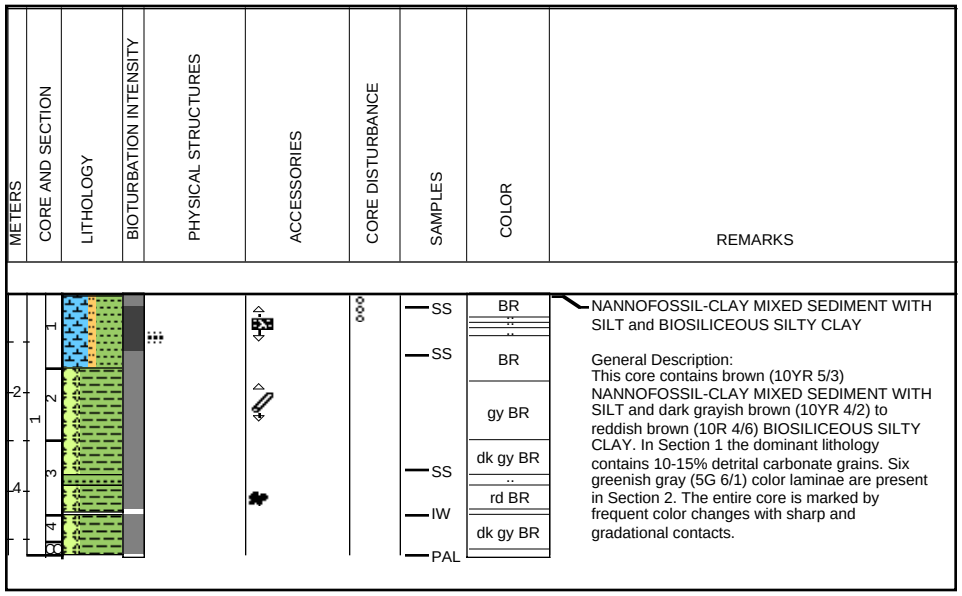
Site 1063 Hole A Core 1H

Cored 0.0-5.3 mbsf

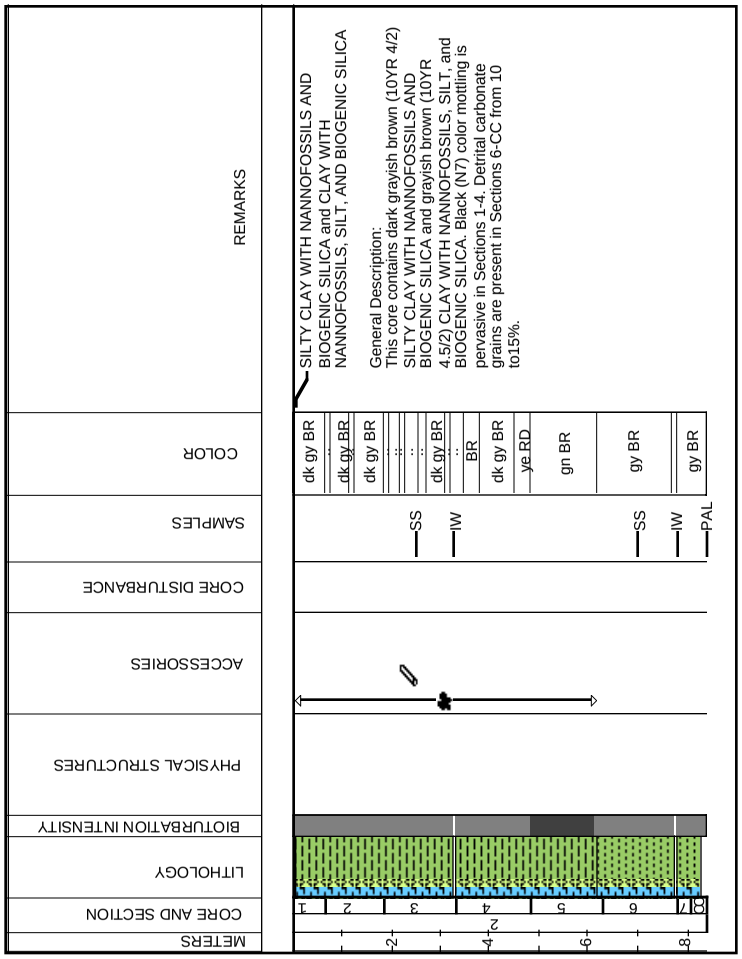


NANNOFOSSIL-CLAY MIXED SEDIMENT WITH SILT and BIOSILICEOUS SILTY CLAY

General Description:
This core contains brown (10YR 5/3) NANNOFOSSIL-CLAY MIXED SEDIMENT WITH SILT and dark grayish brown (10YR 4/2) to reddish brown (10R 4/6) BIOSILICEOUS SILTY CLAY. In Section 1 the dominant lithology contains 10-15% detrital carbonate grains. Six greenish gray (5G 6/1) color laminae are present in Section 2. The entire core is marked by frequent color changes with sharp and gradational contacts.

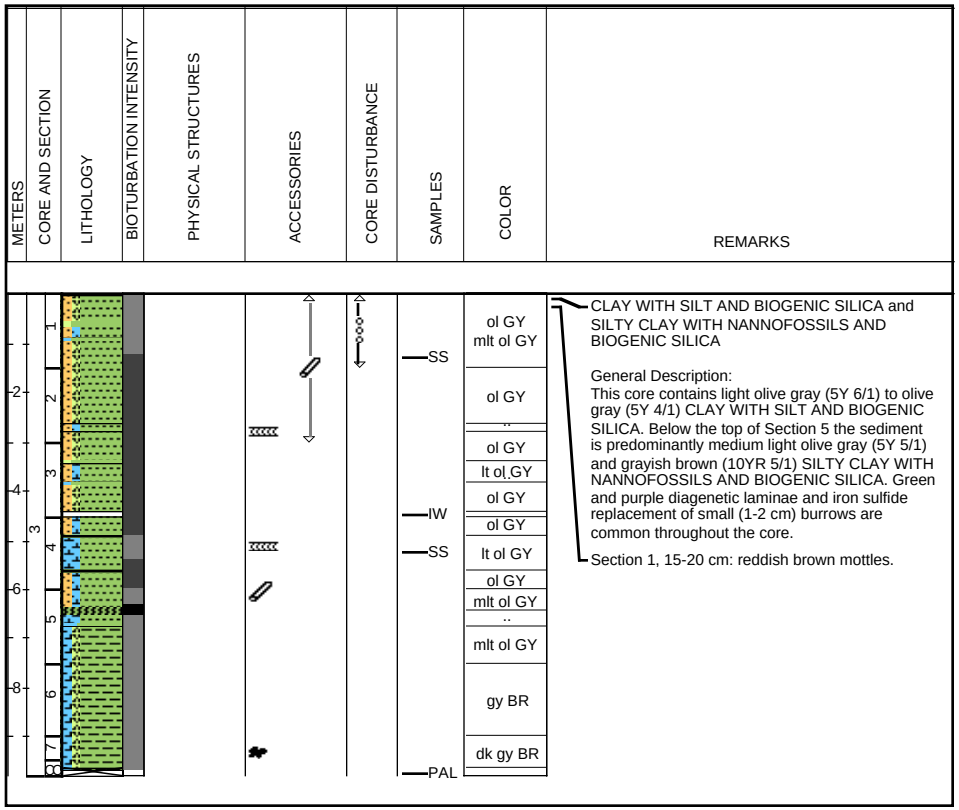
Prior Chapter Contents Next Chapter

1063A-2H


Site 1063 Hole A Core 2H
Cored 5.3-14.8 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
SILTY CLAY WITH NANNOFOSSILS AND BIOGENIC SILICA and CLAY WITH NANNOFOSSILS, SILT, AND BIOGENIC SILICA
General Description:
This core contains dark grayish brown (10YR 4/2) SILTY CLAY WITH NANNOFOSSILS AND BIOGENIC SILICA and grayish brown (10YR 4.5/2) CLAY WITH NANNOFOSSILS, SILT, and BIOGENIC SILICA. Black (N7) color mottling is pervasive in Sections 1-4. Detrital carbonate grains are present in Sections 6-CC from 10 to15%.
dk gy BR
dk gy BR
dk gy BR
dk gy BR
BR
dk gy BR
ye RD
gn BR
gy BR
gy BR
SS
IW
SS
IW
PAL

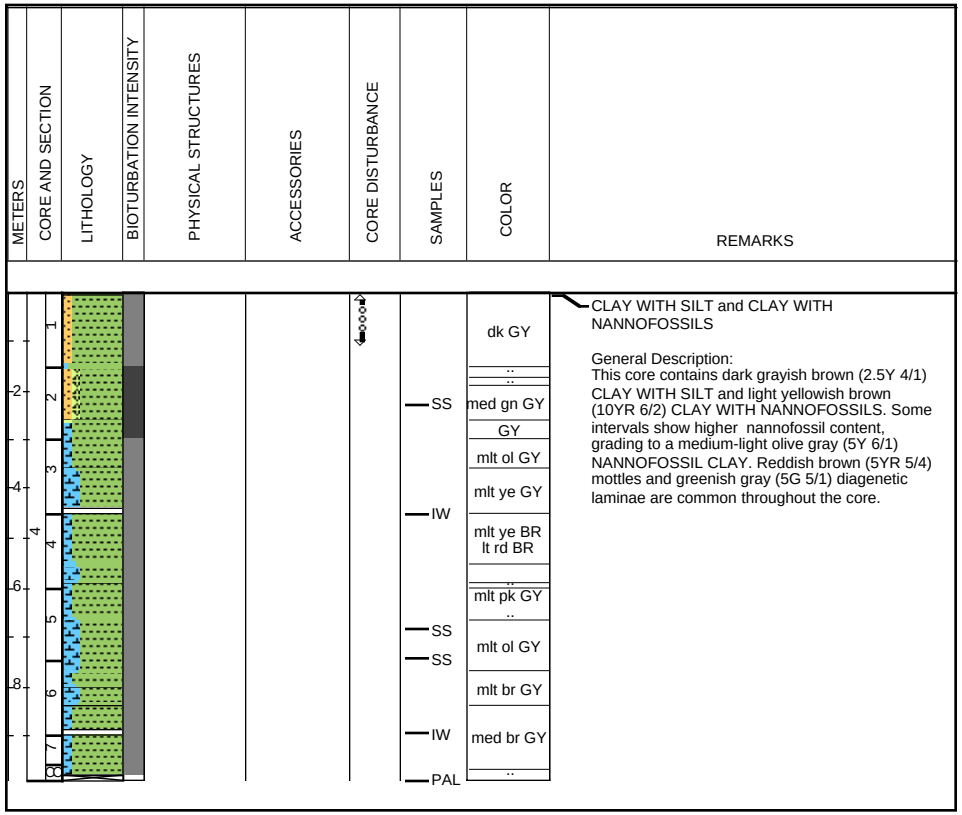
Site 1063 Hole A Core 3H

Cored 14.8-24.3 mbsf

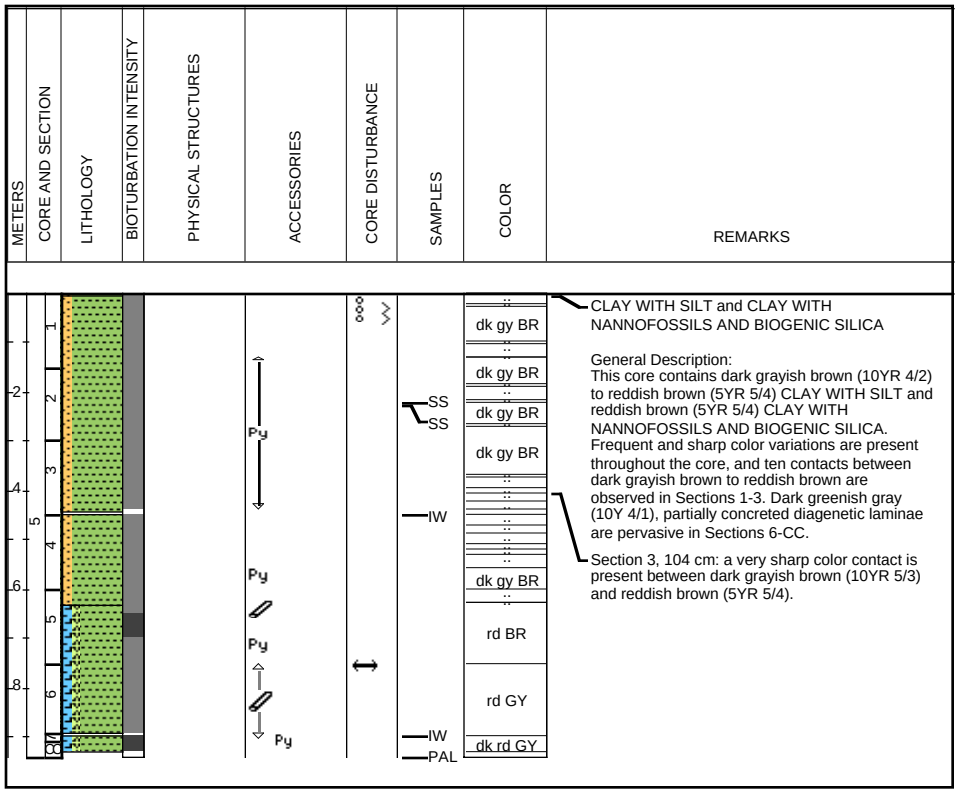


Site 1063 Hole A Core 4H — Cored 24.3-33.8 mbsf

1063A-4H

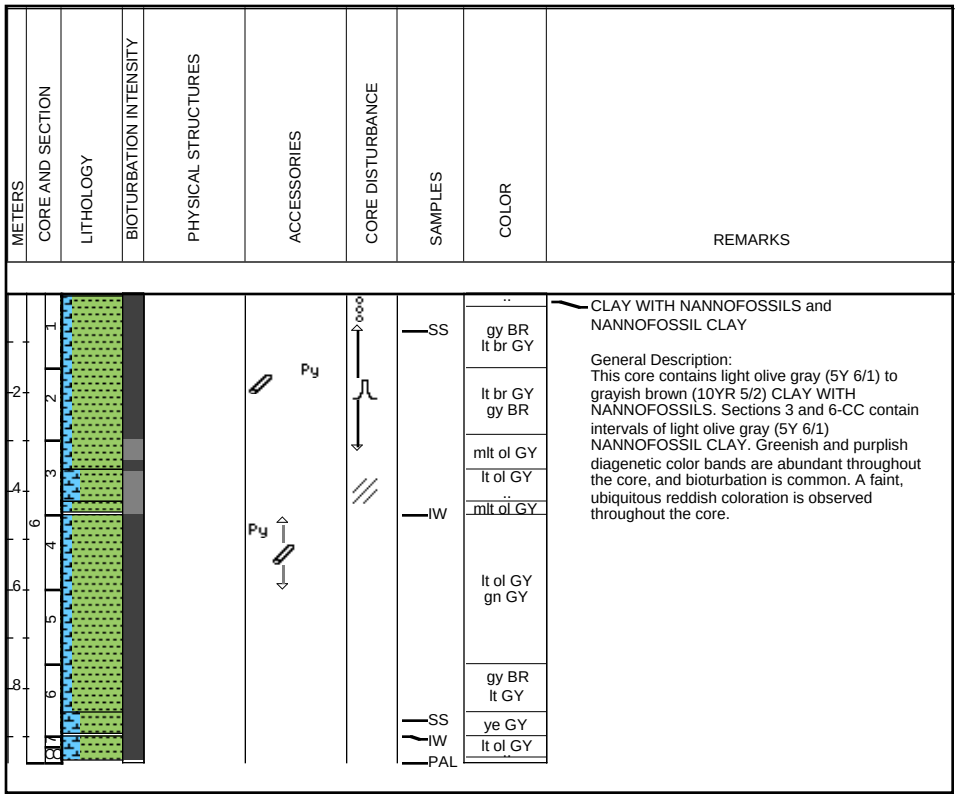


Site 1063 Hole A Core 5H **Cored 33.8-43.3 mbsf**

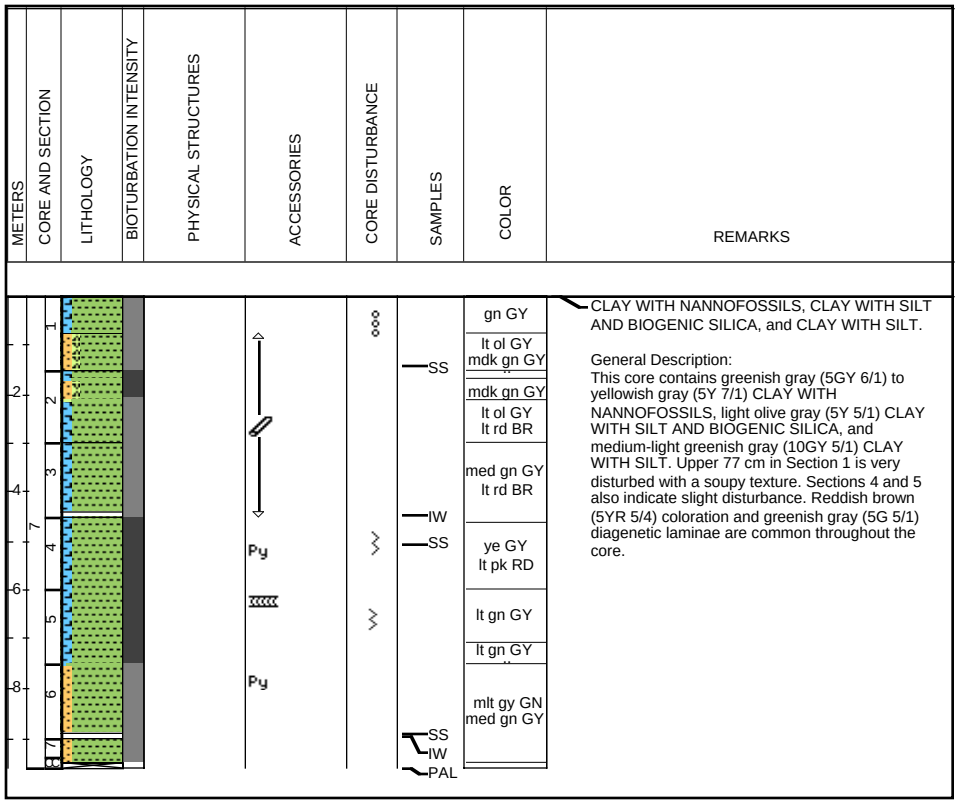


Site 1063 Hole A Core 6H

Cored 43.3-52.8 mbsf

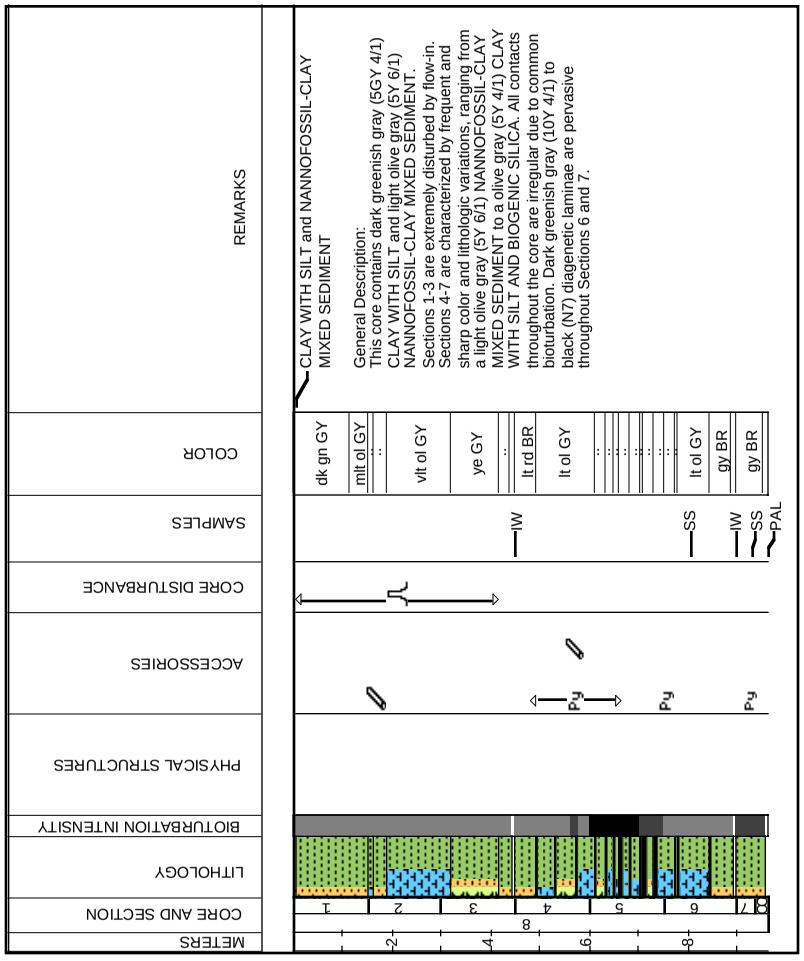


Site 1063 Hole A Core 7H — Cored 52.8-62.3 mbsf

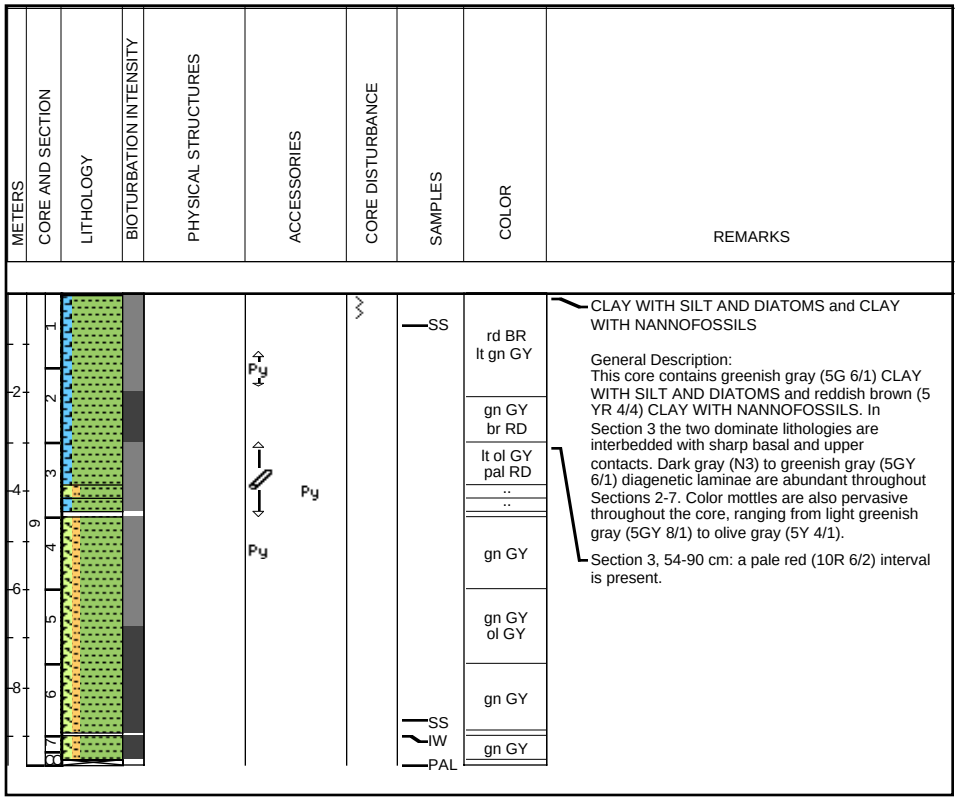


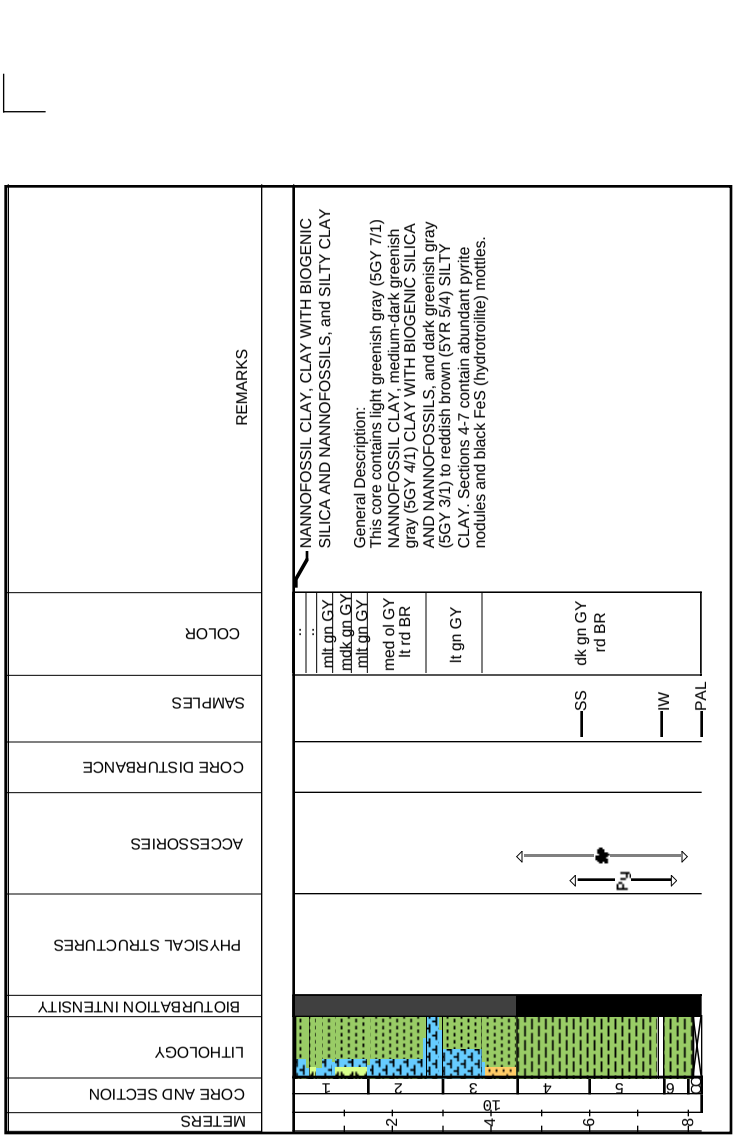
1063A-8H

Site 1063 Hole A Core 8H **Cored 62.3-71.8 mbsf**

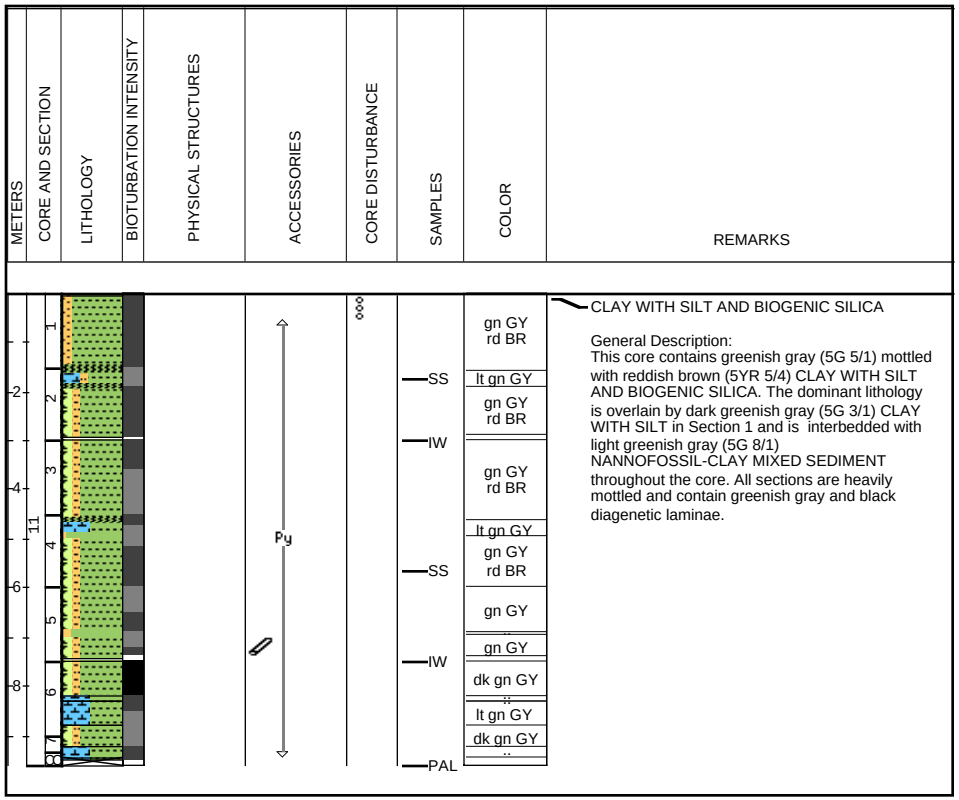


Site 1063 Hole A Core 9H **Cored 71.8-81.3 mbsf**

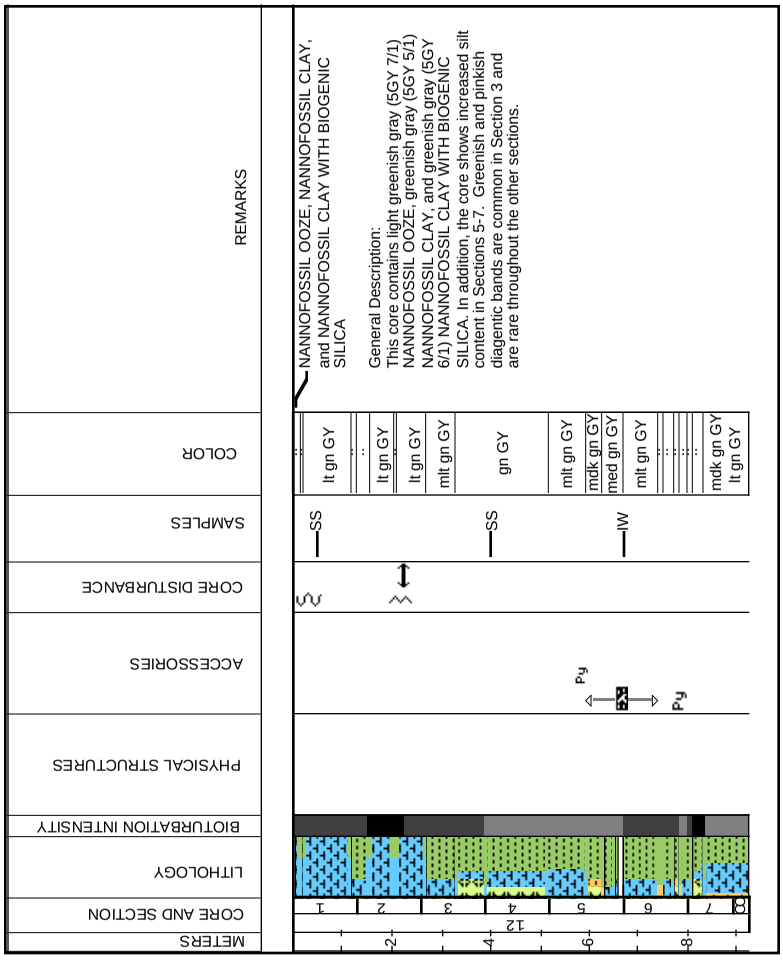



Site 1063 Hole A Core 10H
Cored 81.3-90.8 mbsf
1063A-10H
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
NANNOFOSSIL CLAY, CLAY WITH BIOGENIC SILICA AND NANNOFOSSILS, and SILTY CLAY
General Description:
This core contains light greenish gray (5GY 7/1) NANNOFOSSIL CLAY, medium-dark greenish gray (5GY 4/1) CLAY WITH BIOGENIC SILICA AND NANNOFOSSILS, and dark greenish gray (5GY 3/1) to reddish brown (5YR 5/4) SILTY CLAY. Sections 4-7 contain abundant pyrite nodules and black FeS (hydrotrolite) mottles.
mlt gn GY
mdk gn GY
mlt gn GY
med ol GY
lt rd BR
lt gn GY
dk gn GY
rd BR
SS
W
PAL
Py
1
2
3
4
5
6
CC
2
4
6
8
10

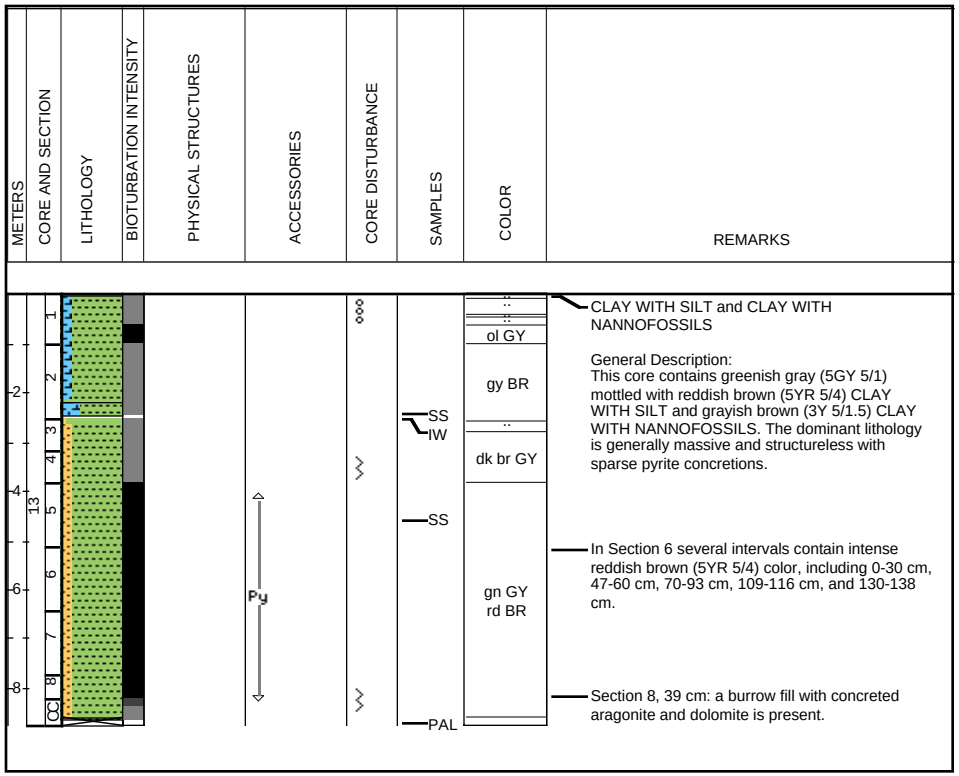
Site 1063 Hole A Core 11H — Cored 90.8-100.3 mbsf



1063A-12H


Site 1063 Hole A Core 12H
Cored 100.3-109.8 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
NANNOFOSSIL OOZE, NANNOFOSSIL CLAY, and NANNOFOSSIL CLAY WITH BIOGENIC SILICA
General Description:
This core contains light greenish gray (5GY 7/1) NANNOFOSSIL OOZE, greenish gray (5GY 5/1) NANNOFOSSIL CLAY, and greenish gray (5GY 6/1) NANNOFOSSIL CLAY WITH BIOGENIC SILICA. In addition, the core shows increased silt content in Sections 5-7. Greenish and pinkish diagentic bands are common in Section 3 and are rare throughout the other sections.
lt gn GY
lt gn GY
lt gn GY
mlt gn GY
gn GY
mlt gn GY
mdk gn GY
med gn GY
mlt gn GY
mdk gn GY
lt gn GY
SS
SS
MI
Py
Py
1
2
3
4
5
6
7
CC
12
2
4
6
8

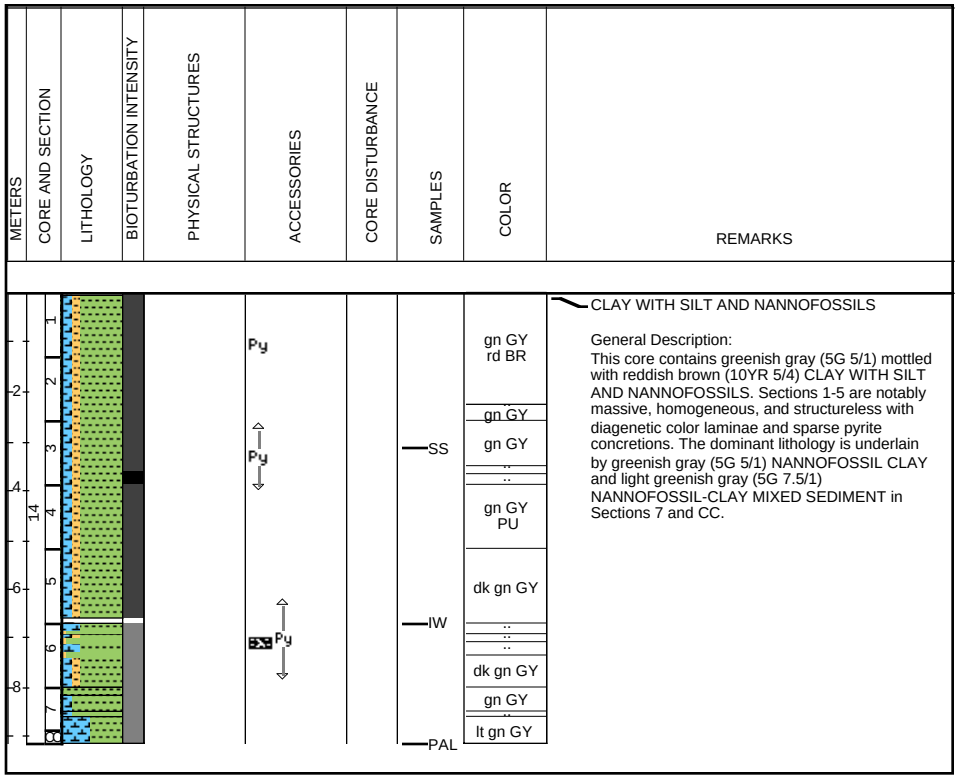
Site 1063 Hole A Core 13H — Cored 109.8-119.3 mbsf



