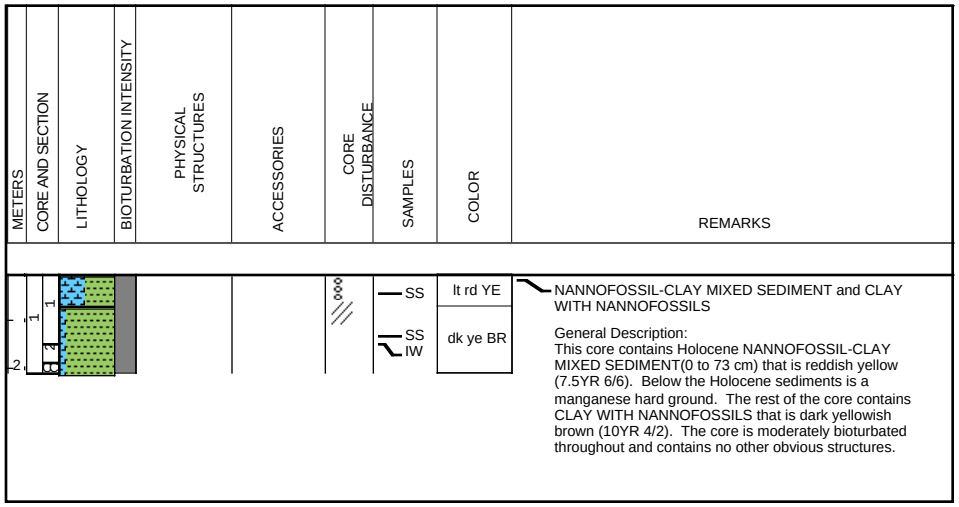
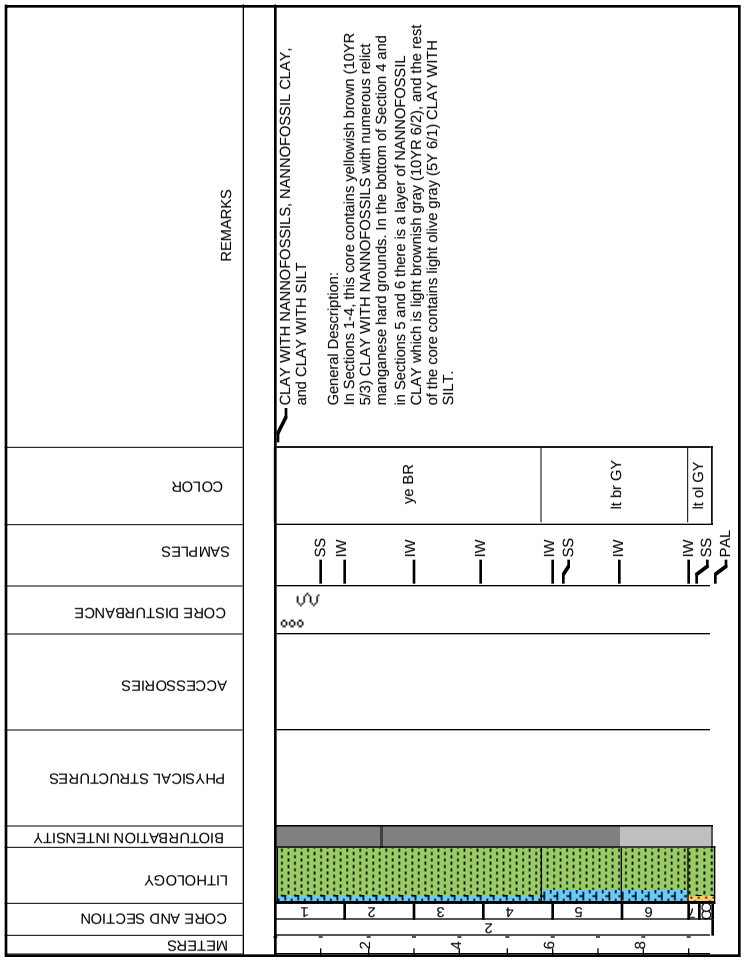
Site 1062 Hole A Core 1H **Cored 0.0-2.2 mbsf**

1062A-1H

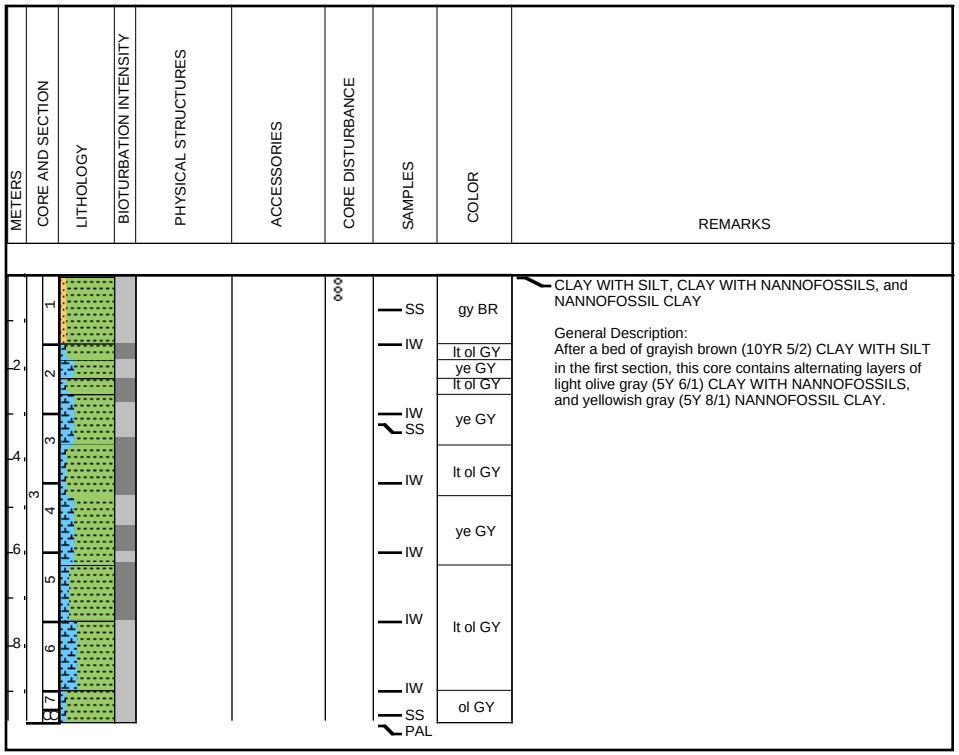


Prior Chapter Contents Next Chapter

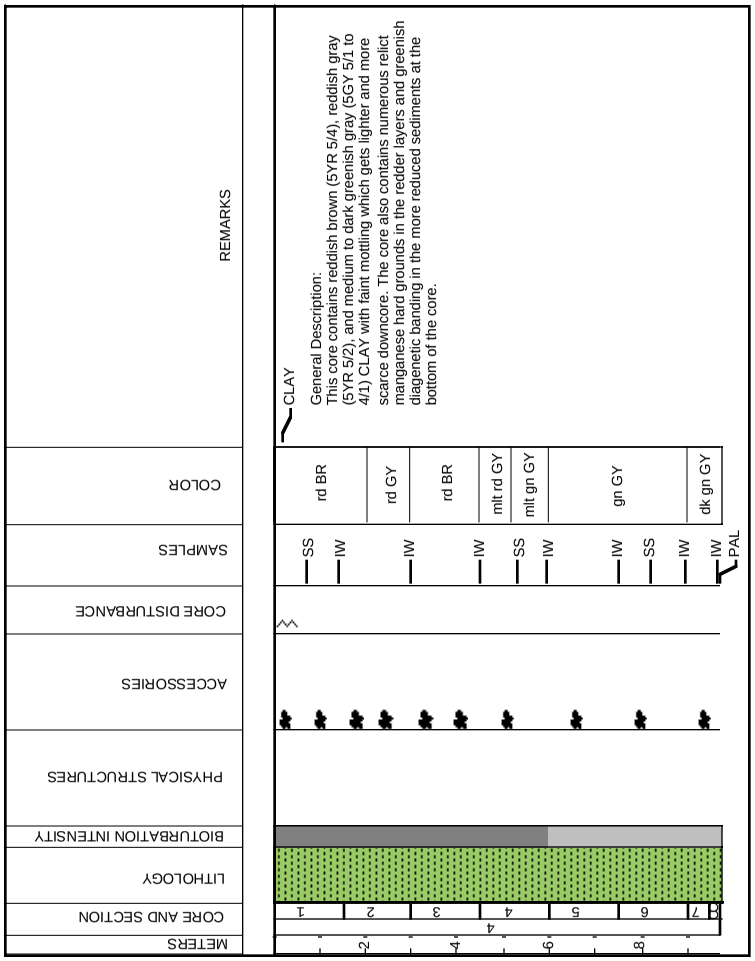
1062A-2H


Site 1062 Hole A Core 2H
Cored 2.2-11.7 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH NANNOFOSSILS, NANNOFOSSIL CLAY, and CLAY WITH SILT
General Description:
In Sections 1-4, this core contains yellowish brown (10YR 5/3) CLAY WITH NANNOFOSSILS with numerous relict manganese hard grounds. In the bottom of Section 4 and in Sections 5 and 6 there is a layer of NANNOFOSSIL CLAY which is light brownish gray (10YR 6/2), and the rest of the core contains light olive gray (5Y 6/1) CLAY WITH SILT.
ye BR
lt br GY
lt ol GY
SS
IW
PAL

Site 1062 Hole A Core 3H **Cored 11.7-21.2 mbsf**

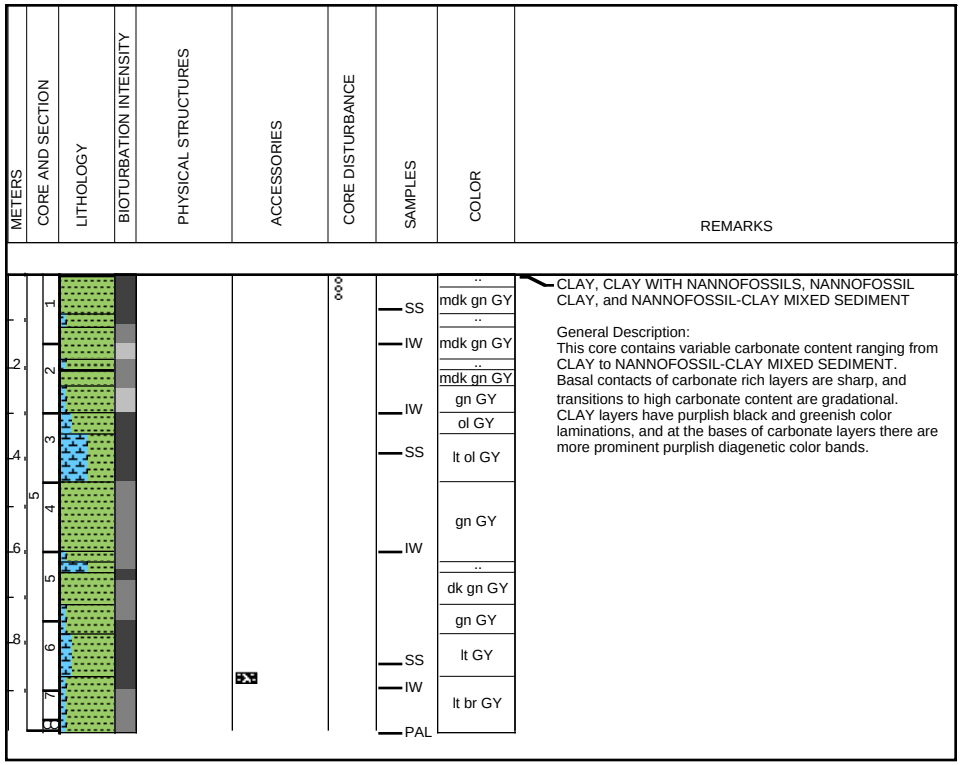


1062A-4H


Site 1062 Hole A Core 4H
Cored 21.2-30.7 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY
General Description:
This core contains reddish brown (5YR 5/4), reddish gray (5YR 5/2), and medium to dark greenish gray (5GY 5/1 to 4/1) CLAY with faint mottling which gets lighter and more scarce downcore. The core also contains numerous relict manganese hard grounds in the redder layers and greenish diagenetic banding in the more reduced sediments at the bottom of the core.
rd BR
rd GY
rd BR
mlt rd GY
mlt gn GY
gn GY
dk gn GY
SS
IW
PAL

Site 1062 Hole A Core 5H

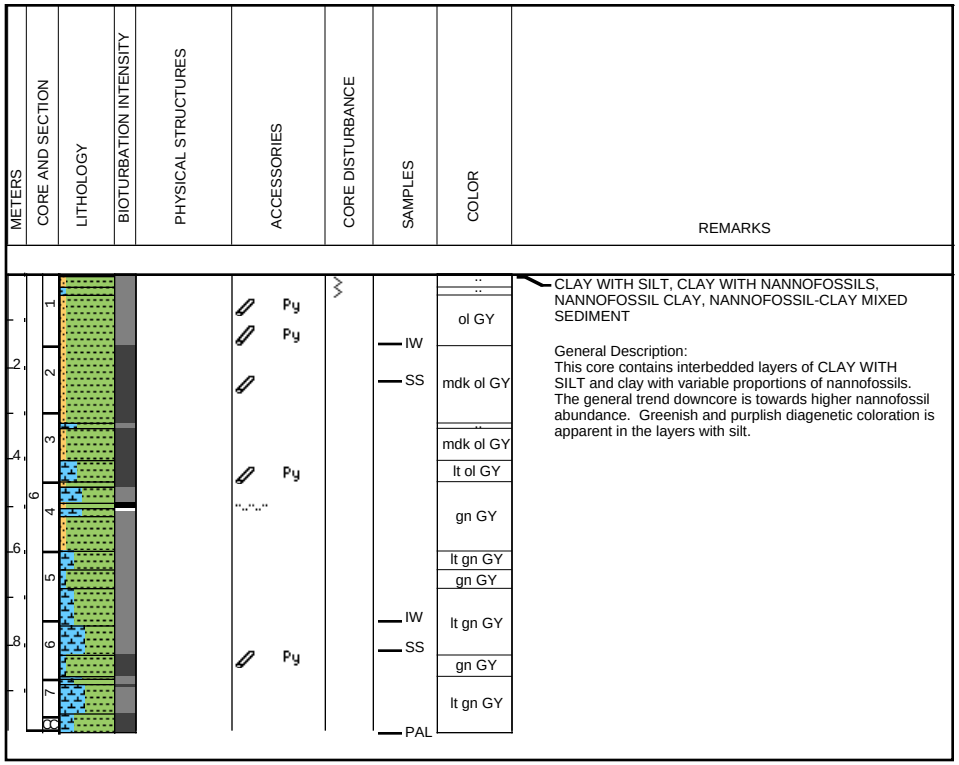
Cored 30.7-40.2 mbsf



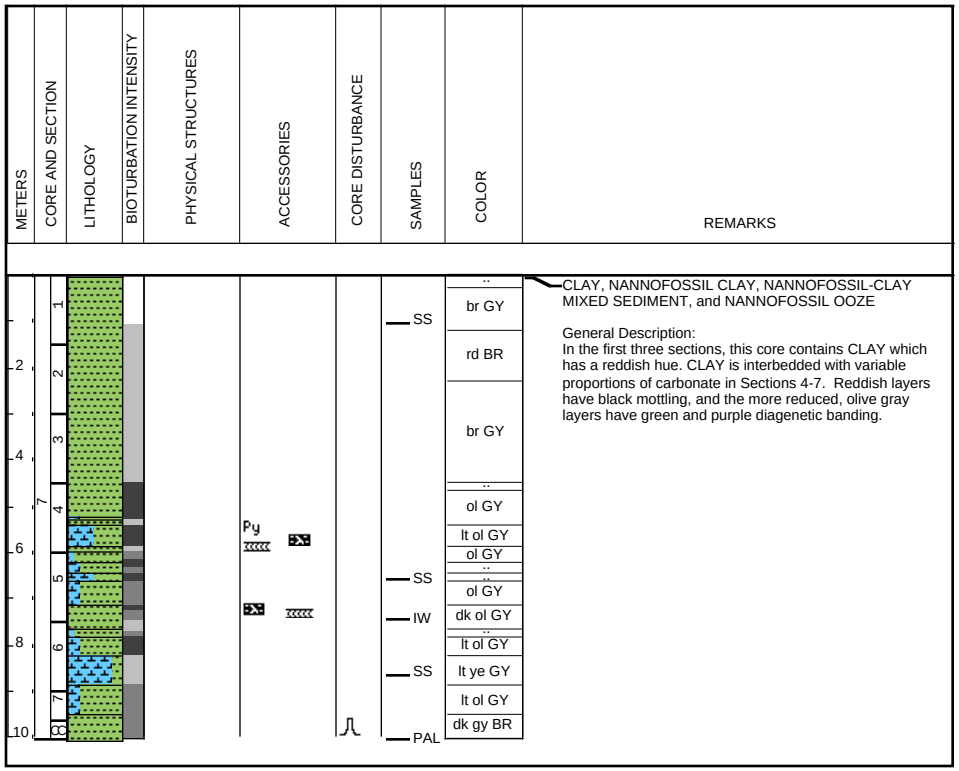
Site 1062 Hole A Core 6H

Cored 40.2-49.7 mbsf

1062A-6H



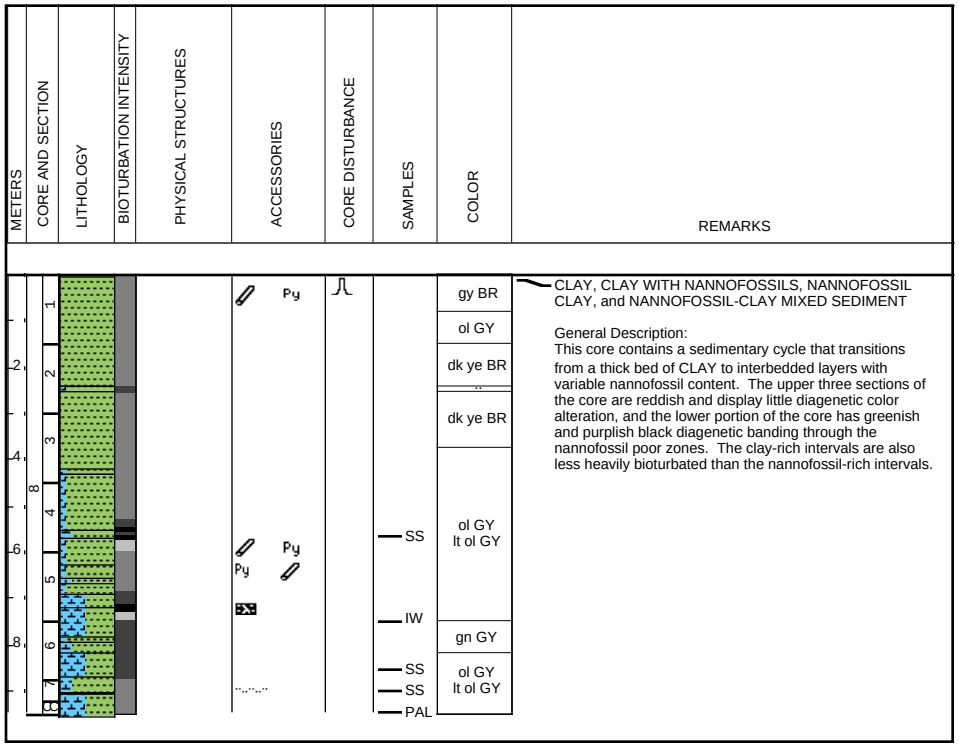
Site 1062 Hole A Core 7H **Cored 49.7-59.2 mbsf**



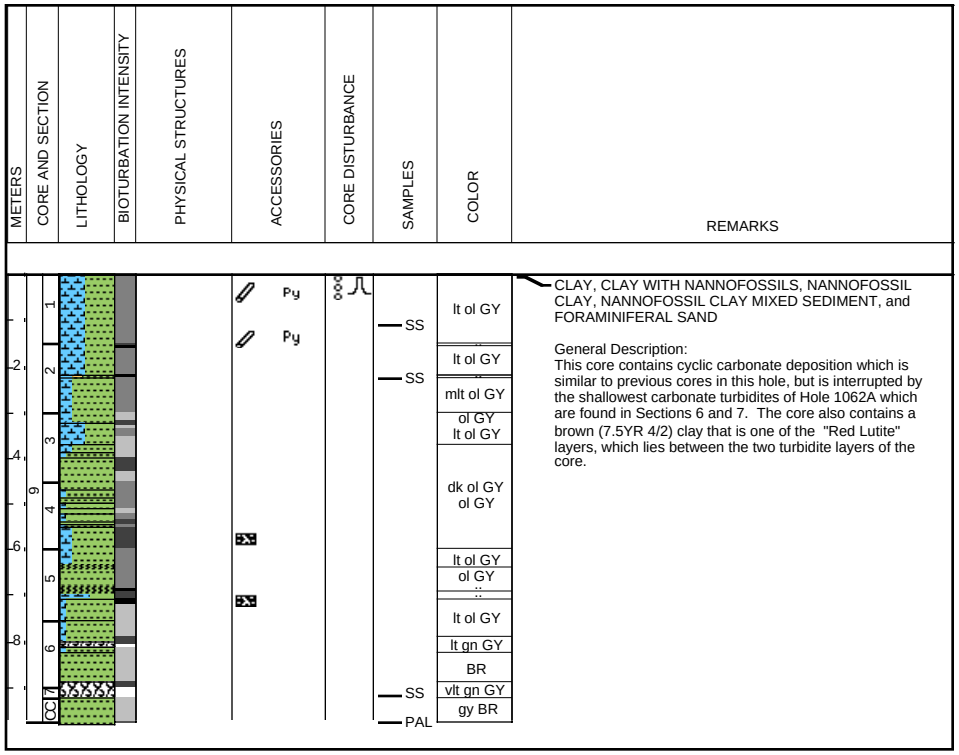
Site 1062 Hole A Core 8H

Cored 59.2-68.7 mbsf

1062A-8H



Site 1062 Hole A Core 9H **Cored 68.7-78.2 mbsf**



Site 1062 Hole A Core 10H

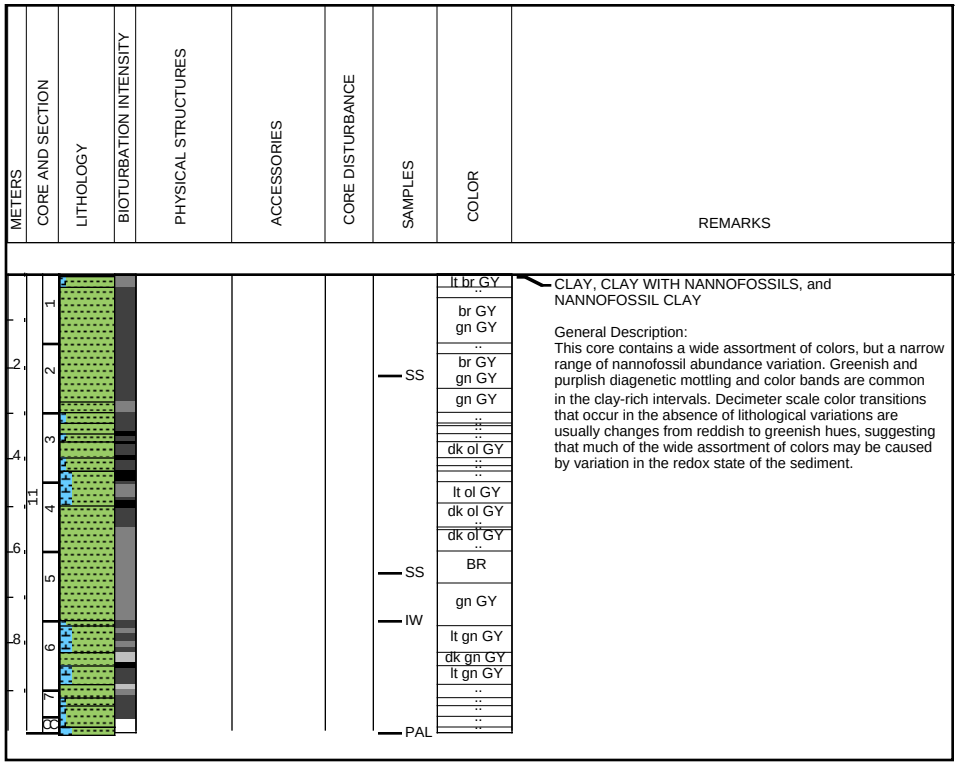
Cored 78.2-87.7 mbsf

CLAY, CLAY WITH NANNOFOSSILS, CLAY WITH NANNOFOSSILS AND SILT, CLAYEY NANNOFOSSIL CARBONATE GRAIN SILT, and FORAMINIFERAL SAND

General Description:

CLAY, CLAY WITH NANNOFOSSILS, and CLAY WITH NANNOFOSSILS AND SILT are the dominant lithologies of the core, CLAYEY NANNOFOSSIL CARBONATE GRAIN SILT and FORAMINIFERAL SAND are found in thin turbidite layers in Sections 4 and 5. The turbidite layers seem to create greenish reduction zones in the surrounding sediments causing color changes that are not associated with lithological changes but with chemical changes. This behavior is highlighted because the turbidites occur above layers of reddish clay, and it is visually obvious that the greenish gray (5G 5/1) sediments immediately above and below the turbidites are not lithologically different from the redder sediments (brown: 7.5YR 4/2), which are slightly further away from the turbidites.

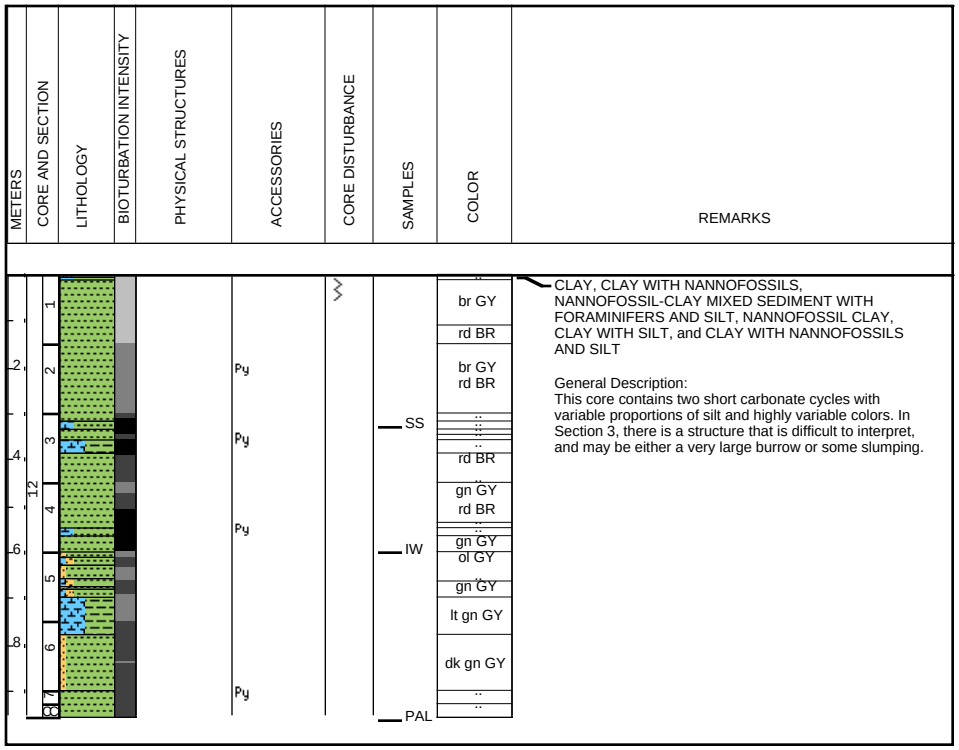
Site 1062 Hole A Core 11H **Cored 87.7-97.2 mbsf**



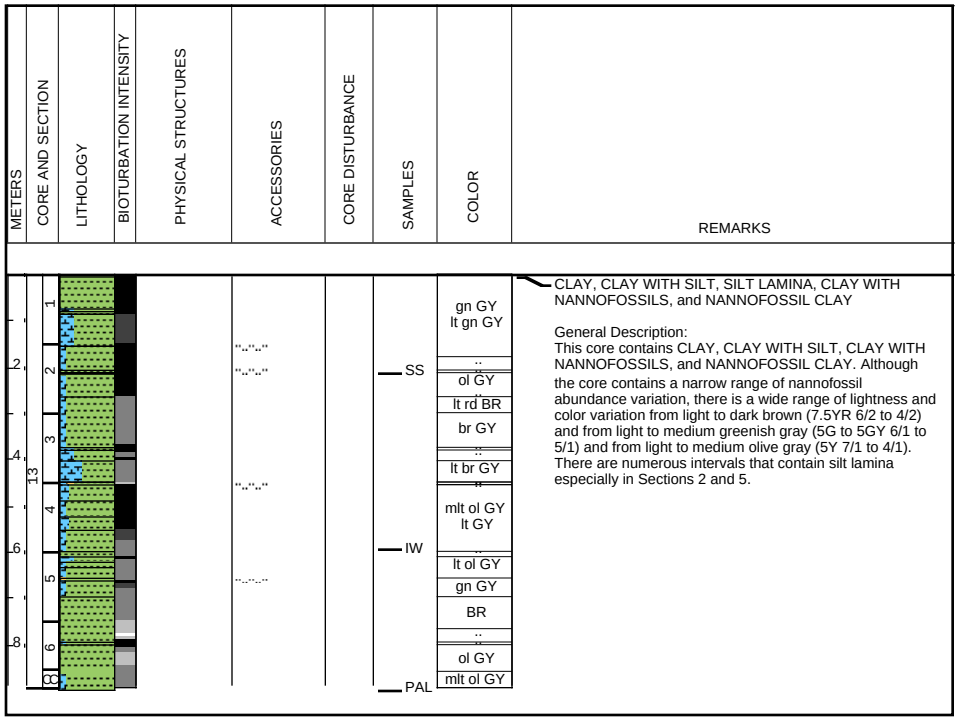
Site 1062 Hole A Core 12H

Cored 97.2-106.7 mbsf

1062A-12H



Site 1062 Hole A Core 13H — Cored 106.7-116.2 mbsf



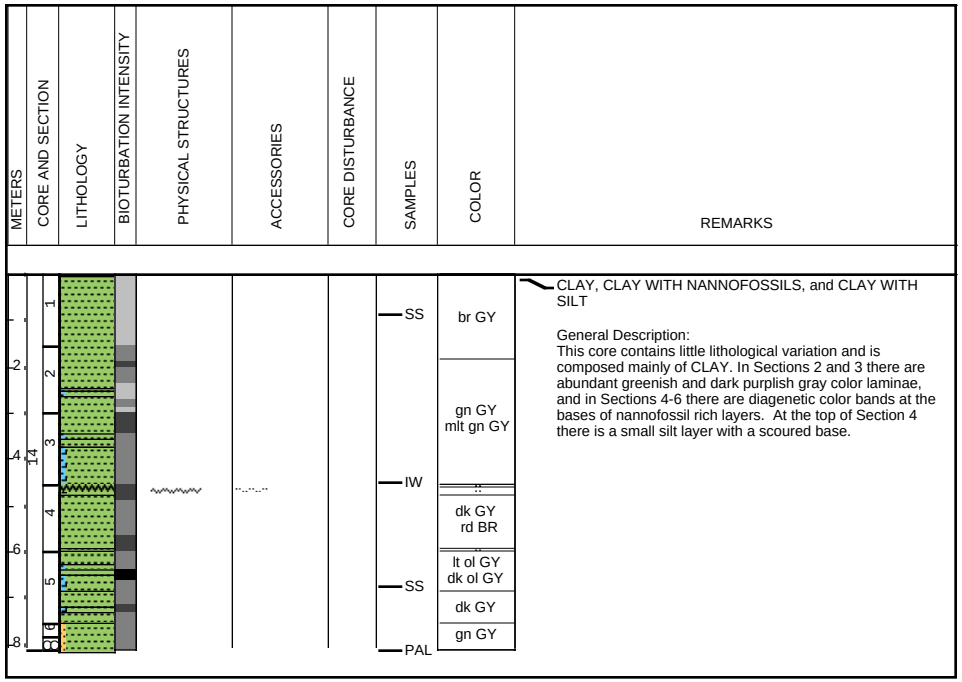
CLAY, CLAY WITH SILT, SILT LAMINA, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY

General Description:
This core contains CLAY, CLAY WITH SILT, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY. Although the core contains a narrow range of nannofossil abundance variation, there is a wide range of lightness and color variation from light to dark brown (7.5YR 6/2 to 4/2) and from light to medium greenish gray (5G to 5GY 6/1 to 5/1) and from light to medium olive gray (5Y 7/1 to 4/1). There are numerous intervals that contain silt lamina especially in Sections 2 and 5.

