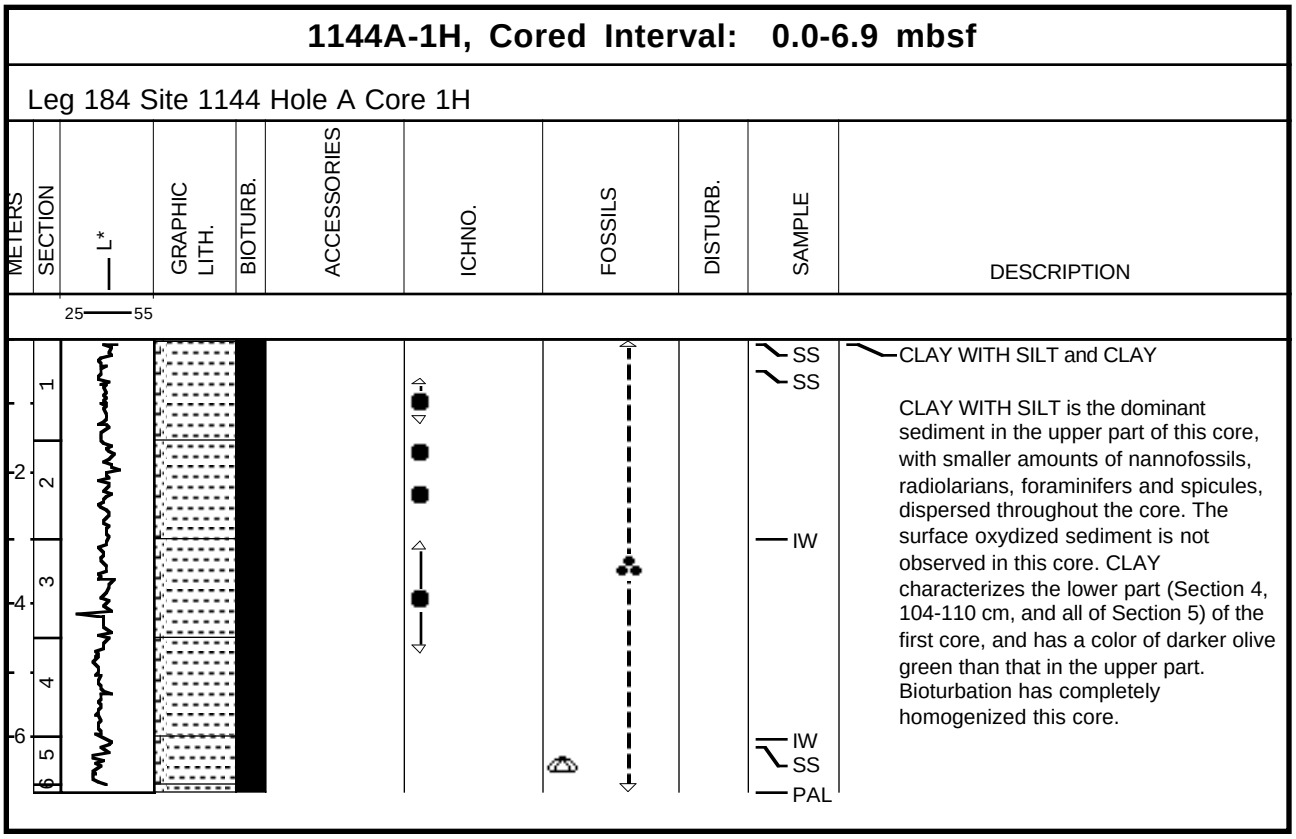
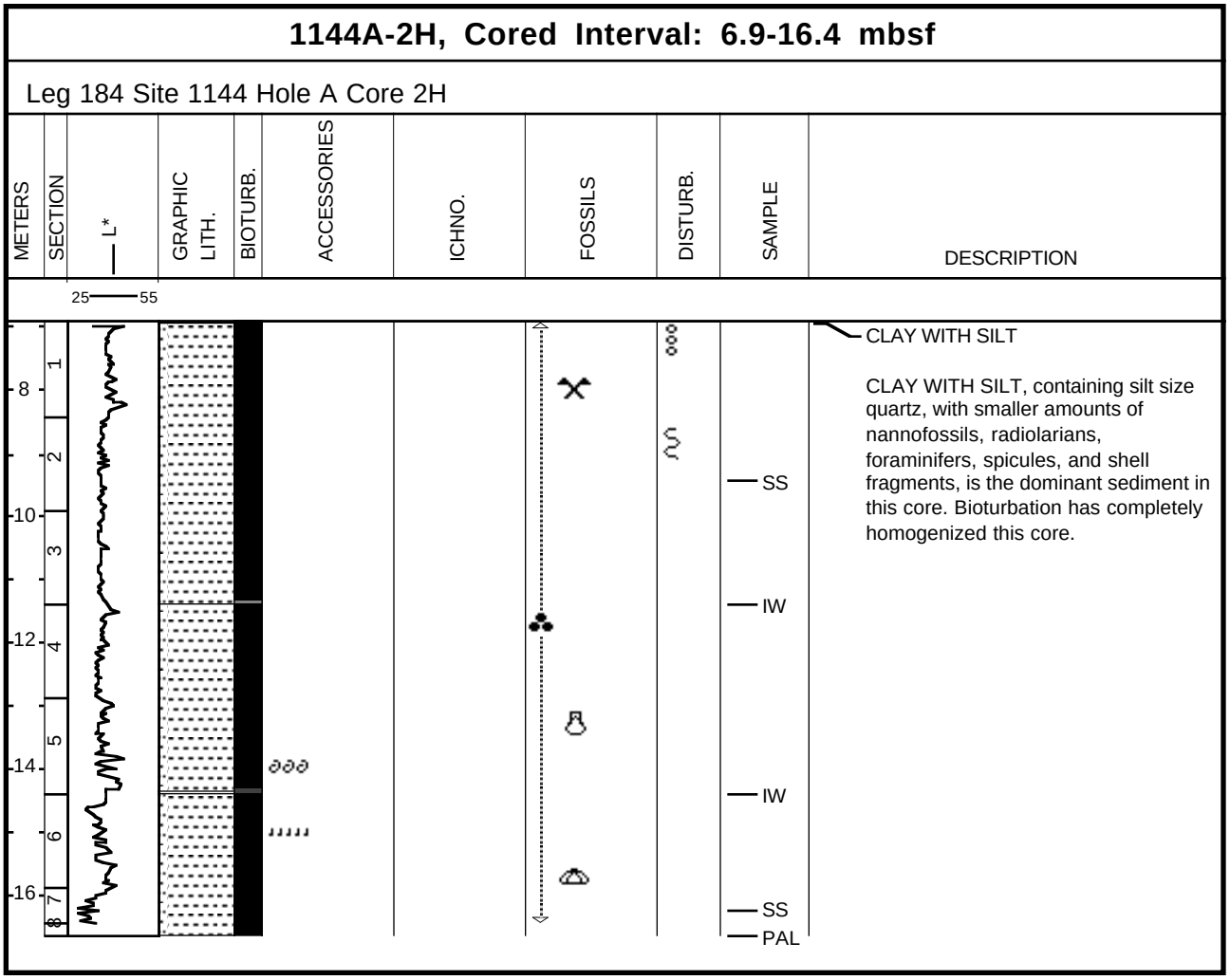
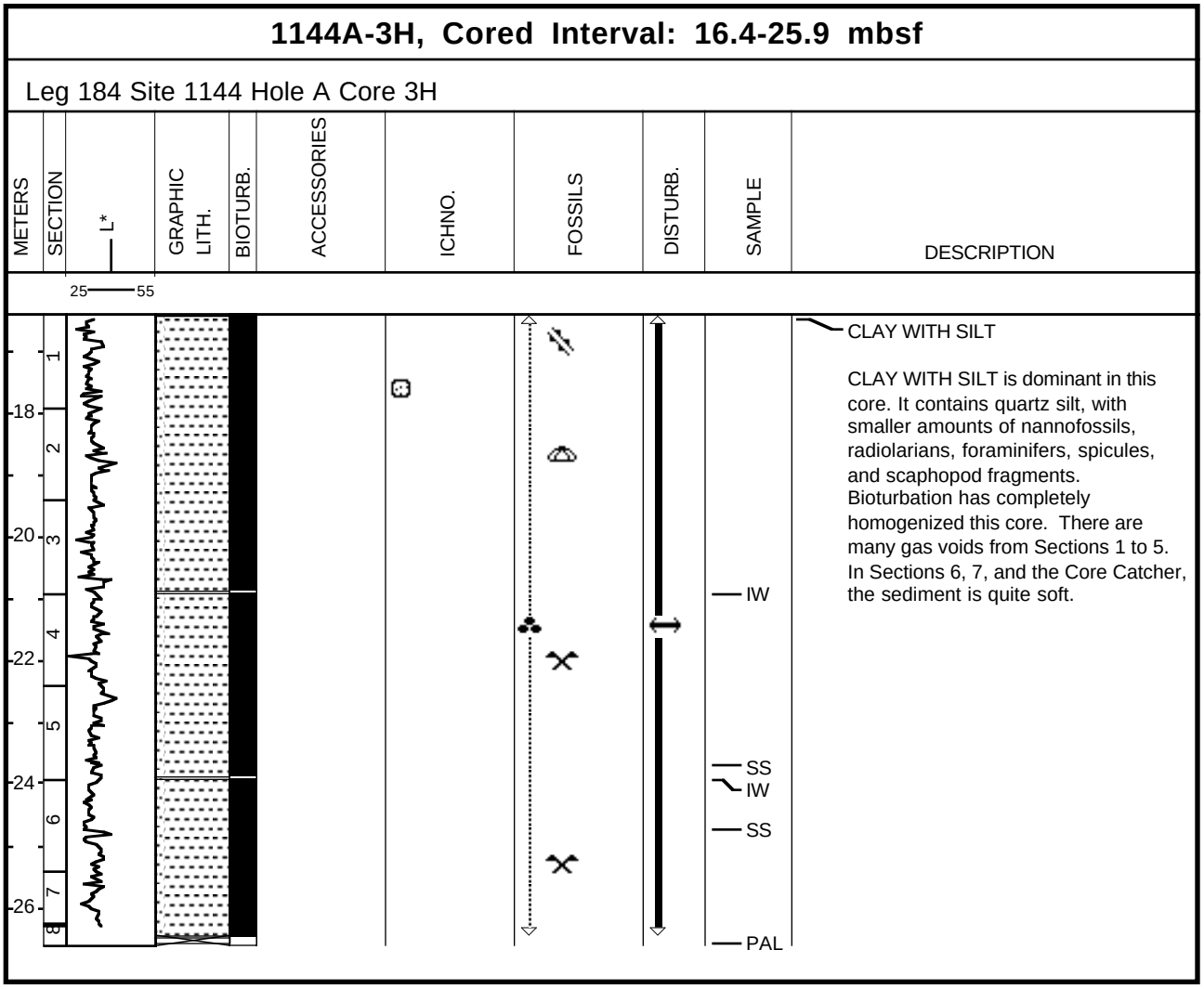
Core Photo


1144A-1H, Cored Interval: 0.0-6.9 mbsf
Leg 184 Site 1144 Hole A Core 1H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
1
2
3
4
5
-2
-4
-6
SS
SS
IW
IW
SS
PAL
CLAY WITH SILT and CLAY
CLAY WITH SILT is the dominant sediment in the upper part of this core, with smaller amounts of nannofossils, radiolarians, foraminifers and spicules, dispersed throughout the core. The surface oxydized sediment is not observed in this core. CLAY characterizes the lower part (Section 4, 104-110 cm, and all of Section 5) of the first core, and has a color of darker olive green than that in the upper part. Bioturbation has completely homogenized this core.

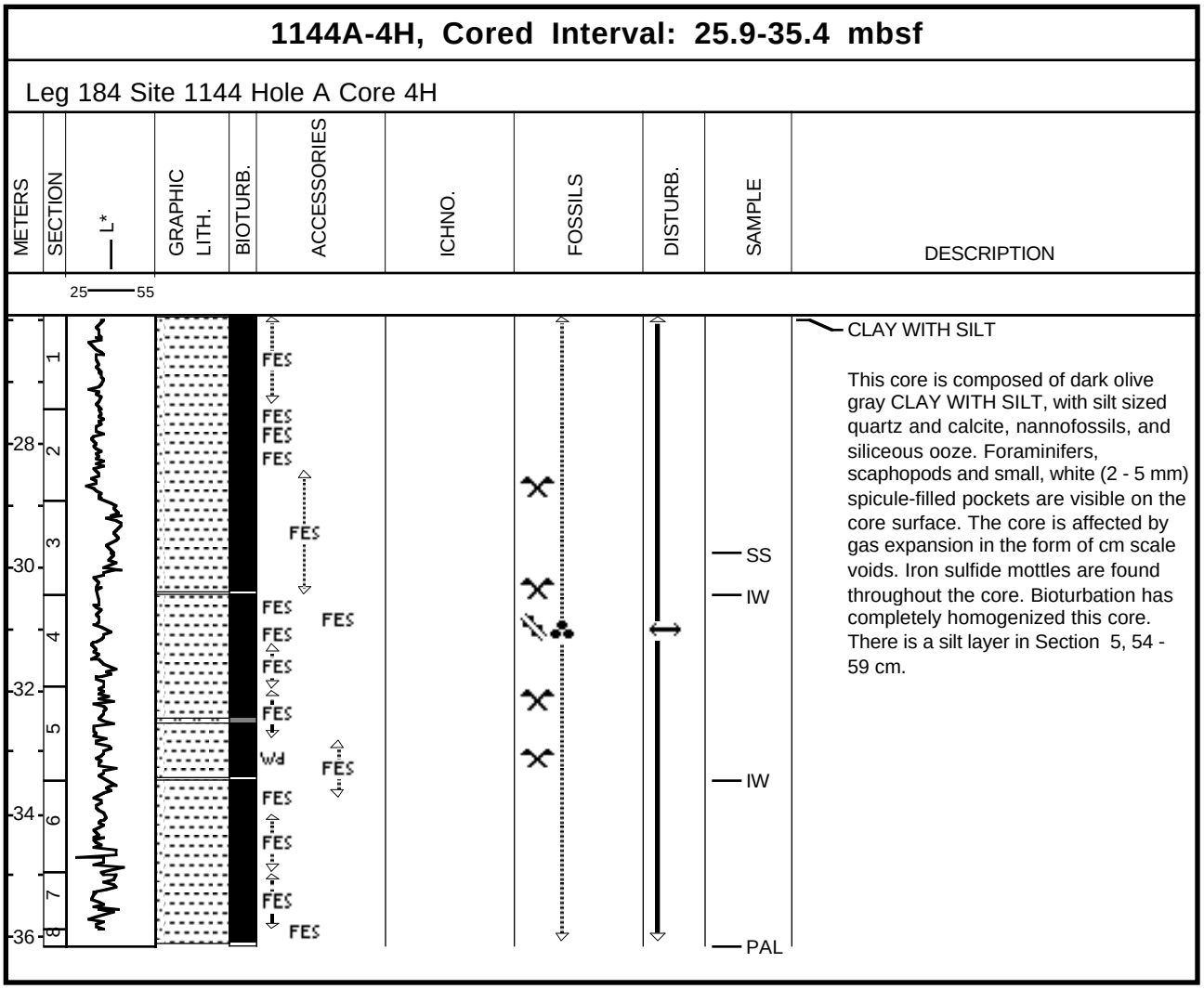
Core Photo


1144A-2H, Cored Interval: 6.9-16.4 mbsf
Leg 184 Site 1144 Hole A Core 2H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
8
10
12
14
16
1
2
3
4
5
6
7
SS
IW
IW
SS
PAL
CLAY WITH SILT
CLAY WITH SILT, containing silt size quartz, with smaller amounts of nannofossils, radiolarians, foraminifers, spicules, and shell fragments, is the dominant sediment in this core. Bioturbation has completely homogenized this core.

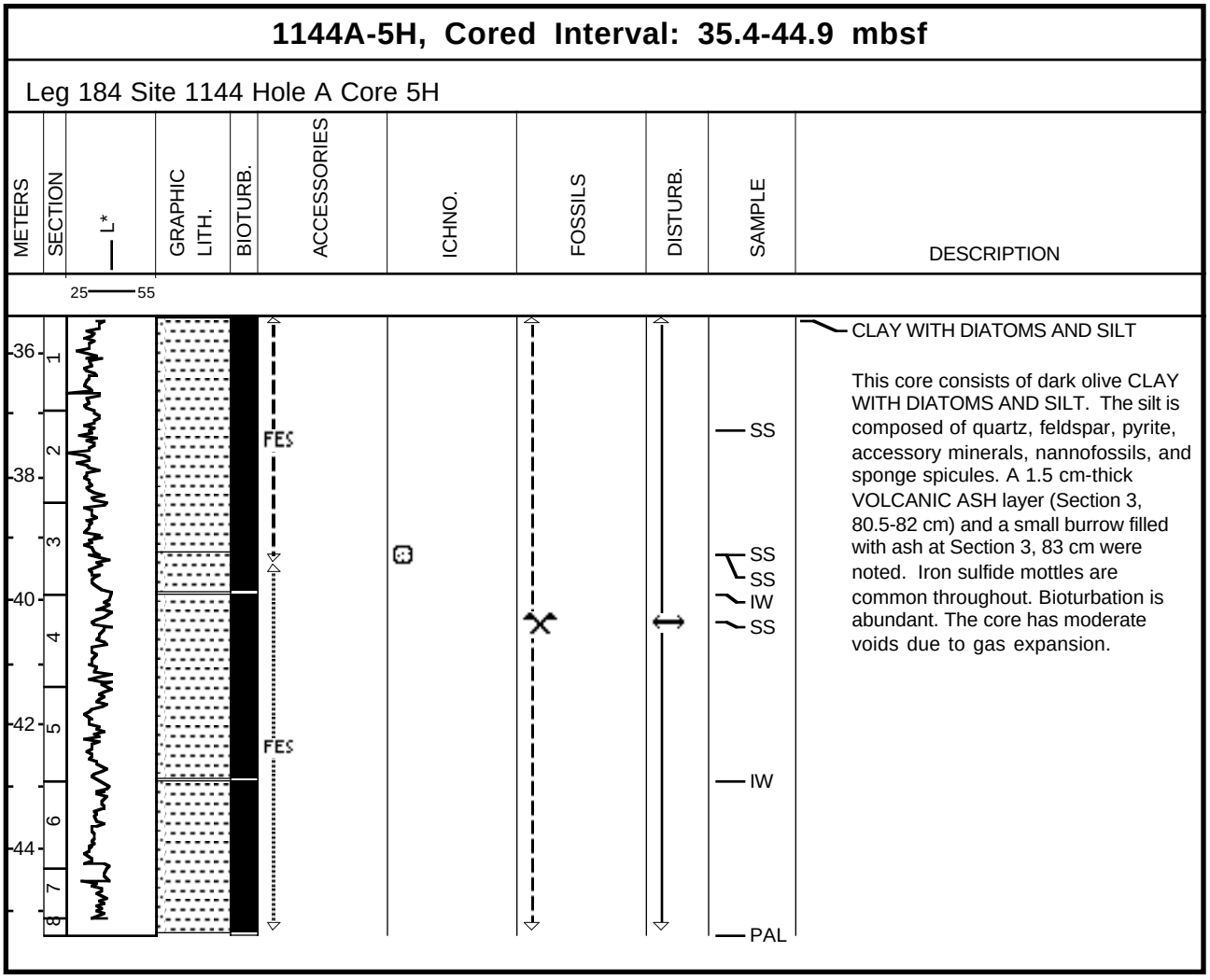
Core Photo


1144A-3H, Cored Interval: 16.4-25.9 mbsf
Leg 184 Site 1144 Hole A Core 3H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
18
20
22
24
26
1
2
3
4
5
6
7
CC
IW
SS
IW
SS
PAL
CLAY WITH SILT
CLAY WITH SILT is dominant in this core. It contains quartz silt, with smaller amounts of nannofossils, radiolarians, foraminifers, spicules, and scaphopod fragments. Bioturbation has completely homogenized this core. There are many gas voids from Sections 1 to 5. In Sections 6, 7, and the Core Catcher, the sediment is quite soft.

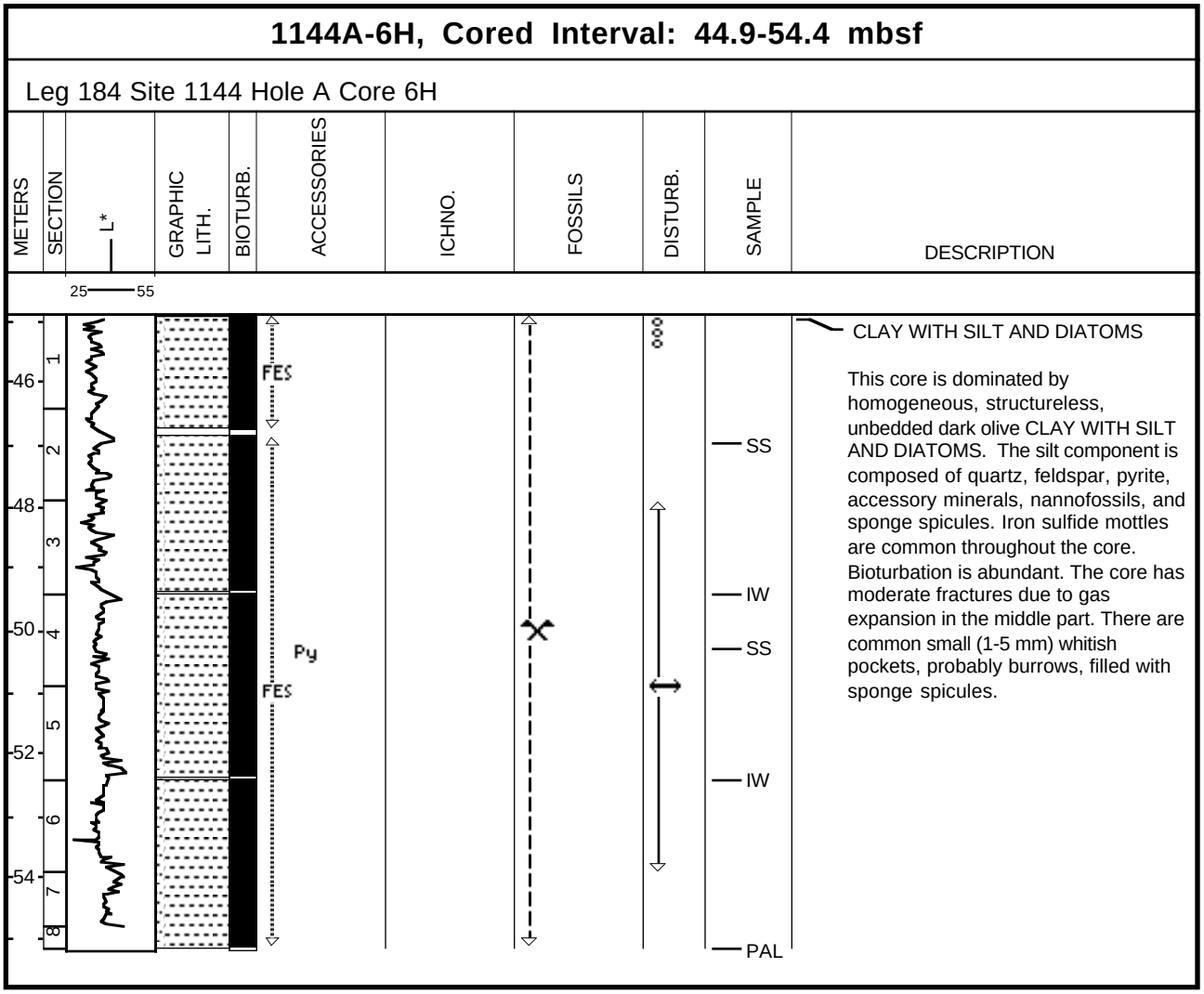
Core Photo


1144A-4H, Cored Interval: 25.9-35.4 mbsf
Leg 184 Site 1144 Hole A Core 4H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
28
30
32
34
36
1
2
3
4
5
6
7
CC
FES
Wd
SS
IW
IW
PAL
CLAY WITH SILT
This core is composed of dark olive gray CLAY WITH SILT, with silt sized quartz and calcite, nannofossils, and siliceous ooze. Foraminifers, scaphopods and small, white (2 - 5 mm) spicule-filled pockets are visible on the core surface. The core is affected by gas expansion in the form of cm scale voids. Iron sulfide mottles are found throughout the core. Bioturbation has completely homogenized this core. There is a silt layer in Section 5, 54 - 59 cm.

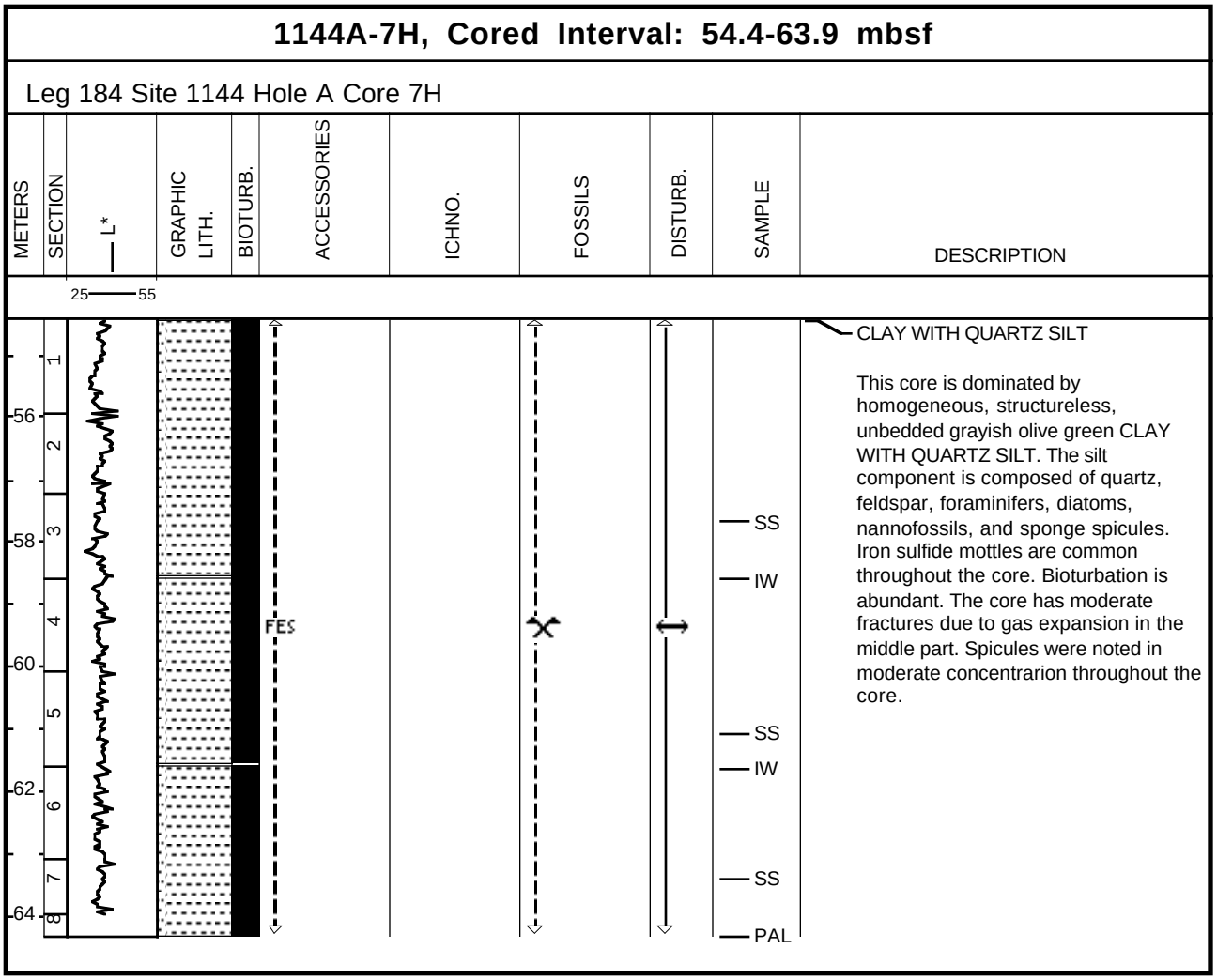
Core Photo


1144A-5H, Cored Interval: 35.4-44.9 mbsf
Leg 184 Site 1144 Hole A Core 5H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
36
38
40
42
44
1
2
3
4
5
6
7
FES
FES
SS
SS
SS
IW
SS
IW
PAL
CLAY WITH DIATOMS AND SILT
This core consists of dark olive CLAY WITH DIATOMS AND SILT. The silt is composed of quartz, feldspar, pyrite, accessory minerals, nannofossils, and sponge spicules. A 1.5 cm-thick VOLCANIC ASH layer (Section 3, 80.5-82 cm) and a small burrow filled with ash at Section 3, 83 cm were noted. Iron sulfide mottles are common throughout. Bioturbation is abundant. The core has moderate voids due to gas expansion.

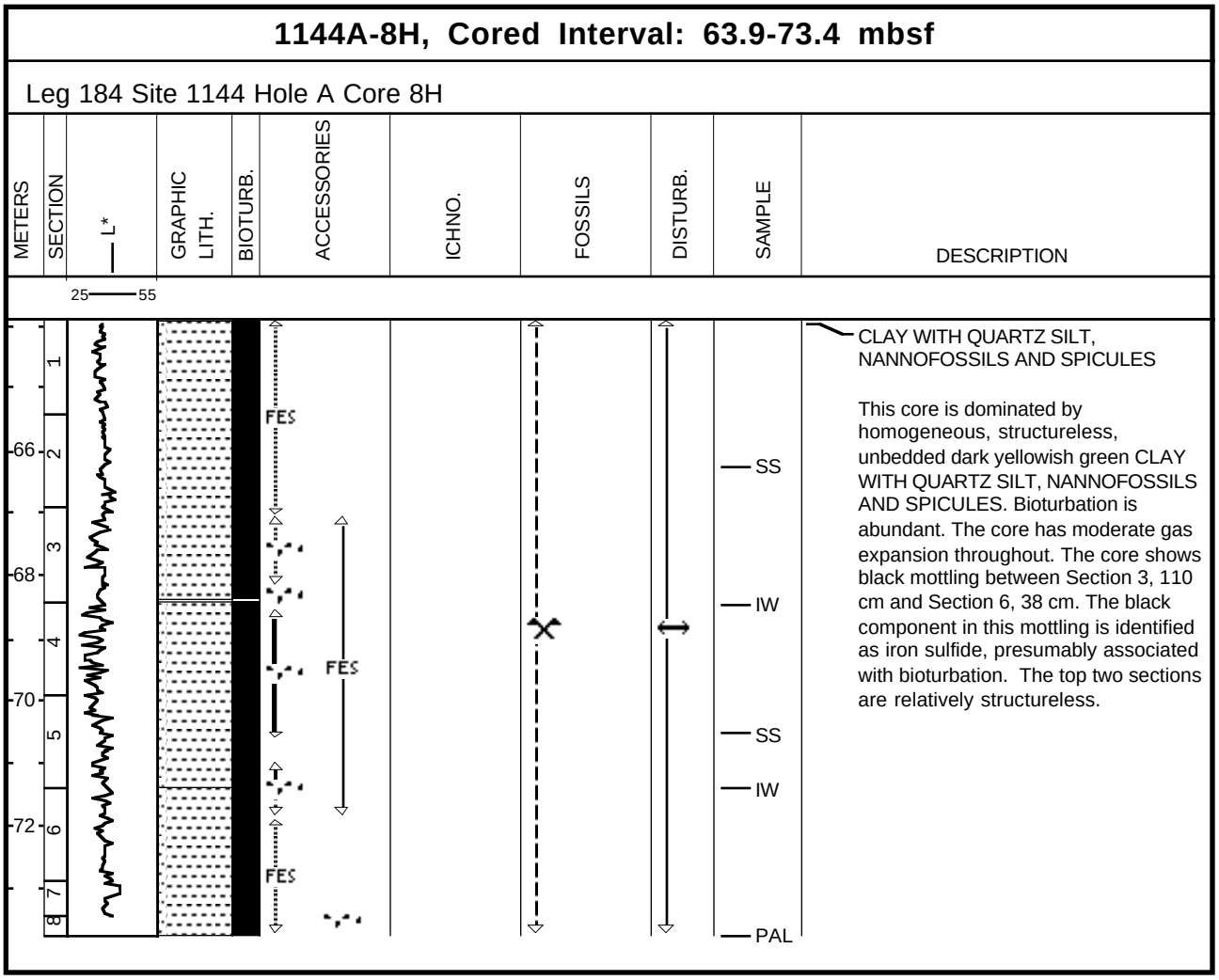
Core Photo


1144A-6H, Cored Interval: 44.9-54.4 mbsf
Leg 184 Site 1144 Hole A Core 6H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
46
48
50
52
54
1
2
3
4
5
6
7
8
FES
Py
FES
SS
IW
SS
IW
PAL
CLAY WITH SILT AND DIATOMS
This core is dominated by homogeneous, structureless, unbedded dark olive CLAY WITH SILT AND DIATOMS. The silt component is composed of quartz, feldspar, pyrite, accessory minerals, nannofossils, and sponge spicules. Iron sulfide mottles are common throughout the core. Bioturbation is abundant. The core has moderate fractures due to gas expansion in the middle part. There are common small (1-5 mm) whitish pockets, probably burrows, filled with sponge spicules.

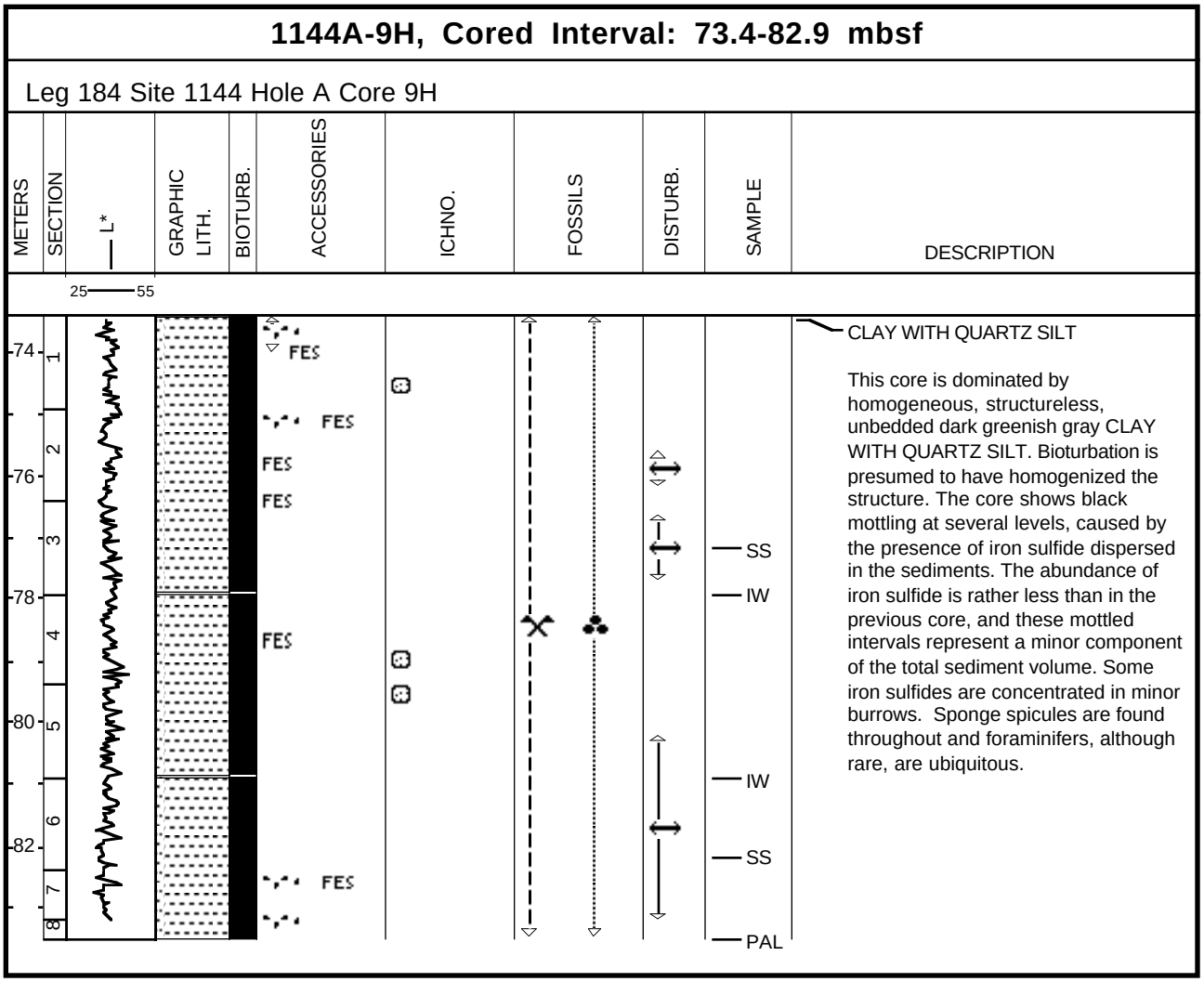
Core Photo


1144A-7H, Cored Interval: 54.4-63.9 mbsf
Leg 184 Site 1144 Hole A Core 7H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
56
58
60
62
64
1
2
3
4
5
6
7
8
FES
SS
IW
SS
IW
SS
PAL
CLAY WITH QUARTZ SILT
This core is dominated by homogeneous, structureless, unbedded grayish olive green CLAY WITH QUARTZ SILT. The silt component is composed of quartz, feldspar, foraminifers, diatoms, nannofossils, and sponge spicules. Iron sulfide mottles are common throughout the core. Bioturbation is abundant. The core has moderate fractures due to gas expansion in the middle part. Spicules were noted in moderate concentrarion throughout the core.

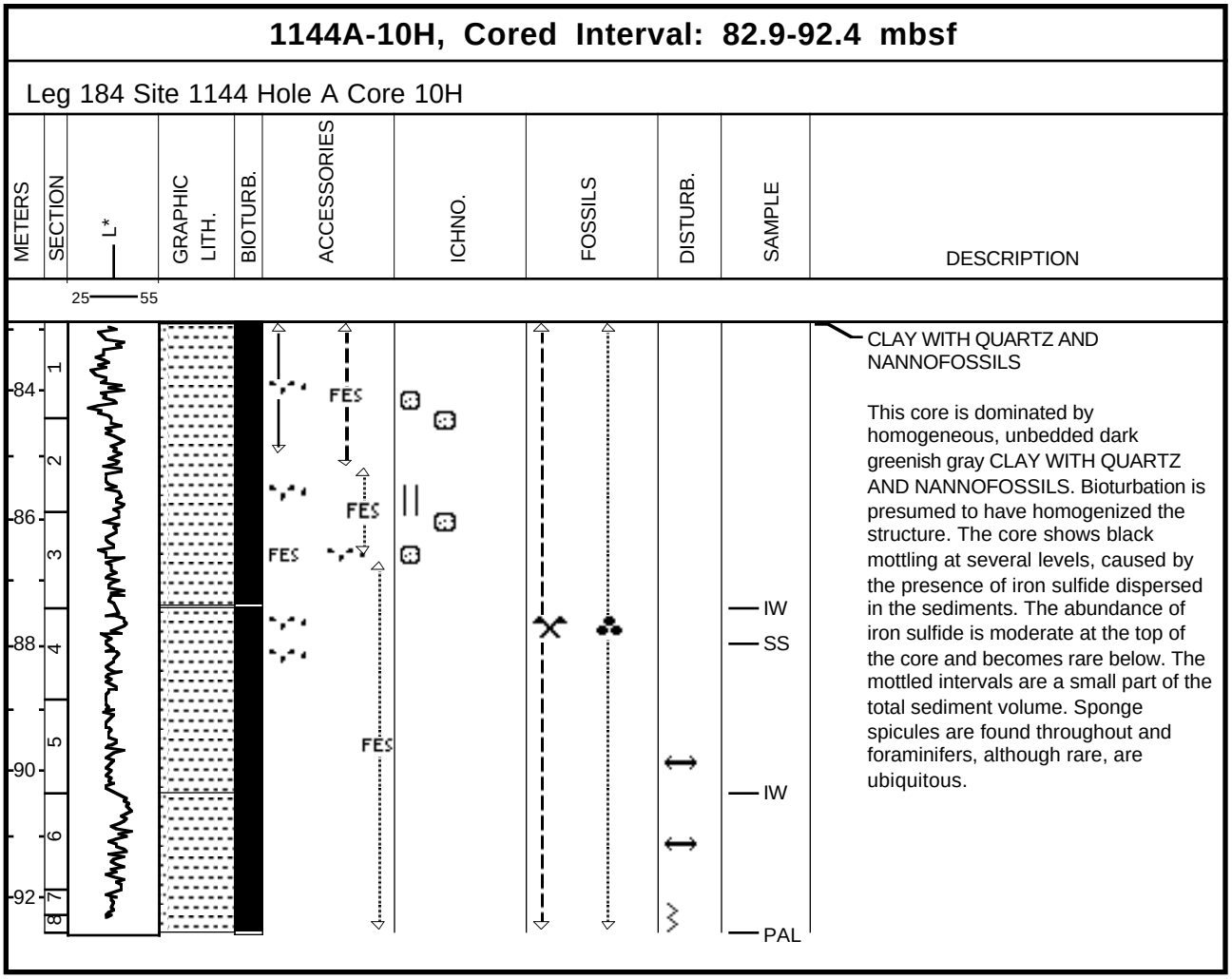
Core Photo


1144A-8H, Cored Interval: 63.9-73.4 mbsf
Leg 184 Site 1144 Hole A Core 8H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
66
68
70
72
1
2
3
4
5
6
7
8
FES
FES
FES
SS
IW
SS
IW
PAL
CLAY WITH QUARTZ SILT, NANNOFOSSILS AND SPICULES
This core is dominated by homogeneous, structureless, unbedded dark yellowish green CLAY WITH QUARTZ SILT, NANNOFOSSILS AND SPICULES. Bioturbation is abundant. The core has moderate gas expansion throughout. The core shows black mottling between Section 3, 110 cm and Section 6, 38 cm. The black component in this mottling is identified as iron sulfide, presumably associated with bioturbation. The top two sections are relatively structureless.

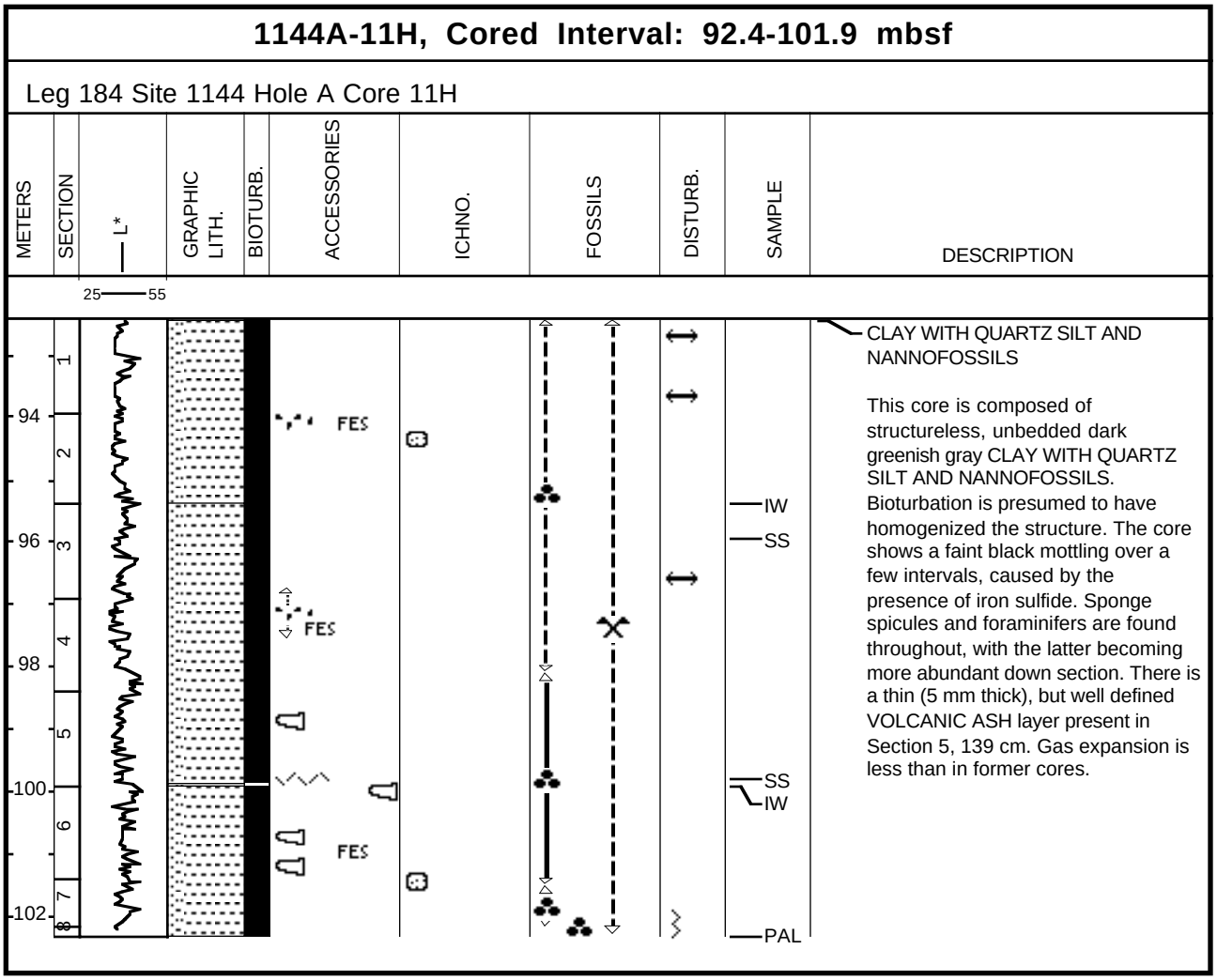
Core Photo


1144A-9H, Cored Interval: 73.4-82.9 mbsf
Leg 184 Site 1144 Hole A Core 9H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
74
76
78
80
82
1
2
3
4
5
6
7
8
FES
FES
FES
FES
FES
FES
SS
IW
IW
SS
PAL
CLAY WITH QUARTZ SILT
This core is dominated by homogeneous, structureless, unbedded dark greenish gray CLAY WITH QUARTZ SILT. Bioturbation is presumed to have homogenized the structure. The core shows black mottling at several levels, caused by the presence of iron sulfide dispersed in the sediments. The abundance of iron sulfide is rather less than in the previous core, and these mottled intervals represent a minor component of the total sediment volume. Some iron sulfides are concentrated in minor burrows. Sponge spicules are found throughout and foraminifers, although rare, are ubiquitous.

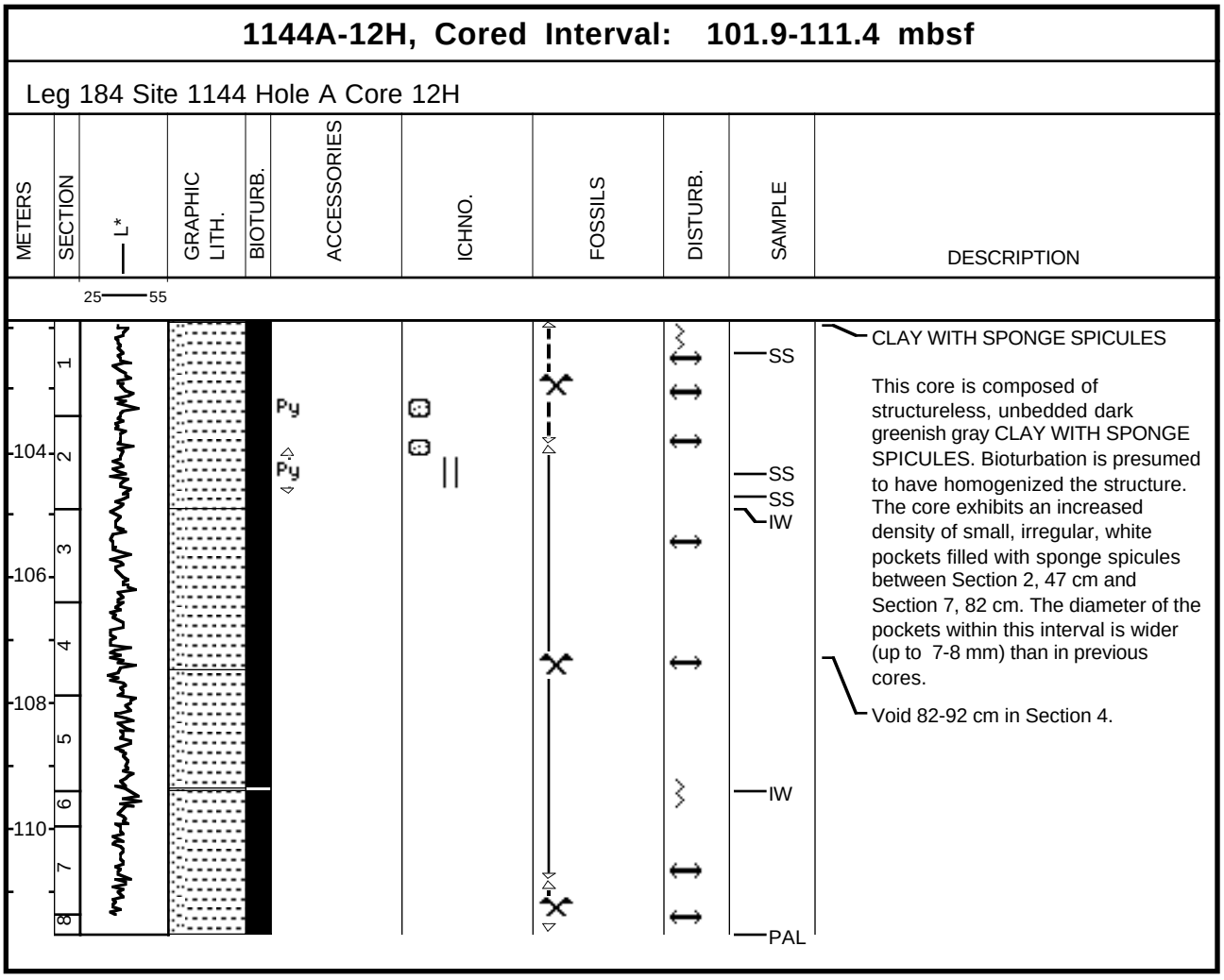
Core Photo


1144A-10H, Cored Interval: 82.9-92.4 mbsf
Leg 184 Site 1144 Hole A Core 10H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
84
86
88
90
92
1
2
3
4
5
6
7
8
FES
FES
FES
FES
IW
SS
IW
PAL
CLAY WITH QUARTZ AND NANNOFOSSILS
This core is dominated by homogeneous, unbedded dark greenish gray CLAY WITH QUARTZ AND NANNOFOSSILS. Bioturbation is presumed to have homogenized the structure. The core shows black mottling at several levels, caused by the presence of iron sulfide dispersed in the sediments. The abundance of iron sulfide is moderate at the top of the core and becomes rare below. The mottled intervals are a small part of the total sediment volume. Sponge spicules are found throughout and foraminifers, although rare, are ubiquitous.

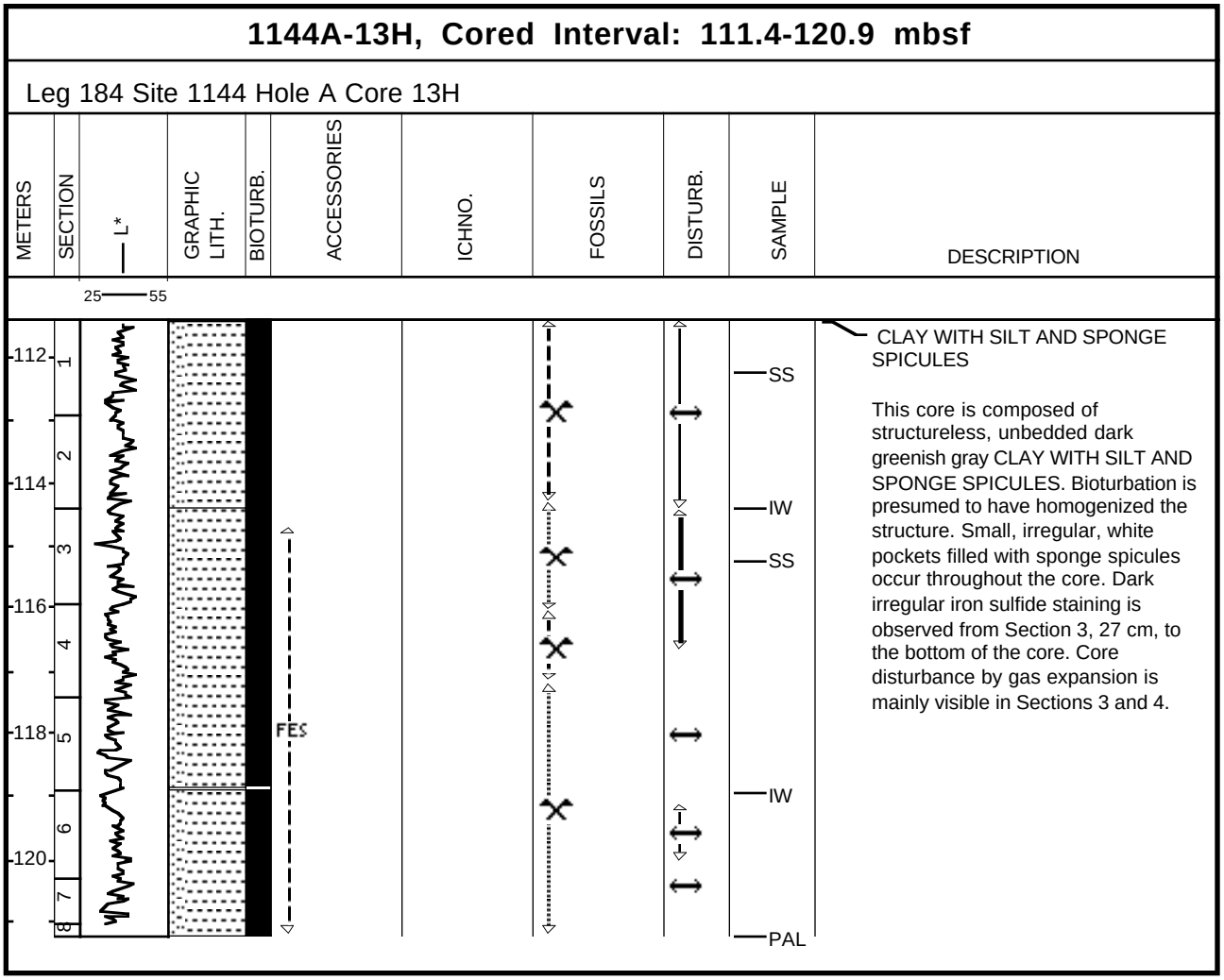
Core Photo


1144A-11H, Cored Interval: 92.4-101.9 mbsf
Leg 184 Site 1144 Hole A Core 11H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
94
96
98
100
102
1
2
3
4
5
6
7
8
FES
FES
FES
IW
SS
SS
IW
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
This core is composed of structureless, unbedded dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS. Bioturbation is presumed to have homogenized the structure. The core shows a faint black mottling over a few intervals, caused by the presence of iron sulfide. Sponge spicules and foraminifers are found throughout, with the latter becoming more abundant down section. There is a thin (5 mm thick), but well defined VOLCANIC ASH layer present in Section 5, 139 cm. Gas expansion is less than in former cores.

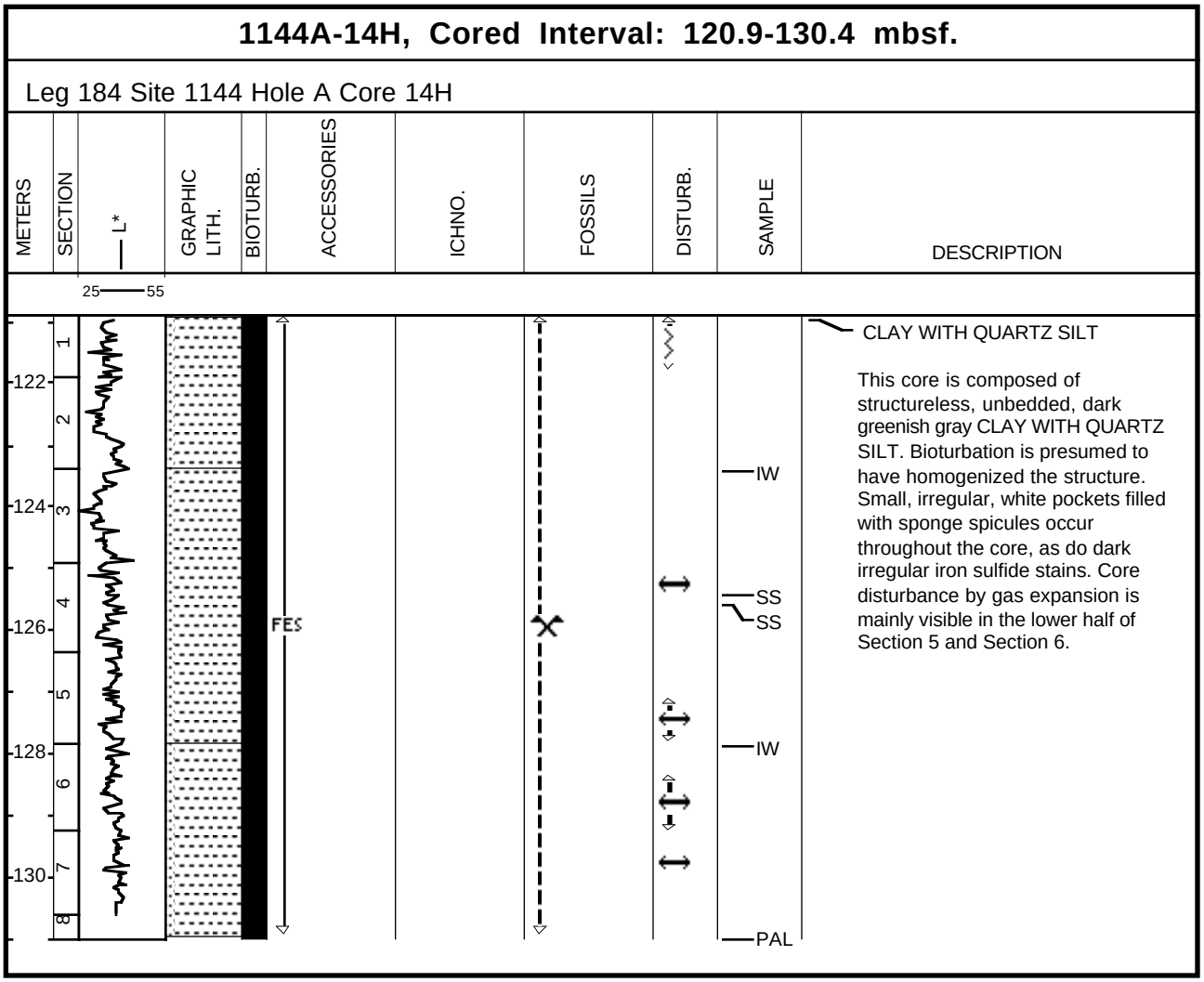
Core Photo


1144A-12H, Cored Interval: 101.9-111.4 mbsf
Leg 184 Site 1144 Hole A Core 12H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
104
106
108
110
1
2
3
4
5
6
7
8
Py
Py
SS
SS
SS
IW
IW
PAL
CLAY WITH SPONGE SPICULES
This core is composed of structureless, unbedded dark greenish gray CLAY WITH SPONGE SPICULES. Bioturbation is presumed to have homogenized the structure. The core exhibits an increased density of small, irregular, white pockets filled with sponge spicules between Section 2, 47 cm and Section 7, 82 cm. The diameter of the pockets within this interval is wider (up to 7-8 mm) than in previous cores.
Void 82-92 cm in Section 4.

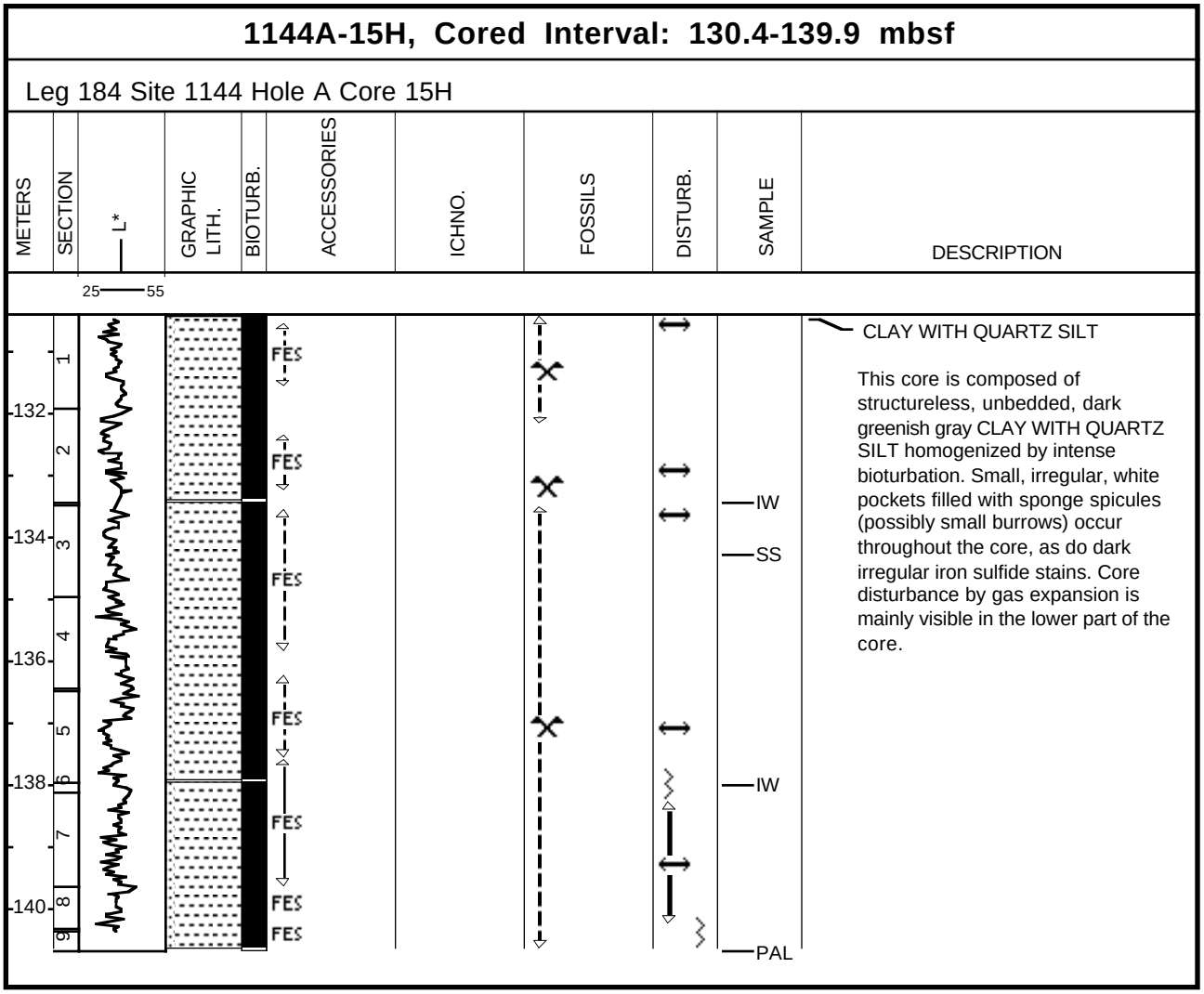
Core Photo


1144A-13H, Cored Interval: 111.4-120.9 mbsf
Leg 184 Site 1144 Hole A Core 13H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
112
114
116
118
120
1
2
3
4
5
6
7
8
FES
SS
IW
SS
IW
PAL
CLAY WITH SILT AND SPONGE SPICULES
This core is composed of structureless, unbedded dark greenish gray CLAY WITH SILT AND SPONGE SPICULES. Bioturbation is presumed to have homogenized the structure. Small, irregular, white pockets filled with sponge spicules occur throughout the core. Dark irregular iron sulfide staining is observed from Section 3, 27 cm, to the bottom of the core. Core disturbance by gas expansion is mainly visible in Sections 3 and 4.

