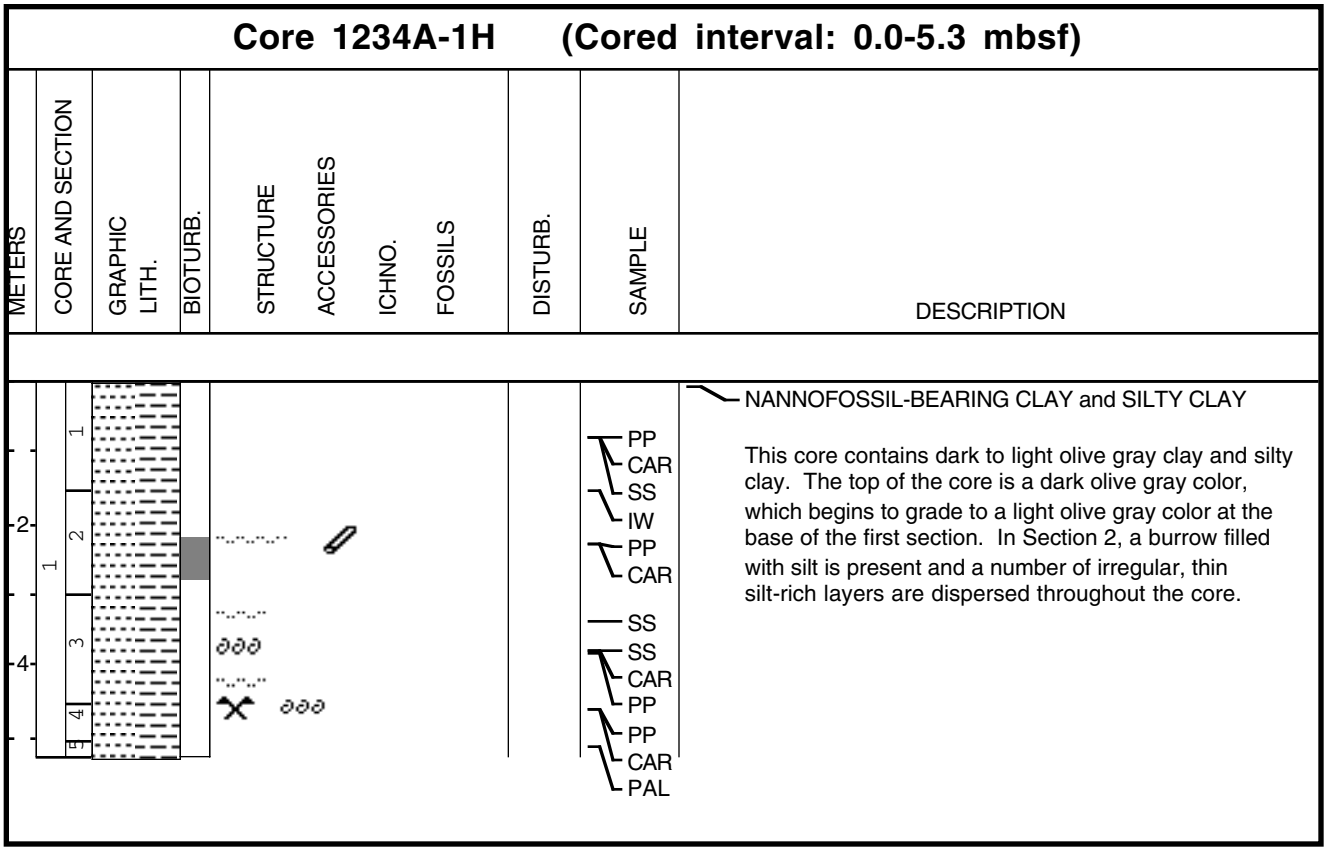
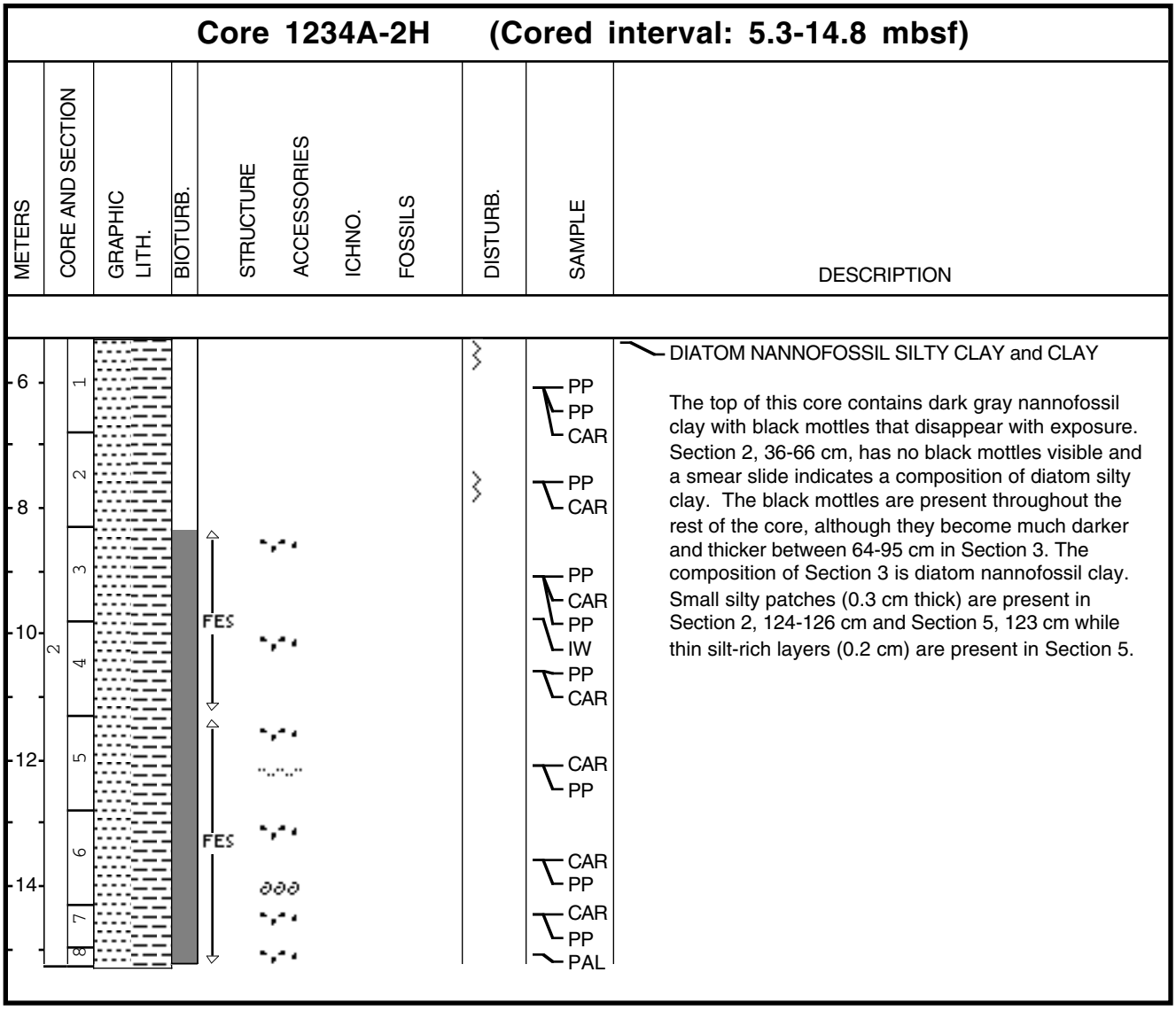
Core Photo

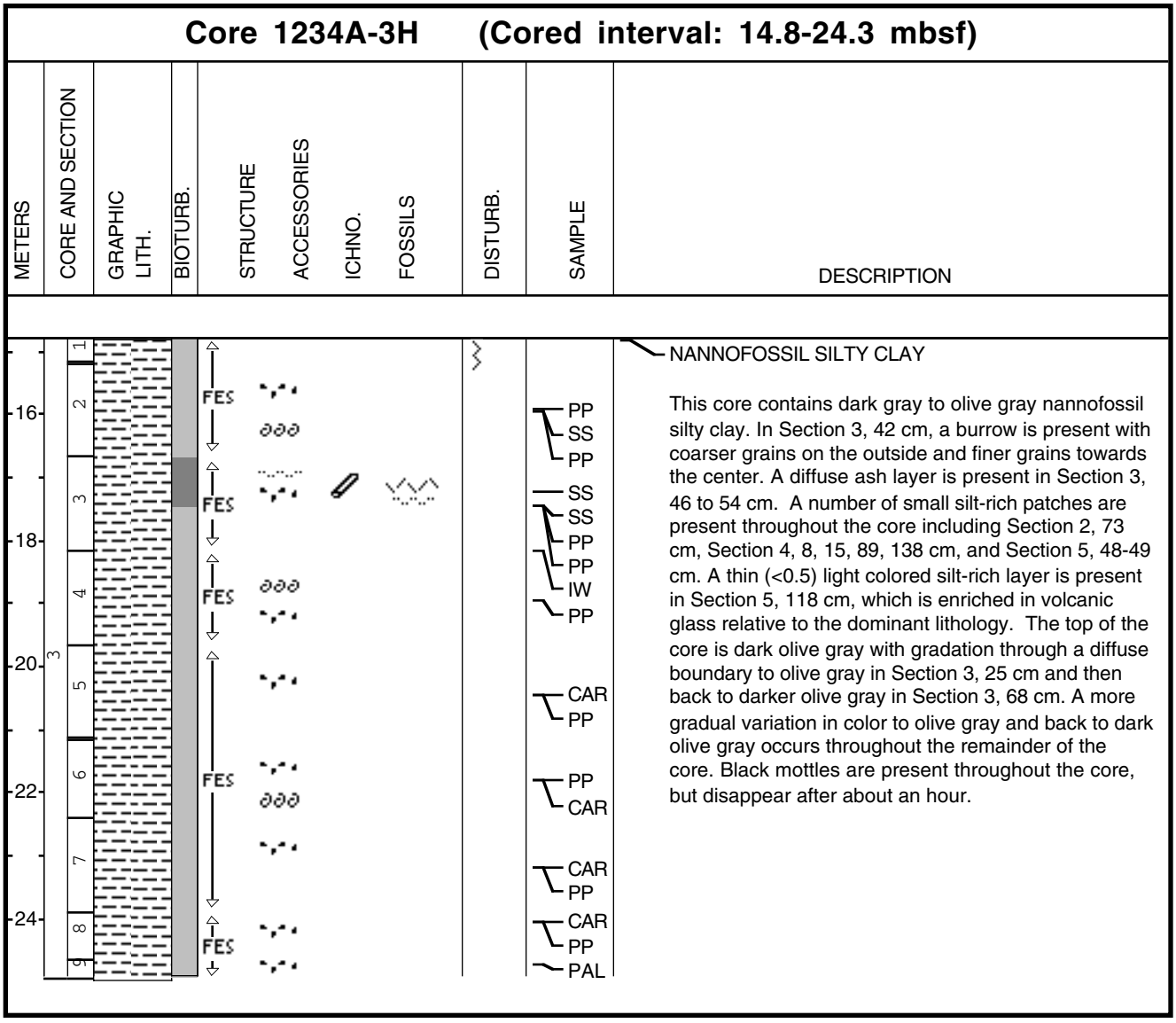
Core 1234A-1H (Cored interval: 0.0-5.3 mbsf)



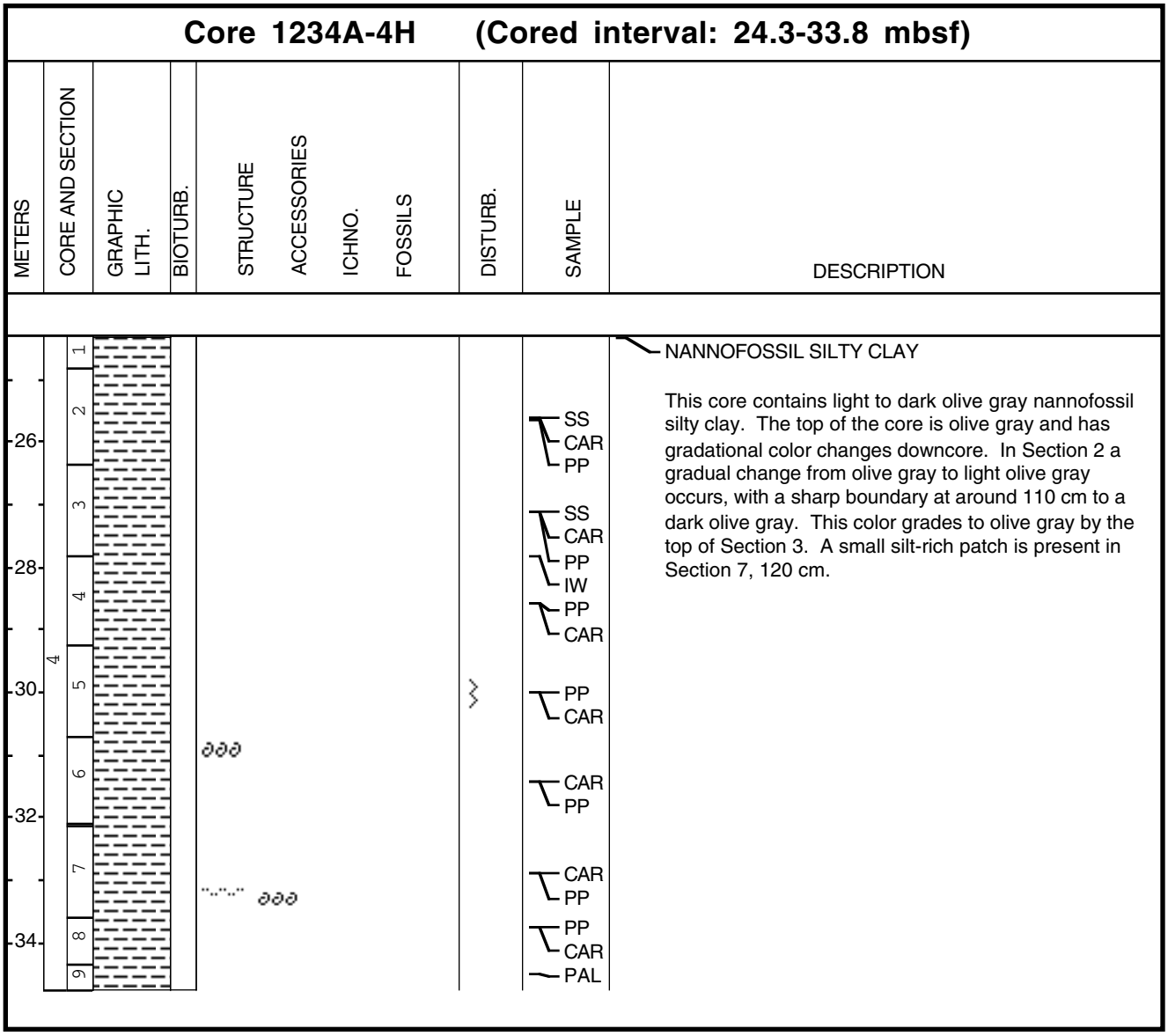
Core Photo


Core 1234A-2H (Cored interval: 5.3-14.8 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
6
8
10
12
14
2
1
2
3
4
5
6
7
8
FES
FES
PP
PP
CAR
PP
CAR
PP
CAR
PP
IW
PP
CAR
CAR
PP
CAR
PP
CAR
PP
PAL
DIATOM NANNOFOSSIL SILTY CLAY and CLAY
The top of this core contains dark gray nannofossil clay with black mottles that disappear with exposure. Section 2, 36-66 cm, has no black mottles visible and a smear slide indicates a composition of diatom silty clay. The black mottles are present throughout the rest of the core, although they become much darker and thicker between 64-95 cm in Section 3. The composition of Section 3 is diatom nannofossil clay. Small silty patches (0.3 cm thick) are present in Section 2, 124-126 cm and Section 5, 123 cm while thin silt-rich layers (0.2 cm) are present in Section 5.

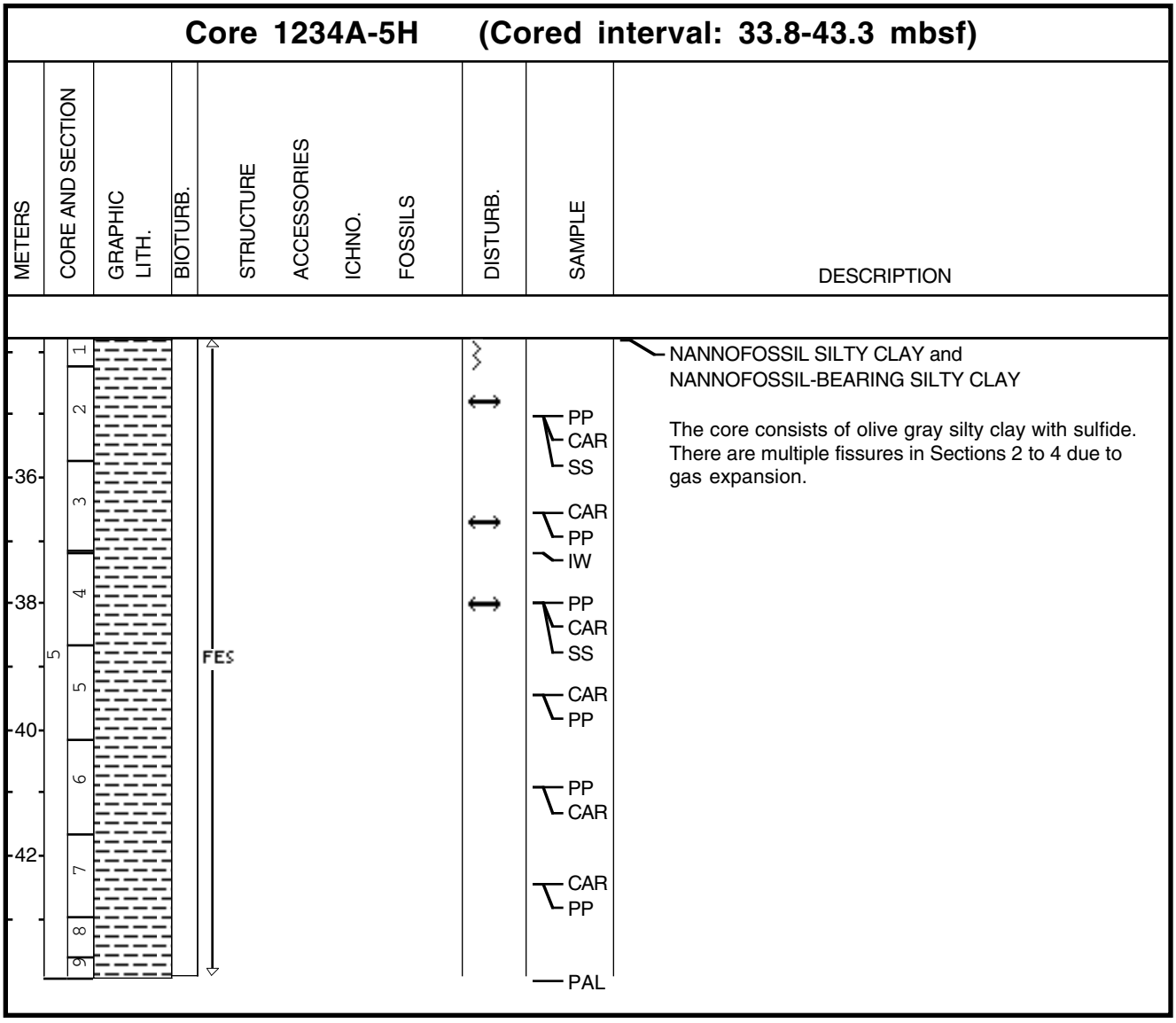
Core Photo


Core 1234A-3H (Cored interval: 14.8-24.3 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
16
18
20
22
24
3
1
2
3
4
5
6
7
8
9
FES
PP
SS
PP
SS
SS
PP
PP
IW
PP
CAR
PP
PP
CAR
CAR
PP
CAR
PP
PAL
NANNOFOSSIL SILTY CLAY
This core contains dark gray to olive gray nannofossil silty clay. In Section 3, 42 cm, a burrow is present with coarser grains on the outside and finer grains towards the center. A diffuse ash layer is present in Section 3, 46 to 54 cm. A number of small silt-rich patches are present throughout the core including Section 2, 73 cm, Section 4, 8, 15, 89, 138 cm, and Section 5, 48-49 cm. A thin (<0.5) light colored silt-rich layer is present in Section 5, 118 cm, which is enriched in volcanic glass relative to the dominant lithology. The top of the core is dark olive gray with gradation through a diffuse boundary to olive gray in Section 3, 25 cm and then back to darker olive gray in Section 3, 68 cm. A more gradual variation in color to olive gray and back to dark olive gray occurs throughout the remainder of the core. Black mottles are present throughout the core, but disappear after about an hour.

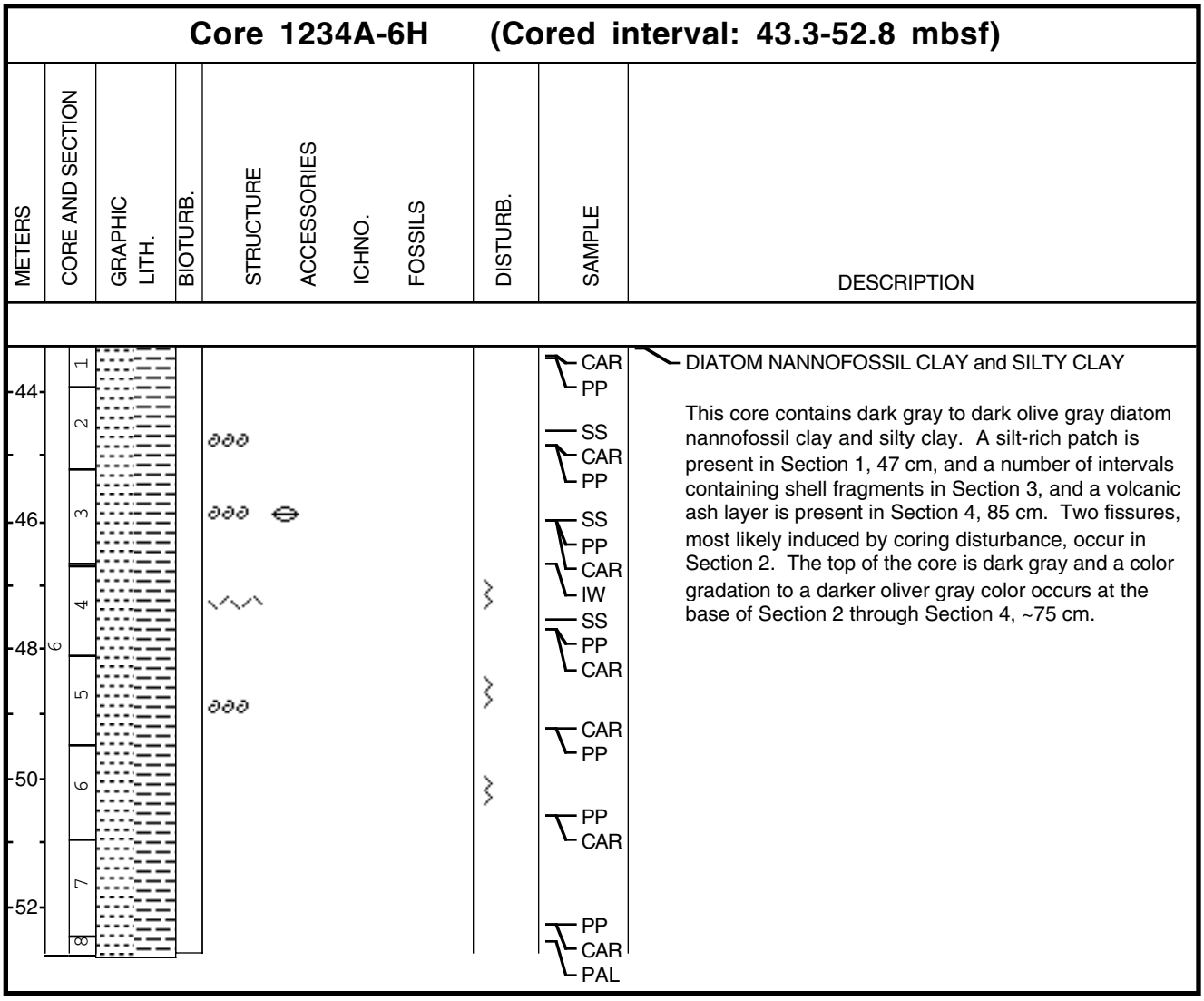
Core Photo


Core 1234A-4H (Cored interval: 24.3-33.8 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
26
28
30
32
34
4
1
2
3
4
5
6
7
8
9
SS
CAR
PP
SS
CAR
PP
IW
PP
CAR
PP
CAR
CAR
PP
CAR
PP
PP
CAR
PAL
NANNOFOSSIL SILTY CLAY
This core contains light to dark olive gray nannofossil silty clay. The top of the core is olive gray and has gradational color changes downcore. In Section 2 a gradual change from olive gray to light olive gray occurs, with a sharp boundary at around 110 cm to a dark olive gray. This color grades to olive gray by the top of Section 3. A small silt-rich patch is present in Section 7, 120 cm.