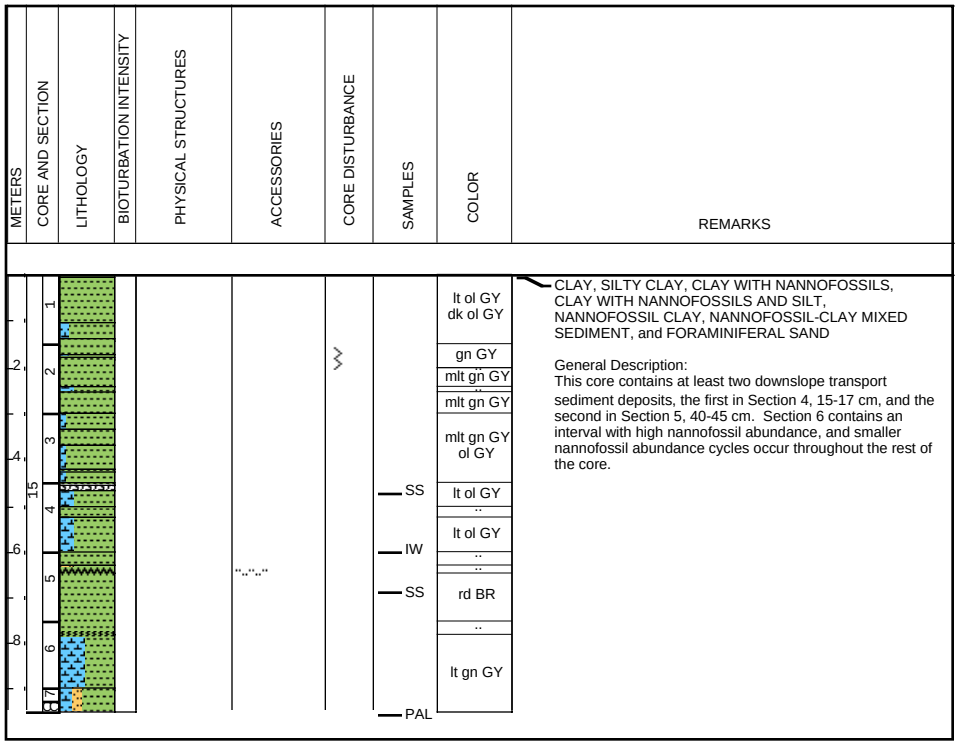
Site 1062 Hole A Core 14H

Cored 116.2-125.7 mbsf

1062A-14H



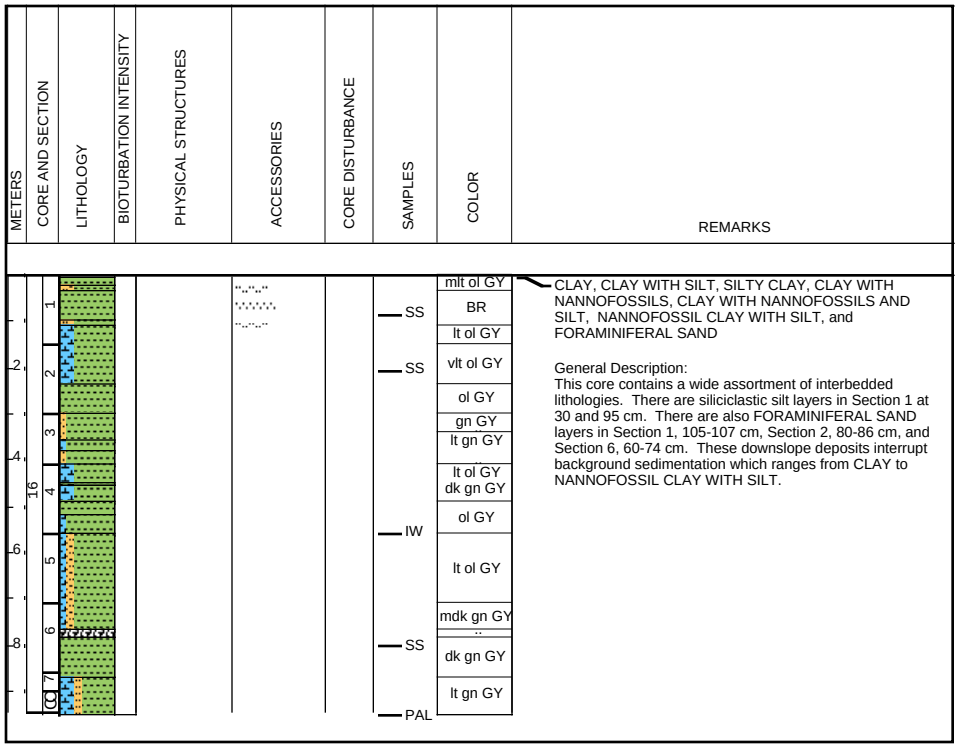
Site 1062 Hole A Core 15H **Cored 125.7-135.2 mbsf**



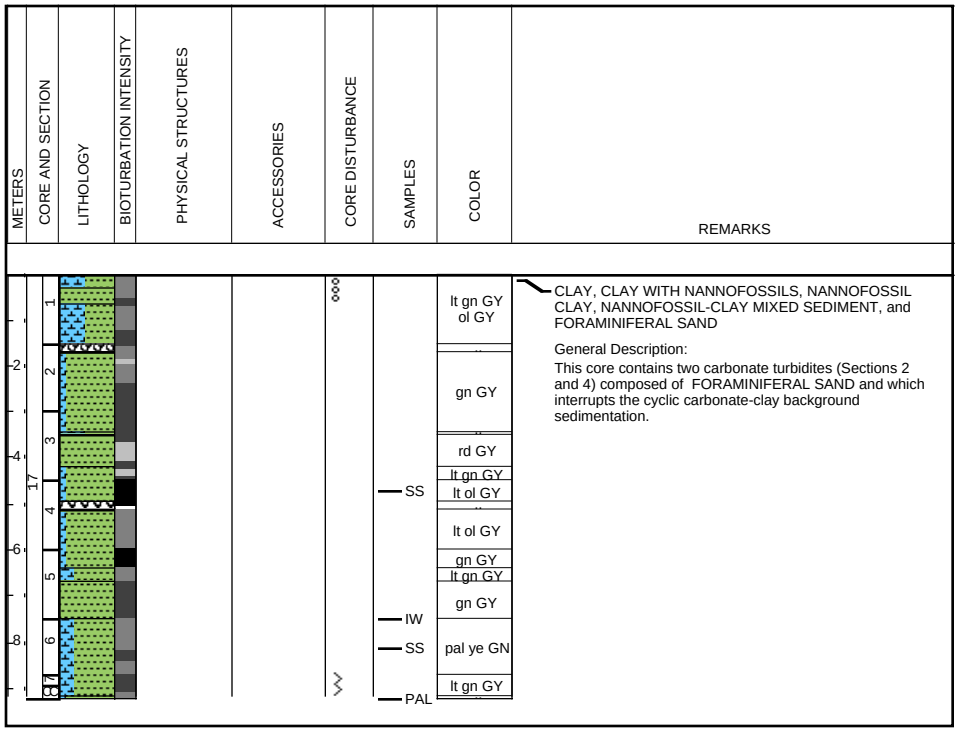
Site 1062 Hole A Core 16H

Cored 135.2-144.7 mbsf

1062A-16H

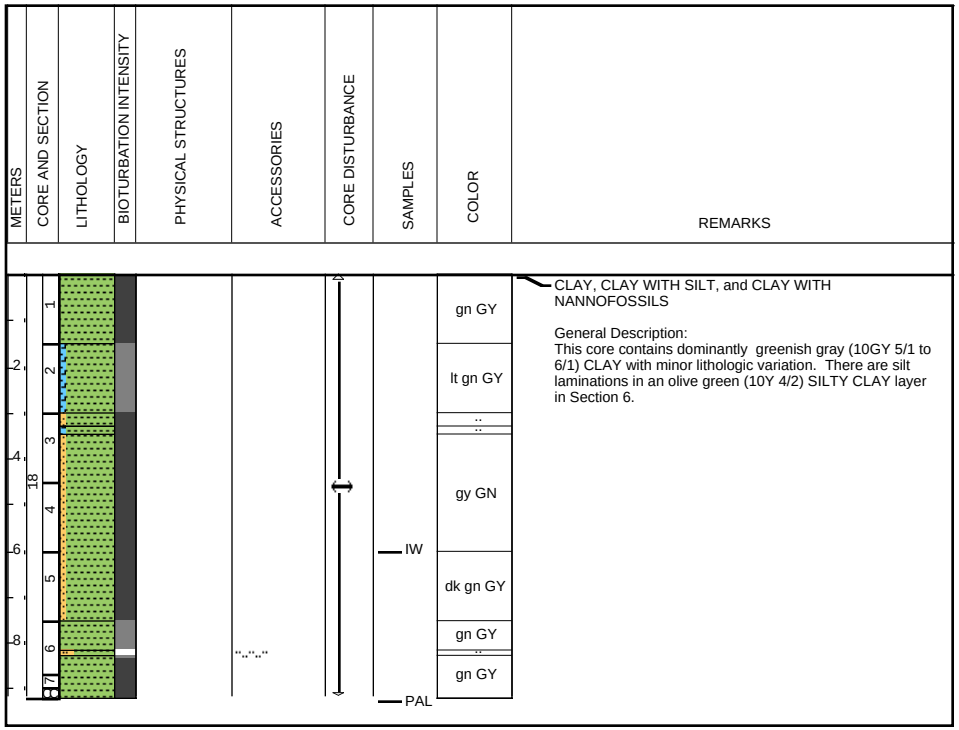


Site 1062 Hole A Core 17H **Cored 144.7-154.2 mbsf**

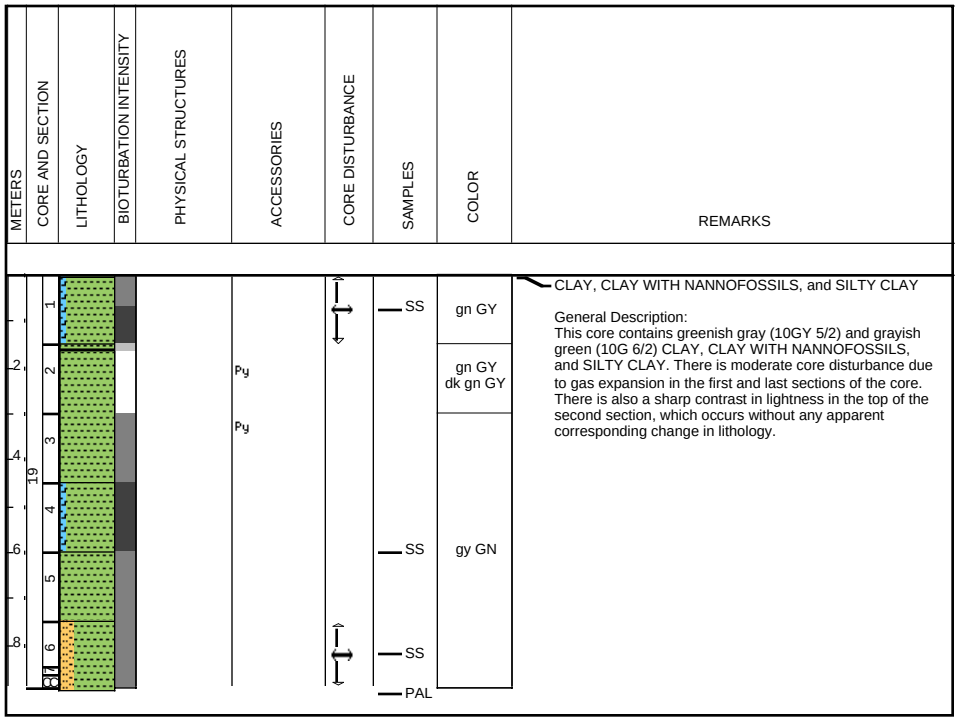


Site 1062 Hole A Core 18H **Cored 154.2-163.7 mbsf**

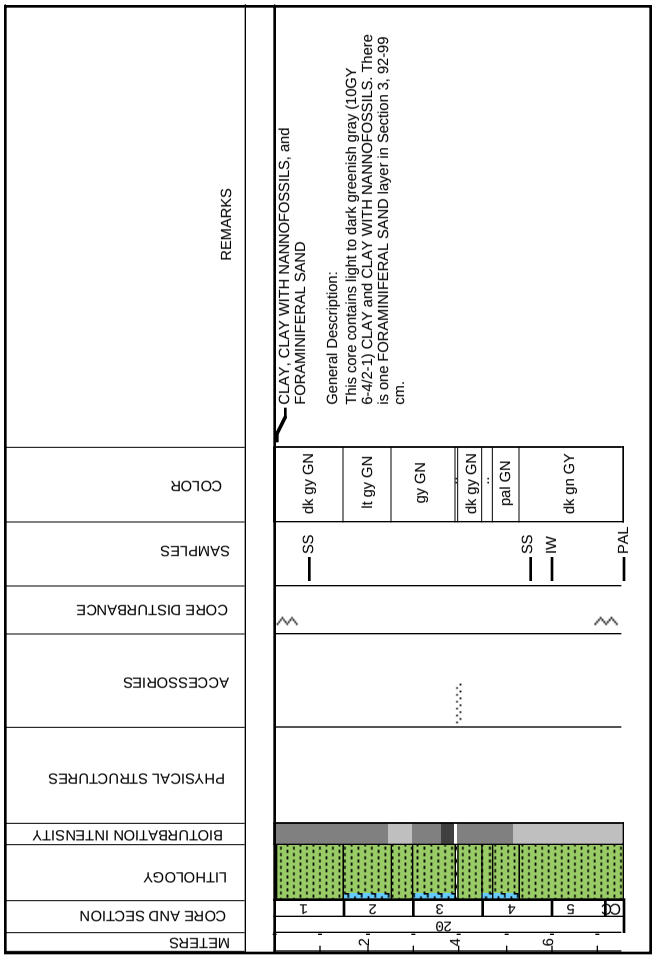
1062A-18H



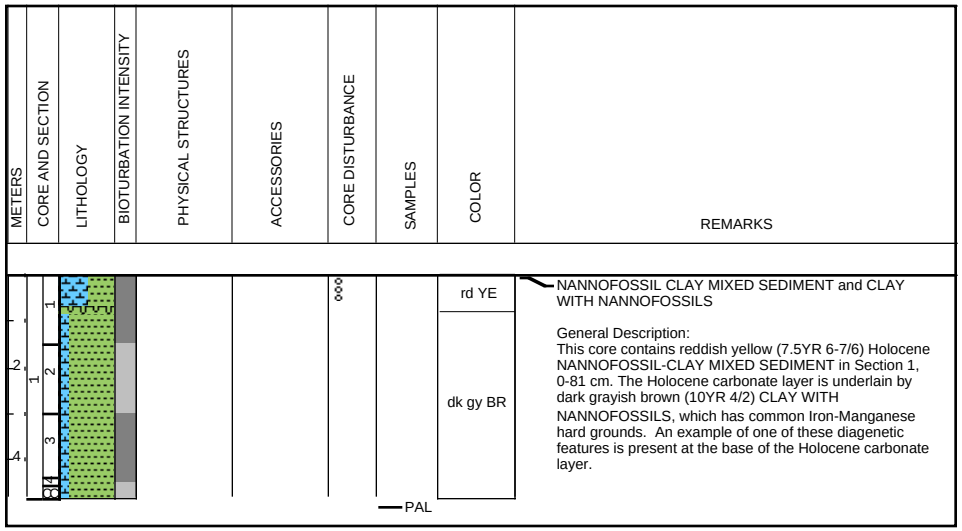
Site 1062 Hole A Core 19H **Cored 163.7-173.2 mbsf**



1062A-20H


Site 1062 Hole A Core 20H
Cored 173.2-180.7 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
1
2
3
4
5
CC
20
SS
SS
IW
PAL
dk gy GN
lt gy GN
gy GN
dk gy GN
pal GN
dk gn GY
CLAY, CLAY WITH NANNOFOSSILS, and FORAMINIFERAL SAND
General Description:
This core contains light to dark greenish gray (10GY 6-4/2-1) CLAY and CLAY WITH NANNOFOSSILS. There is one FORAMINIFERAL SAND layer in Section 3, 92-99 cm.

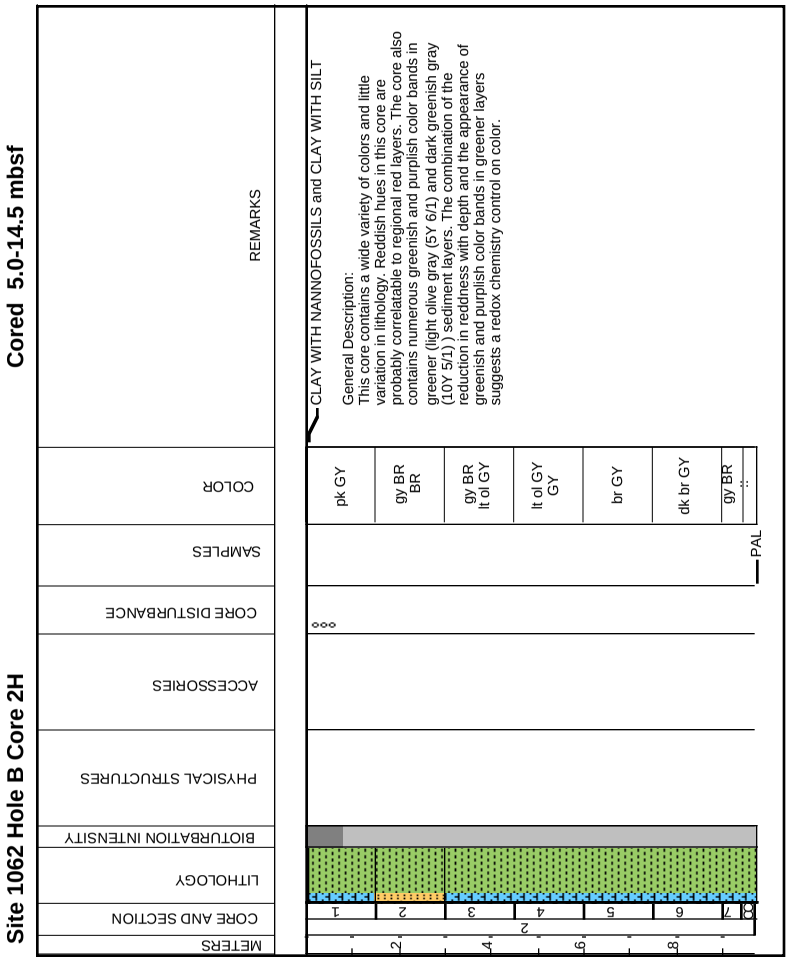
Site 1062 Hole B Core 1H **Cored 0.0-5.0 mbsf**



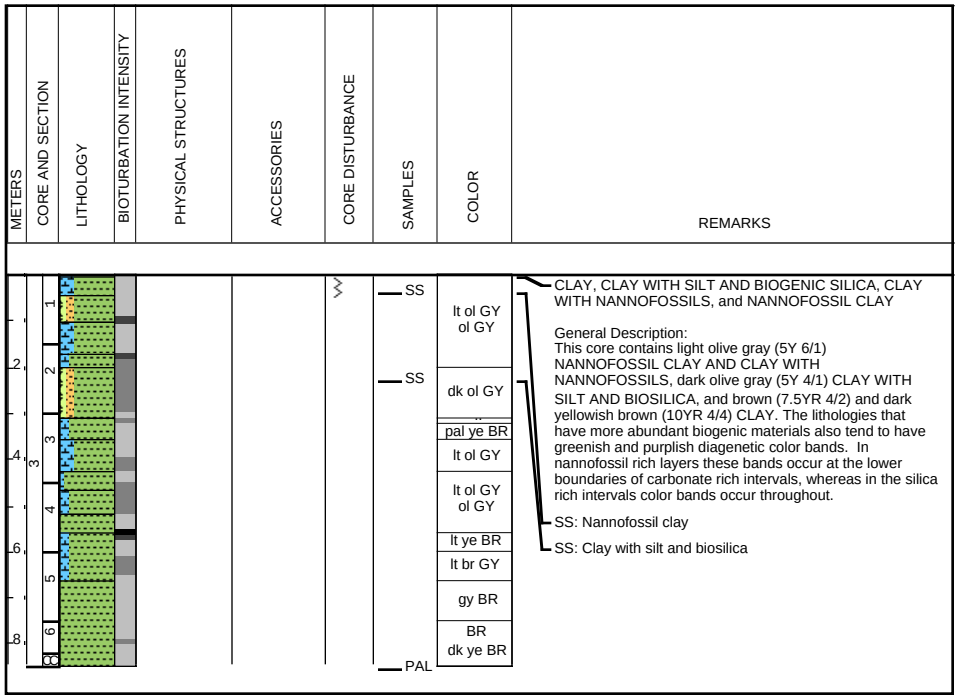
NANNOFOSSIL CLAY MIXED SEDIMENT and CLAY WITH NANNOFOSSILS

General Description:
This core contains reddish yellow (7.5YR 6-7/6) Holocene NANNOFOSSIL-CLAY MIXED SEDIMENT in Section 1, 0-81 cm. The Holocene carbonate layer is underlain by dark grayish brown (10YR 4/2) CLAY WITH NANNOFOSSILS, which has common Iron-Manganese hard grounds. An example of one of these diagenetic features is present at the base of the Holocene carbonate layer.

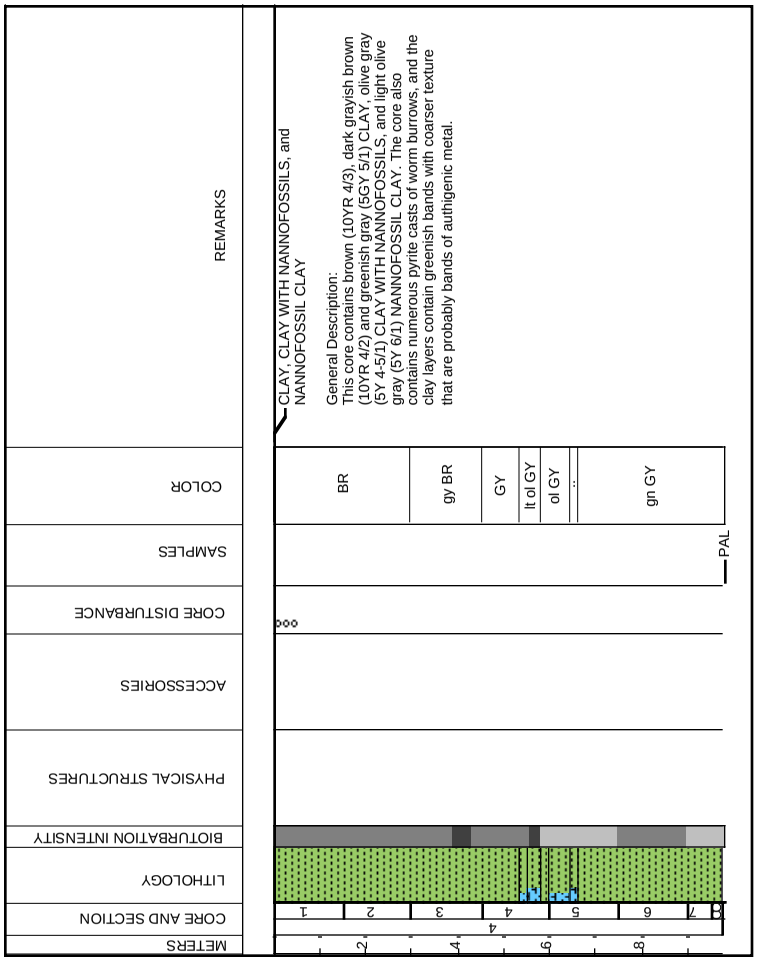
1062B-2H


Site 1062 Hole B Core 2H
Cored 5.0-14.5 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH NANNOFOSSILS and CLAY WITH SILT
General Description:
This core contains a wide variety of colors and little variation in lithology. Reddish hues in this core are probably correlatable to regional red layers. The core also contains numerous greenish and purplish color bands in greener (light olive gray (5Y 6/1) and dark greenish gray (10Y 5/1)) sediment layers. The combination of the reduction in reddness with depth and the appearance of greenish and purplish color bands in greener layers suggests a redox chemistry control on color.
pk GY
gy BR BR
gy BR lt ol GY
lt ol GY GY
br GY
dk br GY
gy BR
PAL

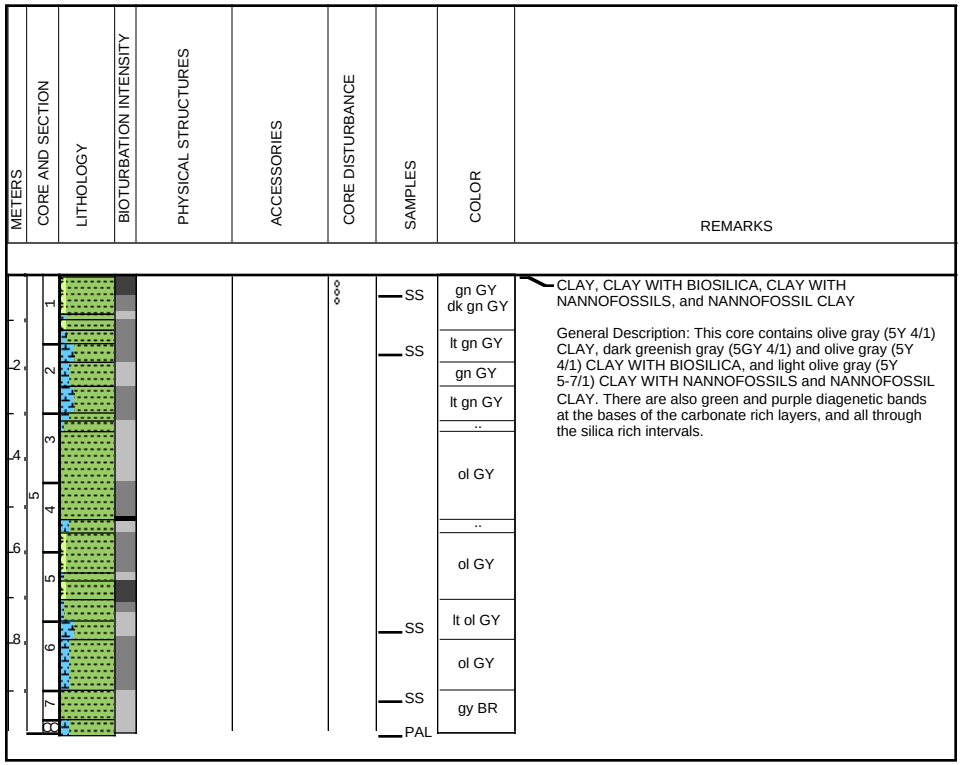
Site 1062 Hole B Core 3H **Cored 14.5-24.0 mbsf**



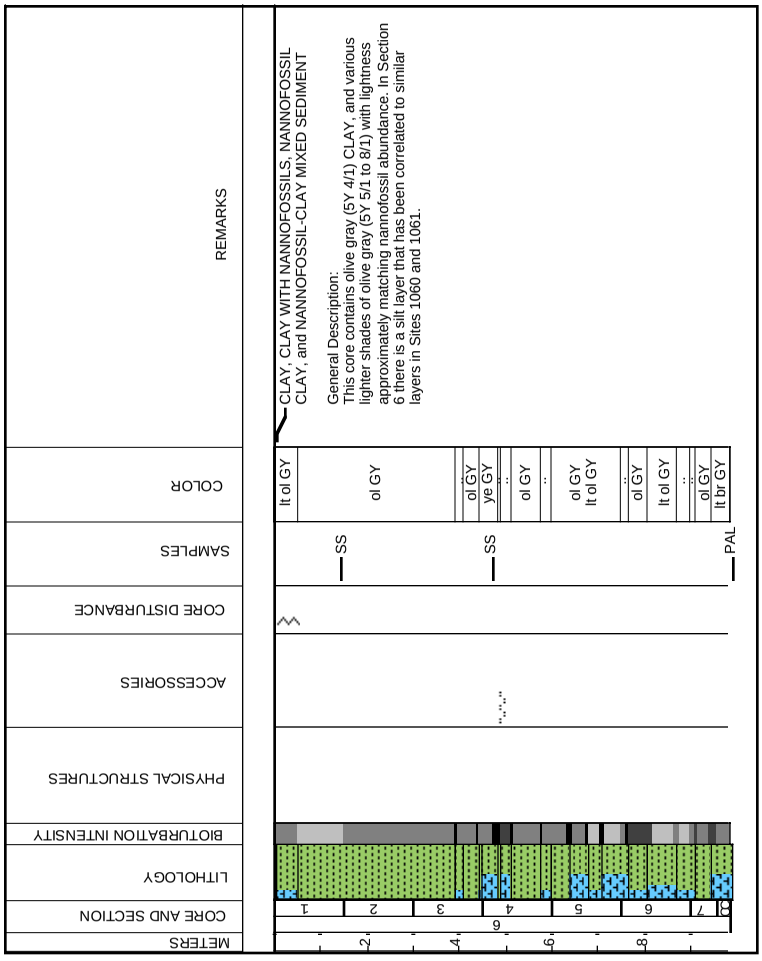
1062B-4H


Site 1062 Hole B Core 4H
Cored 24.0-33.5 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
1
2
3
4
5
6
7
CC
PAL
BR
gy BR
GY
lt ol GY
ol GY
gn GY
CLAY, CLAY WITH NANNOFOSSILS, and NANNOFOSSIL CLAY
General Description:
This core contains brown (10YR 4/3), dark grayish brown (10YR 4/2) and greenish gray (5GY 5/1) CLAY; olive gray (5Y 4-5/1) CLAY WITH NANNOFOSSILS, and light olive gray (5Y 6/1) NANNOFOSSIL CLAY. The core also contains numerous pyrite casts of worm burrows, and the clay layers contain greenish bands with coarser texture that are probably bands of authigenic metal.

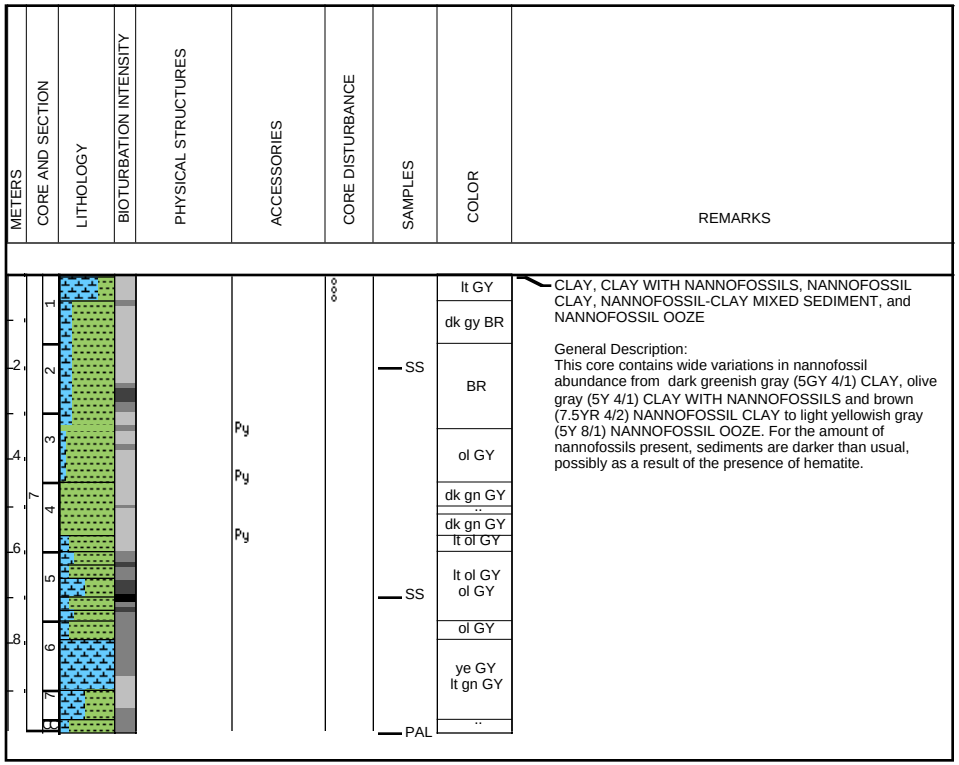
Site 1062 Hole B Core 5H **Cored 33.5-43.0 mbsf**



1062B-6H


Site 1062 Hole B Core 6H
Cored 43.0-52.5 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
SS
SS
PAL
lt ol GY
ol GY
ol GY
ye GY
ol GY
ol GY
lt ol GY
ol GY
lt ol GY
ol GY
lt br GY
CLAY, CLAY WITH NANNOFOSSILS, NANNOFOSSIL CLAY, and NANNOFOSSIL-CLAY MIXED SEDIMENT
General Description:
This core contains olive gray (5Y 4/1) CLAY, and various lighter shades of olive gray (5Y 5/1 to 8/1) with lightness approximately matching nannofossil abundance. In Section 6 there is a silt layer that has been correlated to similar layers in Sites 1060 and 1061.

