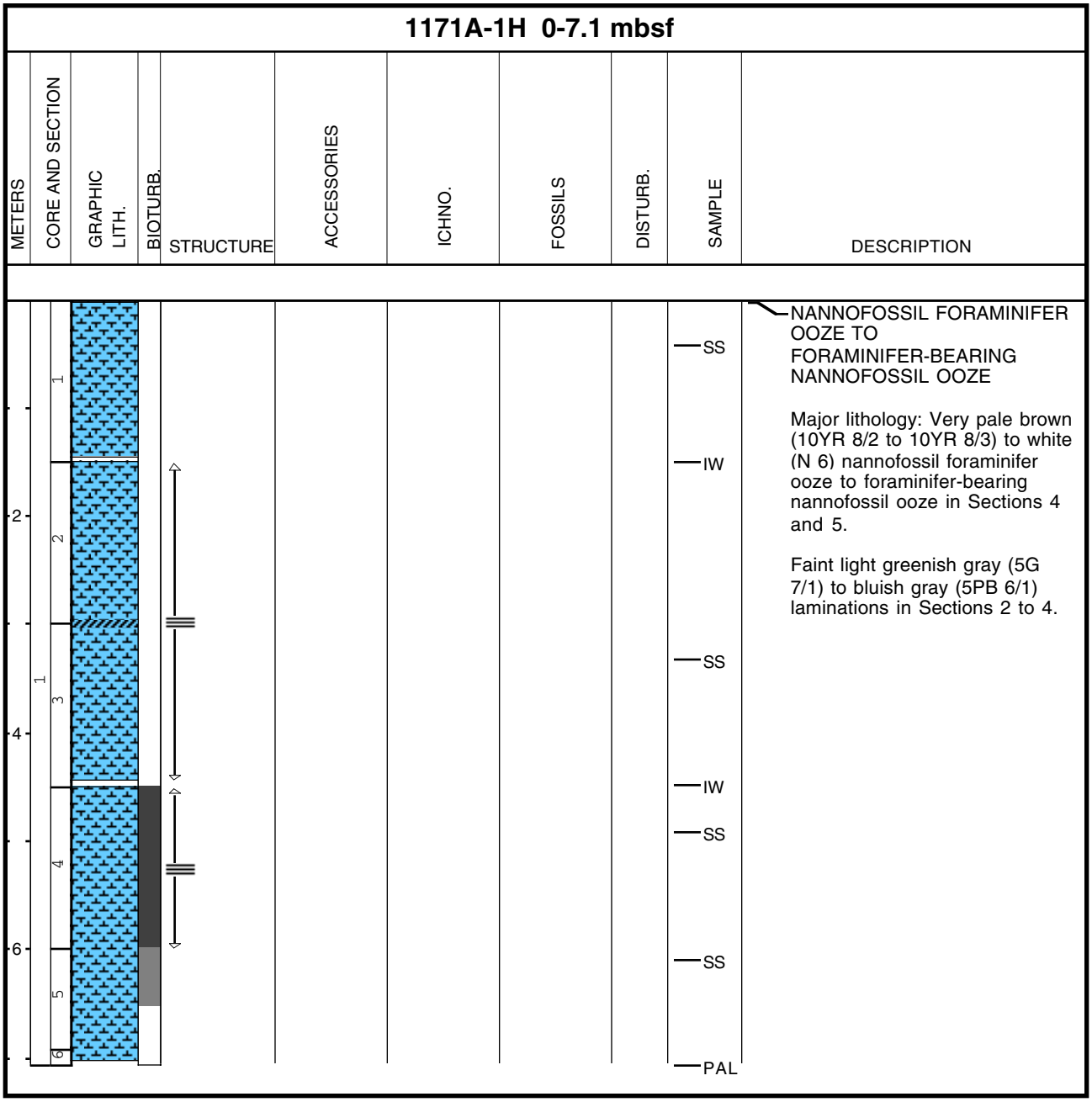
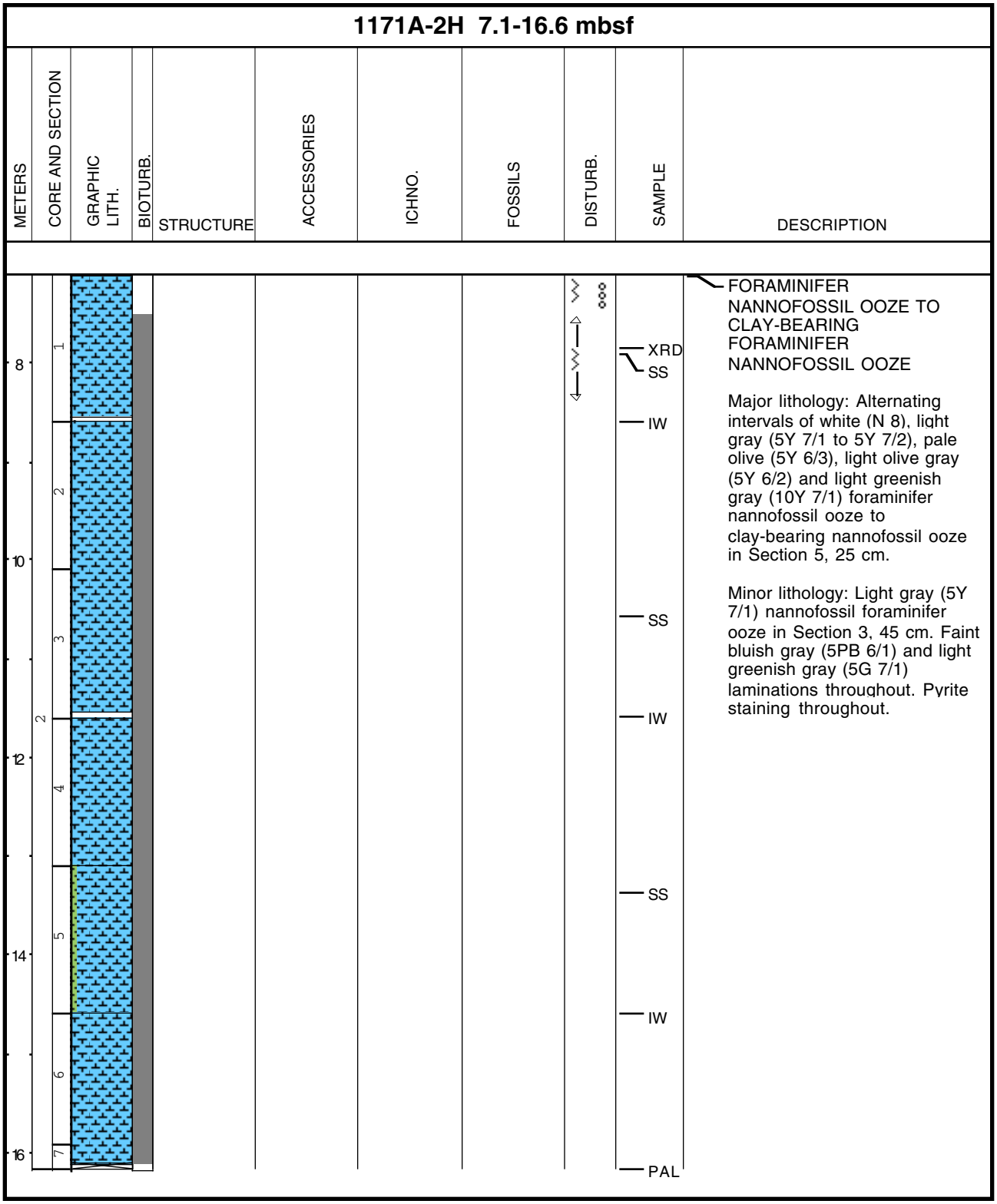
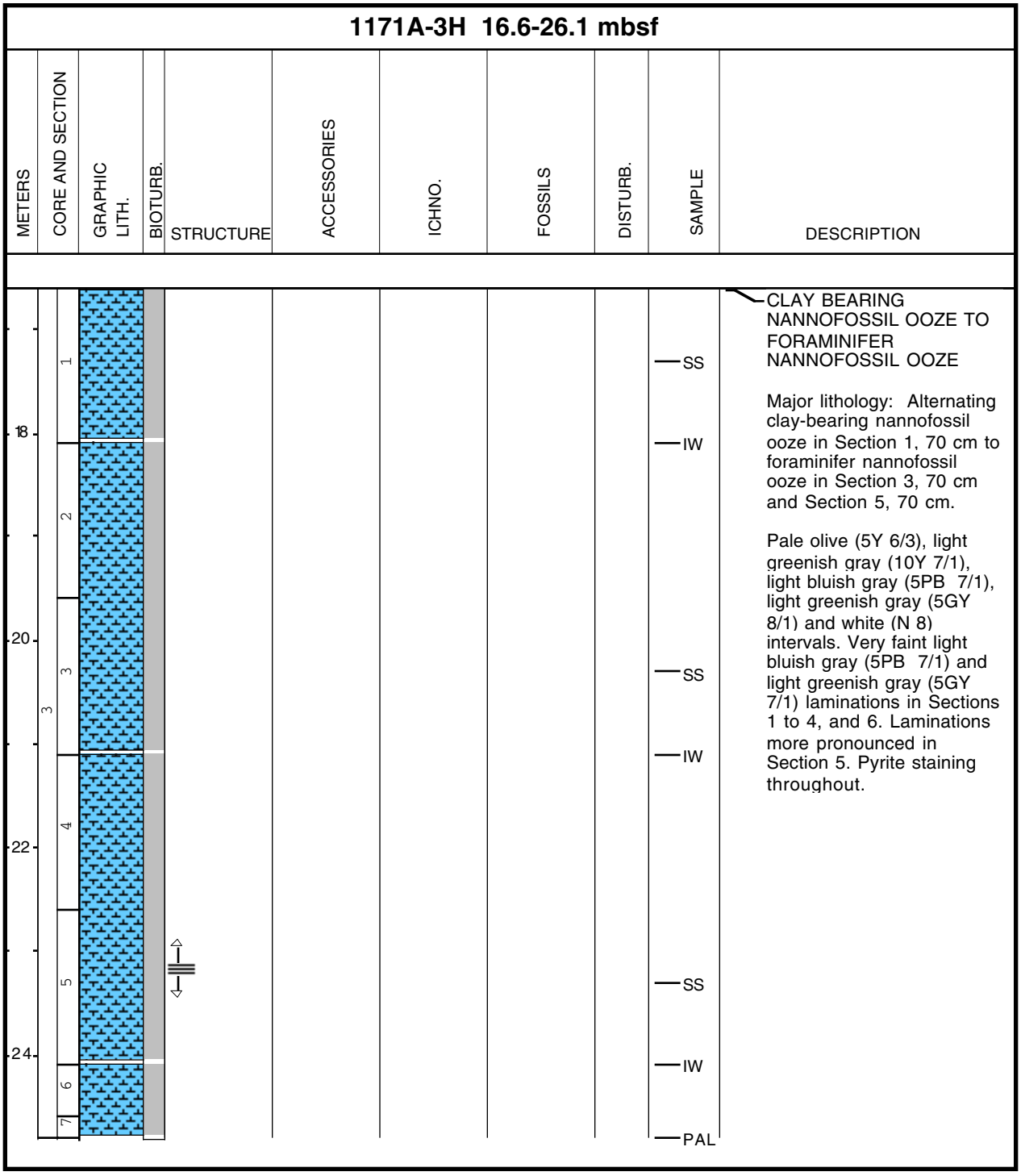
Core Photo


1171A-1H 0-7.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
2
4
6
SS
IW
SS
IW
SS
SS
PAL
NANNOFOSSIL FORAMINIFER OOZE TO FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: Very pale brown (10YR 8/2 to 10YR 8/3) to white (N 6) nannofossil foraminifer ooze to foraminifer-bearing nannofossil ooze in Sections 4 and 5.
Faint light greenish gray (5G 7/1) to bluish gray (5PB 6/1) laminations in Sections 2 to 4.

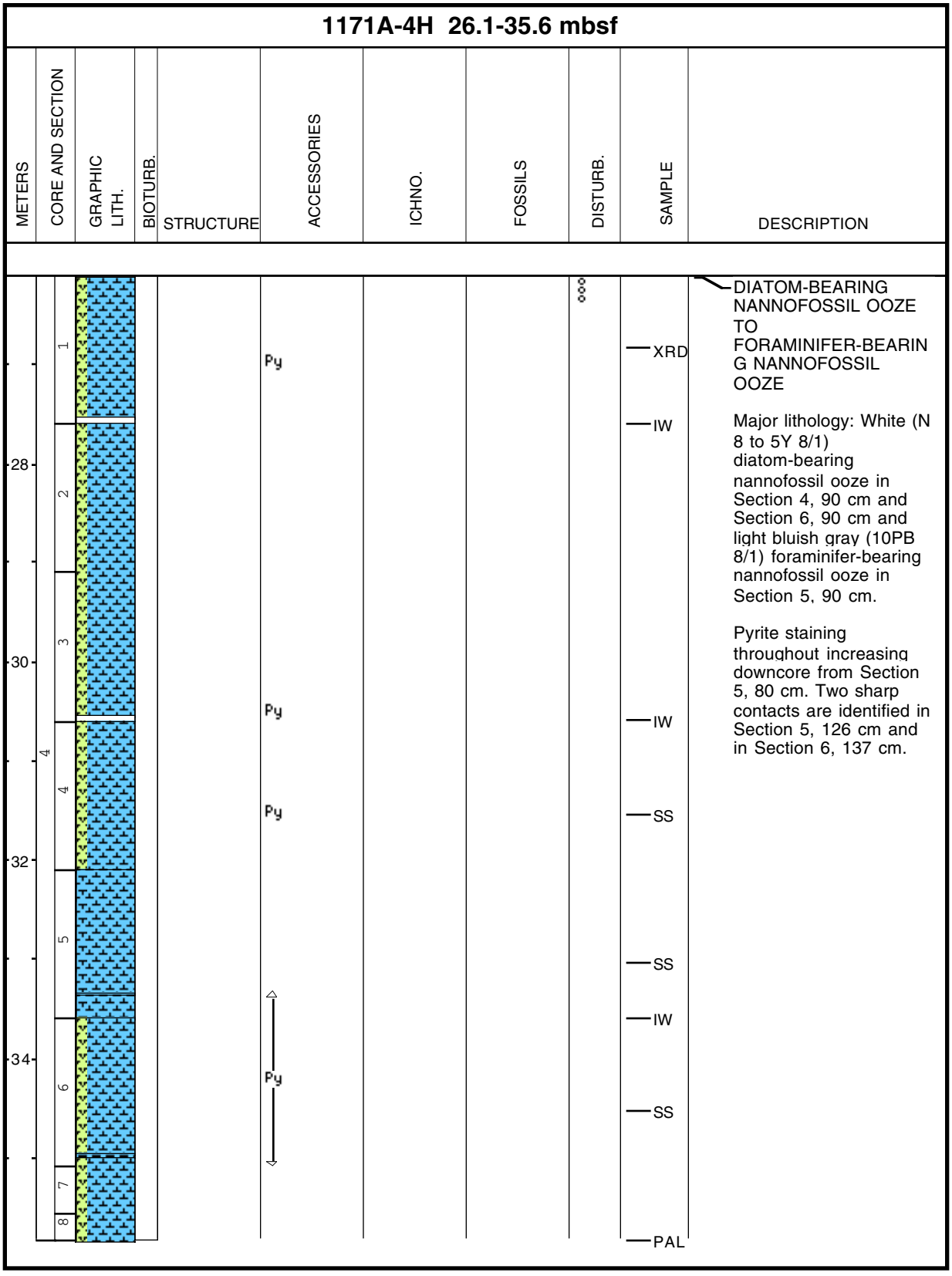
Core Photo


1171A-2H 7.1-16.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
8
10
12
14
16
1
2
3
4
5
6
7
XRD
SS
IW
SS
IW
SS
IW
PAL
FORAMINIFER NANNOFOSSIL OOZE TO CLAY-BEARING FORAMINIFER NANNOFOSSIL OOZE
Major lithology: Alternating intervals of white (N 8), light gray (5Y 7/1 to 5Y 7/2), pale olive (5Y 6/3), light olive gray (5Y 6/2) and light greenish gray (10Y 7/1) foraminifer nannofossil ooze to clay-bearing nannofossil ooze in Section 5, 25 cm.
Minor lithology: Light gray (5Y 7/1) nannofossil foraminifer ooze in Section 3, 45 cm. Faint bluish gray (5PB 6/1) and light greenish gray (5G 7/1) laminations throughout. Pyrite staining throughout.

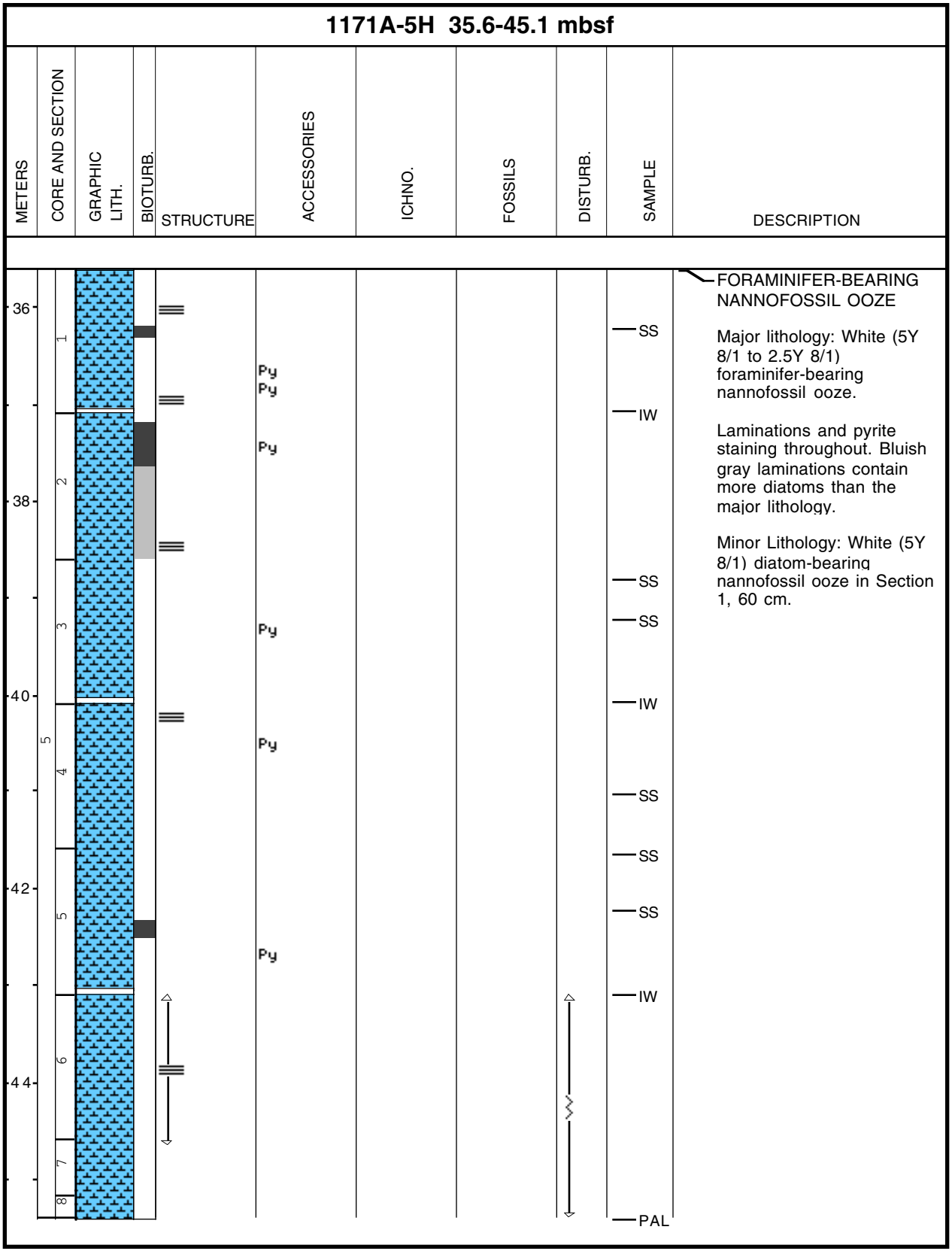
Core Photo


1171A-3H 16.6-26.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
18
20
22
24
1
2
3
4
5
6
7
SS
IW
SS
IW
SS
IW
PAL
CLAY BEARING NANNOFOSSIL OOZE TO FORAMINIFER NANNOFOSSIL OOZE
Major lithology: Alternating clay-bearing nannofossil ooze in Section 1, 70 cm to foraminifer nannofossil ooze in Section 3, 70 cm and Section 5, 70 cm.
Pale olive (5Y 6/3), light greenish gray (10Y 7/1), light bluish gray (5PB 7/1), light greenish gray (5GY 8/1) and white (N 8) intervals. Very faint light bluish gray (5PB 7/1) and light greenish gray (5GY 7/1) laminations in Sections 1 to 4, and 6. Laminations more pronounced in Section 5. Pyrite staining throughout.

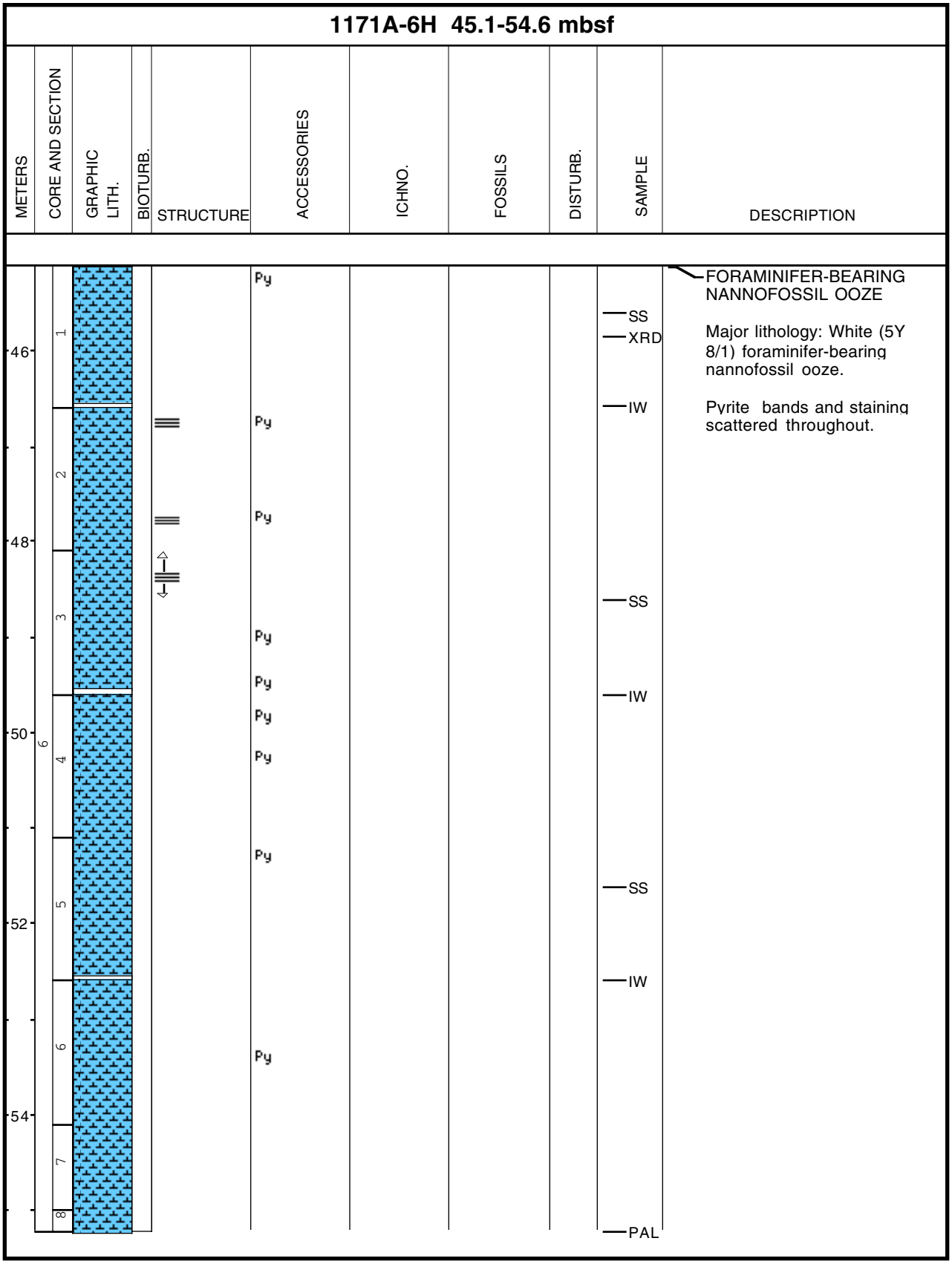
Core Photo


1171A-4H 26.1-35.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
28
30
32
34
1
2
3
4
5
6
7
8
Py
Py
Py
Py
XRD
IW
IW
SS
SS
IW
SS
PAL
DIATOM-BEARING NANNOFOSSIL OOZE TO FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8 to 5Y 8/1) diatom-bearing nannofossil ooze in Section 4, 90 cm and Section 6, 90 cm and light bluish gray (10PB 8/1) foraminifer-bearing nannofossil ooze in Section 5, 90 cm.
Pyrite staining throughout increasing downcore from Section 5, 80 cm. Two sharp contacts are identified in Section 5, 126 cm and in Section 6, 137 cm.

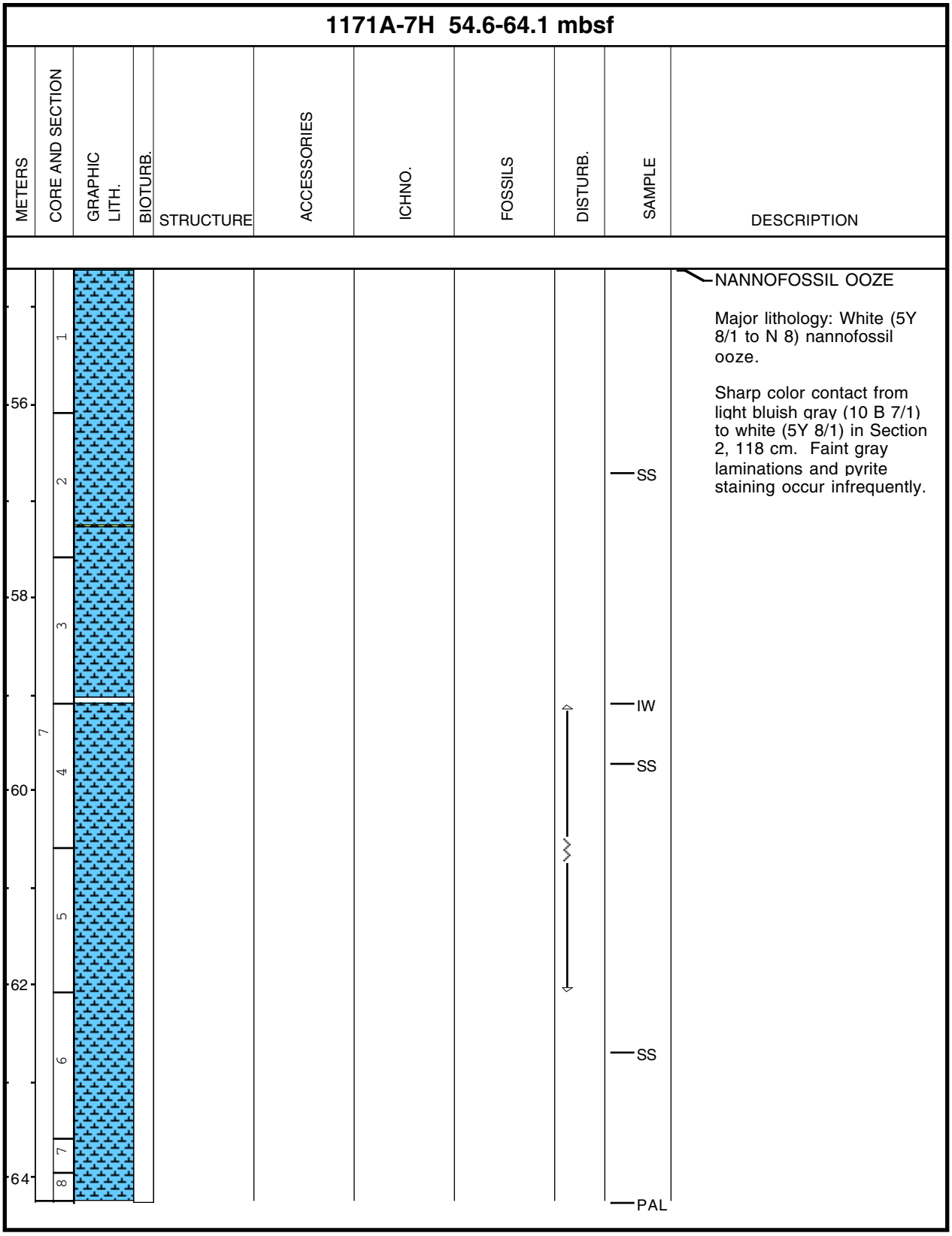
Core Photo


1171A-5H 35.6-45.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
36
38
40
42
44
1
2
3
4
5
6
7
8
Py
SS
IW
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (5Y 8/1 to 2.5Y 8/1) foraminifer-bearing nannofossil ooze.
Laminations and pyrite staining throughout. Bluish gray laminations contain more diatoms than the major lithology.
Minor Lithology: White (5Y 8/1) diatom-bearing nannofossil ooze in Section 1, 60 cm.

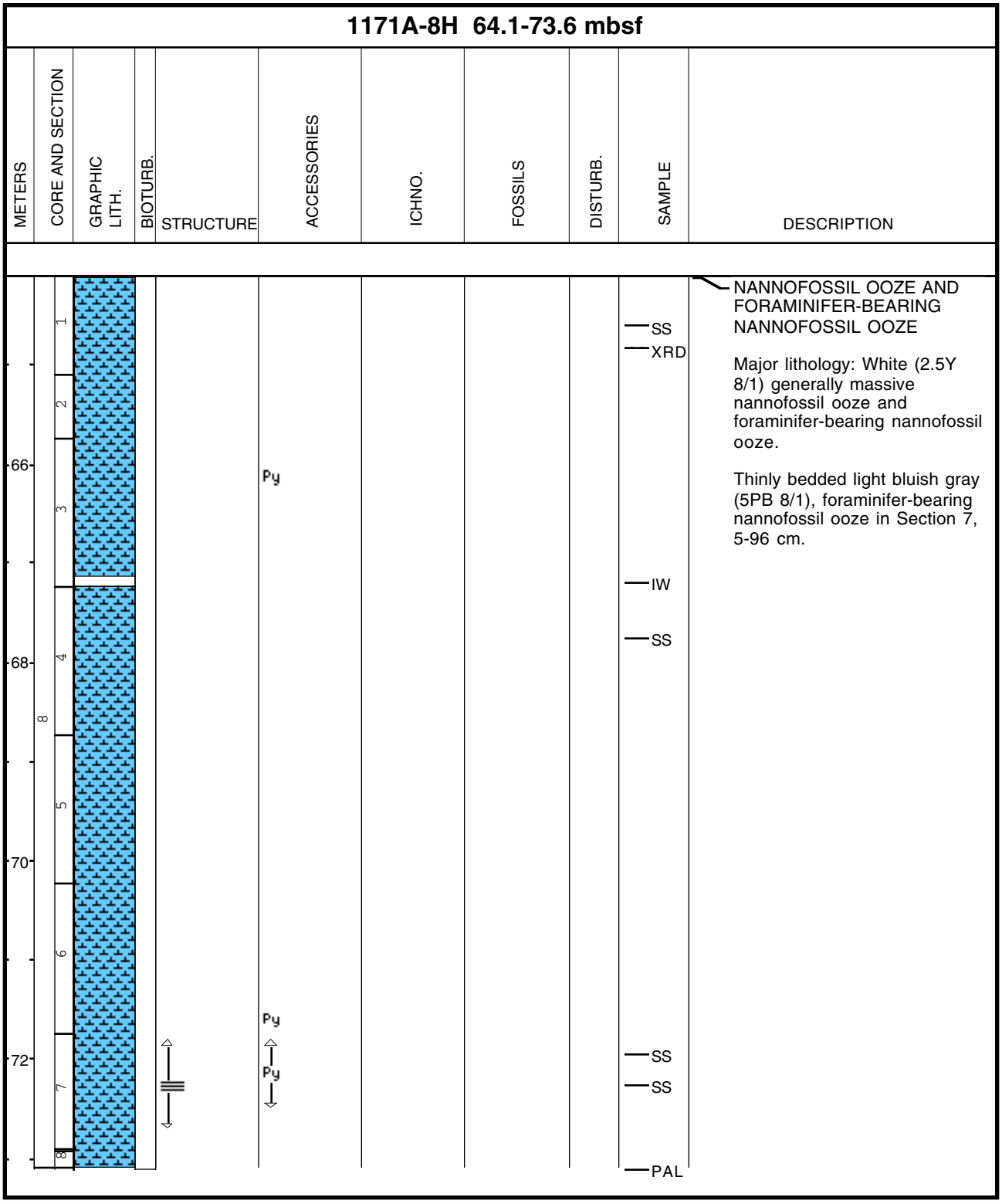
Core Photo


1171A-6H 45.1-54.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
46
48
50
52
54
1
2
3
4
5
6
7
8
Py
SS
XRD
IW
SS
IW
SS
IW
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (5Y 8/1) foraminifer-bearing nannofossil ooze.
Pyrite bands and staining scattered throughout.

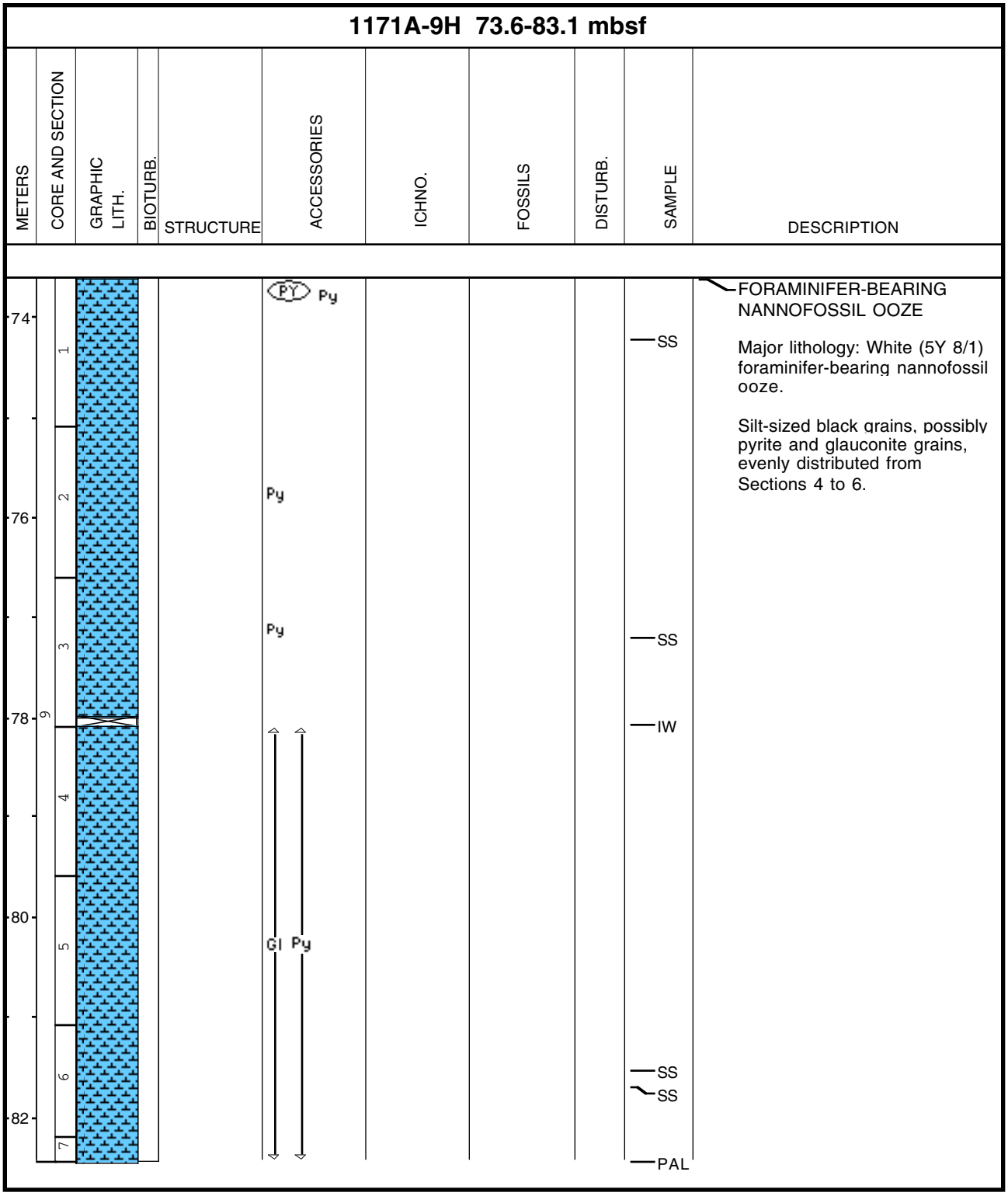
Core Photo


1171A-7H 54.6-64.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
56
58
60
62
64
1
2
3
4
5
6
7
8
SS
IW
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (5Y 8/1 to N 8) nannofossil ooze.
Sharp color contact from light bluish gray (10 B 7/1) to white (5Y 8/1) in Section 2, 118 cm. Faint gray laminations and pyrite staining occur infrequently.

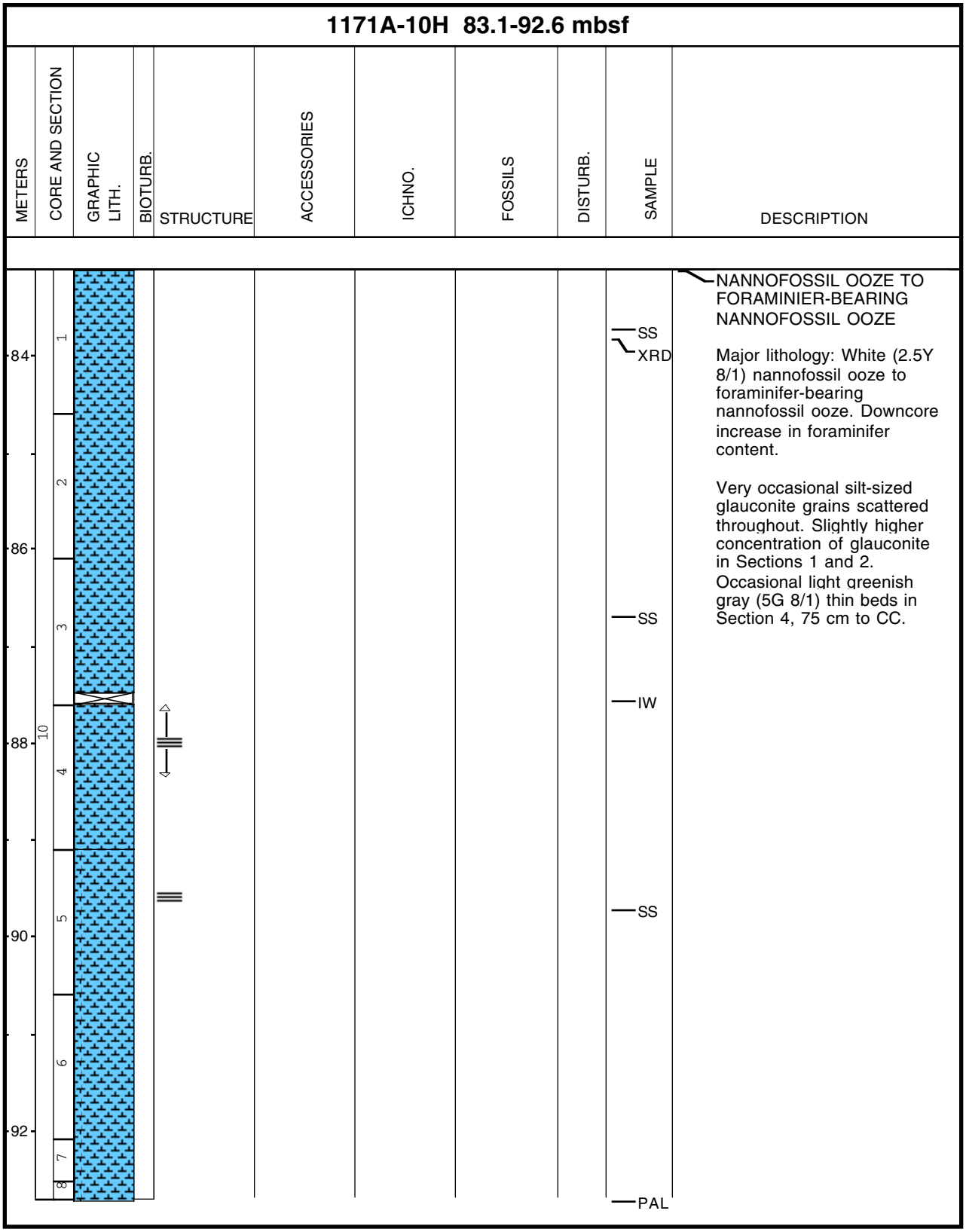
Core Photo


1171A-8H 64.1-73.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
66
68
70
72
8
1
2
3
4
5
6
7
CC
Py
Py
Py
SS
XRD
IW
SS
SS
SS
PAL
NANNOFOSSIL OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (2.5Y 8/1) generally massive nannofossil ooze and foraminifer-bearing nannofossil ooze.
Thinly bedded light bluish gray (5PB 8/1), foraminifer-bearing nannofossil ooze in Section 7, 5-96 cm.

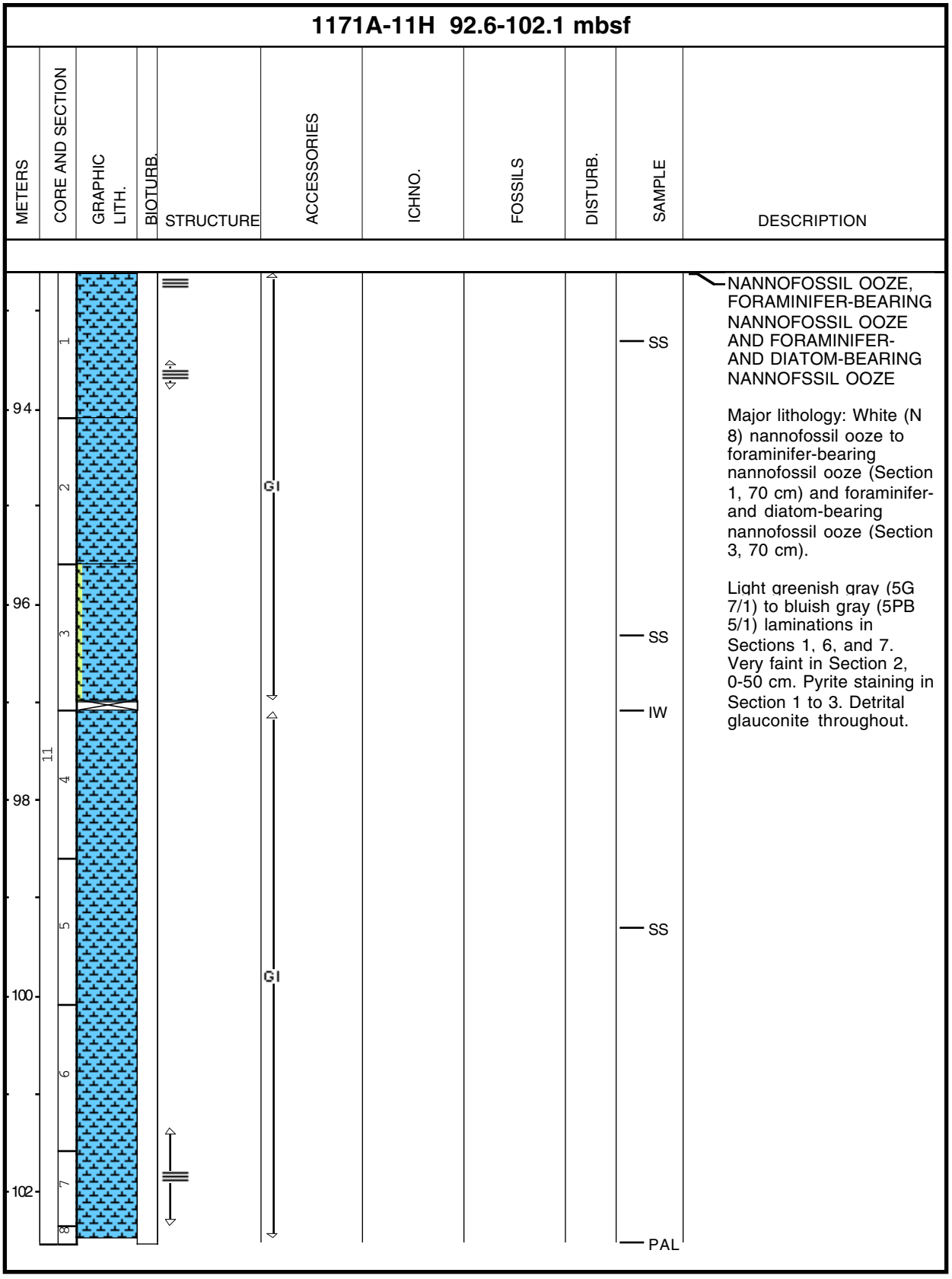
Core Photo


1171A-9H 73.6-83.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
74
76
78
80
82
9
1
2
3
4
5
6
7
PY
Py
Py
Py
Gl
Py
SS
SS
IW
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (5Y 8/1) foraminifer-bearing nannofossil ooze.
Silt-sized black grains, possibly pyrite and glauconite grains, evenly distributed from Sections 4 to 6.

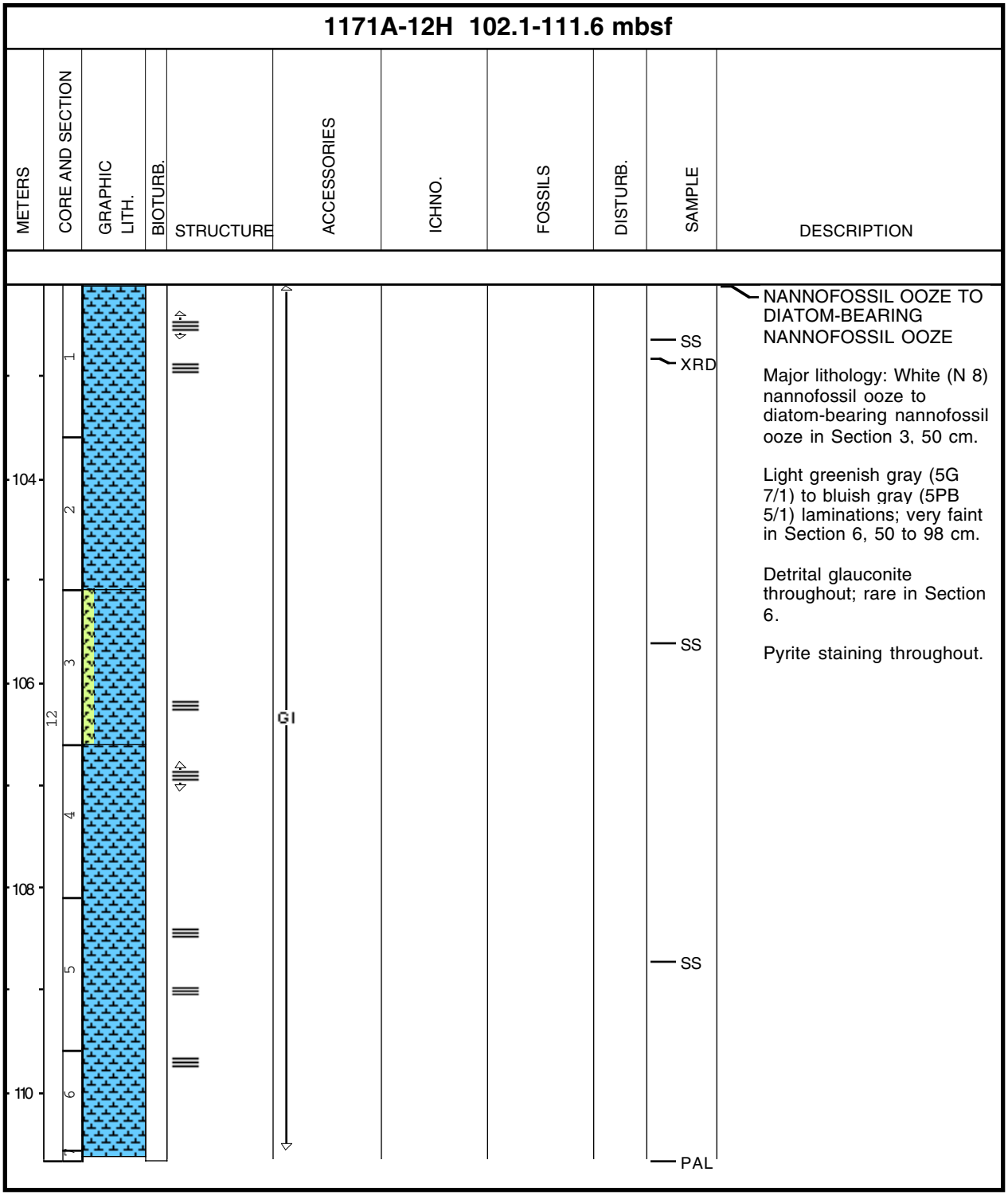
Core Photo


1171A-10H 83.1-92.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
84
86
88
90
92
1
2
3
4
5
6
7
8
10
SS
XRD
SS
IW
SS
PAL
NANNOFOSSIL OOZE TO FORAMINIER-BEARING NANNOFOSSIL OOZE
Major lithology: White (2.5Y 8/1) nannofossil ooze to foraminifer-bearing nannofossil ooze. Downcore increase in foraminifer content.
Very occasional silt-sized glauconite grains scattered throughout. Slightly higher concentration of glauconite in Sections 1 and 2.
Occasional light greenish gray (5G 8/1) thin beds in Section 4, 75 cm to CC.

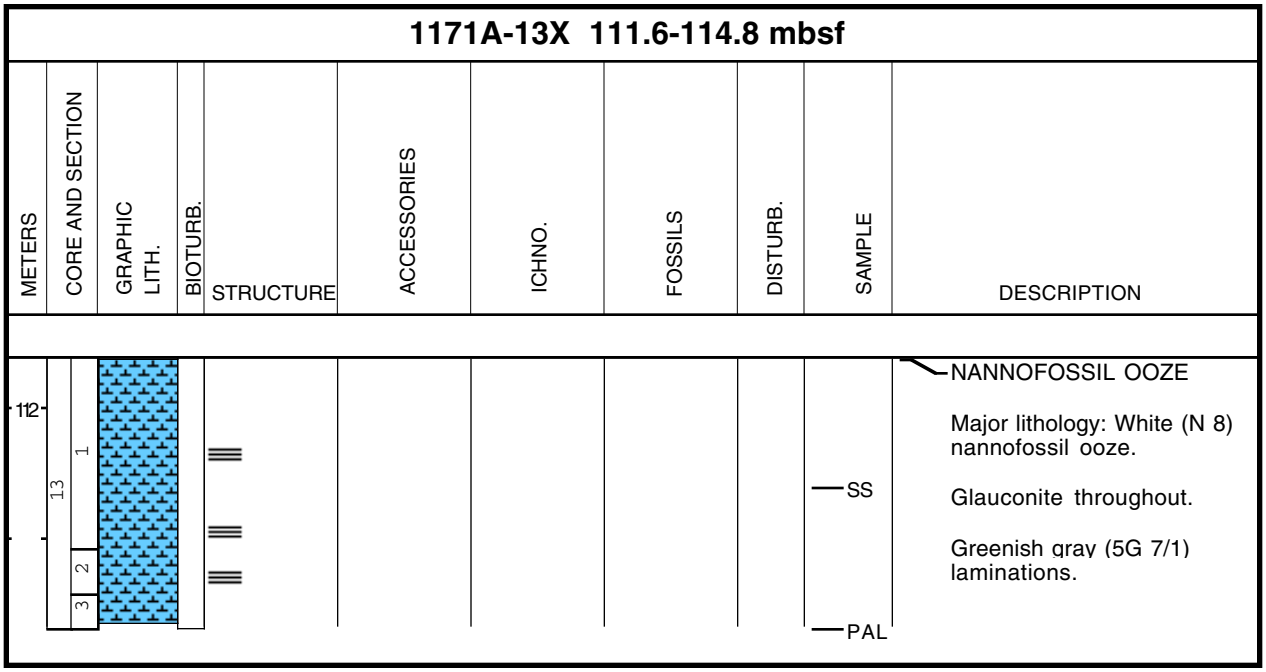
Core Photo


1171A-11H 92.6-102.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
94
96
98
100
102
11
1
2
3
4
5
6
7
8
GI
GI
SS
SS
IW
SS
PAL
NANNOFOSSIL OOZE, FORAMINIFER-BEARING NANNOFOSSIL OOZE AND FORAMINIFER- AND DIATOM-BEARING NANNOFSSIL OOZE
Major lithology: White (N 8) nannofossil ooze to foraminifer-bearing nannofossil ooze (Section 1, 70 cm) and foraminifer- and diatom-bearing nannofossil ooze (Section 3, 70 cm).
Light greenish gray (5G 7/1) to bluish gray (5PB 5/1) laminations in Sections 1, 6, and 7. Very faint in Section 2, 0-50 cm. Pyrite staining in Section 1 to 3. Detrital glauconite throughout.

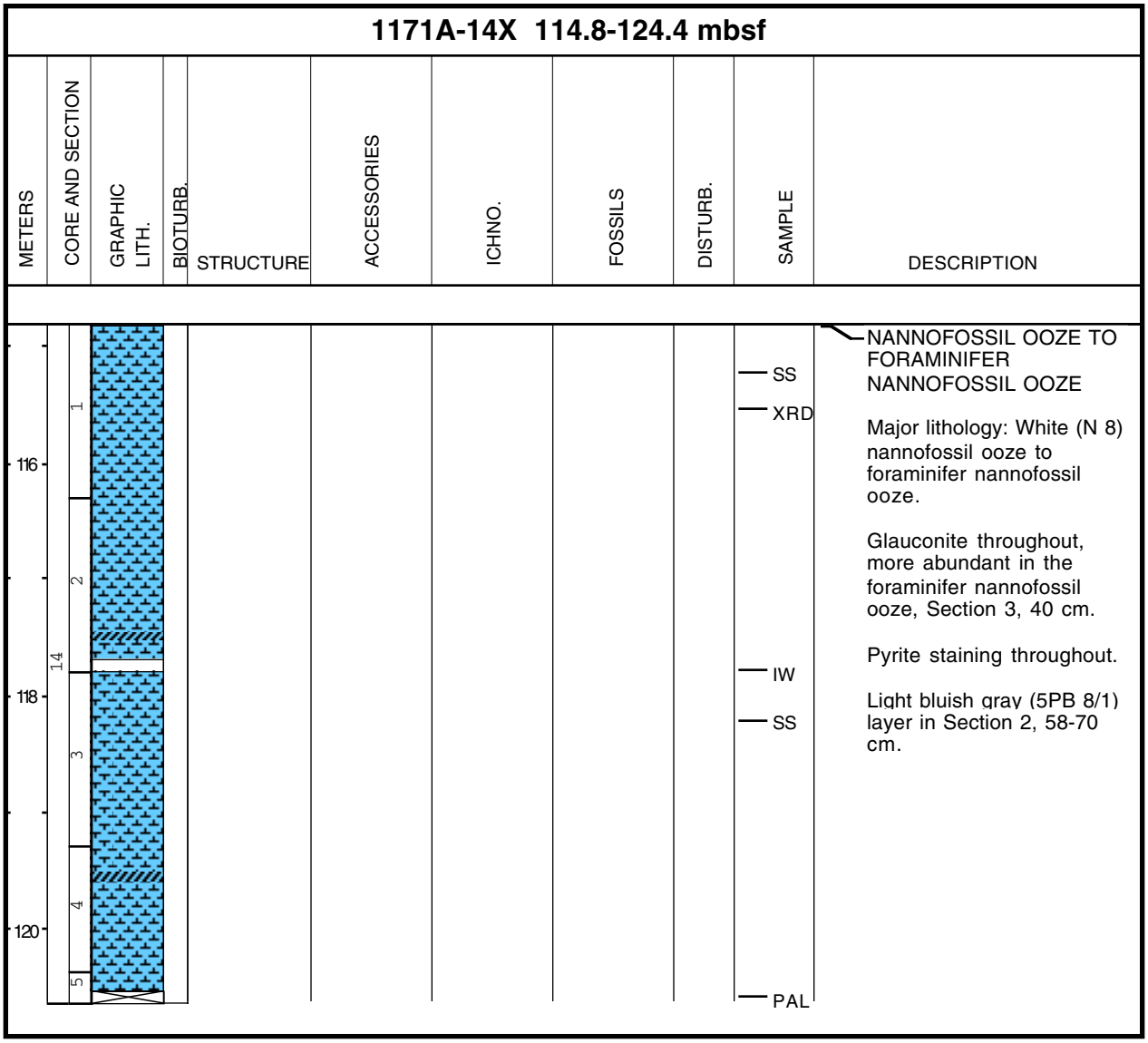
Core Photo


1171A-12H 102.1-111.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
104
106
108
110
12
1
2
3
4
5
6
7
GI
SS
XRD
SS
SS
PAL
NANNOFOSSIL OOZE TO DIATOM-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) nannofossil ooze to diatom-bearing nannofossil ooze in Section 3, 50 cm.
Light greenish gray (5G 7/1) to bluish gray (5PB 5/1) laminations; very faint in Section 6, 50 to 98 cm.
Detrital glauconite throughout; rare in Section 6.
Pyrite staining throughout.

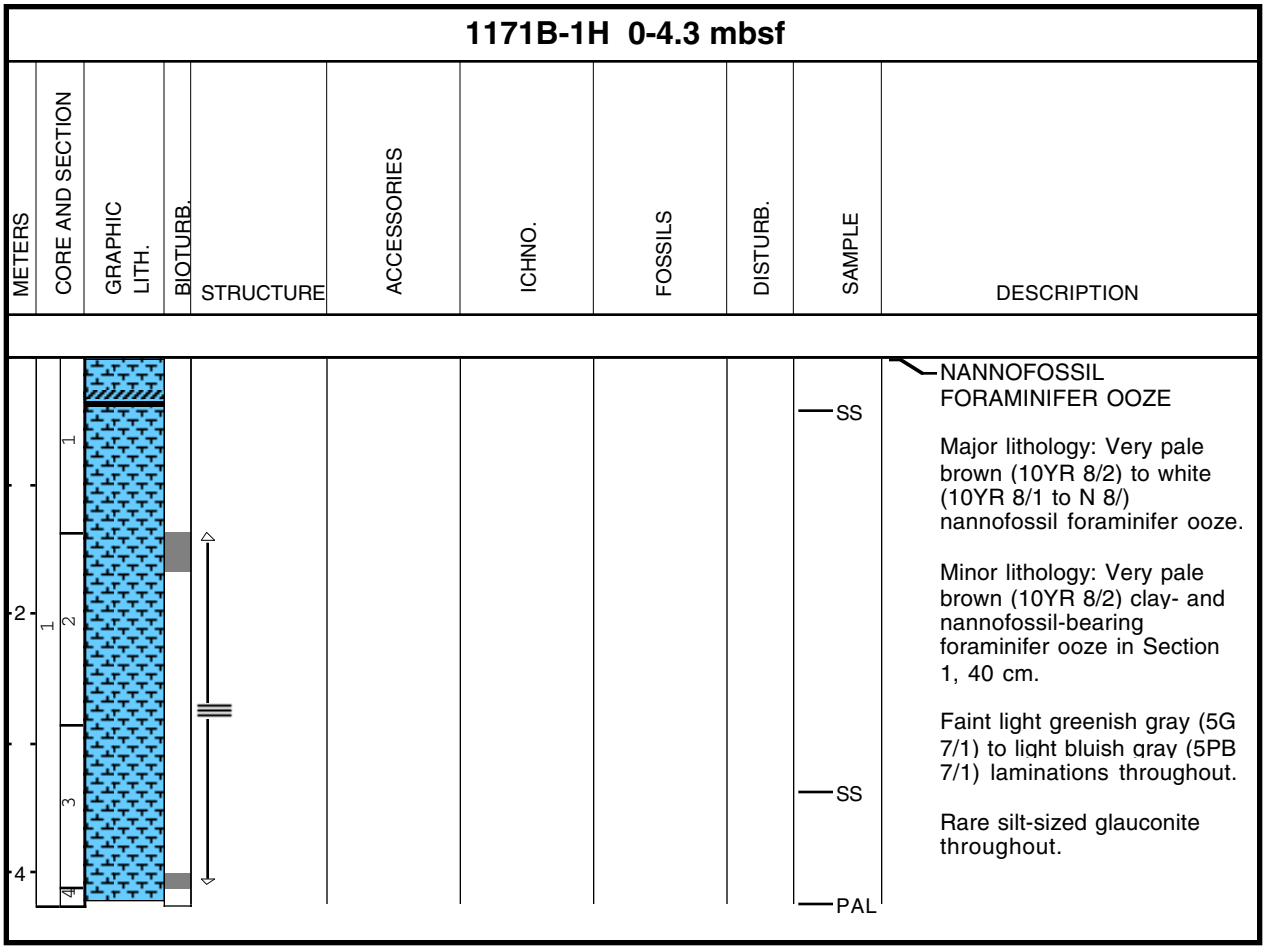
Core Photo


1171A-13X 111.6-114.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
112
13
1
2
3
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8) nannofossil ooze.
Glauconite throughout.
Greenish gray (5G 7/1) laminations.

Core Photo


1171A-14X 114.8-124.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
116
118
120
14
1
2
3
4
5
SS
XRD
IW
SS
PAL
NANNOFOSSIL OOZE TO FORAMINIFER NANNOFOSSIL OOZE
Major lithology: White (N 8) nannofossil ooze to foraminifer nannofossil ooze.
Glauconite throughout, more abundant in the foraminifer nannofossil ooze, Section 3, 40 cm.
Pyrite staining throughout.
Light bluish gray (5PB 8/1) layer in Section 2, 58-70 cm.

Core Photo


1171B-1H 0-4.3 mbsf
METERS
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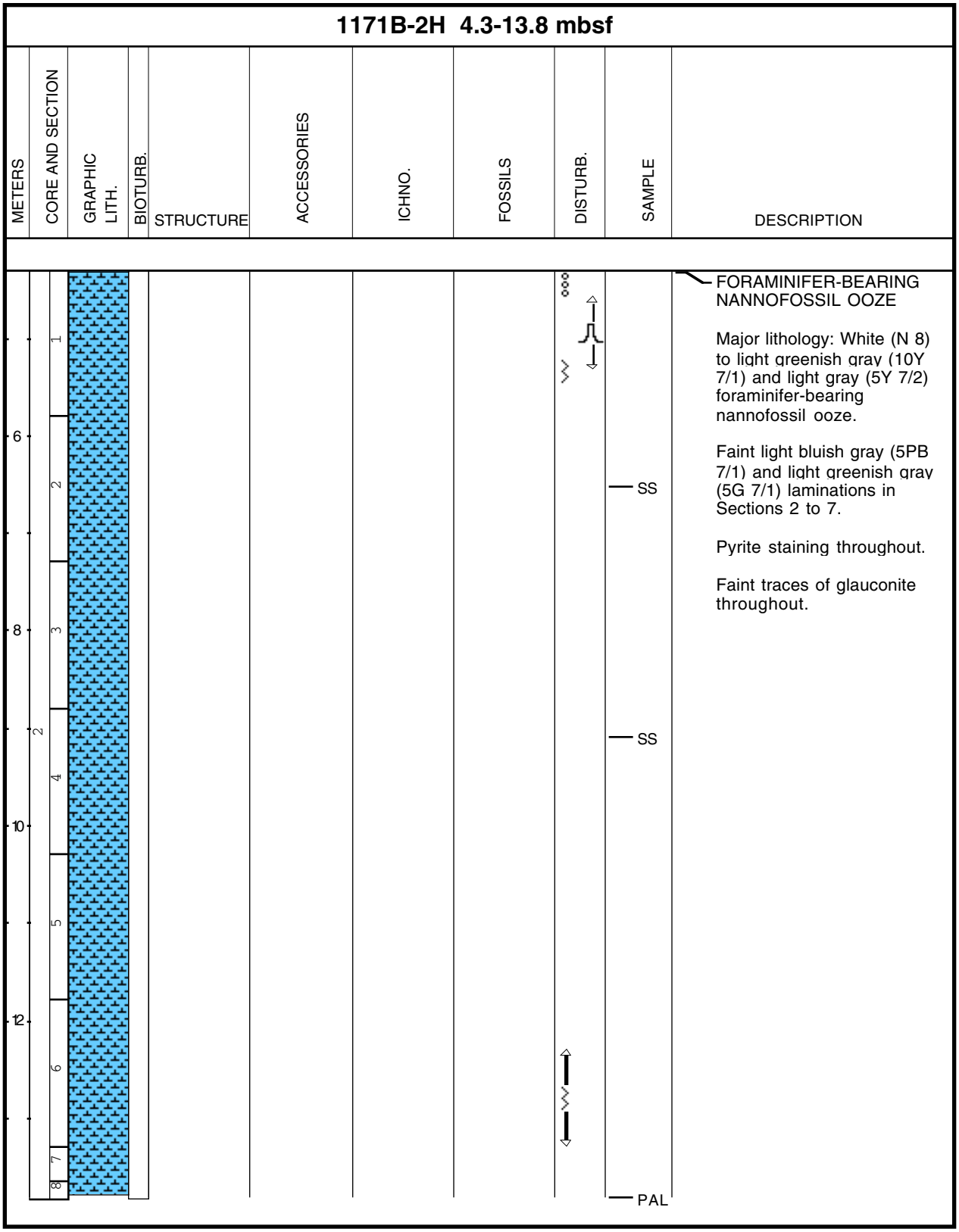
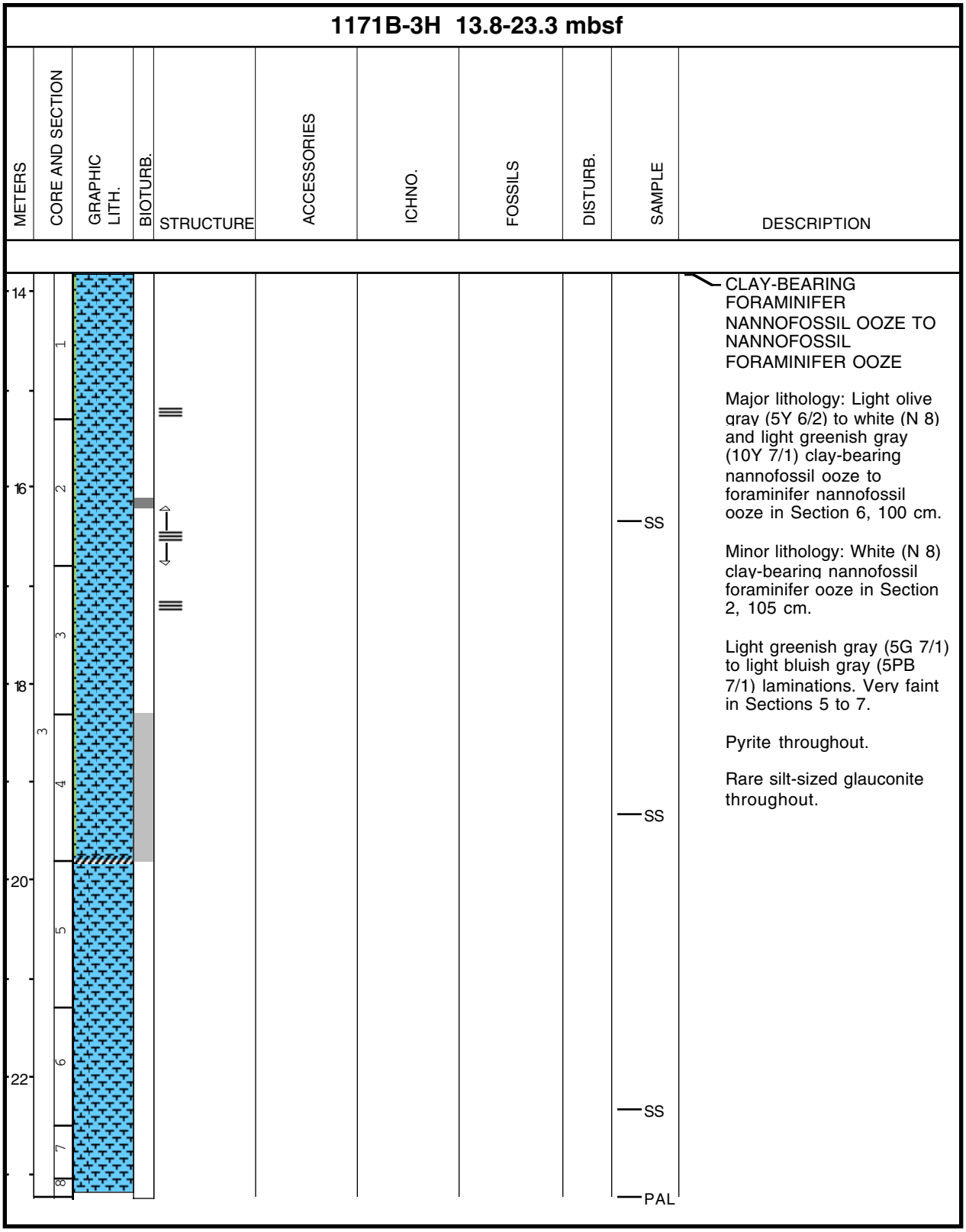
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
2
4
1
2
3
4
SS
SS
PAL
NANNOFOSSIL FORAMINIFER OOZE
Major lithology: Very pale brown (10YR 8/2) to white (10YR 8/1 to N 8/) nannofossil foraminifer ooze.
Minor lithology: Very pale brown (10YR 8/2) clay- and nannofossil-bearing foraminifer ooze in Section 1, 40 cm.
Faint light greenish gray (5G 7/1) to light bluish gray (5PB 7/1) laminations throughout.
Rare silt-sized glauconite throughout.