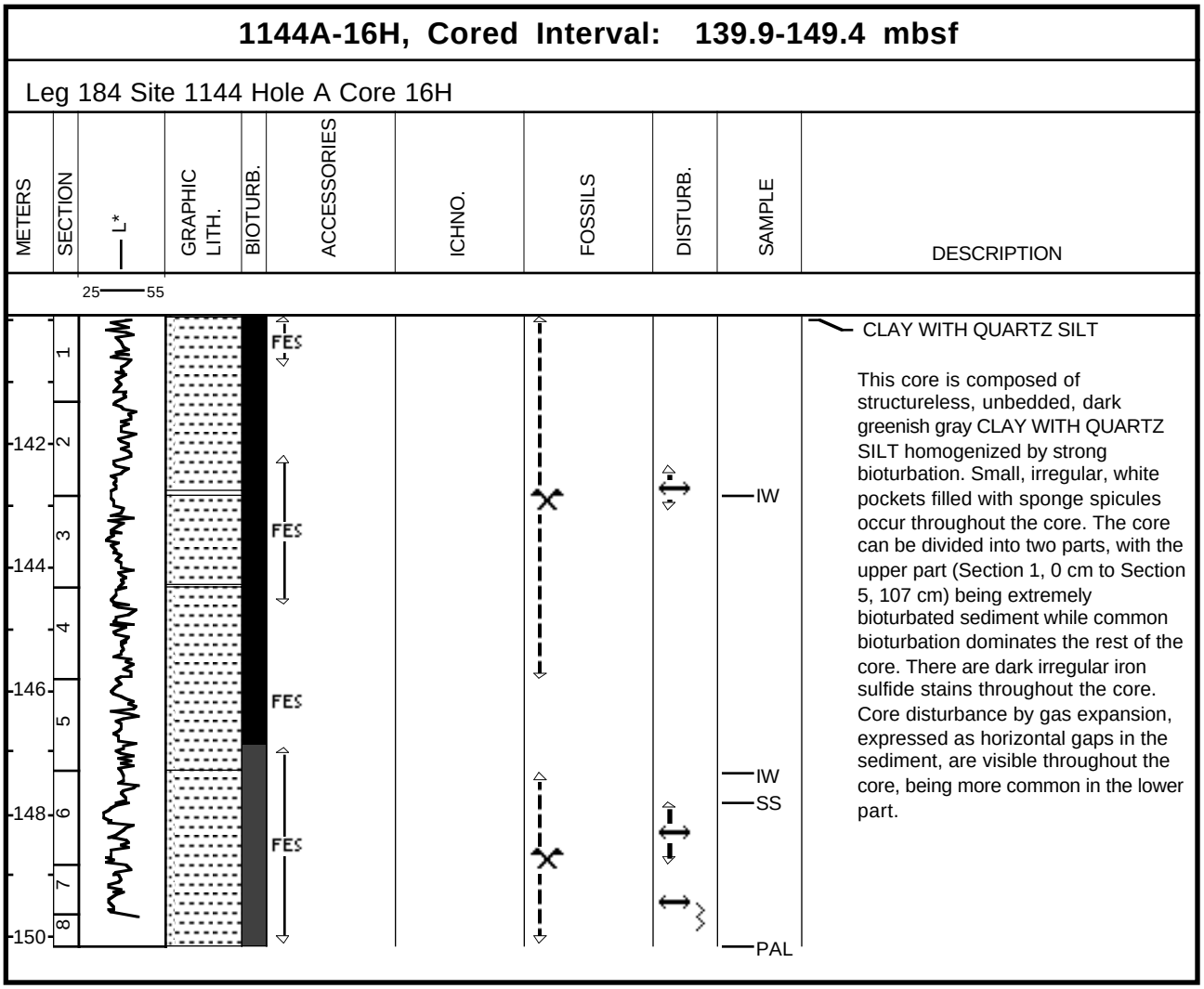
Core Photo


1144A-14H, Cored Interval: 120.9-130.4 mbsf.
Leg 184 Site 1144 Hole A Core 14H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
122
124
126
128
130
1
2
3
4
5
6
7
8
FES
IW
SS
SS
IW
PAL
CLAY WITH QUARTZ SILT
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT. Bioturbation is presumed to have homogenized the structure. Small, irregular, white pockets filled with sponge spicules occur throughout the core, as do dark irregular iron sulfide stains. Core disturbance by gas expansion is mainly visible in the lower half of Section 5 and Section 6.

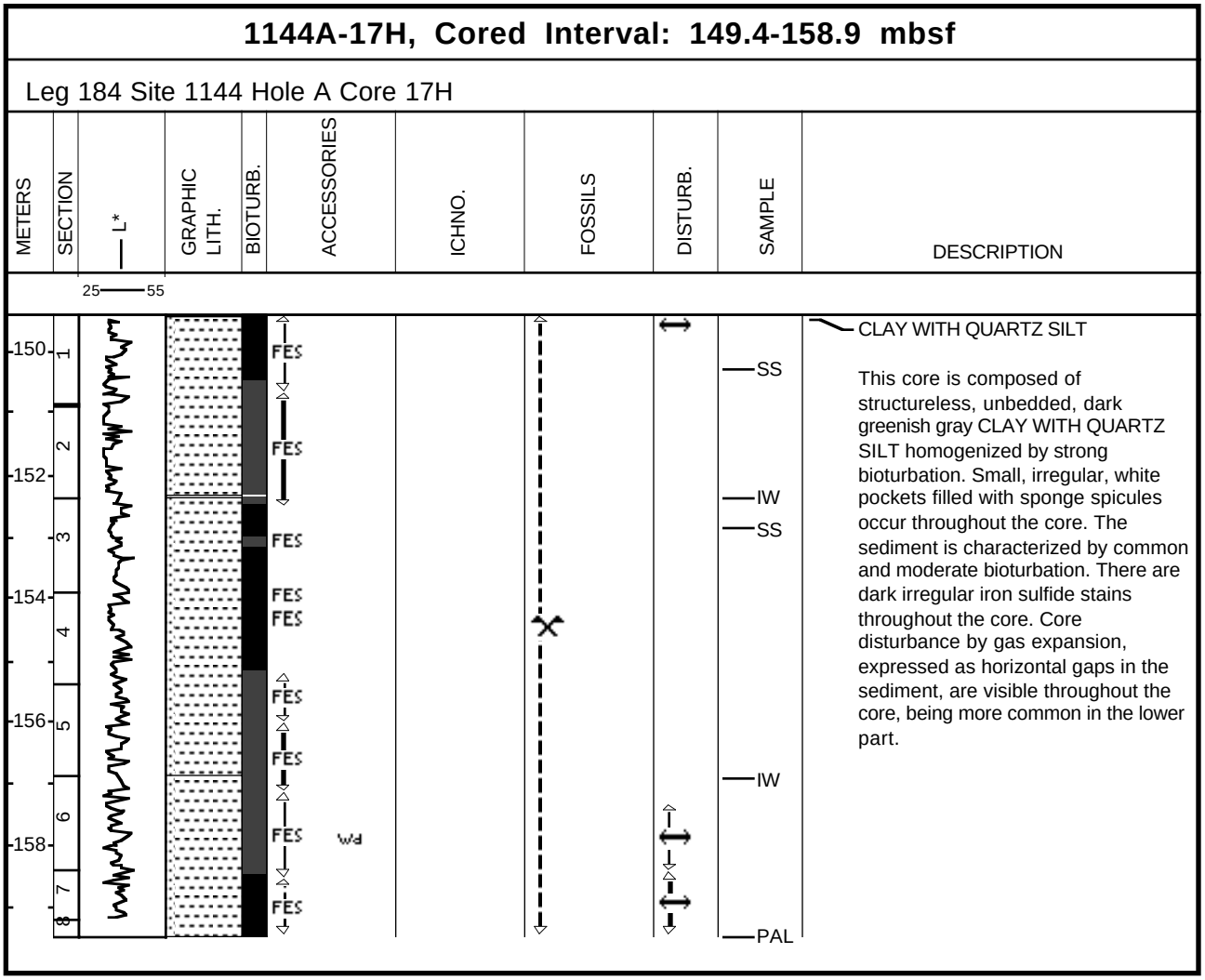
Core Photo


1144A-15H, Cored Interval: 130.4-139.9 mbsf
Leg 184 Site 1144 Hole A Core 15H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
132
134
136
138
140
1
2
3
4
5
6
7
8
9
FES
IW
SS
IW
PAL
CLAY WITH QUARTZ SILT
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT homogenized by intense bioturbation. Small, irregular, white pockets filled with sponge spicules (possibly small burrows) occur throughout the core, as do dark irregular iron sulfide stains. Core disturbance by gas expansion is mainly visible in the lower part of the core.

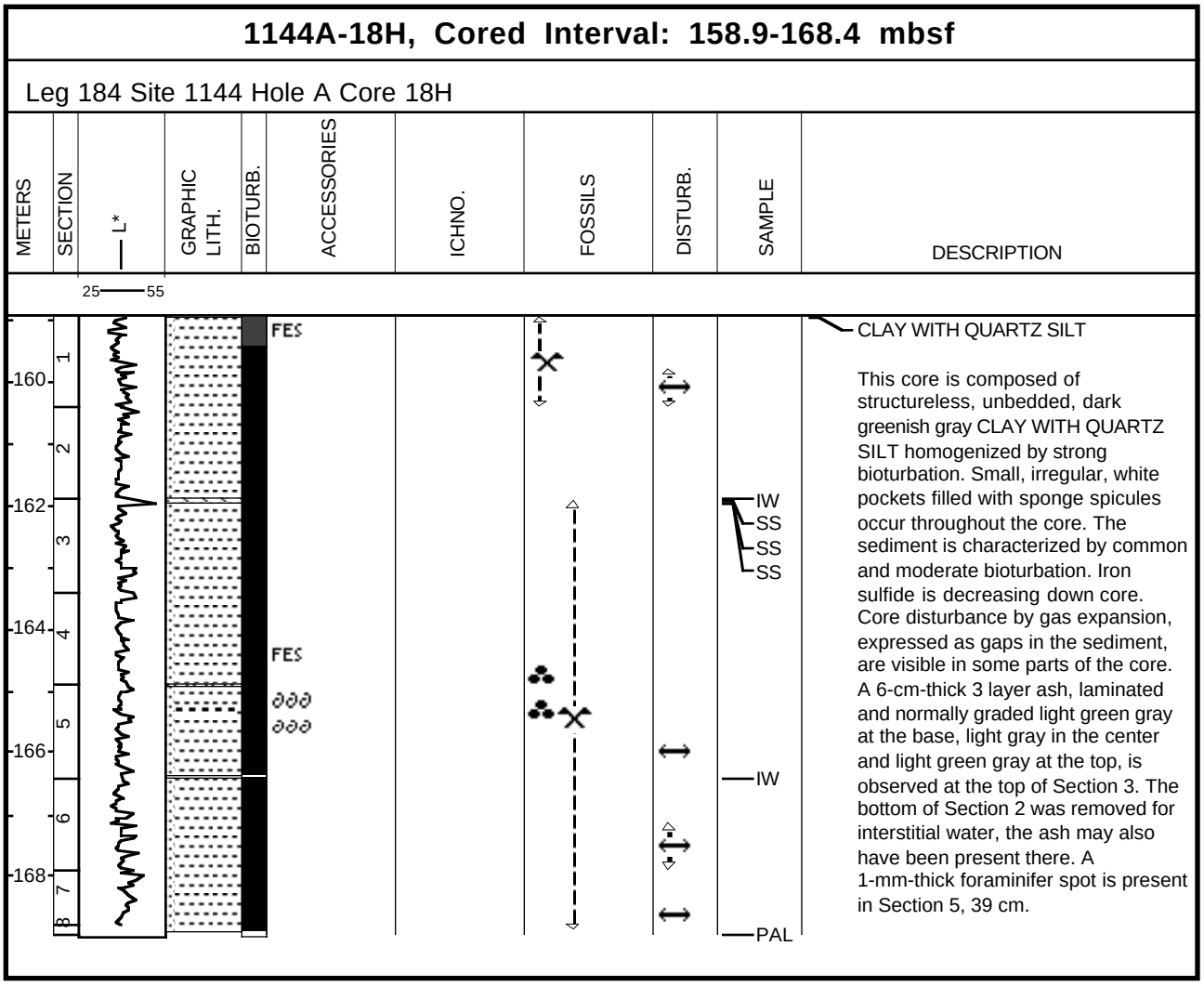
Core Photo


1144A-16H, Cored Interval: 139.9-149.4 mbsf
Leg 184 Site 1144 Hole A Core 16H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
142
144
146
148
150
1
2
3
4
5
6
7
8
FES
FES
FES
FES
IW
IW
SS
PAL
CLAY WITH QUARTZ SILT
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT homogenized by strong bioturbation. Small, irregular, white pockets filled with sponge spicules occur throughout the core. The core can be divided into two parts, with the upper part (Section 1, 0 cm to Section 5, 107 cm) being extremely bioturbated sediment while common bioturbation dominates the rest of the core. There are dark irregular iron sulfide stains throughout the core. Core disturbance by gas expansion, expressed as horizontal gaps in the sediment, are visible throughout the core, being more common in the lower part.

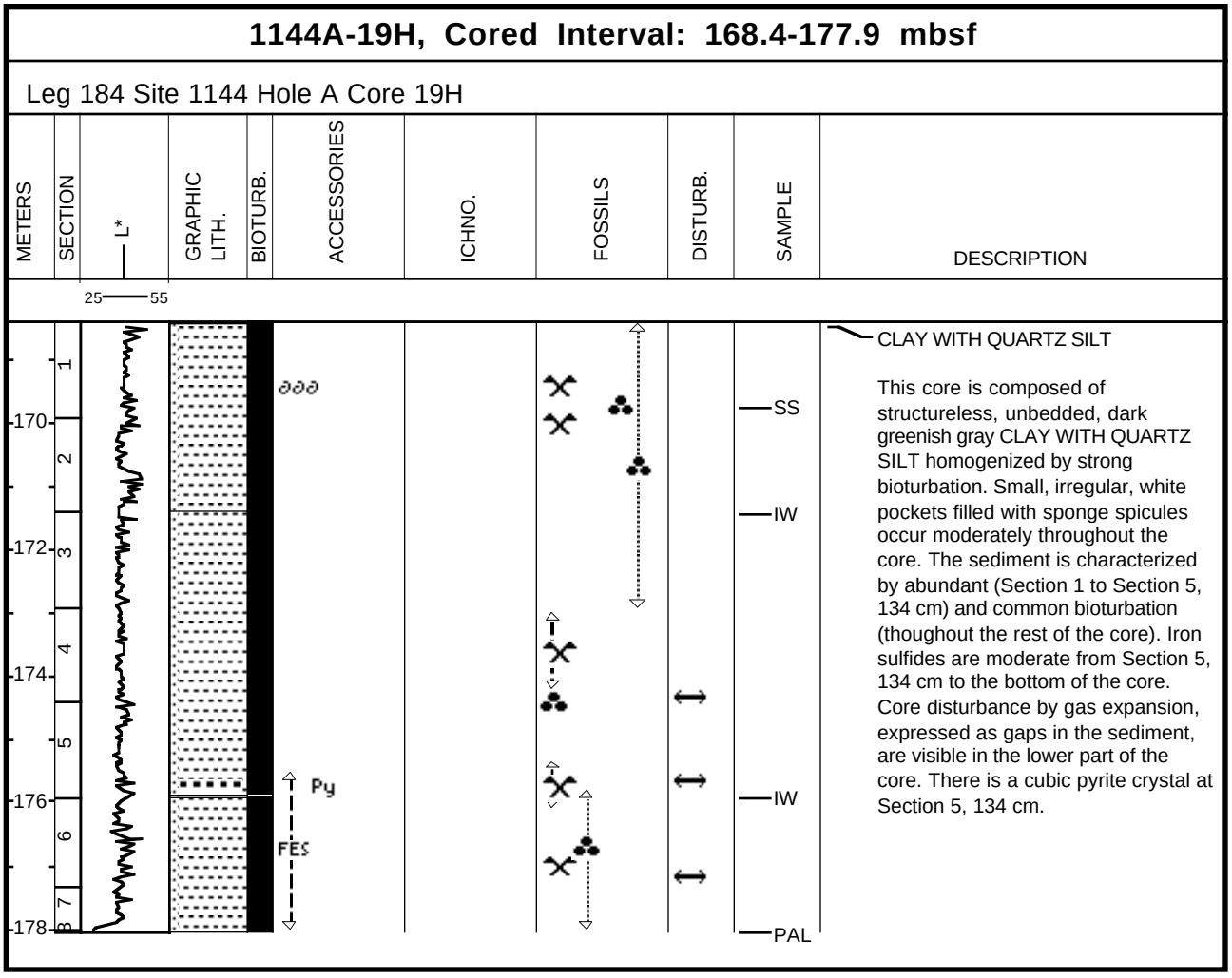
Core Photo


1144A-17H, Cored Interval: 149.4-158.9 mbsf
Leg 184 Site 1144 Hole A Core 17H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
150
152
154
156
158
1
2
3
4
5
6
7
FES
PY
SS
IW
SS
IW
PAL
CLAY WITH QUARTZ SILT
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT homogenized by strong bioturbation. Small, irregular, white pockets filled with sponge spicules occur throughout the core. The sediment is characterized by common and moderate bioturbation. There are dark irregular iron sulfide stains throughout the core. Core disturbance by gas expansion, expressed as horizontal gaps in the sediment, are visible throughout the core, being more common in the lower part.

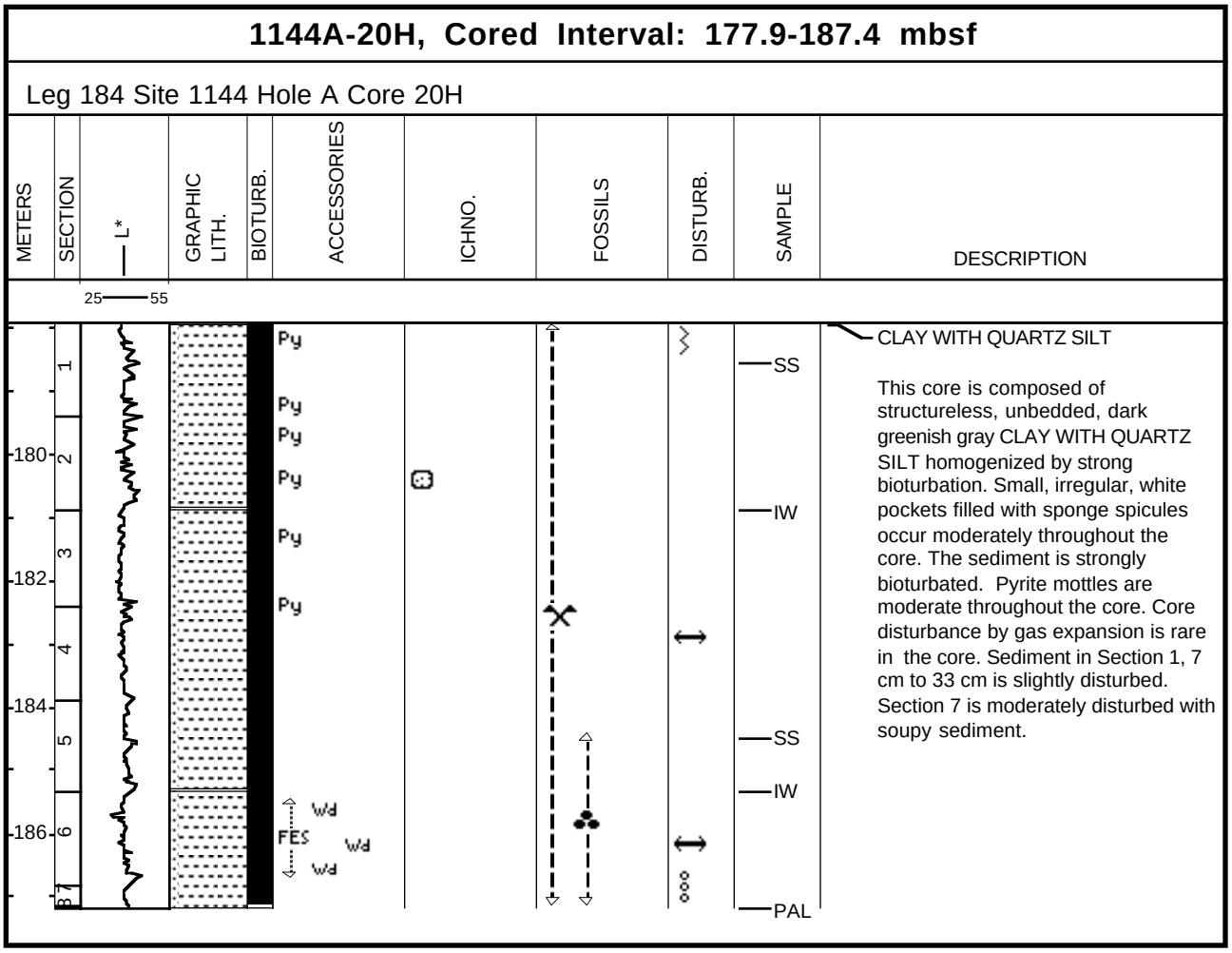
Core Photo


1144A-18H, Cored Interval: 158.9-168.4 mbsf
Leg 184 Site 1144 Hole A Core 18H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
160
162
164
166
168
1
2
3
4
5
6
7
CC
FES
FES
IW
SS
SS
SS
IW
PAL
CLAY WITH QUARTZ SILT
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT homogenized by strong bioturbation. Small, irregular, white pockets filled with sponge spicules occur throughout the core. The sediment is characterized by common and moderate bioturbation. Iron sulfide is decreasing down core. Core disturbance by gas expansion, expressed as gaps in the sediment, are visible in some parts of the core. A 6-cm-thick 3 layer ash, laminated and normally graded light green gray at the base, light gray in the center and light green gray at the top, is observed at the top of Section 3. The bottom of Section 2 was removed for interstitial water, the ash may also have been present there. A 1-mm-thick foraminifer spot is present in Section 5, 39 cm.

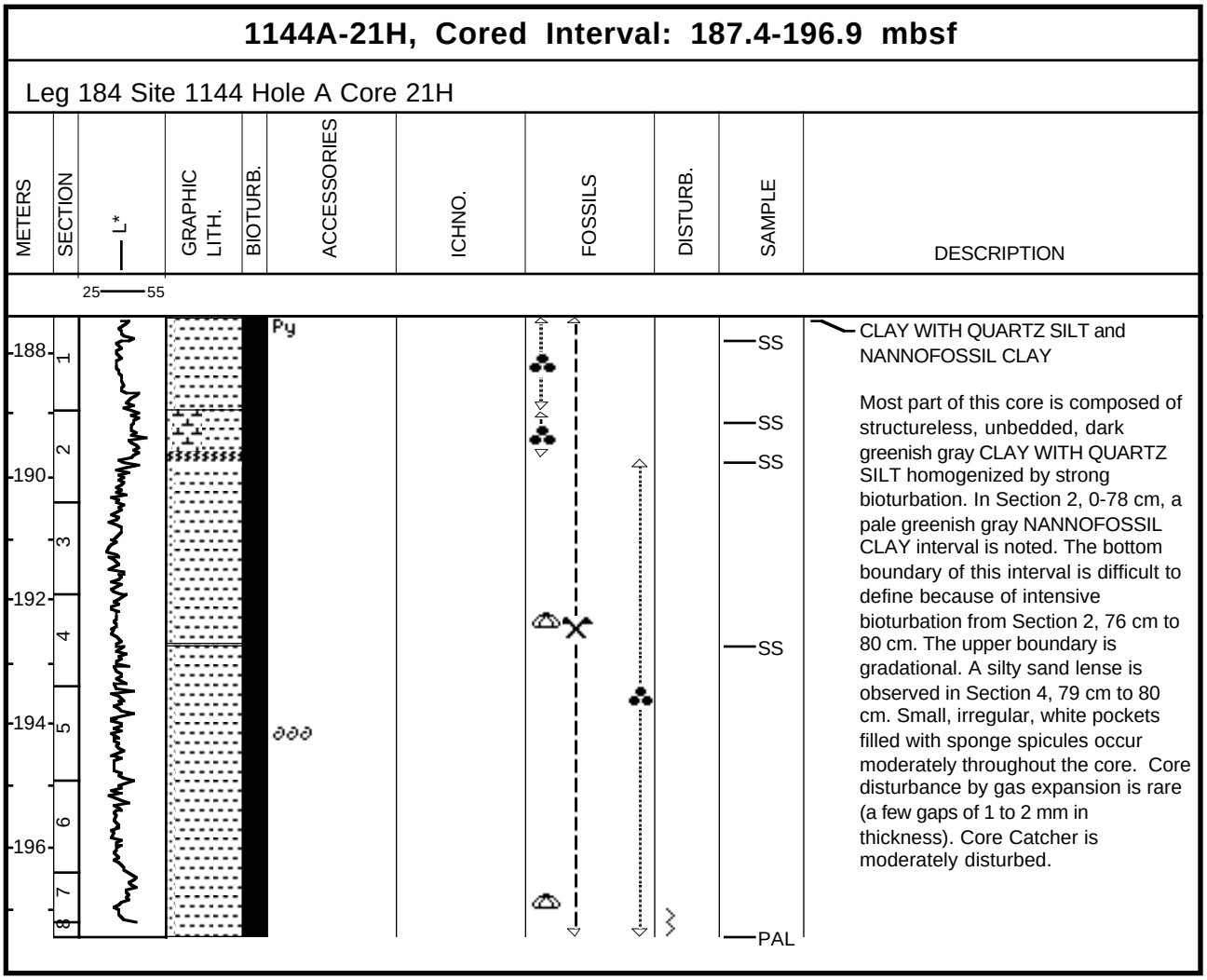
Core Photo


1144A-19H, Cored Interval: 168.4-177.9 mbsf
Leg 184 Site 1144 Hole A Core 19H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
170
172
174
176
178
1
2
3
4
5
6
7
Py
FES
SS
IW
IW
PAL
CLAY WITH QUARTZ SILT
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT homogenized by strong bioturbation. Small, irregular, white pockets filled with sponge spicules occur moderately throughout the core. The sediment is characterized by abundant (Section 1 to Section 5, 134 cm) and common bioturbation (thoughout the rest of the core). Iron sulfides are moderate from Section 5, 134 cm to the bottom of the core. Core disturbance by gas expansion, expressed as gaps in the sediment, are visible in the lower part of the core. There is a cubic pyrite crystal at Section 5, 134 cm.

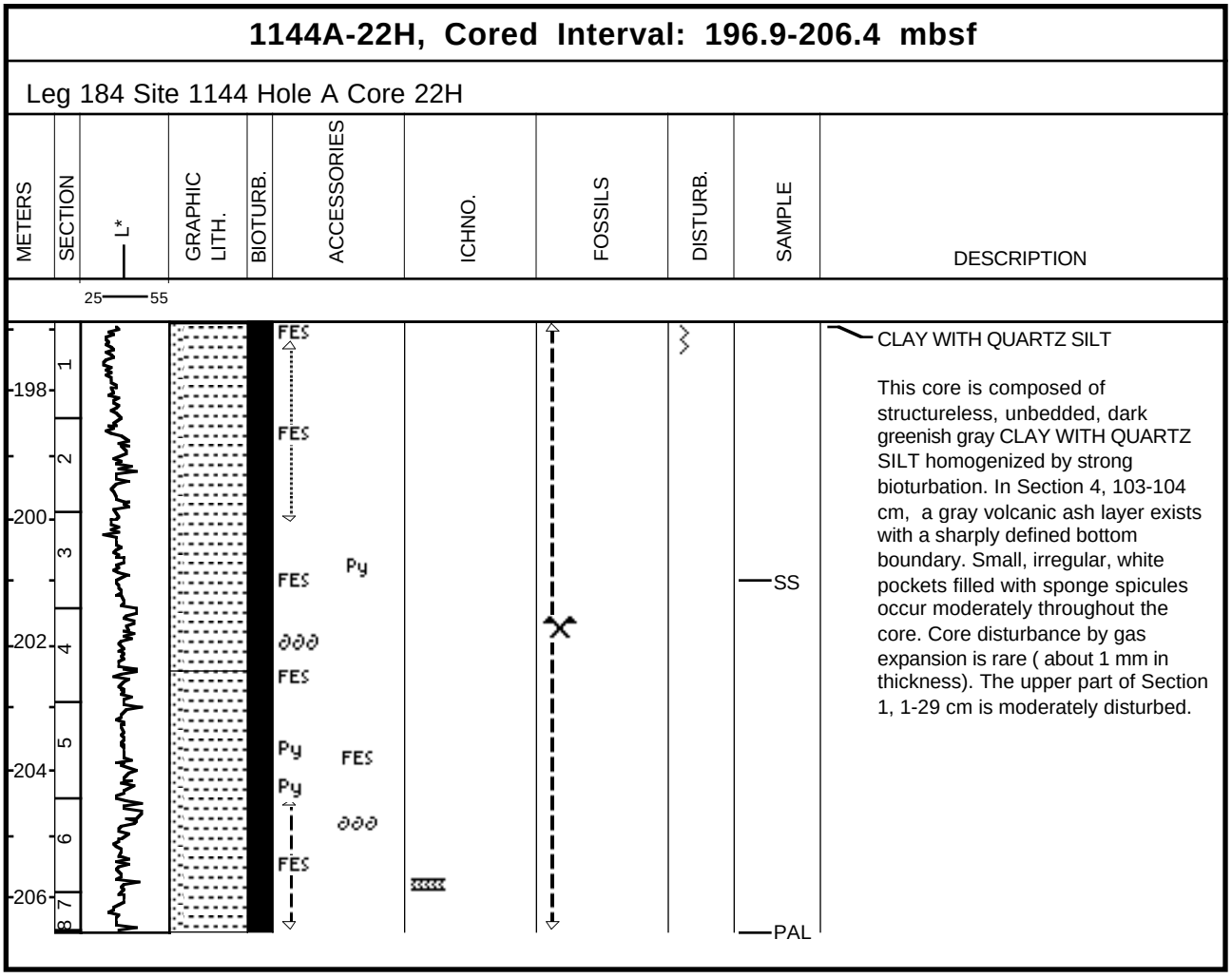
Core Photo


1144A-20H, Cored Interval: 177.9-187.4 mbsf
Leg 184 Site 1144 Hole A Core 20H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
180
182
184
186
1
2
3
4
5
6
CC
Py
Wd
FES
SS
IW
PAL
CLAY WITH QUARTZ SILT
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT homogenized by strong bioturbation. Small, irregular, white pockets filled with sponge spicules occur moderately throughout the core. The sediment is strongly bioturbated. Pyrite mottles are moderate throughout the core. Core disturbance by gas expansion is rare in the core. Sediment in Section 1, 7 cm to 33 cm is slightly disturbed. Section 7 is moderately disturbed with soupy sediment.

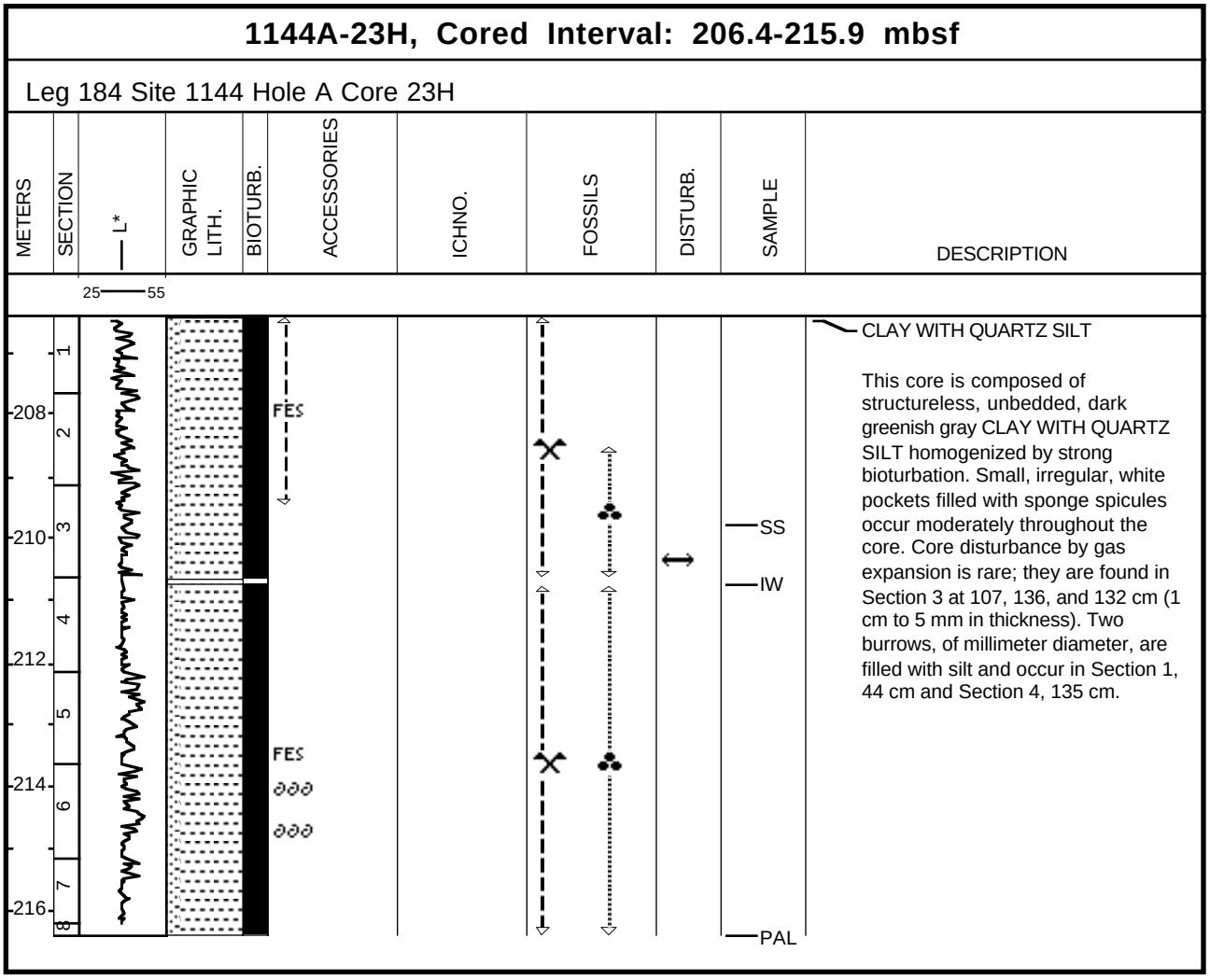
Core Photo


1144A-21H, Cored Interval: 187.4-196.9 mbsf
Leg 184 Site 1144 Hole A Core 21H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
188
190
192
194
196
1
2
3
4
5
6
7
Py
SS
SS
SS
SS
PAL
CLAY WITH QUARTZ SILT and NANNOFOSSIL CLAY
Most part of this core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT homogenized by strong bioturbation. In Section 2, 0-78 cm, a pale greenish gray NANNOFOSSIL CLAY interval is noted. The bottom boundary of this interval is difficult to define because of intensive bioturbation from Section 2, 76 cm to 80 cm. The upper boundary is gradational. A silty sand lense is observed in Section 4, 79 cm to 80 cm. Small, irregular, white pockets filled with sponge spicules occur moderately throughout the core. Core disturbance by gas expansion is rare (a few gaps of 1 to 2 mm in thickness). Core Catcher is moderately disturbed.

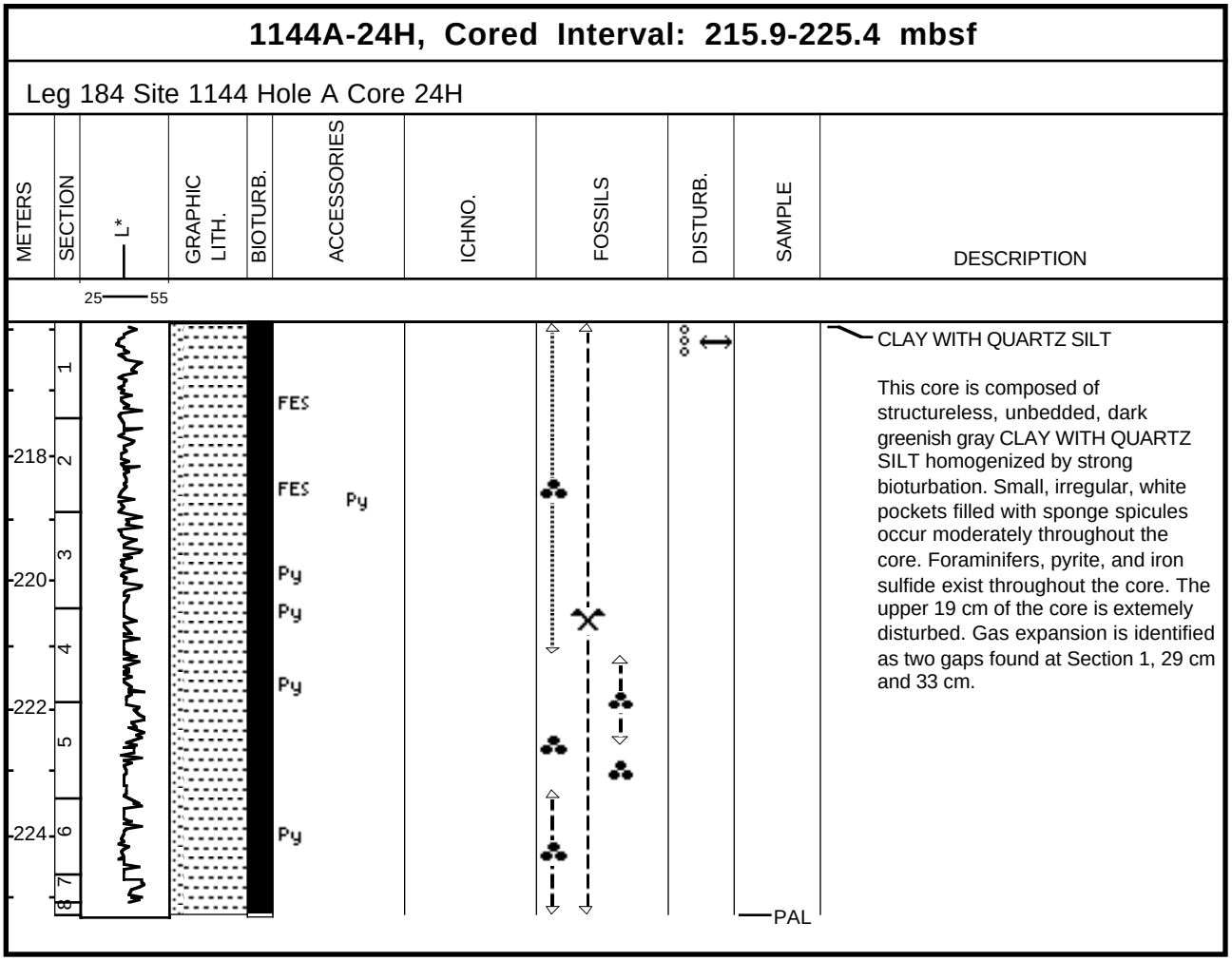
Core Photo


1144A-22H, Cored Interval: 196.9-206.4 mbsf
Leg 184 Site 1144 Hole A Core 22H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
198
200
202
204
206
1
2
3
4
5
6
7
CC
FES
Py
SS
PAL
CLAY WITH QUARTZ SILT
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT homogenized by strong bioturbation. In Section 4, 103-104 cm, a gray volcanic ash layer exists with a sharply defined bottom boundary. Small, irregular, white pockets filled with sponge spicules occur moderately throughout the core. Core disturbance by gas expansion is rare (about 1 mm in thickness). The upper part of Section 1, 1-29 cm is moderately disturbed.

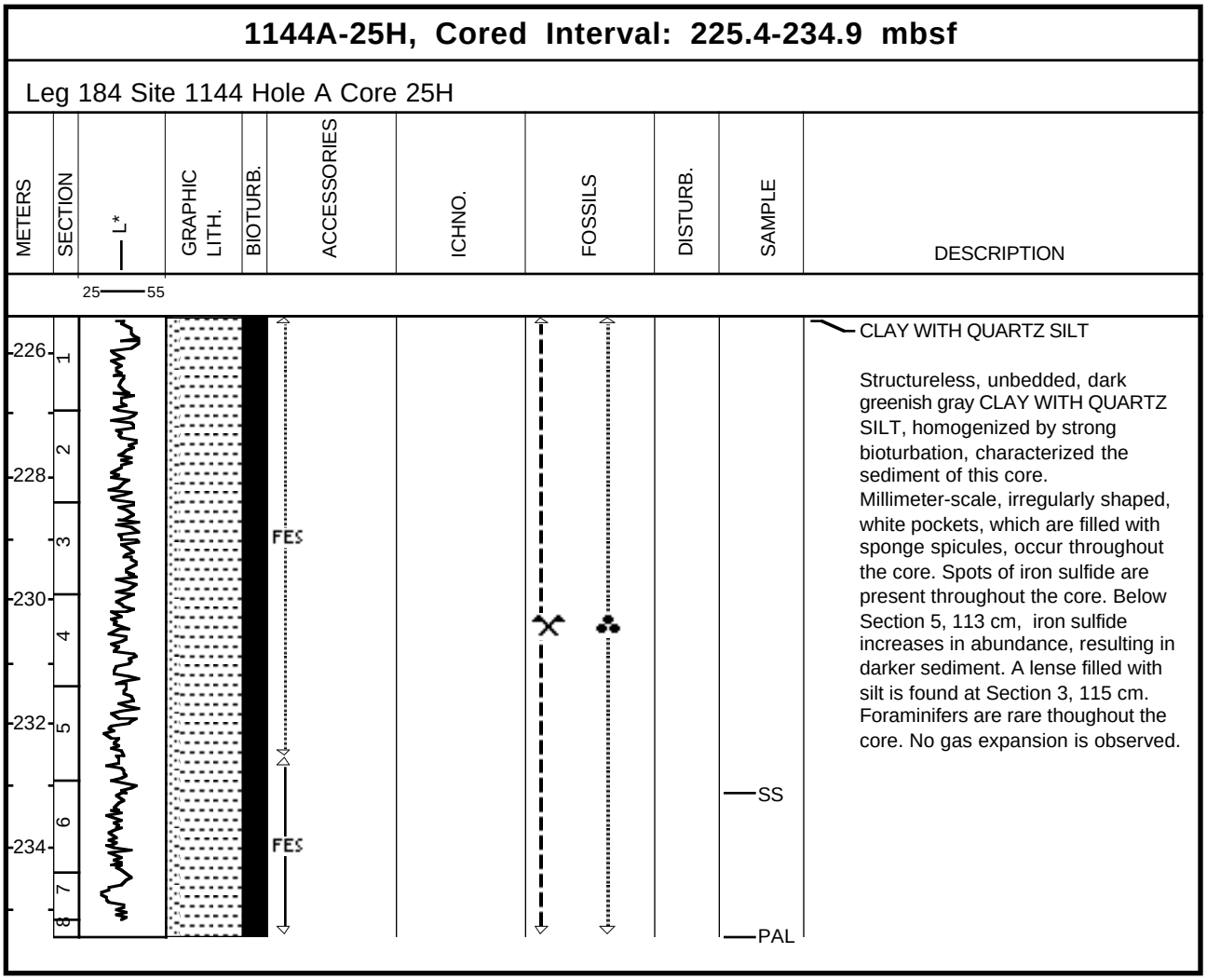
Core Photo


1144A-23H, Cored Interval: 206.4-215.9 mbsf
Leg 184 Site 1144 Hole A Core 23H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
208
210
212
214
216
1
2
3
4
5
6
7
8
FES
FES
SS
IW
PAL
CLAY WITH QUARTZ SILT
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT homogenized by strong bioturbation. Small, irregular, white pockets filled with sponge spicules occur moderately throughout the core. Core disturbance by gas expansion is rare; they are found in Section 3 at 107, 136, and 132 cm (1 cm to 5 mm in thickness). Two burrows, of millimeter diameter, are filled with silt and occur in Section 1, 44 cm and Section 4, 135 cm.

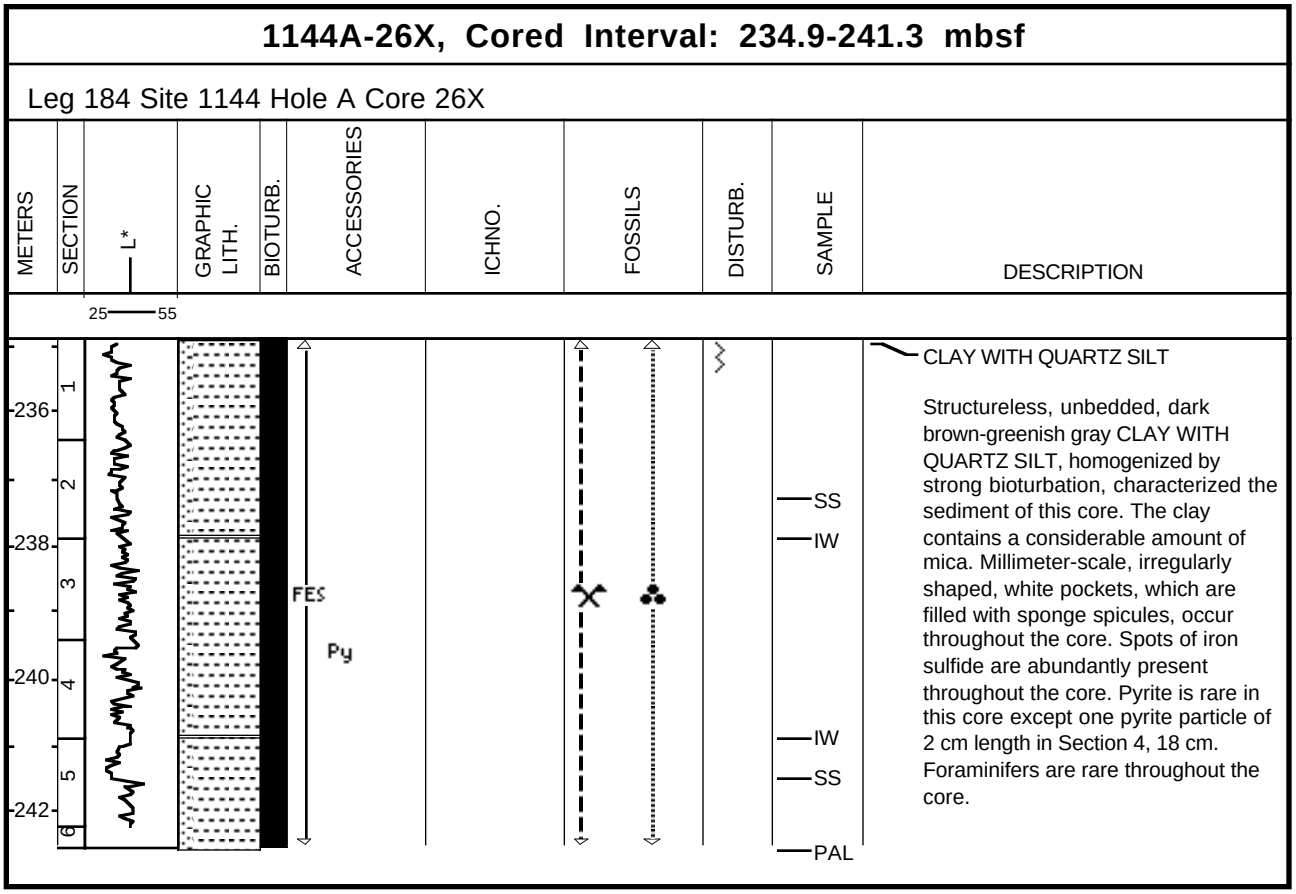
Core Photo


1144A-24H, Cored Interval: 215.9-225.4 mbsf
Leg 184 Site 1144 Hole A Core 24H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
218
220
222
224
1
2
3
4
5
6
7
CC
FES
FES
Py
Py
Py
Py
Py
PAL
CLAY WITH QUARTZ SILT
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT homogenized by strong bioturbation. Small, irregular, white pockets filled with sponge spicules occur moderately throughout the core. Foraminifers, pyrite, and iron sulfide exist throughout the core. The upper 19 cm of the core is extemely disturbed. Gas expansion is identified as two gaps found at Section 1, 29 cm and 33 cm.

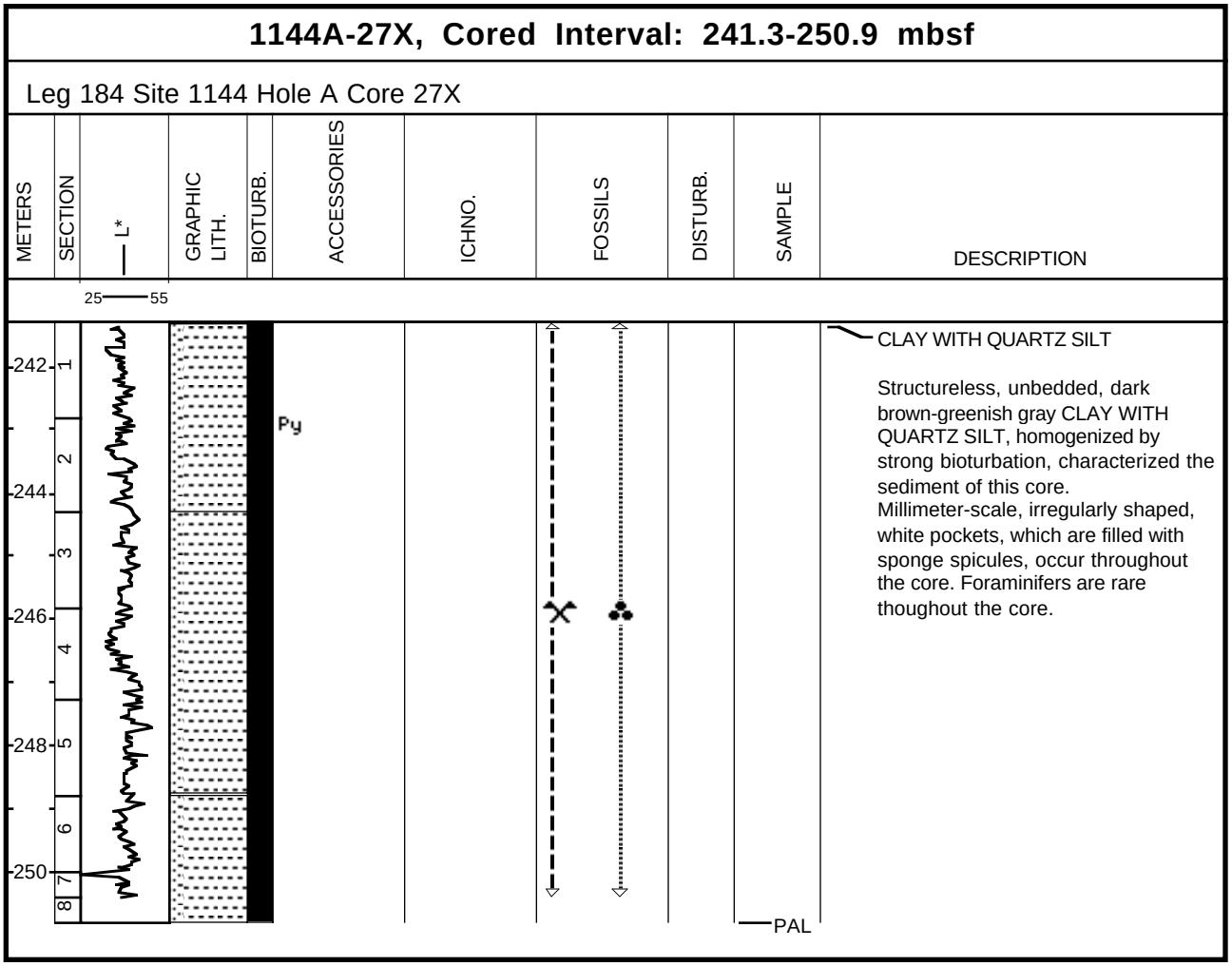
Core Photo


1144A-25H, Cored Interval: 225.4-234.9 mbsf
Leg 184 Site 1144 Hole A Core 25H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
226
228
230
232
234
1
2
3
4
5
6
7
8
FES
FES
SS
PAL
CLAY WITH QUARTZ SILT
Structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT, homogenized by strong bioturbation, characterized the sediment of this core. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, occur throughout the core. Spots of iron sulfide are present throughout the core. Below Section 5, 113 cm, iron sulfide increases in abundance, resulting in darker sediment. A lense filled with silt is found at Section 3, 115 cm. Foraminifers are rare thoughout the core. No gas expansion is observed.

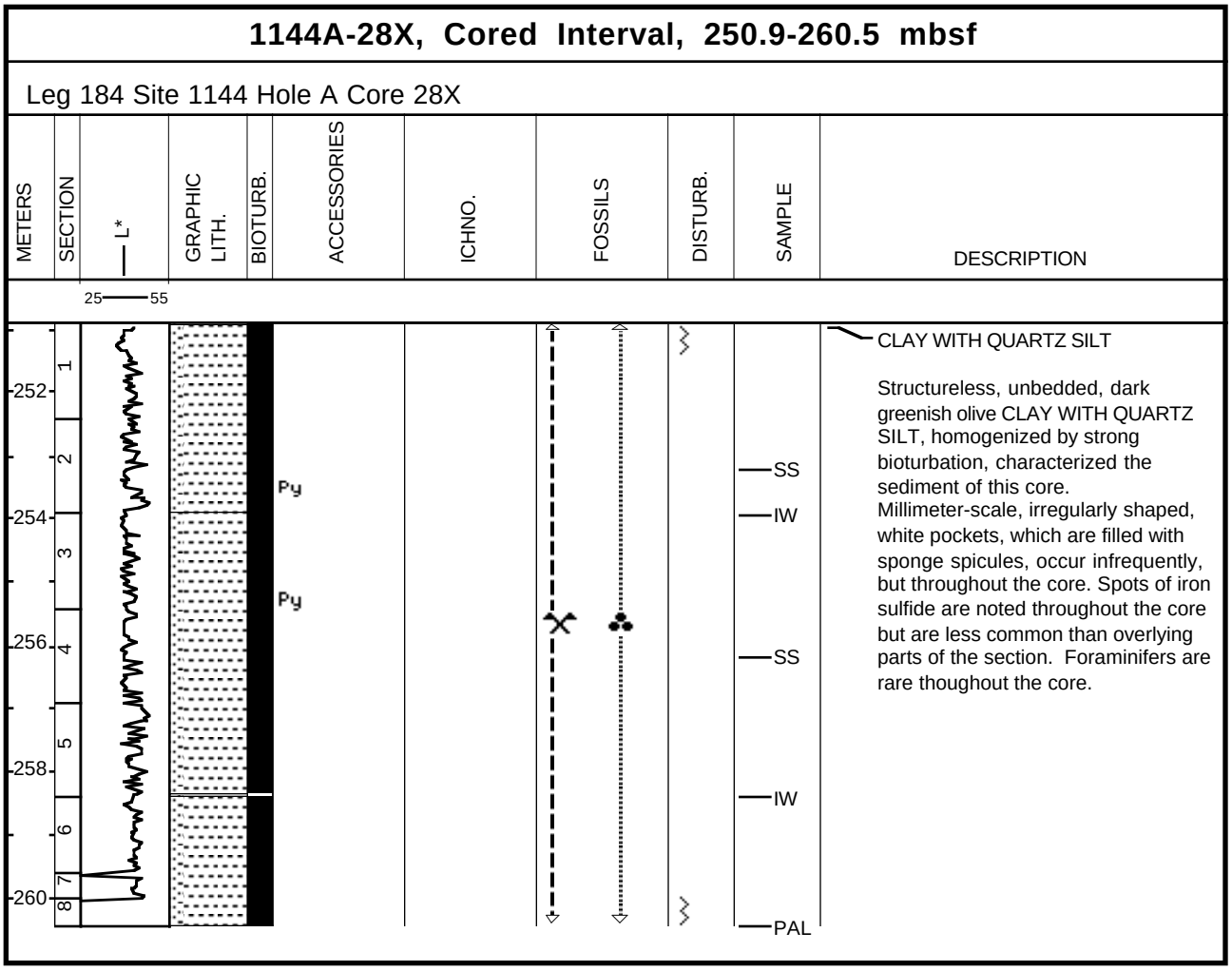
Core Photo


1144A-26X, Cored Interval: 234.9-241.3 mbsf
Leg 184 Site 1144 Hole A Core 26X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
236
238
240
242
1
2
3
4
5
6
FES
Py
SS
IW
IW
SS
PAL
CLAY WITH QUARTZ SILT
Structureless, unbedded, dark brown-greenish gray CLAY WITH QUARTZ SILT, homogenized by strong bioturbation, characterized the sediment of this core. The clay contains a considerable amount of mica. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, occur throughout the core. Spots of iron sulfide are abundantly present throughout the core. Pyrite is rare in this core except one pyrite particle of 2 cm length in Section 4, 18 cm. Foraminifers are rare throughout the core.

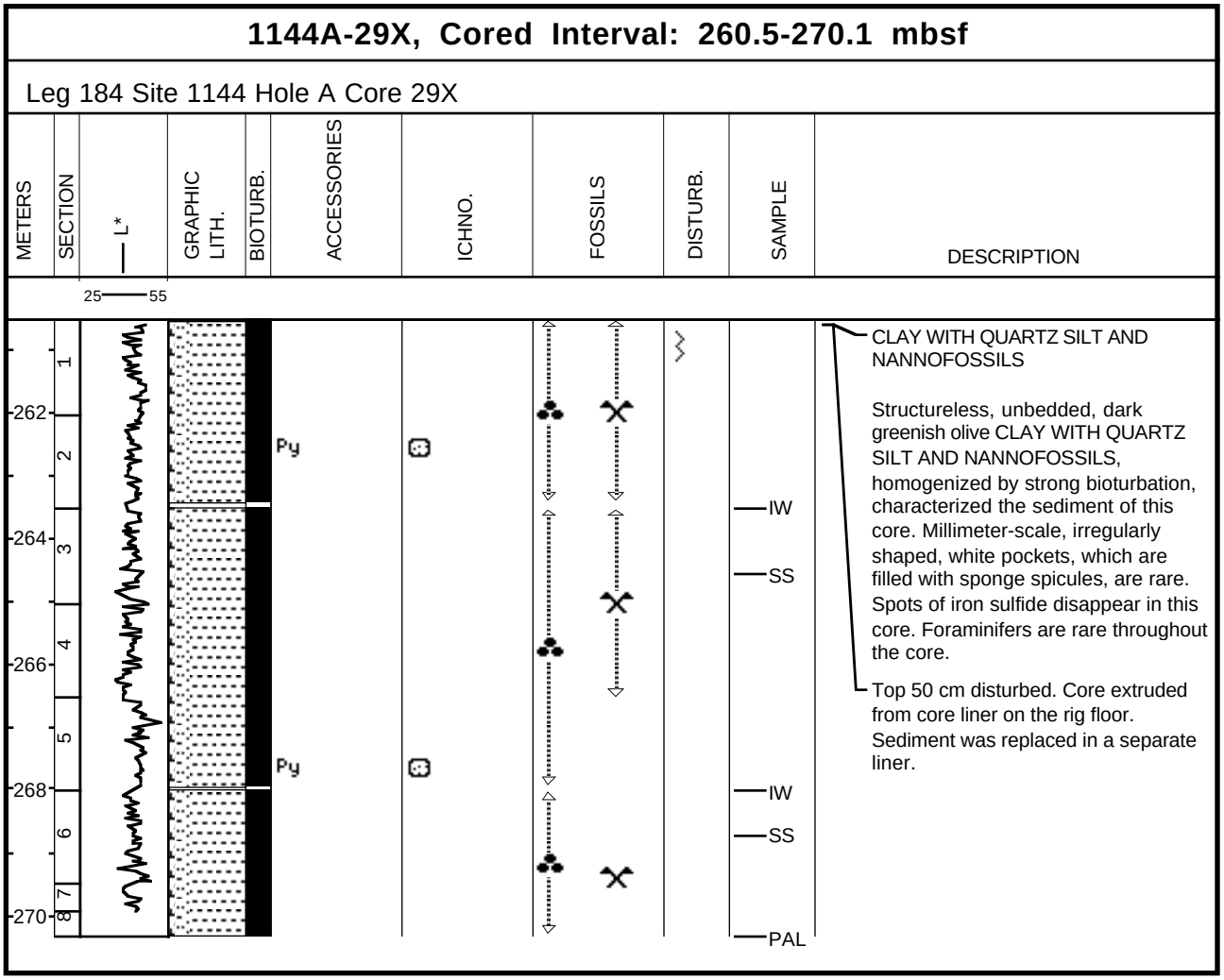
Core Photo


1144A-27X, Cored Interval: 241.3-250.9 mbsf
Leg 184 Site 1144 Hole A Core 27X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
242
244
246
248
250
1
2
3
4
5
6
7
8
Py
PAL
CLAY WITH QUARTZ SILT
Structureless, unbedded, dark brown-greenish gray CLAY WITH QUARTZ SILT, homogenized by strong bioturbation, characterized the sediment of this core. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, occur throughout the core. Foraminifers are rare thoughout the core.

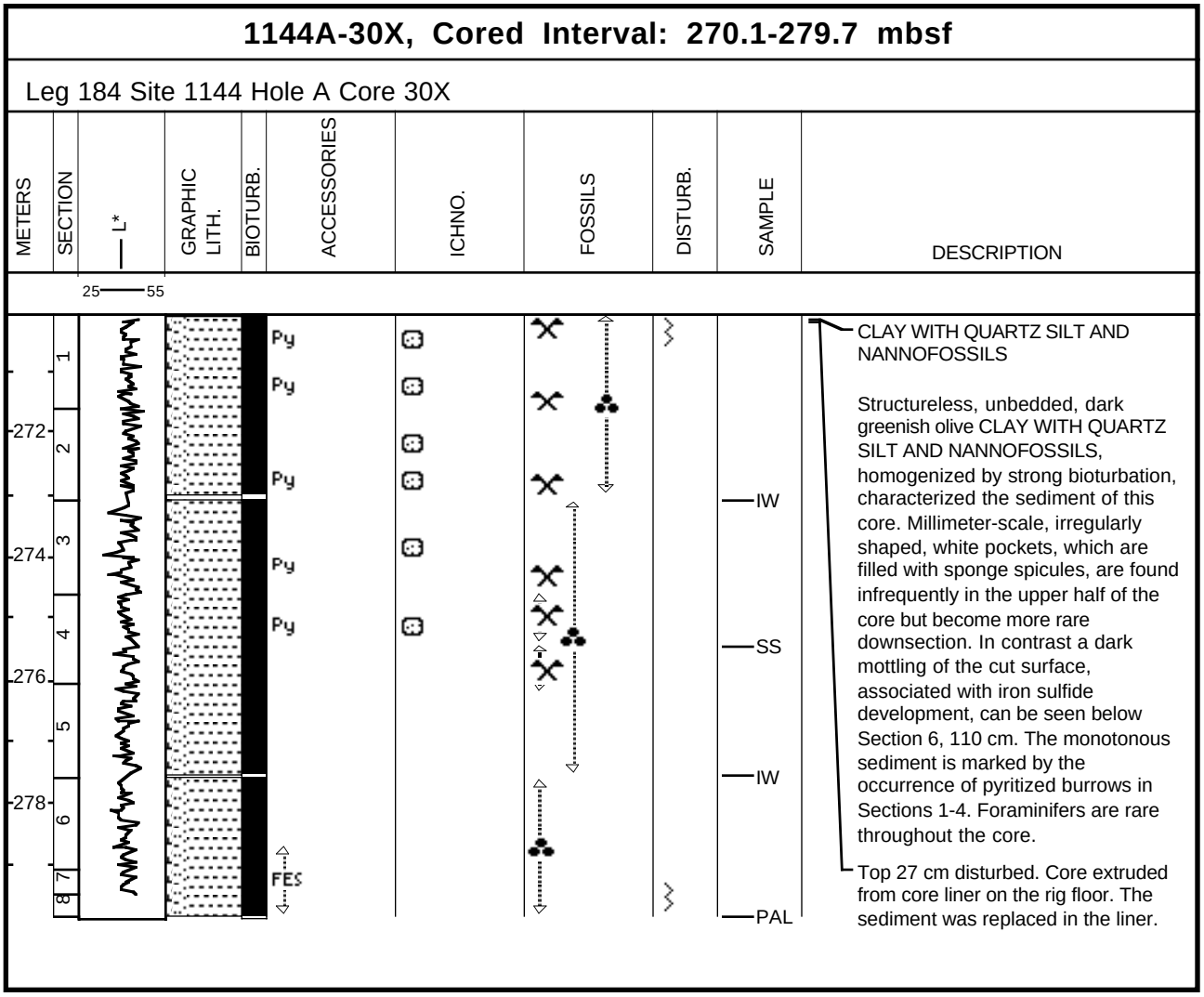
Core Photo


1144A-28X, Cored Interval, 250.9-260.5 mbsf
Leg 184 Site 1144 Hole A Core 28X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
252
254
256
258
260
1
2
3
4
5
6
7
8
Py
Py
SS
IW
SS
IW
PAL
CLAY WITH QUARTZ SILT
Structureless, unbedded, dark greenish olive CLAY WITH QUARTZ SILT, homogenized by strong bioturbation, characterized the sediment of this core. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, occur infrequently, but throughout the core. Spots of iron sulfide are noted throughout the core but are less common than overlying parts of the section. Foraminifers are rare thoughout the core.