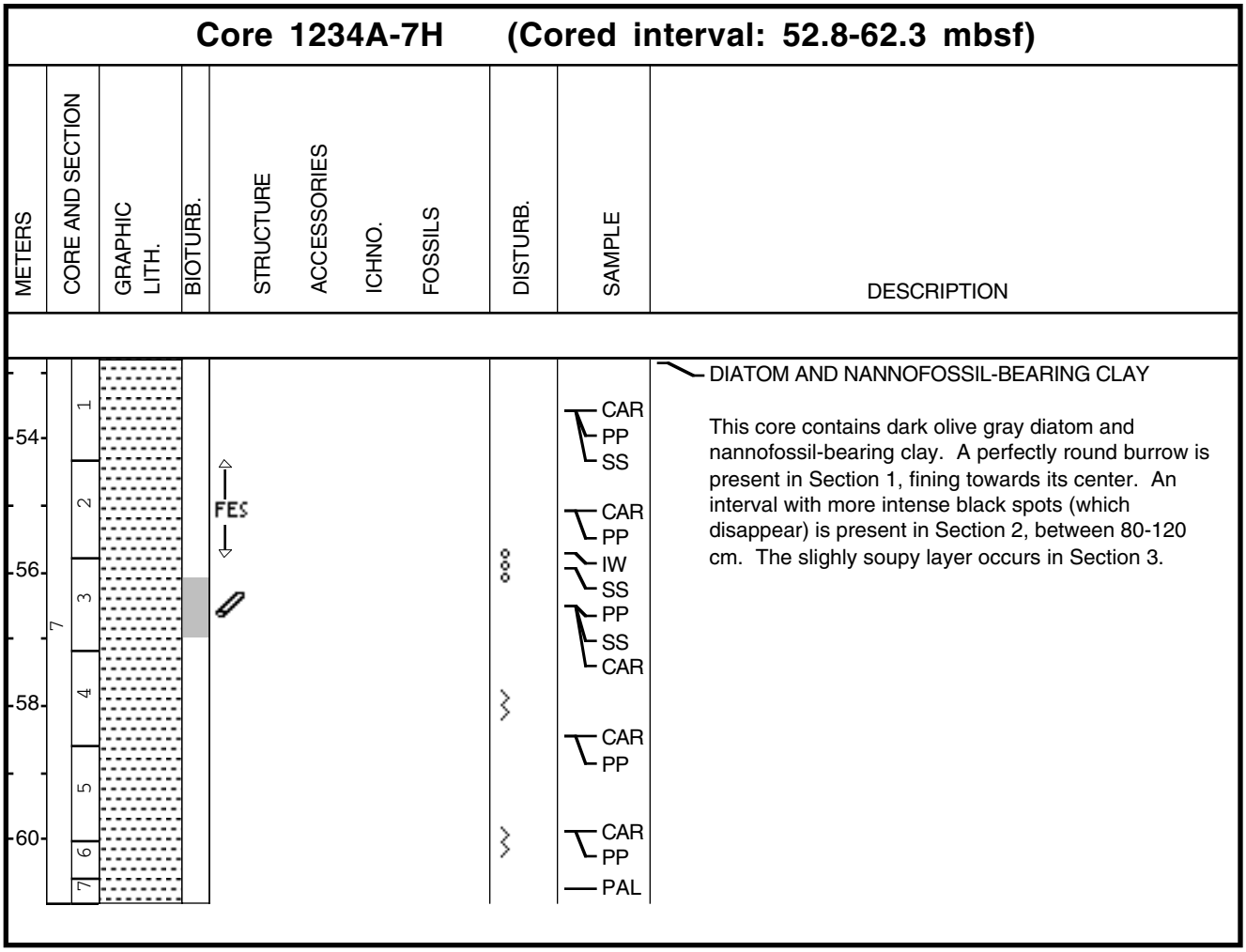
Core Photo


Core 1234A-5H (Cored interval: 33.8-43.3 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
36
38
40
42
5
1
2
3
4
5
6
7
8
9
FES
PP
CAR
SS
CAR
PP
IW
PP
CAR
SS
CAR
PP
PP
CAR
CAR
PP
PAL
NANNOFOSSIL SILTY CLAY and
NANNOFOSSIL-BEARING SILTY CLAY
The core consists of olive gray silty clay with sulfide. There are multiple fissures in Sections 2 to 4 due to gas expansion.

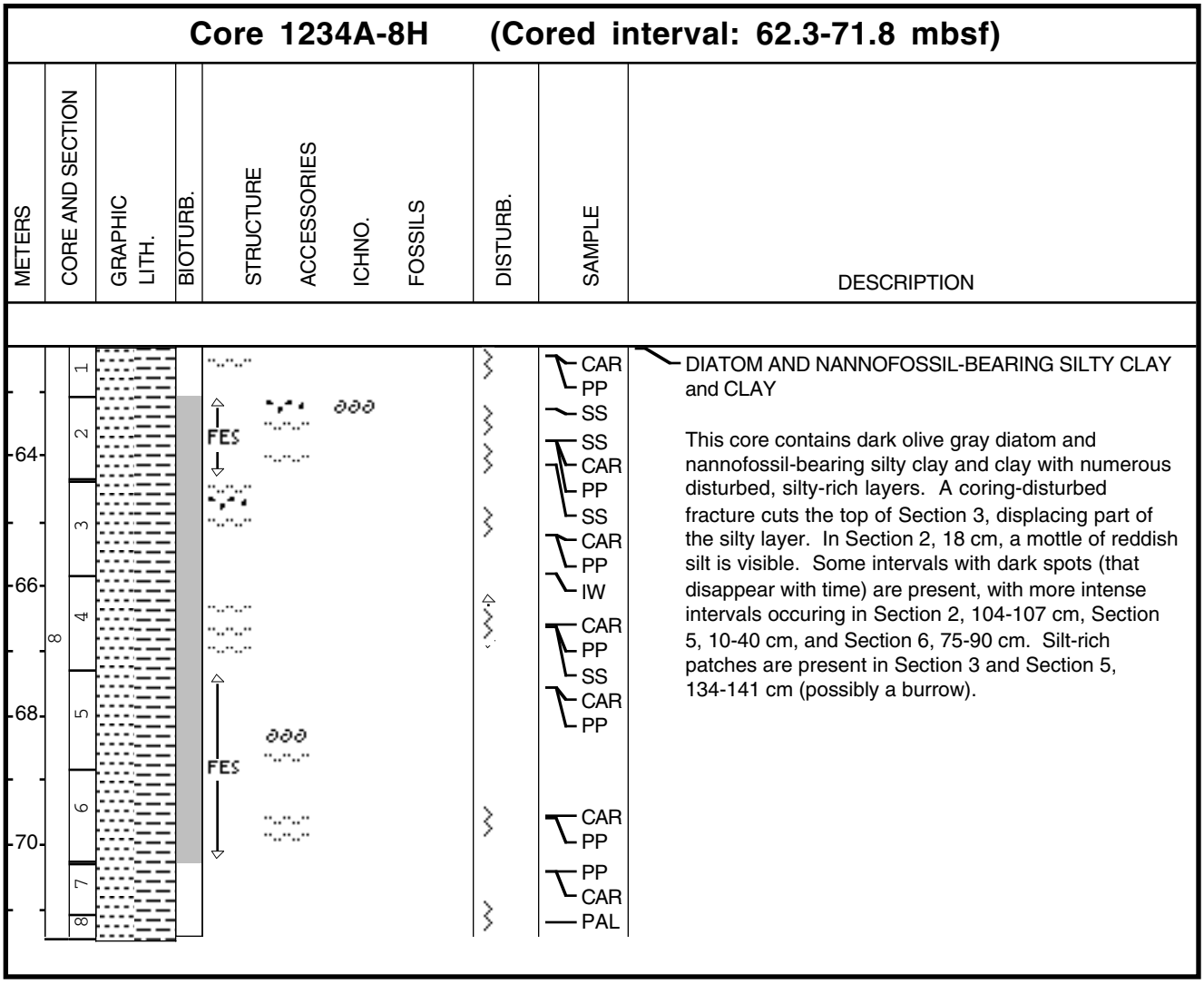
Core Photo


Core 1234A-6H (Cored interval: 43.3-52.8 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
44
46
48
50
52
6
1
2
3
4
5
6
7
8
CAR
PP
SS
CAR
PP
SS
PP
CAR
IW
SS
PP
CAR
CAR
PP
PP
CAR
PP
CAR
PAL
DIATOM NANNOFOSSIL CLAY and SILTY CLAY
This core contains dark gray to dark olive gray diatom nannofossil clay and silty clay. A silt-rich patch is present in Section 1, 47 cm, and a number of intervals containing shell fragments in Section 3, and a volcanic ash layer is present in Section 4, 85 cm. Two fissures, most likely induced by coring disturbance, occur in Section 2. The top of the core is dark gray and a color gradation to a darker oliver gray color occurs at the base of Section 2 through Section 4, ~75 cm.

Core Photo

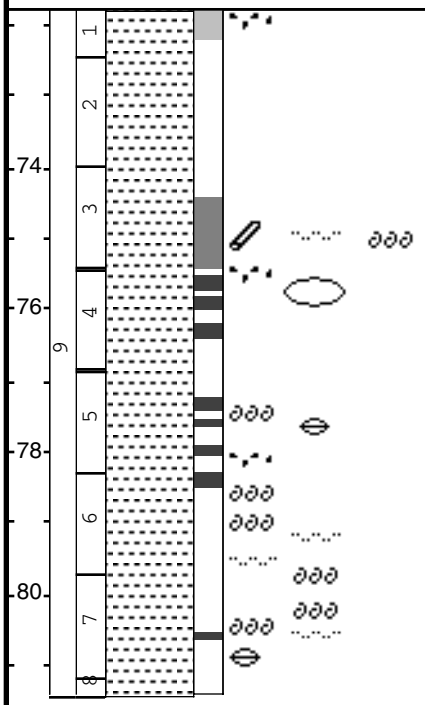

Core 1234A-7H (Cored interval: 52.8-62.3 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
54
56
58
60
7
1
2
3
4
5
6
7
FES
CAR
PP
SS
CAR
PP
IW
SS
PP
SS
CAR
CAR
PP
CAR
PP
PAL
DIATOM AND NANNOFOSSIL-BEARING CLAY
This core contains dark olive gray diatom and nannofossil-bearing clay. A perfectly round burrow is present in Section 1, fining towards its center. An interval with more intense black spots (which disappear) is present in Section 2, between 80-120 cm. The slighly soupy layer occurs in Section 3.

Core Photo


Core 1234A-8H (Cored interval: 62.3-71.8 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
64
66
68
70
8
1
2
3
4
5
6
7
8
FES
FES
CAR
PP
SS
SS
CAR
PP
SS
CAR
PP
IW
CAR
PP
SS
CAR
PP
CAR
PP
PP
CAR
PAL
DIATOM AND NANNOFOSSIL-BEARING SILTY CLAY and CLAY
This core contains dark olive gray diatom and nannofossil-bearing silty clay and clay with numerous disturbed, silty-rich layers. A coring-disturbed fracture cuts the top of Section 3, displacing part of the silty layer. In Section 2, 18 cm, a mottle of reddish silt is visible. Some intervals with dark spots (that disappear with time) are present, with more intense intervals occuring in Section 2, 104-107 cm, Section 5, 10-40 cm, and Section 6, 75-90 cm. Silt-rich patches are present in Section 3 and Section 5, 134-141 cm (possibly a burrow).

Core Photo

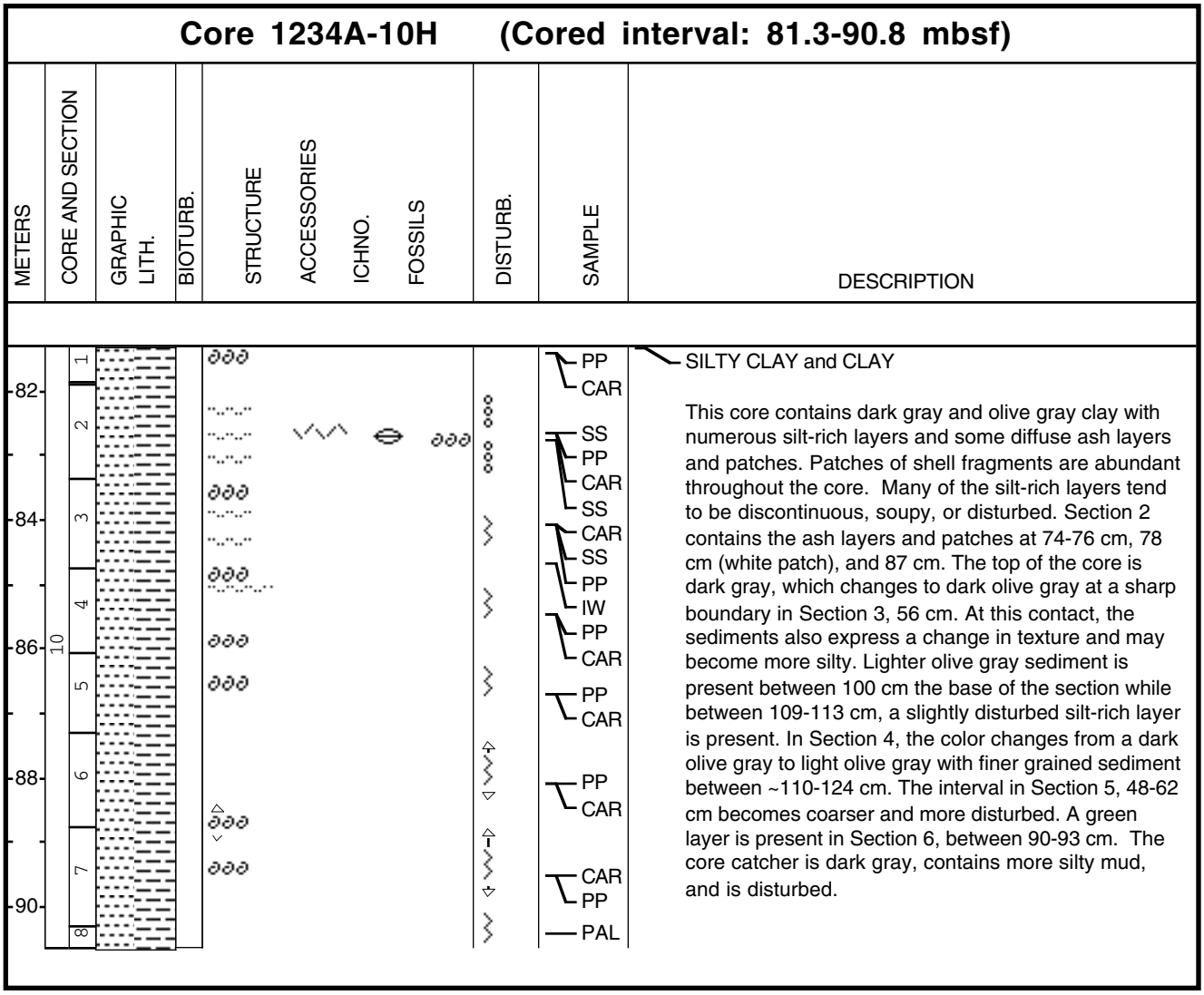
Core 1234A-9H (Cored interval: 71.8-81.3 mbsf)



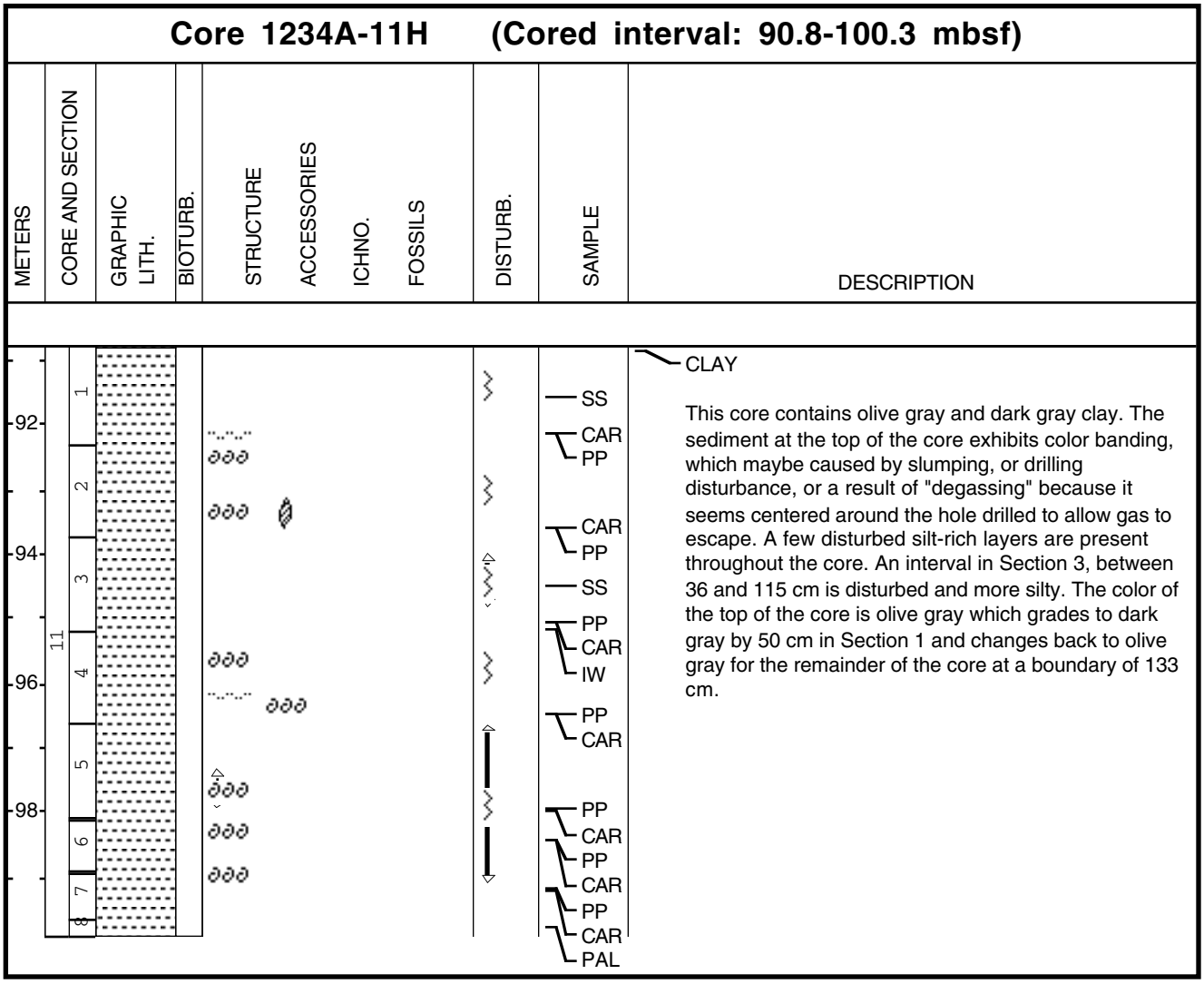
NANNOFOSSIL CLAY and NANNOFOSSIL-BEARING CLAY

This core contains dark olive gray and olive gray nannofossil clay and nannofossil-bearing clay. A sub-vertical burrow (~1 cm wide) is present in Section 3, 99-109 cm. At this boundary, where a very small greenish patch is present, a change in color from dark olive gray to dark gray occurs, which grades to light olive gray at the top and middle of Section 4, respectively, and then back to dark gray by the base of Section 4 (gradation occurs between 120-135 cm). In Section 6, 129 cm, the color becomes gray and light gray at the base of Section 6. Dark gray color dominates for the remainder of the core. Below the top of Section 4, bioturbation and patches of shell fragments (some bivalves) are commonly observed. A sandy silt patch is present in Section 3, 11 cm, a silty patch in Section 5, 73 cm, and thin, more disturbed bands of clay in Section 6, 33-35 cm, 39-42 cm, and Section 7, 86-89 cm. This basal layer has no clear contact, is silty and is associated with a slight change in color to darker gray.

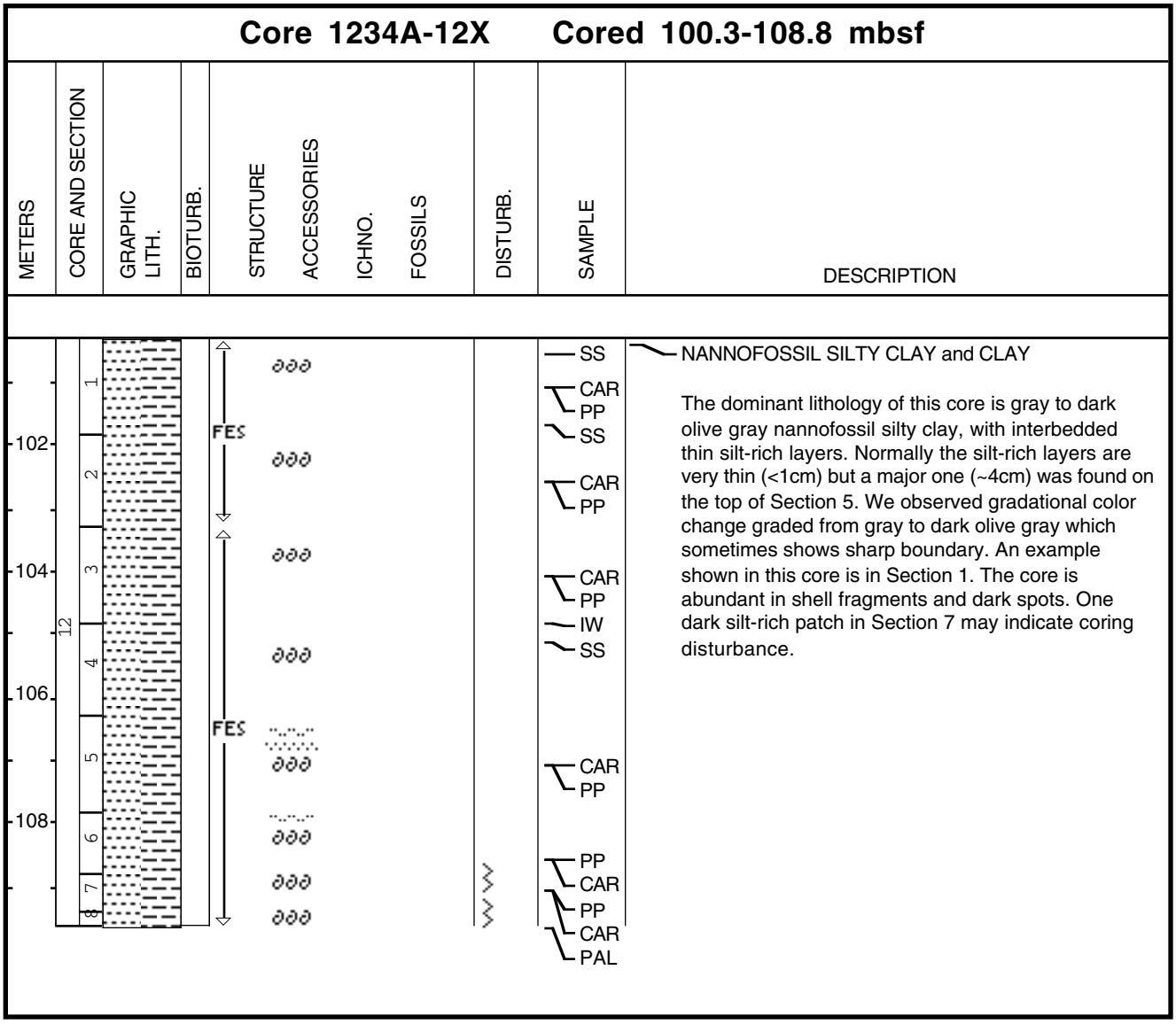
Core Photo


Core 1234A-10H (Cored interval: 81.3-90.8 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
82
84
86
88
90
10
1
2
3
4
5
6
7
8
PP
CAR
SS
PP
CAR
SS
CAR
SS
PP
IW
PP
CAR
PP
CAR
PP
CAR
CAR
PP
PAL
SILTY CLAY and CLAY
This core contains dark gray and olive gray clay with numerous silt-rich layers and some diffuse ash layers and patches. Patches of shell fragments are abundant throughout the core. Many of the silt-rich layers tend to be discontinuous, soupy, or disturbed. Section 2 contains the ash layers and patches at 74-76 cm, 78 cm (white patch), and 87 cm. The top of the core is dark gray, which changes to dark olive gray at a sharp boundary in Section 3, 56 cm. At this contact, the sediments also express a change in texture and may become more silty. Lighter olive gray sediment is present between 100 cm the base of the section while between 109-113 cm, a slightly disturbed silt-rich layer is present. In Section 4, the color changes from a dark olive gray to light olive gray with finer grained sediment between ~110-124 cm. The interval in Section 5, 48-62 cm becomes coarser and more disturbed. A green layer is present in Section 6, between 90-93 cm. The core catcher is dark gray, contains more silty mud, and is disturbed.