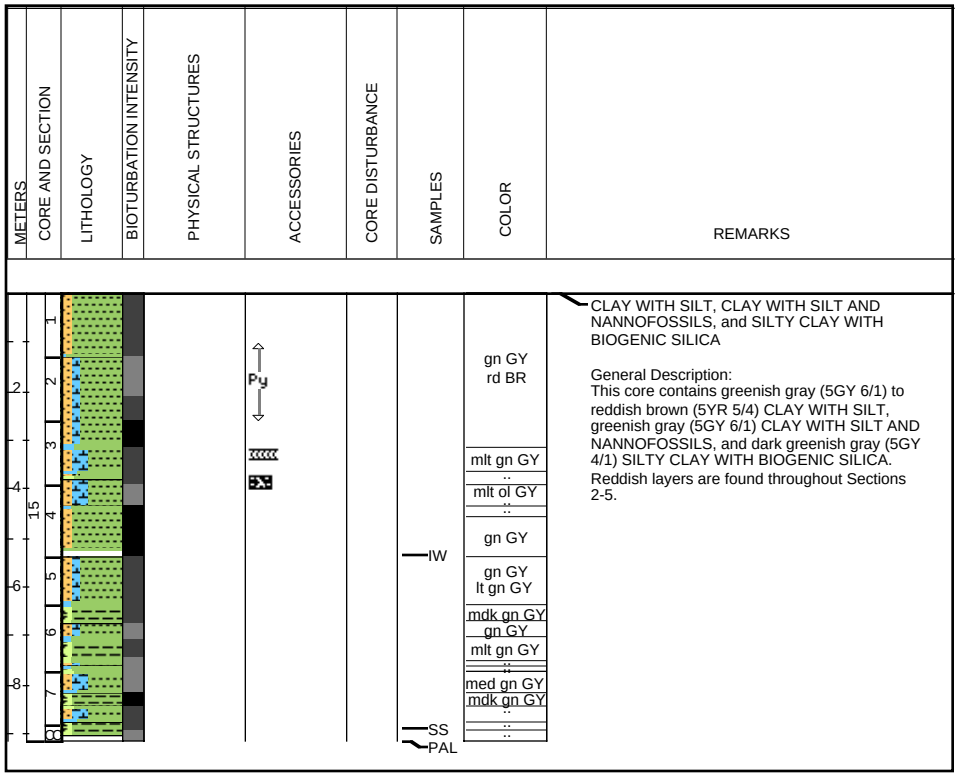
Site 1063 Hole A Core 14H

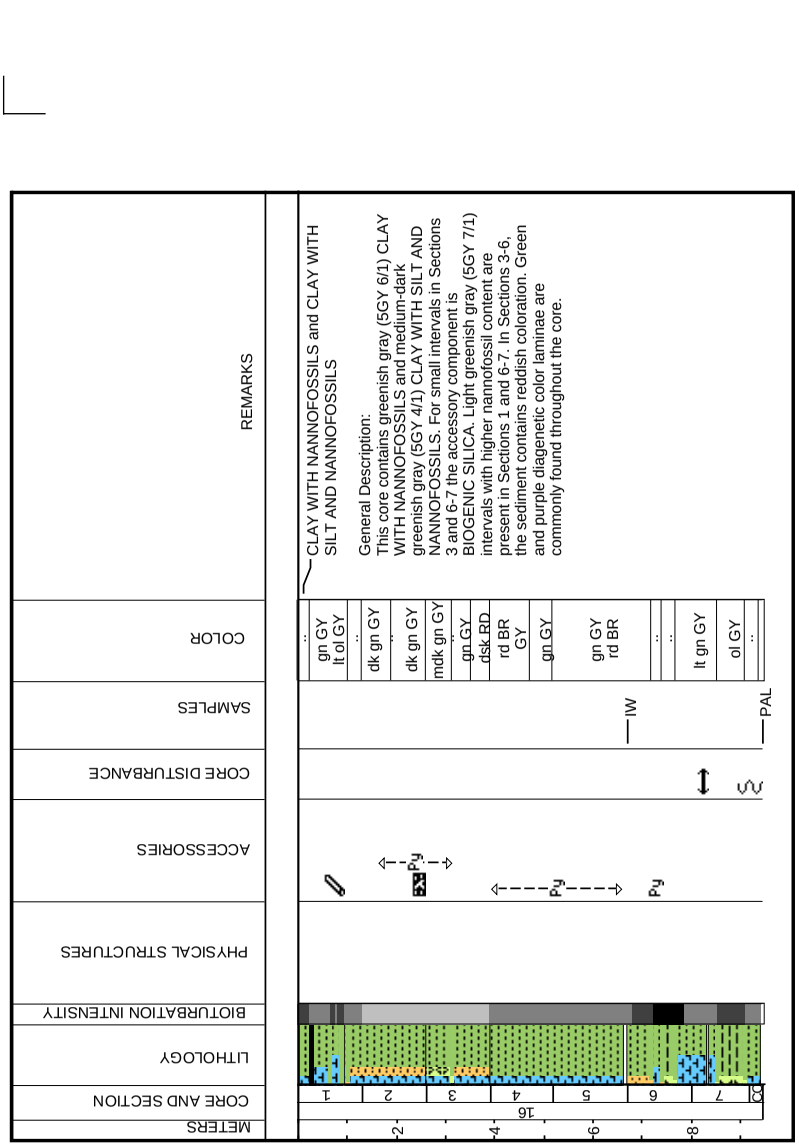
Cored 119.3-128.8 mbsf

1063A-14H

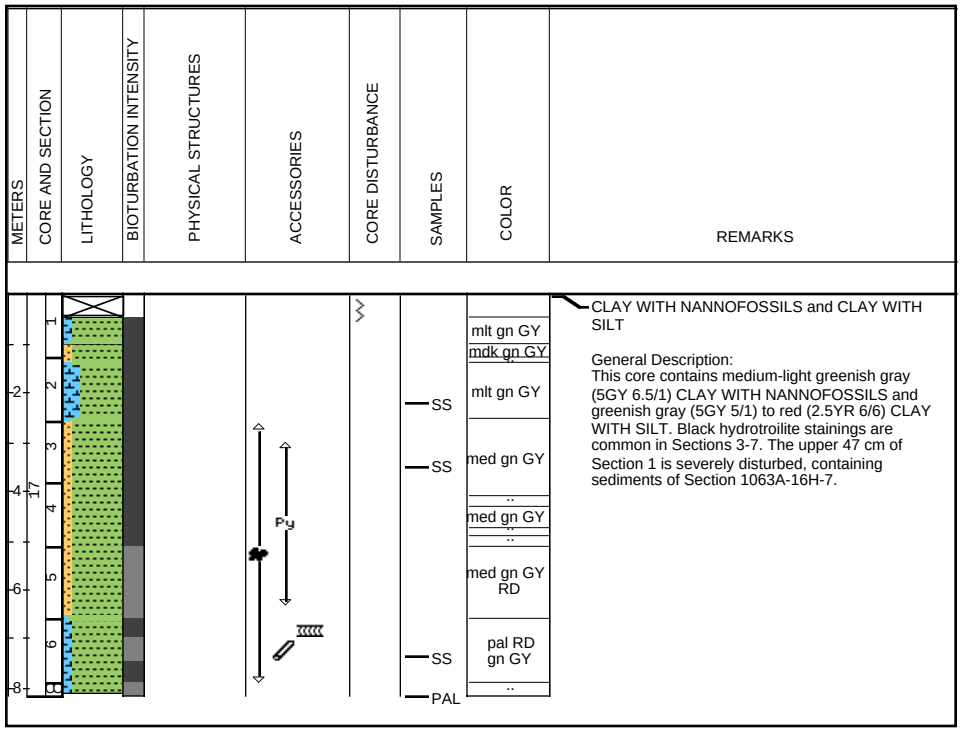


Site 1063 Hole A Core 15H **Cored 128.8-138.3 mbsf**




1063A-16H
Site 1063 Hole A Core 16H
Cored 138.3-147.8 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH NANNOFOSSILS and CLAY WITH SILT AND NANNOFOSSILS
General Description:
This core contains greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS and medium-dark greenish gray (5GY 4/1) CLAY WITH SILT AND NANNOFOSSILS. For small intervals in Sections 3 and 6-7 the accessory component is BIOGENIC SILICA. Light greenish gray (5GY 7/1) intervals with higher nannofossil content are present in Sections 1 and 6-7. In Sections 3-6, the sediment contains reddish coloration. Green and purple diagenetic color laminae are commonly found throughout the core.
gn GY
lt ol GY
dk gn GY
dk gn GY
mdk gn GY
gn GY
dsk RD
rd BR
GY
gn GY
gn GY
rd BR
lt gn GY
ol GY
IW
PAL
Py
1
2
3
4
5
6
7
CC
16
-2
-4
-6
-8

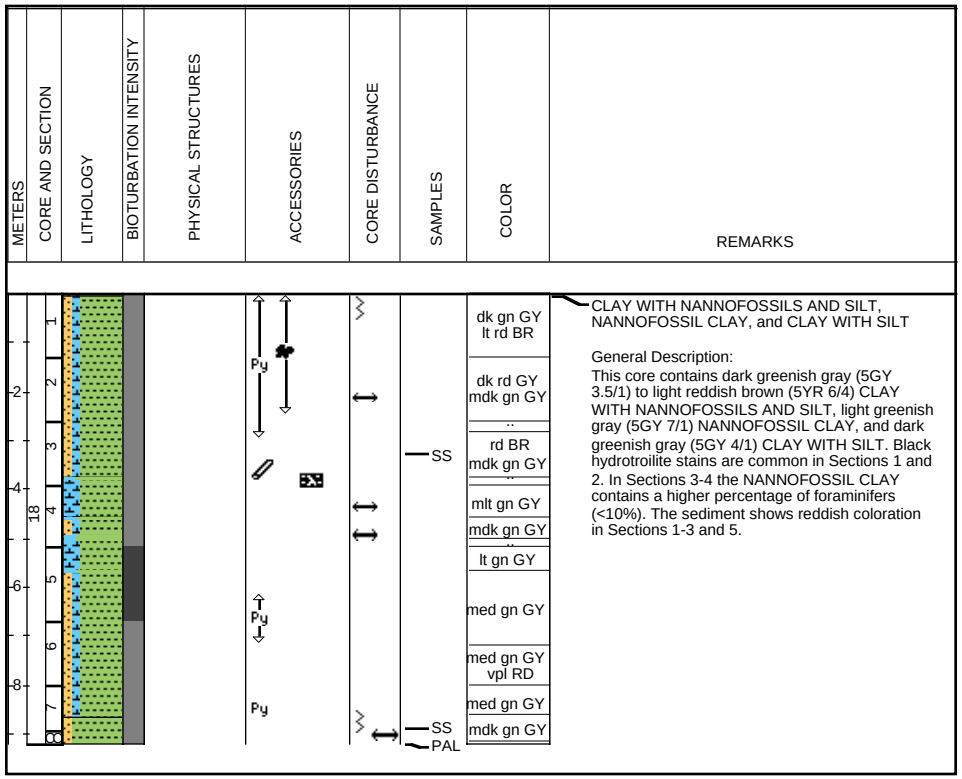
Site 1063 Hole A Core 17H **Cored 147.8-157.3 mbsf**



Site 1063 Hole A Core 18H

Cored 157.3-166.8 mbsf

1063A-18H

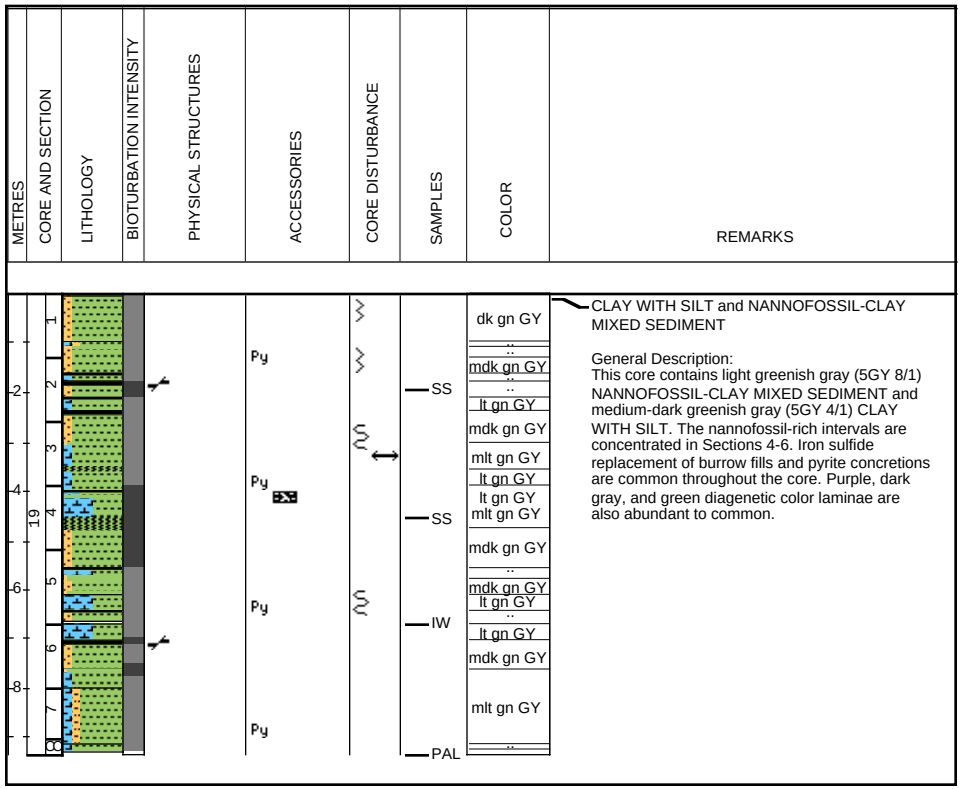


CLAY WITH NANNOFOSSILS AND SILT, NANNOFOSSIL CLAY, and CLAY WITH SILT

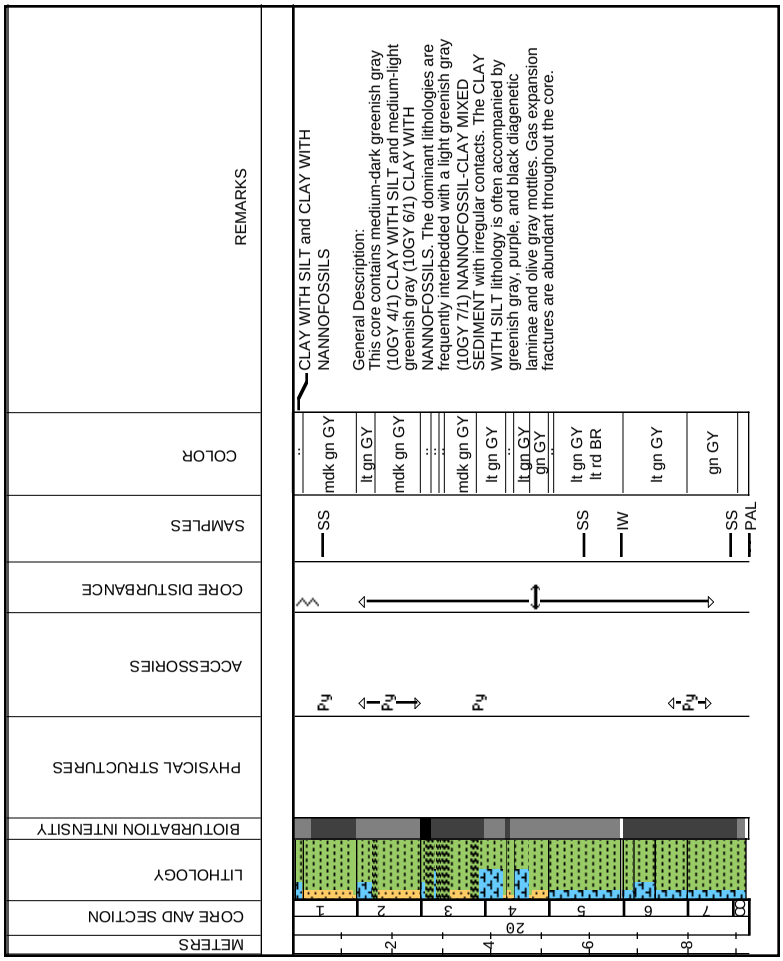
General Description:

This core contains dark greenish gray (5GY 3.5/1) to light reddish brown (5YR 6/4) CLAY WITH NANNOFOSSILS AND SILT, light greenish gray (5GY 7/1) NANNOFOSSIL CLAY, and dark greenish gray (5GY 4/1) CLAY WITH SILT. Black hydrotroilite stains are common in Sections 1 and 2. In Sections 3-4 the NANNOFOSSIL CLAY contains a higher percentage of foraminifers (<10%). The sediment shows reddish coloration in Sections 1-3 and 5.

Site 1063 Hole A Core 19H Cored 166.8-176.3 mbsf



1063A-20H


Site 1063 Hole A Core 20H
Cored 176.3-185.8 mbsf
METERS
CORE AND SECTION
LITHOLOGY
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ACCESSORIES
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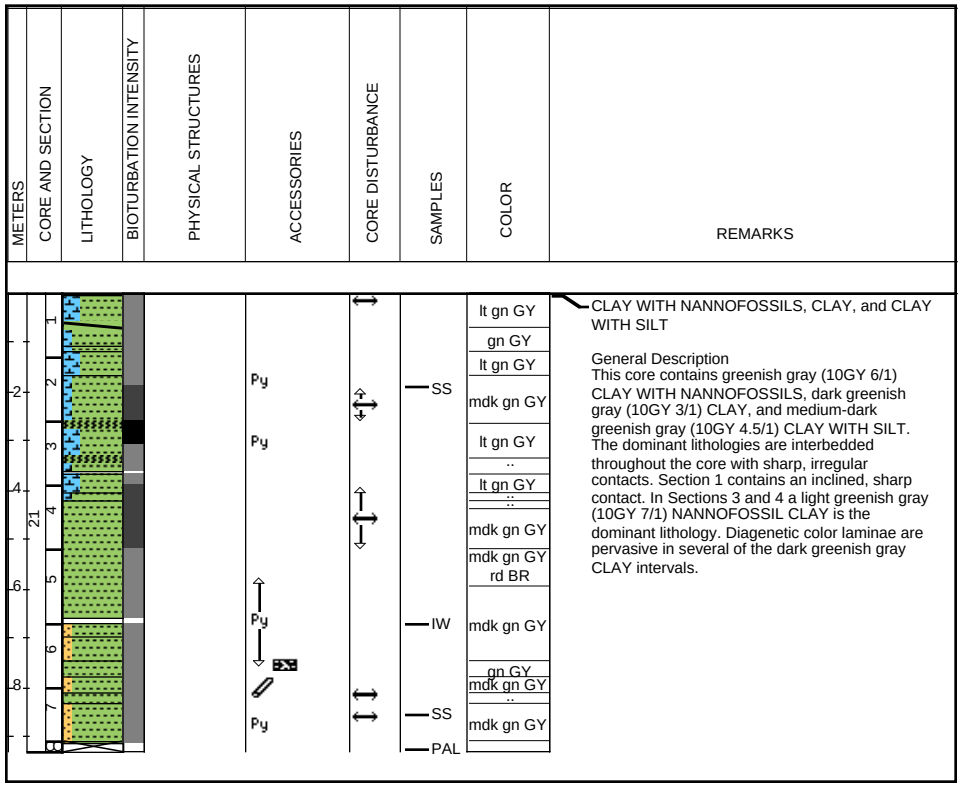
SAMPLES
COLOR
REMARKS
CLAY WITH SILT and CLAY WITH NANNOFOSSILS
General Description:
This core contains medium-dark greenish gray (10GY 4/1) CLAY WITH SILT and medium-light greenish gray (10GY 6/1) CLAY WITH NANNOFOSSILS. The dominant lithologies are frequently interbedded with a light greenish gray (10GY 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT with irregular contacts. The CLAY WITH SILT lithology is often accompanied by greenish gray, purple, and black diagenetic laminae and olive gray mottles. Gas expansion fractures are abundant throughout the core.
mdk gn GY
lt gn GY
mdk gn GY
mdk gn GY
lt gn GY
lt gn GY
gn GY
lt gn GY
lt rd BR
lt gn GY
gn GY
SS
SS
IW
SS
PAL
Py
20
1
2
3
4
5
6
7
CC
-2
-4
-6
-8

Site 1063 Hole A Core 21H — Cored 185.8-195.1 mbsf

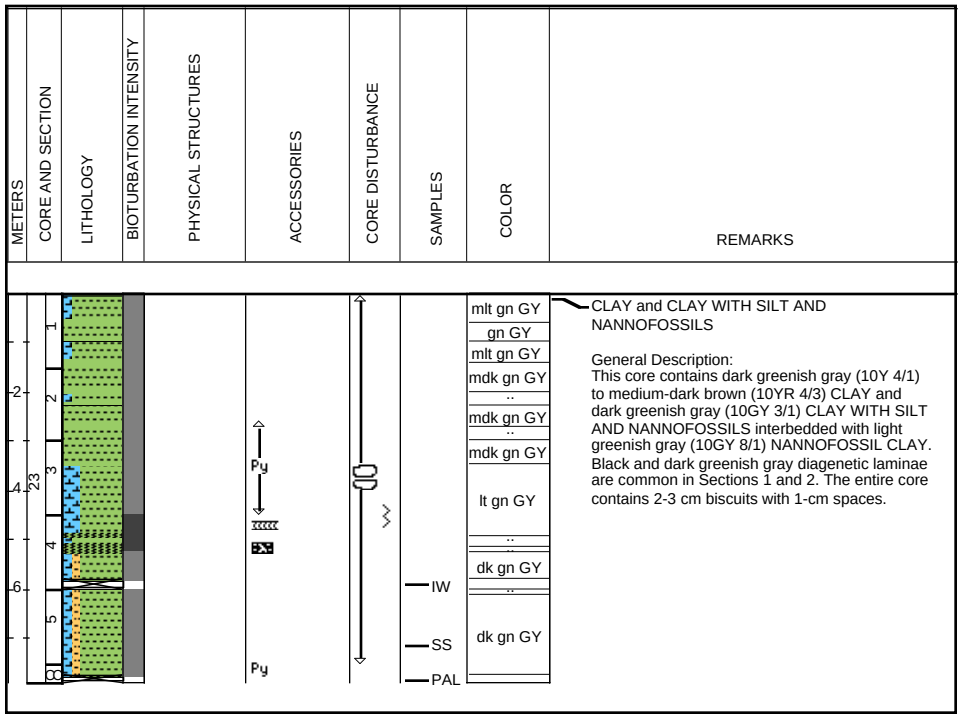


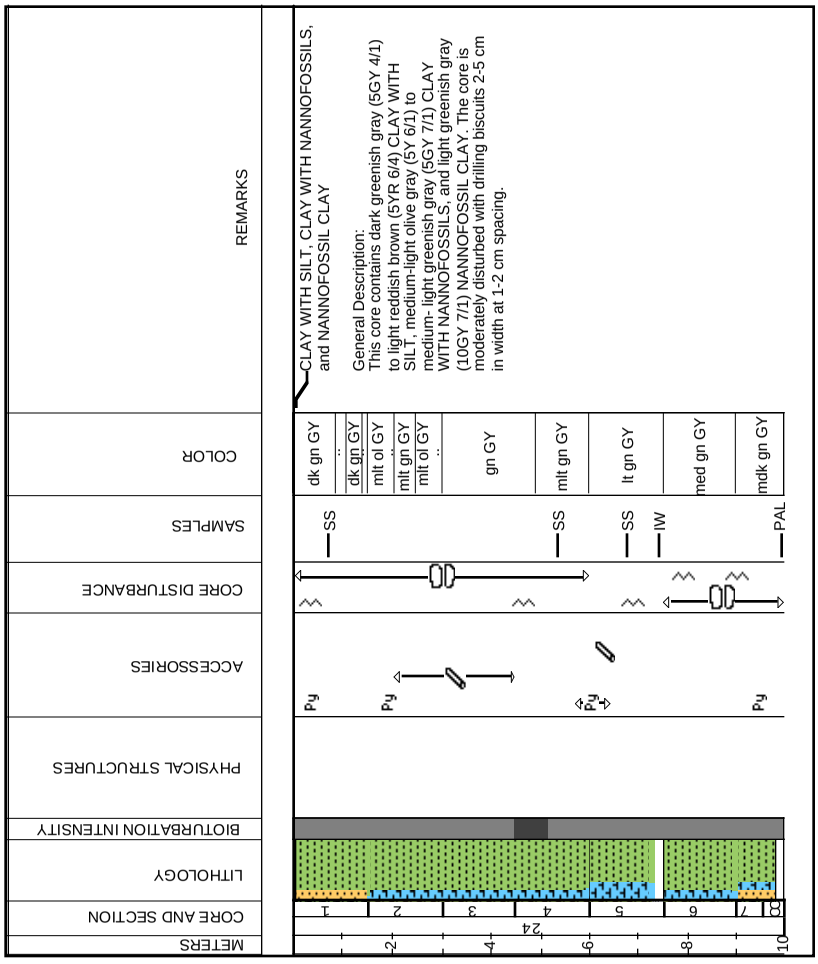
Site 1063 Hole A Core 22H

Cored 195.1-201.4 mbsf

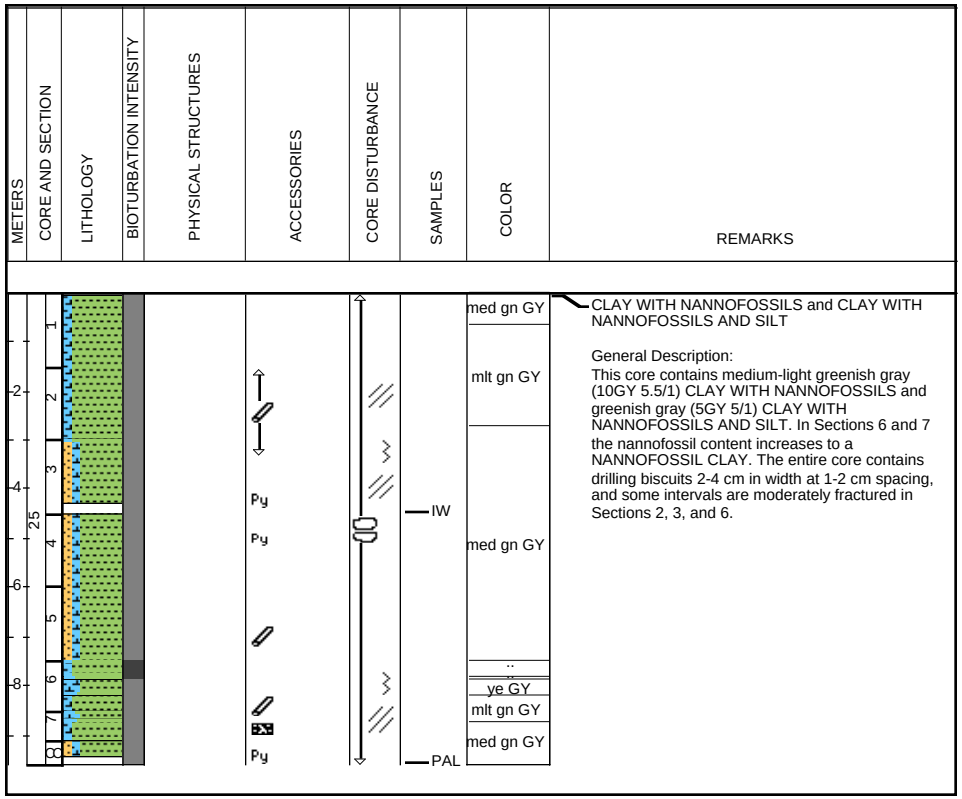
1063A-22H

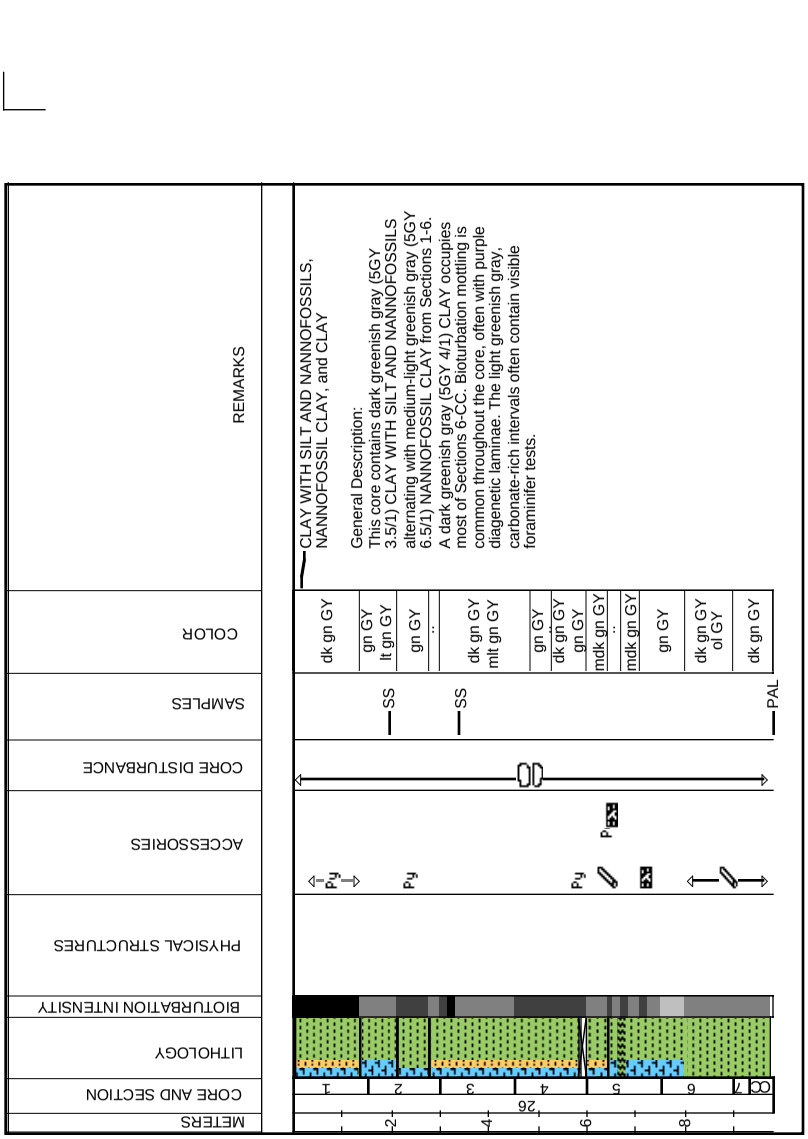
Site 1063 Hole A Core 23X **Cored 201.4-207.6 mbsf**



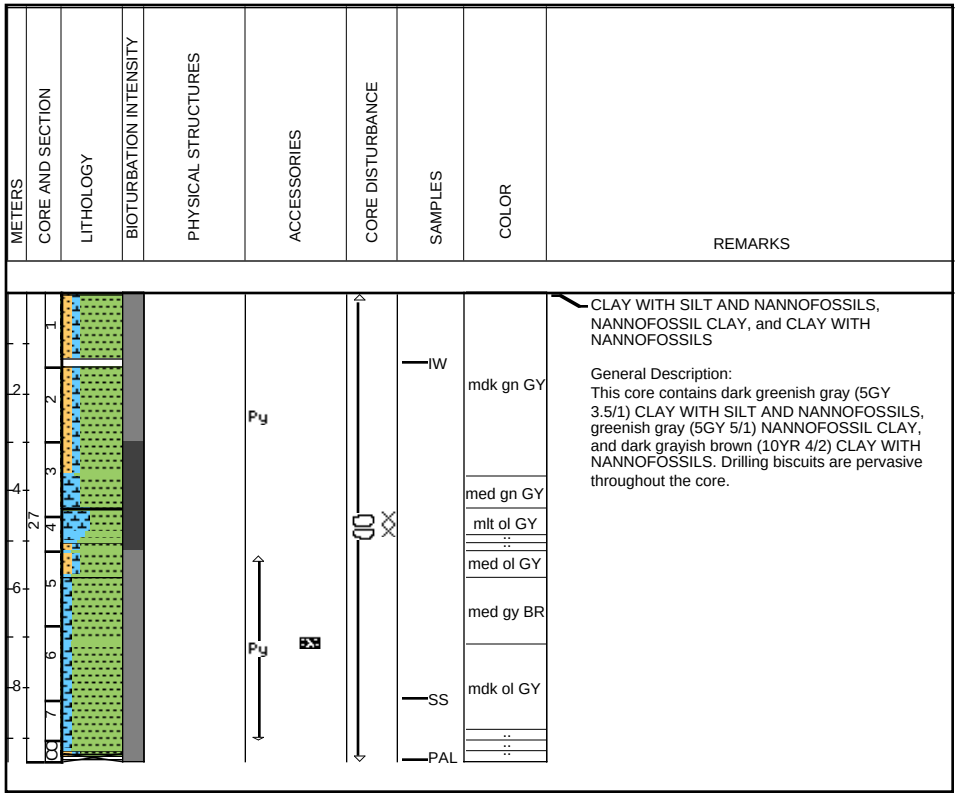

Site 1063 Hole A Core 24X
Cored 207.6-217.2 mbsf
1063A-24X
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH SILT, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY
General Description:
This core contains dark greenish gray (5GY 4/1) to light reddish brown (5YR 6/4) CLAY WITH SILT, medium-light olive gray (5Y 6/1) to medium- light greenish gray (5GY 7/1) CLAY WITH NANNOFOSSILS, and light greenish gray (10GY 7/1) NANNOFOSSIL CLAY. The core is moderately disturbed with drilling biscuits 2-5 cm in width at 1-2 cm spacing.
dk gn GY
dk gn GY
mlt ol GY
mlt gn GY
mlt ol GY
gn GY
mlt gn GY
lt gn GY
med gn GY
mdk gn GY
SS
SS
SS
IW
PAL
Py
24
CC

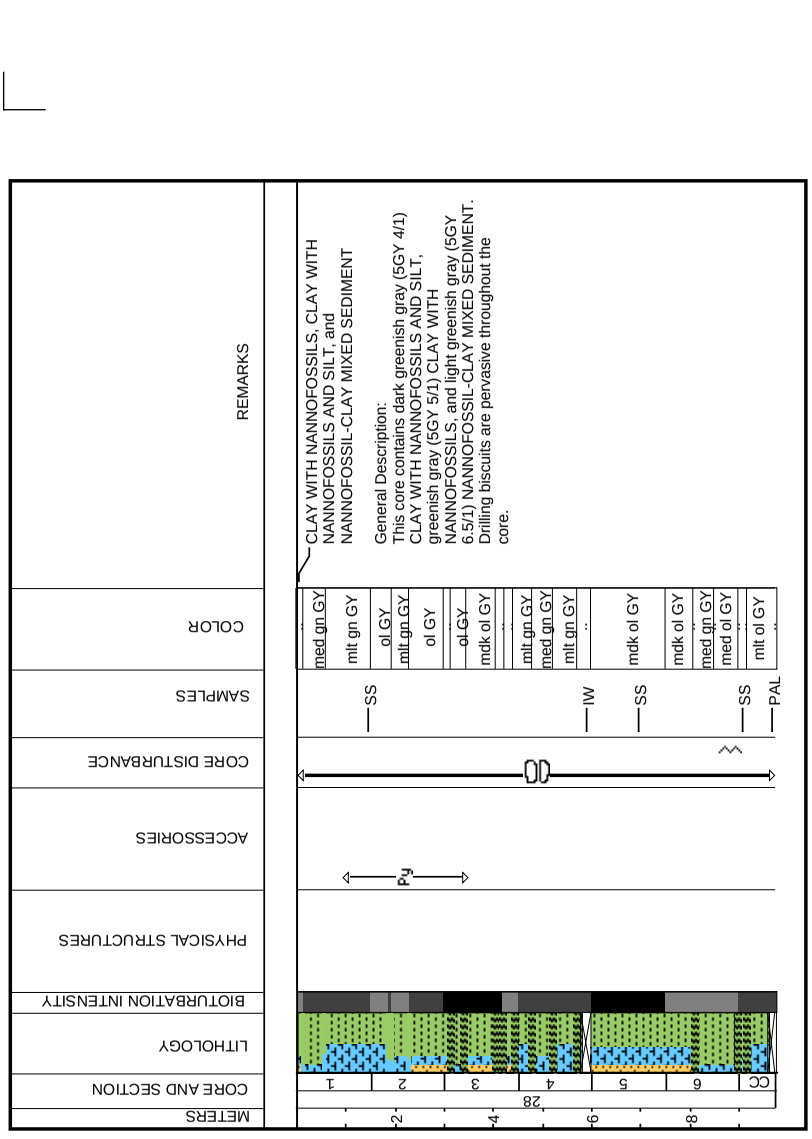
Site 1063 Hole A Core 25X **Cored 217.2-226.8 mbsf**



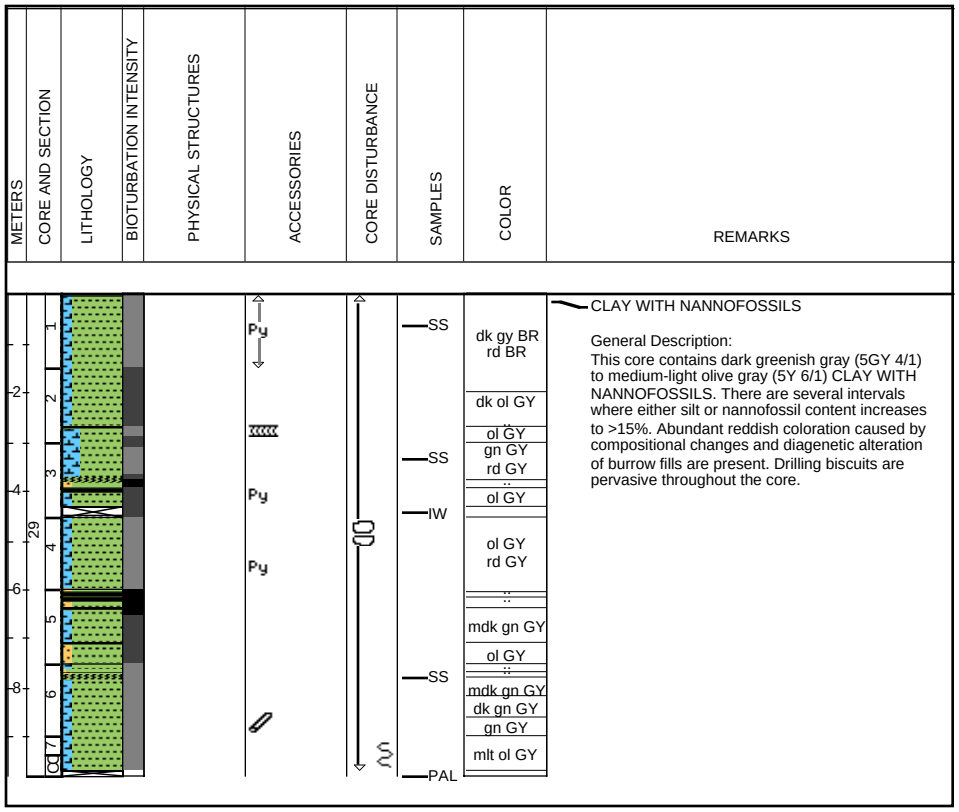

Site 1063 Hole A Core 26X
Cored 226.8-236.4 mbsf
1063A-26X
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH SILT AND NANNOFOSSILS, NANNOFOSSIL CLAY, and CLAY
General Description:
This core contains dark greenish gray (5GY 3.5/1) CLAY WITH SILT AND NANNOFOSSILS alternating with medium-light greenish gray (5GY 6.5/1) NANNOFOSSIL CLAY from Sections 1-6. A dark greenish gray (5GY 4/1) CLAY occupies most of Sections 6-CC. Bioturbation mottling is common throughout the core, often with purple diagenetic laminae. The light greenish gray, carbonate-rich intervals often contain visible foraminifer tests.
dk gn GY
gn GY
lt gn GY
gn GY
dk gn GY
mlt gn GY
gn GY
dk gn GY
gn GY
mdk gn GY
mdk gn GY
gn GY
dk gn GY
ol GY
dk gn GY
SS
SS
PAL
Py
Py
Py
Py
26
1
2
3
4
5
6
7
CC
2
4
6
8

Site 1063 Hole A Core 27X **Cored 236.4-246.0 mbsf**

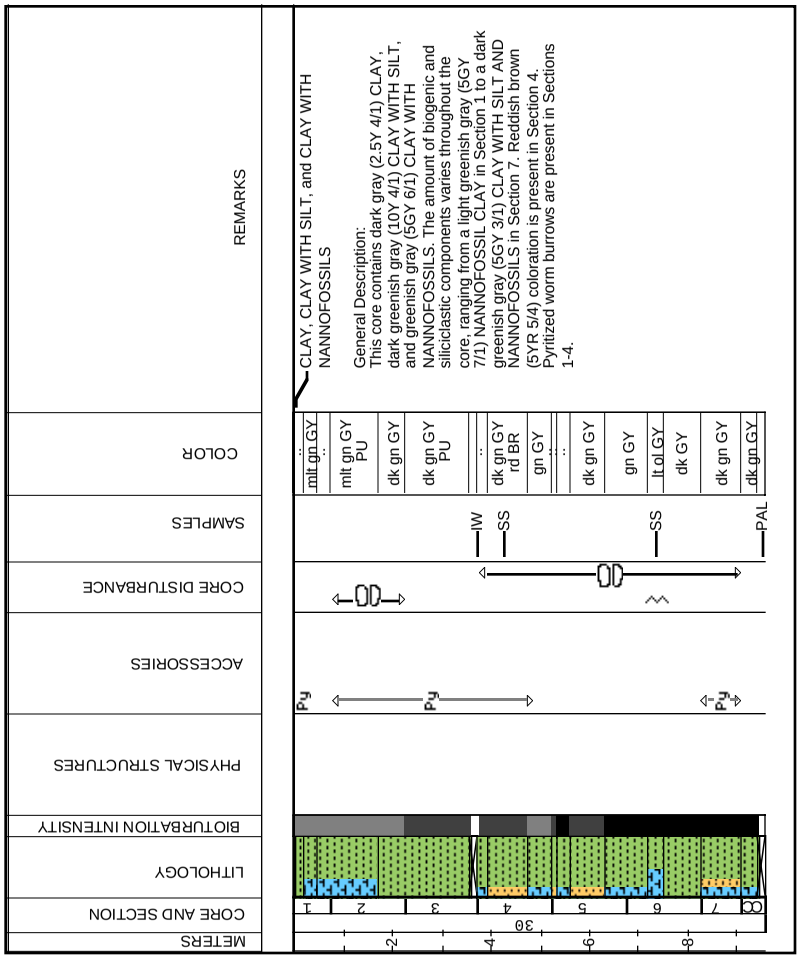



Site 1063 Hole A Core 28X
Cored 246.0-255.3 mbsf
1063A-28X
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH NANNOFOSSILS, CLAY WITH NANNOFOSSILS AND SILT, and NANNOFOSSIL-CLAY MIXED SEDIMENT
General Description:
This core contains dark greenish gray (5GY 4/1) CLAY WITH NANNOFOSSILS AND SILT, greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS, and light greenish gray (5GY 6.5/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. Drilling biscuits are pervasive throughout the core.
28
1
2
3
4
5
6
CC
SS
Py
IW
SS
SS
PAL
med gn GY
mlt gn GY
ol GY
mlt gn GY
ol GY
ol GY
mdk ol GY
mlt gn GY
med gn GY
mlt gn GY
mdk ol GY
mdk ol GY
med gn GY
med ol GY
mlt ol GY