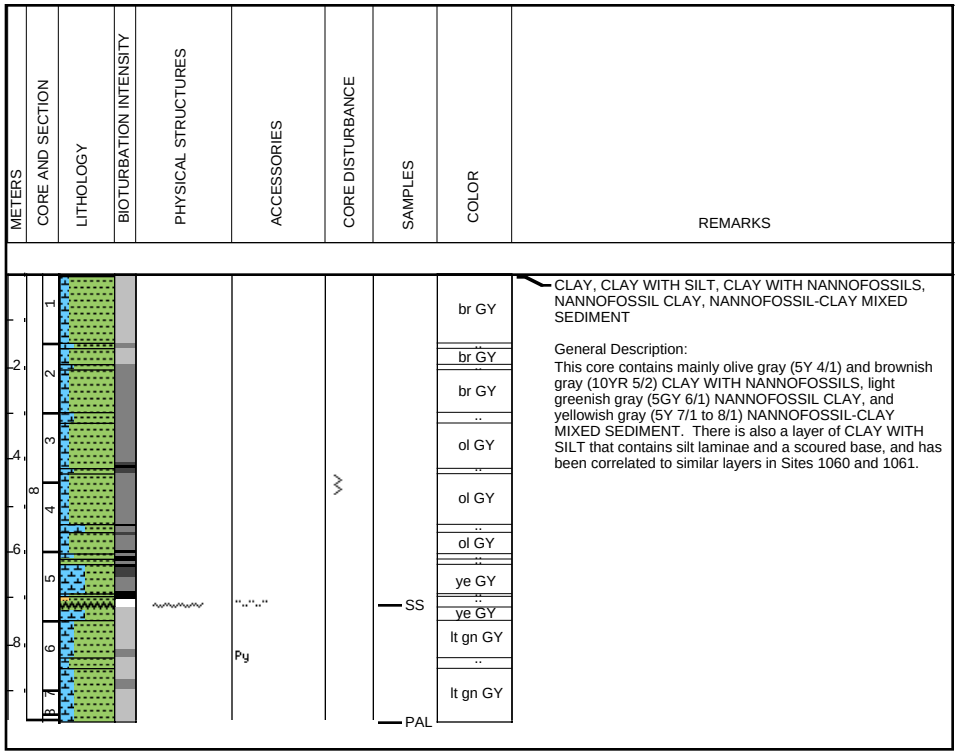
Site 1062 Hole B Core 7H **Cored 52.5-62.0 mbsf**



Site 1062 Hole B Core 8H

Cored 62.0-71.5 mbsf

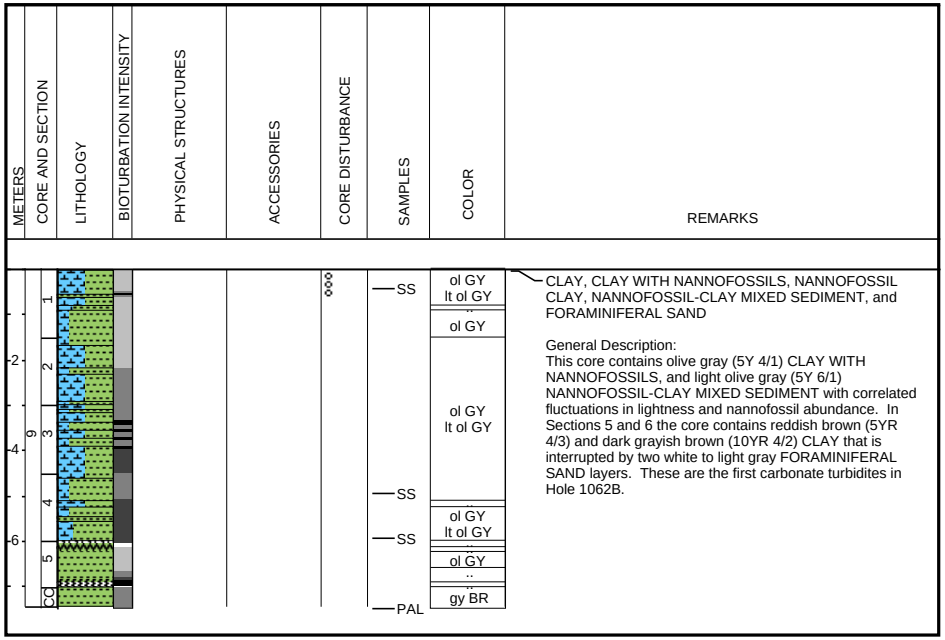
1062B-8H



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

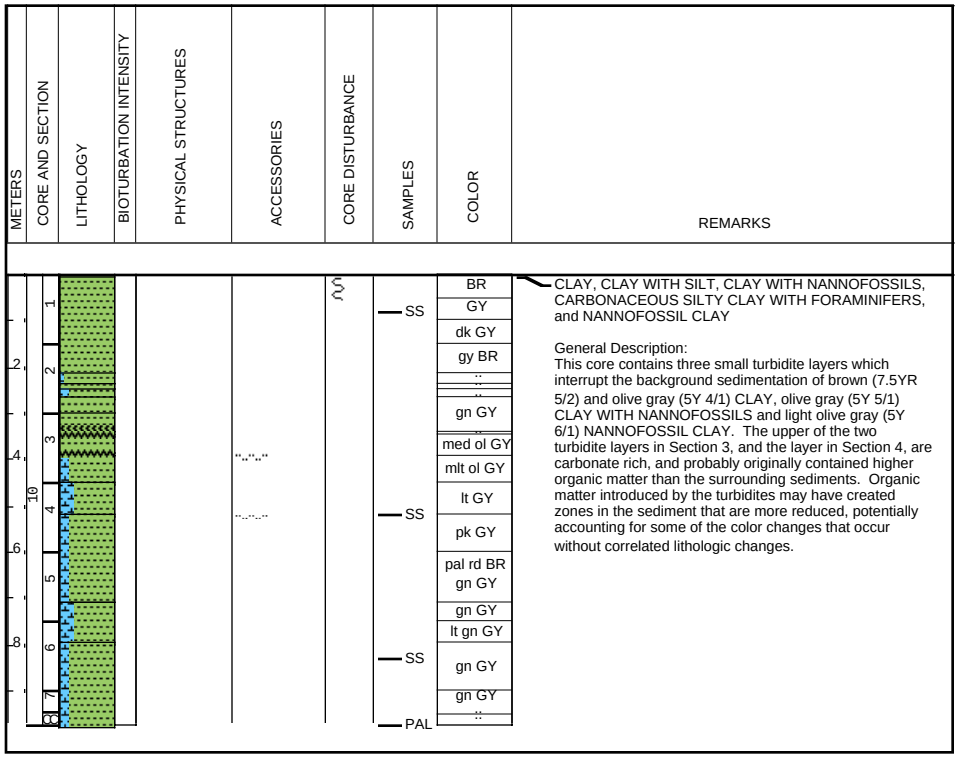
General Description:
This core contains mainly olive gray (5Y 4/1) and brownish gray (10YR 5/2) CLAY WITH NANNOFOSSILS, light greenish gray (5GY 6/1) NANNOFOSSIL CLAY, and yellowish gray (5Y 7/1 to 8/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. There is also a layer of CLAY WITH SILT that contains silt laminae and a scoured base, and has been correlated to similar layers in Sites 1060 and 1061.

Site 1062 Hole B Core 9H **Cored 71.5-81.0 mbsf**

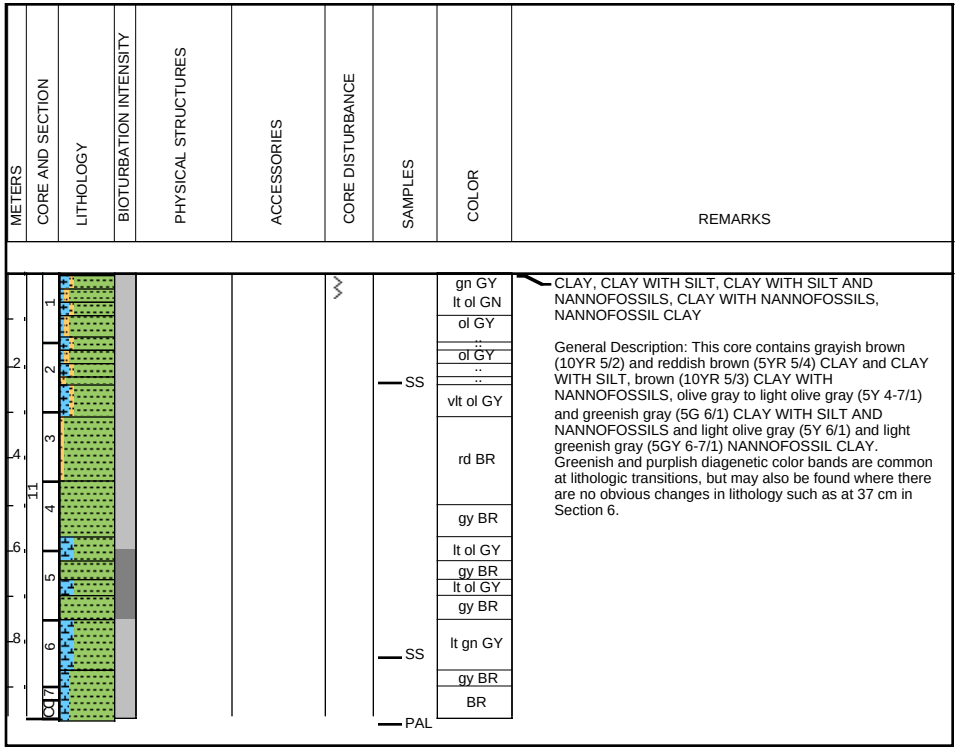


Site 1062 Hole B Core 10H

Cored 81.0-90.5 mbsf



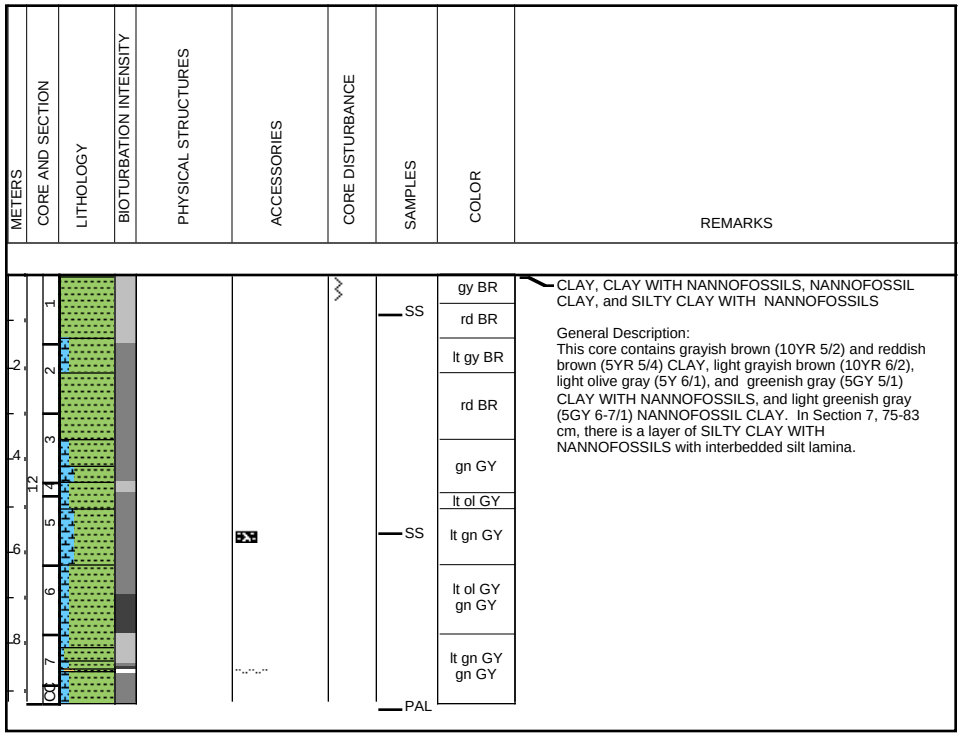
Site 1062 Hole B Core 11H **Cored 90.5-100.0 mbsf**



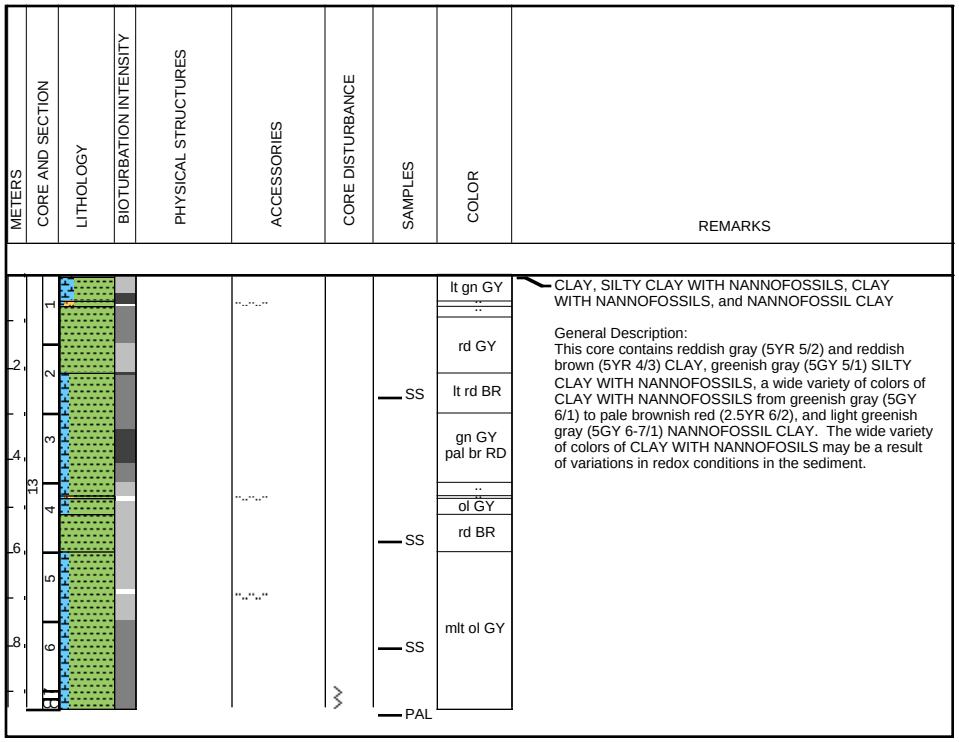
Site 1062 Hole B Core 12H

Cored 100.0-109.5 mbsf

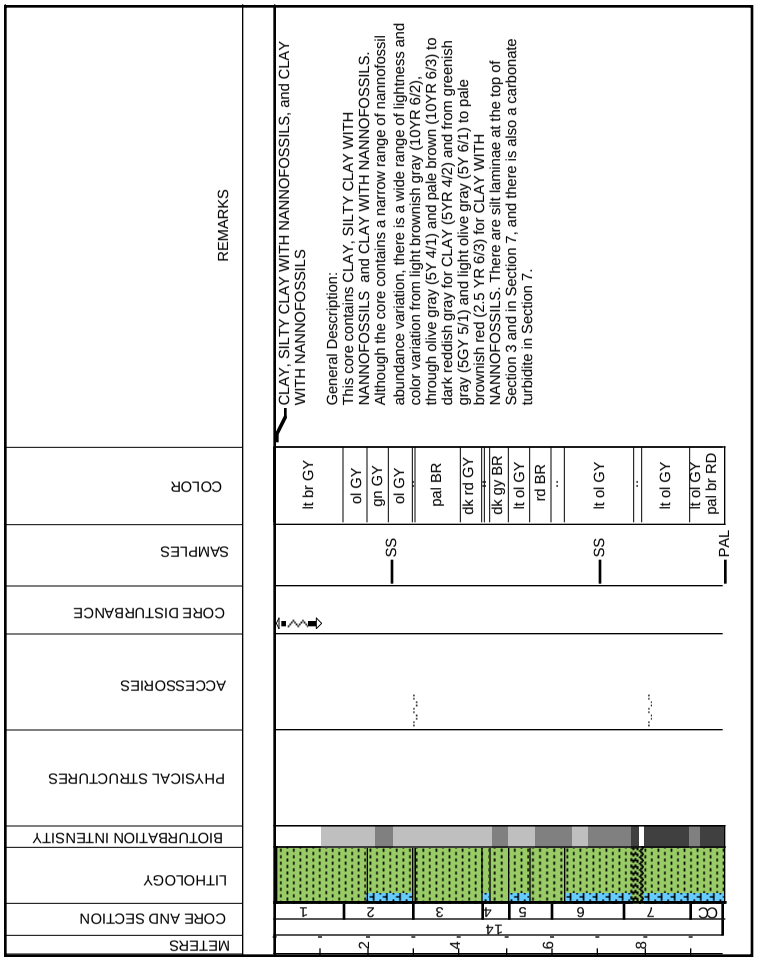
1062B-12H



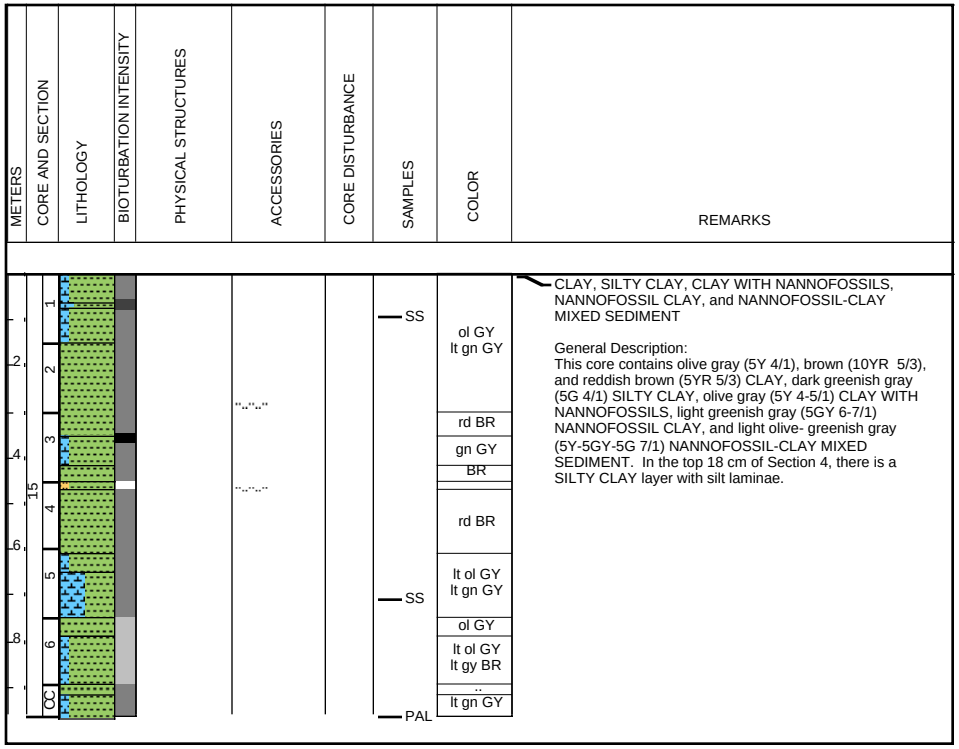
Site 1062 Hole B Core 13H **Cored 109.5-119.0 mbsf**



1062B-14H


Site 1062 Hole B Core 14H
Cored 119.0-128.5 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY, SILTY CLAY WITH NANNOFOSSILS, and CLAY WITH NANNOFOSSILS
General Description:
This core contains CLAY, SILTY CLAY WITH NANNOFOSSILS and CLAY WITH NANNOFOSSILS. Although the core contains a narrow range of nannofossil abundance variation, there is a wide range of lightness and color variation from light brownish gray (10YR 6/2), through olive gray (5Y 4/1) and pale brown (10YR 6/3) to dark reddish gray for CLAY (5YR 4/2) and from greenish gray (5GY 5/1) and light olive gray (5Y 6/1) to pale brownish red (2.5 YR 6/3) for CLAY WITH NANNOFOSSILS. There are silt laminae at the top of Section 3 and in Section 7, and there is also a carbonate turbidite in Section 7.
lt br GY
ol GY
gn GY
ol GY
pal BR
dk rd GY
dk gy BR
lt ol GY
rd BR
lt ol GY
lt ol GY
lt ol GY
pal br RD
SS
SS
PAL
1
2
3
4
5
6
7
CC
14

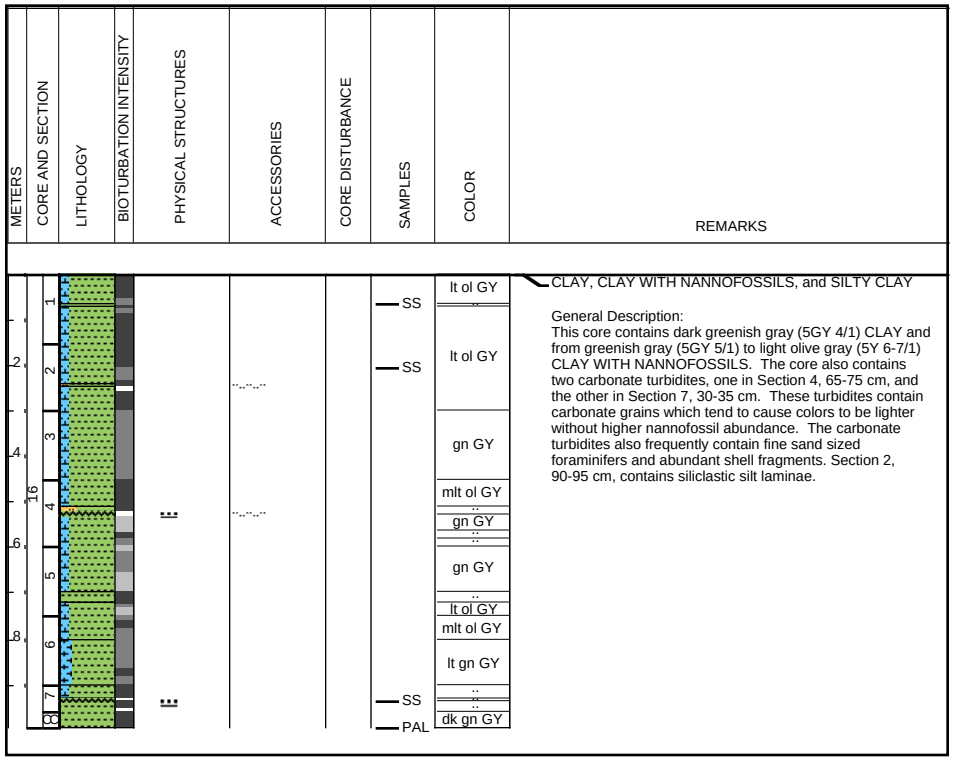
Site 1062 Hole B Core 15H **Cored 128.5-138.0 mbsf**



Site 1062 Hole B Core 16H

Cored 138.0-147.5 mbsf

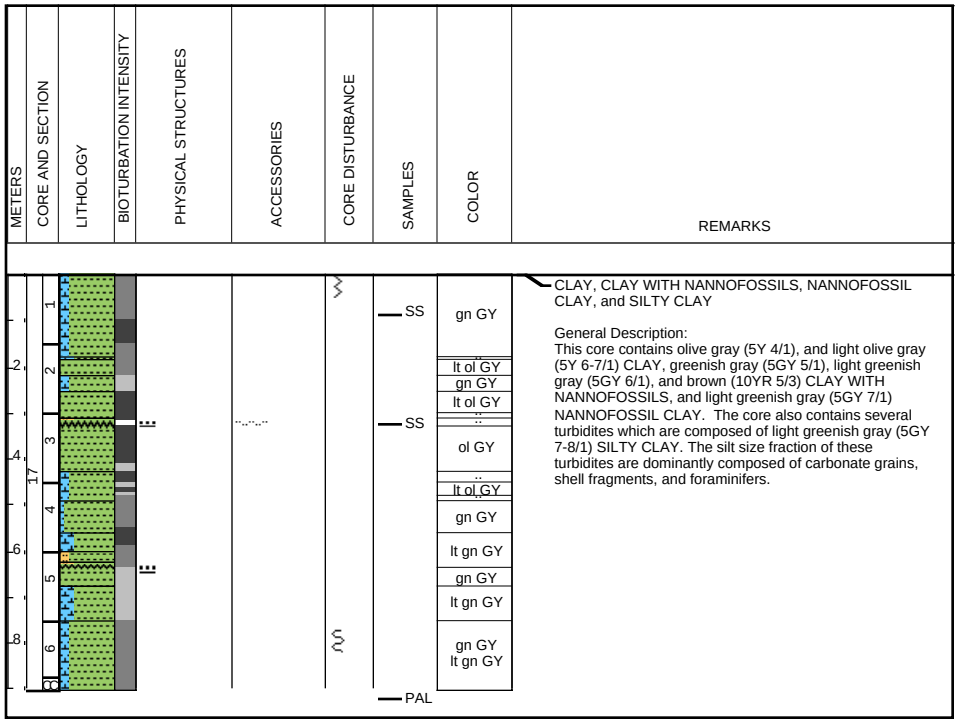
1062B-16H



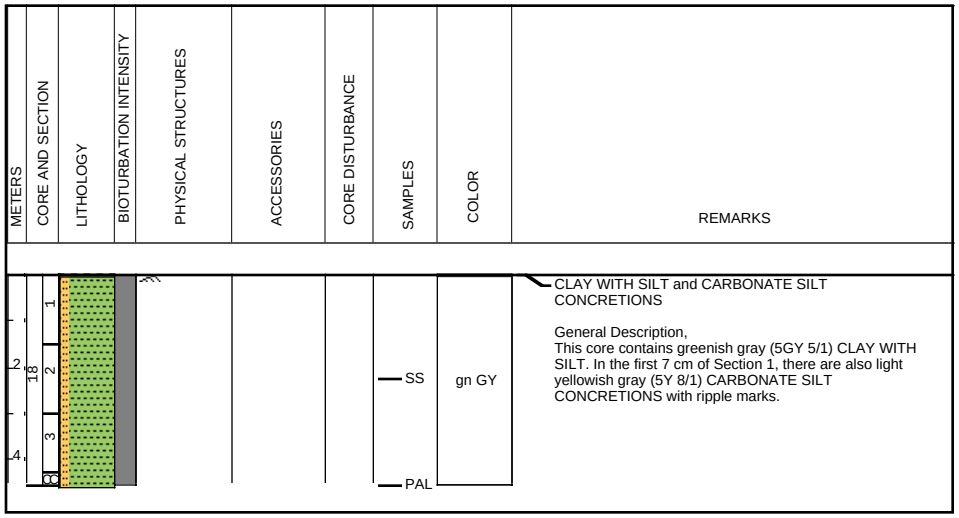
CLAY, CLAY WITH NANNOFOSSILS, and SILTY CLAY

General Description:
This core contains dark greenish gray (5GY 4/1) CLAY and from greenish gray (5GY 5/1) to light olive gray (5Y 6-7/1) CLAY WITH NANNOFOSSILS. The core also contains two carbonate turbidites, one in Section 4, 65-75 cm, and the other in Section 7, 30-35 cm. These turbidites contain carbonate grains which tend to cause colors to be lighter without higher nannofossil abundance. The carbonate turbidites also frequently contain fine sand sized foraminifers and abundant shell fragments. Section 2, 90-95 cm, contains siliclastic silt laminae.

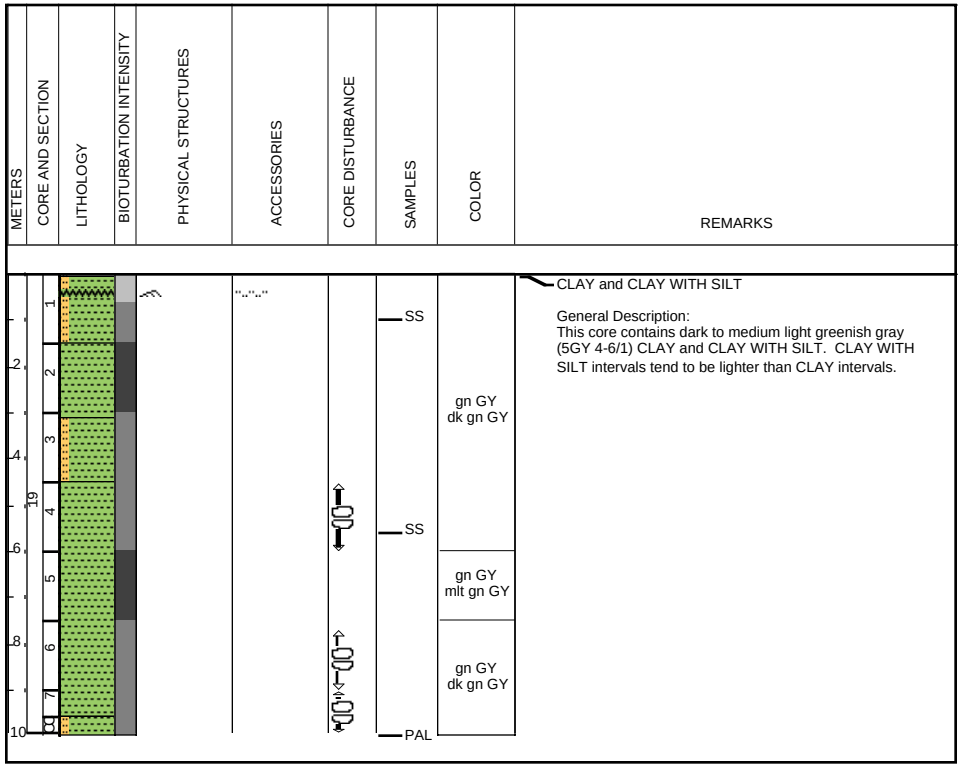
Site 1062 Hole B Core 17H — Cored 147.5-156.7 mbsf