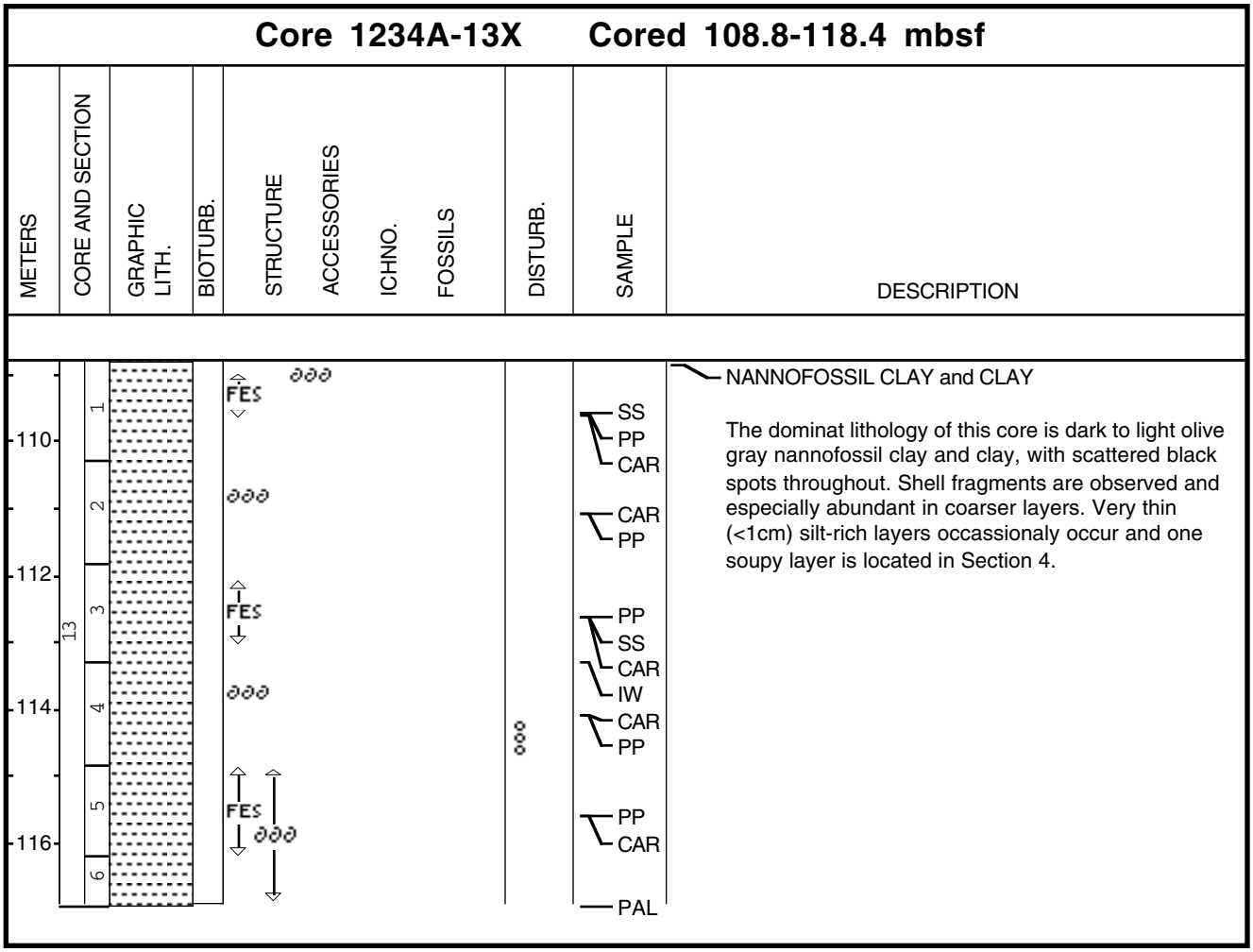
Core Photo


Core 1234A-11H (Cored interval: 90.8-100.3 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
92
94
96
98
11
1
2
3
4
5
6
7
8
SS
CAR
PP
CAR
PP
SS
PP
CAR
IW
PP
CAR
PP
CAR
PP
CAR
PP
CAR
PAL
CLAY
This core contains olive gray and dark gray clay. The sediment at the top of the core exhibits color banding, which maybe caused by slumping, or drilling disturbance, or a result of "degassing" because it seems centered around the hole drilled to allow gas to escape. A few disturbed silt-rich layers are present throughout the core. An interval in Section 3, between 36 and 115 cm is disturbed and more silty. The color of the top of the core is olive gray which grades to dark gray by 50 cm in Section 1 and changes back to olive gray for the remainder of the core at a boundary of 133 cm.

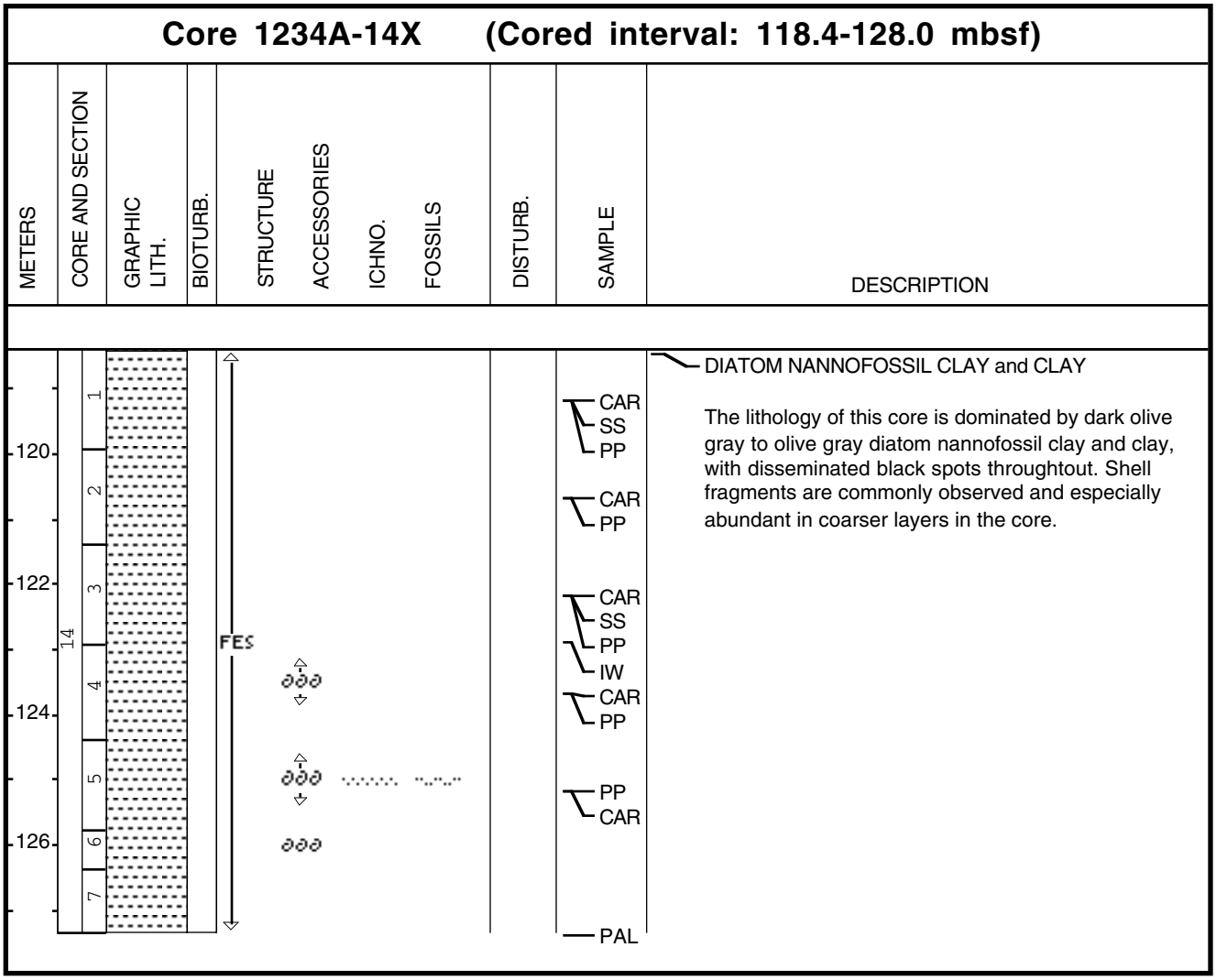
Core Photo


Core 1234A-12X Cored 100.3-108.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
102
104
106
108
12
1
2
3
4
5
6
7
8
FES
FES
SS
CAR
PP
SS
CAR
PP
CAR
PP
IW
SS
CAR
PP
PP
CAR
PP
CAR
PAL
NANNOFOSSIL SILTY CLAY and CLAY
The dominant lithology of this core is gray to dark olive gray nannofossil silty clay, with interbedded thin silt-rich layers. Normally the silt-rich layers are very thin (<1cm) but a major one (~4cm) was found on the top of Section 5. We observed gradational color change graded from gray to dark olive gray which sometimes shows sharp boundary. An example shown in this core is in Section 1. The core is abundant in shell fragments and dark spots. One dark silt-rich patch in Section 7 may indicate coring disturbance.

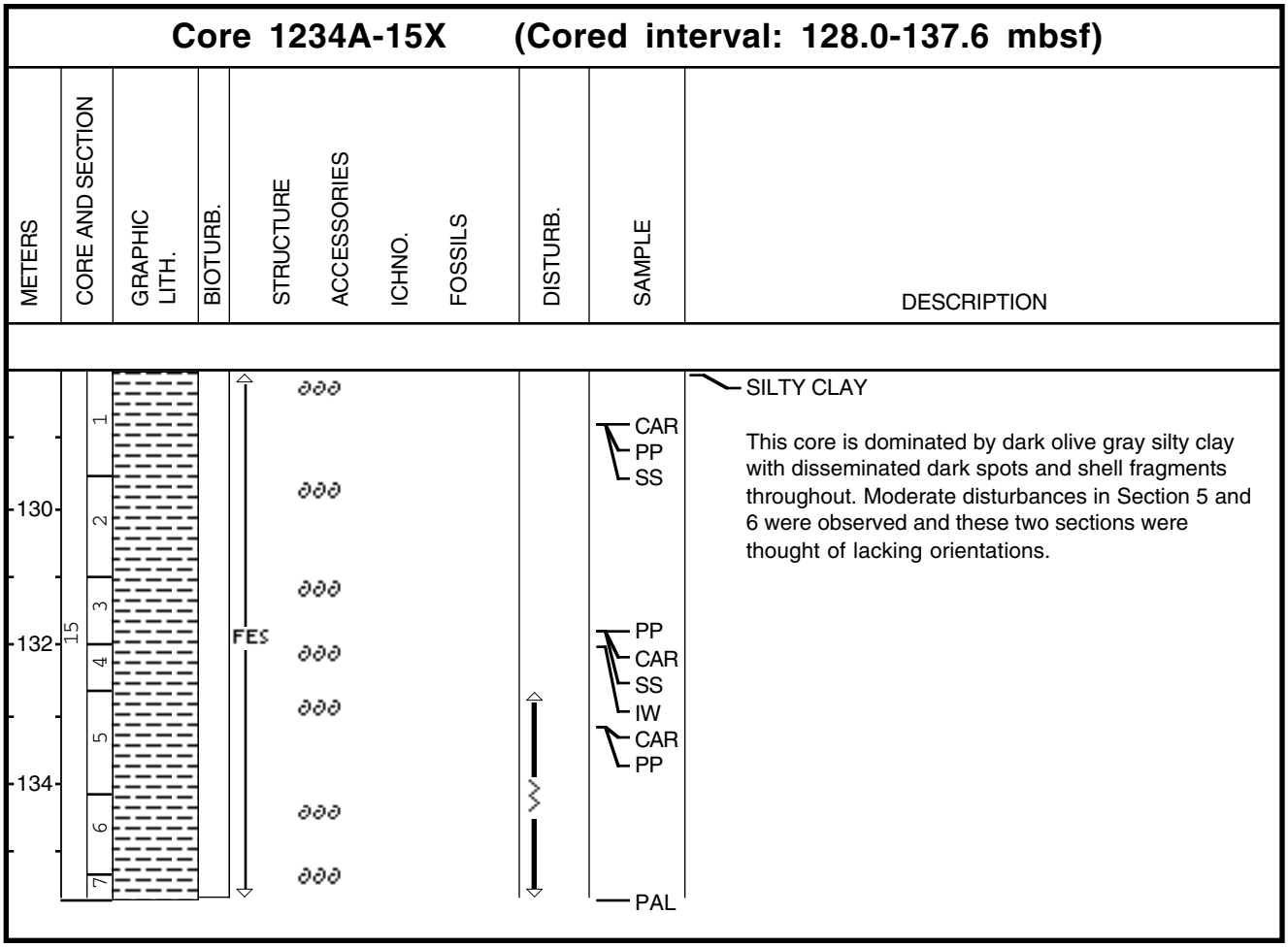
Core Photo


Core 1234A-13X Cored 108.8-118.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
110
112
114
116
13
1
2
3
4
5
6
FES
SS
PP
CAR
CAR
PP
PP
SS
CAR
IW
CAR
PP
PP
CAR
PAL
NANNOFOSSIL CLAY and CLAY
The dominat lithology of this core is dark to light olive gray nannofossil clay and clay, with scattered black spots throughout. Shell fragments are observed and especially abundant in coarser layers. Very thin (<1cm) silt-rich layers occassionaly occur and one soupy layer is located in Section 4.

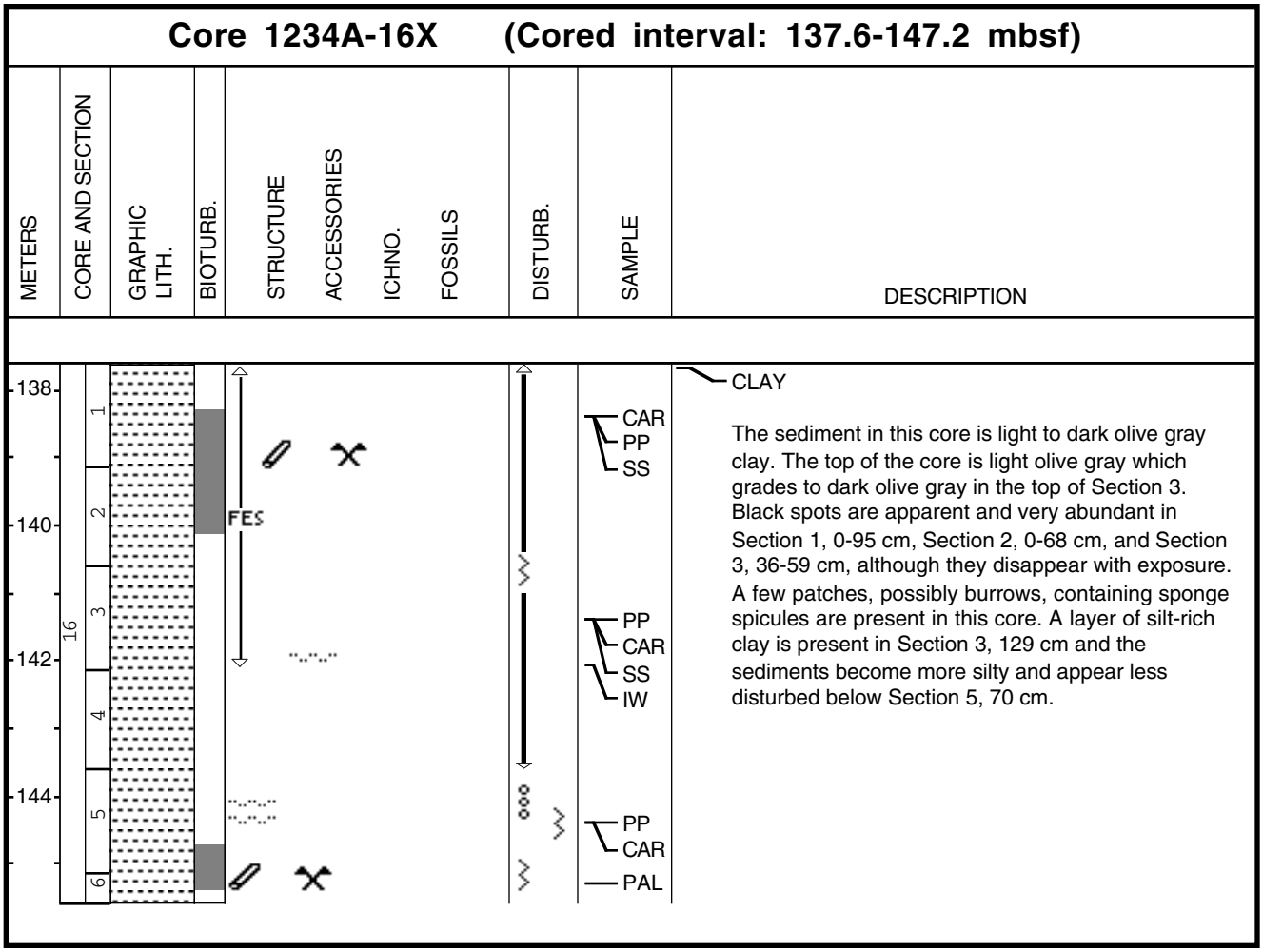
Core Photo


Core 1234A-14X (Cored interval: 118.4-128.0 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
120
122
124
126
14
1
2
3
4
5
6
7
FES
CAR
SS
PP
CAR
PP
CAR
SS
PP
IW
CAR
PP
PP
CAR
PAL
DIATOM NANNOFOSSIL CLAY and CLAY
The lithology of this core is dominated by dark olive gray to olive gray diatom nannofossil clay and clay, with disseminated black spots throughtout. Shell fragments are commonly observed and especially abundant in coarser layers in the core.

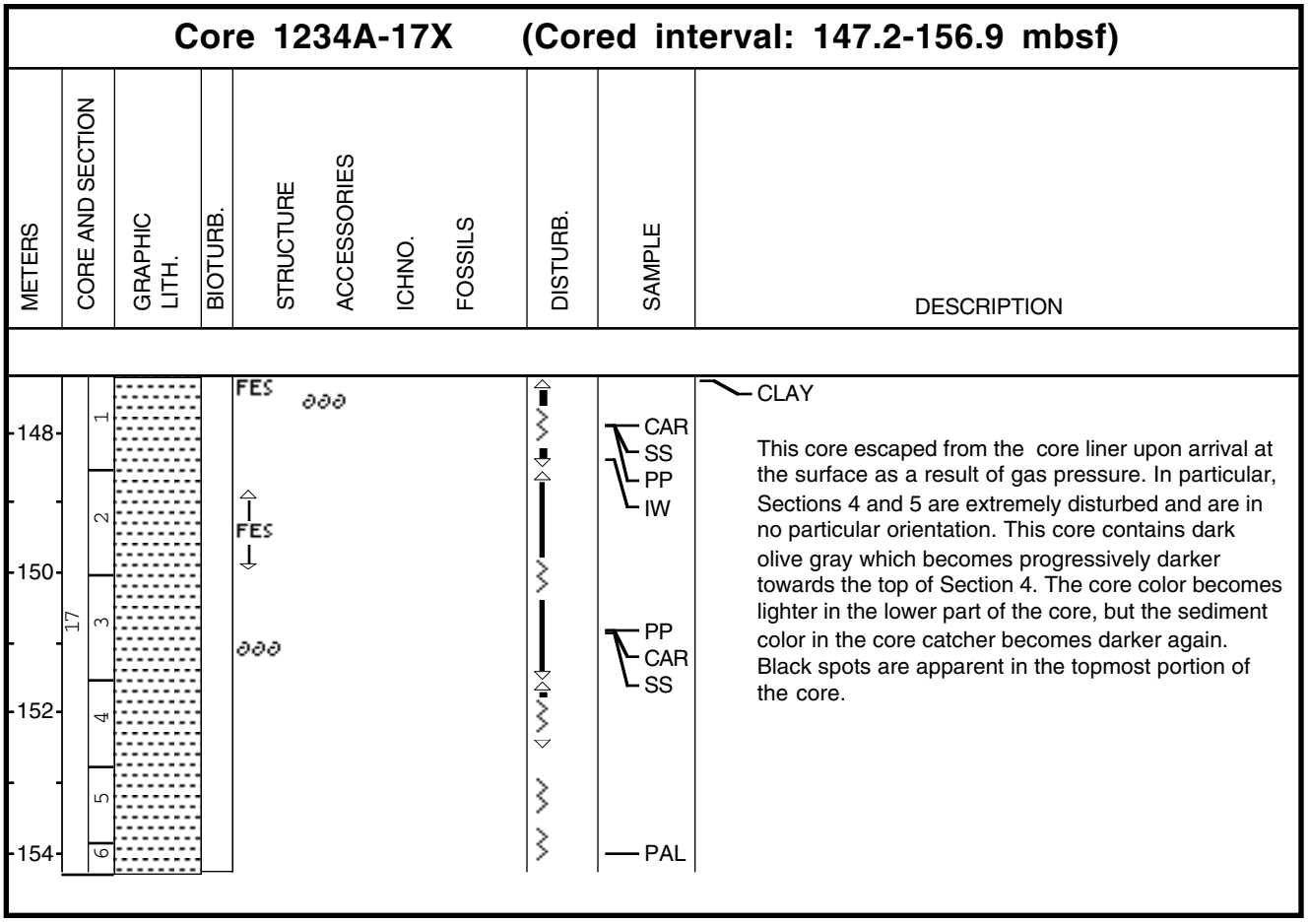
Core Photo


Core 1234A-15X (Cored interval: 128.0-137.6 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
130
132
134
15
1
2
3
4
5
6
7
FES
CAR
PP
SS
PP
CAR
SS
IW
CAR
PP
PAL
SILTY CLAY
This core is dominated by dark olive gray silty clay with disseminated dark spots and shell fragments throughout. Moderate disturbances in Section 5 and 6 were observed and these two sections were thought of lacking orientations.

Core Photo

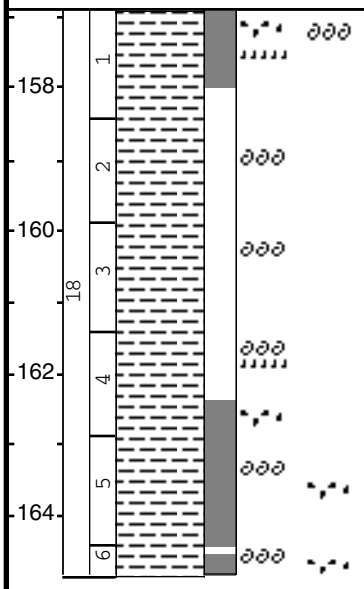

Core 1234A-16X (Cored interval: 137.6-147.2 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
138
140
142
144
16
1
2
3
4
5
6
FES
CAR
PP
SS
PP
CAR
SS
IW
PP
CAR
PAL
CLAY
The sediment in this core is light to dark olive gray clay. The top of the core is light olive gray which grades to dark olive gray in the top of Section 3. Black spots are apparent and very abundant in Section 1, 0-95 cm, Section 2, 0-68 cm, and Section 3, 36-59 cm, although they disappear with exposure. A few patches, possibly burrows, containing sponge spicules are present in this core. A layer of silt-rich clay is present in Section 3, 129 cm and the sediments become more silty and appear less disturbed below Section 5, 70 cm.

Core Photo


Core 1234A-17X (Cored interval: 147.2-156.9 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
148
150
152
154
17
1
2
3
4
5
6
FES
FES
CAR
SS
PP
IW
PP
CAR
SS
PAL
CLAY
This core escaped from the core liner upon arrival at the surface as a result of gas pressure. In particular, Sections 4 and 5 are extremely disturbed and are in no particular orientation. This core contains dark olive gray which becomes progressively darker towards the top of Section 4. The core color becomes lighter in the lower part of the core, but the sediment color in the core catcher becomes darker again. Black spots are apparent in the topmost portion of the core.