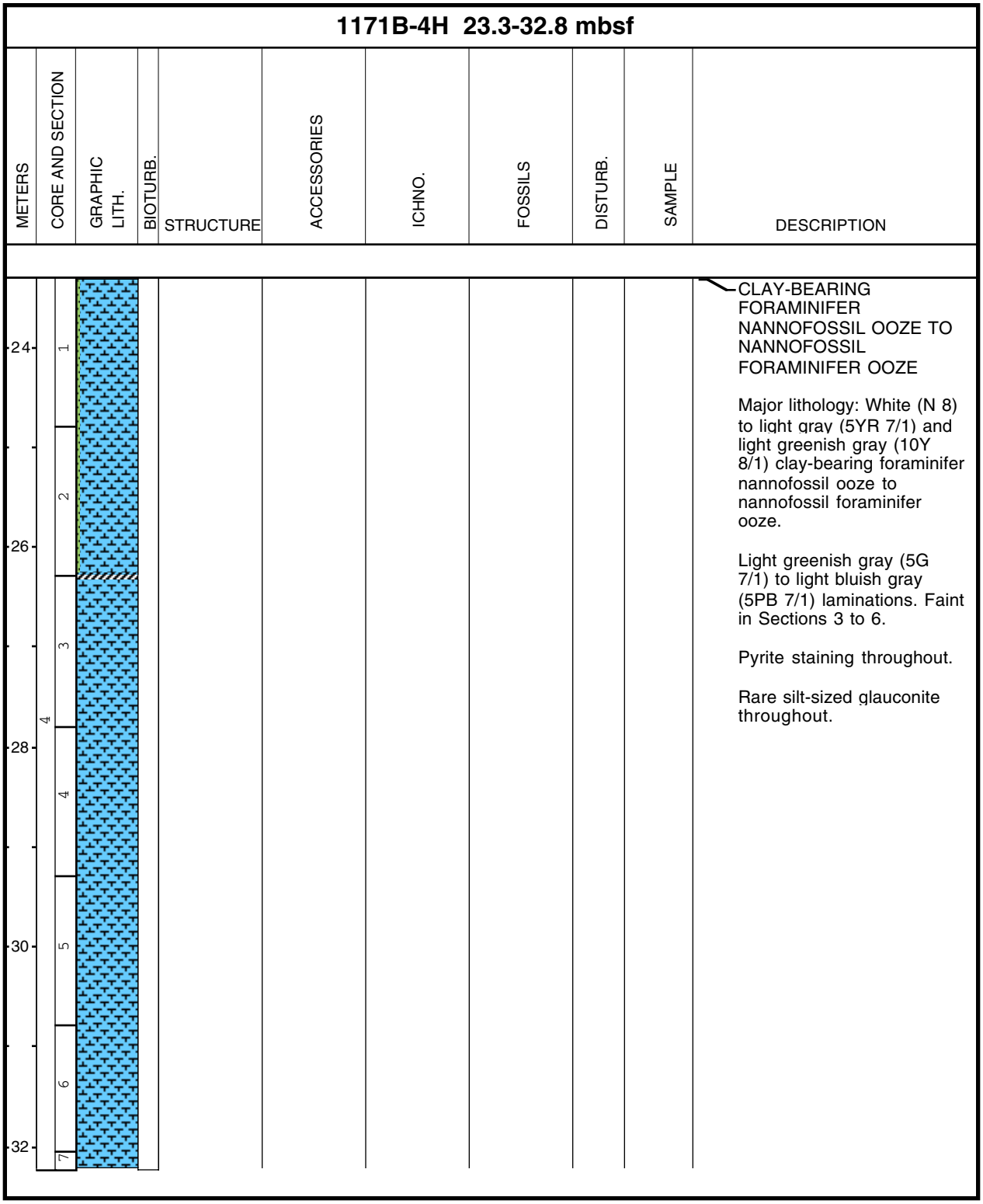
Core Photo


1171B-2H 4.3-13.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
6
8
10
12
1
2
3
4
5
6
7
8
2
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) to light greenish gray (10Y 7/1) and light gray (5Y 7/2) foraminifer-bearing nannofossil ooze.
Faint light bluish gray (5PB 7/1) and light greenish gray (5G 7/1) laminations in Sections 2 to 7.
Pyrite staining throughout.
Faint traces of glauconite throughout.

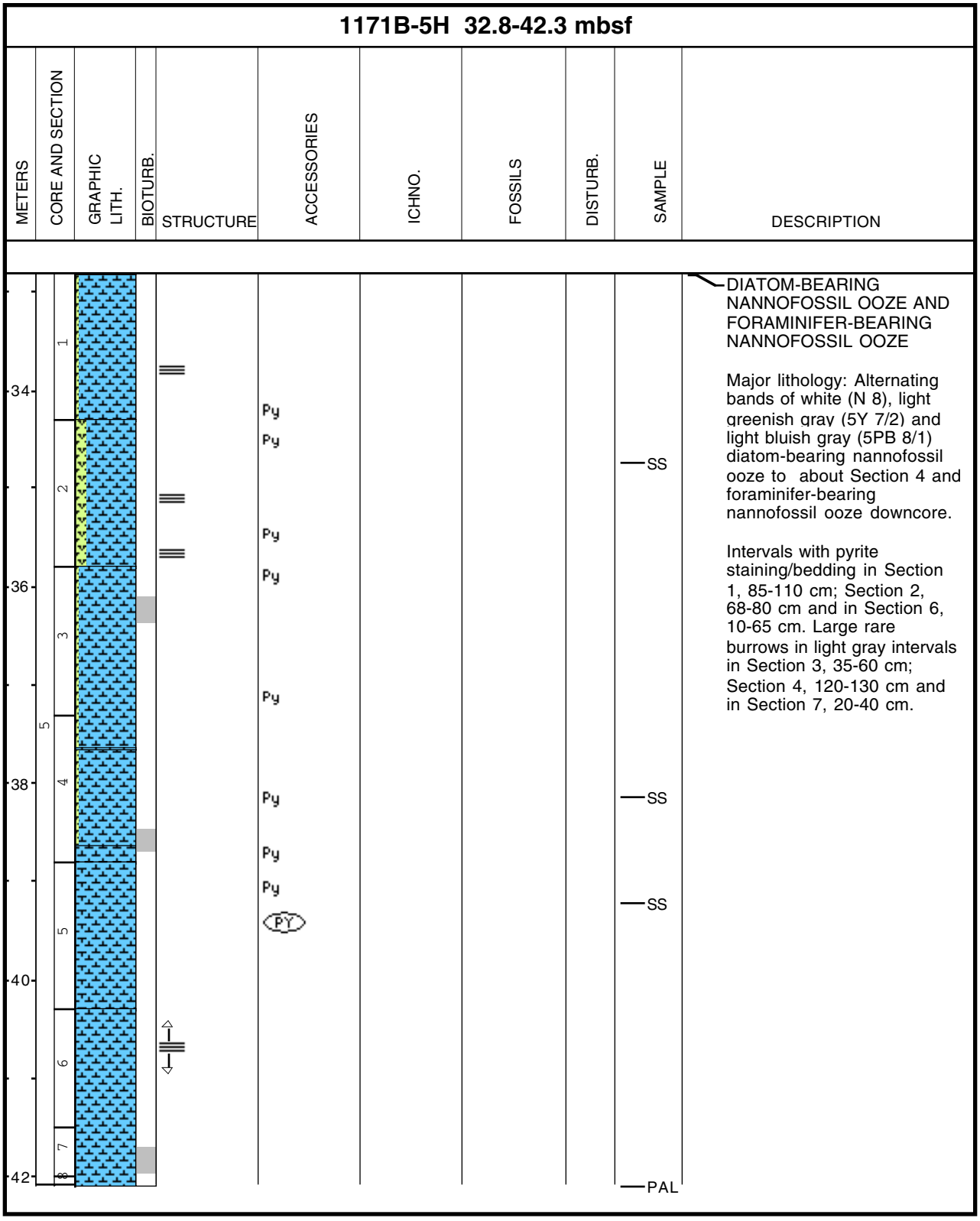
Core Photo


1171B-3H 13.8-23.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
14
16
18
20
22
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
CLAY-BEARING FORAMINIFER NANNOFOSSIL OOZE TO NANNOFOSSIL FORAMINIFER OOZE
Major lithology: Light olive gray (5Y 6/2) to white (N 8) and light greenish gray (10Y 7/1) clay-bearing nannofossil ooze to foraminifer nannofossil ooze in Section 6, 100 cm.
Minor lithology: White (N 8) clay-bearing nannofossil foraminifer ooze in Section 2, 105 cm.
Light greenish gray (5G 7/1) to light bluish gray (5PB 7/1) laminations. Very faint in Sections 5 to 7.
Pyrite throughout.
Rare silt-sized glauconite throughout.

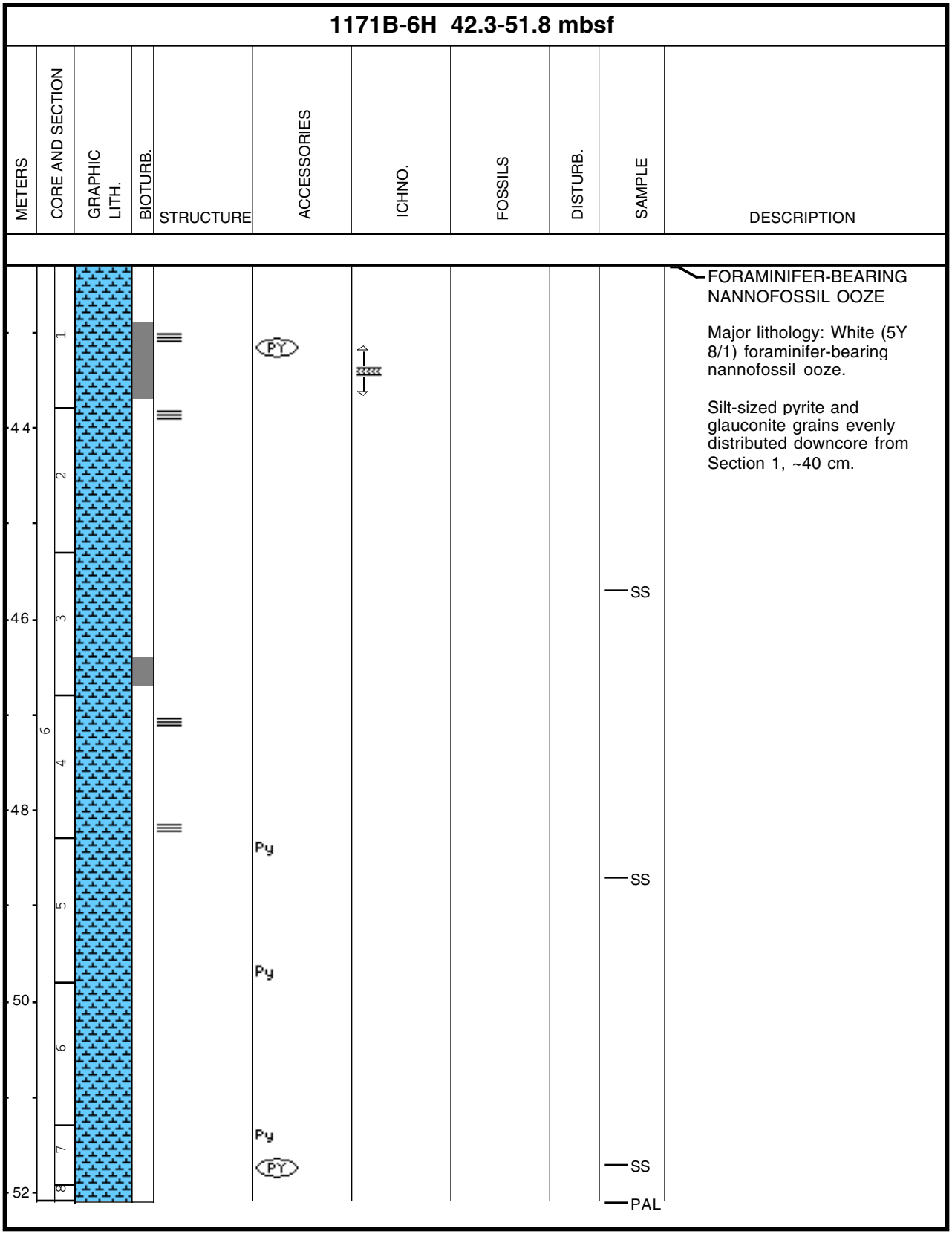
Core Photo


1171B-4H 23.3-32.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
24
26
28
30
32
1
2
3
4
5
6
7
CLAY-BEARING FORAMINIFER NANNOFOSSIL OOZE TO NANNOFOSSIL FORAMINIFER OOZE
Major lithology: White (N 8) to light gray (5YR 7/1) and light greenish gray (10Y 8/1) clay-bearing foraminifer nannofossil ooze to nannofossil foraminifer ooze.
Light greenish gray (5G 7/1) to light bluish gray (5PB 7/1) laminations. Faint in Sections 3 to 6.
Pyrite staining throughout.
Rare silt-sized glauconite throughout.

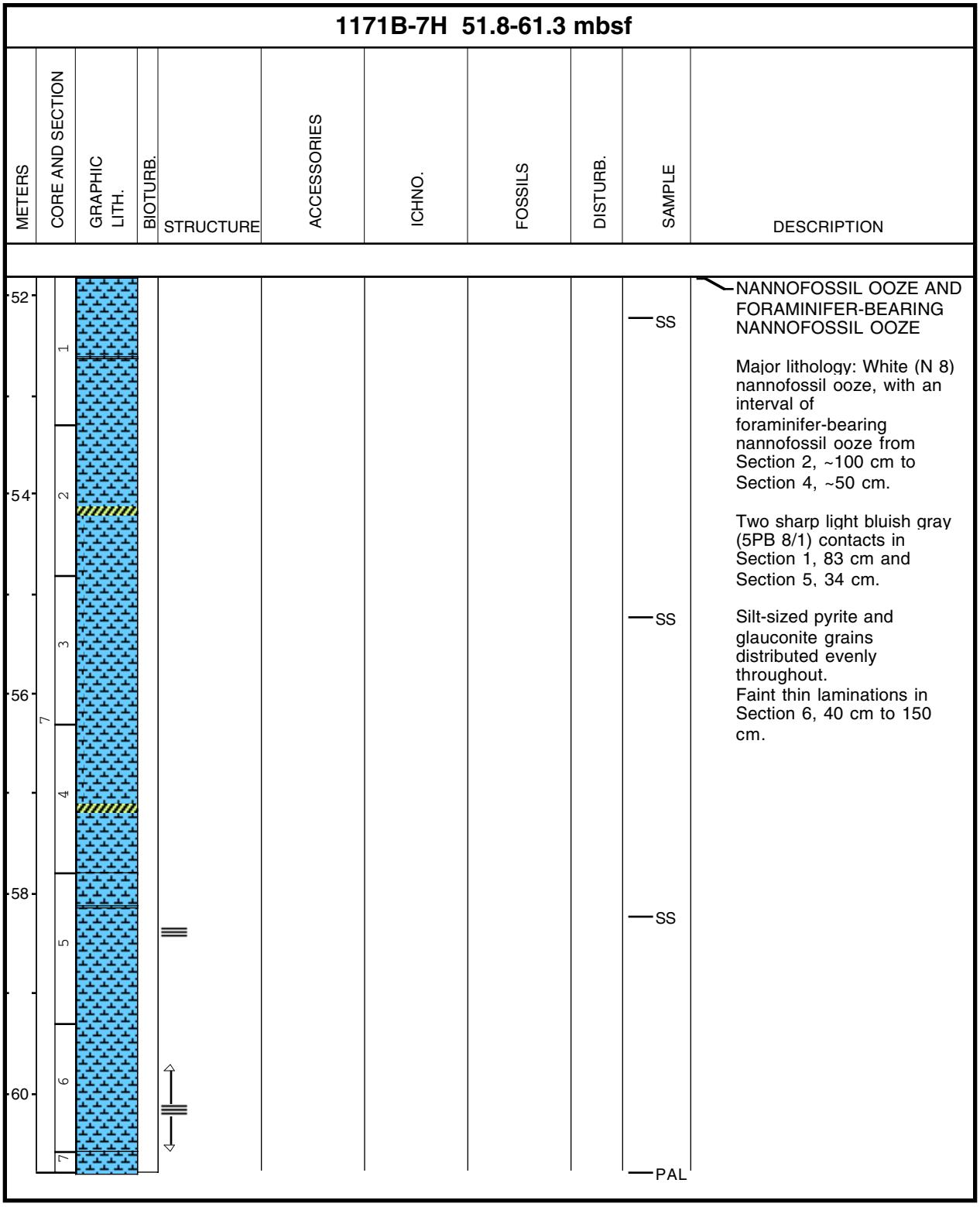
Core Photo


1171B-5H 32.8-42.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
34
36
38
40
42
1
2
3
4
5
6
7
8
Py
PY
SS
SS
SS
PAL
DIATOM-BEARING NANNOFOSSIL OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: Alternating bands of white (N 8), light greenish gray (5Y 7/2) and light bluish gray (5PB 8/1) diatom-bearing nannofossil ooze to about Section 4 and foraminifer-bearing nannofossil ooze downcore.
Intervals with pyrite staining/bedding in Section 1, 85-110 cm; Section 2, 68-80 cm and in Section 6, 10-65 cm. Large rare burrows in light gray intervals in Section 3, 35-60 cm; Section 4, 120-130 cm and in Section 7, 20-40 cm.

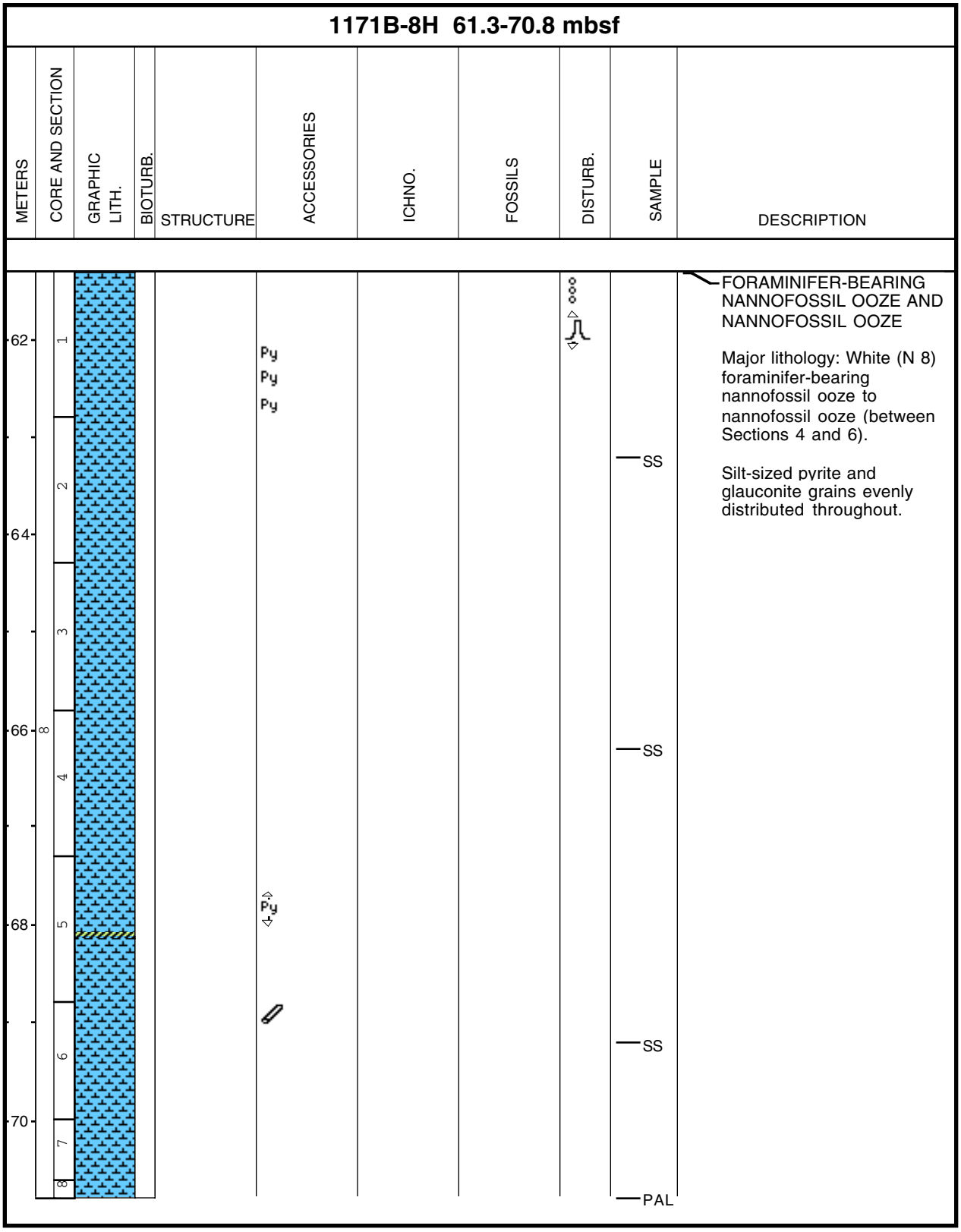
Core Photo


1171B-6H 42.3-51.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
44
46
48
50
52
1
2
3
4
5
6
7
8
PY
Py
Py
PY
SS
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (5Y 8/1) foraminifer-bearing nannofossil ooze.
Silt-sized pyrite and glauconite grains evenly distributed downcore from Section 1, ~40 cm.

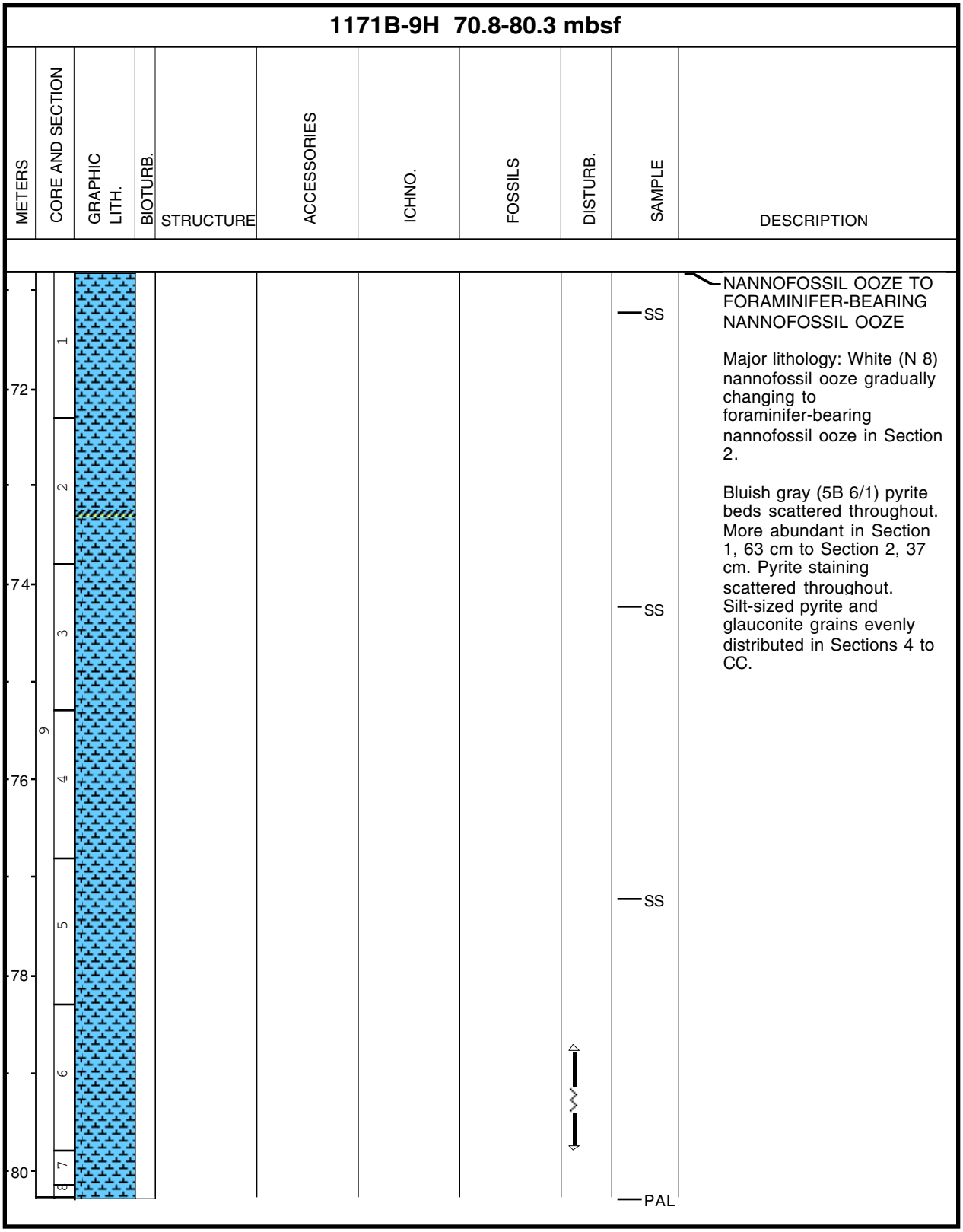
Core Photo


1171B-7H 51.8-61.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
52
54
56
58
60
1
2
3
4
5
6
7
7
SS
SS
SS
PAL
NANNOFOSSIL OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) nannofossil ooze, with an interval of foraminifer-bearing nannofossil ooze from Section 2, ~100 cm to Section 4, ~50 cm.
Two sharp light bluish gray (5PB 8/1) contacts in Section 1, 83 cm and Section 5, 34 cm.
Silt-sized pyrite and glauconite grains distributed evenly throughout.
Faint thin laminations in Section 6, 40 cm to 150 cm.

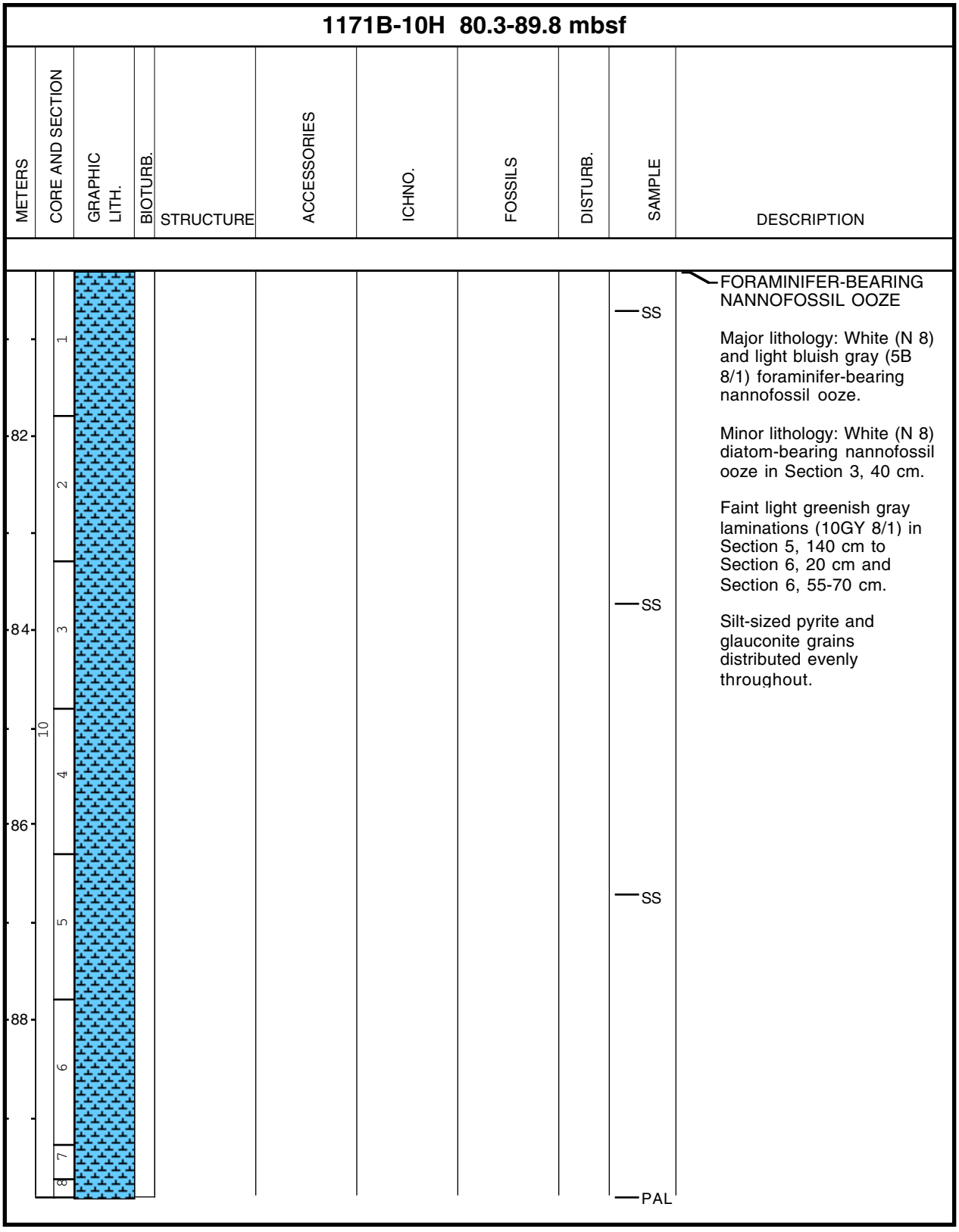
Core Photo


1171B-8H 61.3-70.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
62
64
66
68
70
1
2
3
4
5
6
7
8
Py
Py
Py
Py
SS
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE AND NANNOFOSSIL OOZE
Major lithology: White (N 8) foraminifer-bearing nannofossil ooze to nannofossil ooze (between Sections 4 and 6).
Silt-sized pyrite and glauconite grains evenly distributed throughout.

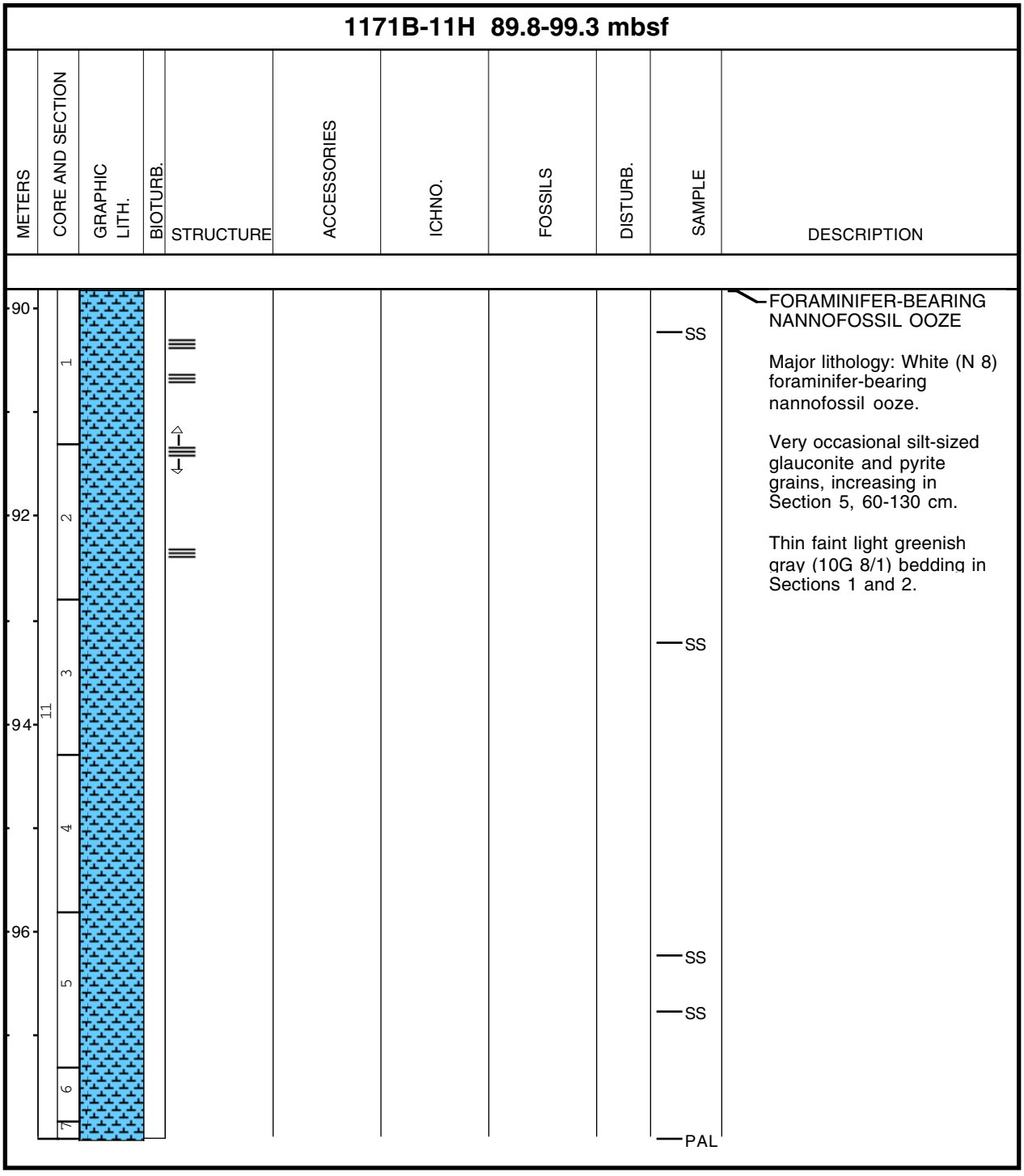
Core Photo


1171B-9H 70.8-80.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
72
74
76
78
80
9
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL OOZE TO FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) nannofossil ooze gradually changing to foraminifer-bearing nannofossil ooze in Section 2.
Bluish gray (5B 6/1) pyrite beds scattered throughout. More abundant in Section 1, 63 cm to Section 2, 37 cm. Pyrite staining scattered throughout. Silt-sized pyrite and glauconite grains evenly distributed in Sections 4 to CC.

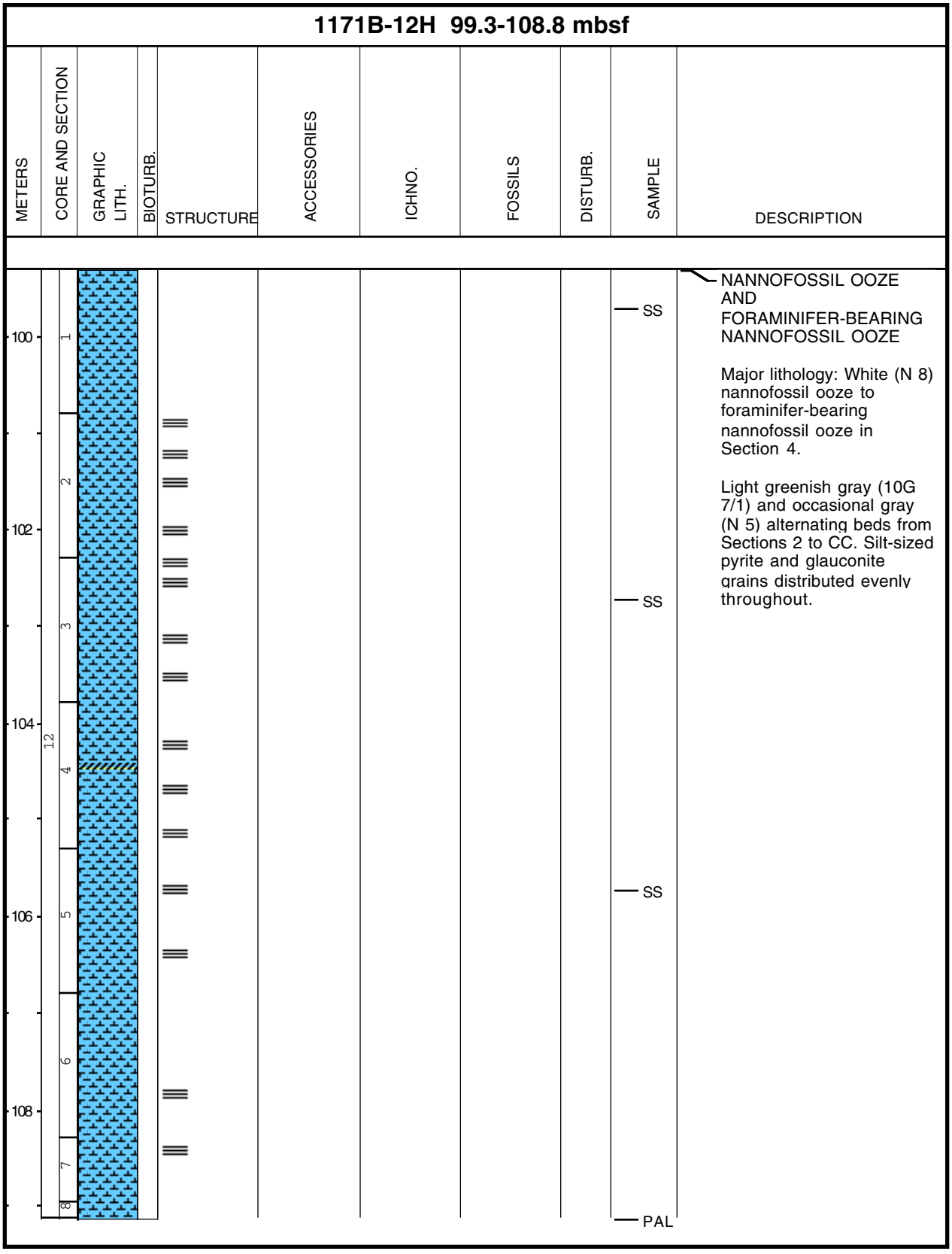
Core Photo


1171B-10H 80.3-89.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
82
84
86
88
10
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) and light bluish gray (5B 8/1) foraminifer-bearing nannofossil ooze.
Minor lithology: White (N 8) diatom-bearing nannofossil ooze in Section 3, 40 cm.
Faint light greenish gray laminations (10GY 8/1) in Section 5, 140 cm to Section 6, 20 cm and Section 6, 55-70 cm.
Silt-sized pyrite and glauconite grains distributed evenly throughout.

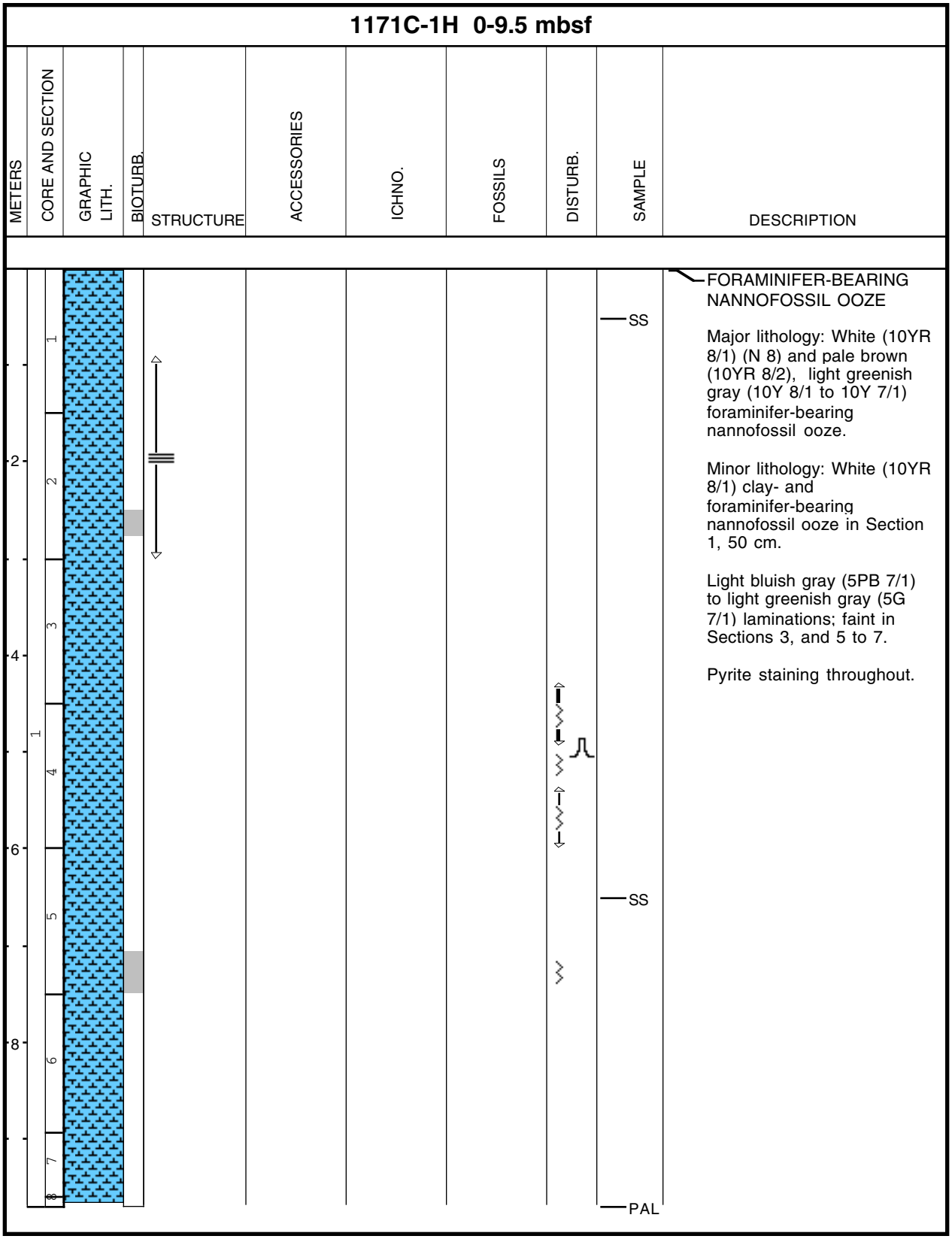
Core Photo


1171B-11H 89.8-99.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
90
92
94
96
11
1
2
3
4
5
6
7
SS
SS
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) foraminifer-bearing nannofossil ooze.
Very occasional silt-sized glauconite and pyrite grains, increasing in Section 5, 60-130 cm.
Thin faint light greenish gray (10G 8/1) bedding in Sections 1 and 2.

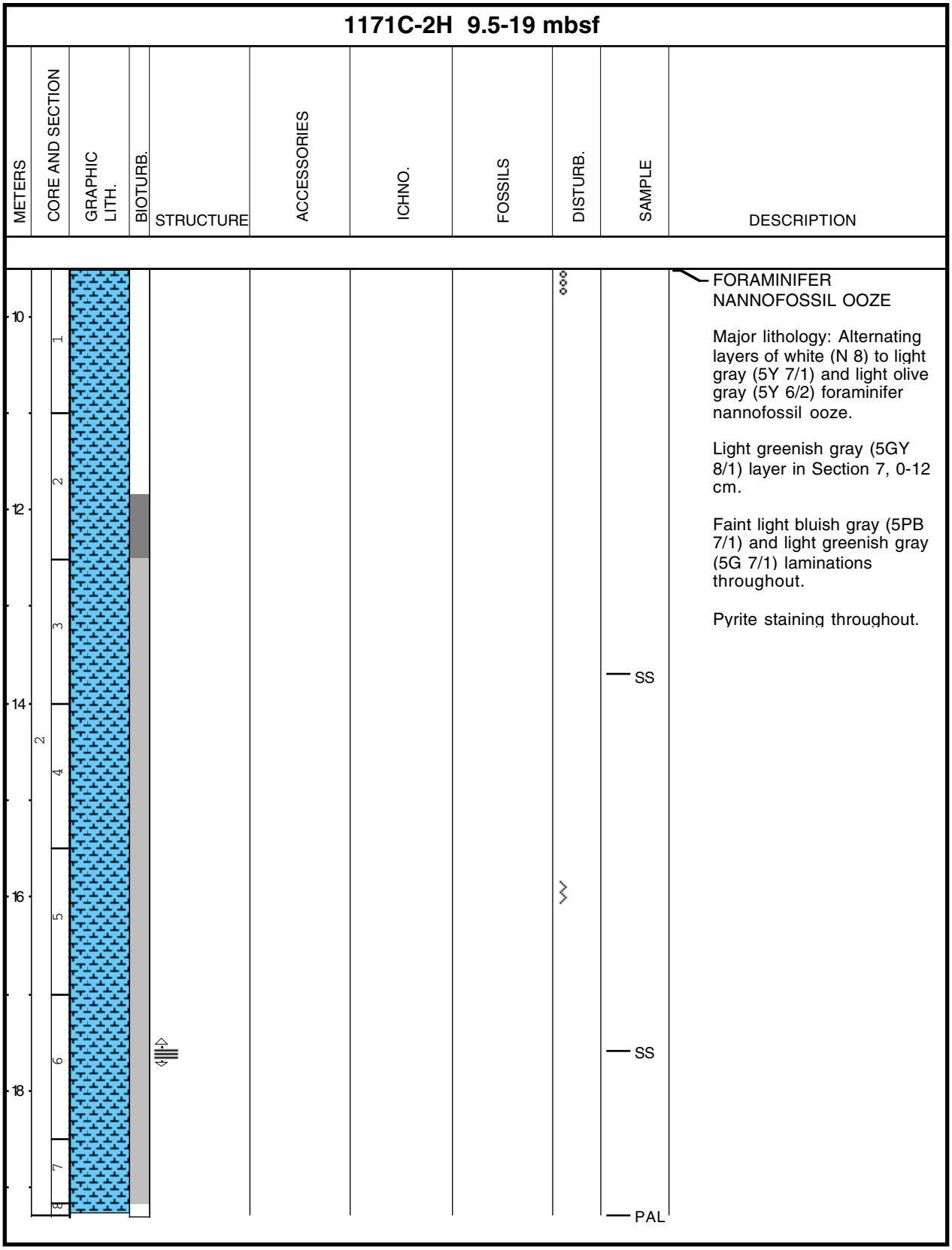
Core Photo


1171B-12H 99.3-108.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
100
102
104
106
108
12
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) nannofossil ooze to foraminifer-bearing nannofossil ooze in Section 4.
Light greenish gray (10G 7/1) and occasional gray (N 5) alternating beds from Sections 2 to CC. Silt-sized pyrite and glauconite grains distributed evenly throughout.

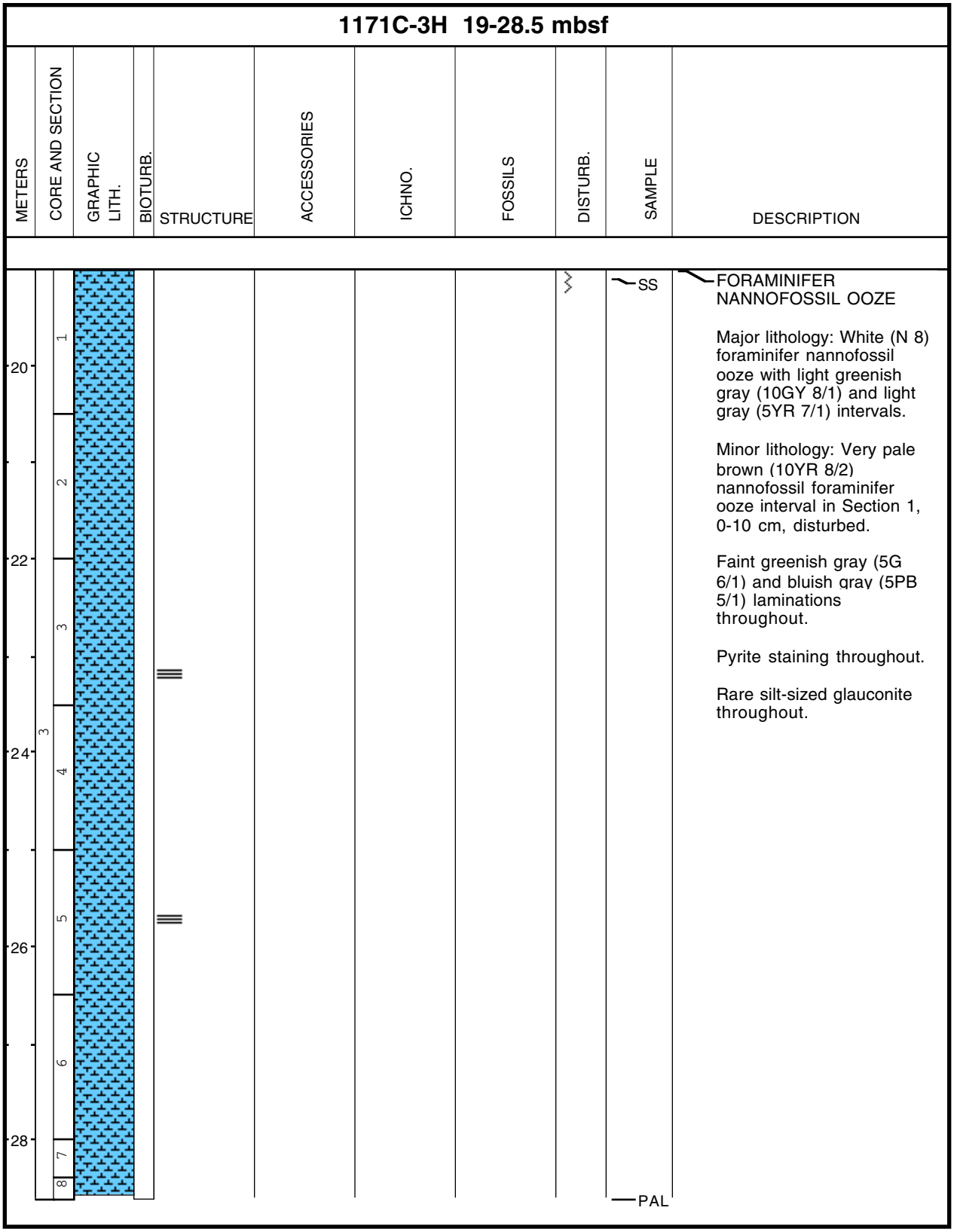
Core Photo


1171C-1H 0-9.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (10YR 8/1) (N 8) and pale brown (10YR 8/2), light greenish gray (10Y 8/1 to 10Y 7/1) foraminifer-bearing nannofossil ooze.
Minor lithology: White (10YR 8/1) clay- and foraminifer-bearing nannofossil ooze in Section 1, 50 cm.
Light bluish gray (5PB 7/1) to light greenish gray (5G 7/1) laminations; faint in Sections 3, and 5 to 7.
Pyrite staining throughout.

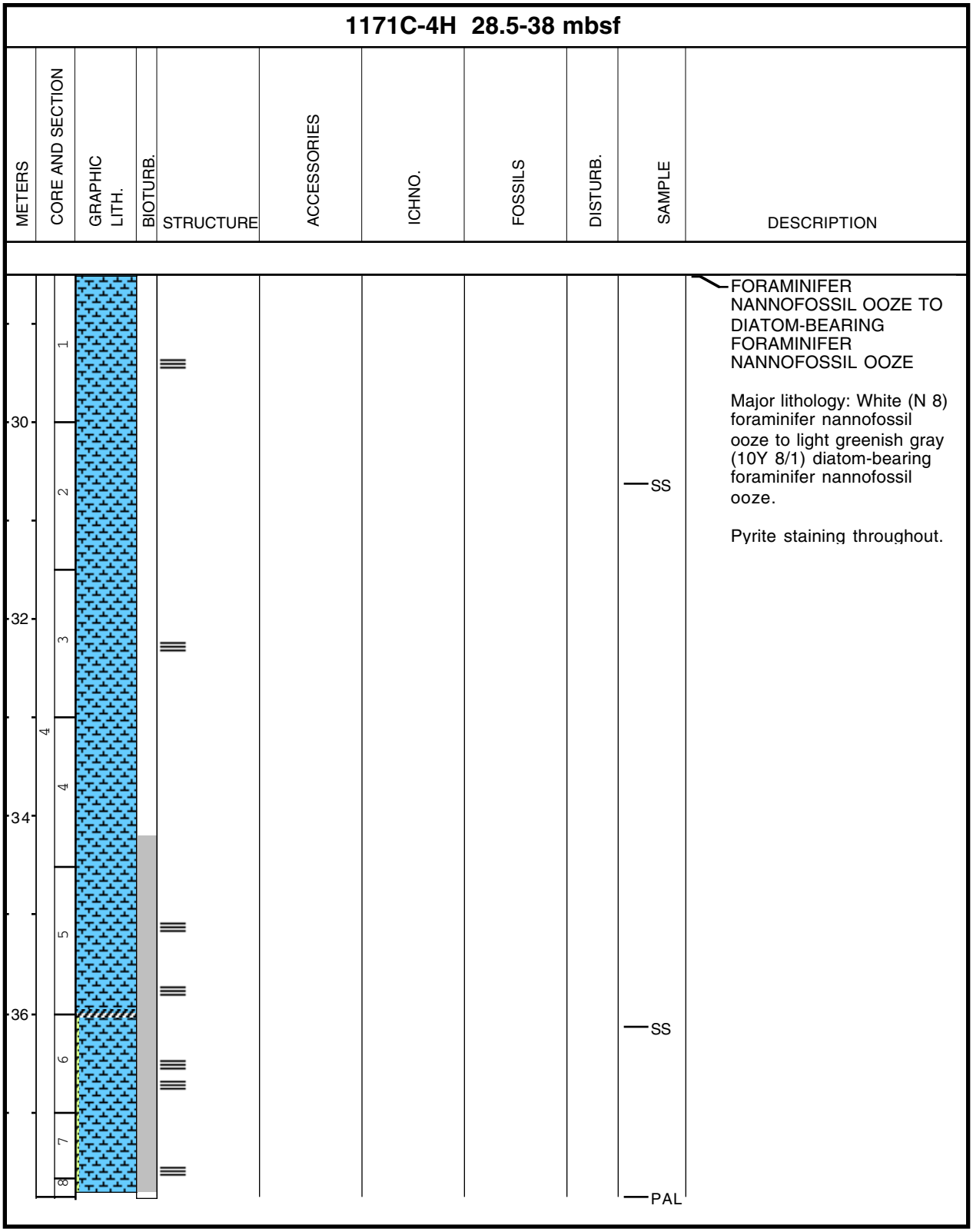
Core Photo


1171C-2H 9.5-19 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
10
12
14
16
18
1
2
3
4
5
6
7
CC
SS
SS
PAL
FORAMINIFER NANNOFOSSIL OOZE
Major lithology: Alternating layers of white (N 8) to light gray (5Y 7/1) and light olive gray (5Y 6/2) foraminifer nannofossil ooze.
Light greenish gray (5GY 8/1) layer in Section 7, 0-12 cm.
Faint light bluish gray (5PB 7/1) and light greenish gray (5G 7/1) laminations throughout.
Pyrite staining throughout.

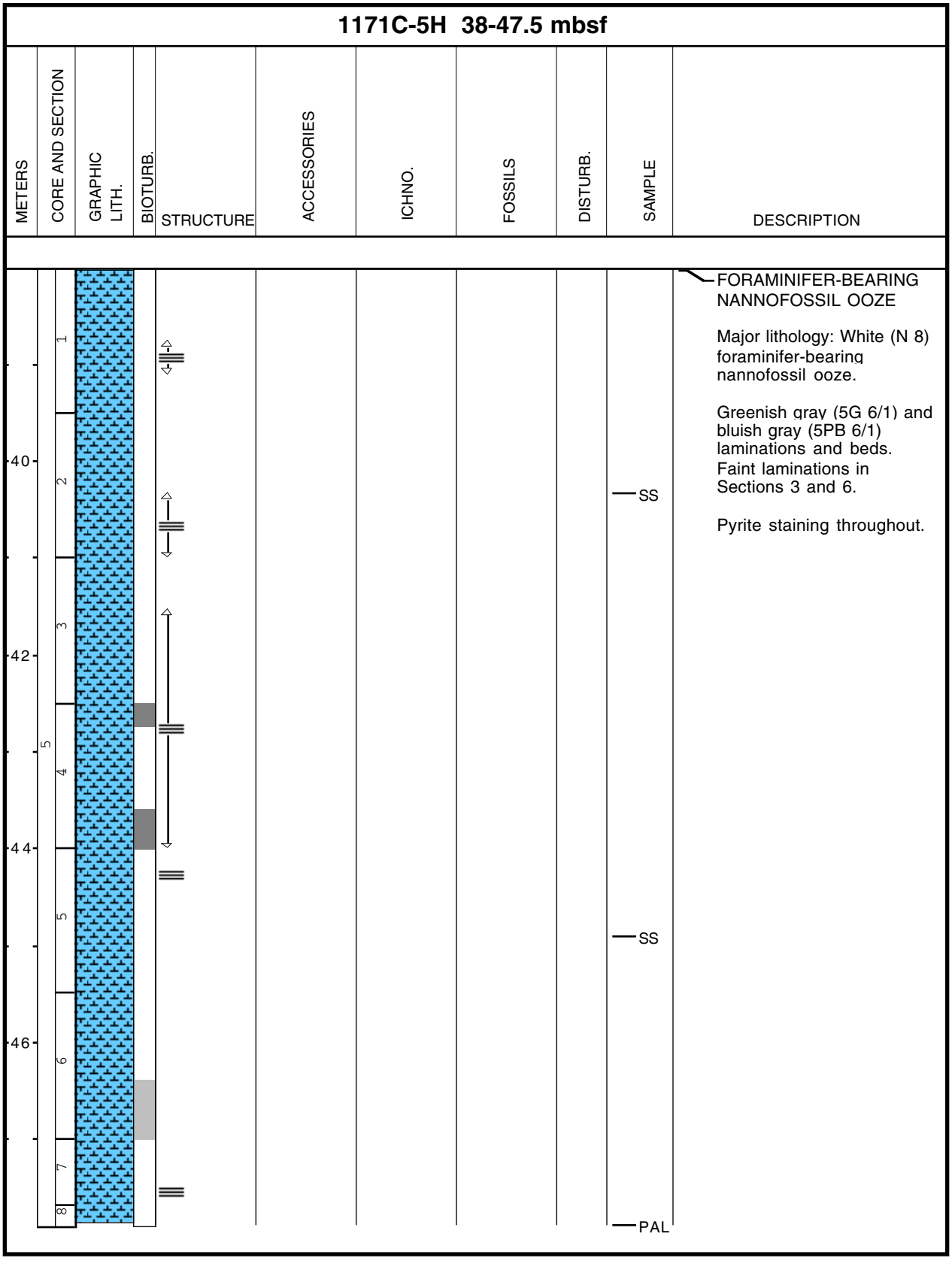
Core Photo


1171C-3H 19-28.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
20
22
24
26
28
1
2
3
4
5
6
7
8
3
SS
PAL
FORAMINIFER NANNOFOSSIL OOZE
Major lithology: White (N 8) foraminifer nannofossil ooze with light greenish gray (10GY 8/1) and light gray (5YR 7/1) intervals.
Minor lithology: Very pale brown (10YR 8/2) nannofossil foraminifer ooze interval in Section 1, 0-10 cm, disturbed.
Faint greenish gray (5G 6/1) and bluish gray (5PB 5/1) laminations throughout.
Pyrite staining throughout.
Rare silt-sized glauconite throughout.

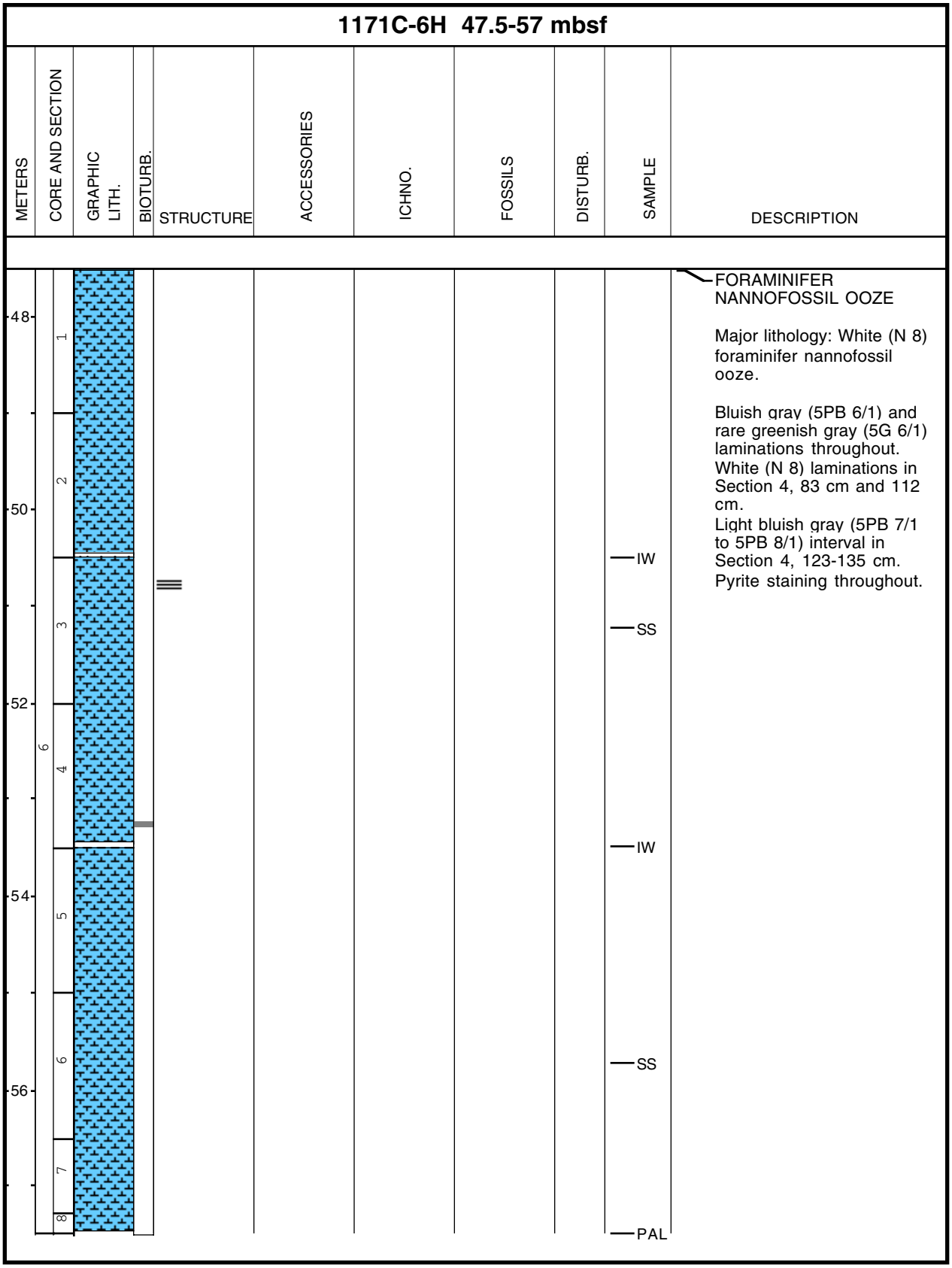
Core Photo


1171C-4H 28.5-38 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
30
32
34
36
1
2
3
4
5
6
7
8
SS
SS
PAL
FORAMINIFER NANNOFOSSIL OOZE TO DIATOM-BEARING FORAMINIFER NANNOFOSSIL OOZE
Major lithology: White (N 8) foraminifer nannofossil ooze to light greenish gray (10Y 8/1) diatom-bearing foraminifer nannofossil ooze.
Pyrite staining throughout.

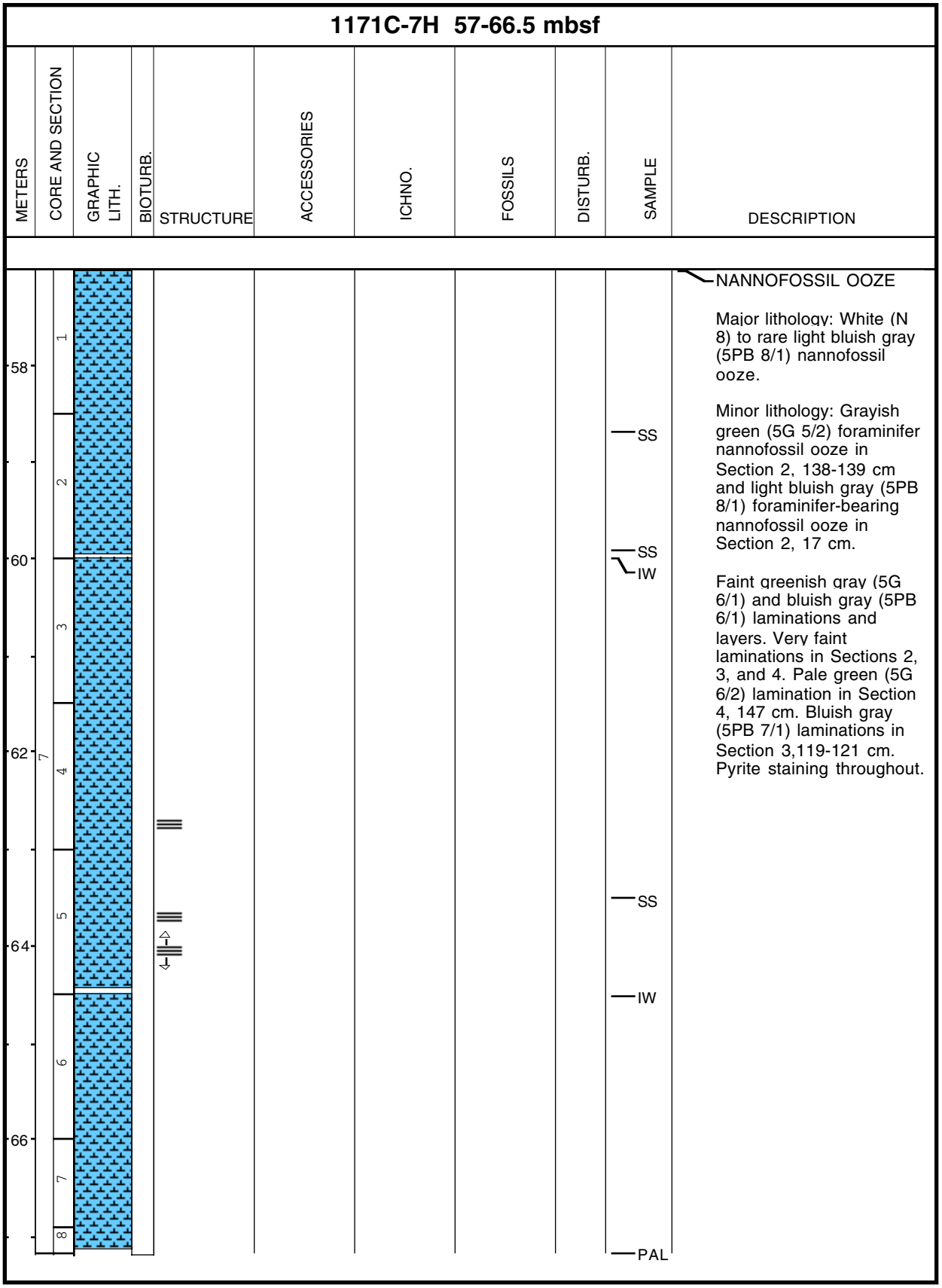
Core Photo


1171C-5H 38-47.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
40
42
44
46
1
2
3
4
5
6
7
8
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) foraminifer-bearing nannofossil ooze.
Greenish gray (5G 6/1) and bluish gray (5PB 6/1) laminations and beds. Faint laminations in Sections 3 and 6.
Pyrite staining throughout.

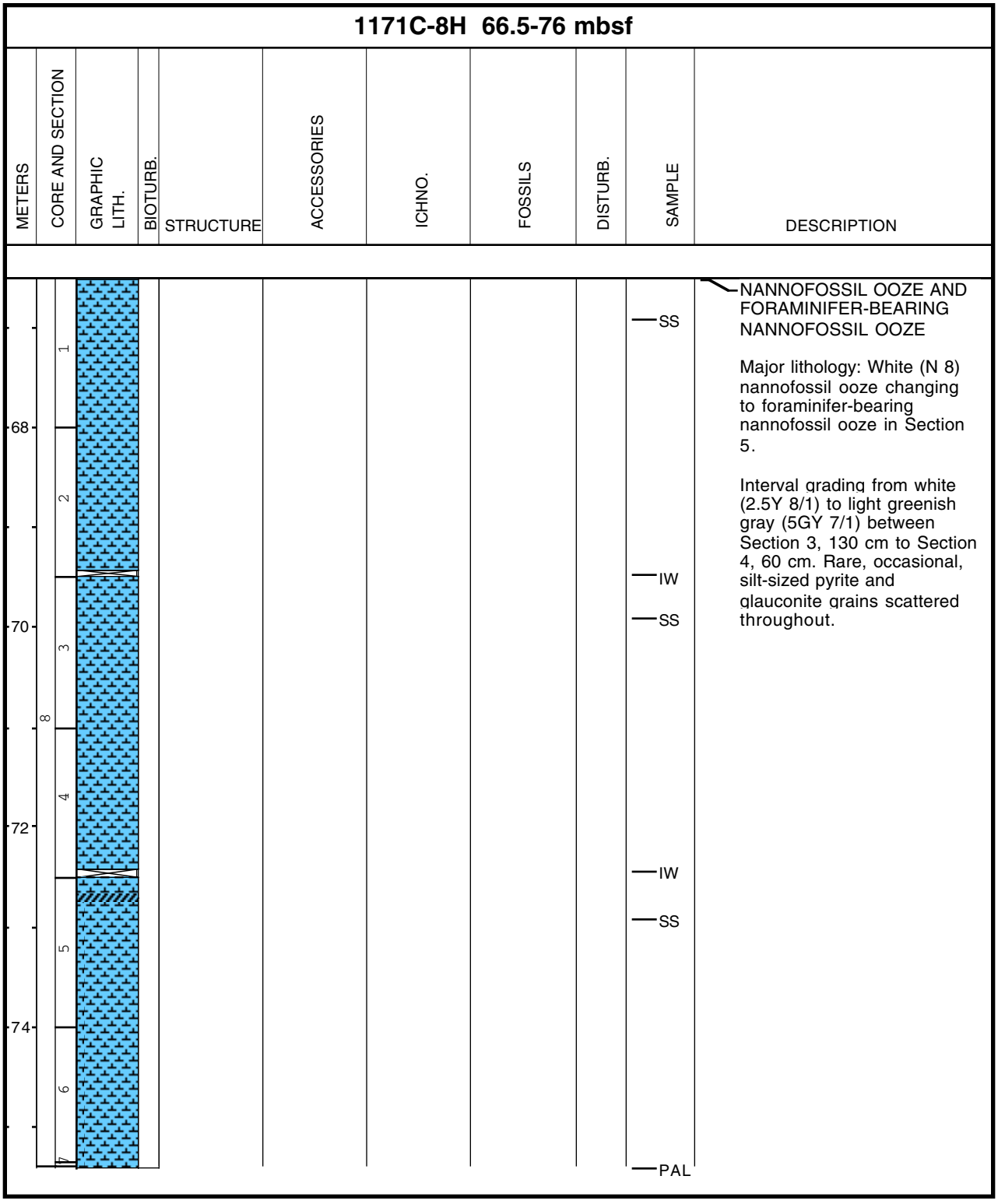
Core Photo


1171C-6H 47.5-57 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
48
50
52
54
56
6
1
2
3
4
5
6
7
8
IW
SS
IW
SS
PAL
FORAMINIFER NANNOFOSSIL OOZE
Major lithology: White (N 8) foraminifer nannofossil ooze.
Bluish gray (5PB 6/1) and rare greenish gray (5G 6/1) laminations throughout.
White (N 8) laminations in Section 4, 83 cm and 112 cm.
Light bluish gray (5PB 7/1 to 5PB 8/1) interval in Section 4, 123-135 cm.
Pyrite staining throughout.

