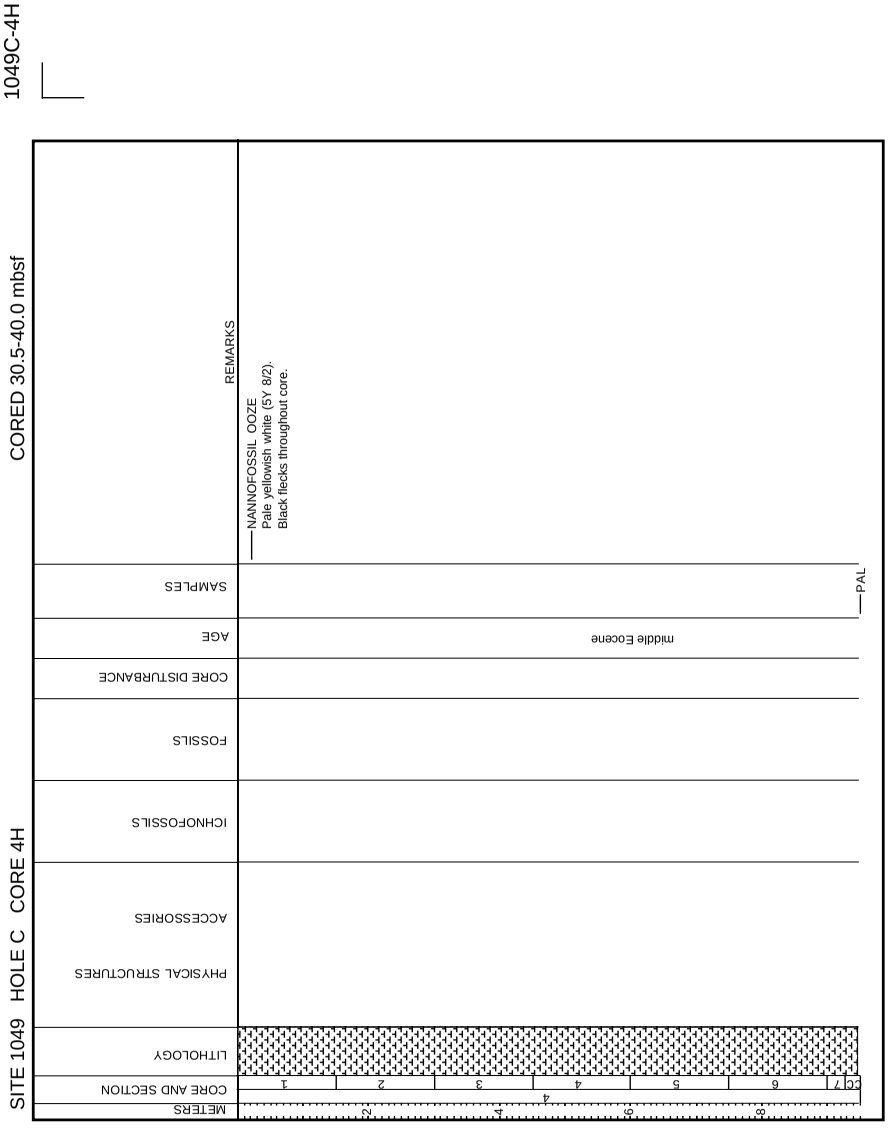
FOSSILS
CORE DISTURBANCE
AGE
SAMPLES
REMARKS
NANNOFOSSIL OOZE WITH FORAMINIFERS
Pale yellowish white (5Y 8/2).
Black flecks throughout core.
middle Eocene
PAL
1
2
3
4
5
6
7
CC