Core Photo

Core 1234A-18X (Cored interval: 156.9-166.5 mbsf)

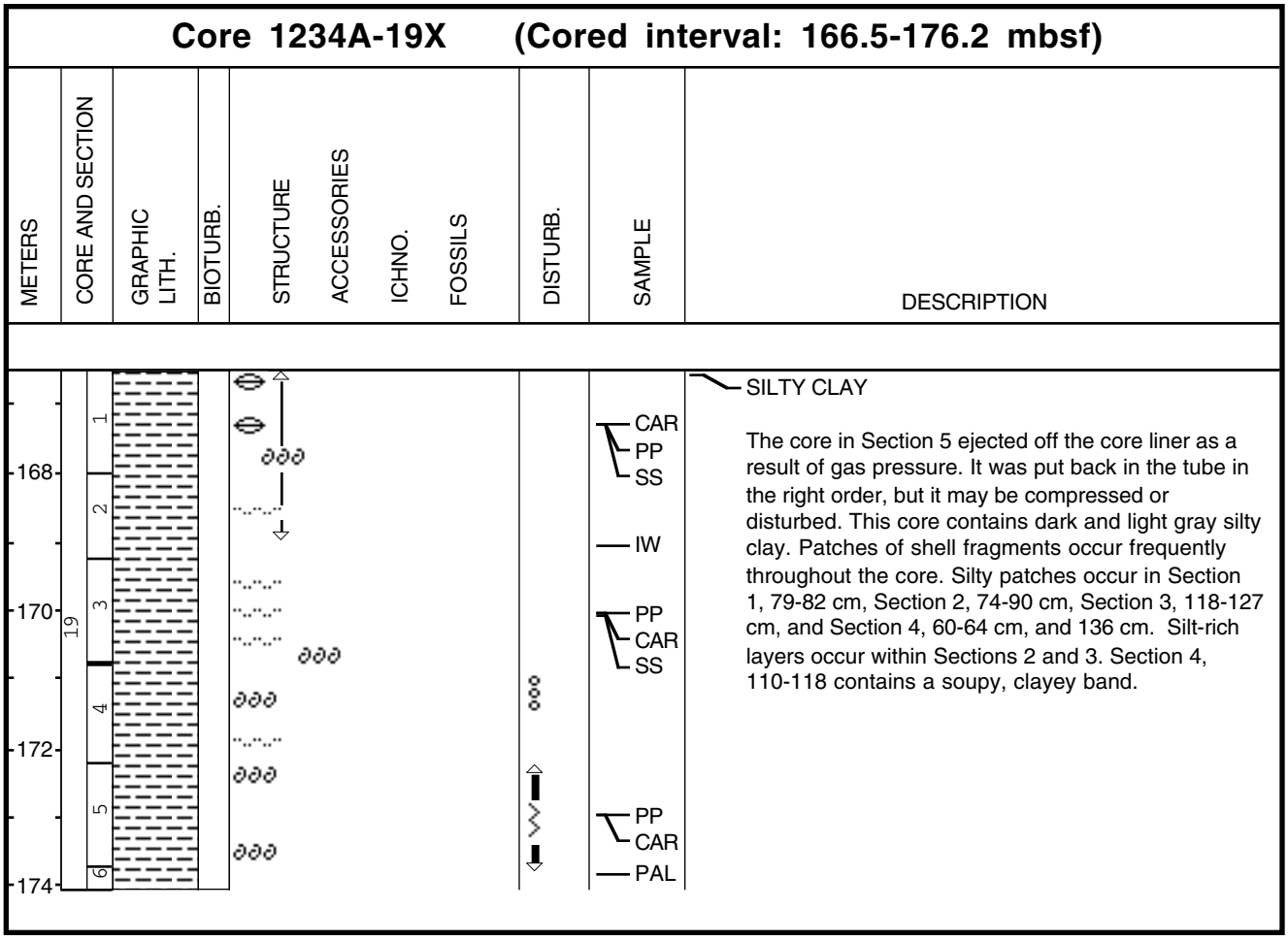


DESCRIPTION

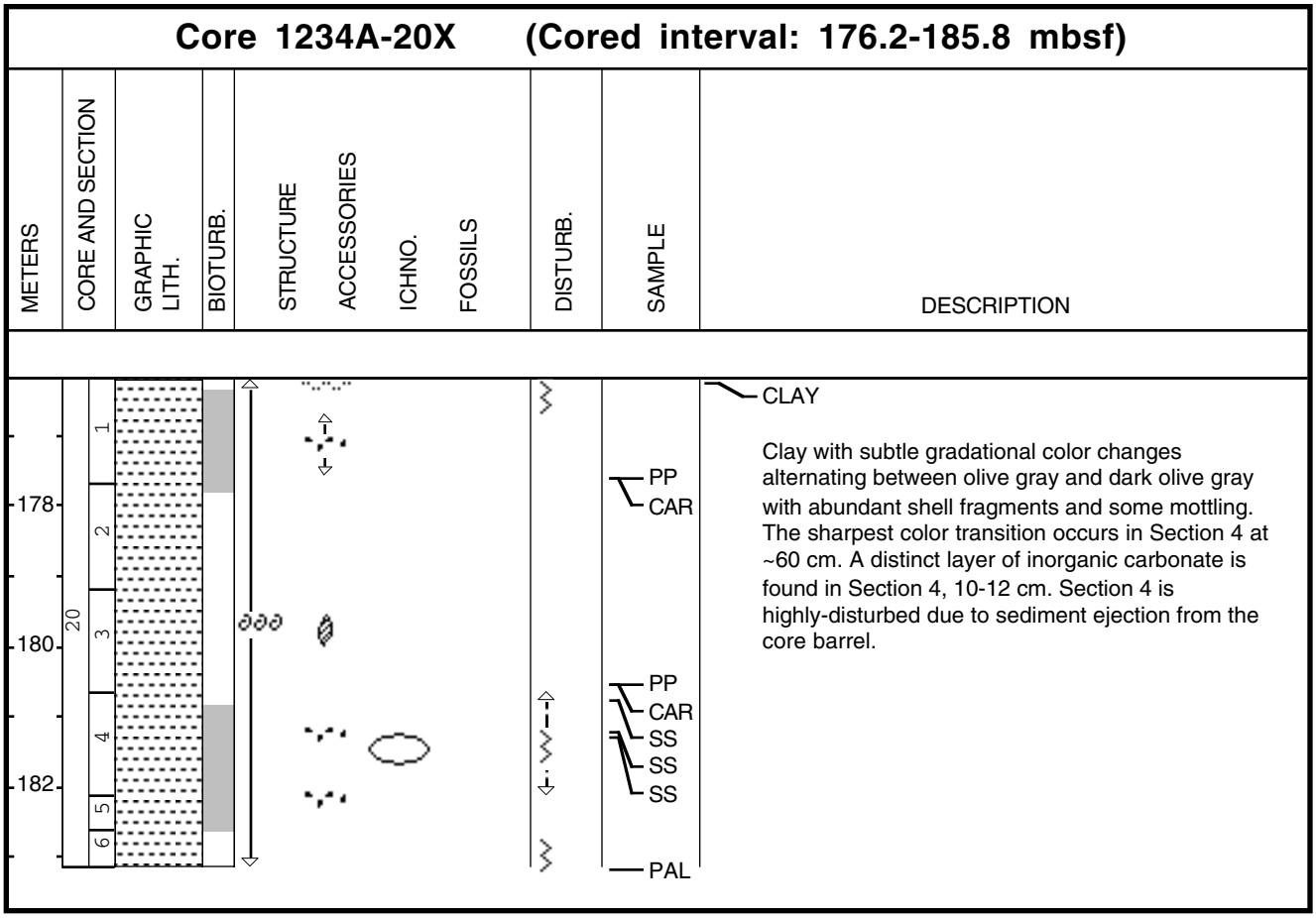
SILTY CLAY

The lithology of this core is dominated by dark olive gray silty clay. The sediments are firm and are abundant in shell fragments. Several dark green spots or layers were observed in Sections 1 and 4 and these intervals contain more glauconite and chlorite. The bottom section of this core is slightly-disturbed or mottled.

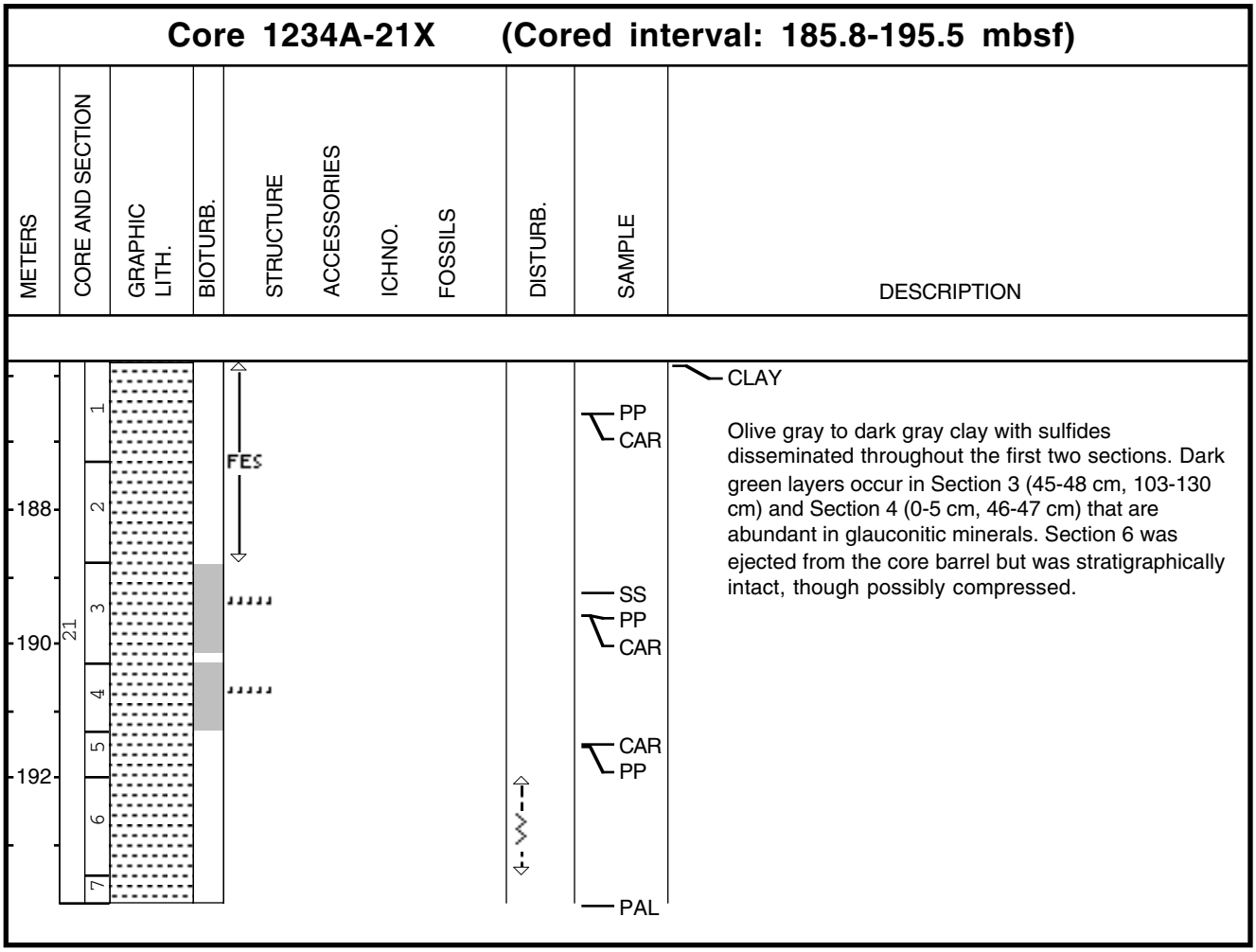
Core Photo


Core 1234A-19X (Cored interval: 166.5-176.2 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
168
170
172
174
19
1
2
3
4
5
6
CAR
PP
SS
IW
PP
CAR
SS
PP
CAR
PAL
SILTY CLAY
The core in Section 5 ejected off the core liner as a result of gas pressure. It was put back in the tube in the right order, but it may be compressed or disturbed. This core contains dark and light gray silty clay. Patches of shell fragments occur frequently throughout the core. Silty patches occur in Section 1, 79-82 cm, Section 2, 74-90 cm, Section 3, 118-127 cm, and Section 4, 60-64 cm, and 136 cm. Silt-rich layers occur within Sections 2 and 3. Section 4, 110-118 contains a soupy, clayey band.

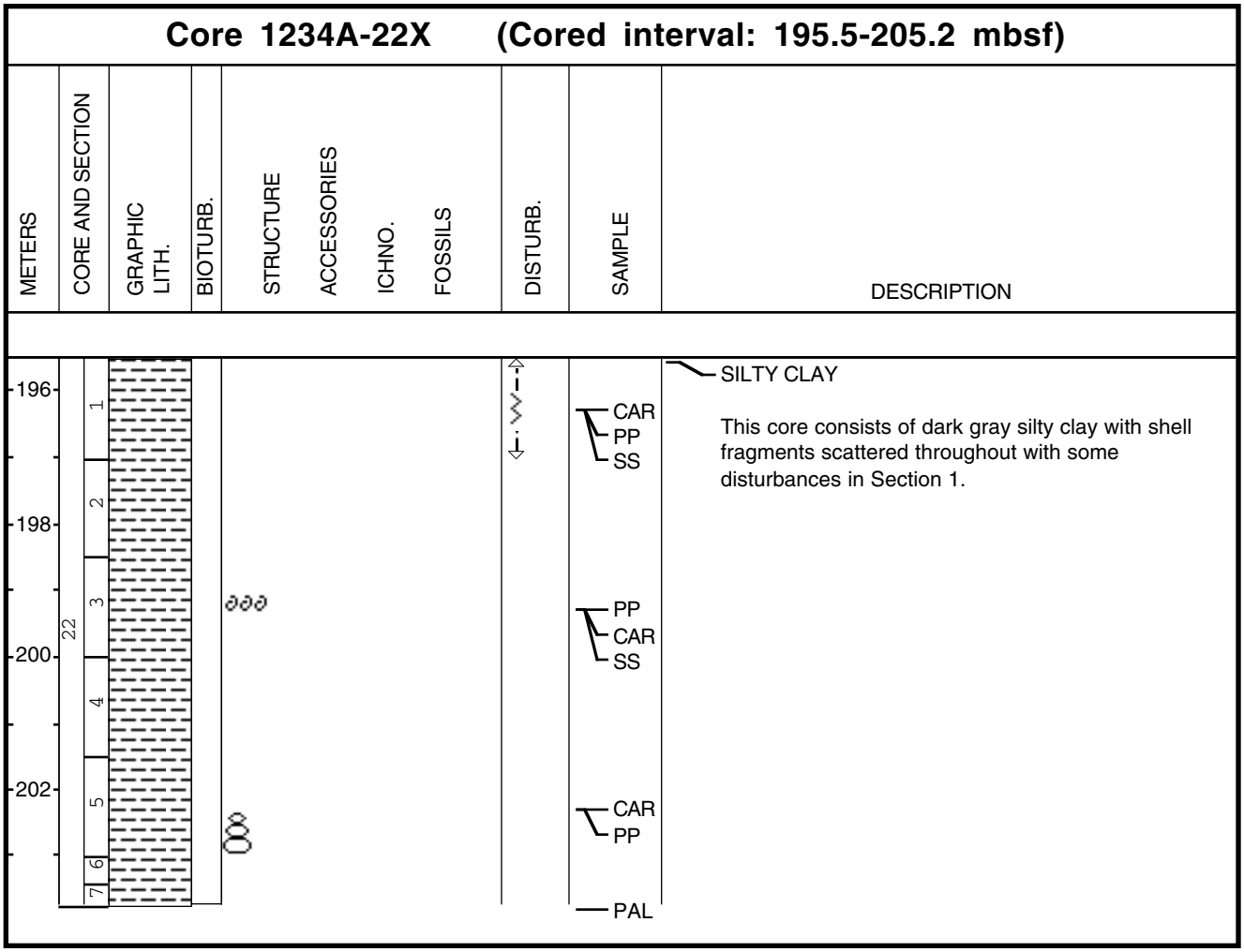
Core Photo


Core 1234A-20X (Cored interval: 176.2-185.8 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
178
180
182
20
1
2
3
4
5
6
PP
CAR
PP
CAR
SS
SS
SS
PAL
CLAY
Clay with subtle gradational color changes alternating between olive gray and dark olive gray with abundant shell fragments and some mottling. The sharpest color transition occurs in Section 4 at ~60 cm. A distinct layer of inorganic carbonate is found in Section 4, 10-12 cm. Section 4 is highly-disturbed due to sediment ejection from the core barrel.

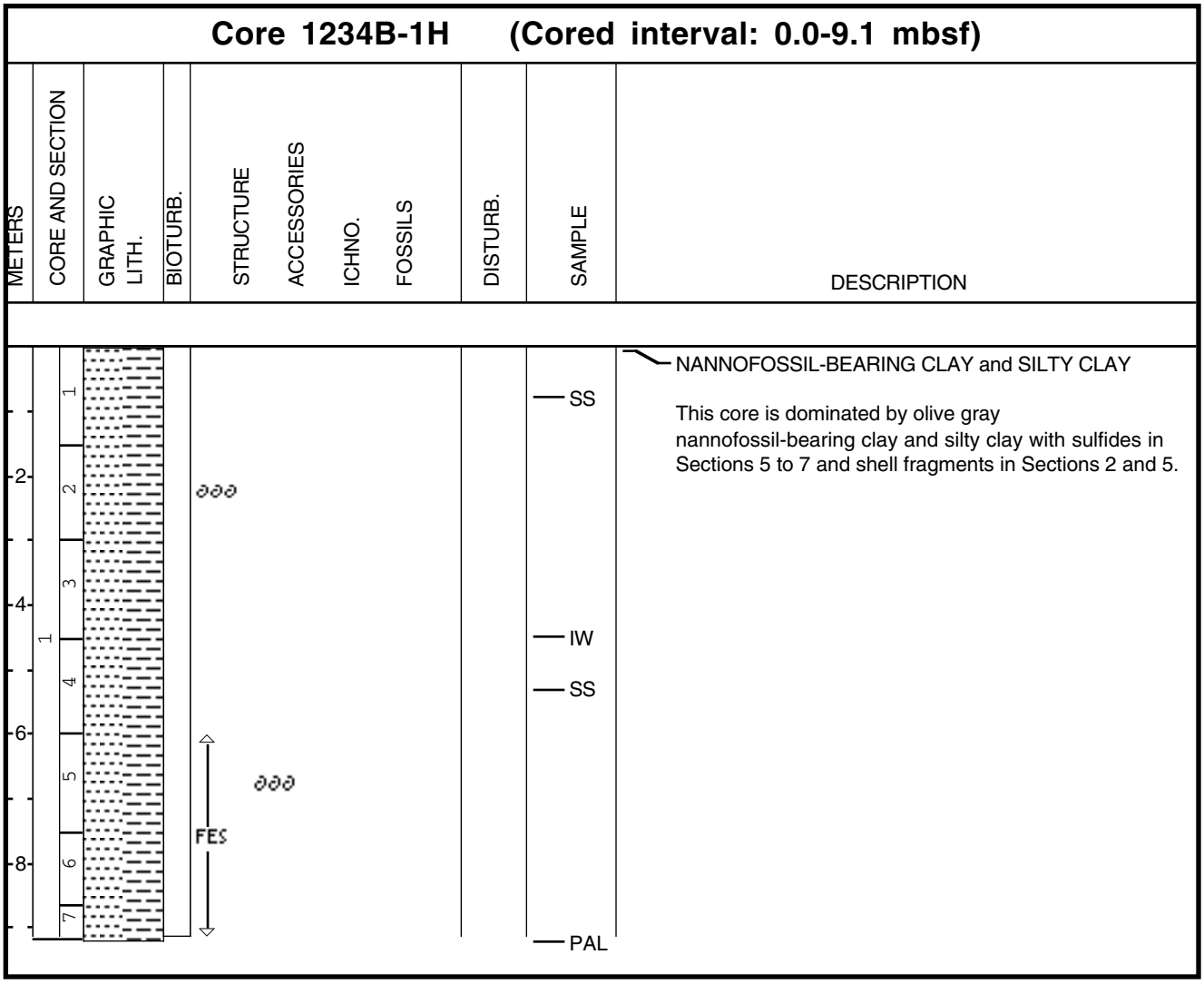
Core Photo


Core 1234A-21X (Cored interval: 185.8-195.5 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
188
190
192
21
1
2
3
4
5
6
7
FES
PP
CAR
SS
PP
CAR
CAR
PP
PAL
CLAY
Olive gray to dark gray clay with sulfides disseminated throughout the first two sections. Dark green layers occur in Section 3 (45-48 cm, 103-130 cm) and Section 4 (0-5 cm, 46-47 cm) that are abundant in glauconitic minerals. Section 6 was ejected from the core barrel but was stratigraphically intact, though possibly compressed.

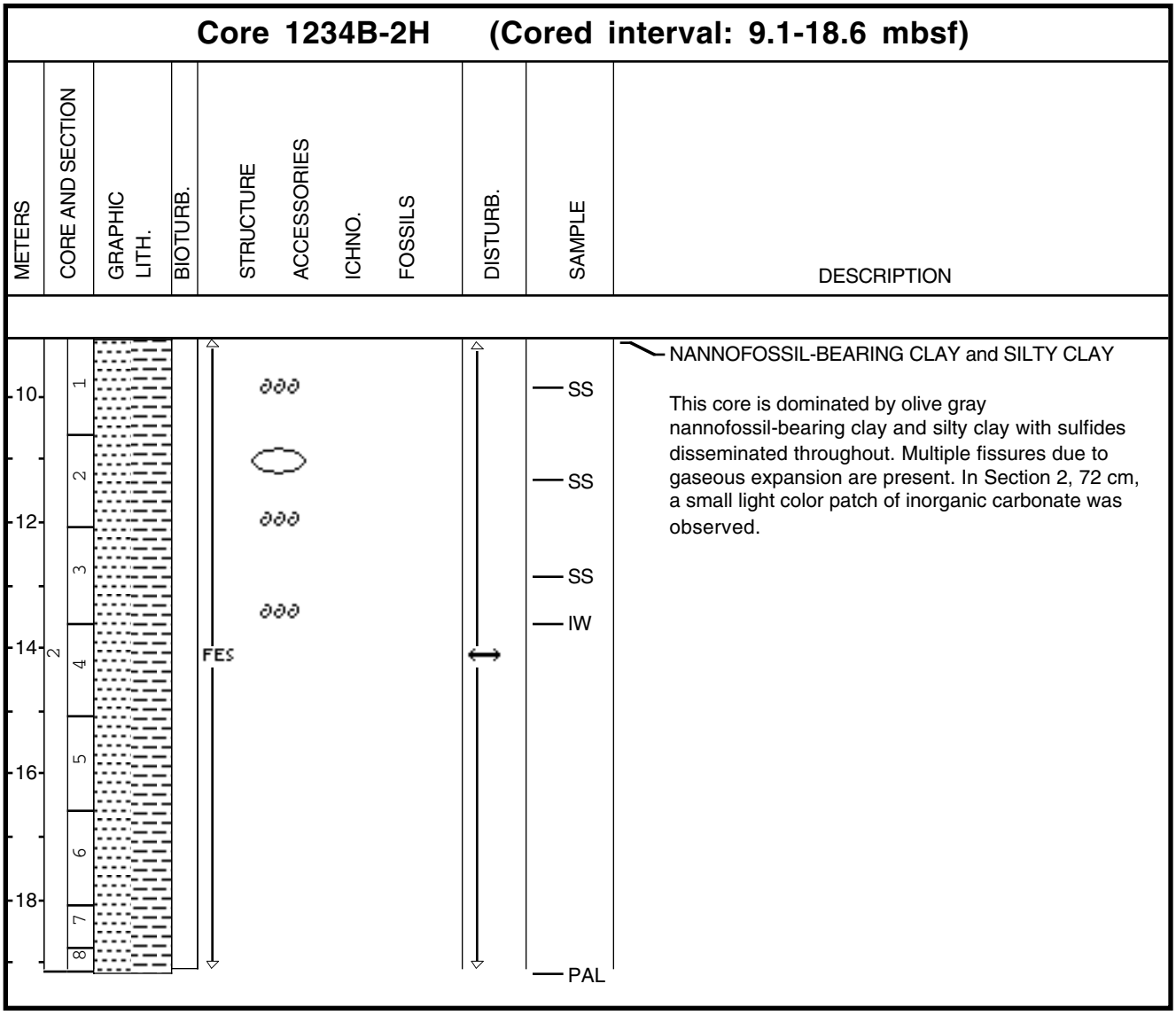
Core Photo


Core 1234A-22X (Cored interval: 195.5-205.2 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
196
198
200
202
22
1
2
3
4
5
6
7
CAR
PP
SS
PP
CAR
SS
CAR
PP
PAL
SILTY CLAY
This core consists of dark gray silty clay with shell fragments scattered throughout with some disturbances in Section 1.