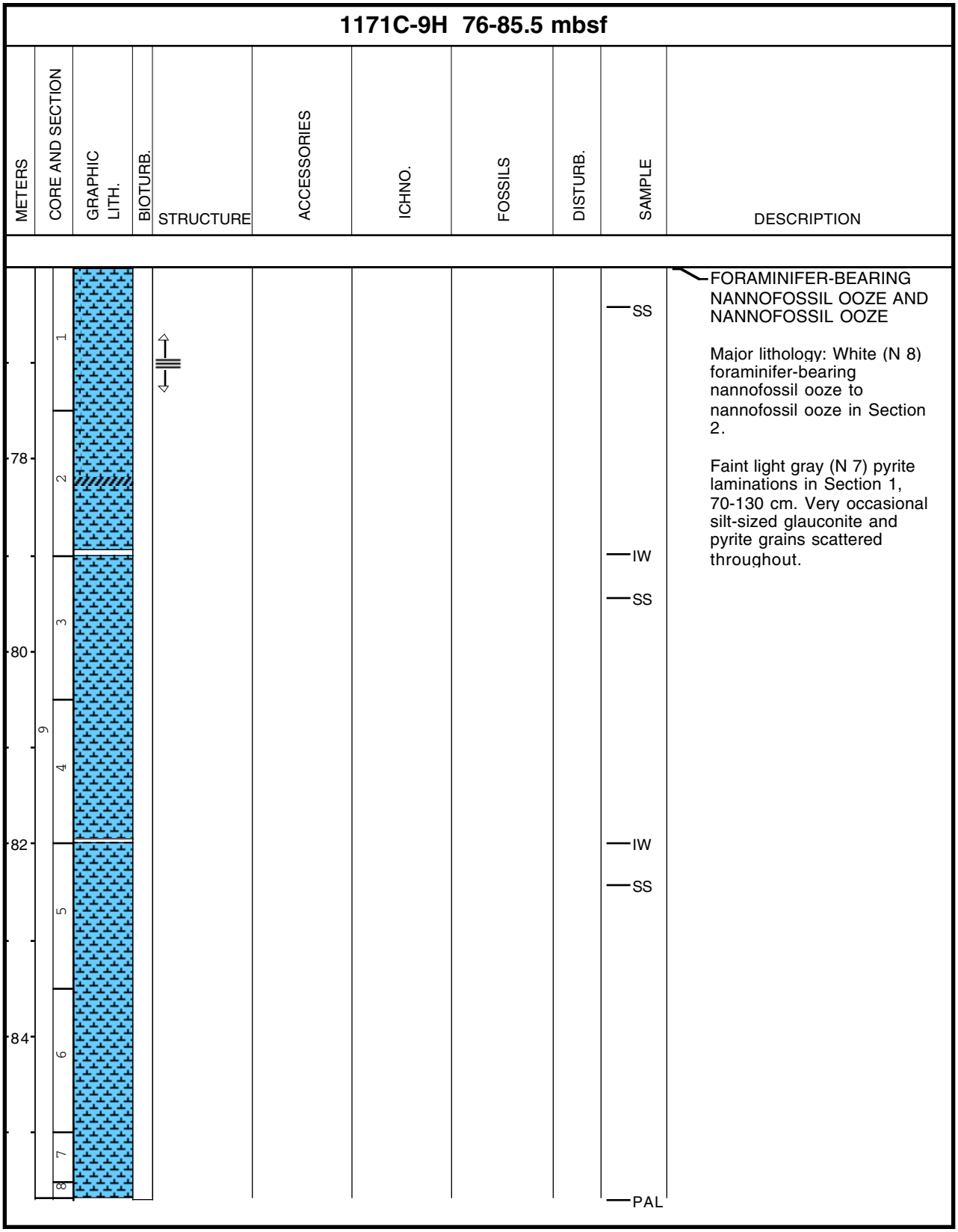
Core Photo


1171C-7H 57-66.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
58
60
62
64
66
1
2
3
4
5
6
7
8
SS
SS
IW
SS
IW
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8) to rare light bluish gray (5PB 8/1) nannofossil ooze.
Minor lithology: Grayish green (5G 5/2) foraminifer nannofossil ooze in Section 2, 138-139 cm and light bluish gray (5PB 8/1) foraminifer-bearing nannofossil ooze in Section 2, 17 cm.
Faint greenish gray (5G 6/1) and bluish gray (5PB 6/1) laminations and layers. Very faint laminations in Sections 2, 3, and 4. Pale green (5G 6/2) lamination in Section 4, 147 cm. Bluish gray (5PB 7/1) laminations in Section 3,119-121 cm. Pyrite staining throughout.

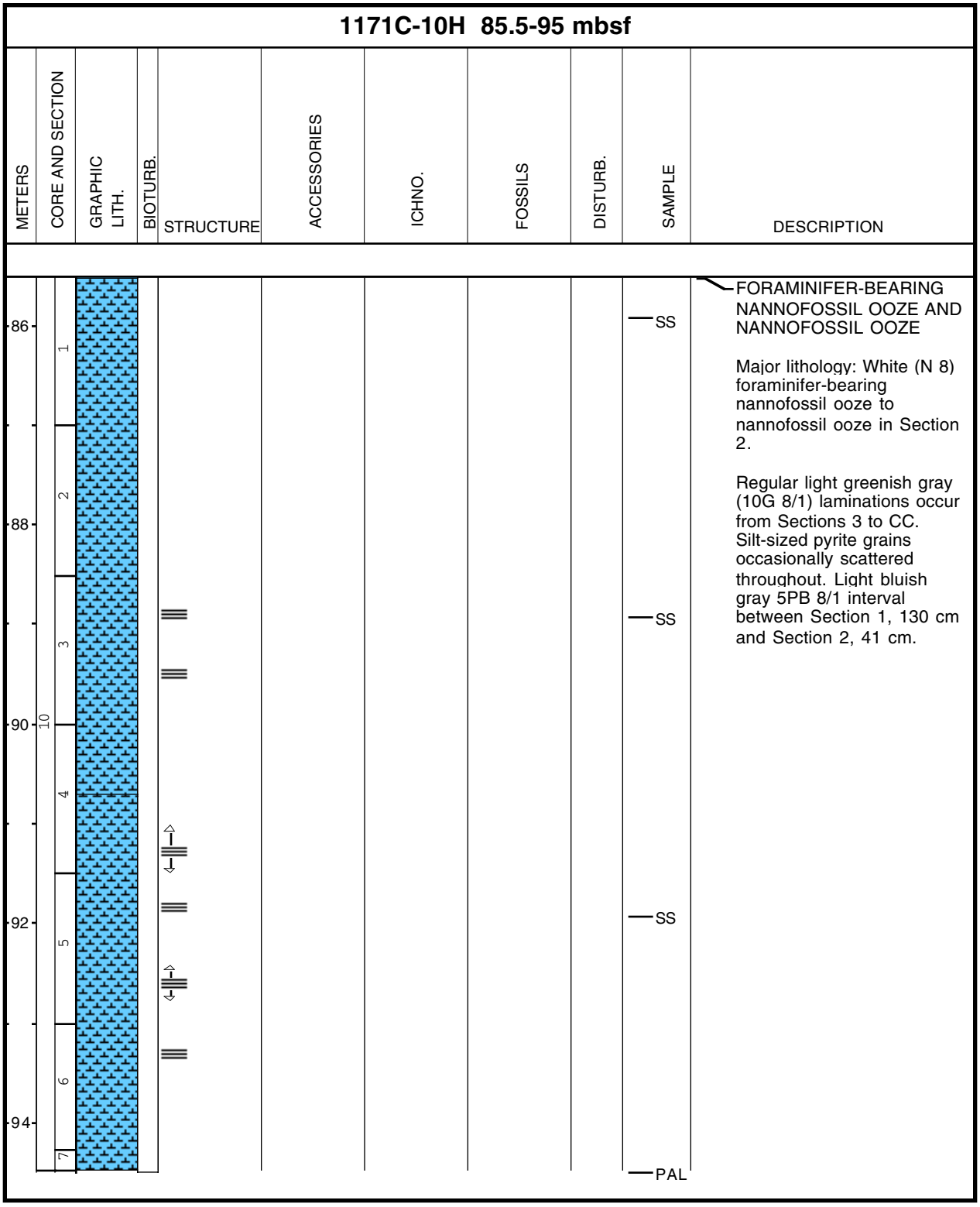
Core Photo


1171C-8H 66.5-76 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
68
70
72
74
8
1
2
3
4
5
6
7
SS
IW
SS
IW
SS
PAL
NANNOFOSSIL OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) nannofossil ooze changing to foraminifer-bearing nannofossil ooze in Section 5.
Interval grading from white (2.5Y 8/1) to light greenish gray (5GY 7/1) between Section 3, 130 cm to Section 4, 60 cm. Rare, occasional, silt-sized pyrite and glauconite grains scattered throughout.

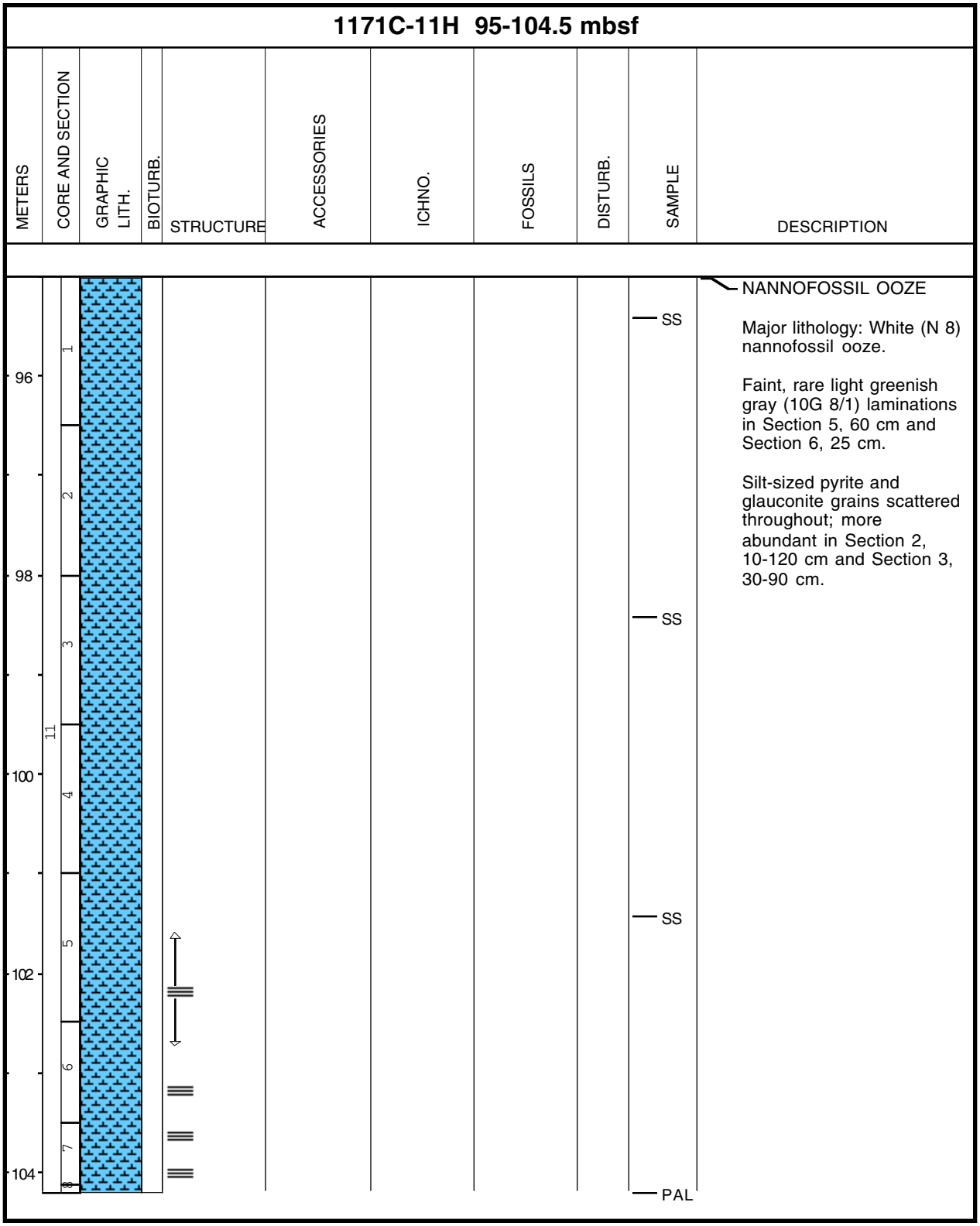
Core Photo


1171C-9H 76-85.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
78
80
82
84
9
1
2
3
4
5
6
7
8
SS
IW
SS
IW
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE AND NANNOFOSSIL OOZE
Major lithology: White (N 8) foraminifer-bearing nannofossil ooze to nannofossil ooze in Section 2.
Faint light gray (N 7) pyrite laminations in Section 1, 70-130 cm. Very occasional silt-sized glauconite and pyrite grains scattered throughout.

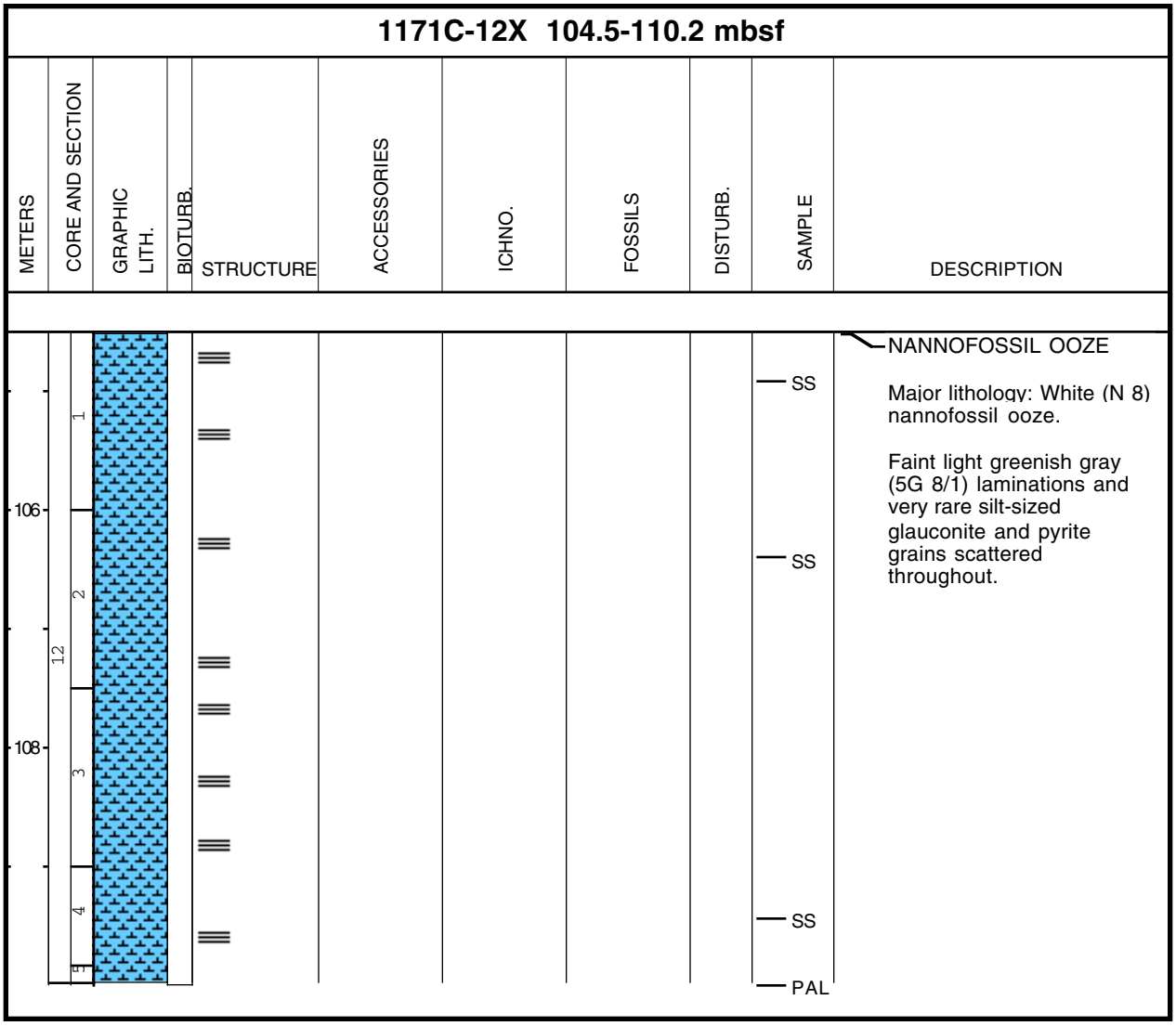
Core Photo


1171C-10H 85.5-95 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
86
88
90
92
94
10
1
2
3
4
5
6
7
SS
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE AND NANNOFOSSIL OOZE
Major lithology: White (N 8) foraminifer-bearing nannofossil ooze to nannofossil ooze in Section 2.
Regular light greenish gray (10G 8/1) laminations occur from Sections 3 to CC. Silt-sized pyrite grains occasionally scattered throughout. Light bluish gray 5PB 8/1 interval between Section 1, 130 cm and Section 2, 41 cm.

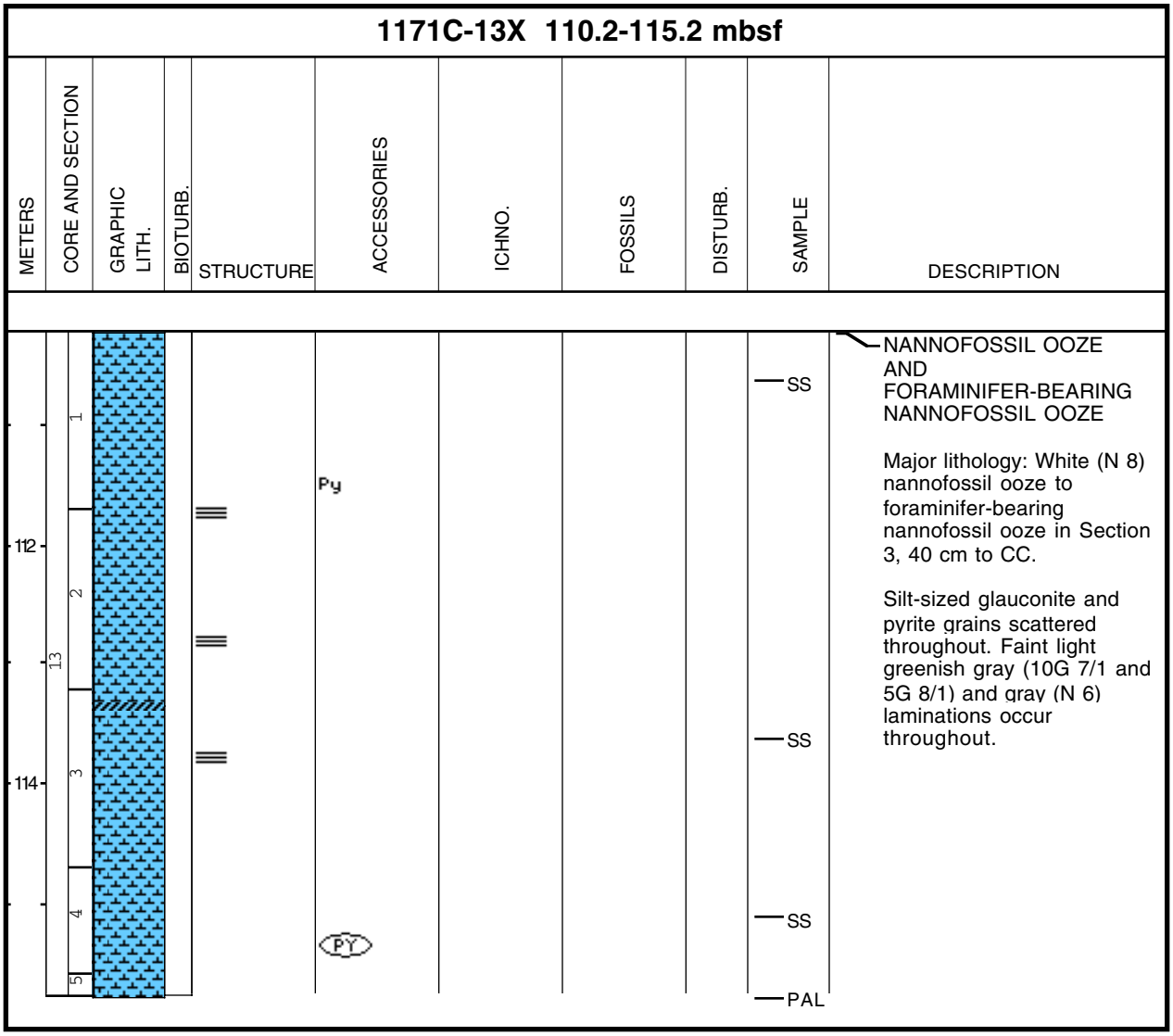
Core Photo


1171C-11H 95-104.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
96
98
100
102
104
11
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8) nannofossil ooze.
Faint, rare light greenish gray (10G 8/1) laminations in Section 5, 60 cm and Section 6, 25 cm.
Silt-sized pyrite and glauconite grains scattered throughout; more abundant in Section 2, 10-120 cm and Section 3, 30-90 cm.

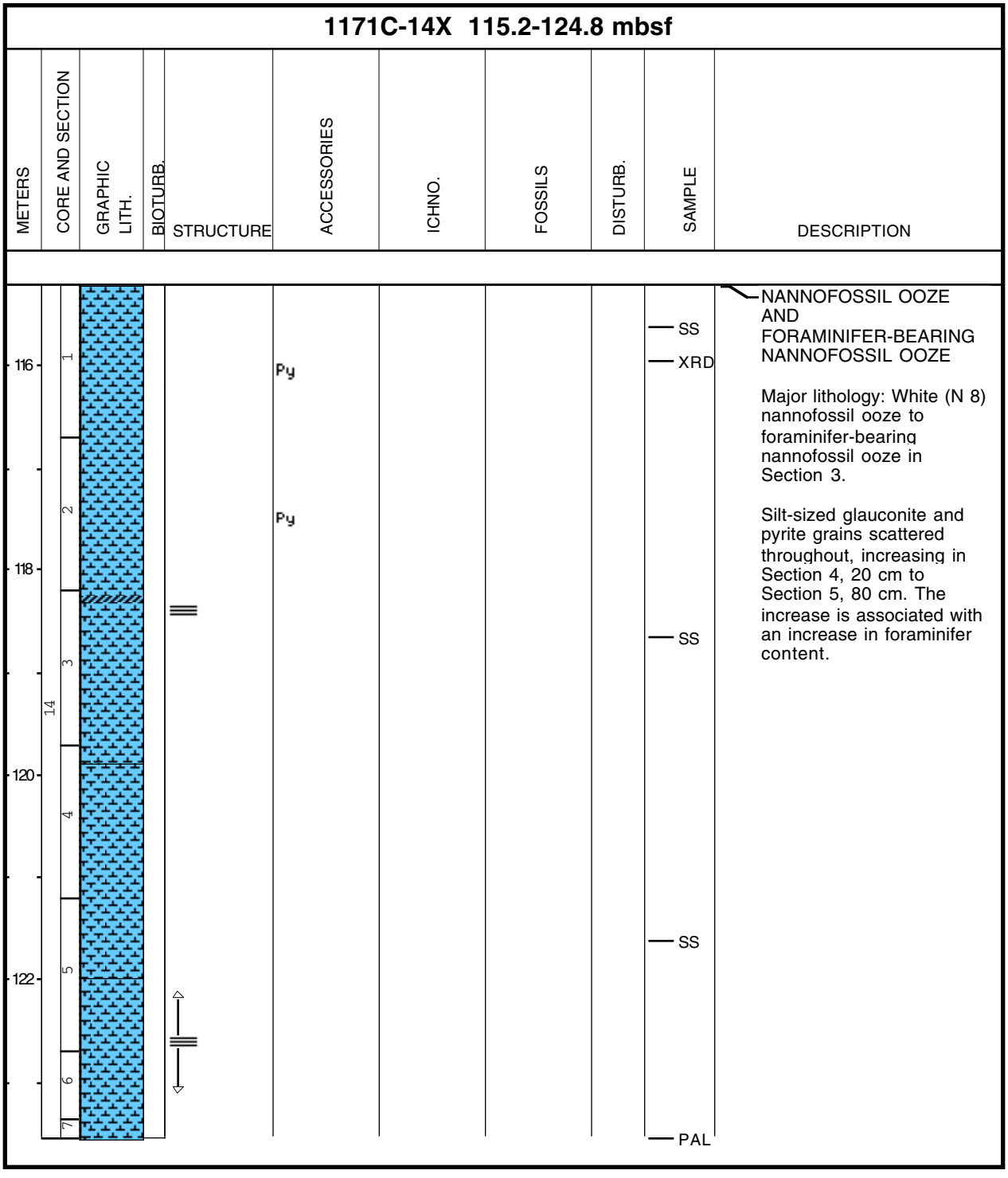
Core Photo


1171C-12X 104.5-110.2 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
106
108
12
1
2
3
4
SS
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8) nannofossil ooze.
Faint light greenish gray (5G 8/1) laminations and very rare silt-sized glauconite and pyrite grains scattered throughout.

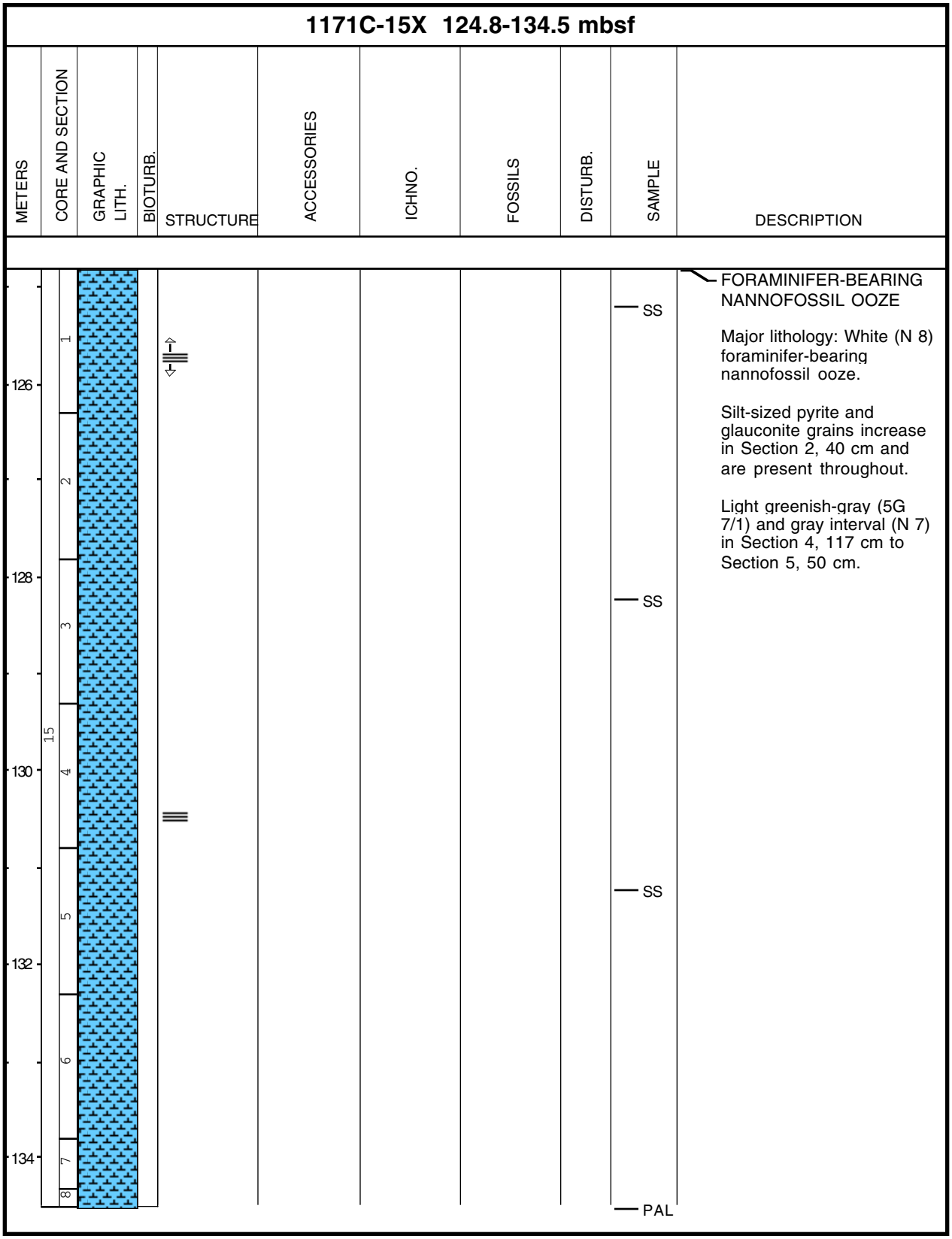
Core Photo


1171C-13X 110.2-115.2 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
112
114
13
1
2
3
4
5
Py
PY
SS
SS
SS
PAL
NANNOFOSSIL OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) nannofossil ooze to foraminifer-bearing nannofossil ooze in Section 3, 40 cm to CC.
Silt-sized glauconite and pyrite grains scattered throughout. Faint light greenish gray (10G 7/1 and 5G 8/1) and gray (N 6) laminations occur throughout.

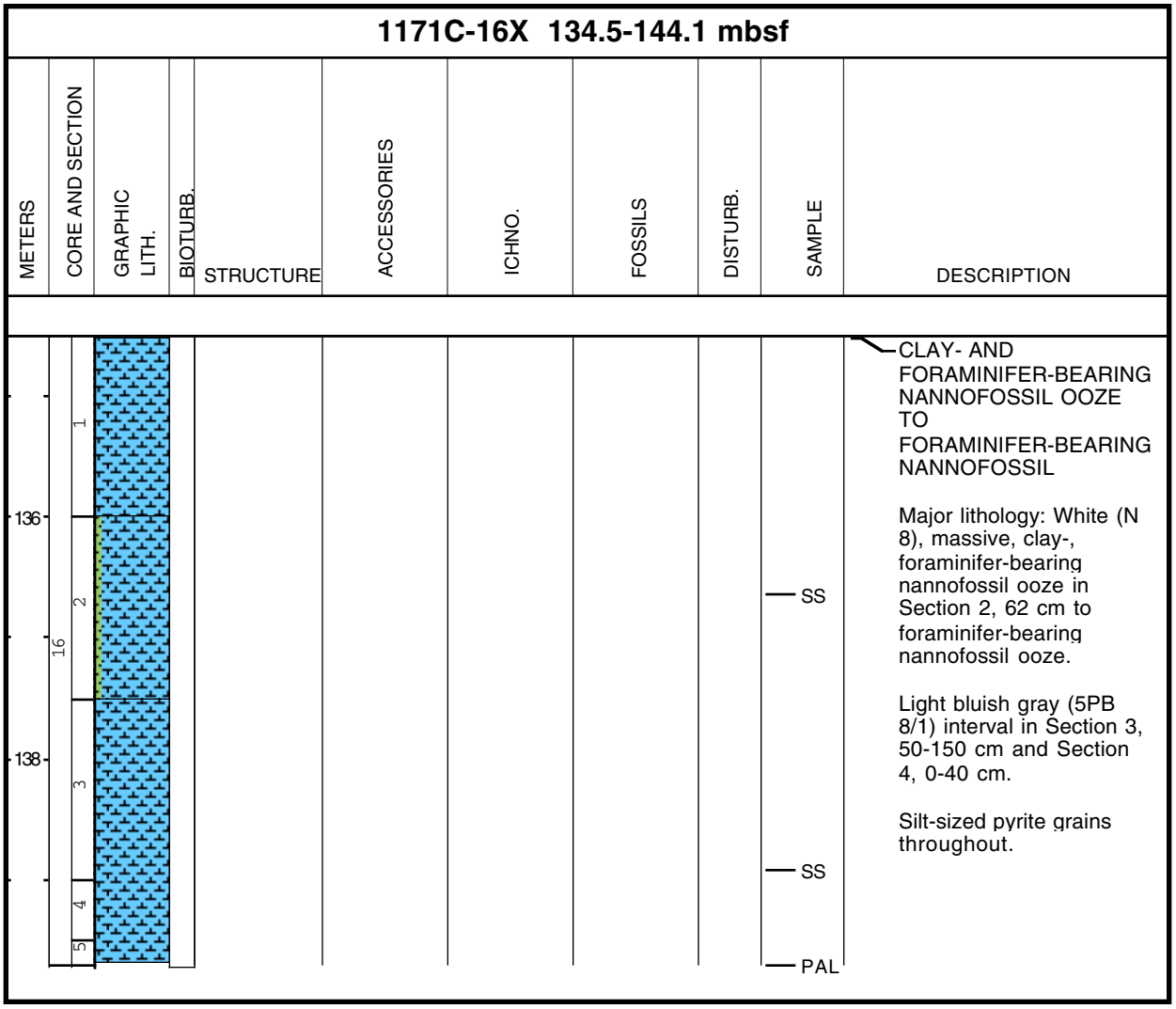
Core Photo


1171C-14X 115.2-124.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
116
118
120
122
14
1
2
3
4
5
6
7
Py
Py
SS
XRD
SS
SS
PAL
NANNOFOSSIL OOZE AND FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) nannofossil ooze to foraminifer-bearing nannofossil ooze in Section 3.
Silt-sized glauconite and pyrite grains scattered throughout, increasing in Section 4, 20 cm to Section 5, 80 cm. The increase is associated with an increase in foraminifer content.

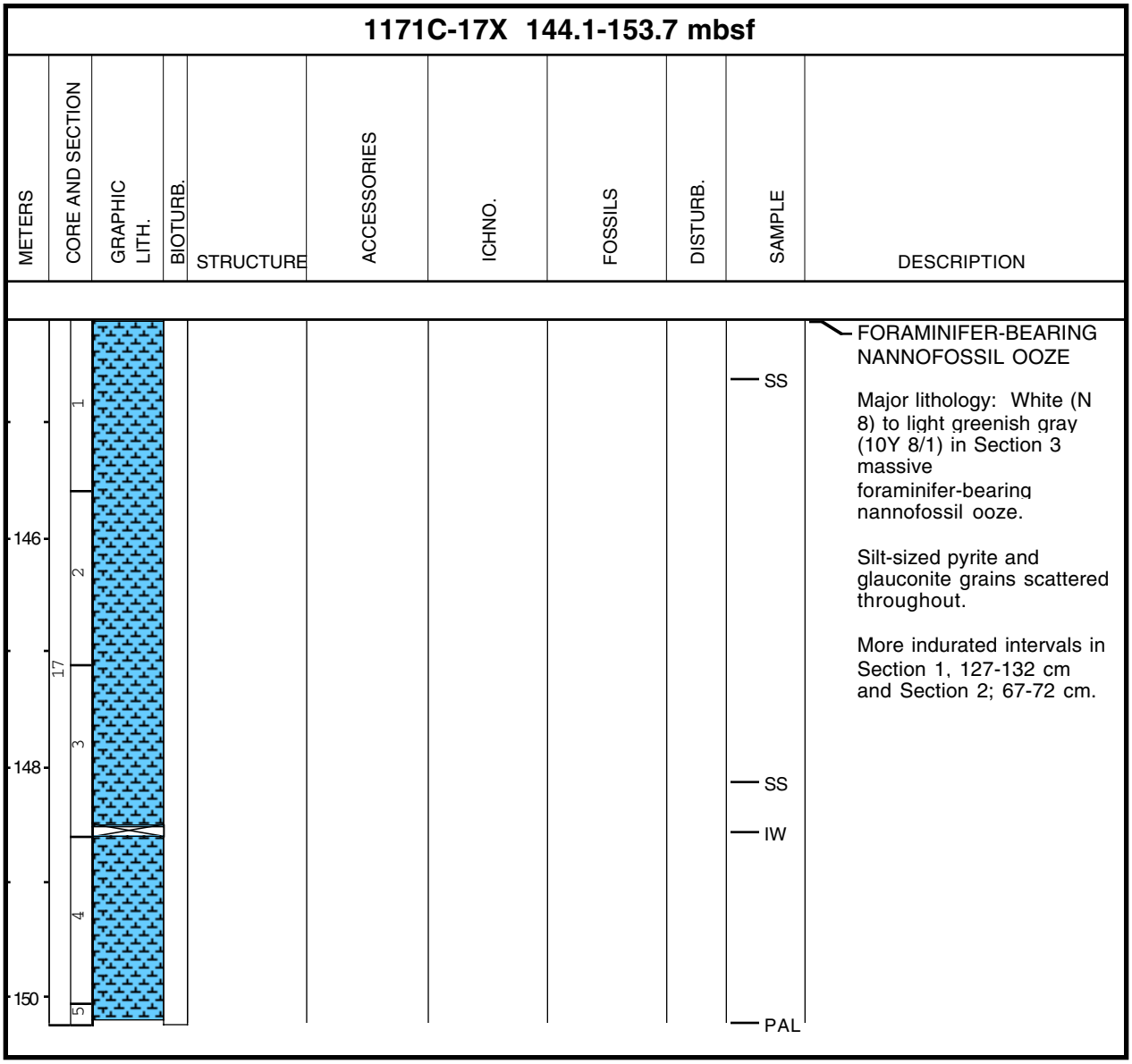
Core Photo


1171C-15X 124.8-134.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
126
128
130
132
134
15
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) foraminifer-bearing nannofossil ooze.
Silt-sized pyrite and glauconite grains increase in Section 2, 40 cm and are present throughout.
Light greenish-gray (5G 7/1) and gray interval (N 7) in Section 4, 117 cm to Section 5, 50 cm.

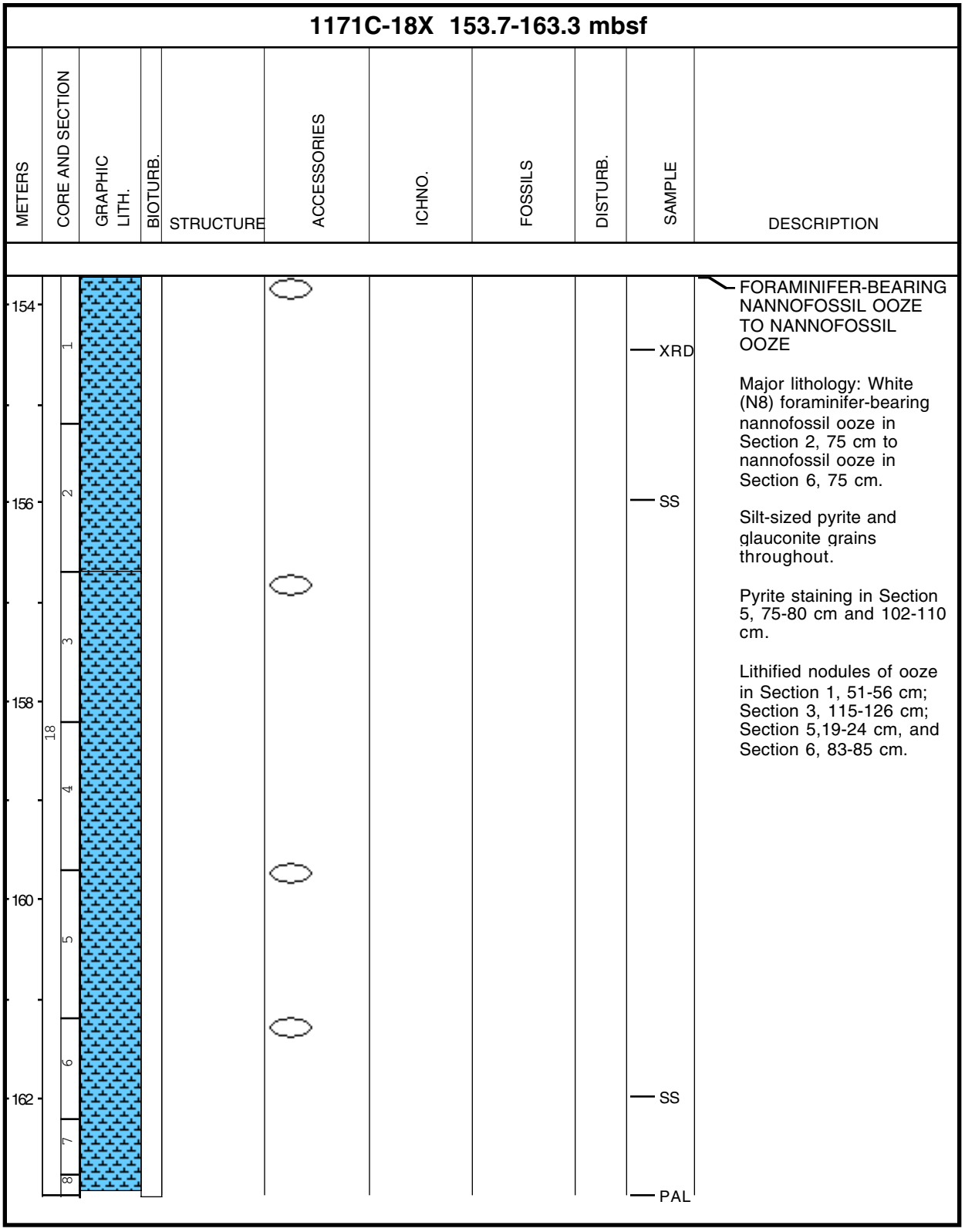
Core Photo


1171C-16X 134.5-144.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
136
138
16
1
2
3
4
5
SS
SS
PAL
CLAY- AND FORAMINIFER-BEARING NANNOFOSSIL OOZE TO FORAMINIFER-BEARING NANNOFOSSIL
Major lithology: White (N 8), massive, clay-, foraminifer-bearing nannofossil ooze in Section 2, 62 cm to foraminifer-bearing nannofossil ooze.
Light bluish gray (5PB 8/1) interval in Section 3, 50-150 cm and Section 4, 0-40 cm.
Silt-sized pyrite grains throughout.

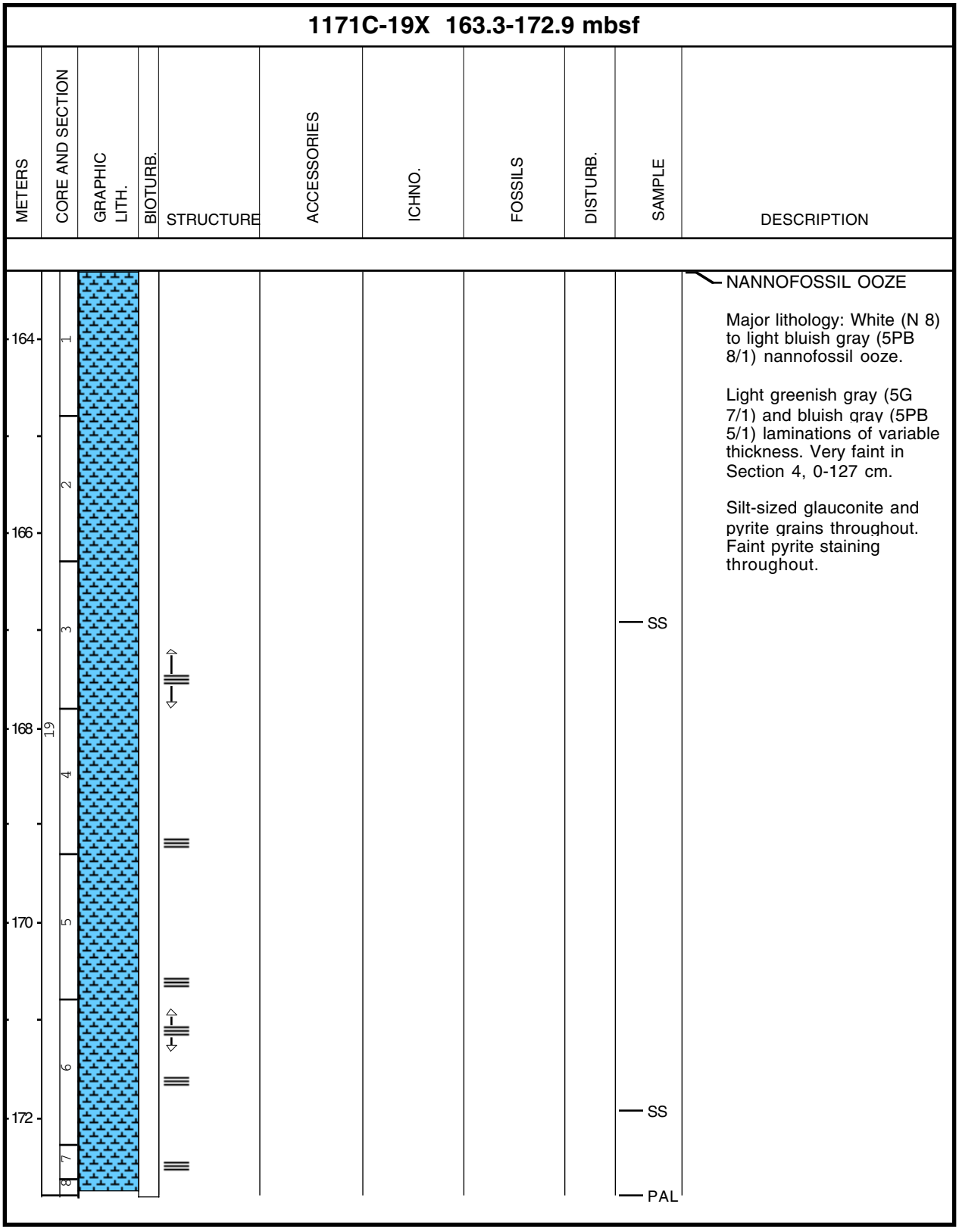
Core Photo


1171C-17X 144.1-153.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
146
148
150
17
1
2
3
4
5
SS
SS
IW
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) to light greenish gray (10Y 8/1) in Section 3 massive foraminifer-bearing nannofossil ooze.
Silt-sized pyrite and glauconite grains scattered throughout.
More indurated intervals in Section 1, 127-132 cm and Section 2; 67-72 cm.

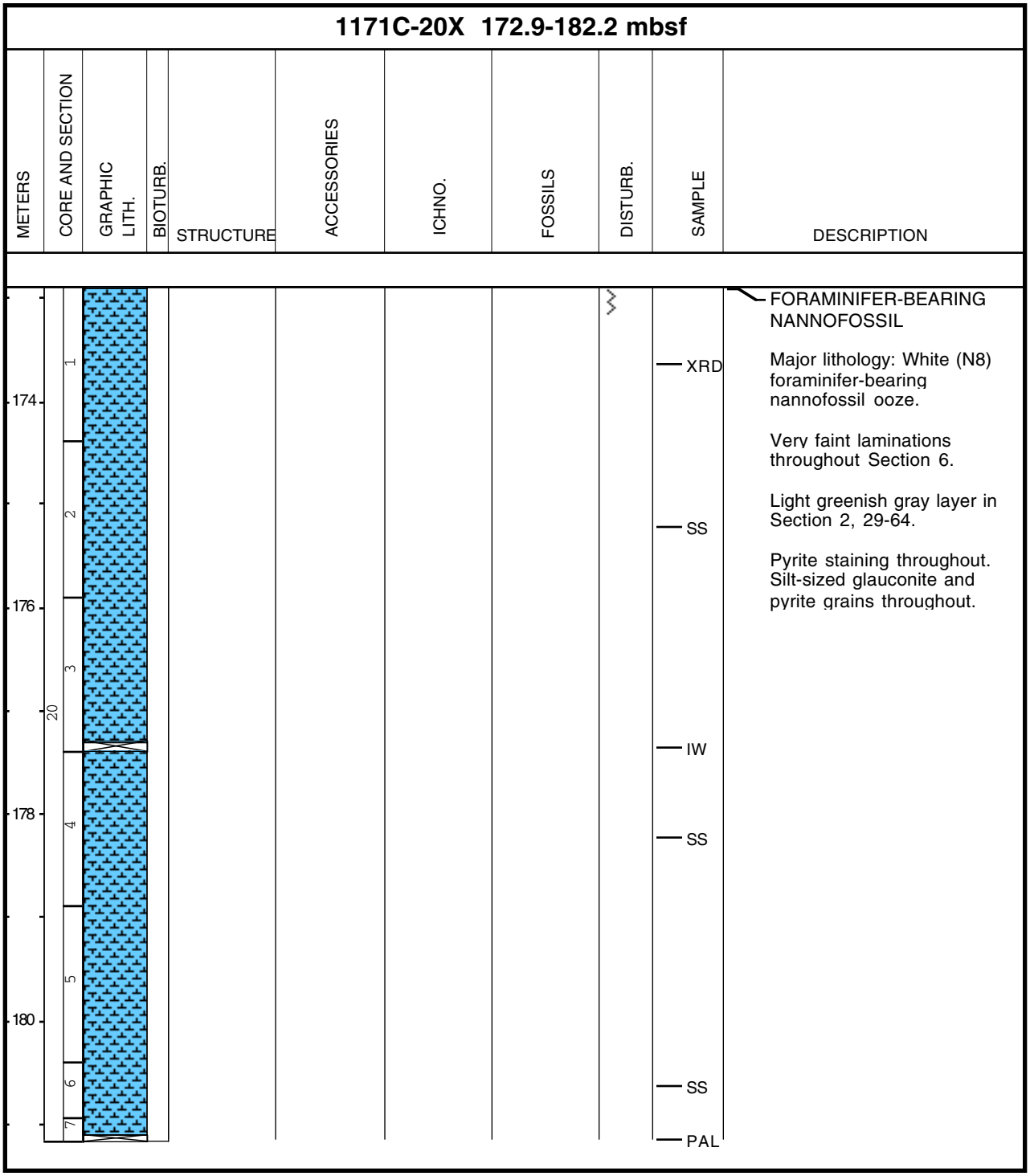
Core Photo


1171C-18X 153.7-163.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
154
156
158
160
162
18
1
2
3
4
5
6
7
8
XRD
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE TO NANNOFOSSIL OOZE
Major lithology: White (N8) foraminifer-bearing nannofossil ooze in Section 2, 75 cm to nannofossil ooze in Section 6, 75 cm.
Silt-sized pyrite and glauconite grains throughout.
Pyrite staining in Section 5, 75-80 cm and 102-110 cm.
Lithified nodules of ooze in Section 1, 51-56 cm; Section 3, 115-126 cm; Section 5,19-24 cm, and Section 6, 83-85 cm.

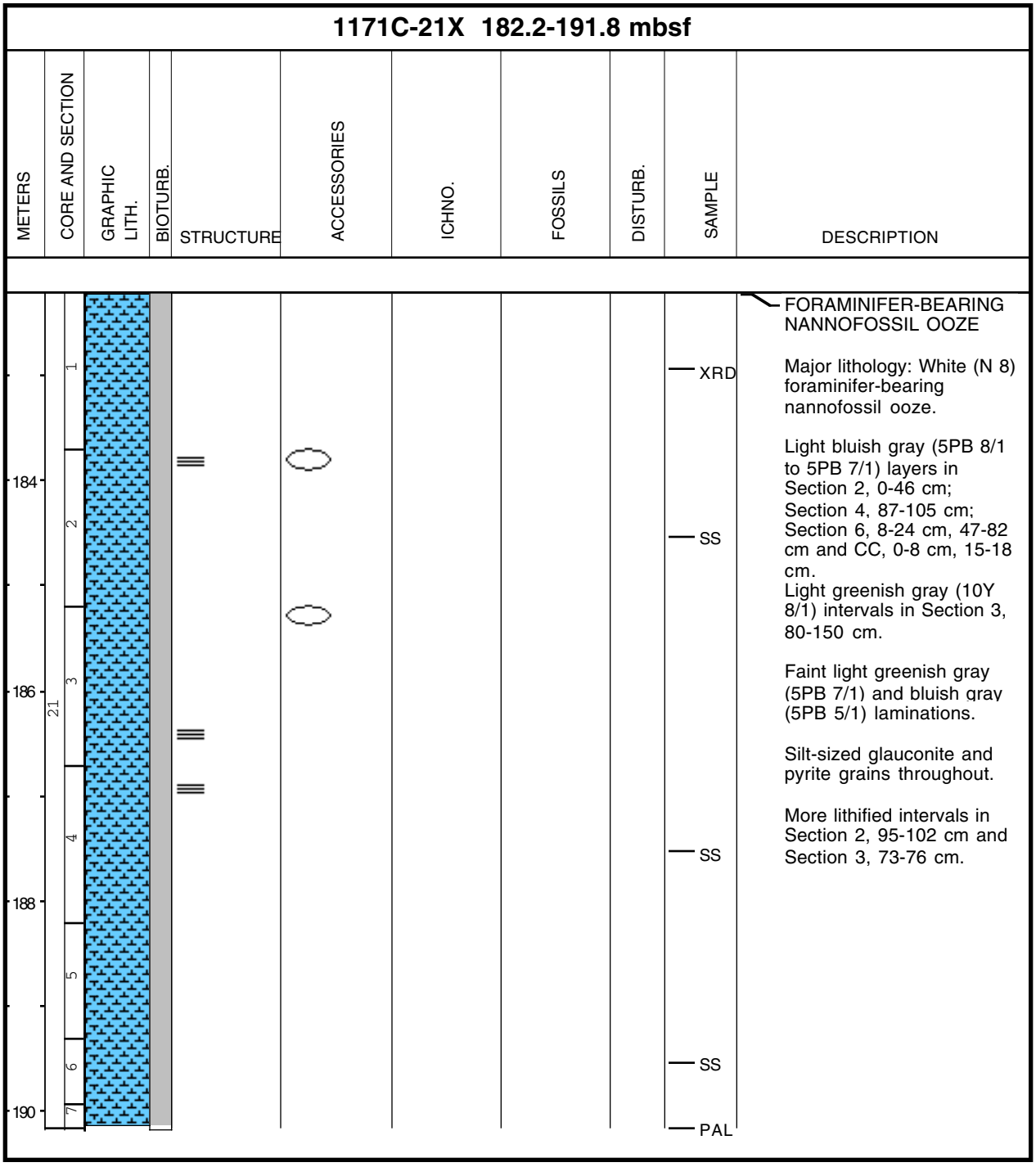
Core Photo


1171C-19X 163.3-172.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
164
166
168
170
172
19
1
2
3
4
5
6
7
8
SS
SS
PAL
NANNOFOSSIL OOZE
Major lithology: White (N 8) to light bluish gray (5PB 8/1) nannofossil ooze.
Light greenish gray (5G 7/1) and bluish gray (5PB 5/1) laminations of variable thickness. Very faint in Section 4, 0-127 cm.
Silt-sized glauconite and pyrite grains throughout. Faint pyrite staining throughout.

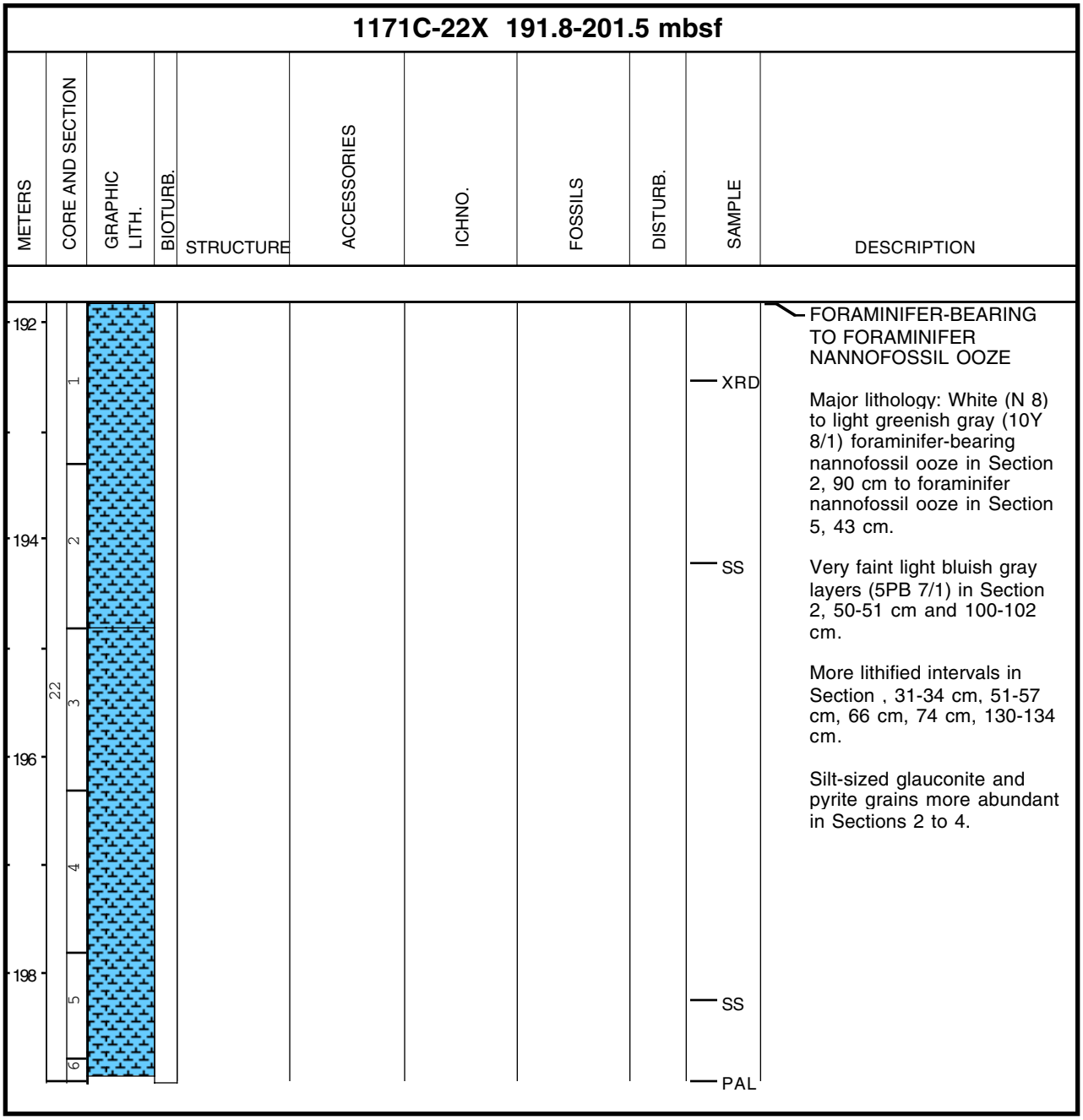
Core Photo


1171C-20X 172.9-182.2 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
174
176
178
180
20
1
2
3
4
5
6
7
XRD
SS
IW
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL
Major lithology: White (N8) foraminifer-bearing nannofossil ooze.
Very faint laminations throughout Section 6.
Light greenish gray layer in Section 2, 29-64.
Pyrite staining throughout. Silt-sized glauconite and pyrite grains throughout.

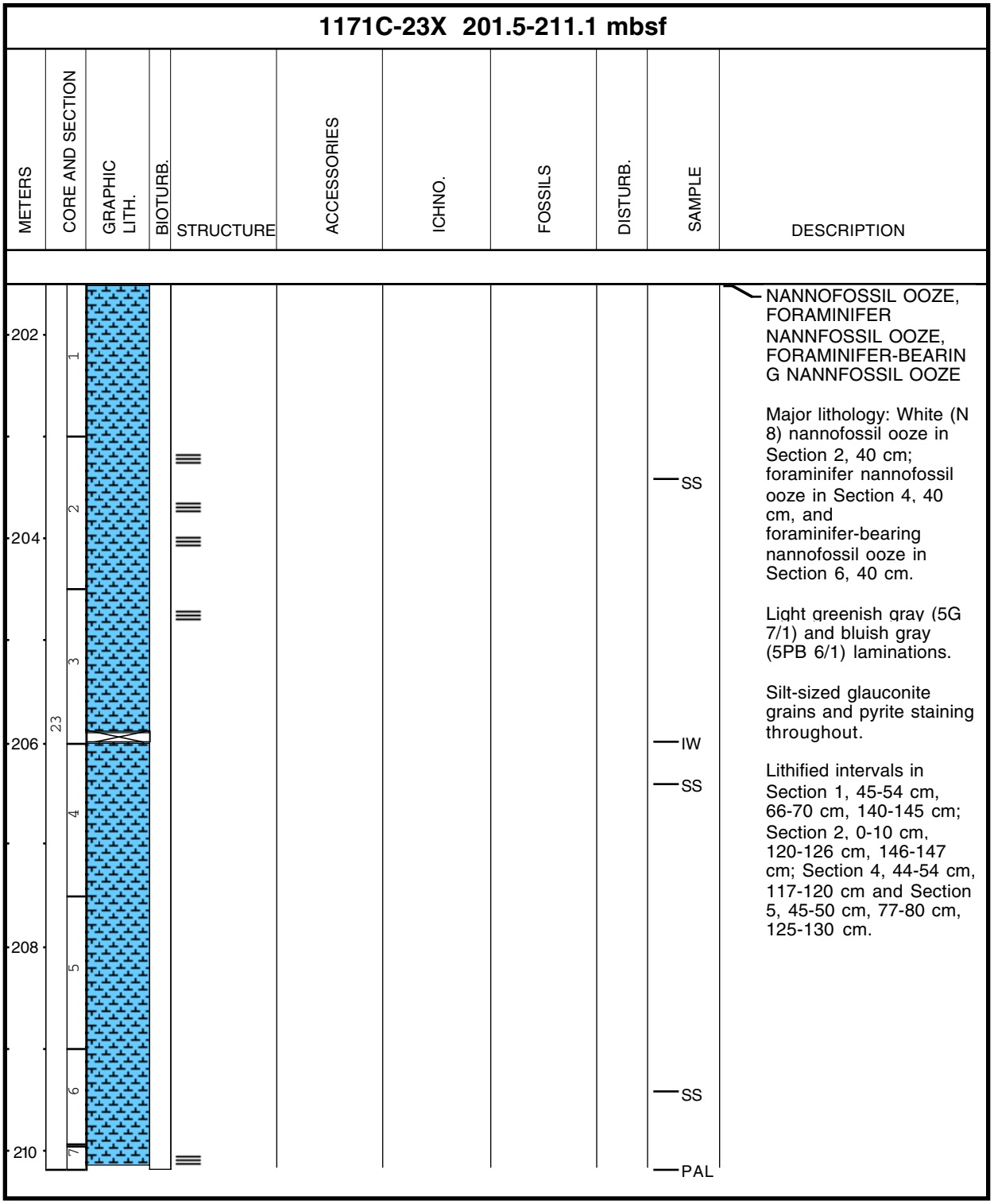
Core Photo


1171C-21X 182.2-191.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
184
186
188
190
21
1
2
3
4
5
6
7
XRD
SS
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL OOZE
Major lithology: White (N 8) foraminifer-bearing nannofossil ooze.
Light bluish gray (5PB 8/1 to 5PB 7/1) layers in Section 2, 0-46 cm; Section 4, 87-105 cm; Section 6, 8-24 cm, 47-82 cm and CC, 0-8 cm, 15-18 cm.
Light greenish gray (10Y 8/1) intervals in Section 3, 80-150 cm.
Faint light greenish gray (5PB 7/1) and bluish gray (5PB 5/1) laminations.
Silt-sized glauconite and pyrite grains throughout.
More lithified intervals in Section 2, 95-102 cm and Section 3, 73-76 cm.

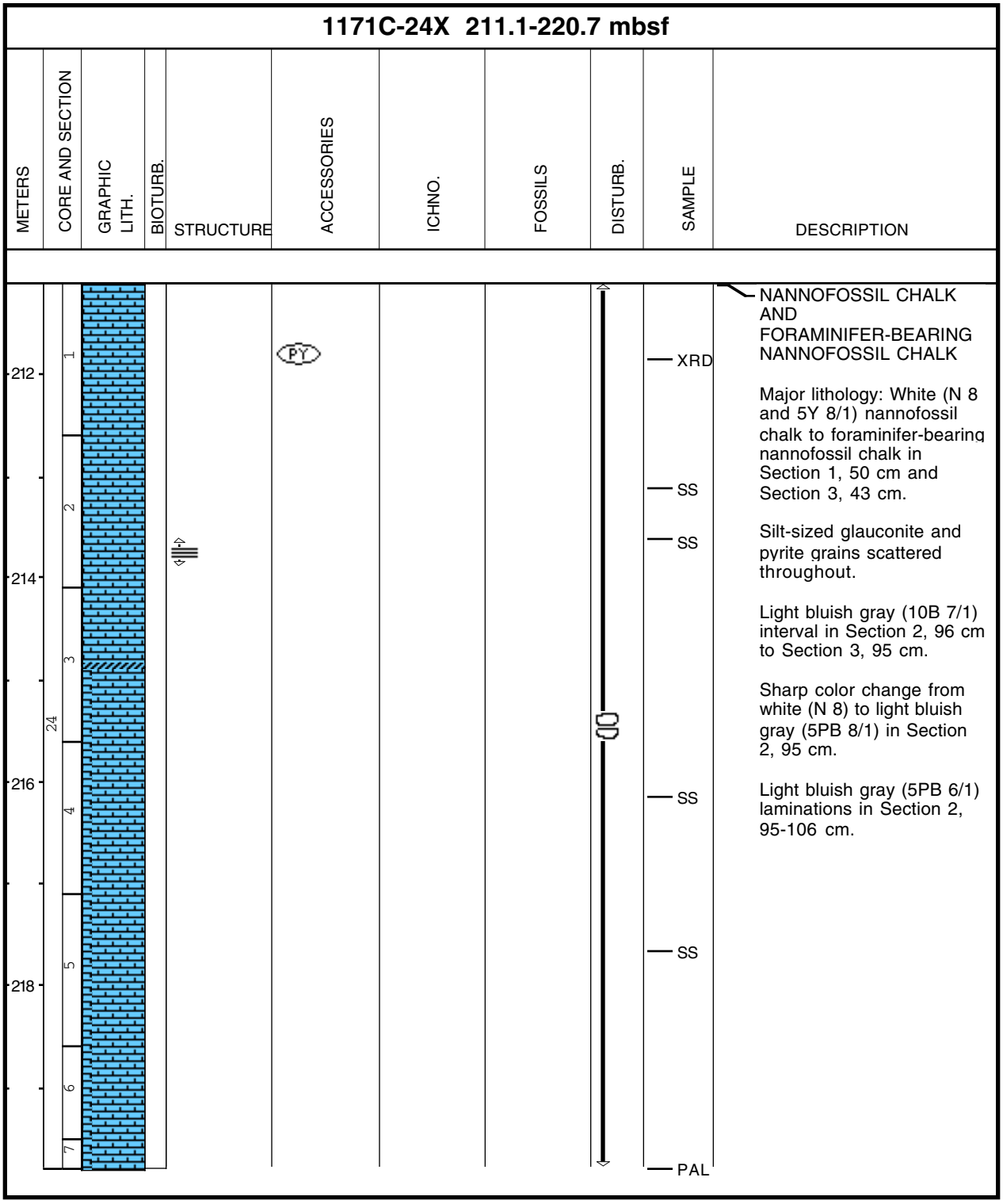
Core Photo


1171C-22X 191.8-201.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
192
194
196
198
22
1
2
3
4
5
6
XRD
SS
SS
PAL
FORAMINIFER-BEARING TO FORAMINIFER NANNOFOSSIL OOZE
Major lithology: White (N 8) to light greenish gray (10Y 8/1) foraminifer-bearing nannofossil ooze in Section 2, 90 cm to foraminifer nannofossil ooze in Section 5, 43 cm.
Very faint light bluish gray layers (5PB 7/1) in Section 2, 50-51 cm and 100-102 cm.
More lithified intervals in Section , 31-34 cm, 51-57 cm, 66 cm, 74 cm, 130-134 cm.
Silt-sized glauconite and pyrite grains more abundant in Sections 2 to 4.

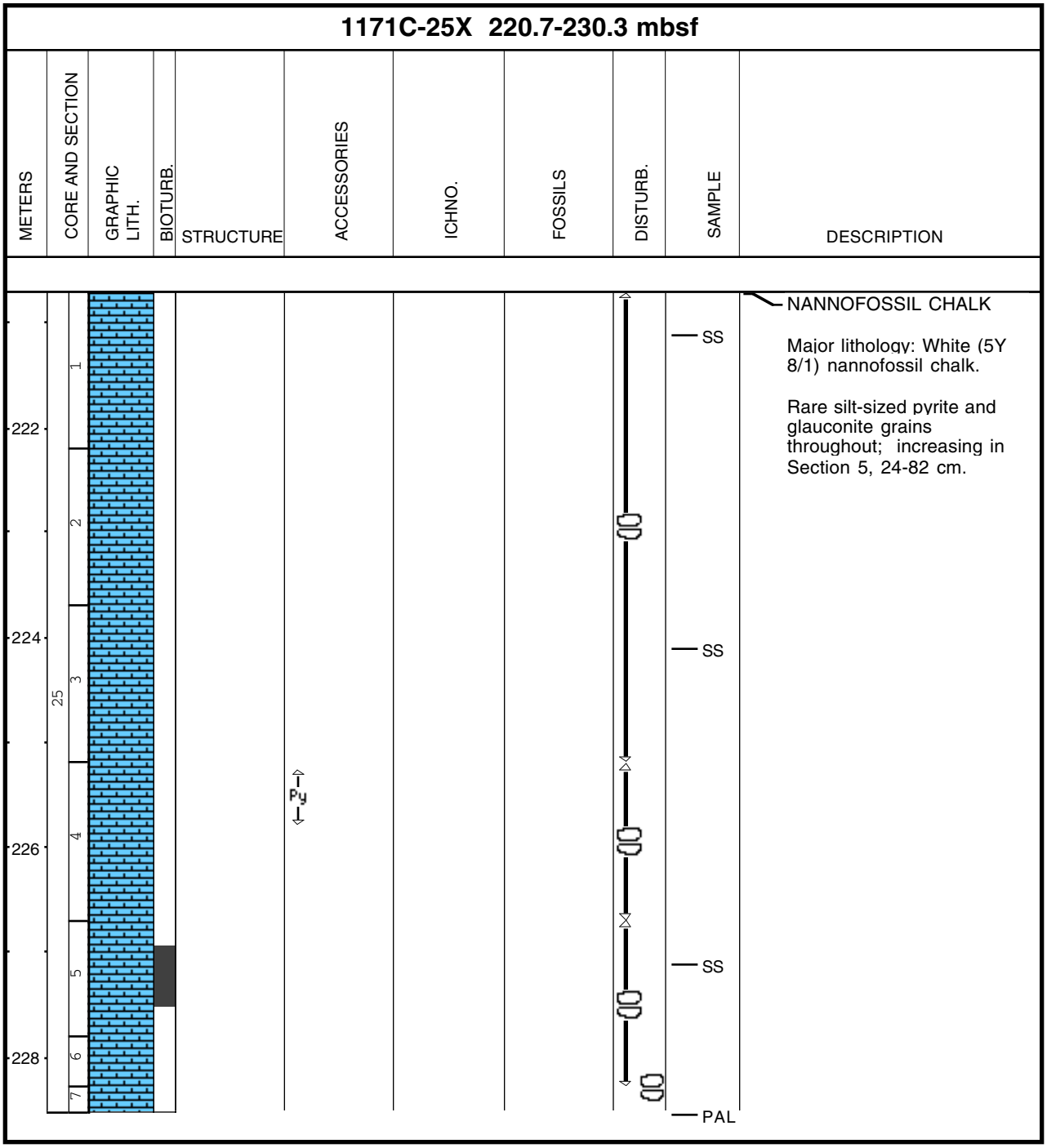
Core Photo


1171C-23X 201.5-211.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
202
204
206
208
210
23
1
2
3
4
5
6
7
SS
IW
SS
SS
PAL
NANNOFOSSIL OOZE, FORAMINIFER NANNFOSSIL OOZE, FORAMINIFER-BEARIN G NANNFOSSIL OOZE
Major lithology: White (N 8) nannofossil ooze in Section 2, 40 cm; foraminifer nannofossil ooze in Section 4, 40 cm, and foraminifer-bearing nannofossil ooze in Section 6, 40 cm.
Light greenish gray (5G 7/1) and bluish gray (5PB 6/1) laminations.
Silt-sized glauconite grains and pyrite staining throughout.
Lithified intervals in Section 1, 45-54 cm, 66-70 cm, 140-145 cm; Section 2, 0-10 cm, 120-126 cm, 146-147 cm; Section 4, 44-54 cm, 117-120 cm and Section 5, 45-50 cm, 77-80 cm, 125-130 cm.