Site 1062 Hole B Core 18X **Cored 156.7-162.1 mbsf**

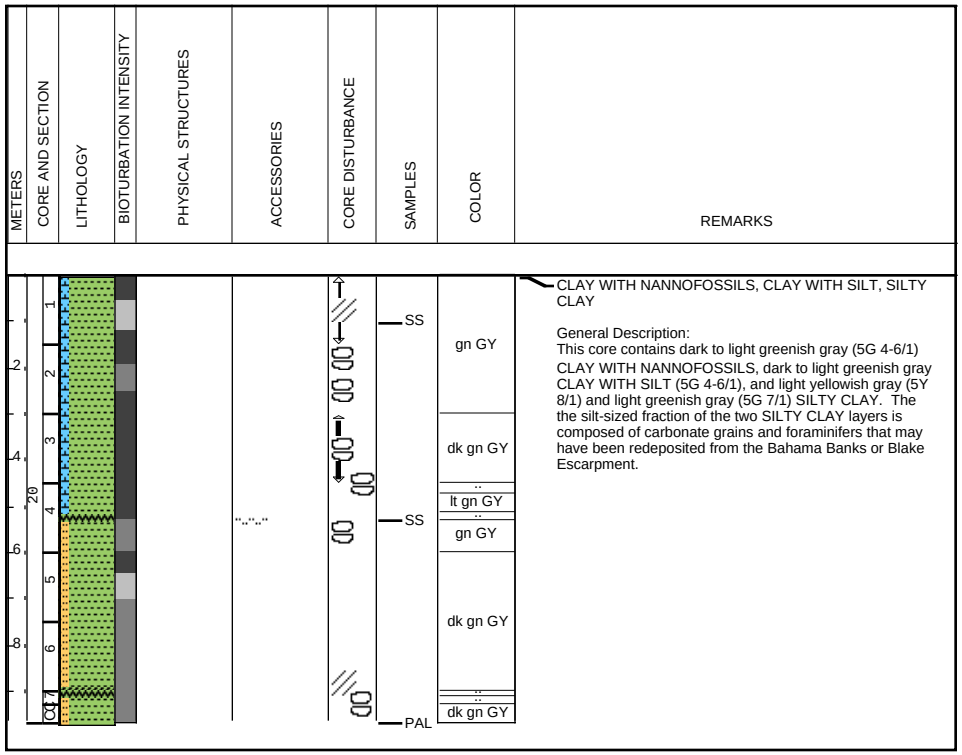


Site 1062 Hole B Core 19X **Cored 162.1-171.7 mbsf**

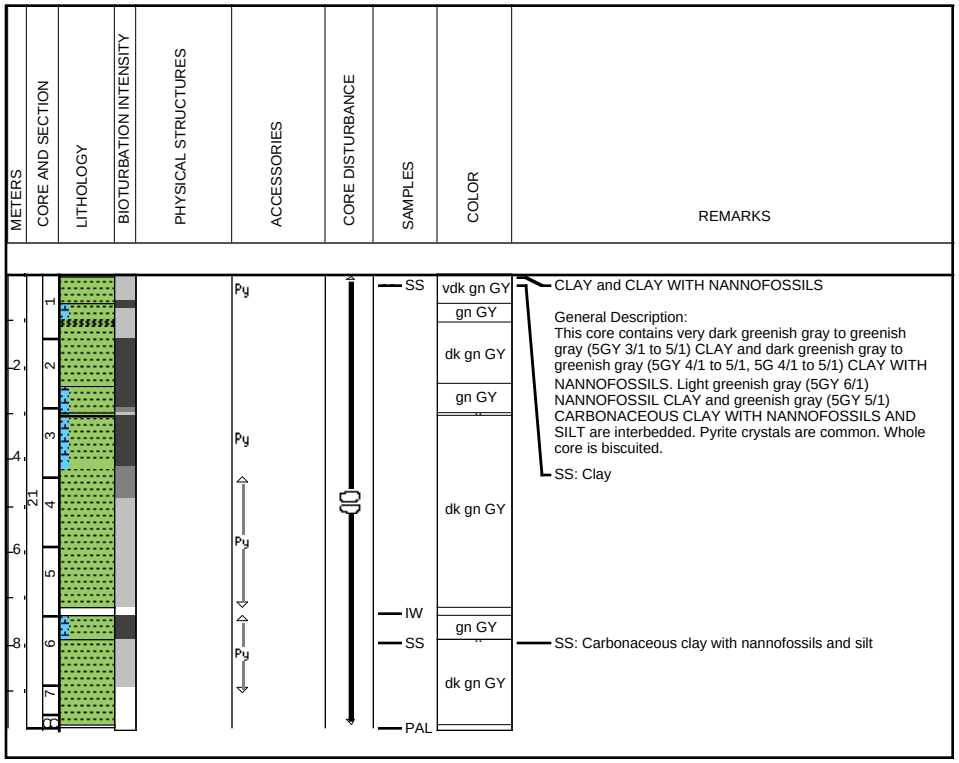


Site 1062 Hole B Core 20X

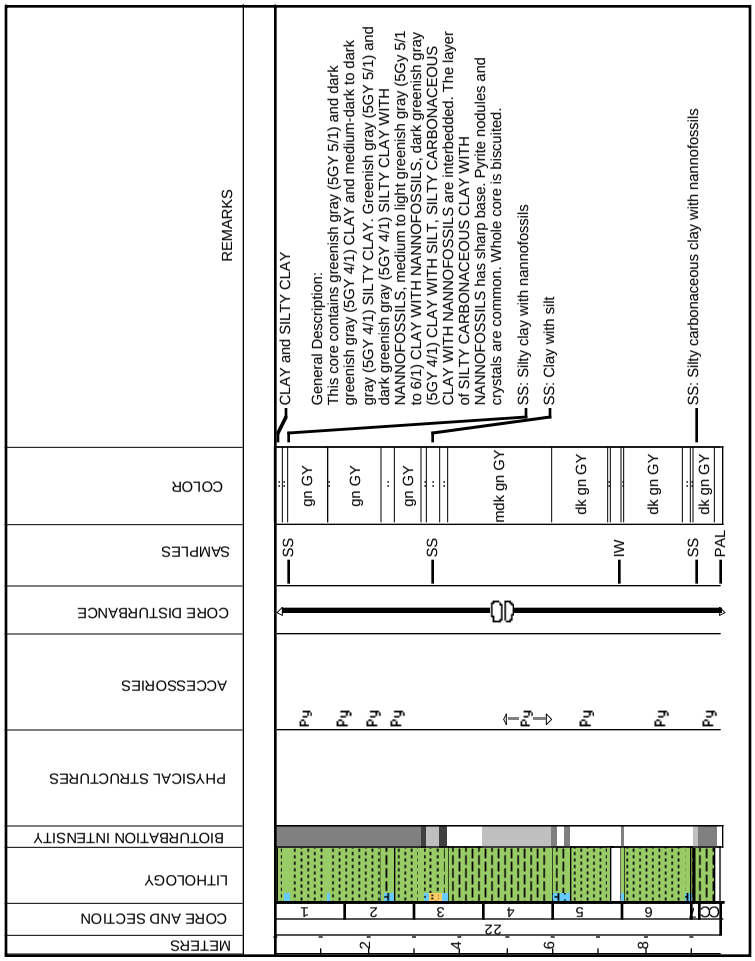
Cored 171.7-181.3 mbsf



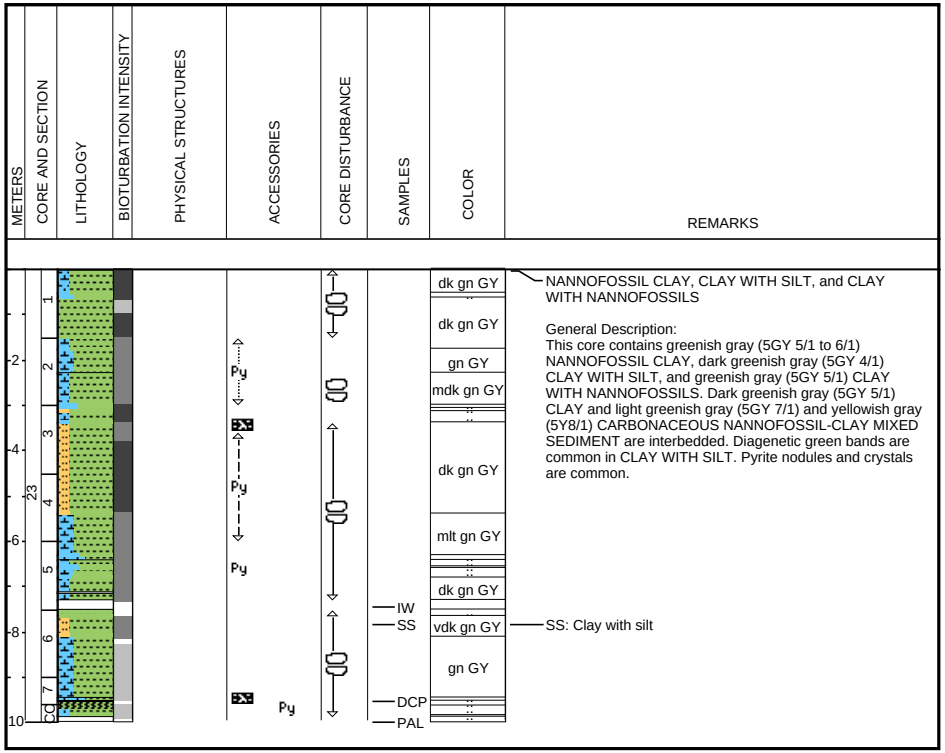
Site 1062 Hole B Core 21X **Cored 181.3-190.9 mbsf**



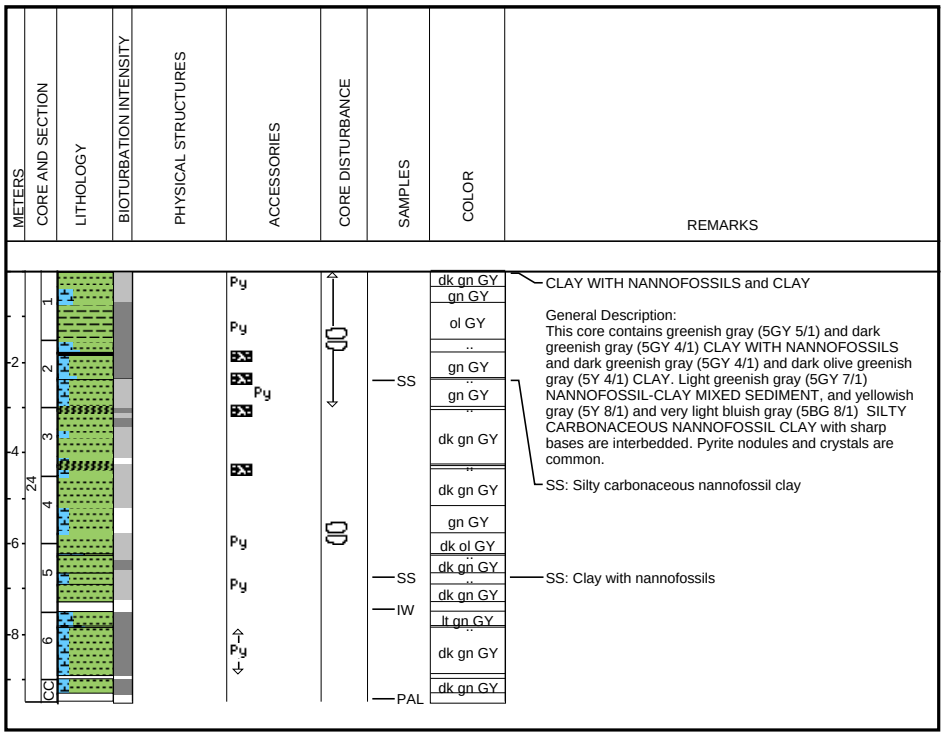
1062B-22X


Site 1062 Hole B Core 22X
Cored 190.9-200.5 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY and SILTY CLAY
General Description:
This core contains greenish gray (5GY 5/1) and dark greenish gray (5GY 4/1) CLAY and medium-dark to dark gray (5GY 4/1) SILTY CLAY. Greenish gray (5GY 5/1) and dark greenish gray (5GY 4/1) SILTY CLAY WITH NANNOFOSSILS, medium to light greenish gray (5Gy 5/1 to 6/1) CLAY WITH NANNOFOSSILS, dark greenish gray (5GY 4/1) CLAY WITH SILT, SILTY CARBONACEOUS CLAY WITH NANNOFOSSILS are interbedded. The layer of SILTY CARBONACEOUS CLAY WITH NANNOFOSSILS has sharp base. Pyrite nodules and crystals are common. Whole core is biscuited.
SS: Silty clay with nannofossils
SS: Clay with silt
SS: Silty carbonaceous clay with nannofossils
gn GY
gn GY
gn GY
mdk gn GY
dk gn GY
dk gn GY
dk gn GY
SS
SS
IW
SS
PAL
Py

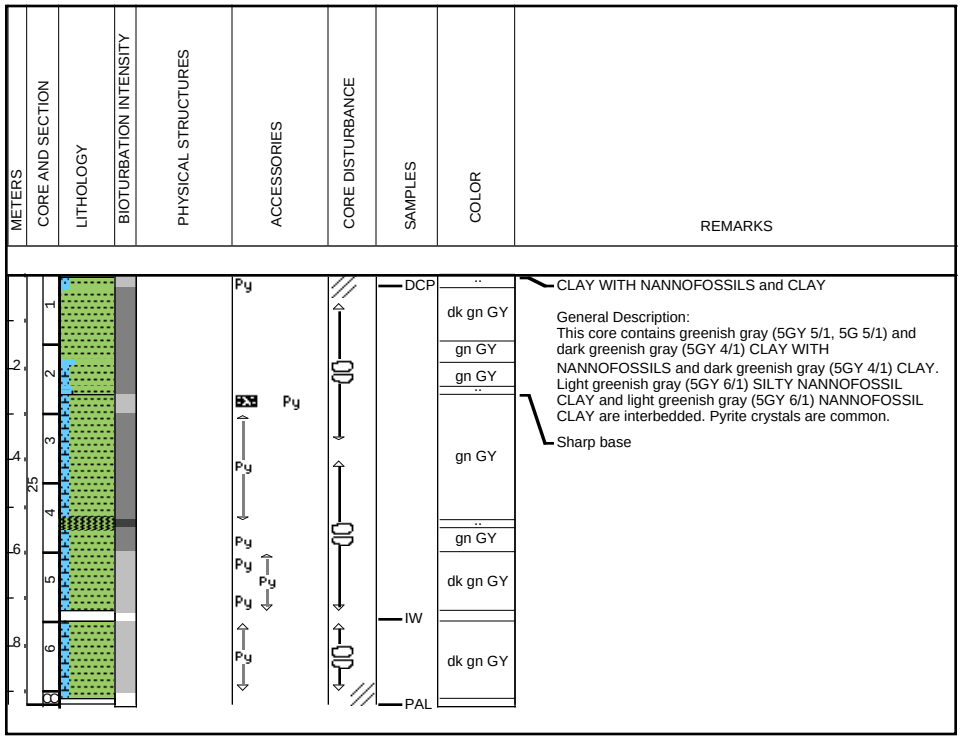
Site 1062 Hole B Core 23X **Cored 200.5-210.2 mbsf**



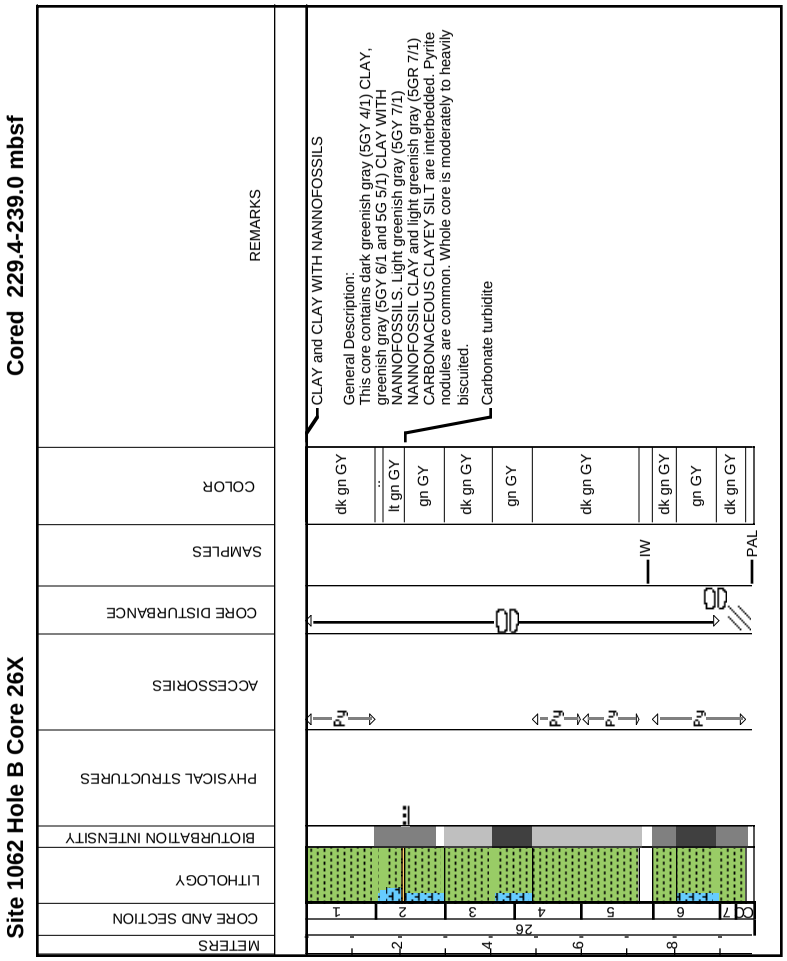
Site 1062 Hole B Core 24X **Cored 210.2-219.8 mbsf**



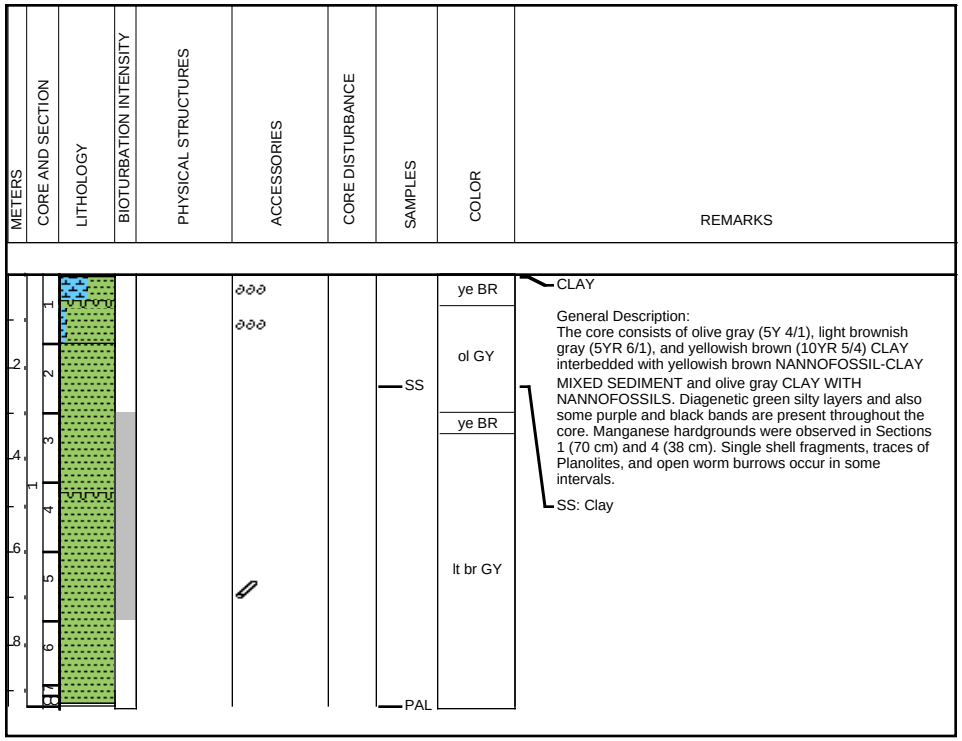
Site 1062 Hole B Core 25X **Cored 219.8-229.4 mbsf**



1062B-26X


Site 1062 Hole B Core 26X
Cored 229.4-239.0 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 dark greenish gray (5GY 4/1) CLAY, greenish gray (5GY 6/1 and 5G 5/1) CLAY WITH NANNOFOSSILS. Light greenish gray (5GY 7/1) NANNOFOSSIL CLAY and light greenish gray (5GR 7/1) CARBONACEOUS CLAYEY SILT are interbedded. Pyrite nodules are common. Whole core is moderately to heavily biscuited.
Carbonate turbidite
dk gn GY
lt gn GY
gn GY
dk gn GY
gn GY
dk gn GY
dk gn GY
gn GY
dk gn GY
IW
PAL
Py
1
2
3
4
5
6
7
CC
26
2
4
6
8

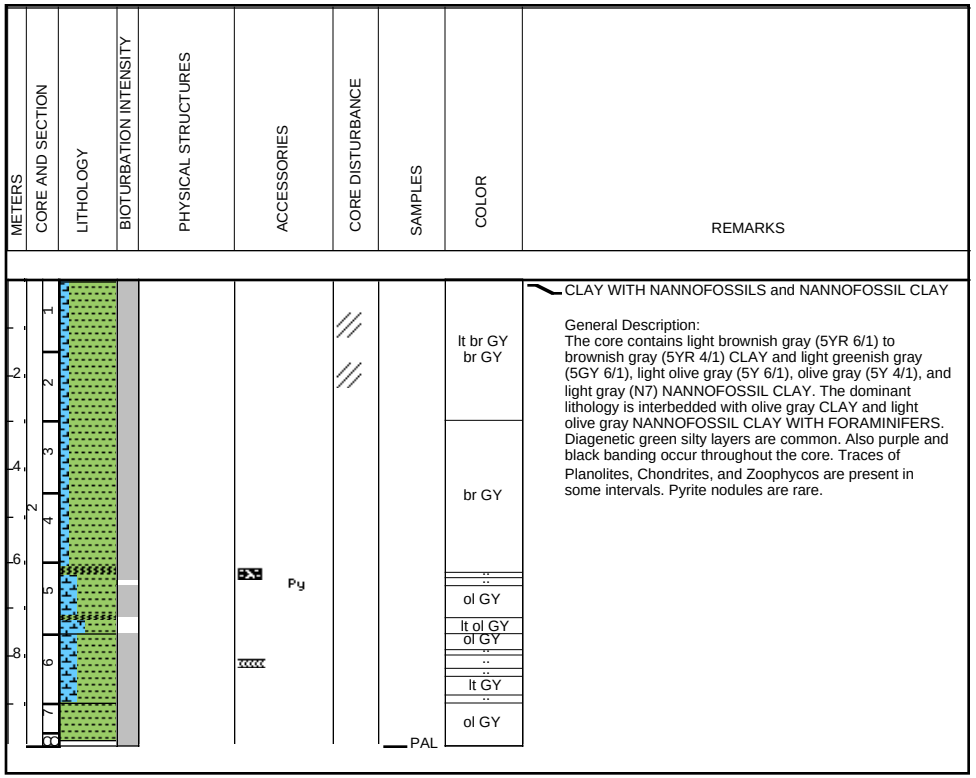
Site 1062 Hole C Core 1H **Cored 0.0-9.4 mbsf**



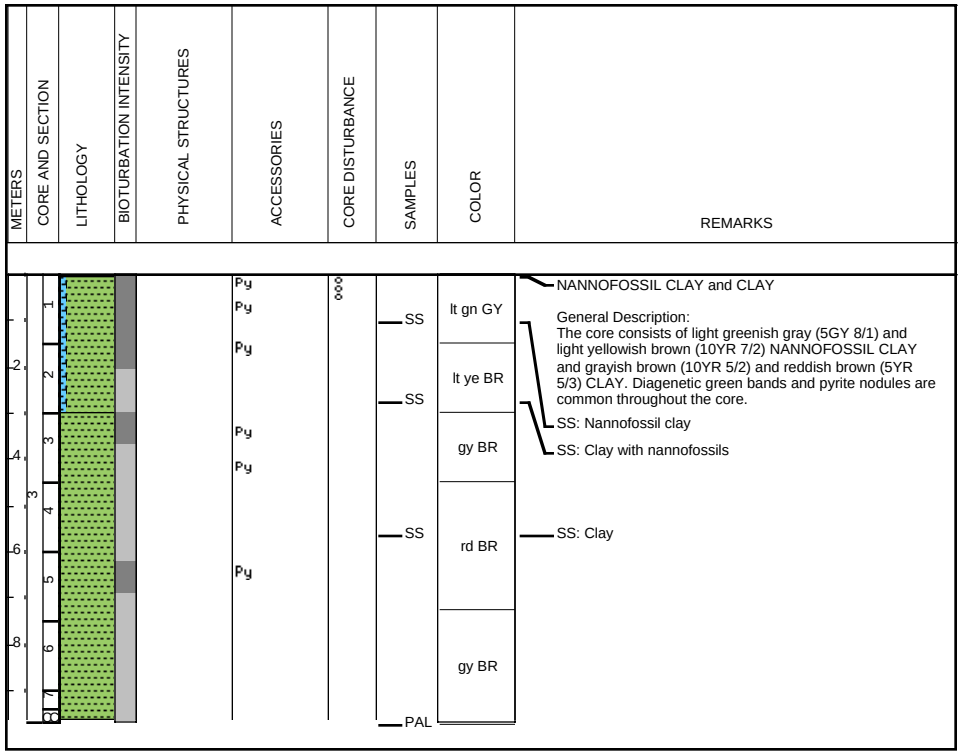
Site 1062 Hole C Core 2H

Cored 9.4-18.9 mbsf

1062C-2H



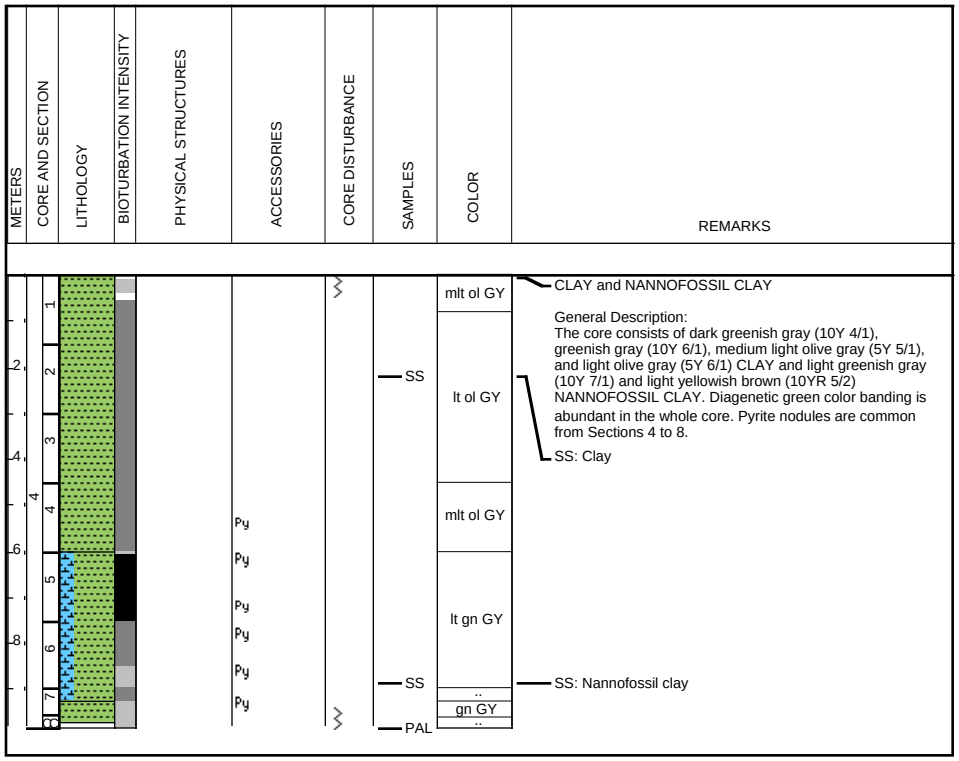
Site 1062 Hole C Core 3H **Cored 18.9-28.4 mbsf**



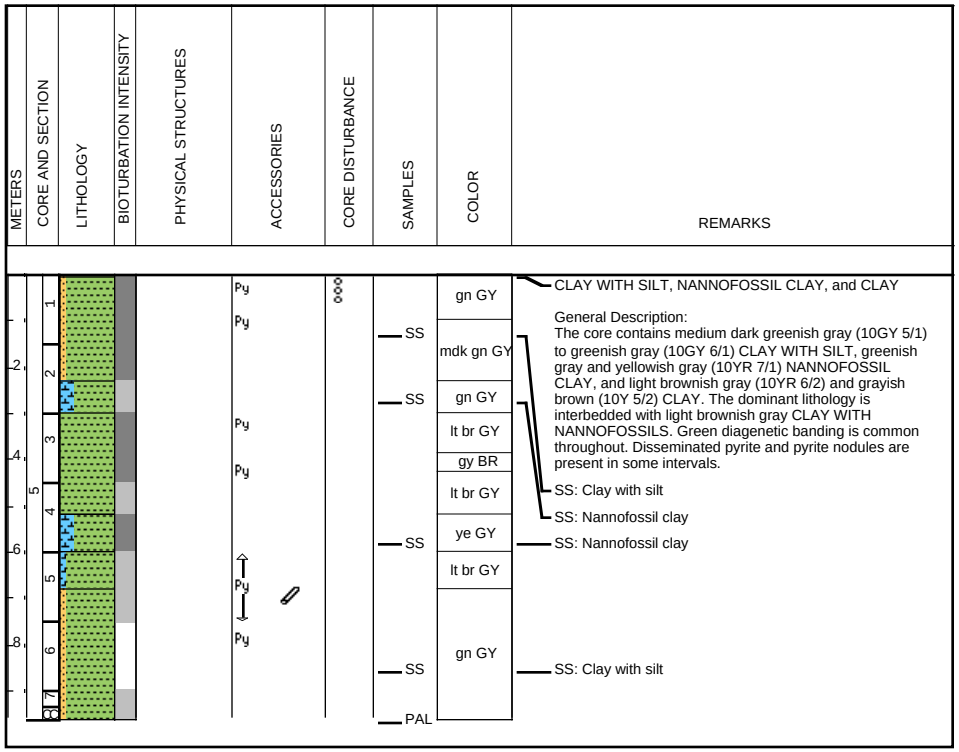
Site 1062 Hole C Core 4H

Cored 28.4-37.9 mbsf

1062C-4H

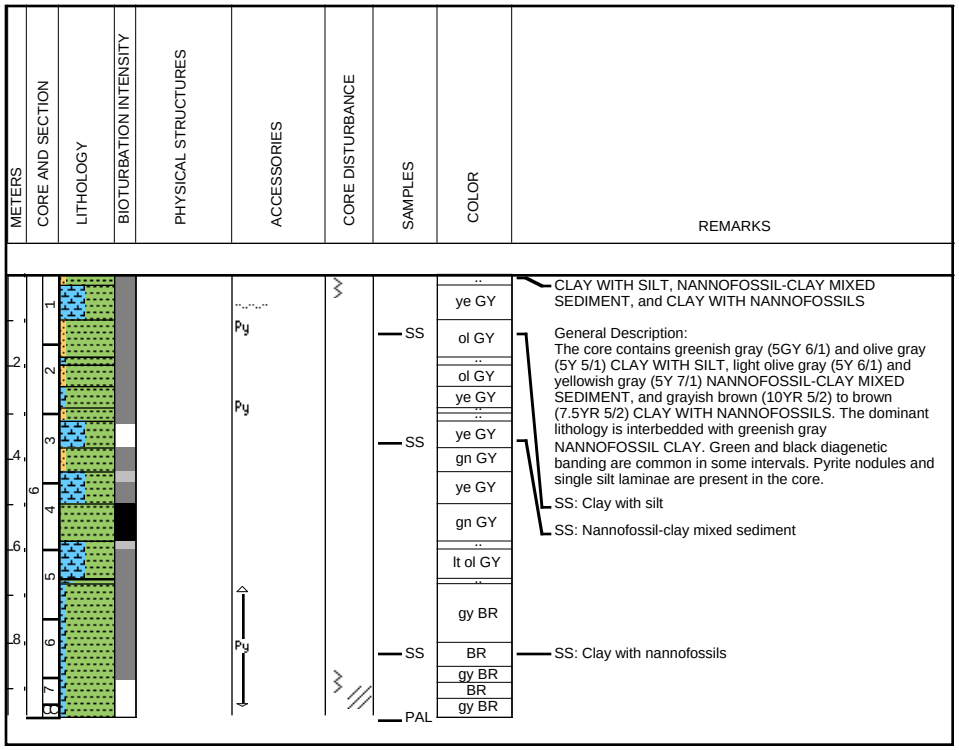


Site 1062 Hole C Core 5H **Cored 37.9-47.4 mbsf**

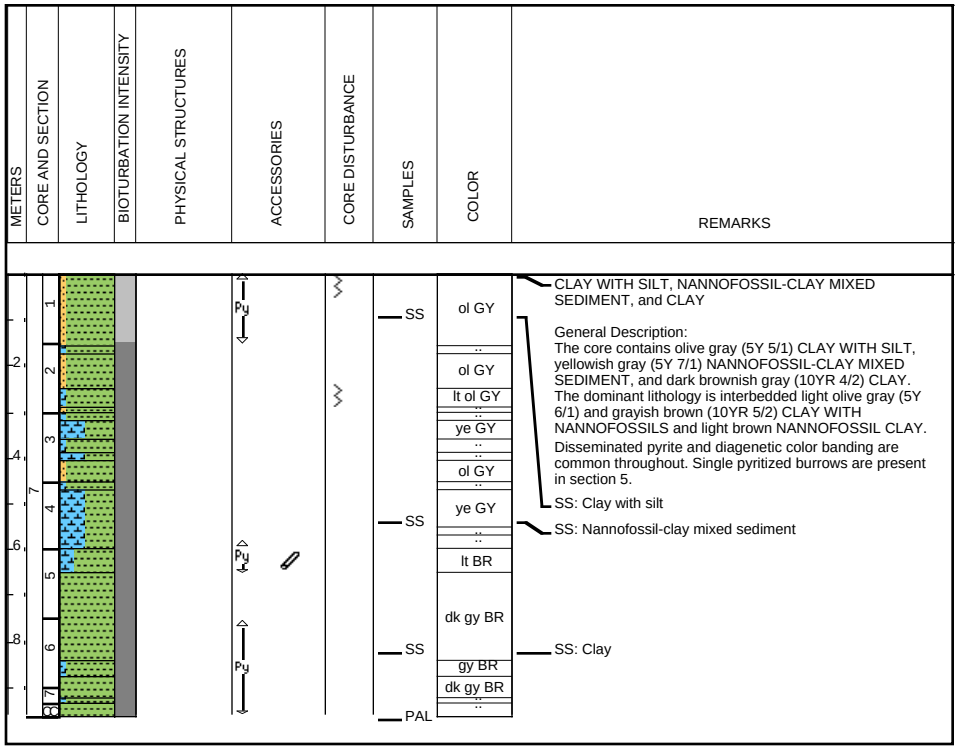


Site 1062 Hole C Core 6H

Cored 47.4-56.9 mbsf

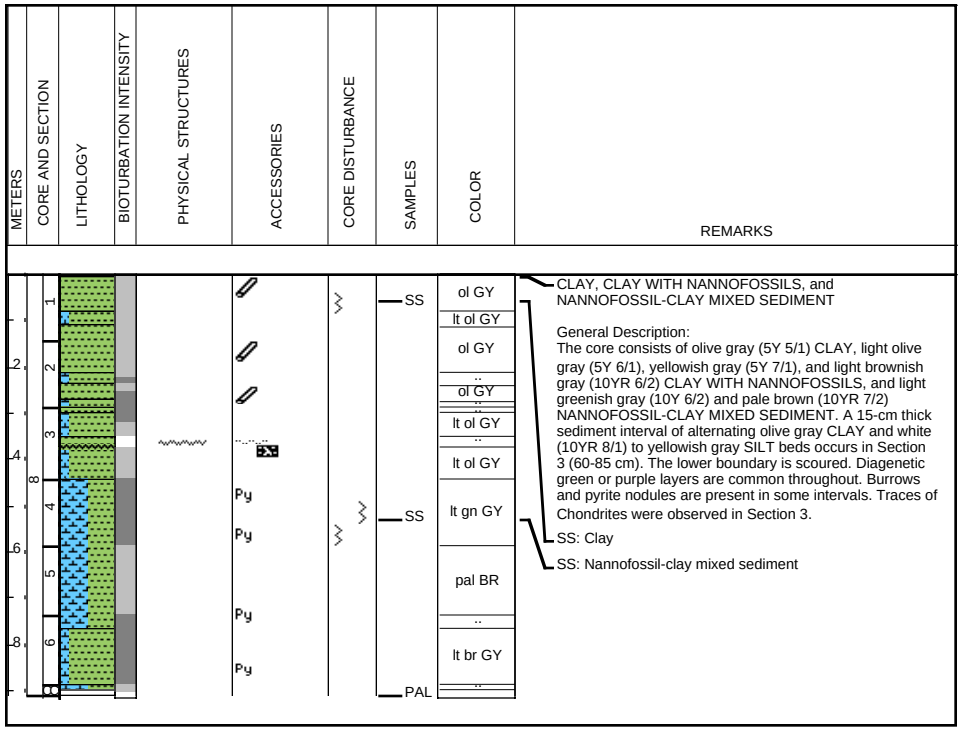


Site 1062 Hole C Core 7H **Cored 56.9-66.4 mbsf**

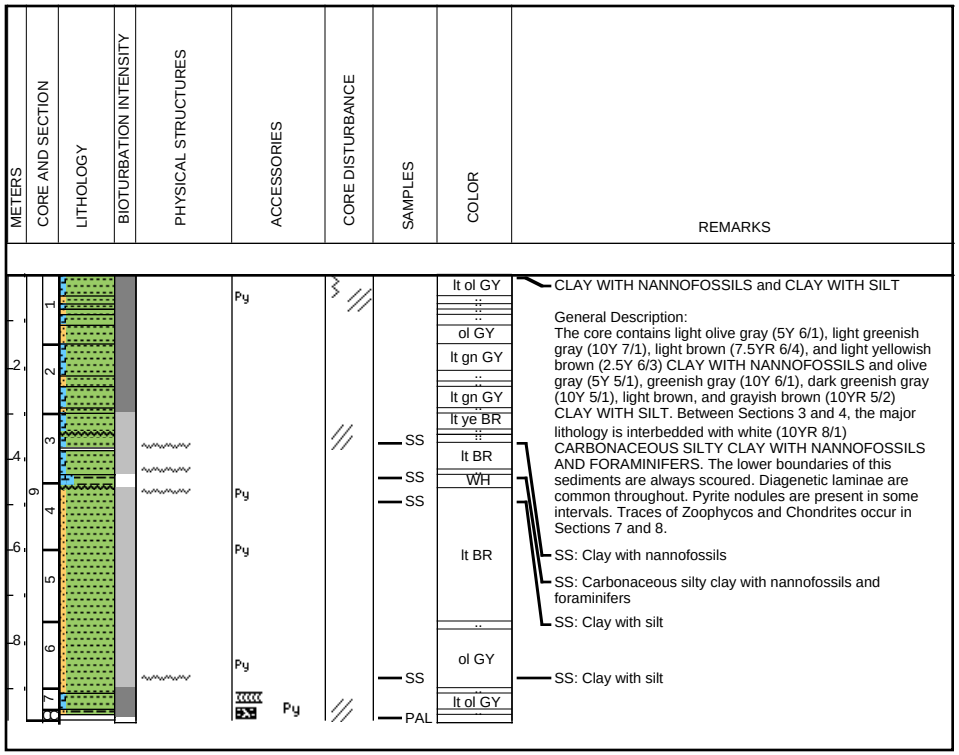


Site 1062 Hole C Core 8H

Cored 66.4-75.9 mbsf



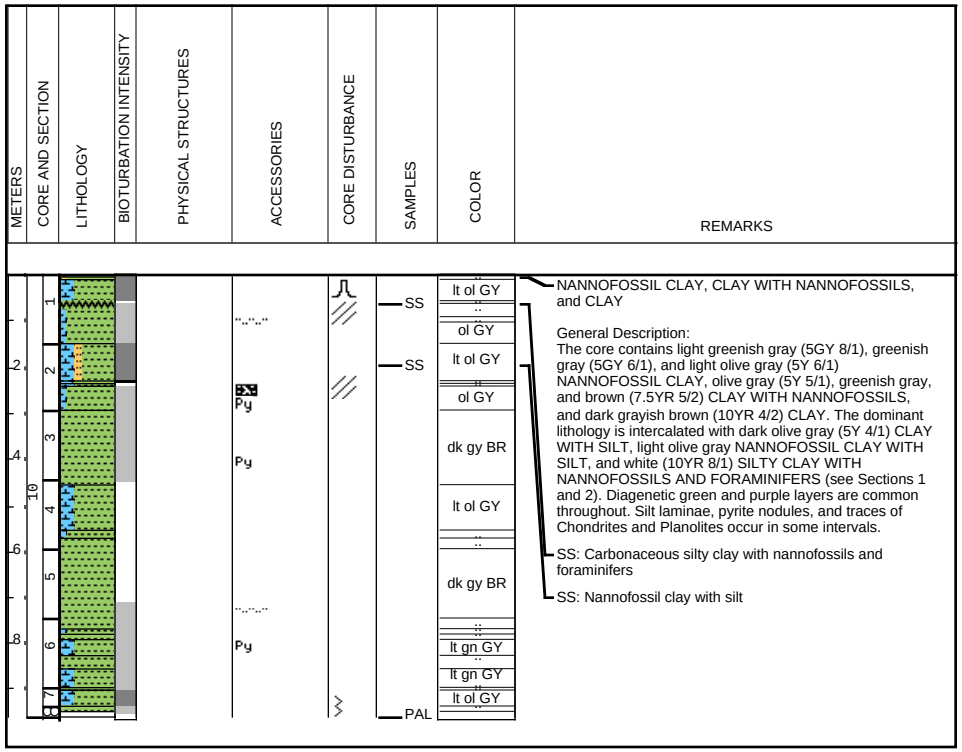
Site 1062 Hole C Core 9H **Cored 75.9-85.4 mbsf**