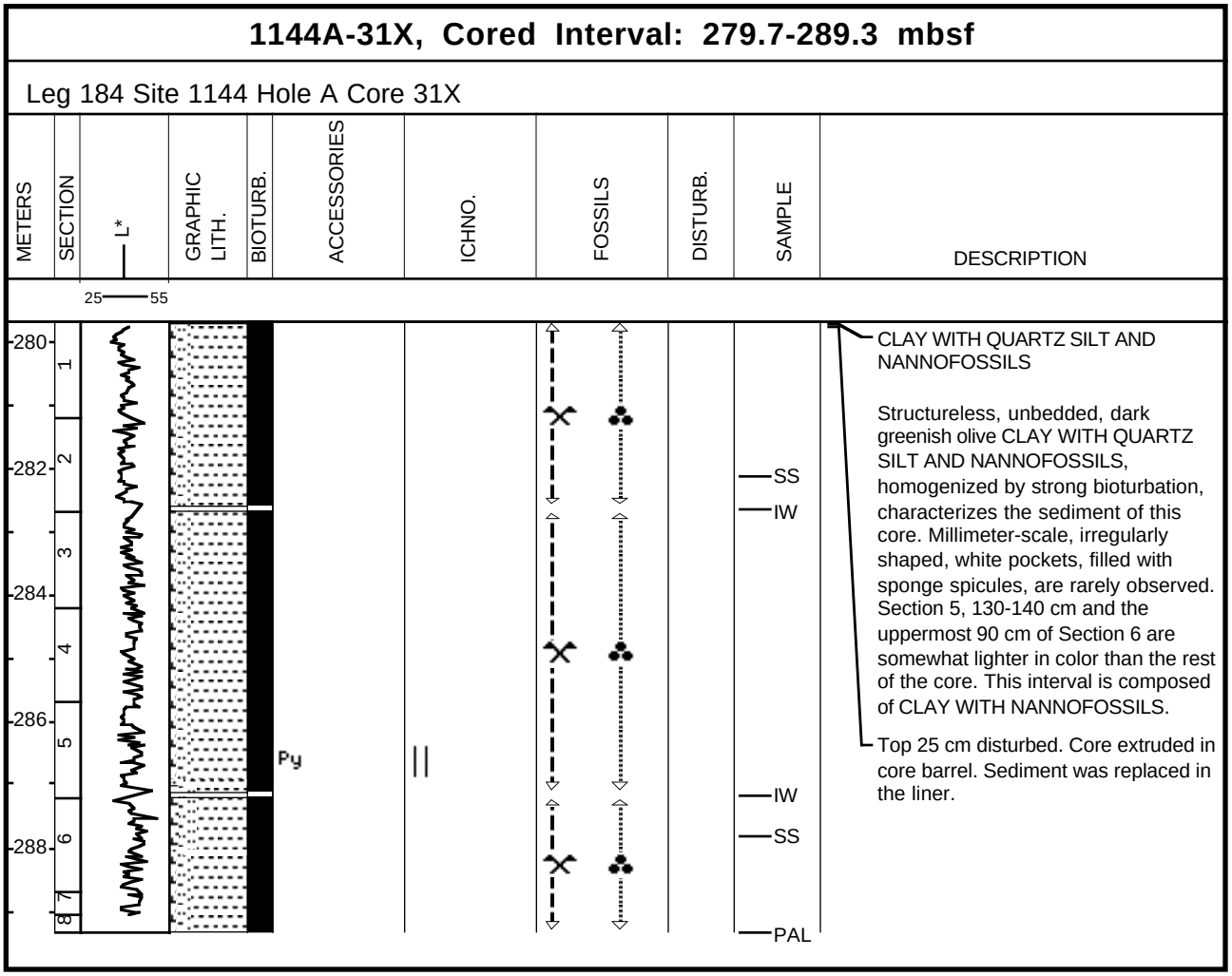
Core Photo


1144A-29X, Cored Interval: 260.5-270.1 mbsf
Leg 184 Site 1144 Hole A Core 29X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
262
264
266
268
270
1
2
3
4
5
6
7
Py
Py
IW
SS
IW
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Structureless, unbedded, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterized the sediment of this core. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, are rare. Spots of iron sulfide disappear in this core. Foraminifers are rare throughout the core.
Top 50 cm disturbed. Core extruded from core liner on the rig floor. Sediment was replaced in a separate liner.

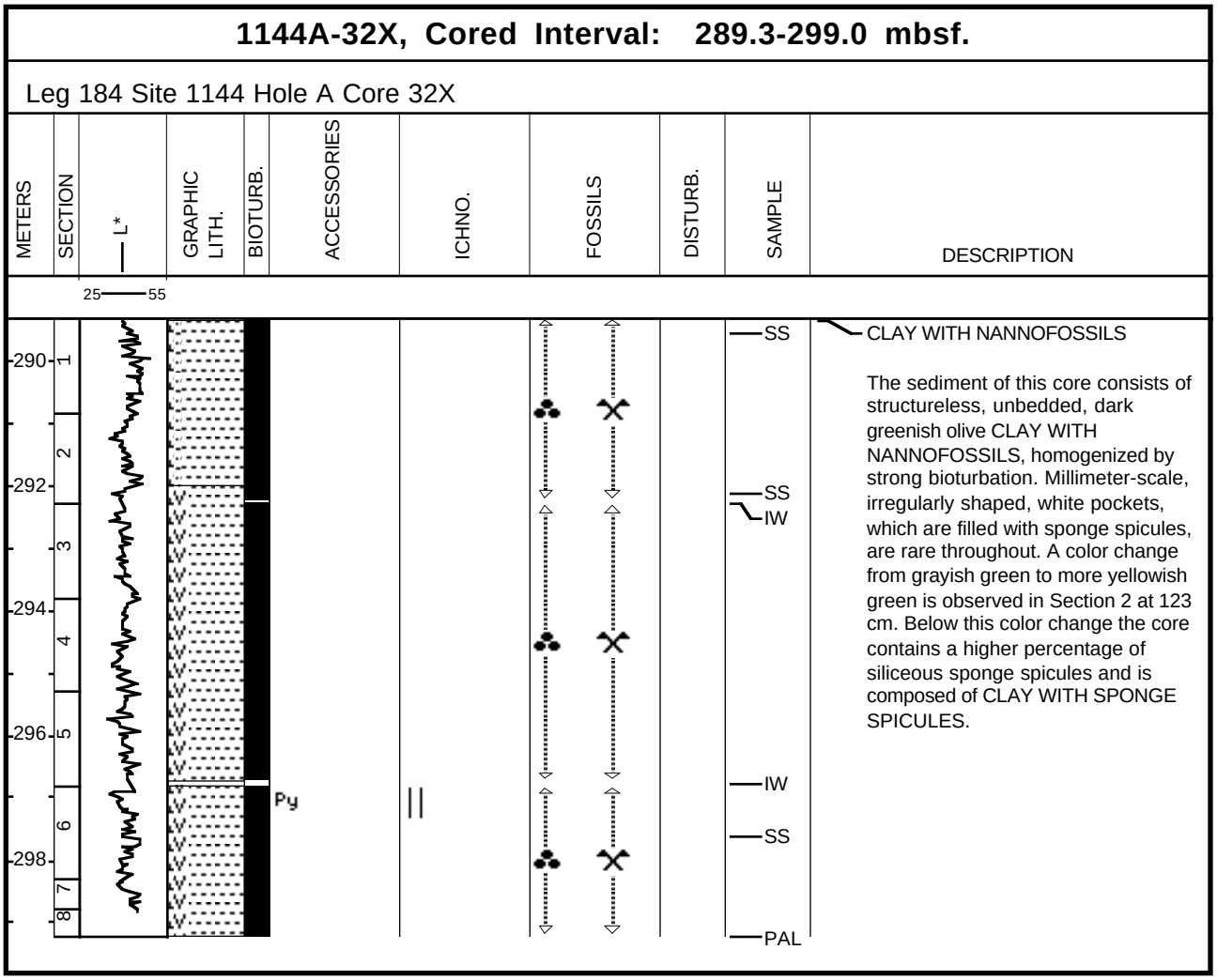
Core Photo


1144A-30X, Cored Interval: 270.1-279.7 mbsf
Leg 184 Site 1144 Hole A Core 30X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
272
274
276
278
1
2
3
4
5
6
7
8
Py
Py
Py
Py
Py
FES
IW
SS
IW
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Structureless, unbedded, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterized the sediment of this core. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, are found infrequently in the upper half of the core but become more rare downsection. In contrast a dark mottling of the cut surface, associated with iron sulfide development, can be seen below Section 6, 110 cm. The monotonous sediment is marked by the occurrence of pyritized burrows in Sections 1-4. Foraminifers are rare throughout the core.
Top 27 cm disturbed. Core extruded from core liner on the rig floor. The sediment was replaced in the liner.

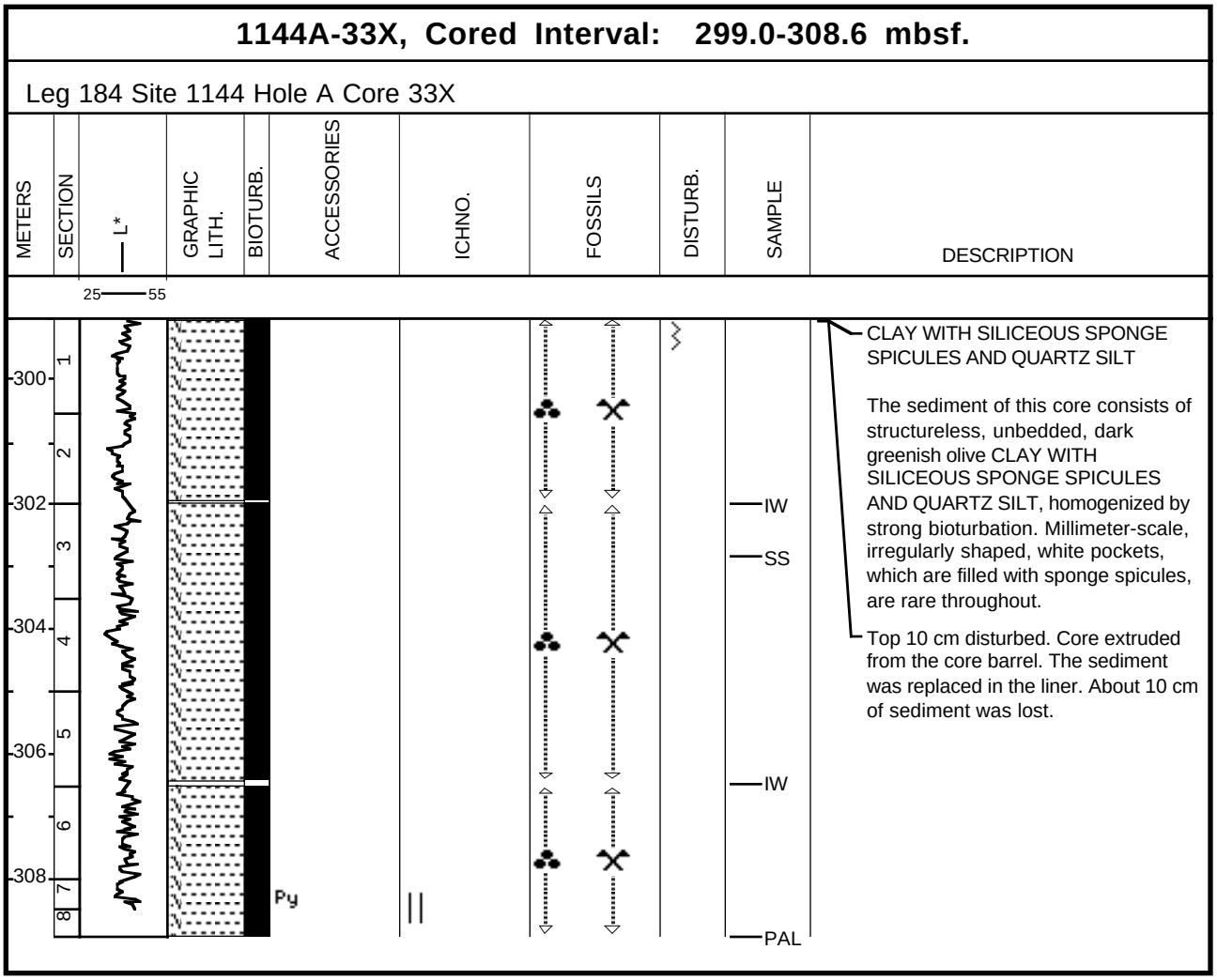
Core Photo


1144A-31X, Cored Interval: 279.7-289.3 mbsf
Leg 184 Site 1144 Hole A Core 31X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
280
282
284
286
288
1
2
3
4
5
6
7
8
Py
SS
IW
IW
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Structureless, unbedded, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets, filled with sponge spicules, are rarely observed. Section 5, 130-140 cm and the uppermost 90 cm of Section 6 are somewhat lighter in color than the rest of the core. This interval is composed of CLAY WITH NANNOFOSSILS.
Top 25 cm disturbed. Core extruded in core barrel. Sediment was replaced in the liner.

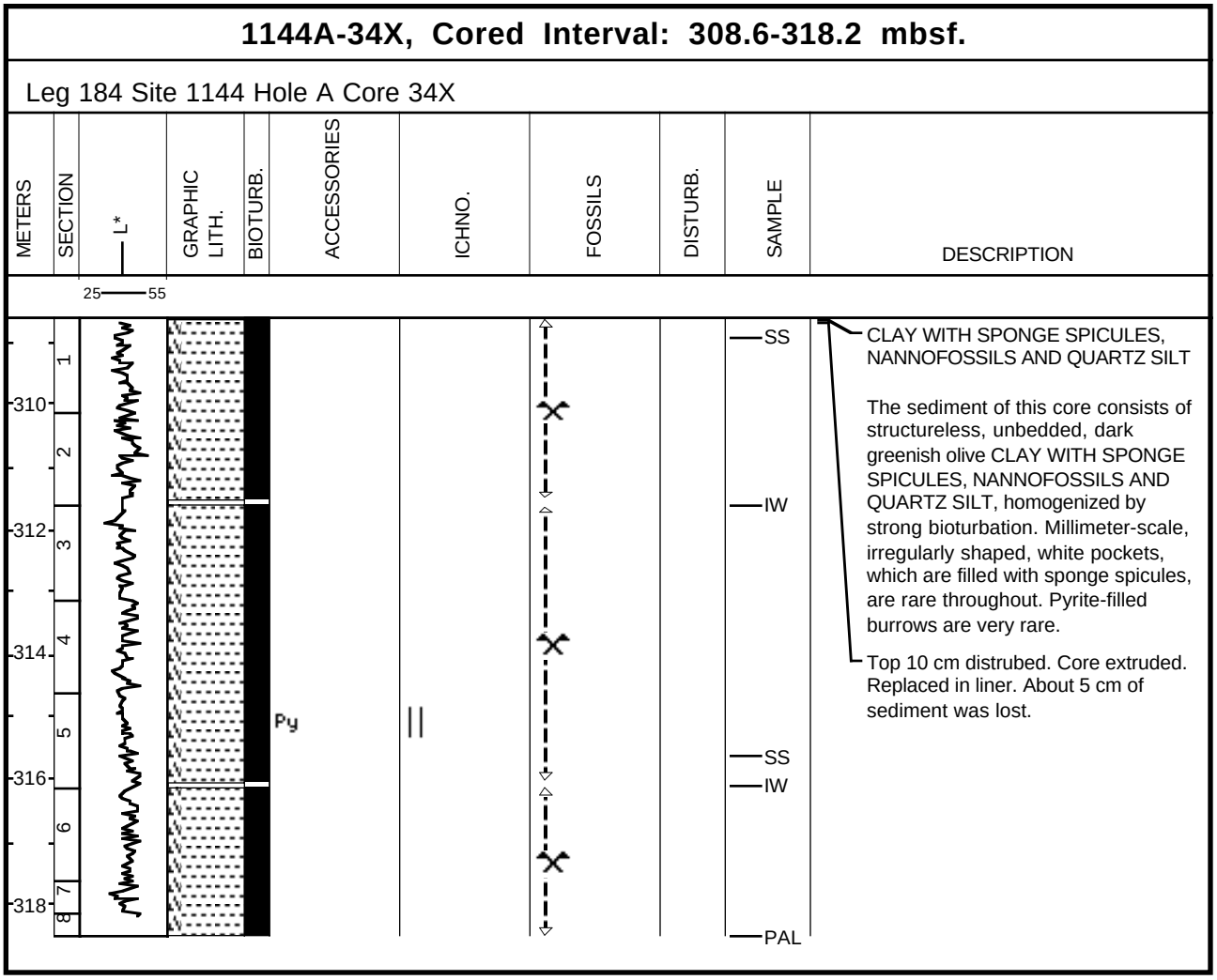
Core Photo


1144A-32X, Cored Interval: 289.3-299.0 mbsf.
Leg 184 Site 1144 Hole A Core 32X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
290
292
294
296
298
1
2
3
4
5
6
7
8
Py
SS
SS
IW
IW
SS
PAL
CLAY WITH NANNOFOSSILS
The sediment of this core consists of structureless, unbedded, dark greenish olive CLAY WITH NANNOFOSSILS, homogenized by strong bioturbation. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, are rare throughout. A color change from grayish green to more yellowish green is observed in Section 2 at 123 cm. Below this color change the core contains a higher percentage of siliceous sponge spicules and is composed of CLAY WITH SPONGE SPICULES.

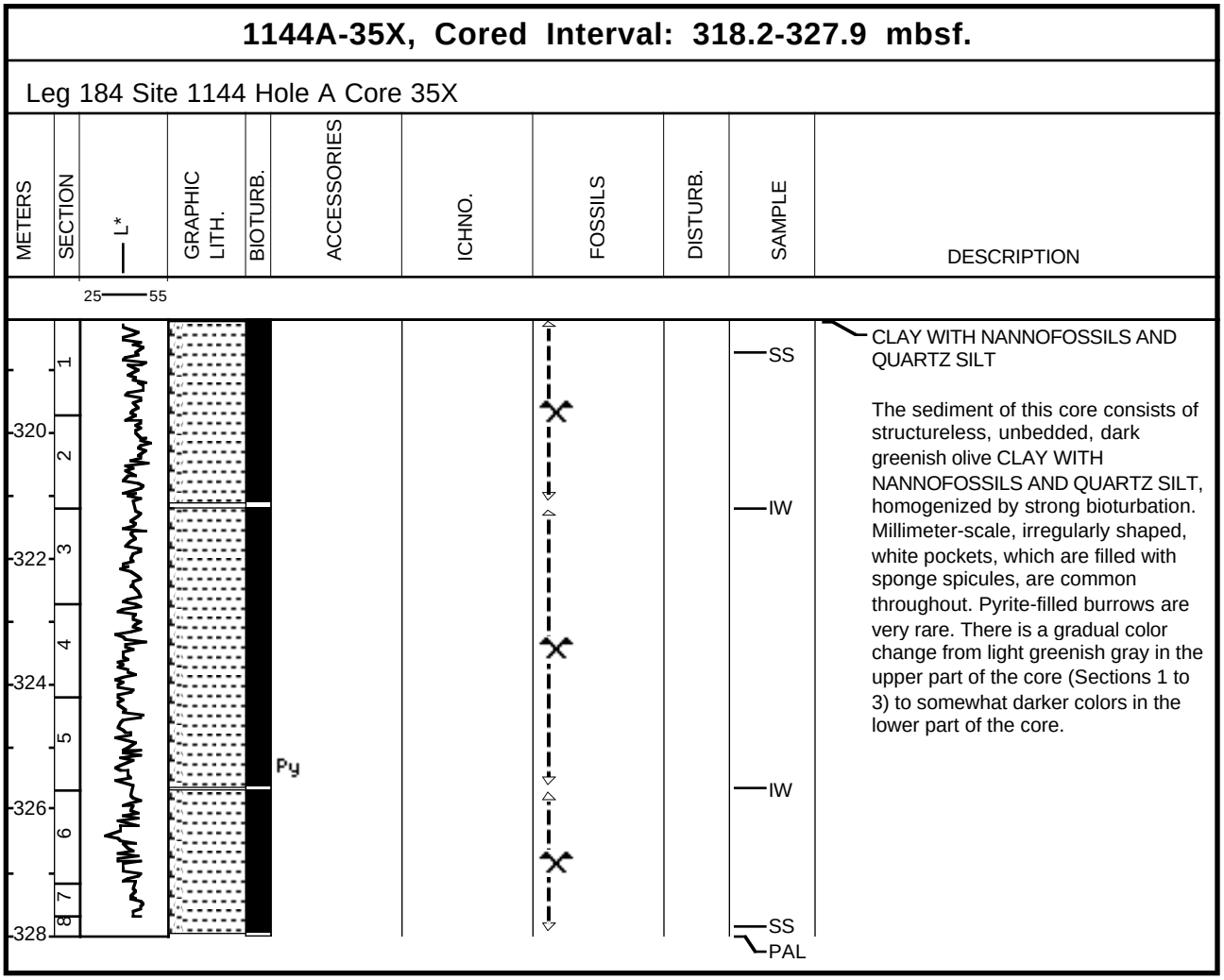
Core Photo


1144A-33X, Cored Interval: 299.0-308.6 mbsf.
Leg 184 Site 1144 Hole A Core 33X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
300
302
304
306
308
1
2
3
4
5
6
7
8
Py
IW
SS
IW
PAL
CLAY WITH SILICEOUS SPONGE SPICULES AND QUARTZ SILT
The sediment of this core consists of structureless, unbedded, dark greenish olive CLAY WITH SILICEOUS SPONGE SPICULES AND QUARTZ SILT, homogenized by strong bioturbation. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, are rare throughout.
Top 10 cm disturbed. Core extruded from the core barrel. The sediment was replaced in the liner. About 10 cm of sediment was lost.

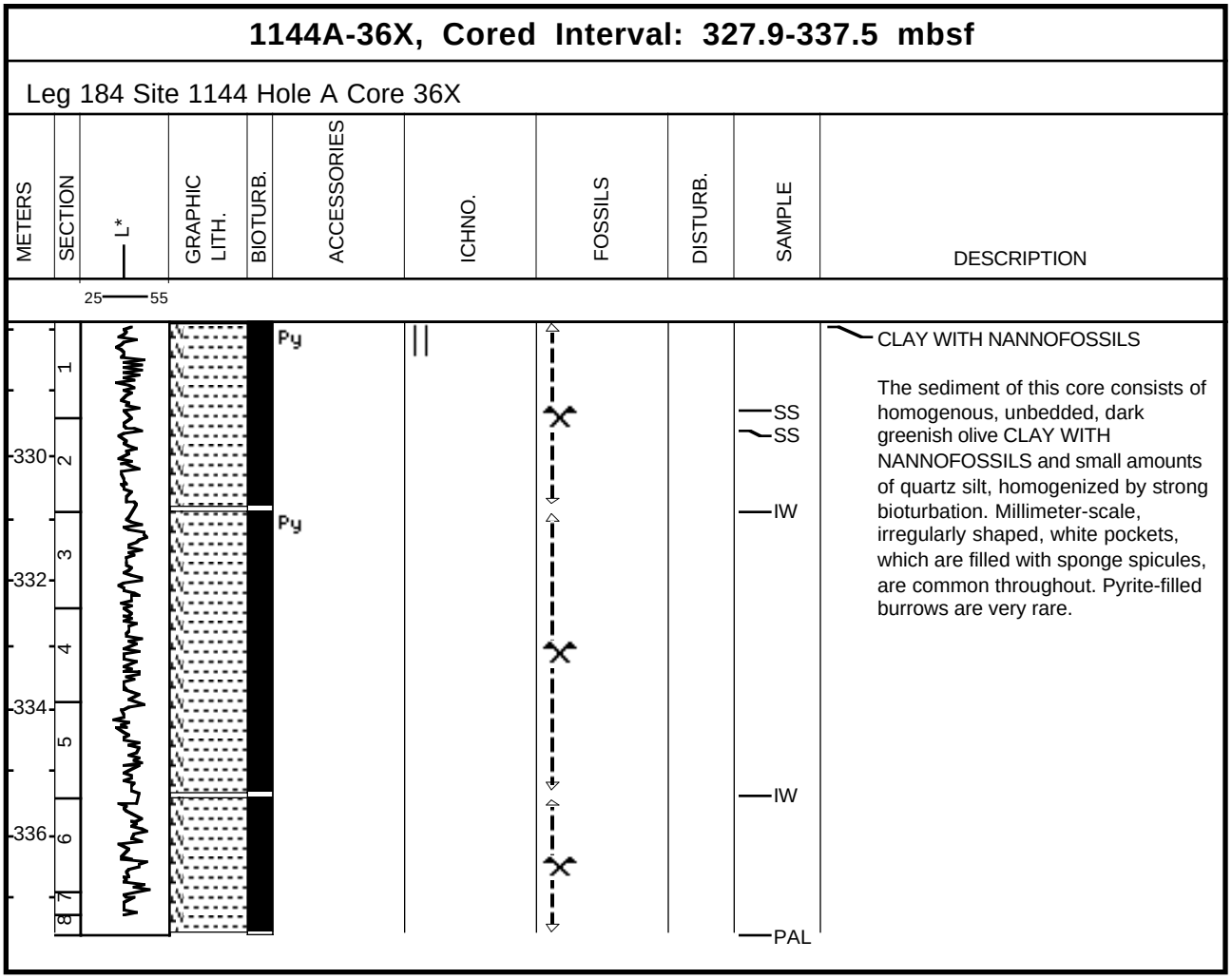
Core Photo


1144A-34X, Cored Interval: 308.6-318.2 mbsf.
Leg 184 Site 1144 Hole A Core 34X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
310
312
314
316
318
1
2
3
4
5
6
7
Py
SS
IW
SS
IW
PAL
CLAY WITH SPONGE SPICULES, NANNOFOSSILS AND QUARTZ SILT
The sediment of this core consists of structureless, unbedded, dark greenish olive CLAY WITH SPONGE SPICULES, NANNOFOSSILS AND QUARTZ SILT, homogenized by strong bioturbation. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, are rare throughout. Pyrite-filled burrows are very rare.
Top 10 cm distrubed. Core extruded. Replaced in liner. About 5 cm of sediment was lost.

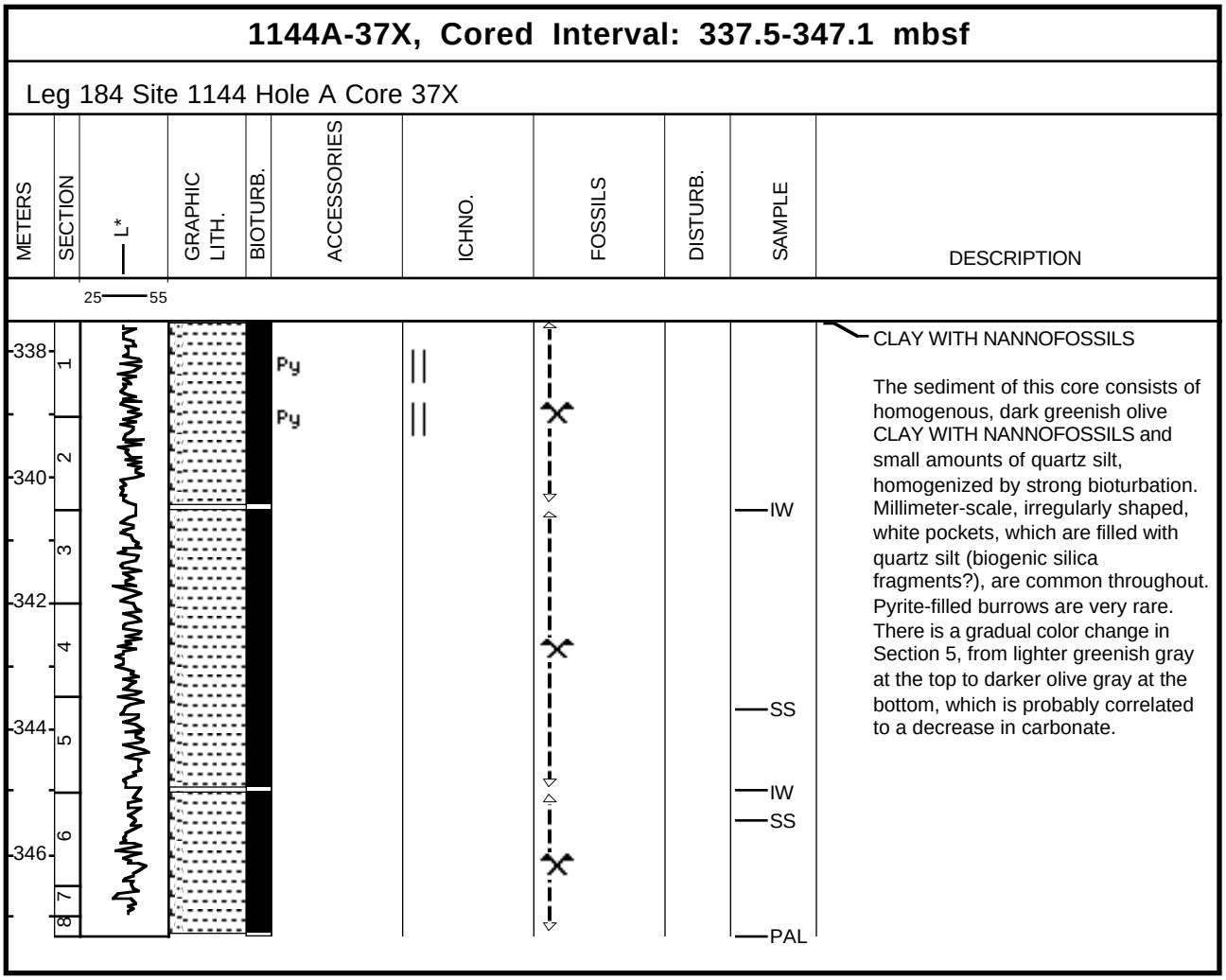
Core Photo


1144A-35X, Cored Interval: 318.2-327.9 mbsf.
Leg 184 Site 1144 Hole A Core 35X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
320
322
324
326
328
1
2
3
4
5
6
7
CC
Py
SS
IW
IW
SS
PAL
CLAY WITH NANNOFOSSILS AND QUARTZ SILT
The sediment of this core consists of structureless, unbedded, dark greenish olive CLAY WITH NANNOFOSSILS AND QUARTZ SILT, homogenized by strong bioturbation. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, are common throughout. Pyrite-filled burrows are very rare. There is a gradual color change from light greenish gray in the upper part of the core (Sections 1 to 3) to somewhat darker colors in the lower part of the core.

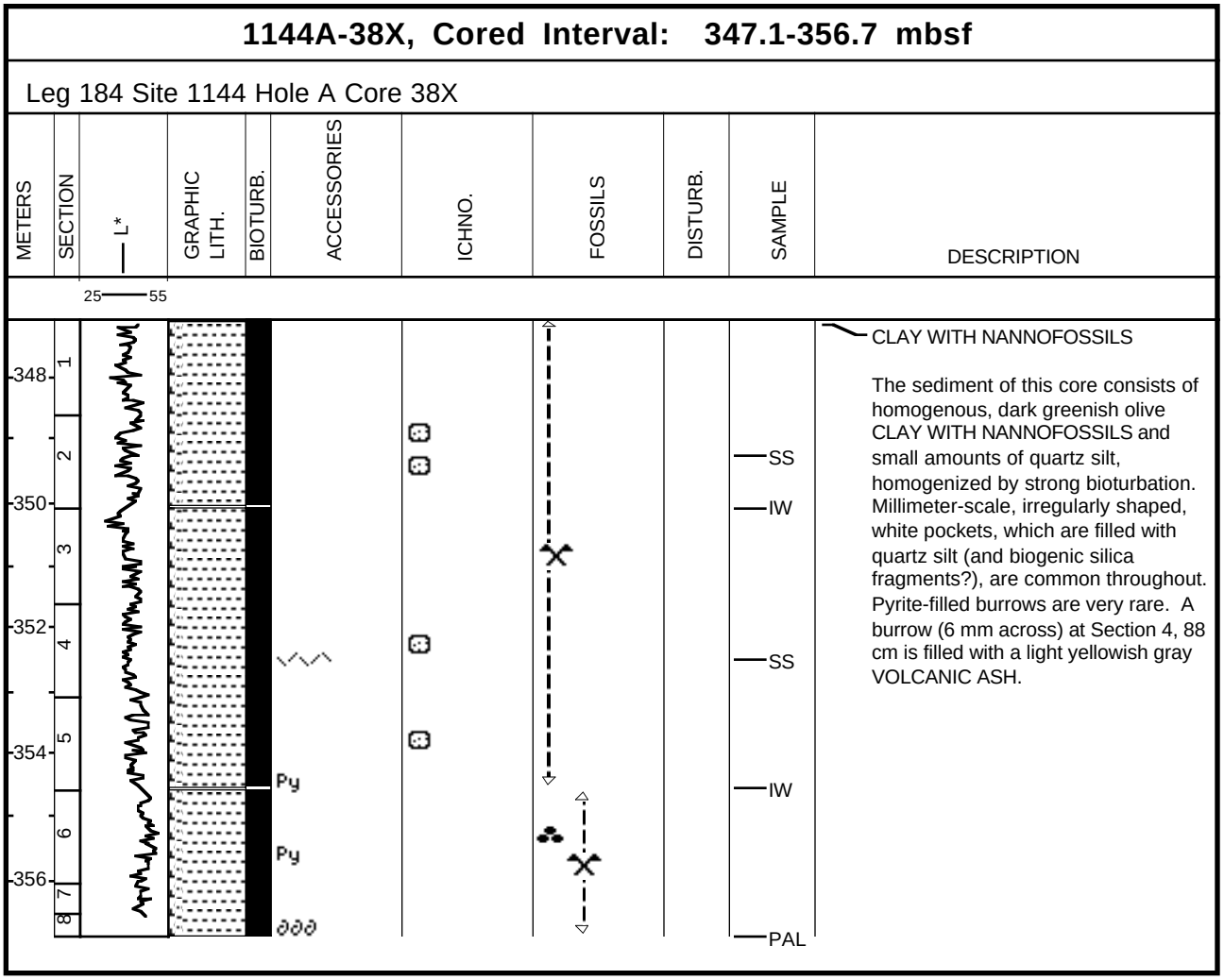
Core Photo


1144A-36X, Cored Interval: 327.9-337.5 mbsf
Leg 184 Site 1144 Hole A Core 36X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
330
332
334
336
1
2
3
4
5
6
7
8
Py
Py
SS
SS
IW
IW
PAL
CLAY WITH NANNOFOSSILS
The sediment of this core consists of homogenous, unbedded, dark greenish olive CLAY WITH NANNOFOSSILS and small amounts of quartz silt, homogenized by strong bioturbation. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, are common throughout. Pyrite-filled burrows are very rare.

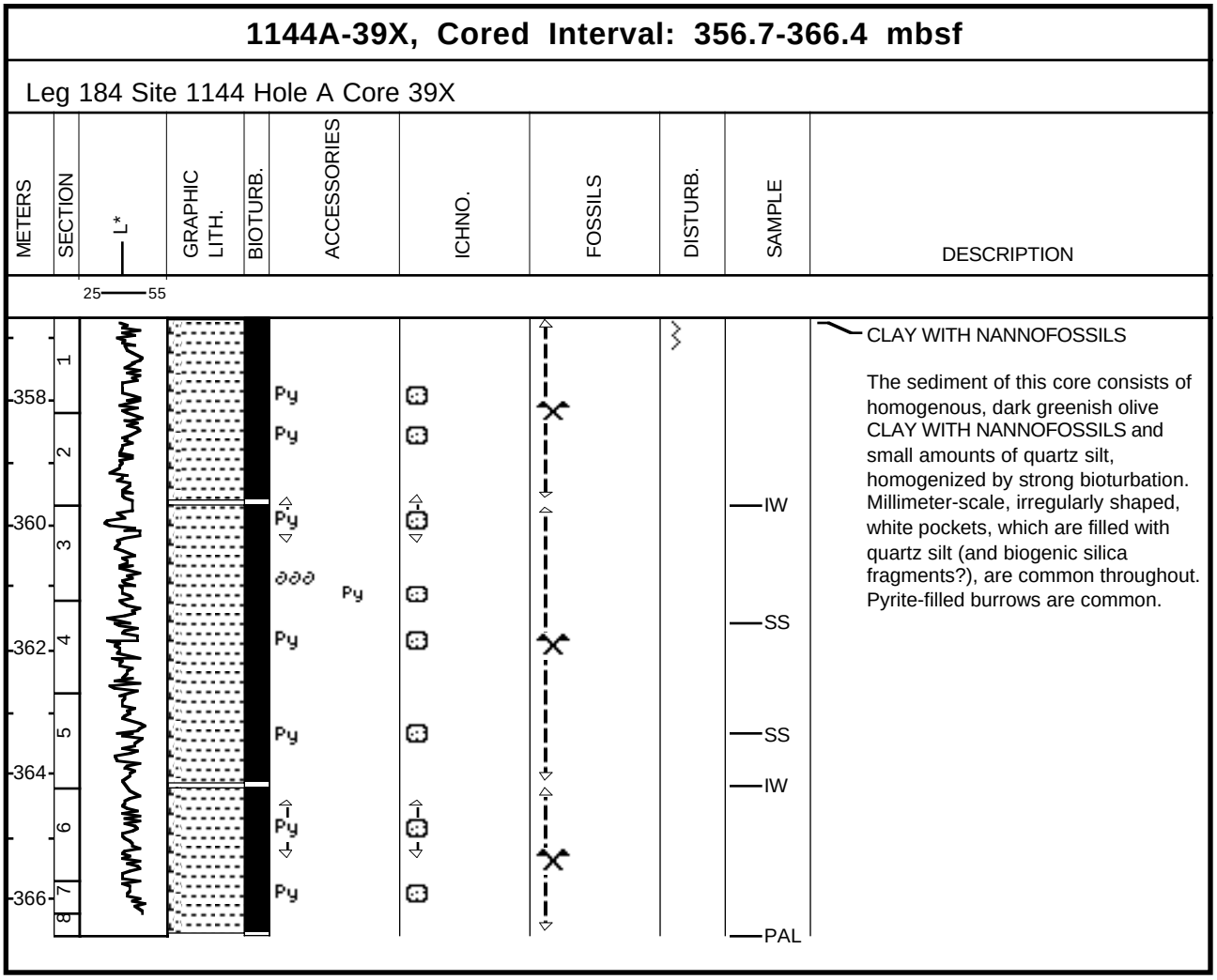
Core Photo


1144A-37X, Cored Interval: 337.5-347.1 mbsf
Leg 184 Site 1144 Hole A Core 37X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
338
340
342
344
346
1
2
3
4
5
6
7
8
Py
Py
IW
SS
IW
SS
PAL
CLAY WITH NANNOFOSSILS
The sediment of this core consists of homogenous, dark greenish olive CLAY WITH NANNOFOSSILS and small amounts of quartz silt, homogenized by strong bioturbation. Millimeter-scale, irregularly shaped, white pockets, which are filled with quartz silt (biogenic silica fragments?), are common throughout. Pyrite-filled burrows are very rare. There is a gradual color change in Section 5, from lighter greenish gray at the top to darker olive gray at the bottom, which is probably correlated to a decrease in carbonate.

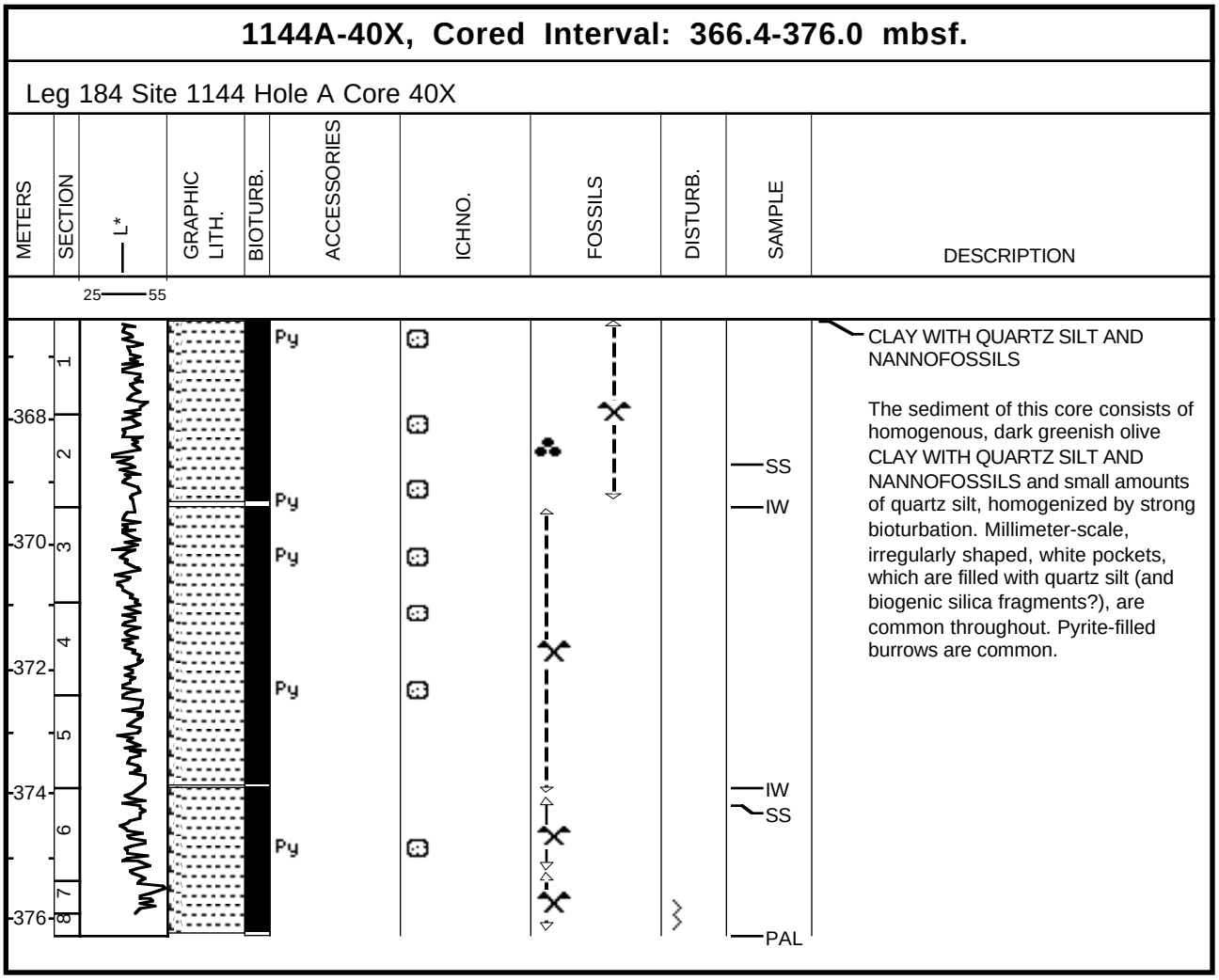
Core Photo


1144A-38X, Cored Interval: 347.1-356.7 mbsf
Leg 184 Site 1144 Hole A Core 38X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
348
350
352
354
356
1
2
3
4
5
6
7
8
Py
Py
SS
IW
SS
IW
PAL
CLAY WITH NANNOFOSSILS
The sediment of this core consists of homogenous, dark greenish olive CLAY WITH NANNOFOSSILS and small amounts of quartz silt, homogenized by strong bioturbation. Millimeter-scale, irregularly shaped, white pockets, which are filled with quartz silt (and biogenic silica fragments?), are common throughout. Pyrite-filled burrows are very rare. A burrow (6 mm across) at Section 4, 88 cm is filled with a light yellowish gray VOLCANIC ASH.

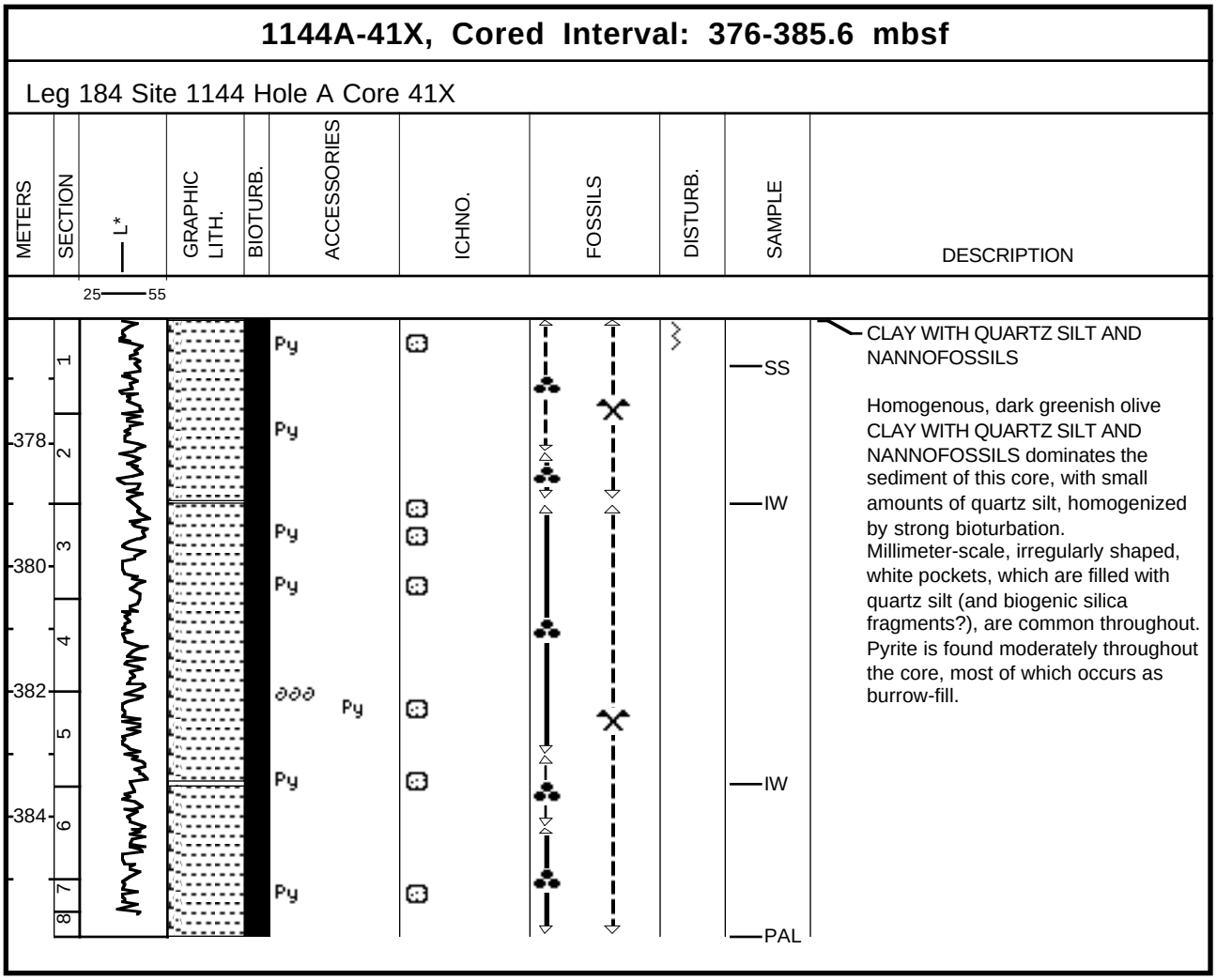
Core Photo


1144A-39X, Cored Interval: 356.7-366.4 mbsf
Leg 184 Site 1144 Hole A Core 39X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
358
360
362
364
366
1
2
3
4
5
6
7
Py
IW
SS
SS
IW
PAL
CLAY WITH NANNOFOSSILS
The sediment of this core consists of homogenous, dark greenish olive CLAY WITH NANNOFOSSILS and small amounts of quartz silt, homogenized by strong bioturbation. Millimeter-scale, irregularly shaped, white pockets, which are filled with quartz silt (and biogenic silica fragments?), are common throughout. Pyrite-filled burrows are common.

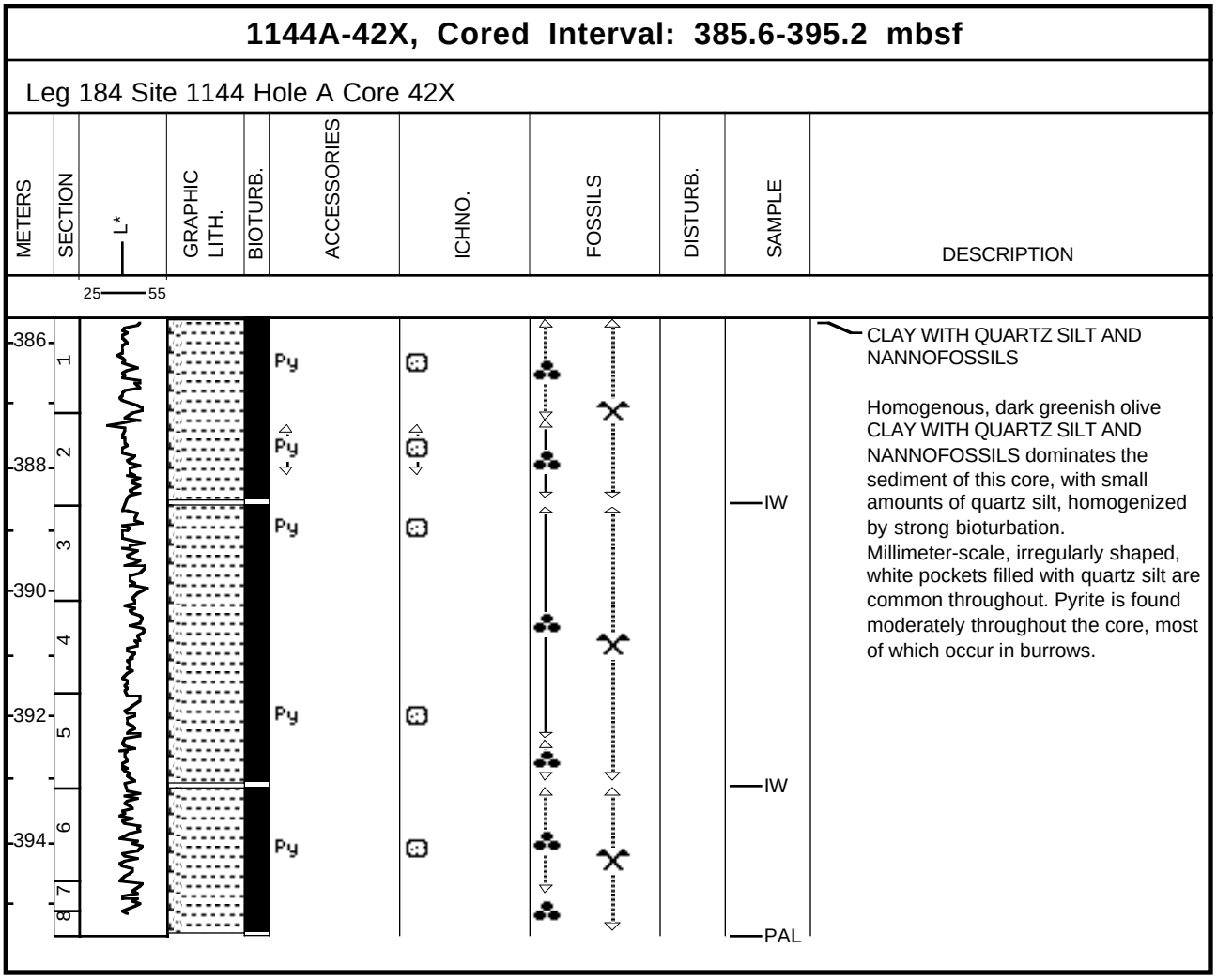
Core Photo


1144A-40X, Cored Interval: 366.4-376.0 mbsf.
Leg 184 Site 1144 Hole A Core 40X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
368
370
372
374
376
1
2
3
4
5
6
7
Py
SS
IW
IW
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
The sediment of this core consists of homogenous, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS and small amounts of quartz silt, homogenized by strong bioturbation. Millimeter-scale, irregularly shaped, white pockets, which are filled with quartz silt (and biogenic silica fragments?), are common throughout. Pyrite-filled burrows are common.

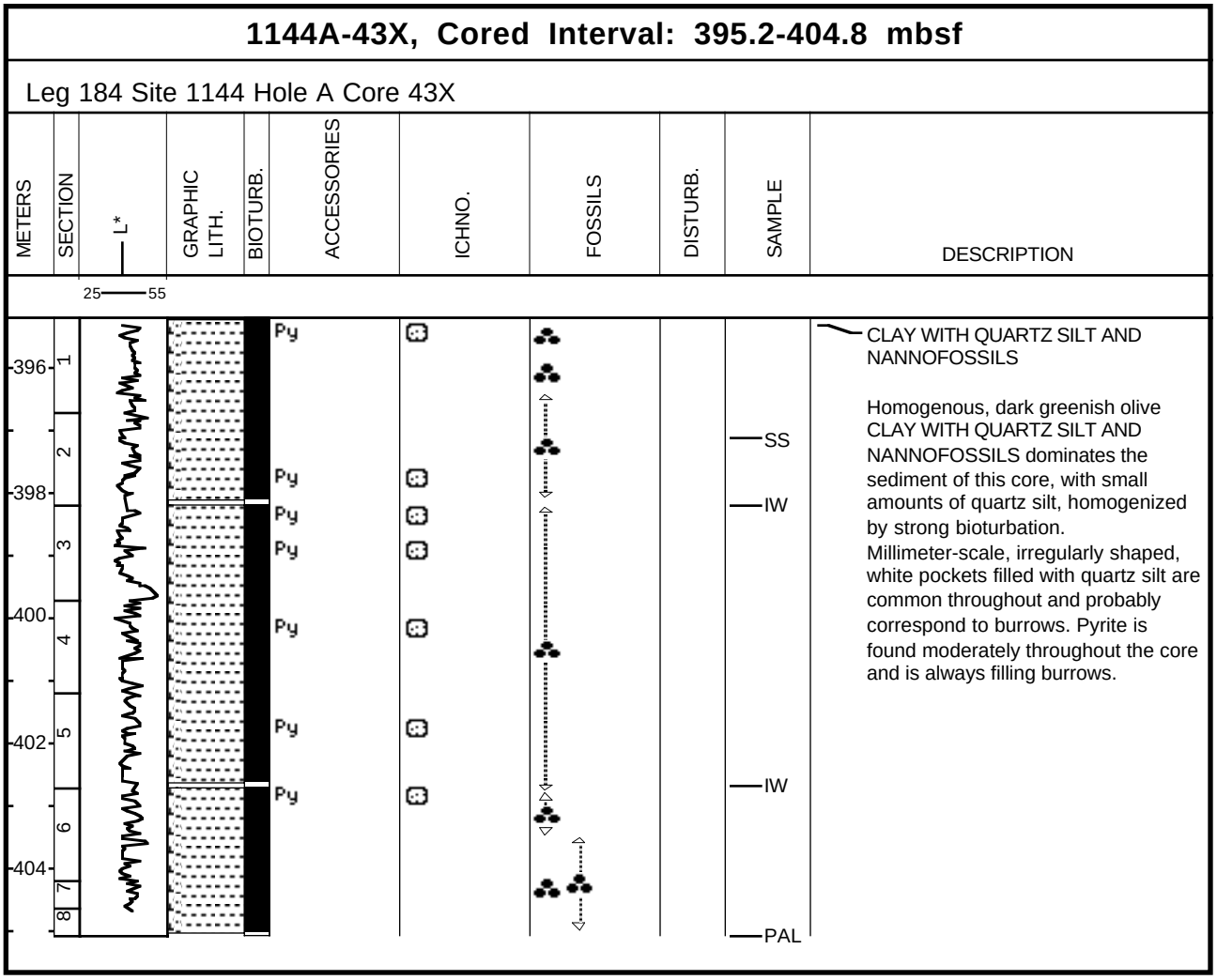
Core Photo


1144A-41X, Cored Interval: 376-385.6 mbsf
Leg 184 Site 1144 Hole A Core 41X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
378
380
382
384
1
2
3
4
5
6
7
8
Py
SS
IW
IW
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Homogenous, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS dominates the sediment of this core, with small amounts of quartz silt, homogenized by strong bioturbation. Millimeter-scale, irregularly shaped, white pockets, which are filled with quartz silt (and biogenic silica fragments?), are common throughout. Pyrite is found moderately throughout the core, most of which occurs as burrow-fill.

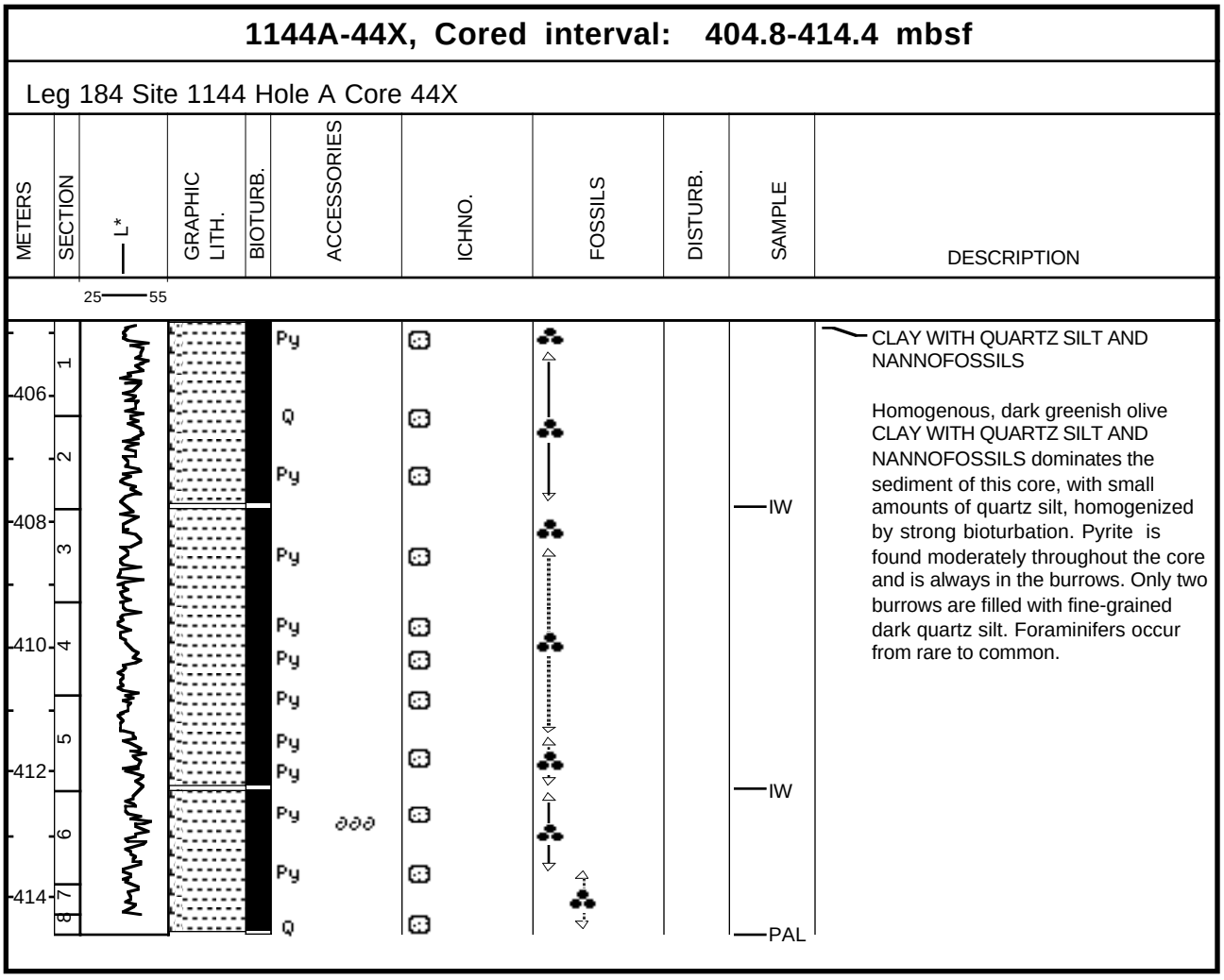
Core Photo


1144A-42X, Cored Interval: 385.6-395.2 mbsf
Leg 184 Site 1144 Hole A Core 42X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
386
388
390
392
394
1
2
3
4
5
6
7
8
Py
Py
Py
Py
Py
IW
IW
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Homogenous, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS dominates the sediment of this core, with small amounts of quartz silt, homogenized by strong bioturbation. Millimeter-scale, irregularly shaped, white pockets filled with quartz silt are common throughout. Pyrite is found moderately throughout the core, most of which occur in burrows.

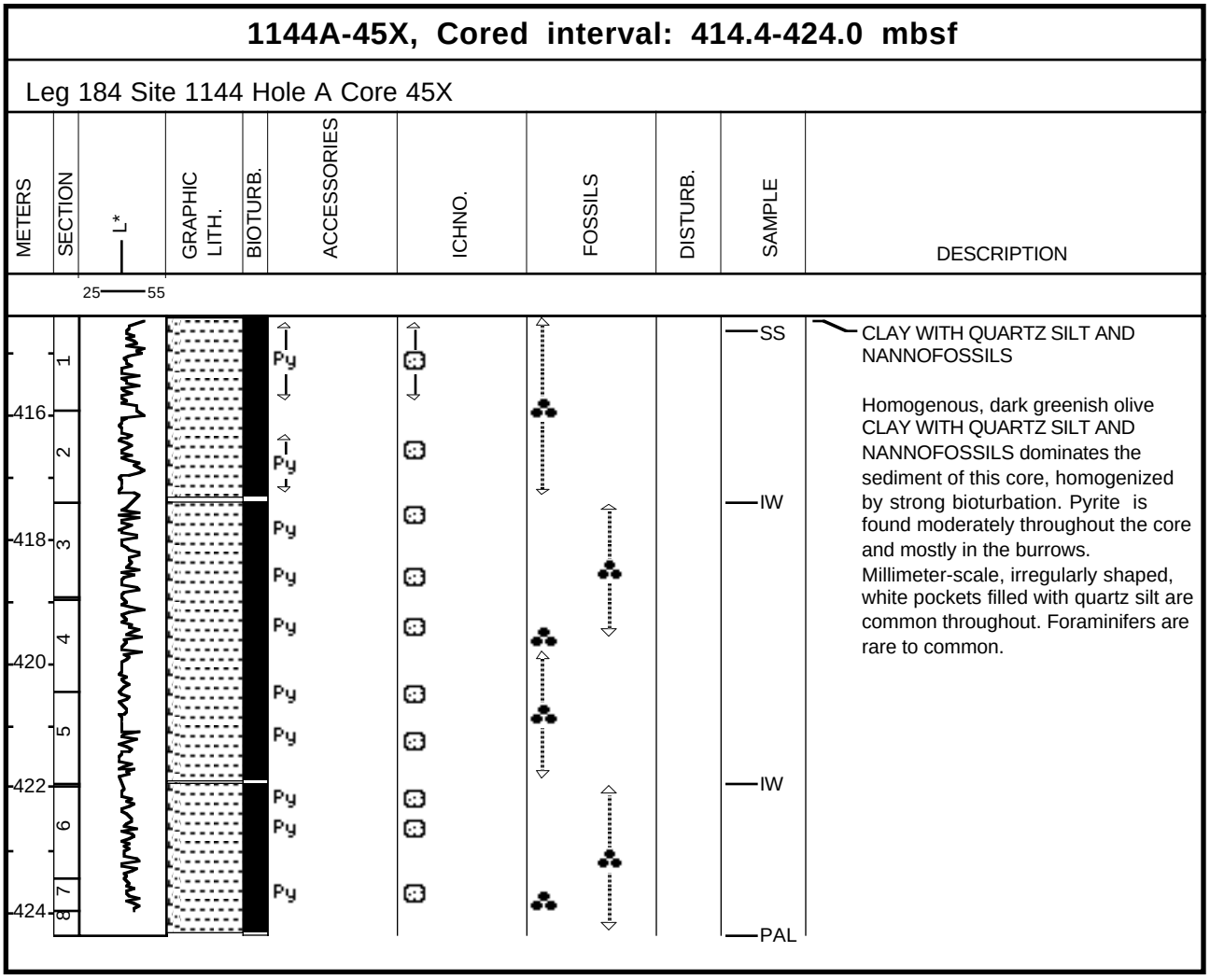
Core Photo


1144A-43X, Cored Interval: 395.2-404.8 mbsf
Leg 184 Site 1144 Hole A Core 43X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
396
398
400
402
404
1
2
3
4
5
6
7
8
Py
SS
IW
IW
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Homogenous, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS dominates the sediment of this core, with small amounts of quartz silt, homogenized by strong bioturbation. Millimeter-scale, irregularly shaped, white pockets filled with quartz silt are common throughout and probably correspond to burrows. Pyrite is found moderately throughout the core and is always filling burrows.

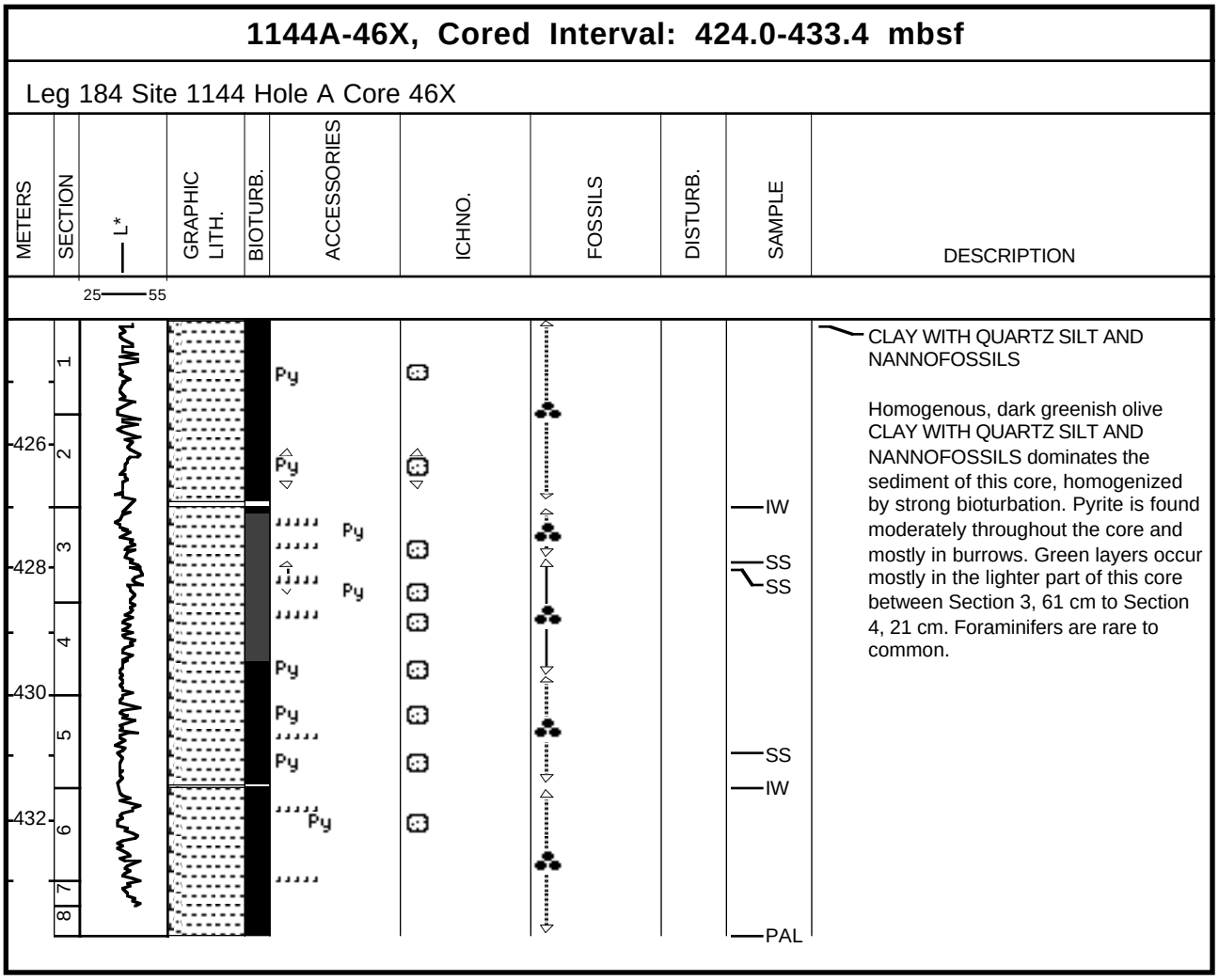
Core Photo


1144A-44X, Cored interval: 404.8-414.4 mbsf
Leg 184 Site 1144 Hole A Core 44X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
406
408
410
412
414
1
2
3
4
5
6
7
8
Py
Q
IW
IW
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Homogenous, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS dominates the sediment of this core, with small amounts of quartz silt, homogenized by strong bioturbation. Pyrite is found moderately throughout the core and is always in the burrows. Only two burrows are filled with fine-grained dark quartz silt. Foraminifers occur from rare to common.