1049C-4H
SITE 1049 HOLE C CORE 4H
CORED 30.5-40.0 mbsf
METERS
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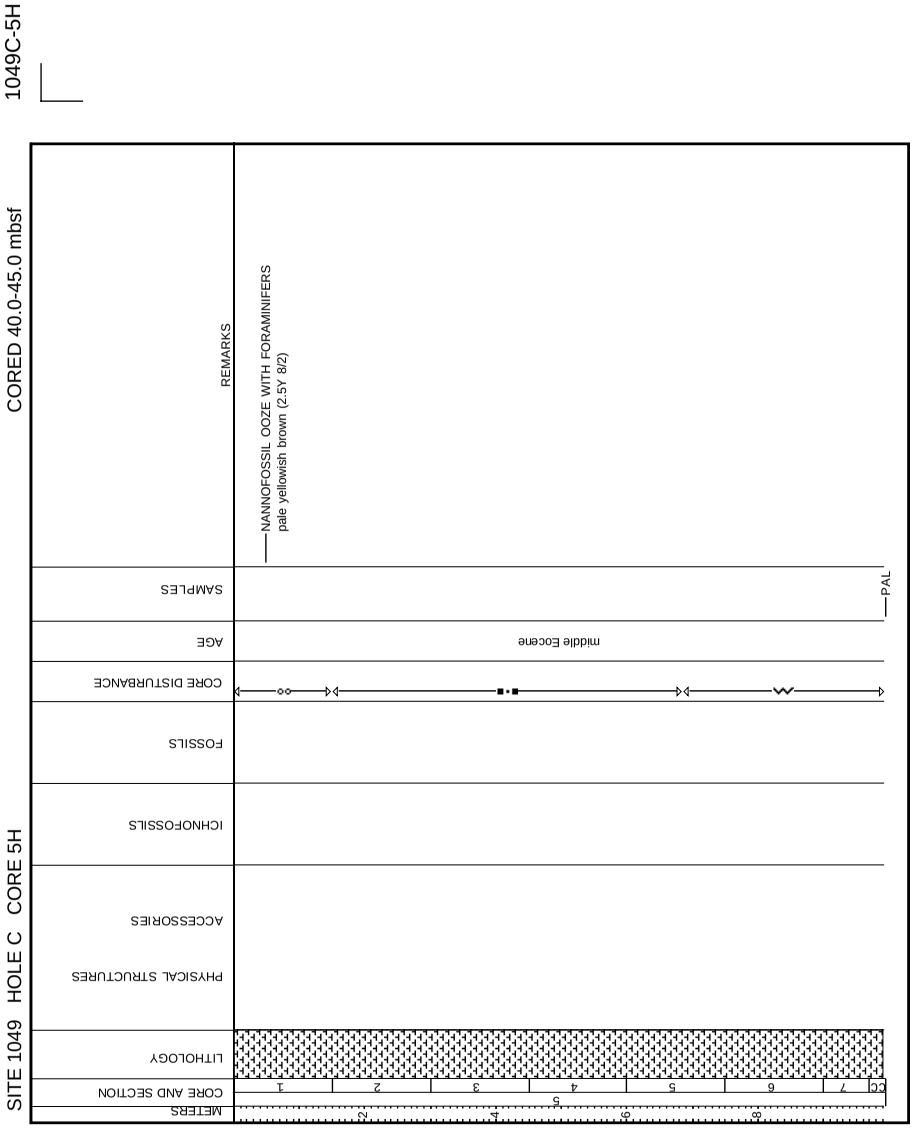
LITHOLOGY
PHYSICAL STRUCTURES
ACCESSORIES
ICHNOFOSSILS
FOSSILS
CORE DISTURBANCE
AGE
SAMPLES
REMARKS
NANNOFOSSIL OOZE
Pale yellowish white (5Y 8/2).
Black flecks throughout core.
middle Eocene
PAL
1
2
3
4
5
6
7
CC
2
4
6
8


1049C-5H
CORED 40.0-45.0 mbsf
SITE 1049 HOLE C CORE 5H
METERS
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FOSSILS
CORE DISTURBANCE
AGE
SAMPLES
REMARKS
NANNOFOSSIL OOZE WITH FORAMINIFERS
pale yellowish brown (2.5Y 8/2)
middle Eocene
PAL
1
2
3
4
5
6
7
CC
1
2
3
4
5
6
7
8
9