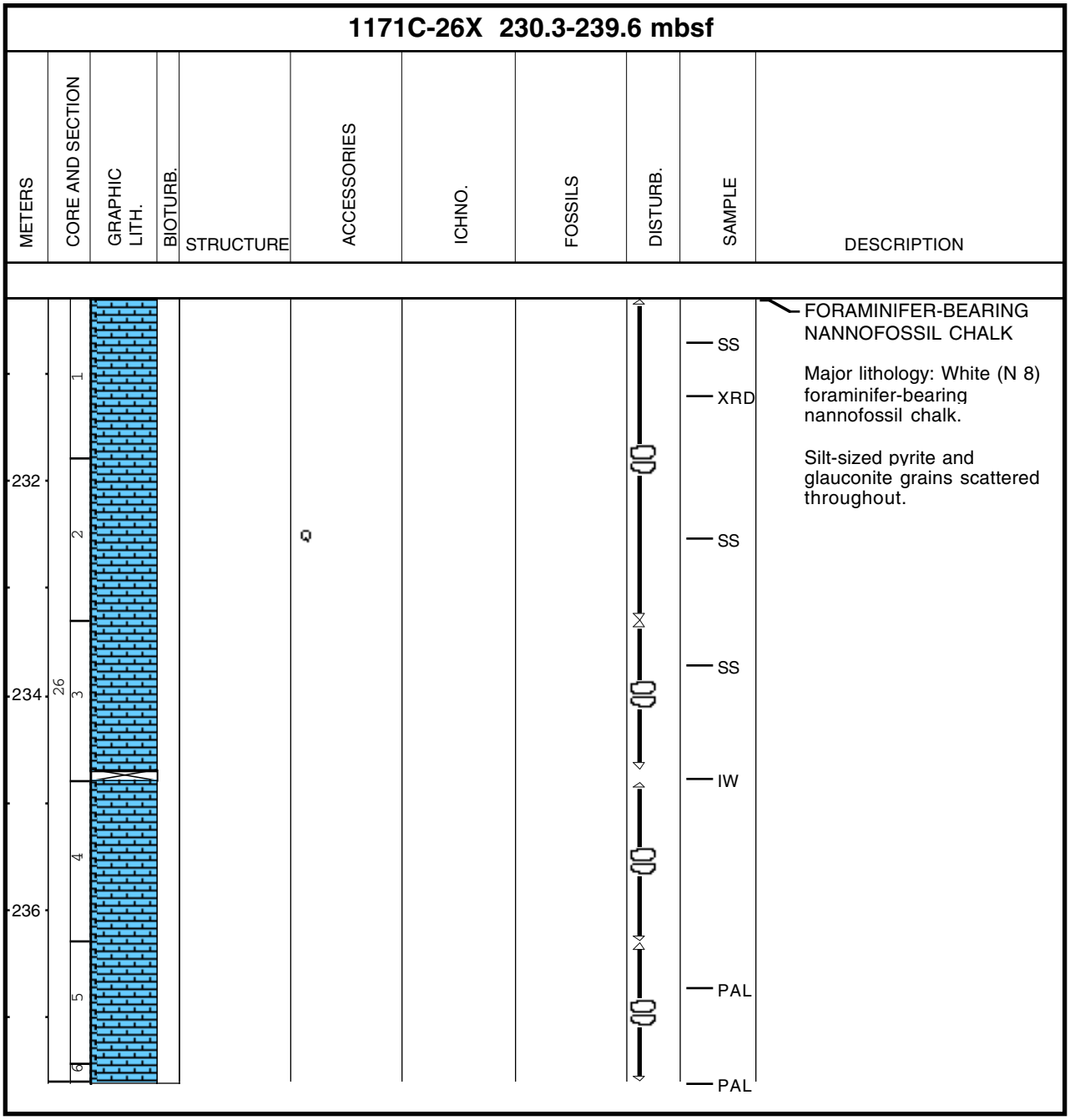
Core Photo


1171C-24X 211.1-220.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
212
214
216
218
24
1
2
3
4
5
6
7
PY
XRD
SS
SS
SS
SS
PAL
NANNOFOSSIL CHALK AND FORAMINIFER-BEARING NANNOFOSSIL CHALK
Major lithology: White (N 8 and 5Y 8/1) nannofossil chalk to foraminifer-bearing nannofossil chalk in Section 1, 50 cm and Section 3, 43 cm.
Silt-sized glauconite and pyrite grains scattered throughout.
Light bluish gray (10B 7/1) interval in Section 2, 96 cm to Section 3, 95 cm.
Sharp color change from white (N 8) to light bluish gray (5PB 8/1) in Section 2, 95 cm.
Light bluish gray (5PB 6/1) laminations in Section 2, 95-106 cm.

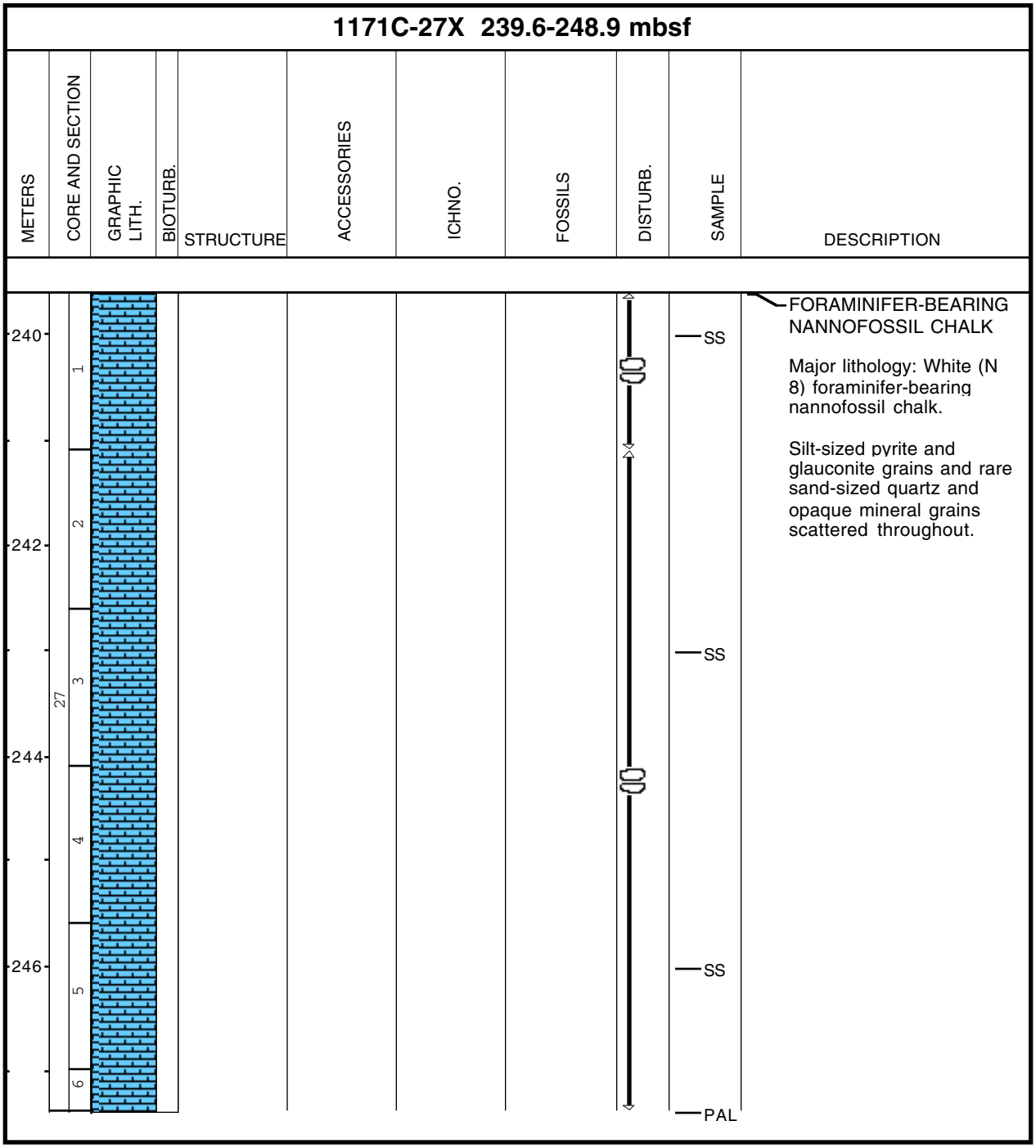
Core Photo


1171C-25X 220.7-230.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
222
224
226
228
25
1
2
3
4
5
6
7
Py
SS
SS
SS
PAL
NANNOFOSSIL CHALK
Major lithology: White (5Y 8/1) nannofossil chalk.
Rare silt-sized pyrite and glauconite grains throughout; increasing in Section 5, 24-82 cm.

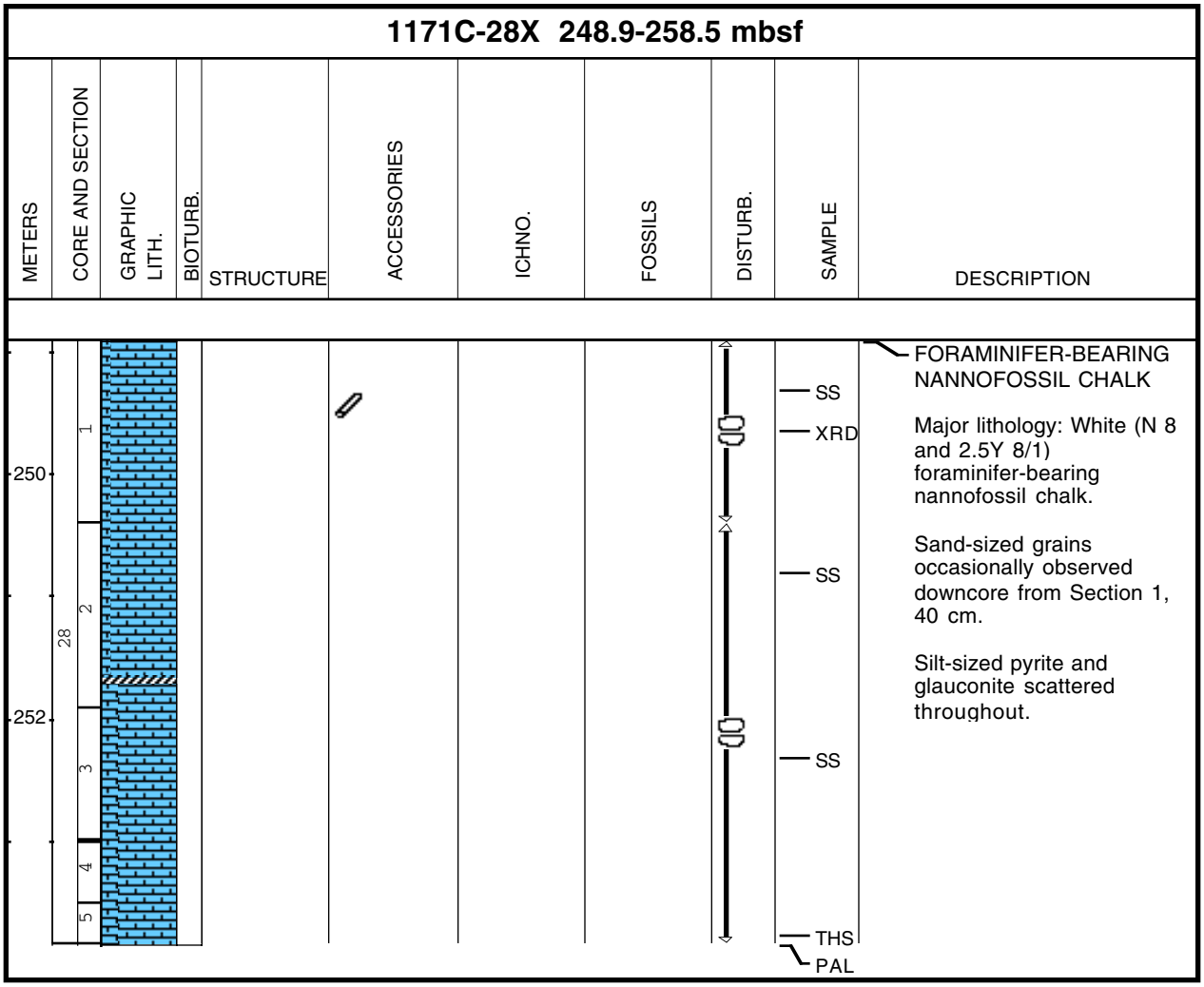
Core Photo


1171C-26X 230.3-239.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
232
234
236
26
1
2
3
4
5
6
SS
XRD
SS
SS
IW
PAL
PAL
FORAMINIFER-BEARING NANNOFOSSIL CHALK
Major lithology: White (N 8) foraminifer-bearing nannofossil chalk.
Silt-sized pyrite and glauconite grains scattered throughout.

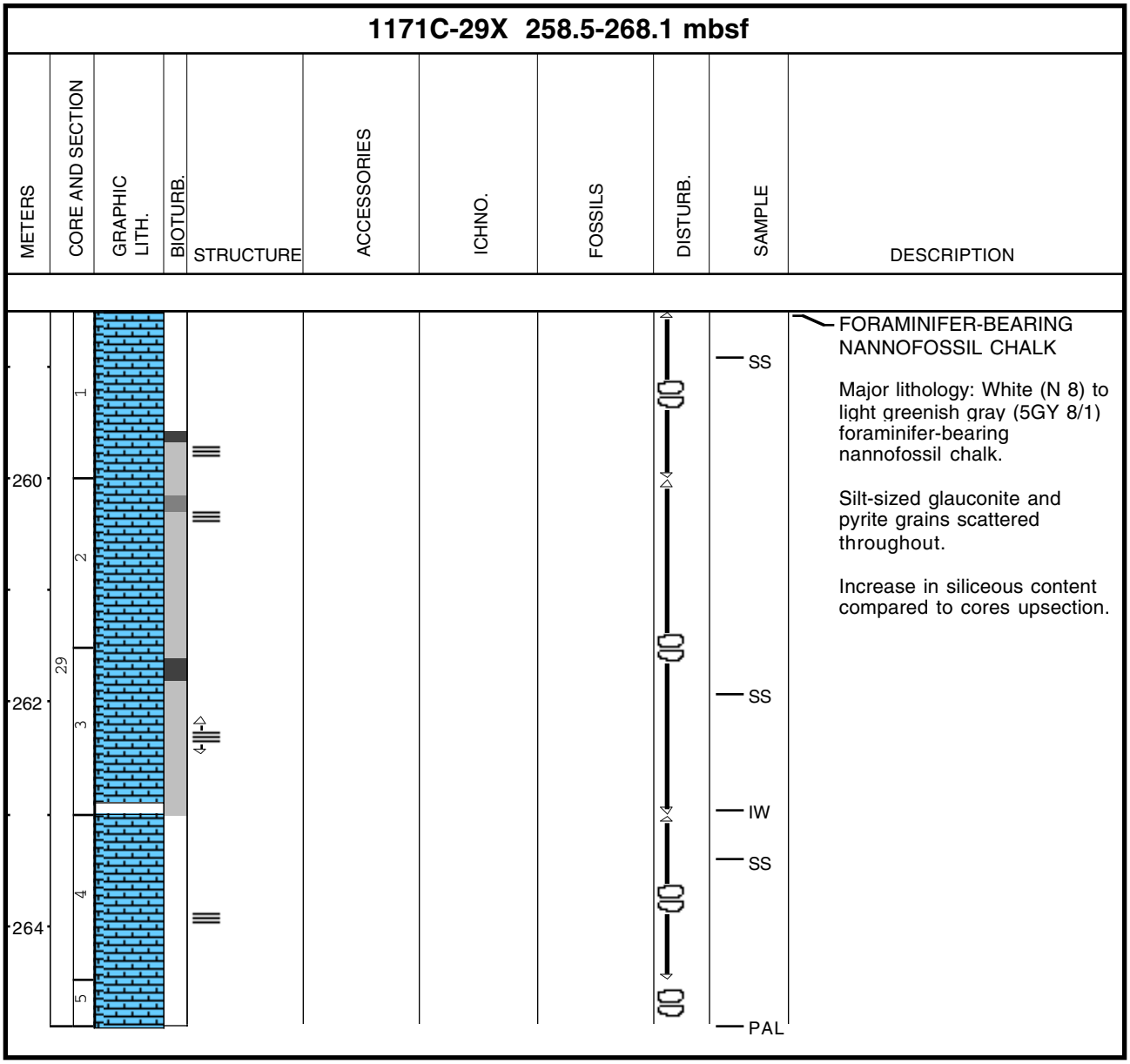
Core Photo


1171C-27X 239.6-248.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
240
242
244
246
27
1
2
3
4
5
6
SS
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL CHALK
Major lithology: White (N 8) foraminifer-bearing nannofossil chalk.
Silt-sized pyrite and glauconite grains and rare sand-sized quartz and opaque mineral grains scattered throughout.

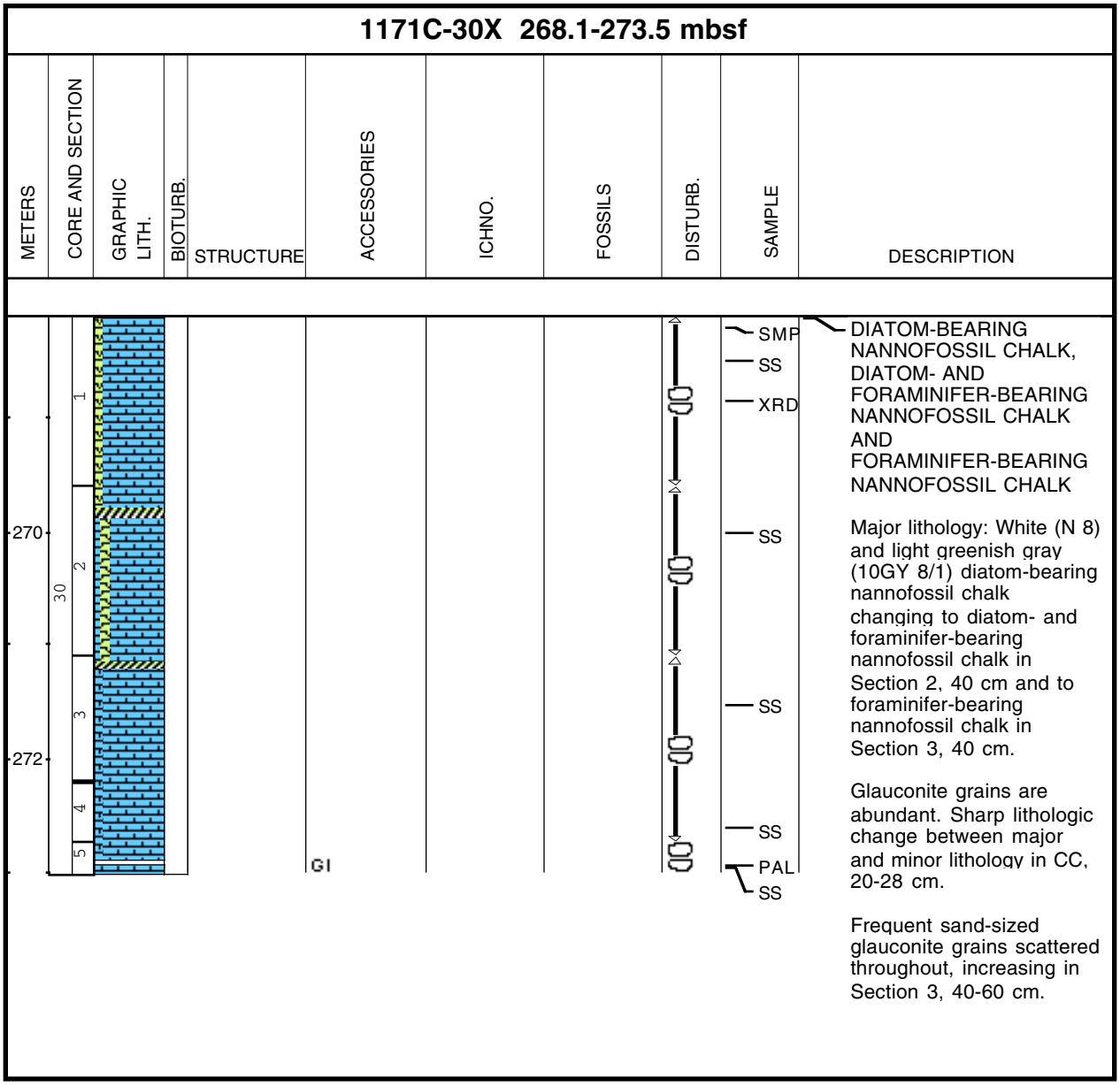
Core Photo


1171C-28X 248.9-258.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
250
252
28
1
2
3
4
5
SS
XRD
SS
SS
THS
PAL
FORAMINIFER-BEARING NANNOFOSSIL CHALK
Major lithology: White (N 8 and 2.5Y 8/1) foraminifer-bearing nannofossil chalk.
Sand-sized grains occasionally observed downcore from Section 1, 40 cm.
Silt-sized pyrite and glauconite scattered throughout.

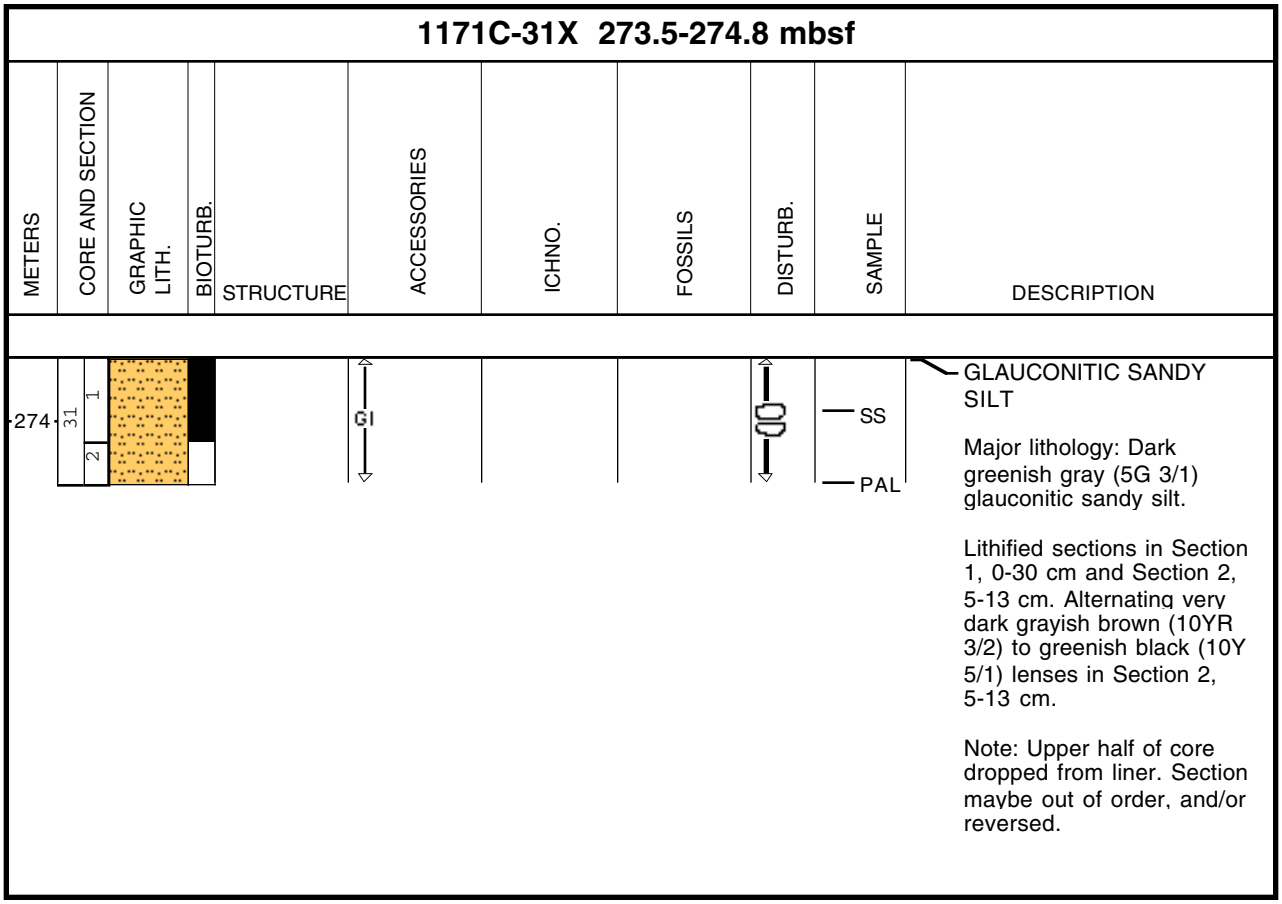
Core Photo


1171C-29X 258.5-268.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
260
262
264
29
1
2
3
4
5
SS
SS
IW
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL CHALK
Major lithology: White (N 8) to light greenish gray (5GY 8/1) foraminifer-bearing nannofossil chalk.
Silt-sized glauconite and pyrite grains scattered throughout.
Increase in siliceous content compared to cores upsection.

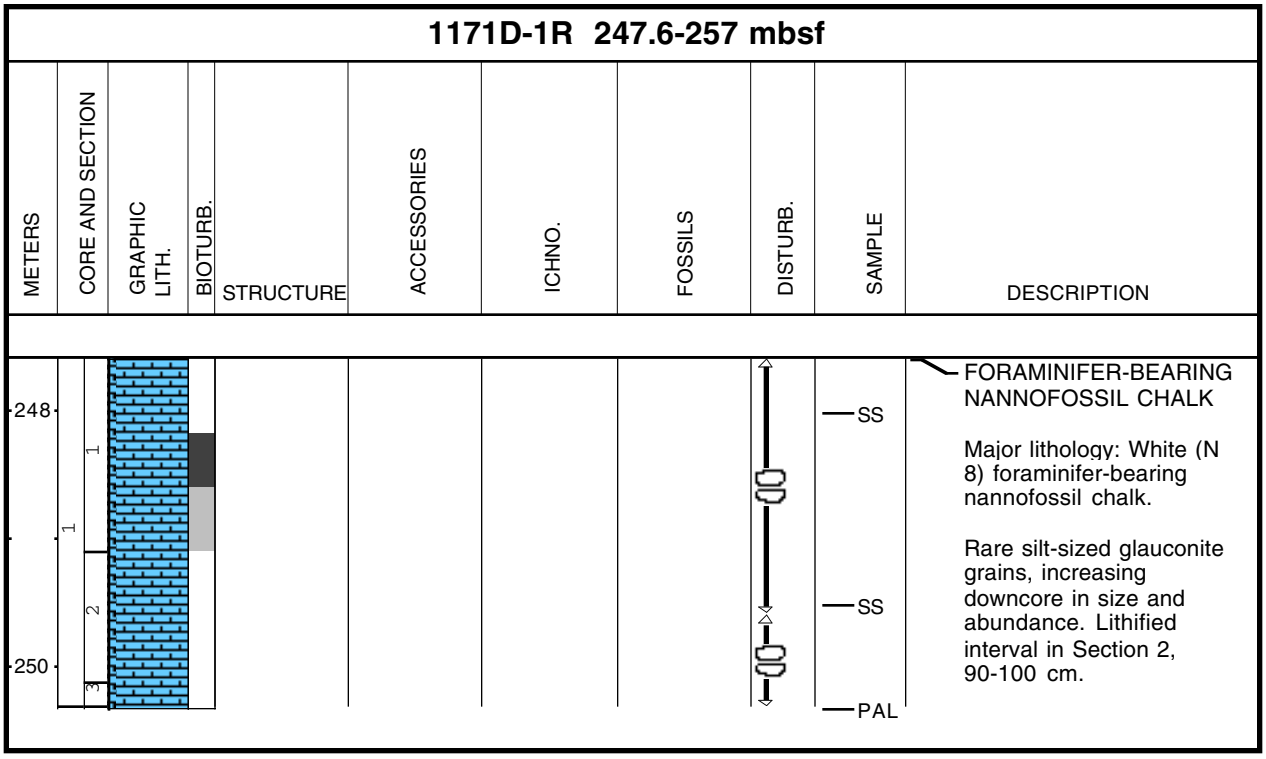
Core Photo


1171C-30X 268.1-273.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
270
272
30
1
2
3
4
5
GI
SMP
SS
XRD
SS
SS
SS
PAL
SS
DIATOM-BEARING NANNOFOSSIL CHALK, DIATOM- AND FORAMINIFER-BEARING NANNOFOSSIL CHALK AND FORAMINIFER-BEARING NANNOFOSSIL CHALK
Major lithology: White (N 8) and light greenish gray (10GY 8/1) diatom-bearing nannofossil chalk changing to diatom- and foraminifer-bearing nannofossil chalk in Section 2, 40 cm and to foraminifer-bearing nannofossil chalk in Section 3, 40 cm.
Glauconite grains are abundant. Sharp lithologic change between major and minor lithology in CC, 20-28 cm.
Frequent sand-sized glauconite grains scattered throughout, increasing in Section 3, 40-60 cm.

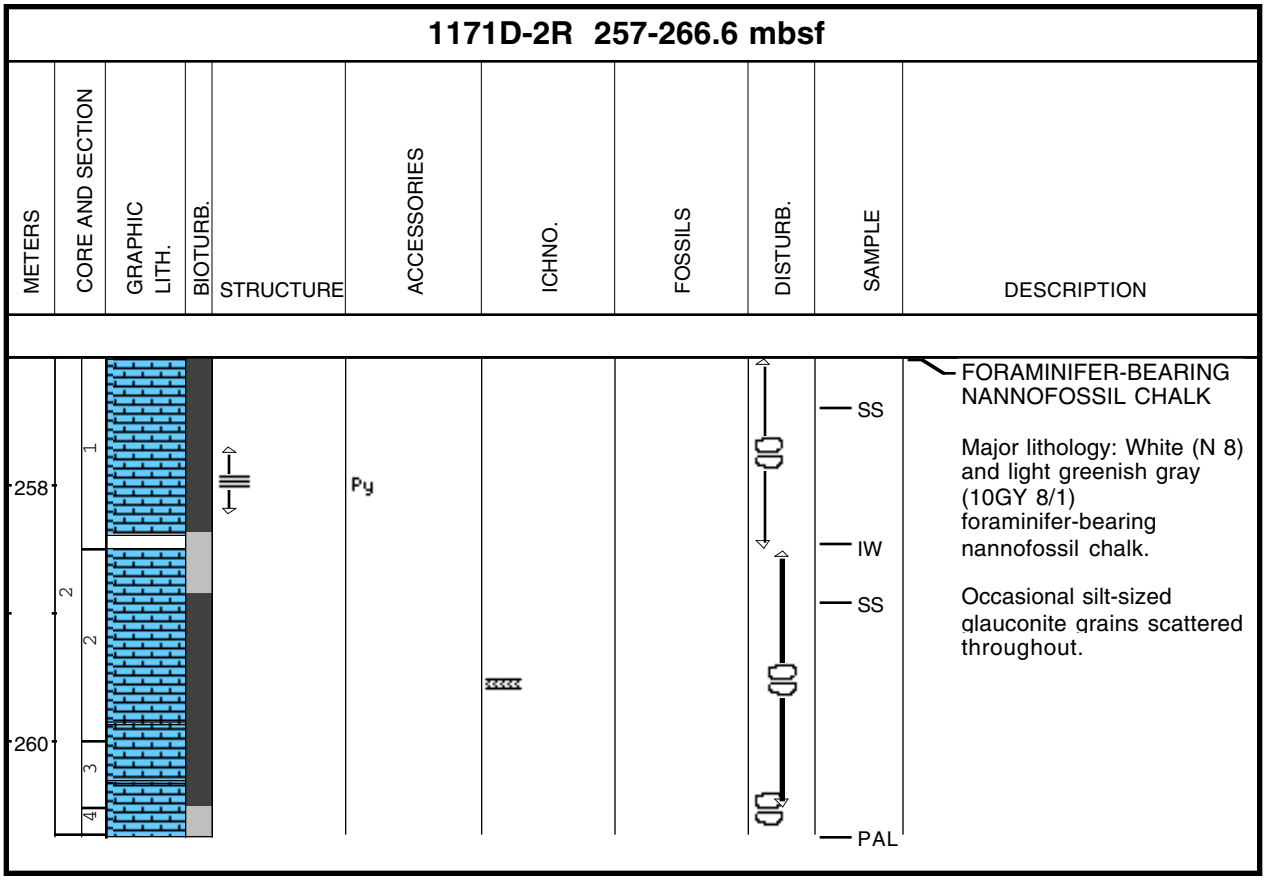
Core Photo


1171C-31X 273.5-274.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
274
31
1
2
GI
SS
PAL
GLAUCONITIC SANDY SILT
Major lithology: Dark greenish gray (5G 3/1) glauconitic sandy silt.
Lithified sections in Section 1, 0-30 cm and Section 2, 5-13 cm. Alternating very dark grayish brown (10YR 3/2) to greenish black (10Y 5/1) lenses in Section 2, 5-13 cm.
Note: Upper half of core dropped from liner. Section maybe out of order, and/or reversed.

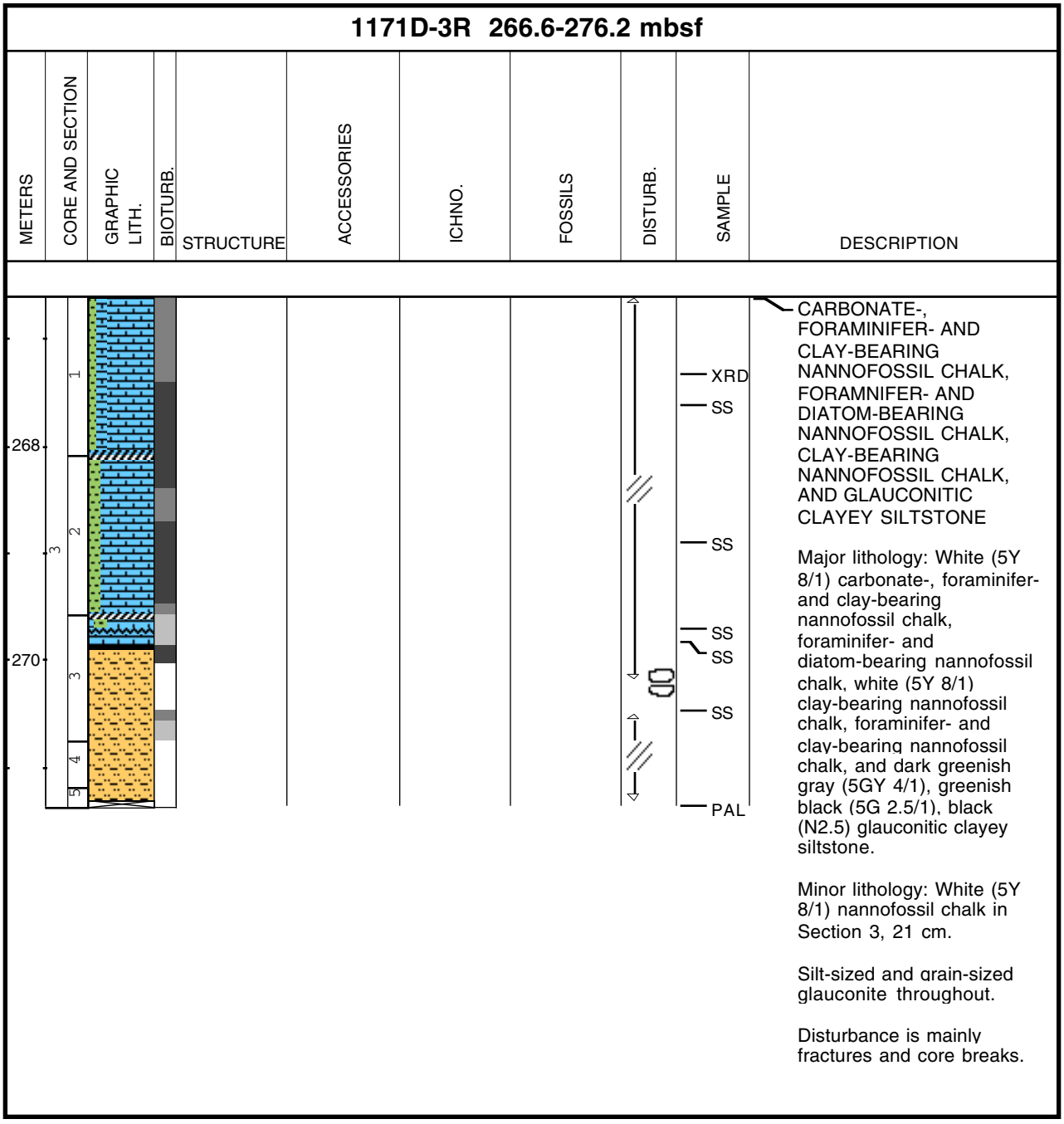
Core Photo


1171D-1R 247.6-257 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
248
250
1
1
2
3
SS
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL CHALK
Major lithology: White (N 8) foraminifer-bearing nannofossil chalk.
Rare silt-sized glauconite grains, increasing downcore in size and abundance. Lithified interval in Section 2, 90-100 cm.

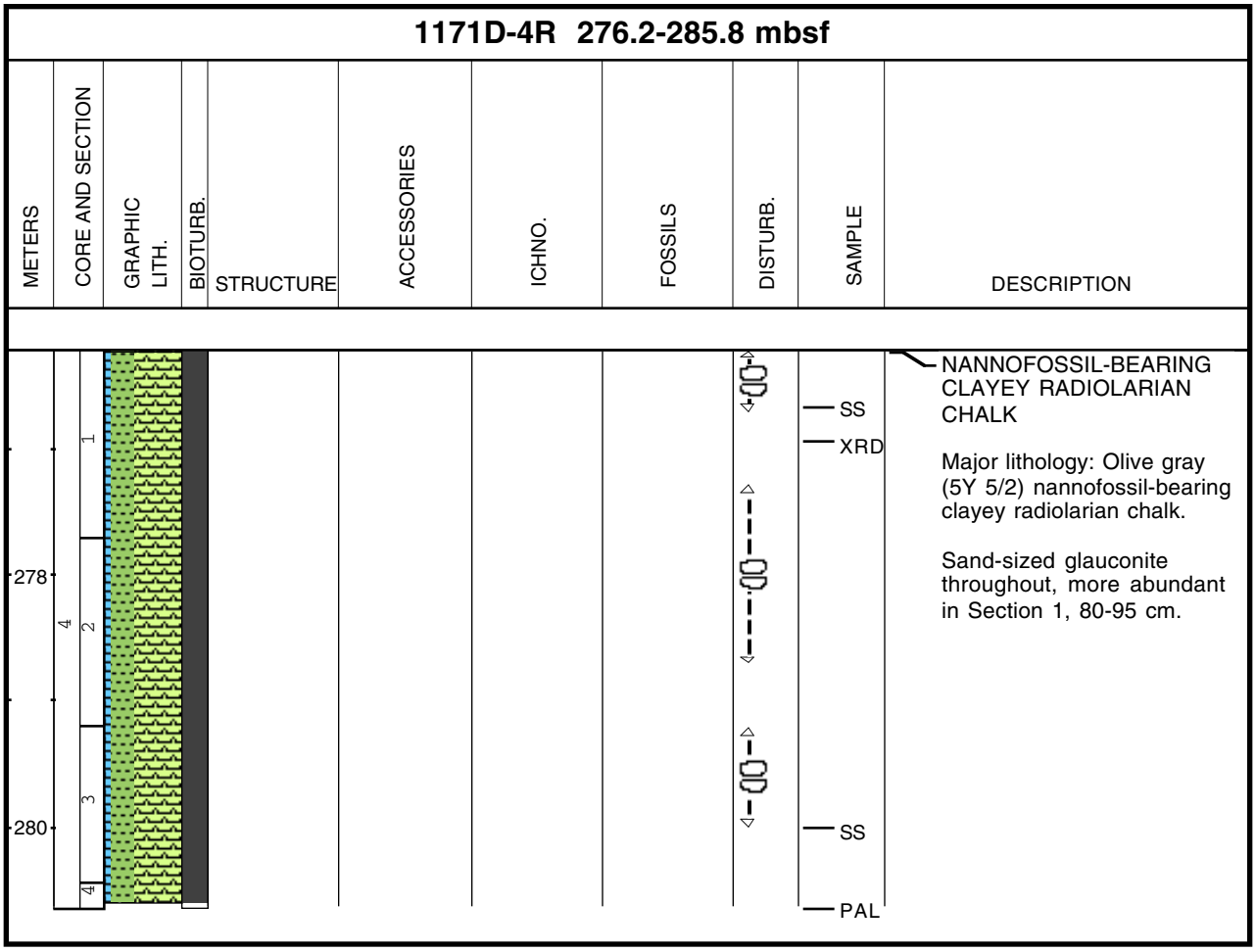
Core Photo


1171D-2R 257-266.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
258
260
1
2
3
4
Py
SS
IW
SS
PAL
FORAMINIFER-BEARING NANNOFOSSIL CHALK
Major lithology: White (N 8) and light greenish gray (10GY 8/1) foraminifer-bearing nannofossil chalk.
Occasional silt-sized glauconite grains scattered throughout.

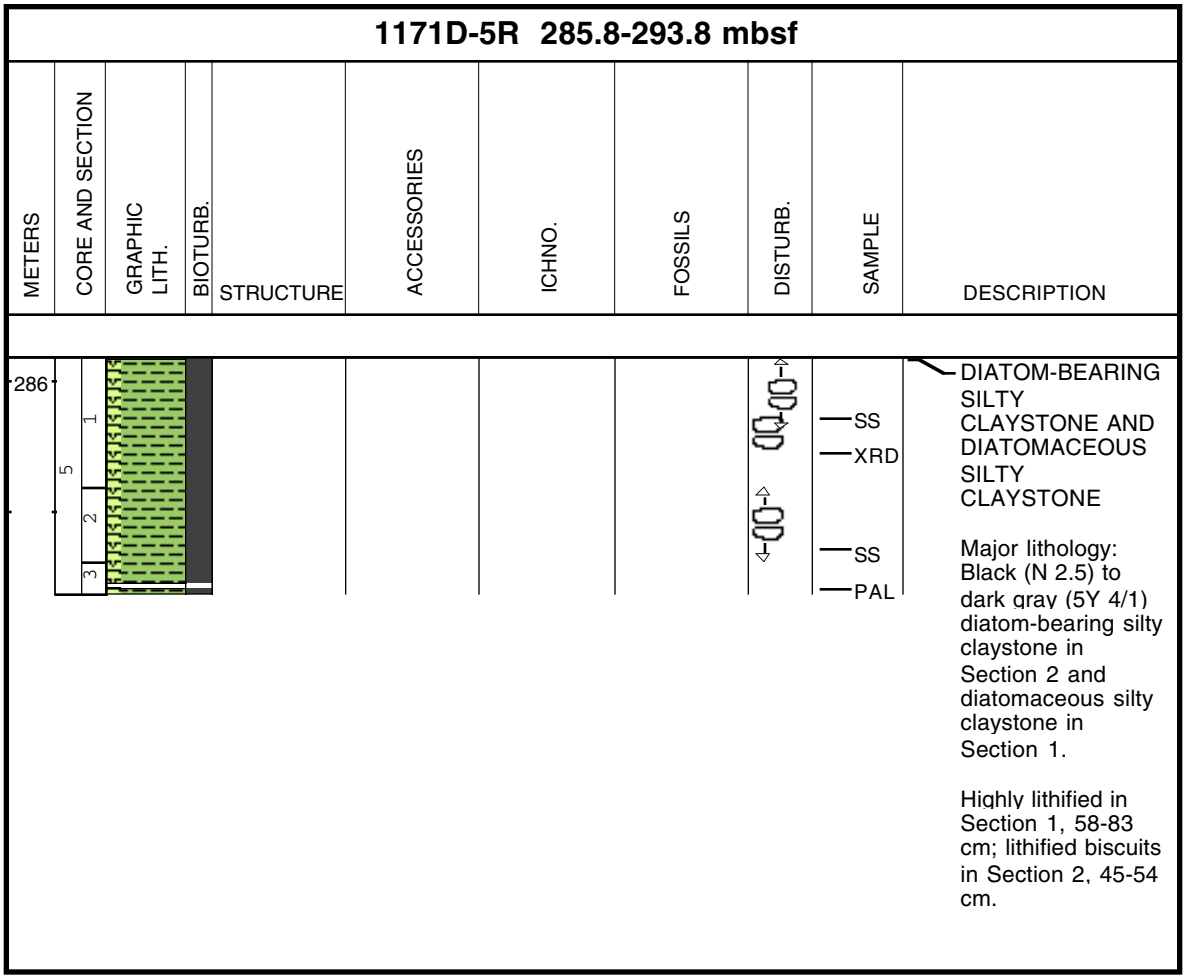
Core Photo


1171D-3R 266.6-276.2 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
268
270
1
2
3
4
5
XRD
SS
SS
SS
SS
SS
PAL
CARBONATE-, FORAMINIFER- AND CLAY-BEARING NANNOFOSSIL CHALK, FORAMNIFER- AND DIATOM-BEARING NANNOFOSSIL CHALK, CLAY-BEARING NANNOFOSSIL CHALK, AND GLAUCONITIC CLAYEY SILTSTONE
Major lithology: White (5Y 8/1) carbonate-, foraminifer- and clay-bearing nannofossil chalk, foraminifer- and diatom-bearing nannofossil chalk, white (5Y 8/1) clay-bearing nannofossil chalk, foraminifer- and clay-bearing nannofossil chalk, and dark greenish gray (5GY 4/1), greenish black (5G 2.5/1), black (N2.5) glauconitic clayey siltstone.
Minor lithology: White (5Y 8/1) nannofossil chalk in Section 3, 21 cm.
Silt-sized and grain-sized glauconite throughout.
Disturbance is mainly fractures and core breaks.

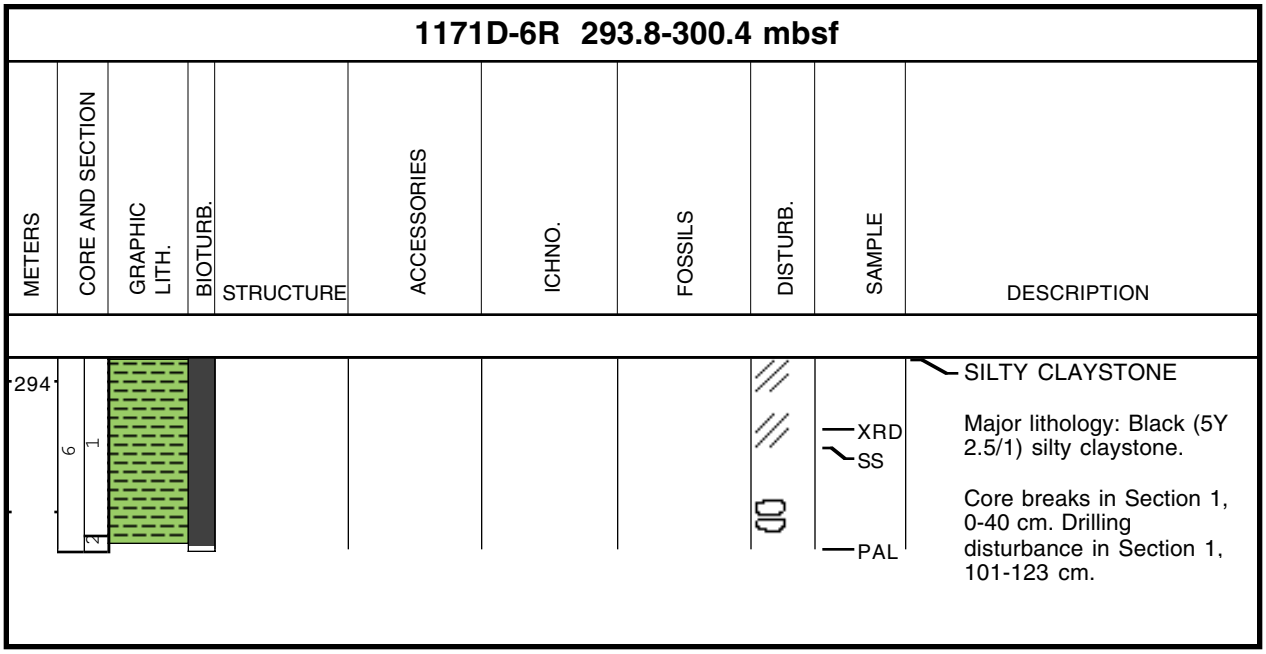
Core Photo


1171D-4R 276.2-285.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
278
280
1
2
3
4
4
SS
XRD
SS
PAL
NANNOFOSSIL-BEARING CLAYEY RADIOLARIAN CHALK
Major lithology: Olive gray (5Y 5/2) nannofossil-bearing clayey radiolarian chalk.
Sand-sized glauconite throughout, more abundant in Section 1, 80-95 cm.

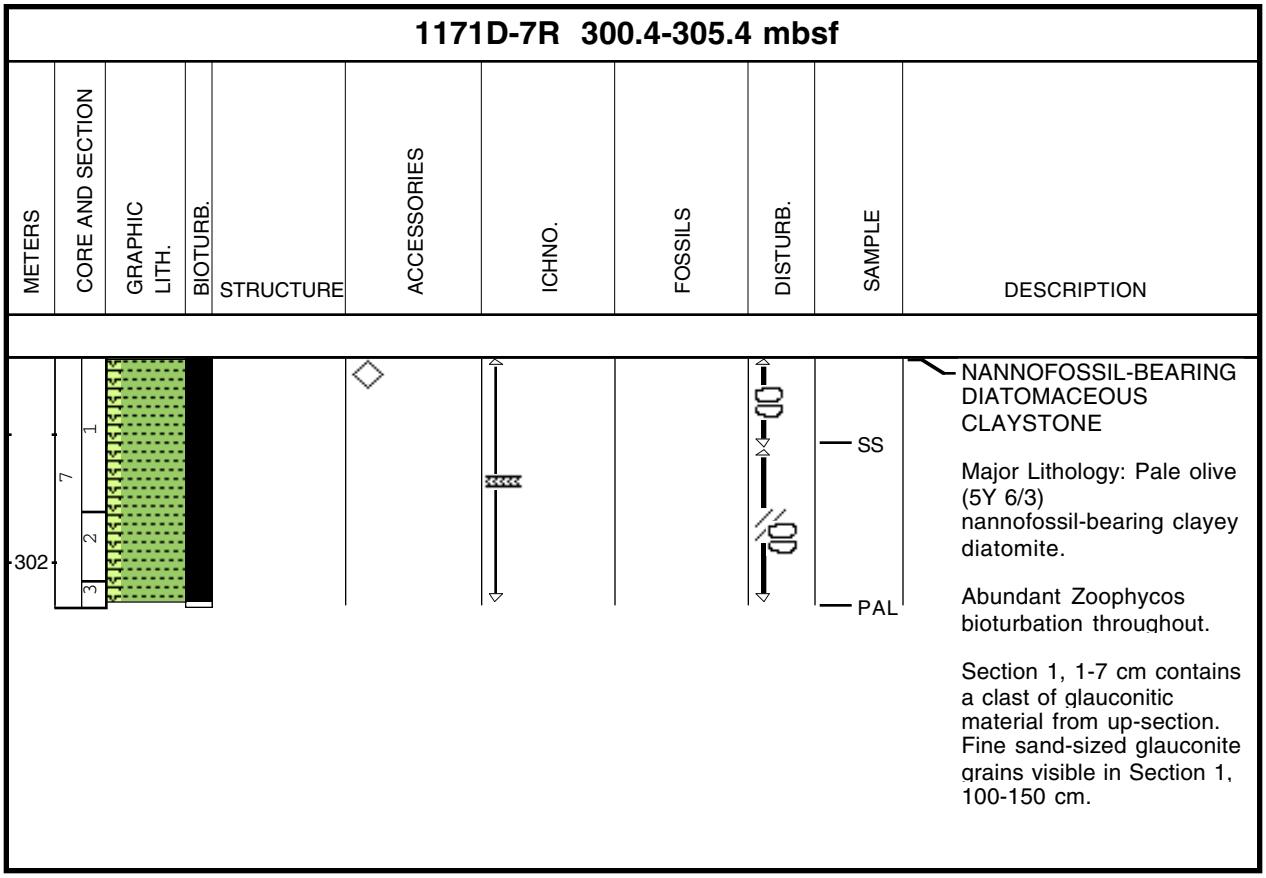
Core Photo


1171D-5R 285.8-293.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
286
5
1
2
3
SS
XRD
SS
PAL
DIATOM-BEARING SILTY CLAYSTONE AND DIATOMACEOUS SILTY CLAYSTONE
Major lithology: Black (N 2.5) to dark gray (5Y 4/1) diatom-bearing silty claystone in Section 2 and diatomaceous silty claystone in Section 1.
Highly lithified in Section 1, 58-83 cm; lithified biscuits in Section 2, 45-54 cm.

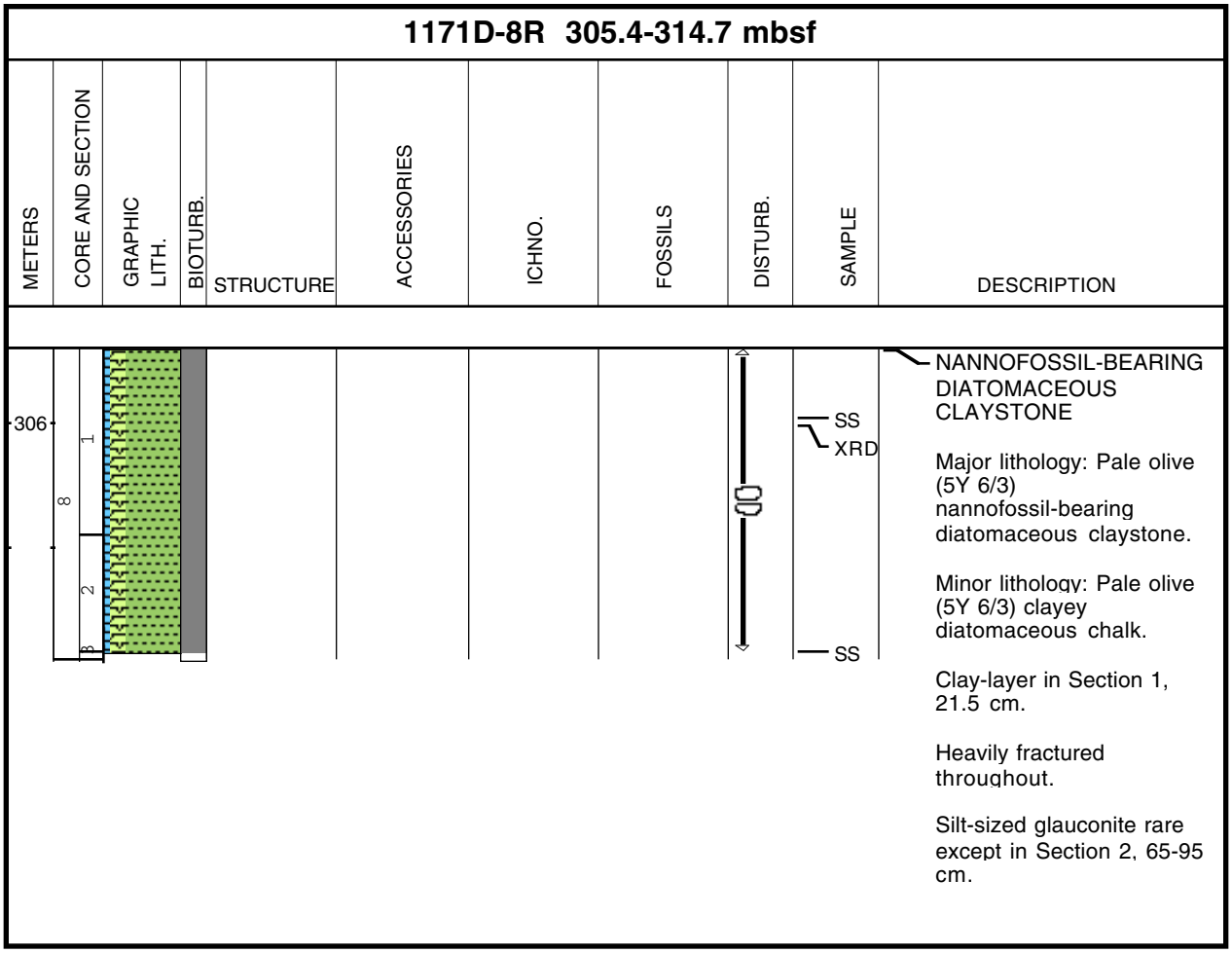
Core Photo


1171D-6R 293.8-300.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
294
6
1
XRD
SS
PAL
SILTY CLAYSTONE
Major lithology: Black (5Y 2.5/1) silty claystone.
Core breaks in Section 1, 0-40 cm. Drilling disturbance in Section 1, 101-123 cm.

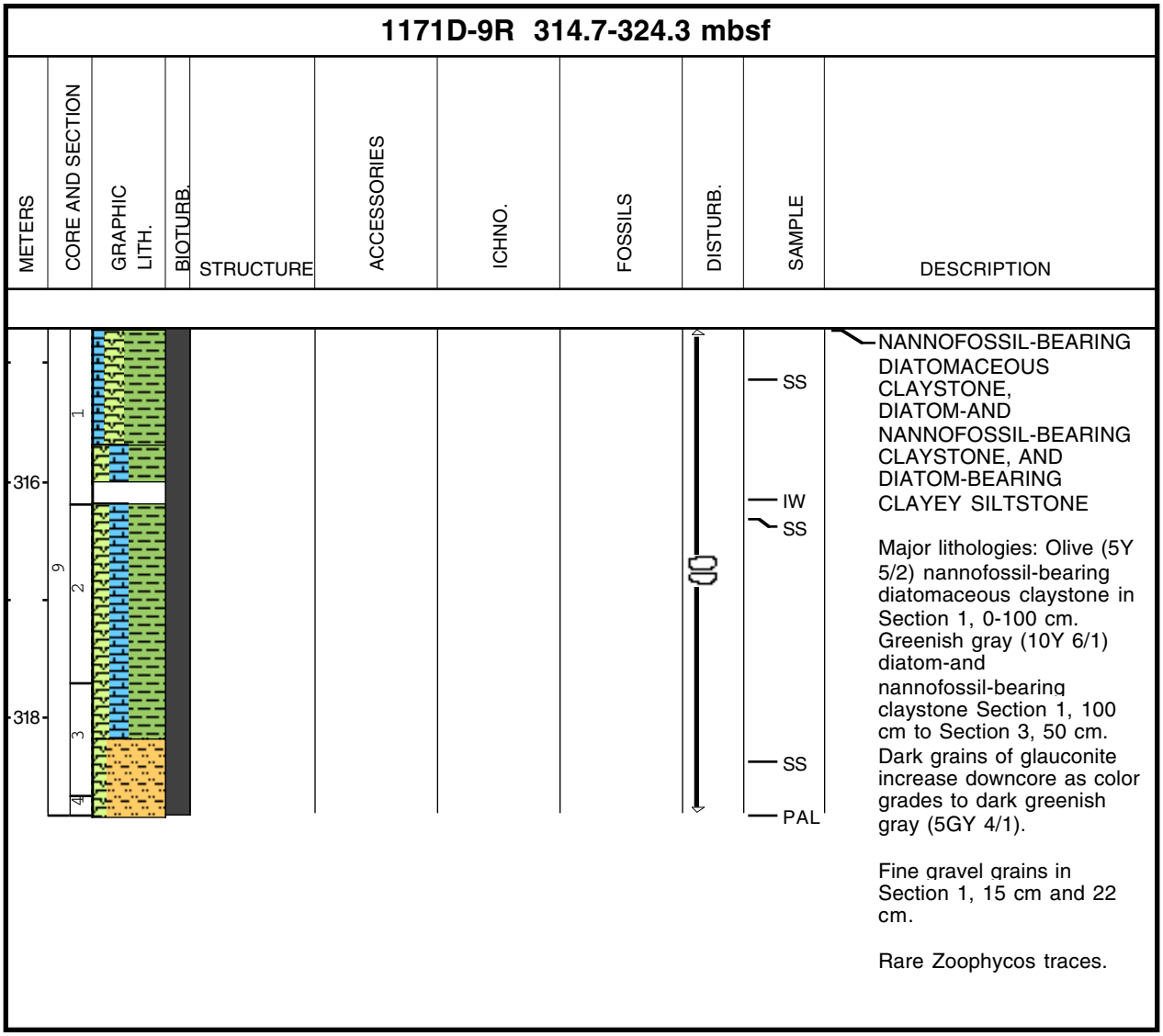
Core Photo


1171D-7R 300.4-305.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
302
7
1
2
3
SS
PAL
NANNOFOSSIL-BEARING DIATOMACEOUS CLAYSTONE
Major Lithology: Pale olive (5Y 6/3) nannofossil-bearing clayey diatomite.
Abundant Zoophycos bioturbation throughout.
Section 1, 1-7 cm contains a clast of glauconitic material from up-section. Fine sand-sized glauconite grains visible in Section 1, 100-150 cm.

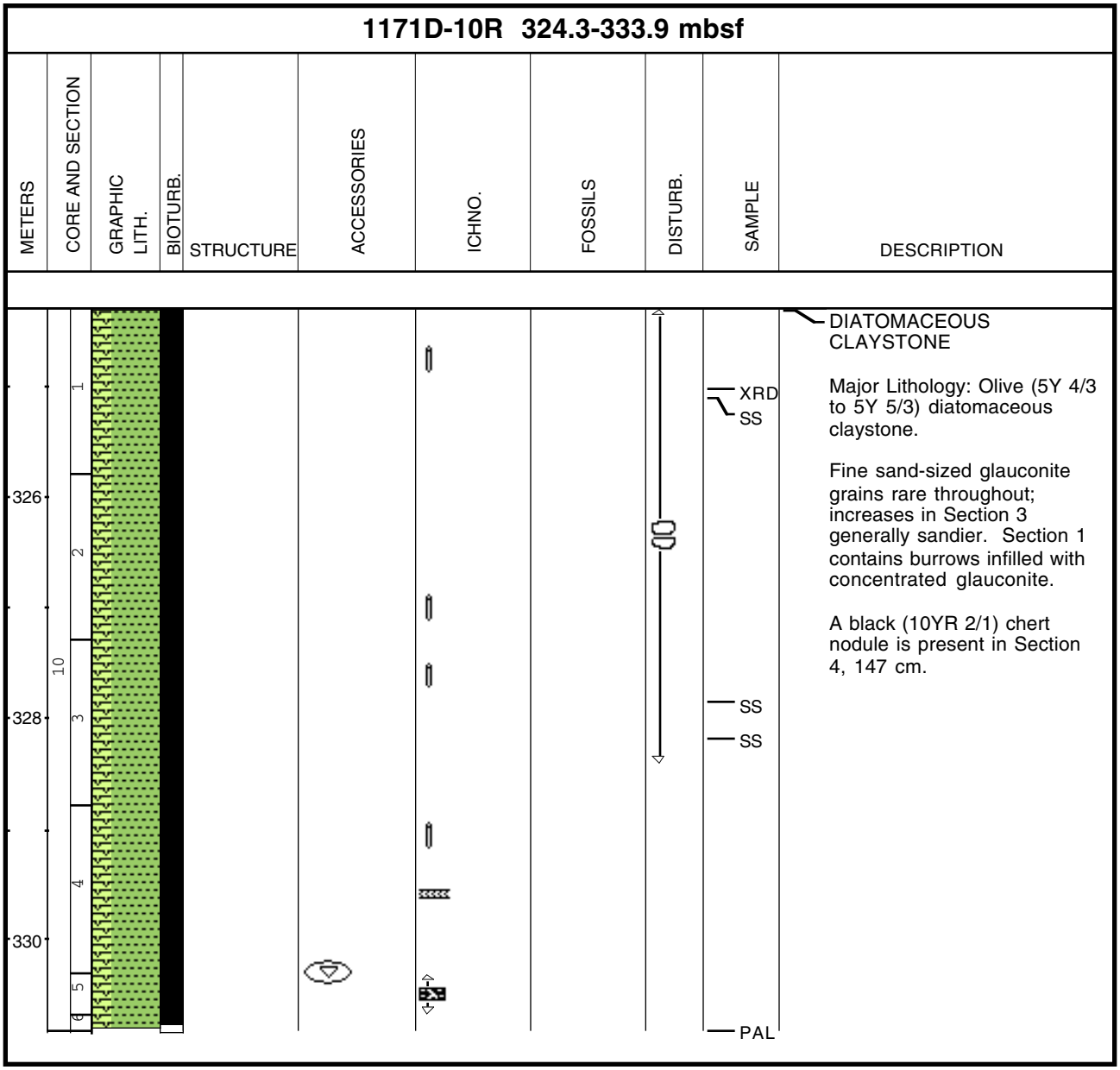
Core Photo


1171D-8R 305.4-314.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
306
1
2
CC
SS
XRD
SS
NANNOFOSSIL-BEARING DIATOMACEOUS CLAYSTONE
Major lithology: Pale olive (5Y 6/3) nannofossil-bearing diatomaceous claystone.
Minor lithology: Pale olive (5Y 6/3) clayey diatomaceous chalk.
Clay-layer in Section 1, 21.5 cm.
Heavily fractured throughout.
Silt-sized glauconite rare except in Section 2, 65-95 cm.

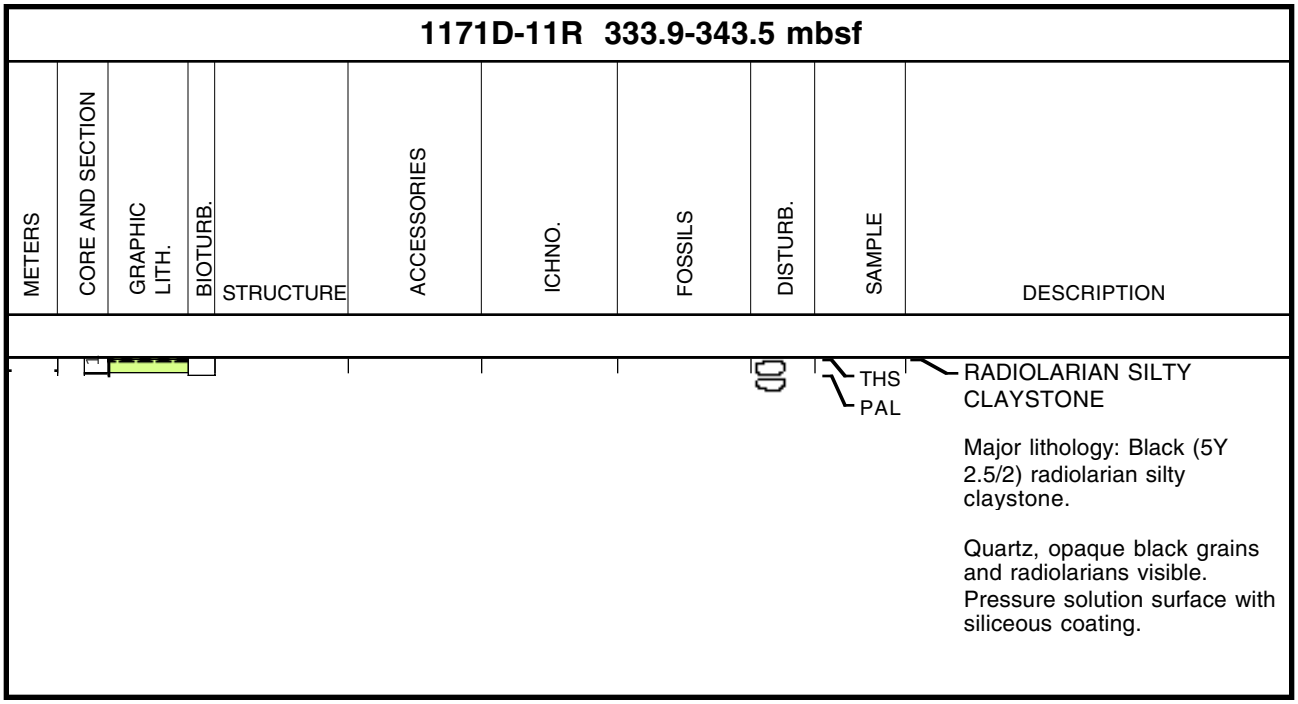
Core Photo


1171D-9R 314.7-324.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
316
318
1
2
3
4
9
SS
IW
SS
SS
PAL
NANNOFOSSIL-BEARING DIATOMACEOUS CLAYSTONE, DIATOM-AND NANNOFOSSIL-BEARING CLAYSTONE, AND DIATOM-BEARING CLAYEY SILTSTONE
Major lithologies: Olive (5Y 5/2) nannofossil-bearing diatomaceous claystone in Section 1, 0-100 cm. Greenish gray (10Y 6/1) diatom-and nannofossil-bearing claystone Section 1, 100 cm to Section 3, 50 cm. Dark grains of glauconite increase downcore as color grades to dark greenish gray (5GY 4/1).
Fine gravel grains in Section 1, 15 cm and 22 cm.
Rare Zoophycos traces.

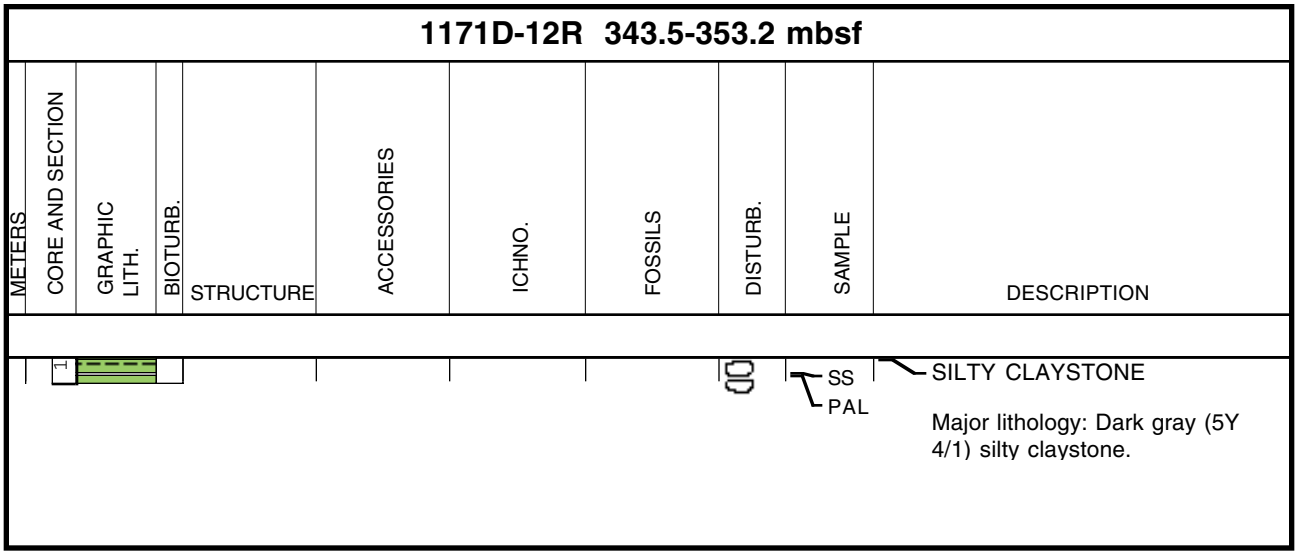
Core Photo


1171D-10R 324.3-333.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
326
328
330
10
1
2
3
4
5
CC
XRD
SS
SS
SS
PAL
DIATOMACEOUS CLAYSTONE
Major Lithology: Olive (5Y 4/3 to 5Y 5/3) diatomaceous claystone.
Fine sand-sized glauconite grains rare throughout; increases in Section 3 generally sandier. Section 1 contains burrows infilled with concentrated glauconite.
A black (10YR 2/1) chert nodule is present in Section 4, 147 cm.