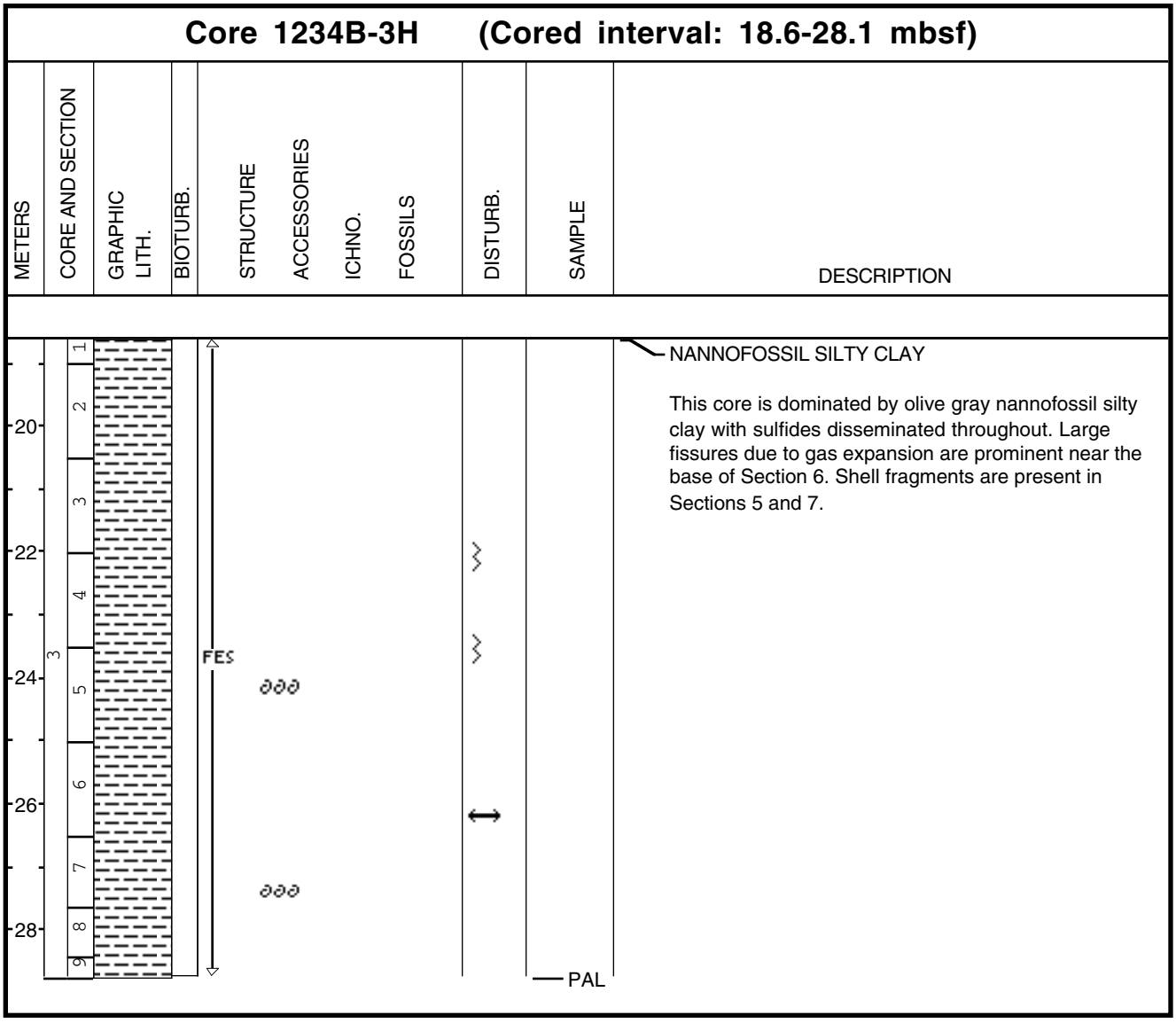
Core Photo


Core 1234B-1H (Cored interval: 0.0-9.1 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
NANNOFOSSIL-BEARING CLAY and SILTY CLAY
This core is dominated by olive gray nannofossil-bearing clay and silty clay with sulfides in Sections 5 to 7 and shell fragments in Sections 2 and 5.
SS
IW
SS
PAL
FES
2
4
6
8
1
2
3
4
5
6
7

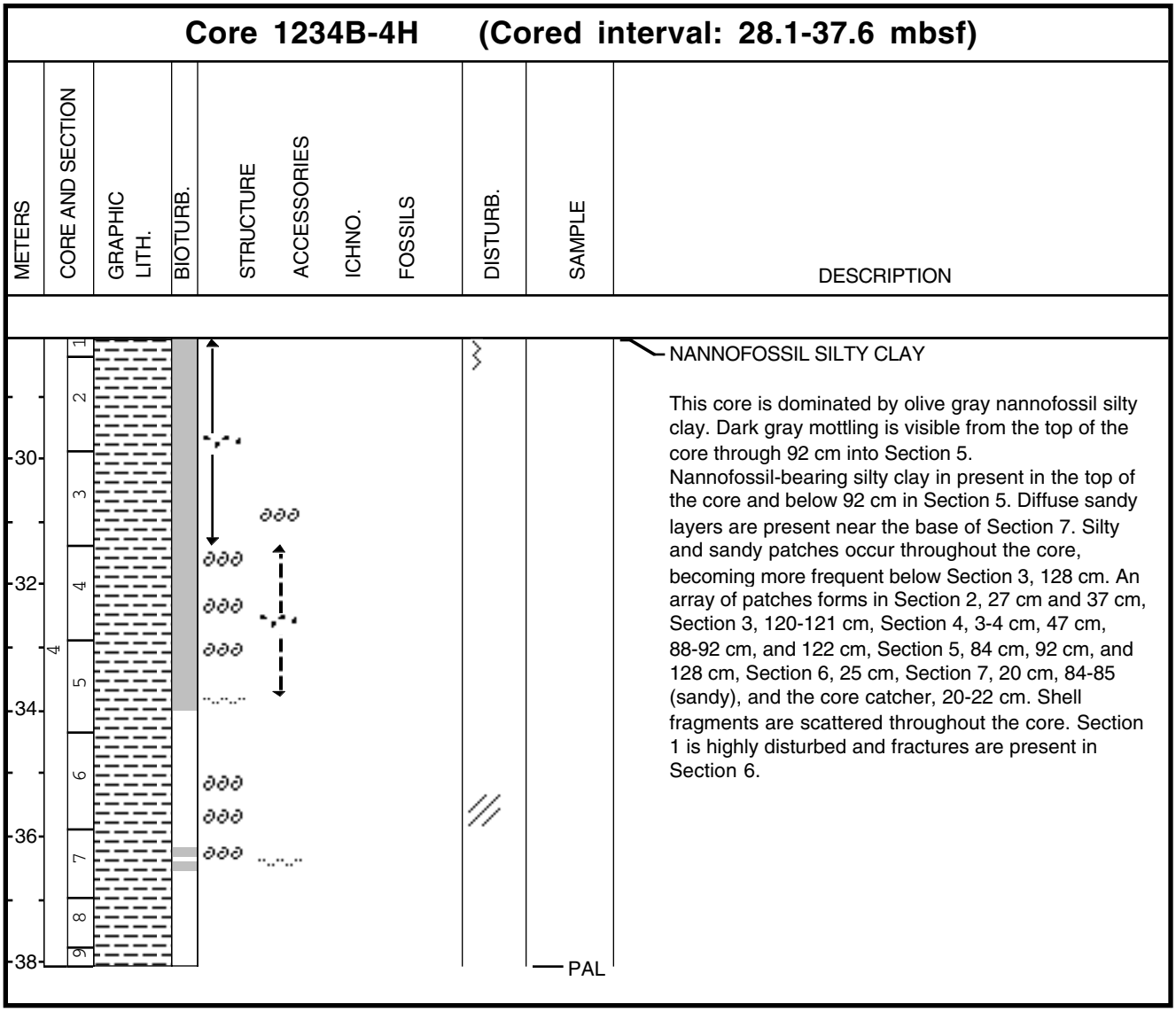
Core Photo


Core 1234B-2H (Cored interval: 9.1-18.6 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
10
12
14
16
18
1
2
3
4
5
6
7
8
2
FES
SS
SS
SS
IW
PAL
NANNOFOSSIL-BEARING CLAY and SILTY CLAY
This core is dominated by olive gray nannofossil-bearing clay and silty clay with sulfides disseminated throughout. Multiple fissures due to gaseous expansion are present. In Section 2, 72 cm, a small light color patch of inorganic carbonate was observed.

Core Photo

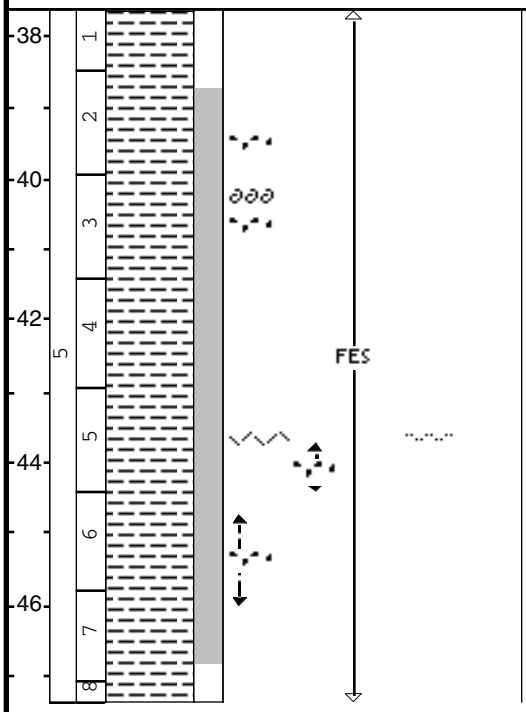

Core 1234B-3H (Cored interval: 18.6-28.1 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
20
22
24
26
28
3
1
2
3
4
5
6
7
8
9
FES
PAL
NANNOFOSSIL SILTY CLAY
This core is dominated by olive gray nannofossil silty clay with sulfides disseminated throughout. Large fissures due to gas expansion are prominent near the base of Section 6. Shell fragments are present in Sections 5 and 7.

Core Photo


Core 1234B-4H (Cored interval: 28.1-37.6 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
30
32
34
36
38
4
1
2
3
4
5
6
7
8
9
PAL
NANNOFOSSIL SILTY CLAY
This core is dominated by olive gray nannofossil silty clay. Dark gray mottling is visible from the top of the core through 92 cm into Section 5. Nannofossil-bearing silty clay in present in the top of the core and below 92 cm in Section 5. Diffuse sandy layers are present near the base of Section 7. Silty and sandy patches occur throughout the core, becoming more frequent below Section 3, 128 cm. An array of patches forms in Section 2, 27 cm and 37 cm, Section 3, 120-121 cm, Section 4, 3-4 cm, 47 cm, 88-92 cm, and 122 cm, Section 5, 84 cm, 92 cm, and 128 cm, Section 6, 25 cm, Section 7, 20 cm, 84-85 (sandy), and the core catcher, 20-22 cm. Shell fragments are scattered throughout the core. Section 1 is highly disturbed and fractures are present in Section 6.

Core Photo

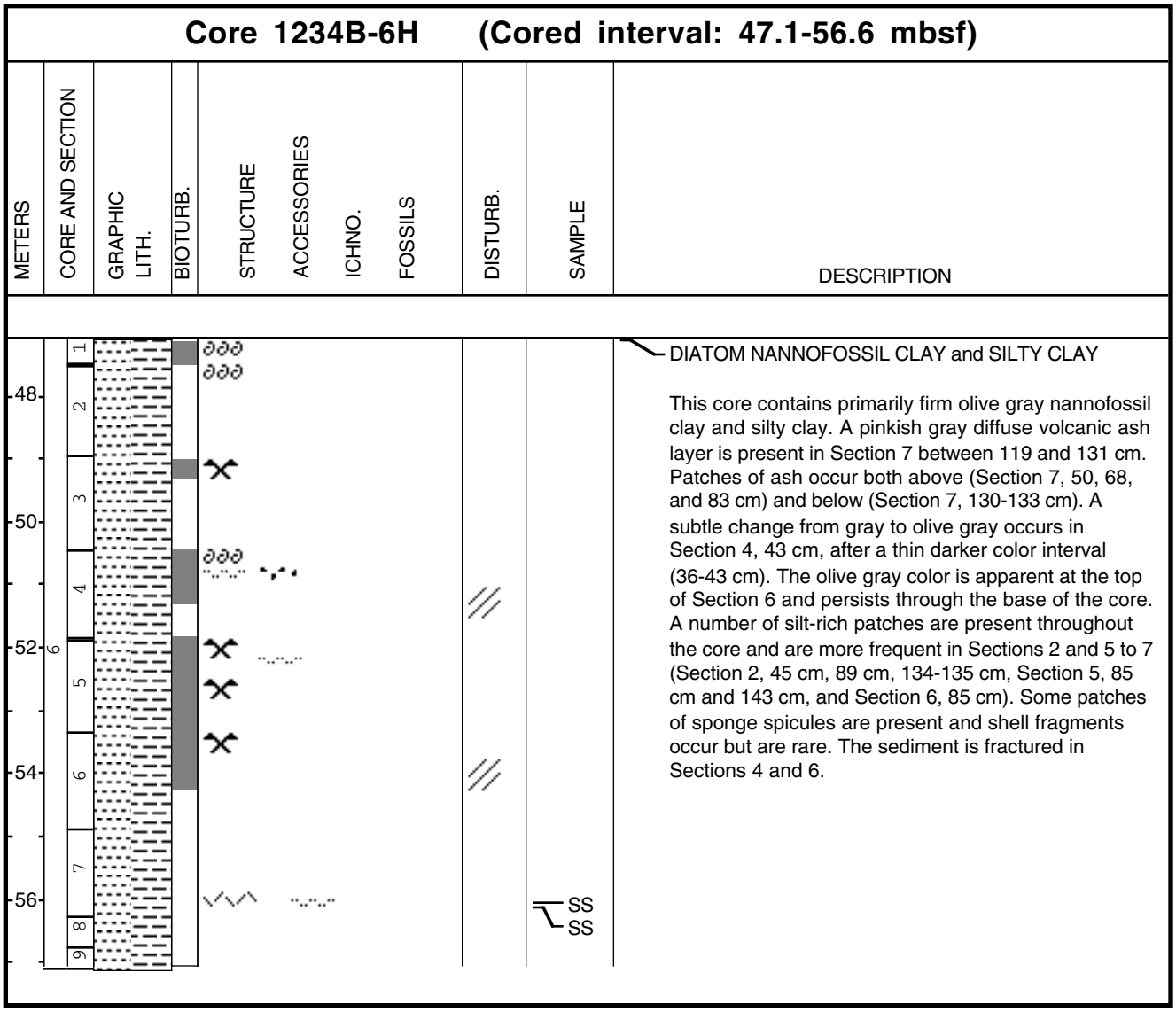
Core 1234B-5H (Cored interval: 37.6-47.1 mbsf)



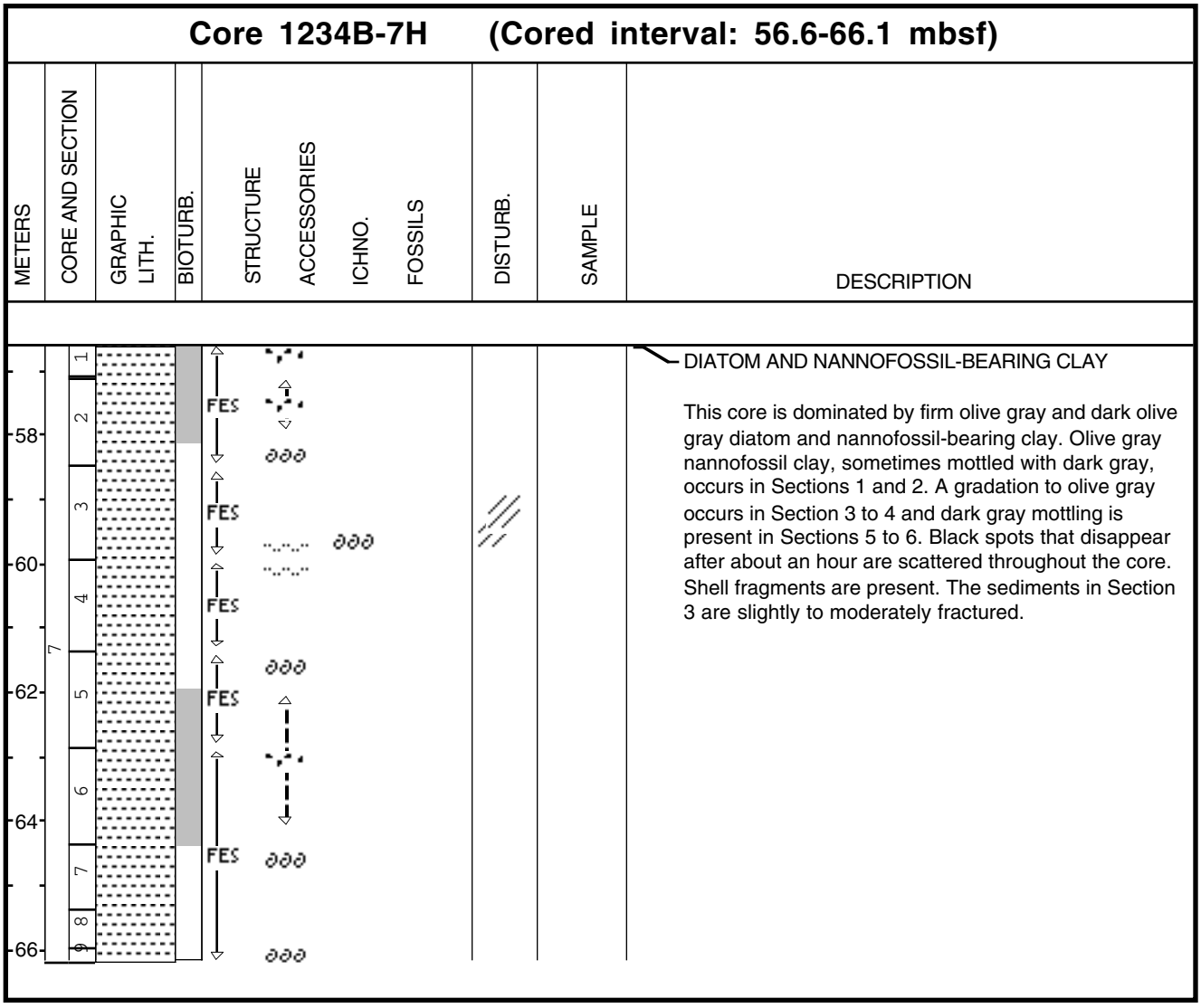
NANNOFOSSIL SILTY CLAY and
NANNOFOSSIL-BEARING SILTY CLAY

This core is dominated by olive gray silty clay. Black spots are scattered throughout the core in intervals that alternate with olive brown mottles. The black spots disappear after about an hour. Silt-rich patches are present in Section 5, at 140 cm and 146 cm. A dark yellowish brown volcanic ash is present in Section 5 between 67-70 cm. Patches of shell fragments occur in Section 3.

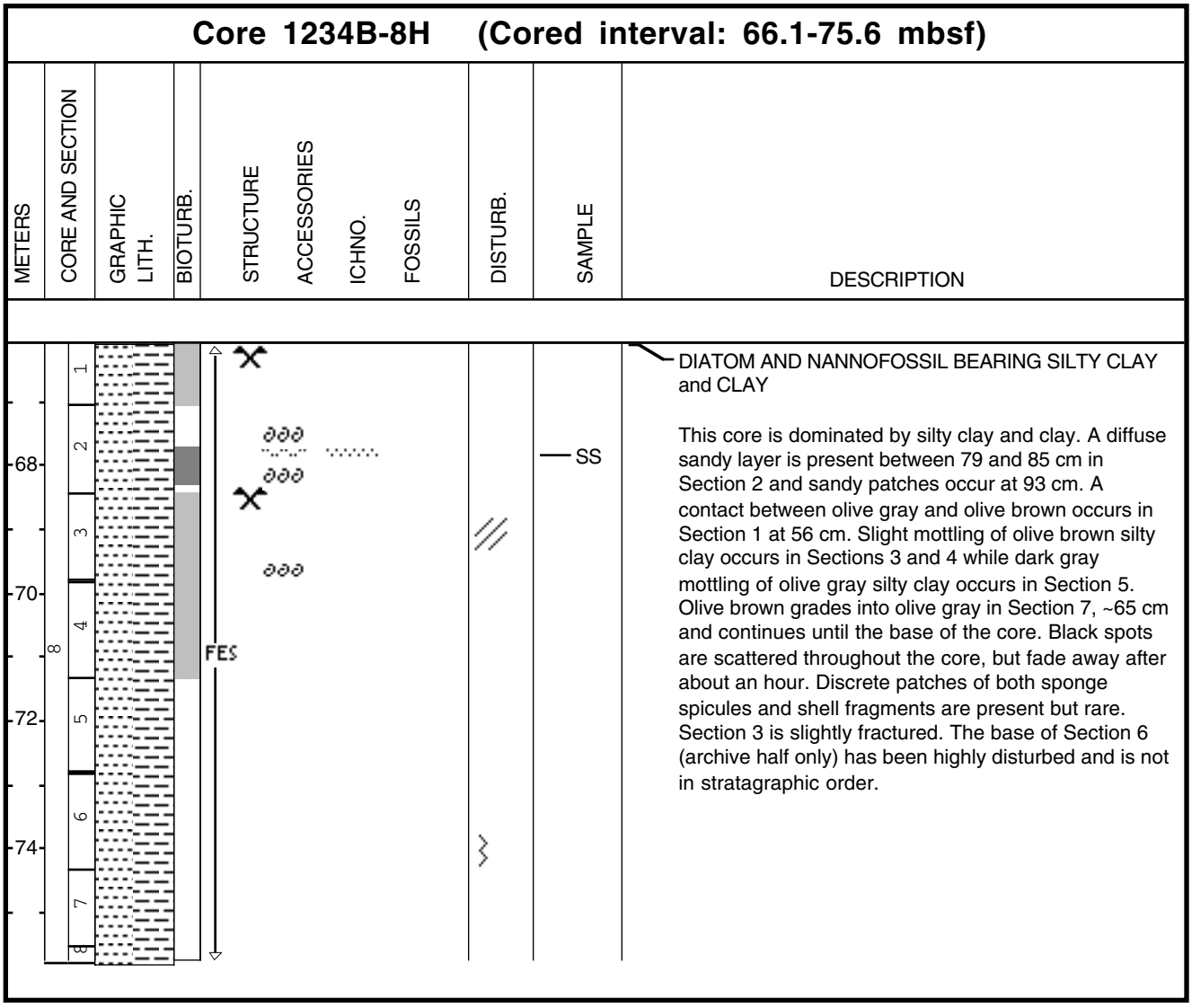
Core Photo


Core 1234B-6H (Cored interval: 47.1-56.6 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
48
50
52
54
56
6
1
2
3
4
5
6
7
8
9
SS
SS
DIATOM NANNOFOSSIL CLAY and SILTY CLAY
This core contains primarily firm olive gray nannofossil clay and silty clay. A pinkish gray diffuse volcanic ash layer is present in Section 7 between 119 and 131 cm. Patches of ash occur both above (Section 7, 50, 68, and 83 cm) and below (Section 7, 130-133 cm). A subtle change from gray to olive gray occurs in Section 4, 43 cm, after a thin darker color interval (36-43 cm). The olive gray color is apparent at the top of Section 6 and persists through the base of the core. A number of silt-rich patches are present throughout the core and are more frequent in Sections 2 and 5 to 7 (Section 2, 45 cm, 89 cm, 134-135 cm, Section 5, 85 cm and 143 cm, and Section 6, 85 cm). Some patches of sponge spicules are present and shell fragments occur but are rare. The sediment is fractured in Sections 4 and 6.

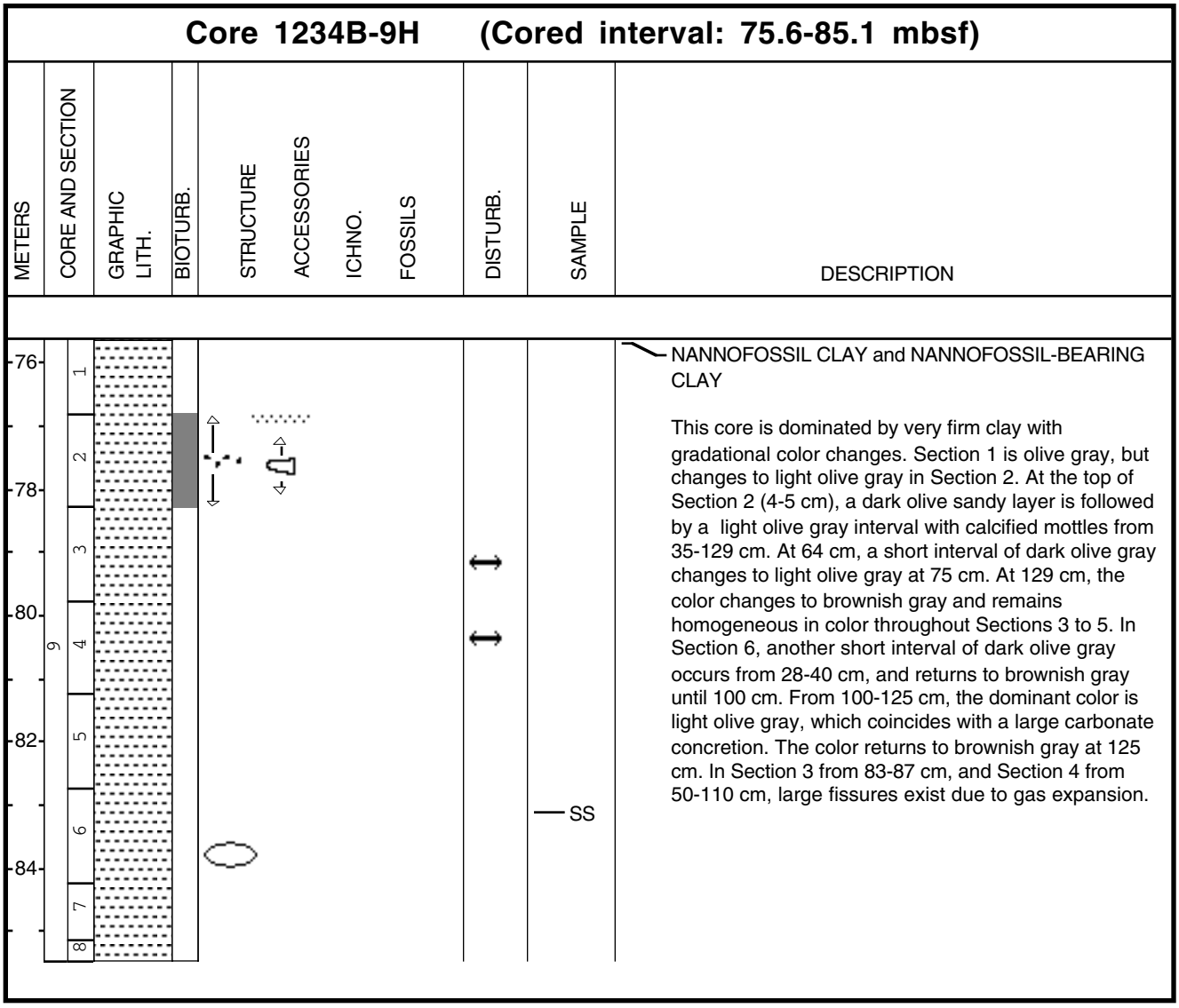
Core Photo


Core 1234B-7H (Cored interval: 56.6-66.1 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
58
60
62
64
66
7
1
2
3
4
5
6
7
8
9
FES
FES
FES
FES
FES
DIATOM AND NANNOFOSSIL-BEARING CLAY
This core is dominated by firm olive gray and dark olive gray diatom and nannofossil-bearing clay. Olive gray nannofossil clay, sometimes mottled with dark gray, occurs in Sections 1 and 2. A gradation to olive gray occurs in Section 3 to 4 and dark gray mottling is present in Sections 5 to 6. Black spots that disappear after about an hour are scattered throughout the core. Shell fragments are present. The sediments in Section 3 are slightly to moderately fractured.