SITE 1049 HOLE C CORE 6X — CORED 90.0-96.5 mbsf

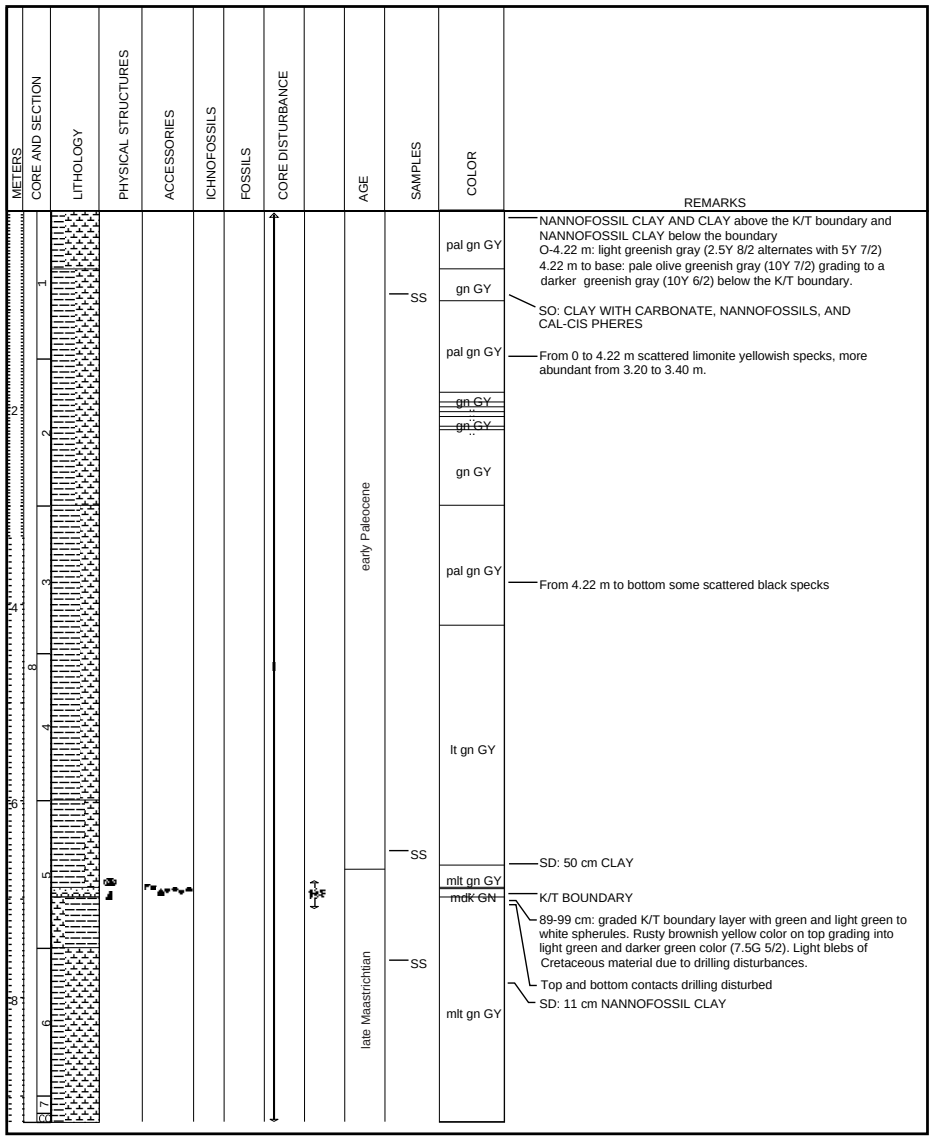
1049C-6X

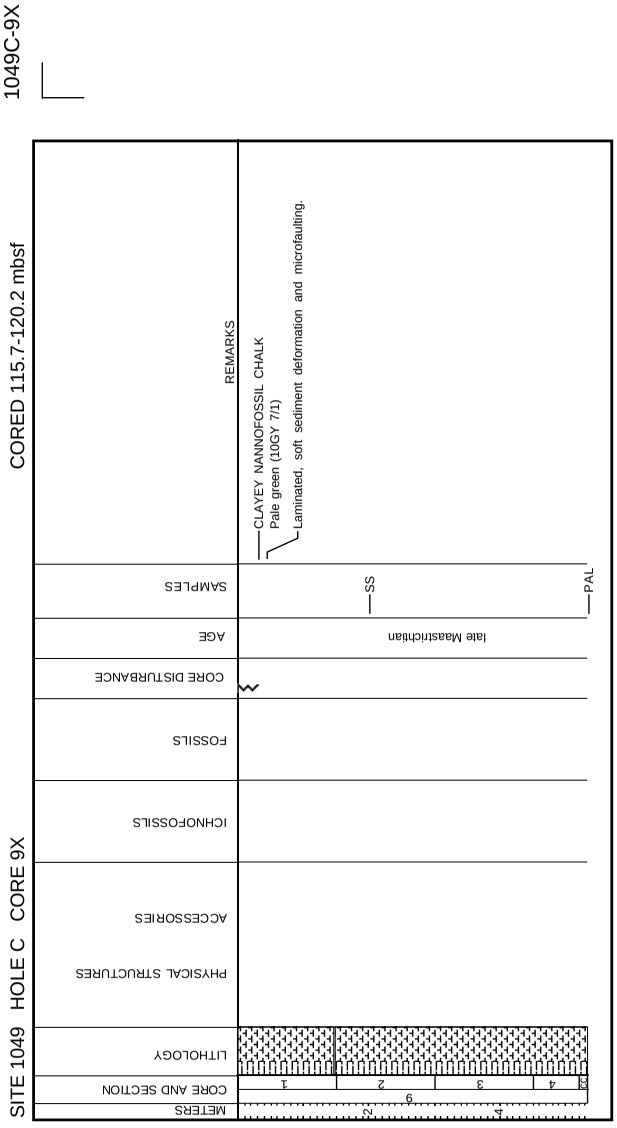
SITE 1049 HOLE C CORE 7X — CORED 96.5-106.1 mbsf

1049C-7X

SITE 1049 HOLE C CORE 8X CORED 106.1-115.7 mbsf

1049C-8X




1049C-9X
SITE 1049 HOLE C CORE 9X
CORED 115.7-120.2 mbsf