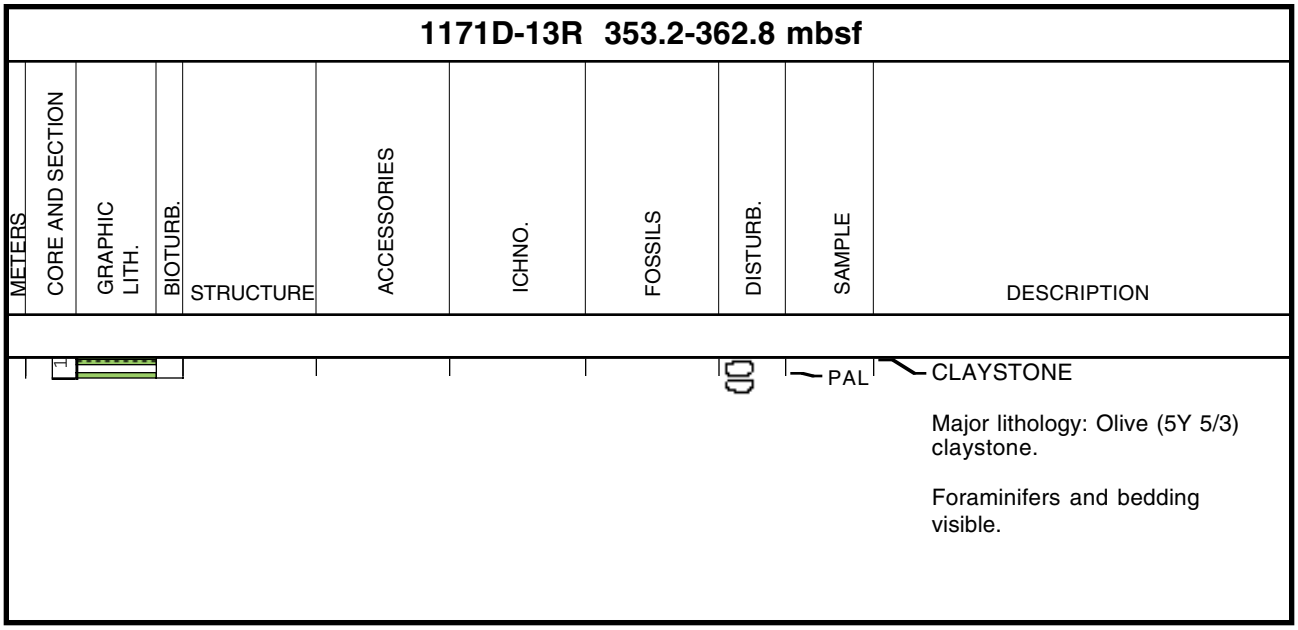
Core Photo


1171D-11R 333.9-343.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
THS
PAL
RADIOLARIAN SILTY CLAYSTONE
Major lithology: Black (5Y 2.5/2) radiolarian silty claystone.
Quartz, opaque black grains and radiolarians visible. Pressure solution surface with siliceous coating.

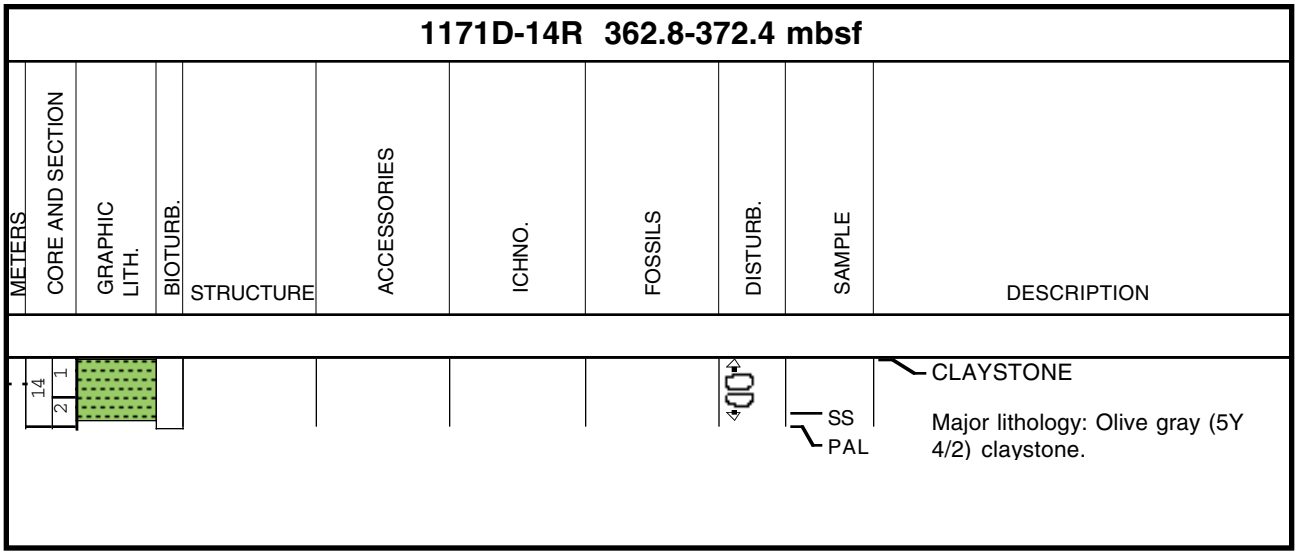
Core Photo


1171D-12R 343.5-353.2 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
1
SS
PAL
SILTY CLAYSTONE
Major lithology: Dark gray (5Y 4/1) silty claystone.

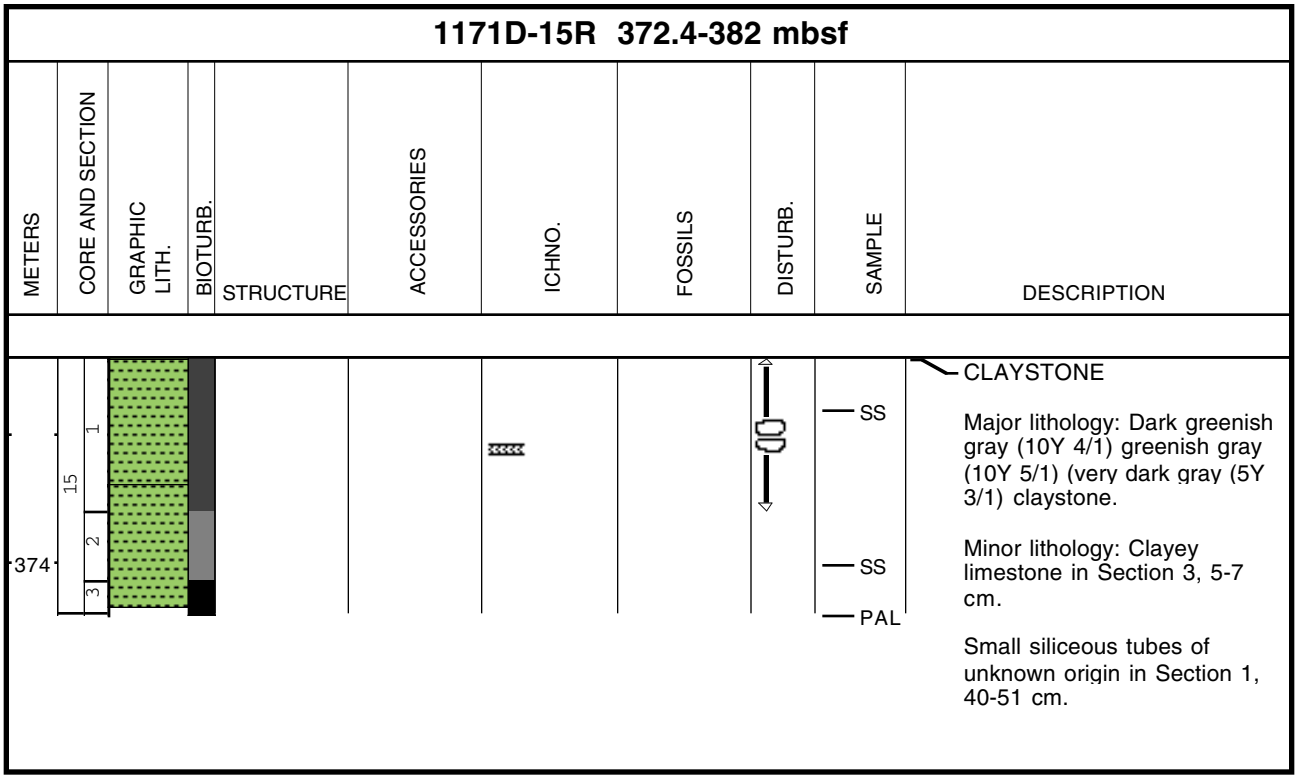
Core Photo


1171D-13R 353.2-362.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
1
PAL
CLAYSTONE
Major lithology: Olive (5Y 5/3) claystone.
Foraminifers and bedding visible.

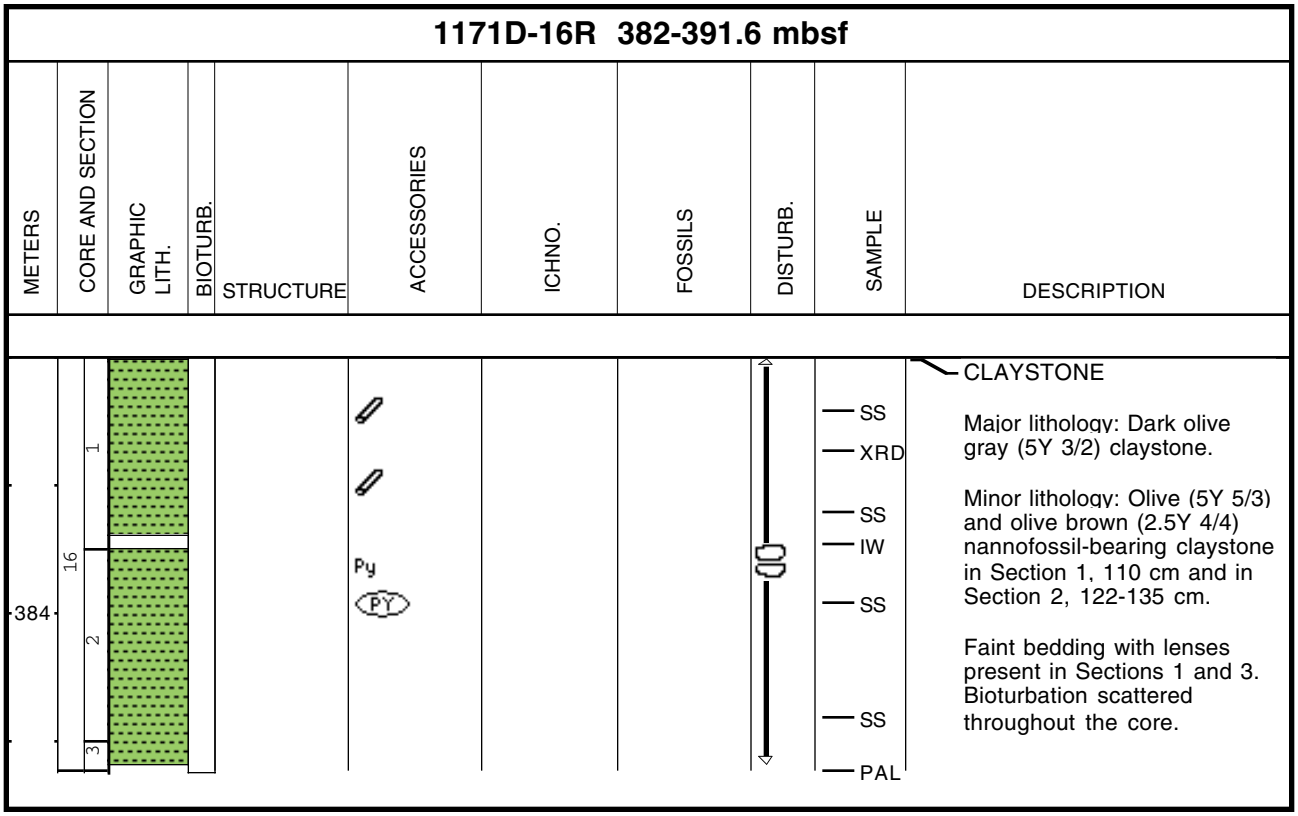
Core Photo


1171D-14R 362.8-372.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
14
1
2
SS
PAL
CLAYSTONE
Major lithology: Olive gray (5Y 4/2) claystone.

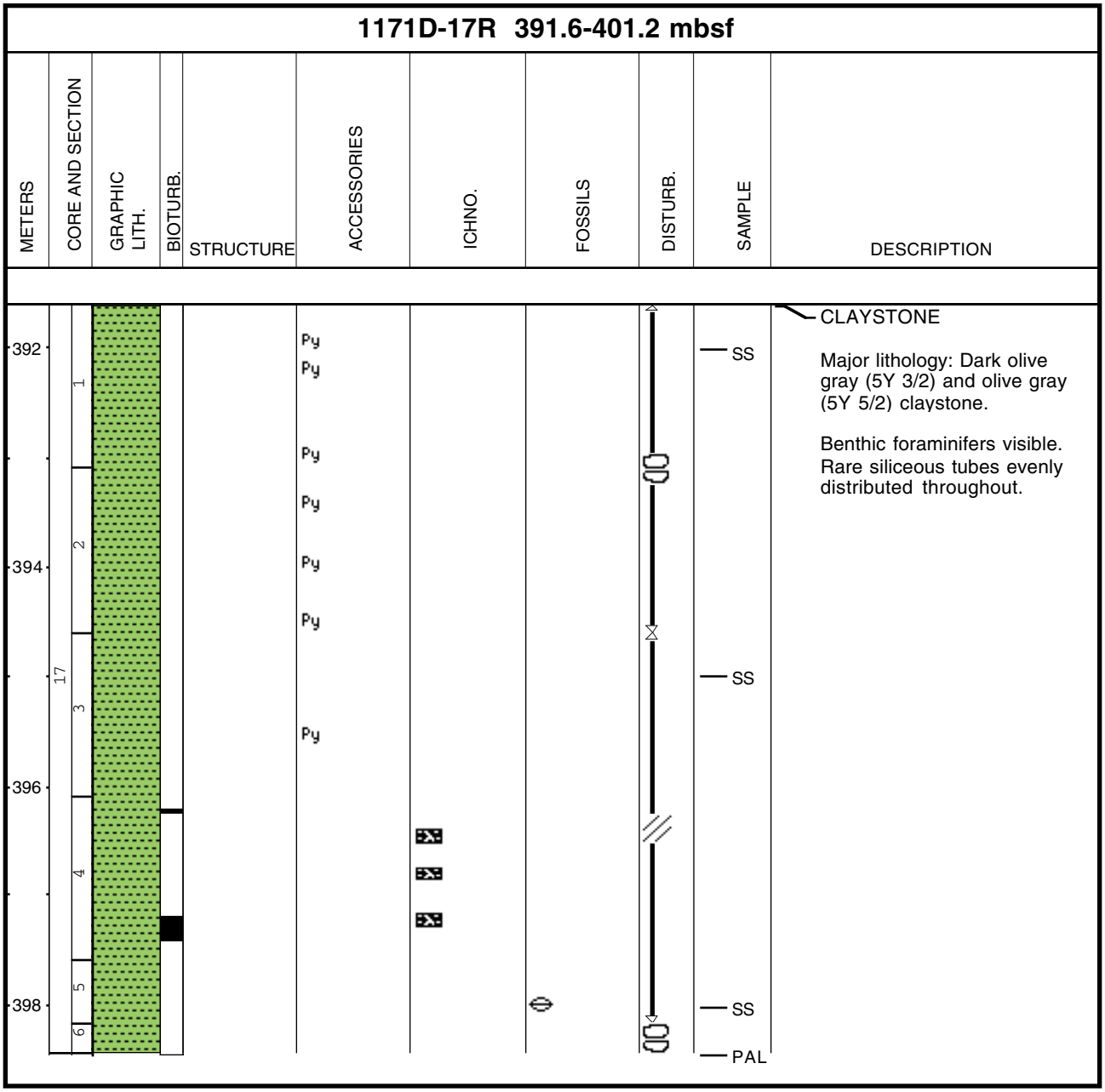
Core Photo


1171D-15R 372.4-382 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
374
15
1
2
3
SS
SS
PAL
CLAYSTONE
Major lithology: Dark greenish gray (10Y 4/1) greenish gray (10Y 5/1) (very dark gray (5Y 3/1) claystone.
Minor lithology: Clayey limestone in Section 3, 5-7 cm.
Small siliceous tubes of unknown origin in Section 1, 40-51 cm.

Core Photo

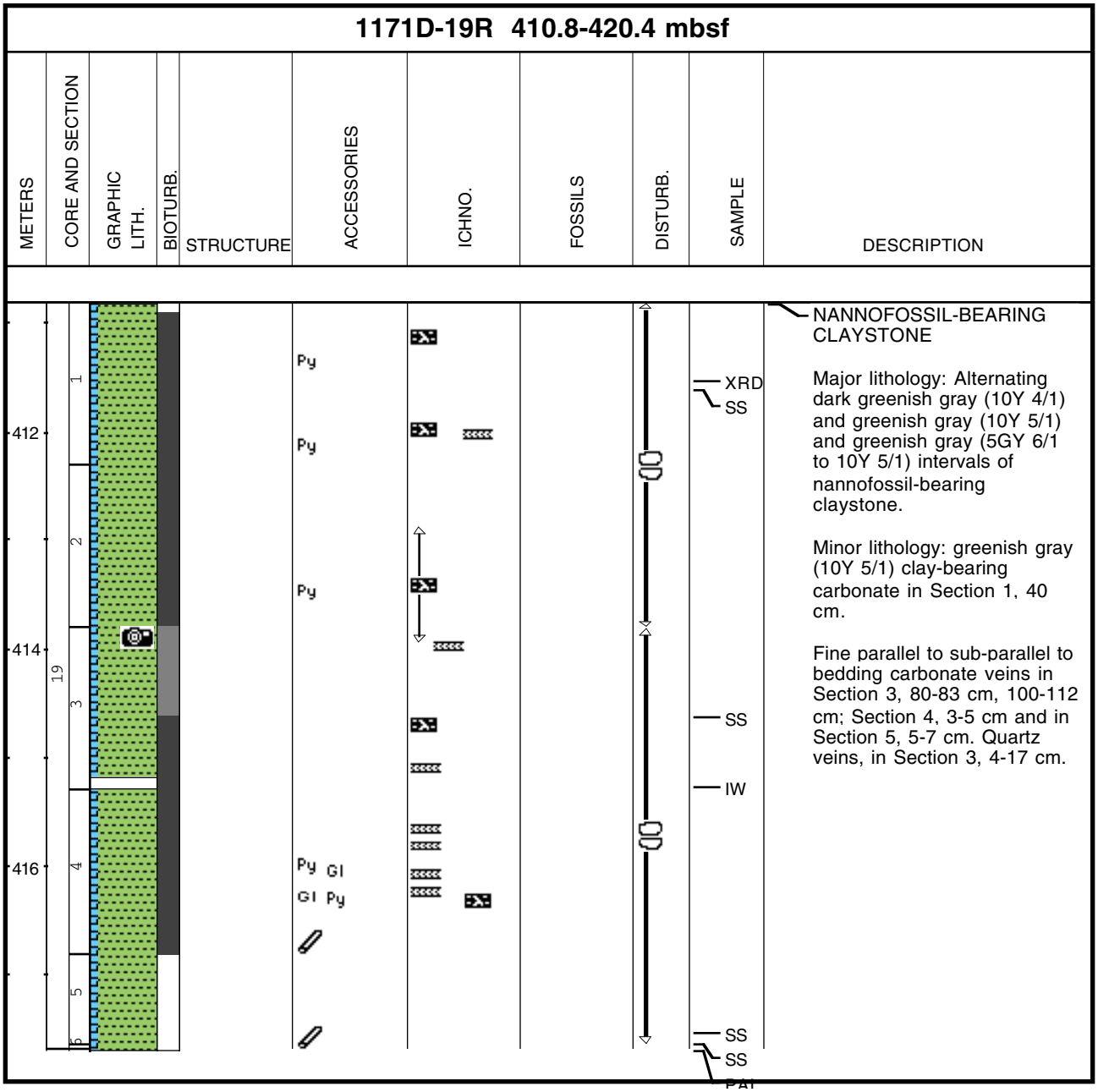

1171D-16R 382-391.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
384
16
1
2
3
Py
PY
SS
XRD
SS
IW
SS
SS
PAL
CLAYSTONE
Major lithology: Dark olive gray (5Y 3/2) claystone.
Minor lithology: Olive (5Y 5/3) and olive brown (2.5Y 4/4) nannofossil-bearing claystone in Section 1, 110 cm and in Section 2, 122-135 cm.
Faint bedding with lenses present in Sections 1 and 3. Bioturbation scattered throughout the core.

Core Photo

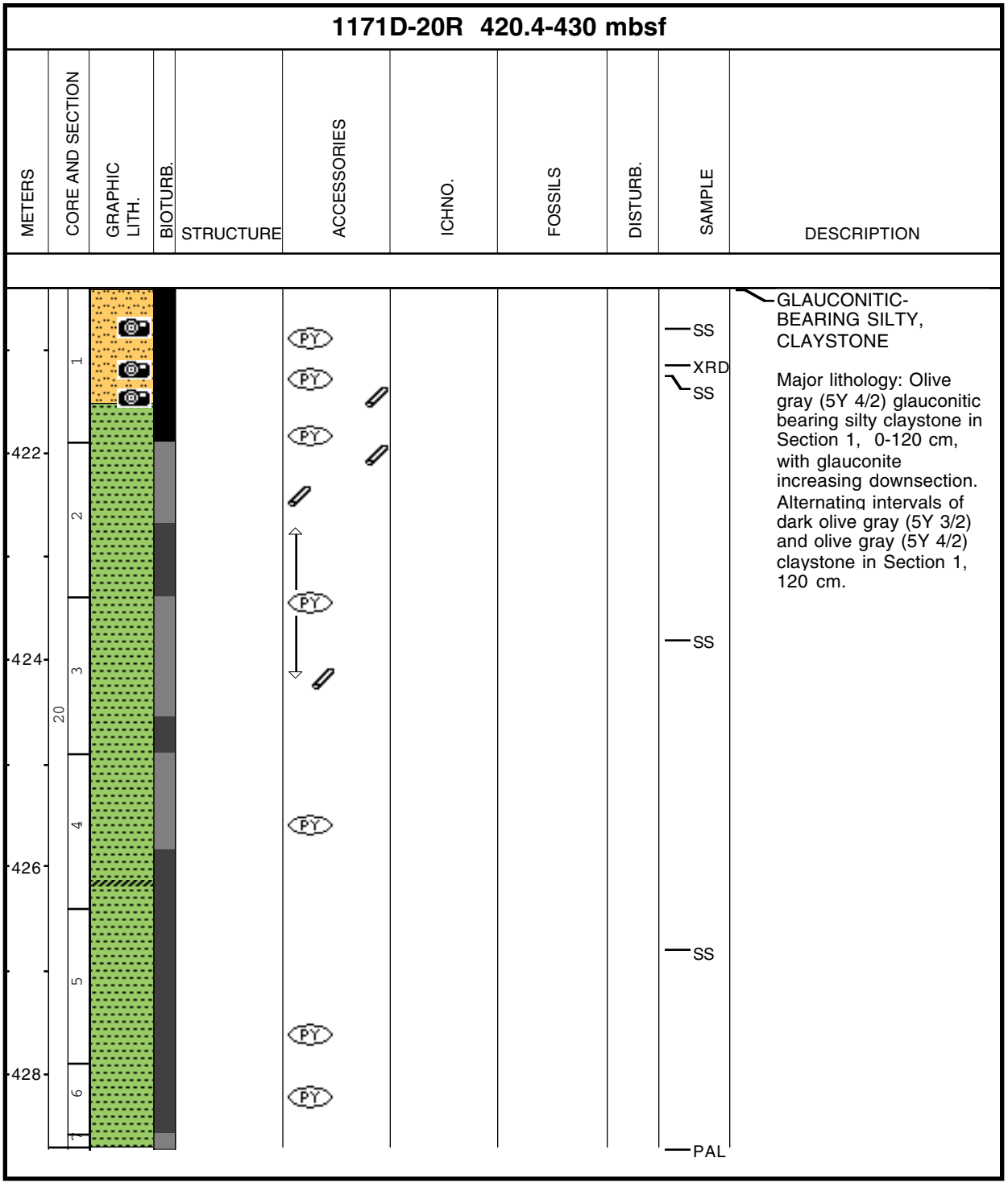


1171D-18R ENTIRE CORE GIVEN TO MICROPALEONTOLOGY

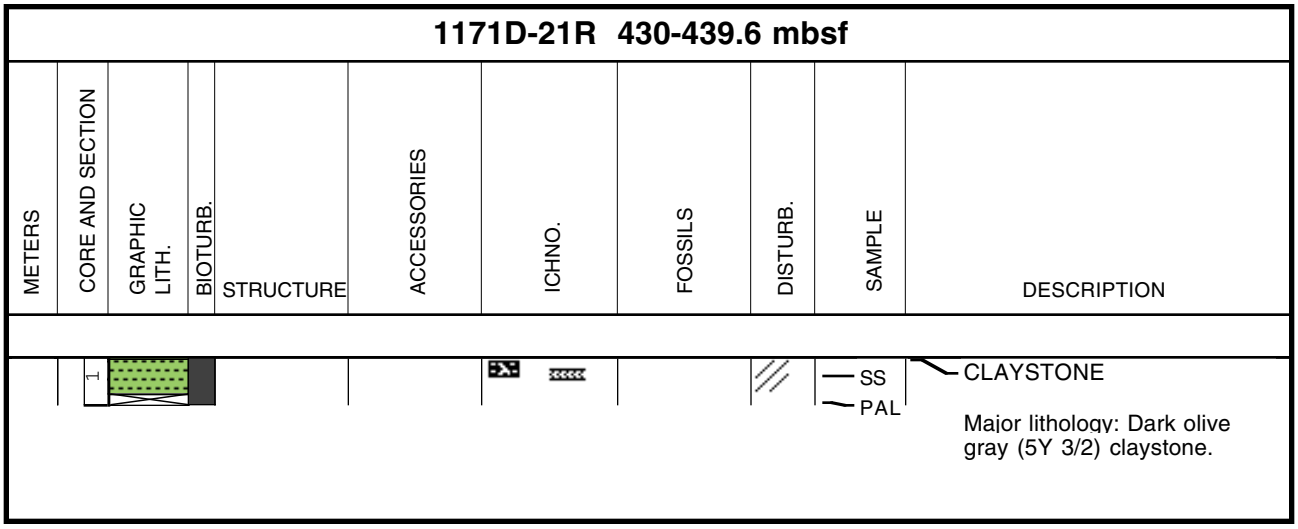
Core Photo


1171D-19R 410.8-420.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
412
414
416
19
1
2
3
4
5
6
Py
Py
Py
Py Gl
Gl Py
XRD
SS
SS
IW
SS
SS
NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Alternating dark greenish gray (10Y 4/1) and greenish gray (10Y 5/1) and greenish gray (5GY 6/1 to 10Y 5/1) intervals of nannofossil-bearing claystone.
Minor lithology: greenish gray (10Y 5/1) clay-bearing carbonate in Section 1, 40 cm.
Fine parallel to sub-parallel to bedding carbonate veins in Section 3, 80-83 cm, 100-112 cm; Section 4, 3-5 cm and in Section 5, 5-7 cm. Quartz veins, in Section 3, 4-17 cm.

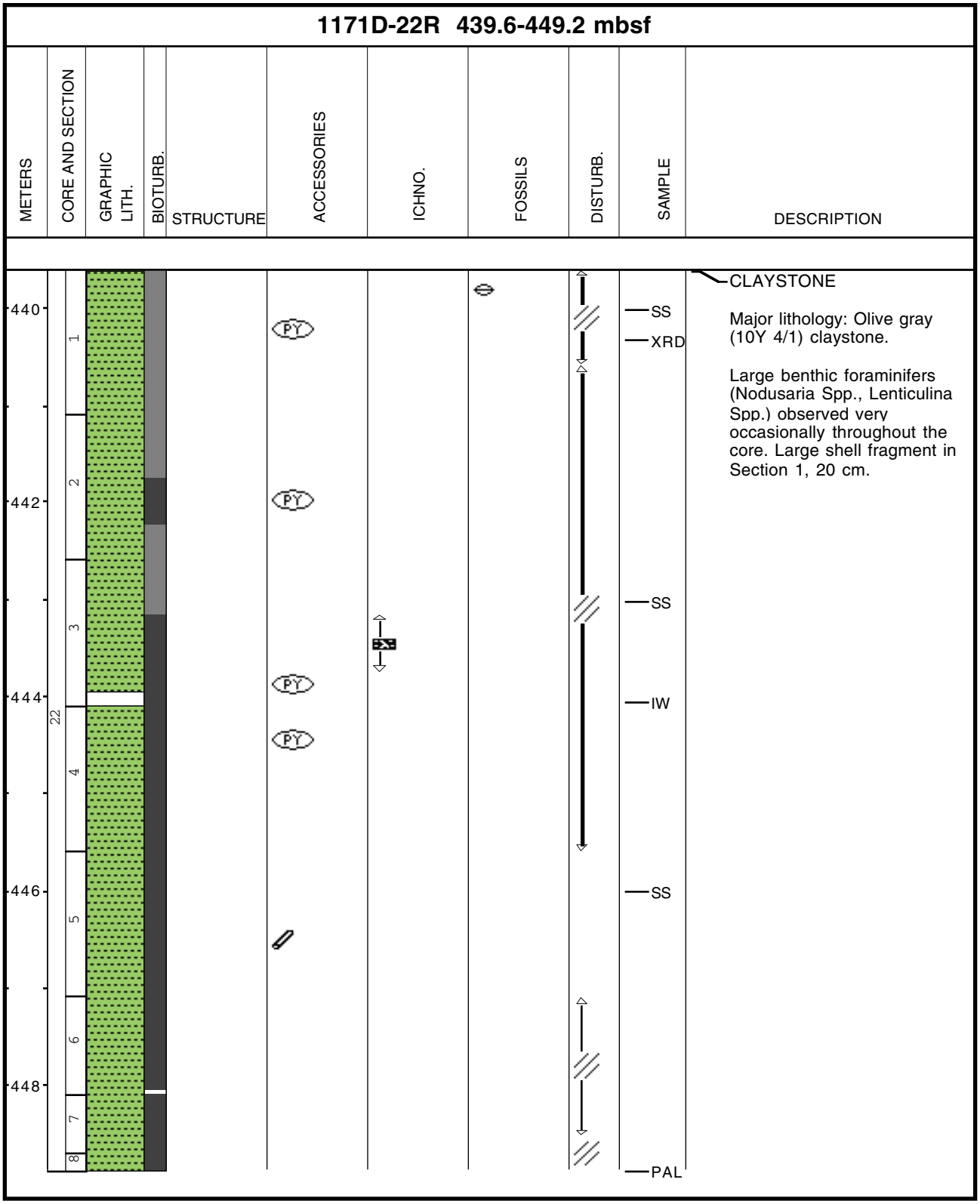
Core Photo


1171D-20R 420.4-430 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
422
424
426
428
20
1
2
3
4
5
6
7
PY
SS
XRD
SS
SS
SS
PAL
GLAUCONITIC-BEARING SILTY, CLAYSTONE
Major lithology: Olive gray (5Y 4/2) glauconitic bearing silty claystone in Section 1, 0-120 cm, with glauconite increasing downsection. Alternating intervals of dark olive gray (5Y 3/2) and olive gray (5Y 4/2) claystone in Section 1, 120 cm.

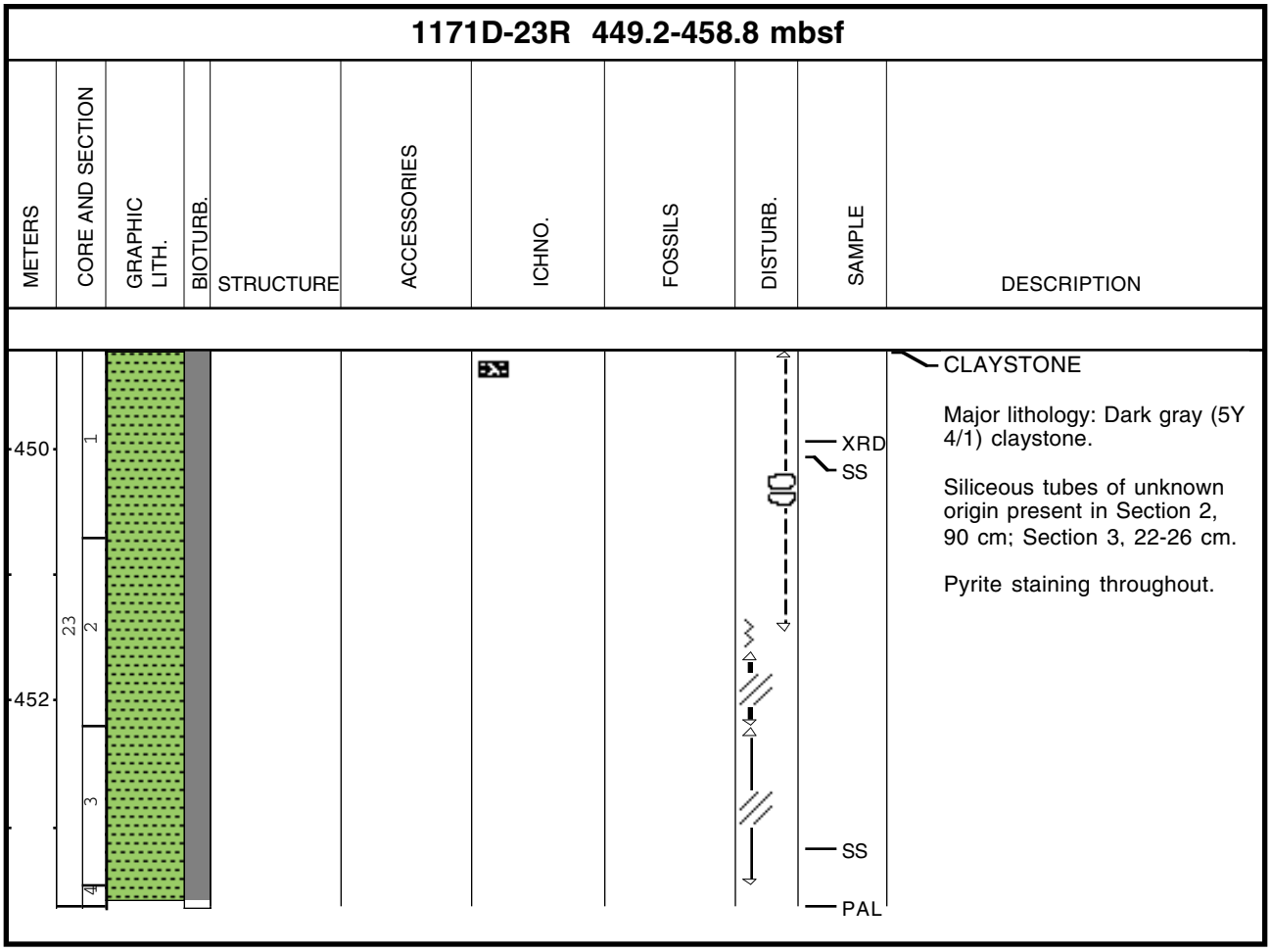
Core Photo


1171D-21R 430-439.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
1
SS
PAL
CLAYSTONE
Major lithology: Dark olive gray (5Y 3/2) claystone.

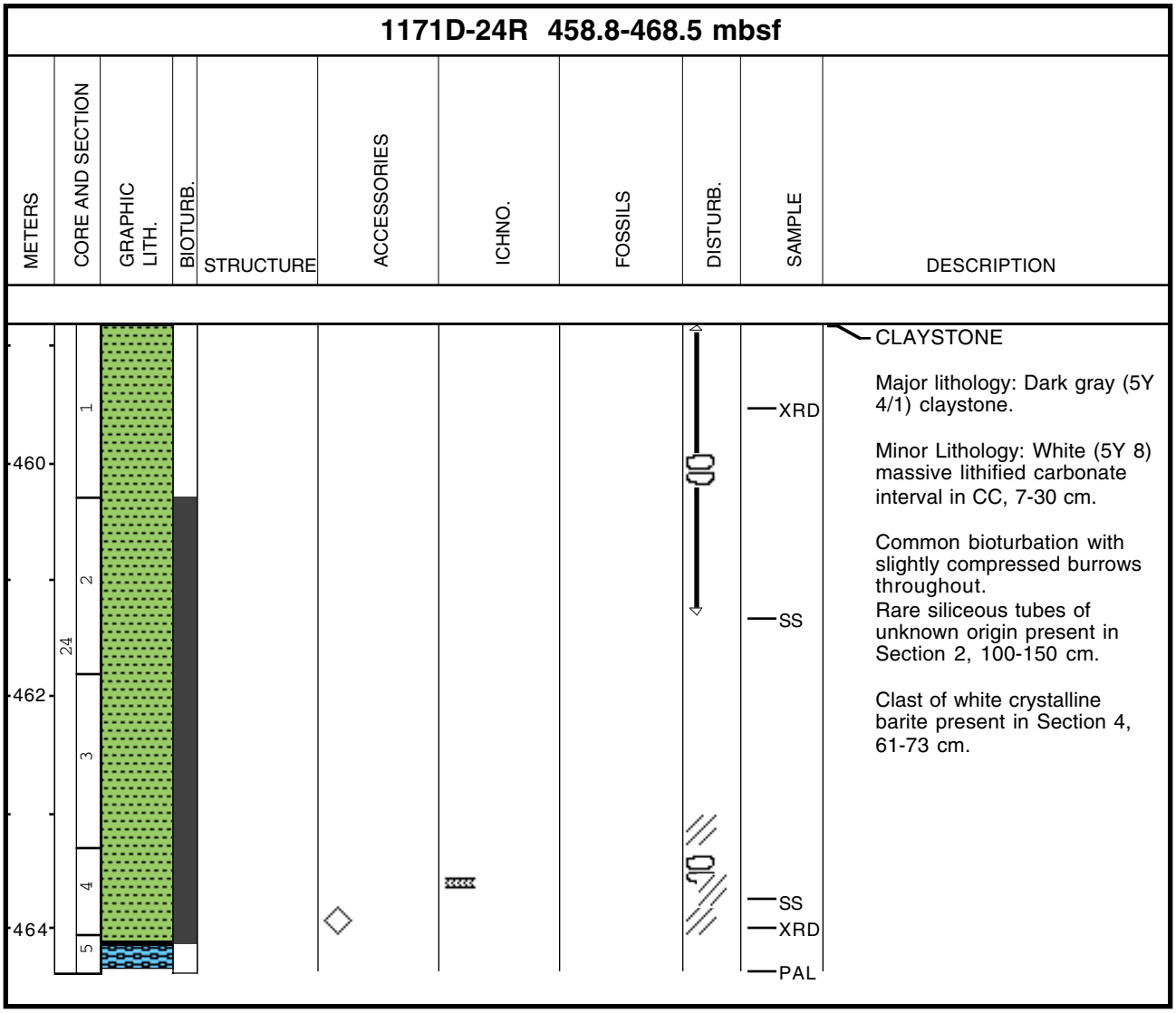
Core Photo


1171D-22R 439.6-449.2 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
440
442
444
446
448
22
1
2
3
4
5
6
7
8
PY
SS
XRD
SS
IW
SS
PAL
CLAYSTONE
Major lithology: Olive gray (10Y 4/1) claystone.
Large benthic foraminifers (Nodusaria Spp., Lenticulina Spp.) observed very occasionally throughout the core. Large shell fragment in Section 1, 20 cm.

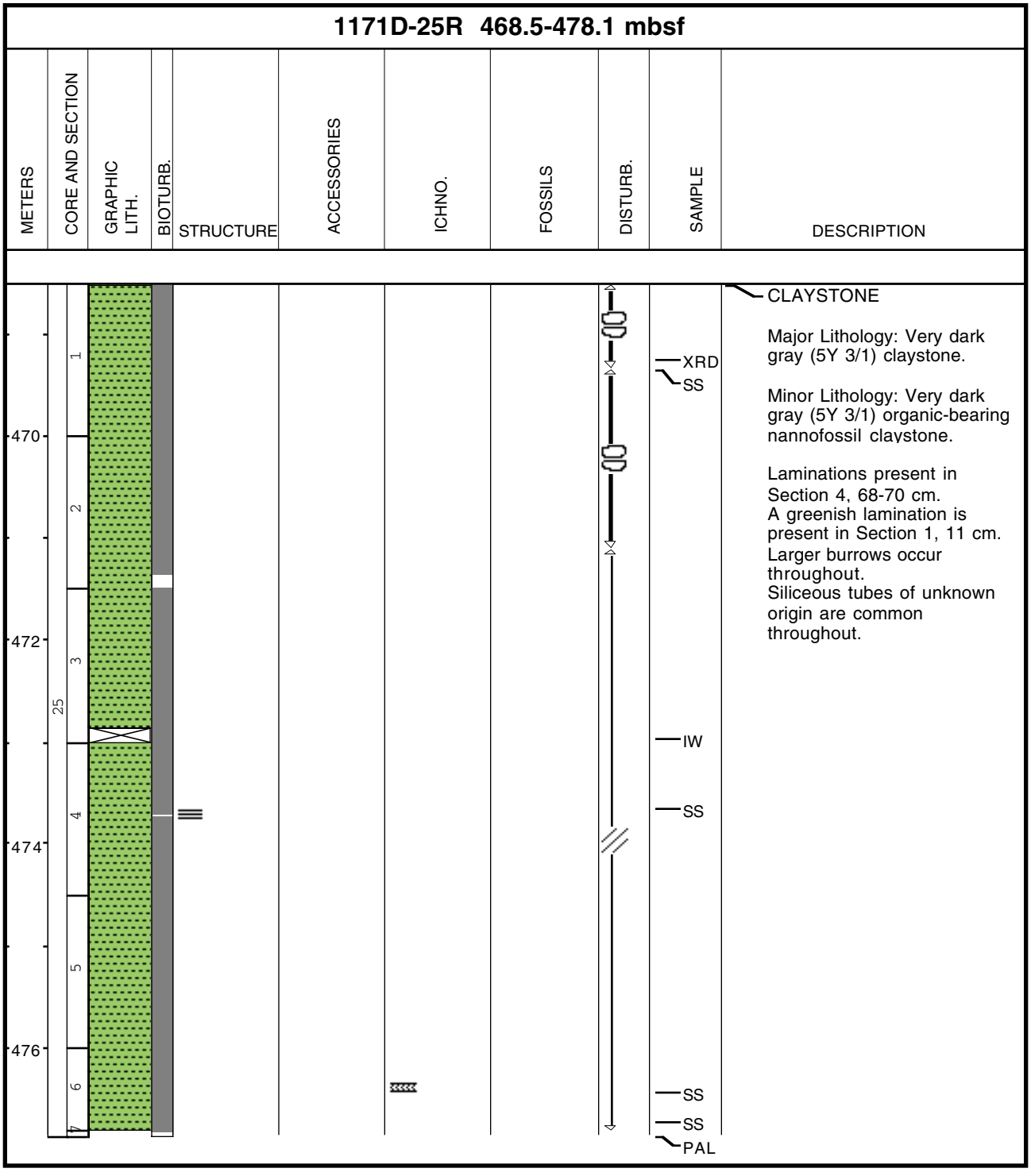
Core Photo


1171D-23R 449.2-458.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
450
452
23
1
2
3
4
XRD
SS
SS
PAL
CLAYSTONE
Major lithology: Dark gray (5Y 4/1) claystone.
Siliceous tubes of unknown origin present in Section 2, 90 cm; Section 3, 22-26 cm.
Pyrite staining throughout.

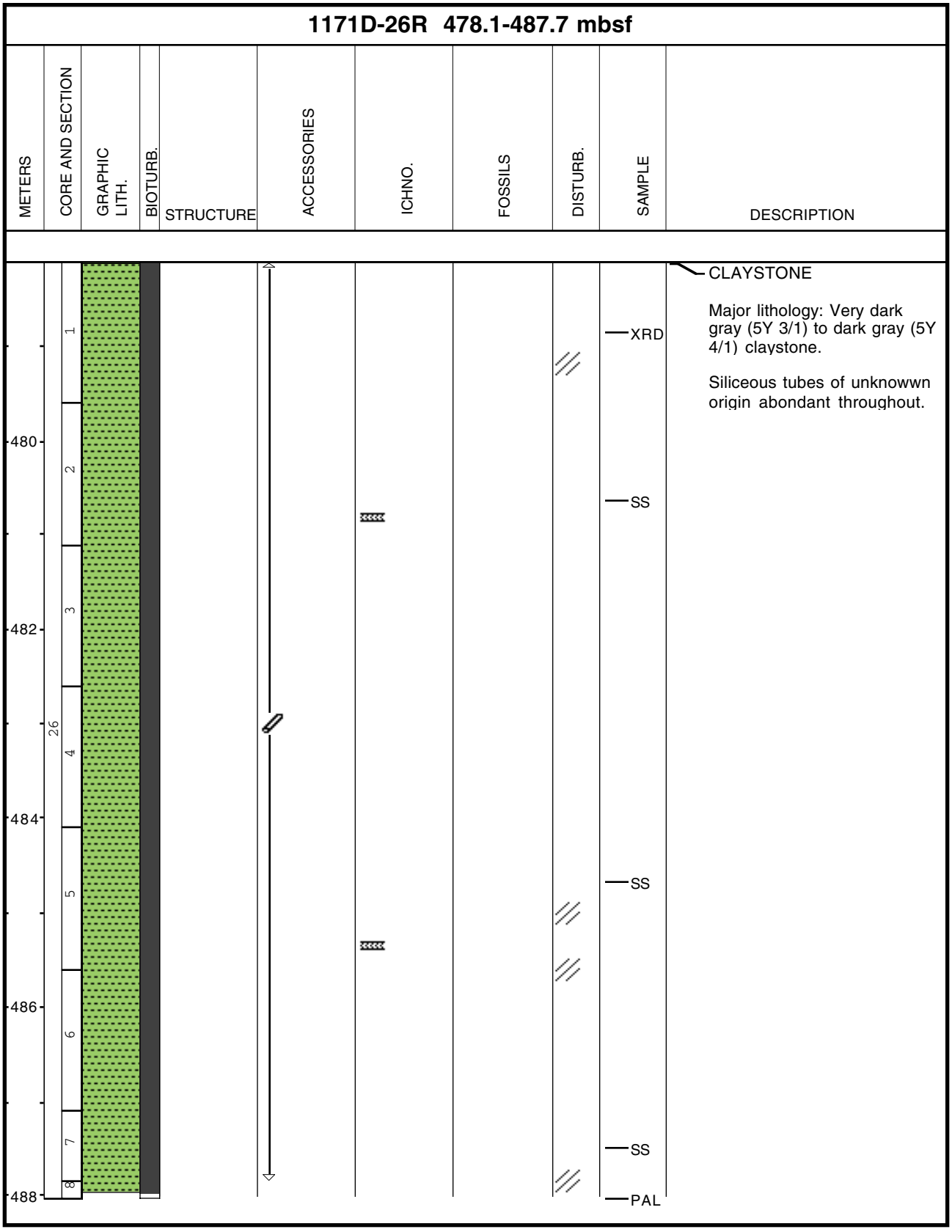
Core Photo


1171D-24R 458.8-468.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
460
462
464
24
1
2
3
4
5
XRD
SS
SS
XRD
PAL
CLAYSTONE
Major lithology: Dark gray (5Y 4/1) claystone.
Minor Lithology: White (5Y 8) massive lithified carbonate interval in CC, 7-30 cm.
Common bioturbation with slightly compressed burrows throughout.
Rare siliceous tubes of unknown origin present in Section 2, 100-150 cm.
Clast of white crystalline barite present in Section 4, 61-73 cm.

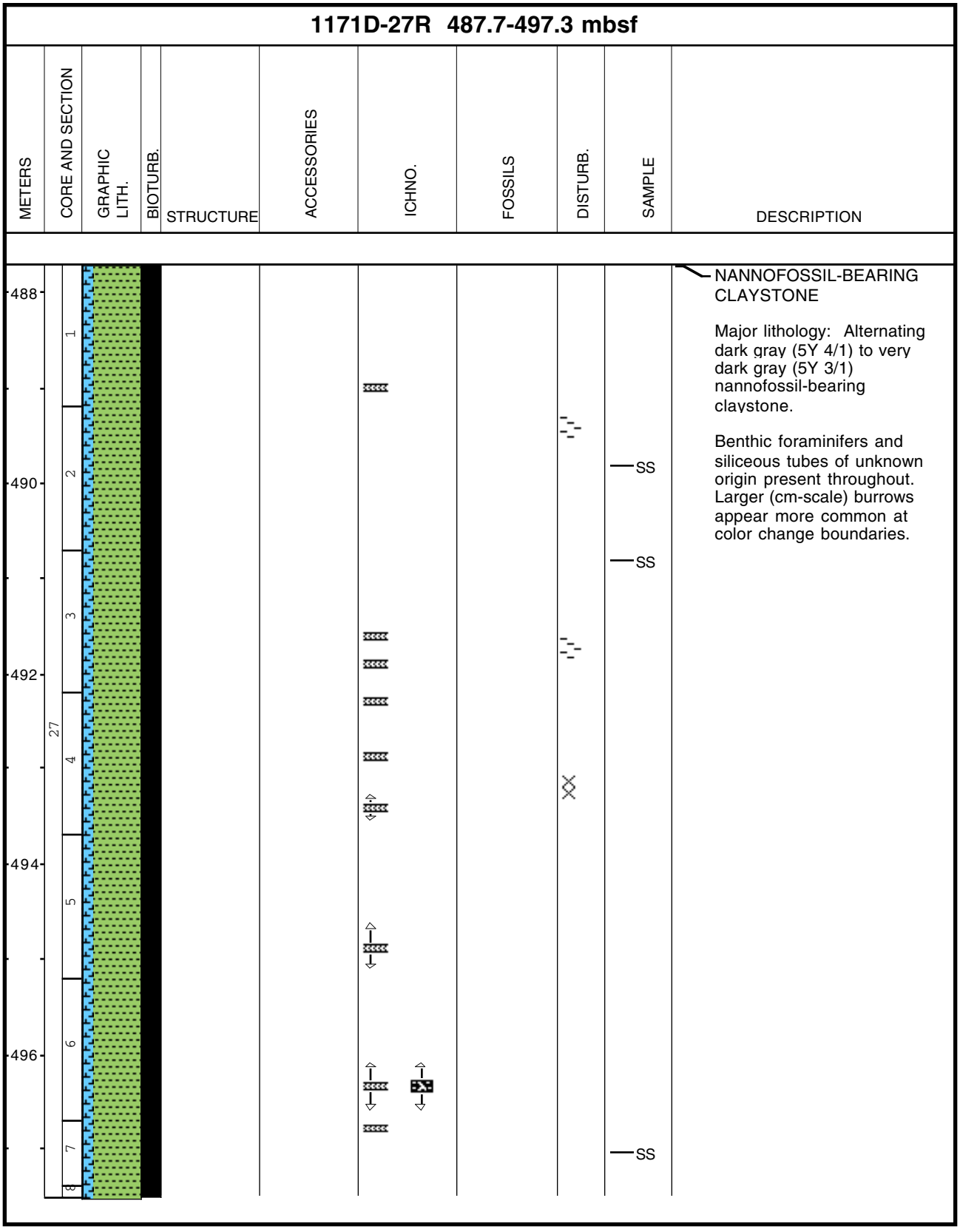
Core Photo


1171D-25R 468.5-478.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
470
472
474
476
25
1
2
3
4
5
6
7
XRD
SS
IW
SS
SS
SS
PAL
CLAYSTONE
Major Lithology: Very dark gray (5Y 3/1) claystone.
Minor Lithology: Very dark gray (5Y 3/1) organic-bearing nannofossil claystone.
Laminations present in Section 4, 68-70 cm.
A greenish lamination is present in Section 1, 11 cm.
Larger burrows occur throughout.
Siliceous tubes of unknown origin are common throughout.

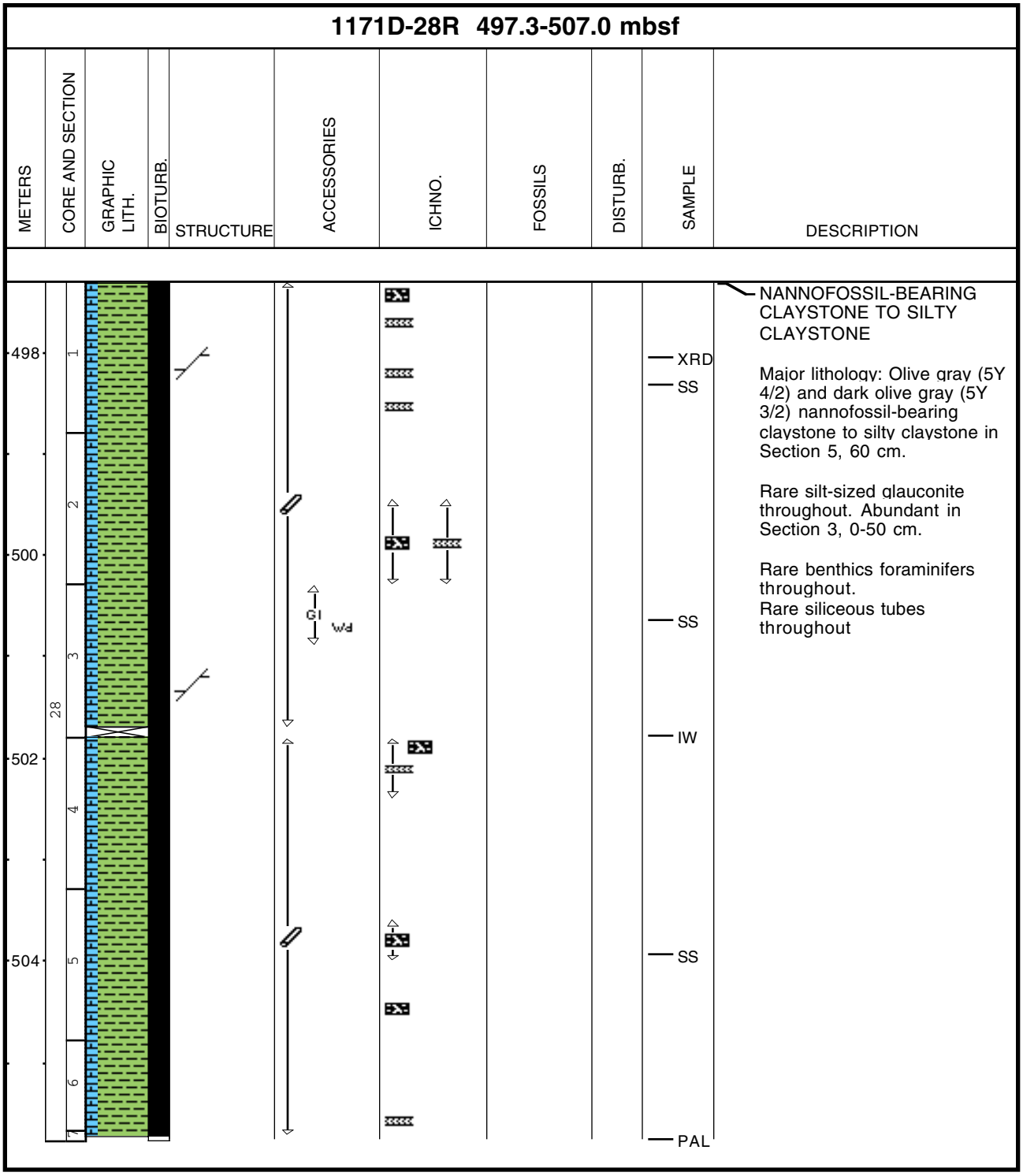
Core Photo


1171D-26R 478.1-487.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
480
482
484
486
488
26
1
2
3
4
5
6
7
8
XRD
SS
SS
SS
PAL
CLAYSTONE
Major lithology: Very dark gray (5Y 3/1) to dark gray (5Y 4/1) claystone.
Siliceous tubes of unknowwn origin abondant throughout.

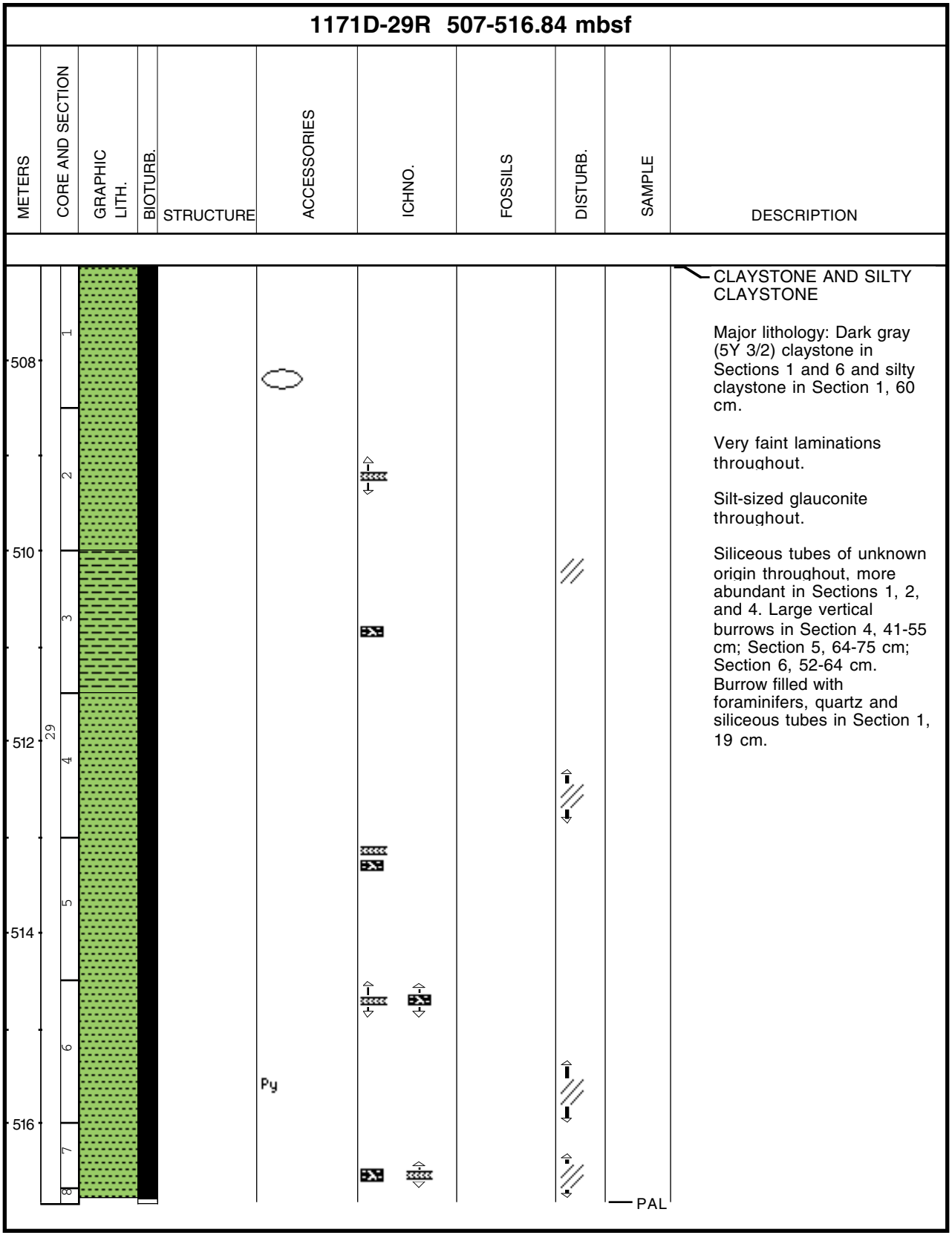
Core Photo


1171D-27R 487.7-497.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
488
490
492
494
496
27
1
2
3
4
5
6
7
8
SS
SS
SS
NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Alternating dark gray (5Y 4/1) to very dark gray (5Y 3/1) nannofossil-bearing claystone.
Benthic foraminifers and siliceous tubes of unknown origin present throughout. Larger (cm-scale) burrows appear more common at color change boundaries.

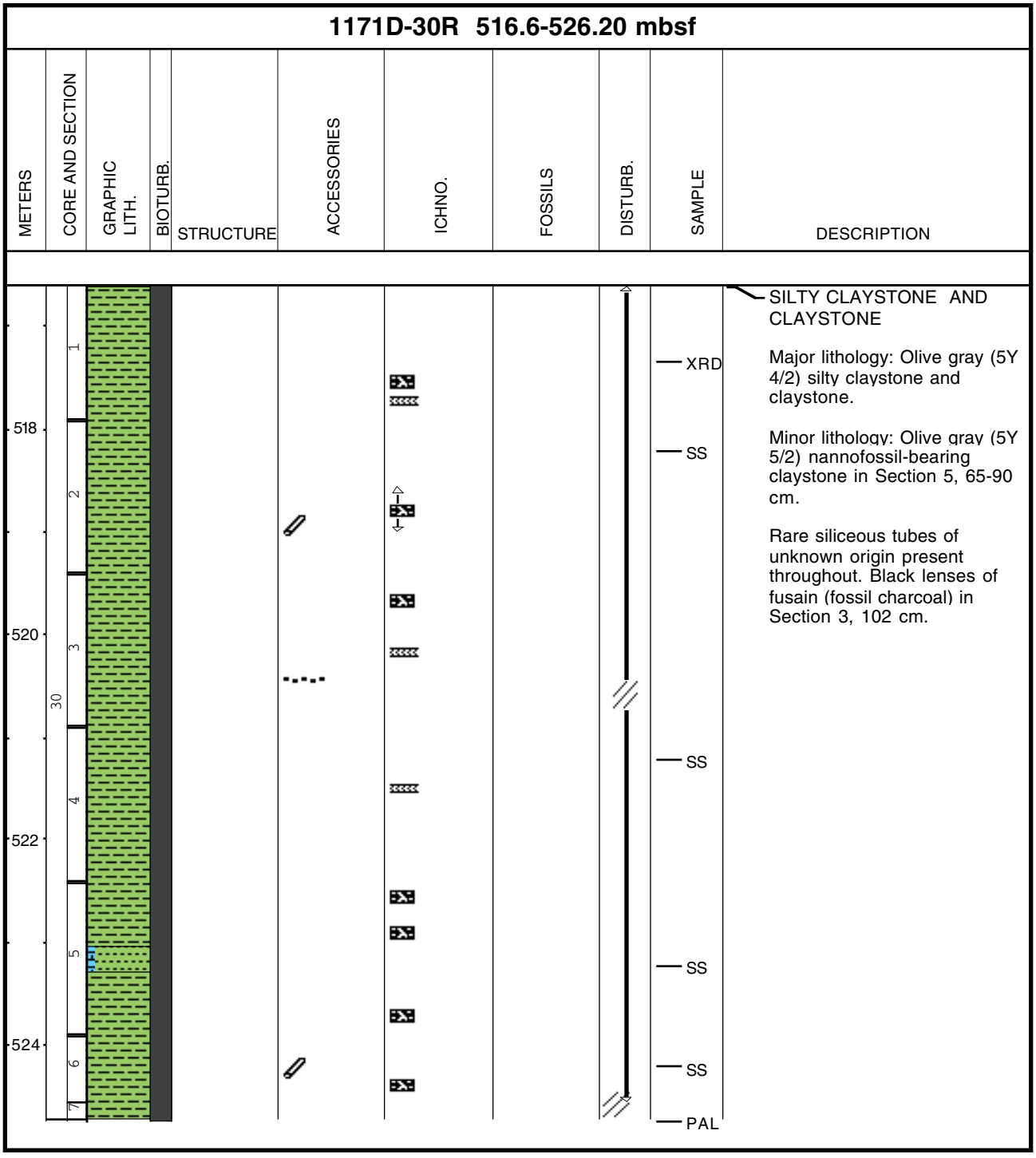
Core Photo


1171D-28R 497.3-507.0 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
498
500
502
504
28
1
2
3
4
5
6
7
GI
PM
XRD
SS
SS
IW
SS
PAL
NANNOFOSSIL-BEARING CLAYSTONE TO SILTY CLAYSTONE
Major lithology: Olive gray (5Y 4/2) and dark olive gray (5Y 3/2) nannofossil-bearing claystone to silty claystone in Section 5, 60 cm.
Rare silt-sized glauconite throughout. Abundant in Section 3, 0-50 cm.
Rare benthics foraminifers throughout.
Rare siliceous tubes throughout

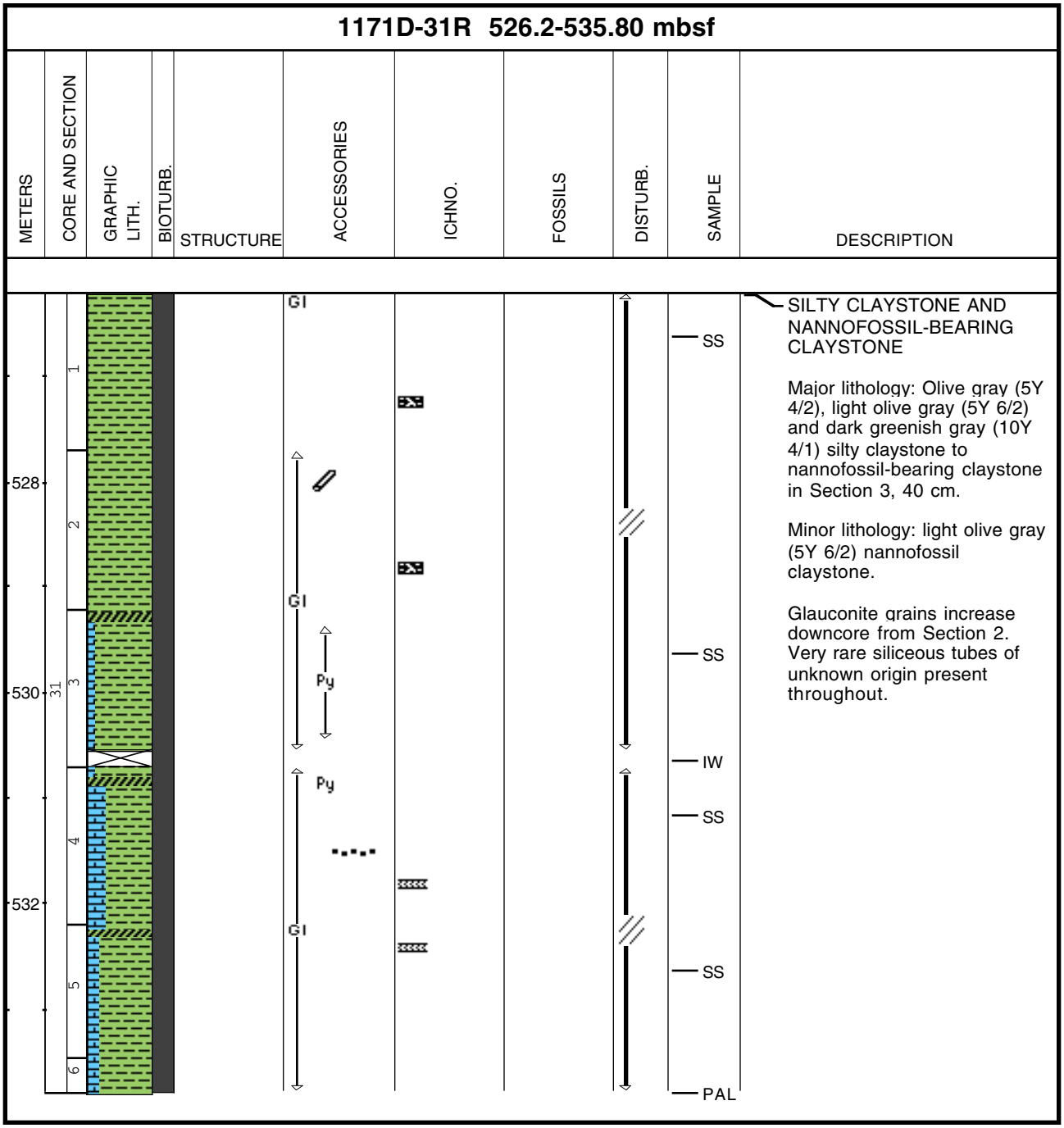
Core Photo


1171D-29R 507-516.84 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
508
510
512
514
516
29
1
2
3
4
5
6
7
8
Py
PAL
CLAYSTONE AND SILTY CLAYSTONE
Major lithology: Dark gray (5Y 3/2) claystone in Sections 1 and 6 and silty claystone in Section 1, 60 cm.
Very faint laminations throughout.
Silt-sized glauconite throughout.
Siliceous tubes of unknown origin throughout, more abundant in Sections 1, 2, and 4. Large vertical burrows in Section 4, 41-55 cm; Section 5, 64-75 cm; Section 6, 52-64 cm. Burrow filled with foraminifers, quartz and siliceous tubes in Section 1, 19 cm.

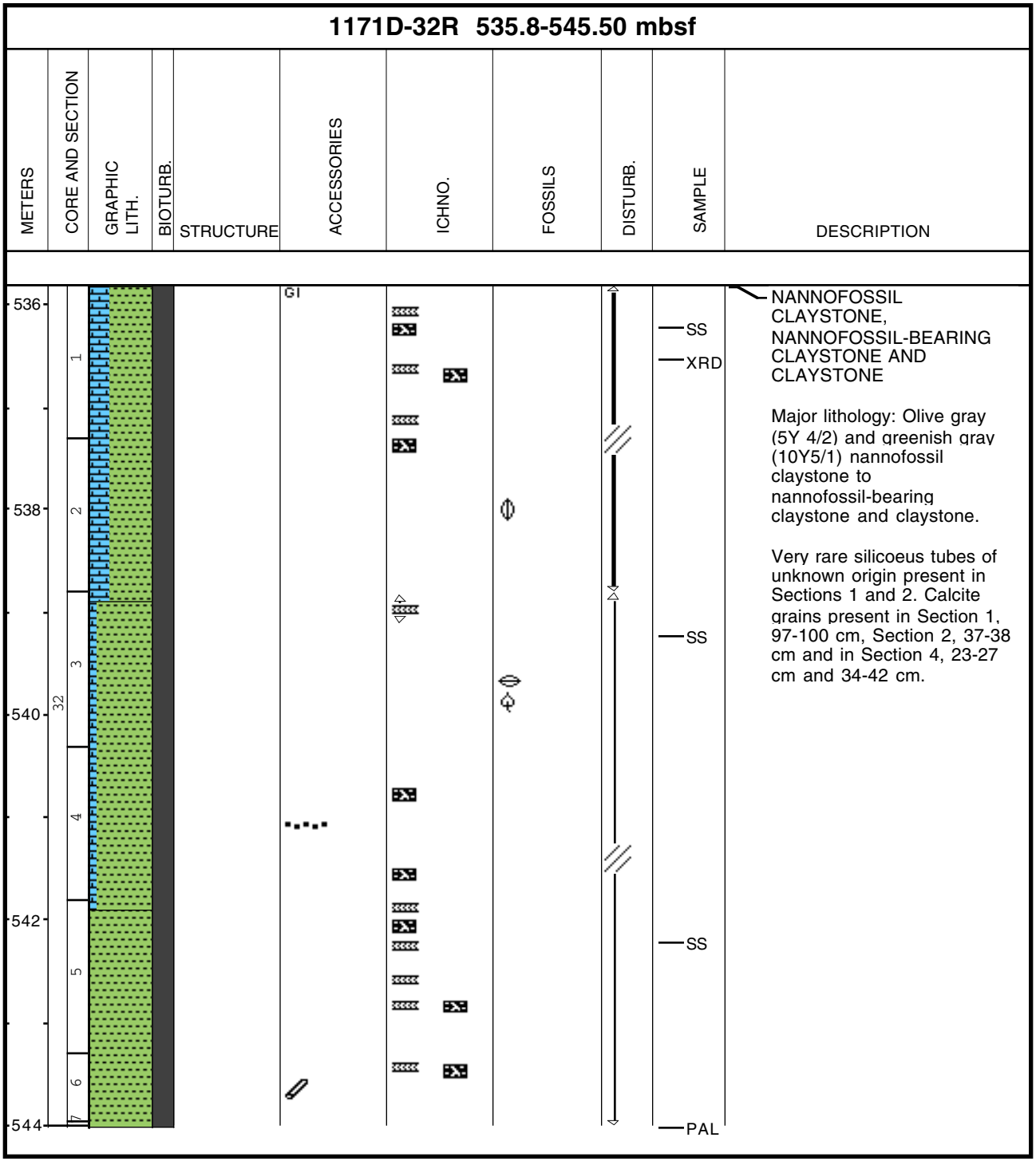
Core Photo


1171D-30R 516.6-526.20 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
518
520
522
524
30
1
2
3
4
5
6
7
XRD
SS
SS
SS
SS
PAL
SILTY CLAYSTONE AND CLAYSTONE
Major lithology: Olive gray (5Y 4/2) silty claystone and claystone.
Minor lithology: Olive gray (5Y 5/2) nannofossil-bearing claystone in Section 5, 65-90 cm.
Rare siliceous tubes of unknown origin present throughout. Black lenses of fusain (fossil charcoal) in Section 3, 102 cm.