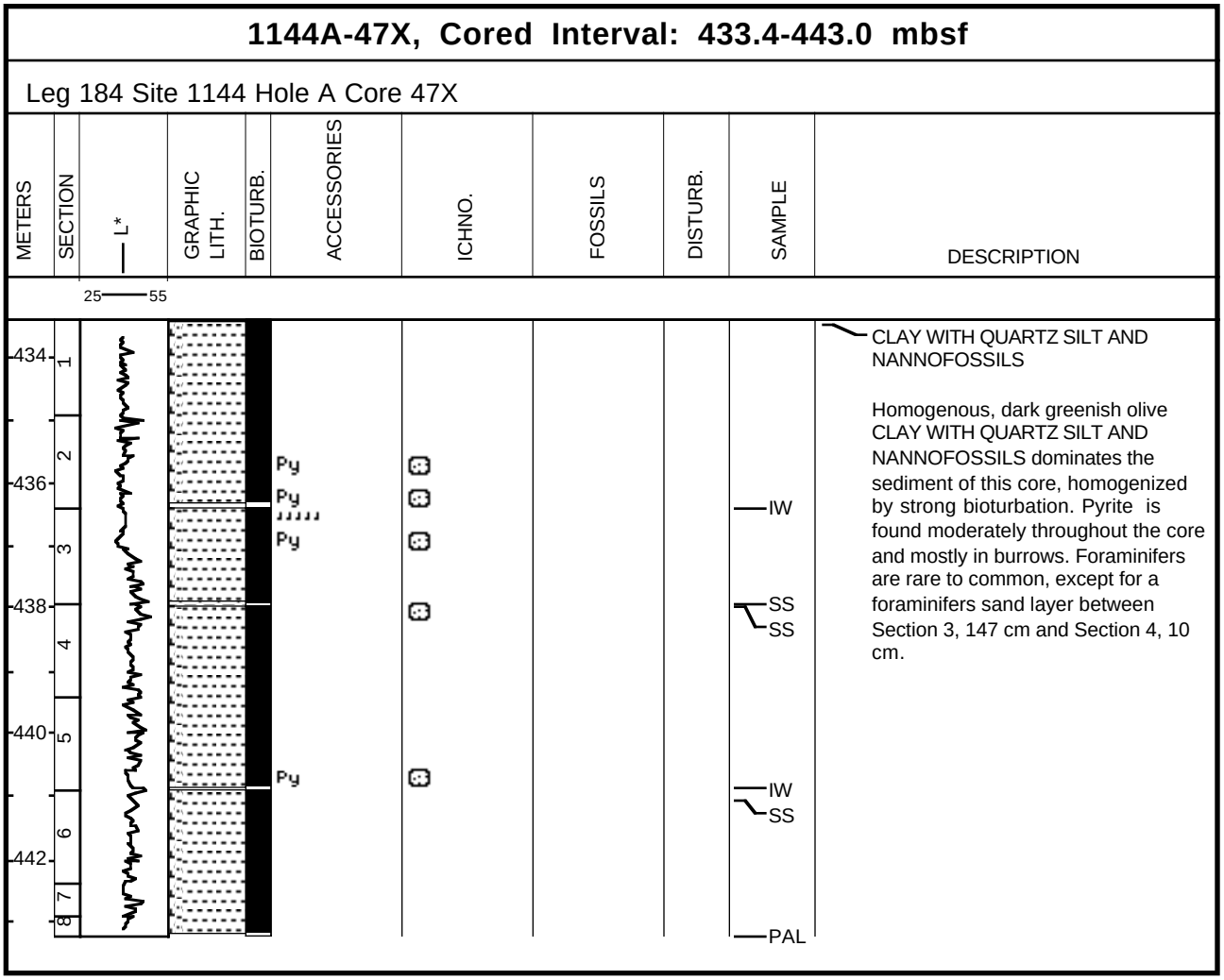
Core Photo


1144A-45X, Cored interval: 414.4-424.0 mbsf
Leg 184 Site 1144 Hole A Core 45X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
416
418
420
422
424
1
2
3
4
5
6
7
8
Py
SS
IW
IW
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Homogenous, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS dominates the sediment of this core, homogenized by strong bioturbation. Pyrite is found moderately throughout the core and mostly in the burrows. Millimeter-scale, irregularly shaped, white pockets filled with quartz silt are common throughout. Foraminifers are rare to common.

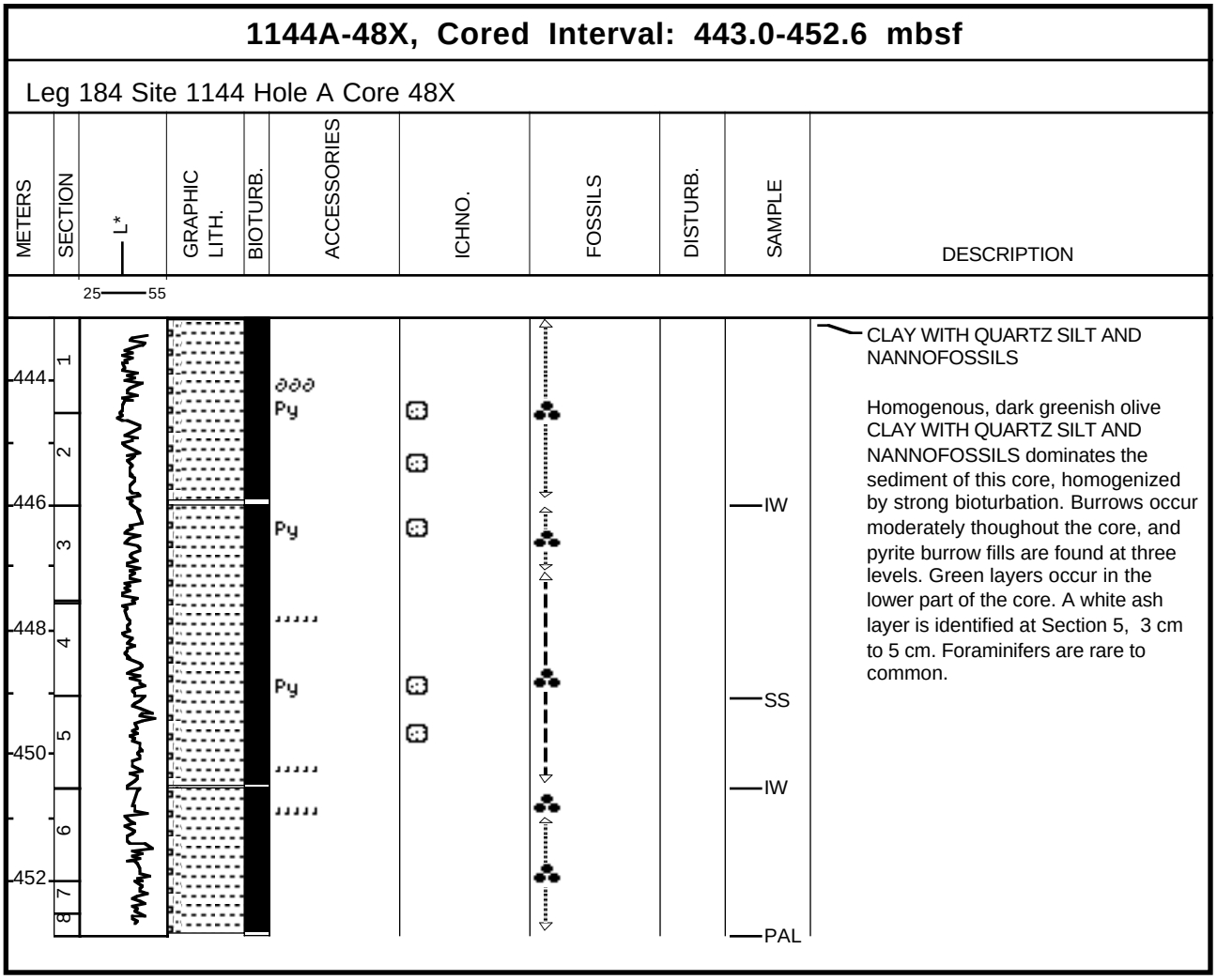
Core Photo


1144A-46X, Cored Interval: 424.0-433.4 mbsf
Leg 184 Site 1144 Hole A Core 46X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
426
428
430
432
1
2
3
4
5
6
7
8
Py
IW
SS
SS
SS
IW
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Homogenous, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS dominates the sediment of this core, homogenized by strong bioturbation. Pyrite is found moderately throughout the core and mostly in burrows. Green layers occur mostly in the lighter part of this core between Section 3, 61 cm to Section 4, 21 cm. Foraminifers are rare to common.

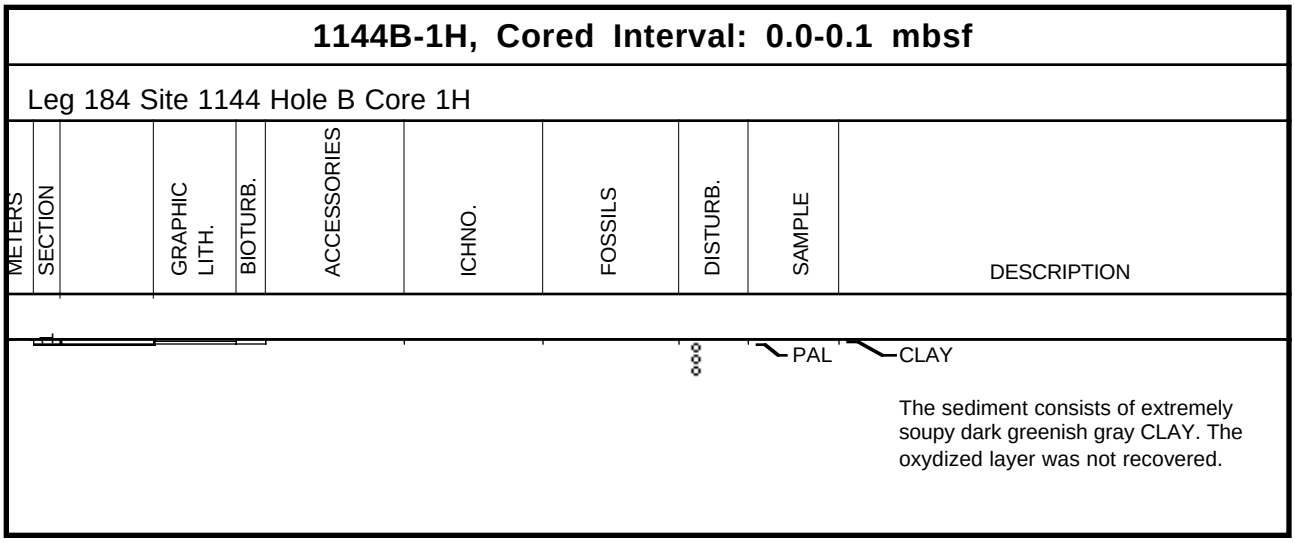
Core Photo


1144A-47X, Cored Interval: 433.4-443.0 mbsf
Leg 184 Site 1144 Hole A Core 47X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
434
436
438
440
442
1
2
3
4
5
6
7
8
Py
Py
Py
Py
IW
SS
SS
IW
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Homogenous, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS dominates the sediment of this core, homogenized by strong bioturbation. Pyrite is found moderately throughout the core and mostly in burrows. Foraminifers are rare to common, except for a foraminifers sand layer between Section 3, 147 cm and Section 4, 10 cm.

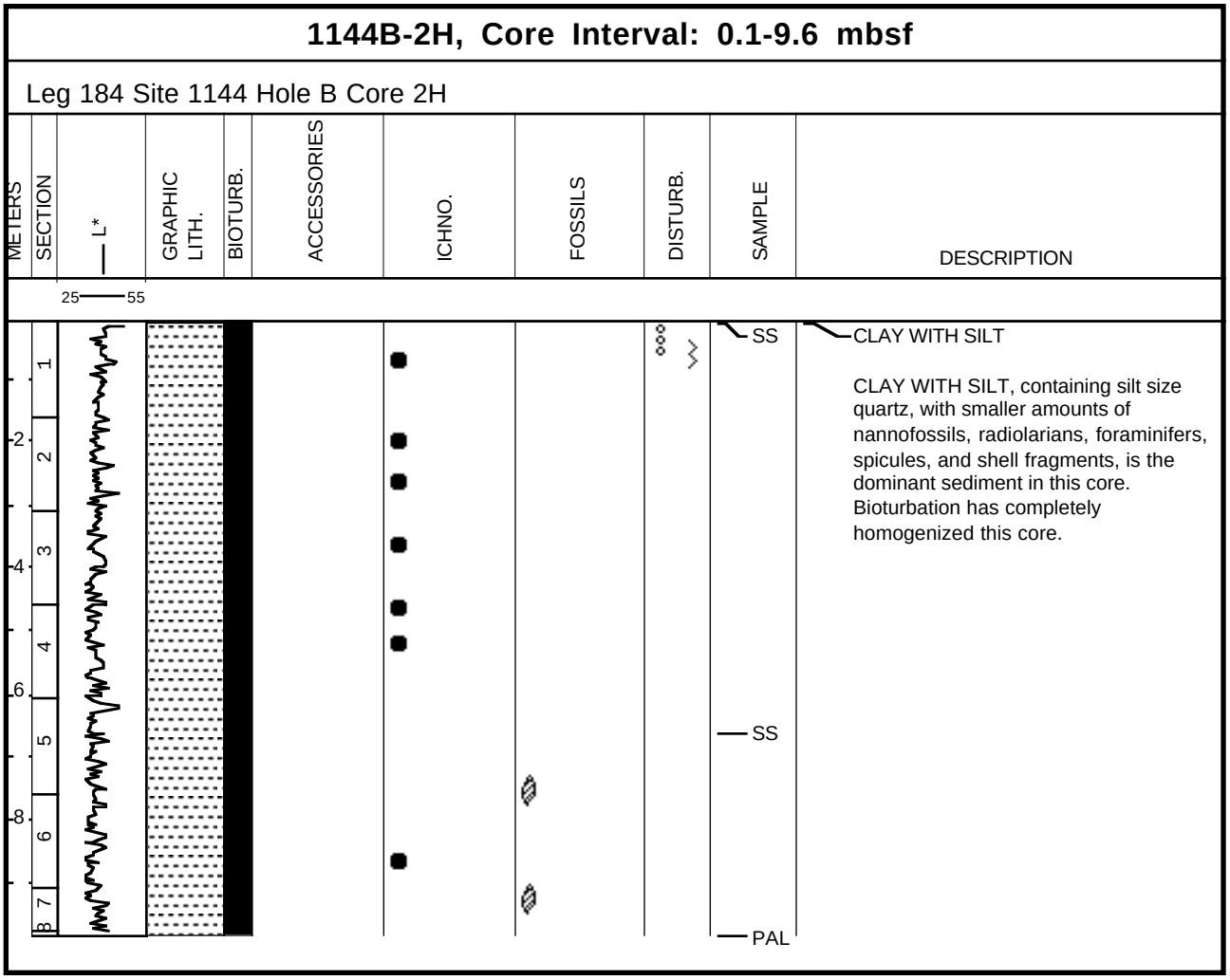
Core Photo


1144A-48X, Cored Interval: 443.0-452.6 mbsf
Leg 184 Site 1144 Hole A Core 48X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
444
446
448
450
452
1
2
3
4
5
6
7
Py
Py
Py
IW
SS
IW
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Homogenous, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS dominates the sediment of this core, homogenized by strong bioturbation. Burrows occur moderately thoughout the core, and pyrite burrow fills are found at three levels. Green layers occur in the lower part of the core. A white ash layer is identified at Section 5, 3 cm to 5 cm. Foraminifers are rare to common.

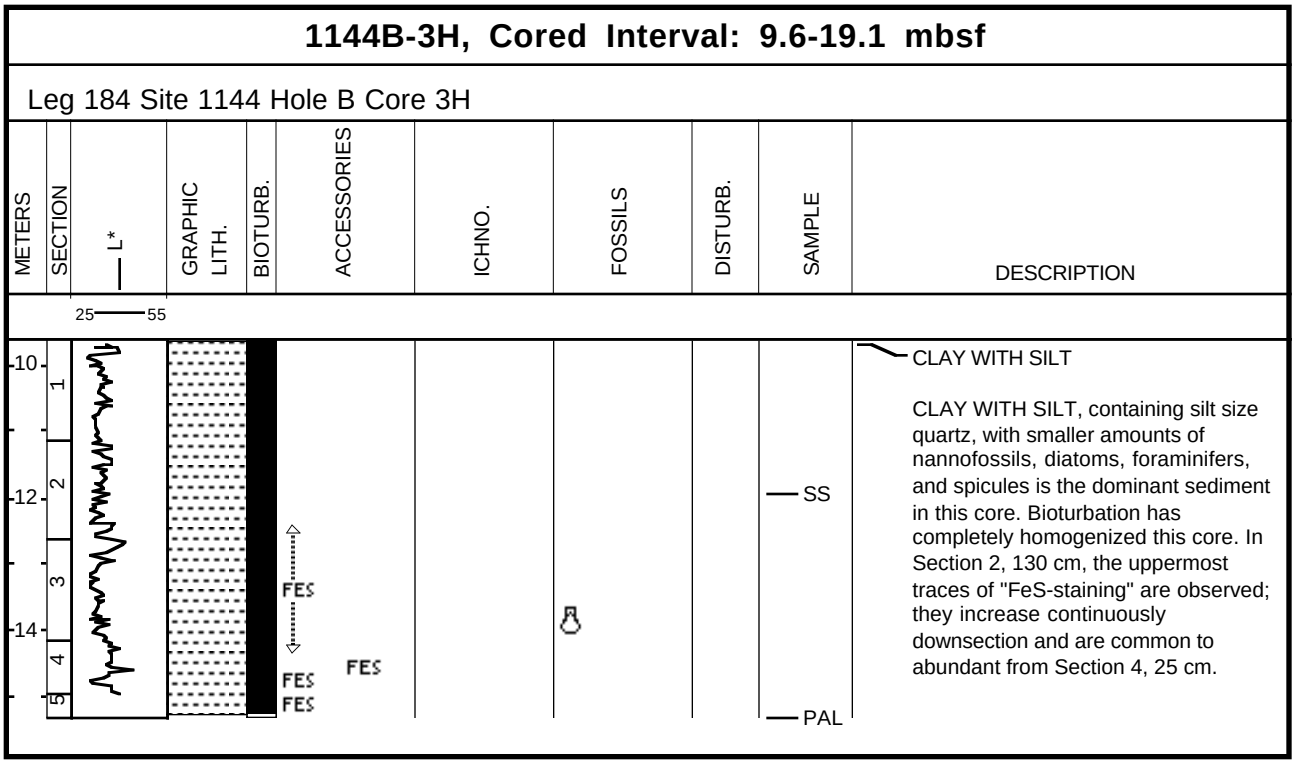
Core Photo


1144B-1H, Cored Interval: 0.0-0.1 mbsf
Leg 184 Site 1144 Hole B Core 1H
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
PAL
CLAY
The sediment consists of extremely soupy dark greenish gray CLAY. The oxydized layer was not recovered.

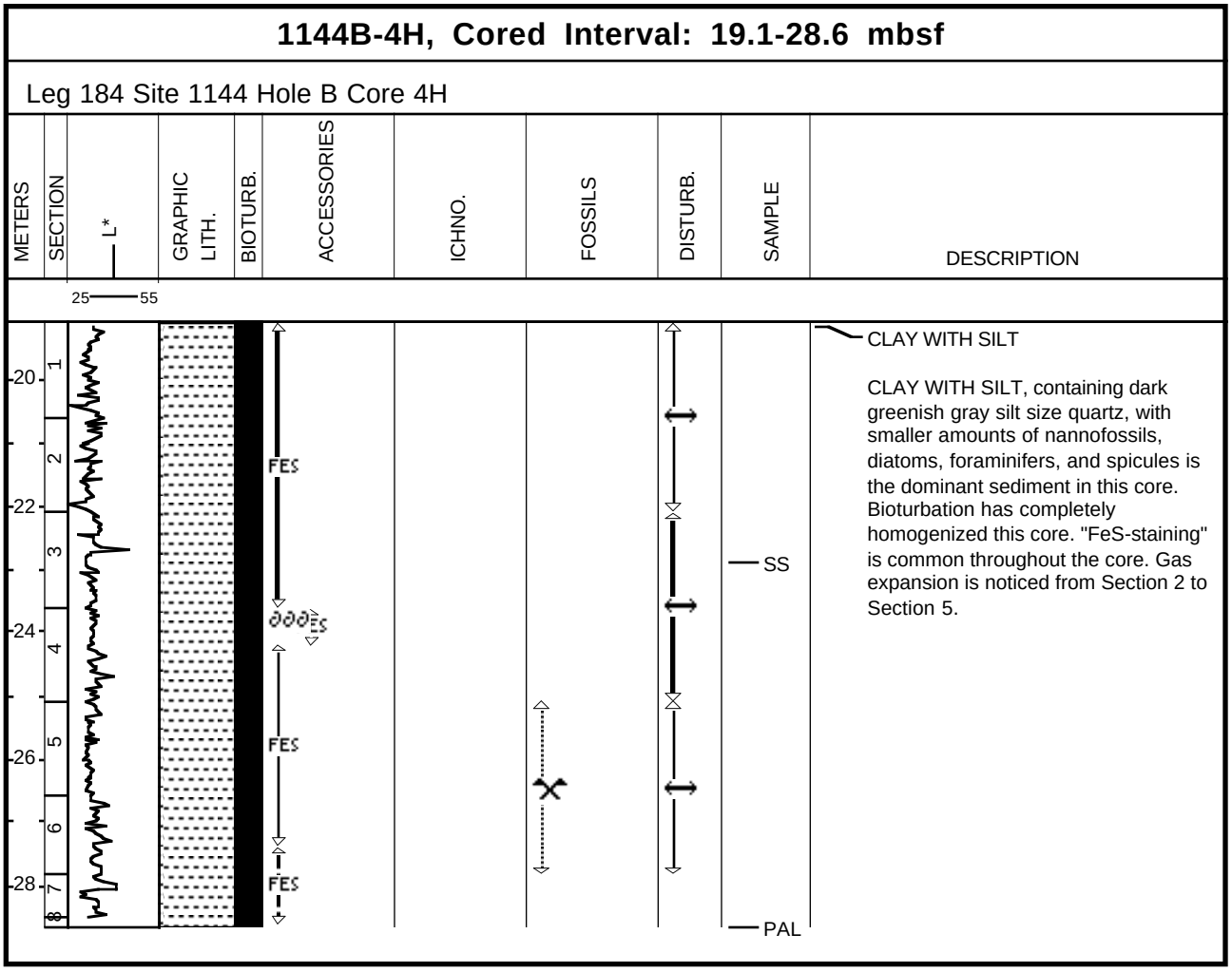
Core Photo


1144B-2H, Core Interval: 0.1-9.6 mbsf
Leg 184 Site 1144 Hole B Core 2H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
SS
CLAY WITH SILT
CLAY WITH SILT, containing silt size quartz, with smaller amounts of nannofossils, radiolarians, foraminifers, spicules, and shell fragments, is the dominant sediment in this core. Bioturbation has completely homogenized this core.
SS
PAL

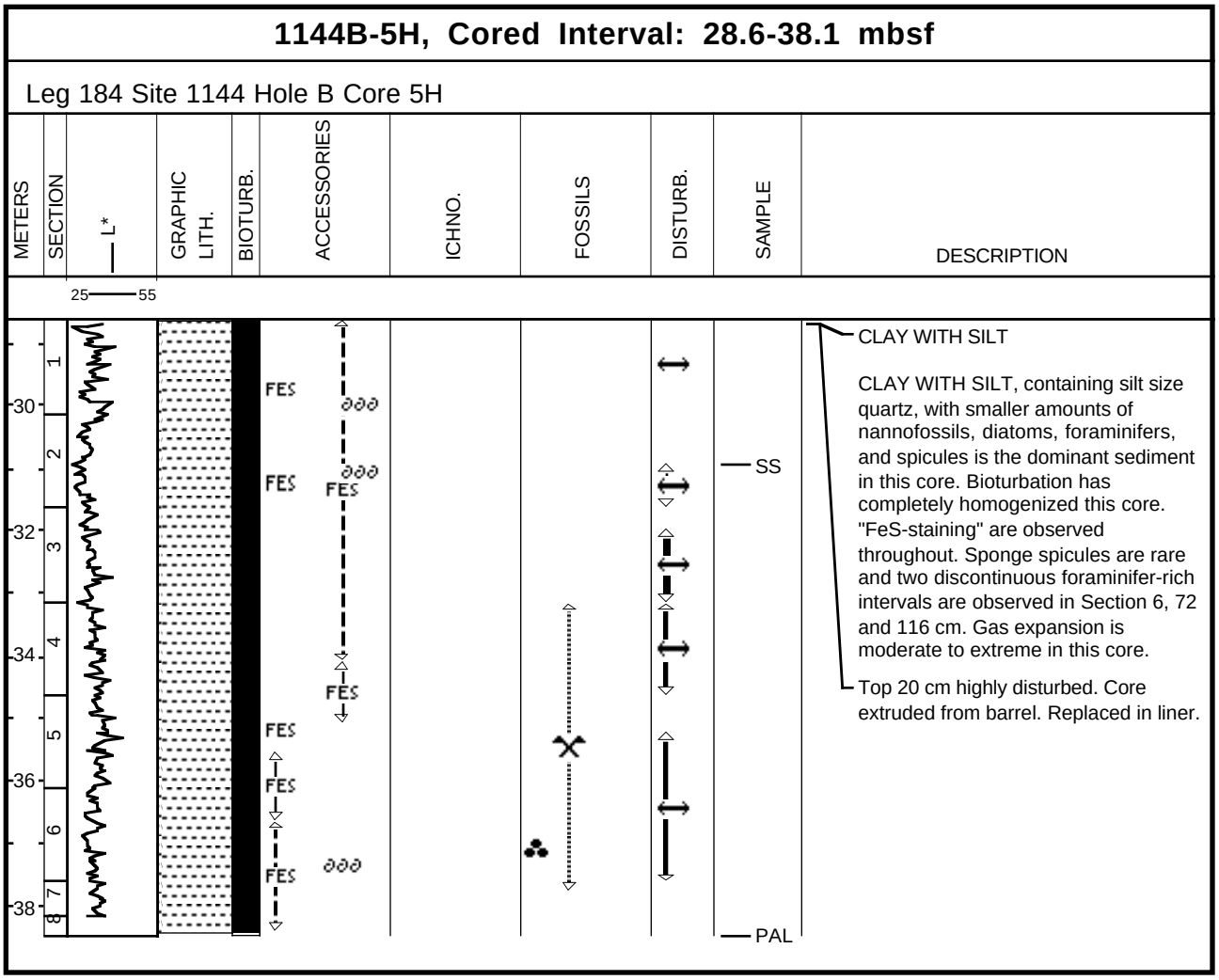
Core Photo


1144B-3H, Cored Interval: 9.6-19.1 mbsf
Leg 184 Site 1144 Hole B Core 3H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
10
12
14
1
2
3
4
5
FES
FES
FES
FES
SS
PAL
CLAY WITH SILT
CLAY WITH SILT, containing silt size quartz, with smaller amounts of nannofossils, diatoms, foraminifers, and spicules is the dominant sediment in this core. Bioturbation has completely homogenized this core. In Section 2, 130 cm, the uppermost traces of "FeS-staining" are observed; they increase continuously downsection and are common to abundant from Section 4, 25 cm.

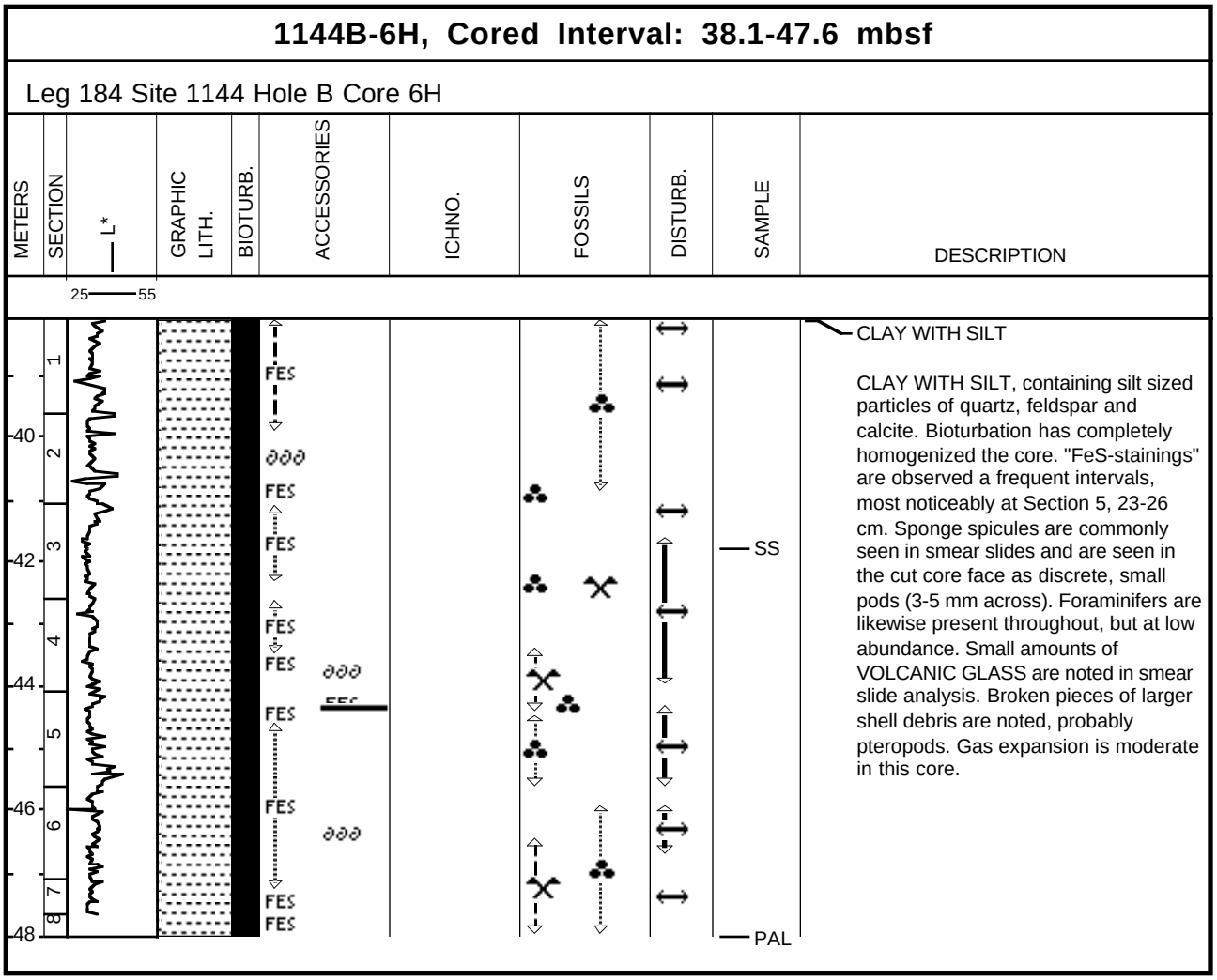
Core Photo


1144B-4H, Cored Interval: 19.1-28.6 mbsf
Leg 184 Site 1144 Hole B Core 4H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
20
22
24
26
28
1
2
3
4
5
6
7
FES
FES
FES
SS
PAL
CLAY WITH SILT
CLAY WITH SILT, containing dark greenish gray silt size quartz, with smaller amounts of nannofossils, diatoms, foraminifers, and spicules is the dominant sediment in this core. Bioturbation has completely homogenized this core. "FeS-staining" is common throughout the core. Gas expansion is noticed from Section 2 to Section 5.

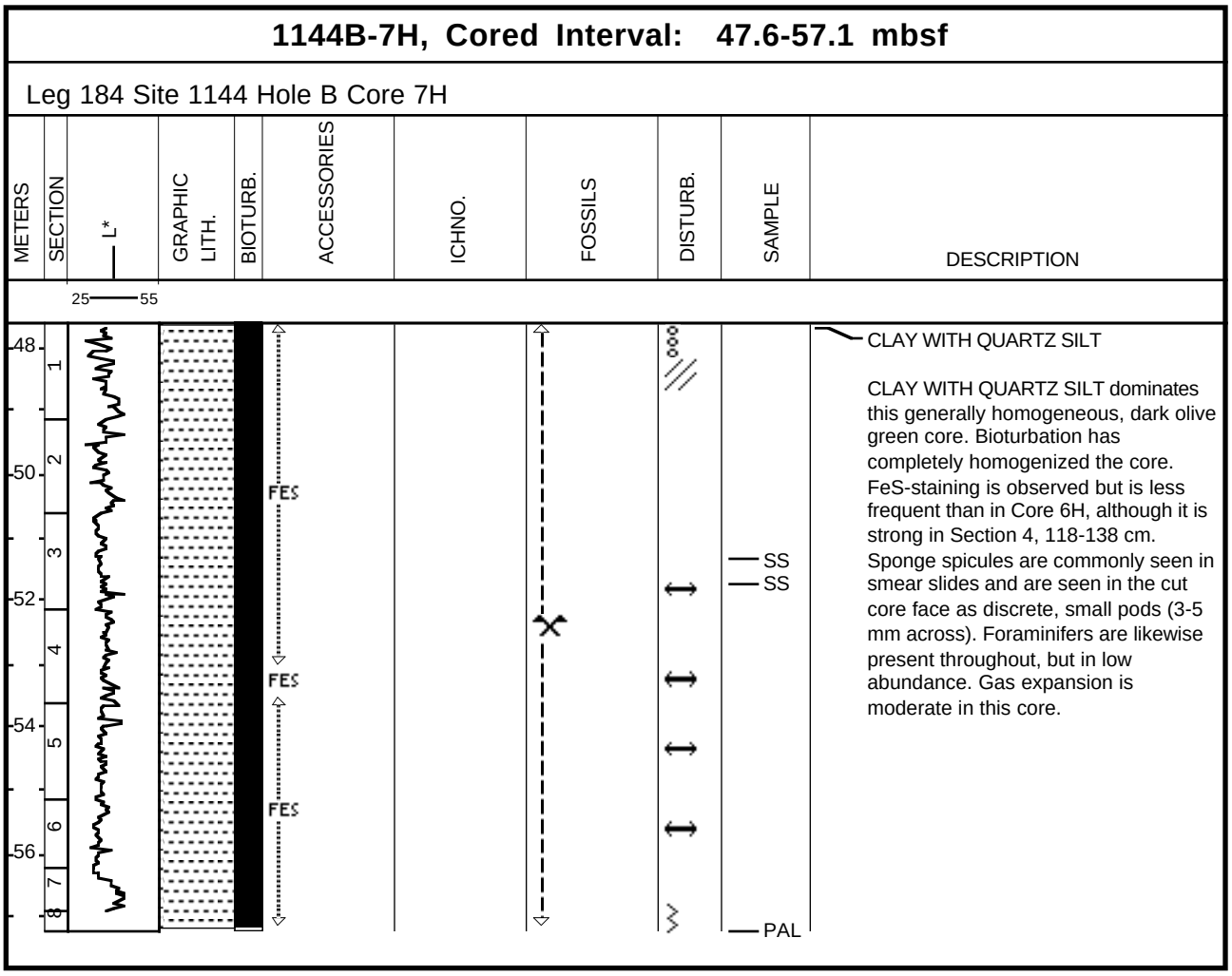
Core Photo


1144B-5H, Cored Interval: 28.6-38.1 mbsf
Leg 184 Site 1144 Hole B Core 5H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
30
32
34
36
38
1
2
3
4
5
6
7
FES
SS
PAL
CLAY WITH SILT
CLAY WITH SILT, containing silt size quartz, with smaller amounts of nannofossils, diatoms, foraminifers, and spicules is the dominant sediment in this core. Bioturbation has completely homogenized this core. "FeS-staining" are observed throughout. Sponge spicules are rare and two discontinuous foraminifer-rich intervals are observed in Section 6, 72 and 116 cm. Gas expansion is moderate to extreme in this core.
Top 20 cm highly disturbed. Core extruded from barrel. Replaced in liner.

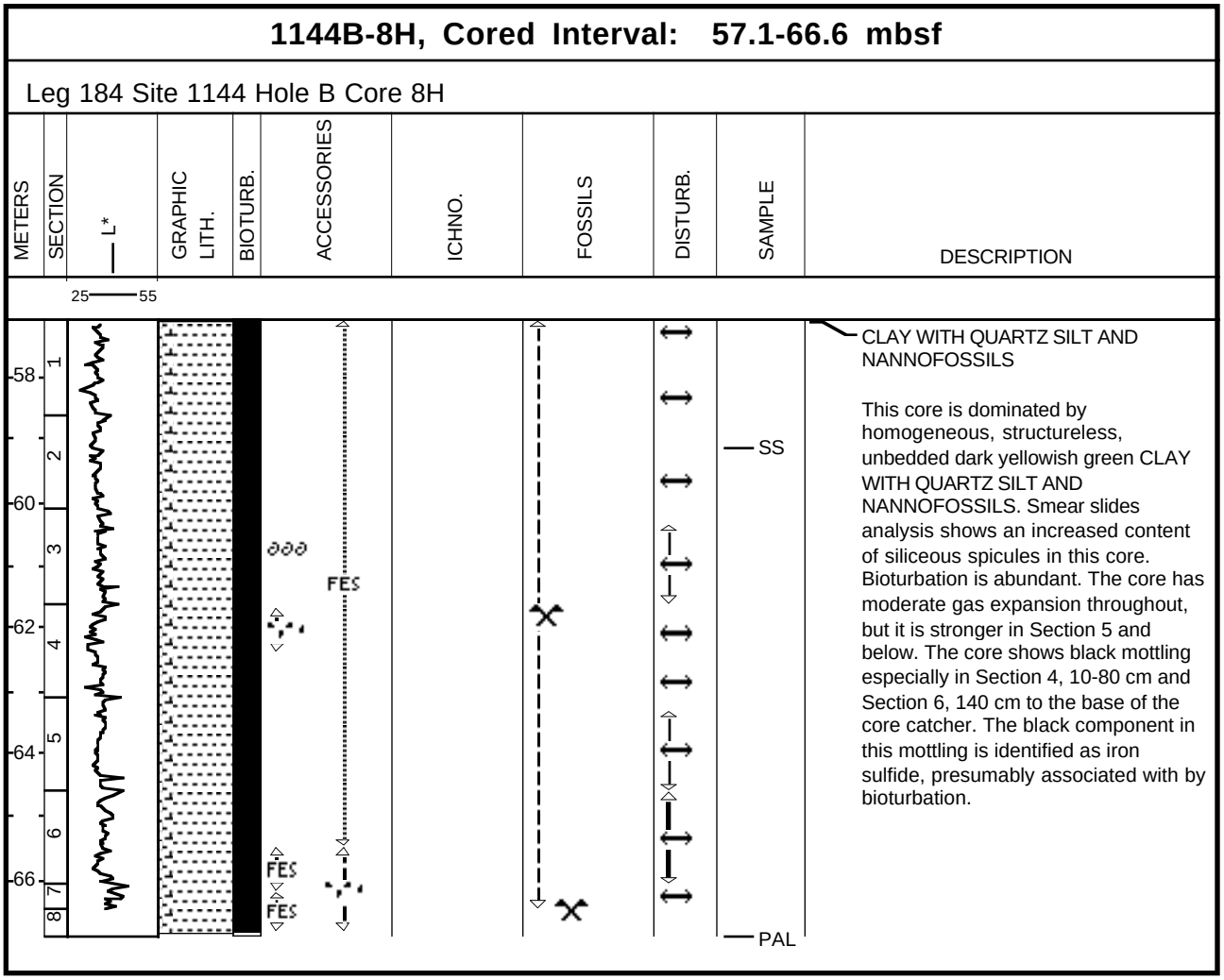
Core Photo


1144B-6H, Cored Interval: 38.1-47.6 mbsf
Leg 184 Site 1144 Hole B Core 6H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
40
42
44
46
48
1
2
3
4
5
6
7
CC
FES
SS
PAL
CLAY WITH SILT
CLAY WITH SILT, containing silt sized particles of quartz, feldspar and calcite. Bioturbation has completely homogenized the core. "FeS-stainings" are observed a frequent intervals, most noticeably at Section 5, 23-26 cm. Sponge spicules are commonly seen in smear slides and are seen in the cut core face as discrete, small pods (3-5 mm across). Foraminifers are likewise present throughout, but at low abundance. Small amounts of VOLCANIC GLASS are noted in smear slide analysis. Broken pieces of larger shell debris are noted, probably pteropods. Gas expansion is moderate in this core.

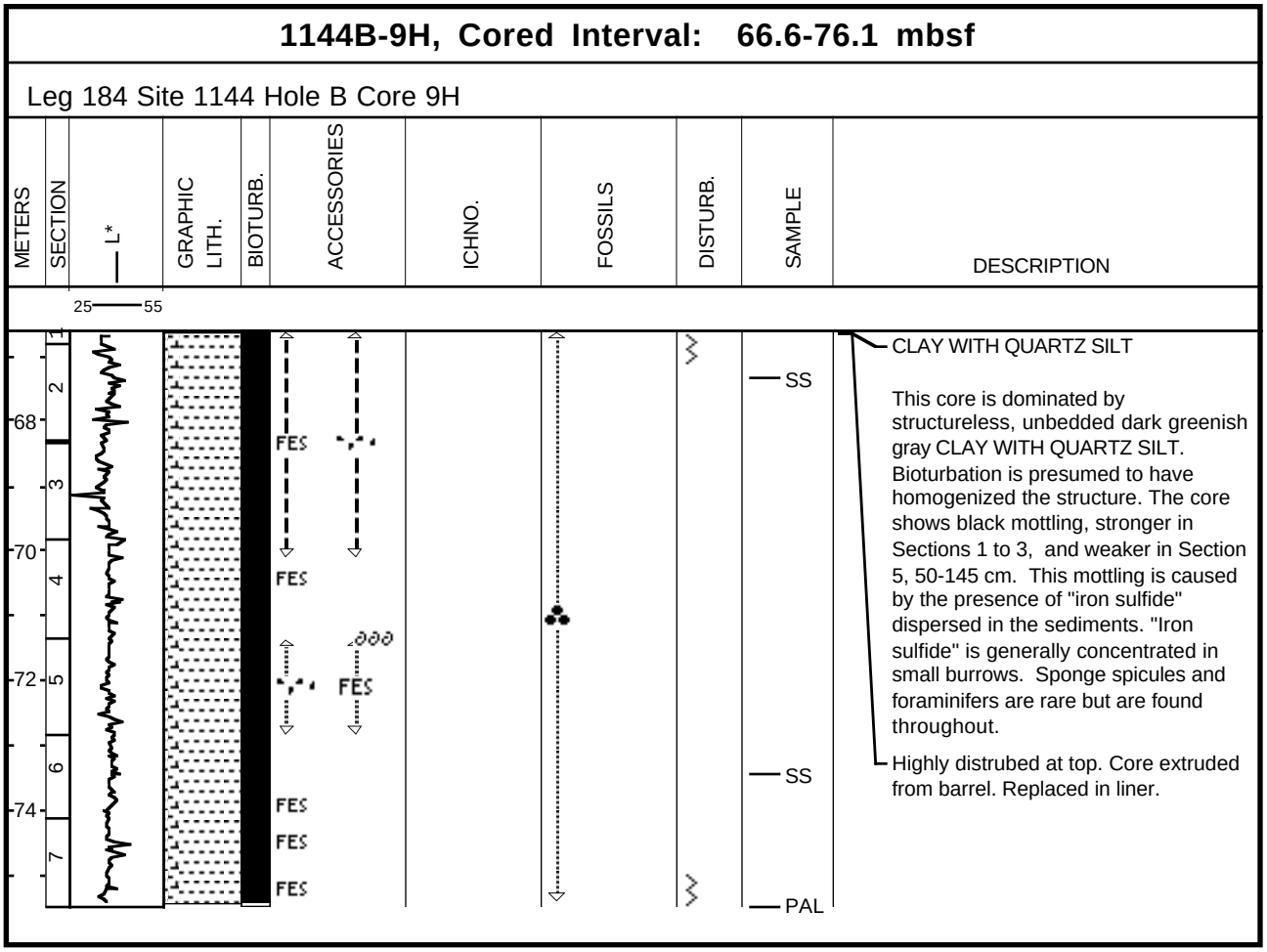
Core Photo


1144B-7H, Cored Interval: 47.6-57.1 mbsf
Leg 184 Site 1144 Hole B Core 7H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
48
50
52
54
56
1
2
3
4
5
6
7
FES
FES
FES
SS
SS
PAL
CLAY WITH QUARTZ SILT
CLAY WITH QUARTZ SILT dominates this generally homogeneous, dark olive green core. Bioturbation has completely homogenized the core. FeS-staining is observed but is less frequent than in Core 6H, although it is strong in Section 4, 118-138 cm. Sponge spicules are commonly seen in smear slides and are seen in the cut core face as discrete, small pods (3-5 mm across). Foraminifers are likewise present throughout, but in low abundance. Gas expansion is moderate in this core.

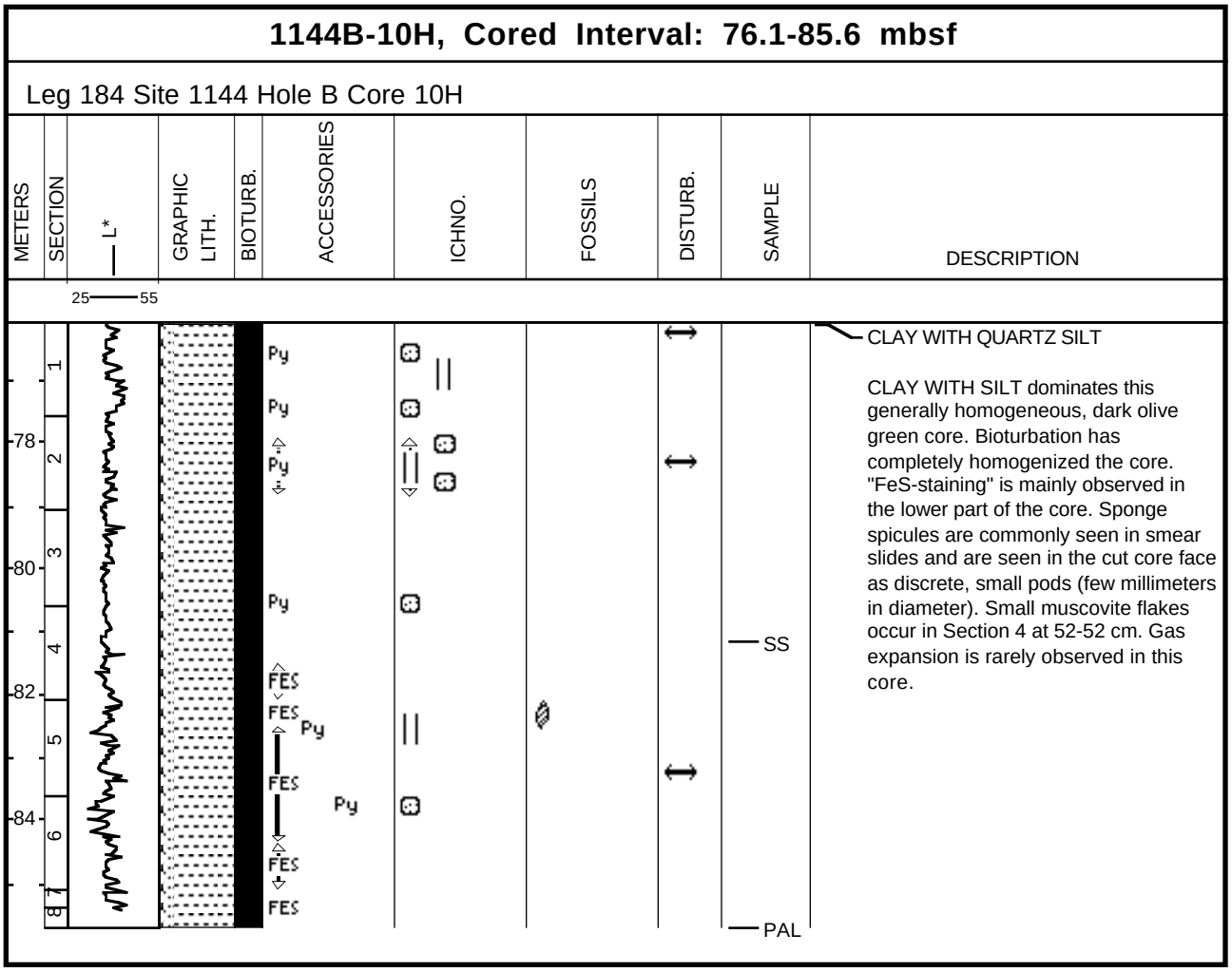
Core Photo


1144B-8H, Cored Interval: 57.1-66.6 mbsf
Leg 184 Site 1144 Hole B Core 8H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
58
60
62
64
66
1
2
3
4
5
6
7
8
FES
FES
FES
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
This core is dominated by homogeneous, structureless, unbedded dark yellowish green CLAY WITH QUARTZ SILT AND NANNOFOSSILS. Smear slides analysis shows an increased content of siliceous spicules in this core. Bioturbation is abundant. The core has moderate gas expansion throughout, but it is stronger in Section 5 and below. The core shows black mottling especially in Section 4, 10-80 cm and Section 6, 140 cm to the base of the core catcher. The black component in this mottling is identified as iron sulfide, presumably associated with by bioturbation.

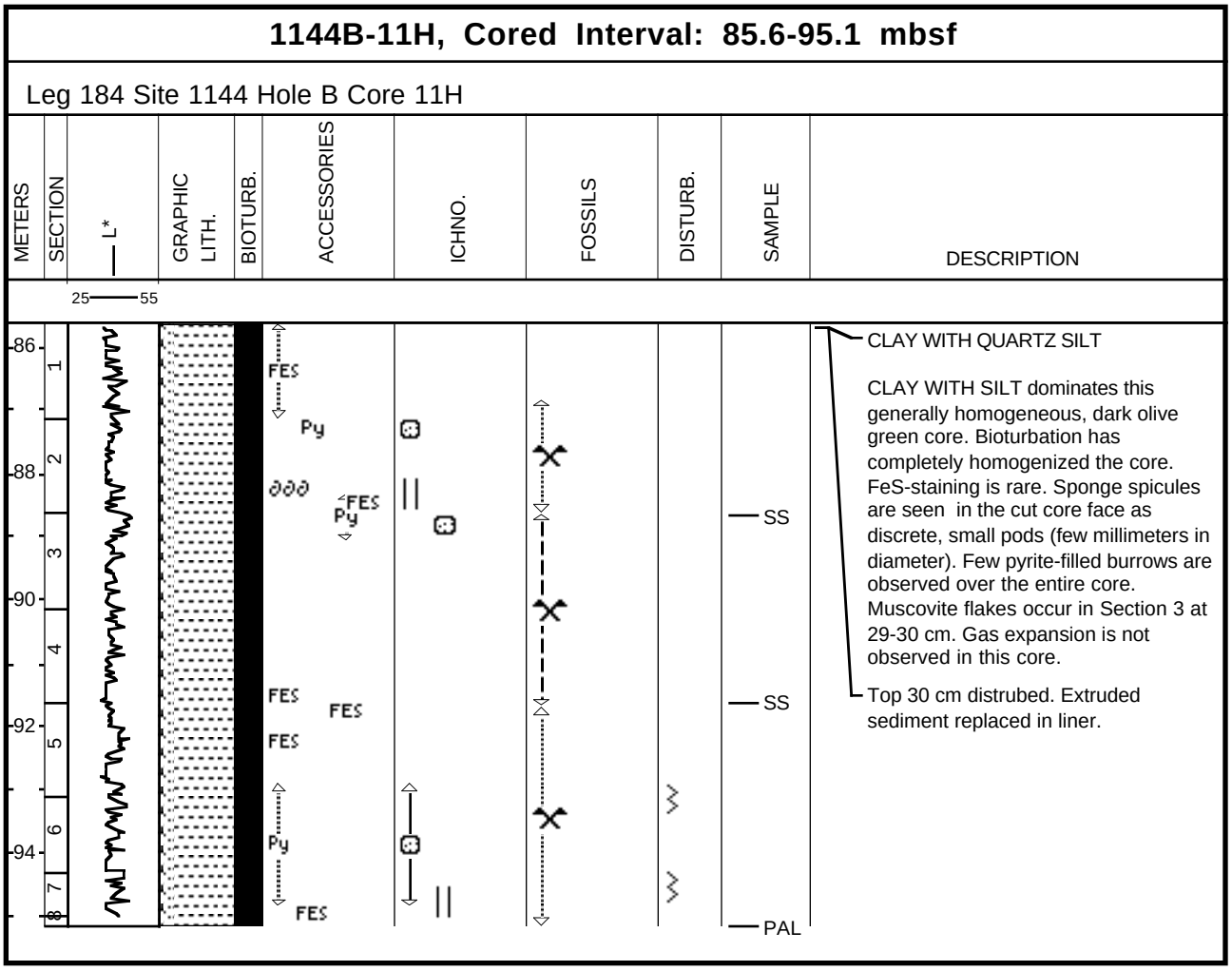
Core Photo


1144B-9H, Cored Interval: 66.6-76.1 mbsf
Leg 184 Site 1144 Hole B Core 9H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
68
70
72
74
1
2
3
4
5
6
7
FES
FES
FES
FES
FES
SS
SS
PAL
CLAY WITH QUARTZ SILT
This core is dominated by structureless, unbedded dark greenish gray CLAY WITH QUARTZ SILT. Bioturbation is presumed to have homogenized the structure. The core shows black mottling, stronger in Sections 1 to 3, and weaker in Section 5, 50-145 cm. This mottling is caused by the presence of "iron sulfide" dispersed in the sediments. "Iron sulfide" is generally concentrated in small burrows. Sponge spicules and foraminifers are rare but are found throughout.
Highly distrubed at top. Core extruded from barrel. Replaced in liner.

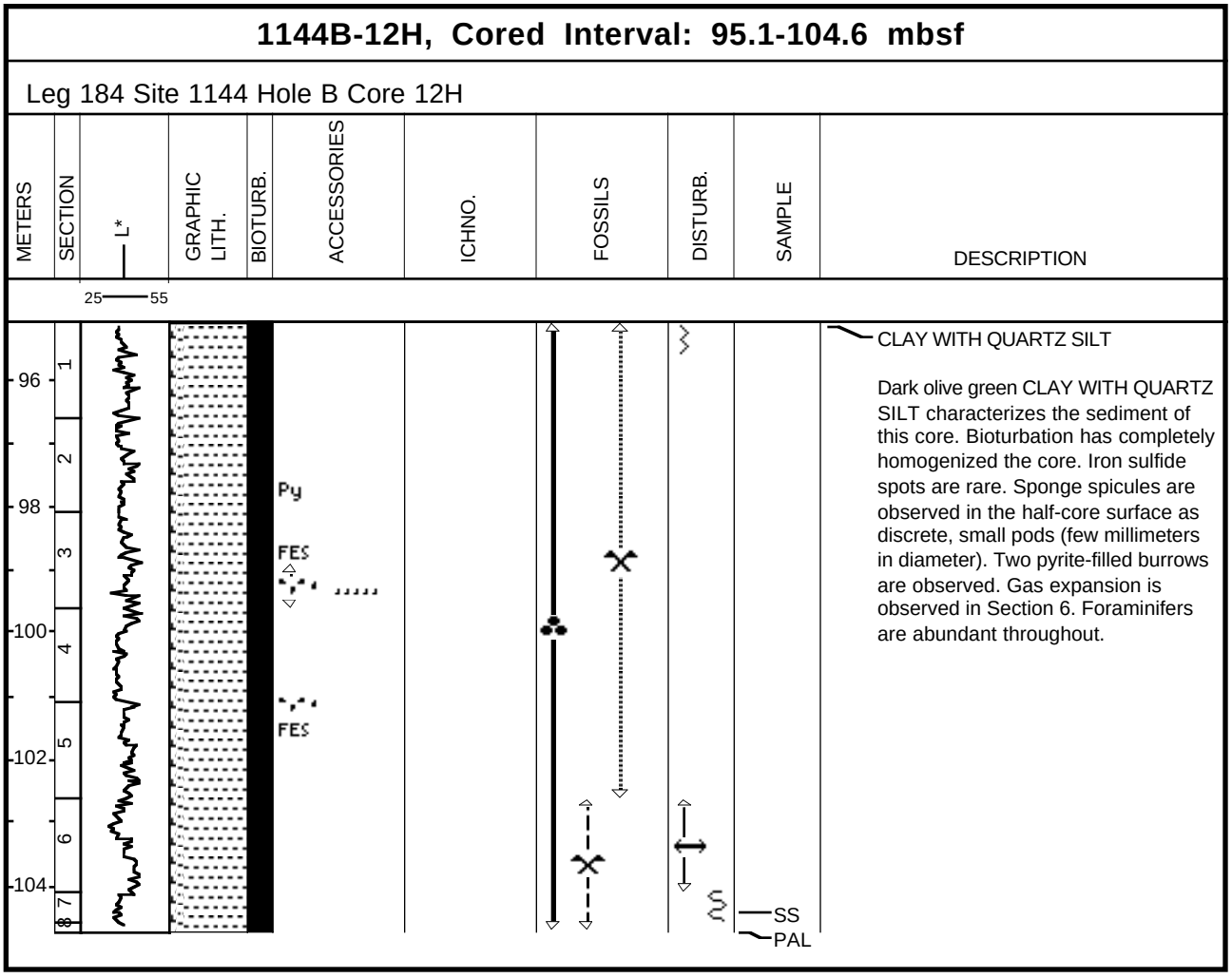
Core Photo


1144B-10H, Cored Interval: 76.1-85.6 mbsf
Leg 184 Site 1144 Hole B Core 10H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
78
80
82
84
1
2
3
4
5
6
7
Py
FES
SS
PAL
CLAY WITH QUARTZ SILT
CLAY WITH SILT dominates this generally homogeneous, dark olive green core. Bioturbation has completely homogenized the core. "FeS-staining" is mainly observed in the lower part of the core. Sponge spicules are commonly seen in smear slides and are seen in the cut core face as discrete, small pods (few millimeters in diameter). Small muscovite flakes occur in Section 4 at 52-52 cm. Gas expansion is rarely observed in this core.

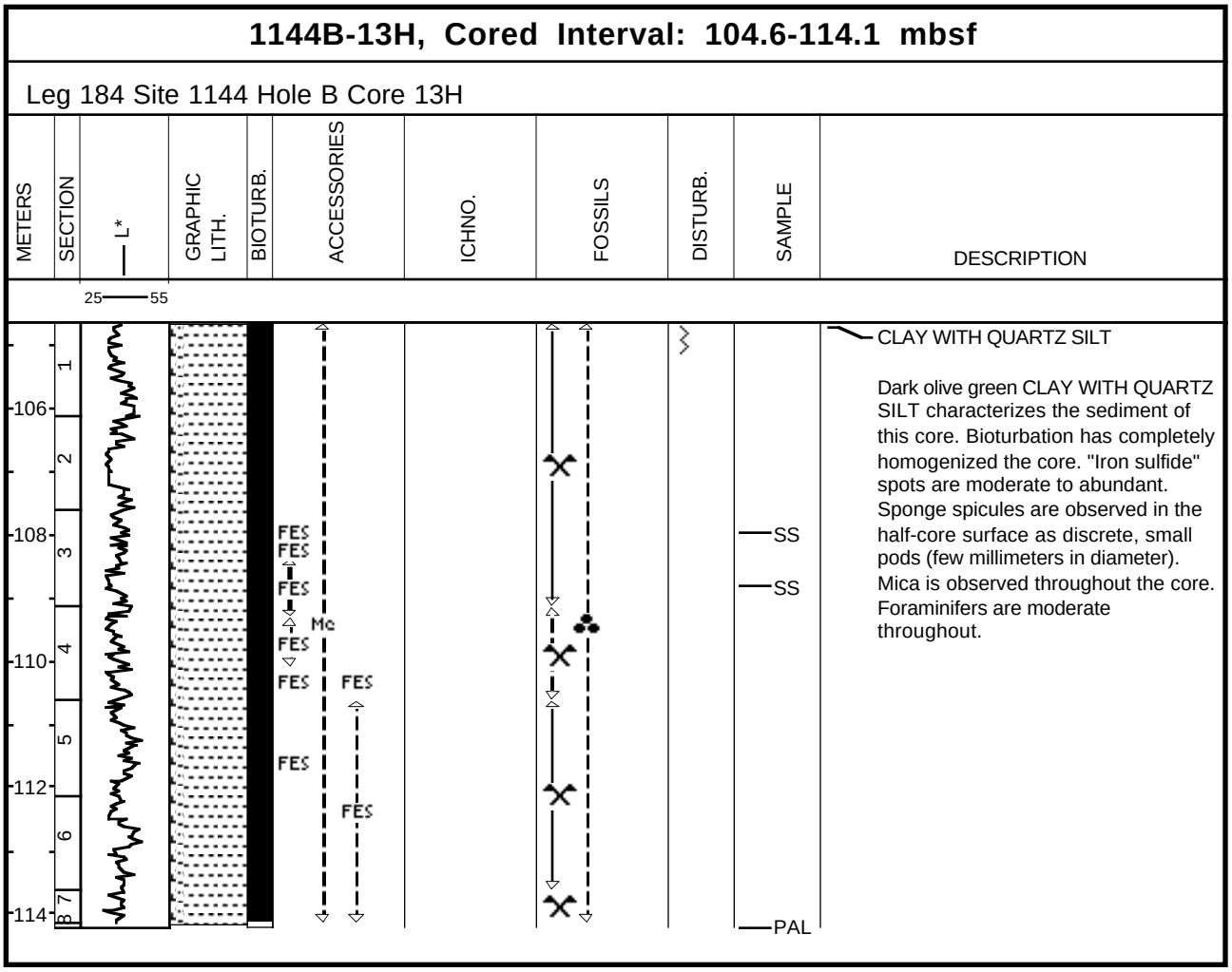
Core Photo


1144B-11H, Cored Interval: 85.6-95.1 mbsf
Leg 184 Site 1144 Hole B Core 11H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
86
88
90
92
94
1
2
3
4
5
6
7
FES
Py
SS
PAL
CLAY WITH QUARTZ SILT
CLAY WITH SILT dominates this generally homogeneous, dark olive green core. Bioturbation has completely homogenized the core. FeS-staining is rare. Sponge spicules are seen in the cut core face as discrete, small pods (few millimeters in diameter). Few pyrite-filled burrows are observed over the entire core. Muscovite flakes occur in Section 3 at 29-30 cm. Gas expansion is not observed in this core.
Top 30 cm distrubed. Extruded sediment replaced in liner.