METERS
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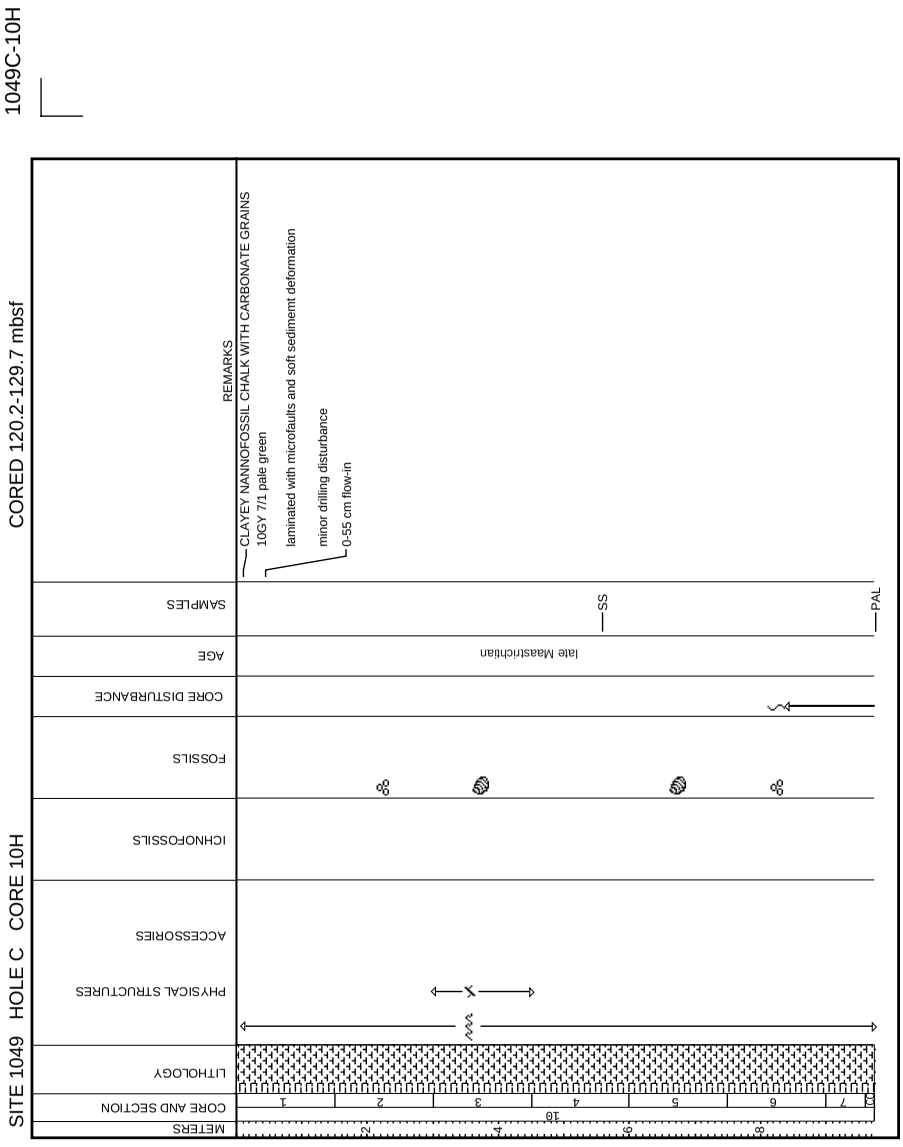
ICHNOFOSSILS
FOSSILS
CORE DISTURBANCE
AGE
SAMPLES
REMARKS
1
2
3
4
CC
late Maastrichtian
SS
PAL
CLAYEY NANNOFOSSIL CHALK
Pale green (10GY 7/1)
Laminated, soft sediment deformation and microfaulting.