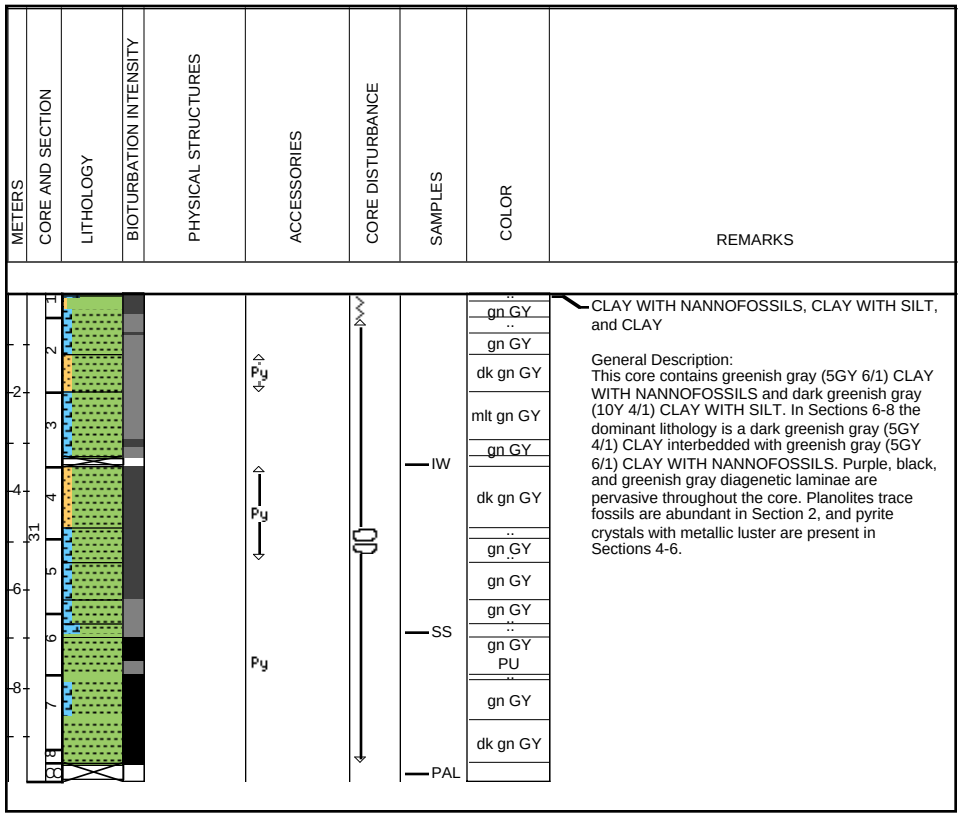
Site 1063 Hole A Core 29X Cored 255.3-264.9 mbsf



1063A-30X


Site 1063 Hole A Core 30X
Cored 264.9-274.5 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY, CLAY WITH SILT, and CLAY WITH NANNOFOSSILS
General Description:
This core contains dark gray (2.5Y 4/1) CLAY, dark greenish gray (10Y 4/1) CLAY WITH SILT, and greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS. The amount of biogenic and siliciclastic components varies throughout the core, ranging from a light greenish gray (5GY 7/1) NANNOFOSSIL CLAY in Section 1 to a dark greenish gray (5GY 3/1) CLAY WITH SILT AND NANNOFOSSILS in Section 7. Reddish brown (5YR 5/4) coloration is present in Section 4. Pyritized worm burrows are present in Sections 1-4.
mlt gn GY
mlt gn GY PU
dk gn GY
dk gn GY PU
dk gn GY rd BR
gn GY
dk gn GY
gn GY
lt ol GY
dk GY
dk gn GY
dk gn GY
IW
SS
SS
PAL
Py
1
2
3
4
5
6
7
CC
30
2
4
6
8

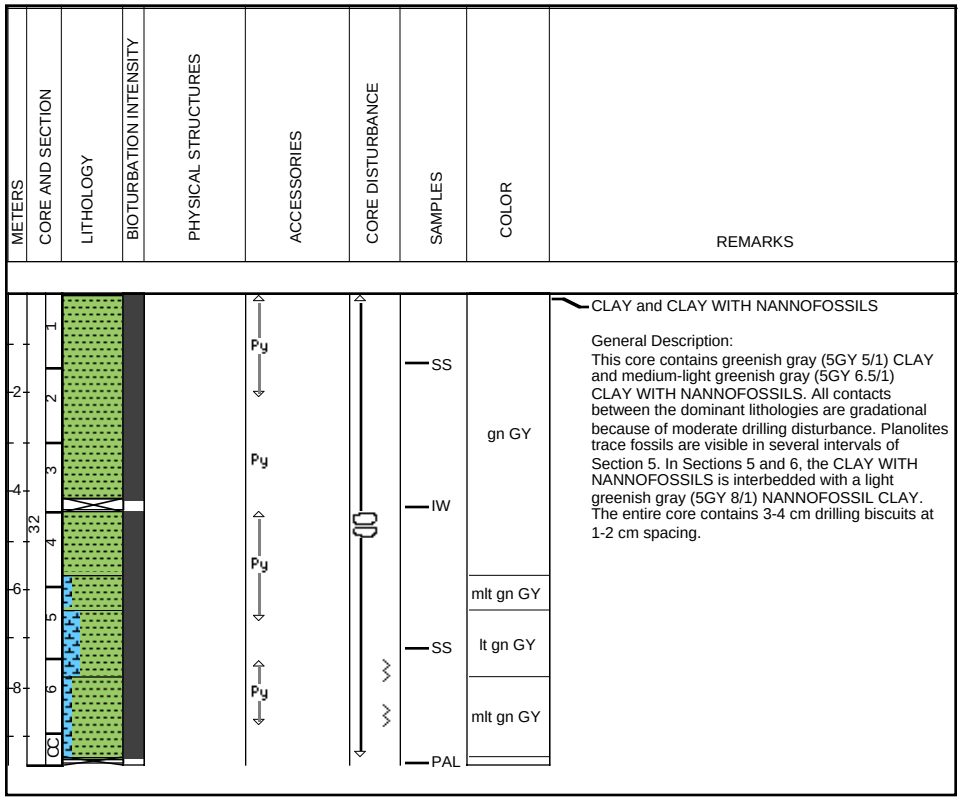
Site 1063 Hole A Core 31X **Cored 274.5-284.1 mbsf**



Site 1063 Hole A Core 32X

Cored 284.1-293.8 mbsf

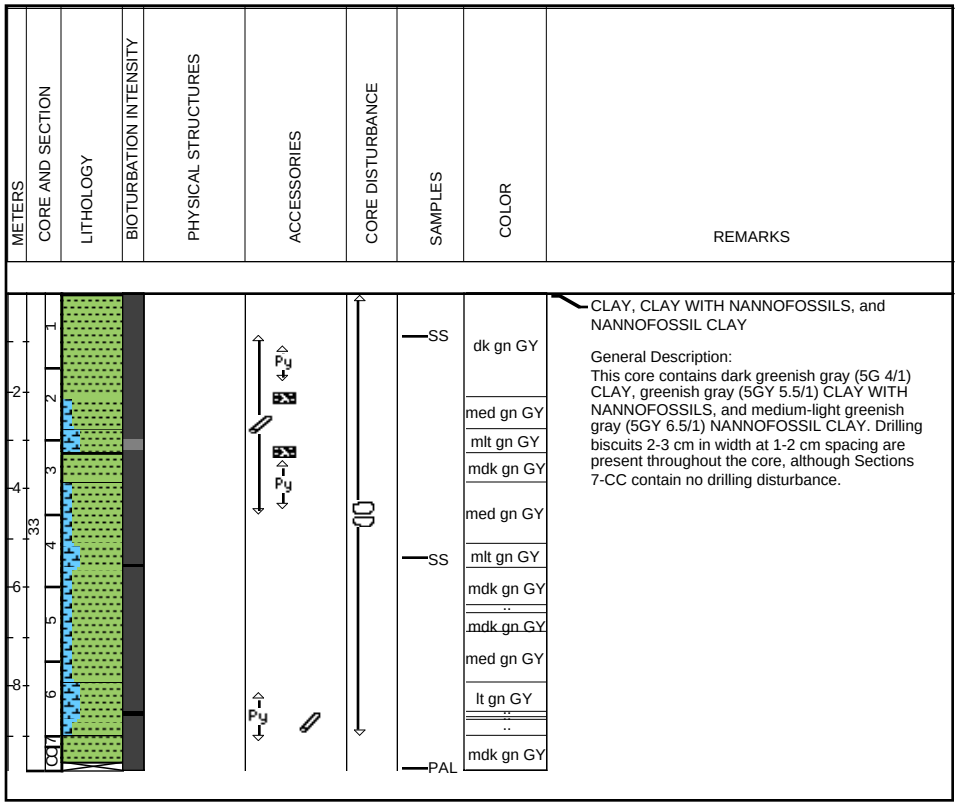
1063A-32X



CLAY and CLAY WITH NANNOFOSSILS

General Description:
This core contains greenish gray (5GY 5/1) CLAY and medium-light greenish gray (5GY 6.5/1) CLAY WITH NANNOFOSSILS. All contacts between the dominant lithologies are gradational because of moderate drilling disturbance. Planolites trace fossils are visible in several intervals of Section 5. In Sections 5 and 6, the CLAY WITH NANNOFOSSILS is interbedded with a light greenish gray (5GY 8/1) NANNOFOSSIL CLAY. The entire core contains 3-4 cm drilling biscuits at 1-2 cm spacing.

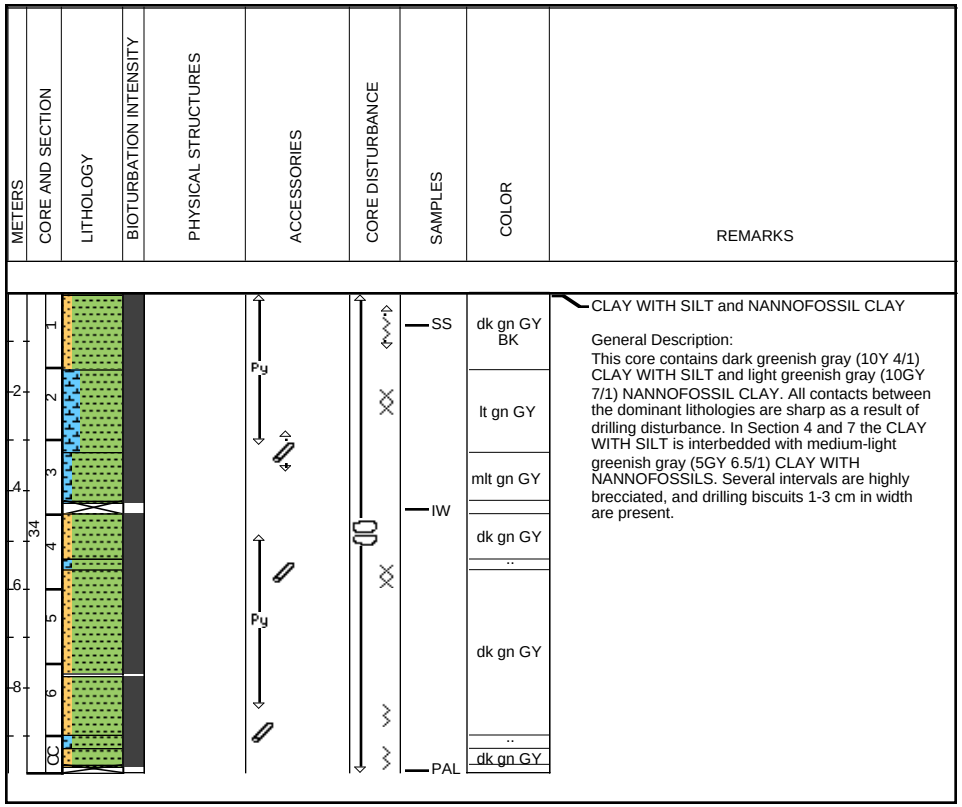
Site 1063 Hole A Core 33X **Cored 293.8-303.5 mbsf**



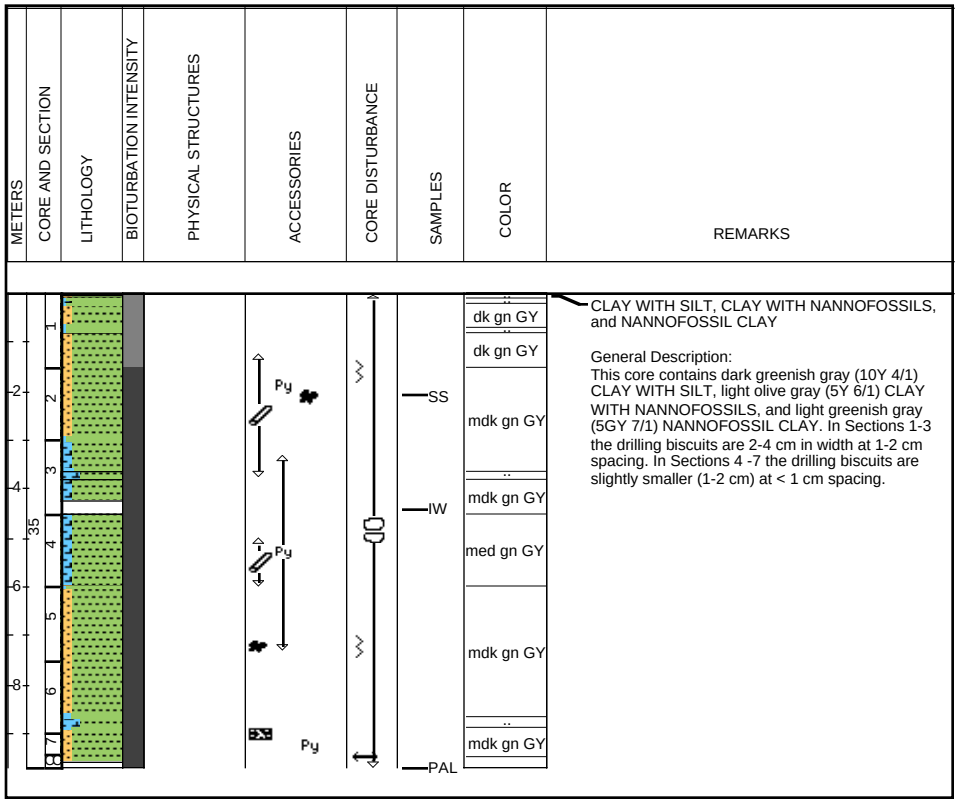
Site 1063 Hole A Core 34X

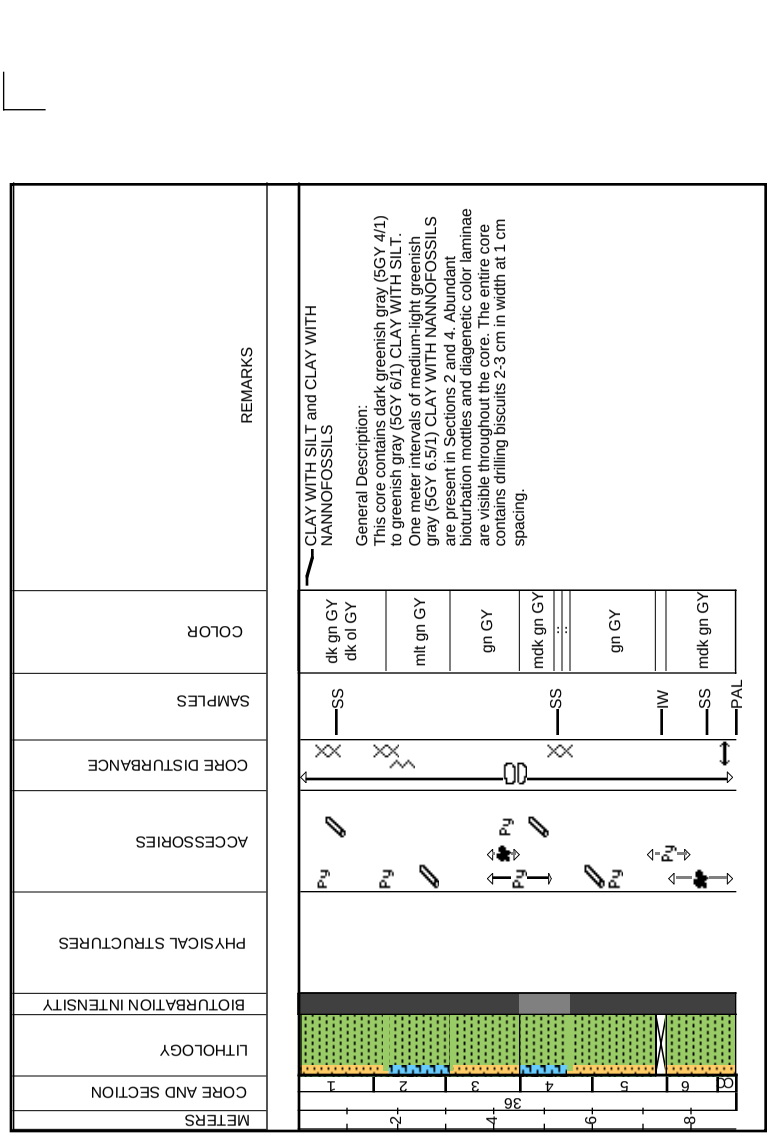
Cored 303.5-313.1 mbsf

1063A-34X



Site 1063 Hole A Core 35X **Cored 313.1-322.6 mbsf**



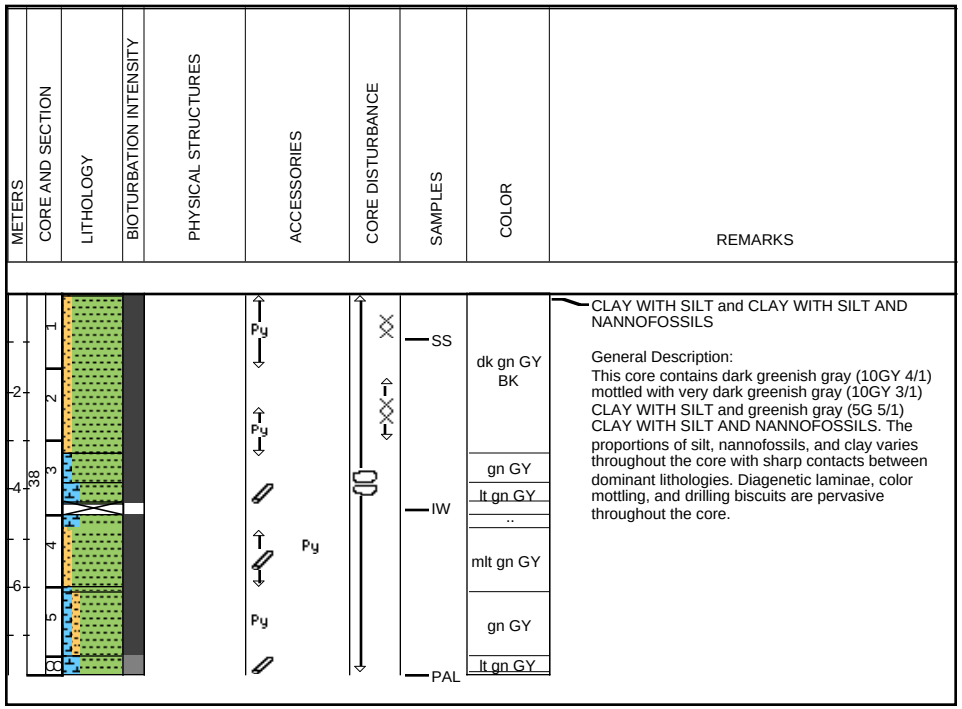

1063A-36X
Site 1063 Hole A Core 36X
Cored 322.6-332.2 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH SILT and CLAY WITH NANNOFOSSILS
General Description:
This core contains dark greenish gray (5GY 4/1) to greenish gray (5GY 6/1) CLAY WITH SILT.
One meter intervals of medium-light greenish gray (5GY 6.5/1) CLAY WITH NANNOFOSSILS are present in Sections 2 and 4. Abundant bioturbation mottles and diagenetic color laminae are visible throughout the core. The entire core contains drilling biscuits 2-3 cm in width at 1 cm spacing.
dk gn GY
dk ol GY
mlt gn GY
gn GY
mdk gn GY
gn GY
mdk gn GY
SS
SS
IW
SS
PAL
Py
36
1
2
3
4
5
6
CC

Site 1063 Hole A Core 37X **Cored 332.2-341.5 mbsf**

1063A-37X

Site 1063 Hole A Core 38X

Cored 341.5-351.1 mbsf

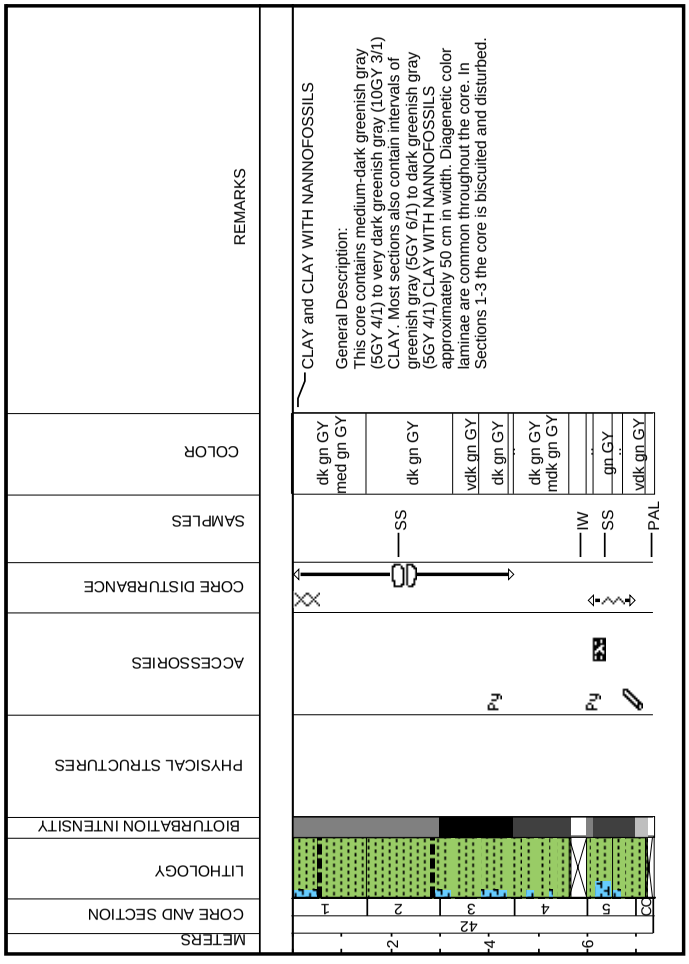


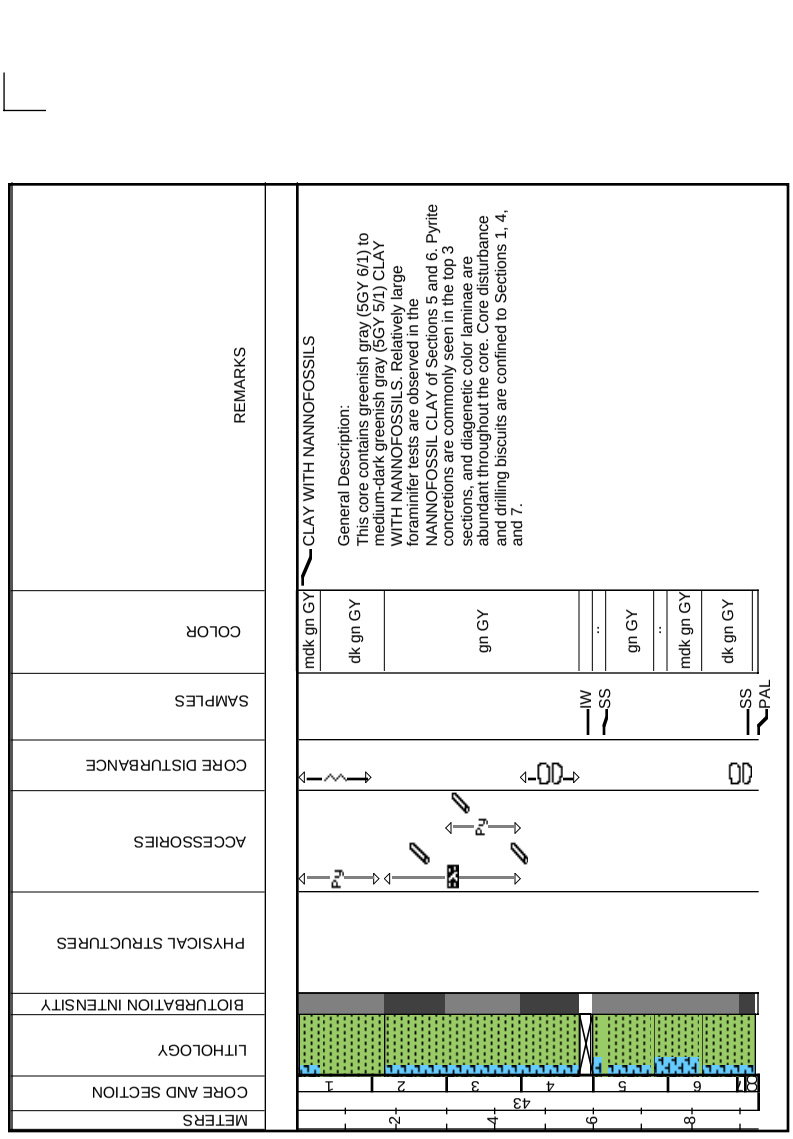
Site 1063 Hole A Core 39X **Cored 351.1-360.7 mbsf**

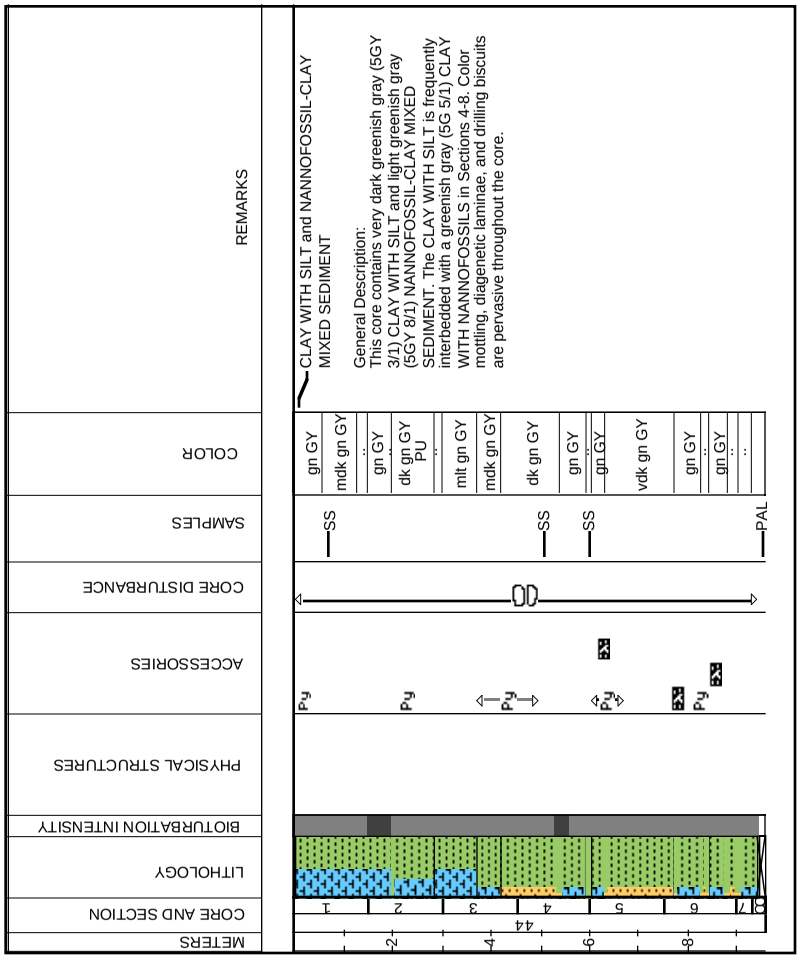
Site 1063 Hole A Core 40X **Cored 360.7-370.3 mbsf**

Site 1063 Hole A Core 41X **Cored 370.3-379.9 mbsf**

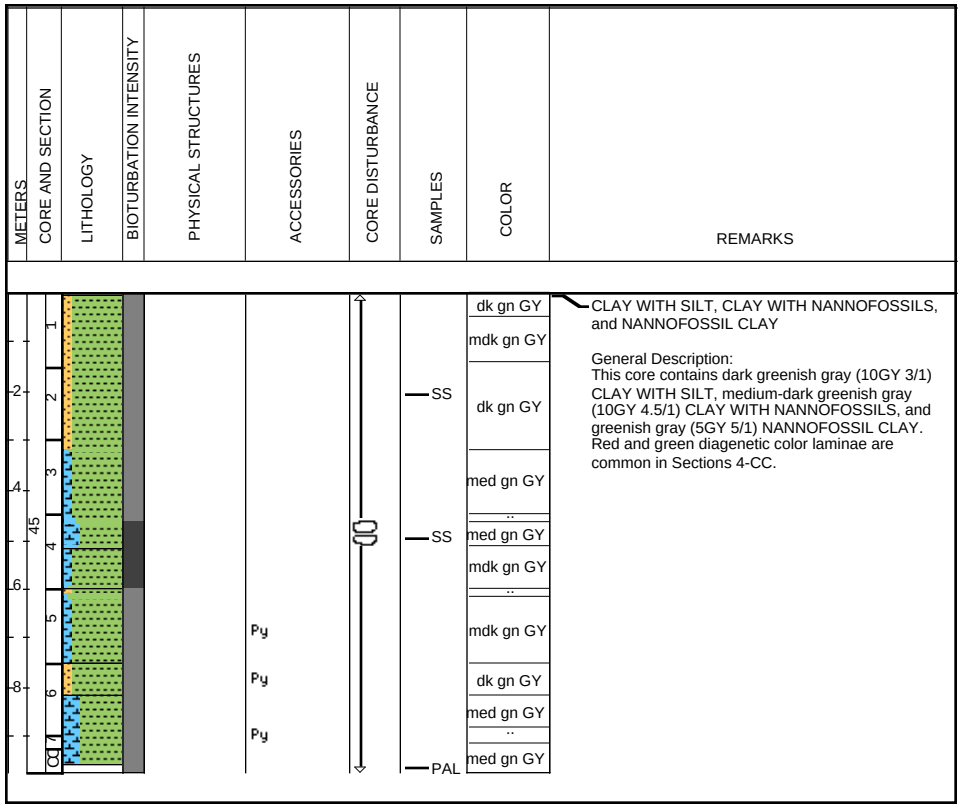
1063A-42X


Site 1063 Hole A Core 42X
Cored 379.9-389.5 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY and CLAY WITH NANNOFOSSILS
General Description:
This core contains medium-dark greenish gray (5GY 4/1) to very dark greenish gray (10GY 3/1) CLAY. Most sections also contain intervals of greenish gray (5GY 6/1) to dark greenish gray (5GY 4/1) CLAY WITH NANNOFOSSILS approximately 50 cm in width. Diagenetic color laminae are common throughout the core. In Sections 1-3 the core is biscuited and disturbed.
dk gn GY
med gn GY
dk gn GY
vdk gn GY
dk gn GY
dk gn GY
mdk gn GY
gn GY
vdk gn GY
SS
IW
SS
PAL
Py
Py
42
1
2
3
4
5
CC
2
4
6


Site 1063 Hole A Core 43X
Cored 389.5-399.1 mbsf
1063A-43X
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH NANNOFOSSILS
General Description:
This core contains greenish gray (5GY 6/1) to medium-dark greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS. Relatively large foraminifer tests are observed in the NANNOFOSSIL CLAY of Sections 5 and 6. Pyrite concretions are commonly seen in the top 3 sections, and diagenetic color laminae are abundant throughout the core. Core disturbance and drilling biscuits are confined to Sections 1, 4, and 7.
mdk gn GY
dk gn GY
gn GY
gn GY
mdk gn GY
dk gn GY
Py
Py
IW
SS
SS
PAL
1
2
3
4
5
6
CC
43
2
4
6
8

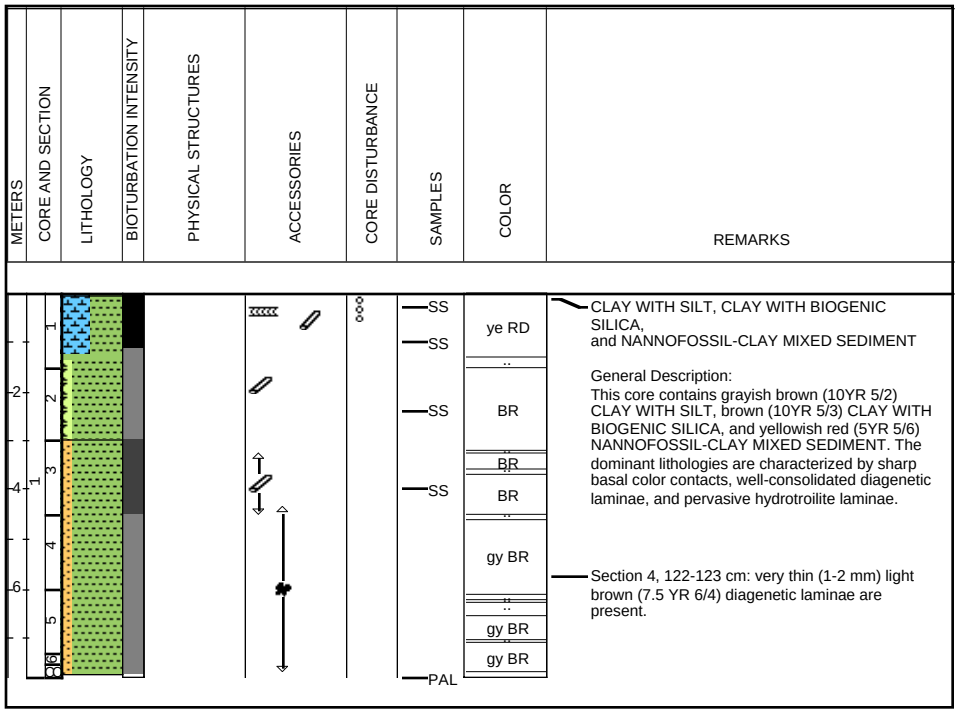

Site 1063 Hole A Core 44X
Cored 399.1-408.7 mbsf
1063A-44X
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH SILT and NANNOFOSSIL-CLAY
MIXED SEDIMENT
General Description:
This core contains very dark greenish gray (5GY 3/1) CLAY WITH SILT and light greenish gray (5GY 8/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. The CLAY WITH SILT is frequently interbedded with a greenish gray (5G 5/1) CLAY WITH NANNOFOSSILS in Sections 4-8. Color mottling, diagenetic laminae, and drilling biscuits are pervasive throughout the core.
gn GY
mdk gn GY
gn GY
dk gn GY
PU
mlt gn GY
mdk gn GY
dk gn GY
gn GY
gn GY
vdk gn GY
gn GY
gn GY
SS
SS
SS
PAL
OD
Py
1
2
3
4
5
6
7
CC
44
2
4
6
8

Site 1063 Hole A Core 45X **Cored 408.7-418.4 mbsf**

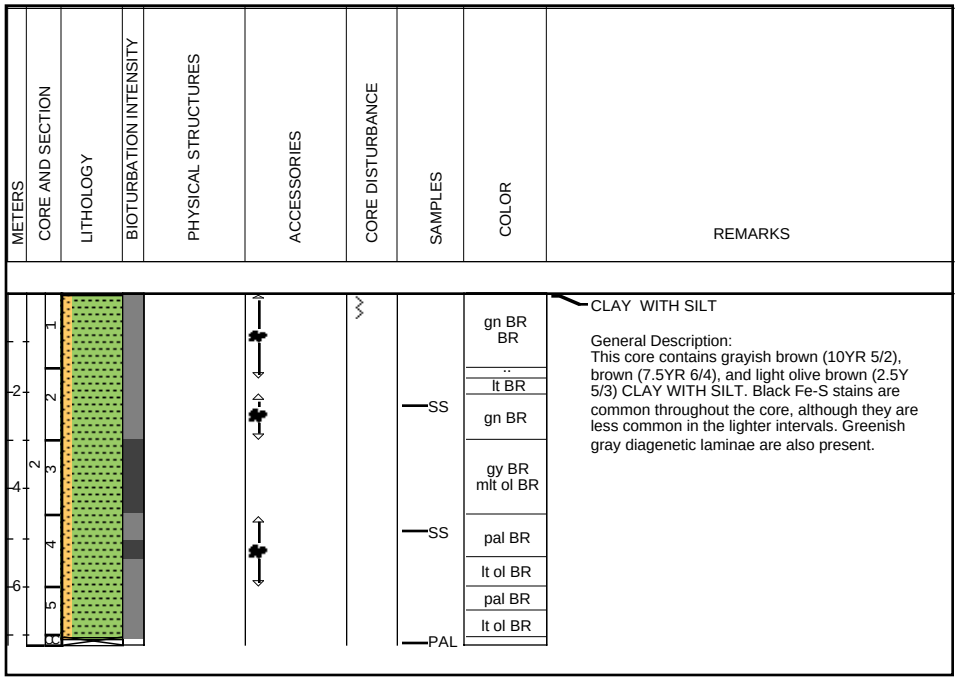


Site 1063 Hole B Core 1H

Cored 0.0-7.8 mbsf



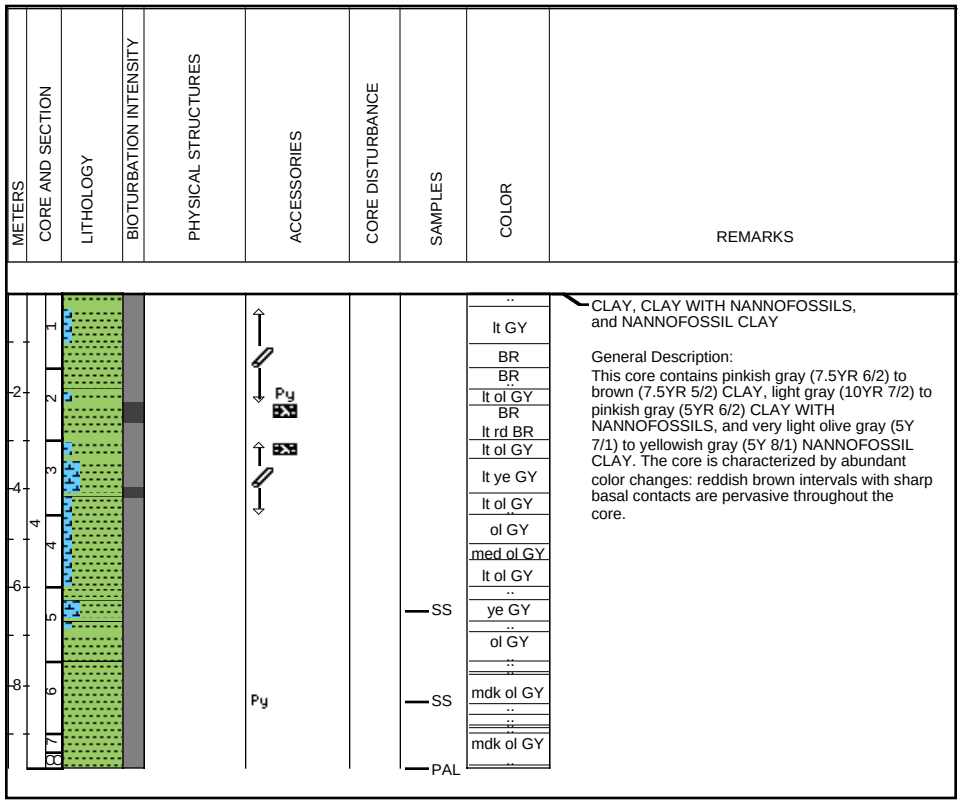
Site 1063 Hole B Core 2H **Cored 7.8-17.3 mbsf**