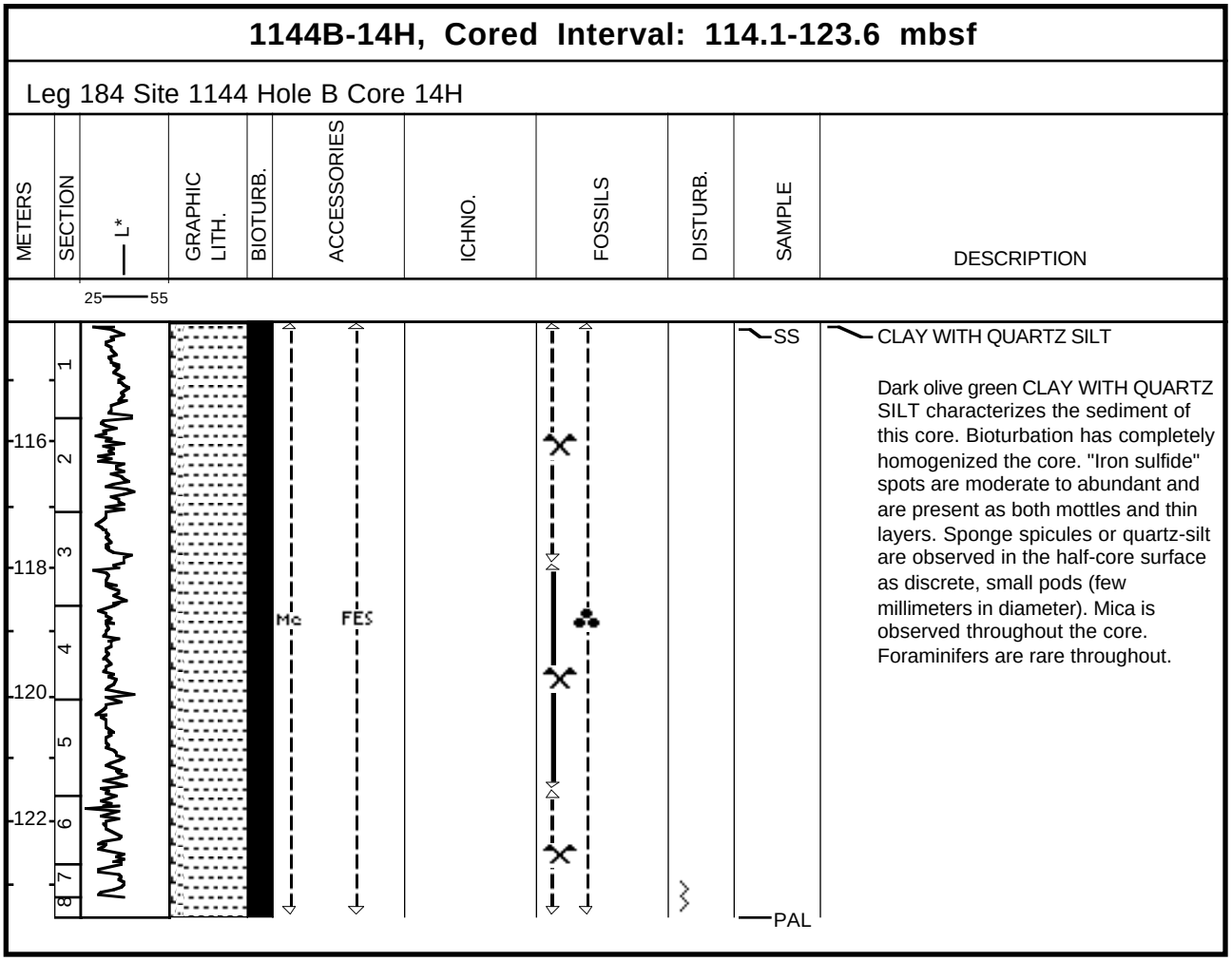
Core Photo


1144B-12H, Cored Interval: 95.1-104.6 mbsf
Leg 184 Site 1144 Hole B Core 12H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
96
98
100
102
104
1
2
3
4
5
6
7
Py
FES
FES
SS
PAL
CLAY WITH QUARTZ SILT
Dark olive green CLAY WITH QUARTZ SILT characterizes the sediment of this core. Bioturbation has completely homogenized the core. Iron sulfide spots are rare. Sponge spicules are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Two pyrite-filled burrows are observed. Gas expansion is observed in Section 6. Foraminifers are abundant throughout.

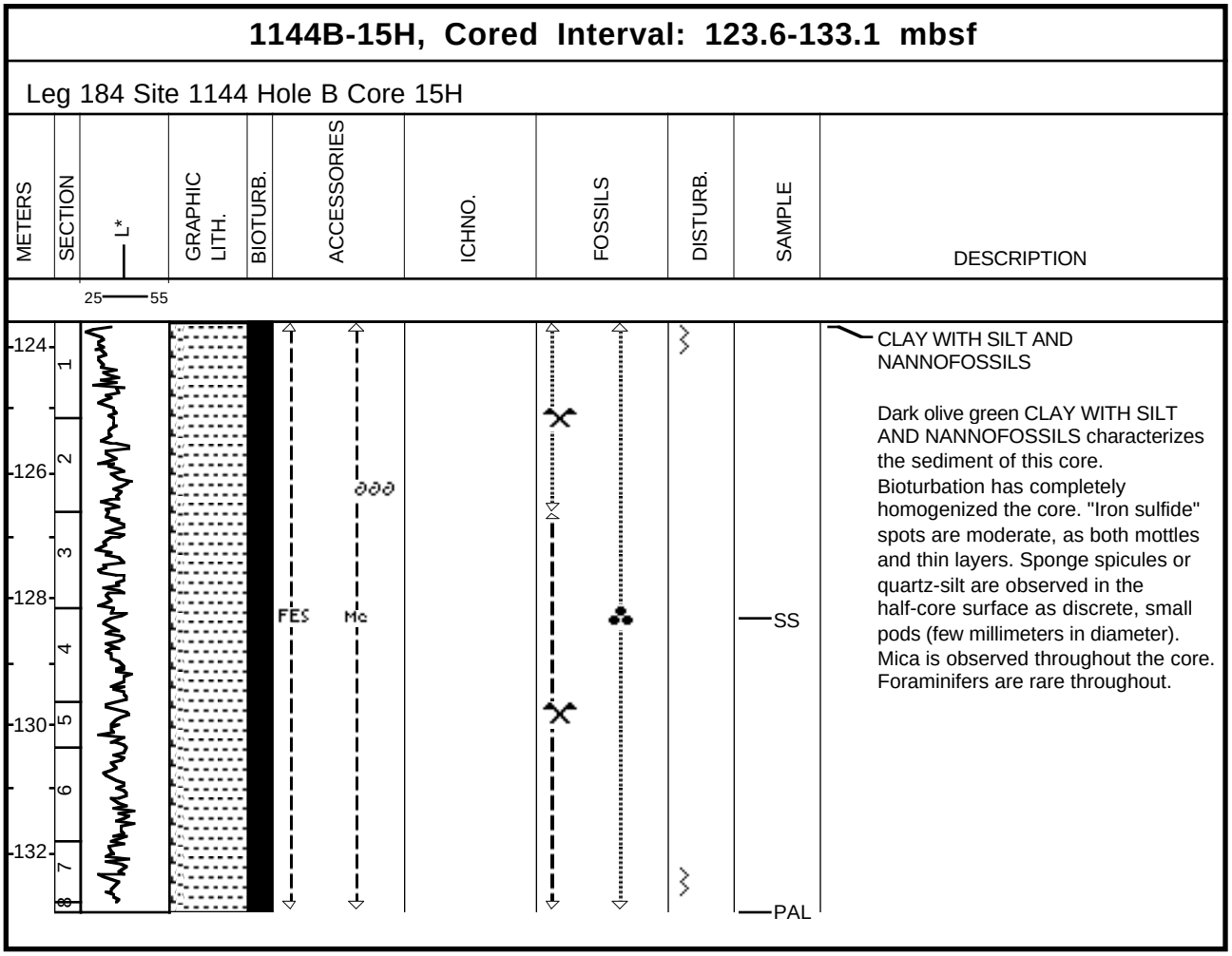
Core Photo


1144B-13H, Cored Interval: 104.6-114.1 mbsf
Leg 184 Site 1144 Hole B Core 13H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
106
108
110
112
114
1
2
3
4
5
6
7
CC
FES
Mc
SS
PAL
CLAY WITH QUARTZ SILT
Dark olive green CLAY WITH QUARTZ SILT characterizes the sediment of this core. Bioturbation has completely homogenized the core. "Iron sulfide" spots are moderate to abundant. Sponge spicules are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are moderate throughout.

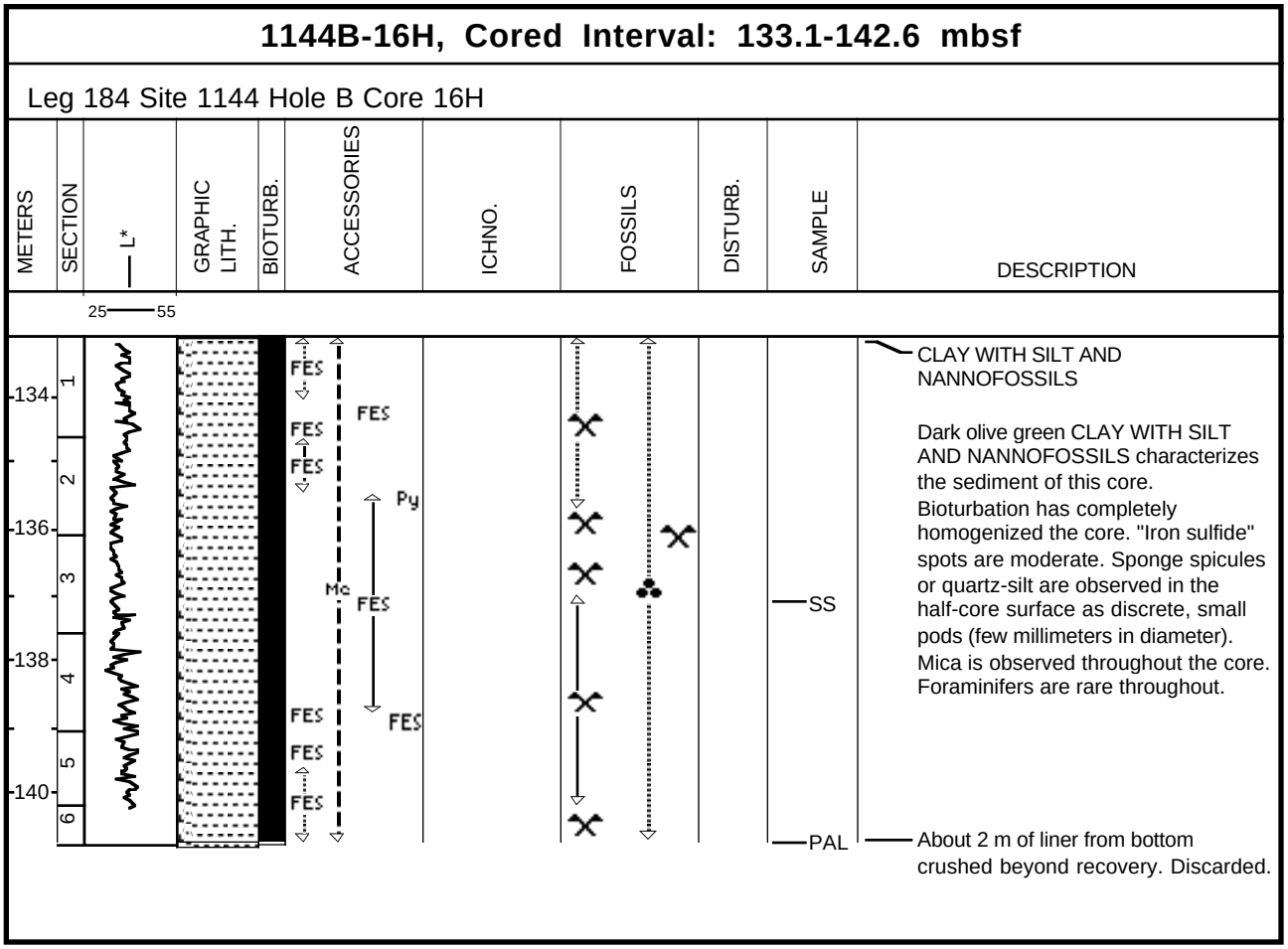
Core Photo


1144B-14H, Cored Interval: 114.1-123.6 mbsf
Leg 184 Site 1144 Hole B Core 14H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
116
118
120
122
1
2
3
4
5
6
7
Mo
FES
SS
PAL
CLAY WITH QUARTZ SILT
Dark olive green CLAY WITH QUARTZ SILT characterizes the sediment of this core. Bioturbation has completely homogenized the core. "Iron sulfide" spots are moderate to abundant and are present as both mottles and thin layers. Sponge spicules or quartz-silt are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are rare throughout.

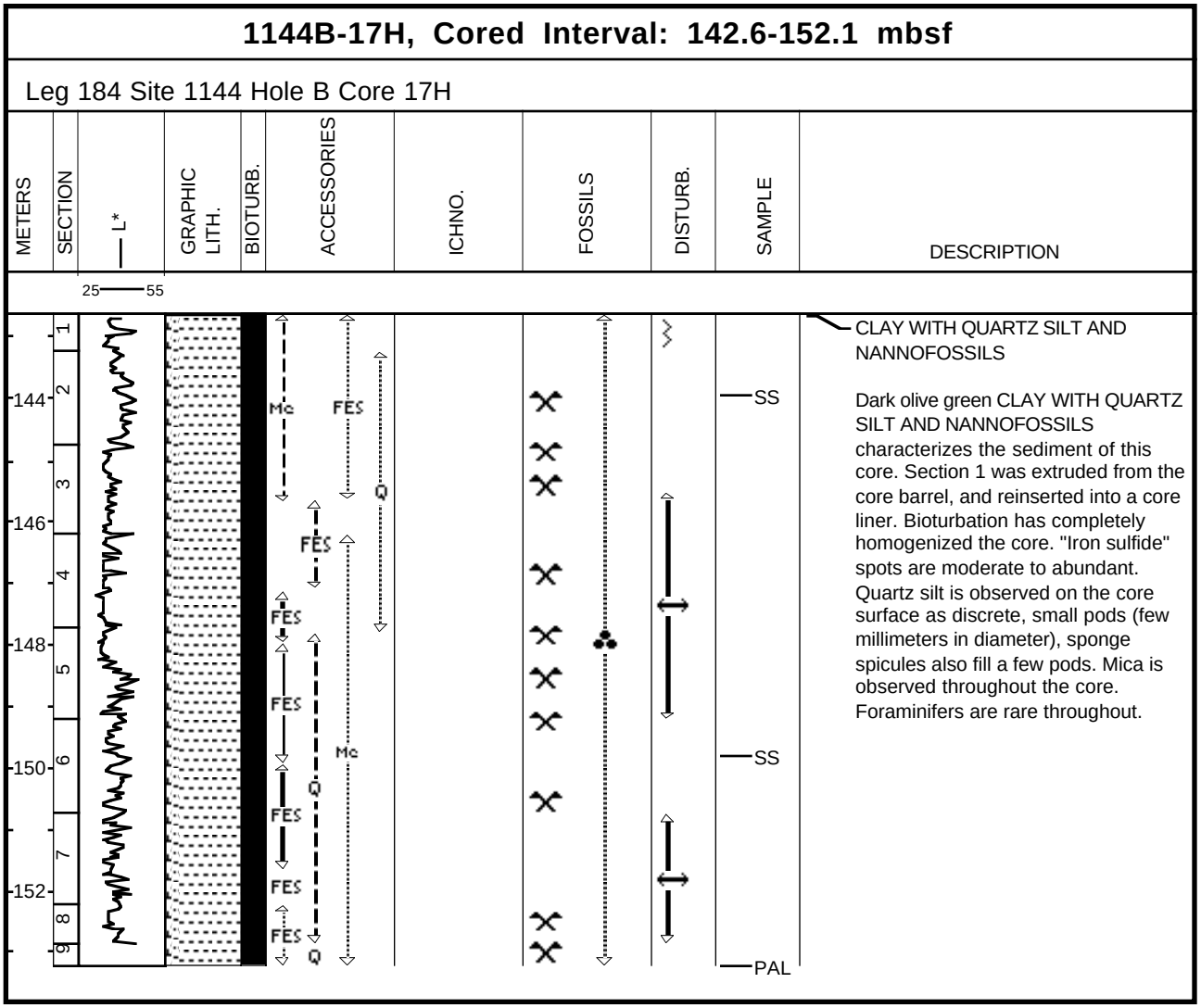
Core Photo


1144B-15H, Cored Interval: 123.6-133.1 mbsf
Leg 184 Site 1144 Hole B Core 15H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
124
126
128
130
132
1
2
3
4
5
6
7
FES
Mc
SS
PAL
CLAY WITH SILT AND NANNOFOSSILS
Dark olive green CLAY WITH SILT AND NANNOFOSSILS characterizes the sediment of this core. Bioturbation has completely homogenized the core. "Iron sulfide" spots are moderate, as both mottles and thin layers. Sponge spicules or quartz-silt are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are rare throughout.

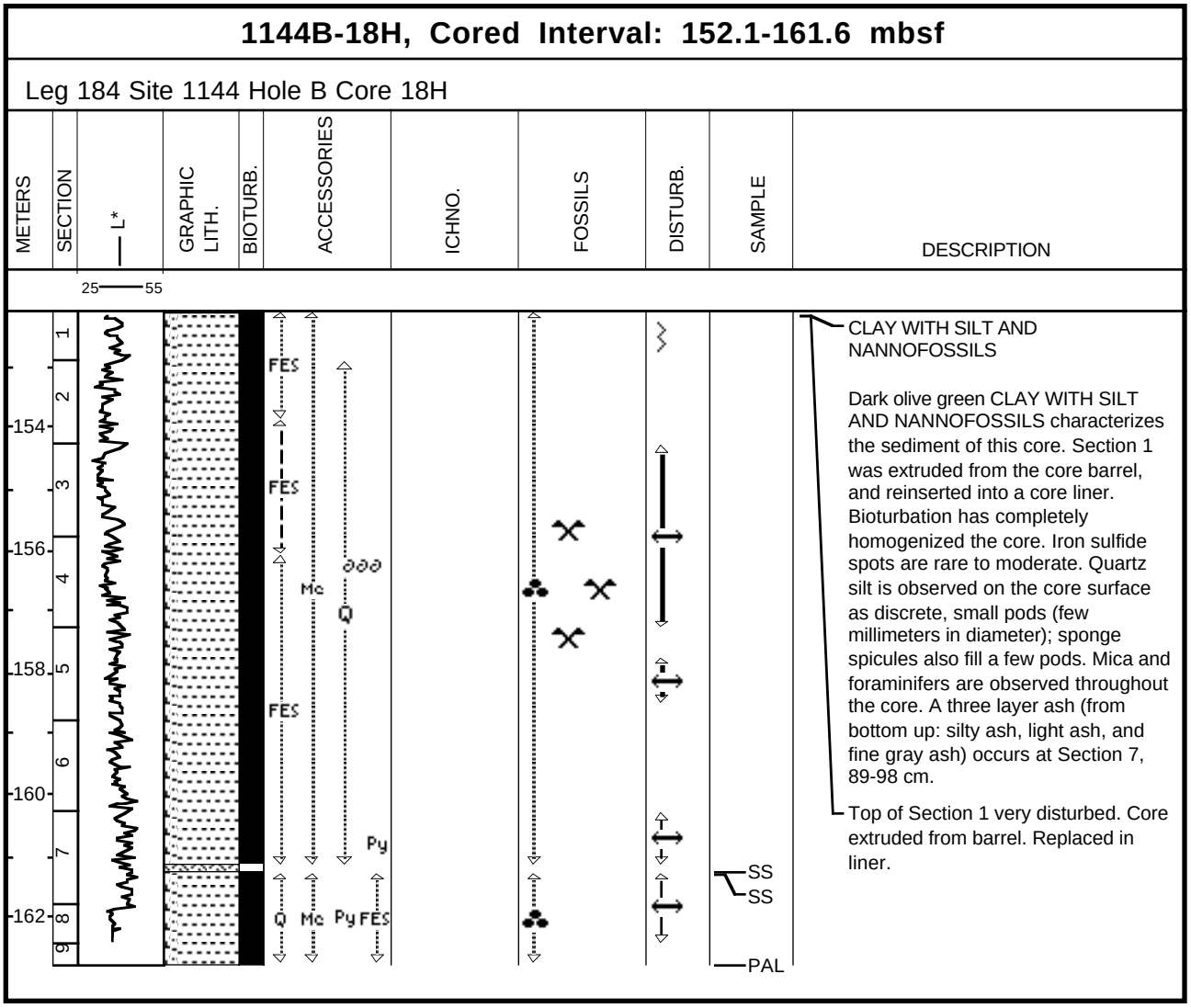
Core Photo


1144B-16H, Cored Interval: 133.1-142.6 mbsf
Leg 184 Site 1144 Hole B Core 16H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
134
136
138
140
1
2
3
4
5
6
FES
Py
Mc
SS
PAL
CLAY WITH SILT AND NANNOFOSSILS
Dark olive green CLAY WITH SILT AND NANNOFOSSILS characterizes the sediment of this core. Bioturbation has completely homogenized the core. "Iron sulfide" spots are moderate. Sponge spicules or quartz-silt are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are rare throughout.
About 2 m of liner from bottom crushed beyond recovery. Discarded.

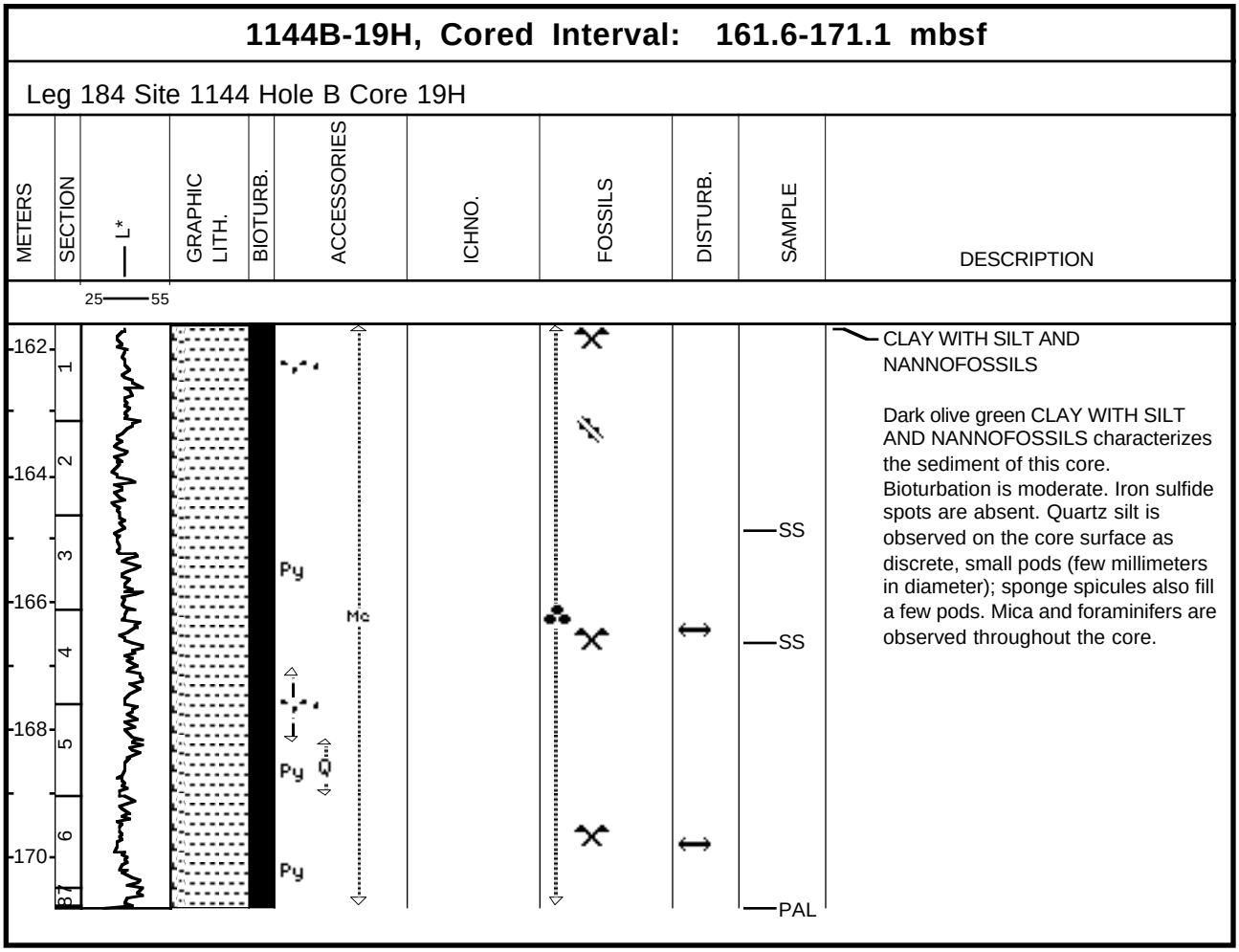
Core Photo


1144B-17H, Cored Interval: 142.6-152.1 mbsf
Leg 184 Site 1144 Hole B Core 17H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
144
146
148
150
152
1
2
3
4
5
6
7
8
9
Mc
FES
Q
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Dark olive green CLAY WITH QUARTZ SILT AND NANNOFOSSILS characterizes the sediment of this core. Section 1 was extruded from the core barrel, and reinserted into a core liner. Bioturbation has completely homogenized the core. "Iron sulfide" spots are moderate to abundant. Quartz silt is observed on the core surface as discrete, small pods (few millimeters in diameter), sponge spicules also fill a few pods. Mica is observed throughout the core. Foraminifers are rare throughout.

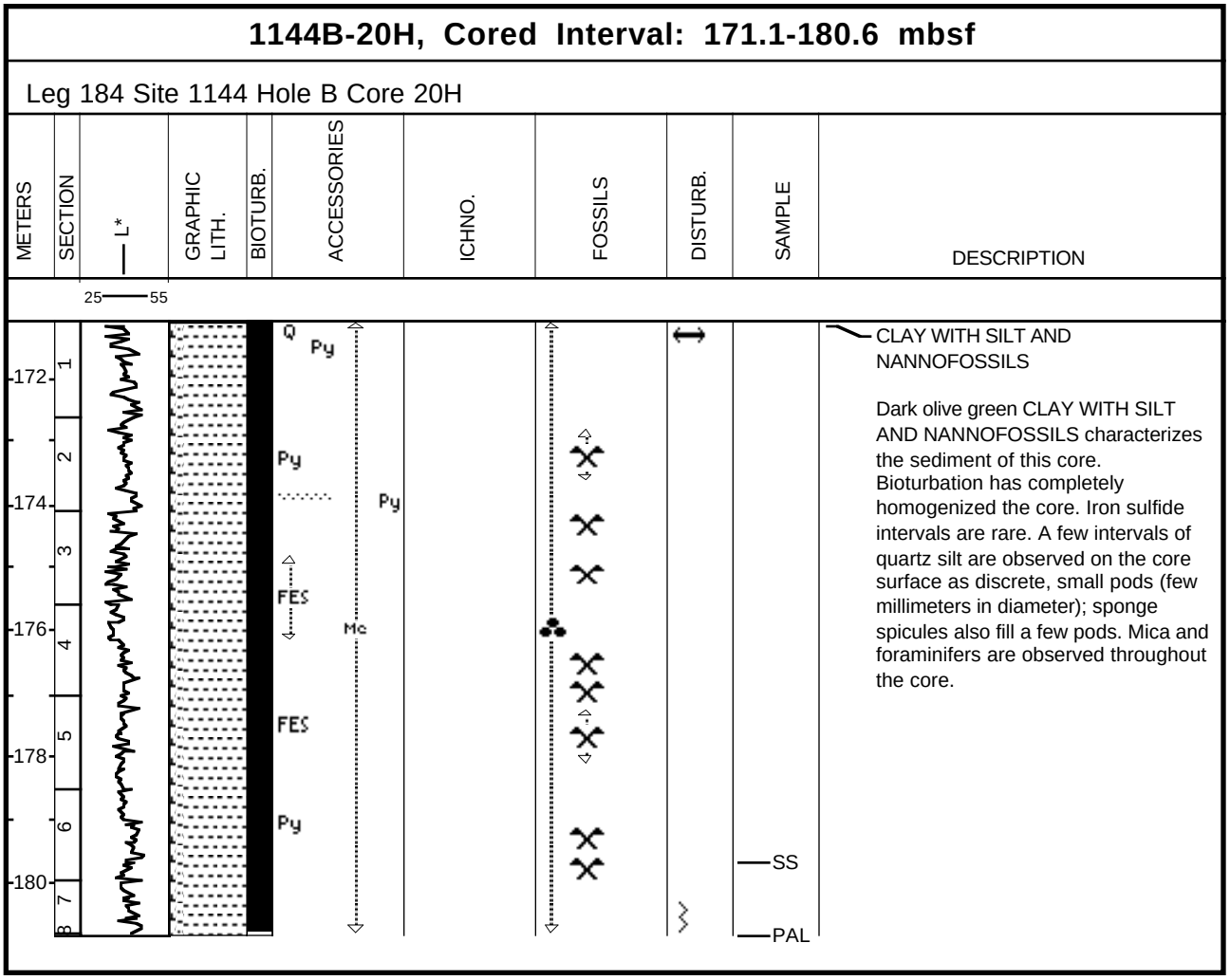
Core Photo


1144B-18H, Cored Interval: 152.1-161.6 mbsf
Leg 184 Site 1144 Hole B Core 18H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
154
156
158
160
162
1
2
3
4
5
6
7
8
9
FES
FES
FES
Mc
Q
Py
Q
Mc
Py
FES
SS
SS
PAL
CLAY WITH SILT AND NANNOFOSSILS
Dark olive green CLAY WITH SILT AND NANNOFOSSILS characterizes the sediment of this core. Section 1 was extruded from the core barrel, and reinserted into a core liner. Bioturbation has completely homogenized the core. Iron sulfide spots are rare to moderate. Quartz silt is observed on the core surface as discrete, small pods (few millimeters in diameter); sponge spicules also fill a few pods. Mica and foraminifers are observed throughout the core. A three layer ash (from bottom up: silty ash, light ash, and fine gray ash) occurs at Section 7, 89-98 cm.
Top of Section 1 very disturbed. Core extruded from barrel. Replaced in liner.

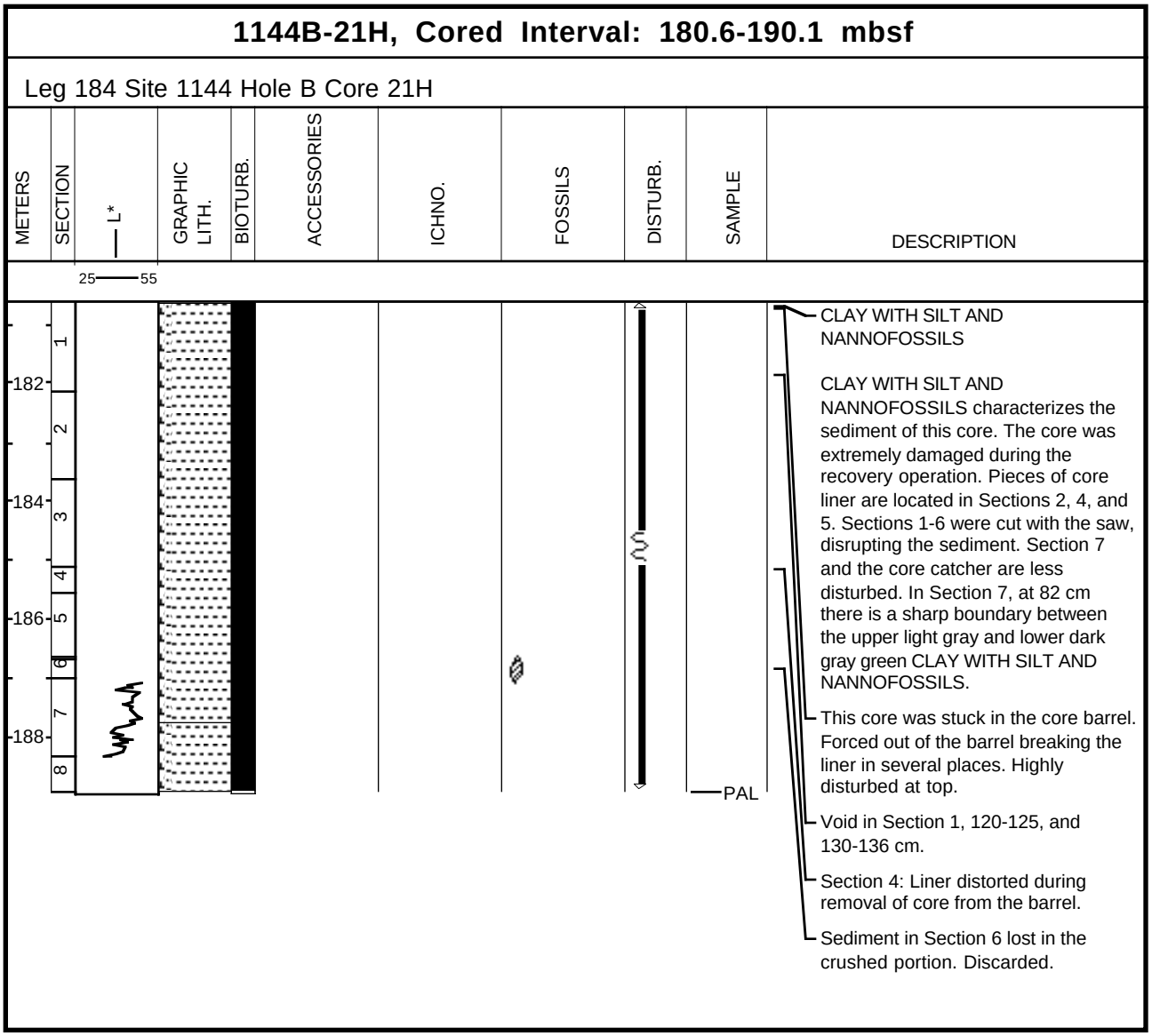
Core Photo


1144B-19H, Cored Interval: 161.6-171.1 mbsf
Leg 184 Site 1144 Hole B Core 19H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
162
164
166
168
170
1
2
3
4
5
6
CC
Py
Mc
Py
Q
Py
SS
SS
PAL
CLAY WITH SILT AND NANNOFOSSILS
Dark olive green CLAY WITH SILT AND NANNOFOSSILS characterizes the sediment of this core. Bioturbation is moderate. Iron sulfide spots are absent. Quartz silt is observed on the core surface as discrete, small pods (few millimeters in diameter); sponge spicules also fill a few pods. Mica and foraminifers are observed throughout the core.

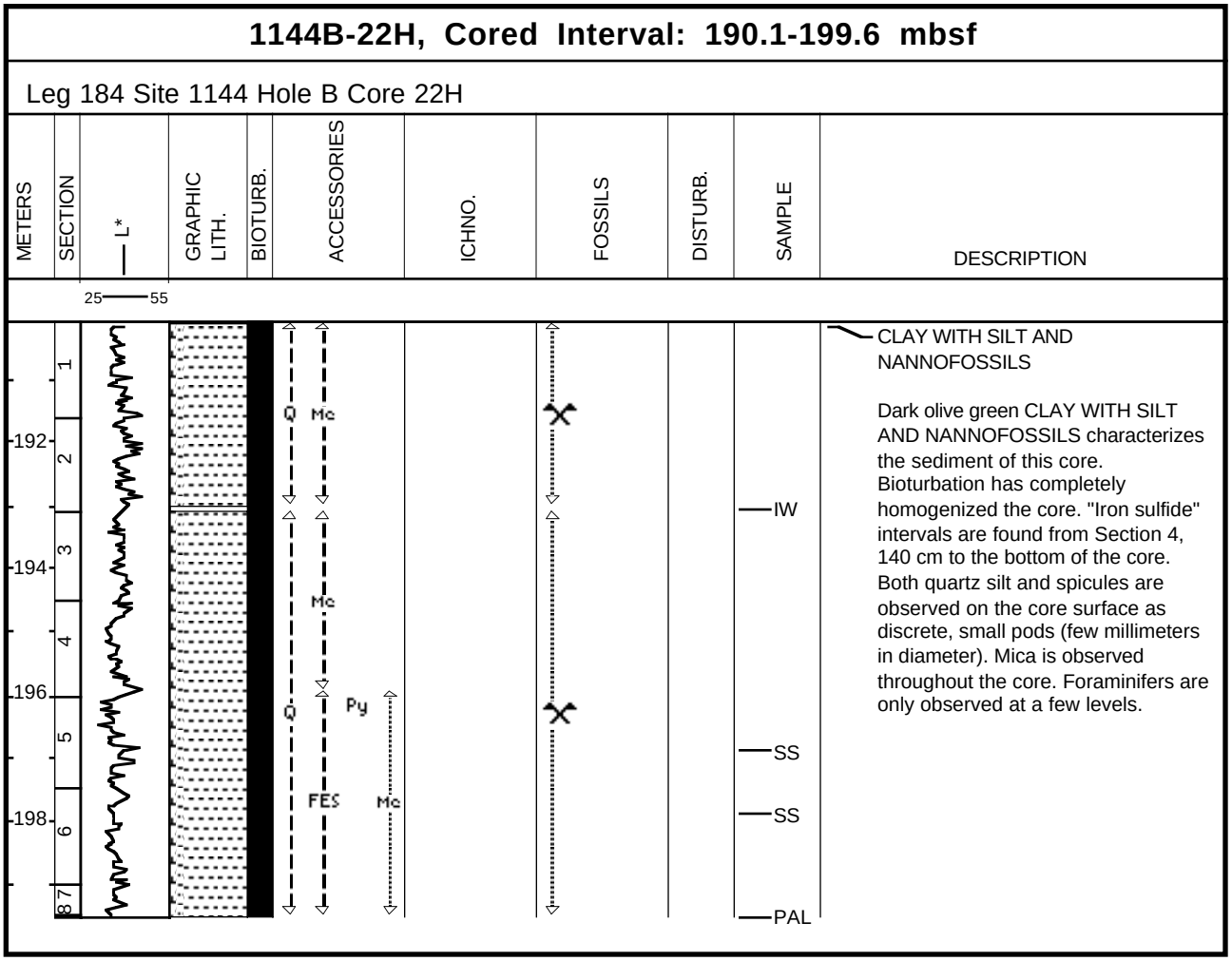
Core Photo


1144B-20H, Cored Interval: 171.1-180.6 mbsf
Leg 184 Site 1144 Hole B Core 20H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
172
174
176
178
180
1
2
3
4
5
6
7
CC
Q
Py
Py
Py
FES
Mc
FES
Py
SS
PAL
CLAY WITH SILT AND NANNOFOSSILS
Dark olive green CLAY WITH SILT AND NANNOFOSSILS characterizes the sediment of this core. Bioturbation has completely homogenized the core. Iron sulfide intervals are rare. A few intervals of quartz silt are observed on the core surface as discrete, small pods (few millimeters in diameter); sponge spicules also fill a few pods. Mica and foraminifers are observed throughout the core.

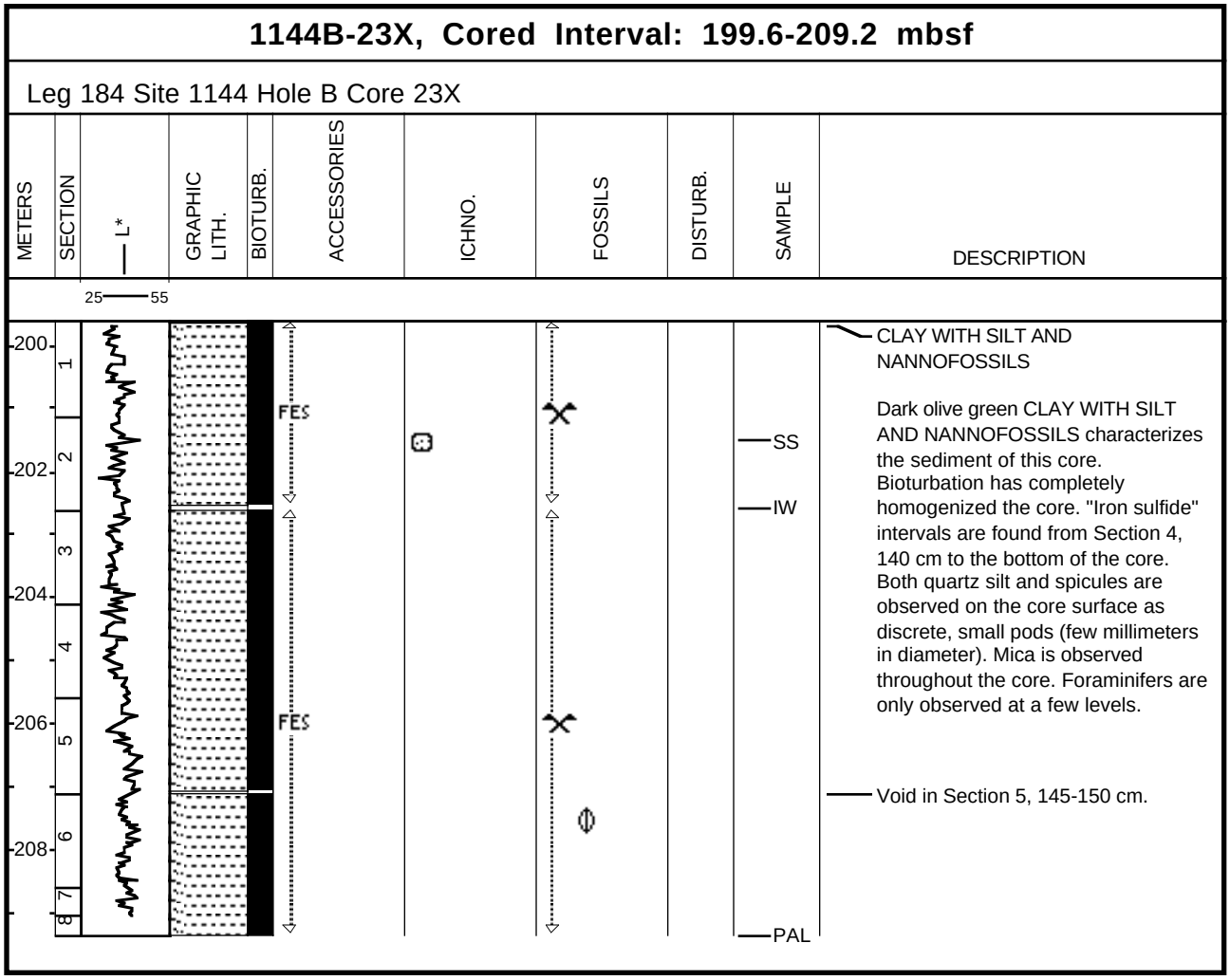
Core Photo


1144B-21H, Cored Interval: 180.6-190.1 mbsf
Leg 184 Site 1144 Hole B Core 21H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
182
184
186
188
1
2
3
4
5
6
7
8
PAL
CLAY WITH SILT AND NANNOFOSSILS
CLAY WITH SILT AND NANNOFOSSILS characterizes the sediment of this core. The core was extremely damaged during the recovery operation. Pieces of core liner are located in Sections 2, 4, and 5. Sections 1-6 were cut with the saw, disrupting the sediment. Section 7 and the core catcher are less disturbed. In Section 7, at 82 cm there is a sharp boundary between the upper light gray and lower dark gray green CLAY WITH SILT AND NANNOFOSSILS.
This core was stuck in the core barrel. Forced out of the barrel breaking the liner in several places. Highly disturbed at top.
Void in Section 1, 120-125, and 130-136 cm.
Section 4: Liner distorted during removal of core from the barrel.
Sediment in Section 6 lost in the crushed portion. Discarded.

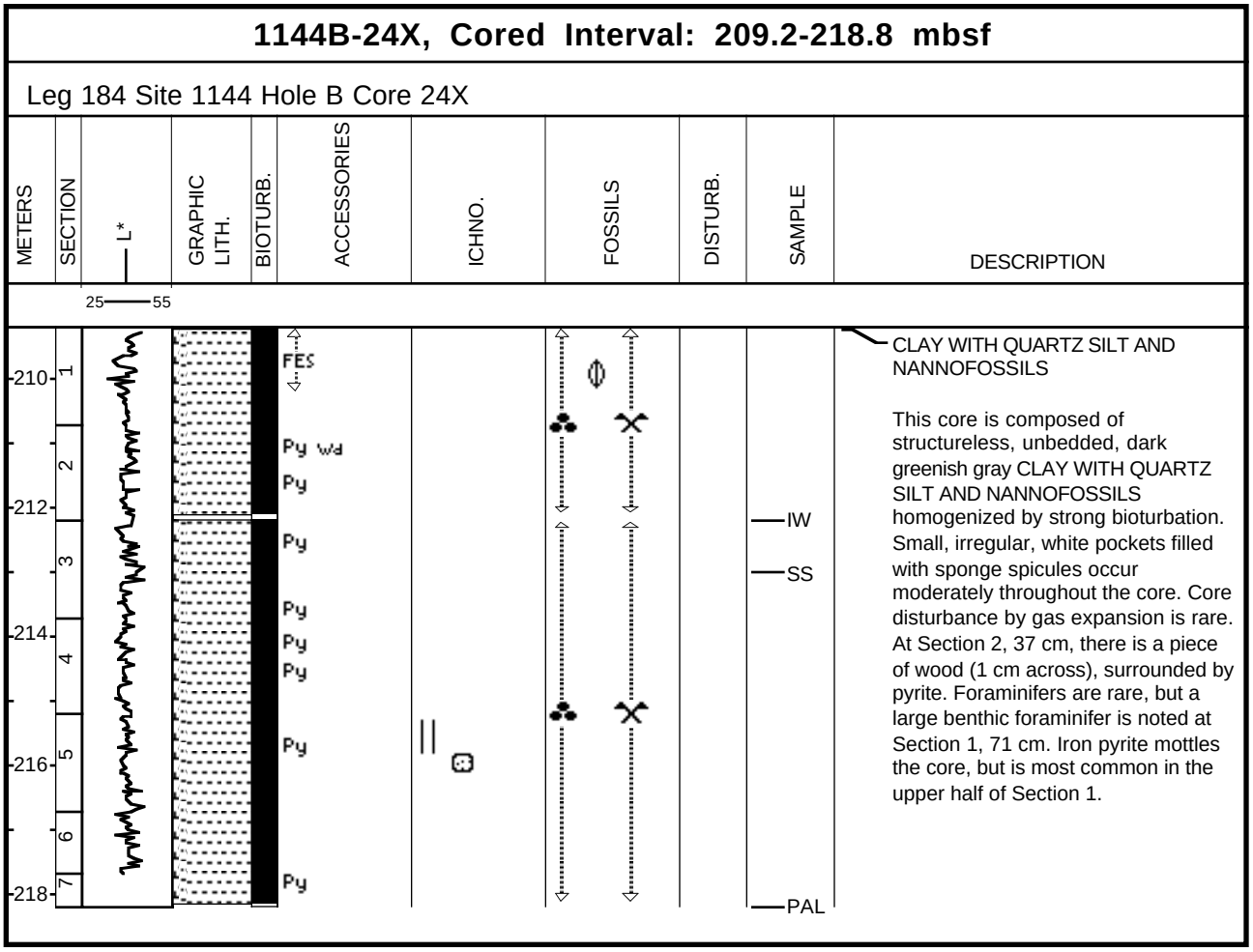
Core Photo


1144B-22H, Cored Interval: 190.1-199.6 mbsf
Leg 184 Site 1144 Hole B Core 22H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
192
194
196
198
1
2
3
4
5
6
7
Q
Mc
Mc
Q
Py
FES
Mc
IW
SS
SS
PAL
CLAY WITH SILT AND NANNOFOSSILS
Dark olive green CLAY WITH SILT AND NANNOFOSSILS characterizes the sediment of this core. Bioturbation has completely homogenized the core. "Iron sulfide" intervals are found from Section 4, 140 cm to the bottom of the core. Both quartz silt and spicules are observed on the core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are only observed at a few levels.

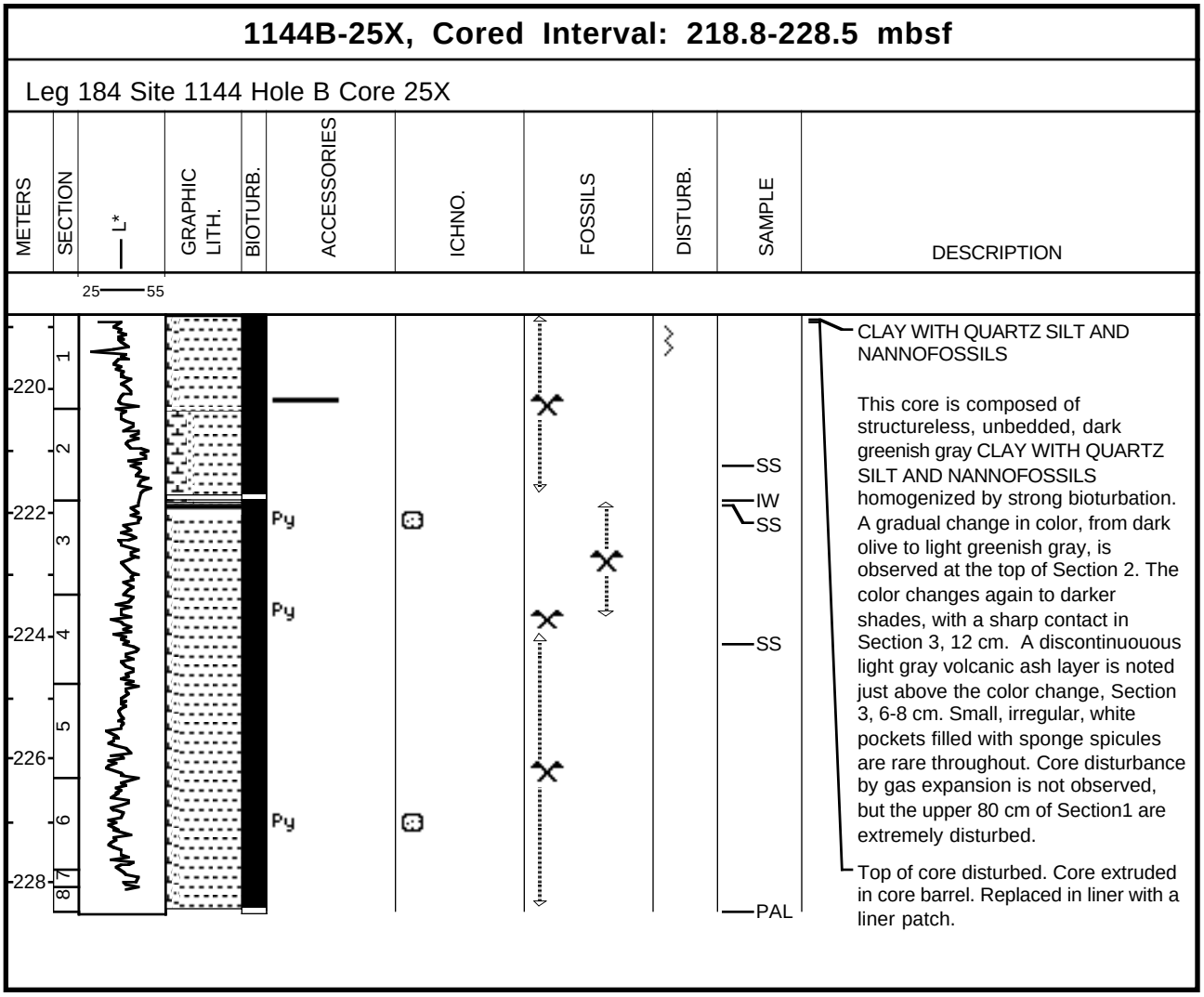
Core Photo


1144B-23X, Cored Interval: 199.6-209.2 mbsf
Leg 184 Site 1144 Hole B Core 23X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
200
202
204
206
208
1
2
3
4
5
6
7
FES
FES
SS
IW
PAL
CLAY WITH SILT AND NANNOFOSSILS
Dark olive green CLAY WITH SILT AND NANNOFOSSILS characterizes the sediment of this core. Bioturbation has completely homogenized the core. "Iron sulfide" intervals are found from Section 4, 140 cm to the bottom of the core. Both quartz silt and spicules are observed on the core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are only observed at a few levels.
Void in Section 5, 145-150 cm.

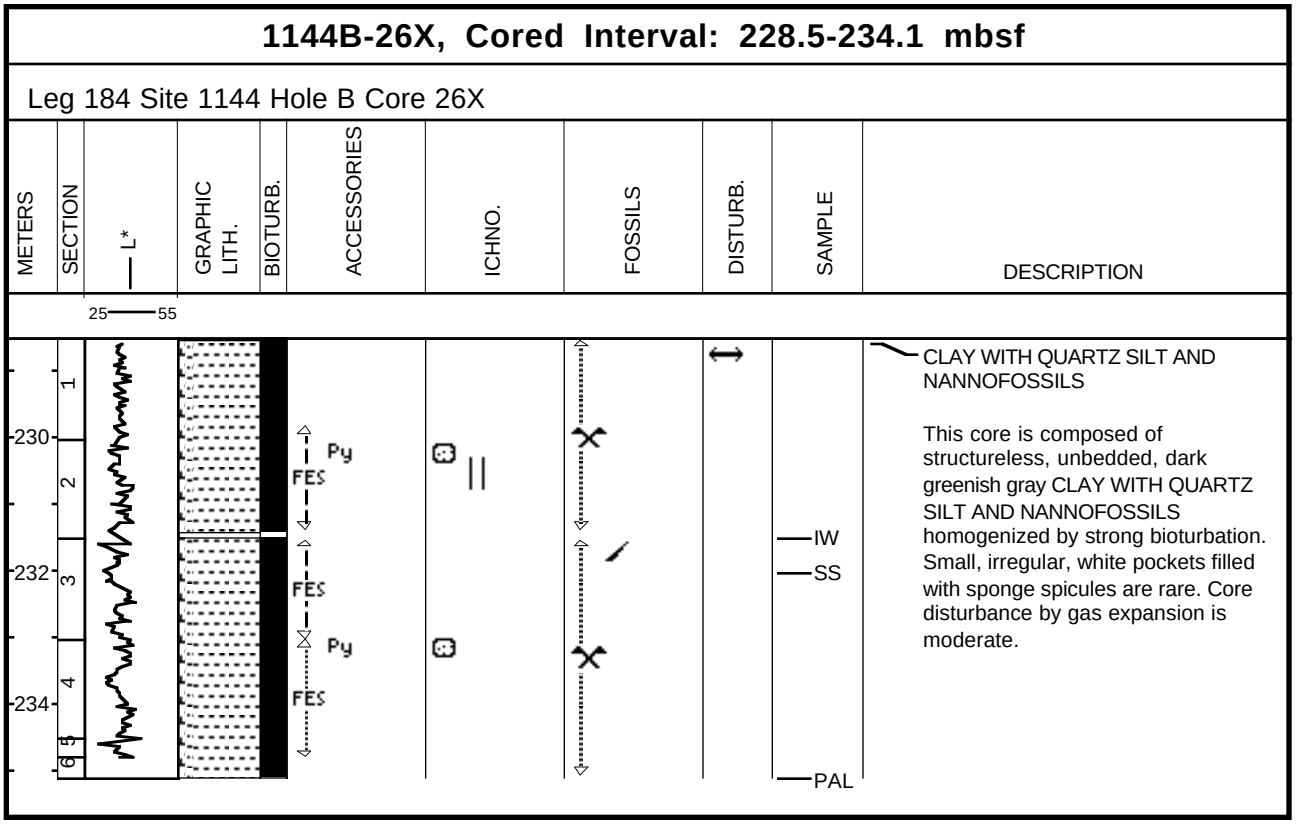
Core Photo


1144B-24X, Cored Interval: 209.2-218.8 mbsf
Leg 184 Site 1144 Hole B Core 24X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
210
212
214
216
218
1
2
3
4
5
6
7
FES
Py
Wd
IW
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS homogenized by strong bioturbation. Small, irregular, white pockets filled with sponge spicules occur moderately throughout the core. Core disturbance by gas expansion is rare. At Section 2, 37 cm, there is a piece of wood (1 cm across), surrounded by pyrite. Foraminifers are rare, but a large benthic foraminifer is noted at Section 1, 71 cm. Iron pyrite mottles the core, but is most common in the upper half of Section 1.

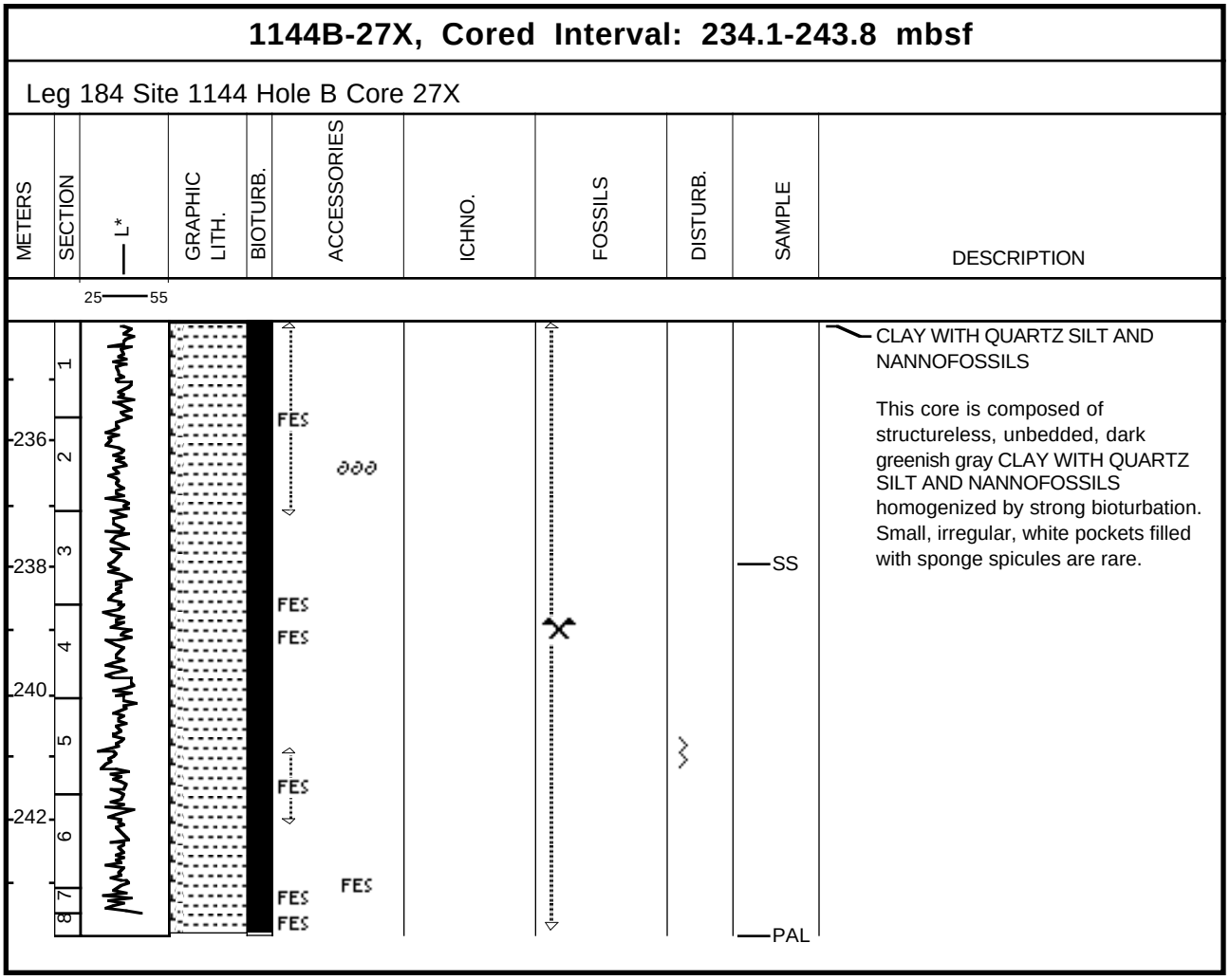
Core Photo


1144B-25X, Cored Interval: 218.8-228.5 mbsf
Leg 184 Site 1144 Hole B Core 25X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
220
222
224
226
228
1
2
3
4
5
6
7
8
Py
Py
Py
SS
IW
SS
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS homogenized by strong bioturbation. A gradual change in color, from dark olive to light greenish gray, is observed at the top of Section 2. The color changes again to darker shades, with a sharp contact in Section 3, 12 cm. A discontinuouous light gray volcanic ash layer is noted just above the color change, Section 3, 6-8 cm. Small, irregular, white pockets filled with sponge spicules are rare throughout. Core disturbance by gas expansion is not observed, but the upper 80 cm of Section1 are extremely disturbed.
Top of core disturbed. Core extruded in core barrel. Replaced in liner with a liner patch.

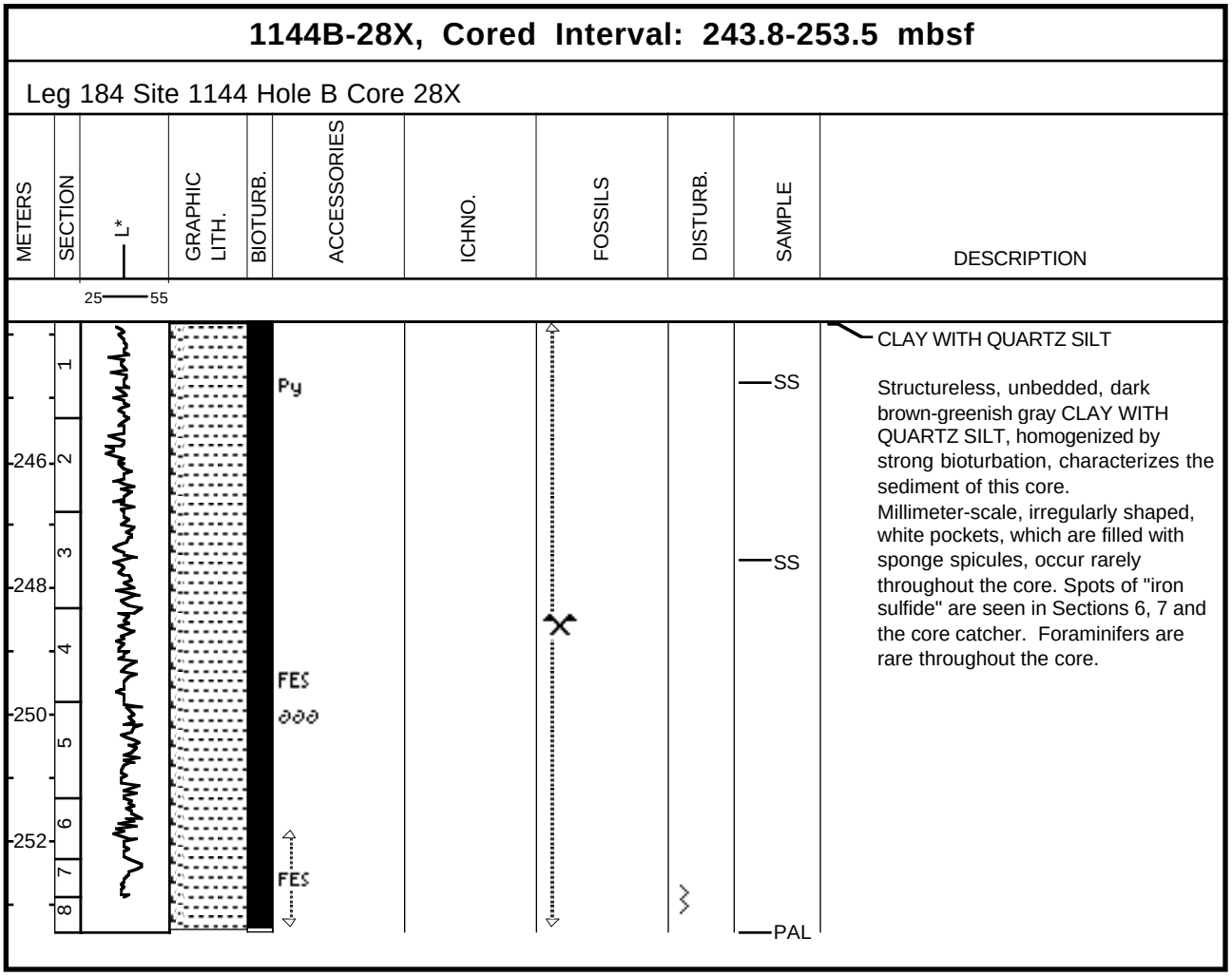
Core Photo


1144B-26X, Cored Interval: 228.5-234.1 mbsf
Leg 184 Site 1144 Hole B Core 26X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
230
232
234
1
2
3
4
5
6
Py
FES
FES
Py
FES
IW
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS homogenized by strong bioturbation. Small, irregular, white pockets filled with sponge spicules are rare. Core disturbance by gas expansion is moderate.

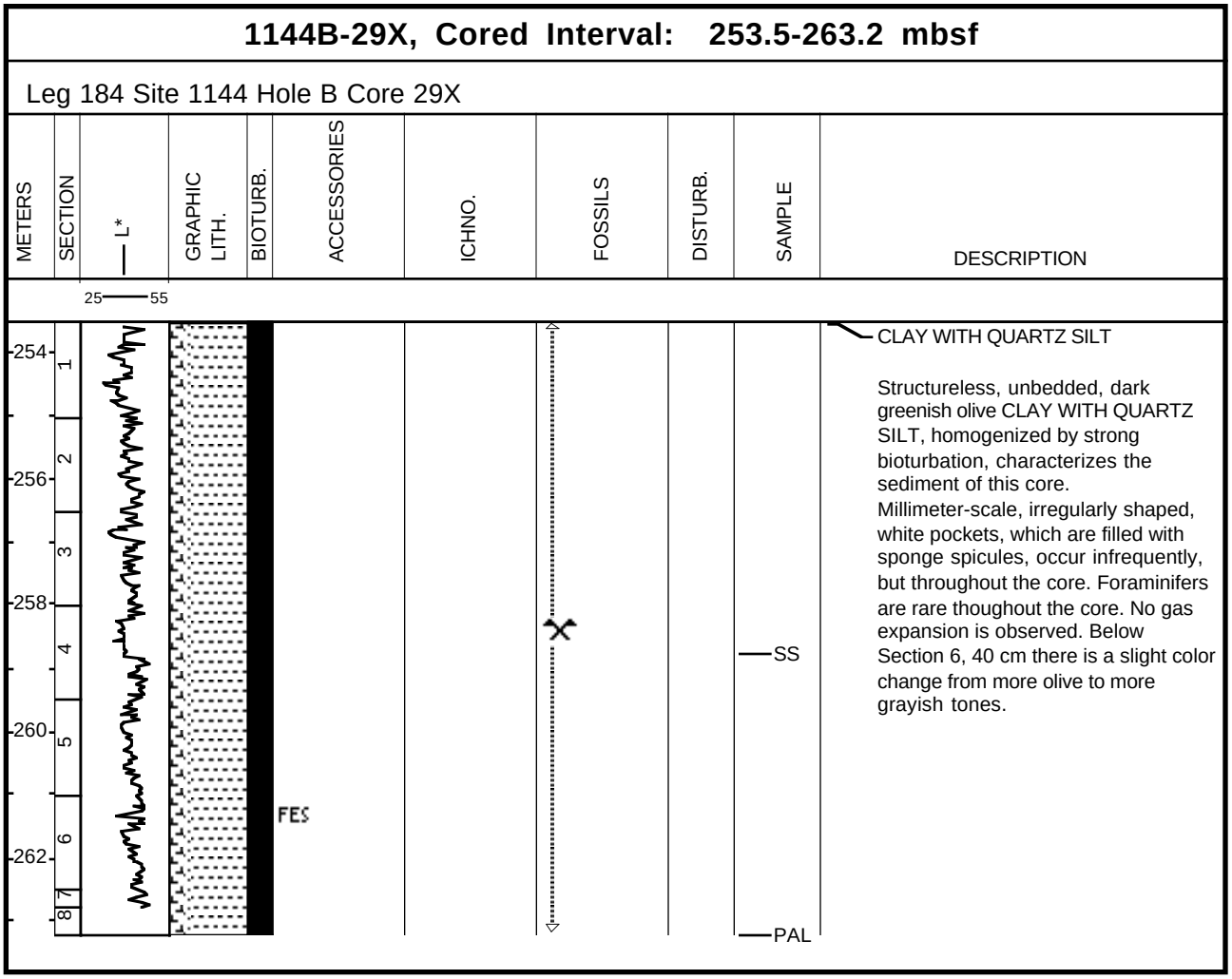
Core Photo


1144B-27X, Cored Interval: 234.1-243.8 mbsf
Leg 184 Site 1144 Hole B Core 27X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
236
238
240
242
1
2
3
4
5
6
7
8
FES
FES
FES
FES
FES
FES
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
This core is composed of structureless, unbedded, dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS homogenized by strong bioturbation. Small, irregular, white pockets filled with sponge spicules are rare.