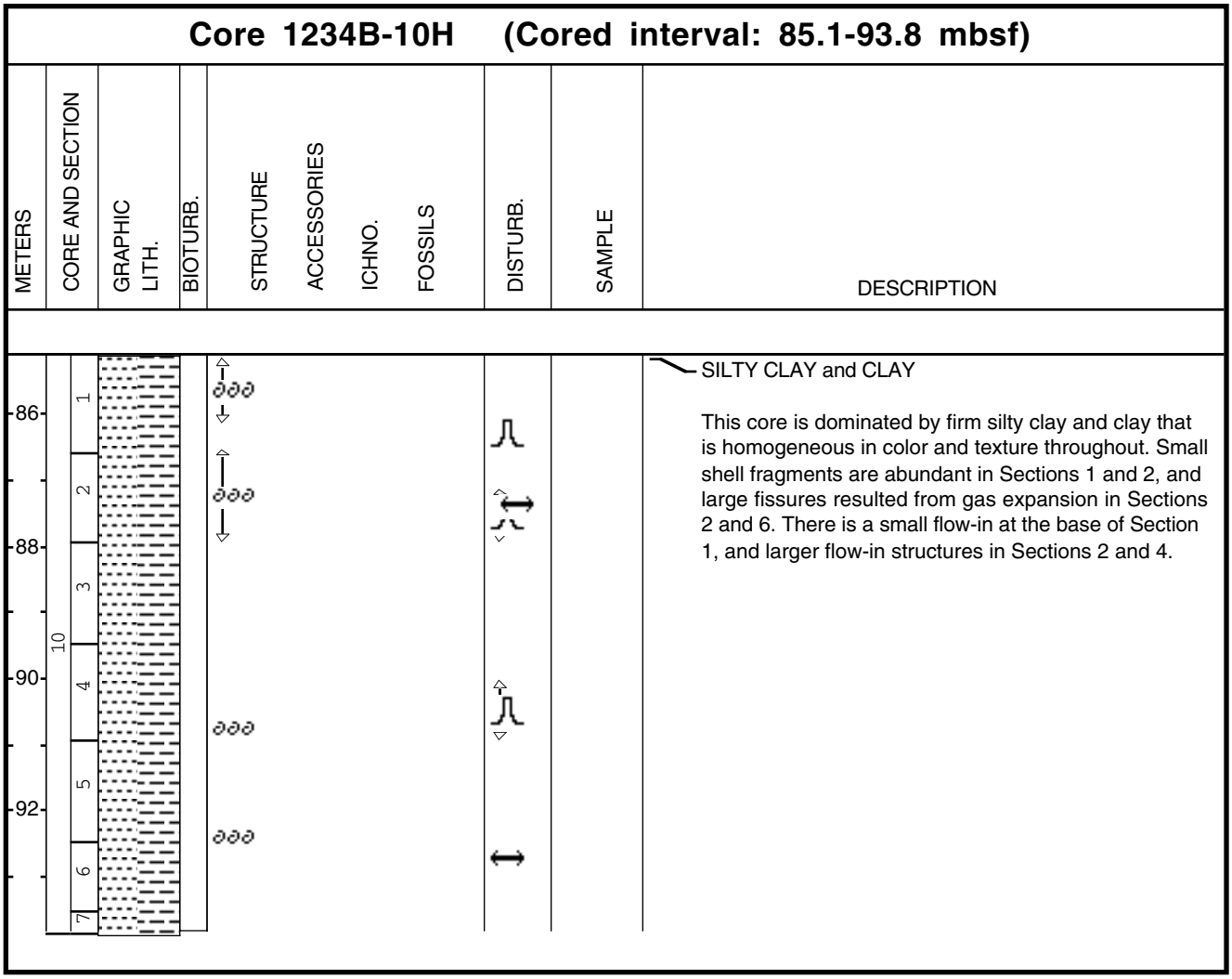
Core Photo


Core 1234B-8H (Cored interval: 66.1-75.6 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
68
70
72
74
8
1
2
3
4
5
6
7
FES
SS
DIATOM AND NANNOFOSSIL BEARING SILTY CLAY and CLAY
This core is dominated by silty clay and clay. A diffuse sandy layer is present between 79 and 85 cm in Section 2 and sandy patches occur at 93 cm. A contact between olive gray and olive brown occurs in Section 1 at 56 cm. Slight mottling of olive brown silty clay occurs in Sections 3 and 4 while dark gray mottling of olive gray silty clay occurs in Section 5. Olive brown grades into olive gray in Section 7, ~65 cm and continues until the base of the core. Black spots are scattered throughout the core, but fade away after about an hour. Discrete patches of both sponge spicules and shell fragments are present but rare. Section 3 is slightly fractured. The base of Section 6 (archive half only) has been highly disturbed and is not in stratagraphic order.

Core Photo

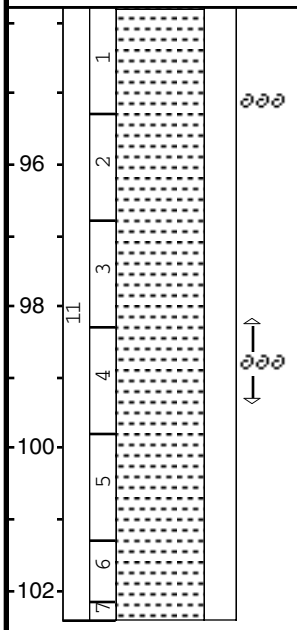

Core 1234B-9H (Cored interval: 75.6-85.1 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
76
78
80
82
84
9
1
2
3
4
5
6
7
8
SS
NANNOFOSSIL CLAY and NANNOFOSSIL-BEARING CLAY
This core is dominated by very firm clay with gradational color changes. Section 1 is olive gray, but changes to light olive gray in Section 2. At the top of Section 2 (4-5 cm), a dark olive sandy layer is followed by a light olive gray interval with calcified mottles from 35-129 cm. At 64 cm, a short interval of dark olive gray changes to light olive gray at 75 cm. At 129 cm, the color changes to brownish gray and remains homogeneous in color throughout Sections 3 to 5. In Section 6, another short interval of dark olive gray occurs from 28-40 cm, and returns to brownish gray until 100 cm. From 100-125 cm, the dominant color is light olive gray, which coincides with a large carbonate concretion. The color returns to brownish gray at 125 cm. In Section 3 from 83-87 cm, and Section 4 from 50-110 cm, large fissures exist due to gas expansion.

Core Photo


Core 1234B-10H (Cored interval: 85.1-93.8 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
86
88
90
92
10
1
2
3
4
5
6
7
SILTY CLAY and CLAY
This core is dominated by firm silty clay and clay that is homogeneous in color and texture throughout. Small shell fragments are abundant in Sections 1 and 2, and large fissures resulted from gas expansion in Sections 2 and 6. There is a small flow-in at the base of Section 1, and larger flow-in structures in Sections 2 and 4.

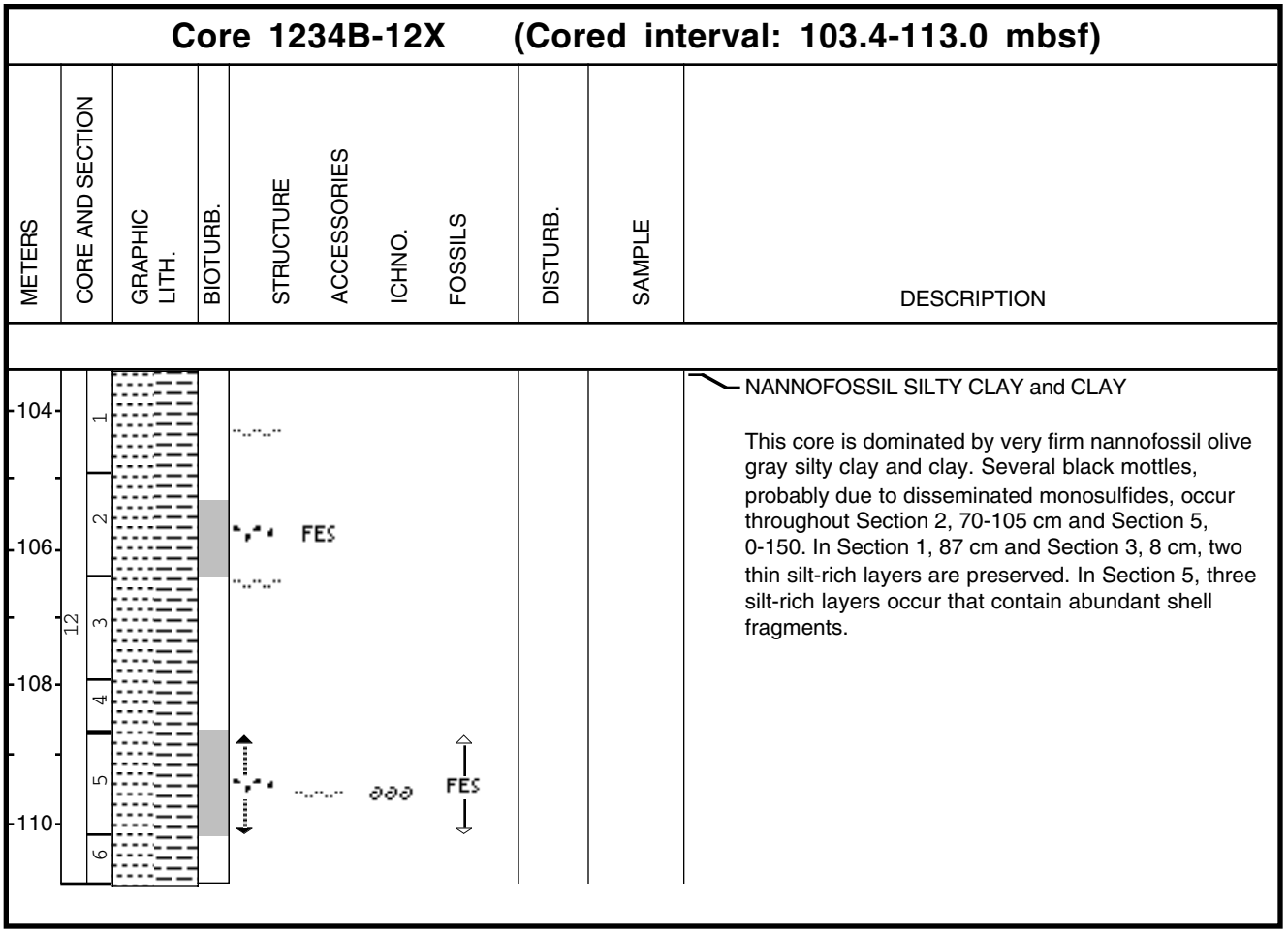
Core Photo

Core 1234B-11X (Cored interval: 93.8-103.4 mbsf)

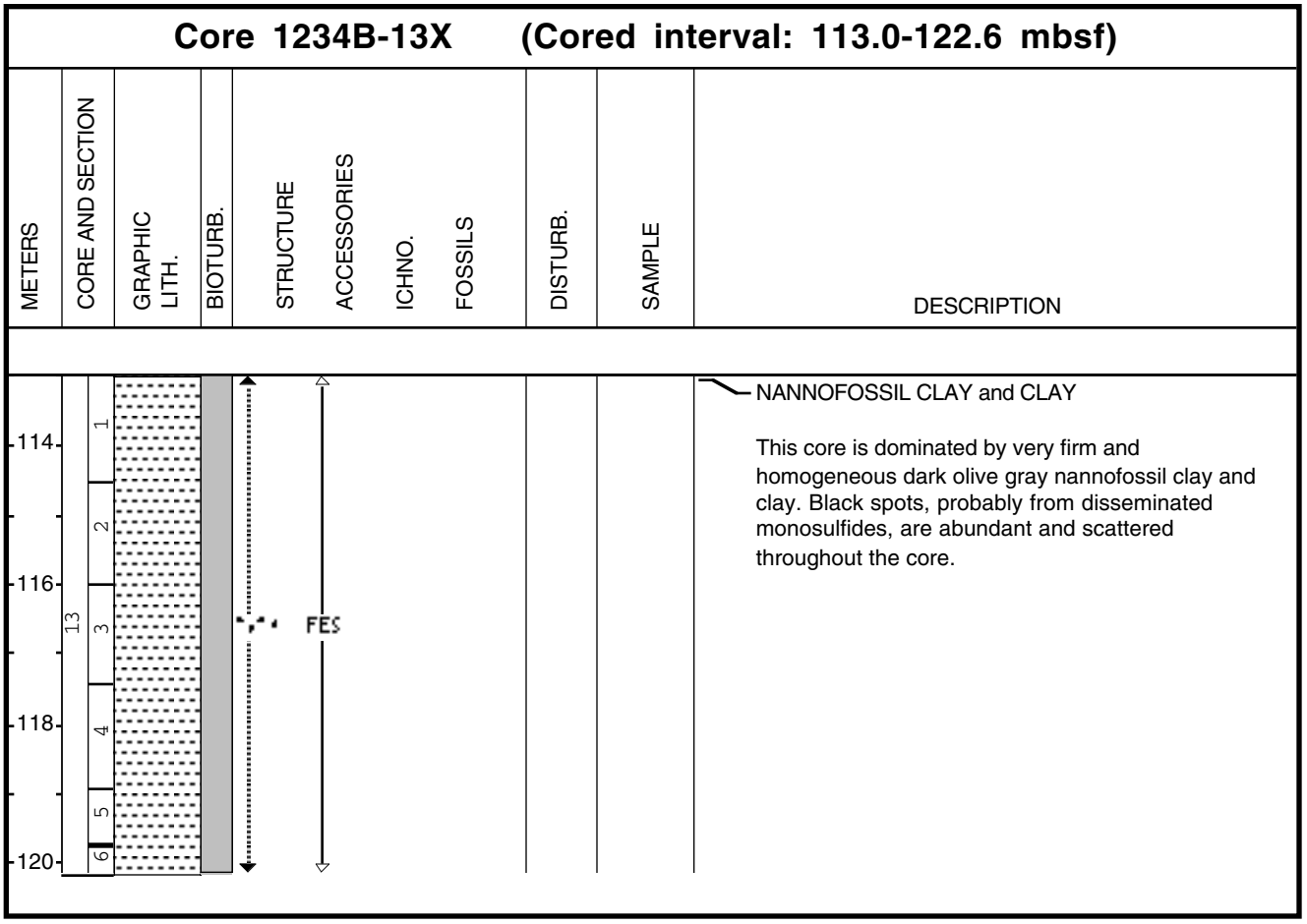


Core Photo

Core 1234B-12X (Cored interval: 103.4-113.0 mbsf)

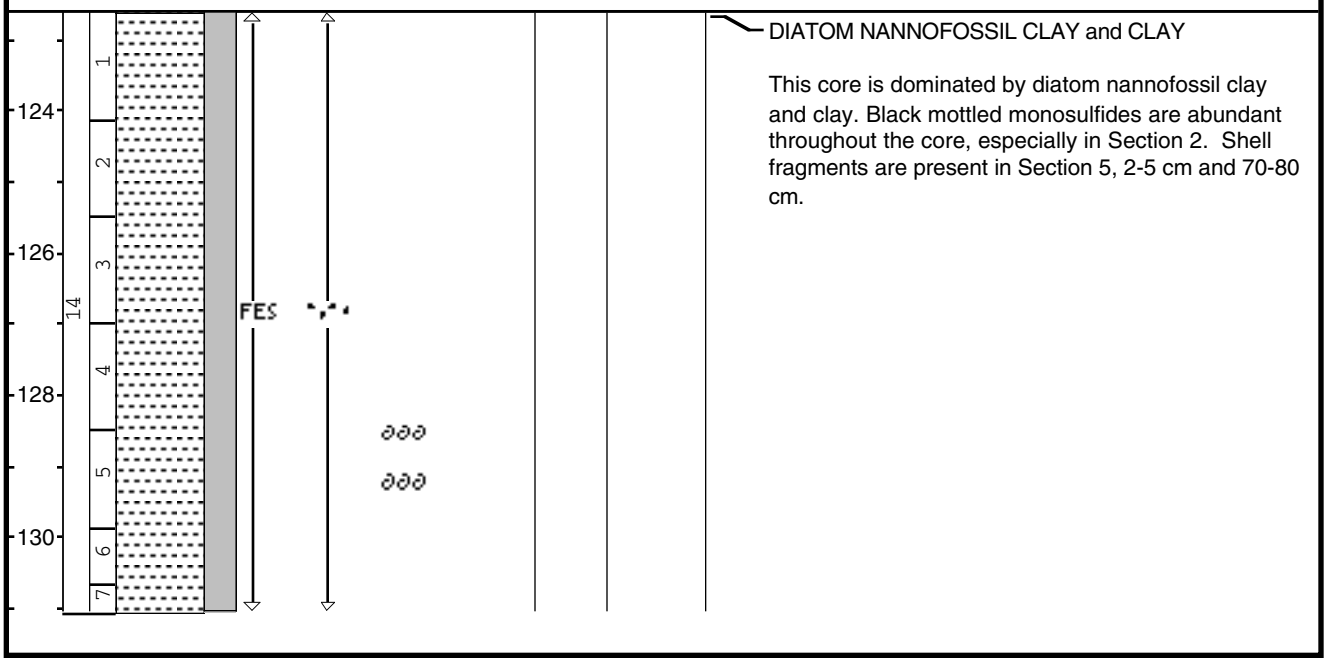


Core Photo


Core 1234B-13X (Cored interval: 113.0-122.6 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
114
116
118
120
13
1
2
3
4
5
6
FES
NANNOFOSSIL CLAY and CLAY
This core is dominated by very firm and homogeneous dark olive gray nannofossil clay and clay. Black spots, probably from disseminated monosulfides, are abundant and scattered throughout the core.

Core Photo

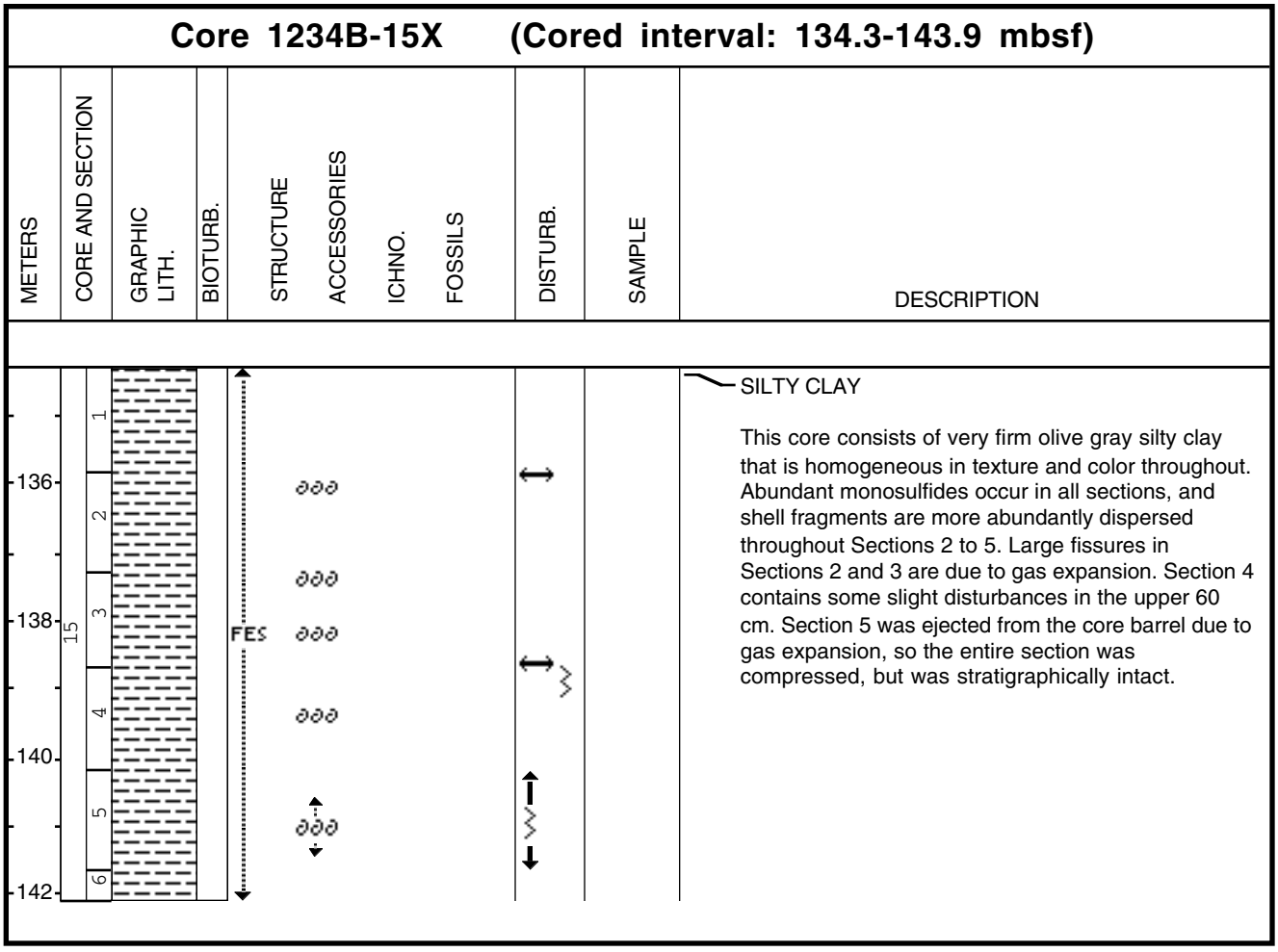
Core 1234B-14X (Cored interval: 122.6-132.3 mbsf)



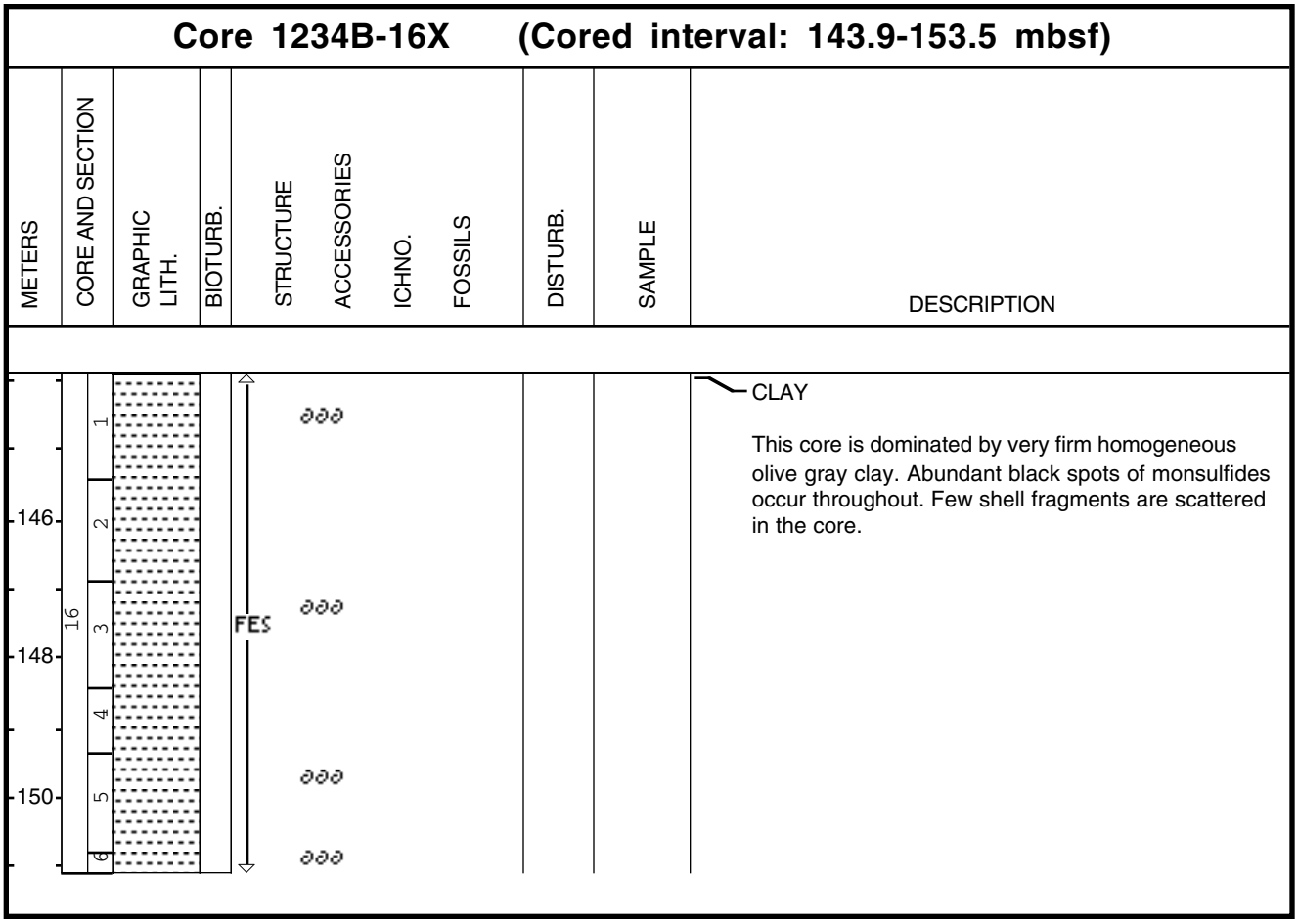
DIATOM NANNOFOSSIL CLAY and CLAY

This core is dominated by diatom nannofossil clay and clay. Black mottled monosulfides are abundant throughout the core, especially in Section 2. Shell fragments are present in Section 5, 2-5 cm and 70-80 cm.