Site 1063 Hole B Core 3H — Cored 17.3-26.8 mbsf

1063B-3H

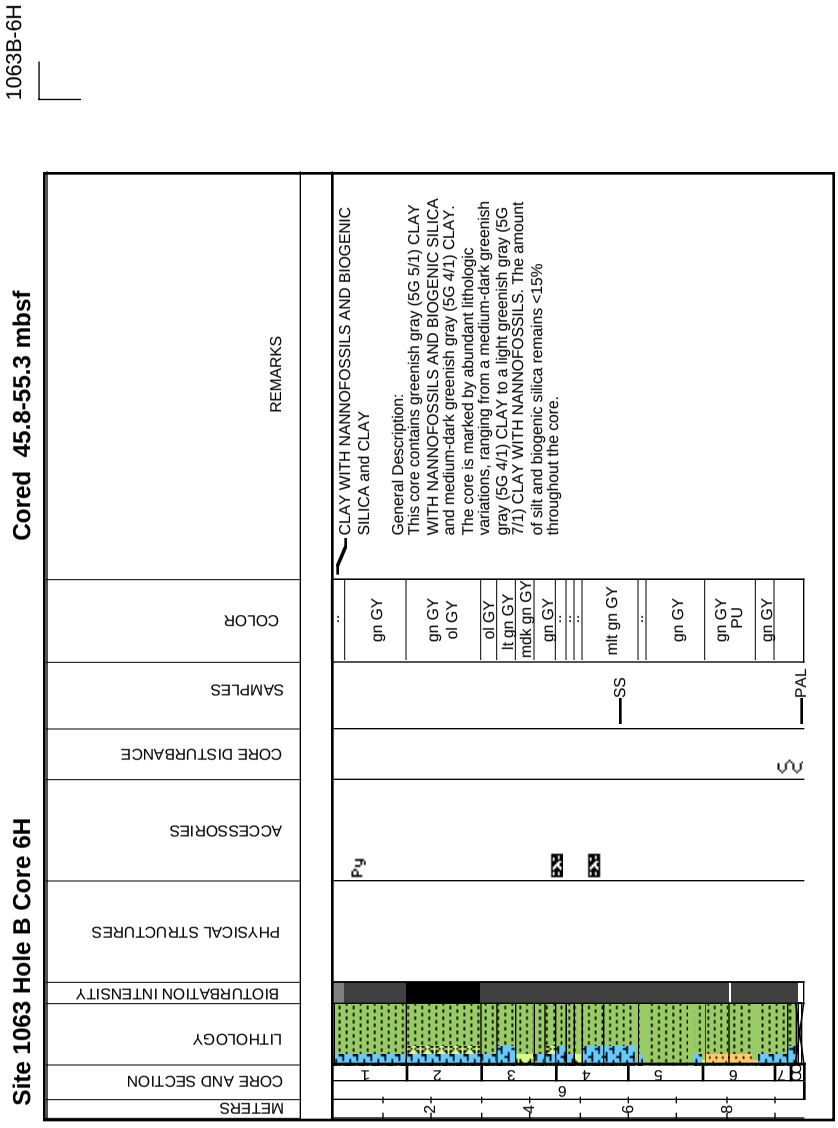
Site 1063 Hole B Core 4H **Cored 26.8-36.3 mbsf**

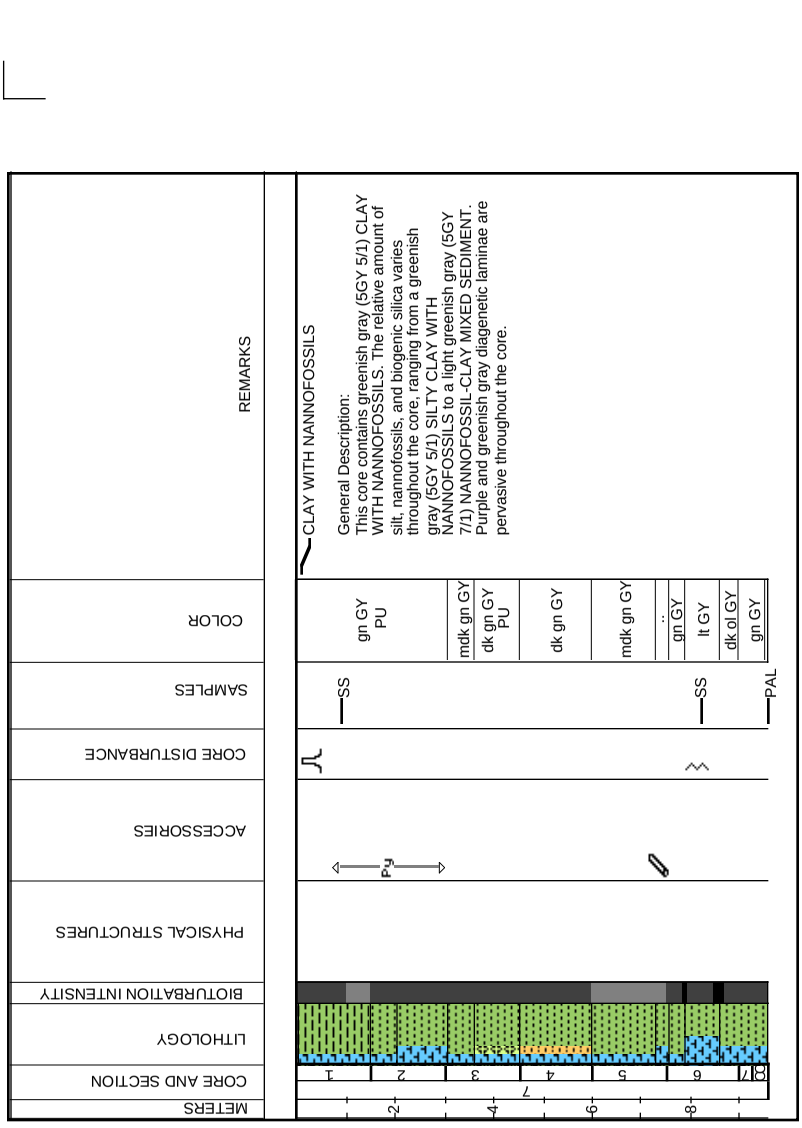


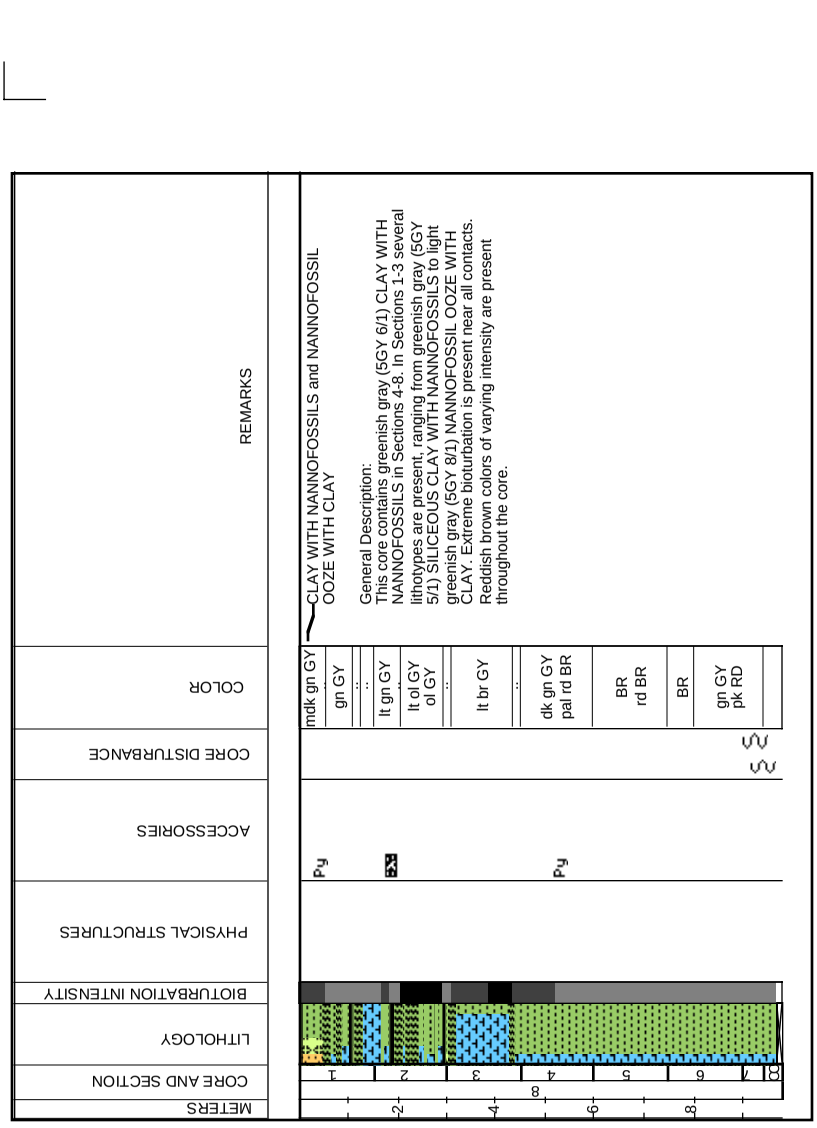
Site 1063 Hole B Core 5H

Cored 36.3-45.8 mbsf

1063B-5H


1063B-6H
Site 1063 Hole B Core 6H
Cored 45.8-55.3 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
Py
SS
PAL
gn GY
gn GY
ol GY
ol GY
lt gn GY
mdk gn GY
gn GY
mlt gn GY
gn GY
gn GY
PU
gn GY
CLAY WITH NANNOFOSSILS AND BIOGENIC SILICA and CLAY
General Description:
This core contains greenish gray (5G 5/1) CLAY WITH NANNOFOSSILS AND BIOGENIC SILICA and medium-dark greenish gray (5G 4/1) CLAY. The core is marked by abundant lithologic variations, ranging from a medium-dark greenish gray (5G 4/1) CLAY to a light greenish gray (5G 7/1) CLAY WITH NANNOFOSSILS. The amount of silt and biogenic silica remains <15% throughout the core.

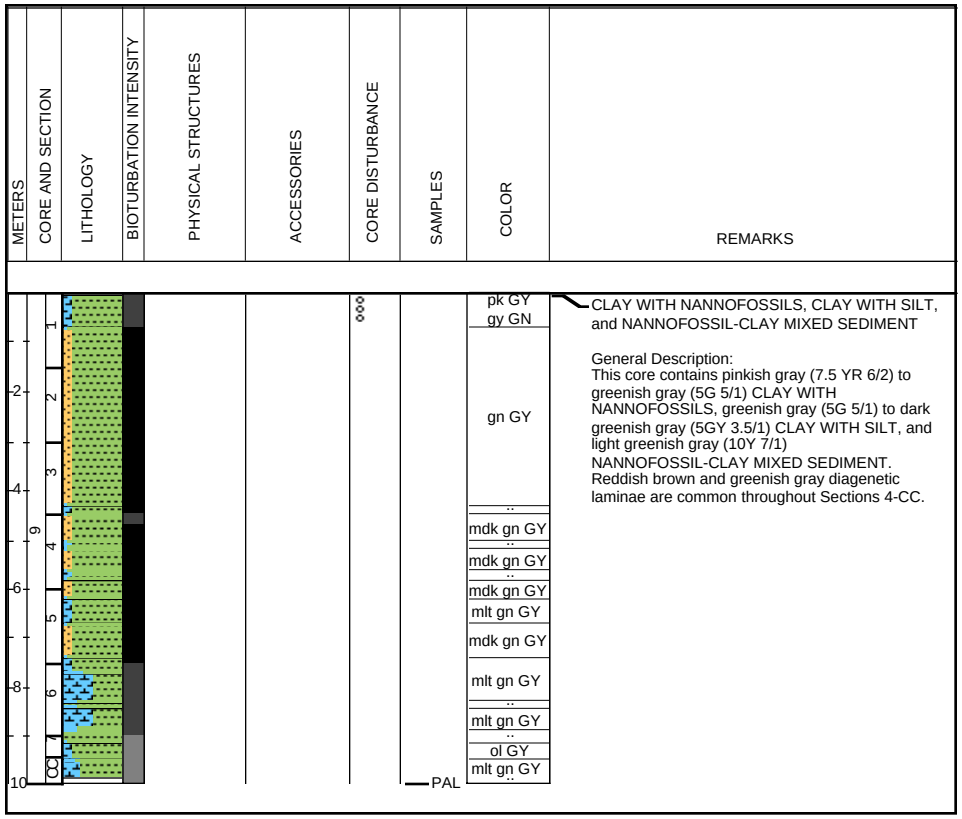

1063B-7H
Site 1063 Hole B Core 7H
Cored 55.3-64.8 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH NANNOFOSSILS
General Description:
This core contains greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS. The relative amount of silt, nannofossils, and biogenic silica varies throughout the core, ranging from a greenish gray (5GY 5/1) SILTY CLAY WITH NANNOFOSSILS to a light greenish gray (5GY 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. Purple and greenish gray diagenetic laminae are pervasive throughout the core.
SS
SS
PAL
gn GY PU
mdk gn GY
dk gn GY PU
dk gn GY
mdk gn GY
..
gn GY
lt GY
dk ol GY
gn GY


1063B-8H
Site 1063 Hole B Core 8H
Cored 64.8-74.3 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
COLOR
REMARKS
mdk gn GY
gn GY
lt gn GY
lt ol GY
ol GY
lt br GY
dk gn GY
pal rd BR
BR
rd BR
BR
gn GY
pk RD
CLAY WITH NANNOFOSSILS and NANNOFOSSIL OOZE WITH CLAY
General Description:
This core contains greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS in Sections 4-8. In Sections 1-3 several lithotypes are present, ranging from greenish gray (5GY 5/1) SILICEOUS CLAY WITH NANNOFOSSILS to light greenish gray (5GY 8/1) NANNOFOSSIL OOZE WITH CLAY. Extreme bioturbation is present near all contacts. Reddish brown colors of varying intensity are present throughout the core.

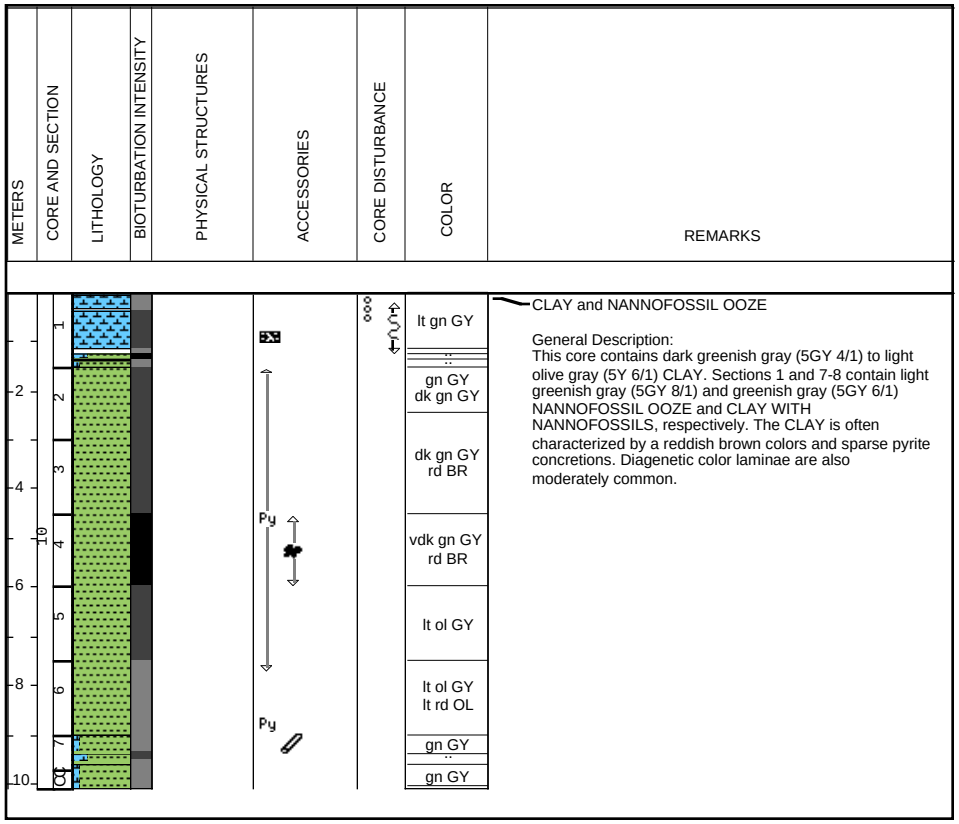
Site 1063 Hole B Core 9H

Cored 74.3-83.8 mbsf

1063B-9H

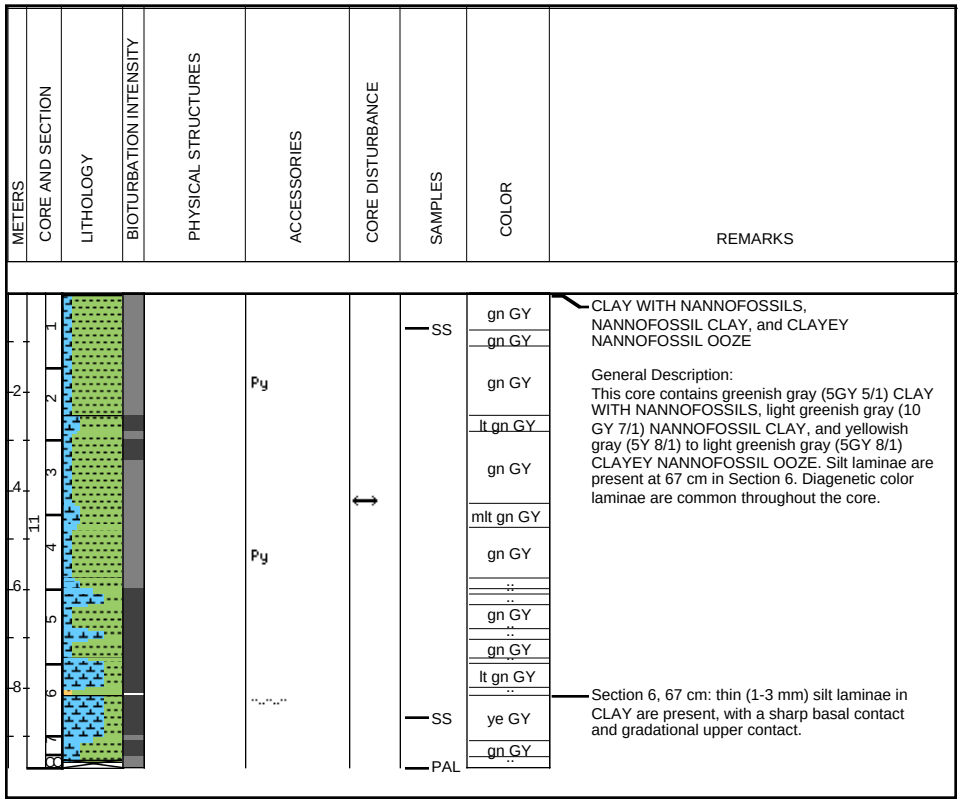


Site 1063 Hole B Core 10H Cored 83.8-93.3 mbsf



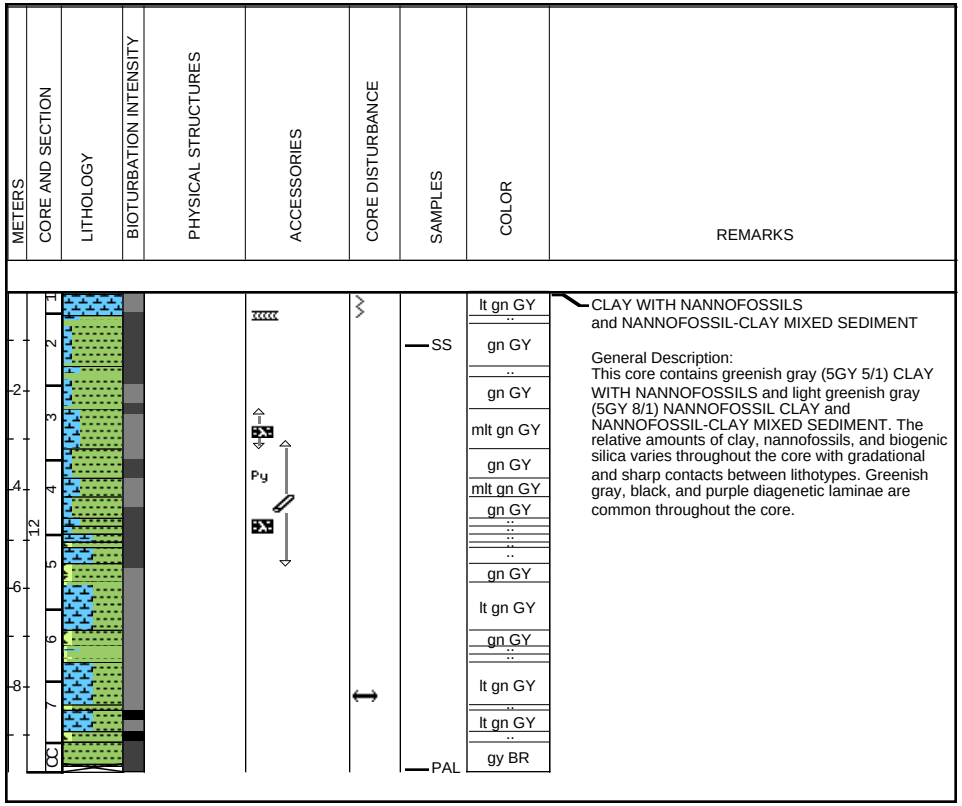
Site 1063 Hole B Core 11H

Cored 93.3-102.8 mbsf



Site 1063 Hole B Core 12H

Cored 102.8-112.3 mbsf



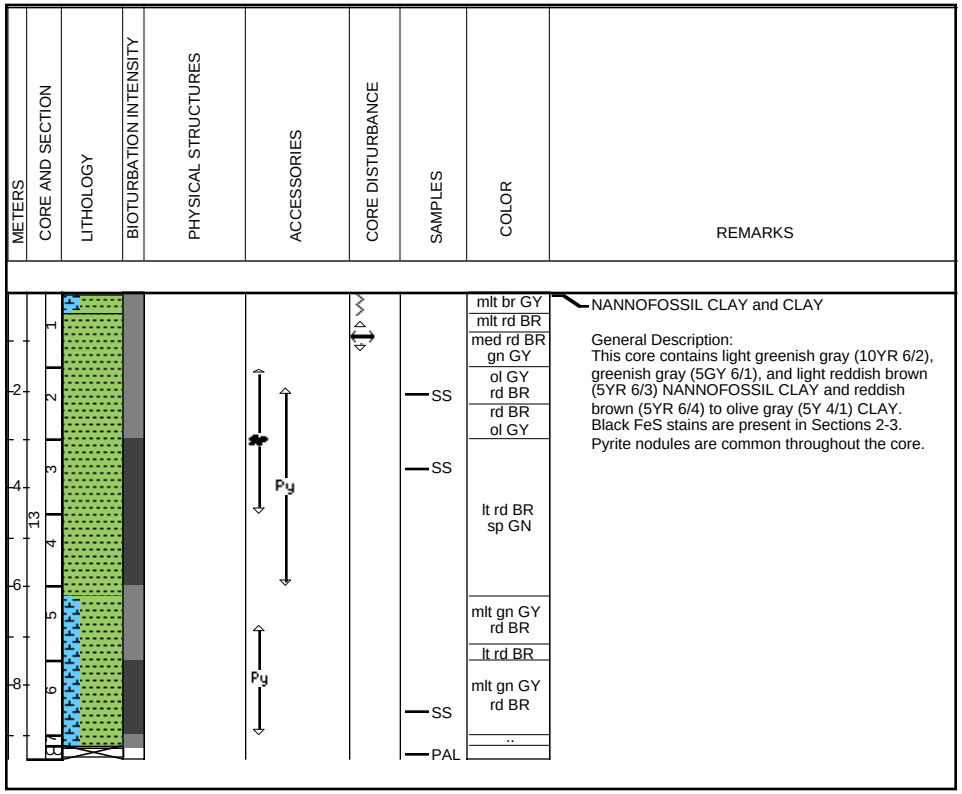
CLAY WITH NANNOFOSSILS
and NANNOFOSSIL-CLAY MIXED SEDIMENT

General Description:
This core contains greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS and light greenish gray (5GY 8/1) NANNOFOSSIL CLAY and NANNOFOSSIL-CLAY MIXED SEDIMENT. The relative amounts of clay, nannofossils, and biogenic silica varies throughout the core with gradational and sharp contacts between lithotypes. Greenish gray, black, and purple diagenetic laminae are common throughout the core.

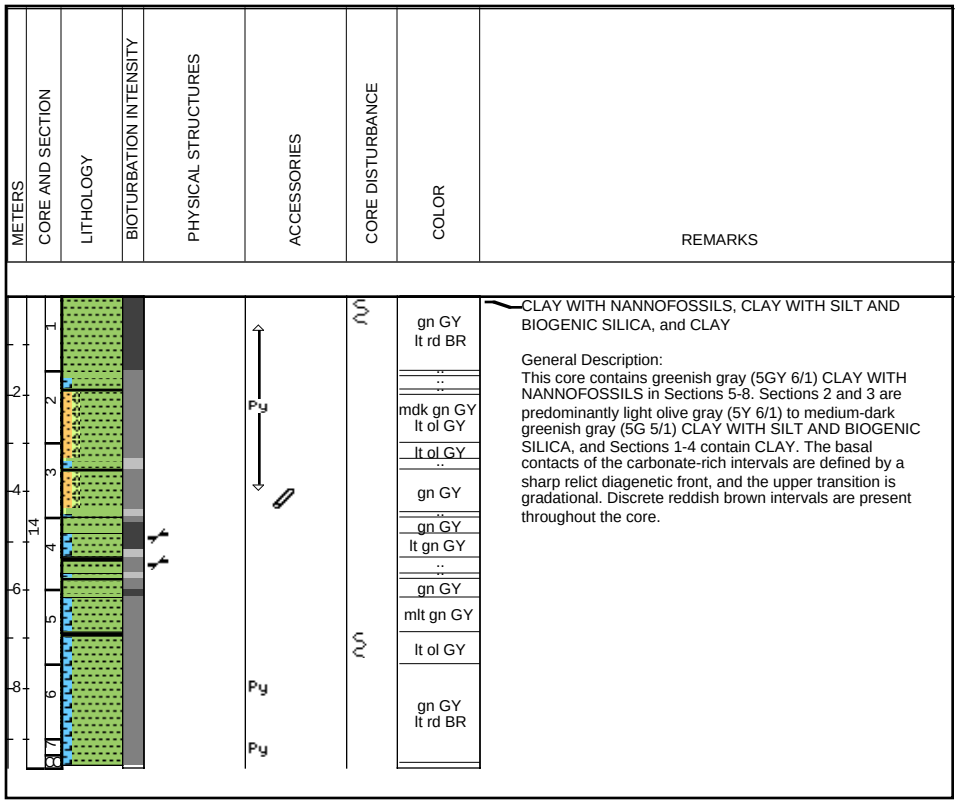
Site 1063 Hole B Core 13H

Cored 112.3-121.8 mbsf

1063B-13H



Site 1063 Hole B Core 14H Cored 121.8-131.3 mbsf

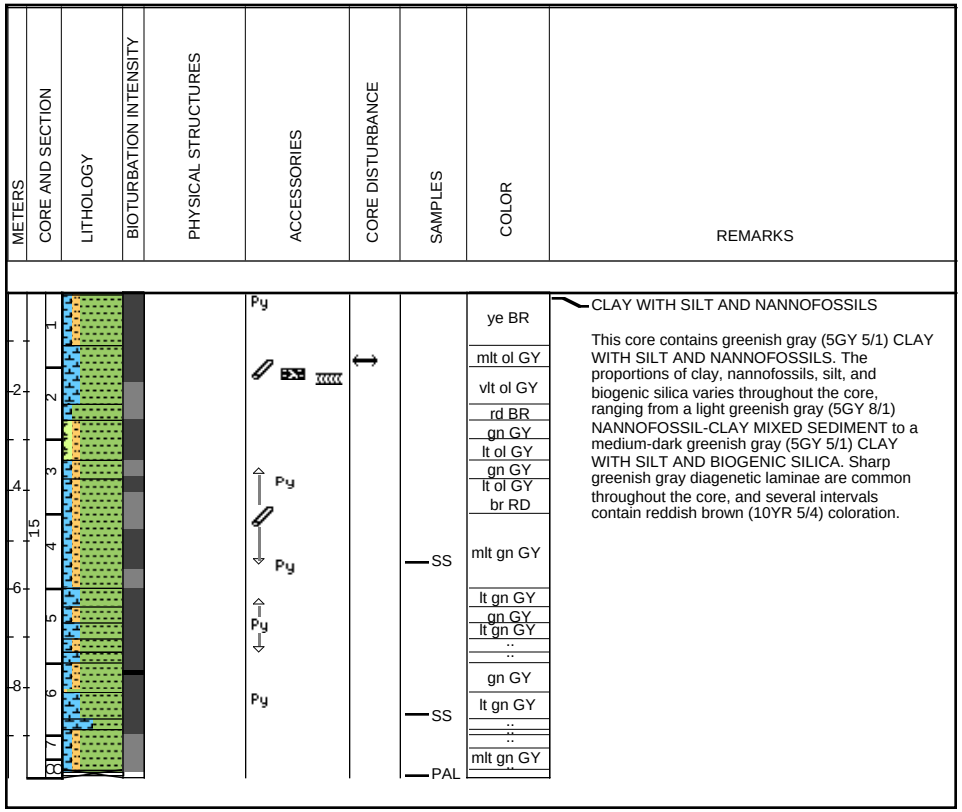


CLAY WITH NANNOFOSSILS, CLAY WITH SILT AND BIOGENIC SILICA, and CLAY

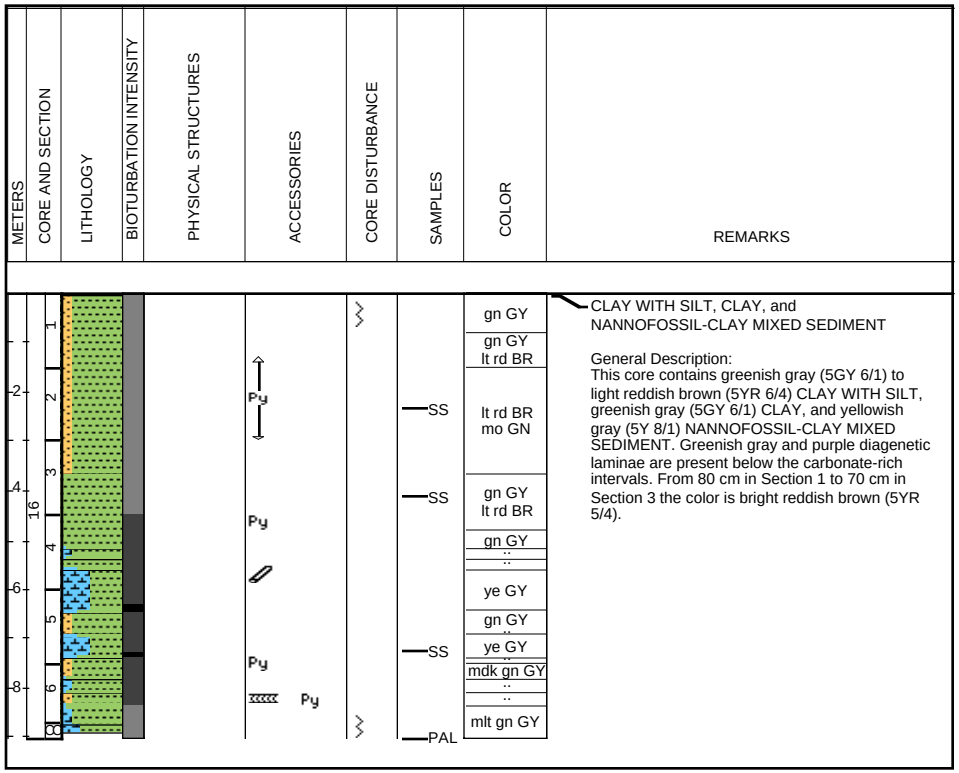
General Description:
This core contains greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS in Sections 5-8. Sections 2 and 3 are predominantly light olive gray (5Y 6/1) to medium-dark greenish gray (5G 5/1) CLAY WITH SILT AND BIOGENIC SILICA, and Sections 1-4 contain CLAY. The basal contacts of the carbonate-rich intervals are defined by a sharp relict diagenetic front, and the upper transition is gradational. Discrete reddish brown intervals are present throughout the core.