1049C-10H
SITE 1049 HOLE C CORE 10H
CORED 120.2-129.7 mbsf
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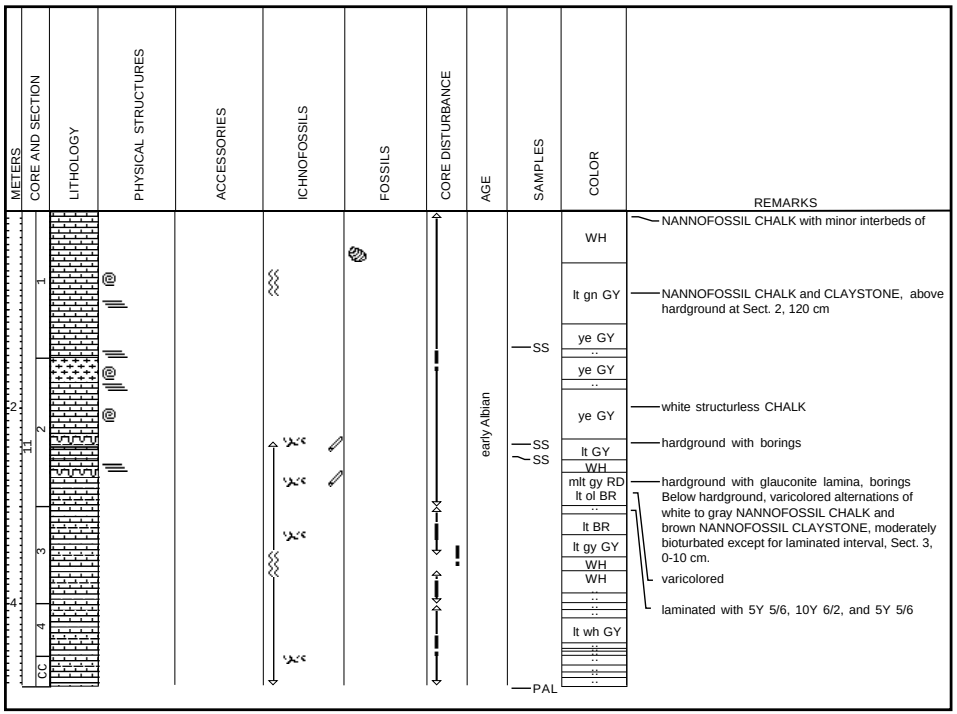
CLAYEY NANNOFOSSIL CHALK WITH CARBONATE GRAINS
10GY 7/1 pale green
laminated with microfaults and soft sedimemt deformation
minor drilling disturbance
0-55 cm flow-in
late Maastrichtian
SS
PAL