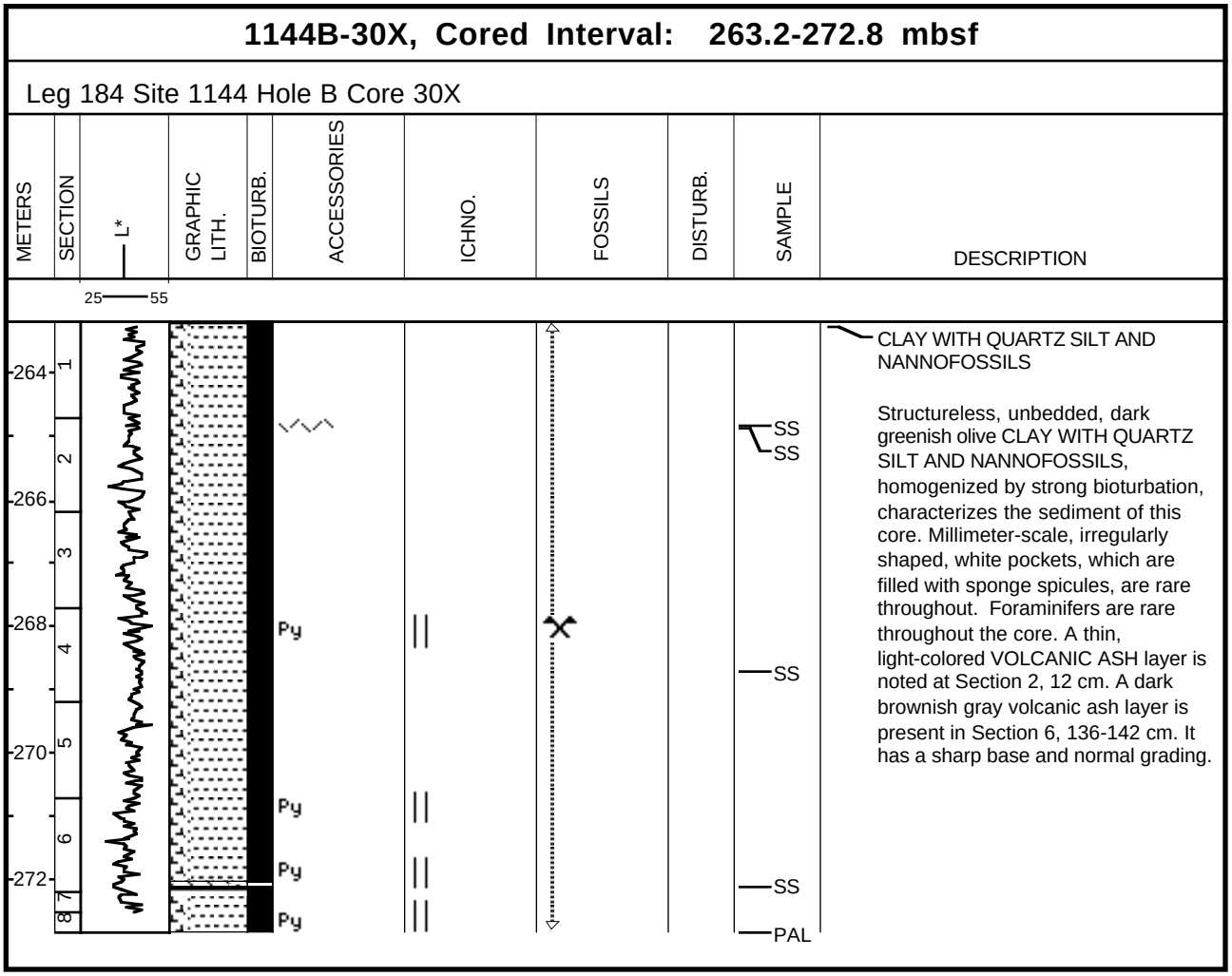
Core Photo


1144B-28X, Cored Interval: 243.8-253.5 mbsf
Leg 184 Site 1144 Hole B Core 28X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
246
248
250
252
1
2
3
4
5
6
7
8
Py
FES
FES
SS
SS
PAL
CLAY WITH QUARTZ SILT
Structureless, unbedded, dark brown-greenish gray CLAY WITH QUARTZ SILT, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, occur rarely throughout the core. Spots of "iron sulfide" are seen in Sections 6, 7 and the core catcher. Foraminifers are rare throughout the core.

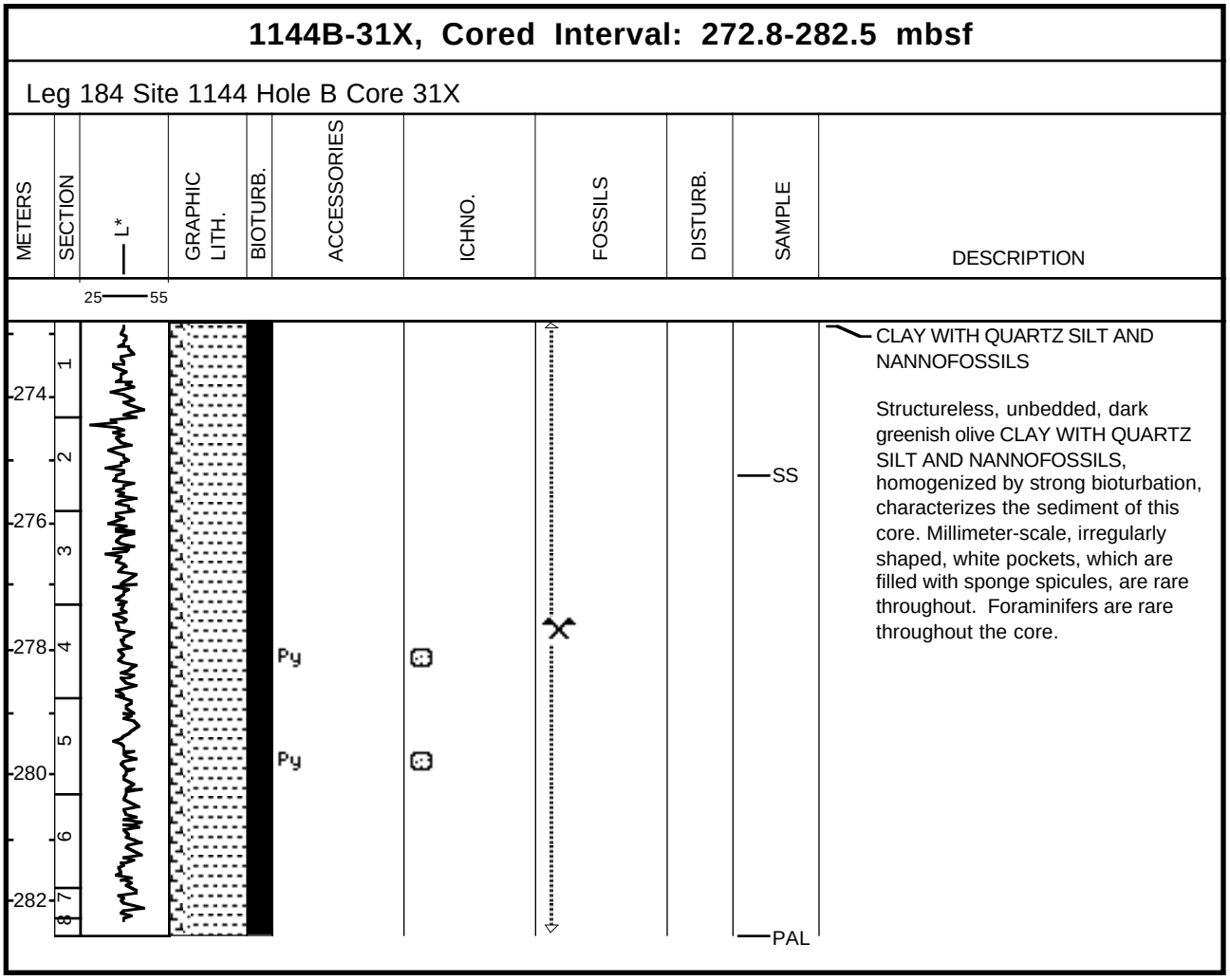
Core Photo


1144B-29X, Cored Interval: 253.5-263.2 mbsf
Leg 184 Site 1144 Hole B Core 29X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
254
256
258
260
262
1
2
3
4
5
6
7
8
FES
SS
PAL
CLAY WITH QUARTZ SILT
Structureless, unbedded, dark greenish olive CLAY WITH QUARTZ SILT, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, occur infrequently, but throughout the core. Foraminifers are rare thoughout the core. No gas expansion is observed. Below Section 6, 40 cm there is a slight color change from more olive to more grayish tones.

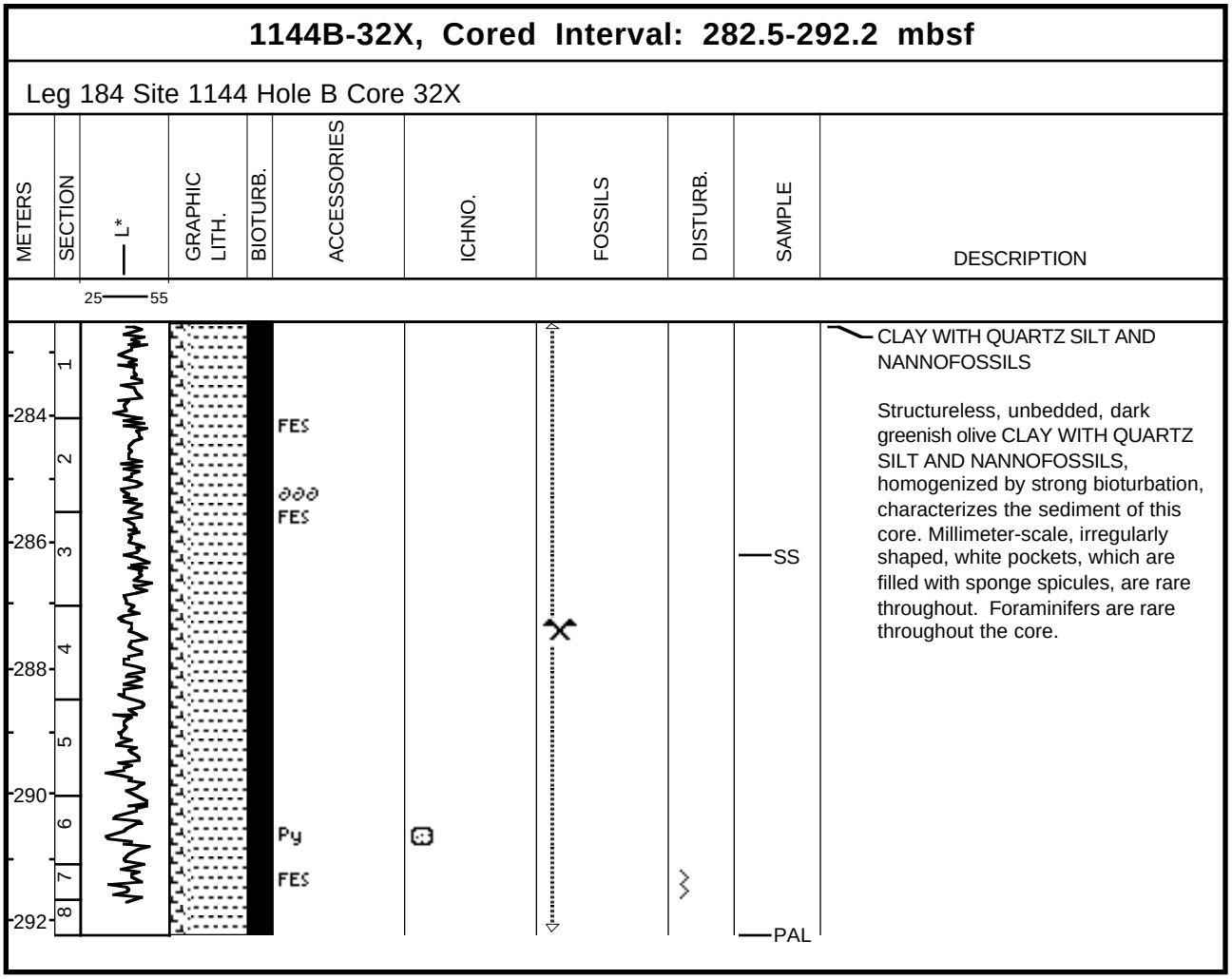
Core Photo


1144B-30X, Cored Interval: 263.2-272.8 mbsf
Leg 184 Site 1144 Hole B Core 30X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
264
266
268
270
272
1
2
3
4
5
6
7
8
Py
Py
Py
Py
SS
SS
SS
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Structureless, unbedded, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, are rare throughout. Foraminifers are rare throughout the core. A thin, light-colored VOLCANIC ASH layer is noted at Section 2, 12 cm. A dark brownish gray volcanic ash layer is present in Section 6, 136-142 cm. It has a sharp base and normal grading.

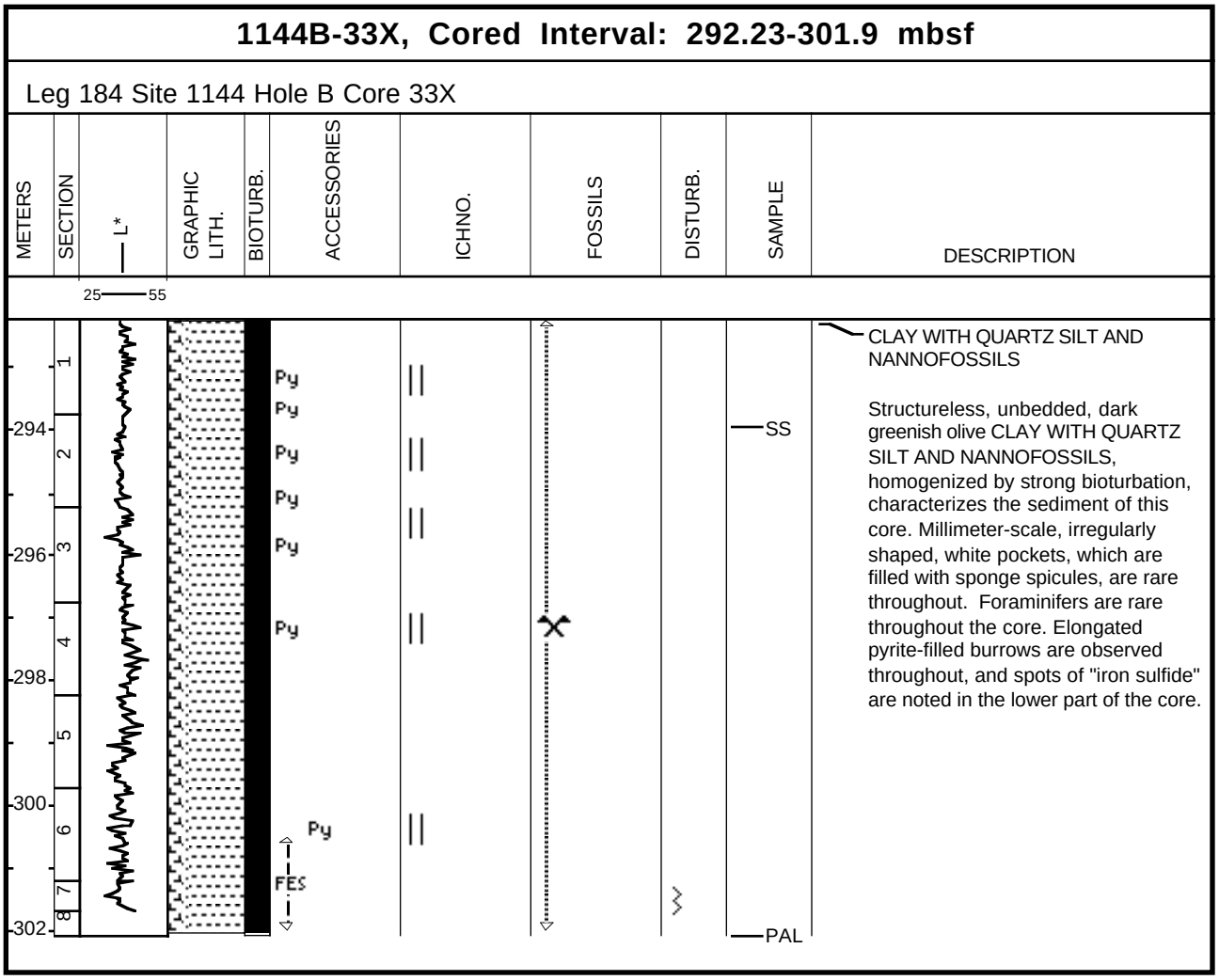
Core Photo


1144B-31X, Cored Interval: 272.8-282.5 mbsf
Leg 184 Site 1144 Hole B Core 31X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
274
276
278
280
282
1
2
3
4
5
6
7
Py
Py
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Structureless, unbedded, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, are rare throughout. Foraminifers are rare throughout the core.

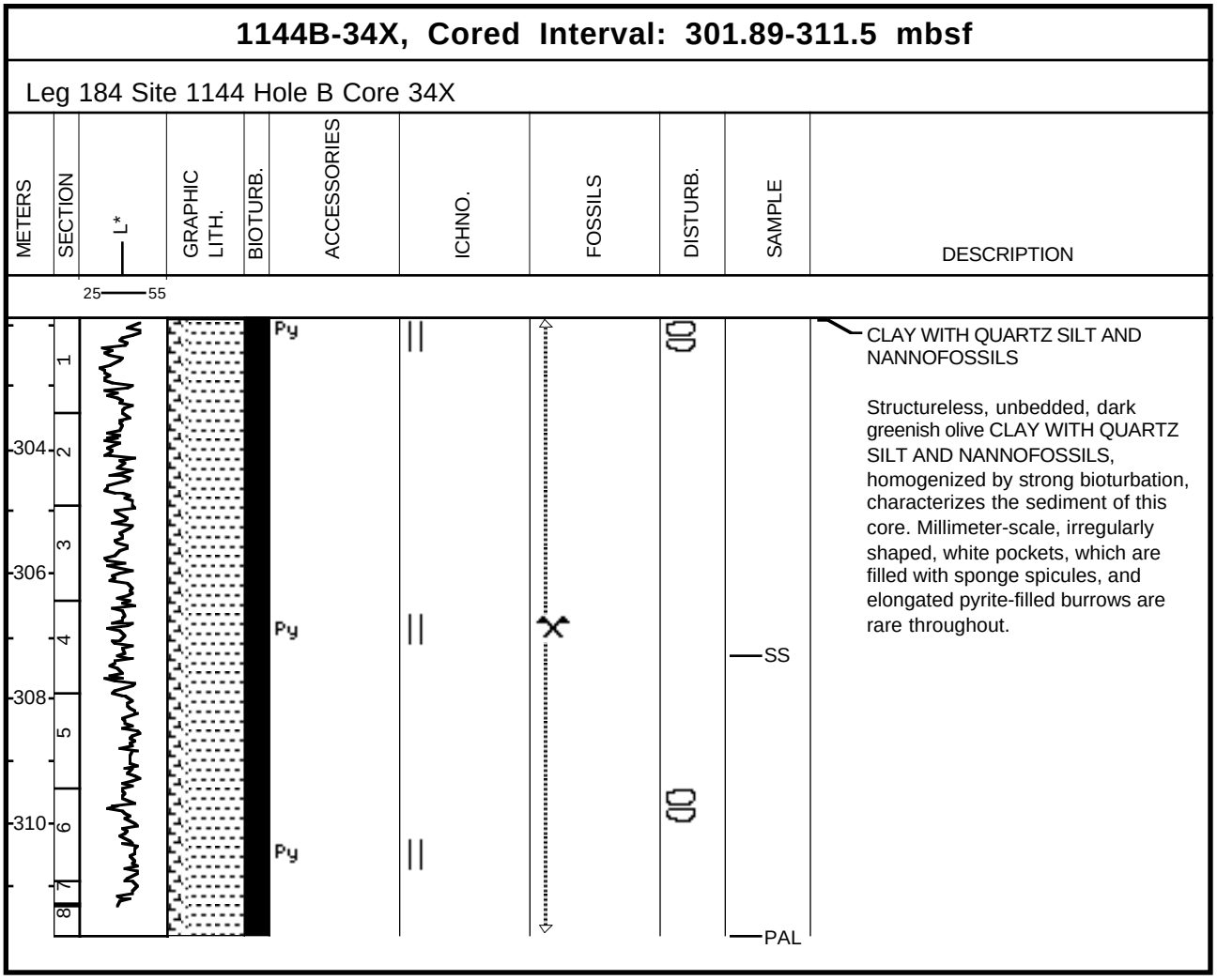
Core Photo


1144B-32X, Cored Interval: 282.5-292.2 mbsf
Leg 184 Site 1144 Hole B Core 32X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
284
286
288
290
292
1
2
3
4
5
6
7
8
FES
FES
Py
FES
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Structureless, unbedded, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, are rare throughout. Foraminifers are rare throughout the core.

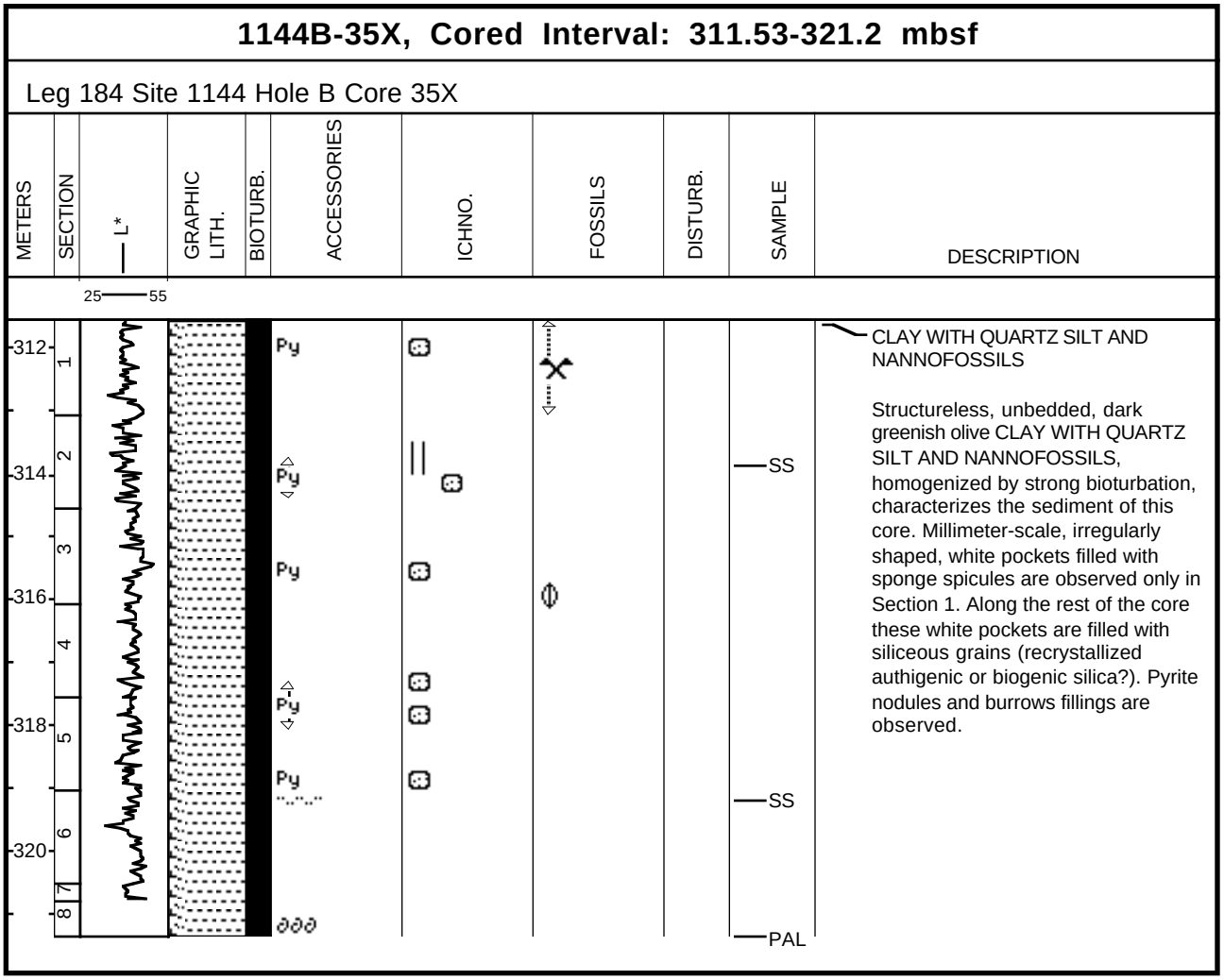
Core Photo


1144B-33X, Cored Interval: 292.23-301.9 mbsf
Leg 184 Site 1144 Hole B Core 33X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
294
296
298
300
302
1
2
3
4
5
6
7
8
Py
Py
Py
Py
Py
Py
FES
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Structureless, unbedded, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, are rare throughout. Foraminifers are rare throughout the core. Elongated pyrite-filled burrows are observed throughout, and spots of "iron sulfide" are noted in the lower part of the core.

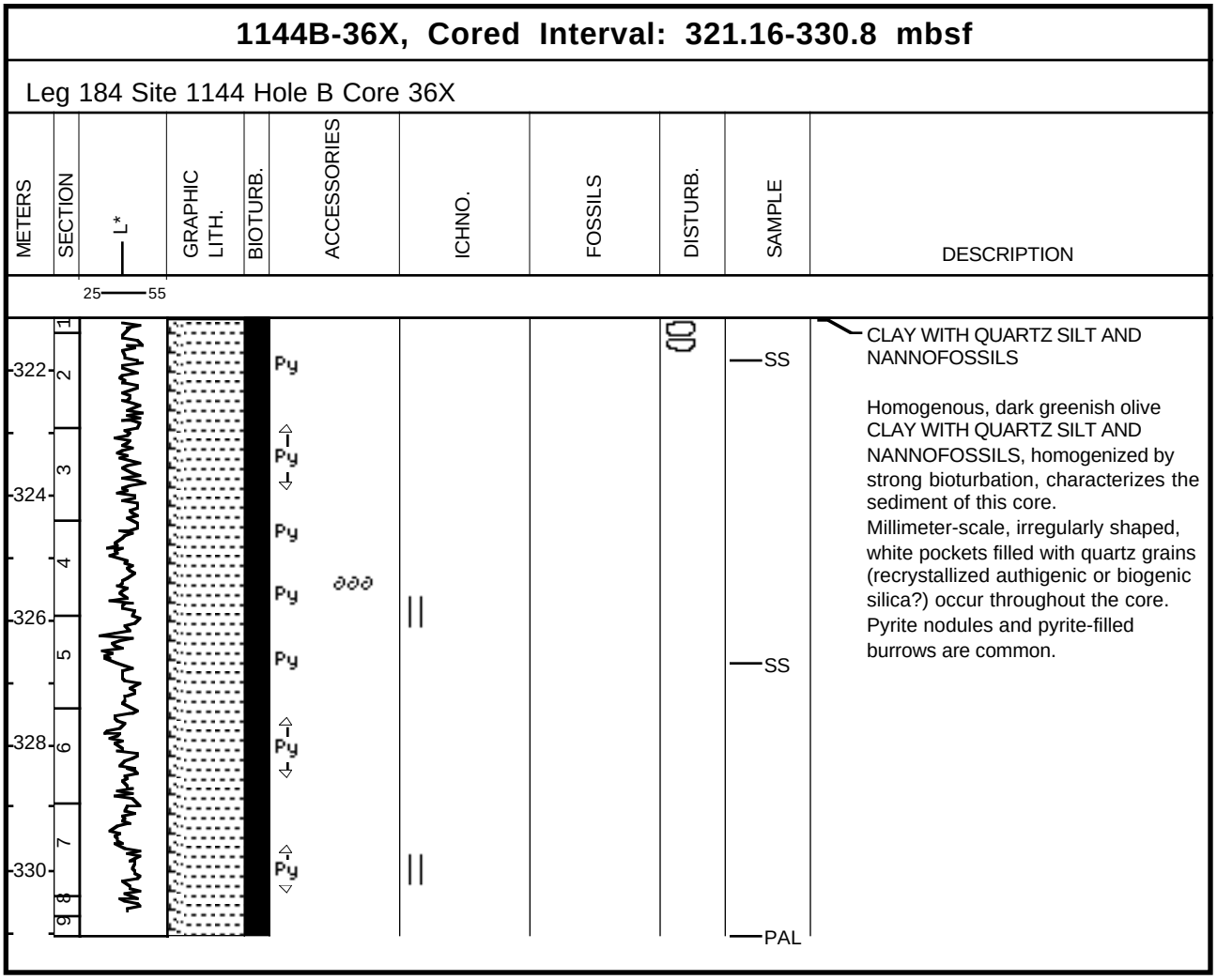
Core Photo


1144B-34X, Cored Interval: 301.89-311.5 mbsf
Leg 184 Site 1144 Hole B Core 34X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
304
306
308
310
1
2
3
4
5
6
7
8
Py
Py
Py
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Structureless, unbedded, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets, which are filled with sponge spicules, and elongated pyrite-filled burrows are rare throughout.

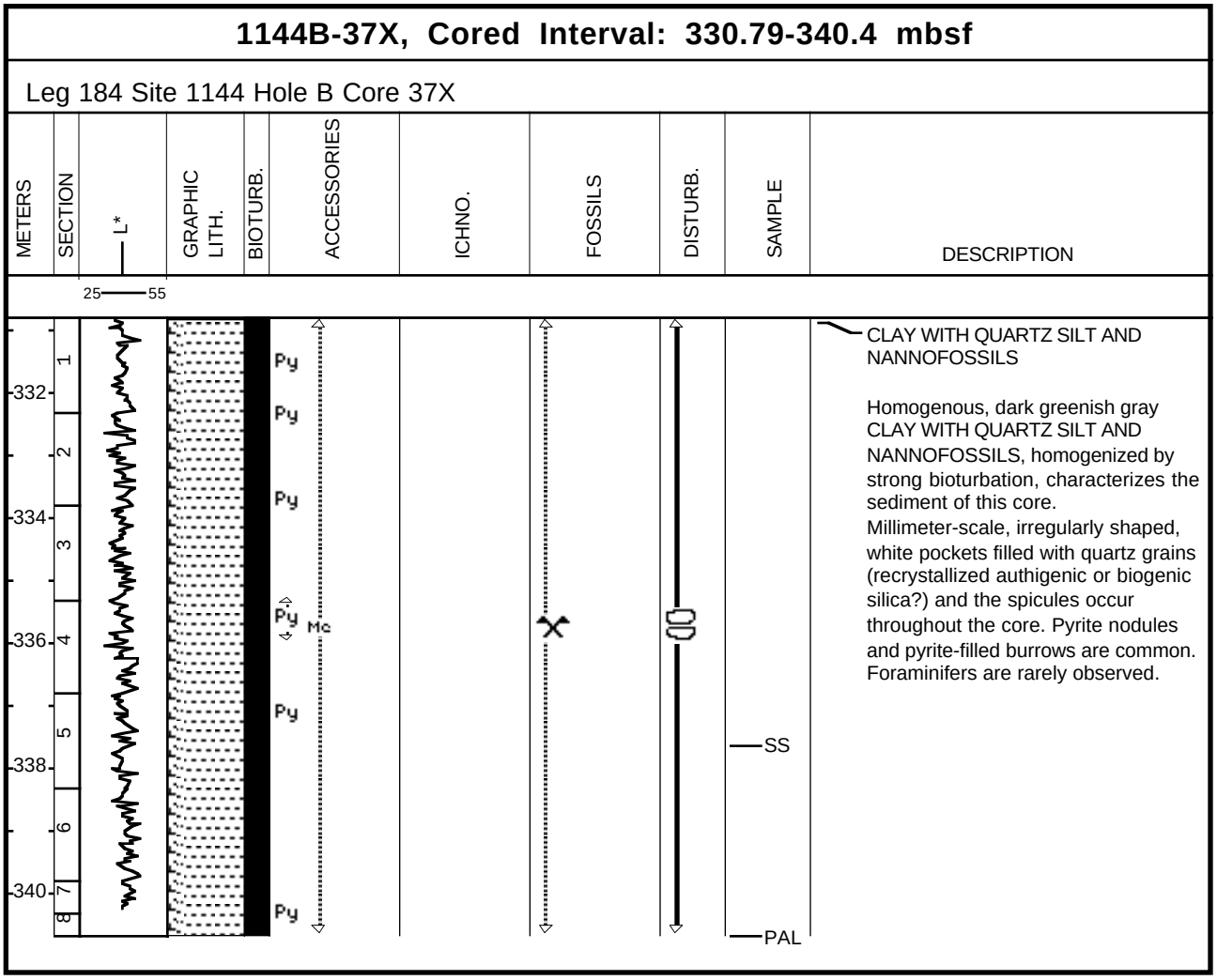
Core Photo


1144B-35X, Cored Interval: 311.53-321.2 mbsf
Leg 184 Site 1144 Hole B Core 35X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
312
314
316
318
320
1
2
3
4
5
6
7
8
Py
Py
Py
Py
Py
SS
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Structureless, unbedded, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with sponge spicules are observed only in Section 1. Along the rest of the core these white pockets are filled with siliceous grains (recrystallized authigenic or biogenic silica?). Pyrite nodules and burrows fillings are observed.

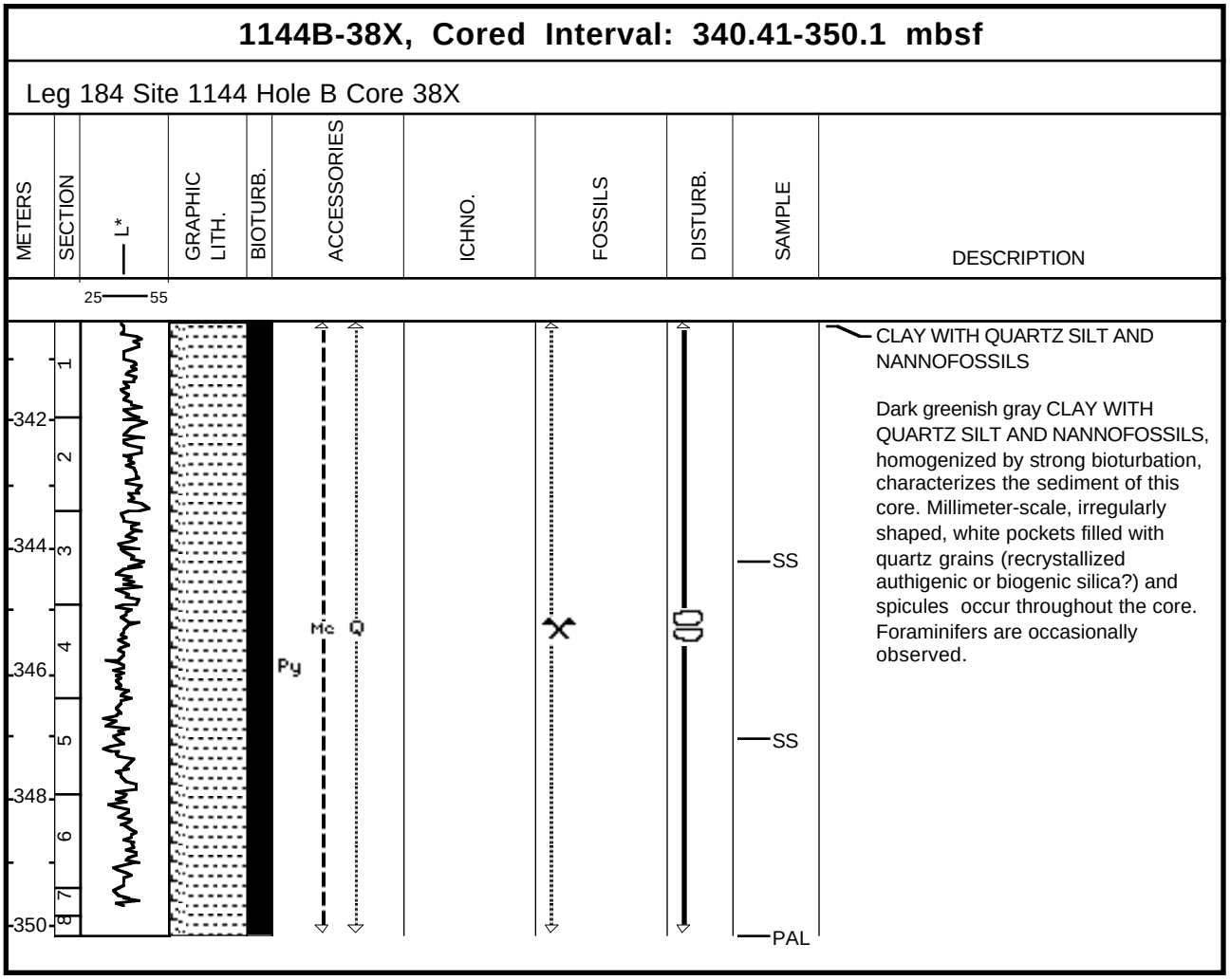
Core Photo


1144B-36X, Cored Interval: 321.16-330.8 mbsf
Leg 184 Site 1144 Hole B Core 36X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
322
324
326
328
330
1
2
3
4
5
6
7
8
9
Py
SS
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Homogenous, dark greenish olive CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core.
Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) occur throughout the core.
Pyrite nodules and pyrite-filled burrows are common.

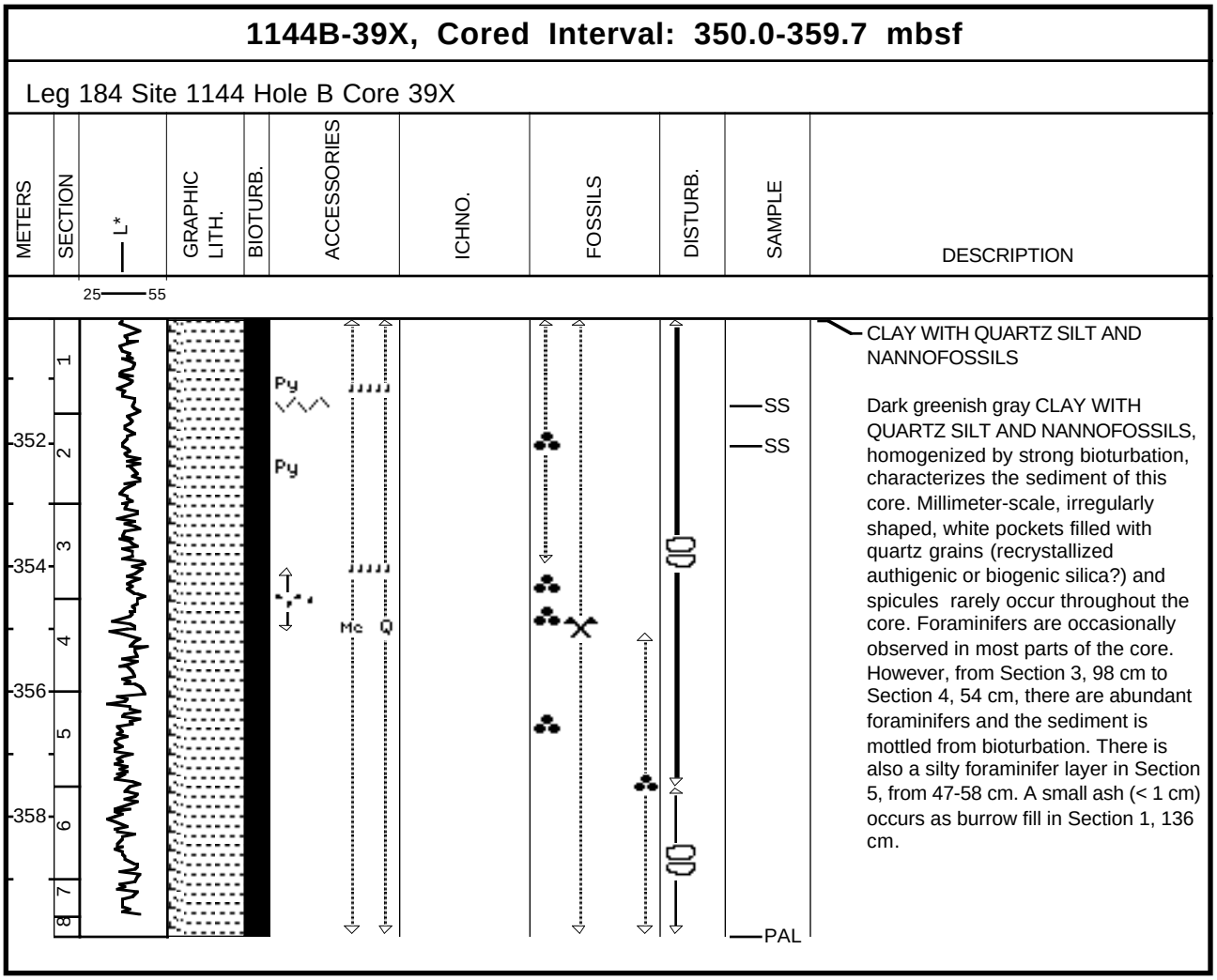
Core Photo


1144B-37X, Cored Interval: 330.79-340.4 mbsf
Leg 184 Site 1144 Hole B Core 37X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
332
334
336
338
340
1
2
3
4
5
6
7
Py
Mc
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Homogenous, dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) and the spicules occur throughout the core. Pyrite nodules and pyrite-filled burrows are common. Foraminifers are rarely observed.

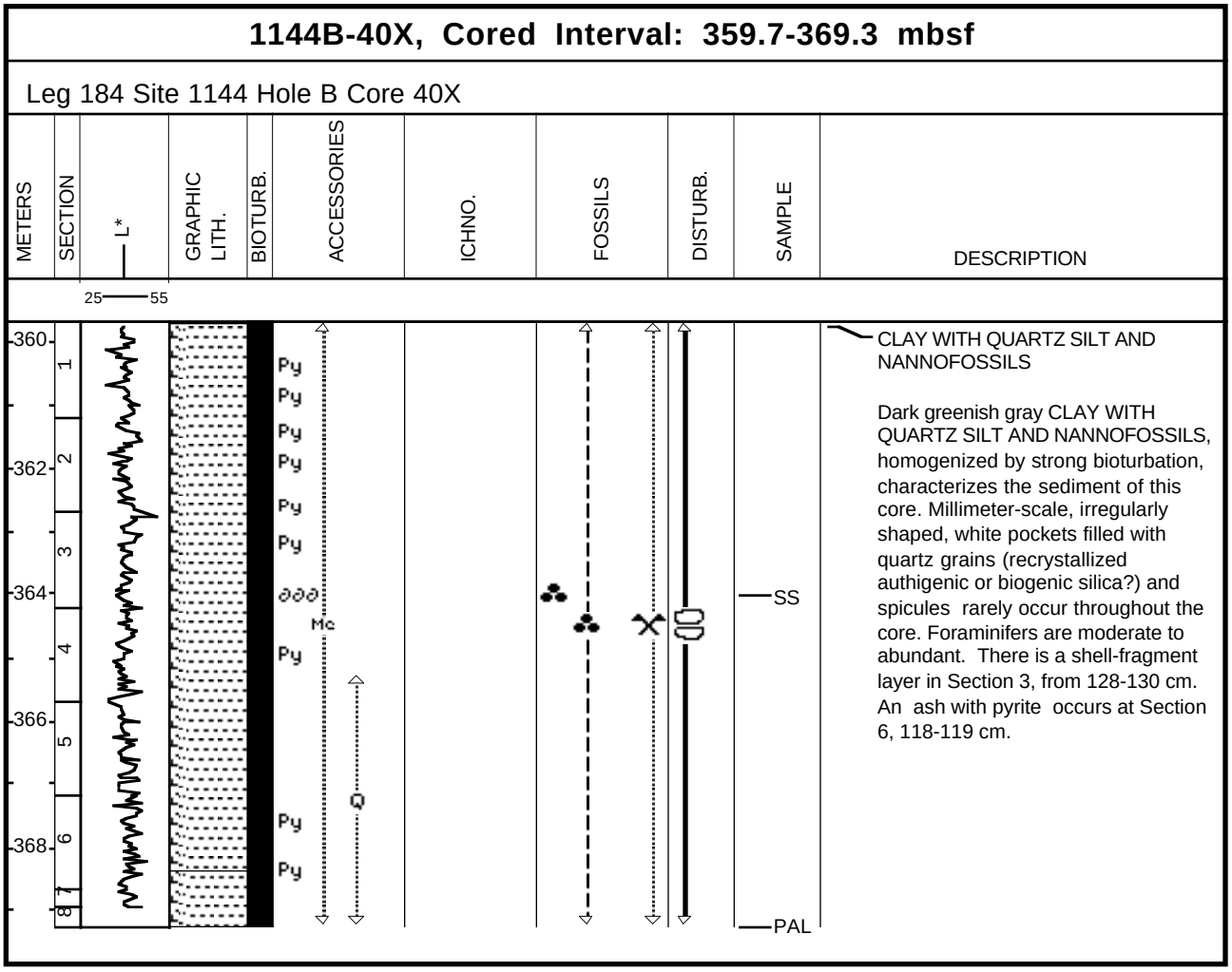
Core Photo


1144B-38X, Cored Interval: 340.41-350.1 mbsf
Leg 184 Site 1144 Hole B Core 38X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
342
344
346
348
350
1
2
3
4
5
6
7
CC
Mc
Q
Py
SS
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) and spicules occur throughout the core. Foraminifers are occasionally observed.

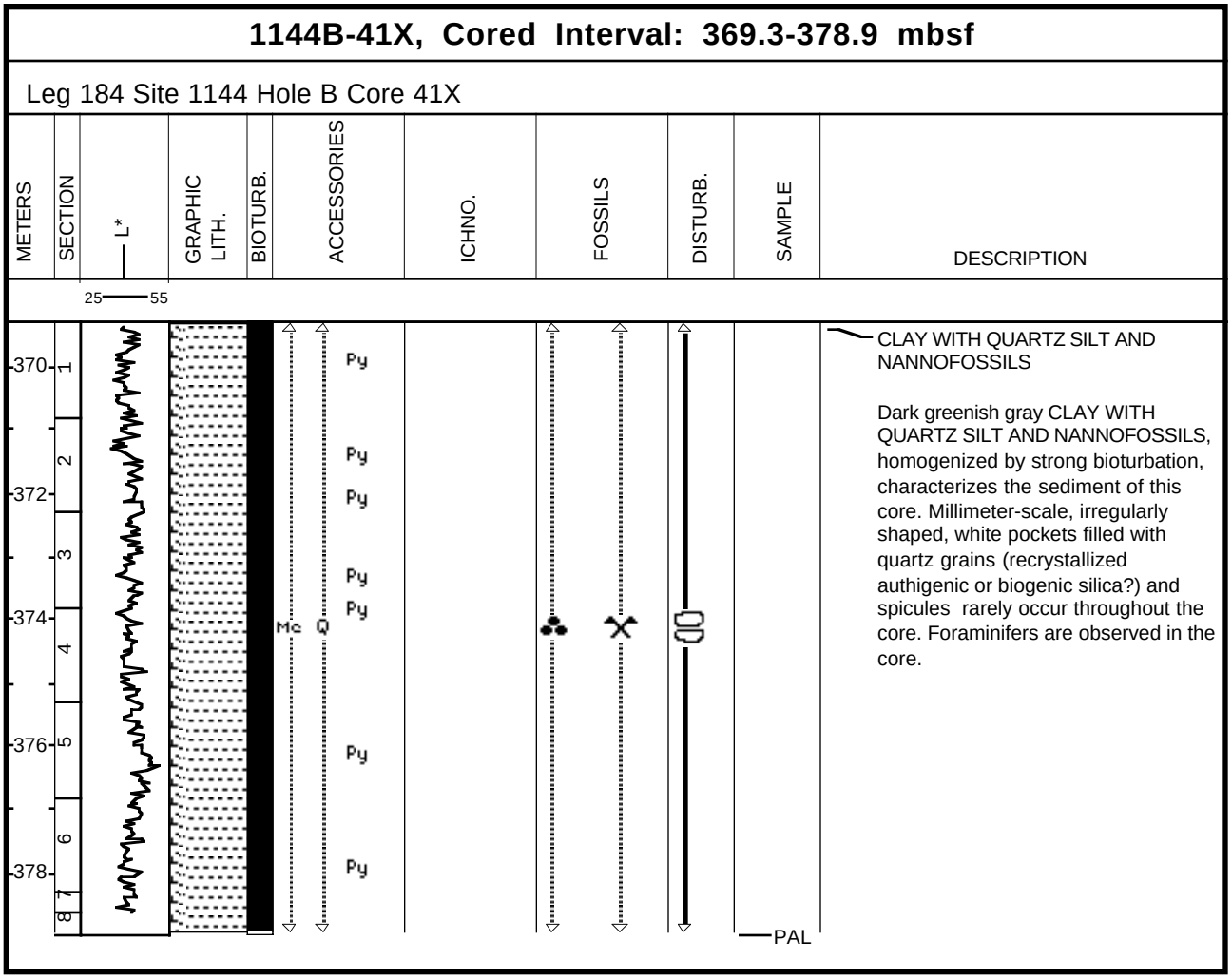
Core Photo


1144B-39X, Cored Interval: 350.0-359.7 mbsf
Leg 184 Site 1144 Hole B Core 39X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
352
354
356
358
1
2
3
4
5
6
7
8
Py
Py
Mc
Q
SS
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) and spicules rarely occur throughout the core. Foraminifers are occasionally observed in most parts of the core. However, from Section 3, 98 cm to Section 4, 54 cm, there are abundant foraminifers and the sediment is mottled from bioturbation. There is also a silty foraminifer layer in Section 5, from 47-58 cm. A small ash (< 1 cm) occurs as burrow fill in Section 1, 136 cm.

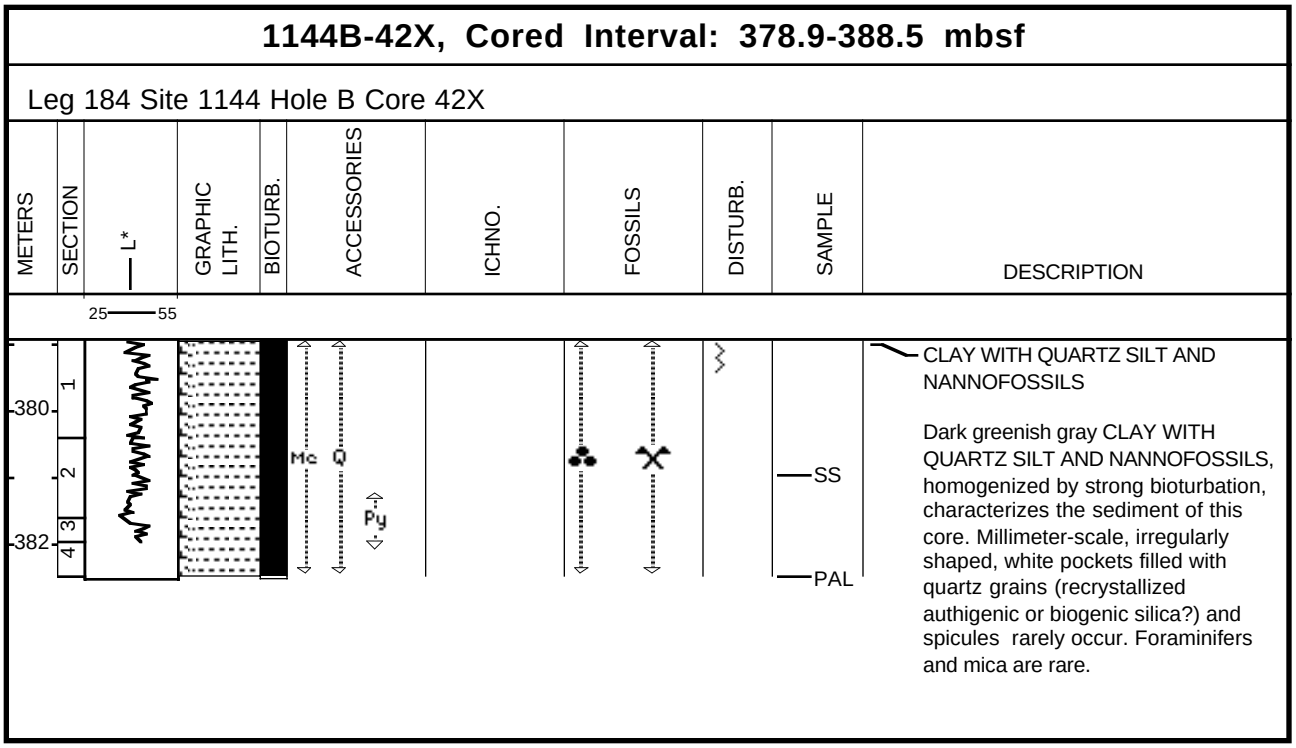
Core Photo


1144B-40X, Cored Interval: 359.7-369.3 mbsf
Leg 184 Site 1144 Hole B Core 40X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
360
362
364
366
368
1
2
3
4
5
6
7
8
Py
Mc
Q
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) and spicules rarely occur throughout the core. Foraminifers are moderate to abundant. There is a shell-fragment layer in Section 3, from 128-130 cm. An ash with pyrite occurs at Section 6, 118-119 cm.

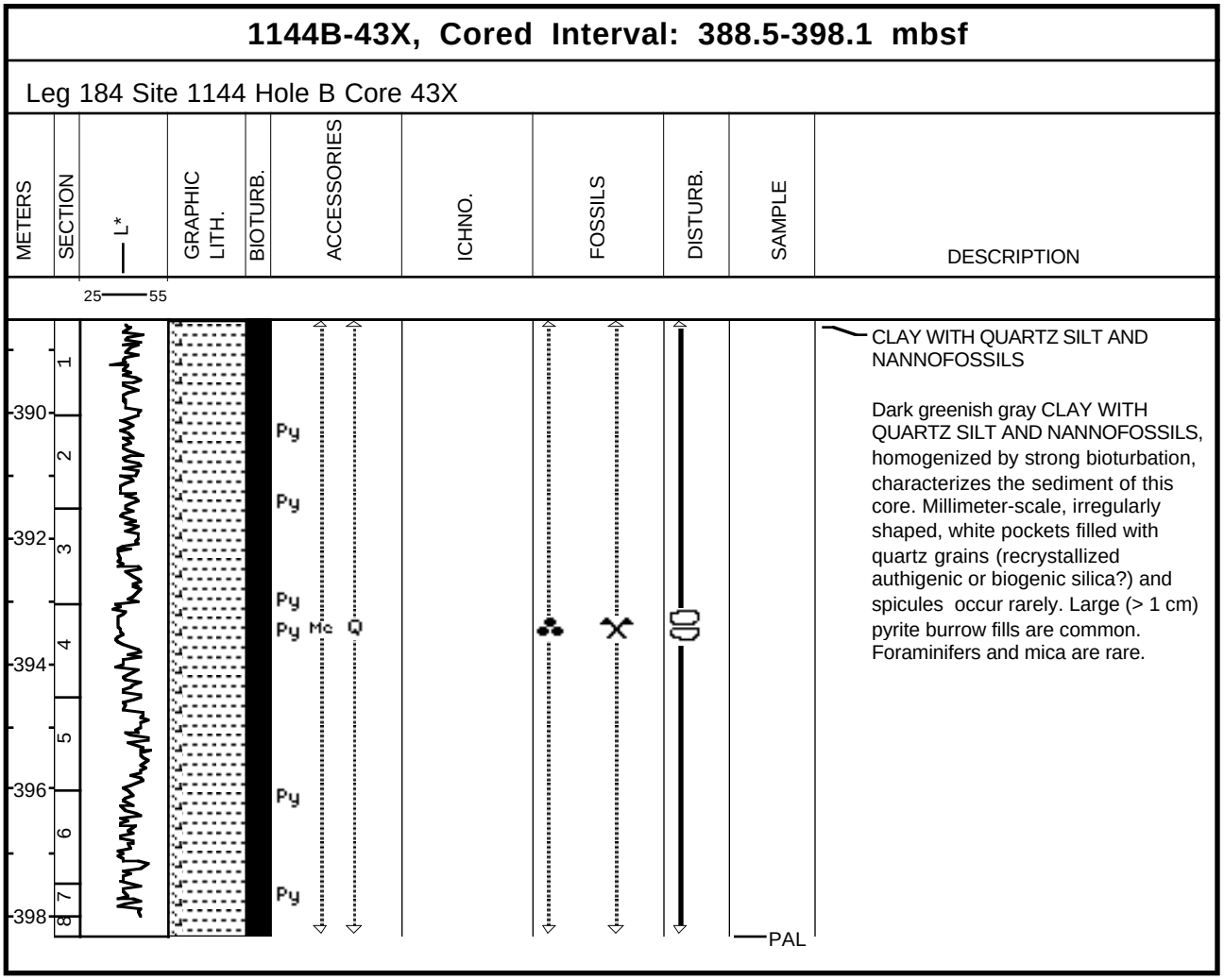
Core Photo


1144B-41X, Cored Interval: 369.3-378.9 mbsf
Leg 184 Site 1144 Hole B Core 41X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
370
372
374
376
378
1
2
3
4
5
6
7
CC
Mc
Q
Py
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) and spicules rarely occur throughout the core. Foraminifers are observed in the core.

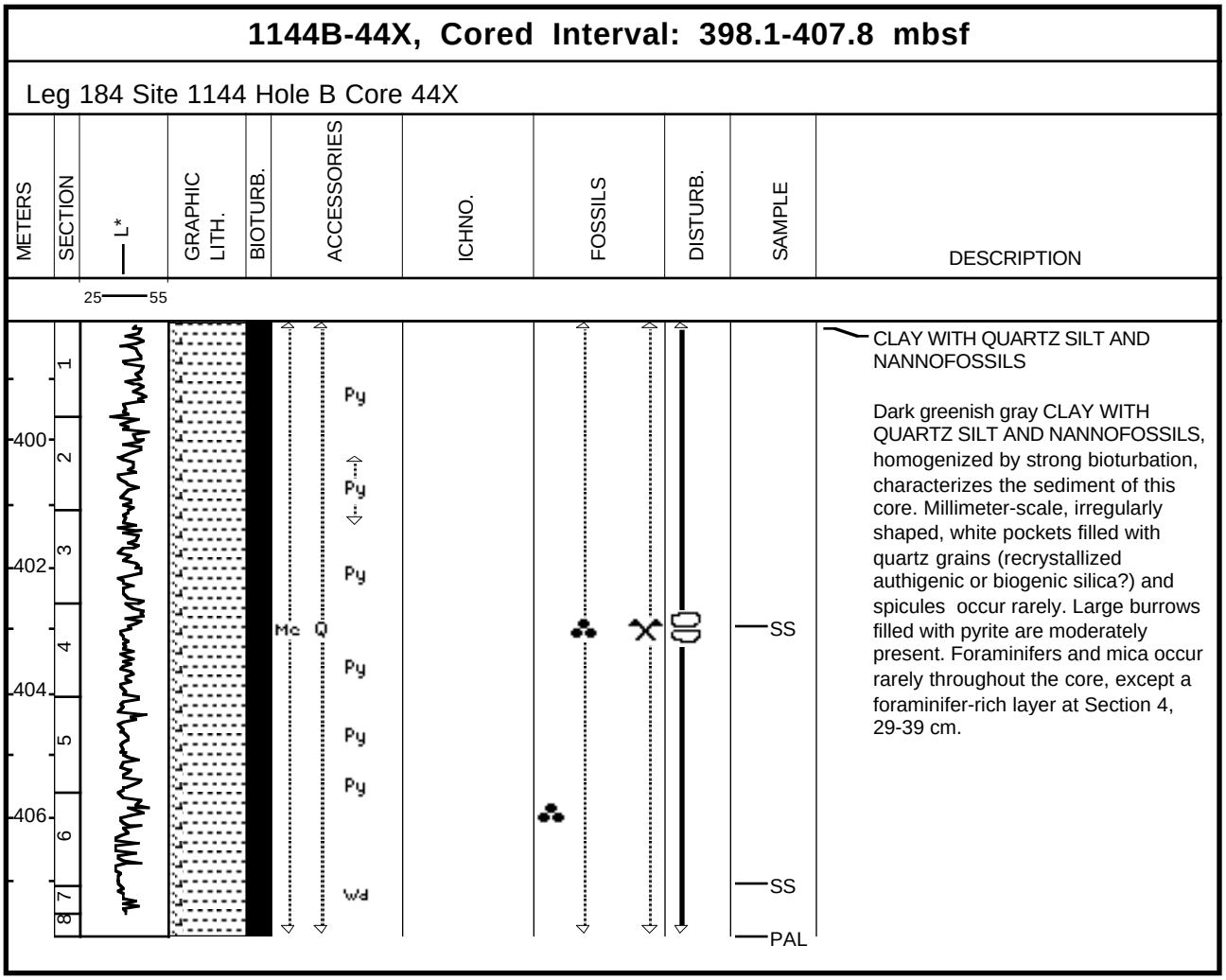
Core Photo


1144B-42X, Cored Interval: 378.9-388.5 mbsf
Leg 184 Site 1144 Hole B Core 42X
METERS
SECTION
L*
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
25
55
380
382
1
2
3
4
Mc
Q
Py
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) and spicules rarely occur. Foraminifers and mica are rare.

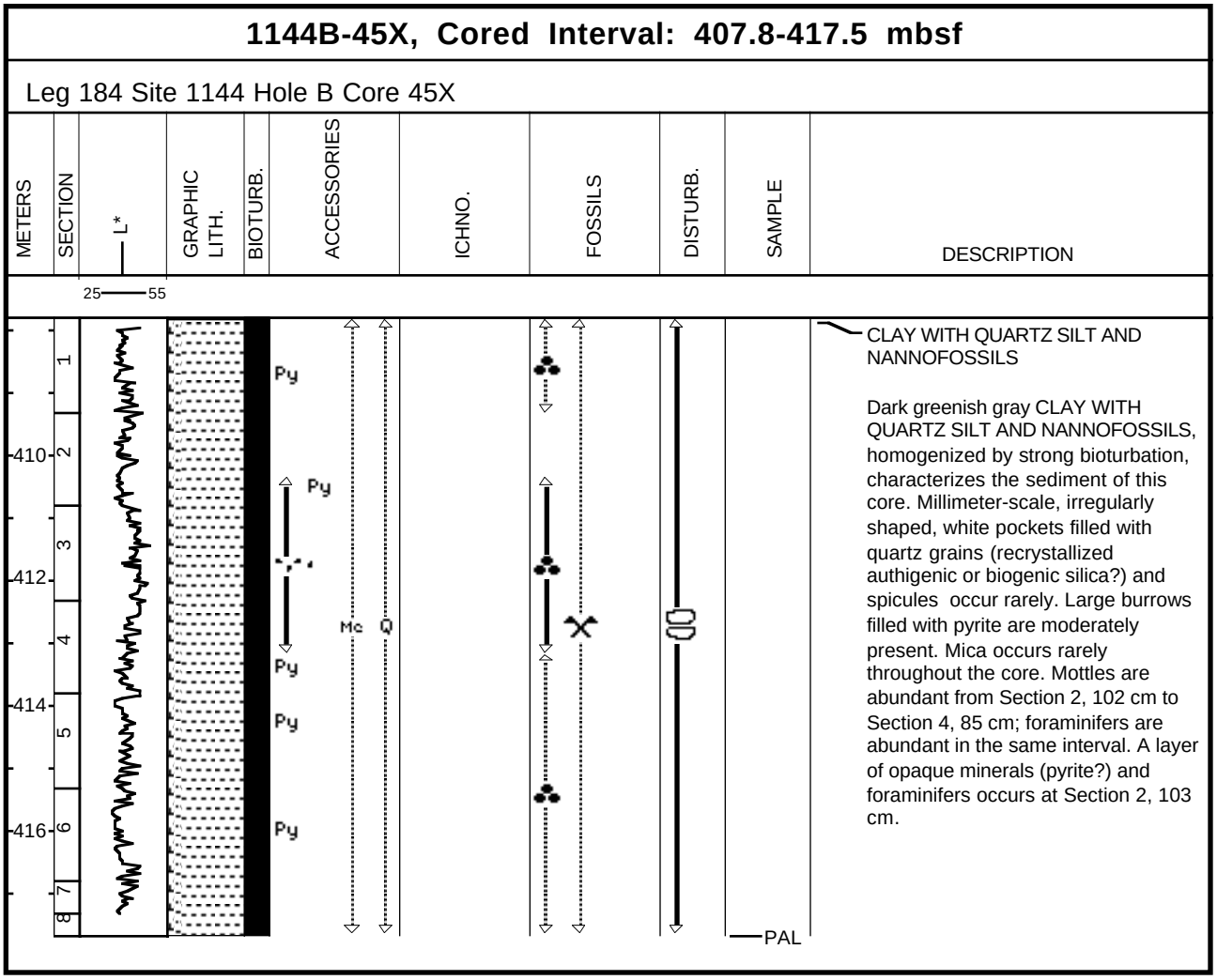
Core Photo


1144B-43X, Cored Interval: 388.5-398.1 mbsf
Leg 184 Site 1144 Hole B Core 43X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
390
392
394
396
398
1
2
3
4
5
6
7
Py
Mc
Q
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) and spicules occur rarely. Large (> 1 cm) pyrite burrow fills are common. Foraminifers and mica are rare.