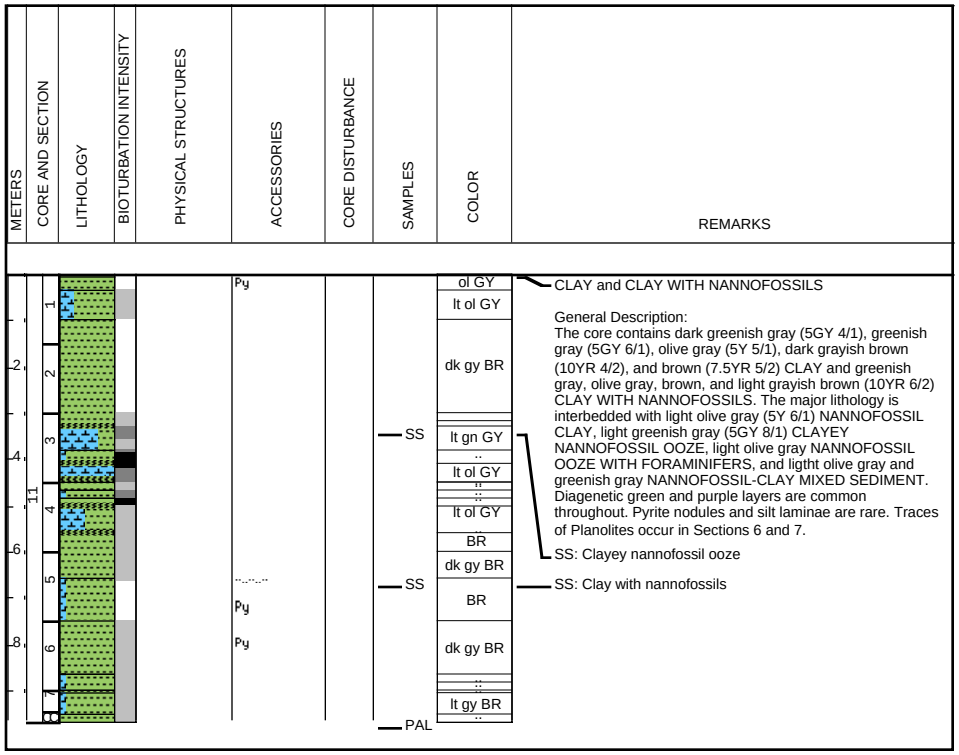
Site 1062 Hole C Core 10H

Cored 85.4-94.9 mbsf

1062C-10H



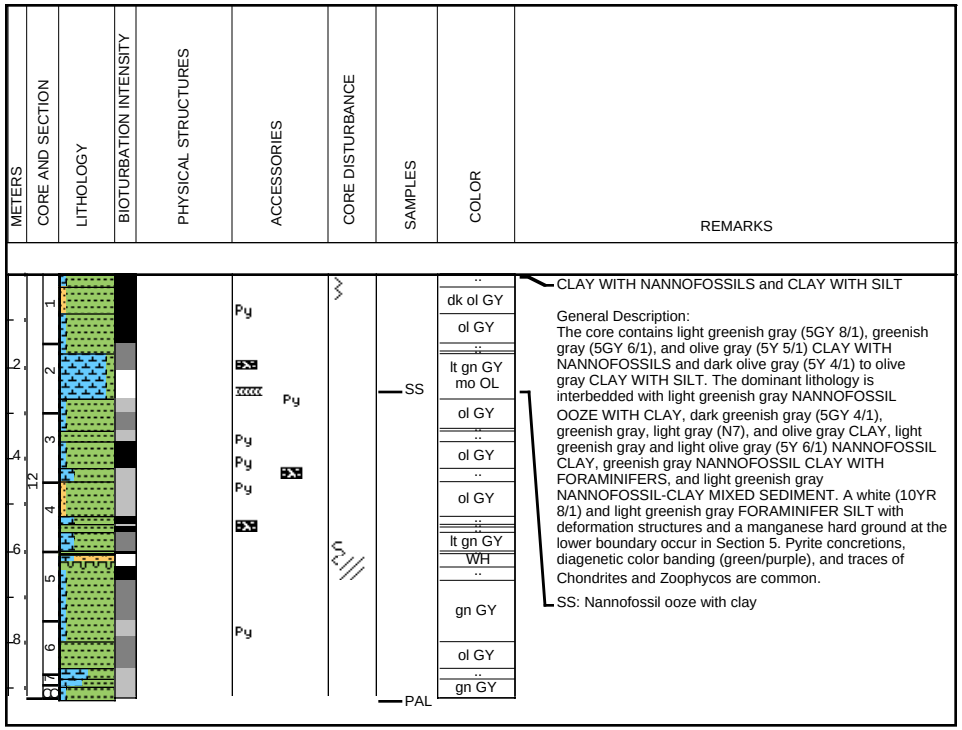
Site 1062 Hole C Core 11H — Cored 94.9-104.4 mbsf



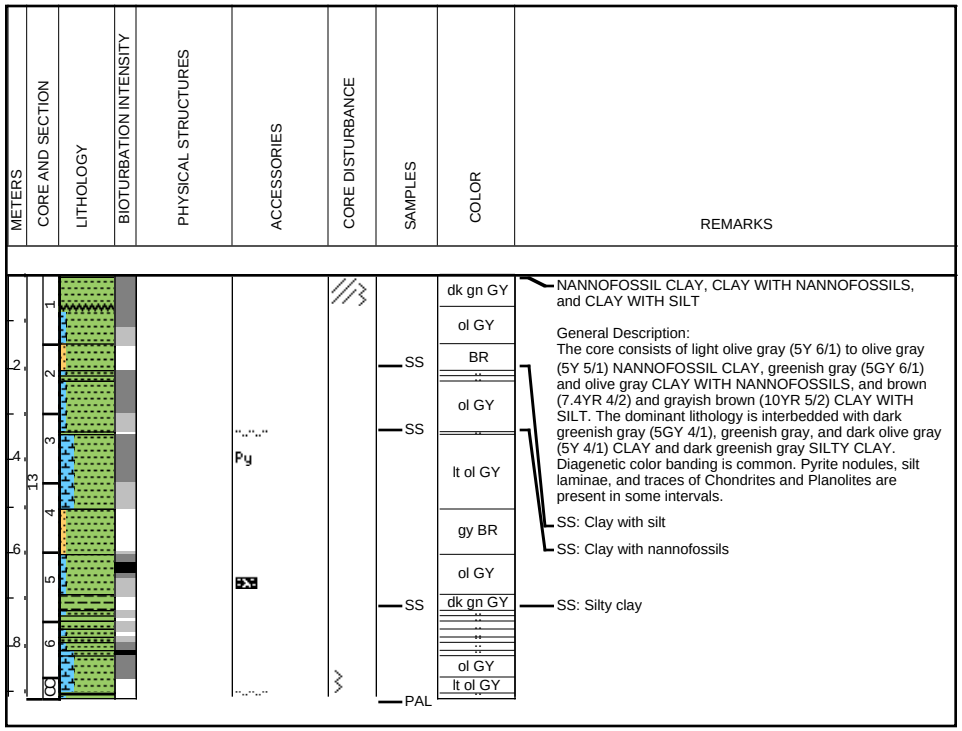
Site 1062 Hole C Core 12H

Cored 104.4-113.9 mbsf

1062C-12H

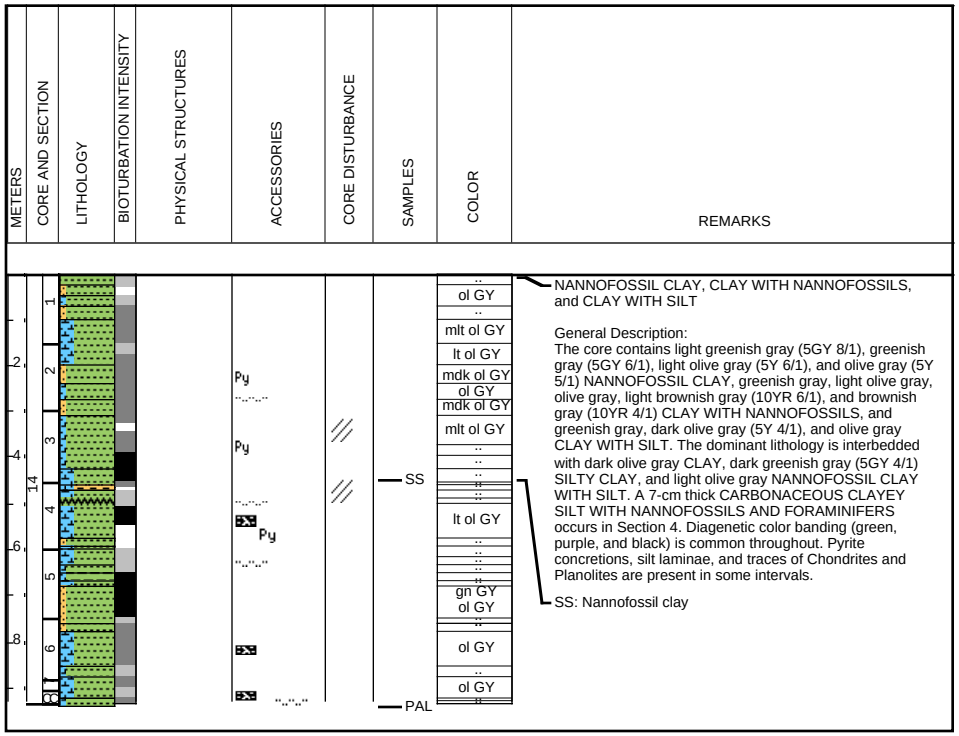


Site 1062 Hole C Core 13H **Cored 113.9-123.4 mbsf**

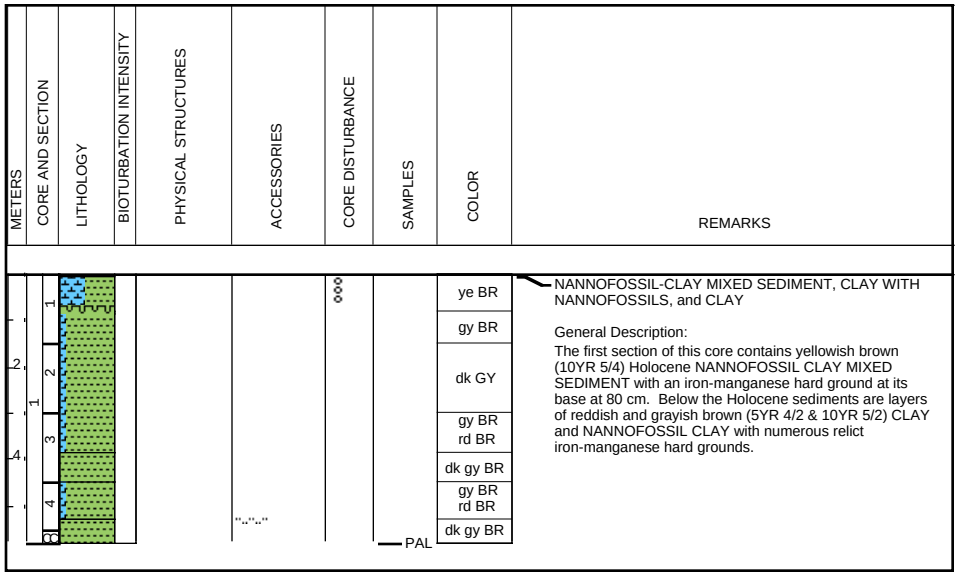


Site 1062 Hole C Core 14H

Cored 123.4-132.9 mbsf

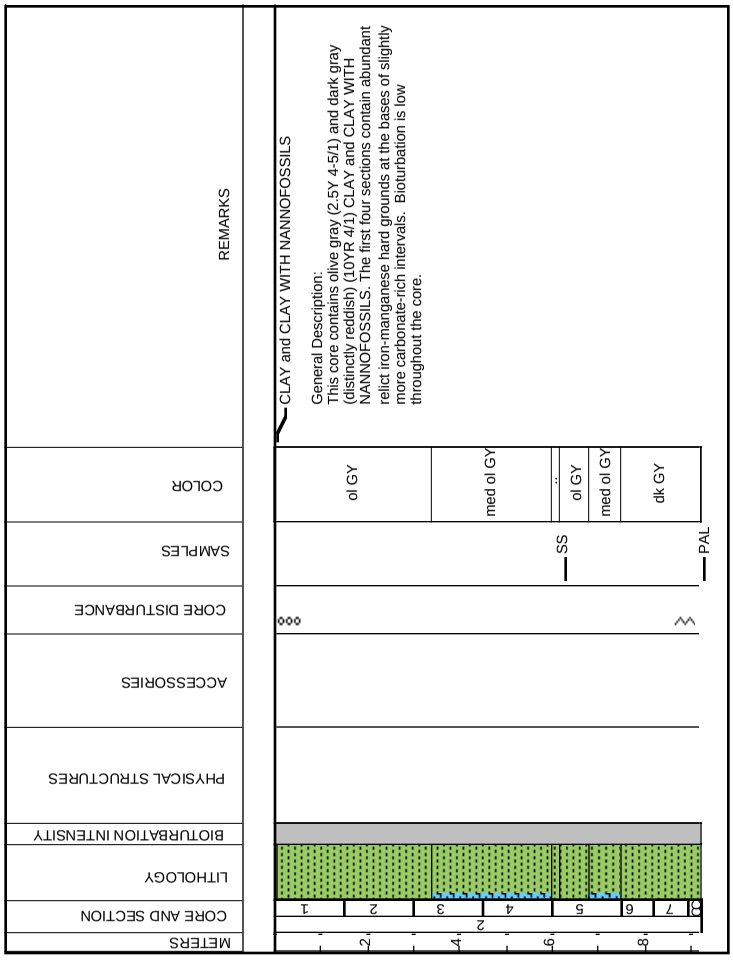


Site 1062 Hole D Core 1H **Cored 0.0-5.8 mbsf**

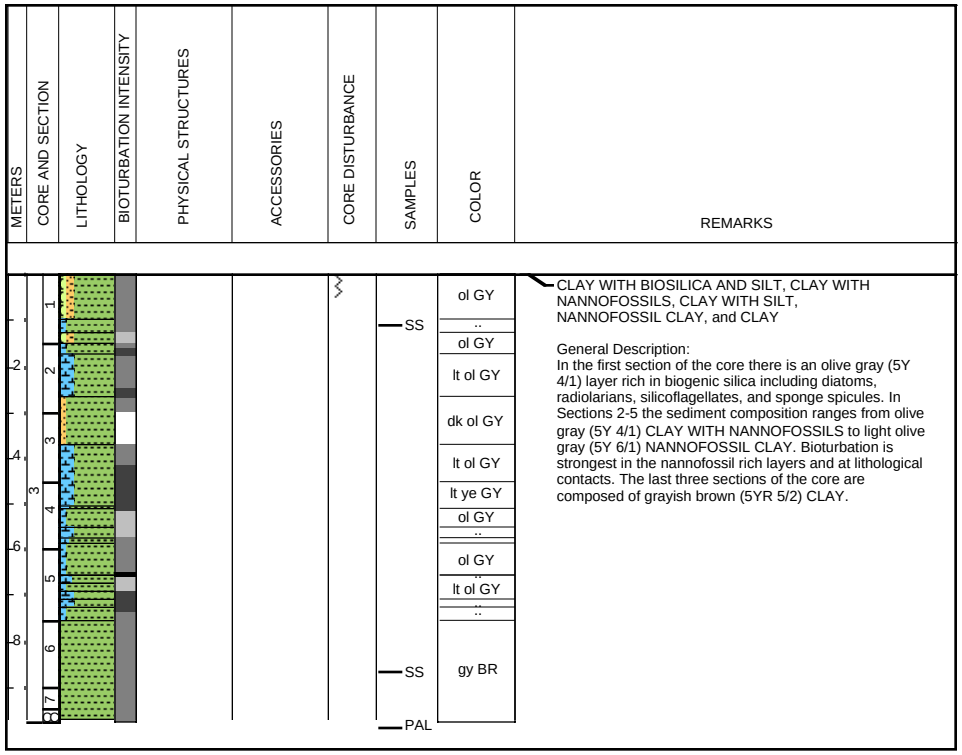


1062D-2H

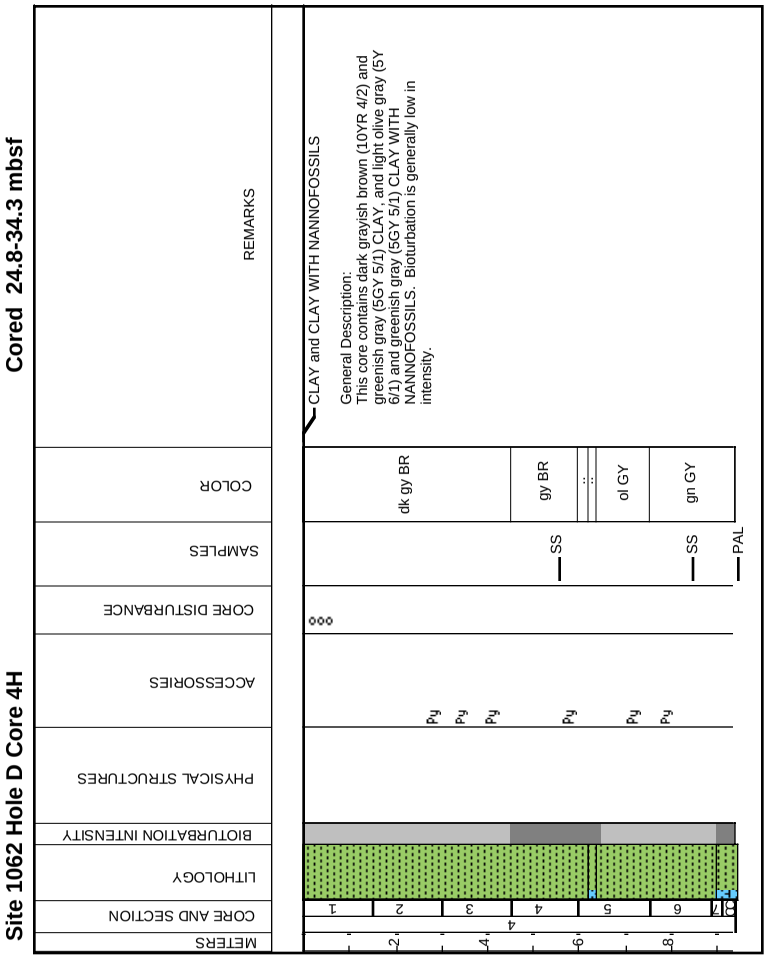
Site 1062 Hole D Core 2H **Cored 5.8-15.3 mbsf**



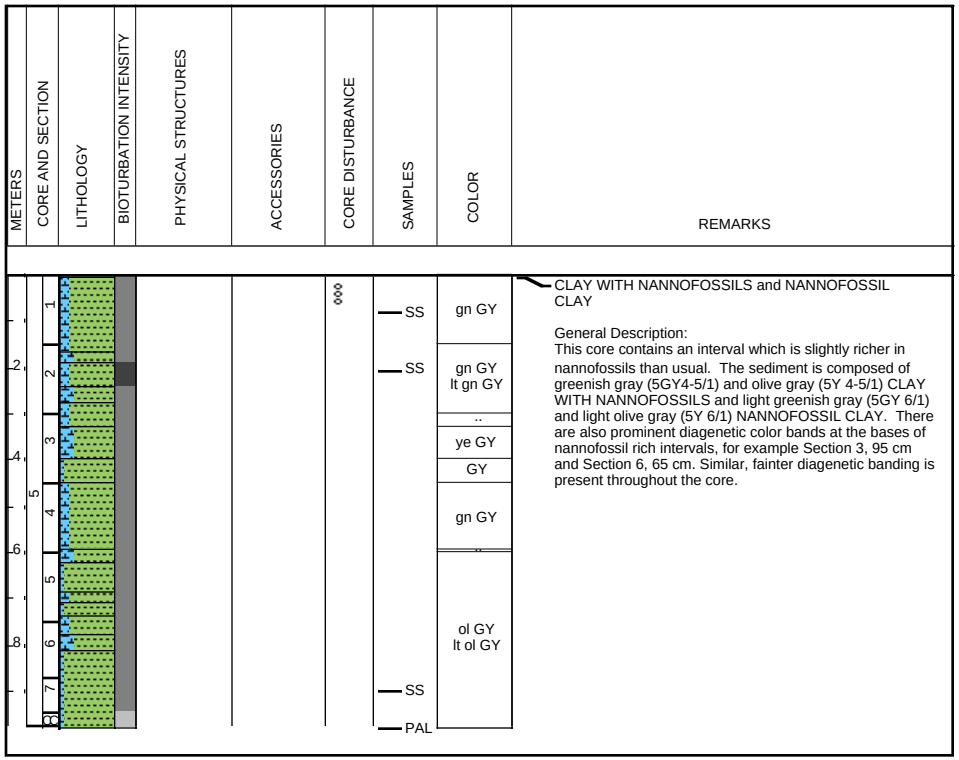
Site 1062 Hole D Core 3H **Cored 15.3-24.8 mbsf**



1062D-4H


Site 1062 Hole D Core 4H
Cored 24.8-34.3 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 dark grayish brown (10YR 4/2) and greenish gray (5GY 5/1) CLAY, and light olive gray (5Y 6/1) and greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS. Bioturbation is generally low in intensity.
dk gy BR
gy BR
ol GY
gn GY
SS
SS
PAL
Py
1
2
3
4
5
6
CC
2
4
6
8

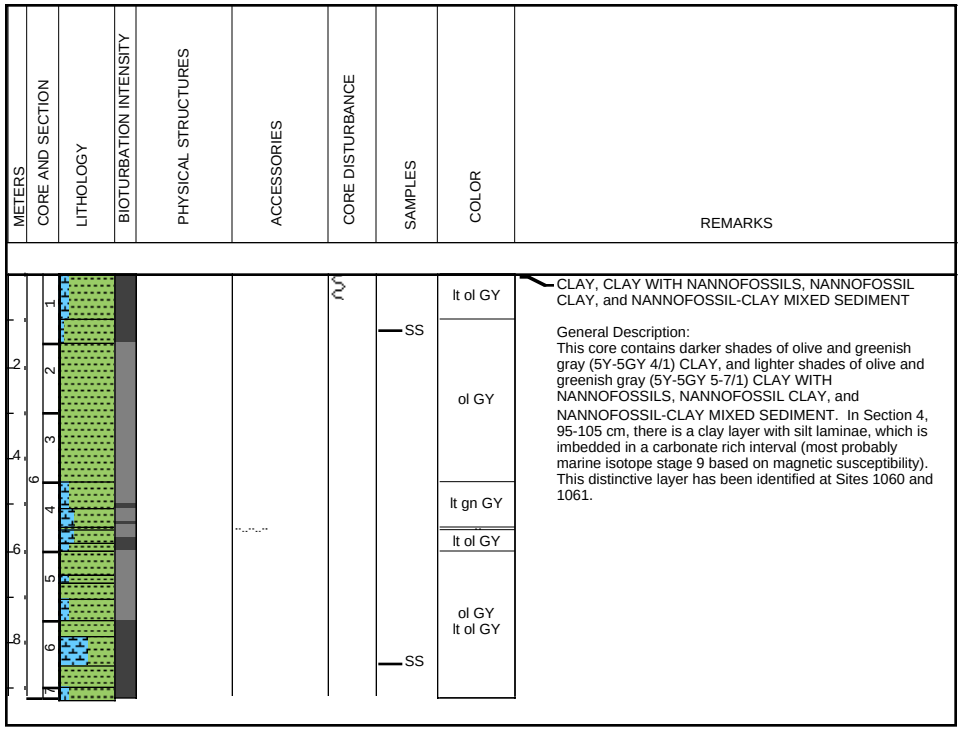
Site 1062 Hole D Core 5H **Cored 34.3-43.8 mbsf**



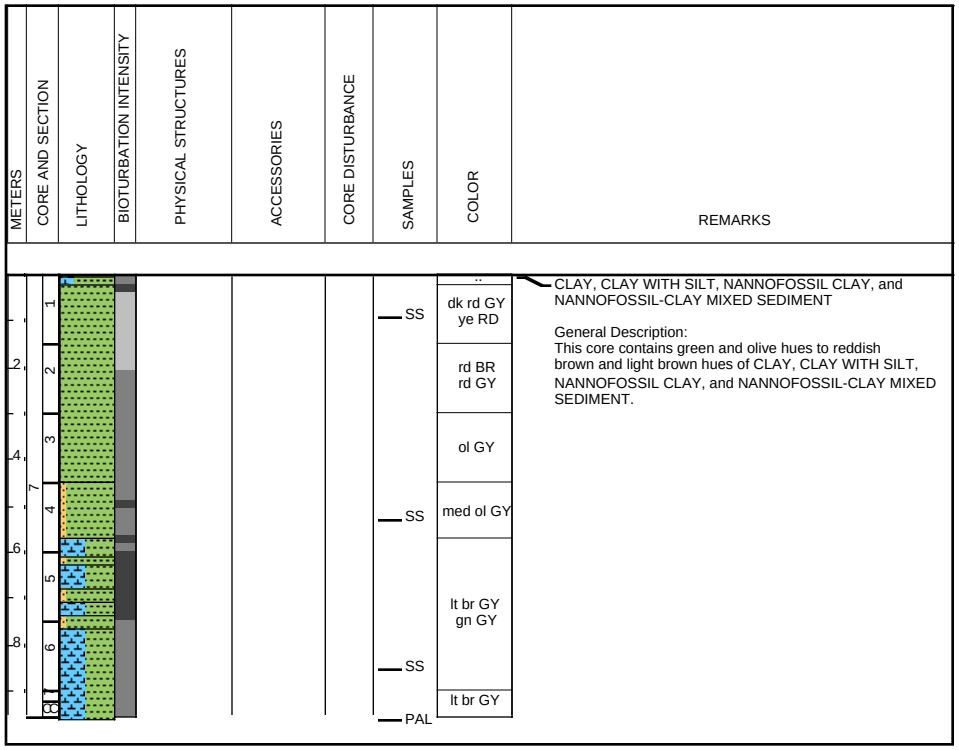
Site 1062 Hole D Core 6H

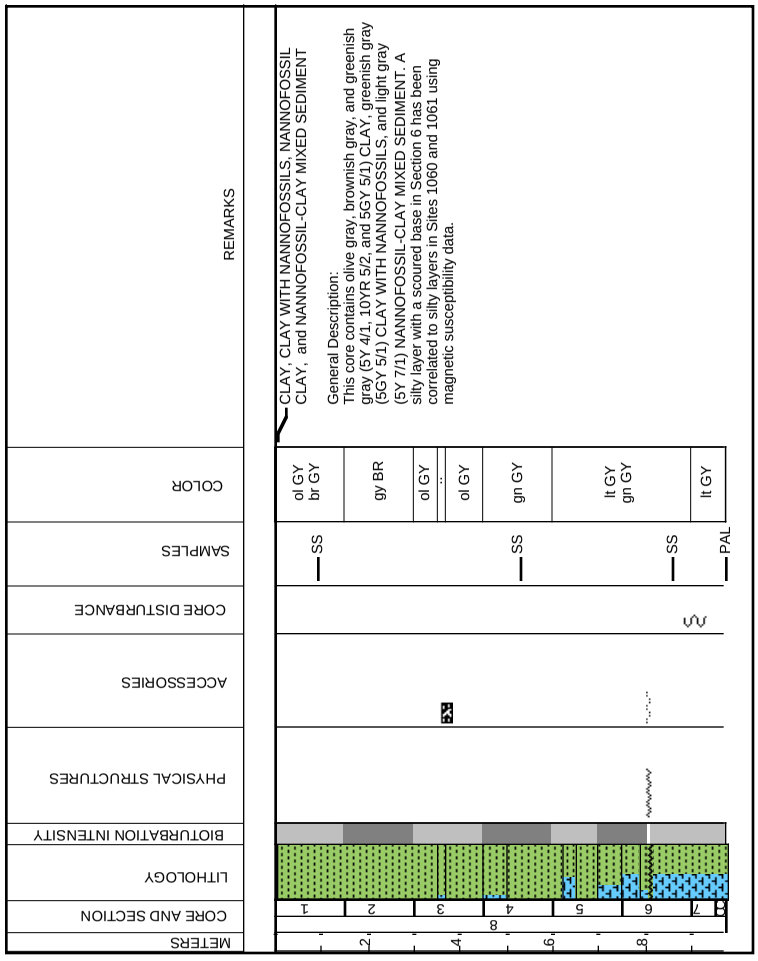
Cored 43.8-53.3 mbsf

1062D-6H



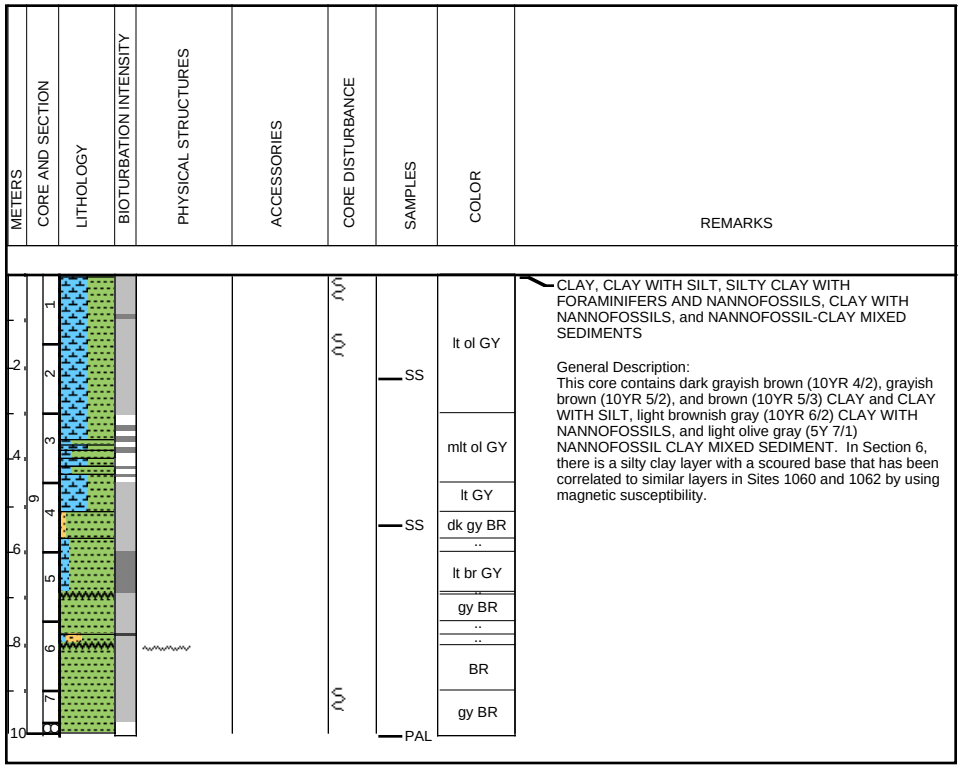
Site 1062 Hole D Core 7H **Cored 53.3-62.8 mbsf**




Site 1062 Hole D Core 8H
Cored 62.8-72.3 mbsf
1062D-8H
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
SS
SS
SS
PAL
ol GY br GY
gy BR
ol GY
ol GY
gn GY
lt GY gn GY
lt GY
CLAY, CLAY WITH NANNOFOSSILS, NANNOFOSSIL CLAY, and NANNOFOSSIL-CLAY MIXED SEDIMENT
General Description:
This core contains olive gray, brownish gray, and greenish gray (5Y 4/1, 10YR 5/2, and 5GY 5/1) CLAY, greenish gray (5GY 5/1) CLAY WITH NANNOFOSSILS, and light gray (5Y 7/1) NANNOFOSSIL-CLAY MIXED SEDIMENT. A silty layer with a scoured base in Section 6 has been correlated to silty layers in Sites 1060 and 1061 using magnetic susceptibility data.