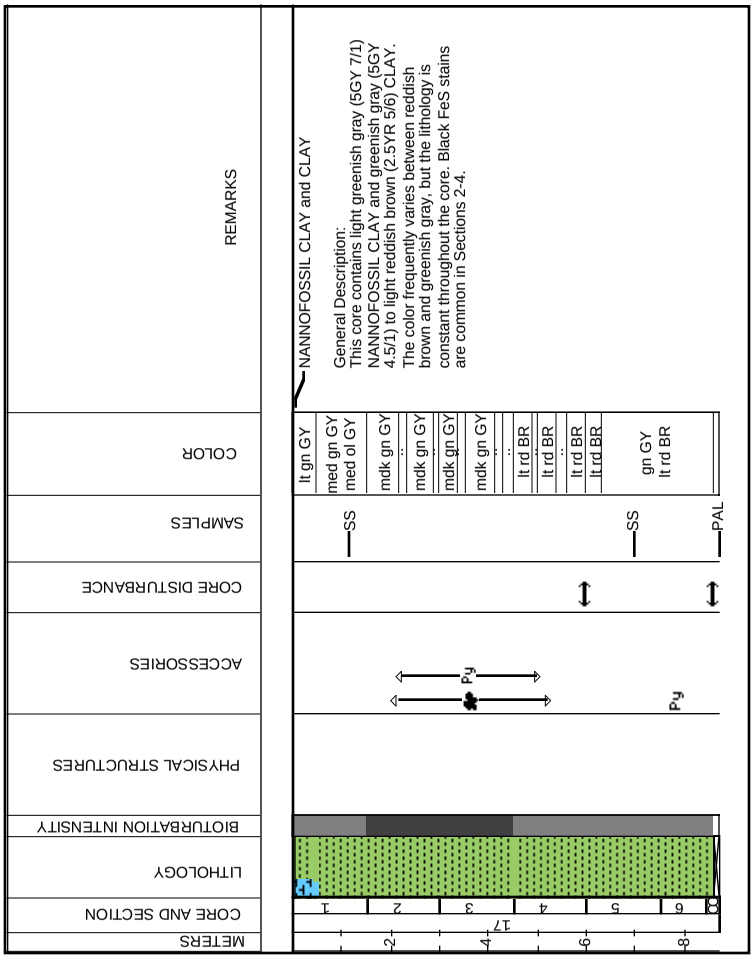
Site 1063 Hole B Core 15H

Cored 131.3-140.8 mbsf



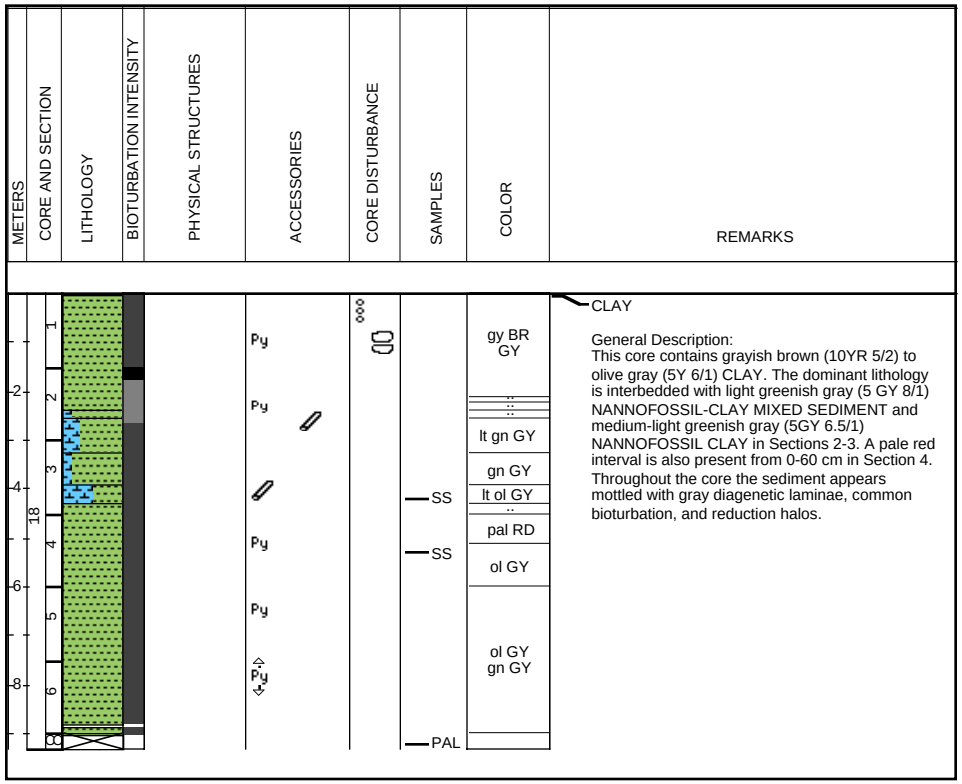
Site 1063 Hole B Core 16H — Cored 140.8-149.8 mbsf

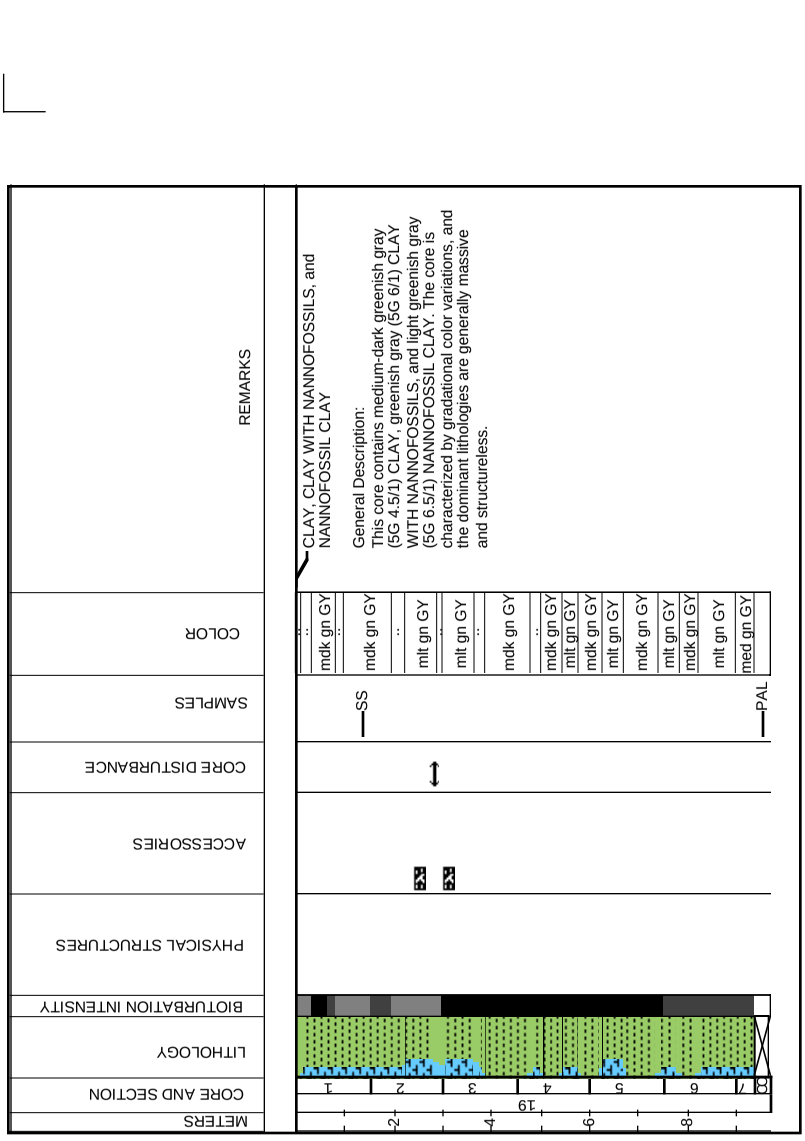



Site 1063 Hole B Core 17H
Cored 149.8-158.5 mbsf
1063B-17H
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
NANNOFOSSIL CLAY and CLAY
General Description:
This core contains light greenish gray (5GY 7/1) NANNOFOSSIL CLAY and greenish gray (5GY 4.5/1) to light reddish brown (2.5YR 5/6) CLAY. The color frequently varies between reddish brown and greenish gray, but the lithology is constant throughout the core. Black FeS stains are common in Sections 2-4.
lt gn GY
med gn GY
med ol GY
mdk gn GY
mdk gn GY
mdk gn GY
mdk gn GY
lt rd BR
lt rd BR
lt rd BR
lt rd BR
gn GY
lt rd BR
SS
SS
PAL
Py
Py
1
2
3
4
5
6
CC
17
2
4
6
8

Site 1063 Hole B Core 18H

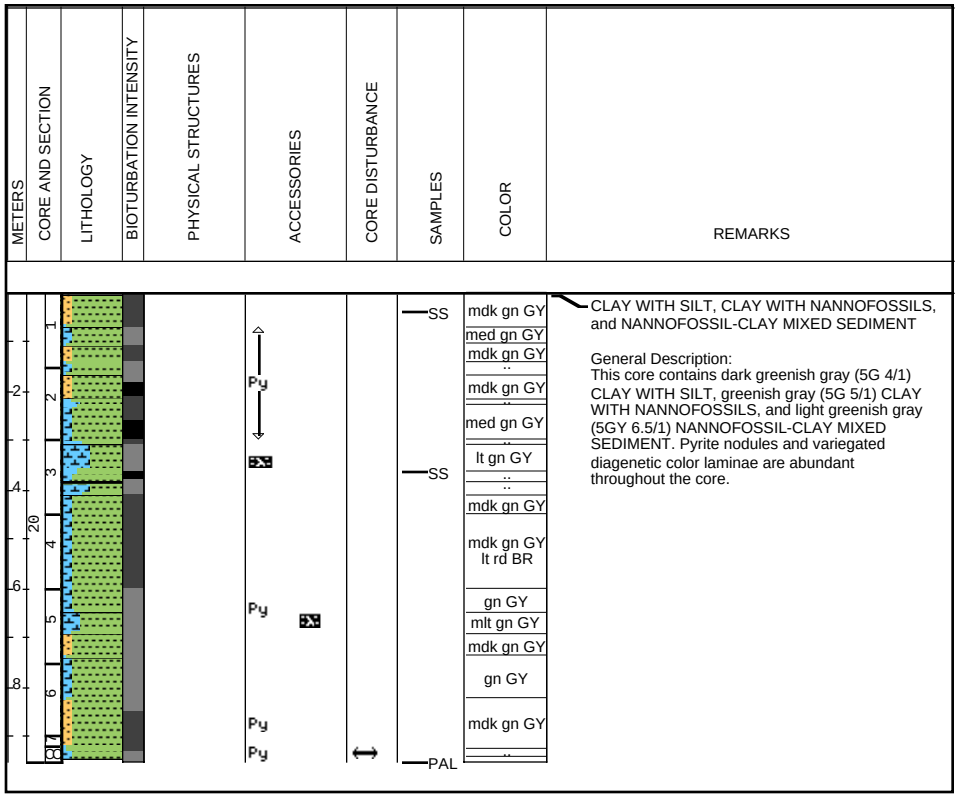
Cored 158.5-167.8 mbsf



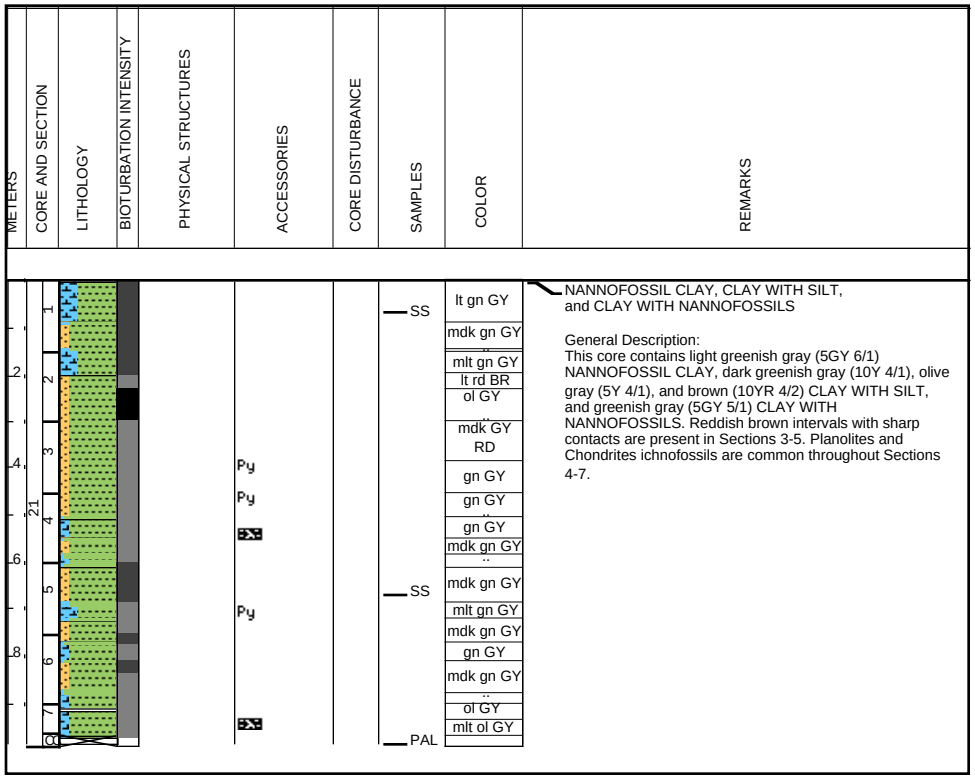

Site 1063 Hole B Core 19H
Cored 167.8-177.3 mbsf
1063B-19H
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY; CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY
General Description:
This core contains medium-dark greenish gray (5G 4.5/1) CLAY, greenish gray (5G 6/1) CLAY WITH NANNOFOSSILS, and light greenish gray (5G 6.5/1) NANNOFOSSIL CLAY. The core is characterized by gradational color variations, and the dominant lithologies are generally massive and structureless.
SS
PAL
mdk gn GY
mlt gn GY
med gn GY
1
2
3
4
5
6
7
CC
19
2
4
6
8

Site 1063 Hole B Core 20H

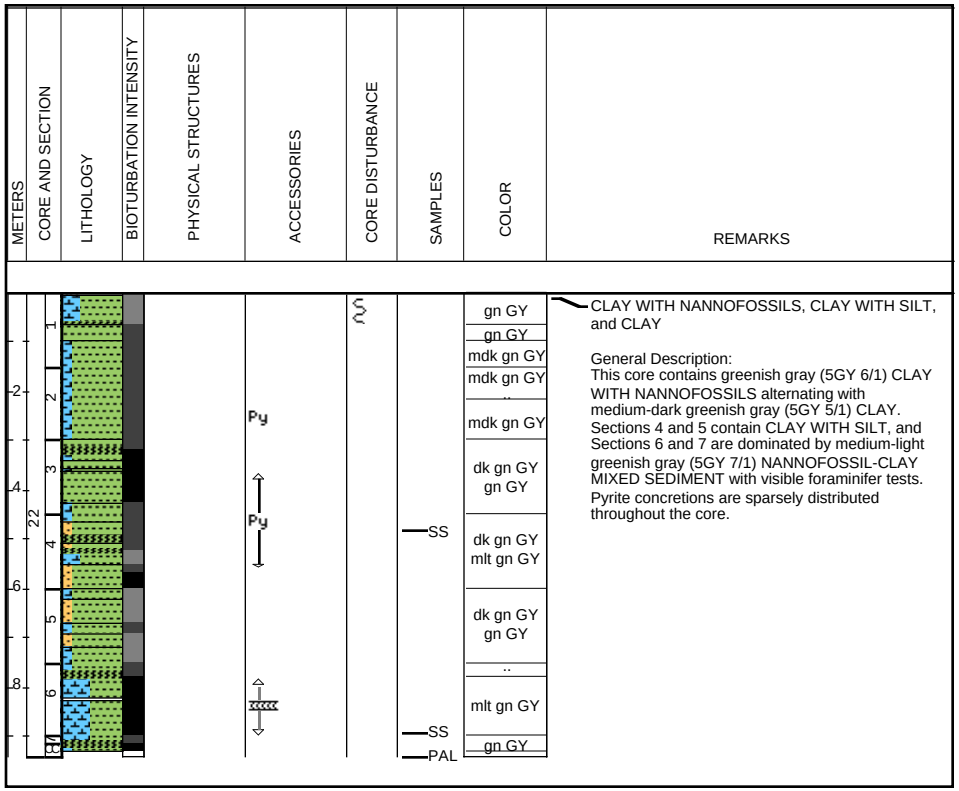
Cored 177.3-186.8 mbsf



Site 1063 Hole B Core 21H — Cored 186.8-196.3 mbsf



Site 1063 Hole B Core 22H — Cored 196.3-205.8 mbsf

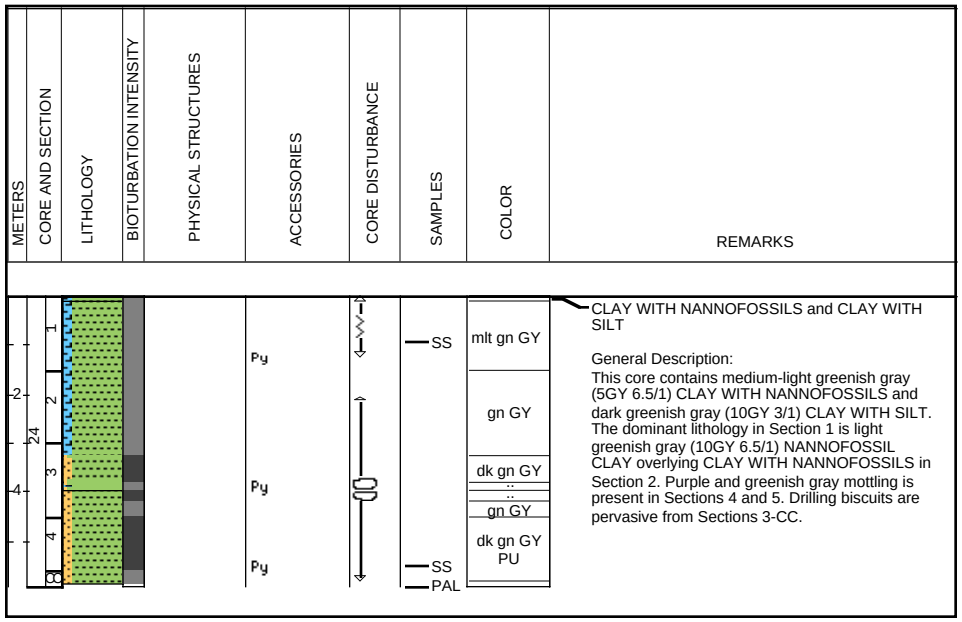


Site 1063 Hole B Core 23H

Cored 205.8-213.8 mbsf

1063B-23H

Site 1063 Hole B Core 24X **Cored 213.8-217.8 mbsf**



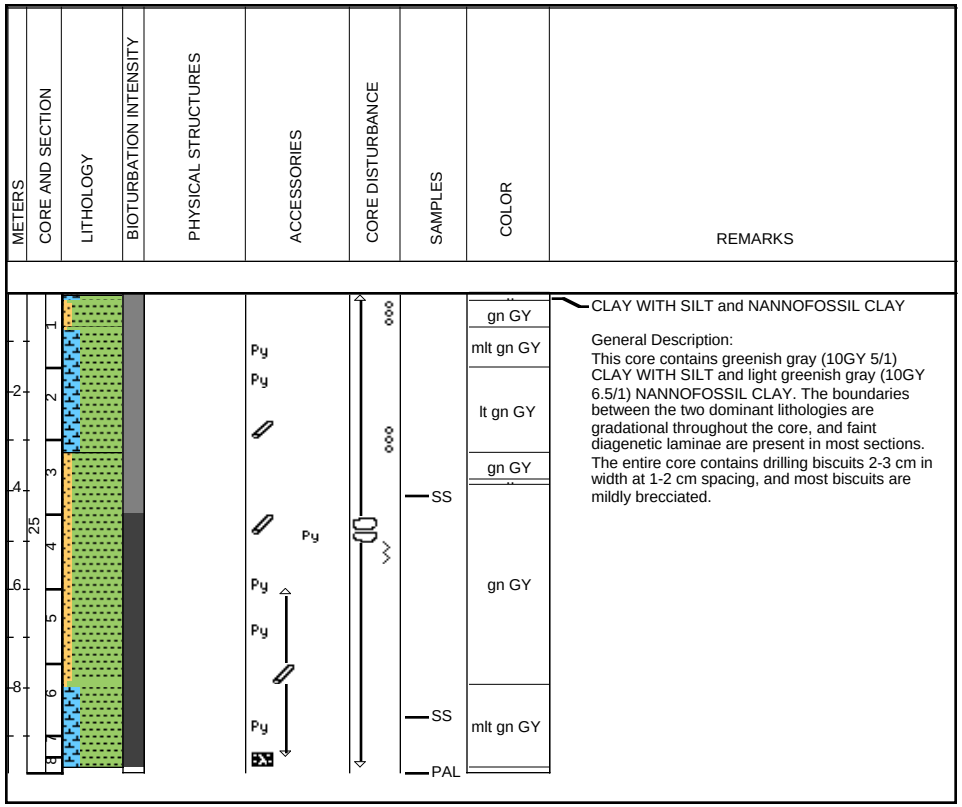
CLAY WITH NANNOFOSSILS and CLAY WITH SILT

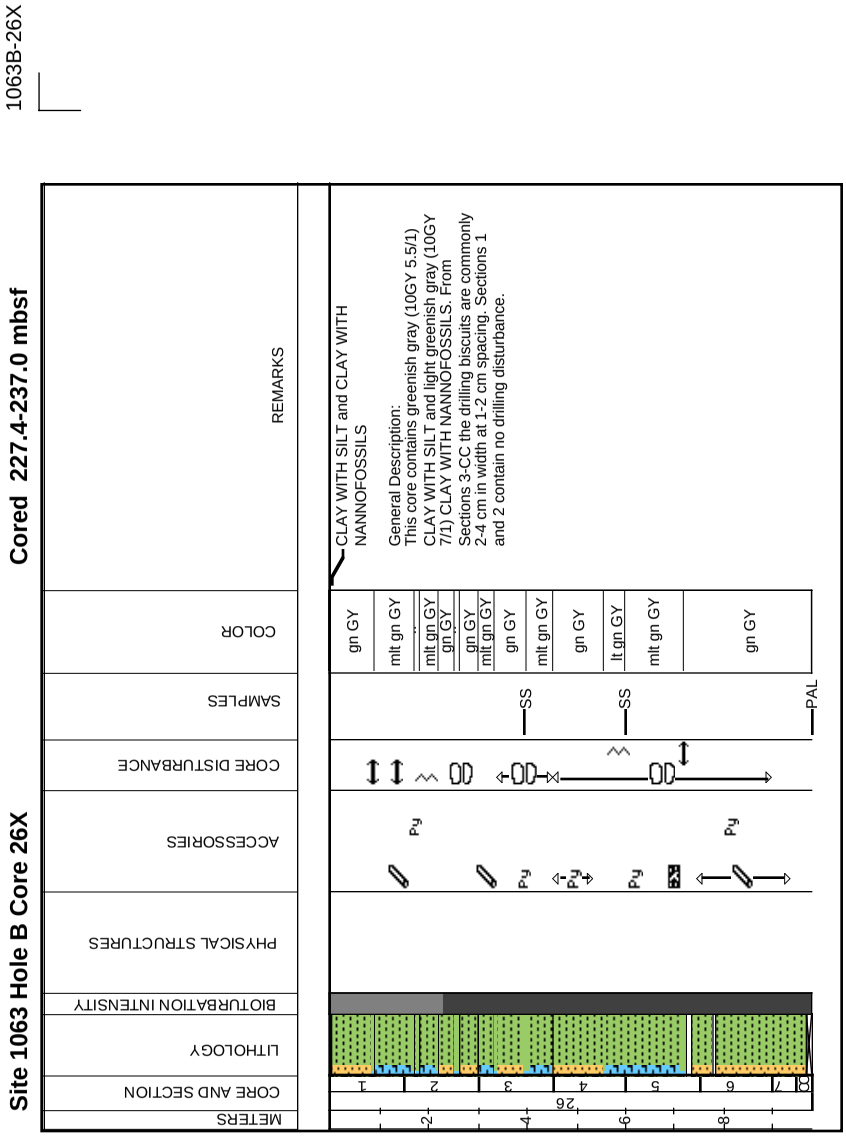
General Description:

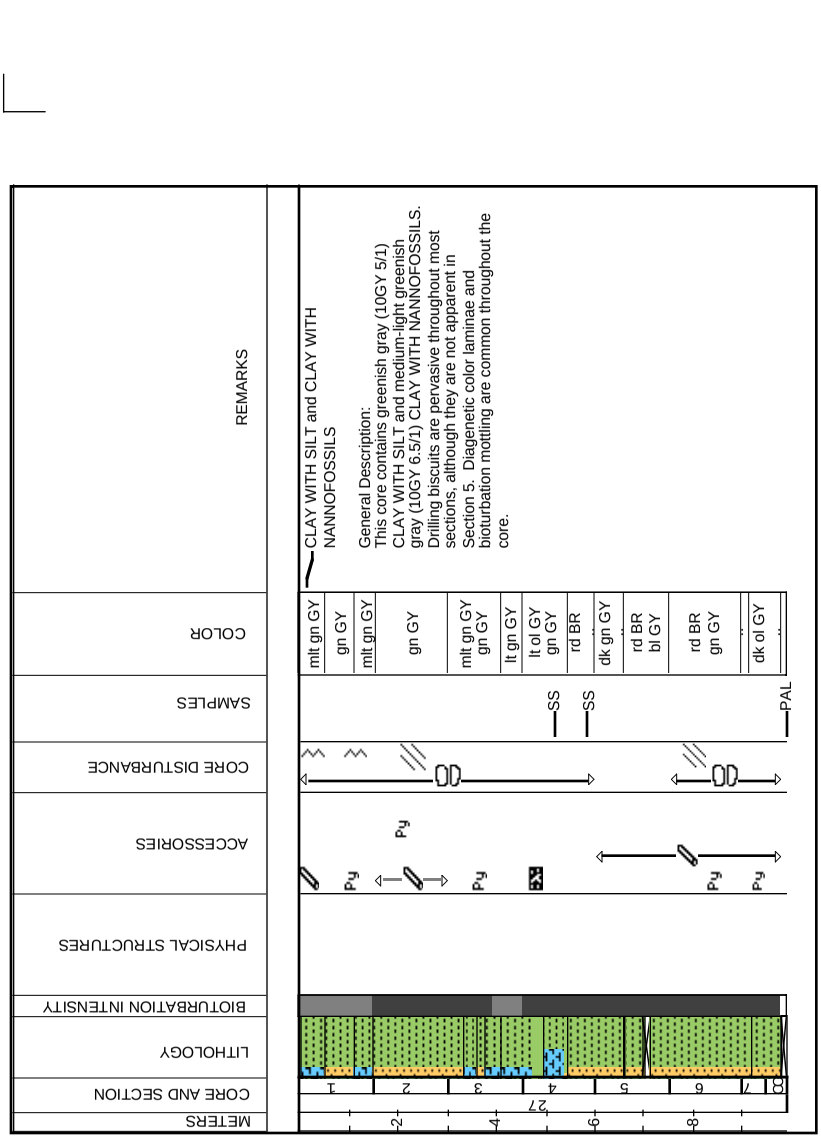
This core contains medium-light greenish gray (5GY 6.5/1) CLAY WITH NANNOFOSSILS and dark greenish gray (10GY 3/1) CLAY WITH SILT. The dominant lithology in Section 1 is light greenish gray (10GY 6.5/1) NANNOFOSSIL CLAY overlying CLAY WITH NANNOFOSSILS in Section 2. Purple and greenish gray mottling is present in Sections 4 and 5. Drilling biscuits are pervasive from Sections 3-CC.

Site 1063 Hole B Core 25X

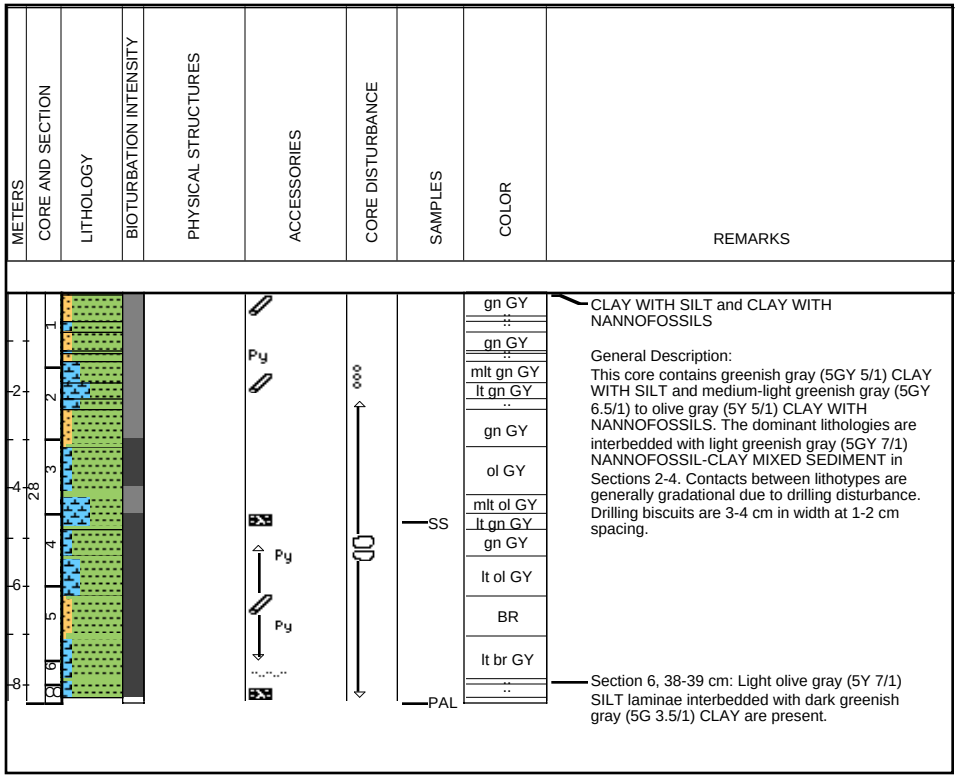
CORED 217.8-227.4 mbsf



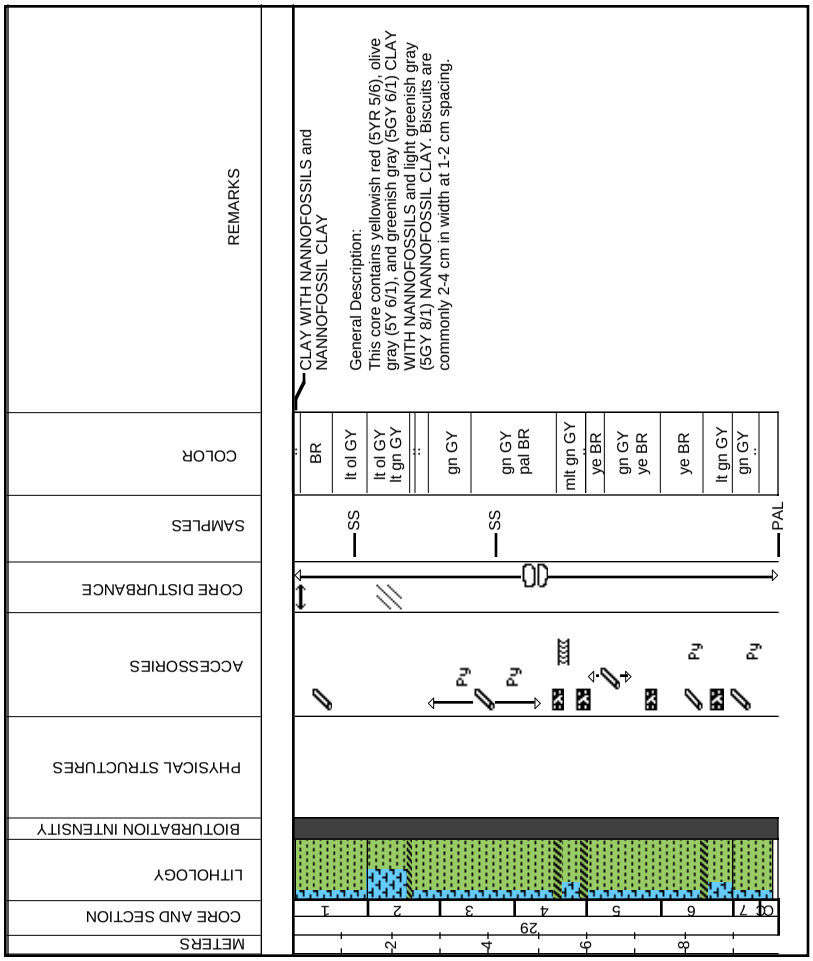

1063B-26X
Site 1063 Hole B Core 26X
Cored 227.4-237.0 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH SILT and CLAY WITH NANNOFOSSILS
General Description:
This core contains greenish gray (10GY 5.5/1) CLAY WITH SILT and light greenish gray (10GY 7/1) CLAY WITH NANNOFOSSILS. From Sections 3-CC the drilling biscuits are commonly 2-4 cm in width at 1-2 cm spacing. Sections 1 and 2 contain no drilling disturbance.
gn GY
mlt gn GY
mlt gn GY
gn GY
gn GY
mlt gn GY
gn GY
mlt gn GY
gn GY
lt gn GY
mlt gn GY
gn GY
SS
SS
PAL
Py
Py
Py
Py
Py
1
2
3
4
5
6
7
CC
26
2
4
6
8

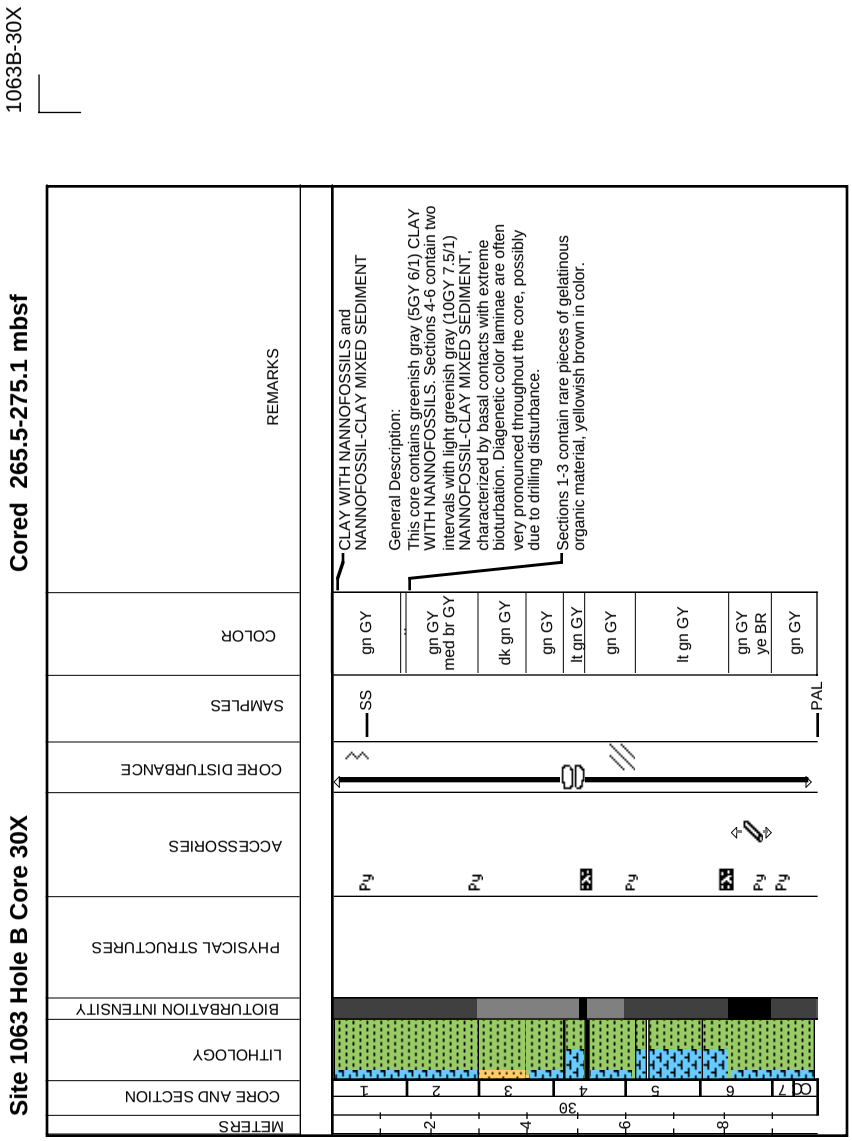

1063B-27X
Site 1063 Hole B Core 27X
Cored 237.0-246.6 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH SILT and CLAY WITH NANNOFOSSILS
General Description:
This core contains greenish gray (10GY 5/1) CLAY WITH SILT and medium-light greenish gray (10GY 6.5/1) CLAY WITH NANNOFOSSILS. Drilling biscuits are pervasive throughout most sections, although they are not apparent in Section 5. Diagenetic color laminae and bioturbation mottling are common throughout the core.
mlt gn GY
gn GY
mlt gn GY
gn GY
mlt gn GY
gn GY
lt gn GY
lt ol GY
gn GY
rd BR
dk gn GY
rd BR
bl GY
rd BR
gn GY
dk ol GY
SS
SS
PAL
Py
27
1
2
3
4
5
6
7
CC
2
4
6
8

Site 1063 Hole B Core 28X Cored 246.6-255.8 mbsf



1063B-29X


Site 1063 Hole B Core 29X
Cored 255.8-265.5 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH NANNOFOSSILS and NANNOFOSSIL CLAY
General Description:
This core contains yellowish red (5YR 5/6), olive gray (5Y 6/1), and greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS and light greenish gray (5GY 8/1) NANNOFOSSIL CLAY. Biscuits are commonly 2-4 cm in width at 1-2 cm spacing.
BR
lt ol GY
lt ol GY
lt gn GY
gn GY
gn GY
pal BR
mlt gn GY
ye BR
gn GY
ye BR
ye BR
lt gn GY
gn GY
SS
SS
PAL
Py
Py
Py
Py
29
1
2
3
4
5
6
7
CC
2
4
6
8


1063B-30X
Site 1063 Hole B Core 30X
Cored 265.5-275.1 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
SS
PAL
gn GY
gn GY med br GY
dk gn GY
gn GY
lt gn GY
gn GY
lt gn GY
gn GY ye BR
gn GY
CLAY WITH NANNOFOSSILS and NANNOFOSSIL-CLAY MIXED SEDIMENT
General Description:
This core contains greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS. Sections 4-6 contain two intervals with light greenish gray (10GY 7.5/1) NANNOFOSSIL-CLAY MIXED SEDIMENT, characterized by basal contacts with extreme bioturbation. Diagenetic color laminae are often very pronounced throughout the core, possibly due to drilling disturbance.
Sections 1-3 contain rare pieces of gelatinous organic material, yellowish brown in color.

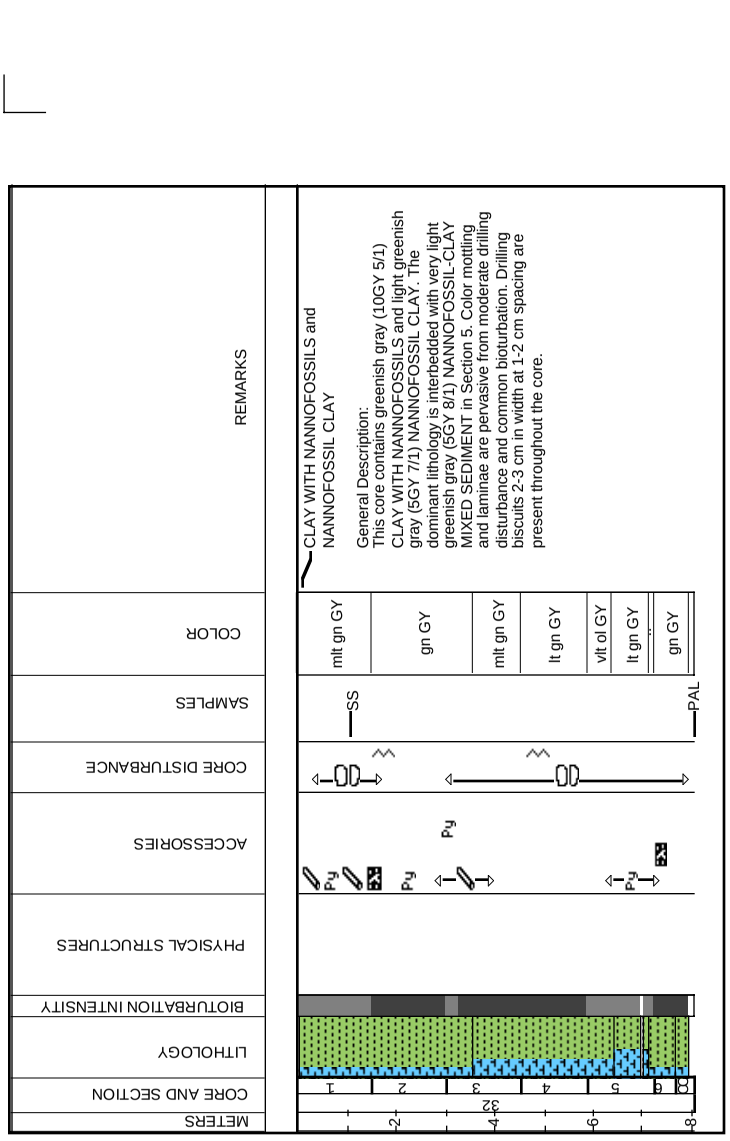
Site 1063 Hole B Core 31X

Cored 275.1-284.7 mbsf

1063B-31X

CLAY WITH NANNOFOSSILS AND SILT, CLAY WITH NANNOFOSSILS, NANNOFOSSIL CLAY, and CLAY

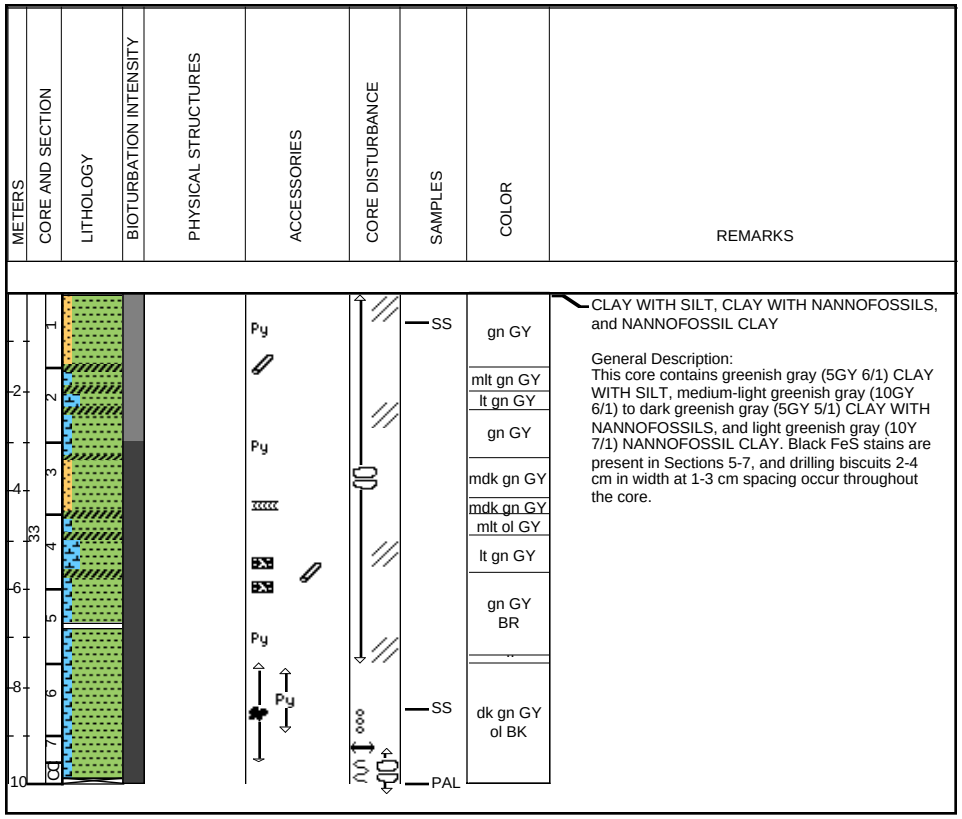
General Description:
This core contains greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS AND SILT, greenish gray (5GY 6/1-2) CLAY WITH NANNOFOSSILS, light greenish gray (5GY 7/1) NANNOFOSSIL CLAY, and greenish gray (10GY 5/1) CLAY. Drilling biscuits 2-4 cm in width at 1-2 cm spacing are pervasive throughout the core.