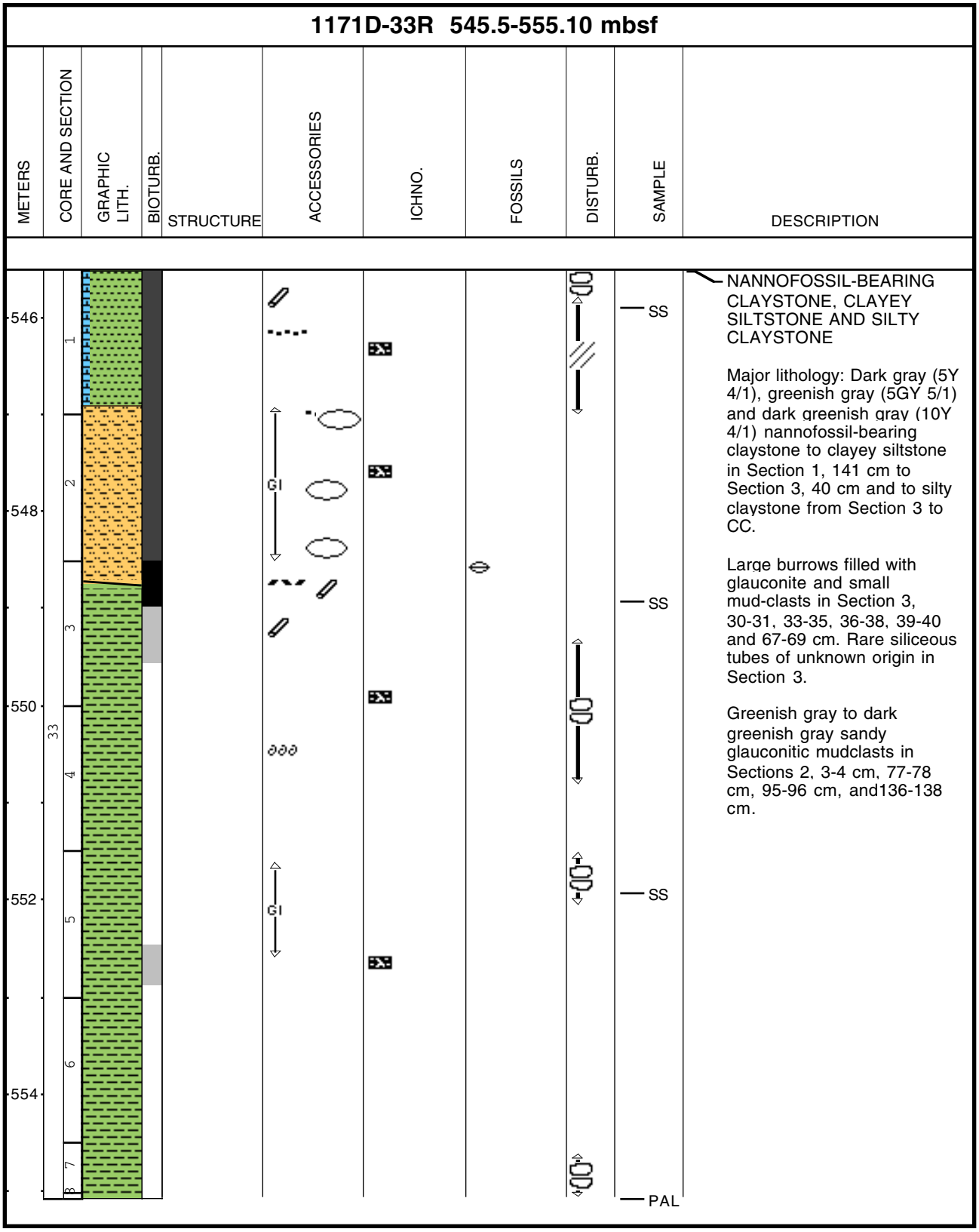
Core Photo


1171D-31R 526.2-535.80 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
528
530
532
31
1
2
3
4
5
6
GI
GI
GI
Py
Py
SS
SS
IW
SS
SS
PAL
SILTY CLAYSTONE AND NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Olive gray (5Y 4/2), light olive gray (5Y 6/2) and dark greenish gray (10Y 4/1) silty claystone to nannofossil-bearing claystone in Section 3, 40 cm.
Minor lithology: light olive gray (5Y 6/2) nannofossil claystone.
Glauconite grains increase downcore from Section 2. Very rare siliceous tubes of unknown origin present throughout.

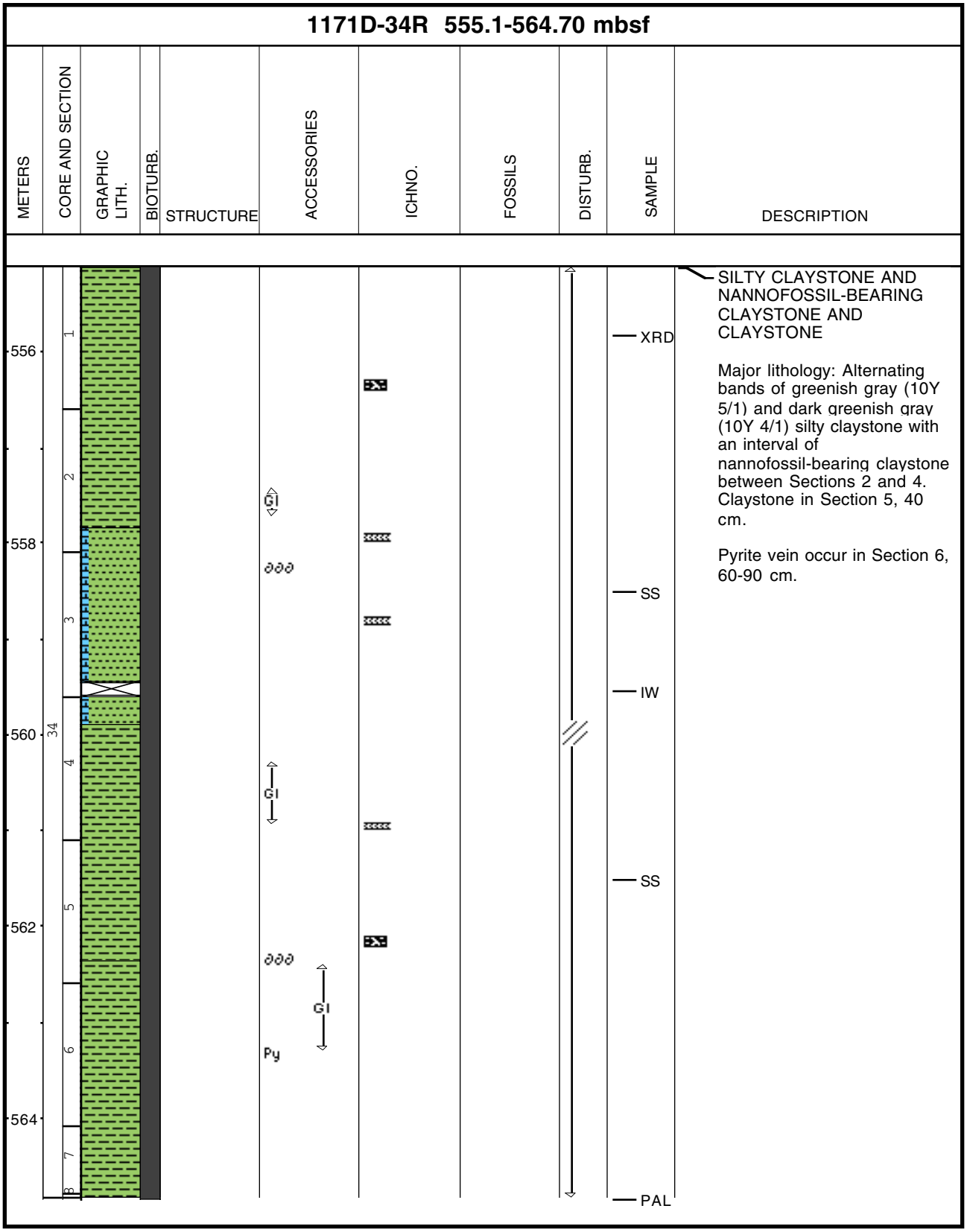
Core Photo


1171D-32R 535.8-545.50 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
536
538
540
542
544
32
1
2
3
4
5
6
7
GI
SS
XRD
SS
SS
PAL
NANNOFOSSIL CLAYSTONE, NANNOFOSSIL-BEARING CLAYSTONE AND CLAYSTONE
Major lithology: Olive gray (5Y 4/2) and greenish gray (10Y5/1) nannofossil claystone to nannofossil-bearing claystone and claystone.
Very rare silicoeus tubes of unknown origin present in Sections 1 and 2. Calcite grains present in Section 1, 97-100 cm, Section 2, 37-38 cm and in Section 4, 23-27 cm and 34-42 cm.

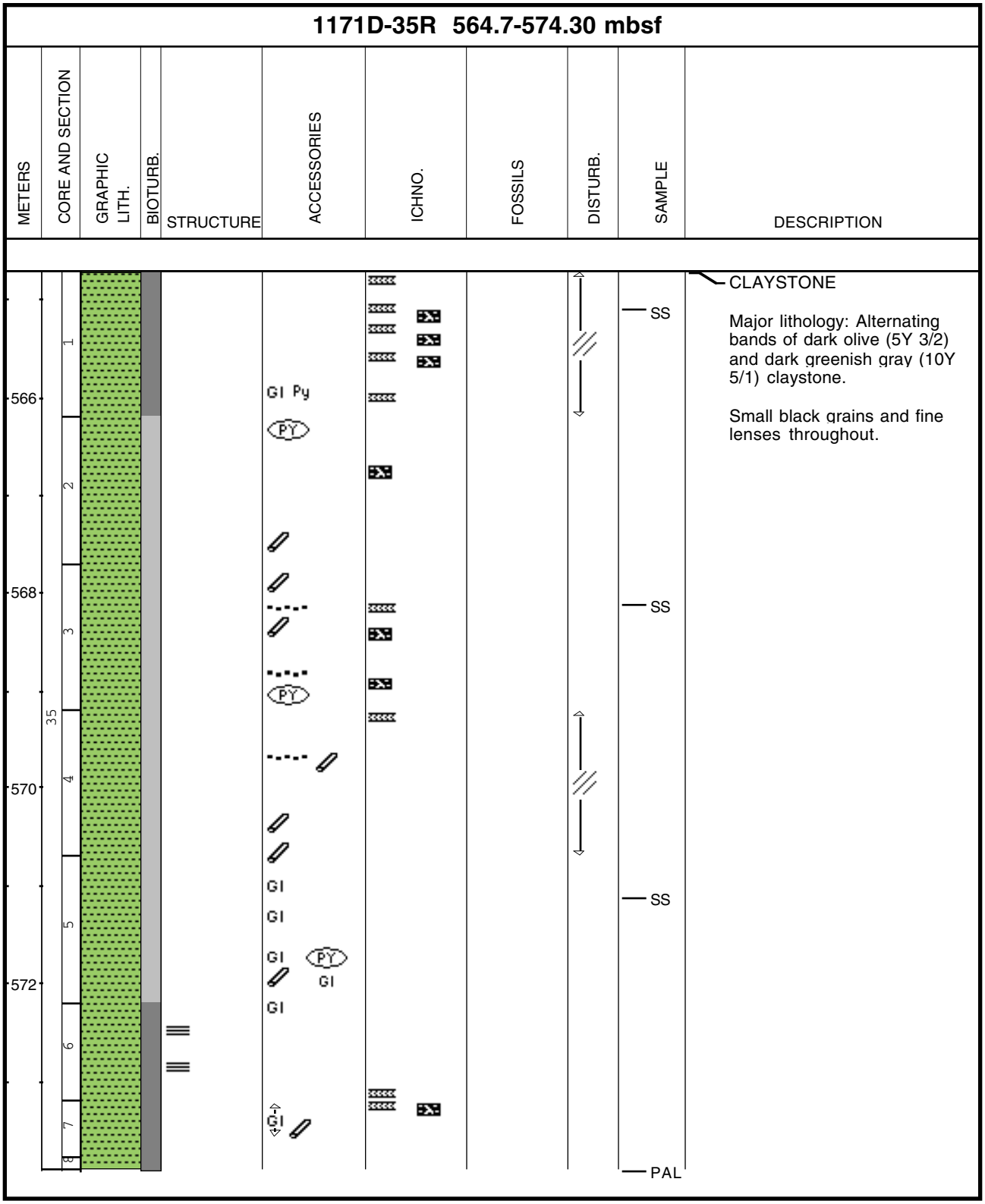
Core Photo


1171D-33R 545.5-555.10 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
546
548
550
552
554
33
1
2
3
4
5
6
7
CC
GI
GI
SS
SS
SS
PAL
NANNOFOSSIL-BEARING CLAYSTONE, CLAYEY SILTSTONE AND SILTY CLAYSTONE
Major lithology: Dark gray (5Y 4/1), greenish gray (5GY 5/1) and dark greenish gray (10Y 4/1) nannofossil-bearing claystone to clayey siltstone in Section 1, 141 cm to Section 3, 40 cm and to silty claystone from Section 3 to CC.
Large burrows filled with glauconite and small mud-clasts in Section 3, 30-31, 33-35, 36-38, 39-40 and 67-69 cm. Rare siliceous tubes of unknown origin in Section 3.
Greenish gray to dark greenish gray sandy glauconitic mudclasts in Sections 2, 3-4 cm, 77-78 cm, 95-96 cm, and136-138 cm.

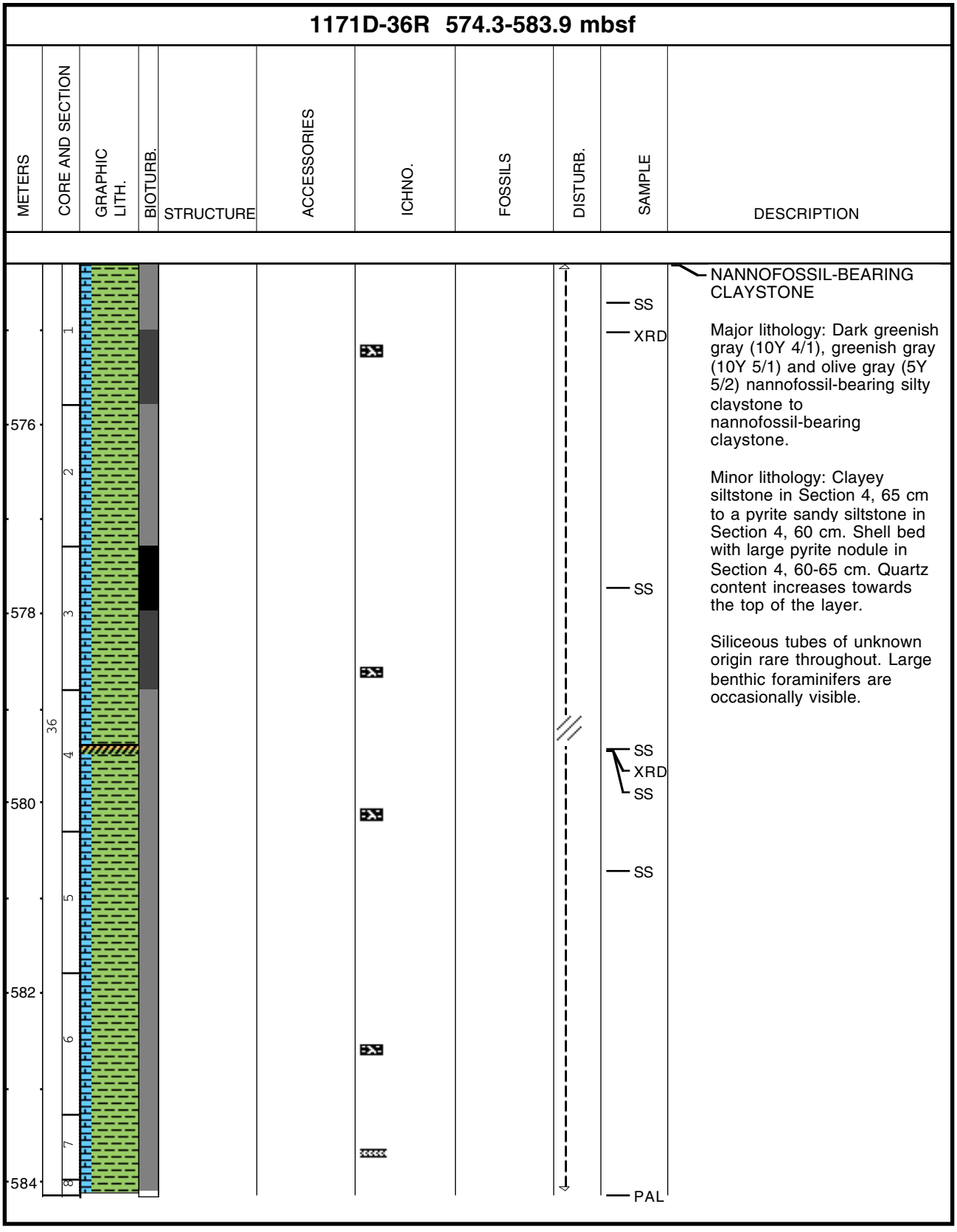
Core Photo


1171D-34R 555.1-564.70 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
556
558
560
562
564
34
1
2
3
4
5
6
7
CC
GI
GI
GI
Py
XRD
SS
IW
SS
PAL
SILTY CLAYSTONE AND NANNOFOSSIL-BEARING CLAYSTONE AND CLAYSTONE
Major lithology: Alternating bands of greenish gray (10Y 5/1) and dark greenish gray (10Y 4/1) silty claystone with an interval of nannofossil-bearing claystone between Sections 2 and 4. Claystone in Section 5, 40 cm.
Pyrite vein occur in Section 6, 60-90 cm.

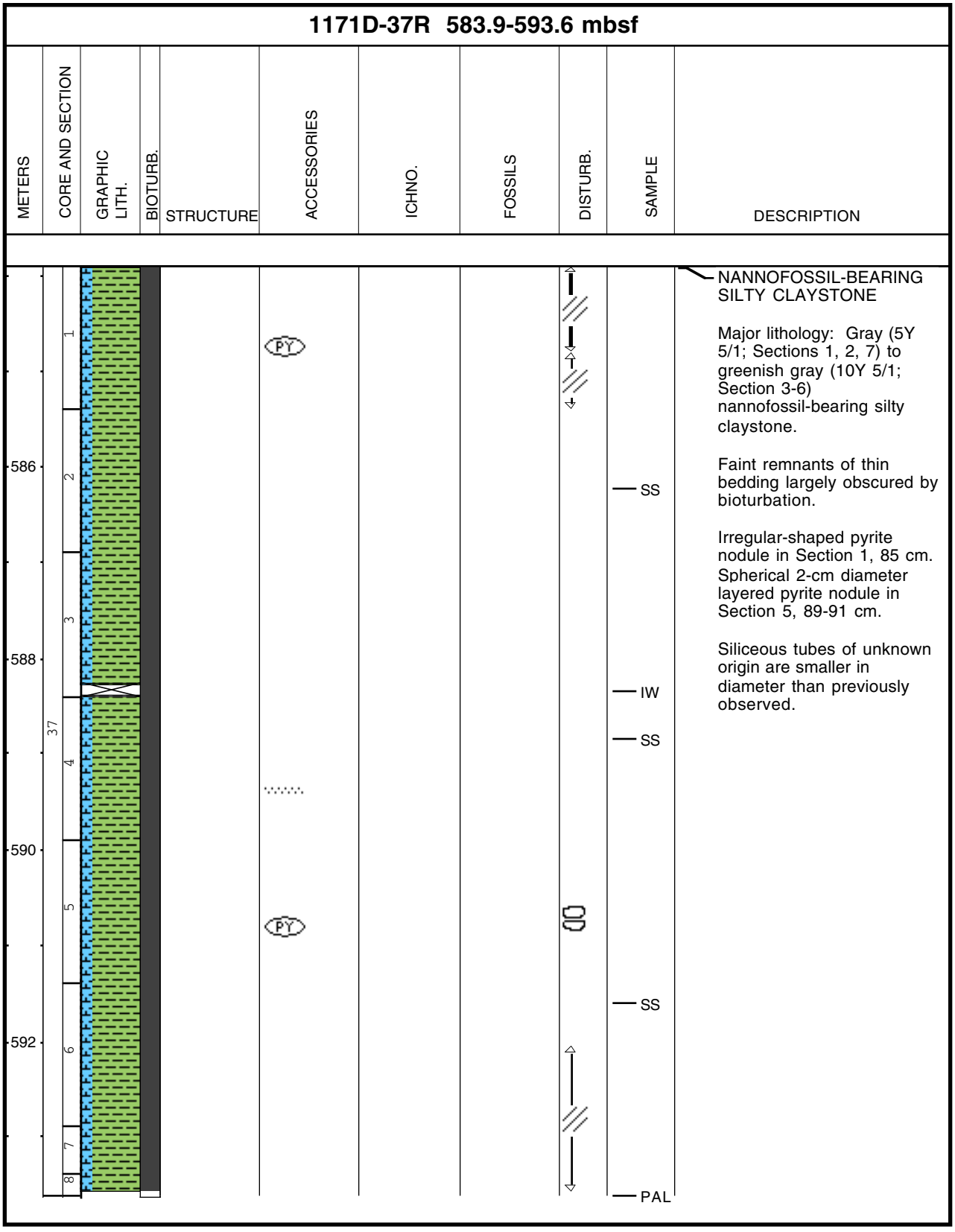
Core Photo


1171D-35R 564.7-574.30 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
566
568
570
572
35
1
2
3
4
5
6
7
8
Gl Py
PY
Gl
SS
PAL
CLAYSTONE
Major lithology: Alternating bands of dark olive (5Y 3/2) and dark greenish gray (10Y 5/1) claystone.
Small black grains and fine lenses throughout.

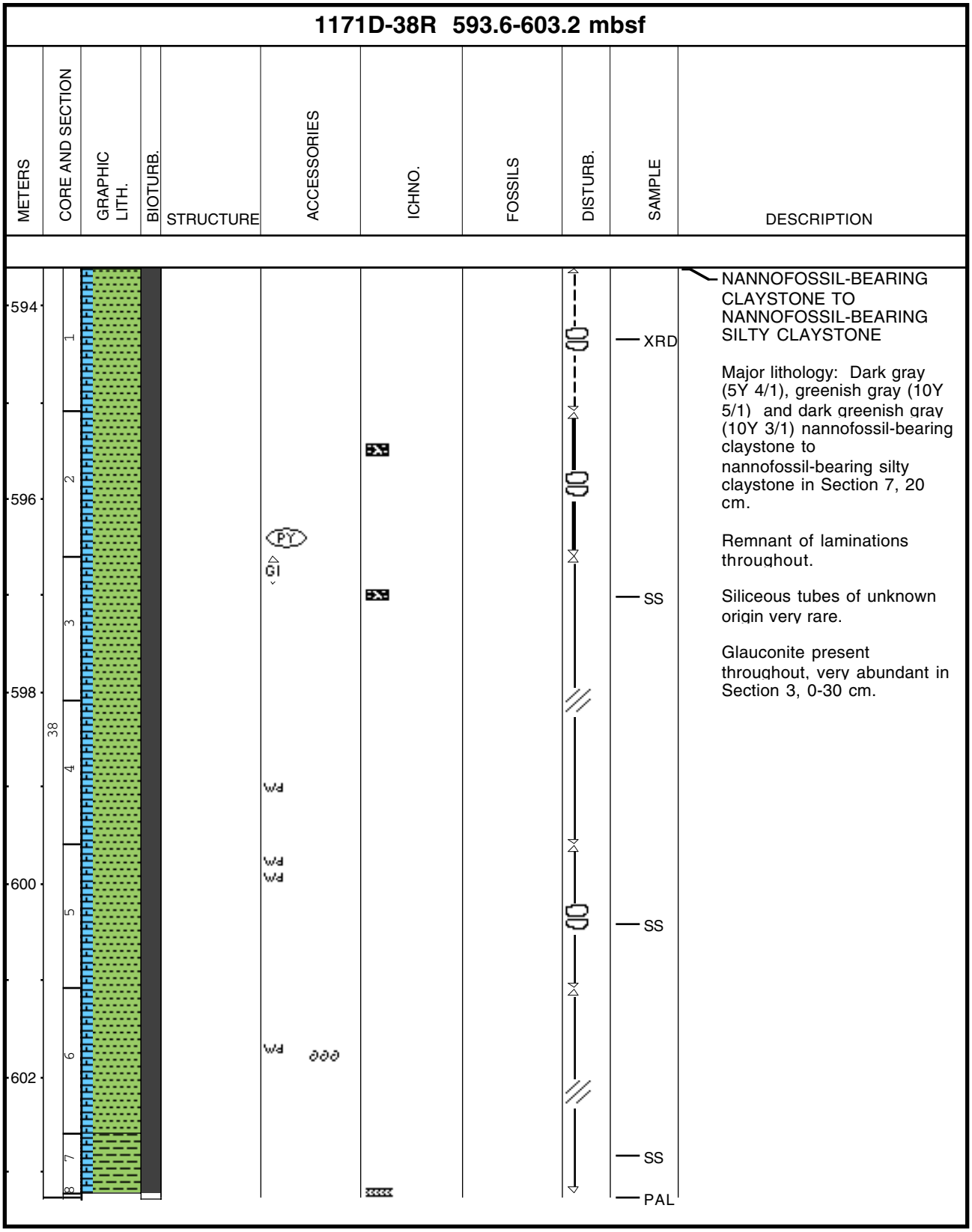
Core Photo


1171D-36R 574.3-583.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
576
578
580
582
584
36
1
2
3
4
5
6
7
8
SS
XRD
SS
SS
XRD
SS
SS
PAL
NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Dark greenish gray (10Y 4/1), greenish gray (10Y 5/1) and olive gray (5Y 5/2) nannofossil-bearing silty claystone to nannofossil-bearing claystone.
Minor lithology: Clayey siltstone in Section 4, 65 cm to a pyrite sandy siltstone in Section 4, 60 cm. Shell bed with large pyrite nodule in Section 4, 60-65 cm. Quartz content increases towards the top of the layer.
Siliceous tubes of unknown origin rare throughout. Large benthic foraminifers are occasionally visible.

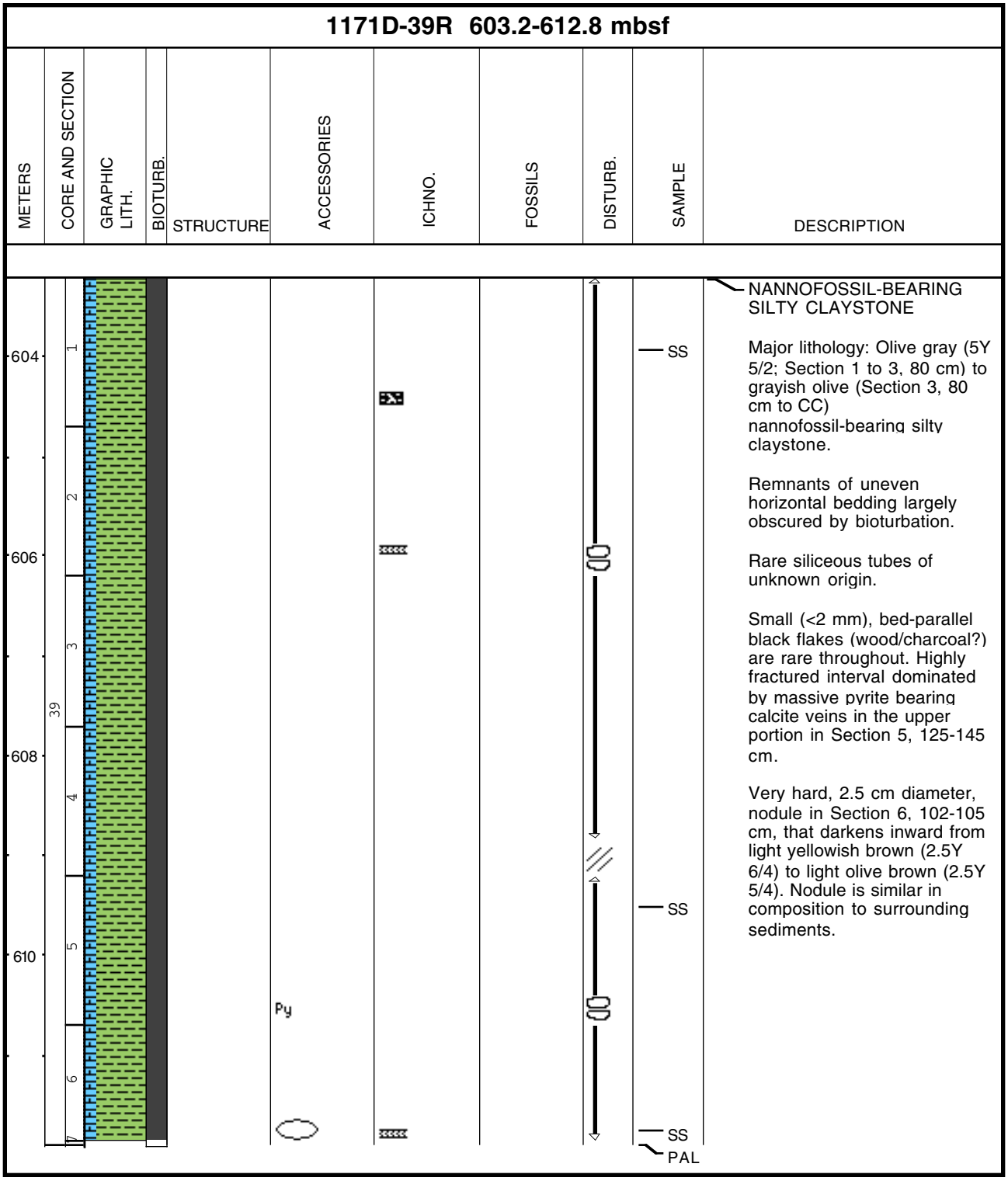
Core Photo


1171D-37R 583.9-593.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
586
588
590
592
37
1
2
3
4
5
6
7
8
PY
PY
SS
IW
SS
SS
PAL
NANNOFOSSIL-BEARING SILTY CLAYSTONE
Major lithology: Gray (5Y 5/1; Sections 1, 2, 7) to greenish gray (10Y 5/1; Section 3-6) nannofossil-bearing silty claystone.
Faint remnants of thin bedding largely obscured by bioturbation.
Irregular-shaped pyrite nodule in Section 1, 85 cm. Spherical 2-cm diameter layered pyrite nodule in Section 5, 89-91 cm.
Siliceous tubes of unknown origin are smaller in diameter than previously observed.

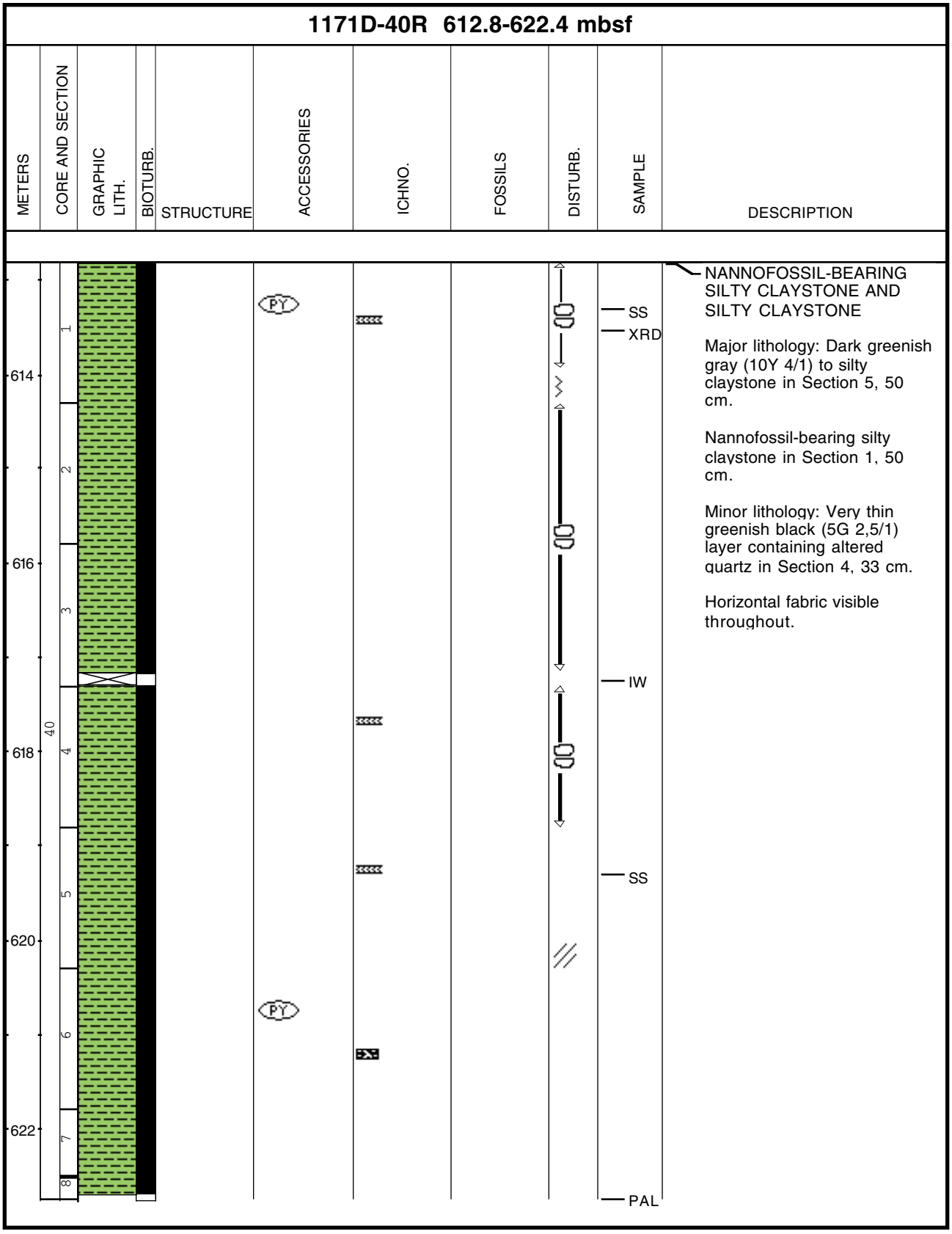
Core Photo


1171D-38R 593.6-603.2 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
594
596
598
600
602
38
1
2
3
4
5
6
7
8
PY
GI
XRD
SS
SS
SS
PAL
NANNOFOSSIL-BEARING CLAYSTONE TO NANNOFOSSIL-BEARING SILTY CLAYSTONE
Major lithology: Dark gray (5Y 4/1), greenish gray (10Y 5/1) and dark greenish gray (10Y 3/1) nannofossil-bearing claystone to nannofossil-bearing silty claystone in Section 7, 20 cm.
Remnant of laminations throughout.
Siliceous tubes of unknown origin very rare.
Glauconite present throughout, very abundant in Section 3, 0-30 cm.

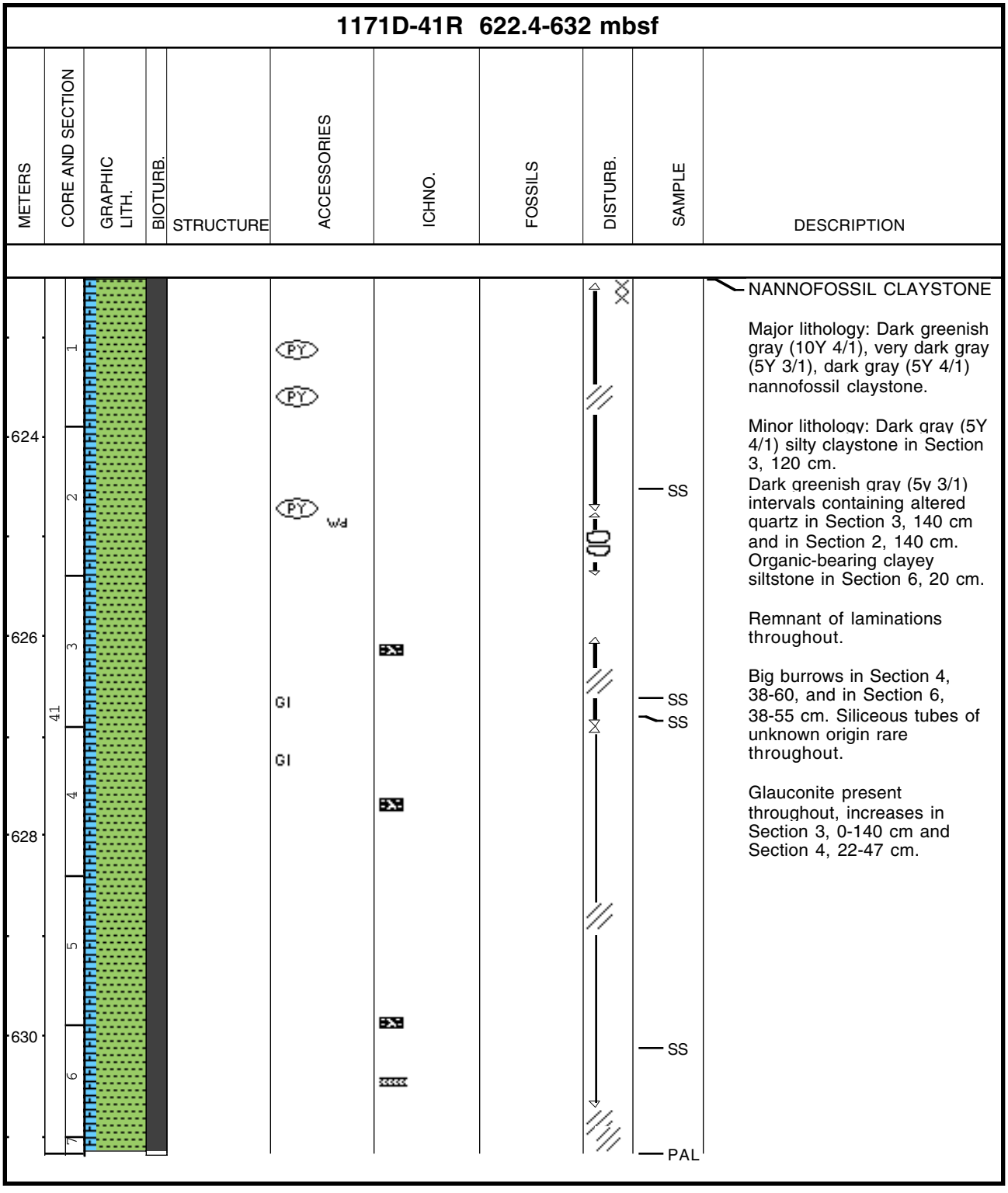
Core Photo


1171D-39R 603.2-612.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
604
606
608
610
39
1
2
3
4
5
6
7
Py
SS
SS
SS
PAL
NANNOFOSSIL-BEARING SILTY CLAYSTONE
Major lithology: Olive gray (5Y 5/2; Section 1 to 3, 80 cm) to grayish olive (Section 3, 80 cm to CC) nannofossil-bearing silty claystone.
Remnants of uneven horizontal bedding largely obscured by bioturbation.
Rare siliceous tubes of unknown origin.
Small (<2 mm), bed-parallel black flakes (wood/charcoal?) are rare throughout. Highly fractured interval dominated by massive pyrite bearing calcite veins in the upper portion in Section 5, 125-145 cm.
Very hard, 2.5 cm diameter, nodule in Section 6, 102-105 cm, that darkens inward from light yellowish brown (2.5Y 6/4) to light olive brown (2.5Y 5/4). Nodule is similar in composition to surrounding sediments.

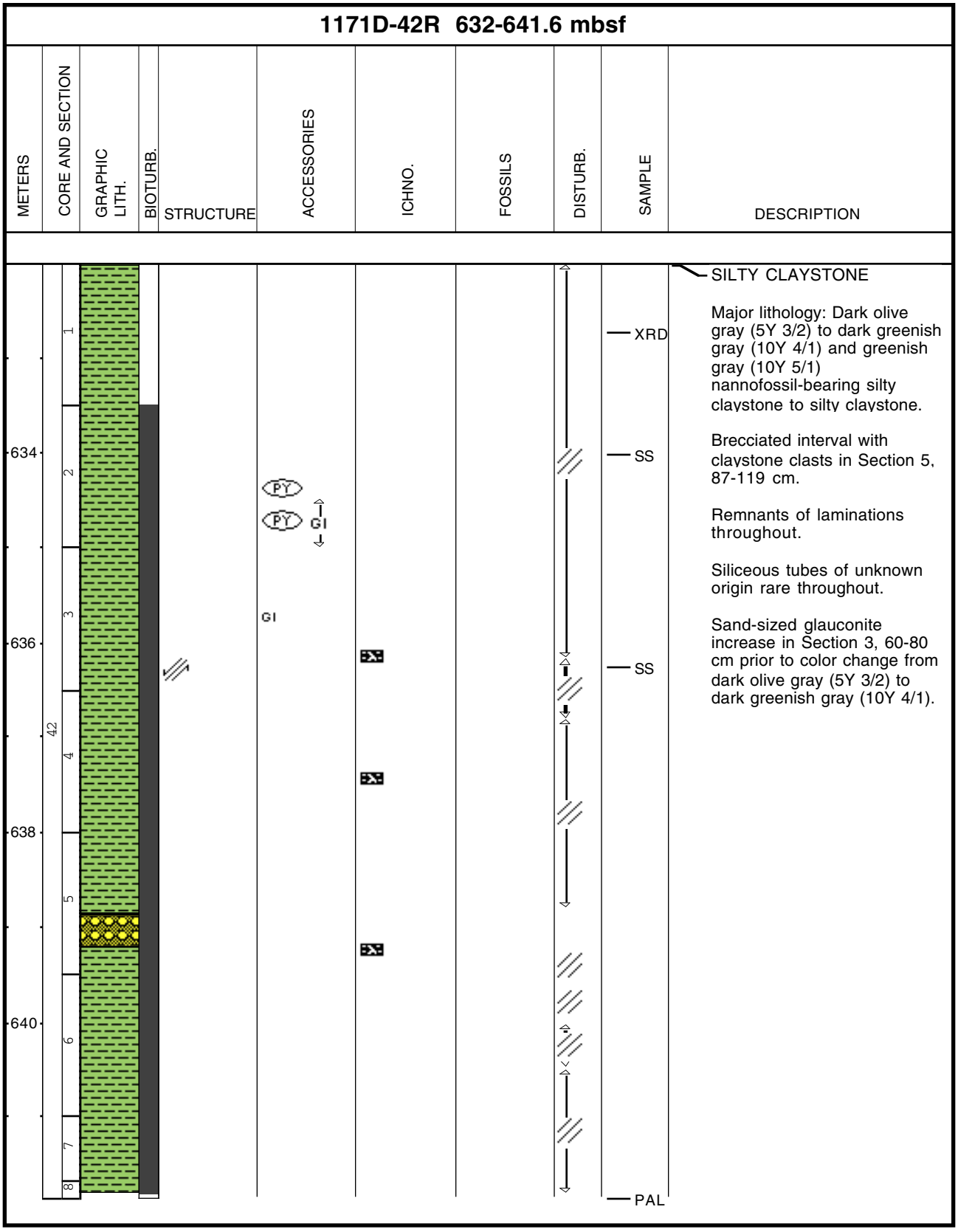
Core Photo


1171D-40R 612.8-622.4 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
614
616
618
620
622
40
1
2
3
4
5
6
7
8
PY
PY
SS
XRD
IW
SS
PAL
NANNOFOSSIL-BEARING SILTY CLAYSTONE AND SILTY CLAYSTONE
Major lithology: Dark greenish gray (10Y 4/1) to silty claystone in Section 5, 50 cm.
Nannofossil-bearing silty claystone in Section 1, 50 cm.
Minor lithology: Very thin greenish black (5G 2,5/1) layer containing altered quartz in Section 4, 33 cm.
Horizontal fabric visible throughout.

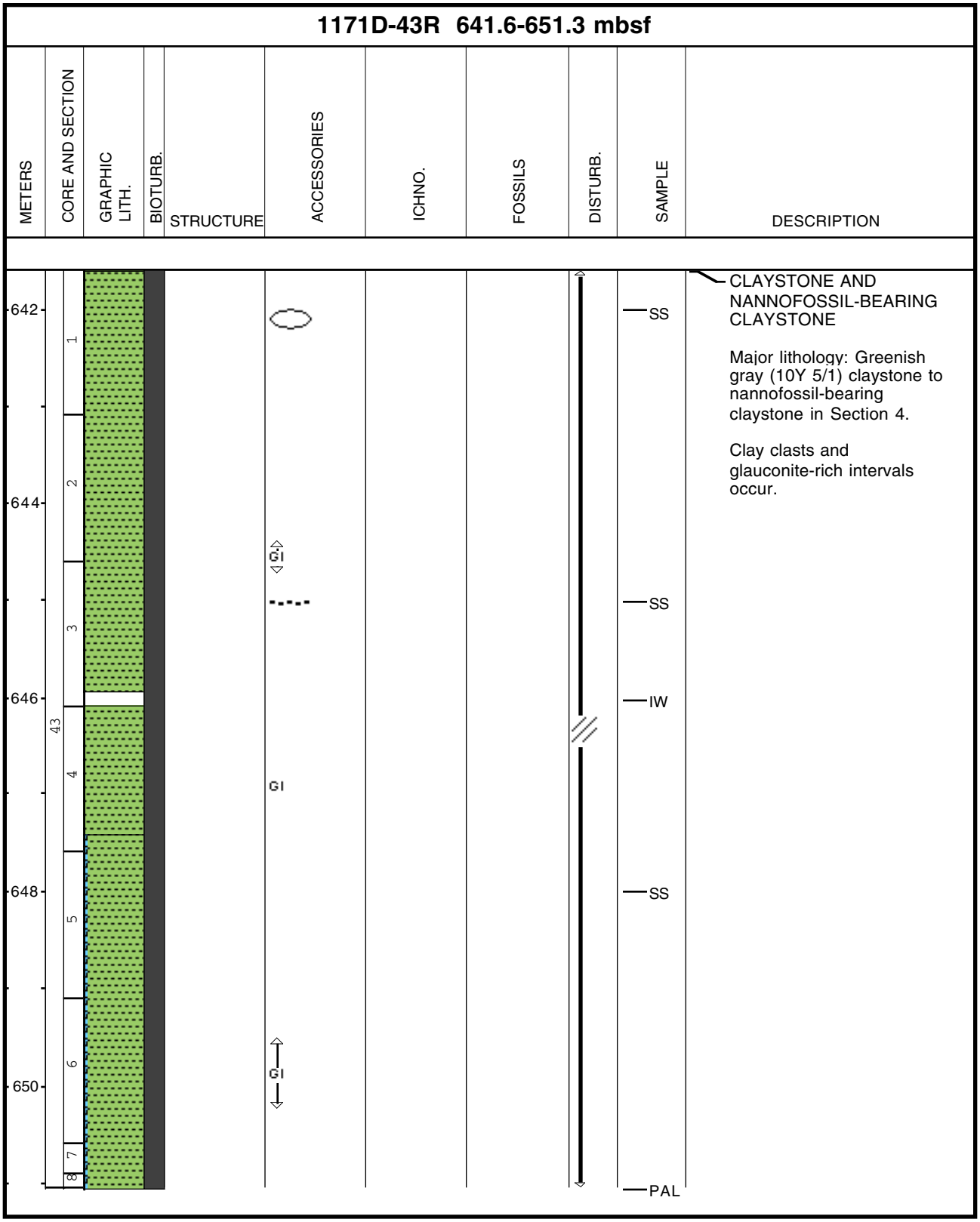
Core Photo


1171D-41R 622.4-632 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
624
626
628
630
41
1
2
3
4
5
6
7
PY
PY
PY
Wd
Gl
Gl
SS
SS
SS
SS
PAL
NANNOFOSSIL CLAYSTONE
Major lithology: Dark greenish gray (10Y 4/1), very dark gray (5Y 3/1), dark gray (5Y 4/1) nannofossil claystone.
Minor lithology: Dark gray (5Y 4/1) silty claystone in Section 3, 120 cm.
Dark greenish gray (5y 3/1) intervals containing altered quartz in Section 3, 140 cm and in Section 2, 140 cm.
Organic-bearing clayey siltstone in Section 6, 20 cm.
Remnant of laminations throughout.
Big burrows in Section 4, 38-60, and in Section 6, 38-55 cm. Siliceous tubes of unknown origin rare throughout.
Glauconite present throughout, increases in Section 3, 0-140 cm and Section 4, 22-47 cm.

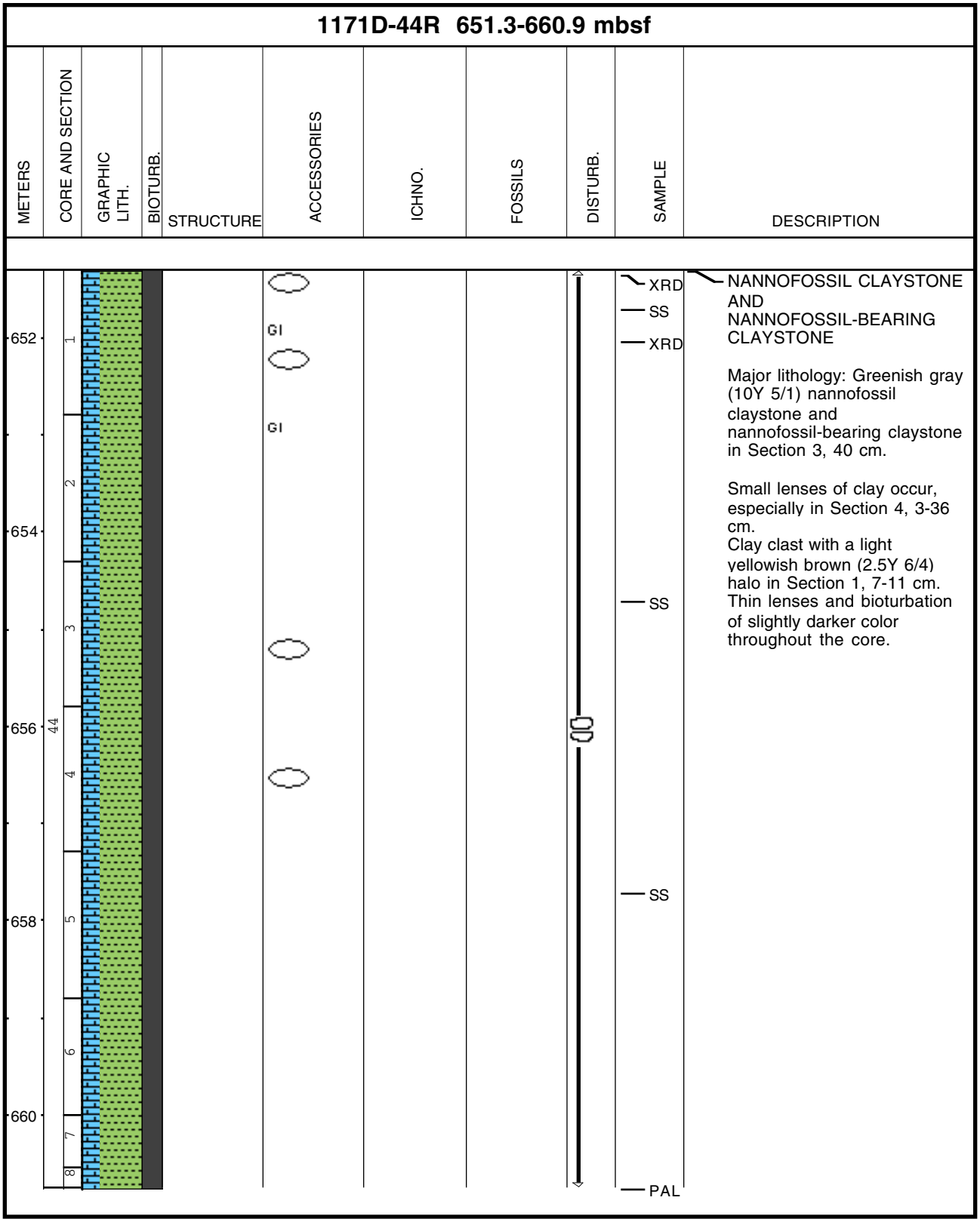
Core Photo


1171D-42R 632-641.6 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
634
636
638
640
42
1
2
3
4
5
6
7
8
PY
PY
GI
GI
XRD
SS
SS
PAL
SILTY CLAYSTONE
Major lithology: Dark olive gray (5Y 3/2) to dark greenish gray (10Y 4/1) and greenish gray (10Y 5/1) nannofossil-bearing silty claystone to silty claystone.
Brecciated interval with claystone clasts in Section 5, 87-119 cm.
Remnants of laminations throughout.
Siliceous tubes of unknown origin rare throughout.
Sand-sized glauconite increase in Section 3, 60-80 cm prior to color change from dark olive gray (5Y 3/2) to dark greenish gray (10Y 4/1).

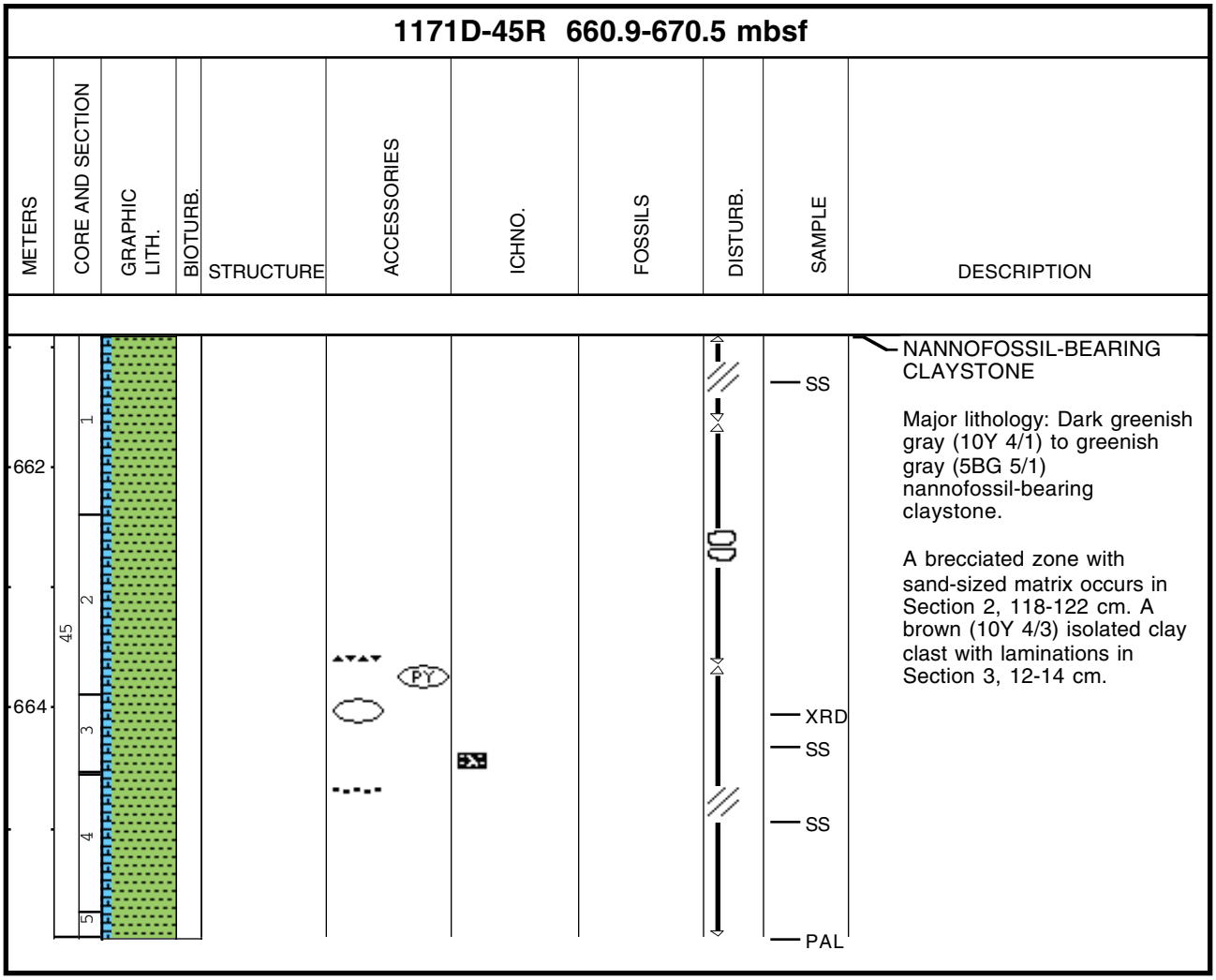
Core Photo


1171D-43R 641.6-651.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
642
644
646
648
650
43
1
2
3
4
5
6
7
8
GI
GI
GI
SS
SS
IW
SS
PAL
CLAYSTONE AND NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Greenish gray (10Y 5/1) claystone to nannofossil-bearing claystone in Section 4.
Clay clasts and glauconite-rich intervals occur.

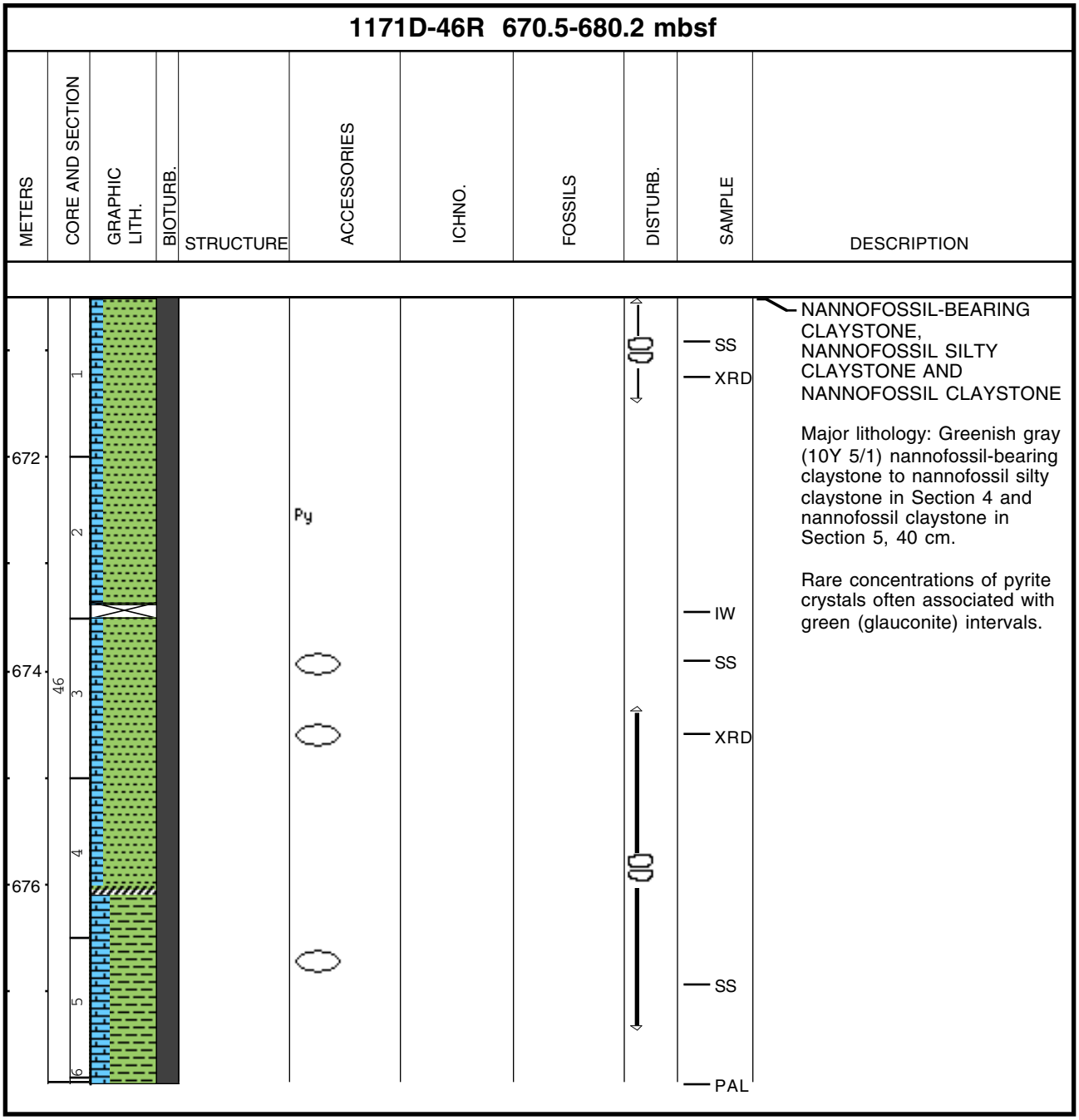
Core Photo


1171D-44R 651.3-660.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
652
654
656
658
660
44
1
2
3
4
5
6
7
8
GI
GI
XRD
SS
XRD
SS
SS
PAL
NANNOFOSSIL CLAYSTONE AND NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Greenish gray (10Y 5/1) nannofossil claystone and nannofossil-bearing claystone in Section 3, 40 cm.
Small lenses of clay occur, especially in Section 4, 3-36 cm.
Clay clast with a light yellowish brown (2.5Y 6/4) halo in Section 1, 7-11 cm.
Thin lenses and bioturbation of slightly darker color throughout the core.

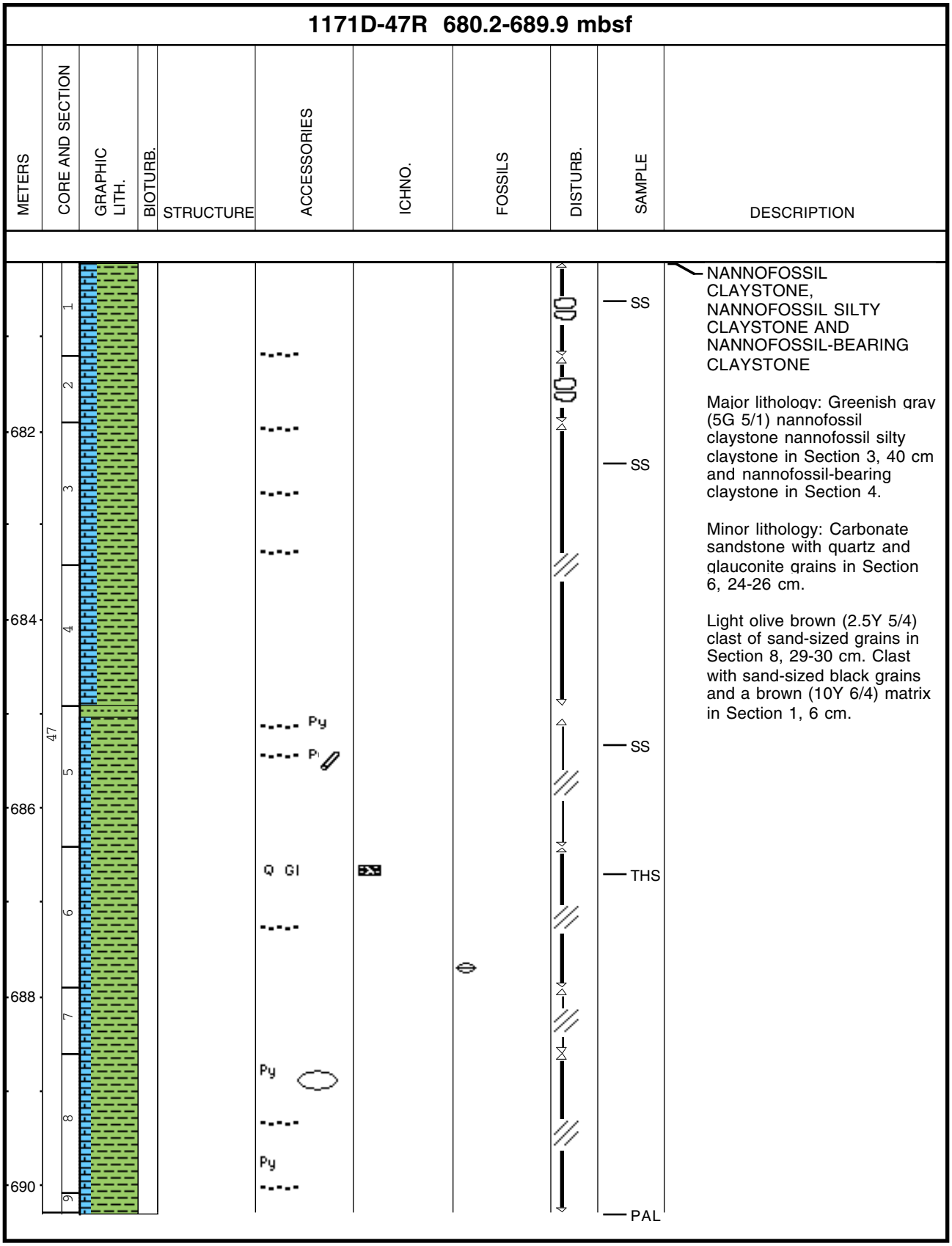
Core Photo


1171D-45R 660.9-670.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
662
664
45
1
2
3
4
5
PY
SS
XRD
SS
SS
PAL
NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Dark greenish gray (10Y 4/1) to greenish gray (5BG 5/1) nannofossil-bearing claystone.
A brecciated zone with sand-sized matrix occurs in Section 2, 118-122 cm. A brown (10Y 4/3) isolated clay clast with laminations in Section 3, 12-14 cm.

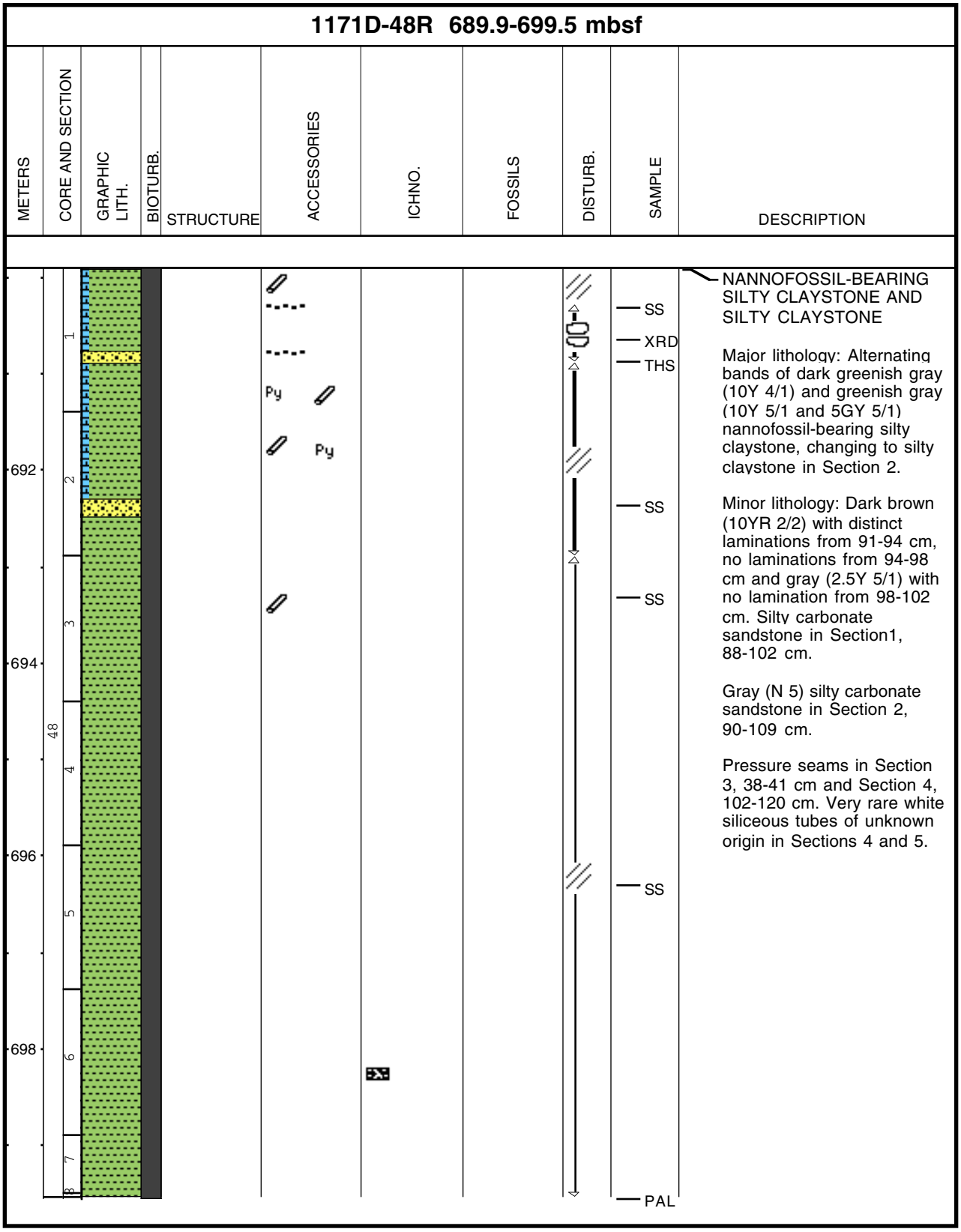
Core Photo


1171D-46R 670.5-680.2 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
672
674
676
46
1
2
3
4
5
6
Py
SS
XRD
IW
SS
XRD
SS
PAL
NANNOFOSSIL-BEARING CLAYSTONE, NANNOFOSSIL SILTY CLAYSTONE AND NANNOFOSSIL CLAYSTONE
Major lithology: Greenish gray (10Y 5/1) nannofossil-bearing claystone to nannofossil silty claystone in Section 4 and nannofossil claystone in Section 5, 40 cm.
Rare concentrations of pyrite crystals often associated with green (glauconite) intervals.