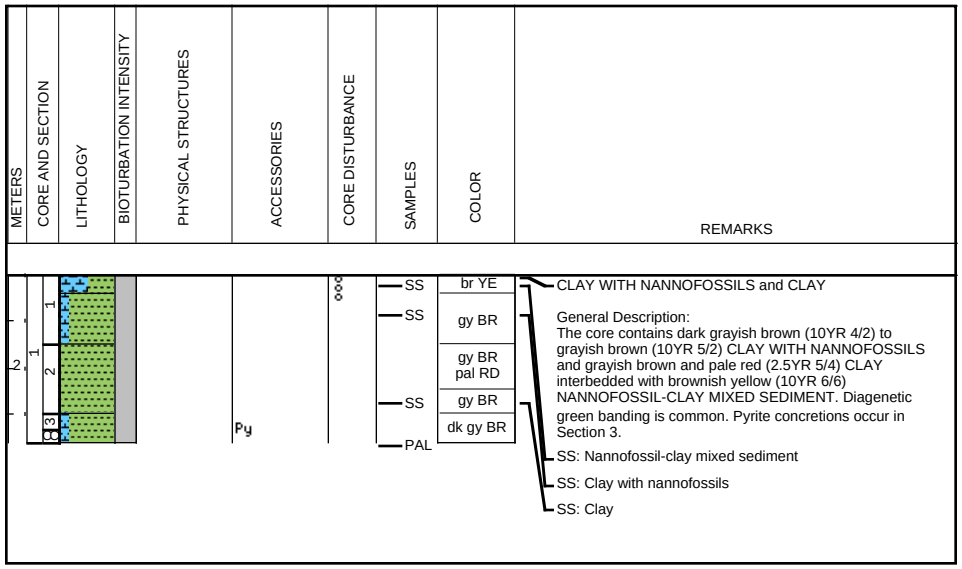
Site 1062 Hole D Core 9H

Cored 72.3-81.8 mbsf

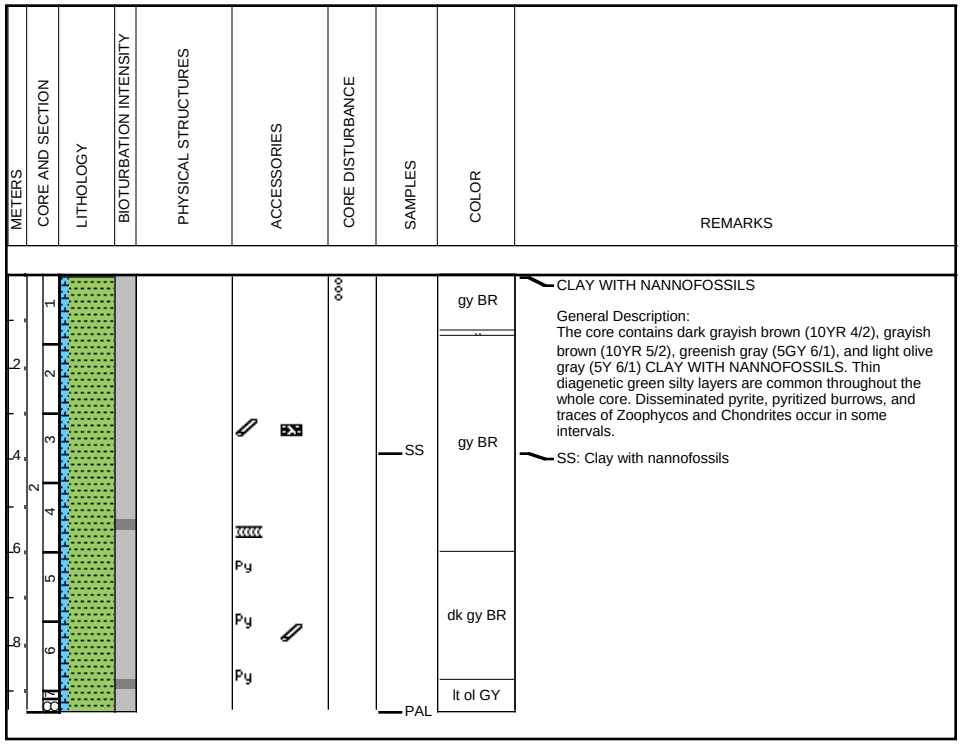


Site 1062 Hole E Core 1H

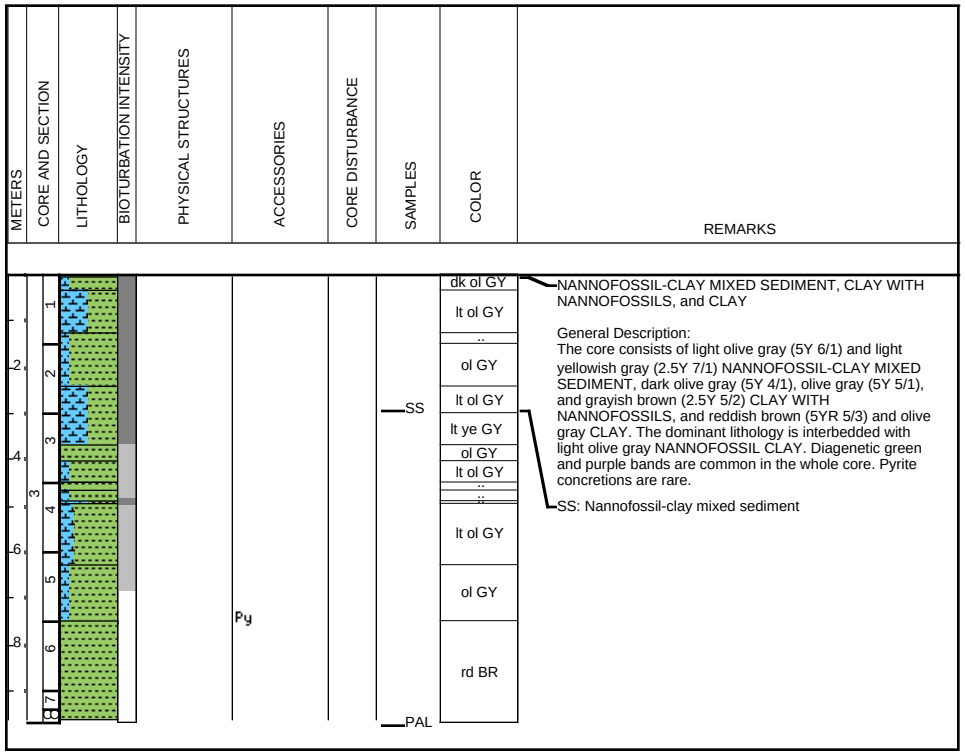
Cored 0.0-3.8 mbsf



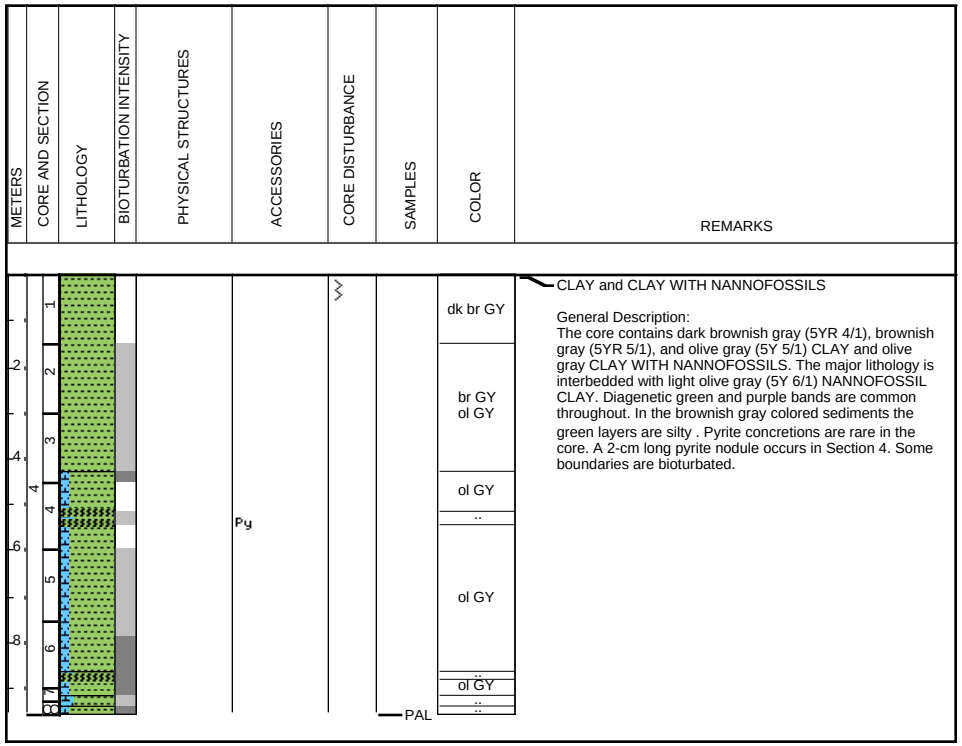
Site 1062 Hole E Core 2H **Cored 3.8-13.3 mbsf**



Site 1062 Hole E Core 3H **Cored 13.3-22.8 mbsf**



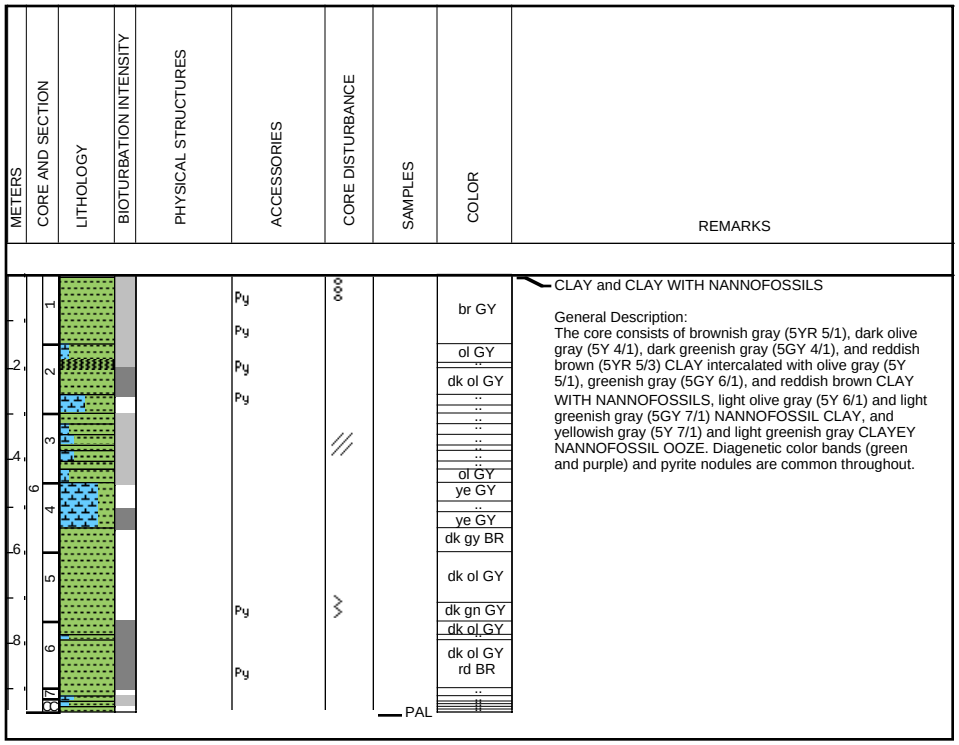
Site 1062 Hole E Core 4H **Cored 22.8-32.3 mbsf**



1062E-5H

Site 1062 Hole E Core 5H **Cored 32.3-41.8 mbsf**

Site 1062 Hole E Core 6H **Cored 41.8-51.3 mbsf**



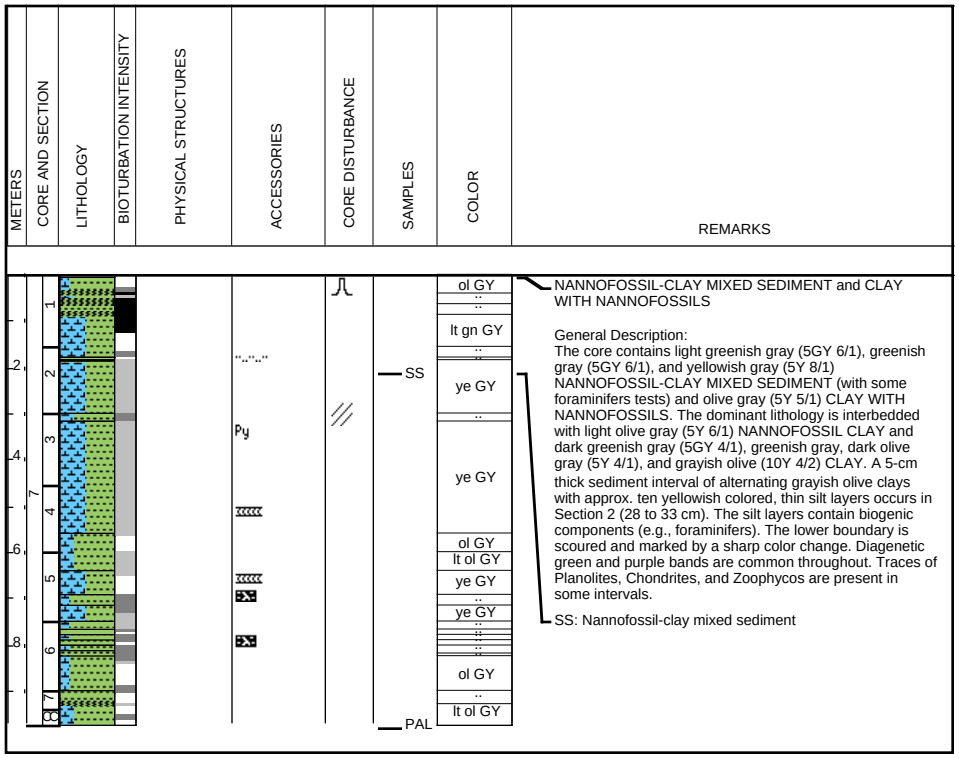
CLAY and CLAY WITH NANNOFOSSILS

General Description:
The core consists of brownish gray (5YR 5/1), dark olive gray (5Y 4/1), dark greenish gray (5GY 4/1), and reddish brown (5YR 5/3) CLAY intercalated with olive gray (5Y 5/1), greenish gray (5GY 6/1), and reddish brown CLAY WITH NANNOFOSSILS, light olive gray (5Y 6/1) and light greenish gray (5GY 7/1) NANNOFOSSIL CLAY, and yellowish gray (5Y 7/1) and light greenish gray CLAYEY NANNOFOSSIL OOZE. Diagenetic color bands (green and purple) and pyrite nodules are common throughout.

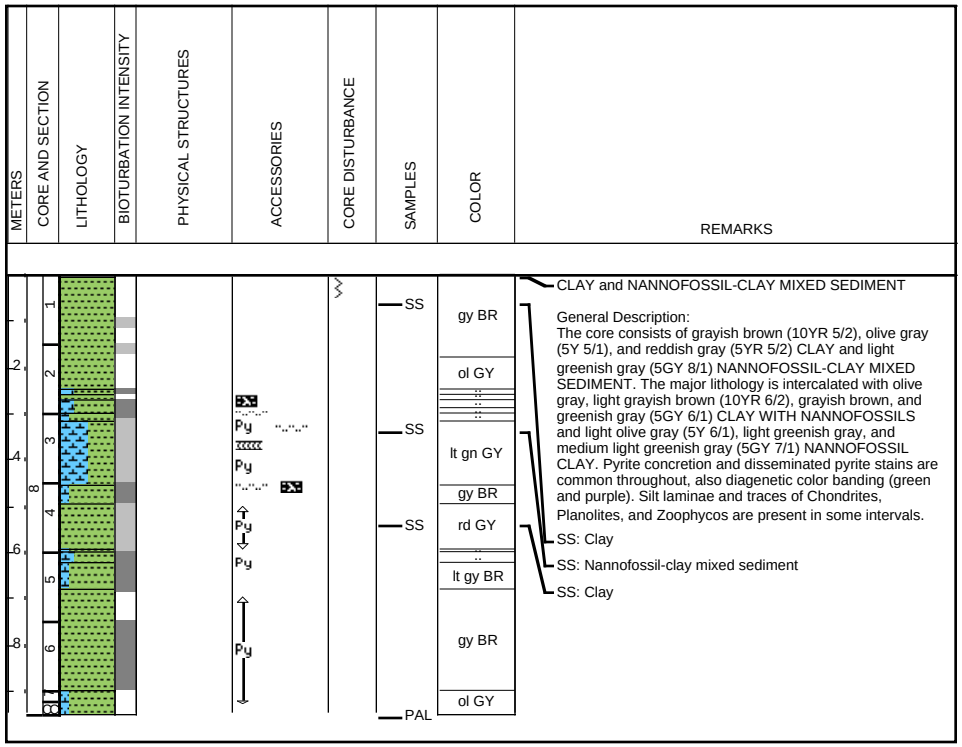
Site 1062 Hole E Core 7H

Cored 51.3-60.8 mbsf

1062E-7H



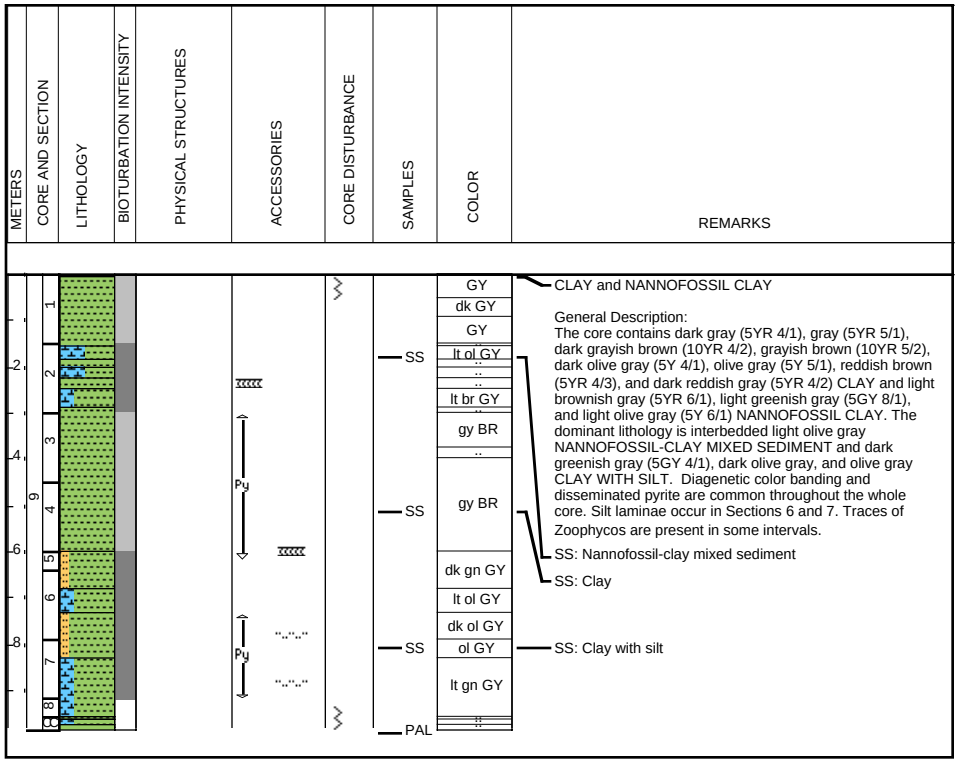
Site 1062 Hole E Core 8H **Cored 60.8-70.3 mbsf**



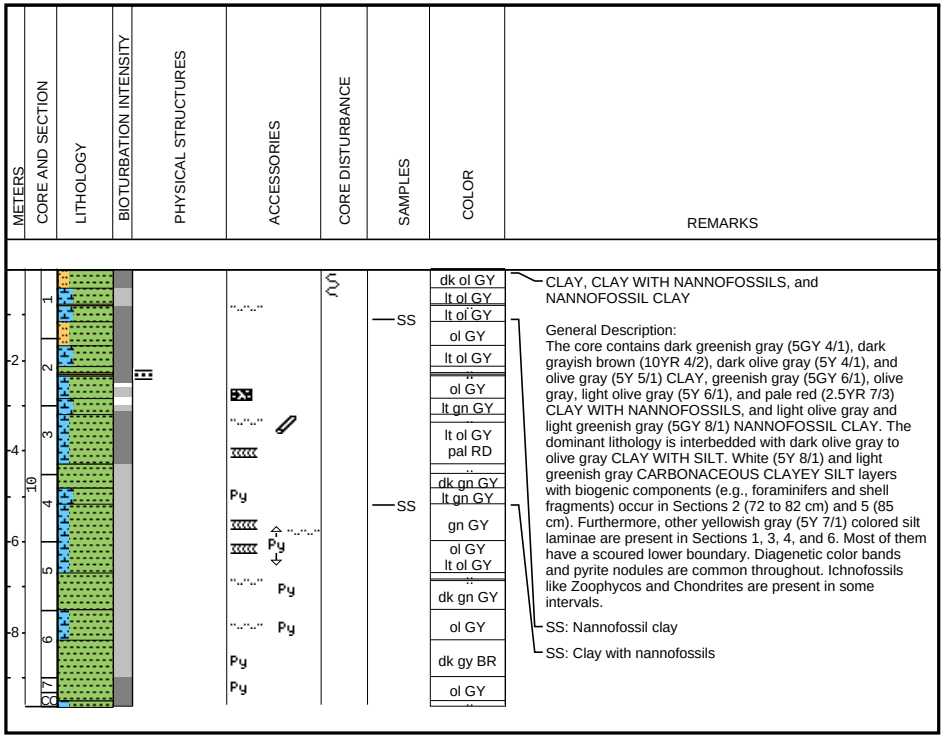
Site 1062 Hole E Core 9H

Cored 70.3-79.8 mbsf

1062E-9H



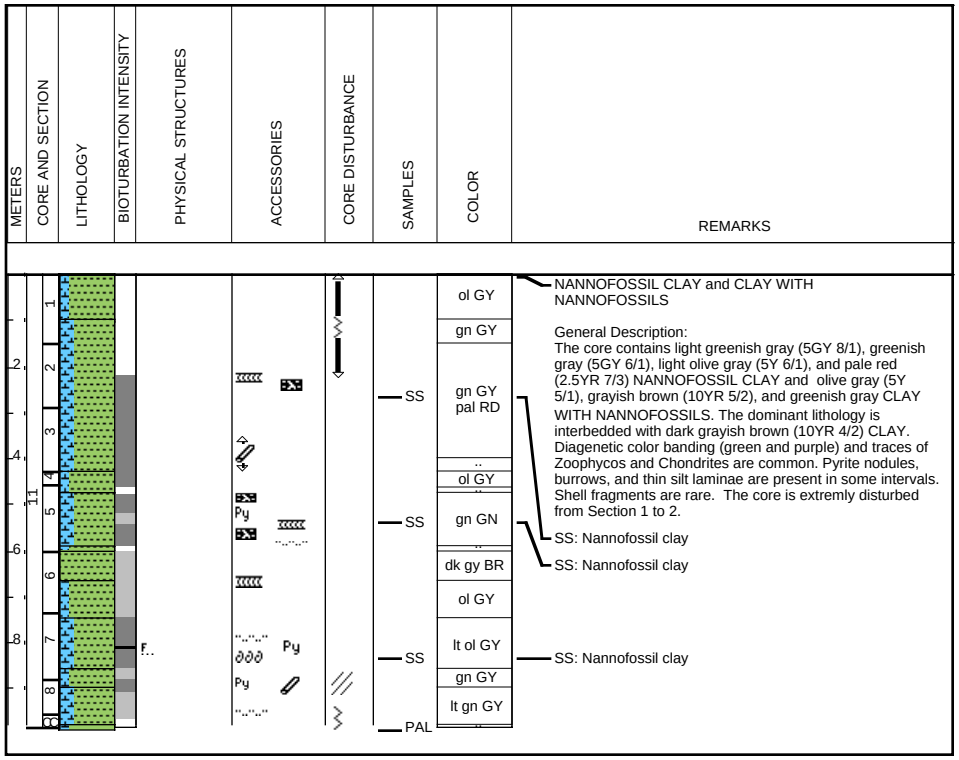
Site 1062 Hole E Core 10H **Cored 79.8-89.3 mbsf**



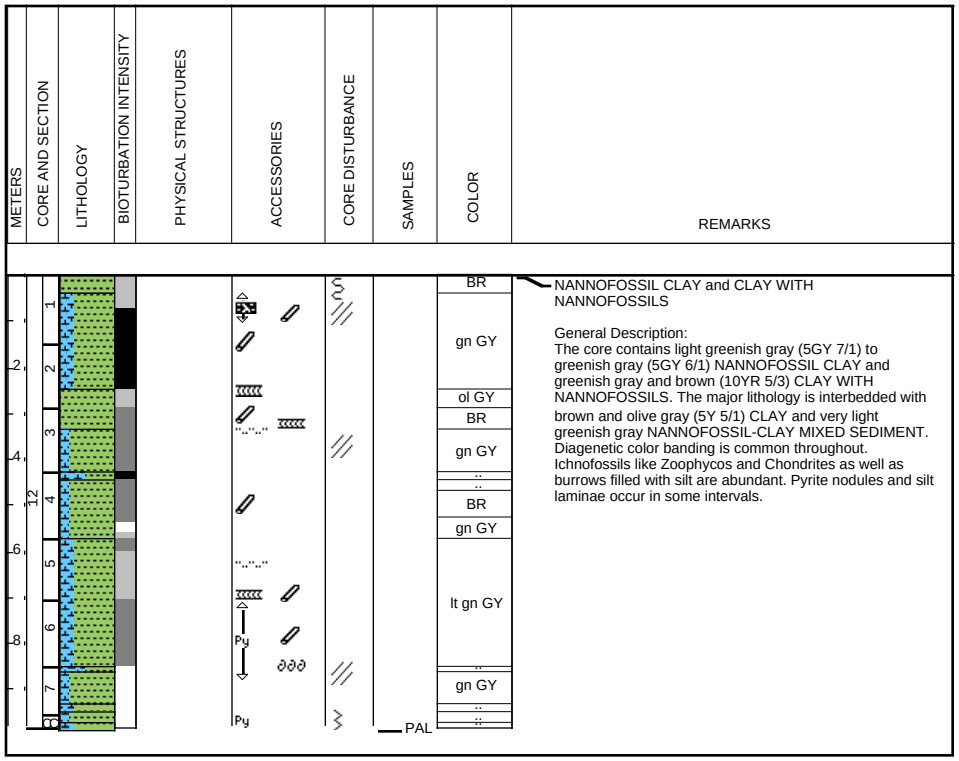
Site 1062 Hole E Core 11H

Cored 89.3-98.8 mbsf

1062E-11H



Site 1062 Hole E Core 12H **Cored 98.8-108.3 mbsf**



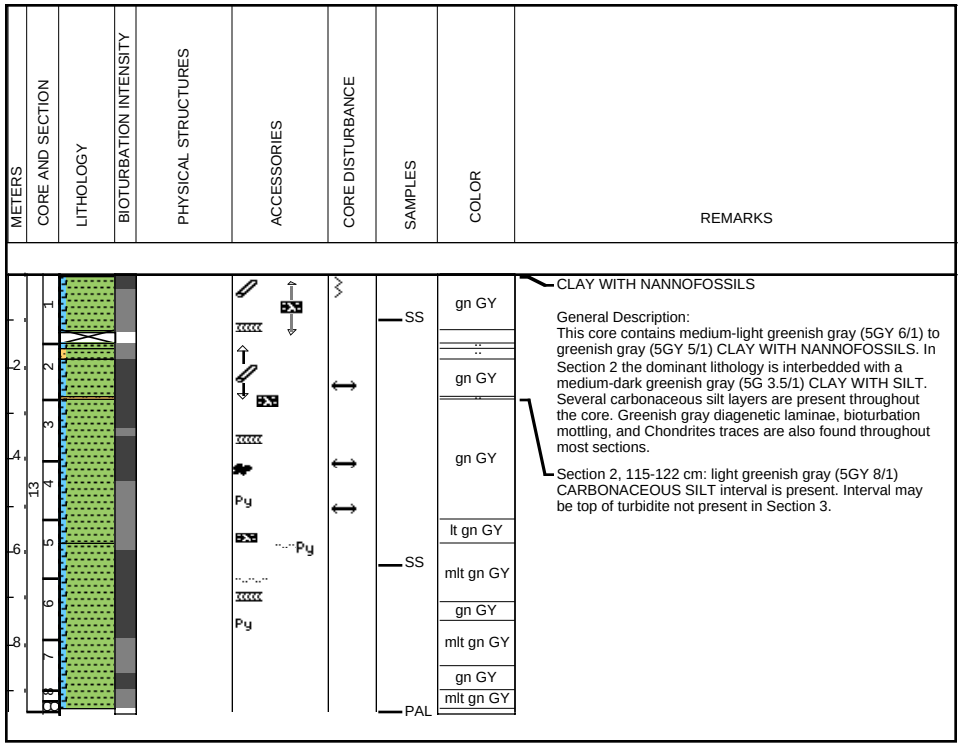
NANNOFOSSIL CLAY and CLAY WITH NANNOFOSSILS

General Description:
The core contains light greenish gray (5GY 7/1) to greenish gray (5GY 6/1) NANNOFOSSIL CLAY and greenish gray and brown (10YR 5/3) CLAY WITH NANNOFOSSILS. The major lithology is interbedded with brown and olive gray (5Y 5/1) CLAY and very light greenish gray NANNOFOSSIL-CLAY MIXED SEDIMENT. Diagenetic color banding is common throughout. Ichnofossils like Zoophycos and Chondrites as well as burrows filled with silt are abundant. Pyrite nodules and silt laminae occur in some intervals.