Site 1063 Hole B Core 32X
Cored 284.7-294.4 mbsf
1063B-32X
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH NANNOFOSSILS and NANNOFOSSIL CLAY
General Description:
This core contains greenish gray (10GY 5/1) CLAY WITH NANNOFOSSILS and light greenish gray (5GY 7/1) NANNOFOSSIL CLAY. The dominant lithology is interbedded with very light greenish gray (5GY 8/1) NANNOFOSSIL-CLAY MIXED SEDIMENT in Section 5. Color mottling and laminae are pervasive from moderate drilling disturbance and common bioturbation. Drilling biscuits 2-3 cm in width at 1-2 cm spacing are present throughout the core.
SS
PAL
mlt gn GY
gn GY
mlt gn GY
lt gn GY
vlt ol GY
lt gn GY
gn GY
Py
32
1
2
3
4
5
6
CC
2
4
6
8

Site 1063 Hole B Core 33X

Cored 294.4-304.0 mbsf

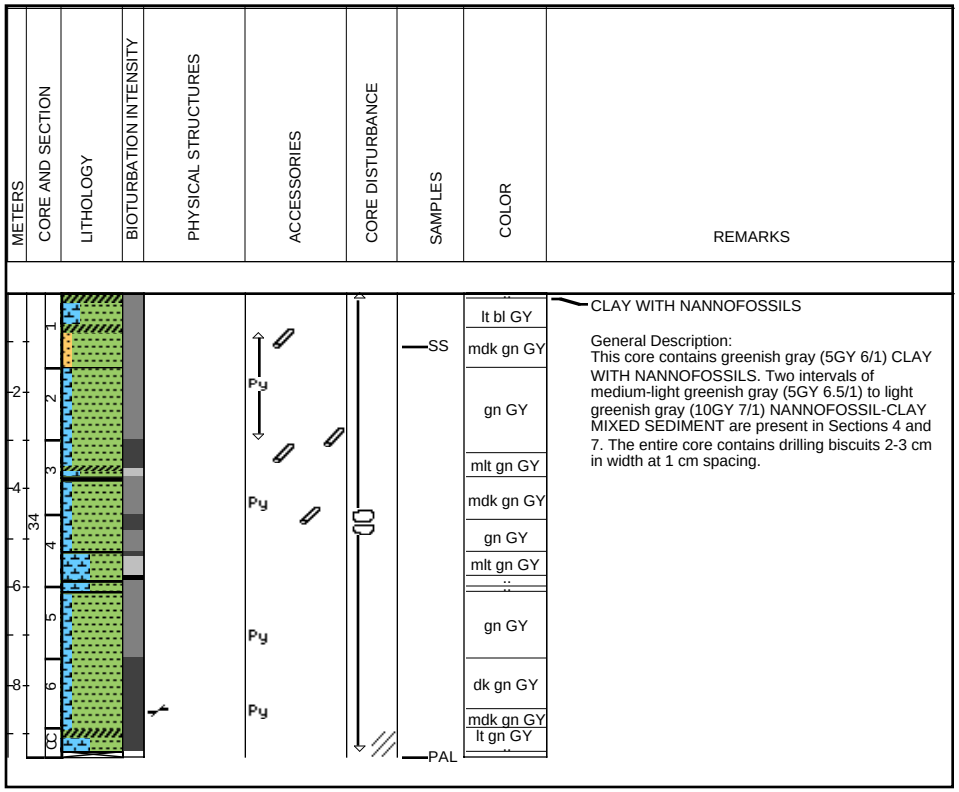
1063B-33X



CLAY WITH SILT, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY

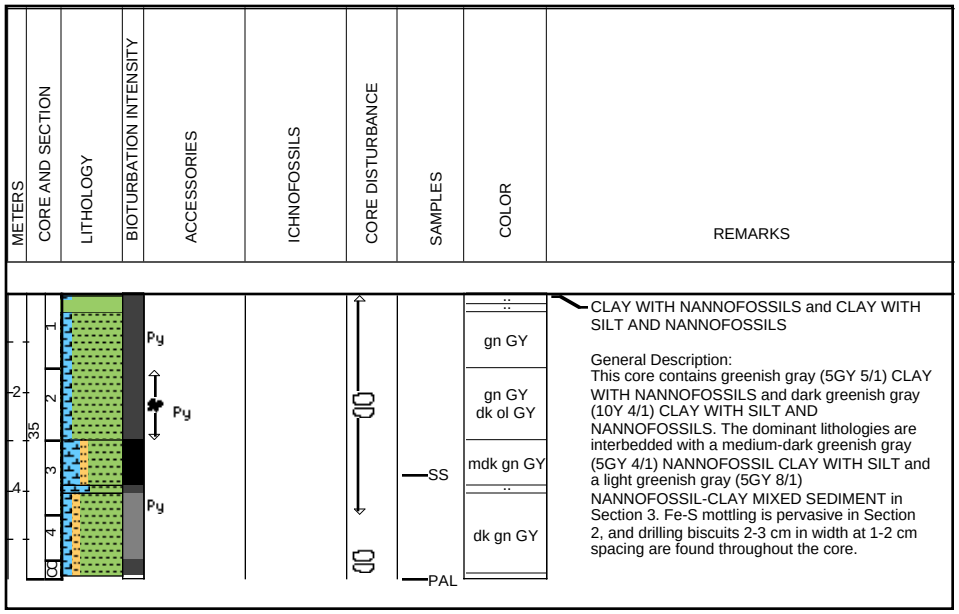
General Description:
This core contains greenish gray (5GY 6/1) CLAY WITH SILT, medium-light greenish gray (10GY 6/1) to dark greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS, and light greenish gray (10Y 7/1) NANNOFOSSIL CLAY. Black FeS stains are present in Sections 5-7, and drilling biscuits 2-4 cm in width at 1-3 cm spacing occur throughout the core.

Site 1063 Hole B Core 34X **Cored 304.0-313.6 mbsf**



Site 1063 Hole B Core 35X

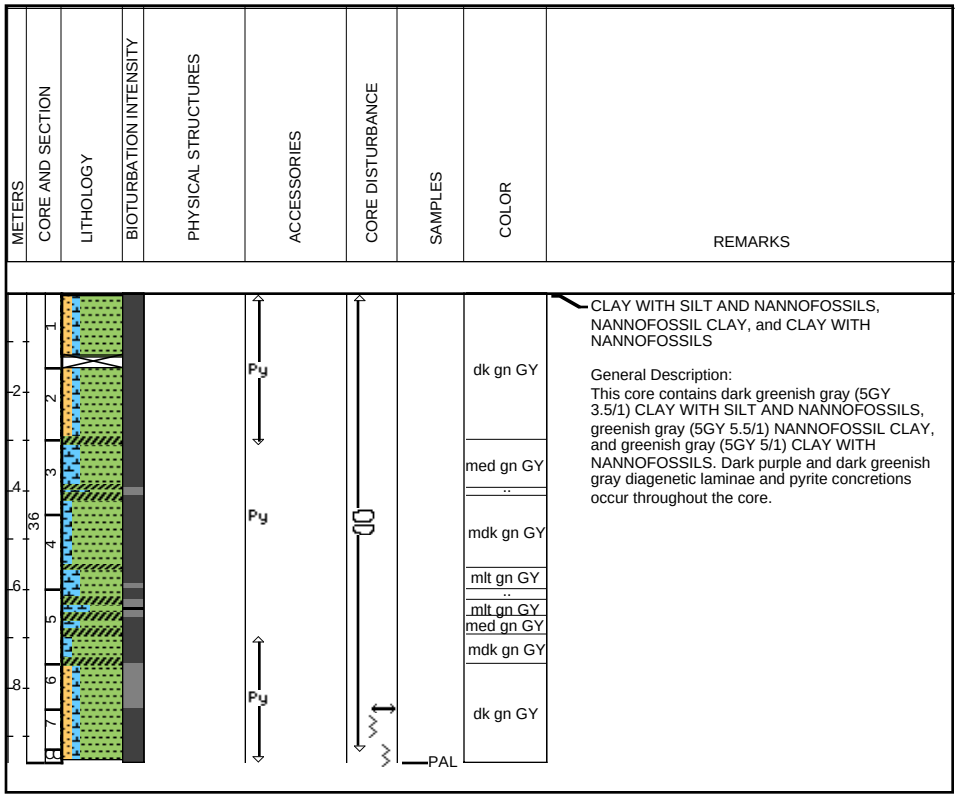
Cored 313.6-323.1 mbsf



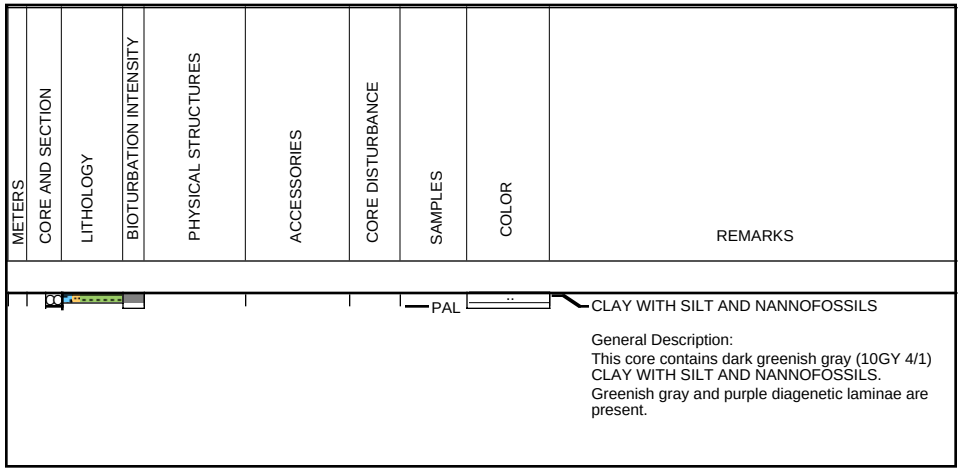
CLAY WITH NANNOFOSSILS and CLAY WITH SILT AND NANNOFOSSILS

General Description:
This core contains greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS and dark greenish gray (10Y 4/1) CLAY WITH SILT AND NANNOFOSSILS. The dominant lithologies are interbedded with a medium-dark greenish gray (5GY 4/1) NANNOFOSSIL CLAY WITH SILT and a light greenish gray (5GY 8/1) NANNOFOSSIL-CLAY MIXED SEDIMENT in Section 3. Fe-S mottling is pervasive in Section 2, and drilling biscuits 2-3 cm in width at 1-2 cm spacing are found throughout the core.

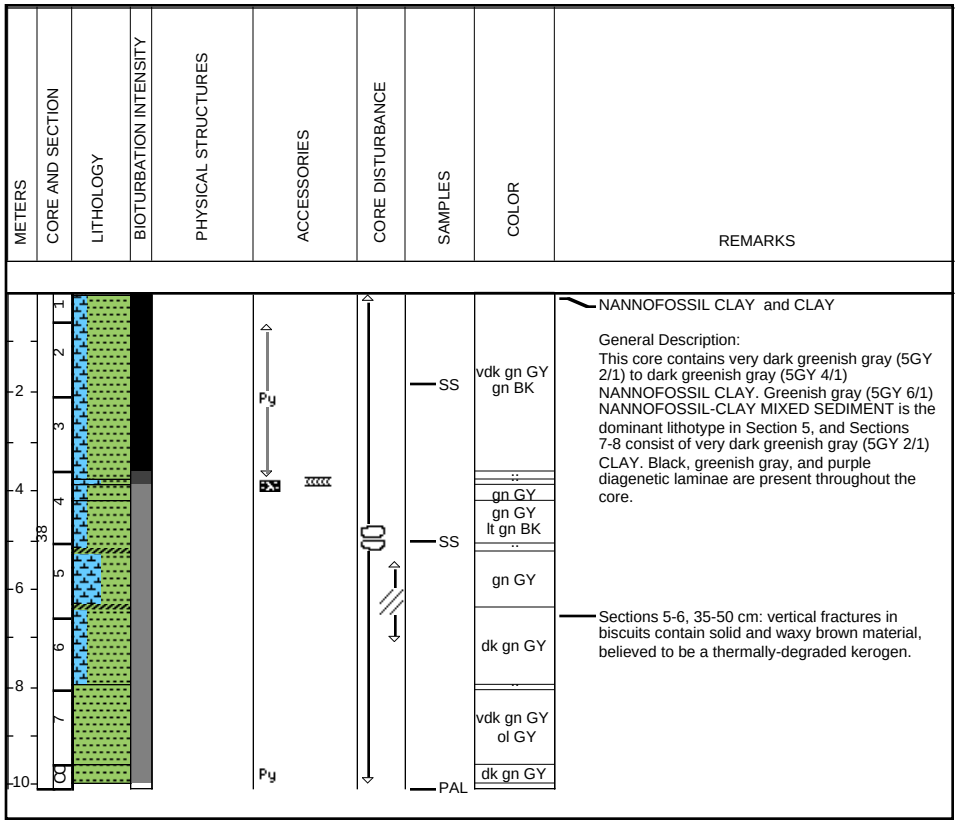
Site 1063 Hole B Core 36X **Cored 323.1-332.7 mbsf**



Site 1063 Hole B Core 37X **Cored 332.7-342.0 mbsf**



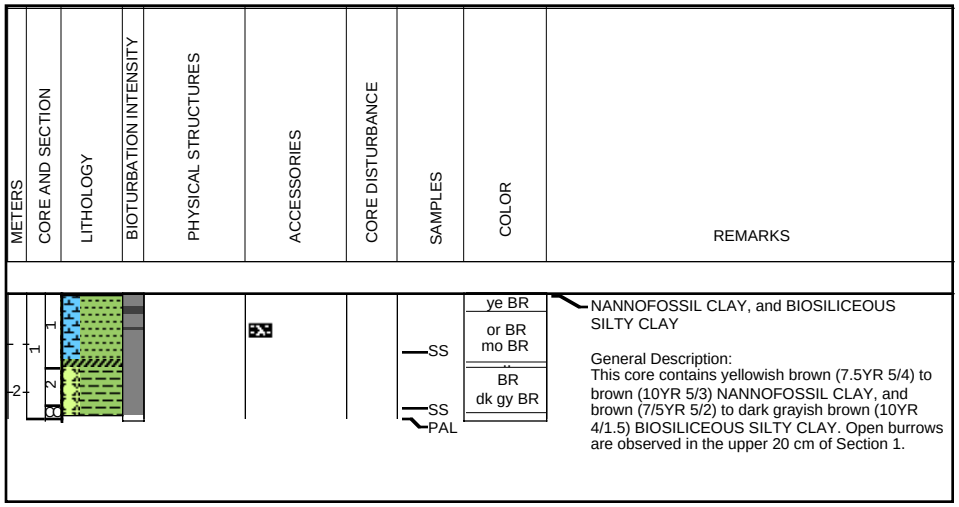
Site 1063 Hole B Core 38X — Cored 342.0-351.6 mbsf



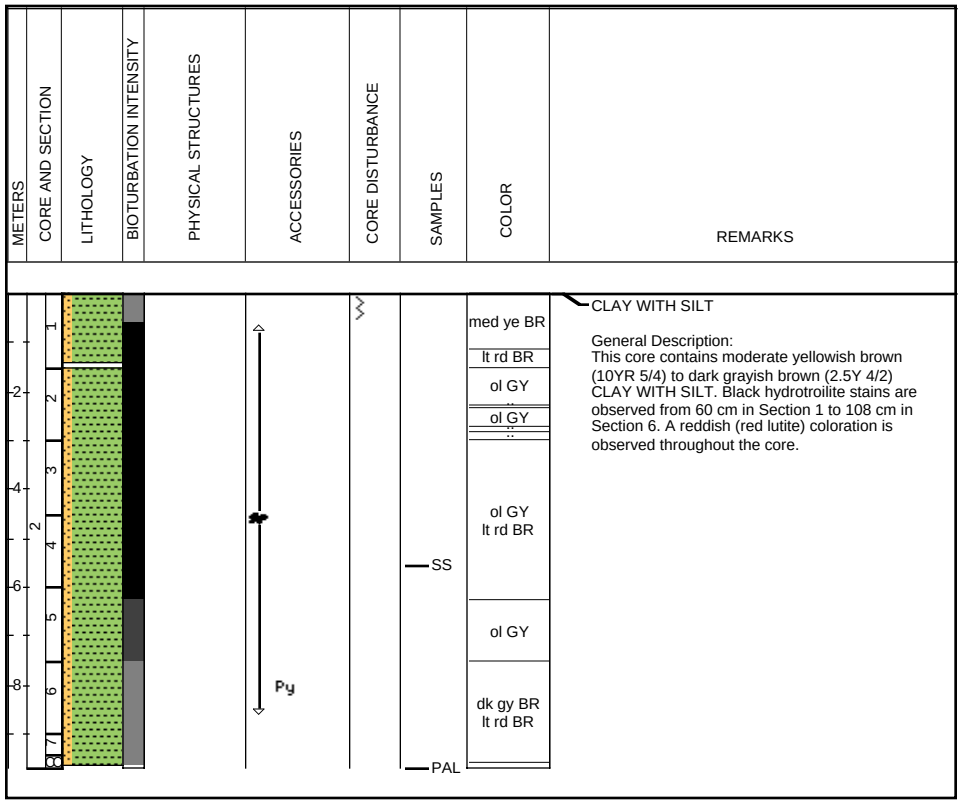
Site 1063 Hole C Core 1H

Cored 0.0-2.5 mbsf

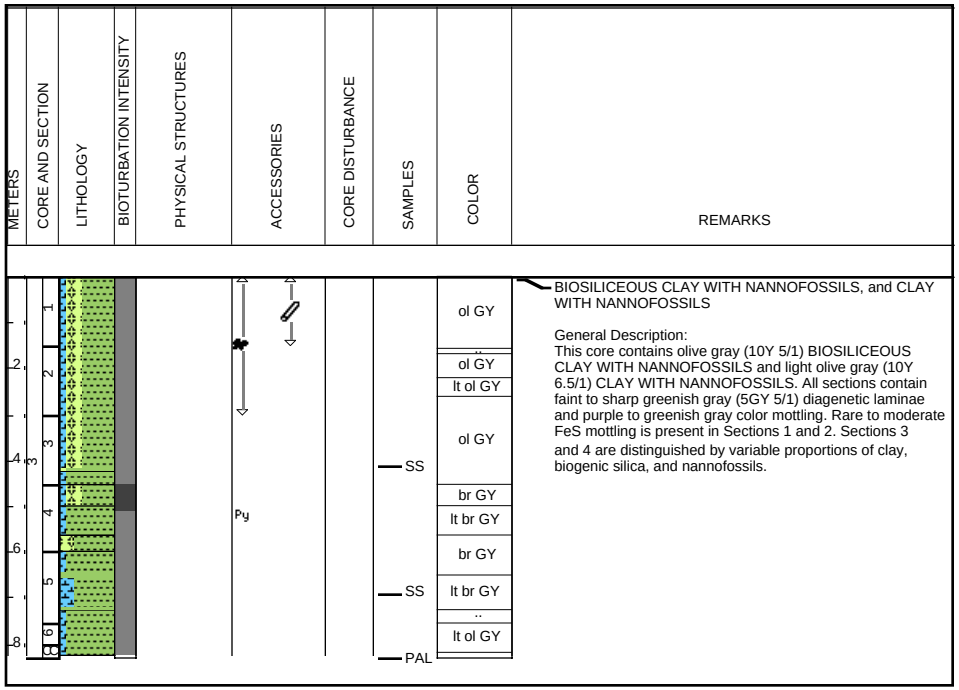
1063C-1H



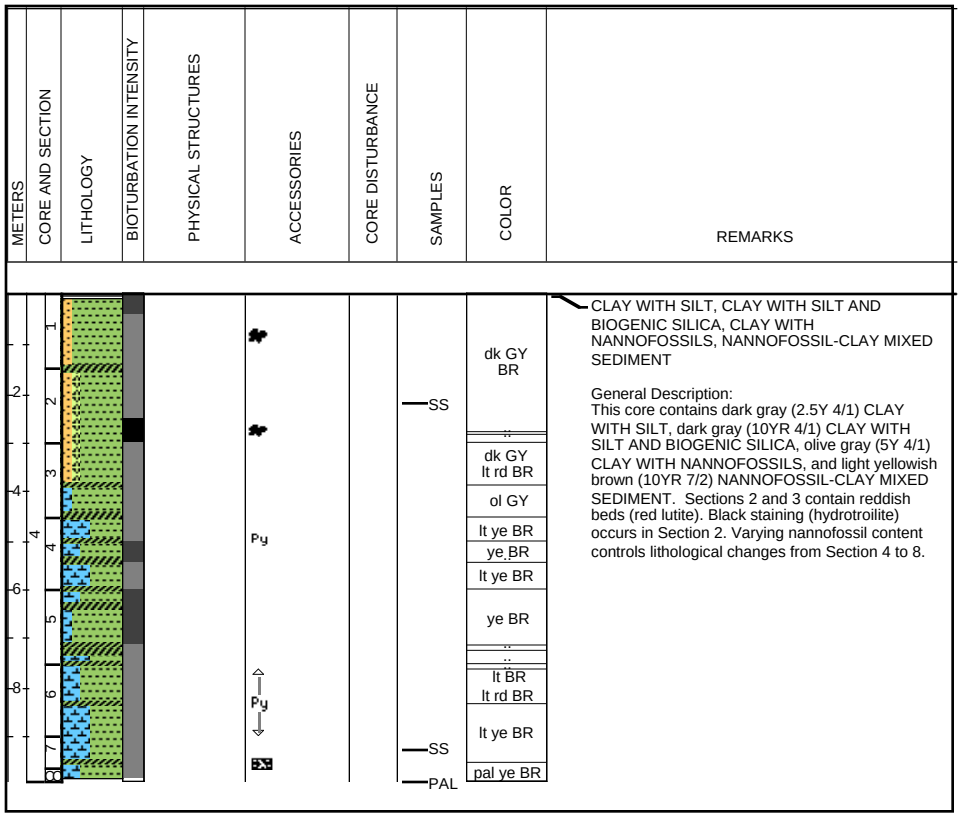
Site 1063 Hole C Core 2H **Cored 2.5-12.0 mbsf**



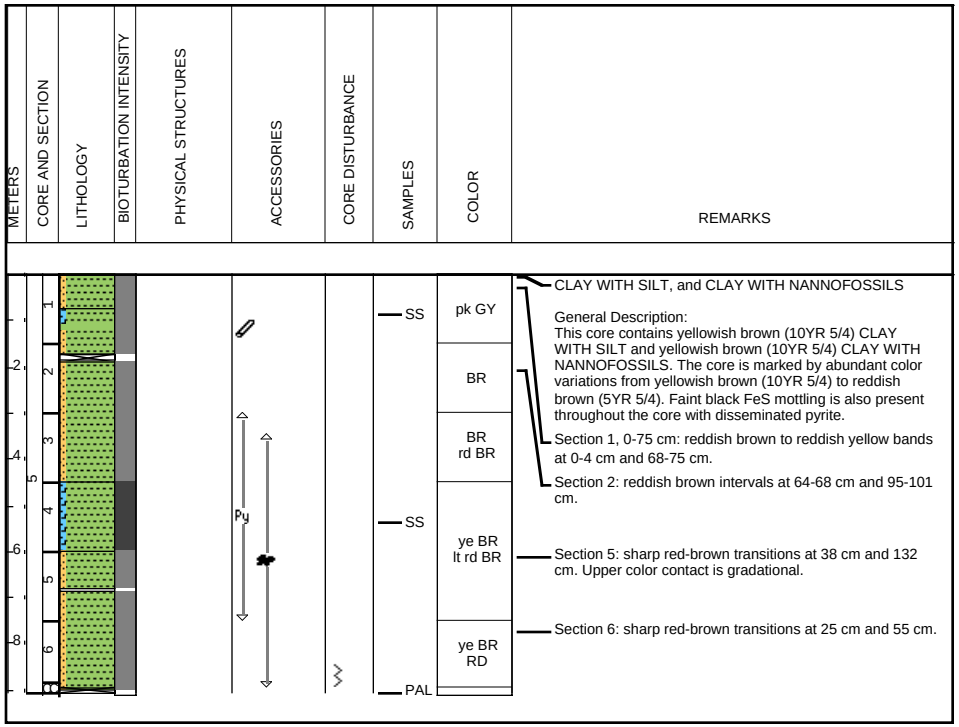
Site 1063 Hole C Core 3H **Cored 12.0-21.5 mbsf**



Site 1063 Hole C Core 4H — Cored 21.5-31.0 mbsf

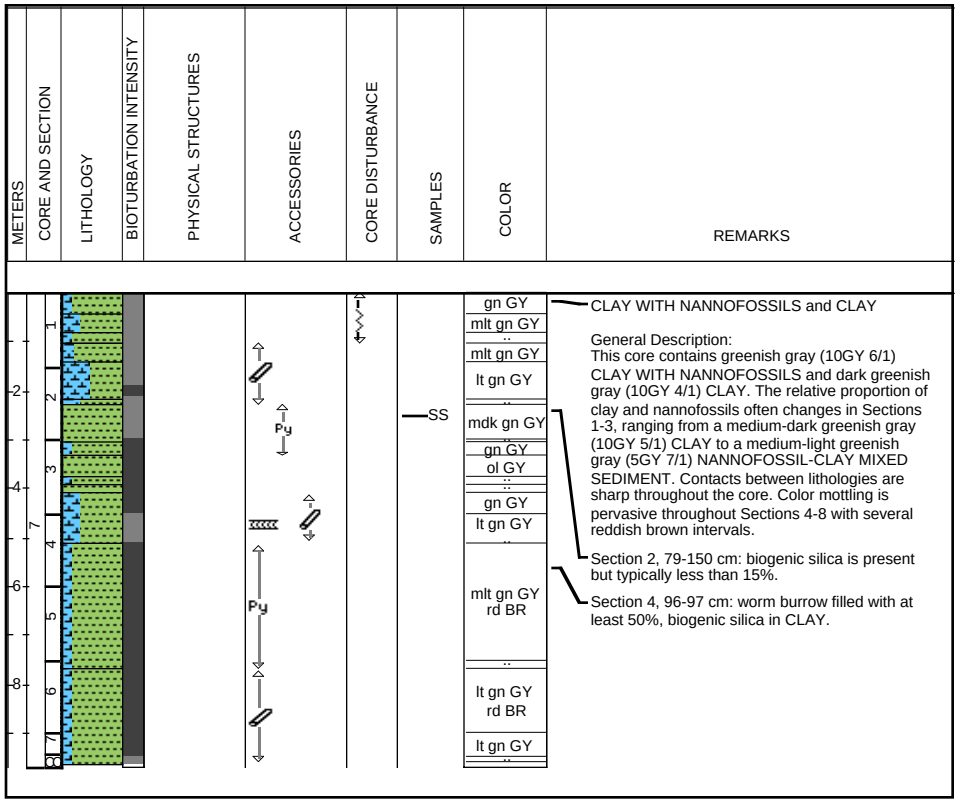


Site 1063 Hole C Core 5H **Cored 31.0-40.5 mbsf**



1063C-6H NO RECOVERY

Site 1063 Hole C Core 7H — Cored 50.0-59.5 mbsf

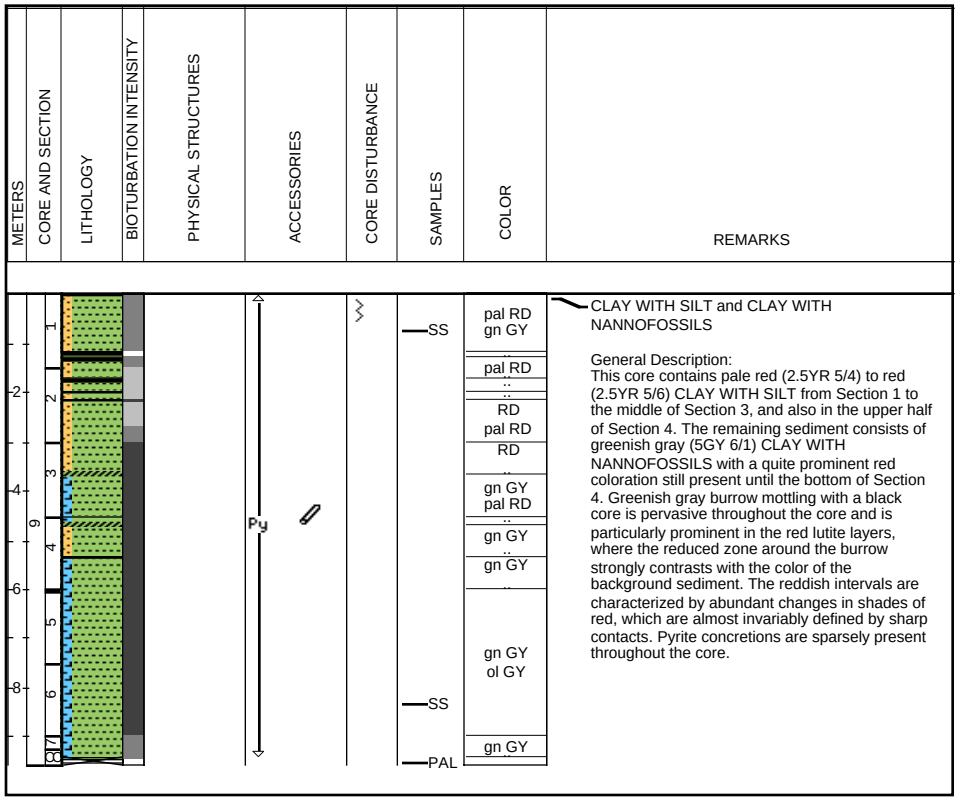


Site 1063 Hole C Core 8H

Cored 59.5-69.0 mbsf

1063C-8H

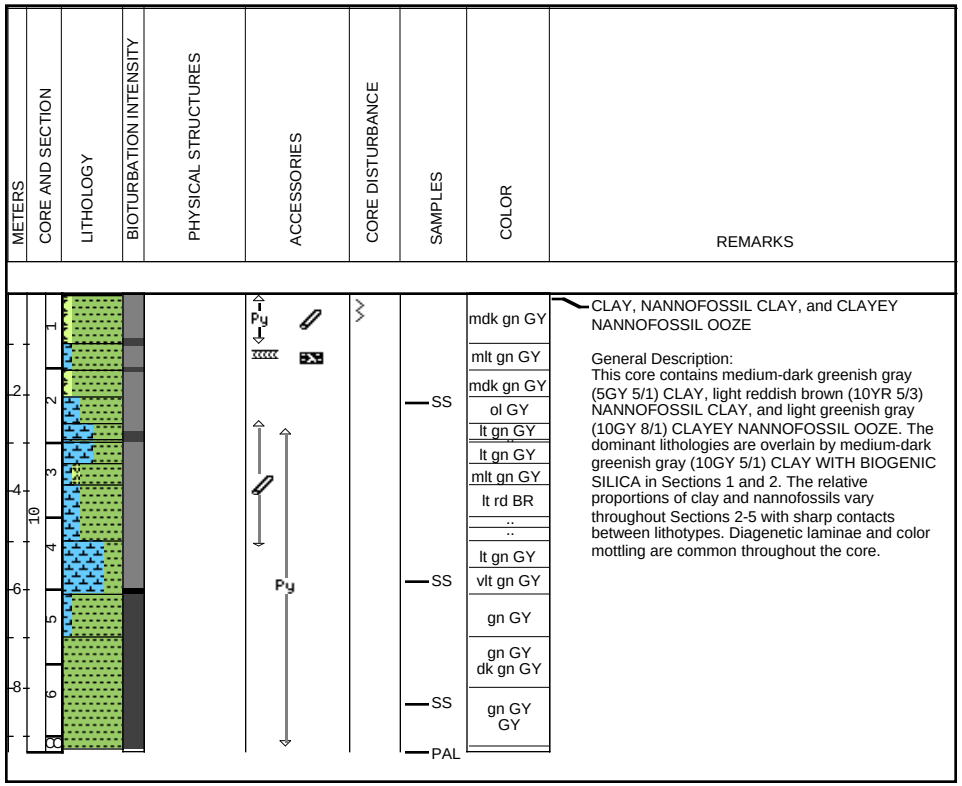
Site 1063 Hole C Core 9H — Cored 69.0-78.5 mbsf



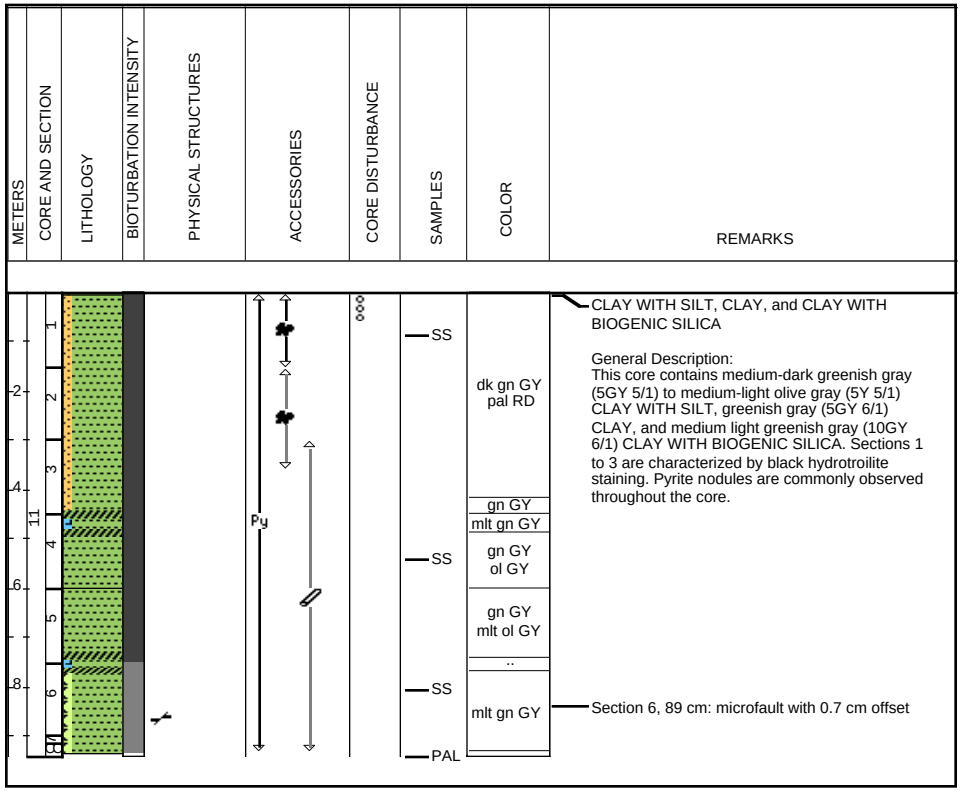
Site 1063 Hole C Core 10H

Cored 78.5-88.0 mbsf

1063C-10H



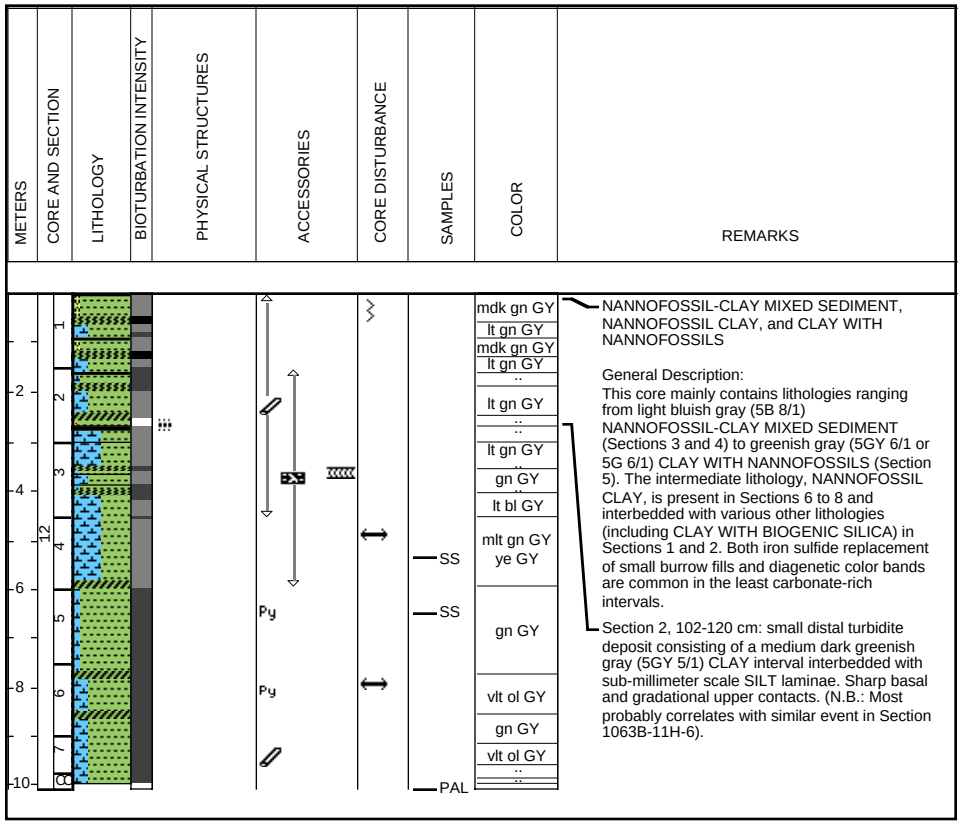
Site 1063 Hole C Core 11H — Cored 88.0-97.5 mbsf



Site 1063 Hole C Core 12H

Cored 97.5-107.0 mbsf

1063C-12H

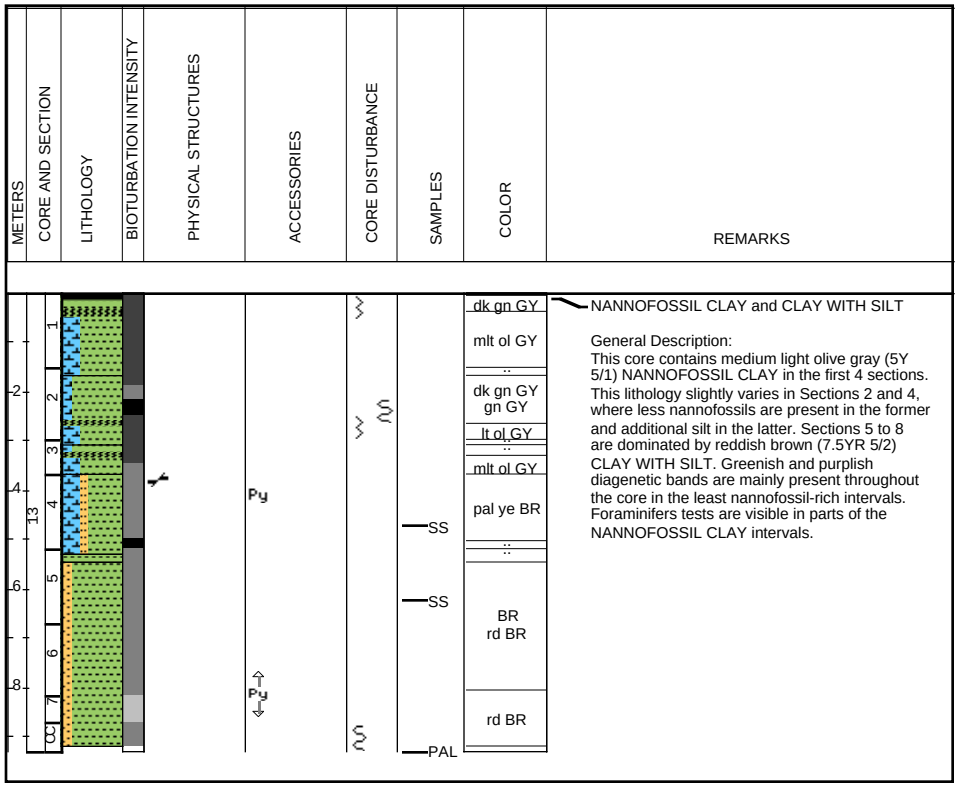


NANNOFOSSIL-CLAY MIXED SEDIMENT, NANNOFOSSIL CLAY, and CLAY WITH NANNOFOSSILS

General Description:
This core mainly contains lithologies ranging from light bluish gray (5B 8/1) NANNOFOSSIL-CLAY MIXED SEDIMENT (Sections 3 and 4) to greenish gray (5GY 6/1 or 5G 6/1) CLAY WITH NANNOFOSSILS (Section 5). The intermediate lithology, NANNOFOSSIL CLAY, is present in Sections 6 to 8 and interbedded with various other lithologies (including CLAY WITH BIOGENIC SILICA) in Sections 1 and 2. Both iron sulfide replacement of small burrow fills and diagenetic color bands are common in the least carbonate-rich intervals.