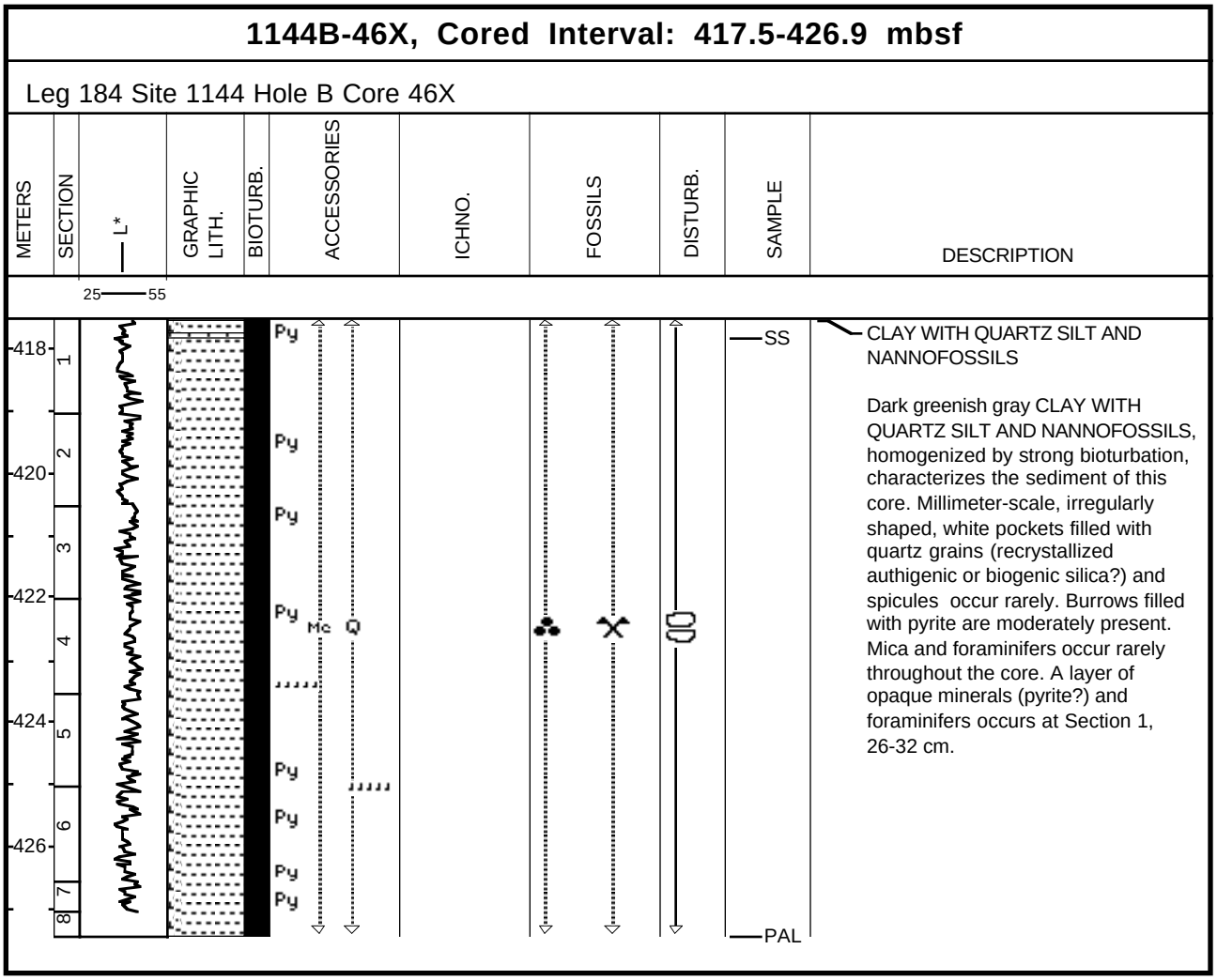
Core Photo


1144B-44X, Cored Interval: 398.1-407.8 mbsf
Leg 184 Site 1144 Hole B Core 44X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
400
402
404
406
1
2
3
4
5
6
7
8
Py
Py
Py
Py
Py
Wd
Mc
Q
SS
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) and spicules occur rarely. Large burrows filled with pyrite are moderately present. Foraminifers and mica occur rarely throughout the core, except a foraminifer-rich layer at Section 4, 29-39 cm.

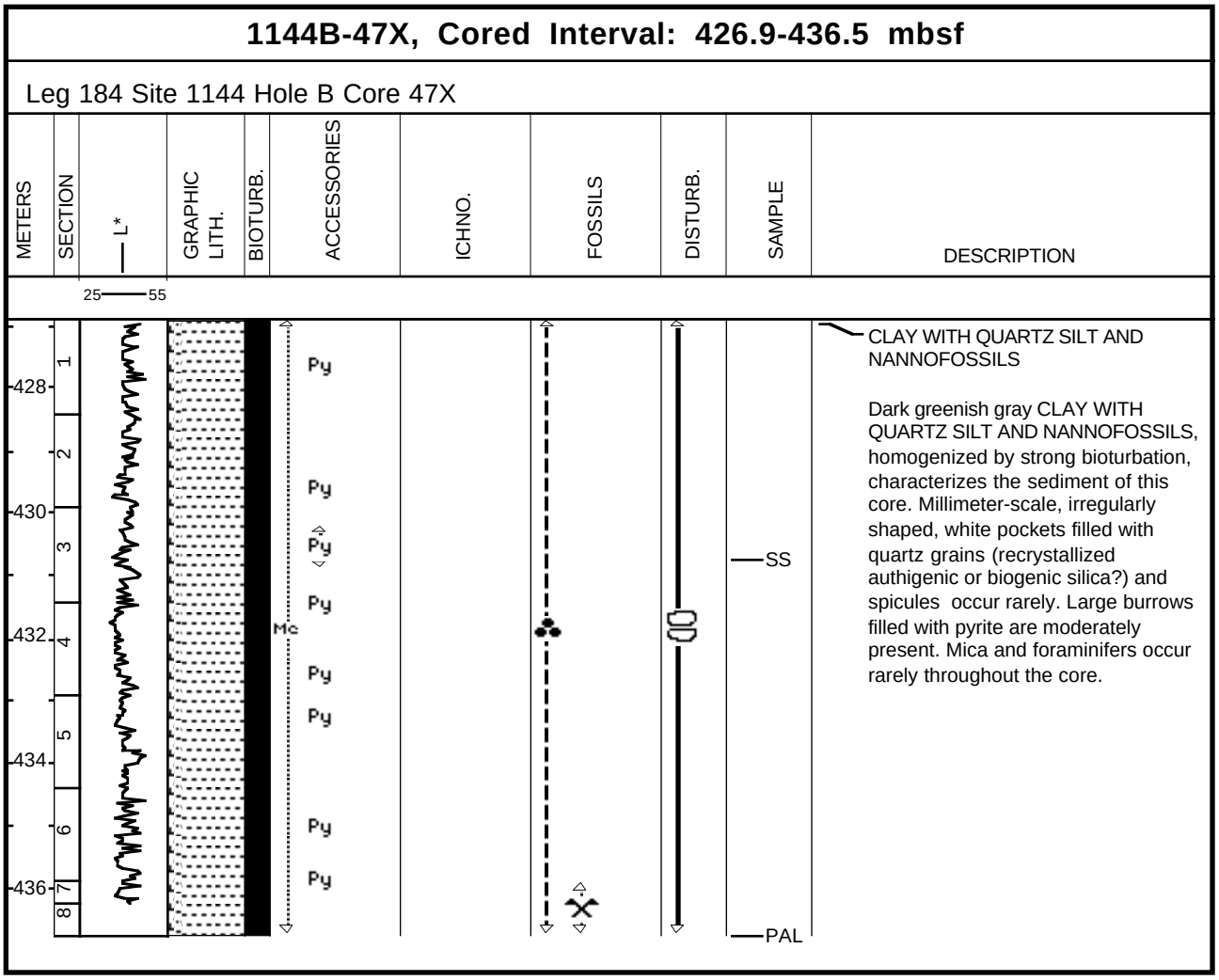
Core Photo


1144B-45X, Cored Interval: 407.8-417.5 mbsf
Leg 184 Site 1144 Hole B Core 45X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
410
412
414
416
1
2
3
4
5
6
7
Py
Py
Py
Py
Py
Mc
Q
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) and spicules occur rarely. Large burrows filled with pyrite are moderately present. Mica occurs rarely throughout the core. Mottles are abundant from Section 2, 102 cm to Section 4, 85 cm; foraminifers are abundant in the same interval. A layer of opaque minerals (pyrite?) and foraminifers occurs at Section 2, 103 cm.

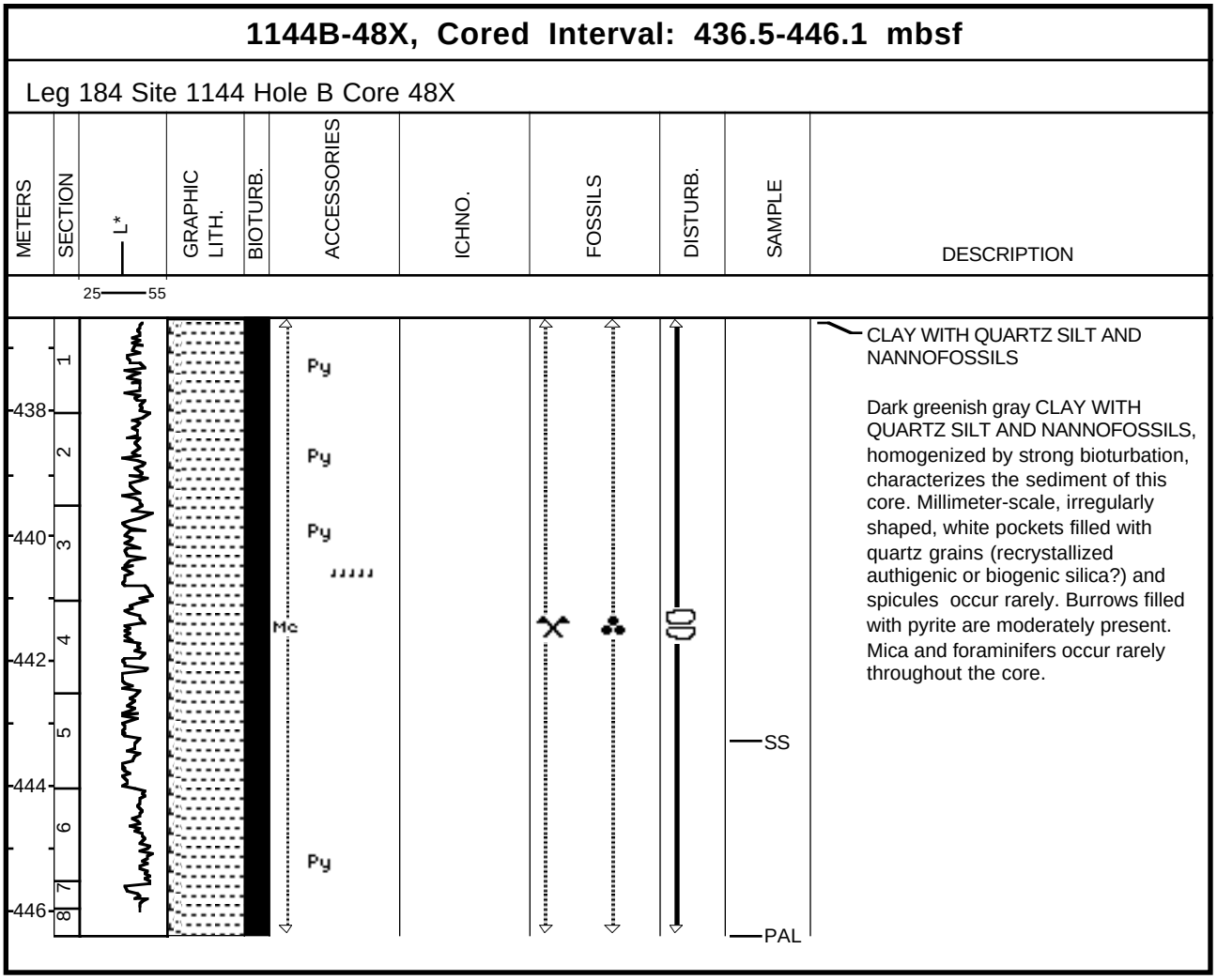
Core Photo


1144B-46X, Cored Interval: 417.5-426.9 mbsf
Leg 184 Site 1144 Hole B Core 46X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
418
420
422
424
426
1
2
3
4
5
6
7
8
Py
Mc
Q
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) and spicules occur rarely. Burrows filled with pyrite are moderately present. Mica and foraminifers occur rarely throughout the core. A layer of opaque minerals (pyrite?) and foraminifers occurs at Section 1, 26-32 cm.

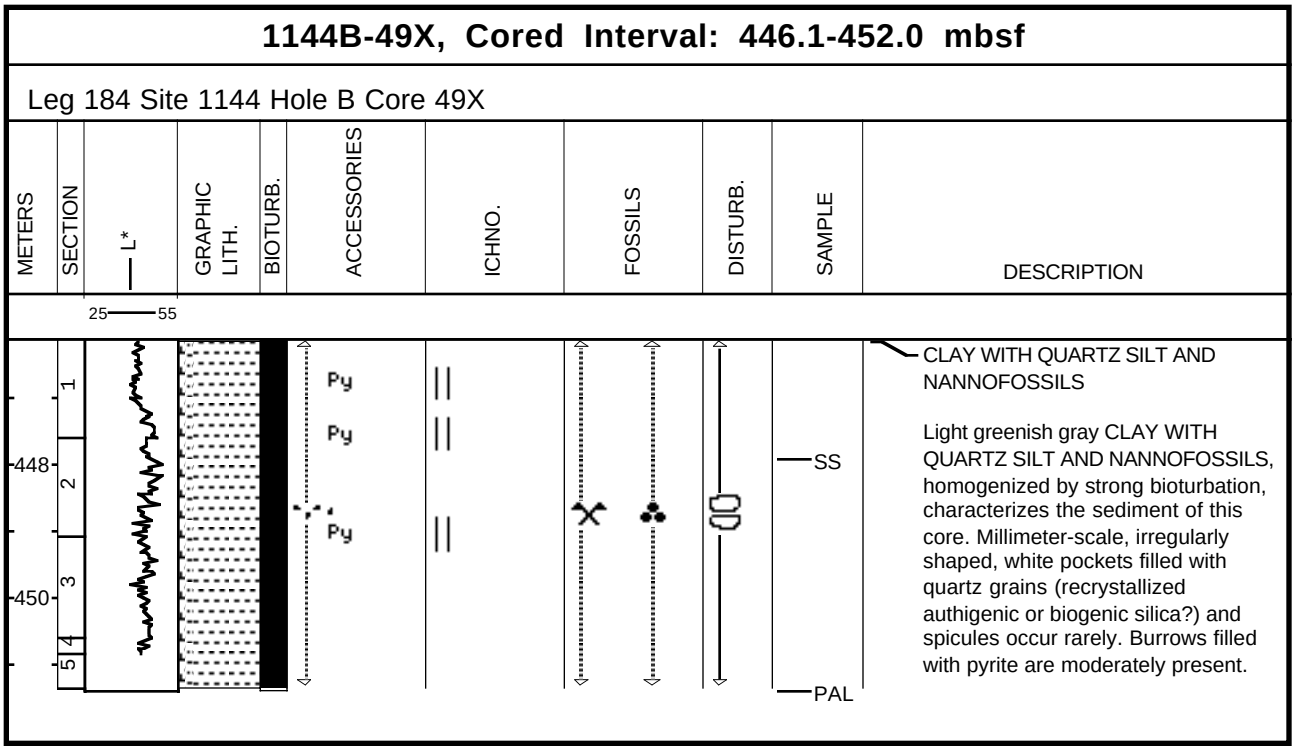
Core Photo


1144B-47X, Cored Interval: 426.9-436.5 mbsf
Leg 184 Site 1144 Hole B Core 47X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
428
430
432
434
436
1
2
3
4
5
6
7
8
Py
Mc
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) and spicules occur rarely. Large burrows filled with pyrite are moderately present. Mica and foraminifers occur rarely throughout the core.

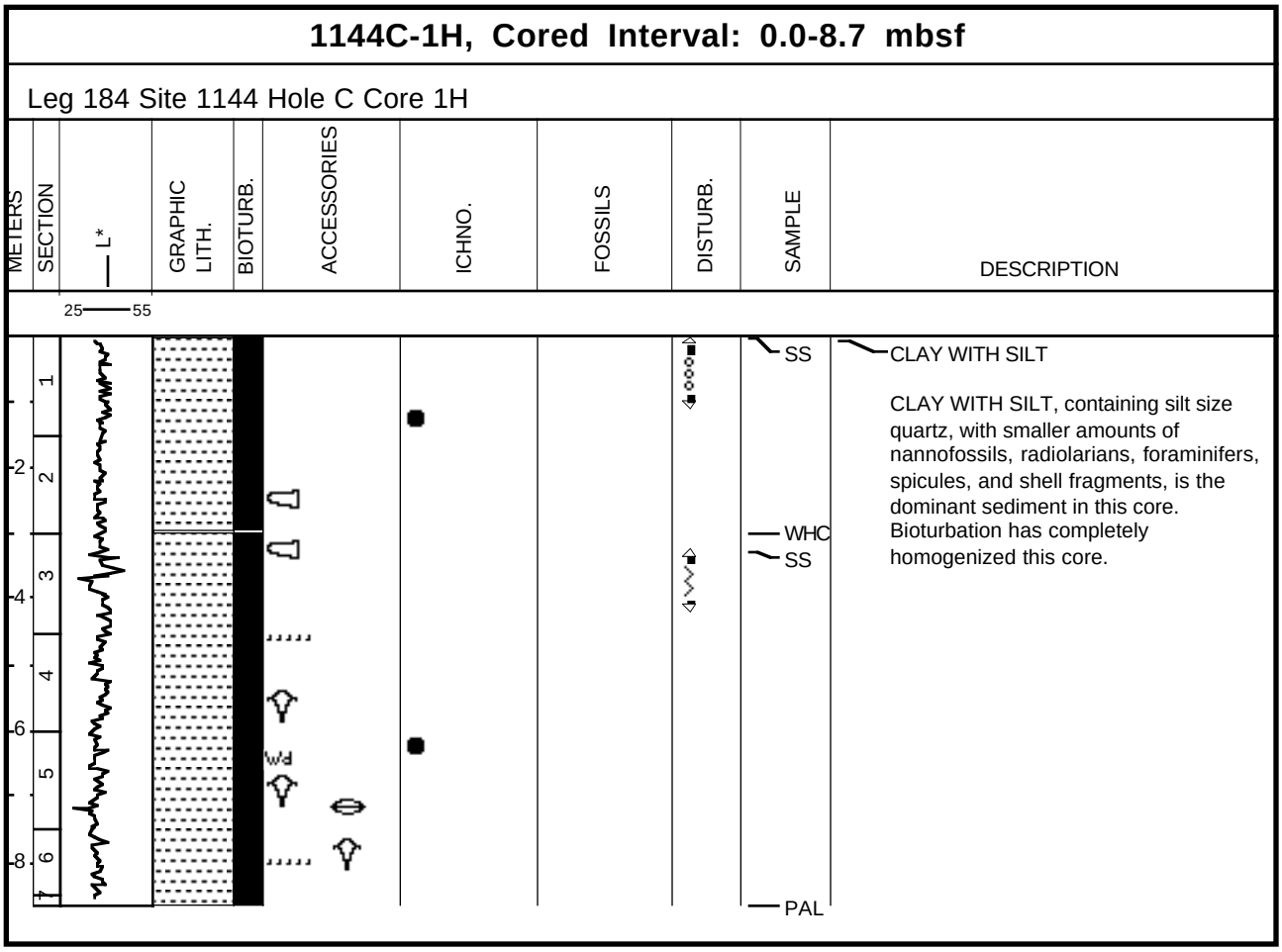
Core Photo


1144B-48X, Cored Interval: 436.5-446.1 mbsf
Leg 184 Site 1144 Hole B Core 48X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
438
440
442
444
446
1
2
3
4
5
6
7
8
Py
Py
Py
Mc
Py
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Dark greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) and spicules occur rarely. Burrows filled with pyrite are moderately present. Mica and foraminifers occur rarely throughout the core.

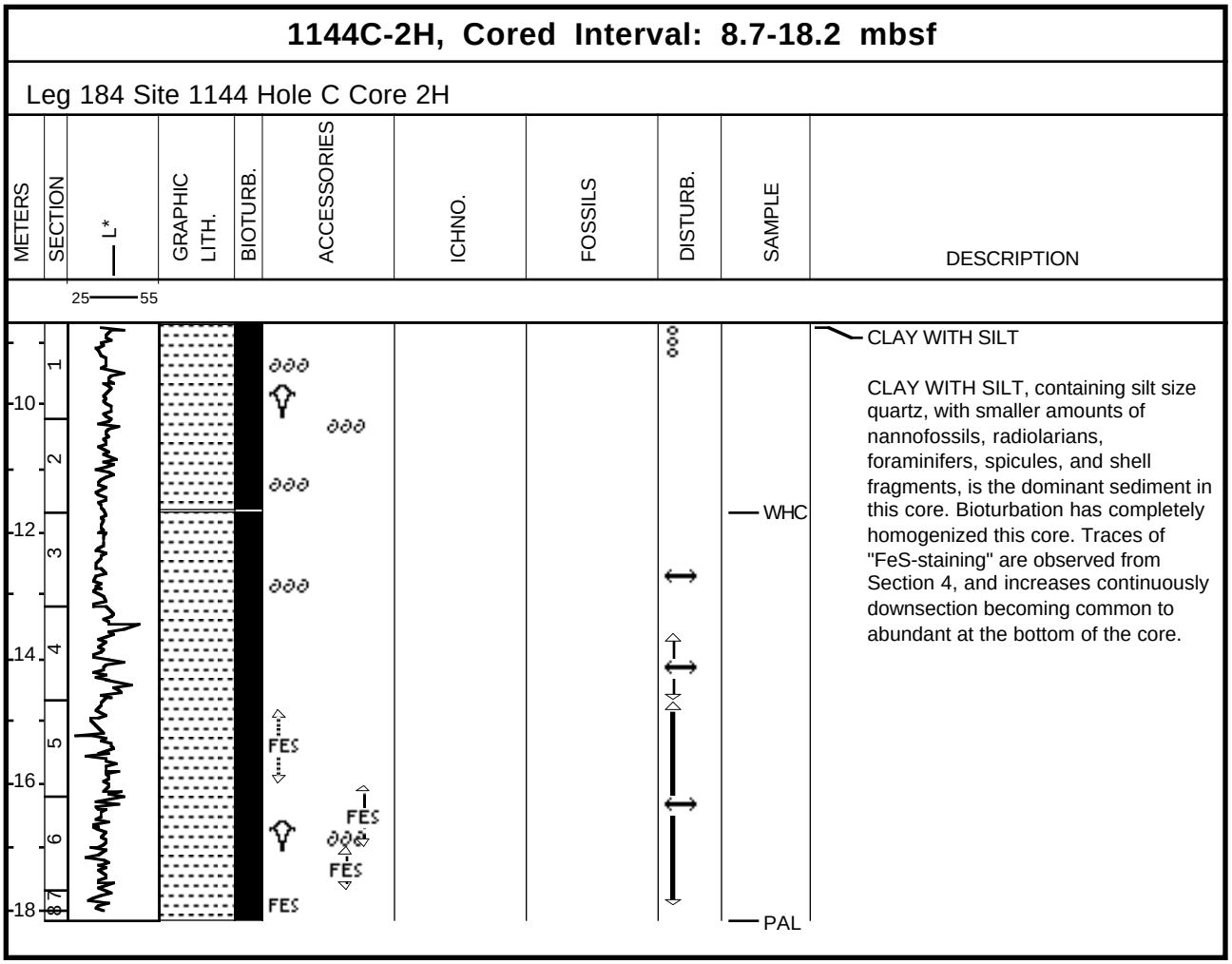
Core Photo


1144B-49X, Cored Interval: 446.1-452.0 mbsf
Leg 184 Site 1144 Hole B Core 49X
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
448
450
1
2
3
4
5
Py
Py
Py
SS
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Light greenish gray CLAY WITH QUARTZ SILT AND NANNOFOSSILS, homogenized by strong bioturbation, characterizes the sediment of this core. Millimeter-scale, irregularly shaped, white pockets filled with quartz grains (recrystallized authigenic or biogenic silica?) and spicules occur rarely. Burrows filled with pyrite are moderately present.

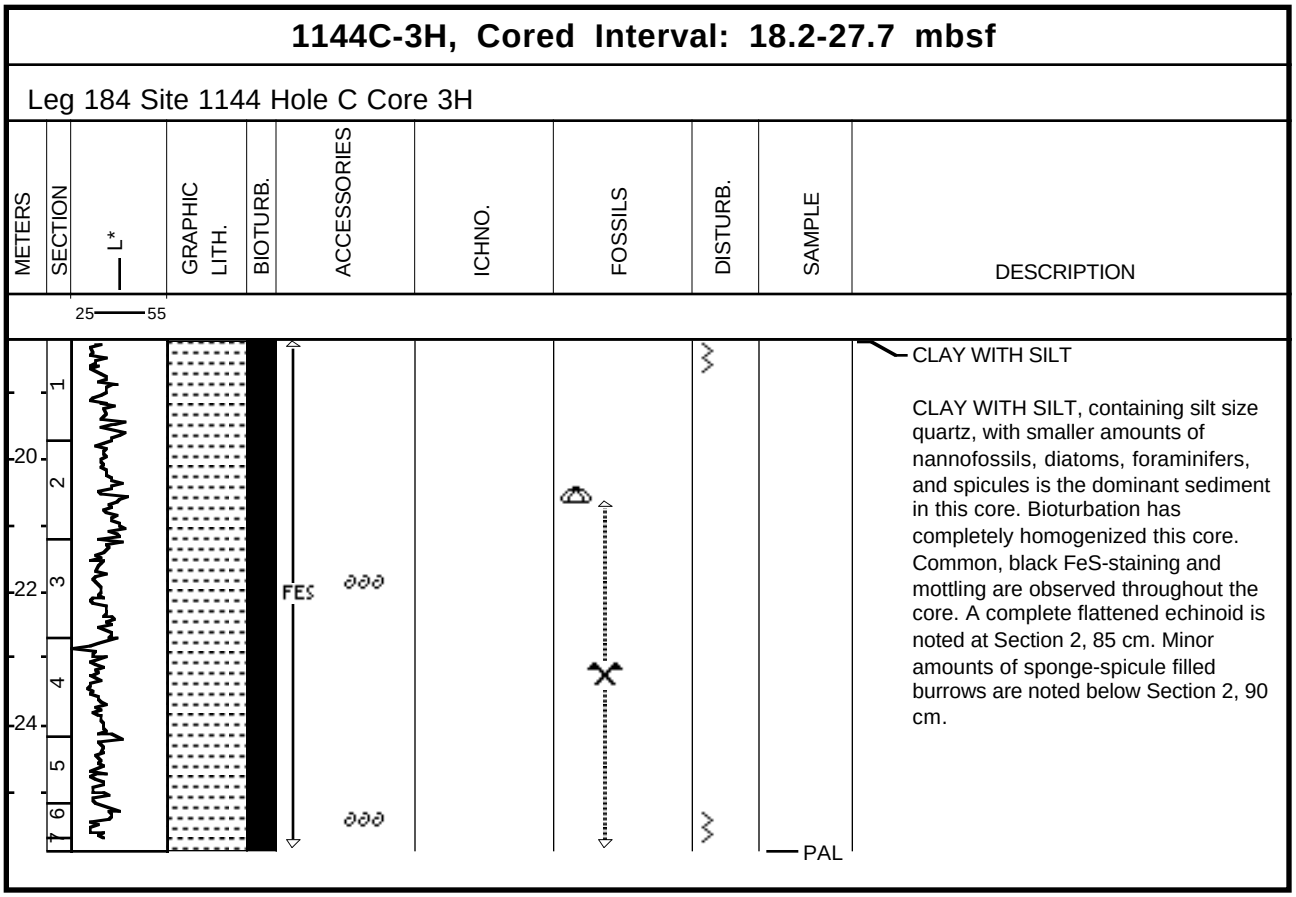
Core Photo


1144C-1H, Cored Interval: 0.0-8.7 mbsf
Leg 184 Site 1144 Hole C Core 1H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
1
2
3
4
5
6
7
-2
-4
-6
-8
w/d
SS
WHC
SS
PAL
CLAY WITH SILT
CLAY WITH SILT, containing silt size quartz, with smaller amounts of nannofossils, radiolarians, foraminifers, spicules, and shell fragments, is the dominant sediment in this core. Bioturbation has completely homogenized this core.

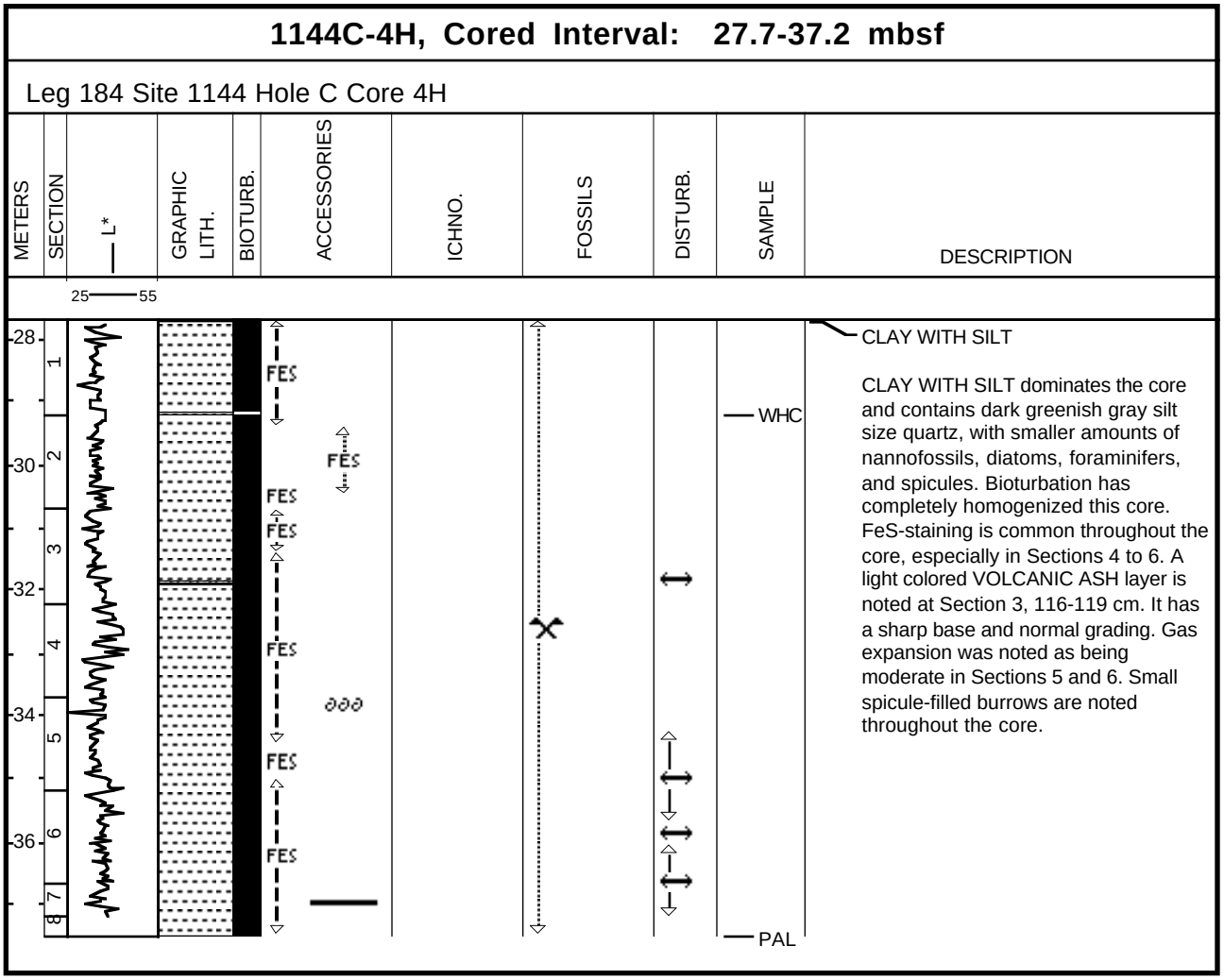
Core Photo


1144C-2H, Cored Interval: 8.7-18.2 mbsf
Leg 184 Site 1144 Hole C Core 2H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
10
12
14
16
18
1
2
3
4
5
6
7
FES
WHC
PAL
CLAY WITH SILT
CLAY WITH SILT, containing silt size quartz, with smaller amounts of nannofossils, radiolarians, foraminifers, spicules, and shell fragments, is the dominant sediment in this core. Bioturbation has completely homogenized this core. Traces of "FeS-staining" are observed from Section 4, and increases continuously downsection becoming common to abundant at the bottom of the core.

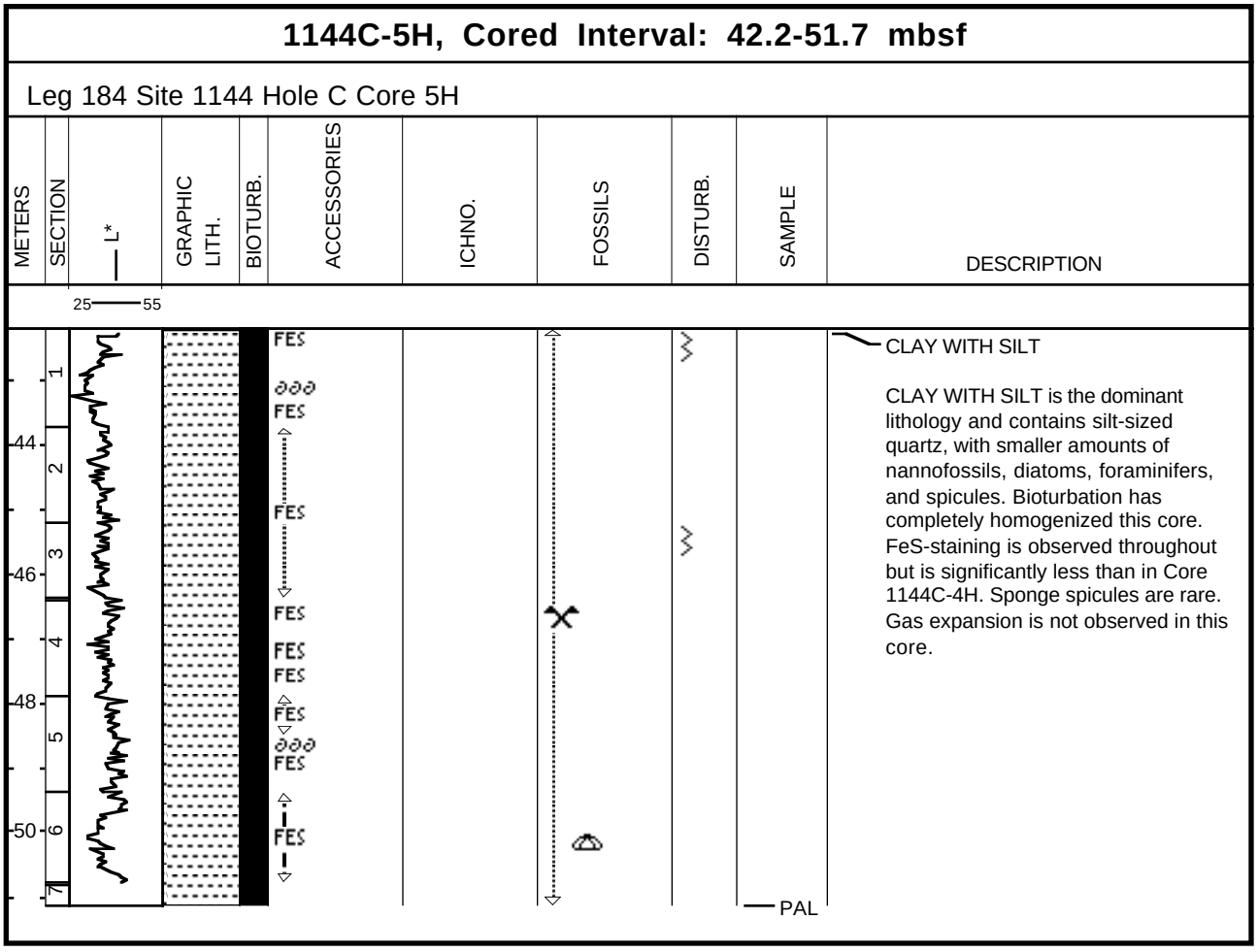
Core Photo


1144C-3H, Cored Interval: 18.2-27.7 mbsf
Leg 184 Site 1144 Hole C Core 3H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
20
22
24
1
2
3
4
5
6
FES
PAL
CLAY WITH SILT
CLAY WITH SILT, containing silt size quartz, with smaller amounts of nannofossils, diatoms, foraminifers, and spicules is the dominant sediment in this core. Bioturbation has completely homogenized this core. Common, black FeS-staining and mottling are observed throughout the core. A complete flattened echinoid is noted at Section 2, 85 cm. Minor amounts of sponge-spicule filled burrows are noted below Section 2, 90 cm.

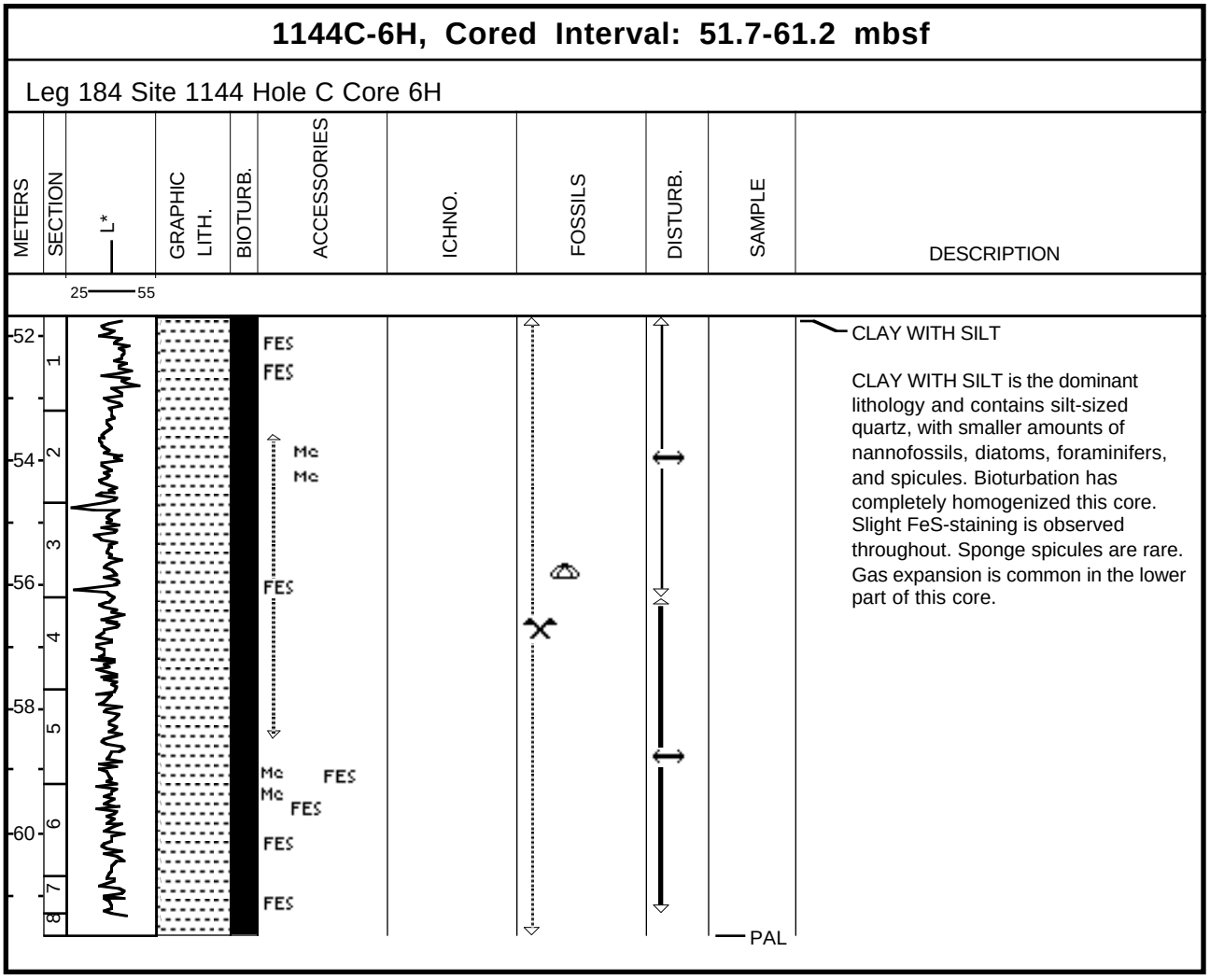
Core Photo


1144C-4H, Cored Interval: 27.7-37.2 mbsf
Leg 184 Site 1144 Hole C Core 4H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
28
30
32
34
36
1
2
3
4
5
6
7
FES
WHC
PAL
CLAY WITH SILT
CLAY WITH SILT dominates the core and contains dark greenish gray silt size quartz, with smaller amounts of nannofossils, diatoms, foraminifers, and spicules. Bioturbation has completely homogenized this core. FeS-staining is common throughout the core, especially in Sections 4 to 6. A light colored VOLCANIC ASH layer is noted at Section 3, 116-119 cm. It has a sharp base and normal grading. Gas expansion was noted as being moderate in Sections 5 and 6. Small spicule-filled burrows are noted throughout the core.

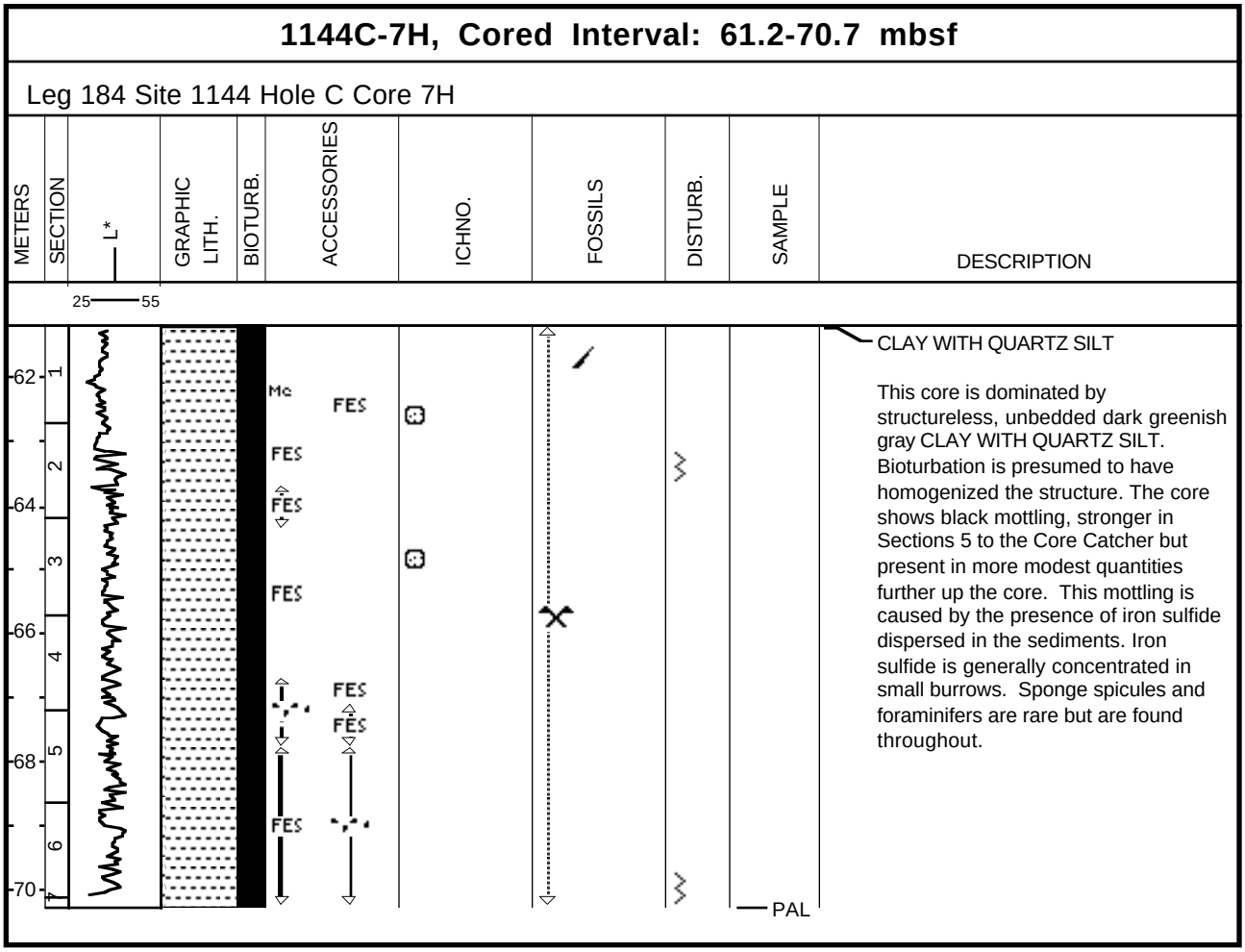
Core Photo


1144C-5H, Cored Interval: 42.2-51.7 mbsf
Leg 184 Site 1144 Hole C Core 5H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
44
46
48
50
1
2
3
4
5
6
7
FES
PAL
CLAY WITH SILT
CLAY WITH SILT is the dominant lithology and contains silt-sized quartz, with smaller amounts of nannofossils, diatoms, foraminifers, and spicules. Bioturbation has completely homogenized this core. FeS-staining is observed throughout but is significantly less than in Core 1144C-4H. Sponge spicules are rare. Gas expansion is not observed in this core.

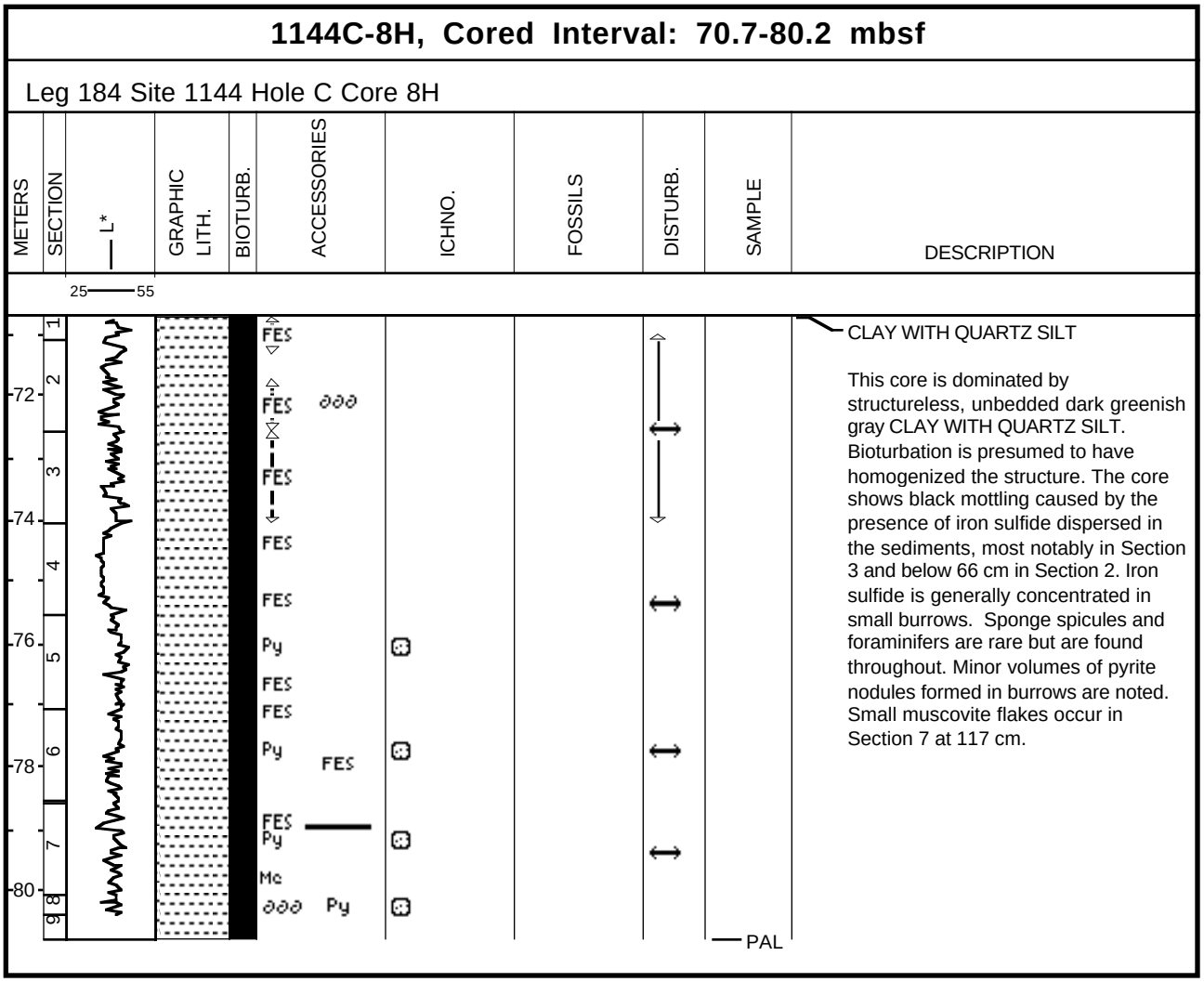
Core Photo


1144C-6H, Cored Interval: 51.7-61.2 mbsf
Leg 184 Site 1144 Hole C Core 6H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
52
54
56
58
60
1
2
3
4
5
6
7
8
FES
FES
Mc
Mc
FES
Mc
Mc
FES
FES
FES
FES
PAL
CLAY WITH SILT
CLAY WITH SILT is the dominant lithology and contains silt-sized quartz, with smaller amounts of nannofossils, diatoms, foraminifers, and spicules. Bioturbation has completely homogenized this core. Slight FeS-staining is observed throughout. Sponge spicules are rare. Gas expansion is common in the lower part of this core.

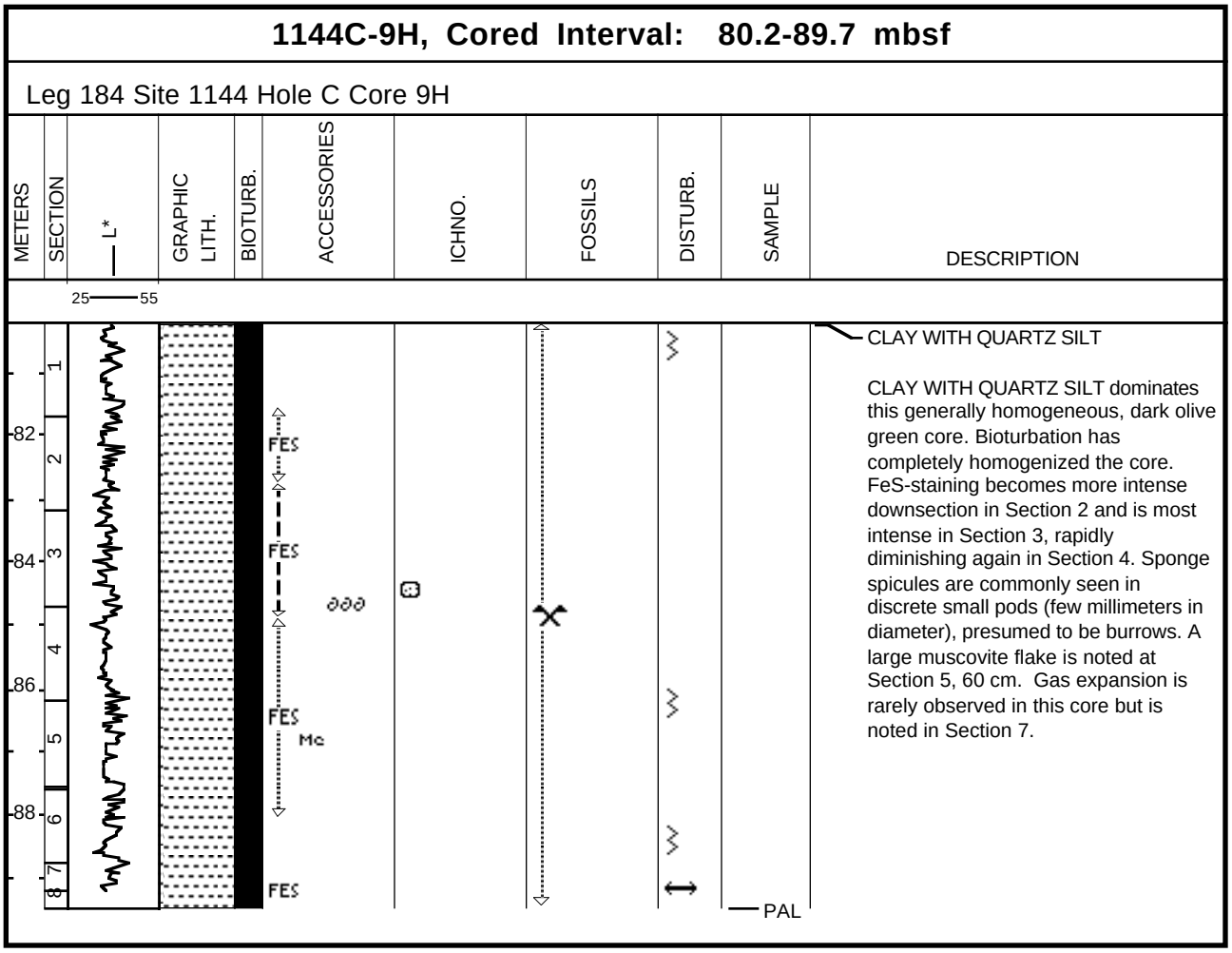
Core Photo


1144C-7H, Cored Interval: 61.2-70.7 mbsf
Leg 184 Site 1144 Hole C Core 7H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
62
64
66
68
70
1
2
3
4
5
6
7
Mc
FES
PAL
CLAY WITH QUARTZ SILT
This core is dominated by structureless, unbedded dark greenish gray CLAY WITH QUARTZ SILT. Bioturbation is presumed to have homogenized the structure. The core shows black mottling, stronger in Sections 5 to the Core Catcher but present in more modest quantities further up the core. This mottling is caused by the presence of iron sulfide dispersed in the sediments. Iron sulfide is generally concentrated in small burrows. Sponge spicules and foraminifers are rare but are found throughout.

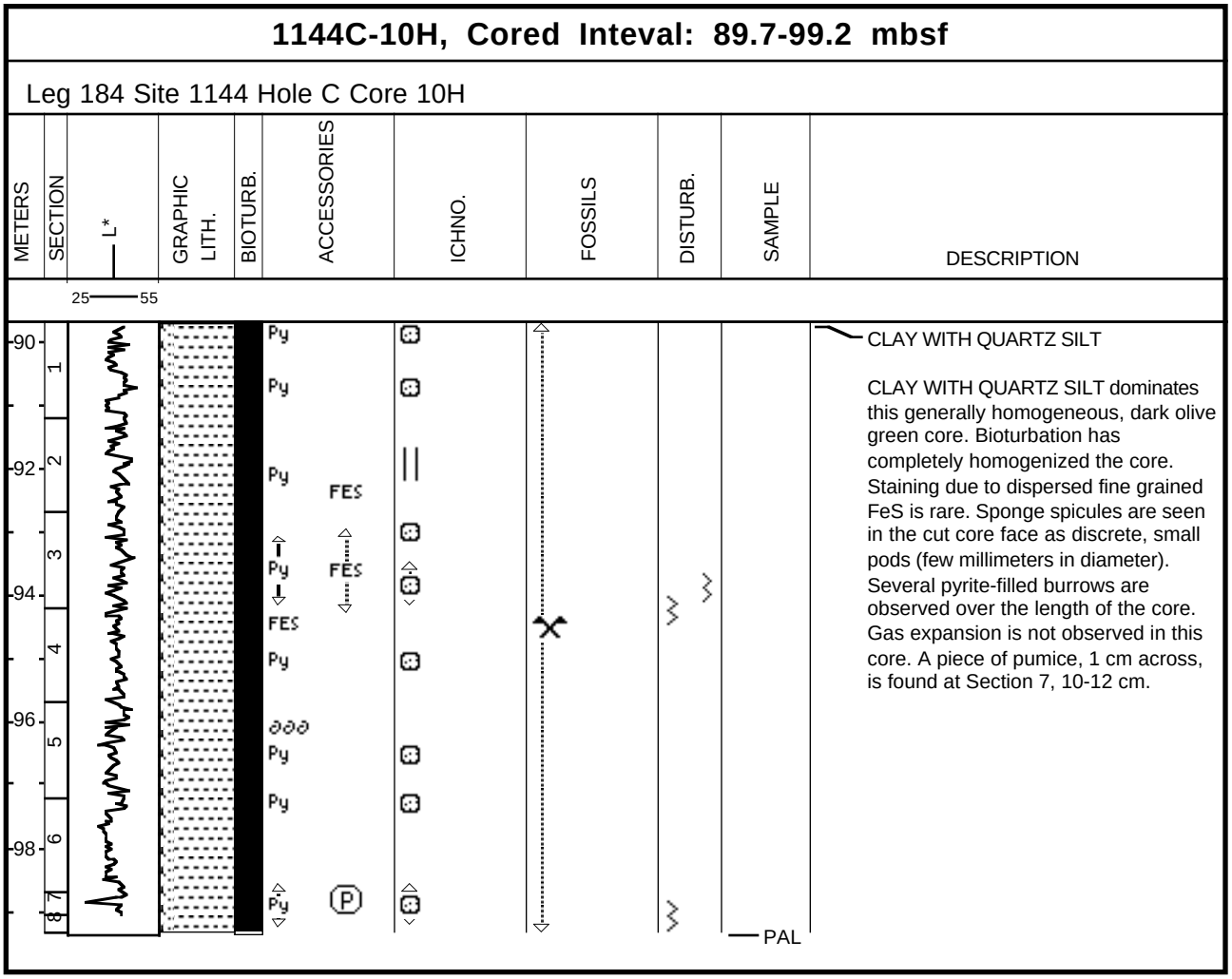
Core Photo


1144C-8H, Cored Interval: 70.7-80.2 mbsf
Leg 184 Site 1144 Hole C Core 8H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
72
74
76
78
80
1
2
3
4
5
6
7
8
9
FES
Py
Mc
PAL
CLAY WITH QUARTZ SILT
This core is dominated by structureless, unbedded dark greenish gray CLAY WITH QUARTZ SILT. Bioturbation is presumed to have homogenized the structure. The core shows black mottling caused by the presence of iron sulfide dispersed in the sediments, most notably in Section 3 and below 66 cm in Section 2. Iron sulfide is generally concentrated in small burrows. Sponge spicules and foraminifers are rare but are found throughout. Minor volumes of pyrite nodules formed in burrows are noted. Small muscovite flakes occur in Section 7 at 117 cm.

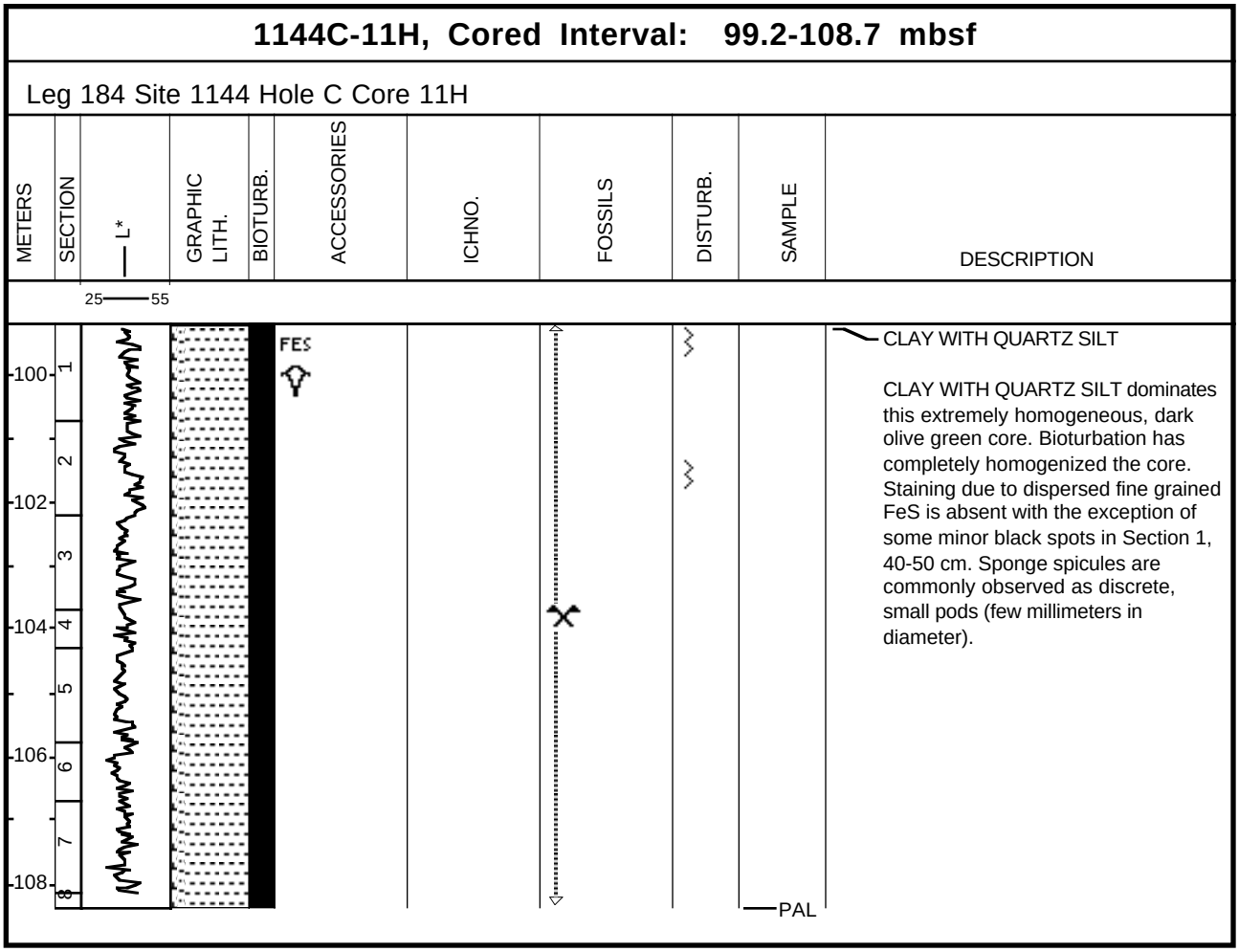
Core Photo


1144C-9H, Cored Interval: 80.2-89.7 mbsf
Leg 184 Site 1144 Hole C Core 9H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
82
84
86
88
1
2
3
4
5
6
7
FES
FES
FES
FES
Mc
PAL
CLAY WITH QUARTZ SILT
CLAY WITH QUARTZ SILT dominates this generally homogeneous, dark olive green core. Bioturbation has completely homogenized the core. FeS-staining becomes more intense downsection in Section 2 and is most intense in Section 3, rapidly diminishing again in Section 4. Sponge spicules are commonly seen in discrete small pods (few millimeters in diameter), presumed to be burrows. A large muscovite flake is noted at Section 5, 60 cm. Gas expansion is rarely observed in this core but is noted in Section 7.