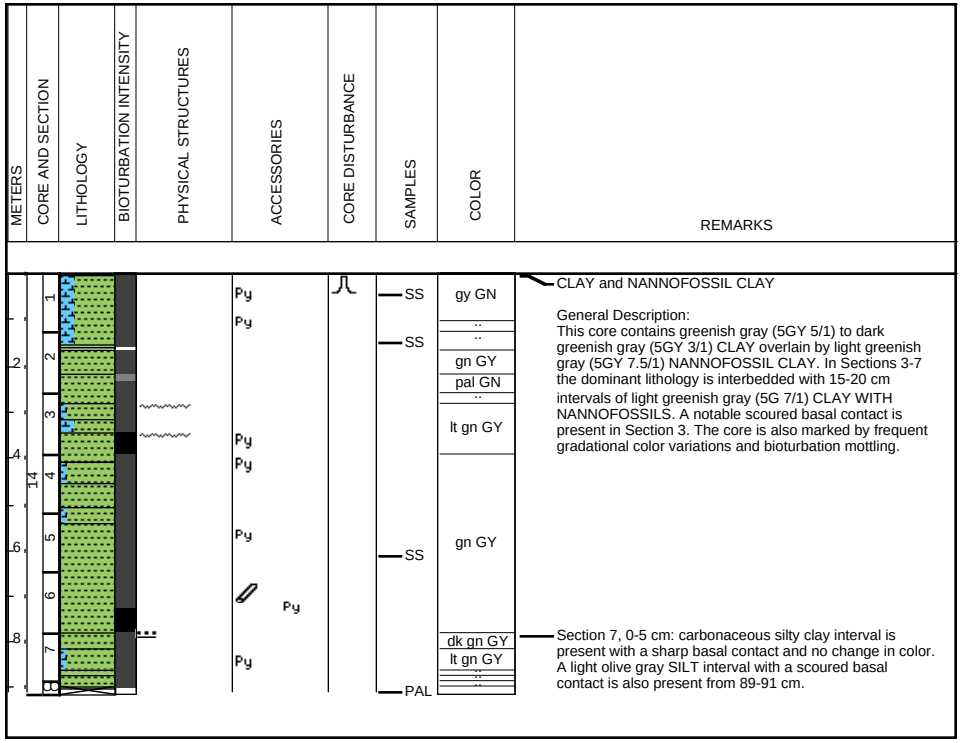
Site 1062 Hole E Core 13H

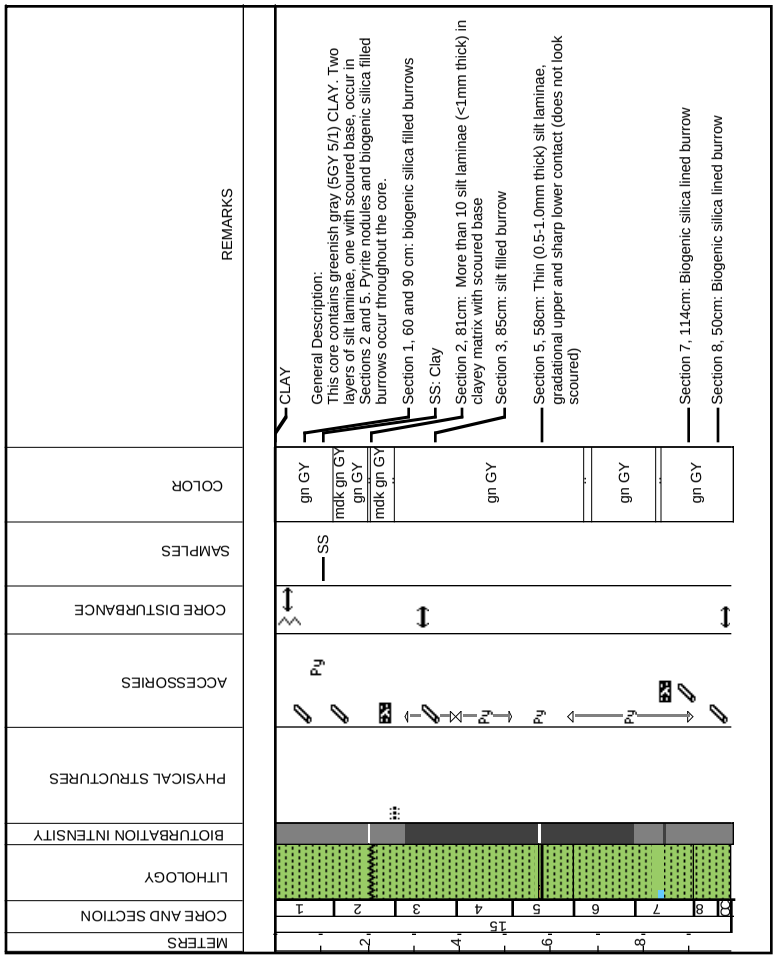
Cored 108.3-117.8 mbsf

1062E-13H

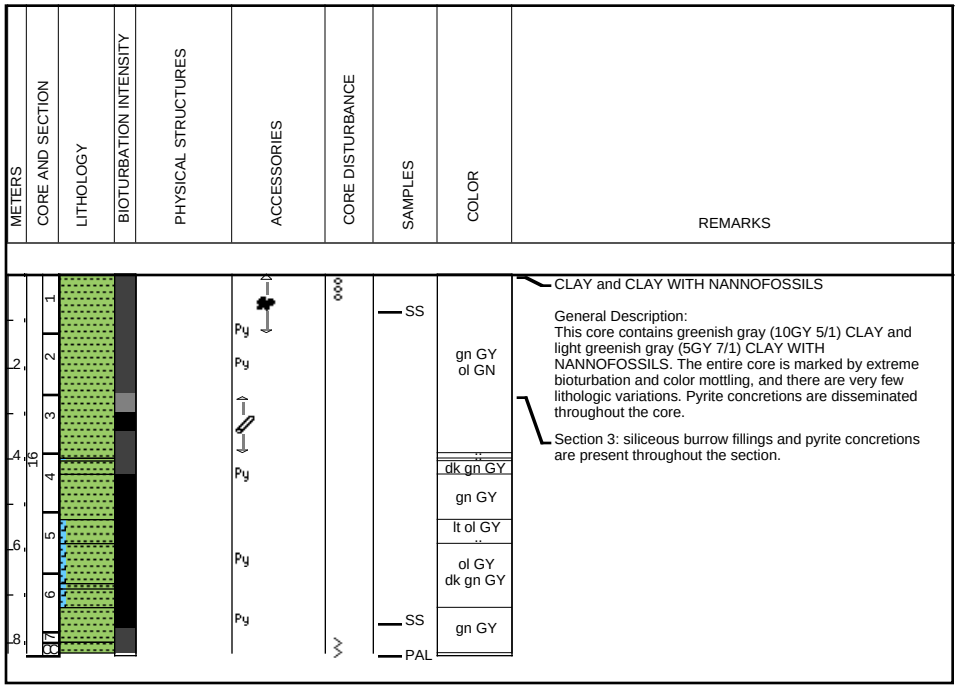


Site 1062 Hole E Core 14H **Cored 117.8-127.3 mbsf**



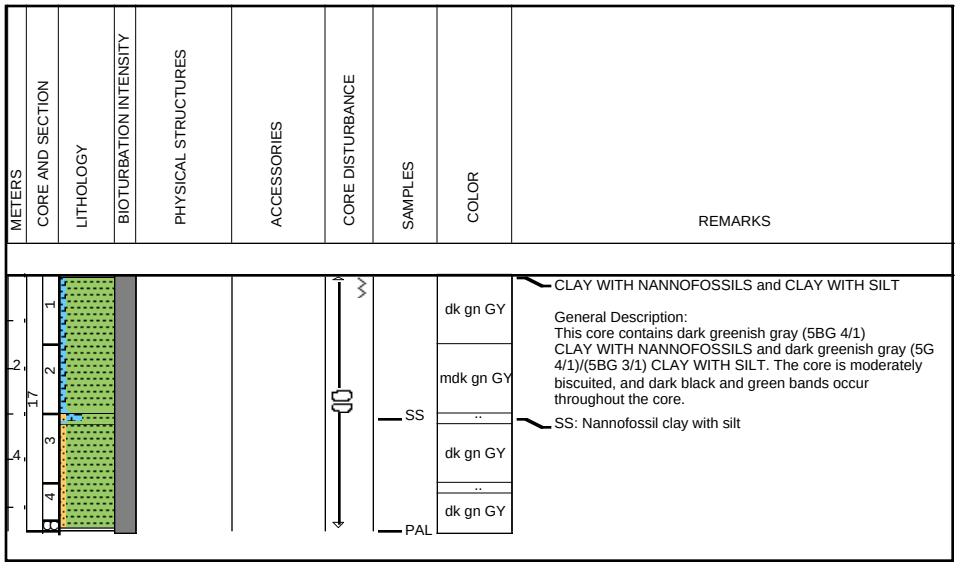

Site 1062 Hole E Core 15H
Cored 127.3-136.8 mbsf
1062E-15H
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY
General Description:
This core contains greenish gray (5GY 5/1) CLAY. Two layers of silt laminae, one with scoured base, occur in Sections 2 and 5. Pyrite nodules and biogenic silica filled burrows occur throughout the core.
Section 1, 60 and 90 cm: biogenic silica filled burrows
SS: Clay
Section 2, 81cm: More than 10 silt laminae (<1mm thick) in clayey matrix with scoured base
Section 3, 85cm: silt filled burrow
Section 5, 58cm: Thin (0.5-1.0mm thick) silt laminae, gradational upper and sharp lower contact (does not look scoured)
Section 7, 114cm: Biogenic silica lined burrow
Section 8, 50cm: Biogenic silica lined burrow
gn GY
mdk gn GY
gn GY
mdk gn GY
gn GY
gn GY
gn GY
SS
Py
1
2
3
4
5
6
7
8
CC
15
2
4
6
8

Site 1062 Hole E Core 16H **Cored 136.8-145.1 mbsf**

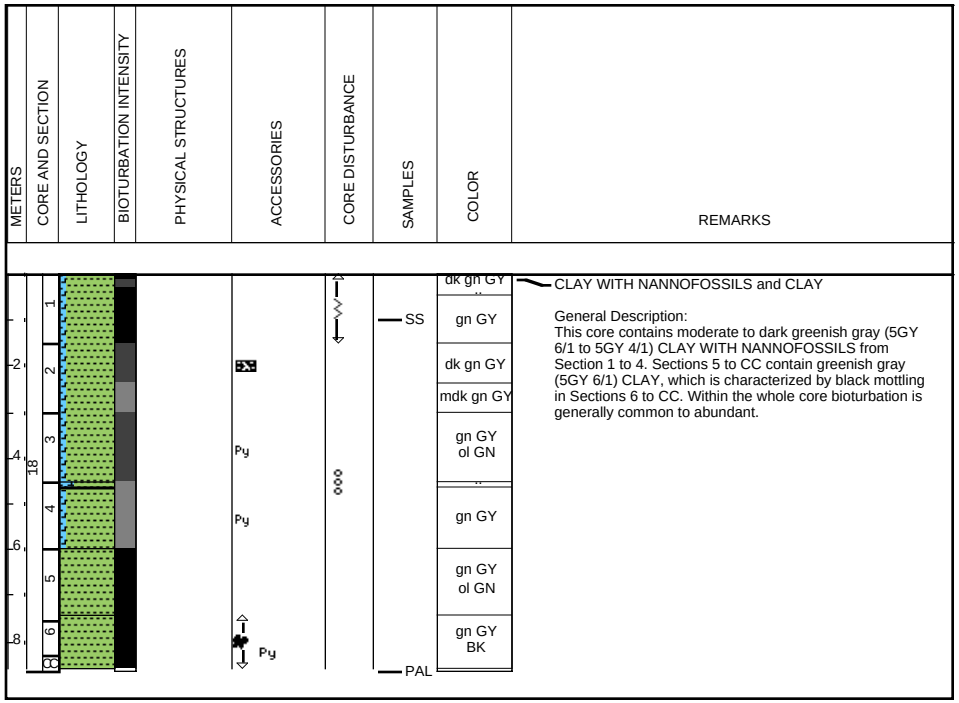


1062E-17X

Site 1062 Hole E Core 17X **Cored 145.1-151.1 mbsf**

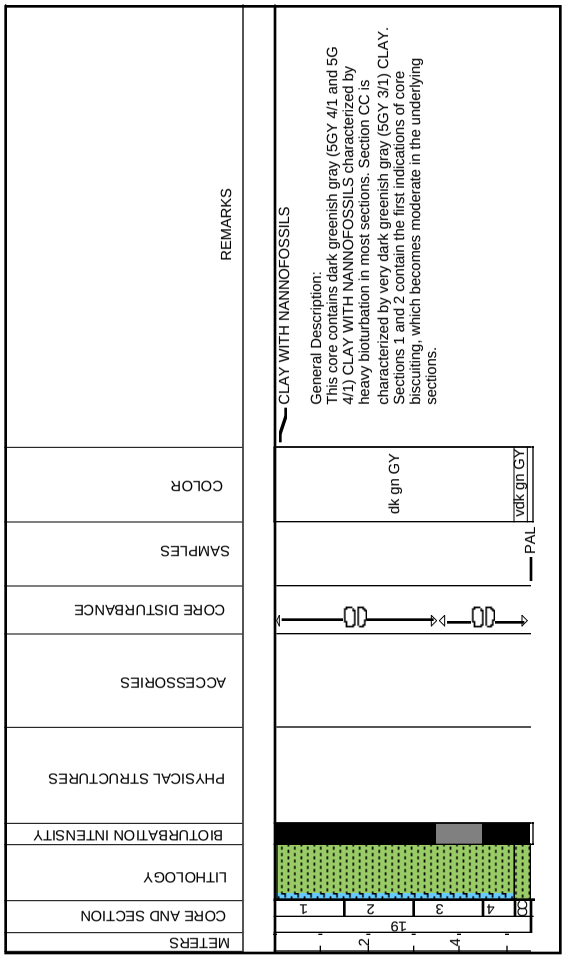


Site 1062 Hole E Core 18X **Cored 151.1-160.7 mbsf**

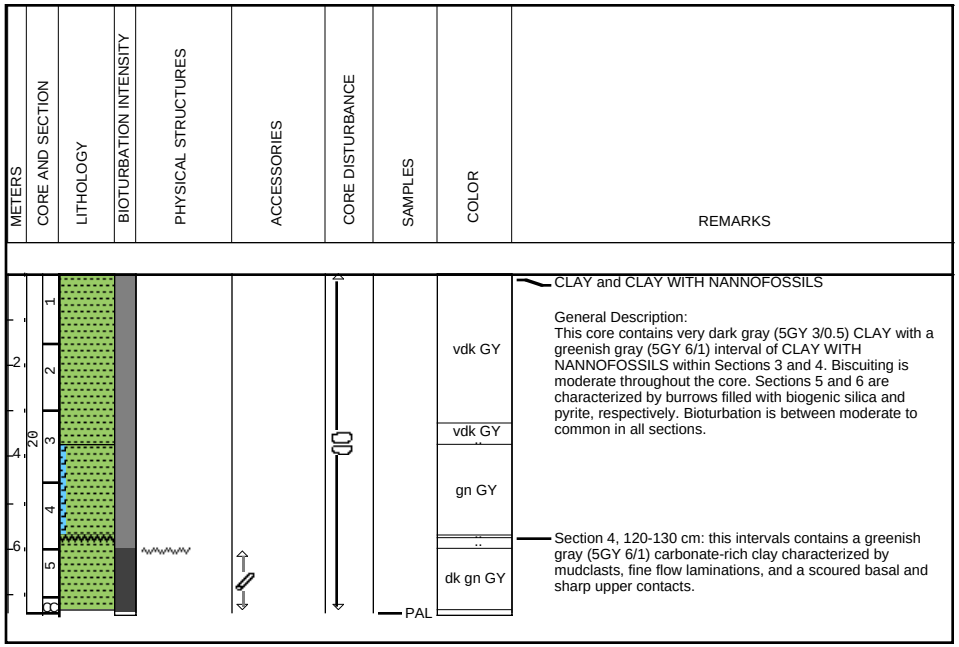


General Description:
This core contains moderate to dark greenish gray (5GY 6/1 to 5GY 4/1) CLAY WITH NANNOFOSSILS from Section 1 to 4. Sections 5 to CC contain greenish gray (5GY 6/1) CLAY, which is characterized by black mottling in Sections 6 to CC. Within the whole core bioturbation is generally common to abundant.

1062E-19X


Site 1062 Hole E Core 19X
Cored 160.7-170.4 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
19
1
2
3
4
CC
2
4
PAL
dk gn GY
vdk gn GY
CLAY WITH NANNOFOSSILS
General Description:
This core contains dark greenish gray (5GY 4/1 and 5G 4/1) CLAY WITH NANNOFOSSILS characterized by heavy bioturbation in most sections. Section CC is characterized by very dark greenish gray (5GY 3/1) CLAY. Sections 1 and 2 contain the first indications of core biscuiting, which becomes moderate in the underlying sections.

Site 1062 Hole E Core 20X **Cored 170.4-179.9 mbsf**



CLAY and CLAY WITH NANNOFOSSILS

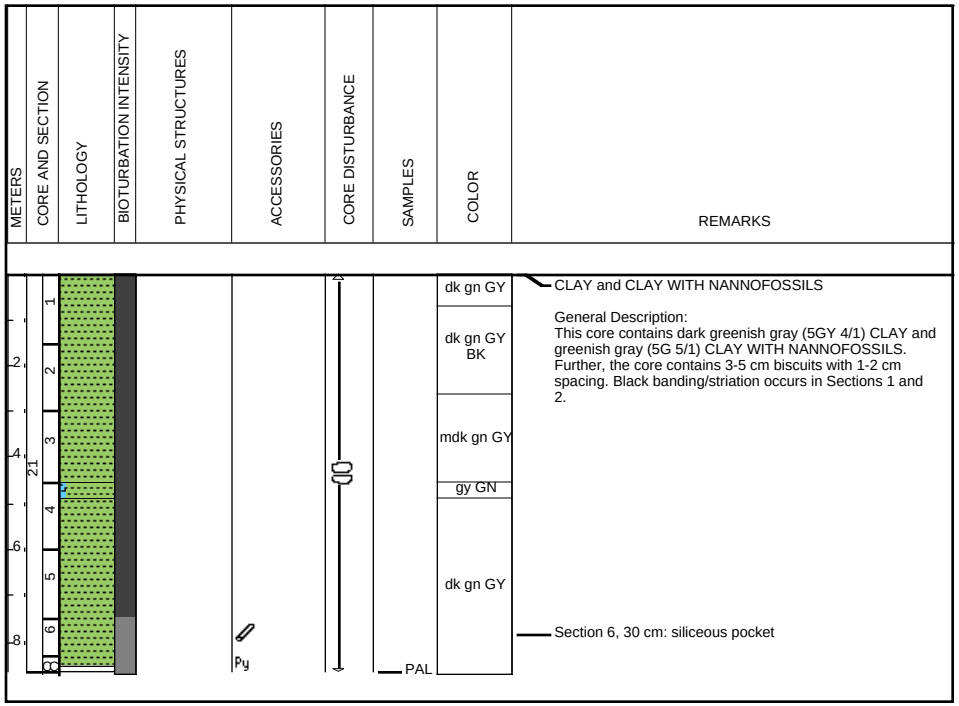
General Description:
This core contains very dark gray (5GY 3/0.5) CLAY with a greenish gray (5GY 6/1) interval of CLAY WITH NANNOFOSSILS within Sections 3 and 4. Biscuiting is moderate throughout the core. Sections 5 and 6 are characterized by burrows filled with biogenic silica and pyrite, respectively. Bioturbation is between moderate to common in all sections.

Section 4, 120-130 cm: this intervals contains a greenish gray (5GY 6/1) carbonate-rich clay characterized by mudclasts, fine flow laminations, and a scoured basal and sharp upper contacts.

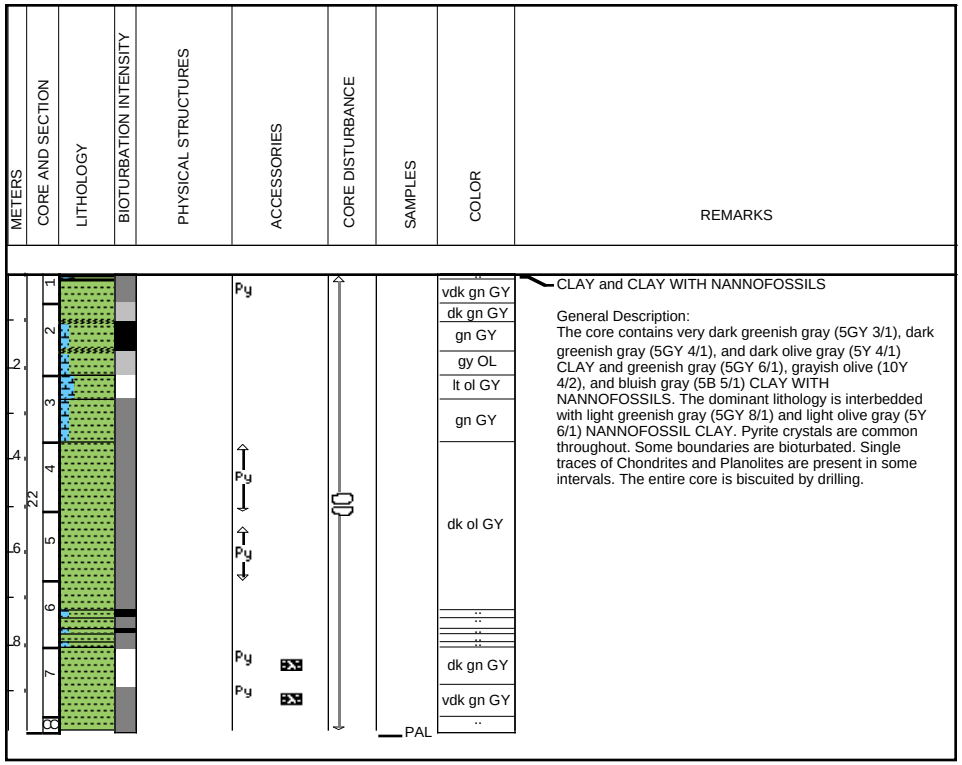
Site 1062 Hole E Core 21X

Cored 179.9-189.5 mbsf

1062E-21X

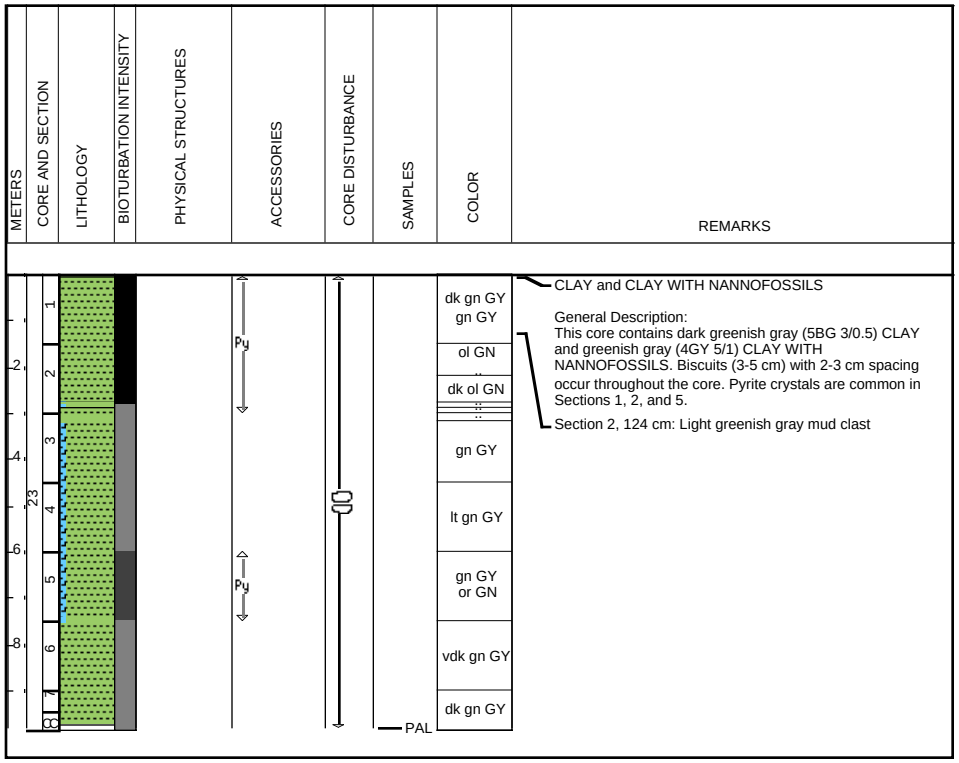


Site 1062 Hole E Core 22X **Cored 189.5-199.2 mbsf**

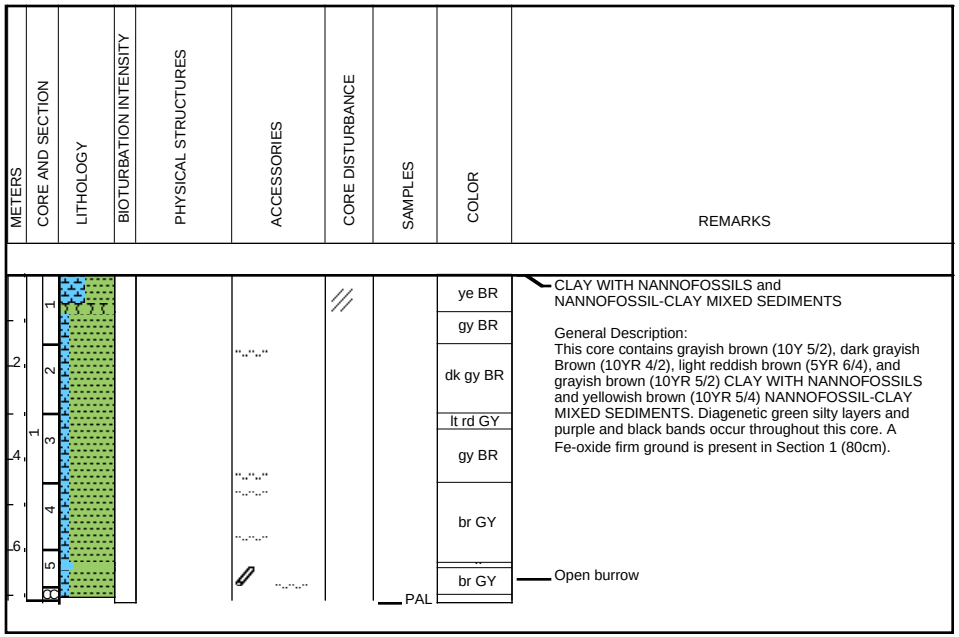


Site 1062 Hole E Core 23X **Cored 199.2-208.8 mbsf**

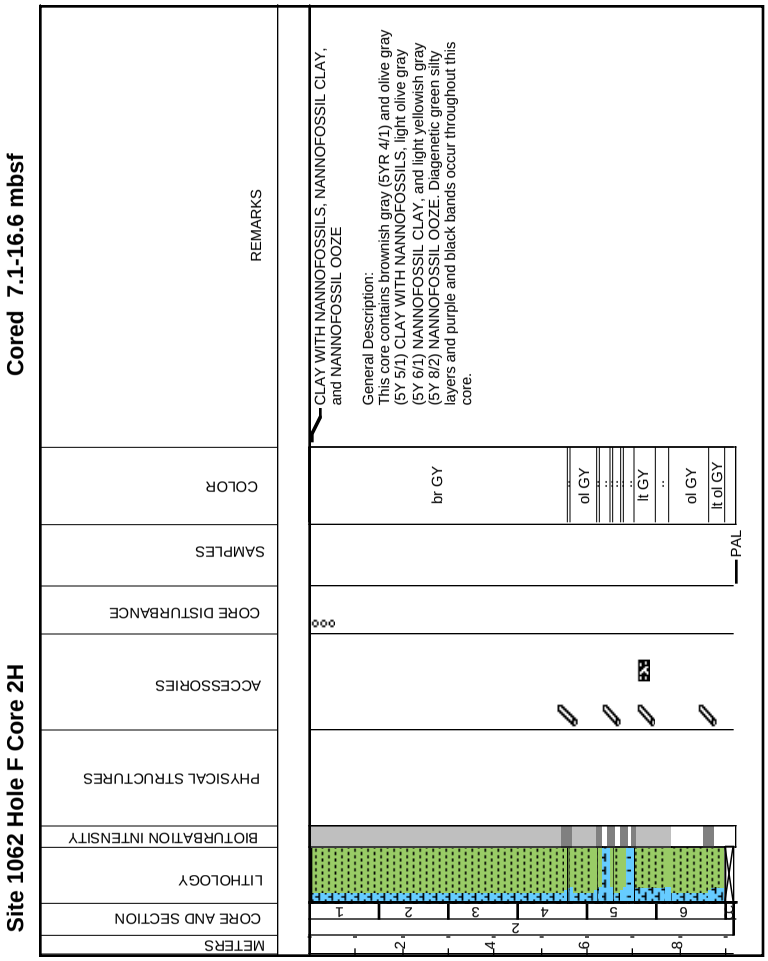
1062E-23X



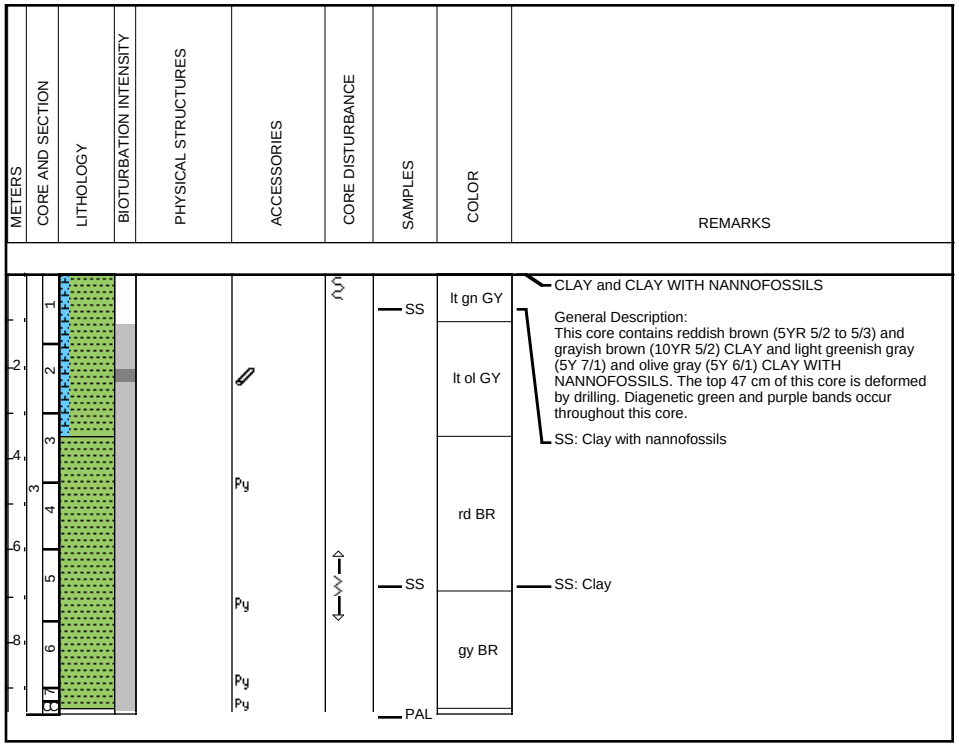
Site 1062 Hole F Core 1H **Cored 0.0-7.1 mbsf**



1062F-2H

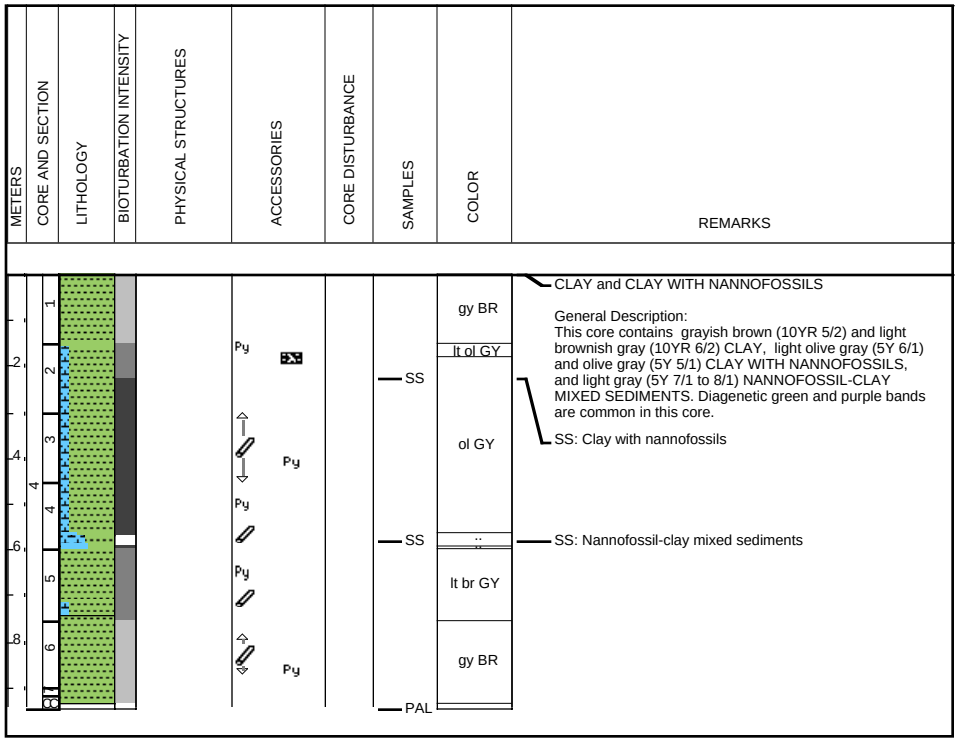

Site 1062 Hole F Core 2H
Cored 7.1-16.6 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH NANNOFOSSILS, NANNOFOSSIL CLAY, and NANNOFOSSIL OOZE
General Description:
This core contains brownish gray (5YR 4/1) and olive gray (5Y 5/1) CLAY WITH NANNOFOSSILS, light olive gray (5Y 6/1) NANNOFOSSIL CLAY, and light yellowish gray (5Y 8/2) NANNOFOSSIL OOZE. Diagenetic green silty layers and purple and black bands occur throughout this core.
br GY
ol GY
lt GY
ol GY
lt ol GY
PAL