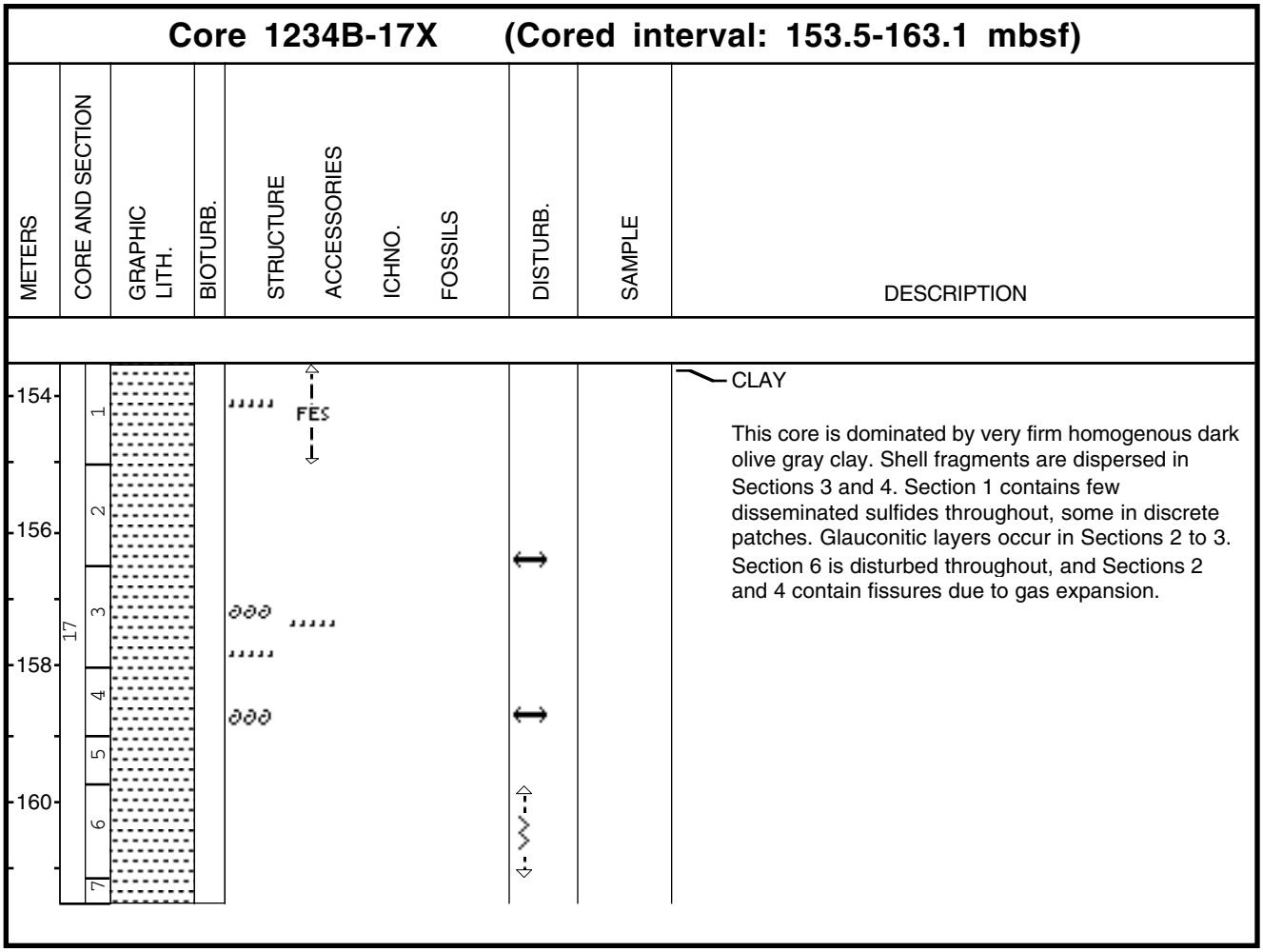
Core Photo


Core 1234B-15X (Cored interval: 134.3-143.9 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
136
138
140
142
15
1
2
3
4
5
6
FES
SILTY CLAY
This core consists of very firm olive gray silty clay that is homogeneous in texture and color throughout. Abundant monosulfides occur in all sections, and shell fragments are more abundantly dispersed throughout Sections 2 to 5. Large fissures in Sections 2 and 3 are due to gas expansion. Section 4 contains some slight disturbances in the upper 60 cm. Section 5 was ejected from the core barrel due to gas expansion, so the entire section was compressed, but was stratigraphically intact.

Core Photo

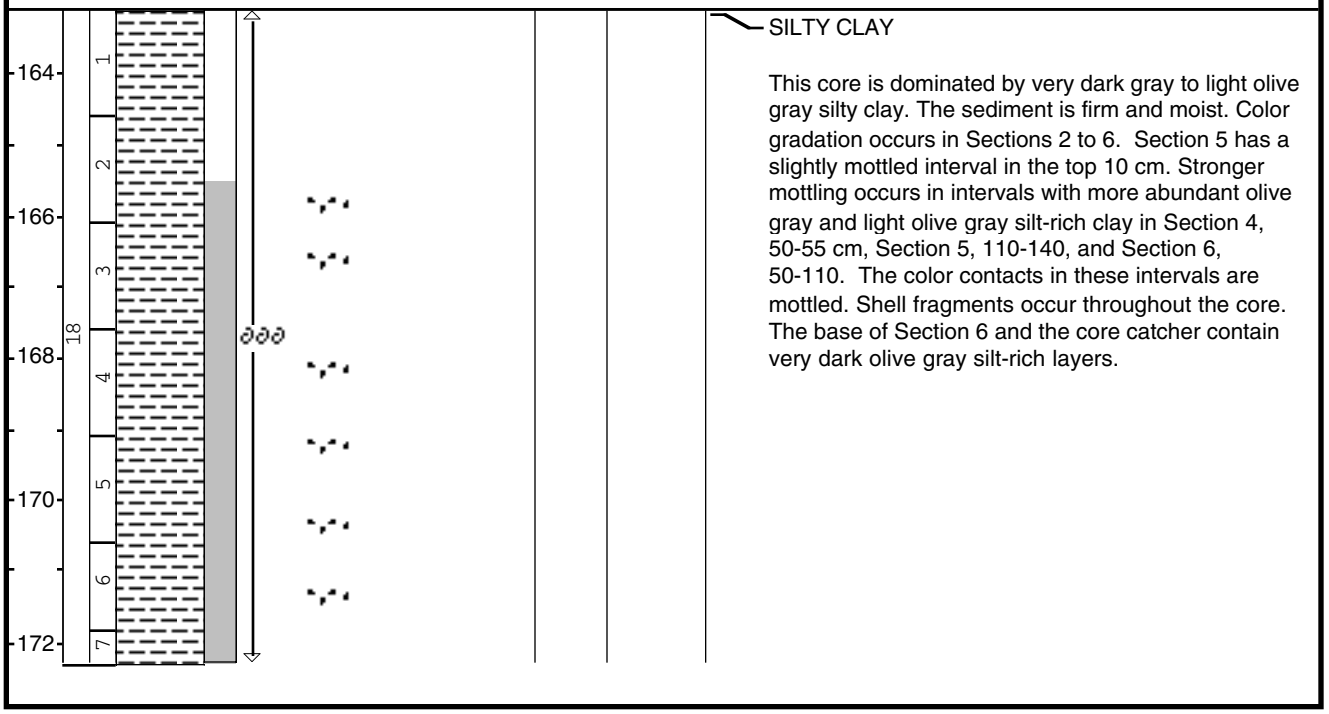

Core 1234B-16X (Cored interval: 143.9-153.5 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
146
148
150
16
1
2
3
4
5
6
FES
CLAY
This core is dominated by very firm homogeneous olive gray clay. Abundant black spots of monsulfides occur throughout. Few shell fragments are scattered in the core.

Core Photo


Core 1234B-17X (Cored interval: 153.5-163.1 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
154
156
158
160
17
1
2
3
4
5
6
7
FES
CLAY
This core is dominated by very firm homogenous dark olive gray clay. Shell fragments are dispersed in Sections 3 and 4. Section 1 contains few disseminated sulfides throughout, some in discrete patches. Glauconitic layers occur in Sections 2 to 3. Section 6 is disturbed throughout, and Sections 2 and 4 contain fissures due to gas expansion.

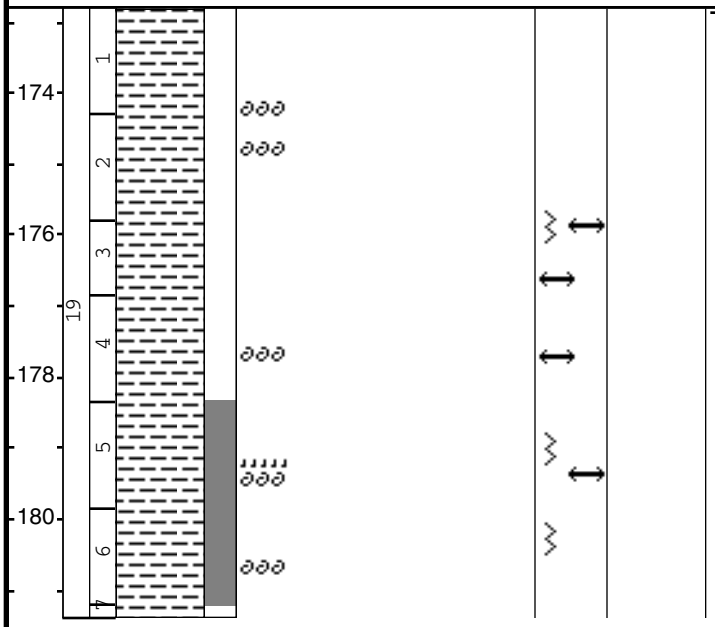
Core Photo

Core 1234B-18X (Cored interval: 163.1-172.8 mbsf)



Core Photo

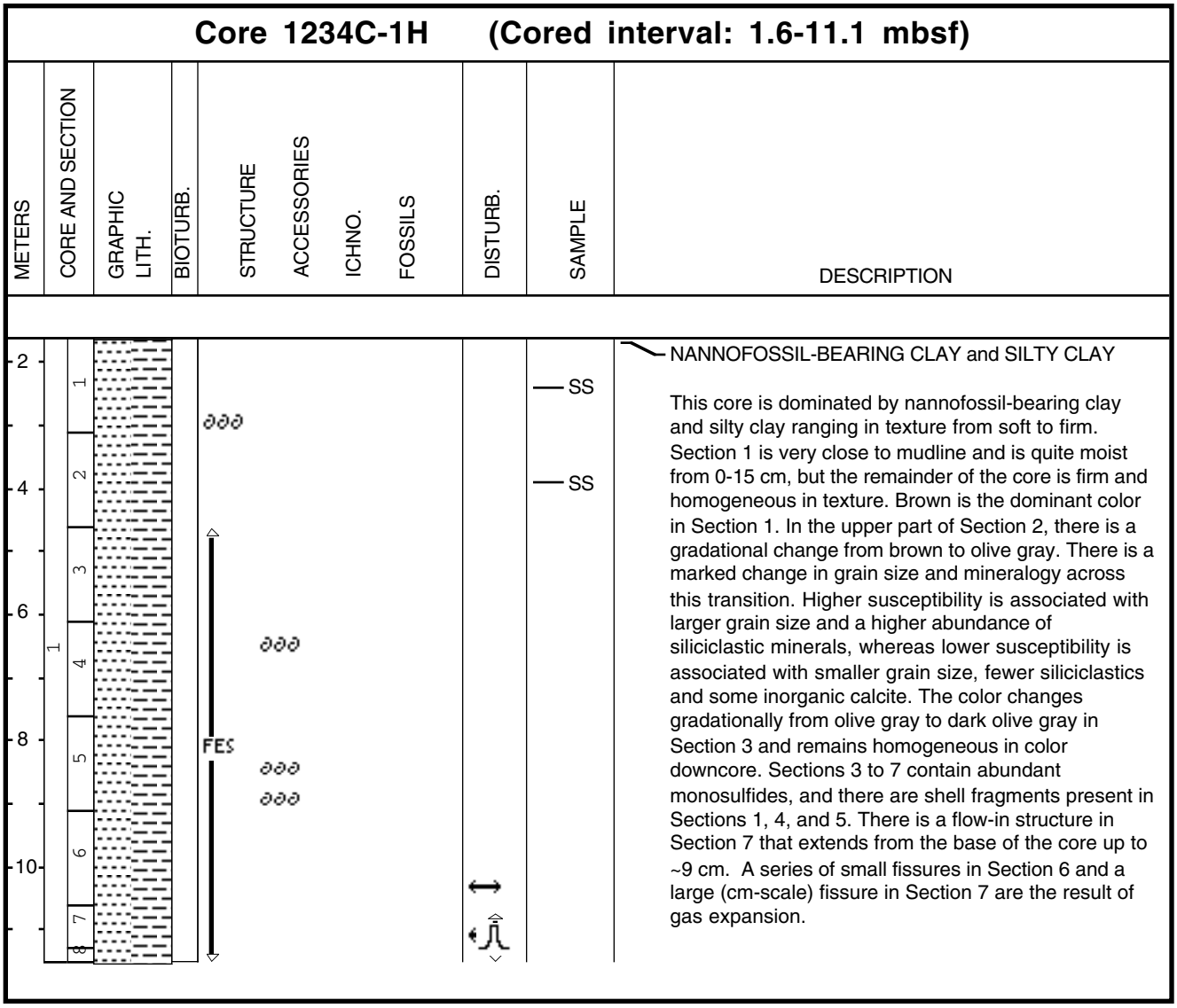
Core 1234B-19X (Cored interval: 172.8-182.4 mbsf)



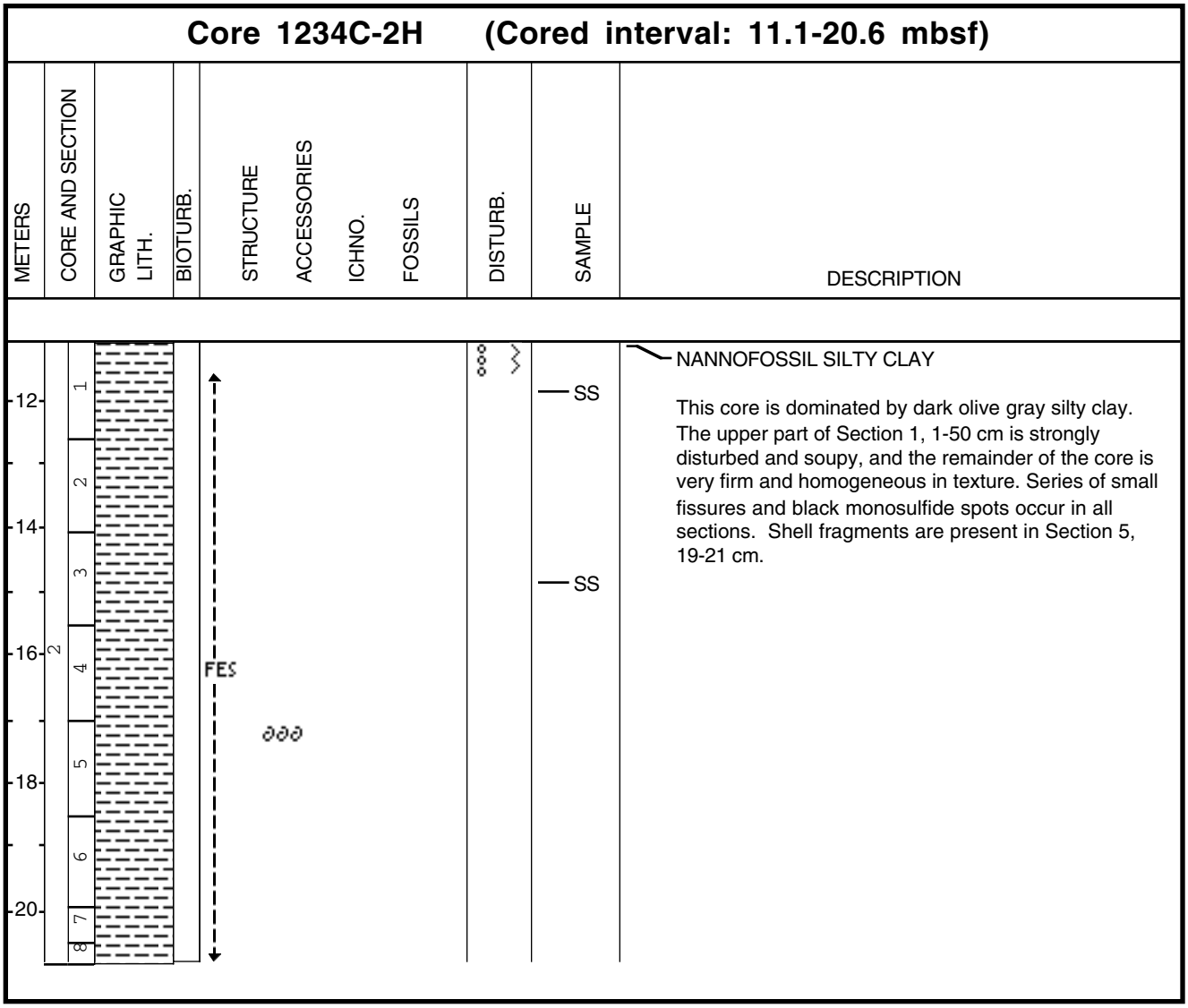
SILTY CLAY

This core is dominated by very firm silty clay that is homogeneous in texture throughout all sections. The sediments in Sections 1-4 are dominantly dark olive gray with one small olive gray layer from 27-30 cm in Section 2. In Sections 5-6, a strongly mottled interval contains olive gray, dark olive gray, and dark gray color layers. Bioturbation is not evident in this interval, so it could be due to coring disturbance processes. Section 5 contains a short interval of glauconite from 93-101 cm. Fissures due to gas expansion are present in Sections 3 to 5.

Core Photo

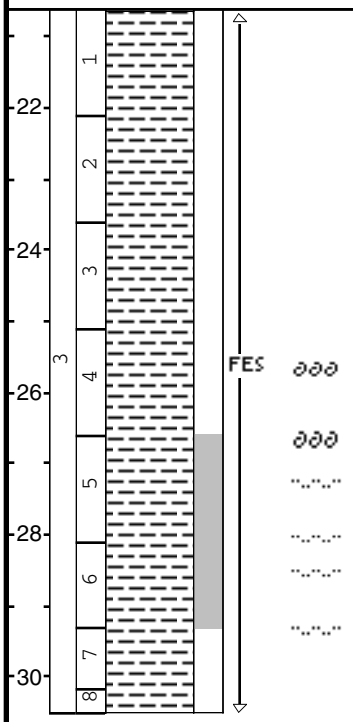

Core 1234C-1H (Cored interval: 1.6-11.1 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
2
4
6
8
10
1
1
2
3
4
5
6
7
8
FES
SS
SS
NANNOFOSSIL-BEARING CLAY and SILTY CLAY
This core is dominated by nannofossil-bearing clay and silty clay ranging in texture from soft to firm. Section 1 is very close to mudline and is quite moist from 0-15 cm, but the remainder of the core is firm and homogeneous in texture. Brown is the dominant color in Section 1. In the upper part of Section 2, there is a gradational change from brown to olive gray. There is a marked change in grain size and mineralogy across this transition. Higher susceptibility is associated with larger grain size and a higher abundance of siliciclastic minerals, whereas lower susceptibility is associated with smaller grain size, fewer siliciclastics and some inorganic calcite. The color changes gradationally from olive gray to dark olive gray in Section 3 and remains homogeneous in color downcore. Sections 3 to 7 contain abundant monosulfides, and there are shell fragments present in Sections 1, 4, and 5. There is a flow-in structure in Section 7 that extends from the base of the core up to ~9 cm. A series of small fissures in Section 6 and a large (cm-scale) fissure in Section 7 are the result of gas expansion.

Core Photo


Core 1234C-2H (Cored interval: 11.1-20.6 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
12
14
16
18
20
2
1
2
3
4
5
6
7
8
FES
SS
SS
NANNOFOSSIL SILTY CLAY
This core is dominated by dark olive gray silty clay. The upper part of Section 1, 1-50 cm is strongly disturbed and soupy, and the remainder of the core is very firm and homogeneous in texture. Series of small fissures and black monosulfide spots occur in all sections. Shell fragments are present in Section 5, 19-21 cm.

Core Photo

Core 1234C-3H (Cored interval: 20.6-30.1 mbsf)

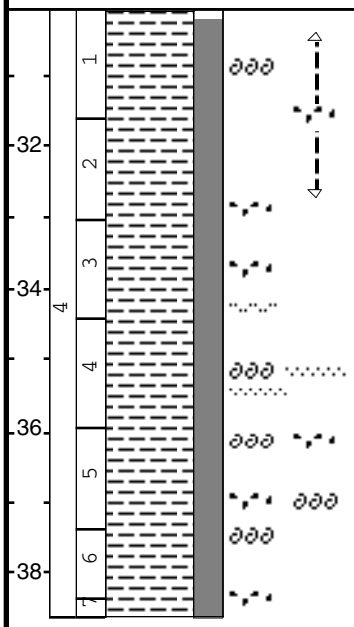


NANNOFOSSIL SILTY CLAY

This core is primarily firm, homogeneous olive gray silty clay. This changes to a dark olive gray color at the top of Section 7 that grades back to olive gray at the base of the section. Black spots that disappear during exposure are scattered throughout the core. The core catcher is dark olive gray. A number of thin (~1 cm), diffuse silt-rich layers occur in Sections 5 and 6 and silt-rich patches occur between 145 and 146 cm in Section 5. Two thin (<0.5 cm) light brown layers are present at the top of Section 7. A shelly patch is present in Section 4 and individual shell fragments are present in Section 5.