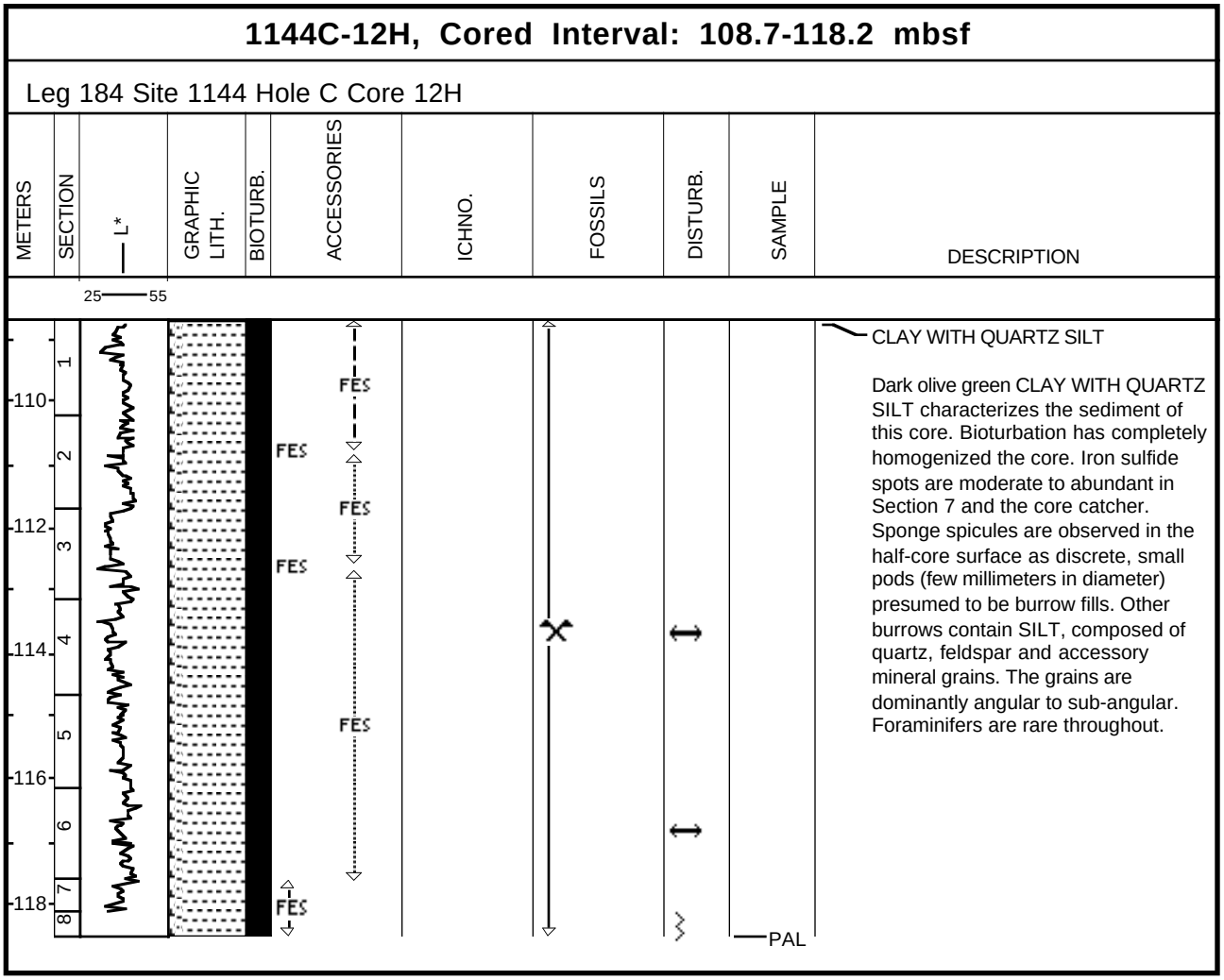
Core Photo


1144C-10H, Cored Inteval: 89.7-99.2 mbsf
Leg 184 Site 1144 Hole C Core 10H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
90
92
94
96
98
1
2
3
4
5
6
7
Py
FES
P
PAL
CLAY WITH QUARTZ SILT
CLAY WITH QUARTZ SILT dominates this generally homogeneous, dark olive green core. Bioturbation has completely homogenized the core. Staining due to dispersed fine grained FeS is rare. Sponge spicules are seen in the cut core face as discrete, small pods (few millimeters in diameter). Several pyrite-filled burrows are observed over the length of the core. Gas expansion is not observed in this core. A piece of pumice, 1 cm across, is found at Section 7, 10-12 cm.

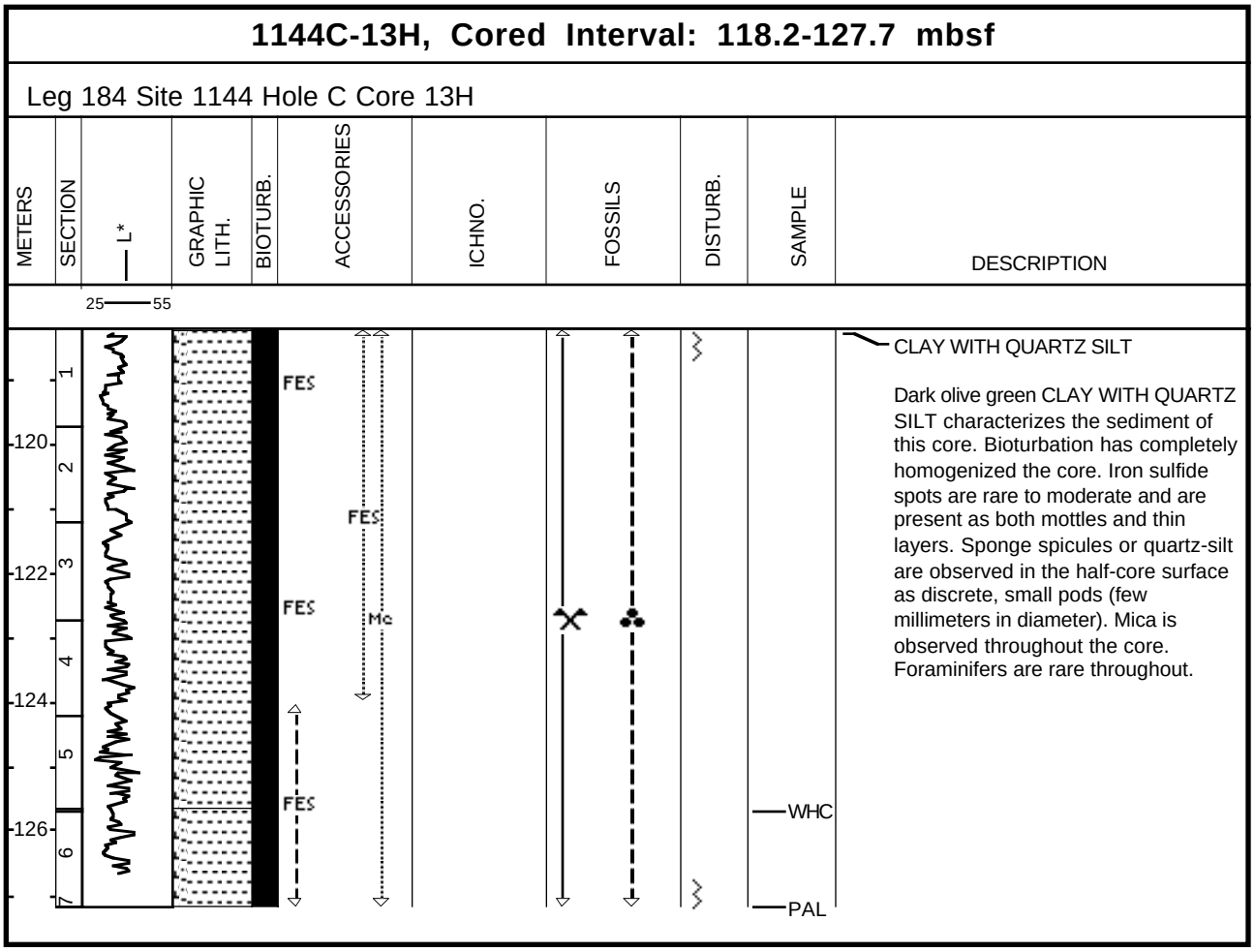
Core Photo


1144C-11H, Cored Interval: 99.2-108.7 mbsf
Leg 184 Site 1144 Hole C Core 11H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
100
102
104
106
108
1
2
3
4
5
6
7
8
FES
PAL
CLAY WITH QUARTZ SILT
CLAY WITH QUARTZ SILT dominates this extremely homogeneous, dark olive green core. Bioturbation has completely homogenized the core. Staining due to dispersed fine grained FeS is absent with the exception of some minor black spots in Section 1, 40-50 cm. Sponge spicules are commonly observed as discrete, small pods (few millimeters in diameter).

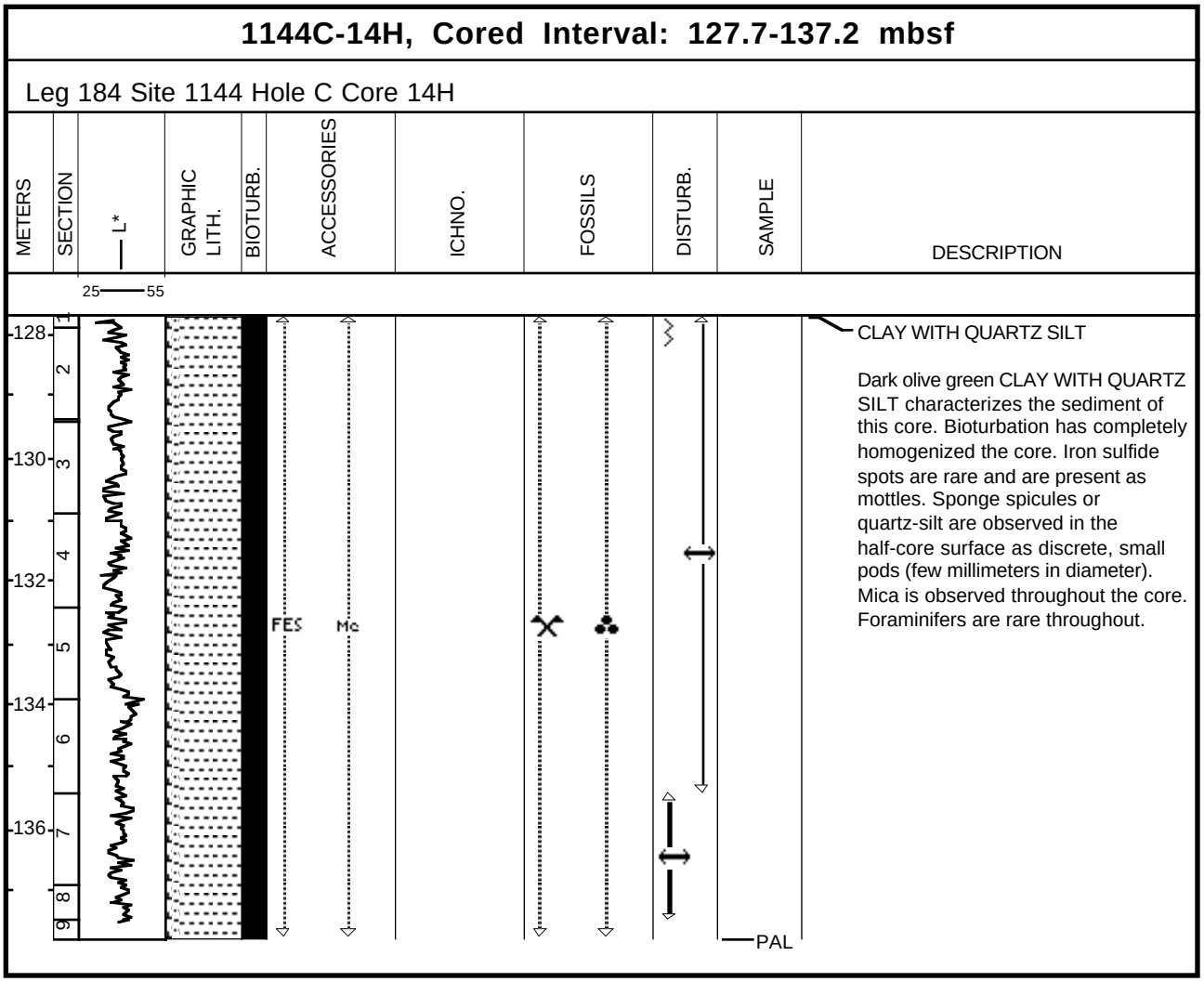
Core Photo


1144C-12H, Cored Interval: 108.7-118.2 mbsf
Leg 184 Site 1144 Hole C Core 12H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
110
112
114
116
118
1
2
3
4
5
6
7
8
FES
FES
FES
FES
FES
PAL
CLAY WITH QUARTZ SILT
Dark olive green CLAY WITH QUARTZ SILT characterizes the sediment of this core. Bioturbation has completely homogenized the core. Iron sulfide spots are moderate to abundant in Section 7 and the core catcher. Sponge spicules are observed in the half-core surface as discrete, small pods (few millimeters in diameter) presumed to be burrow fills. Other burrows contain SILT, composed of quartz, feldspar and accessory mineral grains. The grains are dominantly angular to sub-angular. Foraminifers are rare throughout.

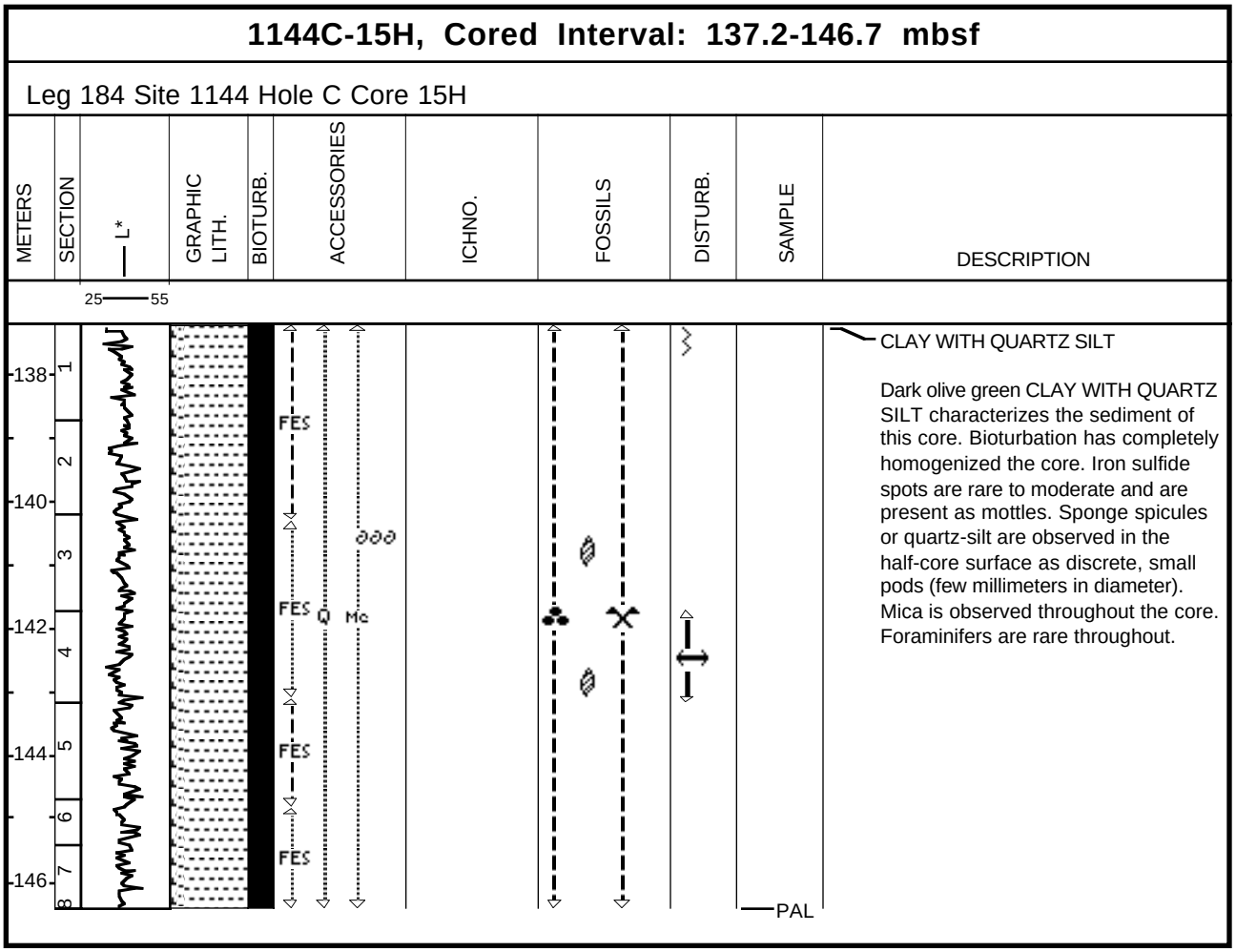
Core Photo


1144C-13H, Cored Interval: 118.2-127.7 mbsf
Leg 184 Site 1144 Hole C Core 13H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
120
122
124
126
1
2
3
4
5
6
7
FES
FES
FES
FES
Mc
WHC
PAL
CLAY WITH QUARTZ SILT
Dark olive green CLAY WITH QUARTZ SILT characterizes the sediment of this core. Bioturbation has completely homogenized the core. Iron sulfide spots are rare to moderate and are present as both mottles and thin layers. Sponge spicules or quartz-silt are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are rare throughout.

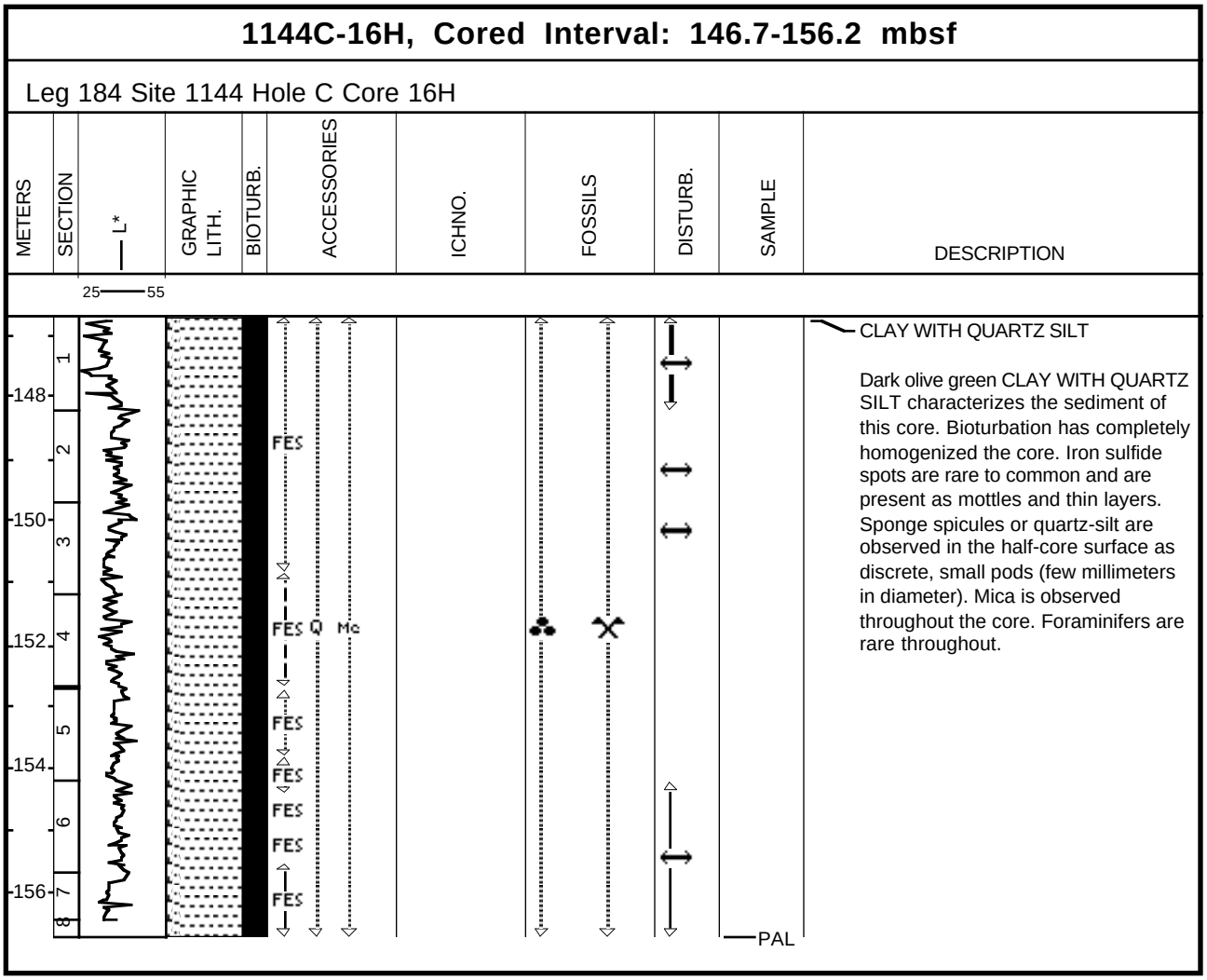
Core Photo


1144C-14H, Cored Interval: 127.7-137.2 mbsf
Leg 184 Site 1144 Hole C Core 14H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
128
130
132
134
136
1
2
3
4
5
6
7
8
9
FES
Mc
PAL
CLAY WITH QUARTZ SILT
Dark olive green CLAY WITH QUARTZ SILT characterizes the sediment of this core. Bioturbation has completely homogenized the core. Iron sulfide spots are rare and are present as mottles. Sponge spicules or quartz-silt are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are rare throughout.

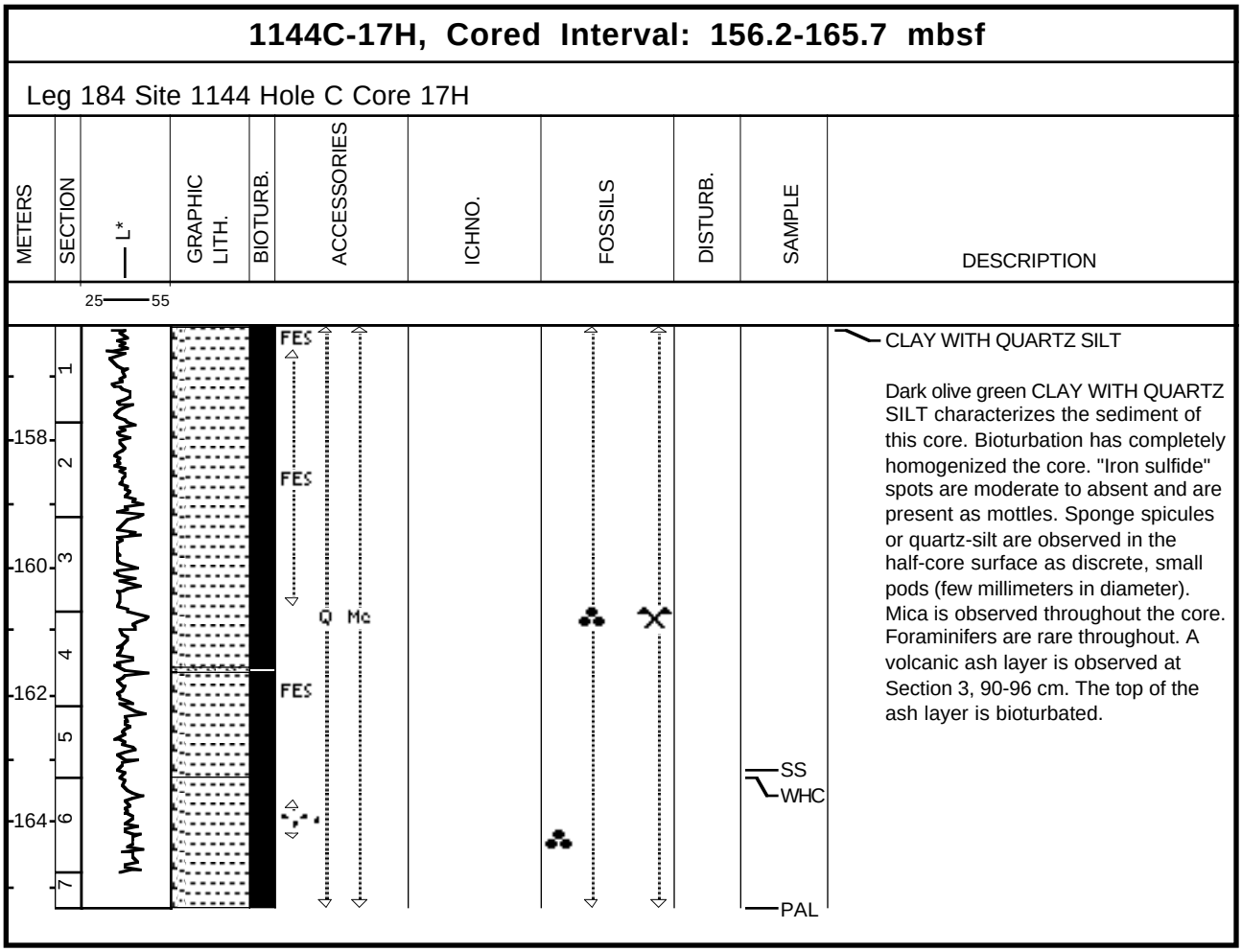
Core Photo


1144C-15H, Cored Interval: 137.2-146.7 mbsf
Leg 184 Site 1144 Hole C Core 15H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
138
140
142
144
146
1
2
3
4
5
6
7
CC
FES
FES
Q
Mc
FES
FES
PAL
CLAY WITH QUARTZ SILT
Dark olive green CLAY WITH QUARTZ SILT characterizes the sediment of this core. Bioturbation has completely homogenized the core. Iron sulfide spots are rare to moderate and are present as mottles. Sponge spicules or quartz-silt are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are rare throughout.

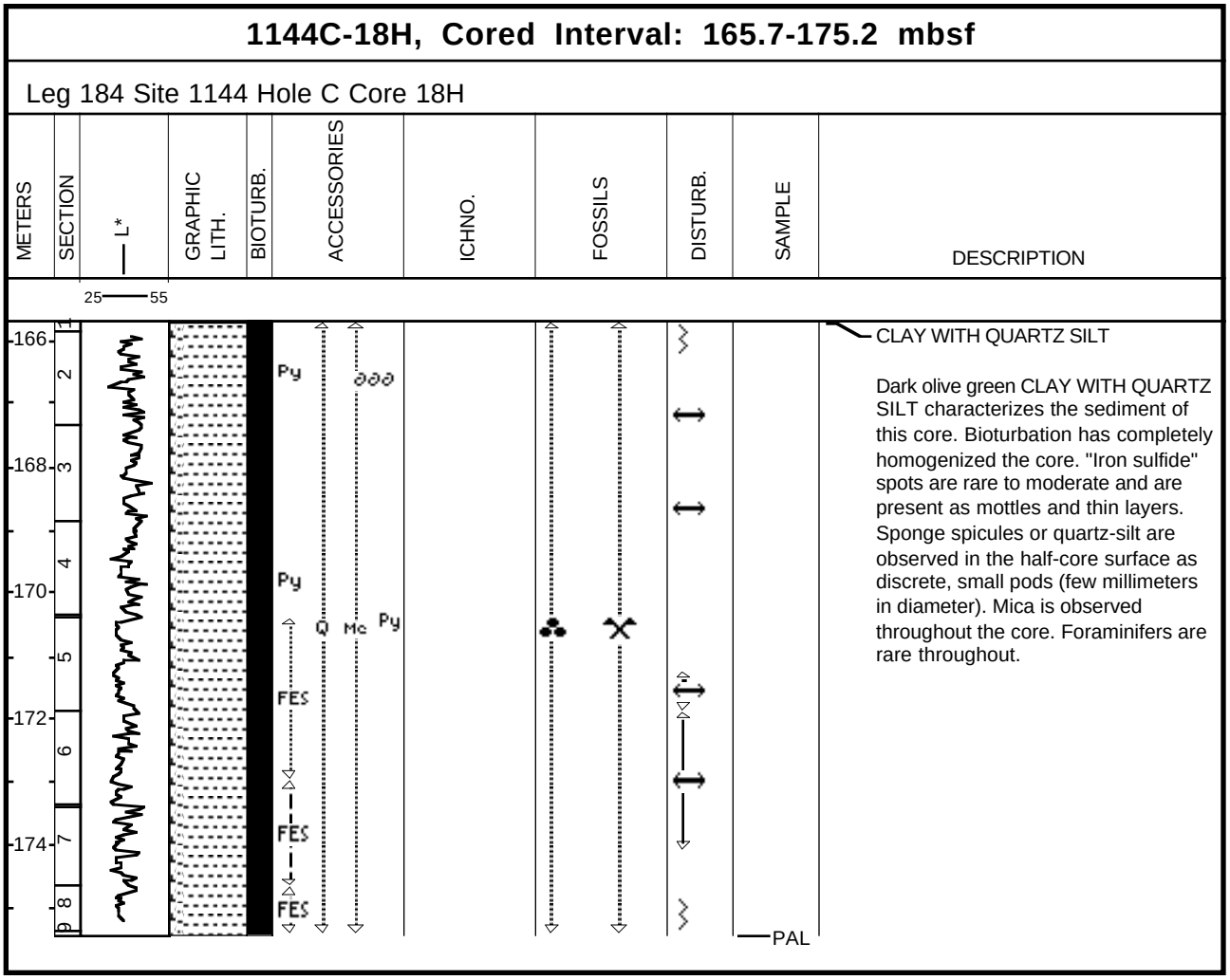
Core Photo


1144C-16H, Cored Interval: 146.7-156.2 mbsf
Leg 184 Site 1144 Hole C Core 16H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
148
150
152
154
156
1
2
3
4
5
6
7
FES
FES Q Mc
FES
FES
FES
FES
FES
PAL
CLAY WITH QUARTZ SILT
Dark olive green CLAY WITH QUARTZ SILT characterizes the sediment of this core. Bioturbation has completely homogenized the core. Iron sulfide spots are rare to common and are present as mottles and thin layers. Sponge spicules or quartz-silt are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are rare throughout.

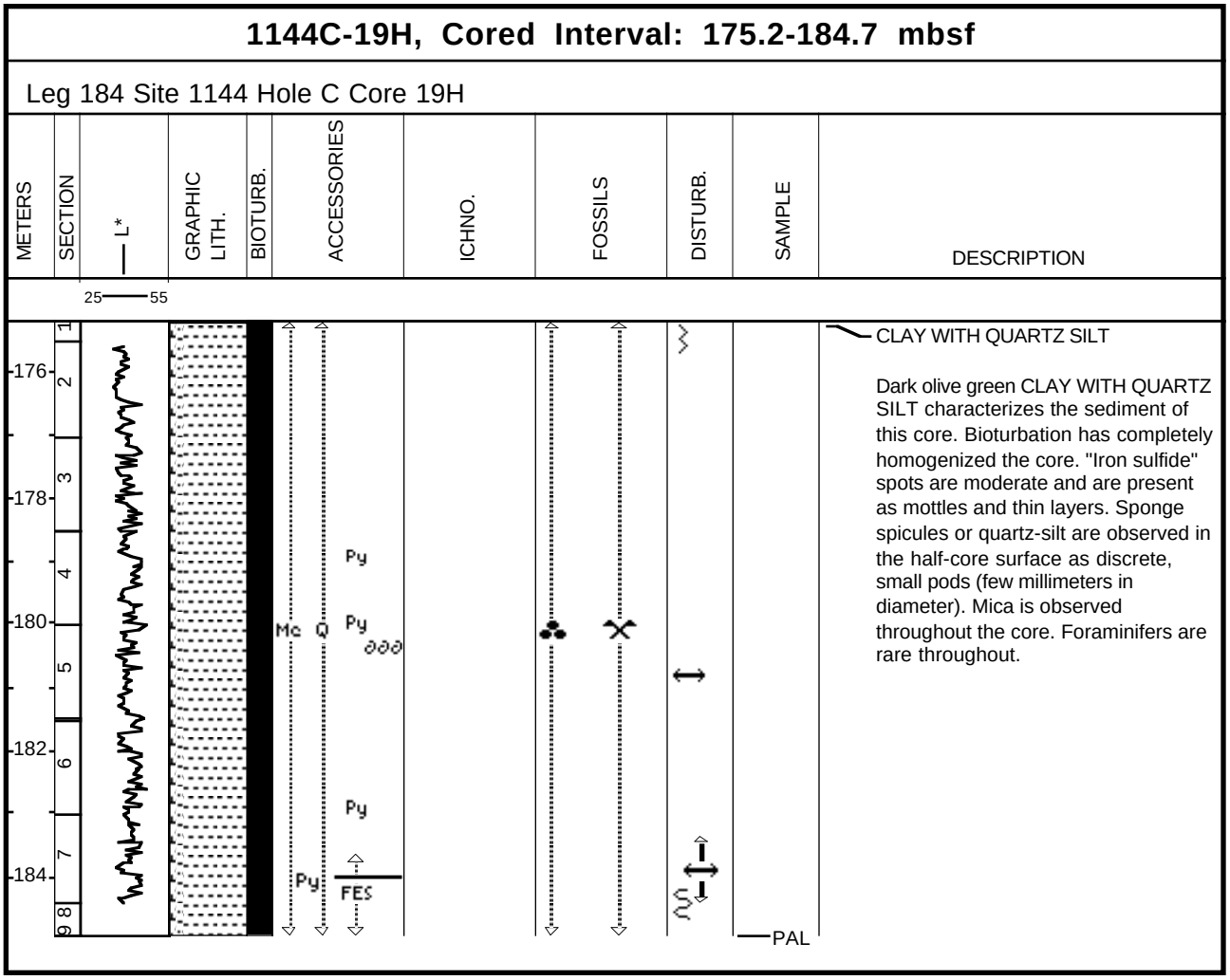
Core Photo


1144C-17H, Cored Interval: 156.2-165.7 mbsf
Leg 184 Site 1144 Hole C Core 17H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
158
160
162
164
1
2
3
4
5
6
7
FES
FES
FES
Q
Mc
SS
WHC
PAL
CLAY WITH QUARTZ SILT
Dark olive green CLAY WITH QUARTZ SILT characterizes the sediment of this core. Bioturbation has completely homogenized the core. "Iron sulfide" spots are moderate to absent and are present as mottles. Sponge spicules or quartz-silt are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are rare throughout. A volcanic ash layer is observed at Section 3, 90-96 cm. The top of the ash layer is bioturbated.

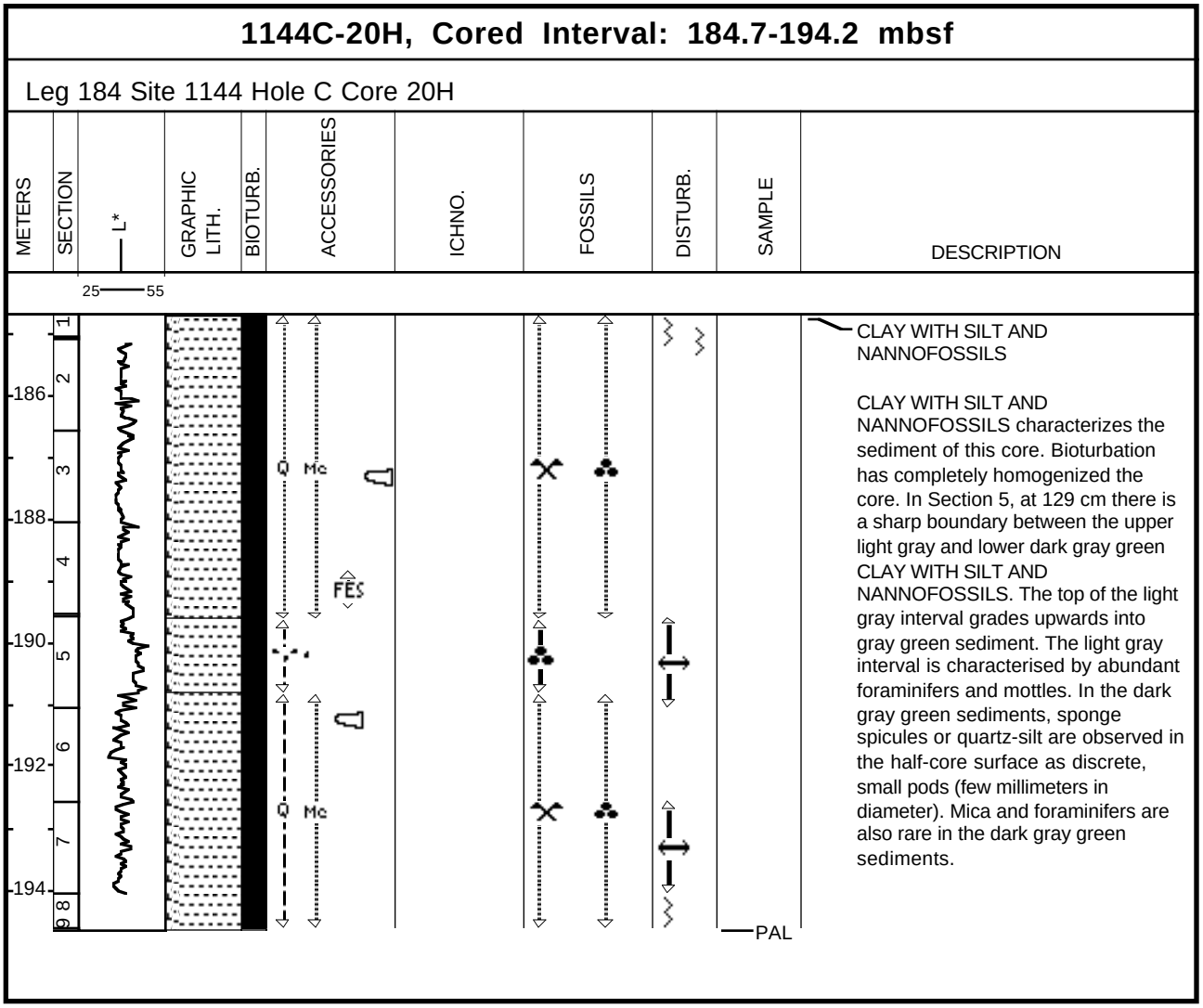
Core Photo


1144C-18H, Cored Interval: 165.7-175.2 mbsf
Leg 184 Site 1144 Hole C Core 18H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
166
168
170
172
174
1
2
3
4
5
6
7
8
CC
Py
Py
Q
Mc
Py
FES
FES
FES
PAL
CLAY WITH QUARTZ SILT
Dark olive green CLAY WITH QUARTZ SILT characterizes the sediment of this core. Bioturbation has completely homogenized the core. "Iron sulfide" spots are rare to moderate and are present as mottles and thin layers. Sponge spicules or quartz-silt are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are rare throughout.

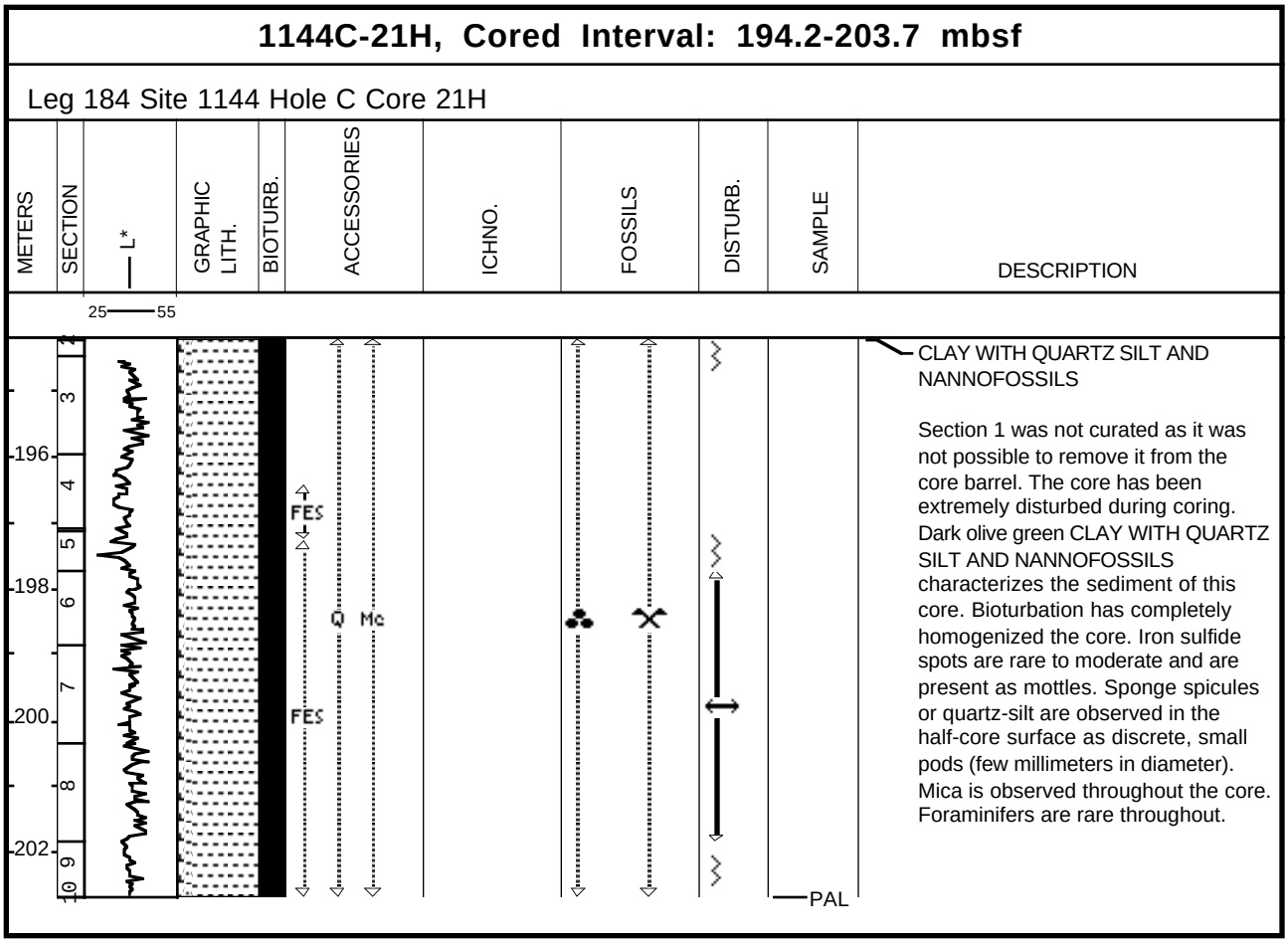
Core Photo


1144C-19H, Cored Interval: 175.2-184.7 mbsf
Leg 184 Site 1144 Hole C Core 19H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
176
178
180
182
184
1
2
3
4
5
6
7
8
9
Mc
Q
Py
Py
Py
Py
FES
PAL
CLAY WITH QUARTZ SILT
Dark olive green CLAY WITH QUARTZ SILT characterizes the sediment of this core. Bioturbation has completely homogenized the core. "Iron sulfide" spots are moderate and are present as mottles and thin layers. Sponge spicules or quartz-silt are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are rare throughout.

Core Photo


1144C-20H, Cored Interval: 184.7-194.2 mbsf
Leg 184 Site 1144 Hole C Core 20H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
186
188
190
192
194
1
2
3
4
5
6
7
8
9
Q
Mc
FES
Q
Mc
PAL
CLAY WITH SILT AND NANNOFOSSILS
CLAY WITH SILT AND NANNOFOSSILS characterizes the sediment of this core. Bioturbation has completely homogenized the core. In Section 5, at 129 cm there is a sharp boundary between the upper light gray and lower dark gray green CLAY WITH SILT AND NANNOFOSSILS. The top of the light gray interval grades upwards into gray green sediment. The light gray interval is characterised by abundant foraminifers and mottles. In the dark gray green sediments, sponge spicules or quartz-silt are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Mica and foraminifers are also rare in the dark gray green sediments.

Core Photo


1144C-21H, Cored Interval: 194.2-203.7 mbsf
Leg 184 Site 1144 Hole C Core 21H
METERS
SECTION
L*
25
55
GRAPHIC LITH.
BIOTURB.
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
196
198
200
202
FES
FES
Q
Mc
PAL
CLAY WITH QUARTZ SILT AND NANNOFOSSILS
Section 1 was not curated as it was not possible to remove it from the core barrel. The core has been extremely disturbed during coring. Dark olive green CLAY WITH QUARTZ SILT AND NANNOFOSSILS characterizes the sediment of this core. Bioturbation has completely homogenized the core. Iron sulfide spots are rare to moderate and are present as mottles. Sponge spicules or quartz-silt are observed in the half-core surface as discrete, small pods (few millimeters in diameter). Mica is observed throughout the core. Foraminifers are rare throughout.

Sample						Texture			Mineral																			Biogenic											Rock					
Core	Type	Section	Interval Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals (1)	Amphibole (8)	Biotite (22)	Calcite (30)	Chlorite (45)	Clay (47)	Fe Oxide (68)	Fe Sulfide (69)	Feldspar (71)	Glauconite (82)	Mica (118)	Muscovite (131)	Opaques (140)	Pyrite (169)	Pyroxene (171)	Quartz (172)	Unspecified Minerals (218)	Volcanic Glass (81)	Zeolite (222)	Algae (5)	Diatoms (58)	Echinoid Spine (64)	Fish Remains (74)	Foraminifers (78)	Nannofossils (132)	Plant Debris (161)	Pollen (162)	Radiolarians (173)	Silicoflagellates (189)	Sponge Spicules (199)	Bioclasts (21)	Fecal Pellet (70)	Igneous Rock Fragments (94)	Shell Debris (183)	Volcanic Fragments (220)	Comments
184-1144A-																																												
1	H	1	5	0.05	D	0	30	70						66					2					20		5			1			2				1	1	2						Quartzy silty shale
1	H	1	46	0.46	M	0	15	85				1		62							2	2		7					2			1	2			1	1	4		15				Clay with fecal pellets
1	H	5	10	6.10	D	0	15	85				2		75							1	2		4					4			2	3			1	1	5						Clay with silt
2	H	1	100	7.90	M	0	20	80				4		59										8		1			4			4						20						Clay with spicules
2	H	7	30	16.20	D	0	20	80				7		68					3					10		1			4			1				1	1	4						Clay with silt
3	H	5	126	23.66	D	0	15	85				3		73					1		1			7		1			5			1	1				1	6						Clay with silt
3	H	6	80	24.70	D	0	15	85				5		74							2			5					5			1					1	7						Clay with silt
4	H	3	80	29.74	D	0	15	85				8		53							1			6		1			5			1	20				1	4						Clay with silt and nannofossils
5	H	2	30	37.20	D		30	70	3					58	3							2		7					15				8				1	3						Clay with Silt and Diatoms
5	H	3	82	39.22	M	0	90	10							1		2						3	3		88			2								1							Volcanic Ash
5	H	3	83	39.23	M	10	80	10							2		3						5	4		84			2															Volcanic Ash (in burrow)
5	H	4	42	40.32	M	0	70	30						50			3							15					10			2	3			2		15						Clay with Quartz Silt and Nannofossils Spicules and Diatoms
6	H	2	56	46.96	M	40	30	30						20	64									2		2			5				2					5						Fe Oxides with Clay
6	H	4	86	50.26	D	0	40	60				2		43			5							15					10			8	7				2	8						Clay with Silt and Diatoms
7	H	3	41	57.63	M	0	70	30				1		10			5							15					5				10					54						Spicules with Silt Clay and Nannofossils
7	H	4	26	58.85	D	0	35	65				2		60				1						3					8		1	3	15				1	5					1	Clay with Nannofossils
7	H	5	95	61.04	D	3	27	70				2		63			5							20					3		1	2				2		2						Clay with Quartz and Silt
8	H	2	83	66.23	D	0	40	60	8			1		40										20					5		1	3	10			2		10						Clay with Quartz
8	H	5	61	70.51	M	10	70	20	5			2				65								15					5		1		2					5						Iron Sulphide with Quartz
9	H	3	74	77.14	D	0	45	55	3			8		30										24					5		1	5	10			2		12						Clay with Quartz Nannofossils and Spicules
9	H	6	126	82.16	M	0	70	30	5			11		10		2	2	2						35					6		2	5	10					10						Silt with Clay Nannofossils and Spicules
10	H	4	55	87.95	D	0	40	60	5			3		35		2								15					5			5	18			2		10						Clay with Nannofossils and Quartz
11	H	3	53	95.93	D	0	10	90						69										10					4			1	10			2		4						Clay with Silt and Nannofossils
11	H	5	139	99.79	M	0	70	30	5			6		5		2	5							20		40						2	10					5						Volcanic Silt with Nannofossils
12	H	1	50	102.40	D	3	15	82	1		1	3		60			2			1				8				1	2			1	7			3		10						Clay with Silt-Sized Sponge Spicules
12	H	2	90	104.30	M	0	100	0														100																						Pyrite
12	H	2	128	104.68	M	0	100	0														100																						Pyrite
13	H	1	80	112.20	D	5	25	70				2		61			2			3				10					2			1	7			2		10						Clay with Silt -Sized Quartz and Spicules
13	H	3	80	115.20	D	5	20	75	1			2		61			3		1					10				1	2			1	6			2		10						Clay with Silt-Sized Quartz and Spiocules
14	H	4	51	125.42	M	40	50	10						10										5					5			3				2		75						Sponges Spicules with Clay
14	H	4	66	125.57	D	2	7	91	1			2		77						3				10				1	1			1	1			1		2						Clay with Quartz Silt
15	H	3	80	134.25	D	2	10	88	1			1		79			2		2			1		10					1			1	1			1								Clay with Quartz Silt
16	H	5	50	146.32	D	0	10	90				2		76										10					5			4						3						Clay with quartz silt
17	H	1	87	150.27	D	0	20	80				2		75					1					10					5			2	2					3						Clay with quartz silt
17	H	3	45	152.81	D	0	15	85				2		84										10					2				1					1						Clay with quartz silt
18	H	3	1	161.91	M	0	90	10											2					10		80			1			1	5					1						Volcanisc ash
18	H	3	3	161.93	M	10	85	5						2			1		1		1			5		90																		Volcanis ash

Sample						Texture			Mineral																			Biogenic											Rock					
Core	Type	Section	Interval Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals (1)	Amphibole (8)	Biotite (22)	Calcite (30)	Chlorite (45)	Clay (47)	Fe Oxide (68)	Fe Sulfide (69)	Feldspar (71)	Glauconite (82)	Mica (118)	Muscovite (131)	Opaques (140)	Pyrite (169)	Pyroxene (171)	Quartz (172)	Unspecified Minerals (218)	Volcanic Glass (81)	Zeolite (222)	Algae (5)	Diatoms (58)	Echinoid Spine (64)	Fish Remains (74)	Foraminifers (78)	Nannofossils (132)	Plant Debris (161)	Pollen (162)	Radiolarians (173)	Silicoflagellates (189)	Sponge Spicules (199)	Bioclasts (21)	Fecal Pellet (70)	Igneous Rock Fragments (94)	Shell Debris (183)	Volcanic Fragments (220)	Comments
18	H	3	5	161.95	M	30	70			3							5		6					5		69						1	10					1						Volcanic ash with sand
19	H	1	30	168.70	D	15	85							80										5					10			3						2						Clay with silt
20	H	5	55	184.45	D	0	10	90				2		83										5					6								1	3						Clay
20	H	6	40	185.73	D	5	20	75						70					5					7					8			4	3				1	2						Clay with silt
21	H	1	40	187.80	D	3	10	87				1		75					1					5					8			3	5					2						Clay with sily
21	H	2	20	189.10	D	0	5	95						82					1					3					3			4	5					2						Clay
21	H	2	83	189.73	D	7	10	83						74							1			5					5			4	8				1	2						Clay
21	H	4	80	192.70	M	63	35	2									2		5			2		40		1						30	20											Quartz sand
22	H	4	104	202.44	D	8	90	2						2					2		1					89			1			2	3											Ash layer
23	H	3	60	209.74	D	0	10	90						64			1		1		1			10					5			5	10					3						Clay with silt
25	H	6	20	233.10	D	5	10	85						60					2		3			10		2			4			8	5				1	5						Clay with quartz silt
26	X	2	88	237.28	D	2	20	78	1				1	49					4					10		1			2			3	25			1	1	2						Clay with quartz silt
26	X	5	55	241.45	D	0	10	90					1	77							1			5					2			1	10					3						Clay with silt
28	X	2	80	253.20	D	0	40	60	5			10		30										15					5			3	20			2		10						Clay with Nannofossils and Quartz Silt
28	X	4	77	256.17	M	10	70	20	1			2		15	60		2							5					3			1	8				1	2						Fe Oxide with Clay
29	X	3	102	264.52	D	3	25	72	2			2		43	3	1	3							14					2		1	5	20			2		2						Clay with Nannofossils and Quartz Silt
29	X	6	68	268.68	D	0	50	50	8			8		30		2								20					3			2	20				2	5						Clay with Nannofossils and Quartz Silt
30	X	4	81	275.41	D	5	40	55	6			10		30		2								22					5			3	15			2		5						Clay with Quartz Silt and Nannofossils
31	X	2	90	282.10	D	1	15	84	1			2		68			2			3				8					1			1	10			1		3						Clay with Nannofossils
31	X	6	60	287.80	D	5	8	87	1			2		67			3			2				8					1			1	12					3						Clay with Nannofossils
32	X	1	20	289.50	D	2	15	83				3		67			2			3				5					1			1	15					3						Clay with Nannofossils
32	X	2	130	292.10	D	15	45	40	1			3		20			3			5		1		10					2			5	10					40						Clay and Spicule Mixed Sediment
32	X	6	80	297.60	D	1	20	79	2			3		55			2			5				7					2			1	3					20						Clay with Spicules
33	X	3	80	302.80	D	15	20	65	2			2		60					4					10					3			2	4			2		10				1		Clay with Spicules and Quartz
34	X	1	30	308.90	D	5	25	70	1			2		40						2				10					3			1	20			1		20						Clay with Spicules Nannos and Silt
34	X	5	100	315.60	D	5	20	75	1			3		54			3		7					12				1	1			1	5			1		11						Clay with Quartz and Sponge Spicules
35	X	1	50	318.70	D	3	27	70	1			5		47						7				20					1			1	10			1		7						Clay with Quartz and Nannos
35	X	CC	10	327.82	D	8	30	62	2			5		44						5		3		20				1	5			1	3			1		10						Clay and Silt Sized Quartz and Siliceous Bioc
36	X	1	139	329.29	M	0	60	40				10		10		3	5		5					55								5	5					2						Quartz Silt Burrow Fill
36	X	2	20	329.60	D	5	25	70	2			3		56					3					5				1	1			1	20					5				3		Clay with Nannofossils
37	X	5	14	343.64	D	0	20	80	3			2		53			2							8								5	20			2		5						Clay with Nannofossils
37	X	6	40	345.40	D	0	15	85	4			5		45										10					2			2	25			2	3	2						Clay with Nannofossils and Quartz
38	X	2	65	349.25	D	0	30	70	3			5		45			2							13								5	20					7						Clay with Nannofossils and Quartz Silt
38	X	4	88	352.48	M	5	85	10	5			2		5								2		8		75						1	2											Volcanic Glass
39	X	4	34	361.54	D	0	30	70				8		47			3		2					15					2			4	15			1		3						Clay with Nannofossils and Quartz Silt
39	X	5	65	363.35	M	10	70	20						18			3		1			37		15					2	3	1	3	12					5						Pyrite with Silt Clay and Nannofossils

Sample						Texture			Mineral																				Biogenic												Rock						
Core	Type	Section	Interval Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals (1)	Amphibole (8)	Biotite (22)	Calcite (30)	Chlorite (45)	Clay (47)	Fe Oxide (68)	Fe Sulfide (69)	Feldspar (71)	Glauconite (82)	Mica (118)	Muscovite (131)	Opaques (140)	Pyrite (169)	Pyroxene (171)	Quartz (172)	Unspecified Minerals (218)	Volcanic Glass (81)	Zeolite (222)	Algae (5)	Diatoms (58)	Echinoid Spine (64)	Fish Remains (74)	Foraminifers (78)	Nannofossils (132)	Plant Debris (161)	Pollen (162)	Radiolarians (173)	Silicoflagellates (189)	Sponge Spicules (199)	Bioclasts (21)	Fecal Pellet (70)	Igneous Rock Fragments (94)	Shell Debris (183)	Volcanic Fragments (220)	Comments
40	X	2	80	368.70	D	0	40	60				5		38			3		2					12						1	1	14	20			2		2						Clay with Silt and Nannofossils
40	X	6	22	374.12	M	0	90	10				2		3			15		3			3		67														2			5			Quartzose Silt
41	X	1	73	376.73	M	0	20	80	2					65										15					1			2	15											Clay with quartz silt and nannofossils
43	X	2	40	397.10	D	0	15	85						72							1		0	10								2	15											Clay with quartz silt and nannofossils
45	X	1	20	414.60	D	0	10	90	2					68										10									20											Clay with quartz silt and nannofossils
46	X	3	85	427.85	M	0	10	90	2					61					2					8		2							25											Clay with silt and nannofossils
46	X	3	100	428.00	D	0	10	90	2					64					2					5		0						2	25											Clay with silt and nannofossils
46	X	5	90	430.90	D	0	10	90	1					60					2					10								1	26											Clay with quartz silt and nannofossils
47	X	3	147	438.07	M	15	20	65	2					47					3					8								30	10											Foraminifer silty clay
47	X	4	6	438.16	M	41	20	39						40					2					5		3						40	10											Foraminifer silty sand
47	X	6	12	441.22	M	20	30	50	2					37										5		1						15	40											Nannofossil clay
48	X	5	3	449.26	M	50	40	10						10								35		5		50																		Volcanic ash with pyrite
184-1144B-																																													
2	H	1	1	0.11	D	2	15	83	1			1		48						3				2					4			1	30			3		7						Clay with Nannos
2	H	5	50	6.60	D	5	20	75				1		58			2			5				10					4			1	8			1		8	2					Clay with Quartz Silt
3	H	2	80	11.90	D	5	30	65				1		63			3							10					6			2	5			1		8	1					Clay with Quartz Silt
4	H	3	77	22.87	D	0	15	85				2		64			2					3		8					6		1	3	8			1	2							clay with Silt
5	H	2	80	30.90	D	3	20	77	2			2		60						7				10					3			1	5			1		7	2					Clay with Silty Quartz
6	H	3	66	41.76	D	2	20	78	1			1		51			5			8		1		20					3			1	2			2		5						Clay with Silt Sized Quartz
7	H	3	70	51.30	D	1	30	69	2			2		48			5			8				20				1	3			1	3			2		5						Sily Clay
7	H	3	108	51.68	D	2	20	78	1			1		52			3			5				10				1	3			1	10			3		8	2					Clay with Quartz Silt and nannofossils
8	H	2	50	59.10	D	2	20	78	1			1		53			2			8				8					5			1	5			2		10	4					Clay with Siliceous Bioclasts
9	H	2	50	67.31	D	2	30	68	1			1		55			5			5		2		15					3				2			1		5	5					Clay with Silt
9	H	6	60	73.41	D	3	30	67				3		53			5			3		2		20					5			1	2			1		5						Clay with Quartz Silt
10	H	4	56	81.16	D	2	28	70	1			2		59			3			4		3		15					5			1	1			1		5						Clay with Silt
11	H	3	5	88.65	D	2	20	78				2		58			1							5					1	1		2	25				2	3						Nannofossil Clay
11	H	4	145	91.55	M	0	10	90	3			1		45			1					3		3					8			5	21				2	8						Clay with Nannofossils
12	H	7	30	104.40	D	5	10	85	2			1		51						1				10		1			3			2	25			1		3						Clay with silt
13	H	3	33	107.93	M	30	40	30	2					9							70			3		1			3			2	8					2						Opaques
13	H	3	118	108.78	M	5	80	15	1					10										5					5			1	3					75						Sponge spicules
14	H	1	12	114.22	D	3	10	87	2					51					1					10		1			8			5	15				2	5						
15	H	4	15	128.25	D	5	15	80	2			5		40					2		2			20		1			4			5	15			1		3						Clay with quartz silt and nannofossils
16	H	3	100	137.10	D	3	10	87	1			8		61					2		1			8		1			3			1	10				1	3						Clay with nannofossils
17	H	2	70	143.90	D	1	15	84	1			5		60					1		2			8					2			3	15					3						Clay with nannofossils
17	H	6	57	149.77	M	2	10	88	1			3		50							10			7		2			5			8	10				1	3						Opaques
18	H	7	94.5	161.24	M	10	90		2			2					2		2					4		88																		Volcanic ash
18	H	7	97	161.26	M	3	92	5	2			5		5					5					10		73																		Volcanic ash with silt
19	H	3	20	164.80	D	5	10	85	1			2		48					2		2			8					2			1	30			1		3						Clay with nannofossils
19	H	4	47	166.57	M	0	10	90	2			5		25							10			5								3	10					40						Sponge spicules (in clay with silt)

Sample						Texture			Mineral																			Biogenic											Rock					
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20	H	6	47	178.99	D	0	10	90	1			3		63					2					8					2			2	15				1	3						Clay with nannofossils
22	H	5	87	196.88	D	2	10	88	2			5		57					2					7		1			2			8	8			1	2	5						Clay with silt
22	H	6	37	197.88	M	3	15	82	2			4		53					2					15					3			2	8			1		10						Quartz and spicules (in clay with silt)
23	X	2	36	201.46	D	5	20	75				1		38						5				15					3			3	20					15						Clay with Silt Spicules and Nannos
24	X	3	76	212.96	D	0	25	75	1			1		53					5					10					2			1	20			1		5	1					Clay with Nannos and Quartz Silt
25	X	2	90	221.20	D	1	17	82				3		31						5				10					2			2	40			4		3						Nannofossil Clay Mixed Sediment with Qtz Silt
25	X	3	7	221.87	M	0	80	20	2								2		4			3		5		80						2	2											Volcanic Ash
25	X	4	80	224.10	D	1	30	69	1			2		38						3		2		10				1	3			1	30			1		8						Clay Nannofossil Mixed Sediment with Qtz Silt
26	X	3	50	232.00	D	10	30	60	2			4		49						5		1		15					3			1	9			1		10						Clay with Quartz and Spicule Silt
27	X	3	80	237.90	D	8	29	63	1			2		48						7		1		15					3			1	15			1		6						Clay with Quartz and Nannos
28	X	1	93	244.73	M	5	75	20	3					10			3							22					3			2	7					50						Spicules with Quartz and Clay
28	X	3	73	247.53	D	0	15	85				2		40		1								10					4			5	25			2	1	10						Nannofossil Clay with Quartz Silt and Spicule
29	X	4	72	258.72	D	0	25	75	5			3		35		2	2							17								3	25			2	1	5						Nannofossils clay with quartz silt
30	X	2	12	264.82	M	10	60	30	5					30			10							10		40			1			1				1		2						Clayey Volcanic Ash
30	X	2	16	264.86	M	50	50		10								20							20		50																		Volcanic Ash
30	X	4	100	268.70	D	0	11	89						65			1		2			2		5					1			1	20			1		2						Clay with Nannofossils
30	X	6	140	272.10	M	0	85	15	5					10			3							10		64			2			1	5											Volcanic Ash
31	X	2	90	275.20	D	3	32	65	1			4		55						3		1		10					5			1	10					10						Clay with Quartz nannos and Spicules
32	X	3	67	286.17	D	1	28	71	1			3		41						3		1		15				1	1			2	29					3						Nannofossil Clay with Quartz
33	X	2	20	293.90	D	5	30	65	2			1		35						5		2		8				1	5			5	20			1		15						Clay with Nannos and Spicules
34	X	4	87	307.27	D	2	33	65	1			3		51						5		1		8				1	4			1	15					10						Clay with Nannos and Spicules
35	X	3	80	315.30	D	0	25	75	1			3		57						2				6					1			1	18			1		10						Clay with Nannos and Spicules
35	X	6	11	319.11	M	0	75	25	5					22			15					1		46									8								3			Quartz Silt with Clay
36	X	2	40	321.75	D	0	40	60	2			5		38			3							15					4			2	20			2	1	8						Clay with Silt & Nannos
36	X	5	74	326.59	M	5	88	7	3					5			16		2					60					3	1		3	5					2						Quartz Silt
37	X	5	80	337.50	D	2	20	78	2			5		58			1				3			10					2			1	15					3						Clay with silt and nannofossils
38	X	3	77	344.07	D	3	10	87	2			5		63					1					10		1			3				15											Clay with silt and nannofossils
38	X	5	60	346.90	M	2	70	28	2			5		7										15					1			2	8					60						Spicule with quartz ooze
39	X	1	136	351.36	M	10	40	50				5		35										10		40						2	8											Volcanic ash
39	X	2	50	352.00	D		10	90	2			5		65							1			10					1			1	15											Clay with silt and nannofossils
40	X	3	130	364.00	M	20	40	40	2			4		28							2			20		1			5			20	10			1	1	6						Forams and quartz
42	X	2	50	380.90	D		15	85	2			6		73					1					7		2			1				8											Clay with silt
44	X	4	35	402.95	M		90	10			1	15					1				50			3								30												Foraminifer Pyrite
44	X	6	144	407.04	M	5	50	45	1			5		30							1			7		2						4	10					40						Spicules
47	X	2	80	429.20	D		21	79						60										10		4						5	20			1								Clay with nannofossils and quzrtz silt
49	X	2	30	447.90	D	1	13	86	1			1		71	1					2				3				1	1			2	15					2						Clay with Nannos

Sample						Texture			Mineral																			Biogenic											Rock					
Core	Type	Section	Interval Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals (1)	Amphibole (8)	Biotite (22)	Calcite (30)	Chlorite (45)	Clay (47)	Fe Oxide (68)	Fe Sulfide (69)	Feldspar (71)	Glauconite (82)	Mica (118)	Muscovite (131)	Opaques (140)	Pyrite (169)	Pyroxene (171)	Quartz (172)	Unspecified Minerals (218)	Volcanic Glass (81)	Zeolite (222)	Algae (5)	Diatoms (58)	Echinoid Spine (64)	Fish Remains (74)	Foraminifers (78)	Nannofossils (132)	Plant Debris (161)	Pollen (162)	Radiolarians (173)	Silicoflagellates (189)	Sponge Spicules (199)	Bioclasts (21)	Fecal Pellet (70)	Igneous Rock Fragments (94)	Shell Debris (183)	Volcanic Fragments (220)	Comments
184-1144C-																																												
1	H	1	1	0.01	D	5	21	74	1			1		59						1				8					1			3	20					6						Clay with Nannos
1	H	3	23	3.23	M	5	30	65				2		40								1		7					2			2	30			1		15						Nanno Clay with Spicules
17	H	5	97	163.17	M	10	30	60	2			8		42							4			8		2			3			3	25			1		2						