Site 1062 Hole F Core 3H **Cored 16.6-26.1 mbsf**

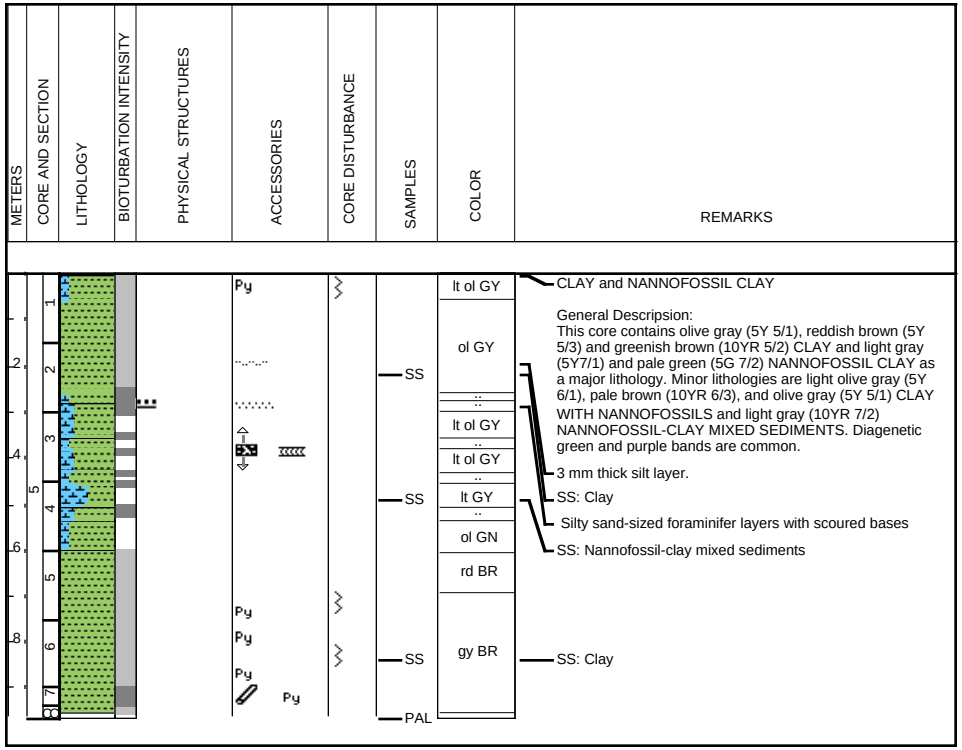


Site 1062 Hole F Core 4H

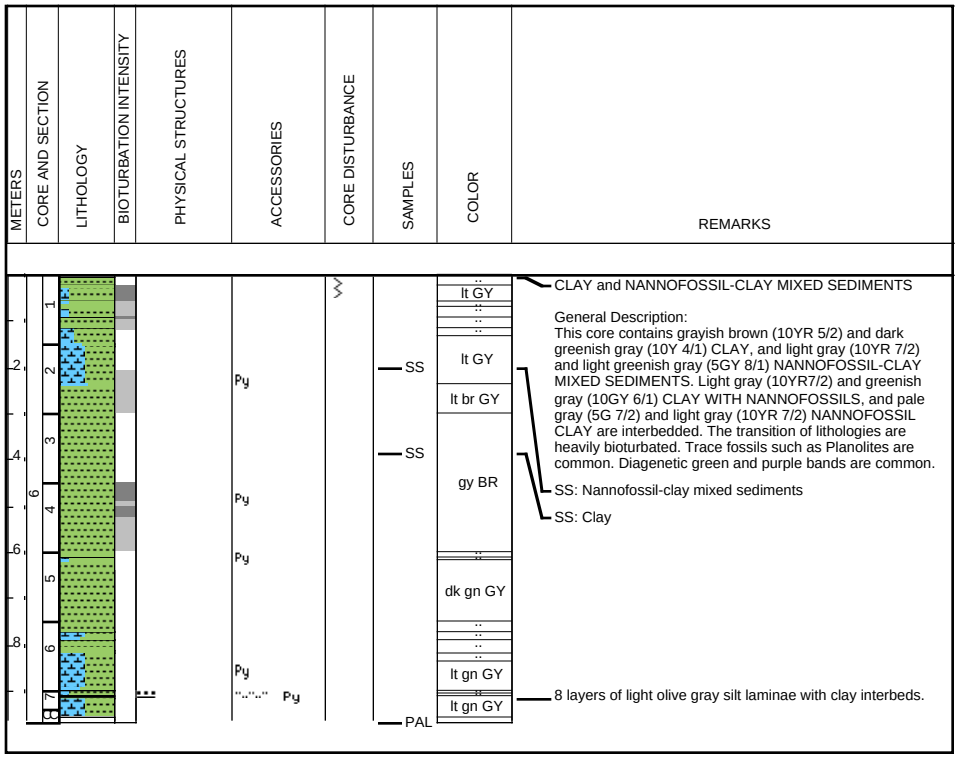
Cored 26.1-35.6 mbsf



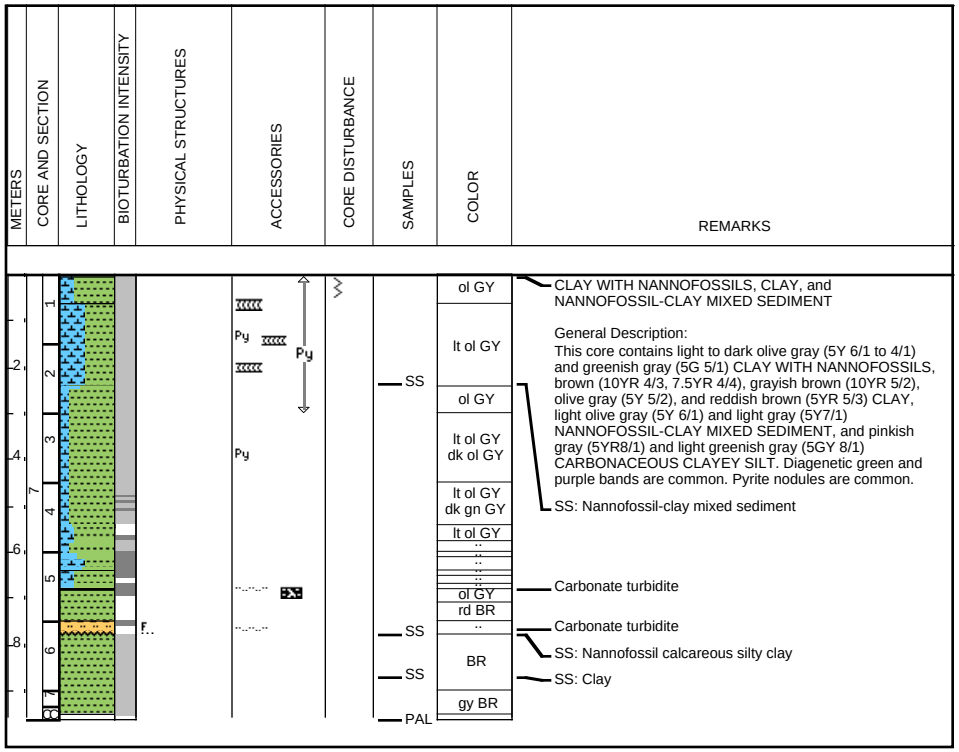
Site 1062 Hole F Core 5H **Cored 35.6-45.1 mbsf**



Site 1062 Hole F Core 6H — Cored 45.1-54.6 mbsf



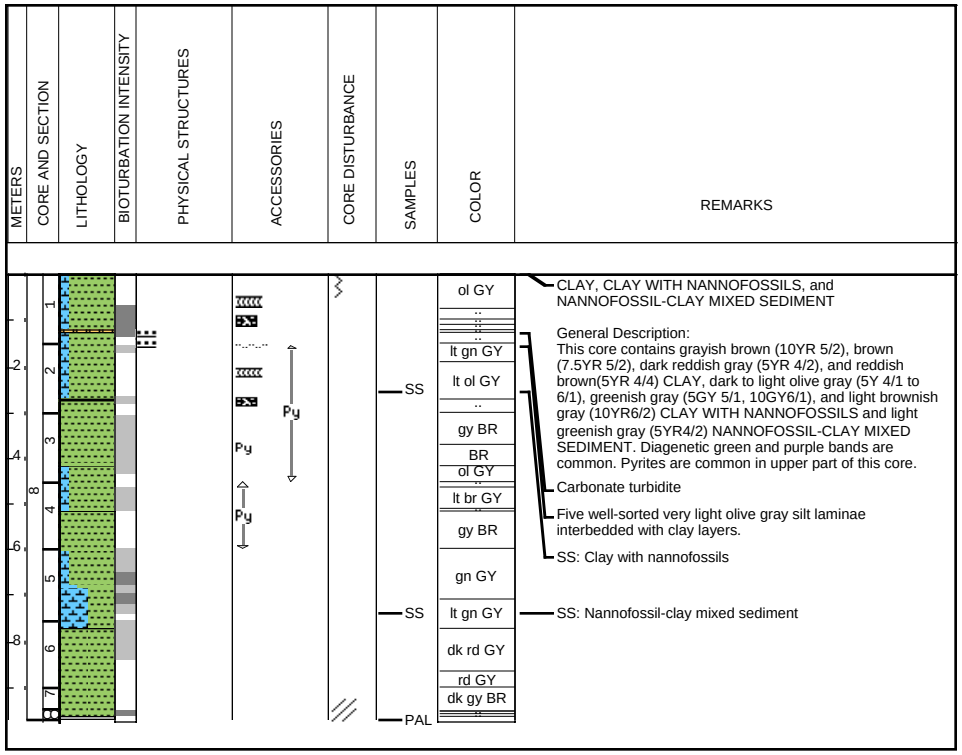
Site 1062 Hole F Core 7H **Cored 54.6-64.1 mbsf**



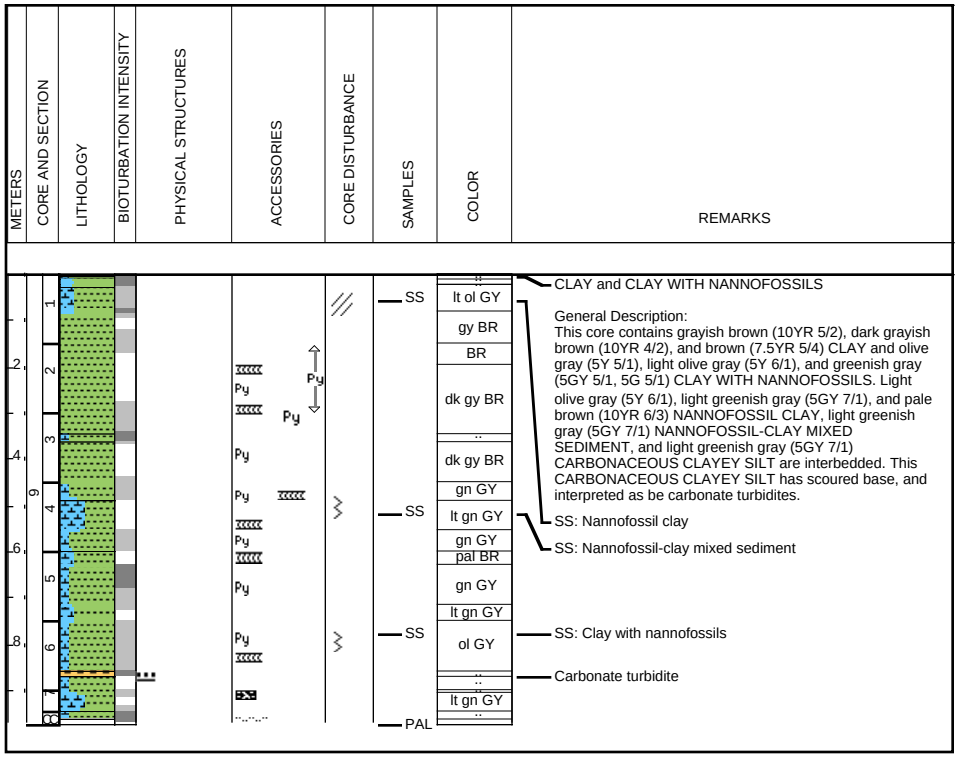
Site 1062 Hole F Core 8H

Cored 64.1-73.6 mbsf

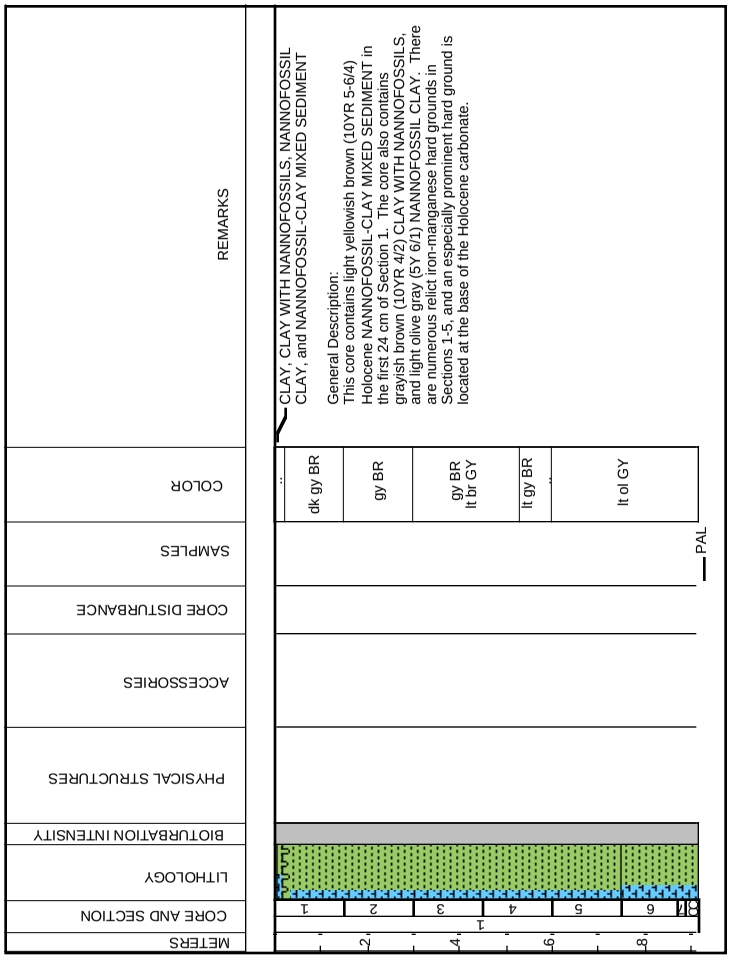
1062F-8H



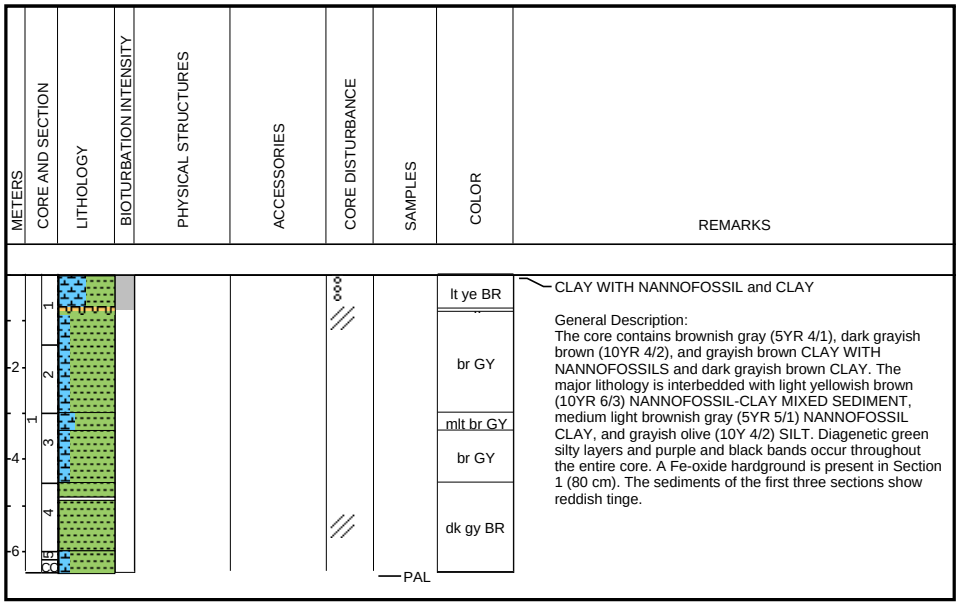
Site 1062 Hole F Core 9H **Cored 73.6-83.1 mbsf**



1062G-1H

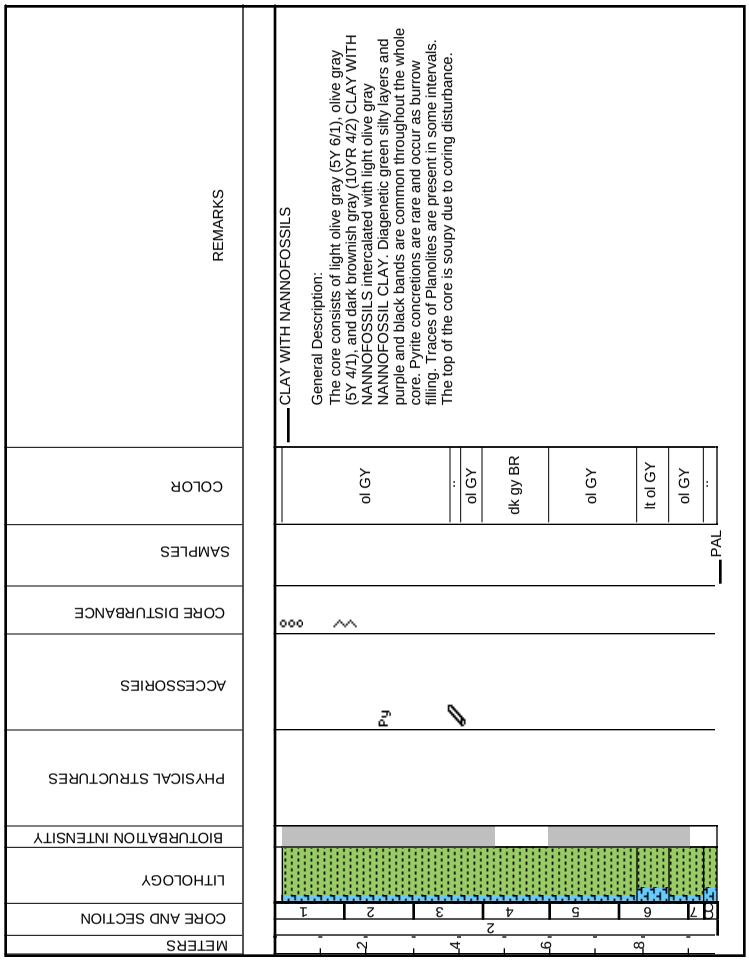

Site 1062 Hole G Core 1H
Cored 0.0-9.3 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
1
2
3
4
5
6
CC
PAL
dk gy BR
gy BR
gy BR
lt br GY
lt gy BR
lt ol GY
CLAY, CLAY WITH NANNOFOSSILS, NANNOFOSSIL CLAY, and NANNOFOSSIL-CLAY MIXED SEDIMENT
General Description:
This core contains light yellowish brown (10YR 5-6/4) Holocene NANNOFOSSIL-CLAY MIXED SEDIMENT in the first 24 cm of Section 1. The core also contains grayish brown (10YR 4/2) CLAY WITH NANNOFOSSILS, and light olive gray (5Y 6/1) NANNOFOSSIL CLAY. There are numerous relict iron-manganese hard grounds in Sections 1-5, and an especially prominent hard ground is located at the base of the Holocene carbonate.

Site 1062 Hole H Core 1H **Cored 0.0-6.5 mbsf**

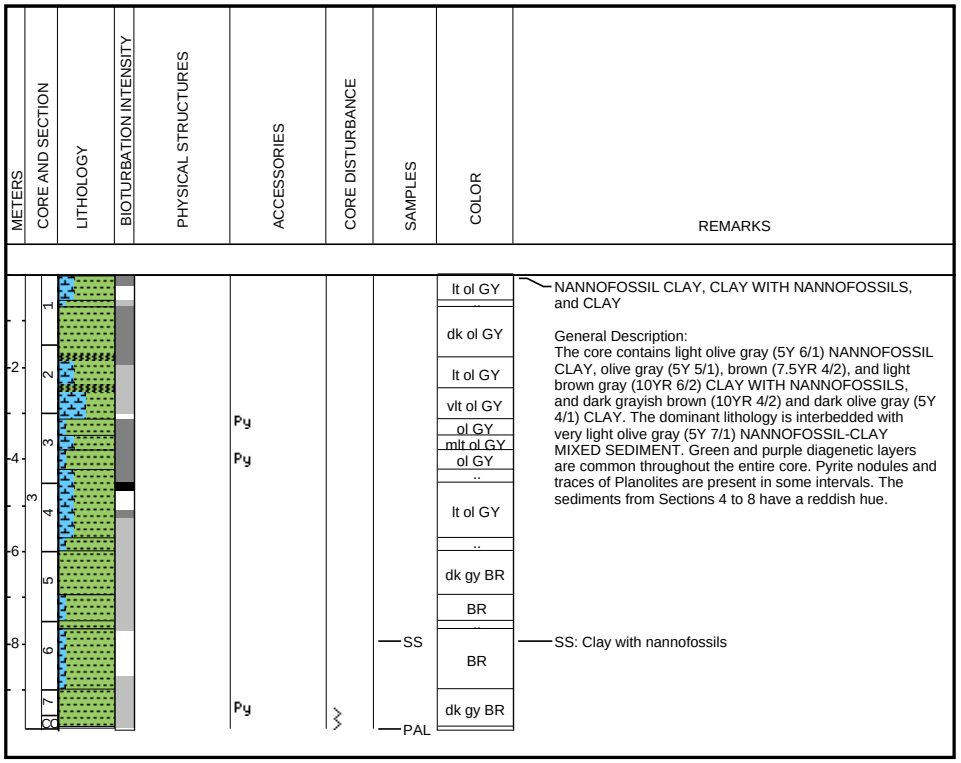


General Description:
The core contains brownish gray (5YR 4/1), dark grayish brown (10YR 4/2), and grayish brown CLAY WITH NANNOFOSSILS and dark grayish brown CLAY. The major lithology is interbedded with light yellowish brown (10YR 6/3) NANNOFOSSIL-CLAY MIXED SEDIMENT, medium light brownish gray (5YR 5/1) NANNOFOSSIL CLAY, and grayish olive (10Y 4/2) SILT. Diagenetic green silty layers and purple and black bands occur throughout the entire core. A Fe-oxide hardground is present in Section 1 (80 cm). The sediments of the first three sections show reddish tinge.

1062H-2H


Site 1062 Hole H Core 2H
Cored 6.5-16.0 mbsf
METERS
CORE AND SECTION
LITHOLOGY
BIOTURBATION INTENSITY
PHYSICAL STRUCTURES
ACCESSORIES
CORE DISTURBANCE
SAMPLES
COLOR
REMARKS
CLAY WITH NANNOFOSSILS
General Description:
The core consists of light olive gray (5Y 6/1), olive gray (5Y 4/1), and dark brownish gray (10YR 4/2) CLAY WITH NANNOFOSSILS intercalated with light olive gray NANNOFOSSIL CLAY. Diagenetic green silty layers and purple and black bands are common throughout the whole core. Pyrite concretions are rare and occur as burrow filling. Traces of Planolites are present in some intervals. The top of the core is soupy due to coring disturbance.
ol GY
ol GY
dk gy BR
ol GY
lt ol GY
ol GY
Py
PAL

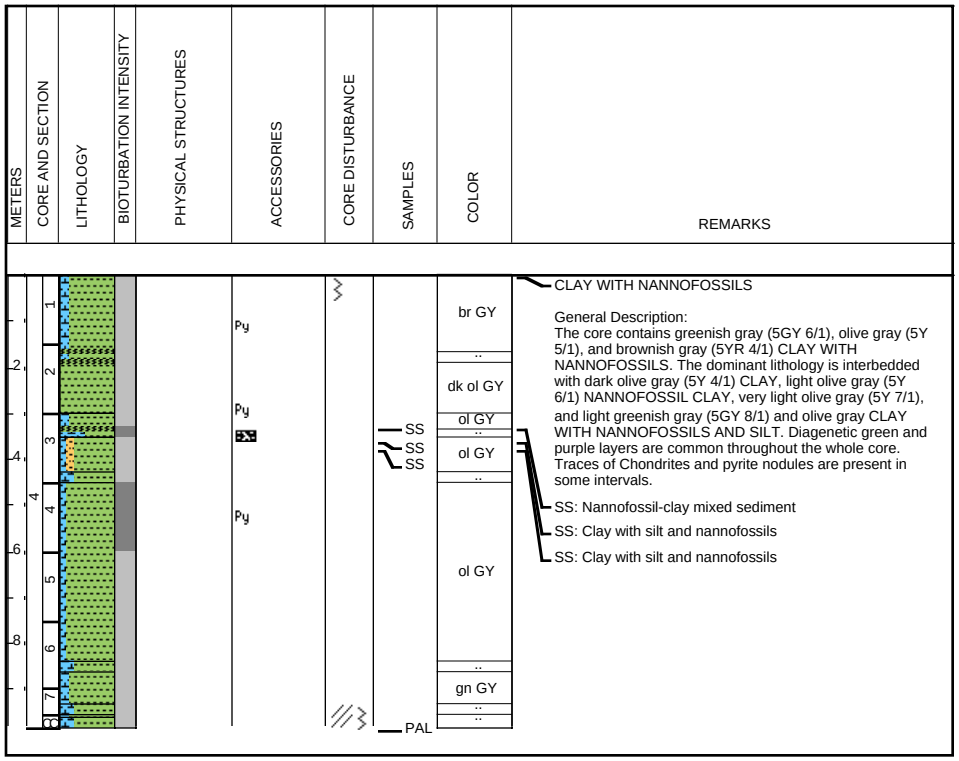
Site 1062 Hole H Core 3H **Cored 16.0-25.5 mbsf**



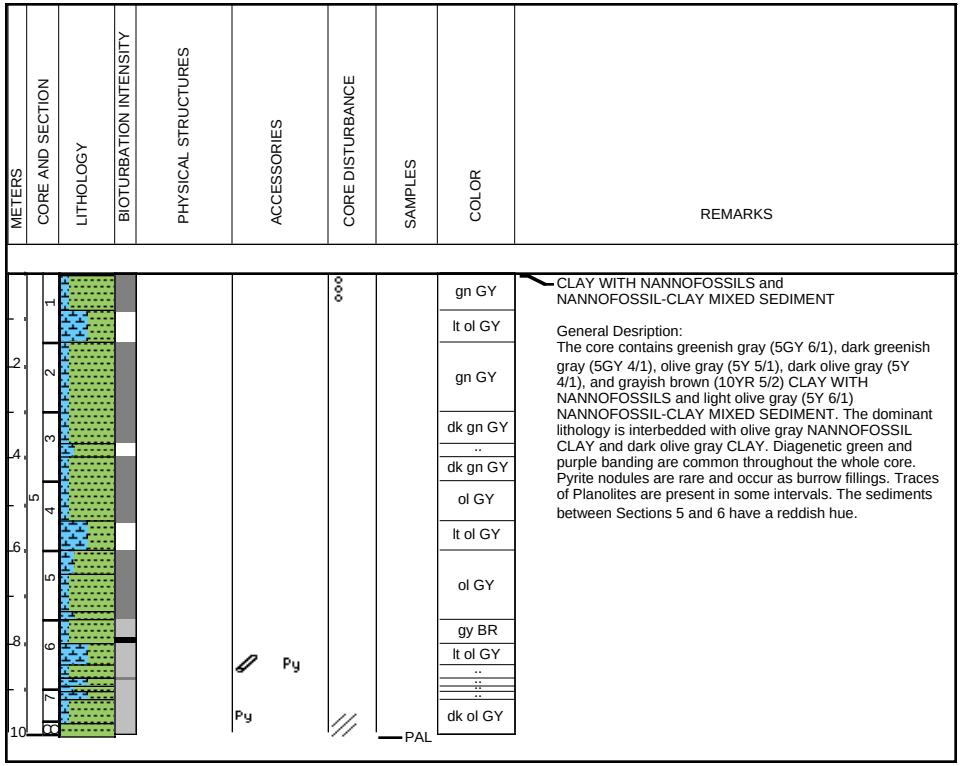
Site 1062 Hole H Core 4H

Cored 25.5-35.0 mbsf

1062H-4H



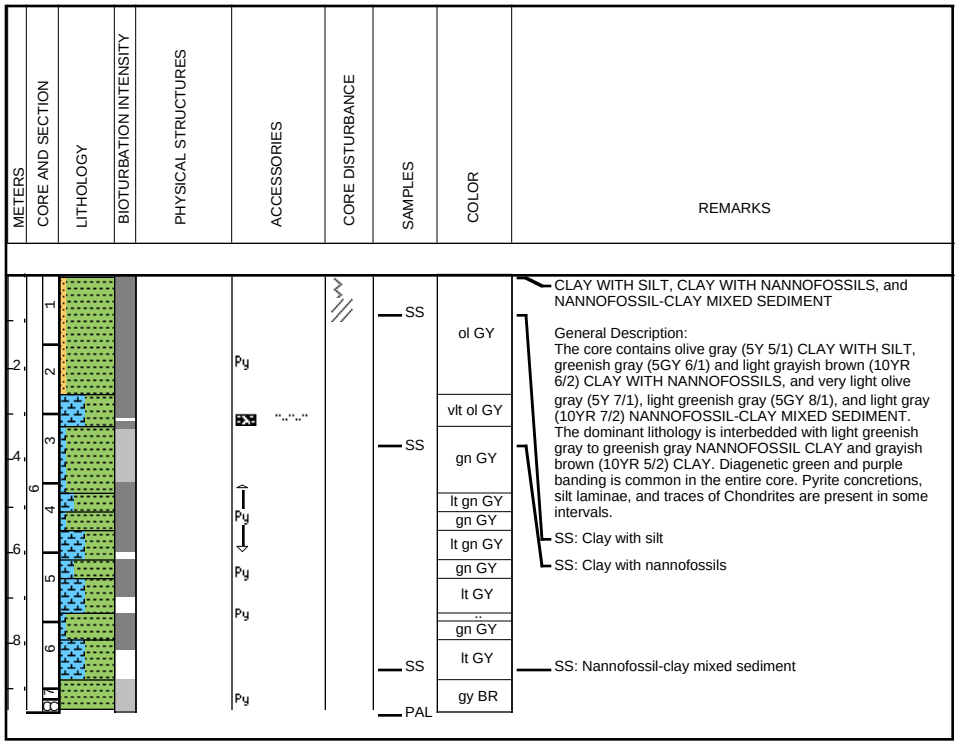
Site 1062 Hole H Core 5H **Cored 35.0-44.5 mbsf**



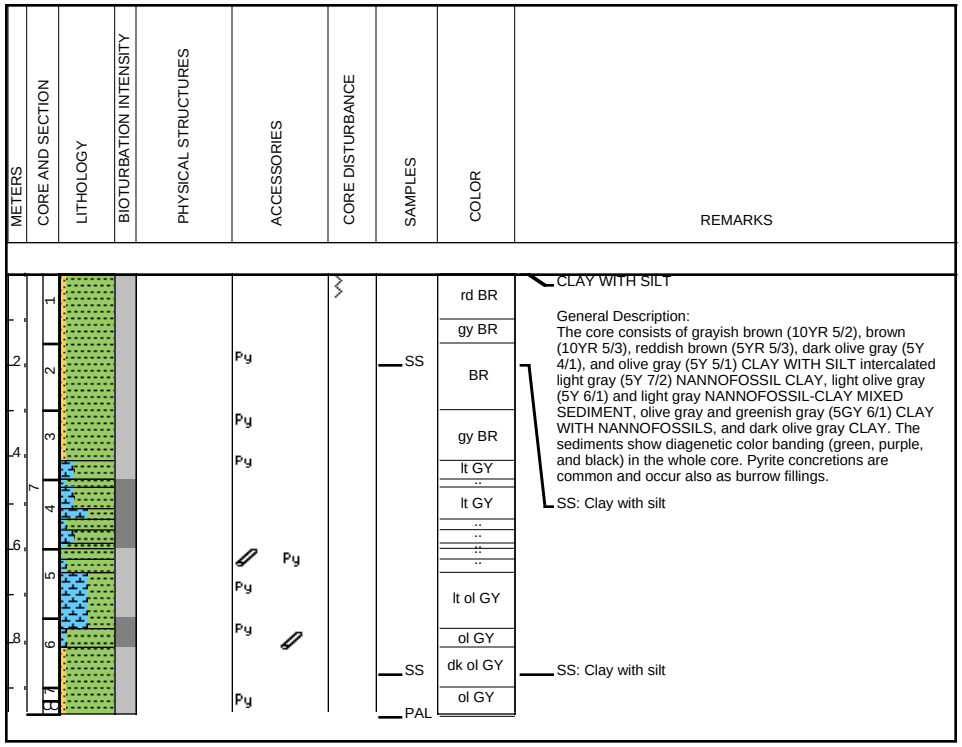
Site 1062 Hole H Core 6H

Cored 44.5-54.0 mbsf

1062H-6H



Site 1062 Hole H Core 7H **Cored 54.0-63.5 mbsf**



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