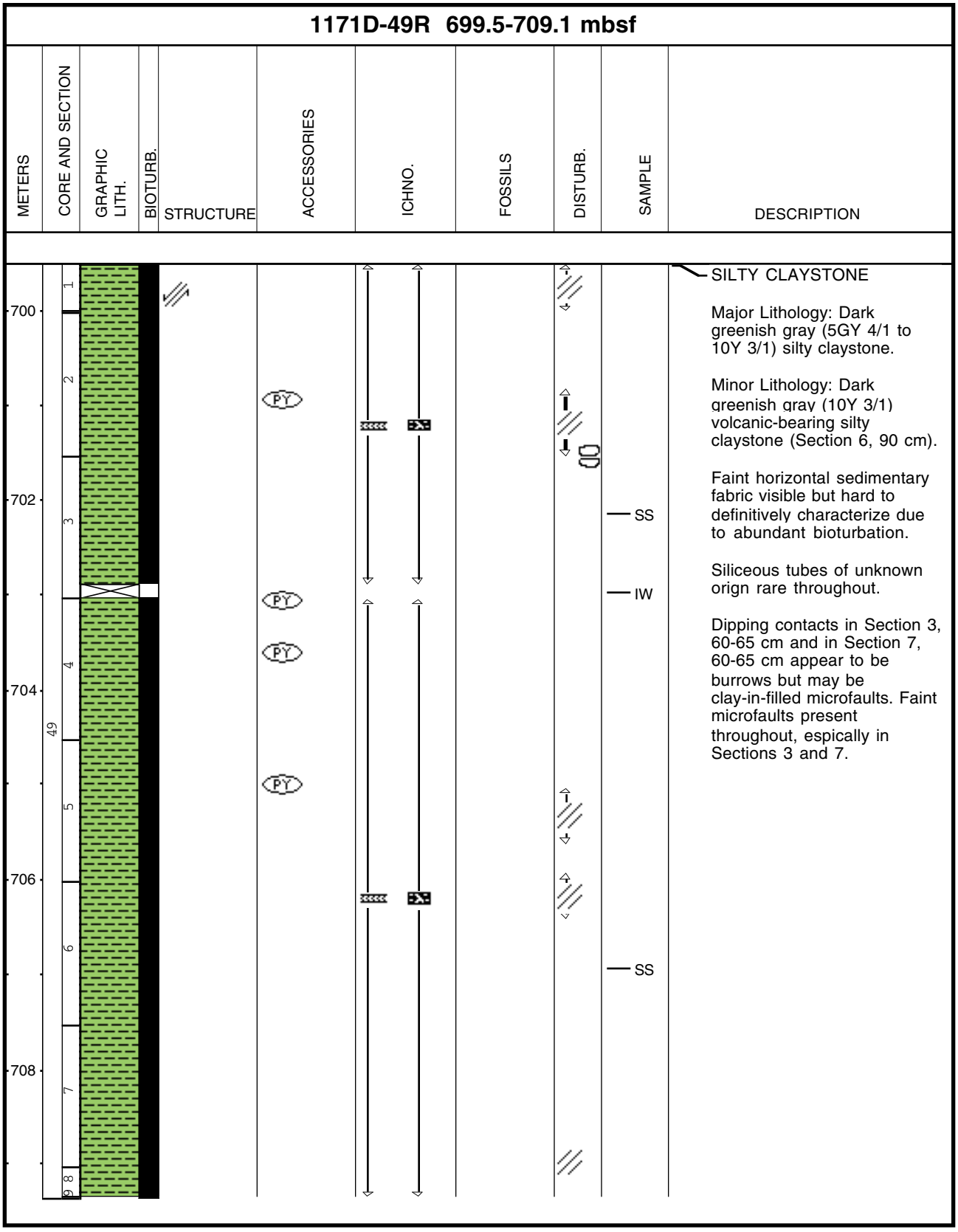
Core Photo


1171D-47R 680.2-689.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
682
684
686
688
690
47
1
2
3
4
5
6
7
8
9
Py
Pl
Q Gl
Py
Py
SS
SS
SS
THS
PAL
NANNOFOSSIL CLAYSTONE, NANNOFOSSIL SILTY CLAYSTONE AND NANNOFOSSIL-BEARING CLAYSTONE
Major lithology: Greenish gray (5G 5/1) nannofossil claystone nannofossil silty claystone in Section 3, 40 cm and nannofossil-bearing claystone in Section 4.
Minor lithology: Carbonate sandstone with quartz and glauconite grains in Section 6, 24-26 cm.
Light olive brown (2.5Y 5/4) clast of sand-sized grains in Section 8, 29-30 cm. Clast with sand-sized black grains and a brown (10Y 6/4) matrix in Section 1, 6 cm.

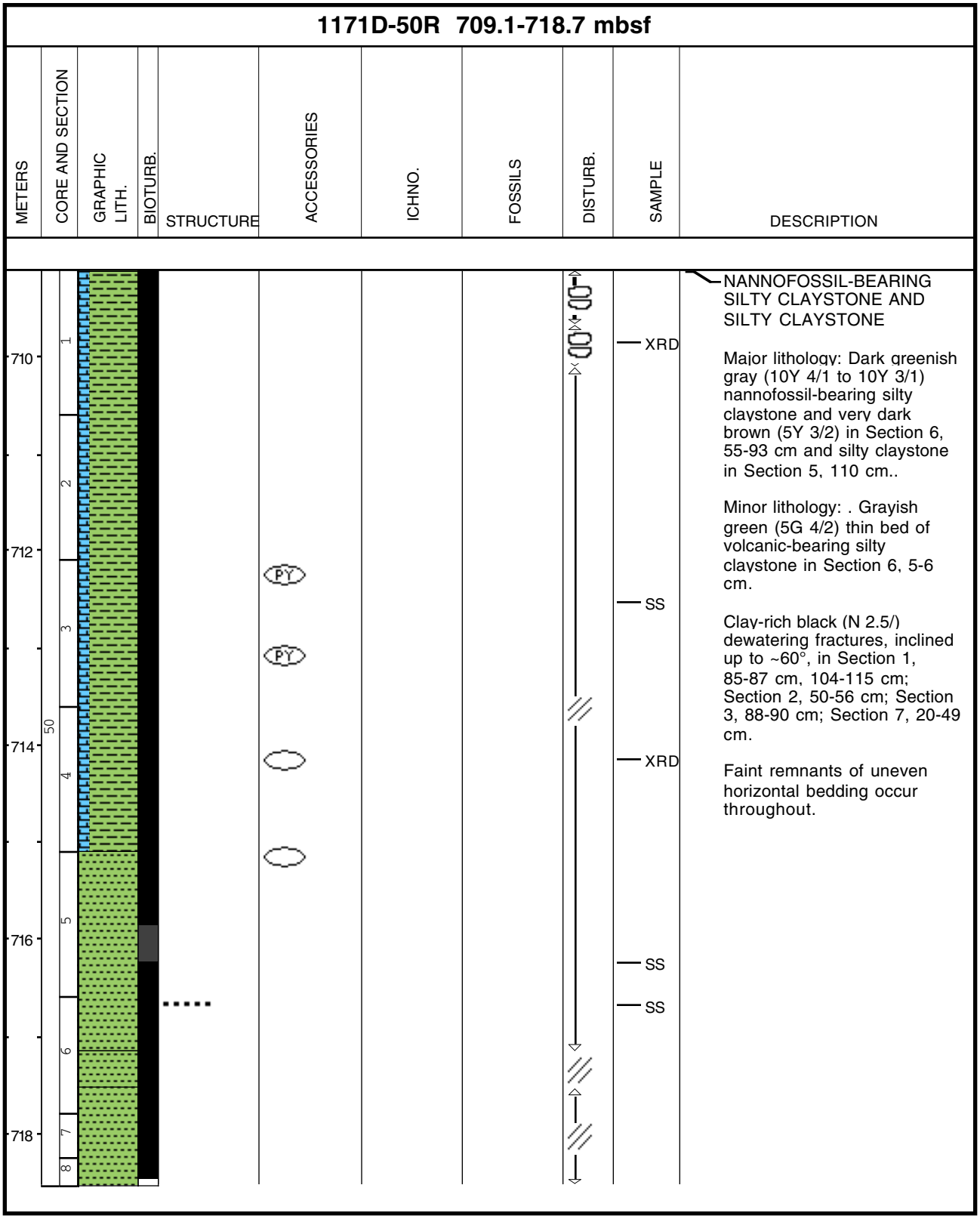
Core Photo


1171D-48R 689.9-699.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
692
694
696
698
48
1
2
3
4
5
6
7
8
Py
Py
SS
XRD
THS
SS
SS
SS
PAL
NANNOFOSSIL-BEARING SILTY CLAYSTONE AND SILTY CLAYSTONE
Major lithology: Alternating bands of dark greenish gray (10Y 4/1) and greenish gray (10Y 5/1 and 5GY 5/1) nannofossil-bearing silty claystone, changing to silty claystone in Section 2.
Minor lithology: Dark brown (10YR 2/2) with distinct laminations from 91-94 cm, no laminations from 94-98 cm and gray (2.5Y 5/1) with no lamination from 98-102 cm. Silty carbonate sandstone in Section1, 88-102 cm.
Gray (N 5) silty carbonate sandstone in Section 2, 90-109 cm.
Pressure seams in Section 3, 38-41 cm and Section 4, 102-120 cm. Very rare white siliceous tubes of unknown origin in Sections 4 and 5.

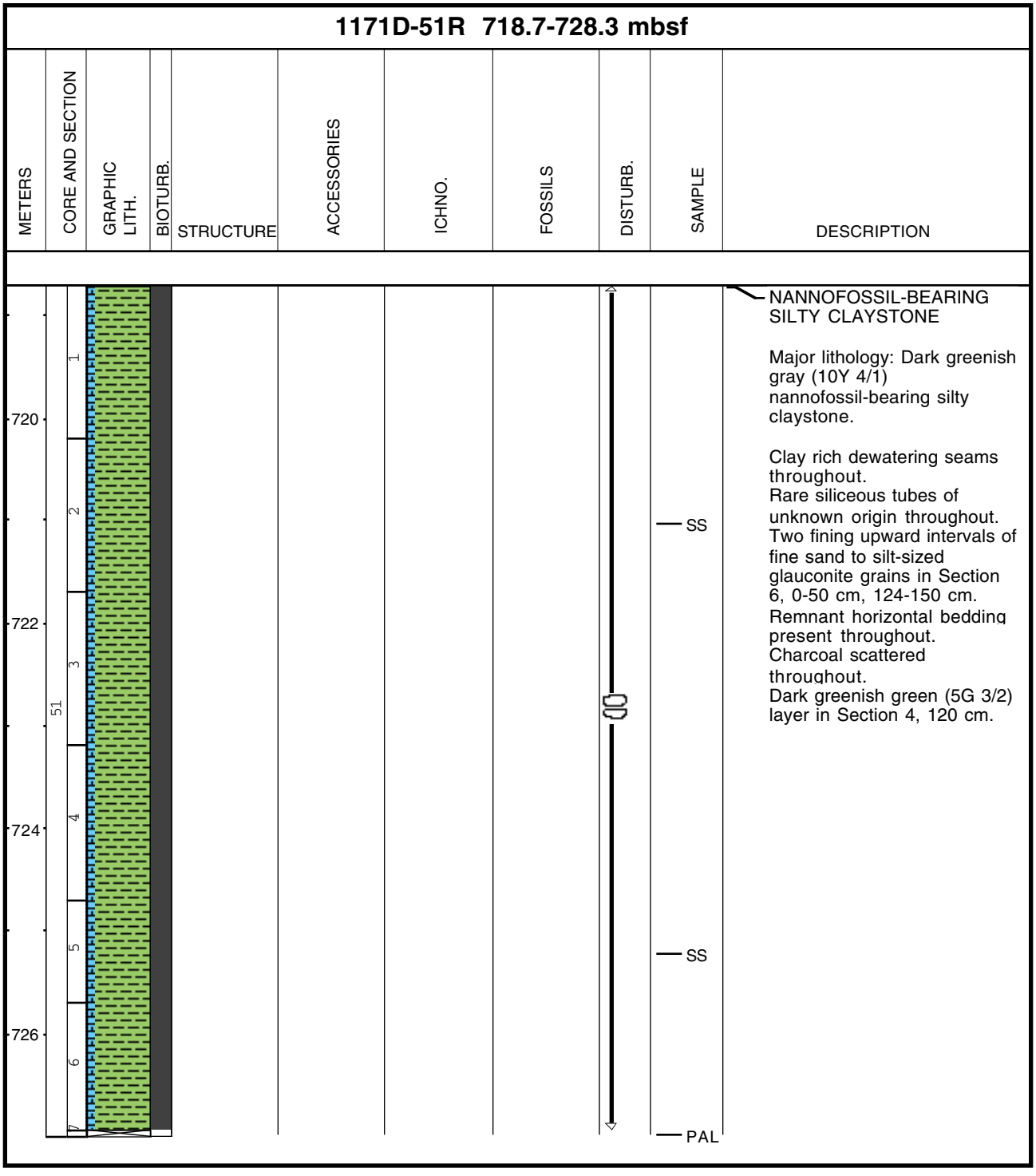
Core Photo


1171D-49R 699.5-709.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
700
702
704
706
708
49
1
2
3
4
5
6
7
8
9
PY
SS
IW
SS
SILTY CLAYSTONE
Major Lithology: Dark greenish gray (5GY 4/1 to 10Y 3/1) silty claystone.
Minor Lithology: Dark greenish gray (10Y 3/1) volcanic-bearing silty claystone (Section 6, 90 cm).
Faint horizontal sedimentary fabric visible but hard to definitively characterize due to abundant bioturbation.
Siliceous tubes of unknown origin rare throughout.
Dipping contacts in Section 3, 60-65 cm and in Section 7, 60-65 cm appear to be burrows but may be clay-in-filled microfaults. Faint microfaults present throughout, espically in Sections 3 and 7.

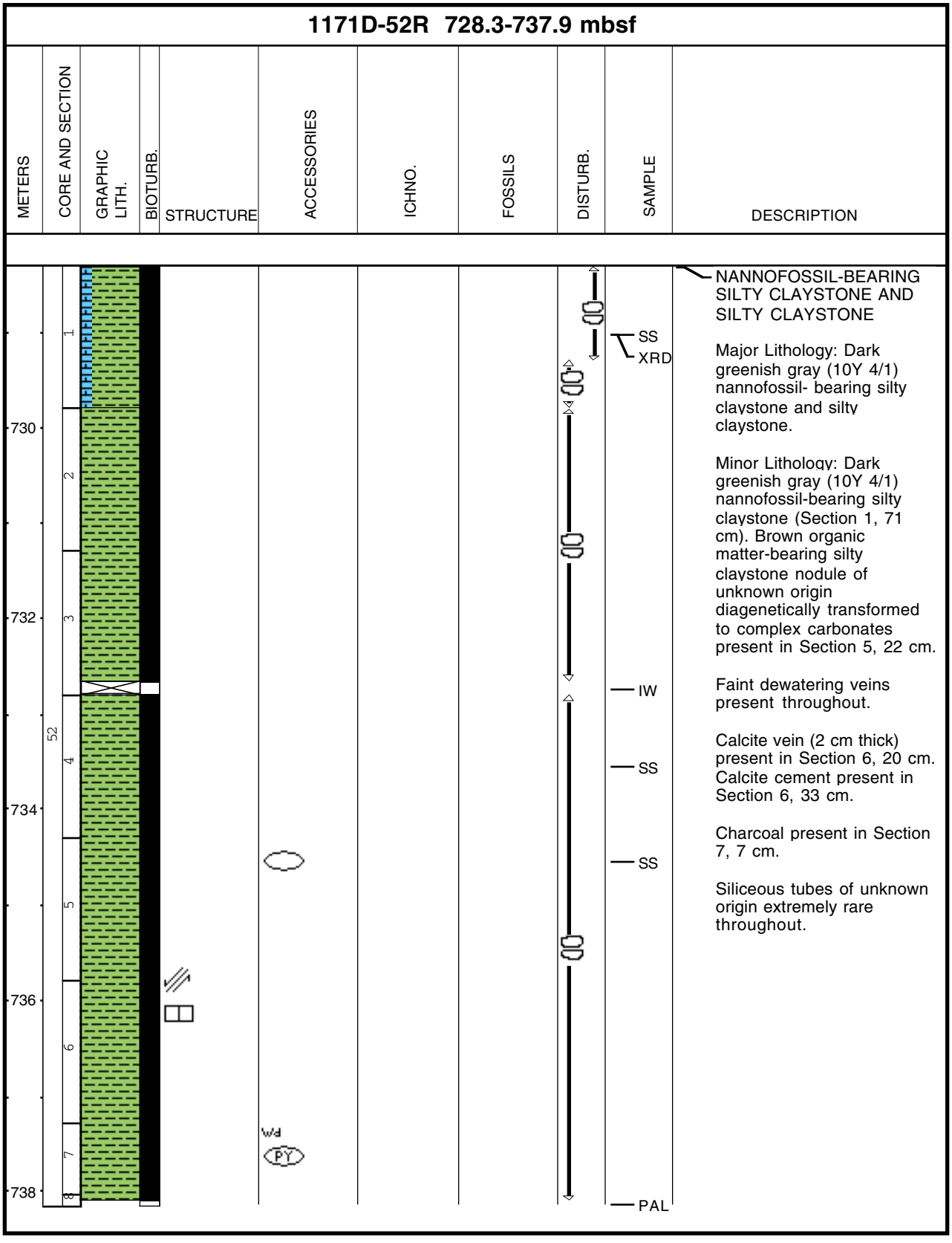
Core Photo


1171D-50R 709.1-718.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
710
712
714
716
718
50
1
2
3
4
5
6
7
8
PY
PY
XRD
SS
XRD
SS
SS
NANNOFOSSIL-BEARING SILTY CLAYSTONE AND SILTY CLAYSTONE
Major lithology: Dark greenish gray (10Y 4/1 to 10Y 3/1) nannofossil-bearing silty claystone and very dark brown (5Y 3/2) in Section 6, 55-93 cm and silty claystone in Section 5, 110 cm..
Minor lithology: . Grayish green (5G 4/2) thin bed of volcanic-bearing silty claystone in Section 6, 5-6 cm.
Clay-rich black (N 2.5/) dewatering fractures, inclined up to ~60°, in Section 1, 85-87 cm, 104-115 cm; Section 2, 50-56 cm; Section 3, 88-90 cm; Section 7, 20-49 cm.
Faint remnants of uneven horizontal bedding occur throughout.

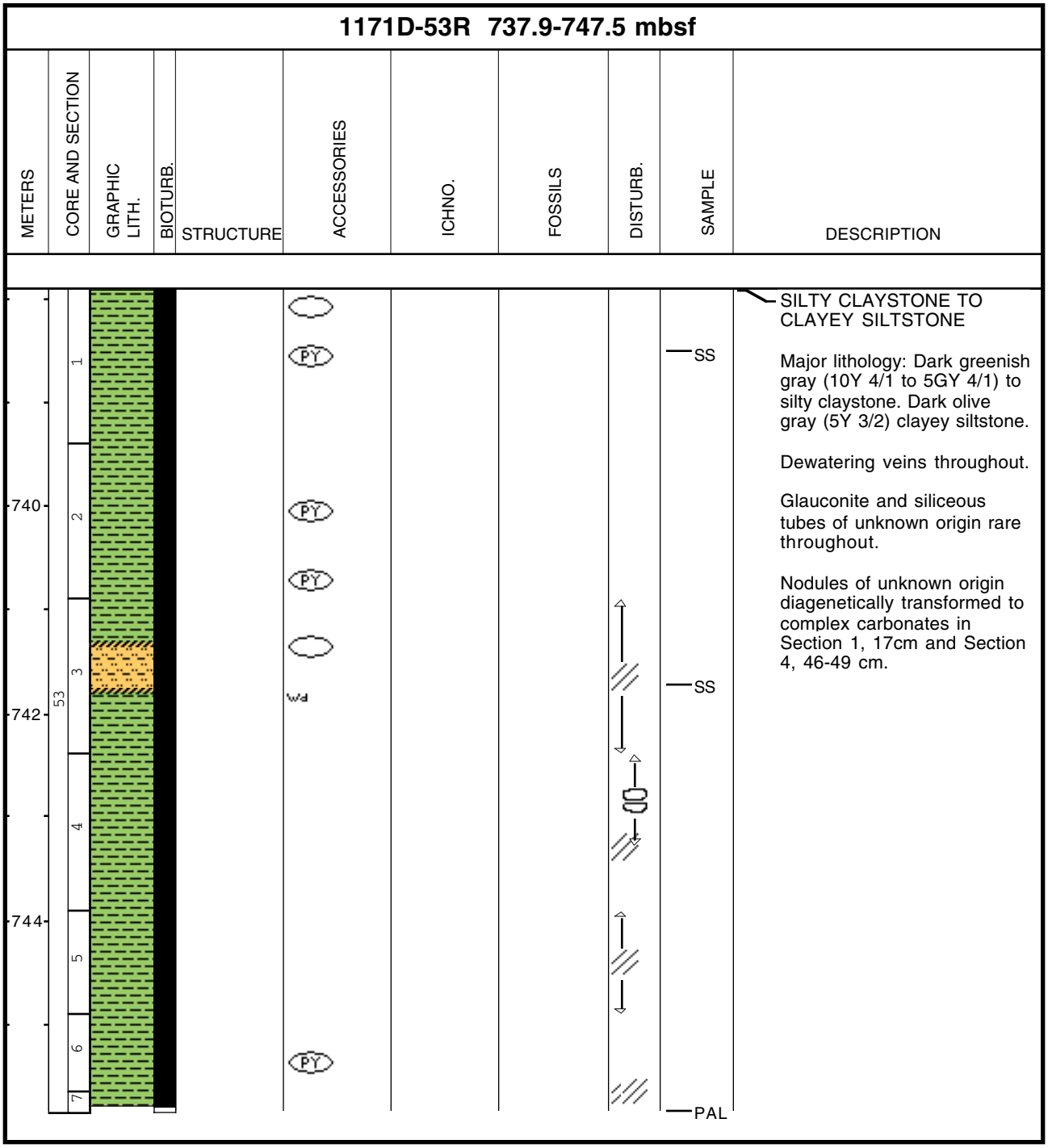
Core Photo


1171D-51R 718.7-728.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
720
722
724
726
51
1
2
3
4
5
6
7
SS
SS
PAL
NANNOFOSSIL-BEARING SILTY CLAYSTONE
Major lithology: Dark greenish gray (10Y 4/1) nannofossil-bearing silty claystone.
Clay rich dewatering seams throughout.
Rare siliceous tubes of unknown origin throughout.
Two fining upward intervals of fine sand to silt-sized glauconite grains in Section 6, 0-50 cm, 124-150 cm.
Remnant horizontal bedding present throughout.
Charcoal scattered throughout.
Dark greenish green (5G 3/2) layer in Section 4, 120 cm.

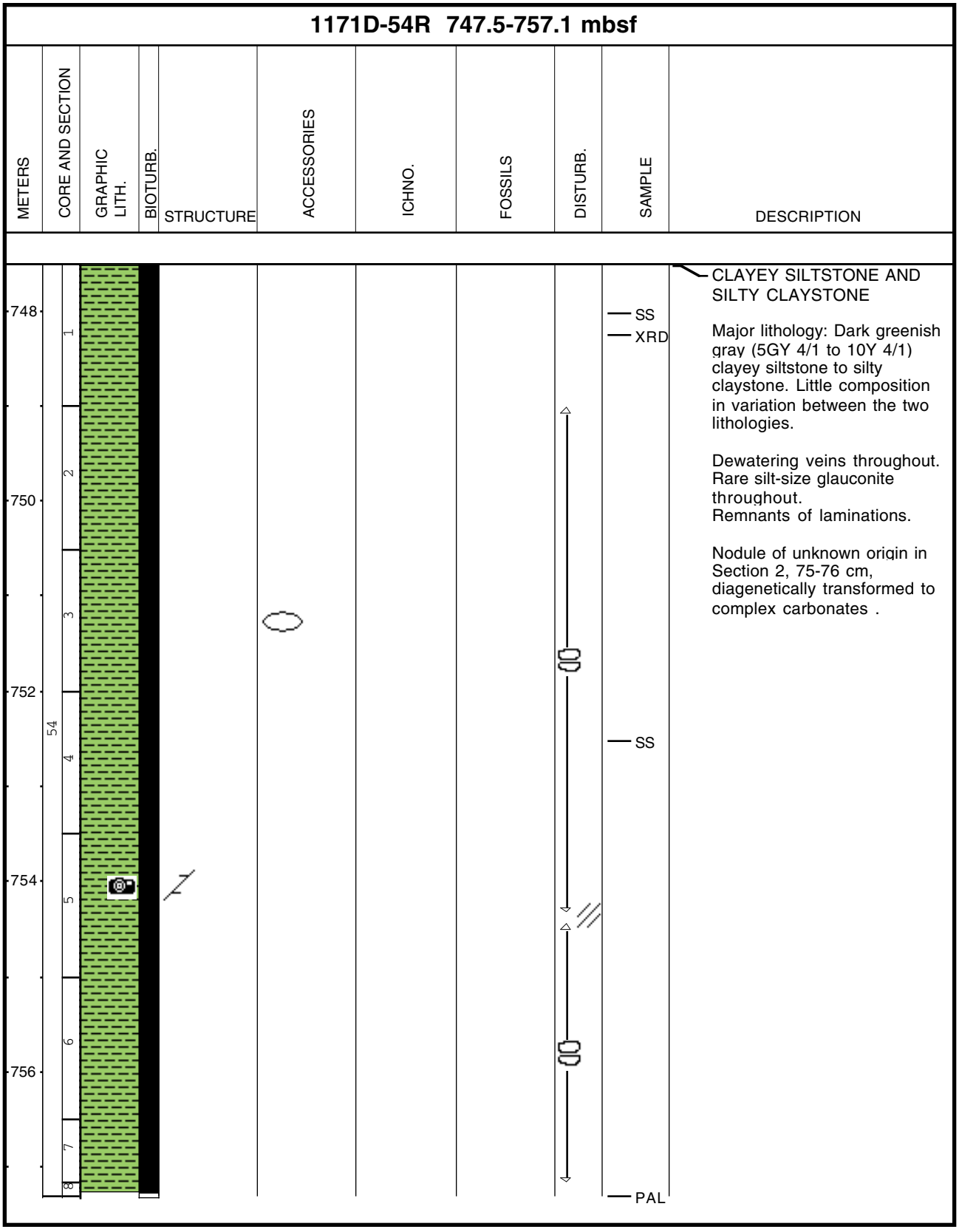
Core Photo


1171D-52R 728.3-737.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
730
732
734
736
738
52
1
2
3
4
5
6
7
8
SS
XRD
IW
SS
SS
PAL
Wd
PY
NANNOFOSSIL-BEARING SILTY CLAYSTONE AND SILTY CLAYSTONE
Major Lithology: Dark greenish gray (10Y 4/1) nannofossil- bearing silty claystone and silty claystone.
Minor Lithology: Dark greenish gray (10Y 4/1) nannofossil-bearing silty claystone (Section 1, 71 cm). Brown organic matter-bearing silty claystone nodule of unknown origin diagenetically transformed to complex carbonates present in Section 5, 22 cm.
Faint dewatering veins present throughout.
Calcite vein (2 cm thick) present in Section 6, 20 cm. Calcite cement present in Section 6, 33 cm.
Charcoal present in Section 7, 7 cm.
Siliceous tubes of unknown origin extremely rare throughout.

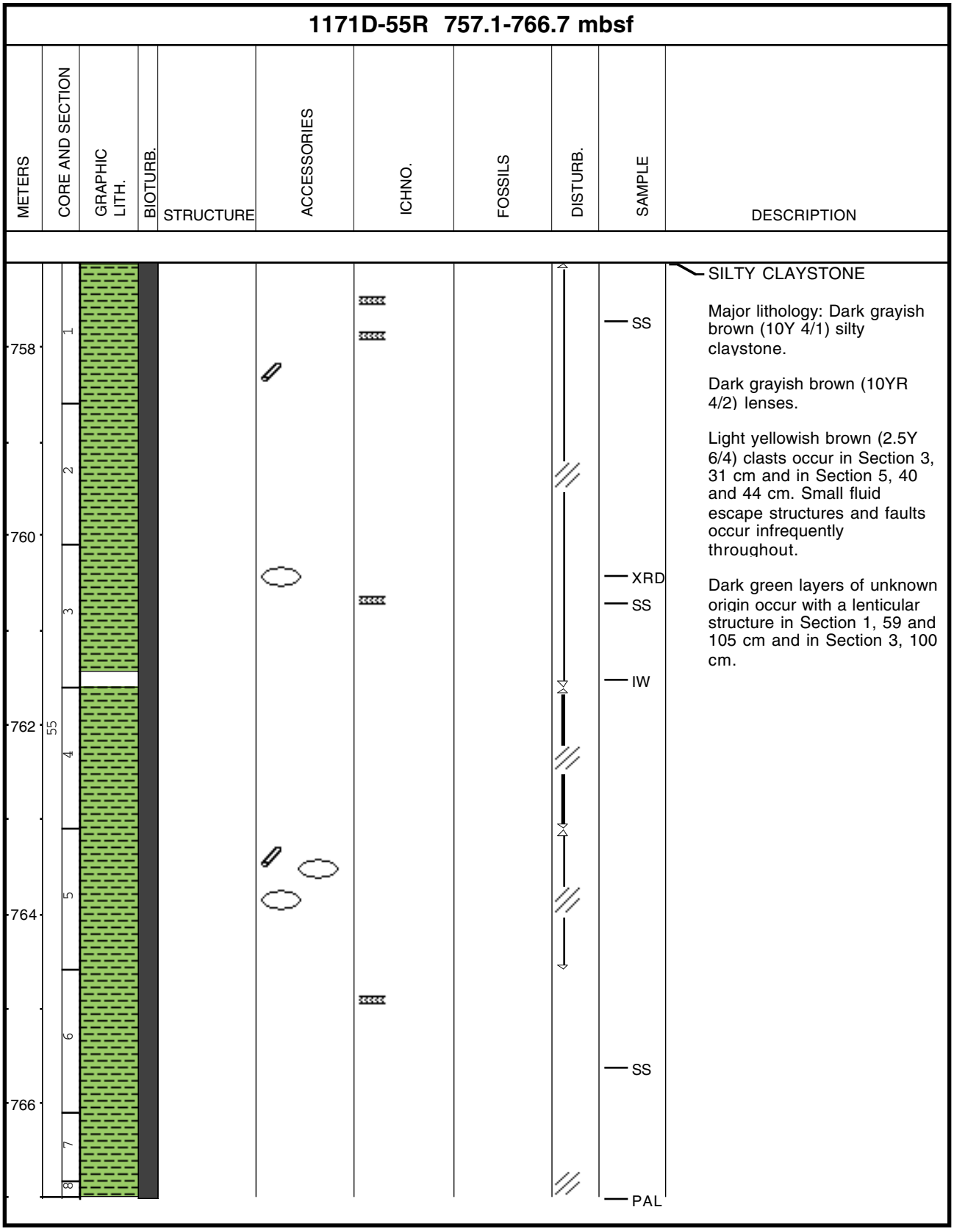
Core Photo


1171D-53R 737.9-747.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
740
742
744
53
1
2
3
4
5
6
7
PY
PY
PY
PY
wd
SS
SS
PAL
SILTY CLAYSTONE TO CLAYEY SILTSTONE
Major lithology: Dark greenish gray (10Y 4/1 to 5GY 4/1) to silty claystone. Dark olive gray (5Y 3/2) clayey siltstone.
Dewatering veins throughout.
Glauconite and siliceous tubes of unknown origin rare throughout.
Nodules of unknown origin diagenetically transformed to complex carbonates in Section 1, 17cm and Section 4, 46-49 cm.

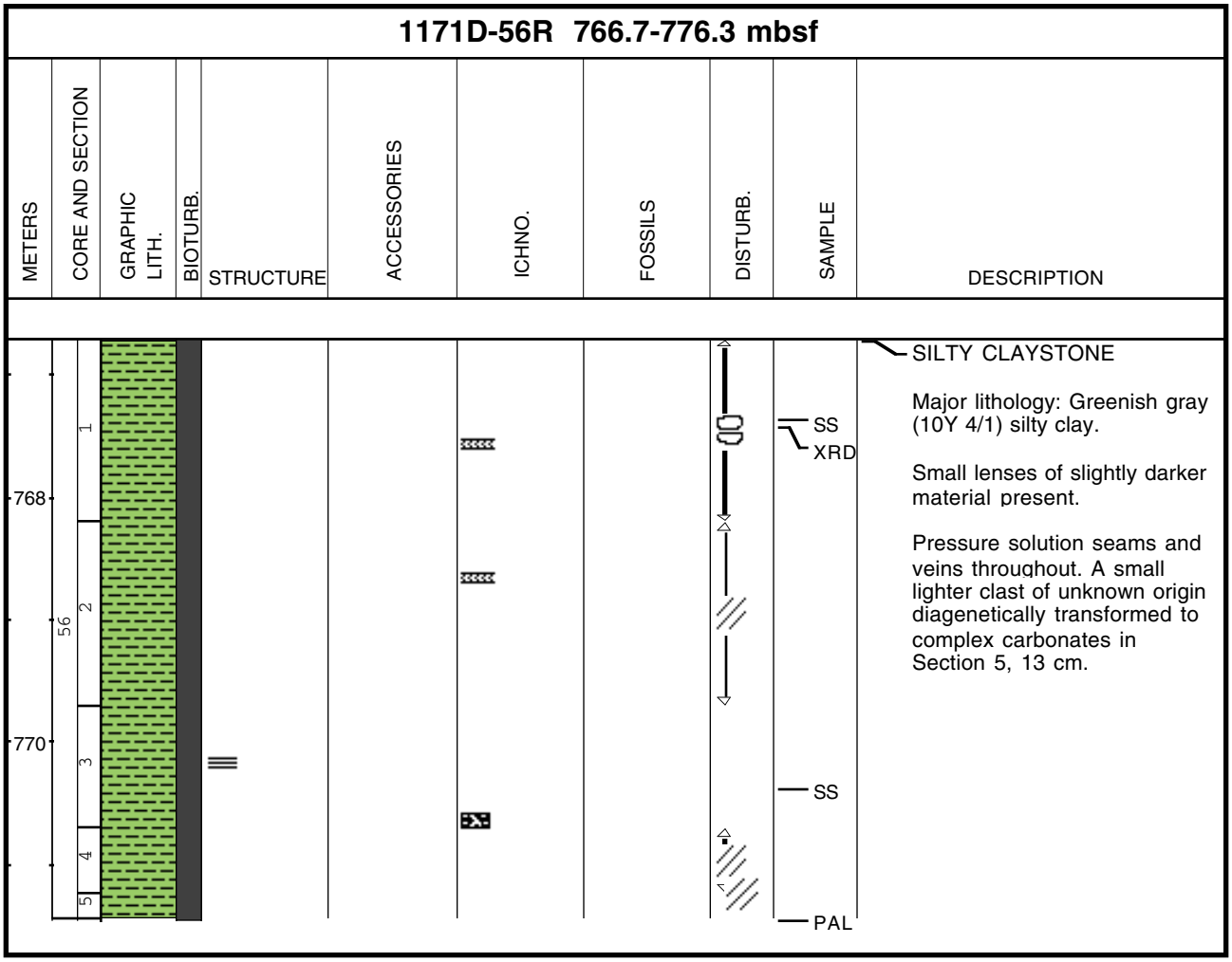
Core Photo


1171D-54R 747.5-757.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
748
750
752
754
756
54
1
2
3
4
5
6
7
8
SS
XRD
SS
PAL
CLAYEY SILTSTONE AND SILTY CLAYSTONE
Major lithology: Dark greenish gray (5GY 4/1 to 10Y 4/1) clayey siltstone to silty claystone. Little composition in variation between the two lithologies.
Dewatering veins throughout.
Rare silt-size glauconite throughout.
Remnants of laminations.
Nodule of unknown origin in Section 2, 75-76 cm, diagenetically transformed to complex carbonates .

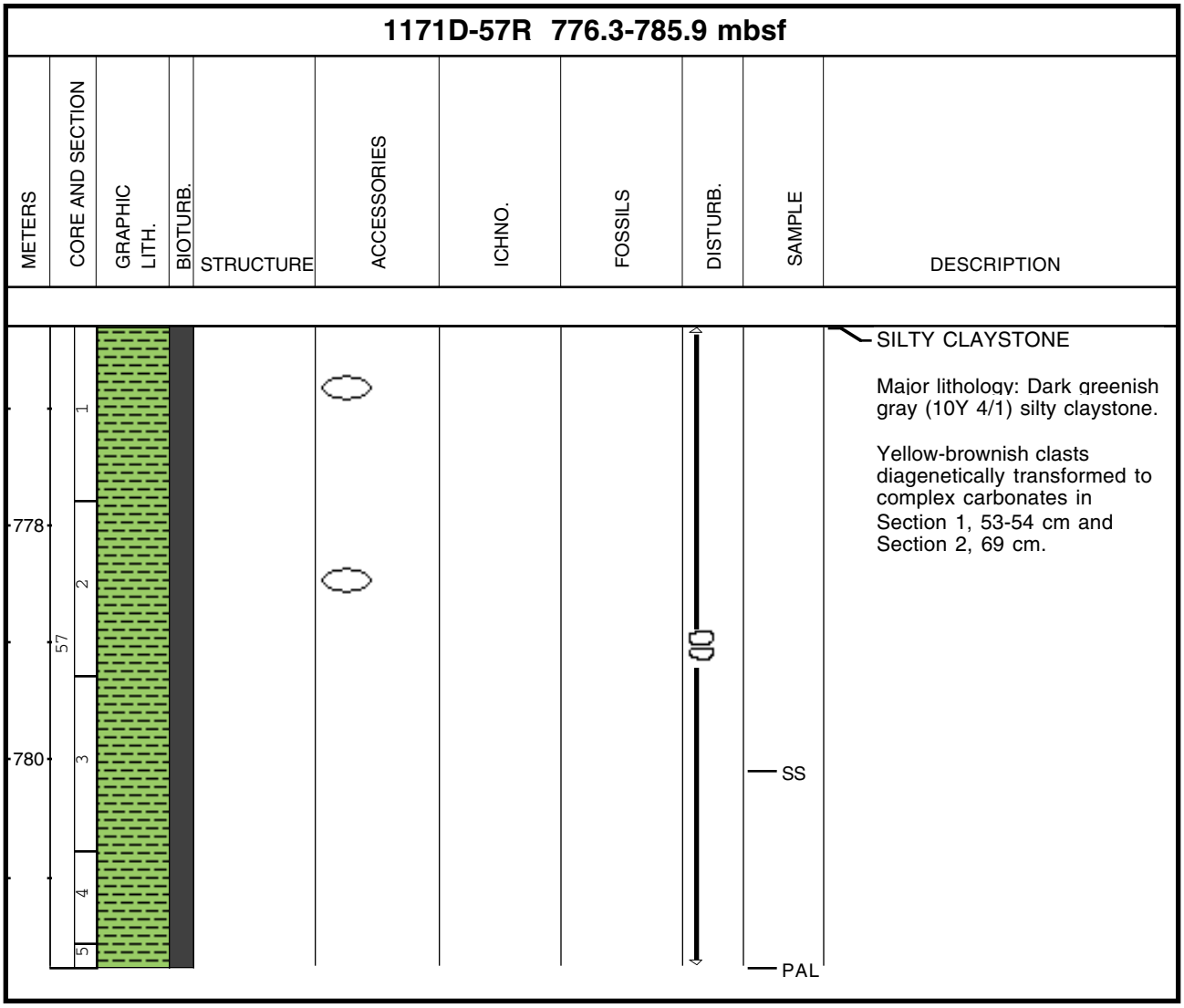
Core Photo


1171D-55R 757.1-766.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
758
760
762
764
766
55
1
2
3
4
5
6
7
8
SS
XRD
SS
IW
SS
PAL
SILTY CLAYSTONE
Major lithology: Dark grayish brown (10Y 4/1) silty claystone.
Dark grayish brown (10YR 4/2) lenses.
Light yellowish brown (2.5Y 6/4) clasts occur in Section 3, 31 cm and in Section 5, 40 and 44 cm. Small fluid escape structures and faults occur infrequently throughout.
Dark green layers of unknown origin occur with a lenticular structure in Section 1, 59 and 105 cm and in Section 3, 100 cm.

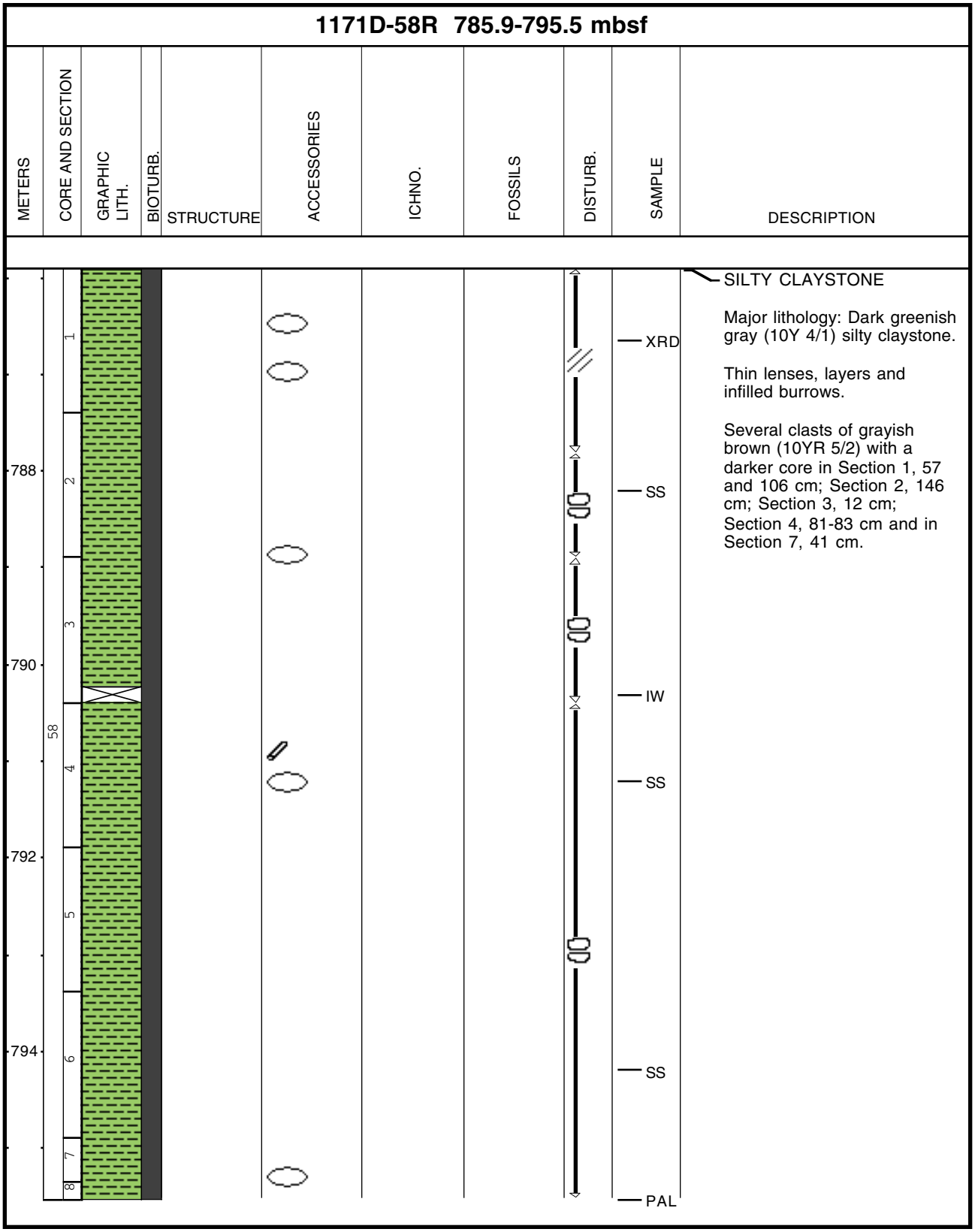
Core Photo


1171D-56R 766.7-776.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
768
770
56
1
2
3
4
5
SS
XRD
SS
PAL
SILTY CLAYSTONE
Major lithology: Greenish gray (10Y 4/1) silty clay.
Small lenses of slightly darker material present.
Pressure solution seams and veins throughout. A small lighter clast of unknown origin diagenetically transformed to complex carbonates in Section 5, 13 cm.

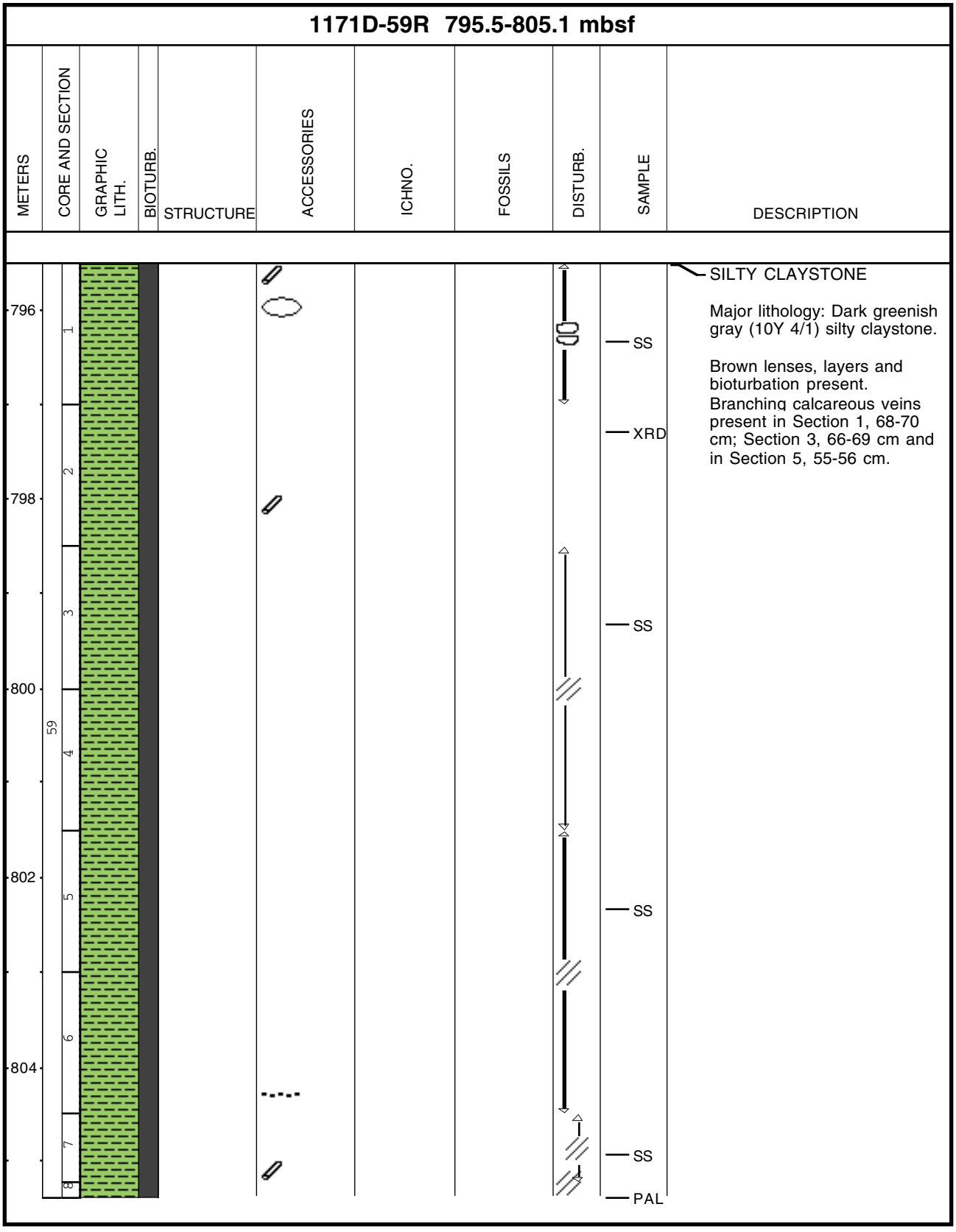
Core Photo


1171D-57R 776.3-785.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
778
780
57
1
2
3
4
5
SS
PAL
SILTY CLAYSTONE
Major lithology: Dark greenish gray (10Y 4/1) silty claystone.
Yellow-brownish clasts diagenetically transformed to complex carbonates in Section 1, 53-54 cm and Section 2, 69 cm.

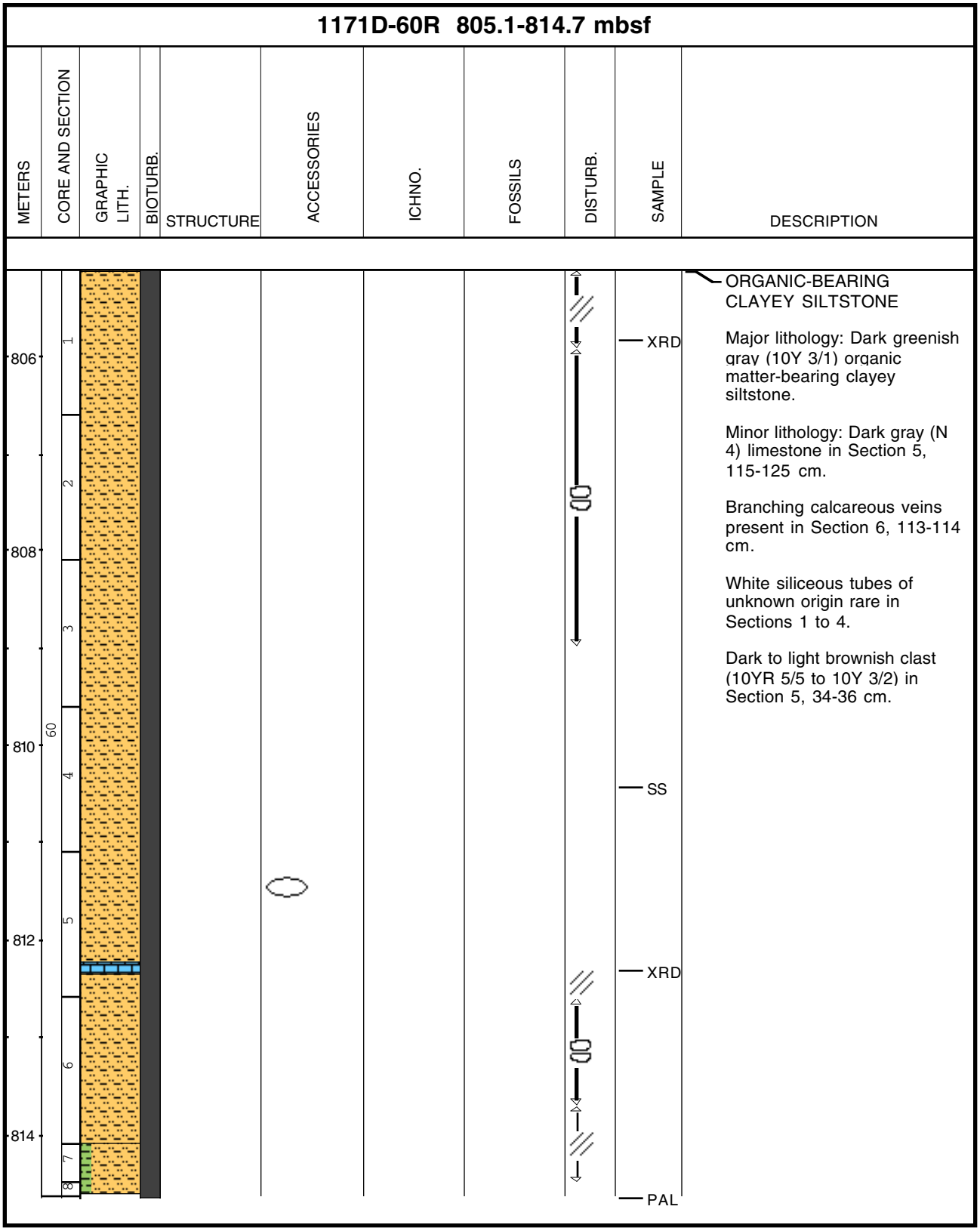
Core Photo


1171D-58R 785.9-795.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
788
790
792
794
58
1
2
3
4
5
6
7
8
XRD
SS
IW
SS
SS
PAL
SILTY CLAYSTONE
Major lithology: Dark greenish gray (10Y 4/1) silty claystone.
Thin lenses, layers and infilled burrows.
Several clasts of grayish brown (10YR 5/2) with a darker core in Section 1, 57 and 106 cm; Section 2, 146 cm; Section 3, 12 cm; Section 4, 81-83 cm and in Section 7, 41 cm.

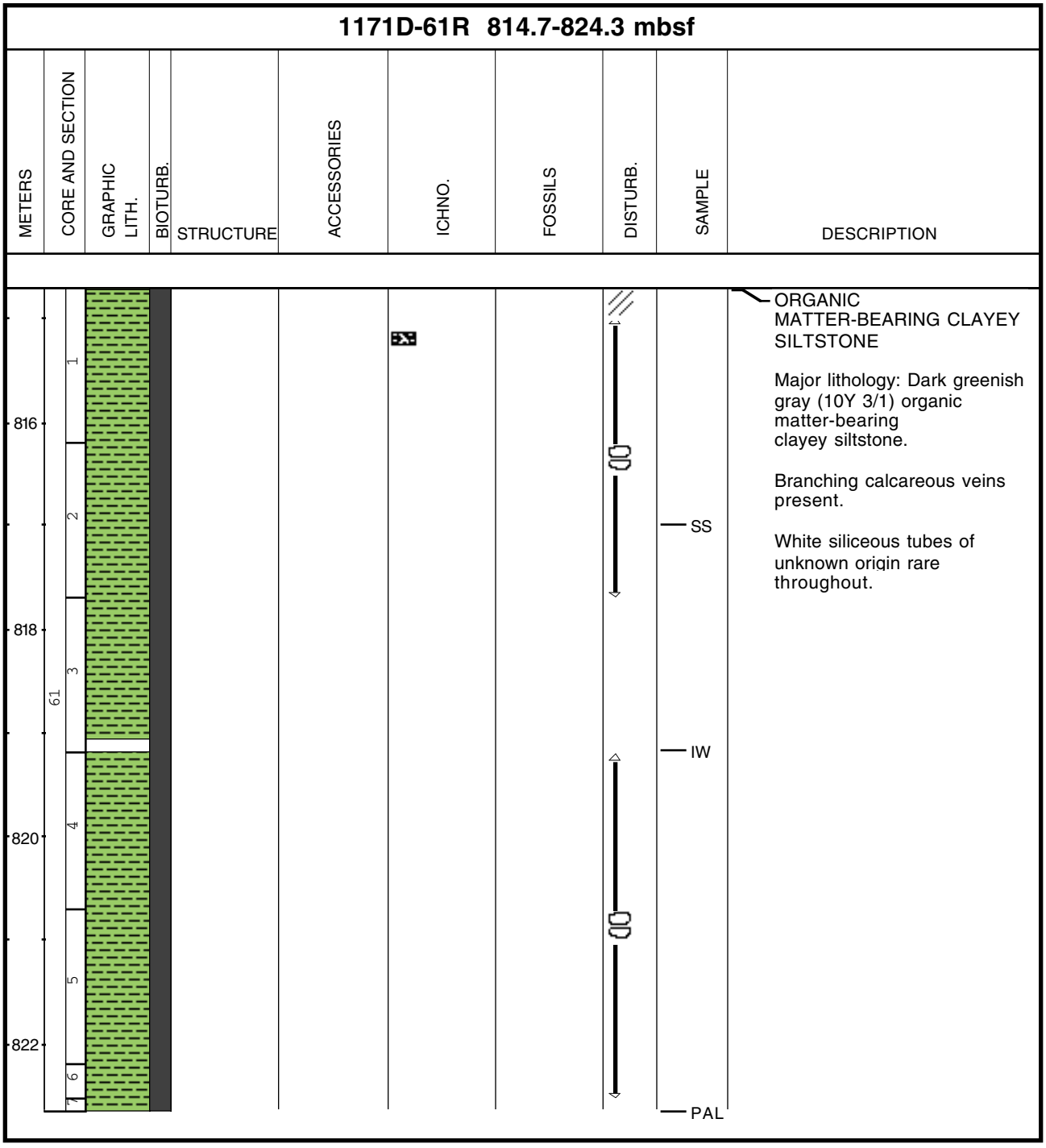
Core Photo


1171D-59R 795.5-805.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
796
798
800
802
804
59
1
2
3
4
5
6
7
8
SS
XRD
SS
SS
SS
PAL
SILTY CLAYSTONE
Major lithology: Dark greenish gray (10Y 4/1) silty claystone.
Brown lenses, layers and bioturbation present.
Branching calcareous veins present in Section 1, 68-70 cm; Section 3, 66-69 cm and in Section 5, 55-56 cm.

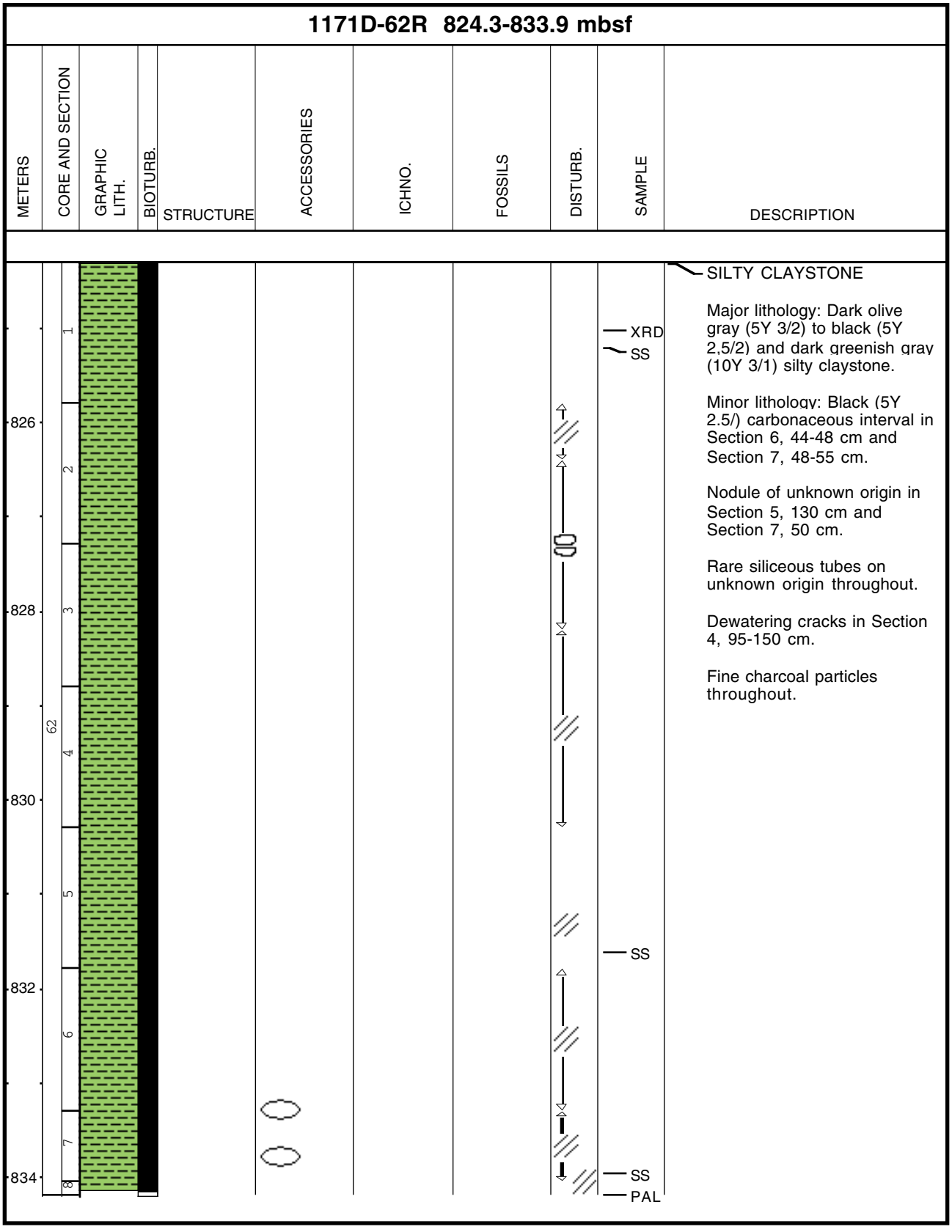
Core Photo


1171D-60R 805.1-814.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
806
808
810
812
814
60
1
2
3
4
5
6
7
8
XRD
SS
XRD
PAL
ORGANIC-BEARING CLAYEY SILTSTONE
Major lithology: Dark greenish gray (10Y 3/1) organic matter-bearing clayey siltstone.
Minor lithology: Dark gray (N 4) limestone in Section 5, 115-125 cm.
Branching calcareous veins present in Section 6, 113-114 cm.
White siliceous tubes of unknown origin rare in Sections 1 to 4.
Dark to light brownish clast (10YR 5/5 to 10Y 3/2) in Section 5, 34-36 cm.

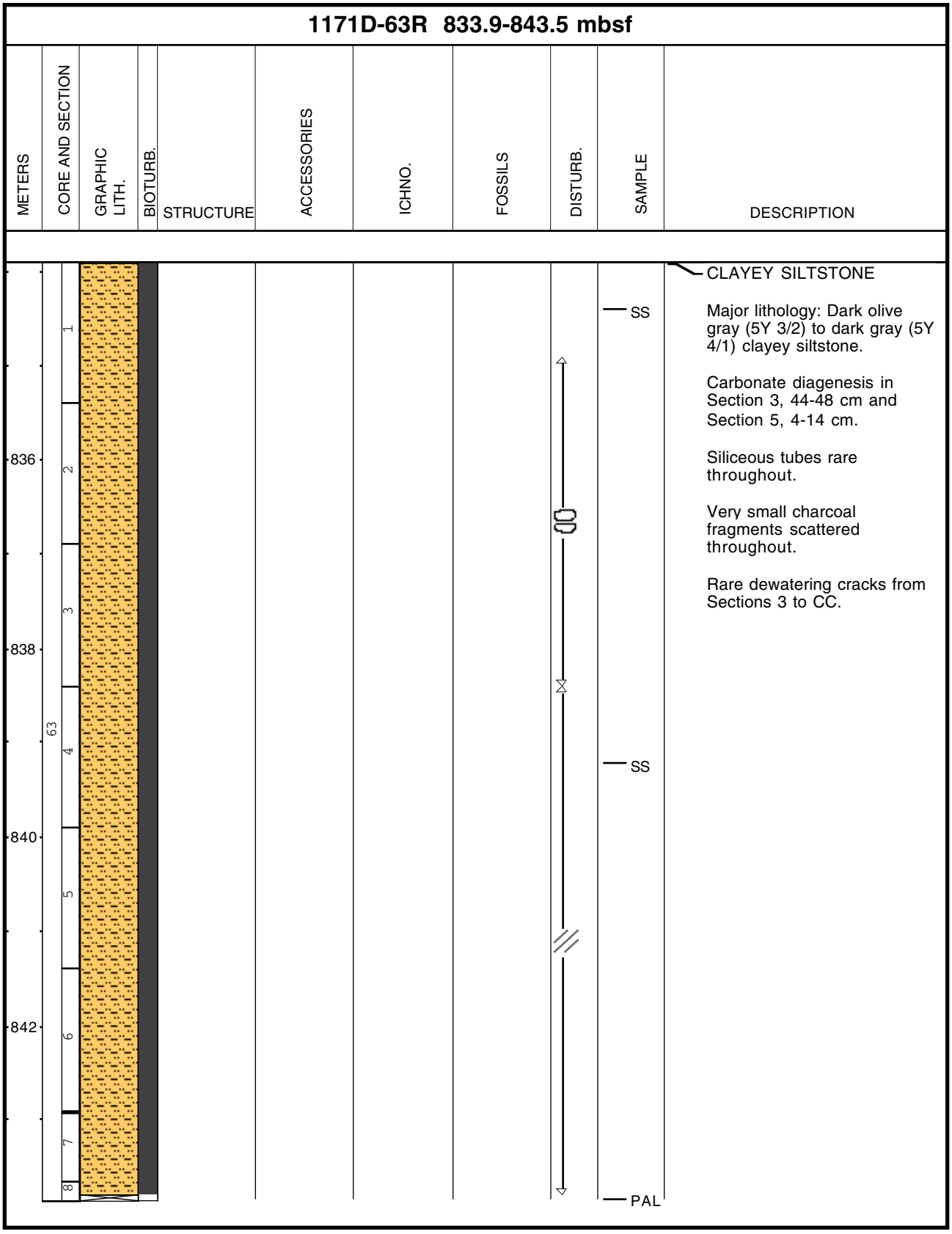
Core Photo


1171D-61R 814.7-824.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
816
818
820
822
61
1
2
3
4
5
6
SS
IW
PAL
ORGANIC MATTER-BEARING CLAYEY SILTSTONE
Major lithology: Dark greenish gray (10Y 3/1) organic matter-bearing clayey siltstone.
Branching calcareous veins present.
White siliceous tubes of unknown origin rare throughout.

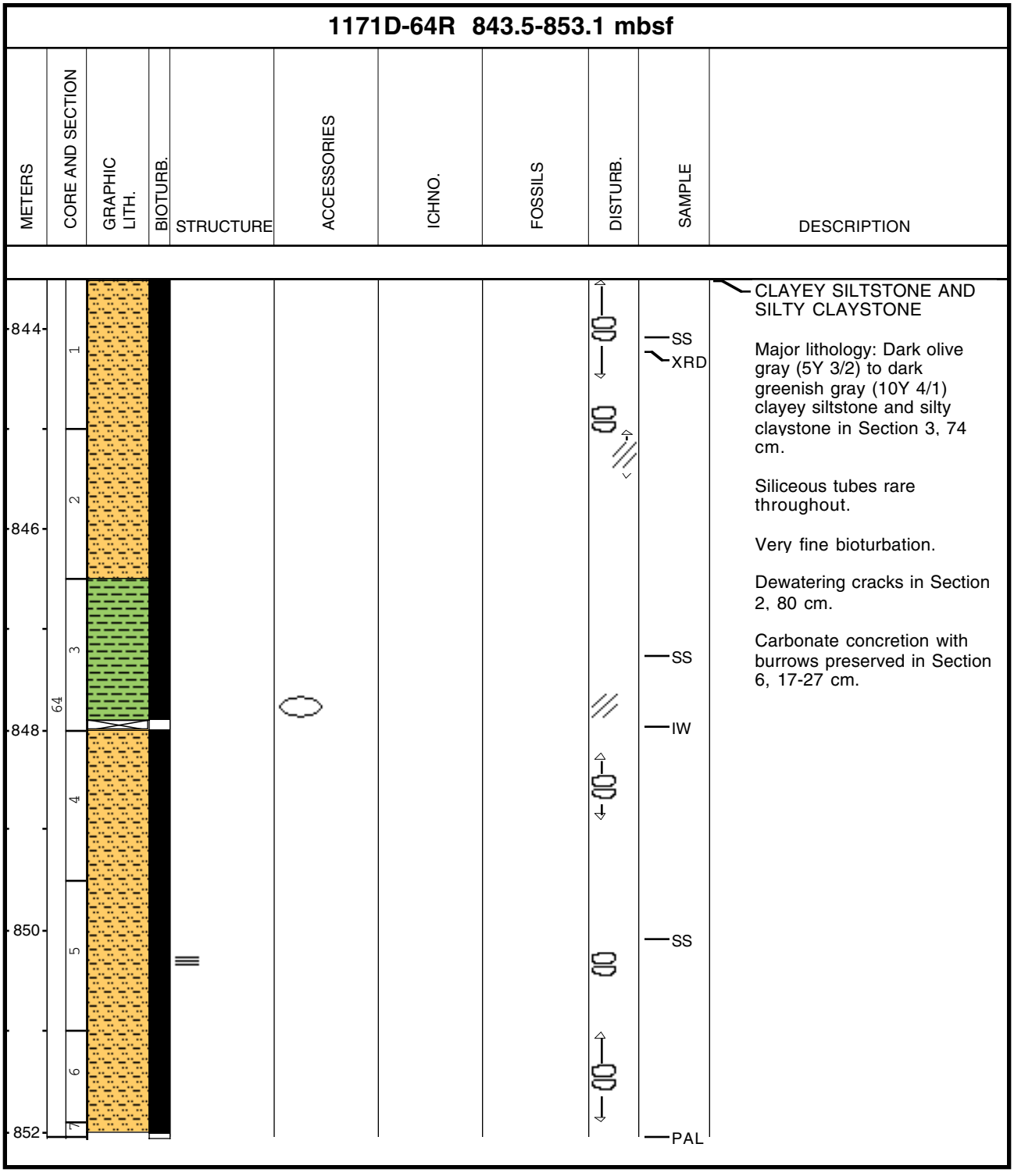
Core Photo


1171D-62R 824.3-833.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
826
828
830
832
834
62
1
2
3
4
5
6
7
8
XRD
SS
SS
SS
PAL
SILTY CLAYSTONE
Major lithology: Dark olive gray (5Y 3/2) to black (5Y 2,5/2) and dark greenish gray (10Y 3/1) silty claystone.
Minor lithology: Black (5Y 2.5/) carbonaceous interval in Section 6, 44-48 cm and Section 7, 48-55 cm.
Nodule of unknown origin in Section 5, 130 cm and Section 7, 50 cm.
Rare siliceous tubes on unknown origin throughout.
Dewatering cracks in Section 4, 95-150 cm.
Fine charcoal particles throughout.

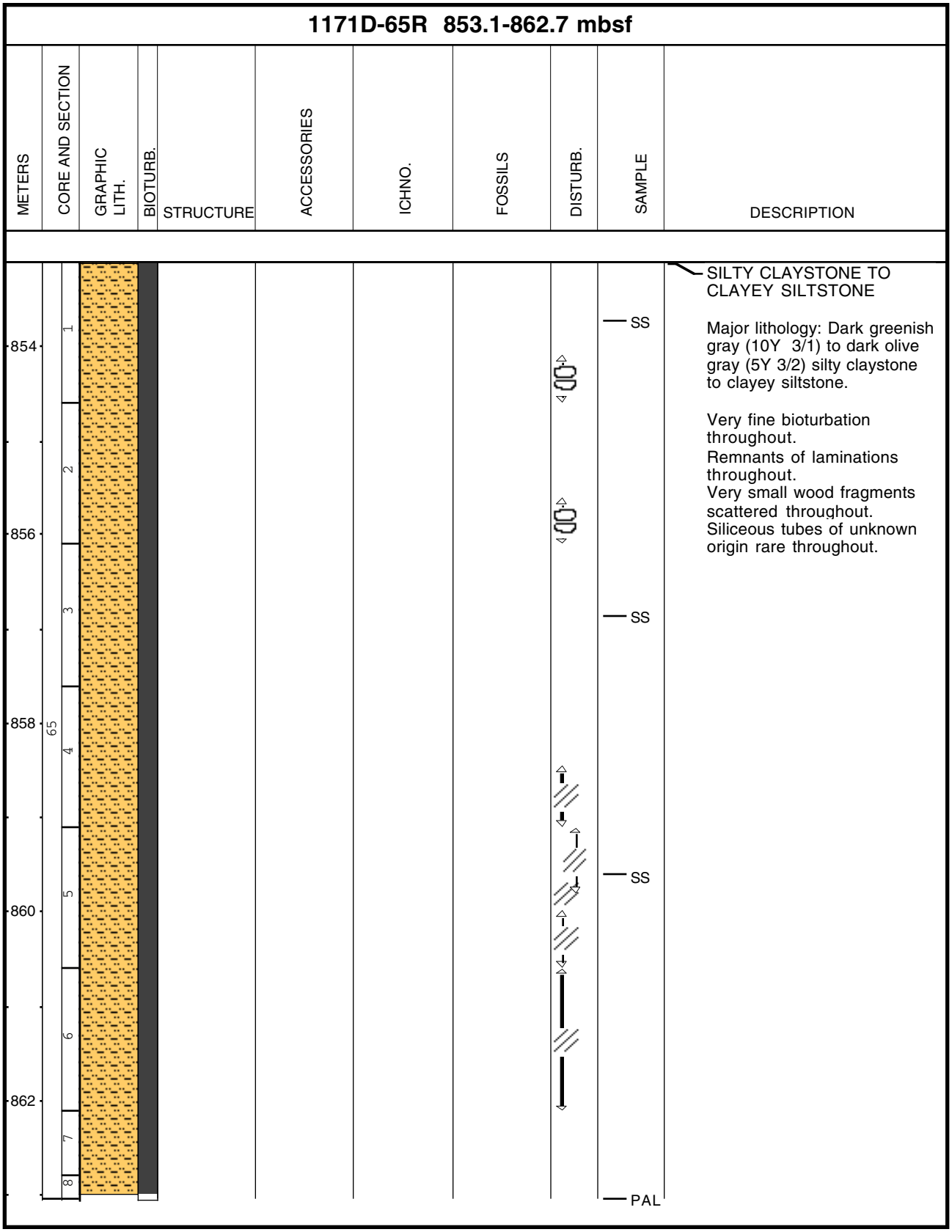
Core Photo


1171D-63R 833.9-843.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
836
838
840
842
63
1
2
3
4
5
6
7
8
SS
SS
PAL
CLAYEY SILTSTONE
Major lithology: Dark olive gray (5Y 3/2) to dark gray (5Y 4/1) clayey siltstone.
Carbonate diagenesis in Section 3, 44-48 cm and Section 5, 4-14 cm.
Siliceous tubes rare throughout.
Very small charcoal fragments scattered throughout.
Rare dewatering cracks from Sections 3 to CC.