Section 2, 102-120 cm: small distal turbidite deposit consisting of a medium dark greenish gray (5GY 5/1) CLAY interval interbedded with sub-millimeter scale SILT laminae. Sharp basal and gradational upper contacts. (N.B.: Most probably correlates with similar event in Section 1063B-11H-6).

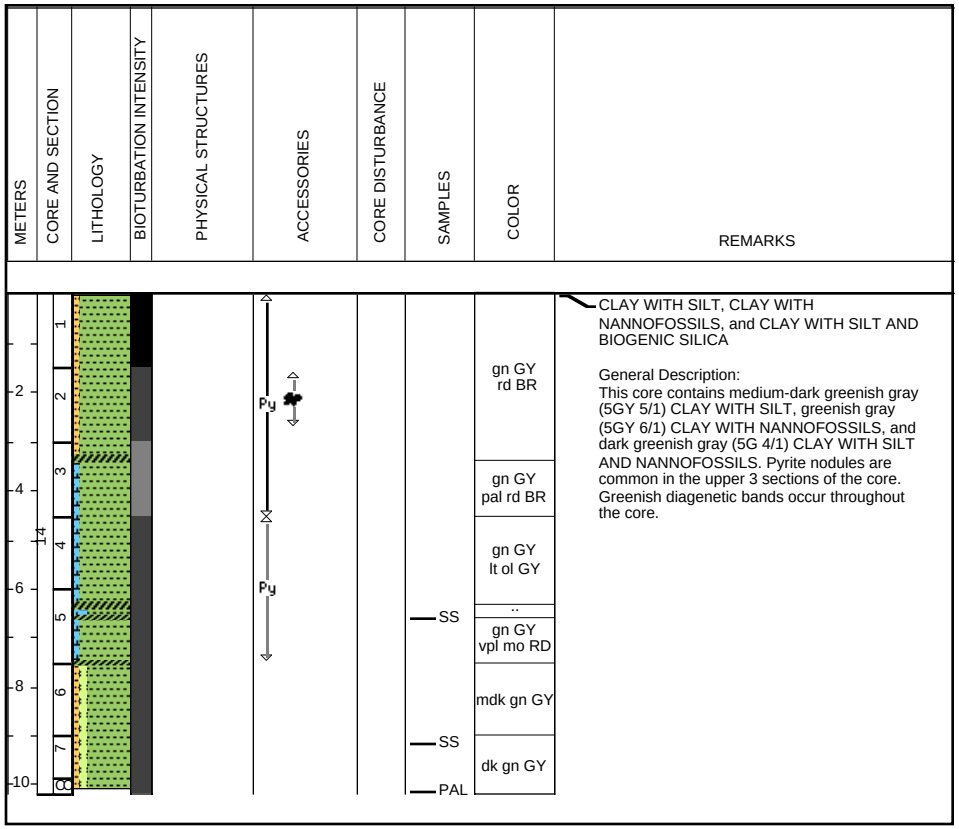
Site 1063 Hole C Core 13H — Cored 107.0-116.5 mbsf



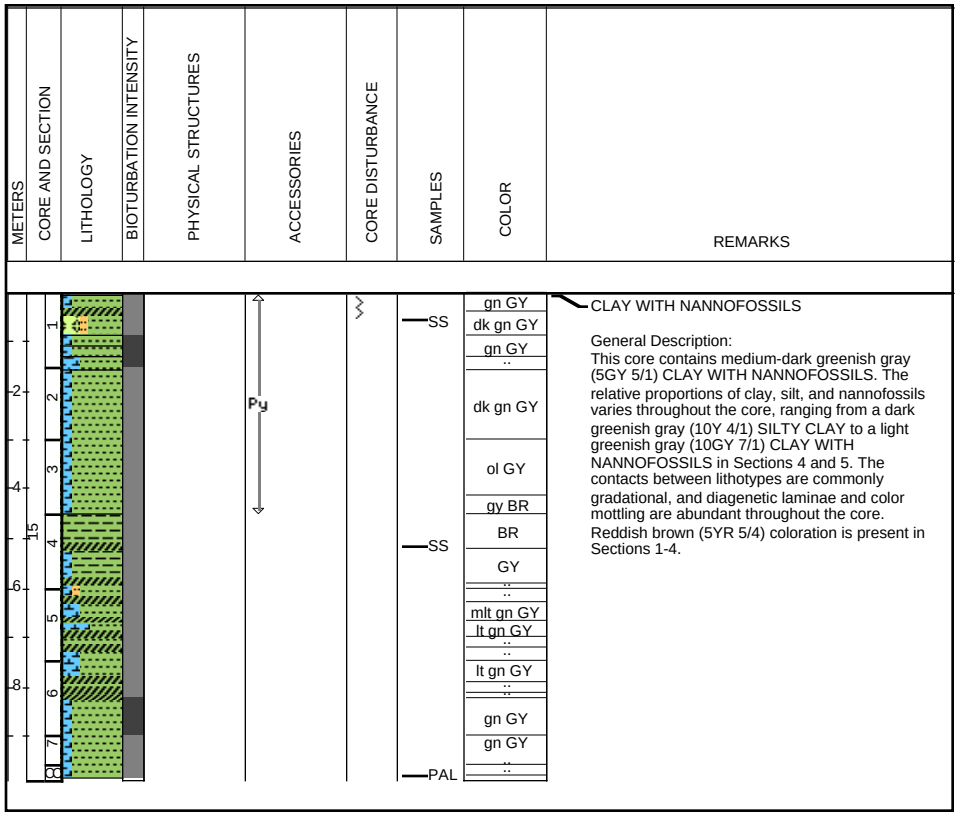
Site 1063 Hole C Core 14H

Cored 116.5-126.0 mbsf

1063C-14H

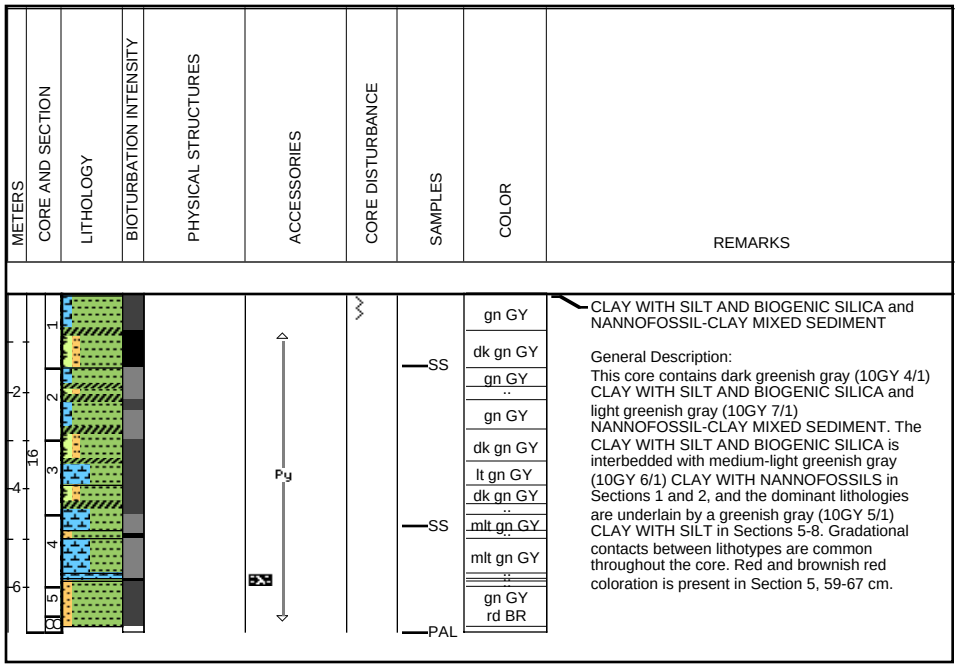


Site 1063 Hole C Core 15H **Cored 126.0-135.5 mbsf**



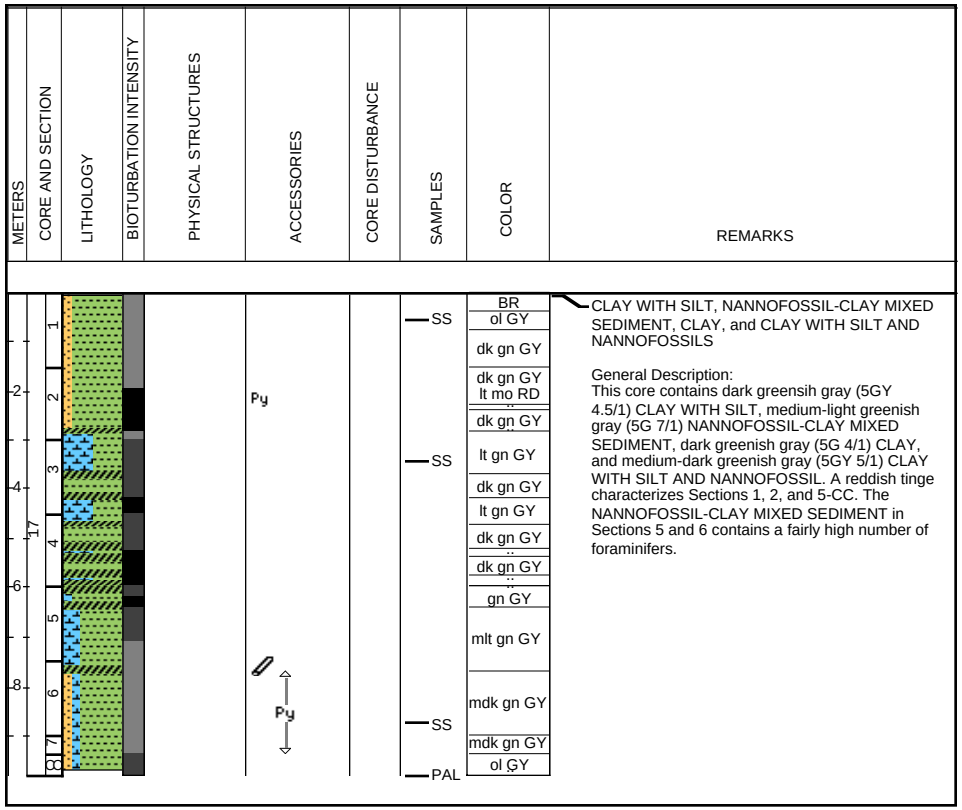
Site 1063 Hole C Core 16H

Cored 135.5-142.4 mbsf



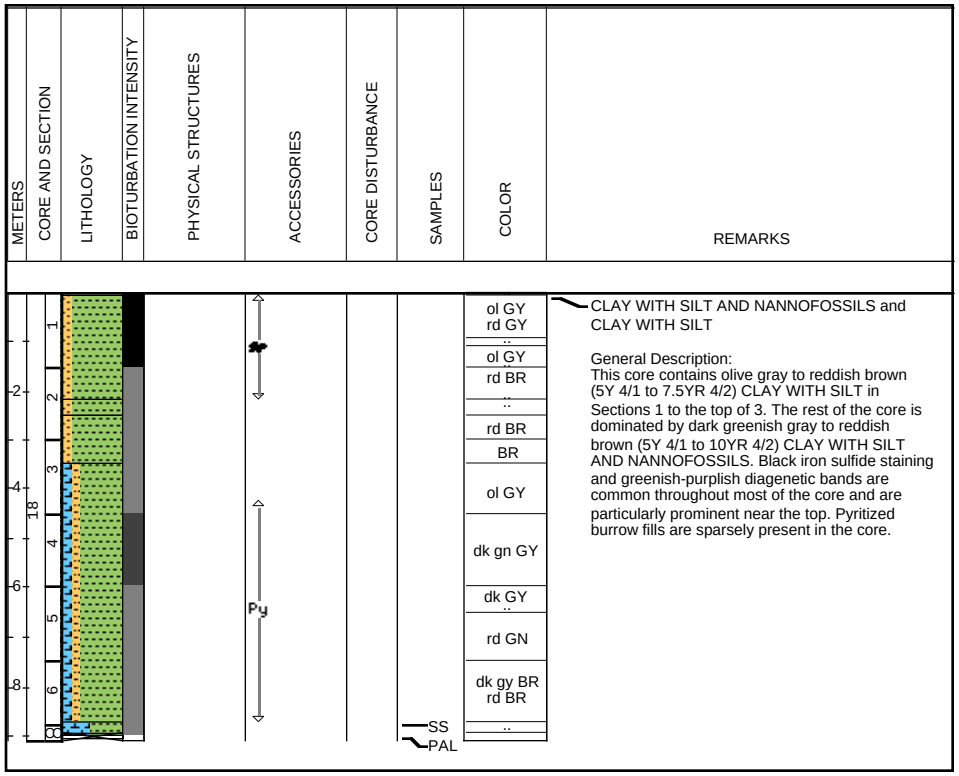
Site 1063 Hole C Core 17H

Cored 142.4-151.9 mbsf



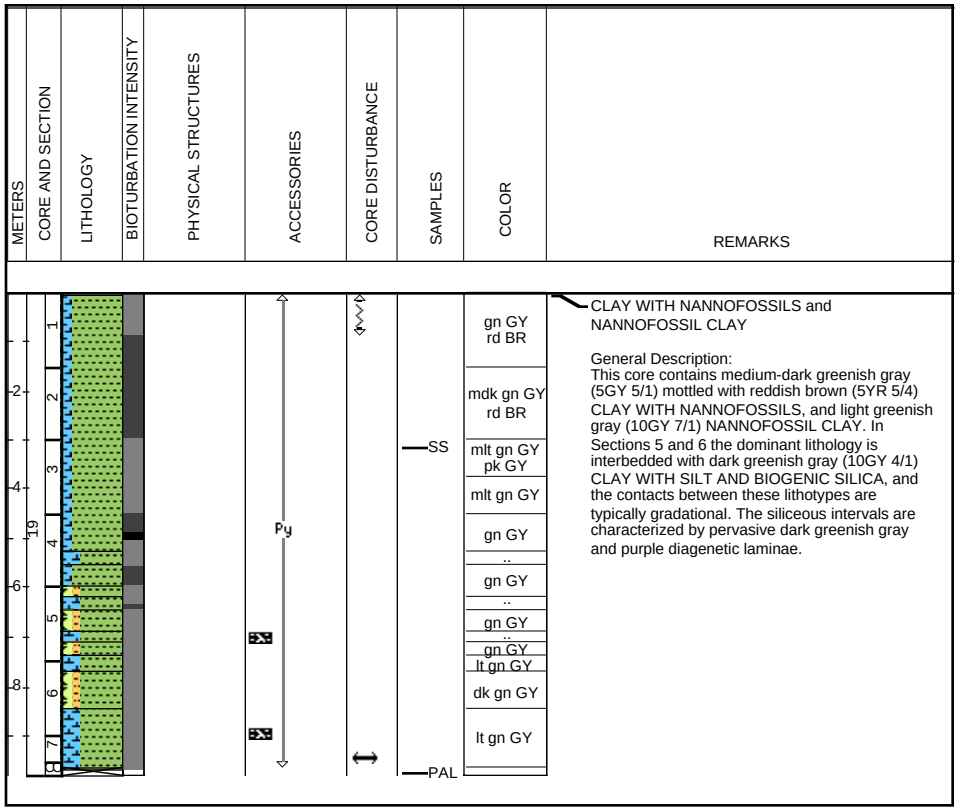
Site 1063 Hole C Core 18H

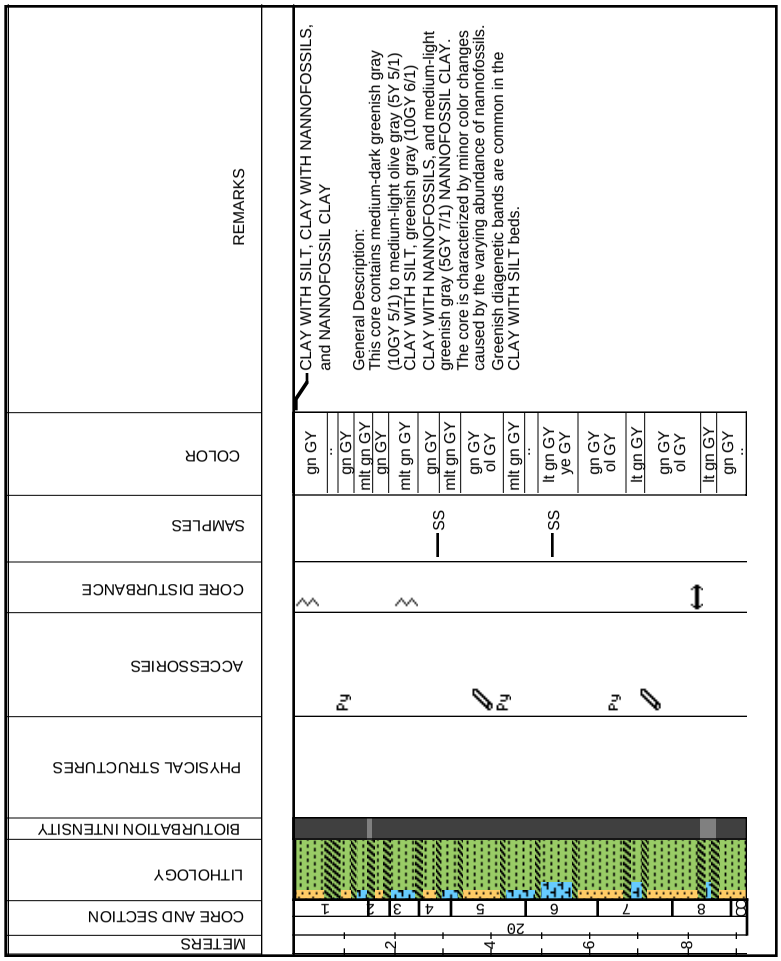
Cored 151.9-160.9 mbsf



Site 1063 Hole C Core 19H

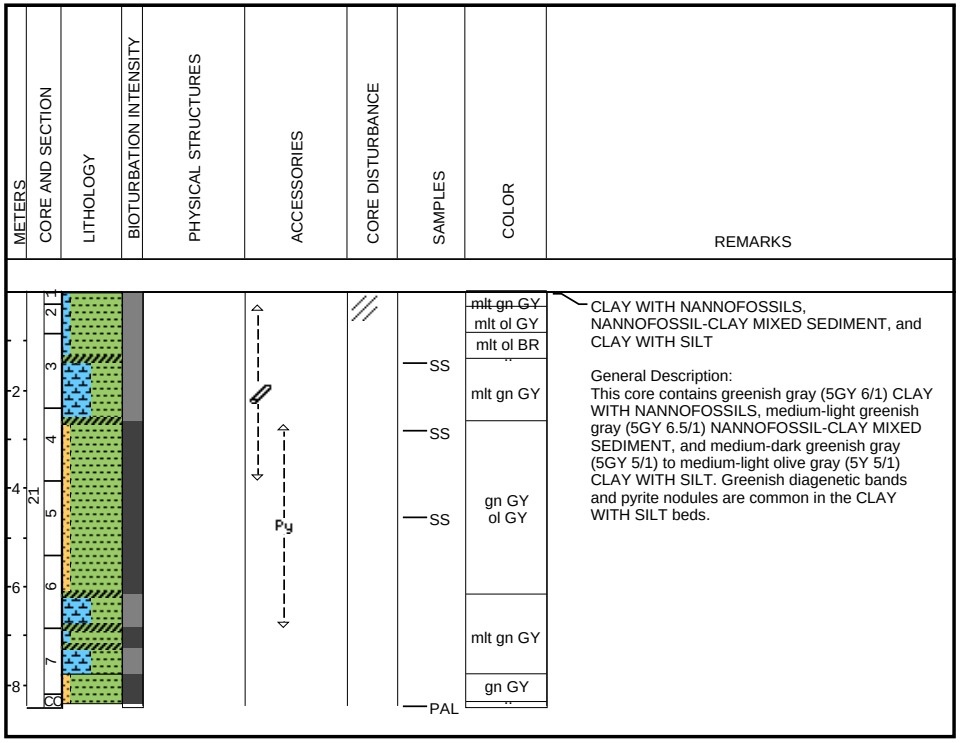
Cored 160.9-170.4 mbsf

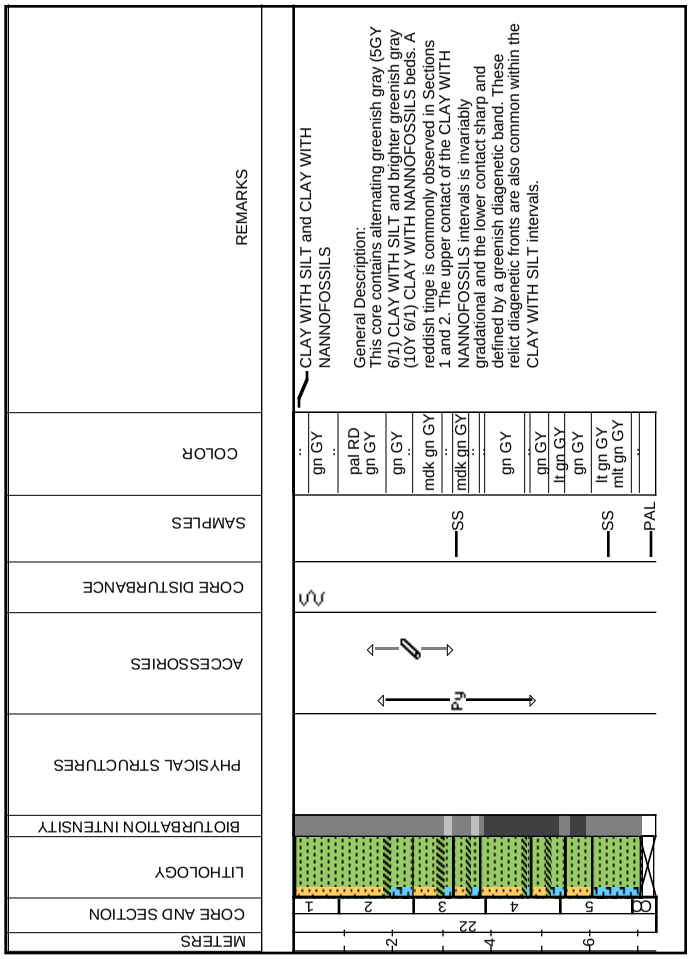



Site 1063 Hole C Core 20H
Cored 170.4-179.4 mbsf
1063C-20H
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH SILT, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY
General Description:
This core contains medium-dark greenish gray (10GY 5/1) to medium-light olive gray (5Y 5/1) CLAY WITH SILT, greenish gray (10GY 6/1) CLAY WITH NANNOFOSSILS, and medium-light greenish gray (5GY 7/1) NANNOFOSSIL CLAY. The core is characterized by minor color changes caused by the varying abundance of nannofossils. Greenish diagenetic bands are common in the CLAY WITH SILT beds.
gn GY
gn GY
mlt gn GY
gn GY
mlt gn GY
gn GY
mlt gn GY
gn GY
ol GY
mlt gn GY
lt gn GY
ye GY
gn GY
ol GY
lt gn GY
gn GY
ol GY
lt gn GY
gn GY
SS
SS
Py
Py
Py
1
2
3
4
5
6
7
8
CC
20
2
4
6
8

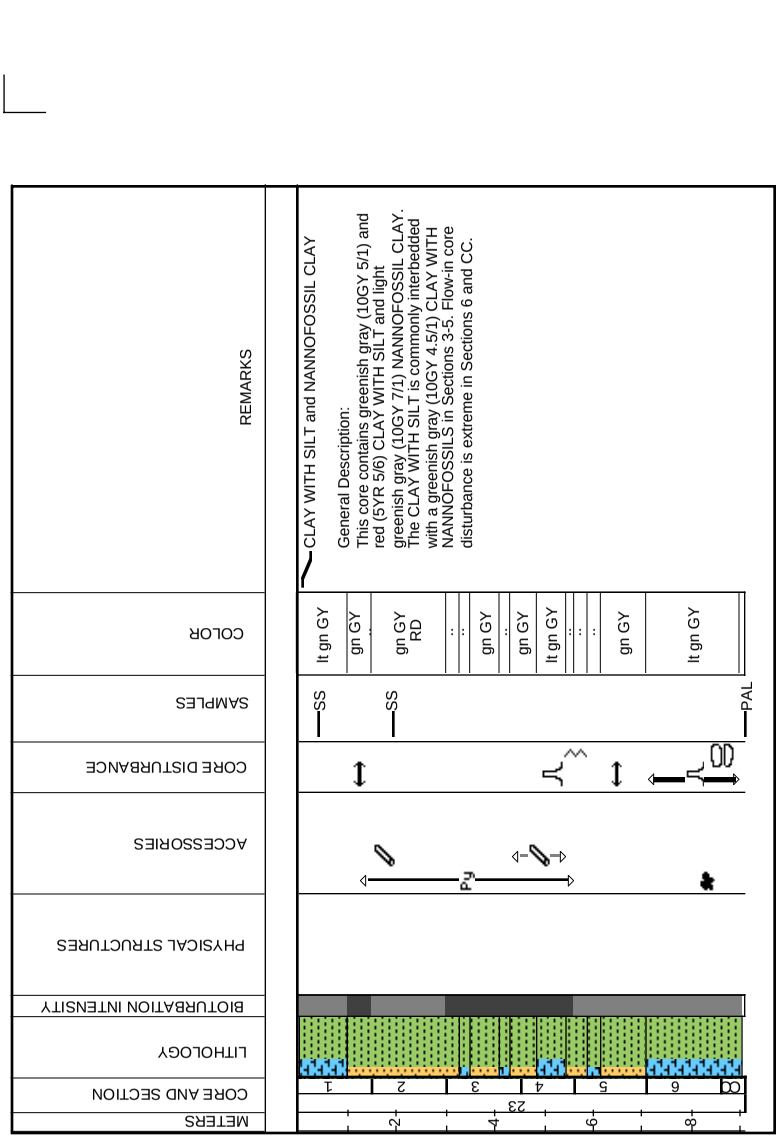
Site 1063 Hole C Core 21H

Cored 179.4-187.9 mbsf

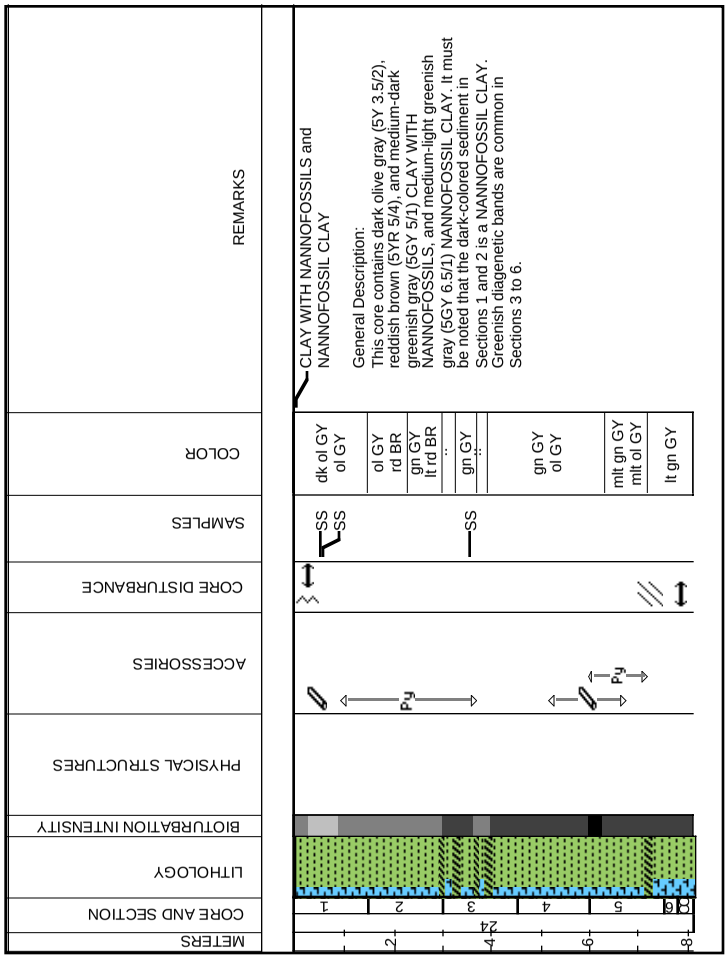



Site 1063 Hole C Core 22H
Cored 187.9-195.2 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
1
2
3
4
5
CC
22
2
4
6
gn GY
pal RD gn GY
gn GY
mdk gn GY
mdk gn GY
gn GY
gn GY
lt gn GY
gn GY
lt gn GY mlt gn GY
SS
SS
PAL
CLAY WITH SILT and CLAY WITH NANNOFOSSILS
General Description:
This core contains alternating greenish gray (5GY 6/1) CLAY WITH SILT and brighter greenish gray (10Y 6/1) CLAY WITH NANNOFOSSILS beds. A reddish tinge is commonly observed in Sections 1 and 2. The upper contact of the CLAY WITH NANNOFOSSILS intervals is invariably gradational and the lower contact sharp and defined by a greenish diagenetic band. These relict diagenetic fronts are also common within the CLAY WITH SILT intervals.

1063C-22H

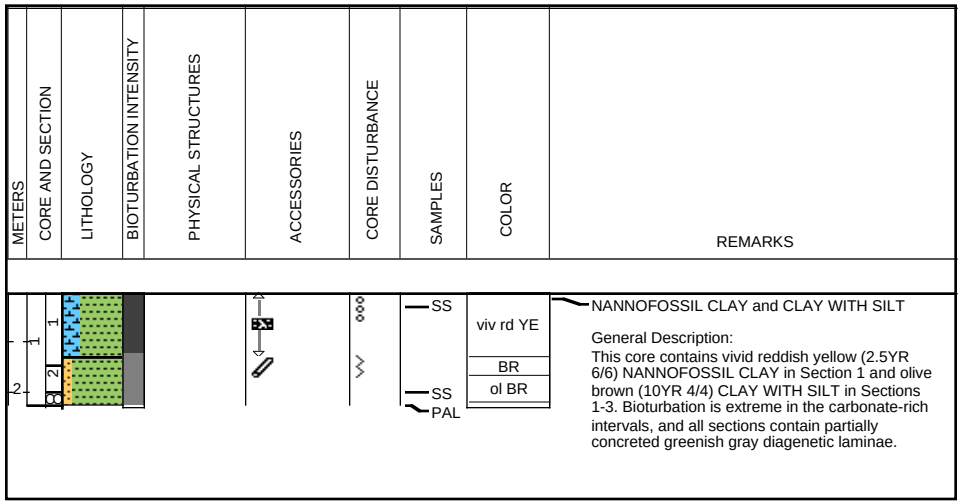

Site 1063 Hole C Core 23H
Cored 195.2-204.2 mbsf
1063C-23H
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH SILT and NANNOFOSSIL CLAY
General Description:
This core contains greenish gray (10GY 5/1) and red (5YR 5/6) CLAY WITH SILT and light greenish gray (10GY 7/1) NANNOFOSSIL CLAY. The CLAY WITH SILT is commonly interbedded with a greenish gray (10GY 4.5/1) CLAY WITH NANNOFOSSILS in Sections 3-5. Flow-in core disturbance is extreme in Sections 6 and CC.
lt gn GY
gn GY
gn GY RD
gn GY
gn GY
lt gn GY
gn GY
lt gn GY
SS
SS
PAL
Py
1
2
3
4
5
6
CC
2
3
4
6
8

1063C-24H


Site 1063 Hole C Core 24H
Cored 204.2-212.7 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH NANNOFOSSILS and NANNOFOSSIL CLAY
General Description:
This core contains dark olive gray (5Y 3.5/2), reddish brown (5YR 5/4), and medium-dark greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS, and medium-light greenish gray (5GY 6.5/1) NANNOFOSSIL CLAY. It must be noted that the dark-colored sediment in Sections 1 and 2 is a NANNOFOSSIL CLAY. Greenish diagenetic bands are common in Sections 3 to 6.
dk ol GY
ol GY
ol GY
rd BR
gn GY
lt rd BR
gn GY
gn GY
ol GY
mlt gn GY
mlt ol GY
lt gn GY
SS
SS
SS
Py
Py
24
1
2
3
4
5
6
CC
2
4
6
8

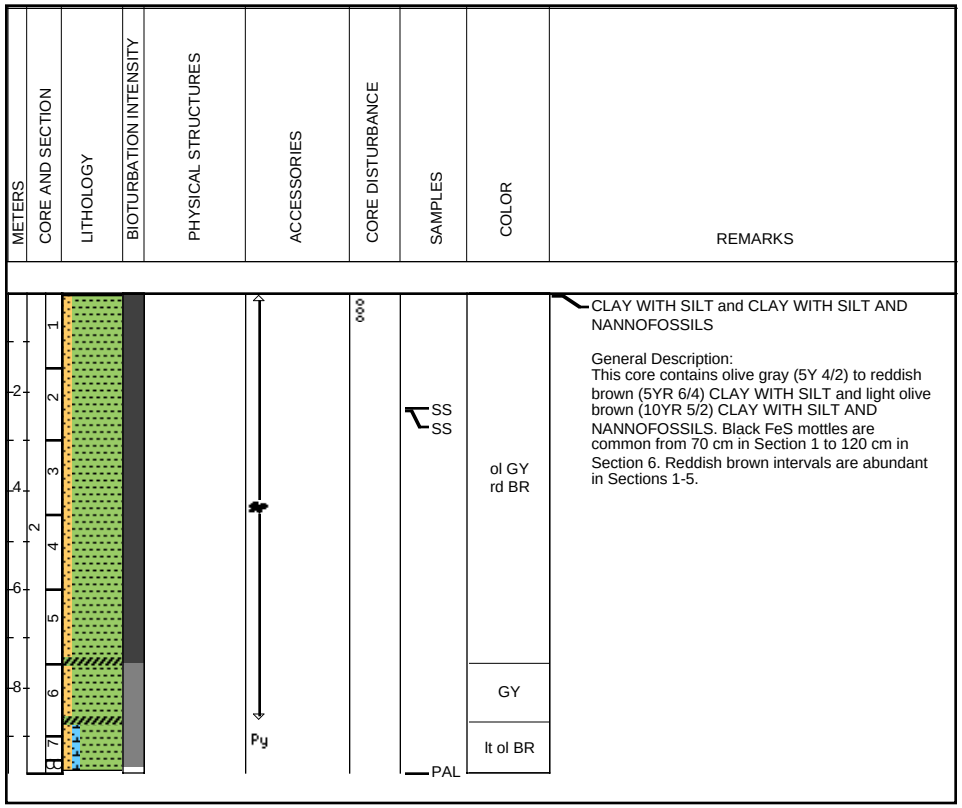
Site 1063 Hole D Core 1H

Cored 0.0-2.3 mbsf



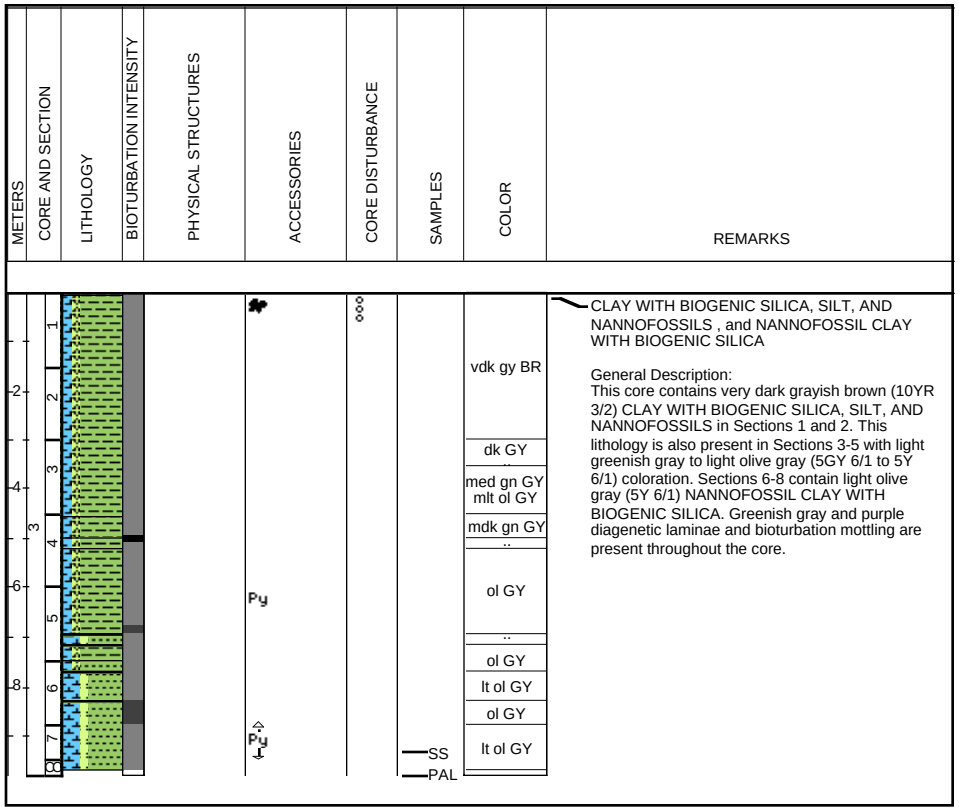
Site 1063 Hole D Core 2H

Cored 2.3-11.8 mbsf

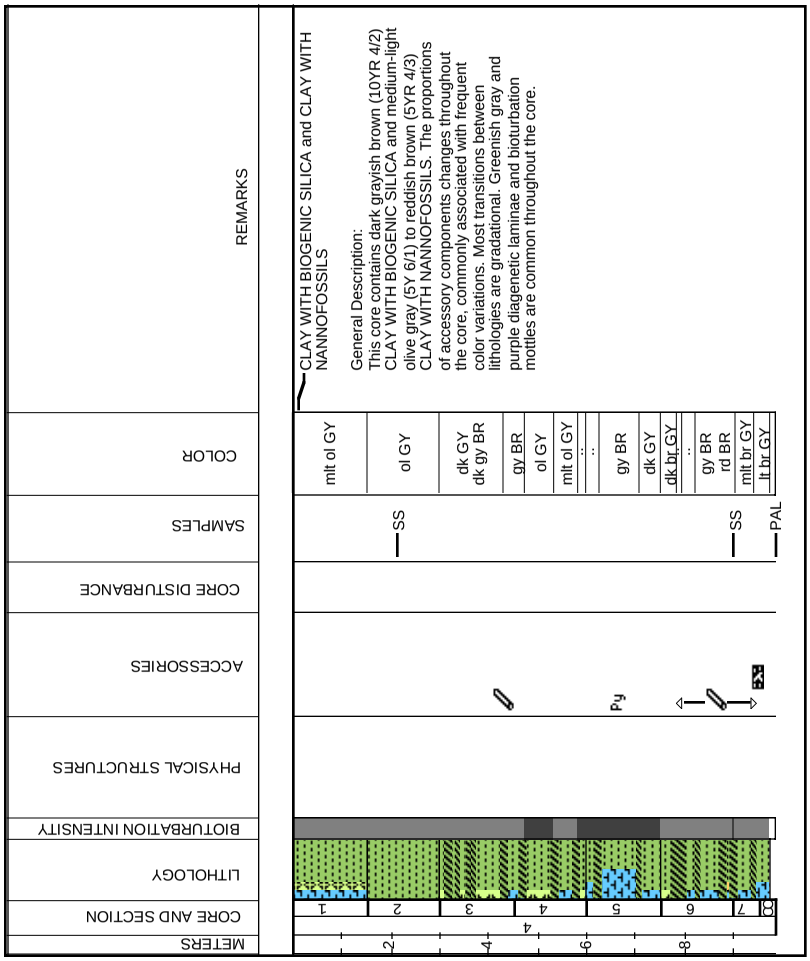


Site 1063 Hole D Core 3H

Cored 11.8-21.3 mbsf

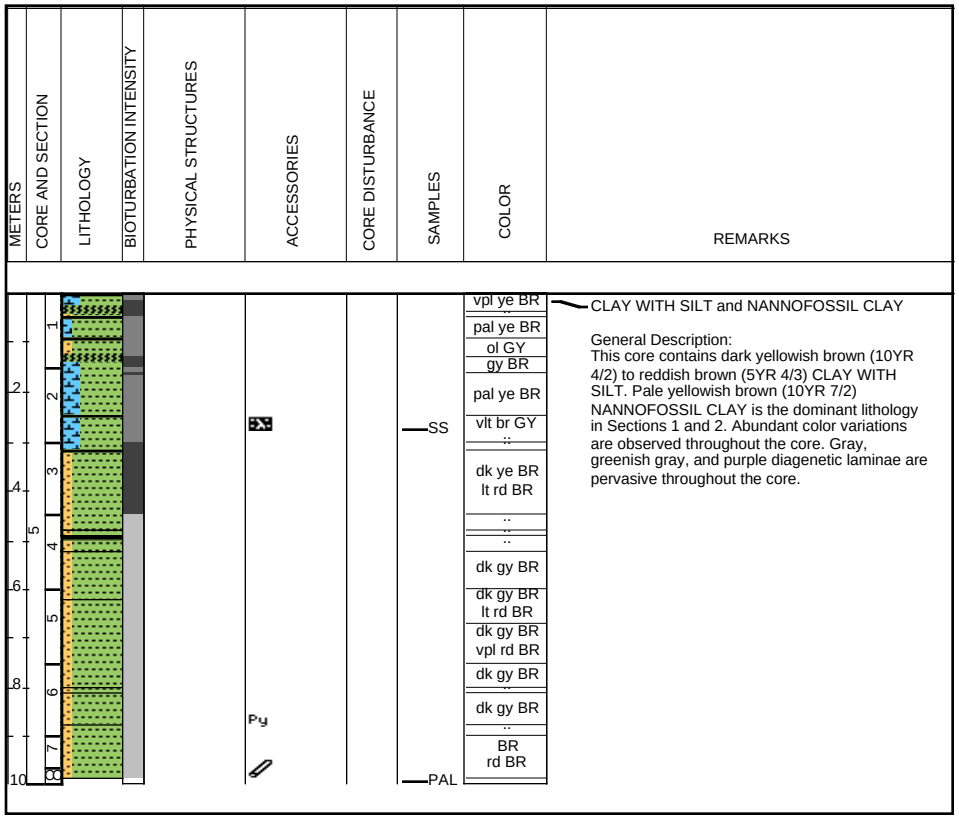


1063D-4H

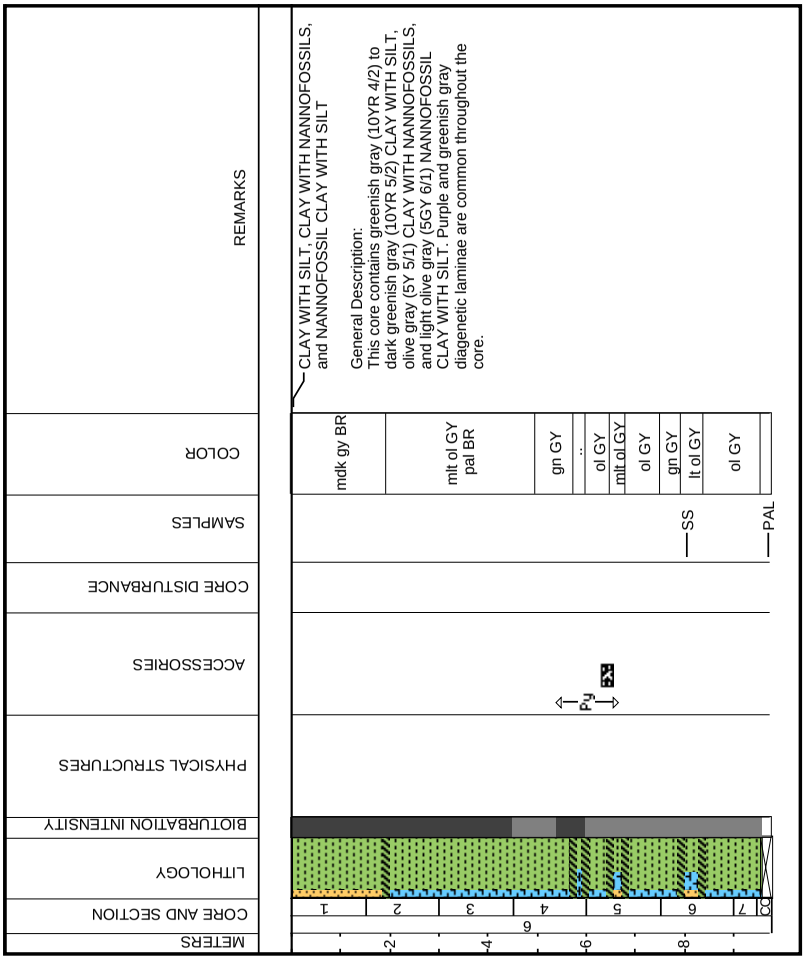

Site 1063 Hole D Core 4H
Cored 21.3-30.8 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH BIOGENIC SILICA and CLAY WITH NANNOFOSSILS
General Description:
This core contains dark grayish brown (10YR 4/2) CLAY WITH BIOGENIC SILICA and medium-light olive gray (5Y 6/1) to reddish brown (5YR 4/3) CLAY WITH NANNOFOSSILS. The proportions of accessory components changes throughout the core, commonly associated with frequent color variations. Most transitions between lithologies are gradational. Greenish gray and purple diagenetic laminae and bioturbation mottles are common throughout the core.
mlt ol GY
ol GY
dk GY
dk gy BR
gy BR
ol GY
mlt ol GY
gy BR
dk GY
dk br GY
gy BR
rd BR
mlt br GY
lt br GY
SS
Py
SS
PAL