SITE 1049 HOLE C CORE 11X

CORED 129.7-139.3 mbsf

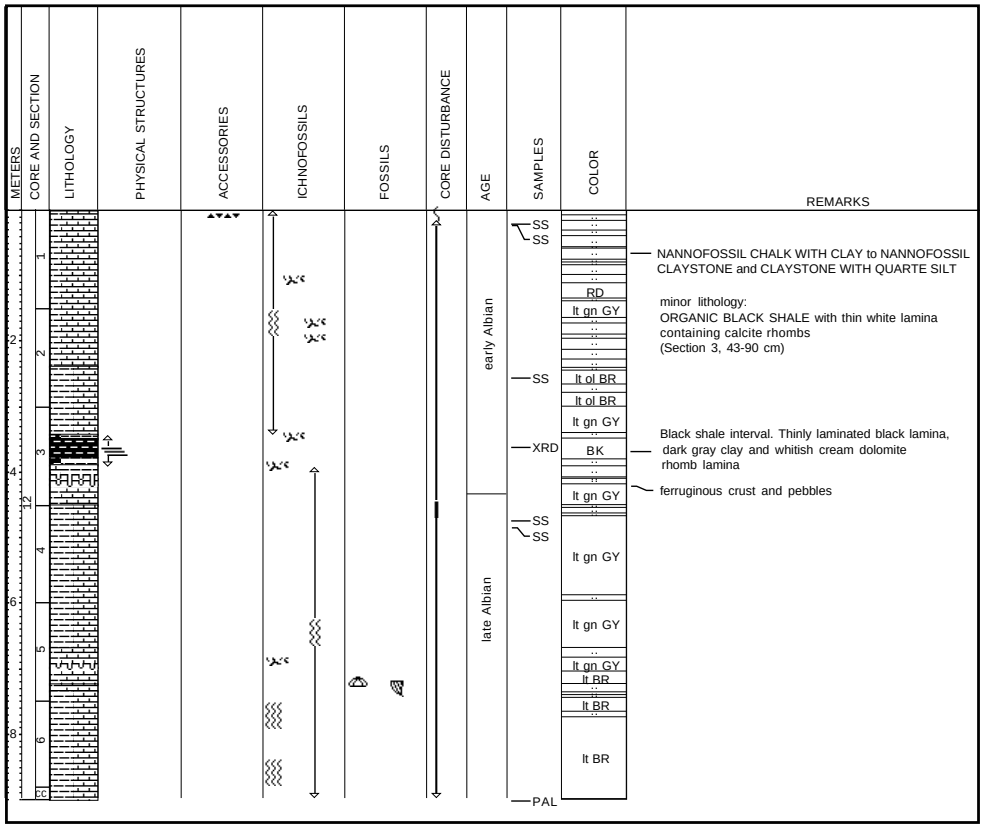
1049C-11X



SITE 1049 HOLE C CORE 12X

CORED 139.3-148.9 mbsf

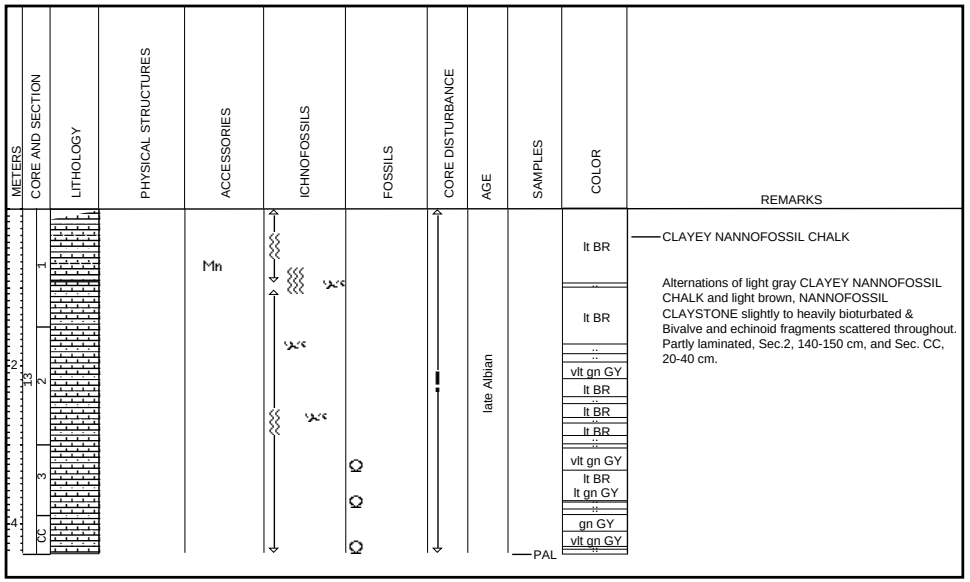
1049C-12X



SITE 1049 HOLE C CORE 13X

CORED 148.9-158.5 mbsf

1049C-13X



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