Core Photo

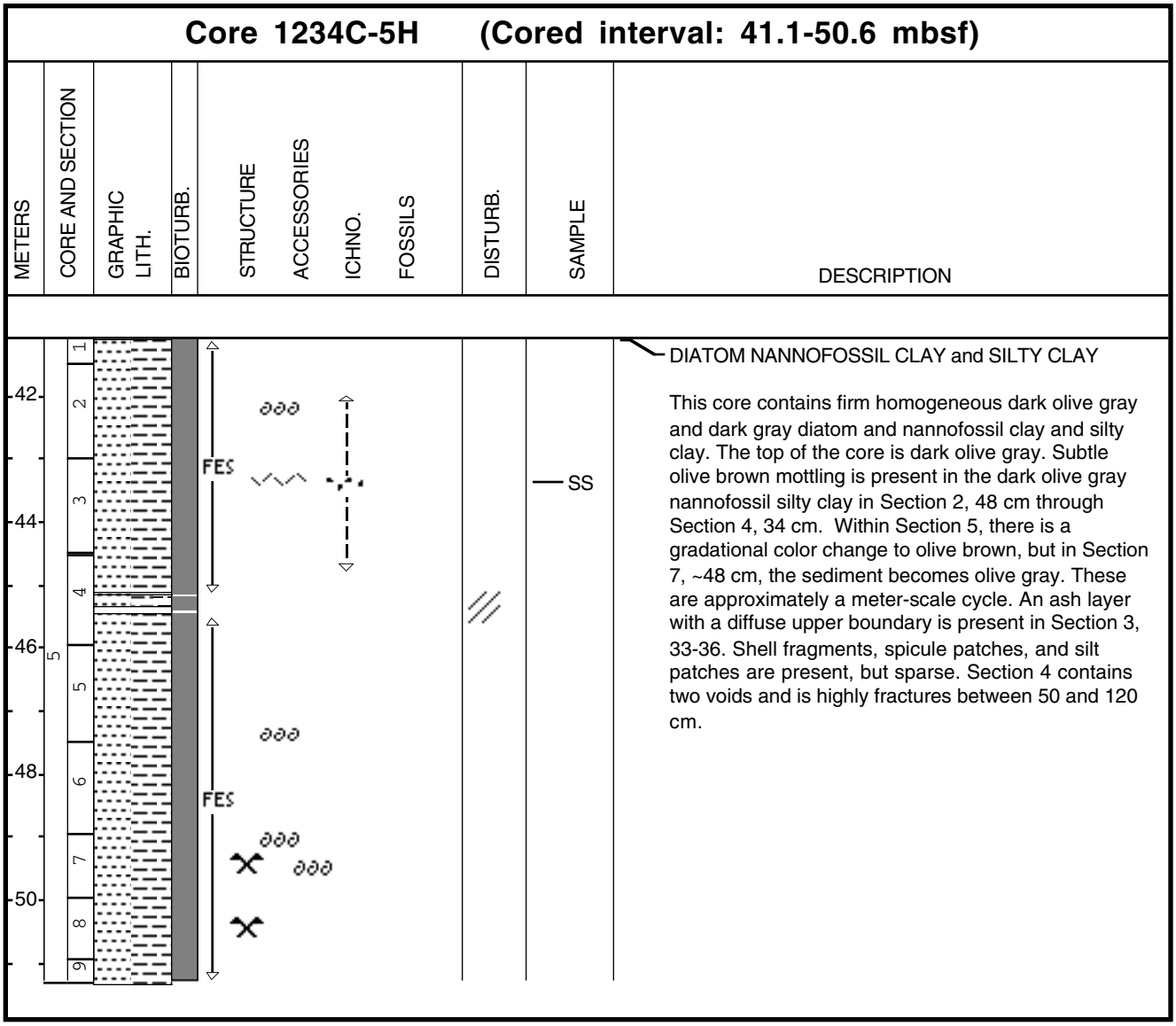
Core 1234C-4H (Cored interval: 30.1-39.6 mbsf)



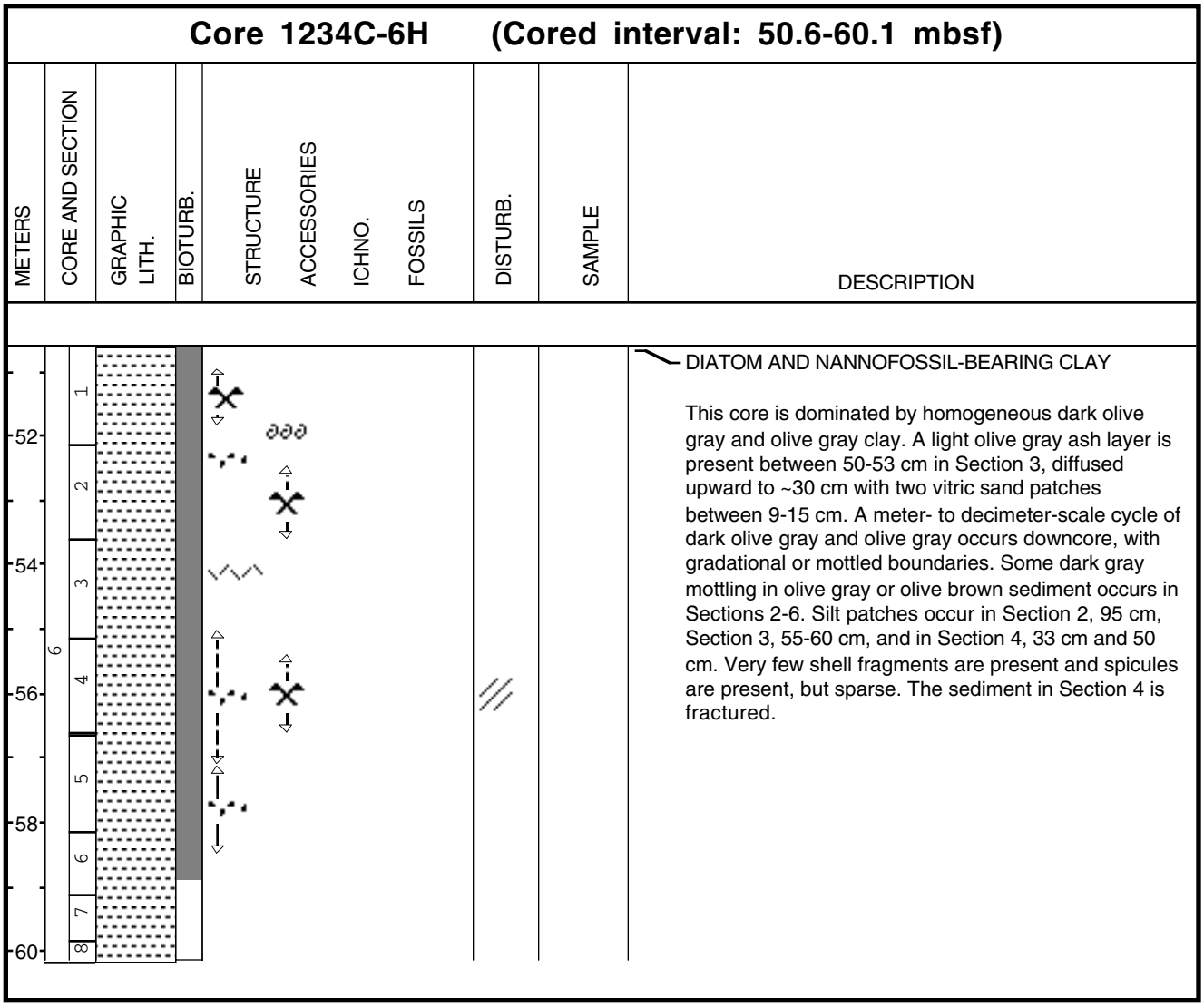
NANNOFOSSIL SILTY CLAY and
NANNOFOSSIL-BEARING SILTY CLAY

This core is dominated by homogeneous silty clay with decimeter-scale dark (olive gray) to light (olive) color cycles. The color boundaries are gradational or mottled. Two diffuse sand-rich layers are visible in Section 4; shell fragments are contained within the upper layer. Silt and sand-rich patches occur throughout the core in Sections 1, 40 cm, 86 cm (sandy), 103 cm, 118-121 cm (patches), Section 3, 46-50 cm (patches), Section 4, 13-20, 30-35, 38-44, and 53-55 cm (patches), and Section 6, 13 cm, 56 cm, and 85-94 cm. Patches of shell fragments are present throughout the core.

Core Photo

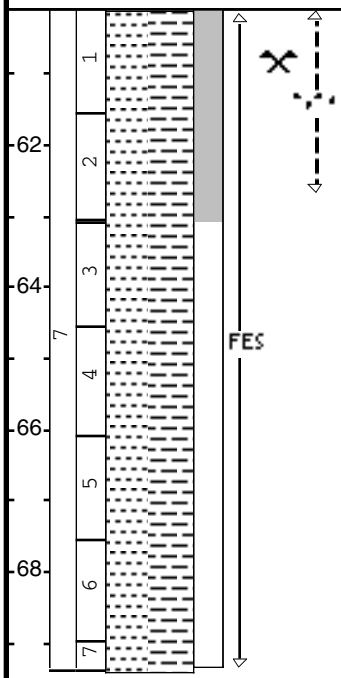

Core 1234C-5H (Cored interval: 41.1-50.6 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
42
44
46
48
50
5
1
2
3
4
5
6
7
8
9
FES
FES
SS
DIATOM NANNOFOSSIL CLAY and SILTY CLAY
This core contains firm homogeneous dark olive gray and dark gray diatom and nannofossil clay and silty clay. The top of the core is dark olive gray. Subtle olive brown mottling is present in the dark olive gray nannofossil silty clay in Section 2, 48 cm through Section 4, 34 cm. Within Section 5, there is a gradational color change to olive brown, but in Section 7, ~48 cm, the sediment becomes olive gray. These are approximately a meter-scale cycle. An ash layer with a diffuse upper boundary is present in Section 3, 33-36. Shell fragments, spicule patches, and silt patches are present, but sparse. Section 4 contains two voids and is highly fractures between 50 and 120 cm.

Core Photo


Core 1234C-6H (Cored interval: 50.6-60.1 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
52
54
56
58
60
6
1
2
3
4
5
6
7
8
DIATOM AND NANNOFOSSIL-BEARING CLAY
This core is dominated by homogeneous dark olive gray and olive gray clay. A light olive gray ash layer is present between 50-53 cm in Section 3, diffused upward to ~30 cm with two vitric sand patches between 9-15 cm. A meter- to decimeter-scale cycle of dark olive gray and olive gray occurs downcore, with gradational or mottled boundaries. Some dark gray mottling in olive gray or olive brown sediment occurs in Sections 2-6. Silt patches occur in Section 2, 95 cm, Section 3, 55-60 cm, and in Section 4, 33 cm and 50 cm. Very few shell fragments are present and spicules are present, but sparse. The sediment in Section 4 is fractured.

Core Photo

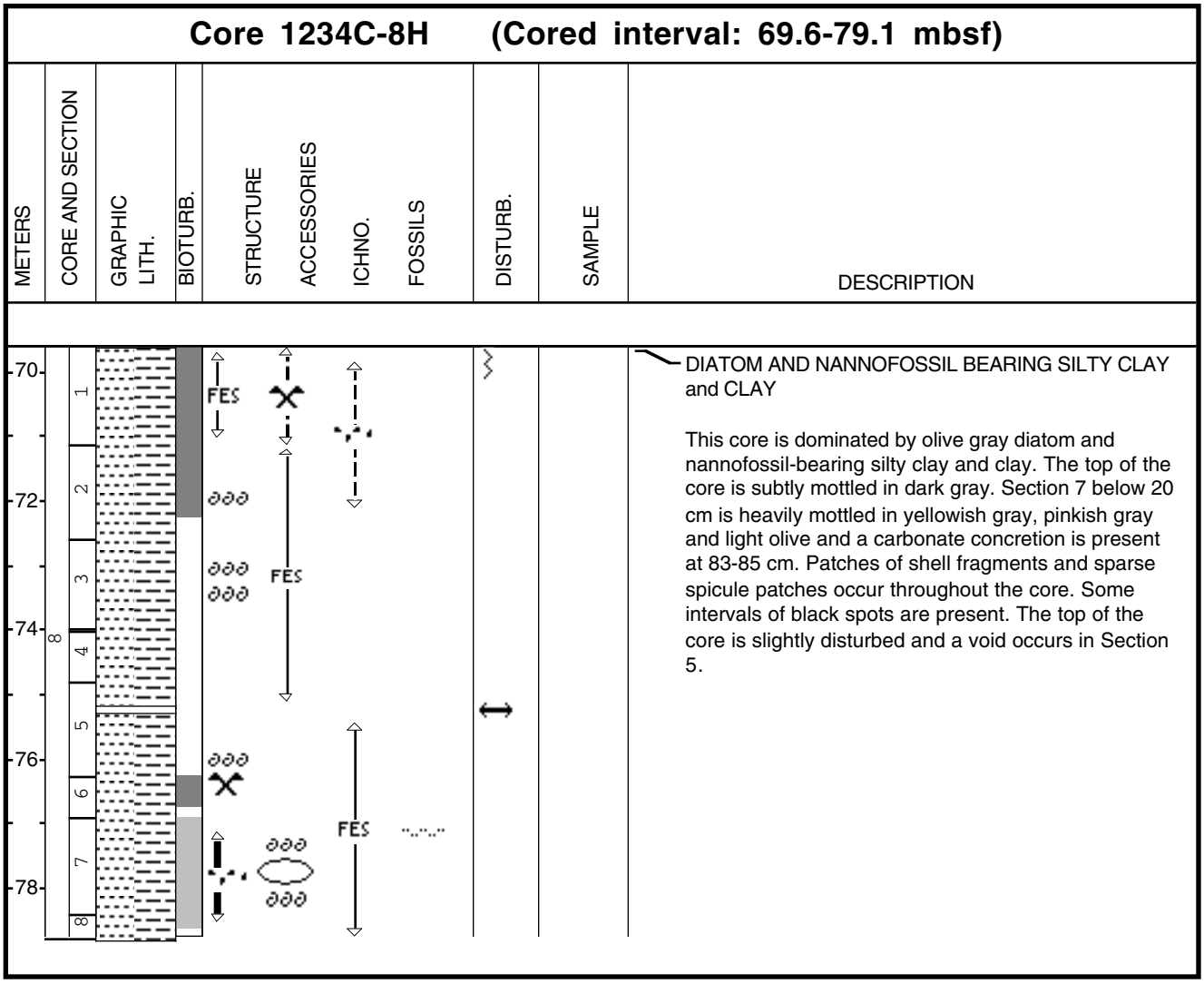
Core 1234C-7H (Cored interval: 60.1-69.6 mbsf)



DIATOM AND NANNOFOSSIL BEARING SILTY CLAY and CLAY

This core is dominated by firm, homogeneous diatom and nannofossil-bearing silty clay and clay. Most of the sediment in the core is olive gray, with a dark olive gray color occurring in Section 1 and in Section 5, between ~130 cm and the base of the section. Subtle dark gray mottling is present at the top of the core which becomes dark olive gray mottling in olive gray sediment below 70 cm (Section 1). Black patches that disappear in about an hour are present at the base of Section 2, in Section 5 between 90-127 cm, in Section 6 between 100-127 cm, and in the core catcher. One patch of spicules was observed in Section 1.

Core Photo


Core 1234C-8H (Cored interval: 69.6-79.1 mbsf)
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
70
72
74
76
78
8
1
2
3
4
5
6
7
8
FES
FES
FES
DIATOM AND NANNOFOSSIL BEARING SILTY CLAY and CLAY
This core is dominated by olive gray diatom and nannofossil-bearing silty clay and clay. The top of the core is subtly mottled in dark gray. Section 7 below 20 cm is heavily mottled in yellowish gray, pinkish gray and light olive and a carbonate concretion is present at 83-85 cm. Patches of shell fragments and sparse spicule patches occur throughout the core. Some intervals of black spots are present. The top of the core is slightly disturbed and a void occurs in Section 5.

Sample					Texture				Mineral																							Biogenic							Rock			
Core	Type	Section	Top (cm)	Depth (mbsf)	Lithology	Sand (%)	Silt (%)	Clay (%)	Amphibole (8)	Clay Mineral (47)	Clinopyroxene (49)	Dolomite (62)	Epidote (67)	Feldspar (71)	Garnet (79)	Glauconite (82)	Heavy Minerals (89)	Hematite (90)	Inorganic Calcite (97)	Mica (118)	Opaques (140)	Orthopyroxene (143)	Palagonite (148)	Phillipsite (155)	Pyrite (169)	Pyroxene (171)	Quartz (172)	Rutile (178)	Titanite (210)	Volcanic Glass (81)	Zircon (223)	Diatoms (58)	Foraminifers (78)	Nannofossils (132)	Pollen (162)	Radiolarians (173)	Siliceous Sponge Spicules (185)	Silicoflagellates (189)	Bioclasts (21)	Micrite (119)	Volcanic Fragments (220)	Comments
Hole A																																										
1	H	1	75	0.75	D	9	18	73	R	55	R		R	21	R	R				R	3	R	R		7		4	R	R	3		3		R		1	3	R		R		
1	H	3	35	3.37	M	12	88		R		3		R	30		R				R	21	R	3		15		6	R		3		3	3	9			R			3		
1	H	3	75	3.77	D		17	83	R	61	R		R	7		R				R	R	R	R		5		2	R	R	5		2	R	17			R			R		
2	H	1	75	6.05	D	10	13	77	R	56	R			14		R					3	R	R		4		4	R	R	1		3	1	14			1	R		R		
2	H	2	45	7.27	D		43	57	R	33	R			17		R				R	2	R	R		3		5	R		3		2	R	33		R	2	R		R		
2	H	2	45	7.27																																						
2	H	3	75	9.1	D		19	81	R	57	R		R	9		R			R	R	R	R			2		4	R		4		4		19			2			R		
3	H	2	75	15.93	D	0	25	75	2	48	R		R	8				2				R			3		3			3		3	R	24		R	3	R				
3	H	3	52	17.21	M	0	100	0			R		R	9						R		R					R	R		91			R	R						R		from ash layer (mud contamination?)
3	H	3	75	17.44	D	0	25	75	1	39			R	3		R		1							3		1	R		4		3	3	39	1	R	3	R				
3	H	5	118	20.85	M	0	32	68	R	30	R			10						R	R	R			4		2			50		R	R	4			R			R		from thin ash layer (mud contamination)
4	H	2	75	25.6	D	0	40	60	1	43	R		R	3				1	1			R			4		3			3		1	1	36	R	R	1	R				
4	H	3	75	27.11	D	0	40	60		43	R		R	3				1	1			R			3		3					3	1	36	1	R	3	R				
5	H	2	75	35	D	0	25	75	2	55				4				2	5						4		4			4		2	R	18		R	R	R				
5	H	4	75	37.96	D	0	25	75	1	43			R						1		1				1		1			3		1	R	43			1	R				
6	H	2	75	44.67	D		35	65	R	54	R			19		R				R	R	R	R		3		3	R		14		8				R	R	R	R			
6	H	3	75	45.95	D	3	21	76	R	56	R			8		R			R	R	1	R	3		6			R		3		8	R	14			9			R		
6	H	4	82.5	47.54	M		83	17	R		R		R	5		R			R	R	4	R					2	R		89		R								R		
7	H	1	75	53.55	D	0	14	86	R	64				11					2	R			R		2					2		4		11			4	R		R		
7	H	3	17	55.99	D	2	24	74	R	68	R			5						R	2				2		R			5		7	R	7			2			R		
7	H	3	75	56.57	D	2	20	78	R	66	R			5						R					3			R		3		8		11			3					
8	H	2	18	63.24	M	0	11	89		66				5			R			R	2			8	8		2					5		3		2						
8	H	2	75	63.81	D	0	27	73	R	53	R		R	13			R			R	1	R	R		1		4			4		9		7		4	3					
8	H	2	120	64.26	D	5	38	57	1	47	1			19			R			R	1	R	R		R		5			3		16				3	3		R			
8	H	4	75	66.62	D	3	16	81	R	58			R	9						R	R	R			5		3			3		9	R	12			3	R				
9	H	2	75	73.22	D	0	25	75		48			R	3		3			5						11		5			5		5		11			2					
9	H	3	124	75.22	M	0	25	75	R	72	R			19		R			3		1				1									R			R			2		
9	H	4	75	76.22	D	0	0	100	1	28			1	5		3			7	R			1		7	R				5		1		40		R	1					
10	H	2	75	82.64	D	0	25	75	1	75				13			R		1		1				2		R					1	1	1			R			3		
10	H	2	87	82.76	M	10	70	20		15				5		R			1						3					75			R	1			R					
10	H	3	75	84.11	D	5	15	80	R	75				17		R			2		1				1		R						R							1		
11	H	1	75	91.55	D	1	25	74		70				15		R			5	R	2				1		R					R	1	2			1			2		
11	H	3	75	94.53	D	0	22	78	R	75				11		R			5	R	2				2							R		3			1					
12	X	1	30	100.6	D	2	37	61	R	34	R		R	14		R			1	R			R		4		3	R		4		5	R	32			5			4		
12	X	1	75	101.05	D	1	19	80	R	78				12		1				R	1											2	1	4		R	R					
12	X	1	75	101.05																																						
12	X	1	135	101.65	M	0	17	83	R	43	R		R						4	R	R	R	R		4			R	R	4		9	R	43			4			R		
12	X	5	30	106.61	M	17	83	0			R			60													20			20			R	R								
12	X	5	75	107.06	M	17	83	0			R			60													20			20			R	R								
13	X	1	75	109.55	D	0	19	81	1	37				6				R	8		1				1		4			2		1	R	36		R	1	R				
13	X	3	75	112.57	D	0	20	80	1	75				11					9								R					R	R	3		R	R	R				
14	X	1	75	119.15	D	0	22	78	R	48	R		R	5					10			R	R		2		2	R		4		10		10			4			2		
14	X	3	75	122.15	D		22	78	R	68	R		R	14		R			5	R		R	R		5		3	R		5		3		R		R	R			R		
15	X	1	75	128.75	D	0	25	75	2	68				5						R	2		2		5		R			2		R		7			2					
15	X	3	75	131.77	D	0	26	74	R	56	R			14					8	R			3		6		6					3		6			R					

Sample					Texture				Mineral																										Biogenic							Rock			
Core	Type	Section	Top (cm)	Depth (mbsf)	Lithology	Sand (%)	Silt (%)	Clay (%)	Amphibole (8)	Clay Mineral (47)	Clinopyroxene (49)	Dolomite (62)	Epidote (67)	Feldspar (71)	Garnet (79)	Glauconite (82)	Heavy Minerals (89)	Hematite (90)	Inorganic Calcite (97)	Mica (118)	Opaques (140)	Orthopyroxene (143)	Palagonite (148)	Phillipsite (155)	Pyrite (169)	Pyroxene (171)	Quartz (172)	Rutile (178)	Titanite (210)	Volcanic Glass (81)	Zircon (223)	Diatoms (58)	Foraminifers (78)	Nannofossils (132)	Pollen (162)	Radiolarians (173)	Siliceous Sponge Spicules (185)	Silicoflagellates (189)	Bioclasts (21)	Micrite (119)	Volcanic Fragments (220)	Comments
Hole A (continued)																																											
16	X	1	75	138.35	M	0	20	80	R	40				10		R			40		2										R	R	R			R			R		
16	X	3	75	141.37	D	0	15	85	R	80	R			10		R			3		2				2		R				R					R					
17	X	1	75	147.95	D	0	20	80		75				10					8		1				2						R	R	R			R			2		
17	X	3	75	150.82	D	0	18	82	R	80				11		R			2		1				3								1								
18	X	1	75	157.65	D	5	40	55	2	55	1			25	R	1			1	R		1							2		6	R	1		R	1					
18	X	3	75	160.67	D	0	25	75	1	70				13			R		3	R	1				8		R		1		1		1			R					
18	X	4	128	162.72	M	1	29	70	2	70				15		2	1		1		5						1				1	R	R			R					
19	X	1	75	167.25	D	0	30	70	R	70				20		R			2		2				4						R	R	R								
19	X	3	75	170.02	D	1	28	71	R	70				17		R			1		2				4		R				R	R	R			1			1		
20	X	4	11	180.75	M	0	38	62		5				2		R			90		1				R					R											
20	X	4	60	181.24	D	1	21	78		75				12		R			4	R					3						R	R	R						2		
20	X	4	65	181.29	D	0	19	81		63			R	2		2			8	R					13		2			2	2					5					
21	X	3	46	189.28	M	42	29	29		17						52							R		24					3	3										
22	X	1	75	196.25	D	2	25	73	1	70				15		3	1		2	R	R				4		R				R	R	1			R					
22	X	3	75	199.28	D	0	30	70	1	70				18					3	R	5										R	R	1		R						
Hole B																																											
1	H	1	75	0.75	D	5	22	73	1	70				20		3			1						2	1					R	R				R					
1	H	4	75	5.28	D	0	30	70	R	70				20		R			3						2						R	R	R			R			R		
2	H	1	75	9.85	D	0	33	67	2	31				3		2			3	R			1		5		2			5	3	R	41		R	2	R				
2	H	3	75	12.88	D	0	40	60	1	33				2		2			1	1			R		3		1			2	3	2	44		1	2	R				
2	H	6	72	17.39	M	0	20	80		77				5					15		2											R	1								
5	H	5	70	43.64	M	61	30	9	R	R			R	4		4			4		4					R	4			80				R							
6	H	7	123	56.14	M	35	58	7	R		R		R	2					2		R	R				R				96											
6	H	7	131	56.22	M	45	45	10	R					3		R			3		R				44		6			44											
8	H	2	84	67.88	M	0	33	67	R	42				2		5			2						3	R	2			2	R	R	42		R						
9	H	6	35	83.1	M	0	22	78	R				R	15		5			R		15					R	5			35	R		25			R	R				
Hole C																																											
5	H	3	34	43.36	M	22	78	0	R		R			12							3		R				2			83											
6	H	3	51	54.13	M	8	29	63	R	19	R		R	9		R				R	R	R			2		4			62		R		4			R			1		