Site 1063 Hole D Core 5H

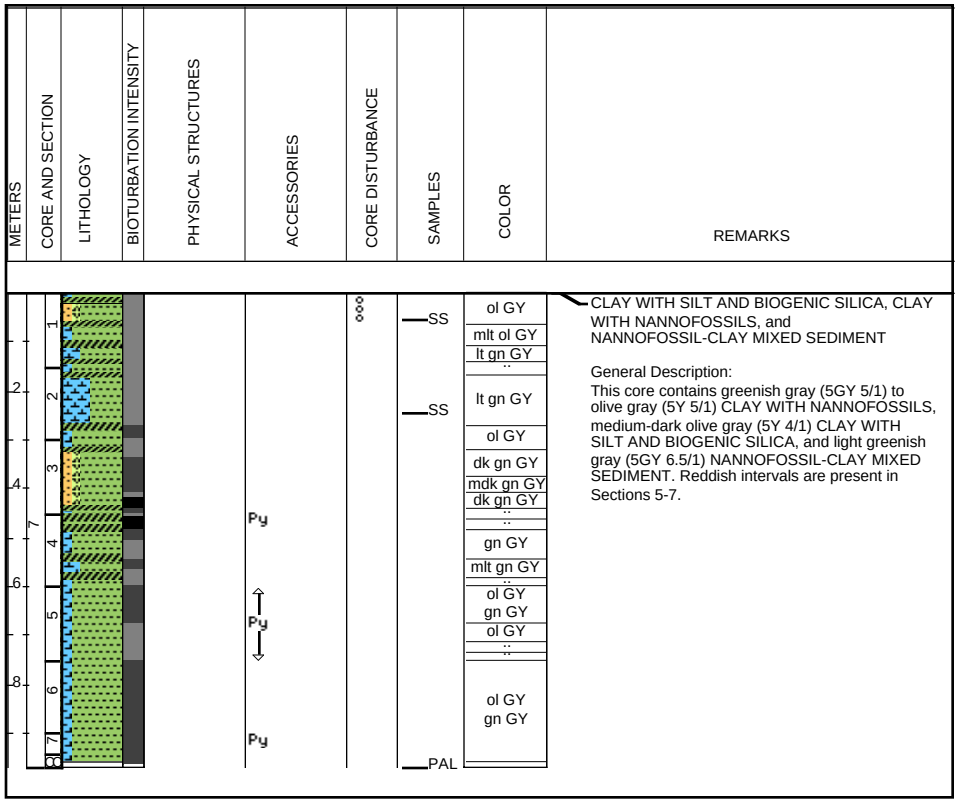
Cored 30.8-40.3 mbsf



1063D-6H

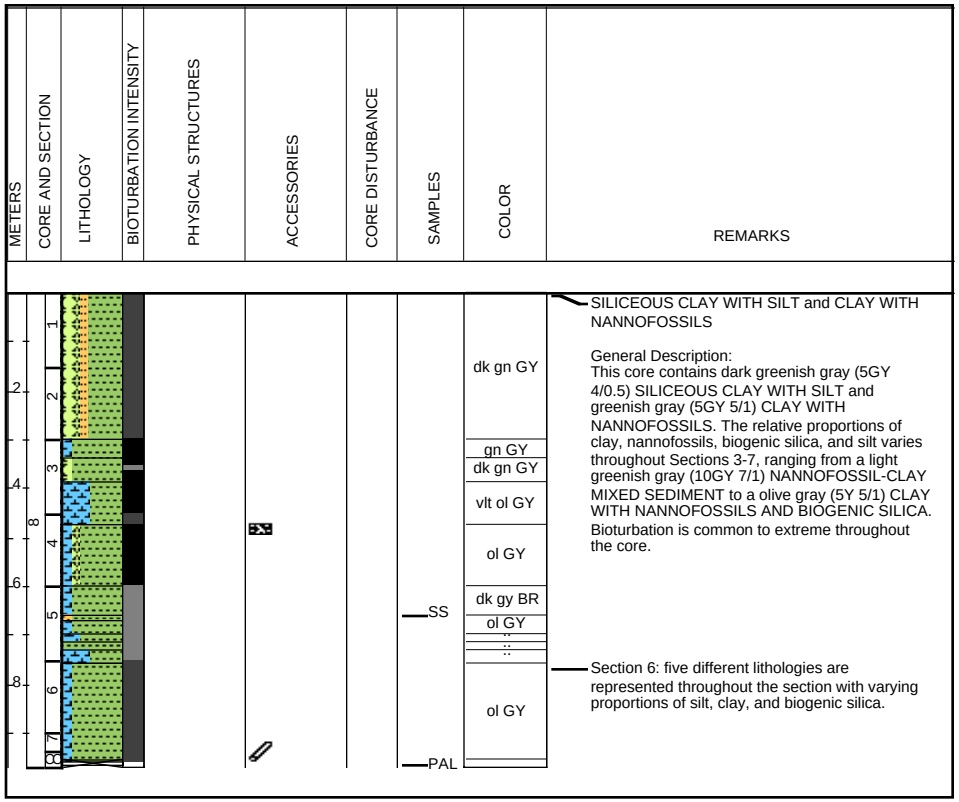

Site 1063 Hole D Core 6H
Cored 40.3-49.8 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH SILT, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY WITH SILT
General Description:
This core contains greenish gray (10YR 4/2) to dark greenish gray (10YR 5/2) CLAY WITH SILT, olive gray (5Y 5/1) CLAY WITH NANNOFOSSILS, and light olive gray (5GY 6/1) NANNOFOSSIL CLAY WITH SILT. Purple and greenish gray diagenetic laminae are common throughout the core.
mdk gy BR
mlt ol GY
pal BR
gn GY
ol GY
mlt ol GY
ol GY
gn GY
lt ol GY
ol GY
SS
PAL
1
2
3
4
5
6
7
CC
2
4
6
8

Site 1063 Hole D Core 7H — Cored 49.8-59.3 mbsf



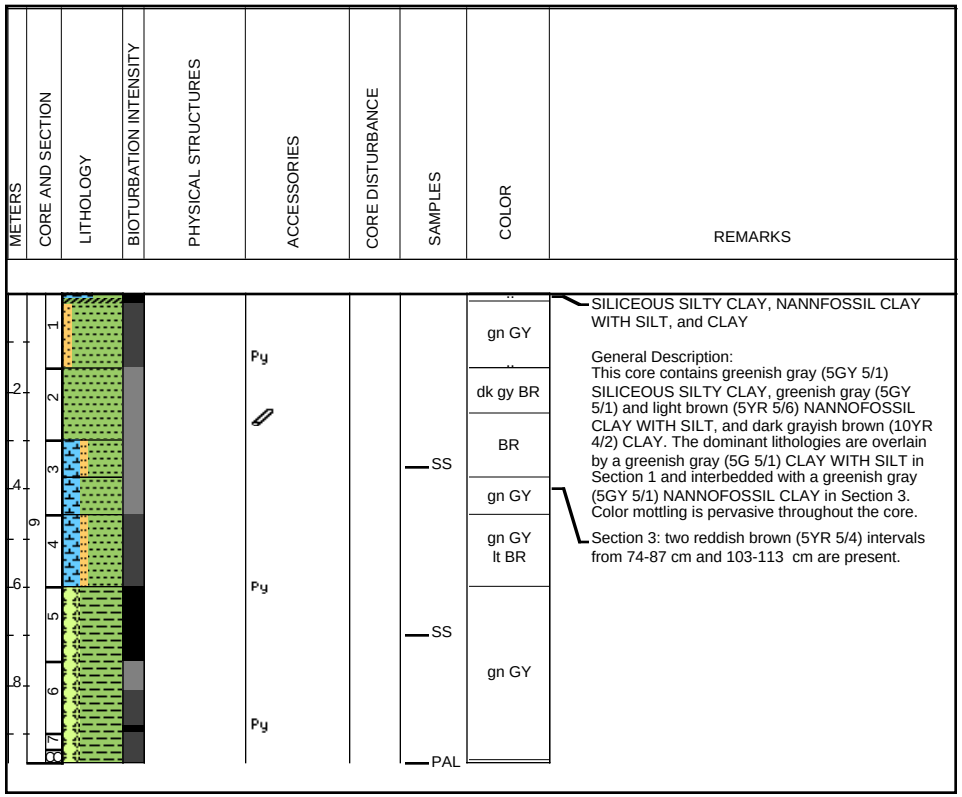
Site 1063 Hole D Core 8H

Cored 59.3-68.8 mbsf



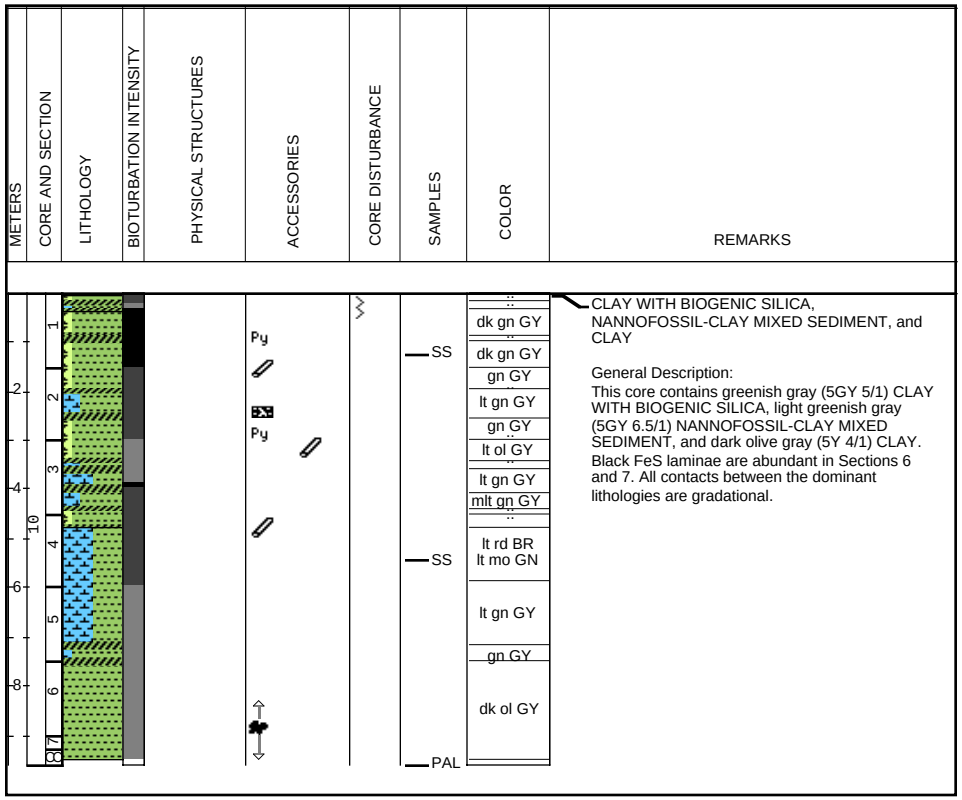
Site 1063 Hole D Core 9H

Cored 68.8-78.3 mbsf



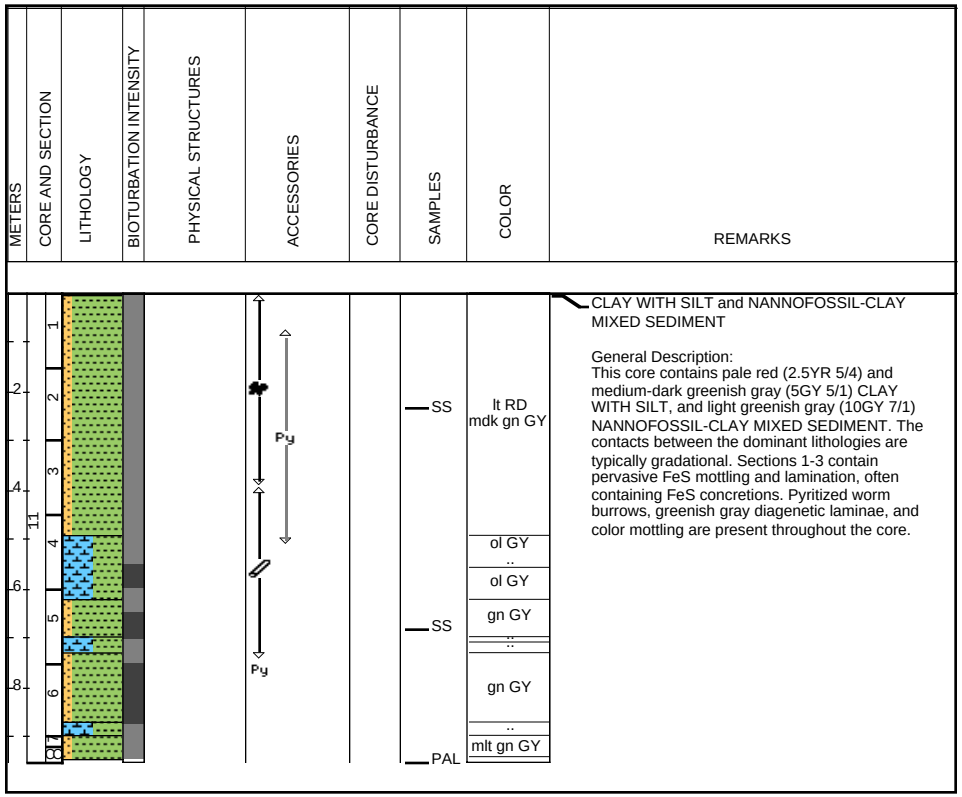
Site 1063 Hole D Core 10H

Cored 78.3-87.8 mbsf



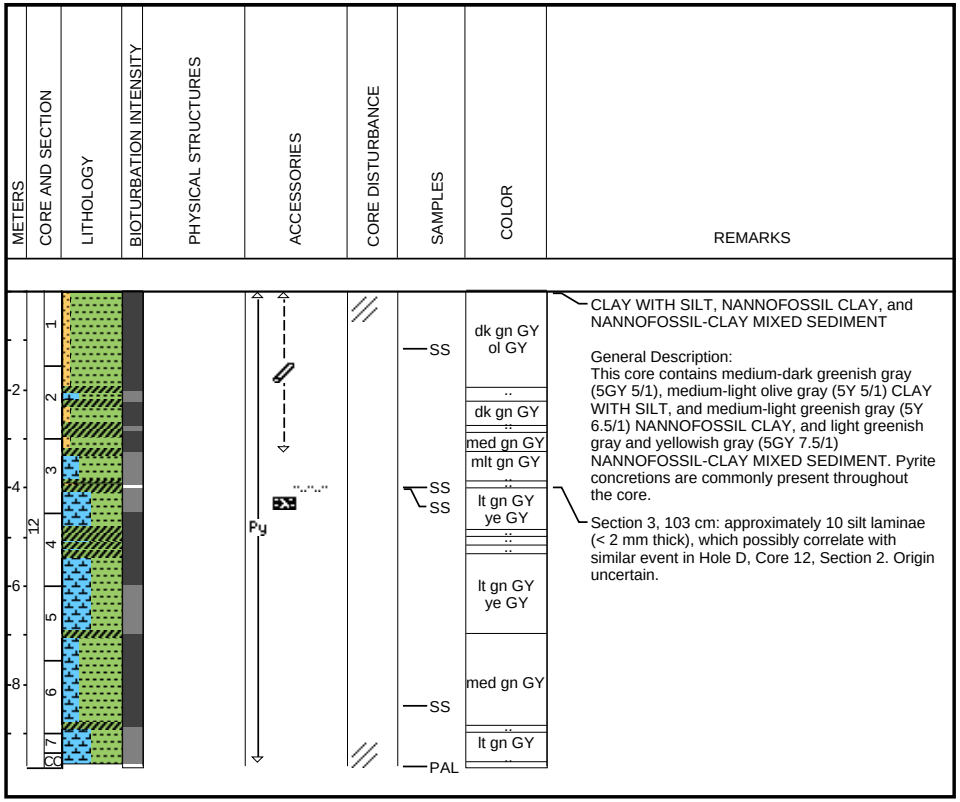
Site 1063 Hole D Core 11H

Cored 87.8-97.3 mbsf



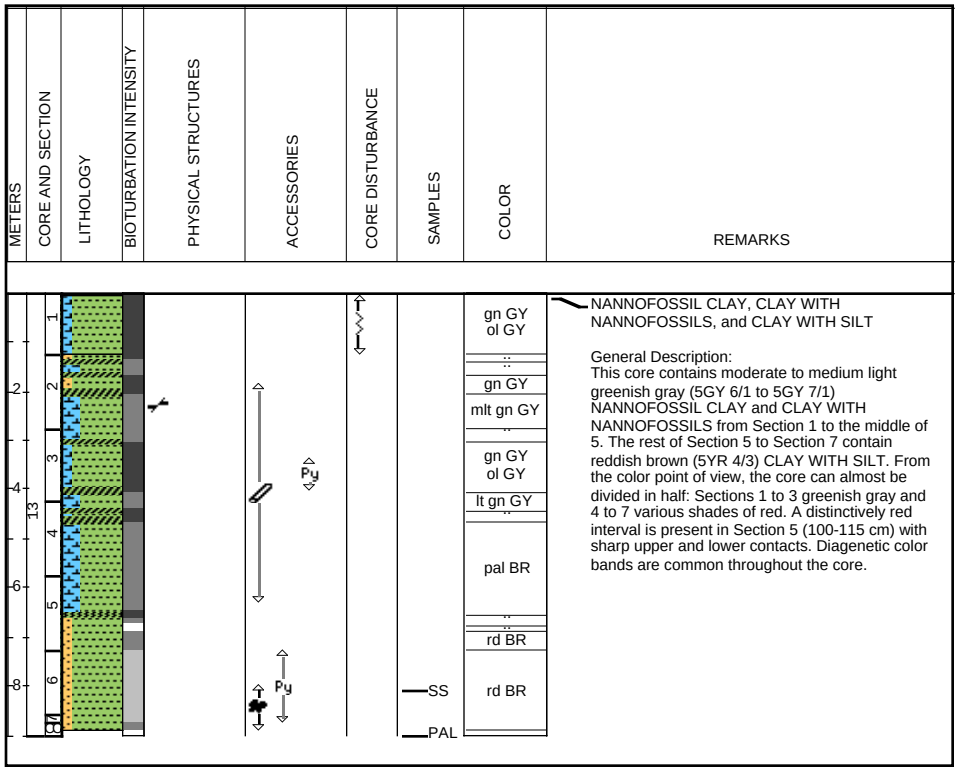
Site 1063 Hole D Core 12H

Cored 97.3-106.8 mbsf

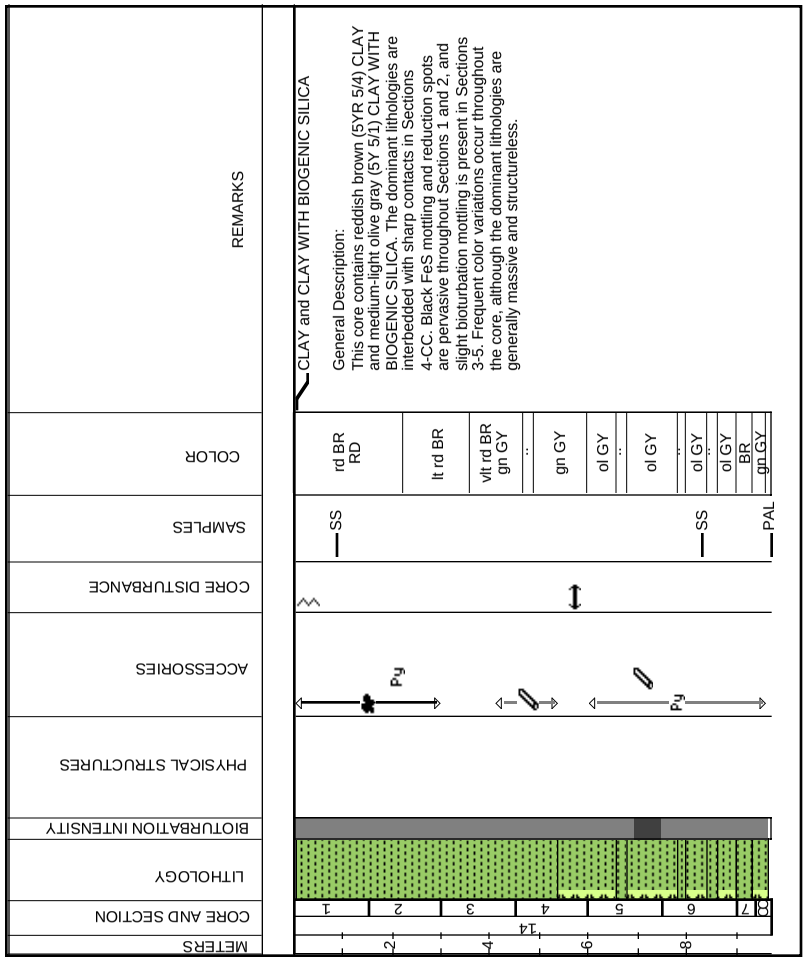


Site 1063 Hole D Core 13H

Cored 106.8-116.3 mbsf

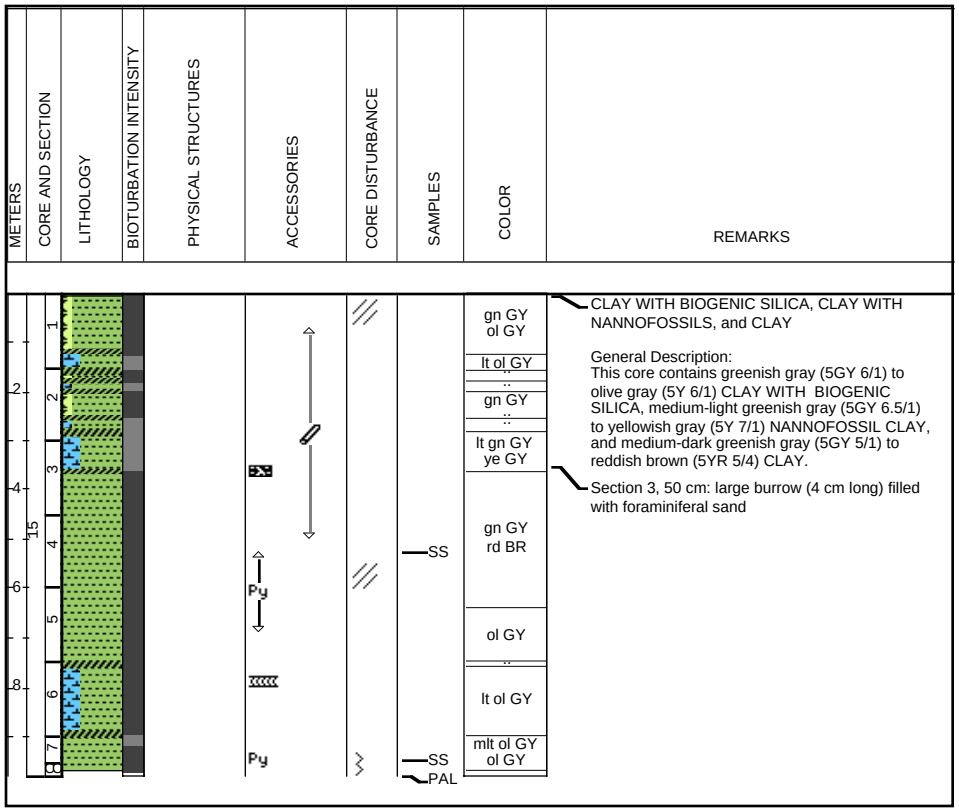


1063D-14H


Site 1063 Hole D Core 14H
Cored 116.3-125.8 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY and CLAY WITH BIOGENIC SILICA
General Description:
This core contains reddish brown (5YR 5/4) CLAY and medium-light olive gray (5Y 5/1) CLAY WITH BIOGENIC SILICA. The dominant lithologies are interbedded with sharp contacts in Sections 4-CC. Black FeS mottling and reduction spots are pervasive throughout Sections 1 and 2, and slight bioturbation mottling is present in Sections 3-5. Frequent color variations occur throughout the core, although the dominant lithologies are generally massive and structureless.
rd BR
RD
lt rd BR
vlt rd BR
gn GY
gn GY
ol GY
ol GY
ol GY
ol GY
ol GY
BR
gn GY
SS
SS
PAL
Py
Py
1
2
3
4
5
6
7
CC
2
4
6
8
14

Site 1063 Hole D Core 15H

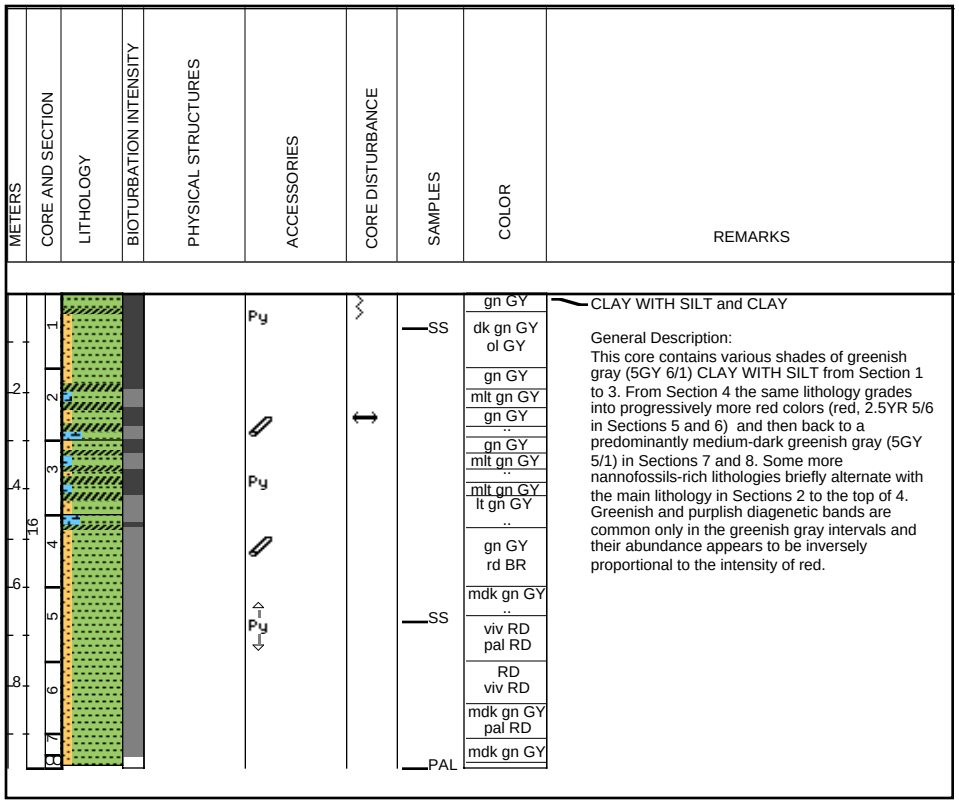
Cored 125.8-135.3 mbsf



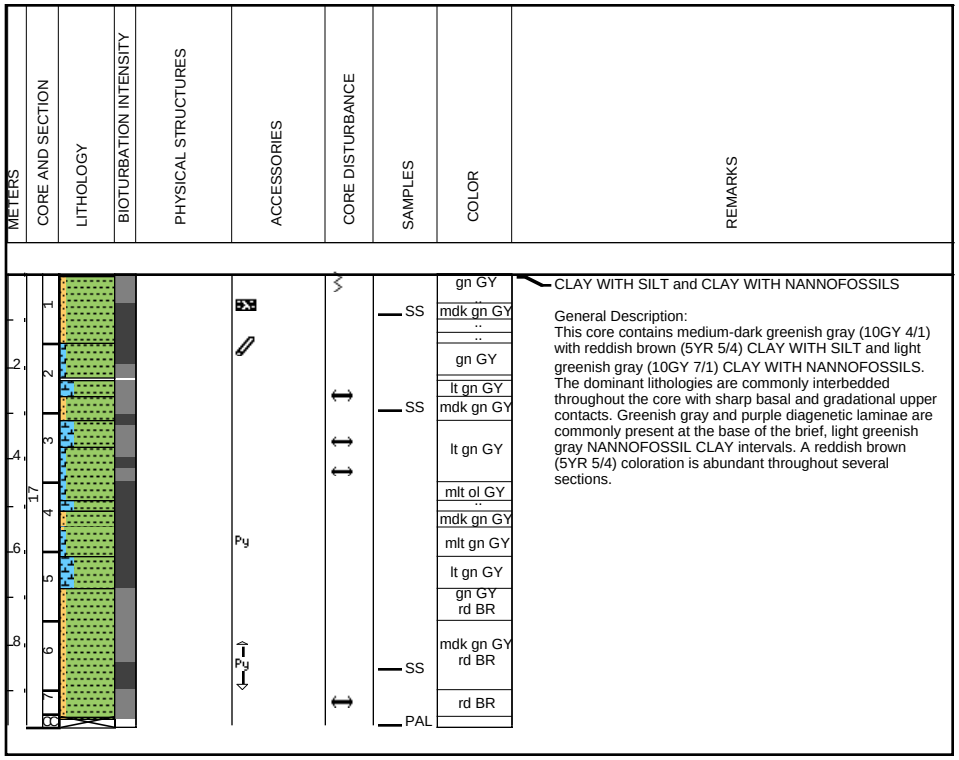
Site 1063 Hole D Core 16H

Cored 135.3-144.8 mbsf

1063D-16H



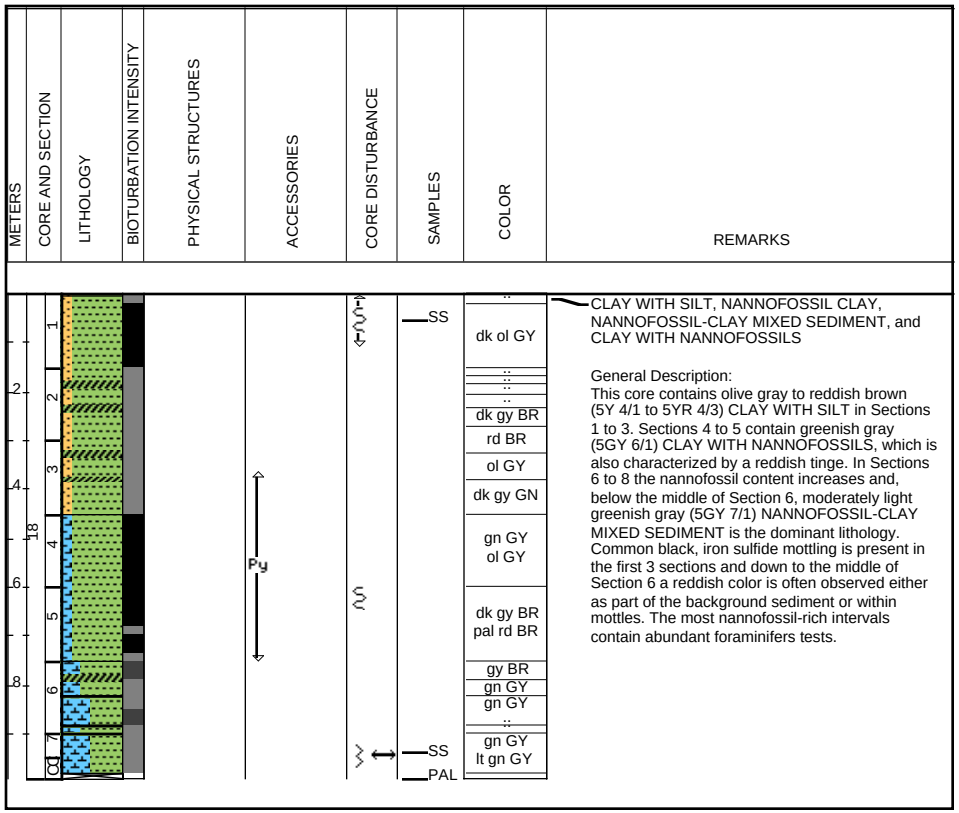
Site 1063 Hole D Core 17H **Cored 144.8-154.3 mbsf**



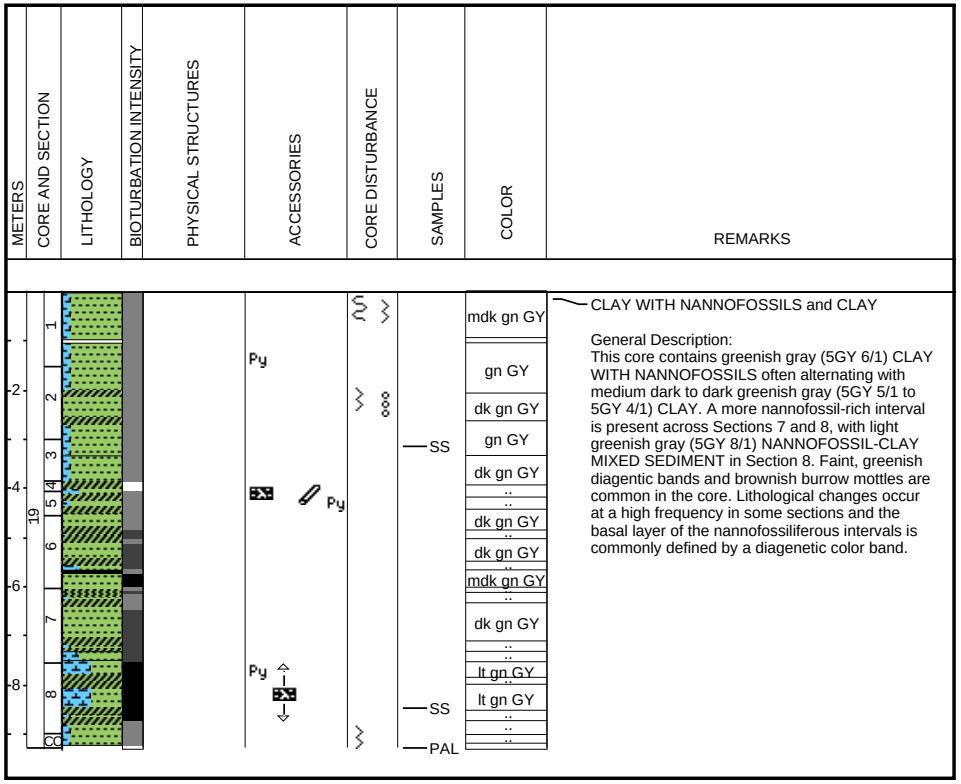
Site 1063 Hole D Core 18H

Cored 154.3-163.8 mbsf

1063D-18H



Site 1063 Hole D Core 19H **Cored 163.8-173.1 mbsf**



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