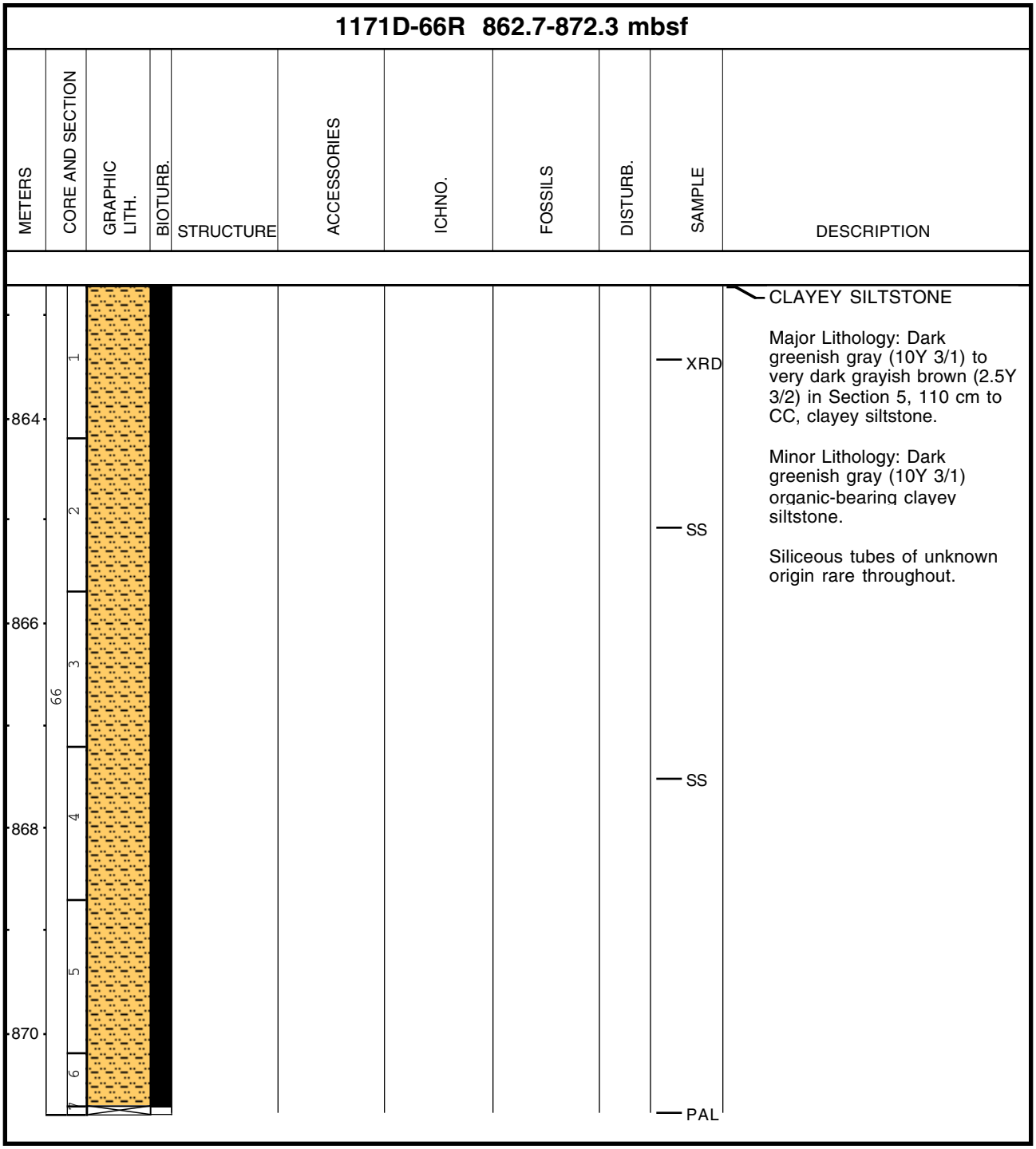
Core Photo


1171D-64R 843.5-853.1 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
844
846
848
850
852
64
1
2
3
4
5
6
7
SS
XRD
SS
IW
SS
PAL
CLAYEY SILTSTONE AND SILTY CLAYSTONE
Major lithology: Dark olive gray (5Y 3/2) to dark greenish gray (10Y 4/1) clayey siltstone and silty claystone in Section 3, 74 cm.
Siliceous tubes rare throughout.
Very fine bioturbation.
Dewatering cracks in Section 2, 80 cm.
Carbonate concretion with burrows preserved in Section 6, 17-27 cm.

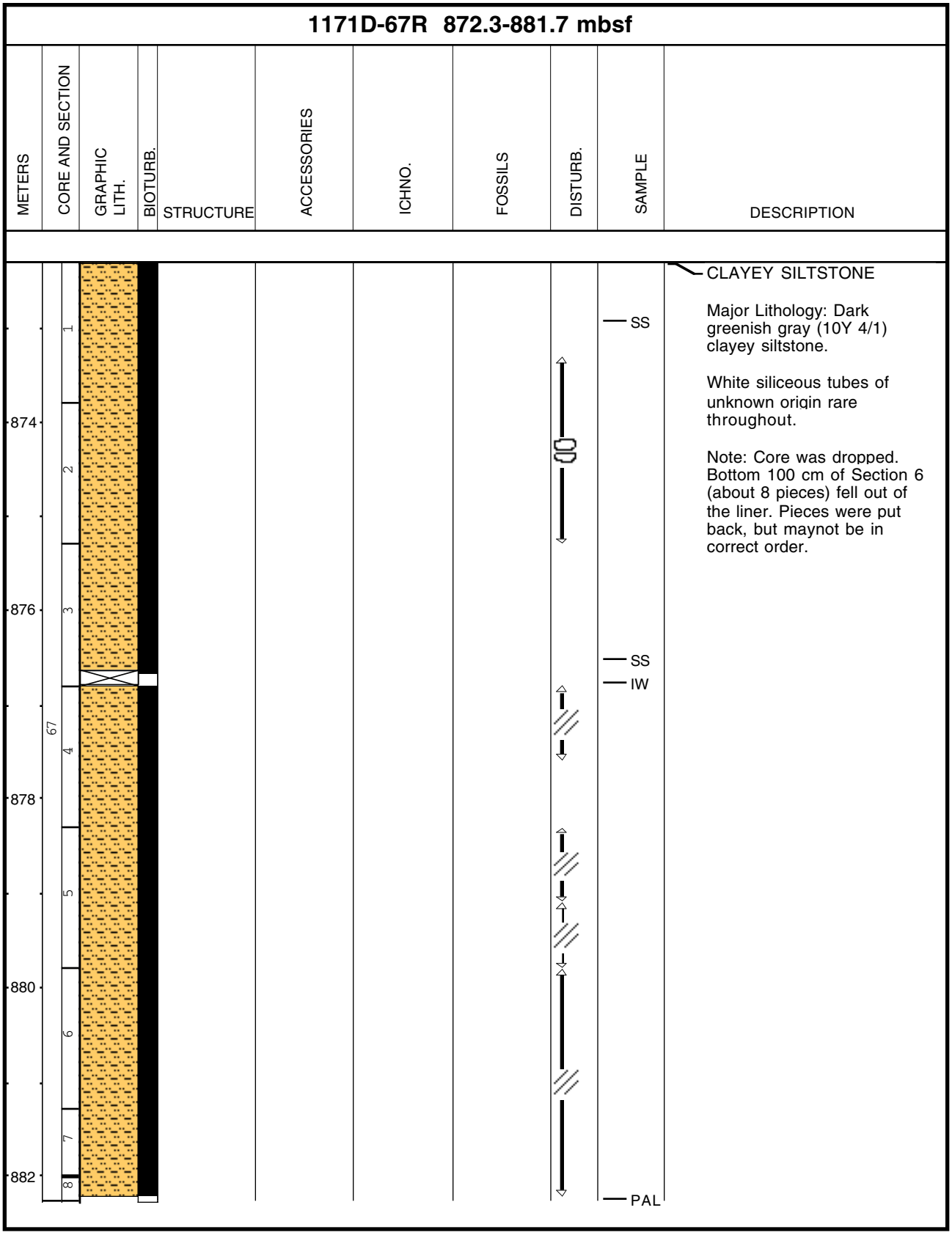
Core Photo


1171D-65R 853.1-862.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
854
856
858
860
862
65
1
2
3
4
5
6
7
8
SS
SS
SS
PAL
SILTY CLAYSTONE TO CLAYEY SILTSTONE
Major lithology: Dark greenish gray (10Y 3/1) to dark olive gray (5Y 3/2) silty claystone to clayey siltstone.
Very fine bioturbation throughout.
Remnants of laminations throughout.
Very small wood fragments scattered throughout.
Siliceous tubes of unknown origin rare throughout.

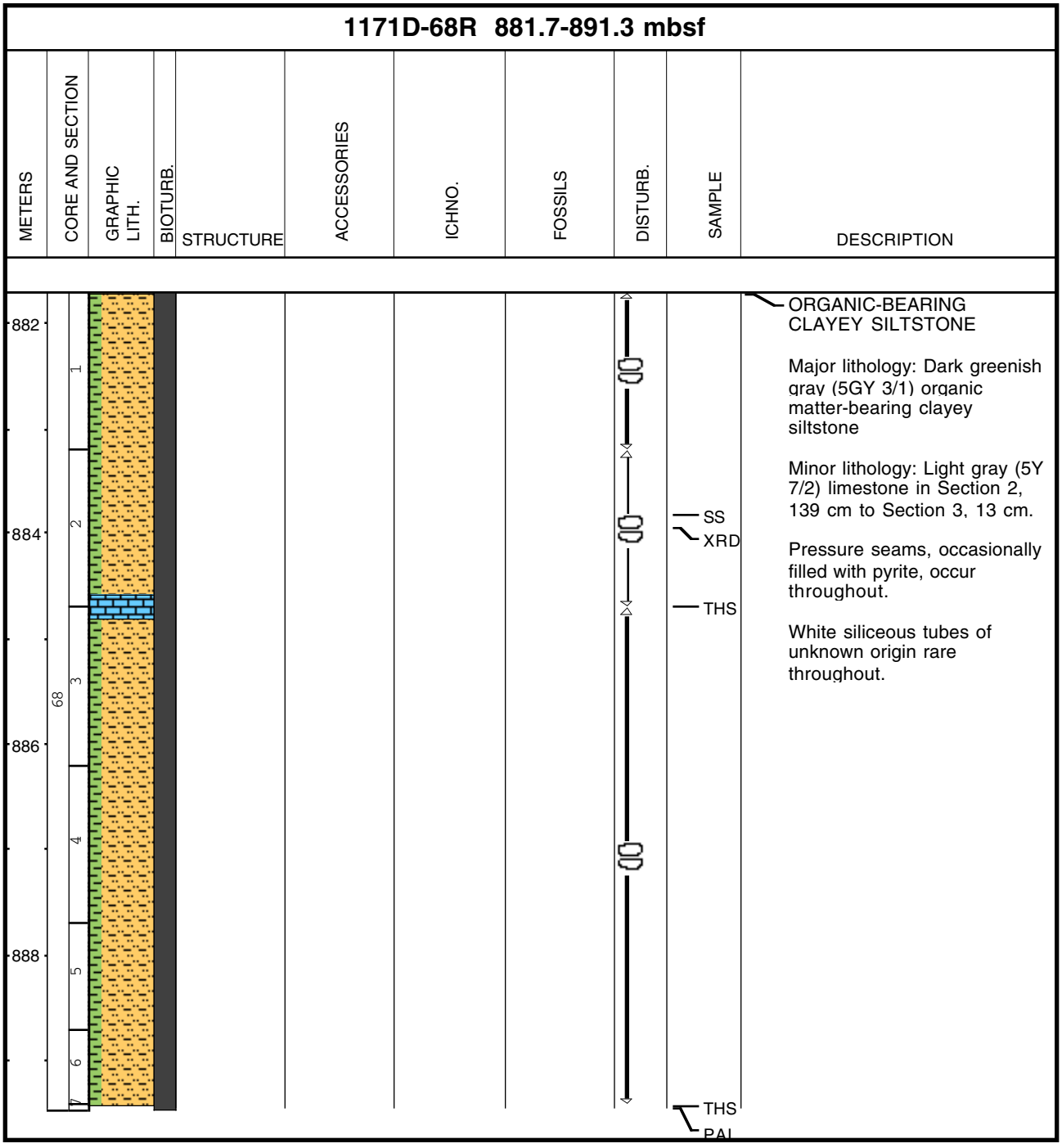
Core Photo


1171D-66R 862.7-872.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
864
866
868
870
66
1
2
3
4
5
6
XRD
SS
SS
PAL
CLAYEY SILTSTONE
Major Lithology: Dark greenish gray (10Y 3/1) to very dark grayish brown (2.5Y 3/2) in Section 5, 110 cm to CC, clayey siltstone.
Minor Lithology: Dark greenish gray (10Y 3/1) organic-bearing clayey siltstone.
Siliceous tubes of unknown origin rare throughout.

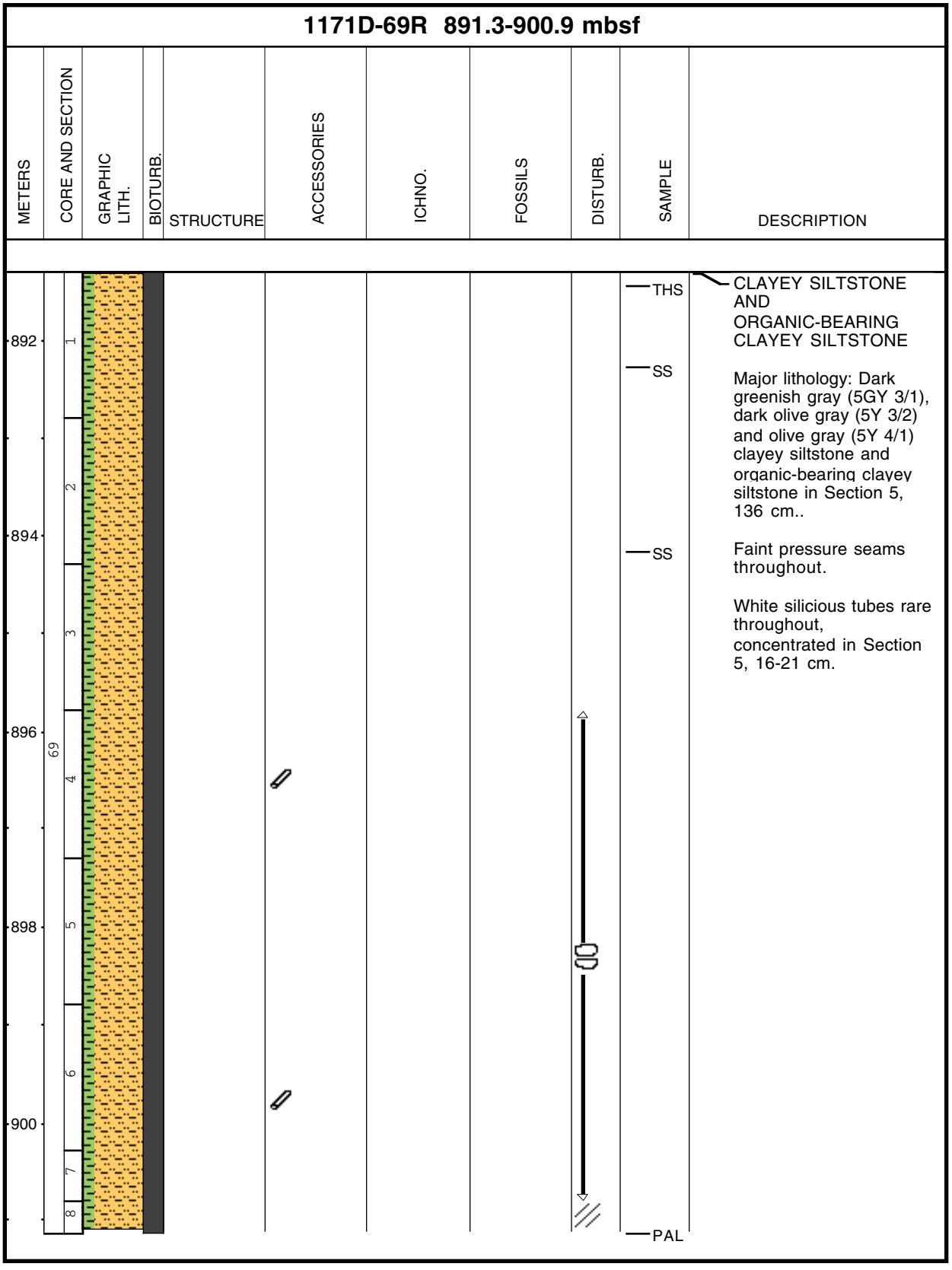
Core Photo


1171D-67R 872.3-881.7 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
874
876
878
880
882
67
1
2
3
4
5
6
7
8
SS
SS
IW
PAL
CLAYEY SILTSTONE
Major Lithology: Dark greenish gray (10Y 4/1) clayey siltstone.
White siliceous tubes of unknown origin rare throughout.
Note: Core was dropped. Bottom 100 cm of Section 6 (about 8 pieces) fell out of the liner. Pieces were put back, but maynot be in correct order.

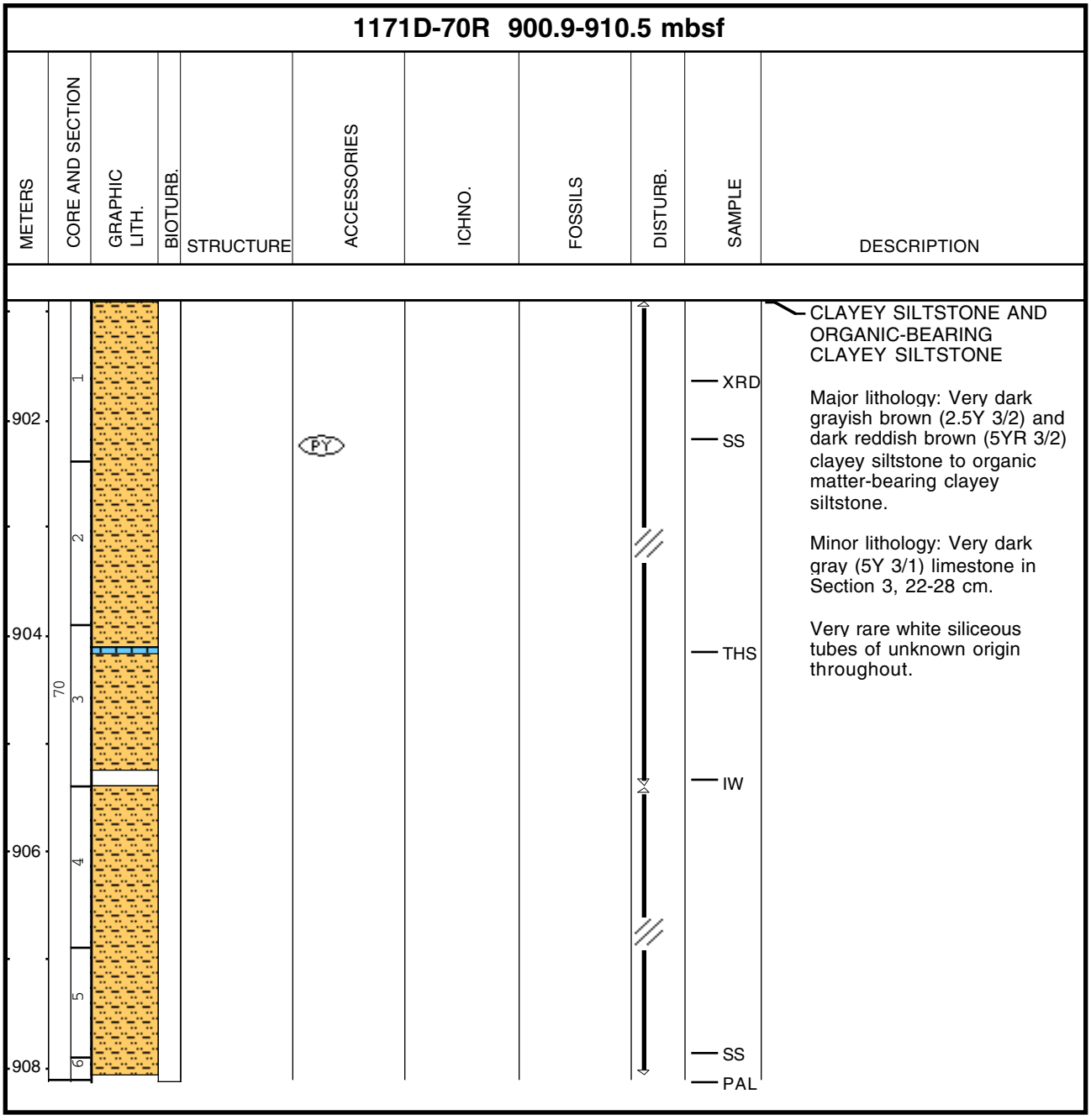
Core Photo


1171D-68R 881.7-891.3 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
882
884
886
888
68
1
2
3
4
5
6
7
SS
XRD
THS
THS
PAL
ORGANIC-BEARING CLAYEY SILTSTONE
Major lithology: Dark greenish gray (5GY 3/1) organic matter-bearing clayey siltstone
Minor lithology: Light gray (5Y 7/2) limestone in Section 2, 139 cm to Section 3, 13 cm.
Pressure seams, occasionally filled with pyrite, occur throughout.
White siliceous tubes of unknown origin rare throughout.

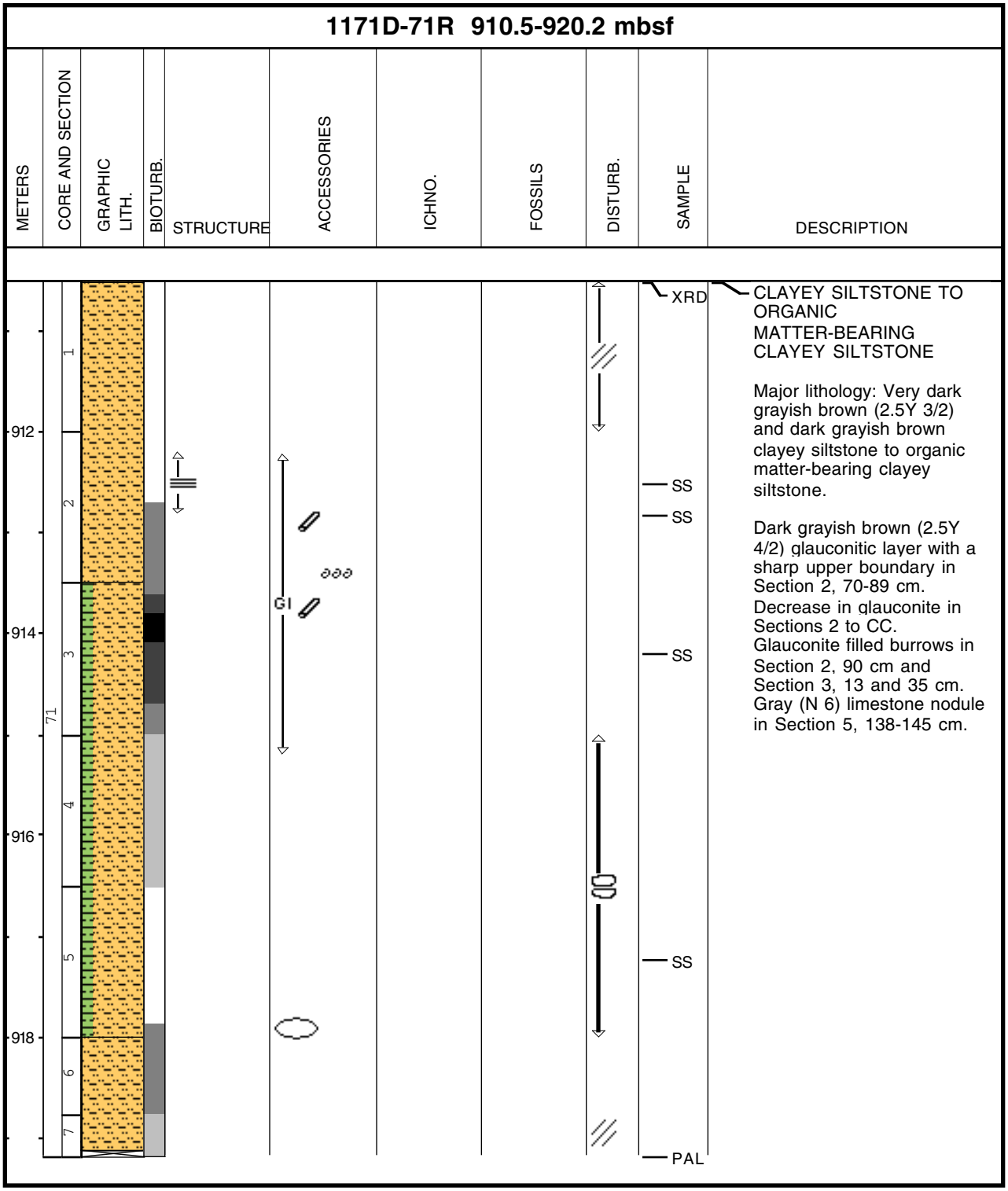
Core Photo


1171D-69R 891.3-900.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
892
894
896
898
900
69
1
2
3
4
5
6
7
8
THS
SS
SS
PAL
CLAYEY SILTSTONE AND ORGANIC-BEARING CLAYEY SILTSTONE
Major lithology: Dark greenish gray (5GY 3/1), dark olive gray (5Y 3/2) and olive gray (5Y 4/1) clayey siltstone and organic-bearing clayey siltstone in Section 5, 136 cm..
Faint pressure seams throughout.
White silicious tubes rare throughout, concentrated in Section 5, 16-21 cm.

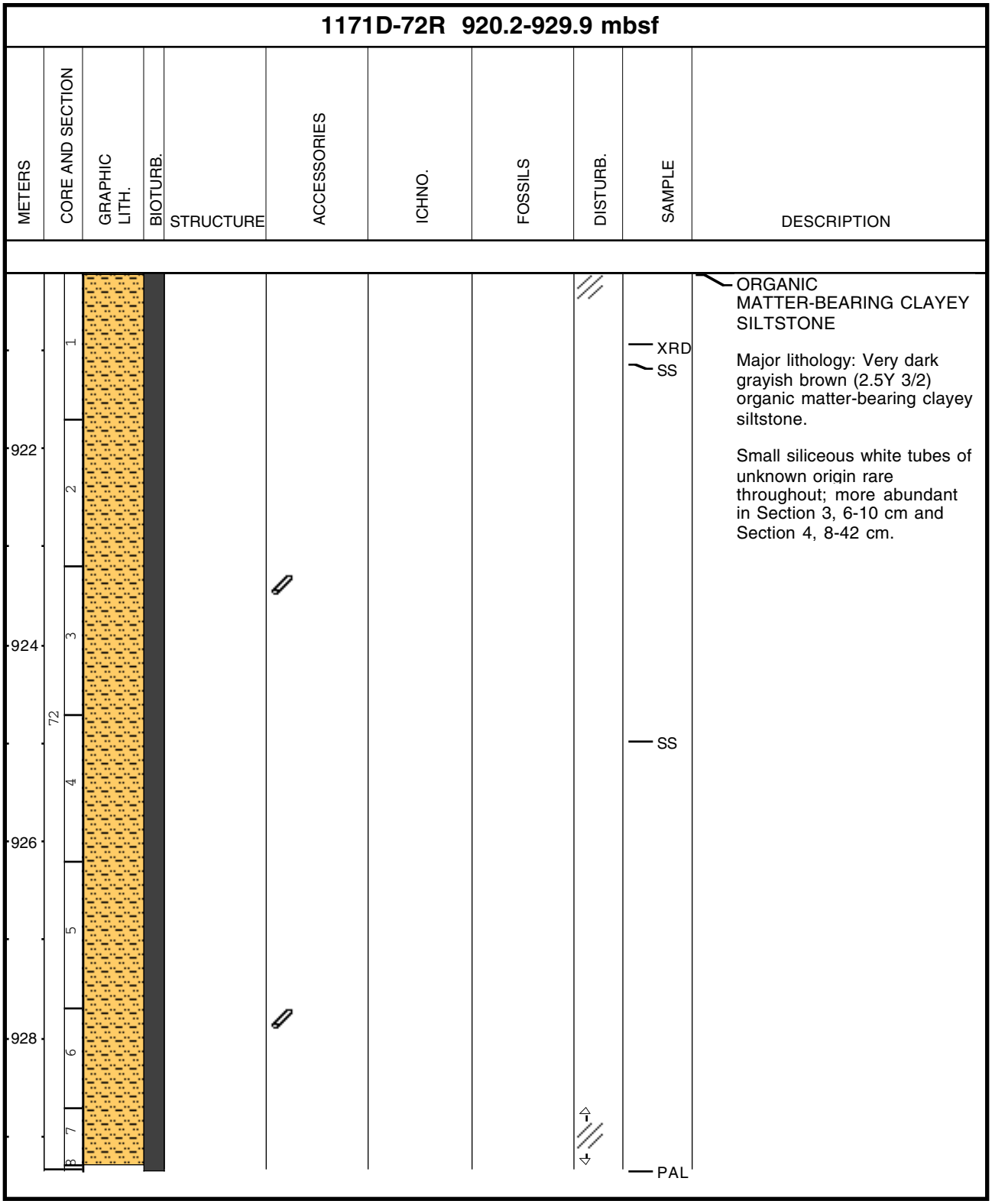
Core Photo


1171D-70R 900.9-910.5 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
902
904
906
908
70
1
2
3
4
5
6
PY
XRD
SS
THS
IW
SS
PAL
CLAYEY SILTSTONE AND ORGANIC-BEARING CLAYEY SILTSTONE
Major lithology: Very dark grayish brown (2.5Y 3/2) and dark reddish brown (5YR 3/2) clayey siltstone to organic matter-bearing clayey siltstone.
Minor lithology: Very dark gray (5Y 3/1) limestone in Section 3, 22-28 cm.
Very rare white siliceous tubes of unknown origin throughout.

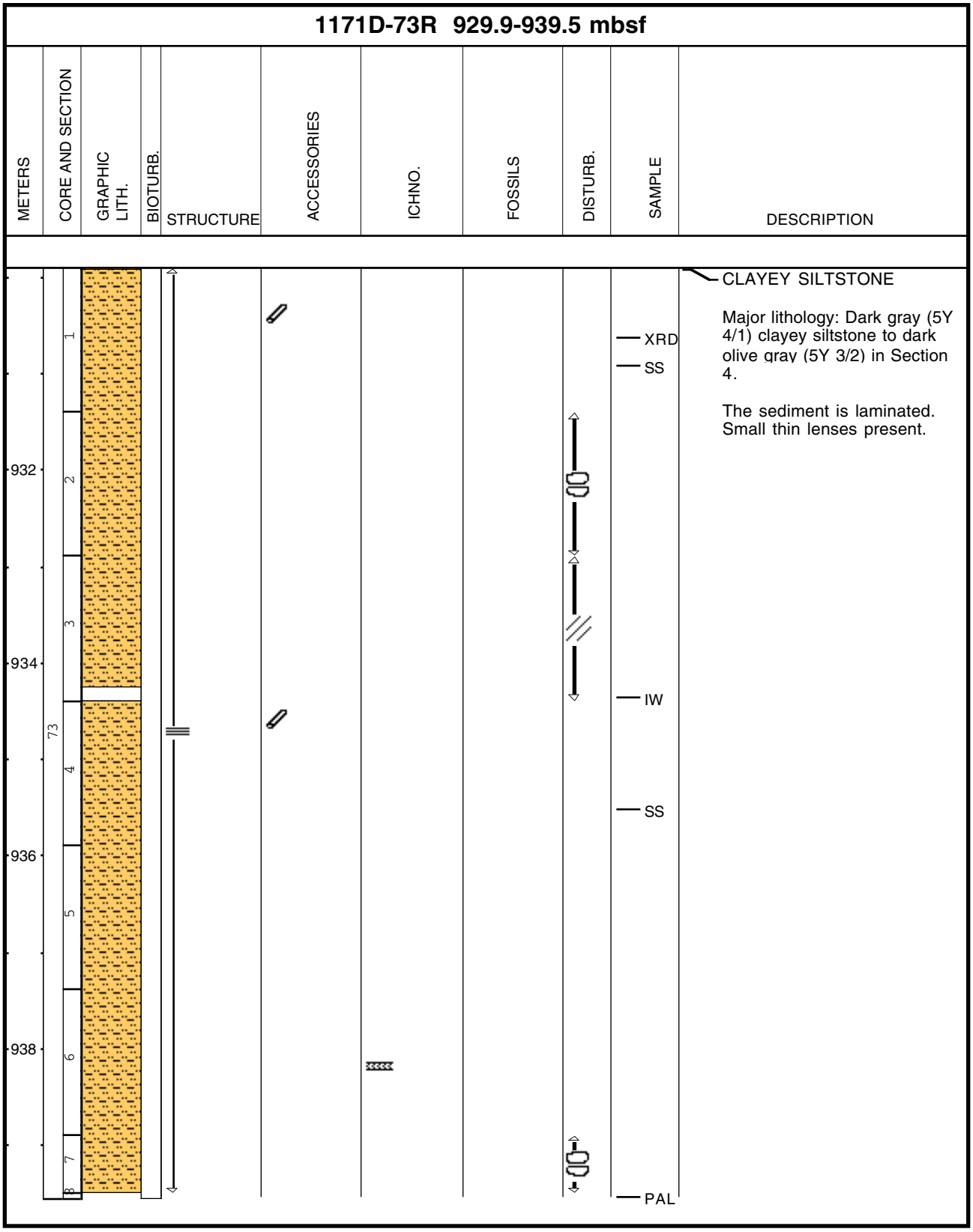
Core Photo


1171D-71R 910.5-920.2 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
912
914
916
918
71
1
2
3
4
5
6
7
GI
XRD
SS
SS
SS
SS
PAL
CLAYEY SILTSTONE TO ORGANIC MATTER-BEARING CLAYEY SILTSTONE
Major lithology: Very dark grayish brown (2.5Y 3/2) and dark grayish brown clayey siltstone to organic matter-bearing clayey siltstone.
Dark grayish brown (2.5Y 4/2) glauconitic layer with a sharp upper boundary in Section 2, 70-89 cm.
Decrease in glauconite in Sections 2 to CC.
Glauconite filled burrows in Section 2, 90 cm and Section 3, 13 and 35 cm.
Gray (N 6) limestone nodule in Section 5, 138-145 cm.

Core Photo

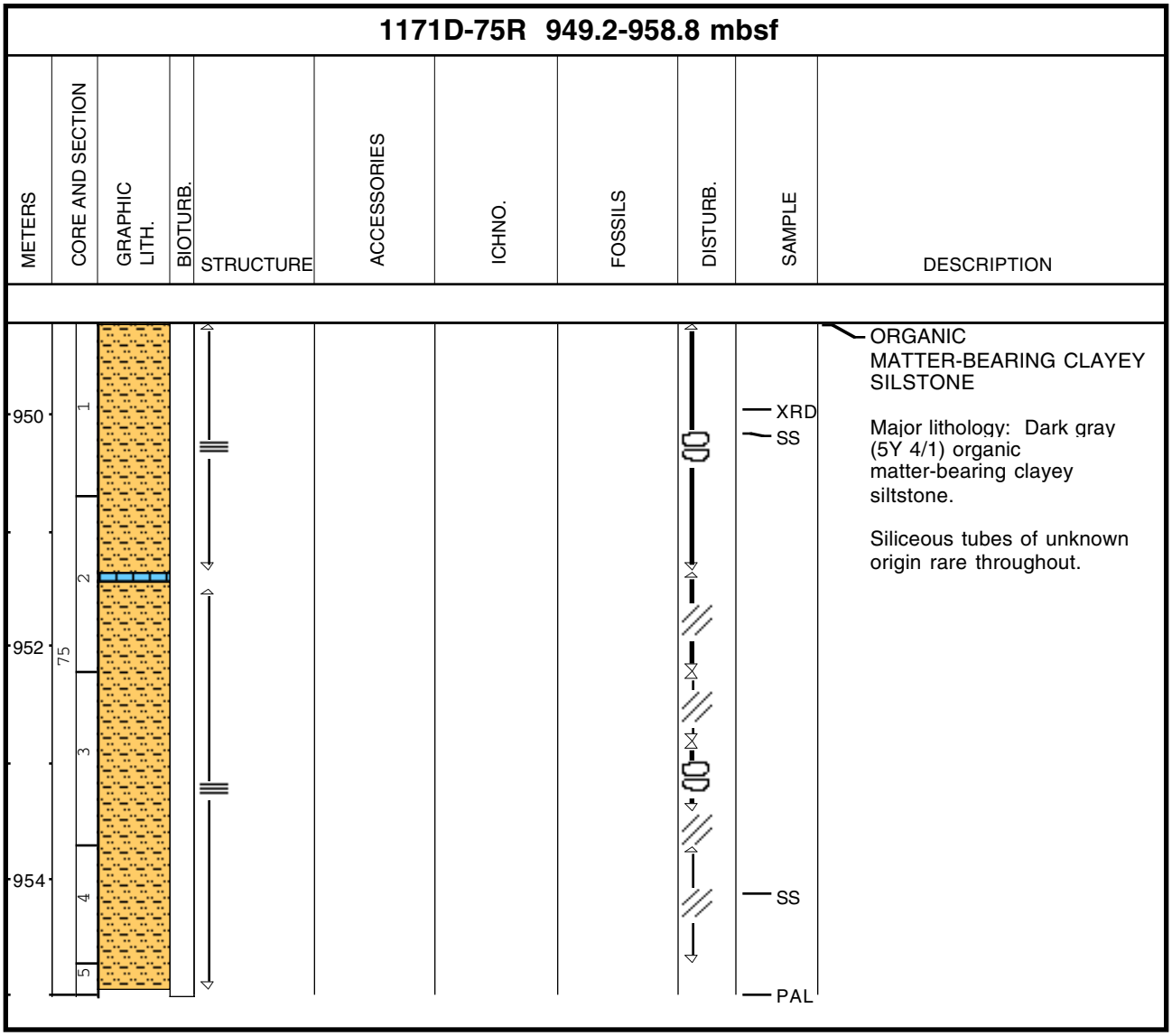

1171D-72R 920.2-929.9 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
922
924
926
928
72
1
2
3
4
5
6
7
CC
XRD
SS
SS
PAL
ORGANIC MATTER-BEARING CLAYEY SILTSTONE
Major lithology: Very dark grayish brown (2.5Y 3/2) organic matter-bearing clayey siltstone.
Small siliceous white tubes of unknown origin rare throughout; more abundant in Section 3, 6-10 cm and Section 4, 8-42 cm.

Core Photo



1171D-74R ENTIRE CORE GIVEN TO PALEONTOLOGY AND CHEMISTRY

Core Photo


1171D-75R 949.2-958.8 mbsf
METERS
CORE AND SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
DESCRIPTION
950
952
954
75
1
2
3
4
5
XRD
SS
SS
PAL
ORGANIC MATTER-BEARING CLAYEY SILSTONE
Major lithology: Dark gray (5Y 4/1) organic matter-bearing clayey siltstone.
Siliceous tubes of unknown origin rare throughout.

Sample							Texture			Mineral							Biogenic						Rock		
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Glauconite	Opaques	Quartz	Volcanic Glass	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	Bioclasts	Tektite	Comments
1171																									
A	1	H	1	40	0.4	D			100		*	2			*		*	50	48	*					Nannofossil foraminifer ooze
A	1	H	3	30	3.3	D			100								1	50	47	2					Nannofossil foraminifer ooze
A	1	H	4	40	4.9	M			100			3					1	12	82	2					Foraminifer-bearing nannofossil ooze
A	1	H	5	10	6.1	M			100			1					1	15	82	1					Foraminifer-bearing nannofossil ooze
A	2	H	1	80	7.9	D			100	1		2			2			40	52				3		Foraminifer nannofossil ooze
A	2	H	3	45	10.55	M		2	98	1	1	3			1			50	44						Nannofossil foraminifer ooze
A	2	H	5	25	13.35	D		1	99	1	2	15			1			30	47	1		3			Clay-bearing foraminifer nannofossil ooze
A	3	H	1	70	17.3	D		1	99	1	1	10			1			40	47						Clay-bearing foraminifer nannofossil ooze
A	3	H	3	70	20.3	D		1	99	1	2	5			1			40	50	1					Foraminifer nannofossil ooze
A	3	H	5	70	23.3	D		2	98	1	5	7			1		5	30	45	5		1			Foraminifer nannofossil ooze
A	4	H	4	90	31.5	D			100	3		1					12	8	71	2	1	2			Diatom-bearing nannofossil ooze
A	4	H	5	90	33	D			100	2		1					9	17	55	2	2	3	9		Foraminifer-bearing nannofossil ooze
A	4	H	6	90	34.5	D			100	2							12	8	63		2	4	9		Diatom-bearing nannofossil ooze
A	5	H	1	60	36.2	M			100	2		2					16	5	60	3	3	6	3		Diatom-bearing nannofossil ooze
A	5	H	3	60	39.2	D			100	3		1					8	7	73	1	1	2	4		Nannofossil ooze
A	5	H	3	20	38.8	D			100	2		1					2	12	71	2	2	1	7		Silt-bearing nannofossil ooze
A	5	H	4	92	41.02	M			100	4				11			2	18	54	1	2	2	6		Foraminifer-bearing nannofossil ooze
A	5	H	5	60	42.2	D			100					1				16	75		1	2	5		Foraminifer-bearing nannofossil ooze
A	5	H	5	3	41.63	M			100	1		1					1	10	83	1	1		2		Foraminifer-bearing nannofossil ooze
A	6	H	1	50	45.6	D			100	2		1					4	24	54	2	3	2	8		Foraminifer-bearing nannofossil ooze
A	6	H	3	50	48.6	D			100	1		1					3	10	76	1	1	1	6		Foraminifer-bearing nannofossil ooze
A	6	H	5	50	51.6	D			100	2								11	82	1			4		Foraminifer-bearing nannofossil ooze
A	7	H	2	60	56.7	D			100	2								10	81			1	6		Foraminifer-bearing nannofossil ooze
A	7	H	4	60	59.7	D			100	1		1						8	87				3		Nannofossil ooze
A	7	H	6	60	62.7	D			100	1							4	7	85	1	1	1			Nannofossil ooze
A	8	H	1	50	64.6	D			100	1							2	10	81	1		1	4		Foraminifer-bearing nannofossil ooze
A	8	H	4	50	67.74	D			100	2		2					3	5	82	2		1	3		Nannofossil ooze
A	8	H	7	20	71.94	D			100	1		2					3	11	79	1	2	1			Foraminifer-bearing nannofossil ooze
A	8	H	7	50	72.24	D			100			1				1	4	5	80	2	3	2	2		Nannofossil ooze
A	9	H	1	60	74.2	D			100			1					4	18	69	5	1	2			Foraminifer-bearing nannofossil ooze
A	9	H	3	60	77.2	D			100	1							3	10	75	3	2	3	3		Foraminifer-bearing nannofossil ooze
A	9	H	6	40	81.5	D			100	2		1		1			4	17	65	4	1	3	2		Foraminifer-bearing nannofossil ooze
A	9	H	6	60	81.7	D			100	1			1				4	10	78	2	1	1	2		Foraminifer-bearing nannofossil ooze
A	10	H	1	60	83.7	D			100									5	90	2		1	2		Nannofossil ooze
A	10	H	3	60	86.7	D			100									9	87	2			2		Nannofossil ooze
A	10	H	5	60	89.7	D			100									15	81	3			1		Foraminifer-bearing nannofossil ooze
A	11	H	1	70	93.3	D		2	98	1	3	5			2		7	10	69	3					Foraminifer-bearing nannofossil ooze
A	11	H	3	70	96.3	D		1	99		1	5			1		15	10	60	5		2		1	Foraminifer- and diatom-bearing nannofossil ooze
A	11	H	5	70	99.3	D			100	1		5					2	7	80	5					Nannofossil ooze
A	12	H	1	53	102.63	D			100			5			1		2	7	80	1		1	3		Nannofossil ooze
A	12	H	3	50	105.6	D			100			2					10	7	75	1			5		Diatom-bearing nannofossil ooze
A	12	H	5	60	108.7	D			100			1			1		4	7	84	2		1			Nannofossil ooze
A	13	X	1	100	112.6	D		2	98	1		2				2	2	5	88						Nannofossil ooze
A	14	X	1	40	115.2	D			100	1		1					5	7	83	2		1			Nannofossil ooze
A	14	X	3	40	118.2	D			100	1		1				1	2	30	61	3		1			Foraminifer nannofossil ooze

Sample							Texture			Mineral							Biogenic						Rock	
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Glauconite	Opaques	Quartz	Volcanic Glass	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	bioclasts	Comments
1171																								
B	1	H	1	40	0.4	M			100	1		20						50	27	1		1		Clay-bearing nannofossil foraminifer ooze
B	1	H	3	50	3.36	D		1	99	3	1	7			2		1	50	35	1				Nannofossil foraminifer ooze
B	2	H	2	70	6.5	D		2	98	2					3	1		10	83	1				Foraminifer-bearing nannofossil ooze
B	2	H	4	28	9.08	D			100			2			2			25	70	1				Foraminifer-bearing nannofossil ooze
B	3	H	2	105	16.35	M		2	98	1	2	15			2		5	40	32	2		1		Clay-bearing nannofossil foraminifer ooze
B	3	H	4	100	19.3	D		2	98	1	3	10			1		7	30	45	2		1		Clay- bearing foraminifer nannofossil ooze
B	3	H	6	100	22.3	D		1	99	1	3	7			1		1	50	34	3				Nannofossil foraminifer ooze
B	4	H	2	70	25.5	D		1	99	2	2	10			1		7	30	41	5		2		Clay -bearing foraminifer nannofossil ooze
B	4	H	5	70	30	D		1	99		2	7			1		5	50	30	5				Nannofossil foraminifer ooze
B	5	H	2	40	34.7	D			100	1				1			10	7	72	1	2	4	2	Diatom-bearing nannofossil ooze
B	5	H	4	40	37.7	D			100					1	1		10	6	76	1	1	1	3	Diatom-bearing nannofossil ooze
B	5	H	5	40	39.2	D			100	2							8	14	68	1	1	2	4	Foraminifer-bearing nannofossil ooze
B	6	H	3	40	45.7	D			100	1				1			8	11	70	2	1	2	4	Foraminifer-bearing nannofossil ooze
B	6	H	5	40	48.7	D			100			1					5	14	68	3	2	2	5	Foraminifer-bearing nannofossil ooze
B	6	H	7	40	51.7	D			100	1							2	10	78	1	1	1	6	Foraminifer-bearing nannofossil ooze
B	7	H	1	40	52.2	D			100	1							2	9	82	1	1	1	3	Nannofossil ooze
B	7	H	3	40	55.2	D			100	1							2	13	77	1	1	2	3	Foraminifer-bearing nannofossil ooze
B	7	H	5	40	58.2	D			100								1	8	84	1	1	1	4	Nannofossil ooze
B	8	H	2	40	63.2	D			100	1							1	11	81	1	1	1	3	Foraminifer-bearing nannofossil ooze
B	8	H	4	40	66.2	D			100	1							1	11	83			1	3	Foraminifer-bearing nannofossil ooze
B	8	H	6	40	69.2	D			100	1							4	5	81	2	2	2	3	Nannofossil ooze
B	9	H	1	40	71.2	D			100								7	6	80	2	3	2		Nannofossil ooze
B	9	H	3	40	74.2	D			100	1							13	14	64	2	2	2	2	Foraminifer- and diatom-bearing nannofossil ooze
B	9	H	5	40	77.2	D			100	1							7	13	72	1	1	2	3	Foraminifer-bearing nannofossil ooze
B	10	H	1	40	80.7	D			100								5	12	76	1	1	2	3	Foraminifer-bearing nannofossil ooze
B	10	H	3	40	83.7	D			100					1			11	8	75	2		3		Diatom-bearing nannofossil ooze
B	10	H	5	40	86.7	D			100				1				5	14	78	1		1		Foraminifer-bearing nannofossil ooze
B	11	H	1	40	90.2	D			100	1							3	6	87	1			2	Foraminifer-bearing nannofossil ooze
B	11	H	3	40	93.2	D			100	1							9	12	70	2	1	2	3	Foraminifer-bearing nannofossil ooze
B	11	H	5	40	96.2	D			100								6	16	69	1	2	2	4	Foraminifer-bearing nannofossil ooze
B	11	H	5	93	96.73	D			100	1			2	2			4	18	65	1	1	1	5	Foraminifer-bearing nannofossil ooze
B	12	H	1	40	99.7	D			100	1							4	7	83	1	1	1	2	Nannofossil ooze
B	12	H	3	40	102.7	D			100								2	7	88			1	2	Nannofossil ooze
B	12	H	5	40	105.7	D			100	2							8	10	73	1	1	2	3	Foraminifer-bearing nannofossil ooze

Sample							Texture			Mineral								Biogenic						Rock		
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Glauconite	Mica	Opaques	Quartz	Volcanic Glass	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	bioclasts	Lithic Fragments	Comments
1171																										
C	1	H	1	50	0.5	D			100	1	2	10				3			20	63			1			Clay- and foraminifer-bearing nannofossil ooze
C	1	H	5	50	6.5	D			100	1	2	5				1		2	20	67	1		1			Foraminifer-bearing nannofossil ooze
C	2	H	3	118	13.68	D			100	1	2	4				1		1	40	50			1			Foraminifer nannofossil ooze
C	2	H	6	56	17.56	D			100		5	6				1		6	30	51	1					Foraminifer nannofossil ooze
C	3	H	1	3	19.03	M			100		5	5				2		1	50	35	1		1			Nannofossil foraminifer ooze
C	3	H	5	57	25.57	D			100	1	3	7				2		3	40	40	3		1			Foraminifer nannofossil ooze
C	4	H	2	60	30.6	D			100		3	7				1		8	30	48	2		1			Foraminifer nannofossil ooze
C	4	H	6	10	36.1	D			100		5	5				1		10	30	44	5					Diatom-bearing foraminifer nannofossil ooze
C	5	H	2	80	40.3	D			100	1	4	9				1		3	20	60	1		1			Foraminifer-bearing nannofossil ooze
C	5	H	5	88	44.88	D			100		3	5				1		2	24	64	1					Foraminifer-bearing nannofossil ooze
C	6	H	3	70	51.2	D			100		4	6				1		3	30	55	1					Foraminifer nannofossil ooze
C	6	H	6	40	55.4	D			100		5	5						1	30	57	1		1			Foraminifer nannofossil ooze
C	7	H	2	17	58.67	M			100	1	3	3				1		2	10	79	1					Foraminifer-bearing nannofossil ooze
C	7	H	2	139	59.89	M			100		2	7							30	60	1					Foraminifer nannofossil ooze
C	7	H	5	50	63.5	D			100	2	2	5				3		5	7	73	3					Nannofossil ooze
C	8	H	1	40	66.9	D			100	1								3	5	87	1			3		Nannofossil ooze
C	8	H	3	40	69.9	D			100			1						8	6	79	1	1	2	2		Nannofossil ooze
C	8	H	5	40	72.9	D			100	2								5	14	67	1	2	3	6		Foraminifer-bearing nannofossil ooze
C	9	H	1	40	76.4	D			100	1						1		4	11	75	1	1	3	3		Foraminifer-bearing nannofossil ooze
C	9	H	3	40	79.4	D			100	1								3	7	84	1		1	3		Nannofossil ooze
C	9	H	5	40	82.4	D			100									2	6	88	1		1	2		Nannofossil ooze
C	10	H	1	40	85.9	D			100	1									10	85	1		1	2		Foraminifer-bearing nannofossil ooze
C	10	H	3	40	88.9	D			100	1									12	81	1		2	3		Foraminifer-bearing nannofossil ooze
C	10	H	5	40	91.9	D			100	1									7	88			1	2	1	Nannofossil ooze
C	11	H	1	40	95.4	D			100	1								3	7	84	1	1	1	2		Nannofossil ooze
C	11	H	3	40	98.4	D			100				1					5	7	81	1	1	2	2		Nannofossil ooze
C	11	H	5	40	101.4	D			100	1								1	4	92			1	1		Nannofossil ooze
C	12	X	1	40	104.9	D			100	1									5	92			1	1		Nannofossil ooze
C	12	X	2	40	106.4	D			100	1								3	5	88	1			2		Nannofossil ooze
C	12	X	4	40	109.4	D			100									2	6	89	1		1	1		Nannofossil ooze
C	13	X	1	40	110.6	D			100										7	89	1		1	2		Nannofossil ooze
C	13	X	3	40	113.6	D			100	1								2	10	83	1		1	2		Foraminifer-bearing nannofossil ooze
C	13	X	4	40	115.1	D			100									2	11	85			1	1		Foraminifer-bearing nannofossil ooze
C	14	X	1	40	115.6	D			100										4	95			1			Nannofossil ooze
C	14	X	3	40	118.6	D			100									1	16	76	1		2	4		Foraminifer-bearing nannofossil ooze
C	14	X	5	40	121.6	D			100	1								1	38	55			2	3		Foraminifer nannofossil ooze
C	15	X	1	40	125.2	D			100	1			1					2	13	80			1	2		Foraminifer-bearing nannofossil ooze
C	15	X	3	40	128.2	D			100	1								1	10	86			1	1		Foraminifer-bearing nannofossil ooze
C	15	X	5	40	131.2	D			100	1								2	12	81	1		1	2		Foraminifer-bearing nannofossil ooze
C	16	X	2	62	136.62	D			100	2		10				1		5	20	58	3		1			Clay- and foraminifer-bearing nannofossil ooze
C	16	X	3	139	138.89	D			100	1	2	5						5	15	70	2					Foraminifer-bearing nannofossil ooze
C	17	X	1	50	144.6	D			100			5				1		1	10	82				1		Foraminifer-bearing nannofossil ooze
C	17	X	3	100	148.1	D			100			9				1			12	76	1			1		Foraminifer-bearing nannofossil ooze
C	18	X	2	75	155.95	D			100			5							12	82	1					Foraminifer-bearing nannofossil ooze
C	18	X	6	75	161.95	D			100			3						2	8	86	1					Nannofossil ooze
C	19	X	3	60	166.9	D			100			7						2	9	78	4					Nannofossil ooze
C	19	X	6	110	171.9	D			100			5						3	1	79	4			8		Nannofossil ooze
C	20	X	2	80	175.2	D			100	1	2	5						3	15	71	3					Foraminifer-bearing nannofossil ooze
C	20	X	4	80	178.2	D			100		2	7						1	15	73	2					Foraminifer-bearing nannofossil ooze

Sample							Texture			Mineral								Biogenic						Rock		
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Glauconite	Mica	Opaques	Quartz	Volcanic Glass	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	bioclasts	Lithic Fragments	Comments
1171																										
C	20	X	6	20	180.6	D			100		2	5						1	10	78	3		1			Foraminifer-bearing nannofossil ooze
C	21	X	2	80	184.5	D			100		1	3				1		5	15	73	1	1				Foraminifer-bearing nannofossil ooze
C	21	X	5	70	188.9	D			100			4				1		7	10	76		1	1			Foraminifer-bearing nannofossil ooze
C	22	X	2	90	194.2	D			100		3	2				1		2	25	63	3		1			Foraminifer-bearing nannofossil ooze
C	22	X	5	43	198.23	D			100		3	2						3	30	57	5					Foraminifer nannofossil ooze
C	23	X	2	40	203.4	D			100			3				1		2	7	82	5					Nannofossil ooze
C	23	X	4	40	206.4	D			100	1	3	5							30	54	5		2			Foraminifer nannofossil ooze
C	23	X	6	40	209.4	D			100		2	5							20	67	5		1			Foraminifer-bearing nannofossil ooze
C	24	X	1	55	211.65	D			100		2	2						1	10	81	3		1			Foraminifer-bearing nannofossil chalk
C	24	X	2	101	213.61	D			100	1									7	87	1	1	1	2		Nannofossil chalk
C	24	X	2	49	213.09	D			100	1								1	8	85	1	1	2	1		Nannofossil chalk
C	24	X	3	43	214.53	D			100	1	3	5						2	10	76	2		1			Foraminifer-bearing nannofossil chalk
C	24	X	4	52	216.12	D			100	1		2	1					1	13	77			1	4		Foraminifer-bearing nannofossil chalk
C	24	X	5	55	217.65	D			100	3		2	1					2	13	74	1		1	3		foraminifer-bearing nannofossil chalk
C	24	X	5	55	217.65	D			100		3	3				1		1	10	75	5		2			Foraminifer-bearing nannofossil chalk
C	25	X	1	40	221.1	D			100	2		1							11	84			1	1		Foraminifer-bearing nannofossil chalk
C	25	X	3	40	224.1	D			100	2		2							9	85			2			Nannofossil chalk
C	25	X	5	40	227.1	D			100	2		1						1	7	84	1		2	2		Nannofossil chalk
C	26	X	1	40	230.7	D			100	2		1				1			12	78	2		2	2		Foraminifer-bearing nannofossil chalk
C	26	X	2	73	232.53	D			100	1		2				1			10	82	1		2	1		Foraminifer-bearing nannofossil chalk
C	26	X	3	40	233.7	D		2	98			3	1					1	12	75	1		3	2	2	Foraminifer-bearing nannofossil chalk
C	26	X	5	40	236.7	D			100	2		2						2	6	83	1	1	2	1		Nannofossil chalk
C	27	X	1	40	240	D			100	1		1							15	78			2	3		Foraminifer-bearing nannofossil chalk
C	27	X	3	40	243	D		1	99	1			1					2	18	72			3	2	1	Foraminifer-bearing nannofossil chalk
C	27	X	5	40	246	D		1	99	1		2						1	14	76	1		3	1	1	Foraminifer-bearing nannofossil chalk
C	28	X	1	40	249.3	D	1	3	96	2		2						2			1					Foraminifer-bearing nannofossil chalk
C	28	X	2	40	250.8	D		3	97	2		1						2								Foraminifer-bearing nannofossil chalk
C	28	X	4	40	253.4	D		7	93			4						1	25							Foraminifer-bearing nannofossil chalk
C	28	X	2	40	250.8	D		3	97							1				80	1		2	1		Foraminifer-bearing nannofossil chalk
C	28	X	4	40	253.4	D		7	93				1			2				51	3		5	4	4	Foraminifer-bearing nannofossil chalk
C	28	X	2	40	250.8	D		3	97										10							Foraminifer-bearing nannofossil chalk
C	28	X	1	40	249.3	D	1	3	96				1			1			12	74			3		2	Foraminifer-bearing nannofossil chalk
C	29	X	1	40	258.9	D		3	97	3		3			1	1		2	18	64	1		3	2	2	Foraminifer-bearing nannofossil chalk
C	29	X	3	40	261.9	D			100	2		2						4	13	73	1		2	3		Foraminifer-bearing nannofossil chalk
C	29	X	4	40	263.4	D		2	98	3		4		1		1		5	13	61	2	3	5	2		Foraminifer-bearing nannofossil chalk
C	30	X	1	40	268.5	D		6	94	3		4	1		1	1		13	6	54	3	2	5	3	4	Diatom-bearing nannofossil chalk
C	30	X	2	40	270	D		5	95	4		5	1	1				11	12	57			4	2	3	Foraminifer- and diatom-bearing nanno chalk
C	30	X	3	40	271.5	D		7	93	3		4	4		1	1		2	13	62			5	3	2	Foraminifer-bearing nannofossil chalk
C	30	X	4	40	272.6	D	1	6	93			3	3			2		3	11	67	2		5	2	2	Foraminifer-bearing nannofossil chalk
C	30	X	CC	21	272.95	M		4	96	2		3	4			2		2	6	78			3			Nannofossil chalk
C	31	X	1	40	273.9	D	24	40	36	15		26	16		2	11	7			4			4		15	Glauconitic sandy silt

Sample							Texture			Mineral											Biogenic						Rock					
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Dolomite	Felspathoid	Glauconite	Mica	Opaques	Quartz	Volcanic Glass	Zeolite	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	bioclasts	organic debris	Bioclasts	Lithic Fragments	Rock Fragment	Comments
1171																																
D	1	R	1	40	248	D		3	97	2		3									2	11	77	1		3	1					Foraminifer-bearing nannofossil chalk
D	1	R	2	40	249.5	D		5	95	4		3			2						4	16	58	2	1	4	3			3		Foraminifer-bearing nannofossil chalk
D	2	R	1	40	257.4	D		6	94	4		2			2			1			5	11	66	2	1	3	1			2		Foraminifer-bearing nannofossil chalk
D	2	R	2	40	258.9	M		4	96	4		4			2						7	13	60	2	1	5	2					Foraminifer-bearing nannofossil chalk
D	3	R	1	100	267.6	D			100		10	22						3	1		2	15	34	5		3			5			Carbonate-, foraminifer, clay bearing nanno chalk
D	3	R	1	40	267	D			100	2		1			2						12	5	67	2	3	4	2					Diatom-bearing nannofossil chalk
D	3	R	2	80	268.9	D		2	98		5	15						2	1		1	5	70			1						Clay-bearing nannofossil chalk
D	3	R	2	40	268.5	D			100	4		3									10	20	53	3	2	5						Foraminifer- and diatom-bearing nanno chalk
D	3	R	3	86	270.46	D	20	45	35	1		33			40			20	1				5									Glauconitic clayey siltstone
D	3	R	3	21	269.81	M			100		2	5						1			2	2	75	7	1	5						Nannofossil chalk
D	3	R	3	10	269.7	D	5		95	1		25			5			3			1	20	39		1	5						Foraminifer-, clay- bearing nannofossil chalk
D	3	R	3	70	270.3	D	11	45	44	5		62			10	3	3	4	4				5					4				Glauconitic clayey siltstone
D	4	R	1	45	276.65	D	10	15	75		3	25			7			10	1		5	1	10	30	1	7						Nannofossil-bearing clayey radiolarian chalk
D	4	R	3	30	279.5	D	5	10	85	1	2	27			3		2		1		7	2	15	35		5						Nannofossil-bearing clayey radiolarian chalk
D	5	R	1	45	286.25	D	20	40	40		3	34			15		5	10	3		15		7	3		5						Diatom-, glauconitic- bearing silty claystone
D	5	R	2	48	287.28	D		40	60	1	3	33			2		2	7	2		30		7	5	1	7						Diatomaceous silty claystone
D	6	R	1	69	294.49	D		40	60	5		62			10		3	15					5									Silty claystone
D	7	R	1	65	301.05	D		10	90		2	28					2	5			40	2	15	2	1	3						Nannofossil bearing clayey diatomaceous claystone
D	8	R	1	55	305.95	D		10	90		2	28					3	7	1		40		10	3	1	5						Nannofossil bearing clayey diatomaceous claystone
D	8	R	2	90	307.8	D		10	90		3	24					3	10			40		7	5	1	7						Clayey diatomaceous chalk
D	9	R	1	42	315.12	D		10	90		3	30					2	7			30	1	15	5		7						Nannofossil-bearing diatom claystone
D	9	R	2	10	316.3	D		10	90		2	33					2	5			25		25	5		3						Diatom and nannofossil claystone
D	9	R	3	65	318.35	D		10	90			25			20			25	1		20			3	1	5						Diatom-bearing clayey siltstone
D	10	R	1	80	325.1	D			100			43					2	3	1		38		5	3		5						Diatomaceous claystone
D	10	R	3	56	327.86	D			100	1		49			1		2	5			36			2	1	3						Diatomaceous claystone
D	10	R	3	86	328.16	D			100	1	2	57						5			30			3		2						Diatomaceous claystone
D	12	R	CC	10	343.6	D		20	80	10		66			3	2	4	9					2					4				silty claystone
D	13	R	CC	10	353.3	D		5	95	7		75				3	4	4					4					3				claystone
D	14	R	CC	10	363.22	D		15	85	7		59				3	8	13	4									4		2		claystone
D	15	R	1	40	372.8	D		6	94	3		79					5	6	3				4									Claystone
D	15	R	2	40	374	D		4	96	7		67			4		9	4					4					3		2		Claystone
D	16	R	1	40	382.4	D		3	97	5		75				1	8	3					3					4		1		Claystone
D	16	R	1	120	383.2	M	1	4	95	7		58			1	2	10	3	4				12					3				Nannofossil-bearing claystone
D	16	R	2	40	383.9	D		8	92	8		56			1	2	9	14	3				4					3				Claystone
D	16	R	2	130	384.8	M		3	97	7		64			1		6	4					15					3				Nannofossil-bearing claystone
D	17	R	1	40	392	D		7	93	10		54				3	14	10	1			1	3	1				3				Claystone
D	17	R	3	40	395	D		10	90	10		58			1	3	8	8	5				5					2				Claystone
D	17	R	5	40	398	D		10	90	10		58			1	3	8	8	5				5					2				Claystone
D	19	R	1	80	411.6	D		6	94	8		51			2		11	8	3				14					3				Nannofossil-bearing claystone
D	19	R	3	80	414.6	D		2	98	8		61			1	1	9	3					16					1				Nannofossil-bearing claystone
D	19	R	5	80	417.6	D		3	97	5		57			3		6	6					20					3				Nannofossil-bearing claystone
D	19	R	5	70	417.5	M		10	90	5	60	20			4	2	5	2										2				Clay-bearing carbonate (calcite vein)
D	20	R	1	40	420.8	D	10	45	45	8		47			16		7	12	2				4					4				Glauconitic- bearing silty claystone
D	20	R	1	82	421.22	M	40	35	25	7		24			40	2	8	11	2				1							5		Glauconitic silty sand
D	20	R	3	40	423.8	D	2	7	91	6		55			2	3	12	10	5									7				Claystone
D	20	R	5	40	426.8	D	2	11	87	7		56			3		8	14	3									9				Claystone
D	21	R	CC	12	430.12	D		8	92	4		67			1	2	5	9	2		1		1					8				claystone
D	22	R	1	40	440	D		6	94	6		57			1		10	11	7				2					6				Claystone
D	22	R	3	40	443	D	2	12	86	6		60			2	4	11	13										4				Claystone

Sample							Texture			Mineral												Biogenic						Rock					
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Dolomite	Felspathoid	Glauconite	Mica	Opaques	Quartz	Volcanic Glass	Zeolite	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	bioclasts	organic debris	Bioclasts	Lithic Fragments	Rock Fragment	Comments
1171																																	
D	22	R	5	40	446	D	2	6	92	7		63			1	3	8	9	3				4					2				Claystone
D	23	R	1	85	450.05	D		10	90	1	5	79					2	7					6									Claystone
D	23	R	3	95	453.15	D	5	15	80		7	62					7	20					4									Claystone
D	24	R	2	100	461.3	D	2	10	88		3	63					7	15	5				7									Claystone
D	24	R	4	43	463.73	D	2	15	83	2	2	65					5	20	3				3									Claystone
D	25	R	1	83	469.33	D	2	10	88	2	1	49			1		7	25	7									8				Claystone
D	25	R	4	64	473.64	M	3	12	85	5		42			1		12	25	3									12				Organic-bearing claystone
D	25	R	6	70	476.7	D	7	10	83		1	40			1		15	27	7									9				Claystone
D	25	R	6	14	476.14	D	2	7	91	3	1	38			2		20	30	3									3				Claystone
D	26	R	2	100	480.6	D	2	9	89		1	79					4	15										1				Claystone
D	26	R	5	56	484.66	D	3	10	87	2		51			1		10	30	1									5				Claystone
D	26	R	7	31	487.41	D	1	12	87		1	58					6	25	1				8					1				Claystone
D	27	R	2	60	489.8	D	2	23	75			61			1		3	20					15									Nannofossil-bearing silty claystone
D	27	R	3	10	490.8	D	1	19	80			75			1			15	1				8									Claystone
D	27	R	7	32	497.02	D	1	11	88			62			1		5	10	2				20									Nannofossil - bearing claystone
D	28	R	1	100	498.3	D	10	20	70		1	66			1		3	7				1	20					1				Nannofossil - bearing claystone
D	28	R	3	32	500.62	D	2	20	78	1	1	65			1		3	7	1			1	20									Nannofossil- bearing claystone
D	28	R	5	60	503.9	D	2	15	83		1	69			1		5	15					7			1		1				Silty claystone
D	29	R	1	60	507.6	D	2	8	90	1																						Claystone
D	29	R	3	120	511.2	D	2	18	80			69			2																	Silty claystone
D	29	R	6	20	514.7	D	0	15	85	1		85			1			10					3									Claystone
D	29	R	3	120	511.2	D	2	18	80								2	20					5					1				Silty claystone
D	29	R	1	60	507.6	D	2	8	90		1						3	5														Claystone
D	29	R	3	120	511.2	D	2	18	80	1																						Silty claystone
D	29	R	1	60	507.6	D	2	8	90			85											5									Claystone
D	30	R	2	30	518.21	D	5	15	80	7		62			2	2	8	9					4					2		4		Silty claystone
D	30	R	4	30	521.21	D		9	91	8		63			2	2	10	7	2				4					2				Claystone
D	30	R	5	80	523.21	D	2	8	90	6		56			3		7	6	2				16	1				3				Nannofossil-bearing claystone
D	30	R	6	30	524.21	D	4	20	76	7		44			2		9	25	6				4					3				Silty claystone
D	31	R	1	40	526.6	D	4	12	84	4		66			2	2	6	6					9					4		1		Silty claystone
D	31	R	3	40	529.6	D	2	8	90	4		52			2	3	7	8					21					3				Nannofossil-bearing claystone
D	31	R	4	100	531.7	M		5	95	13		40				2	2	9					30					4				Nannofossil claystone
D	31	R	5	40	532.6	D		6	94	9		58				3	9	8					10					2		1		Nannofossil-bearing claystone
D	32	R	1	40	536.2	D		2	98	6		46				1	5	4	1				35					2				Claystone
D	32	R	3	40	539.2	D	2	5	93	6		55			2	1	11	5	4				13					3				Nannofossil-bearing claystone
D	32	R	5	40	542.2	D	1	8	91	6		74			1	2	4	3					8					2				Nannofossil claystone
D	33	R	1	40	545.9	D	2	10	88	4		74			2	2		6					12									Nannofossil-bearing claystone
D	33	R	3	40	548.9	D	15	50	35	10		37			3	3	6	20	3					1				2		15		Clayey siltstone
D	33	R	5	40	551.9	D	5	12	83	10		68			3		3	6					3					2		5		Silty claystone
D	34	R	1	40	555.5	D	3	25	72	9		74			2	2	4	6					1					2				Silty claystone
D	34	R	3	40	558.5	D	1	5	94	9		59			1		5	7				3	13					3				Nannofossil-bearing claystone
D	34	R	5	40	561.5	D	3	13	84	9		58			3		8	10	1				4					4		3		Claystone
D	35	R	1	40	565.1	D	4	12	84	6		62			3	2	4	8					9					3		3		Claystone
D	35	R	3	40	568.1	D	2	13	85	3		72			2		4	8					8	1				2				Claystone
D	35	R	5	40	571.1	D	3	16	81	5		68			2	2	3	13					4					3				Claystone
D	36	R	1	40	574.7	D		10	90	6		66			2	2	4	6					11					3				Nannofossil-bearing claystone
D	36	R	3	40	577.7	D		4	96	4		52			2		7	5	9				18					3				Nannofossil-bearing claystone
D	36	R	4	63	579.43	M	35	50	15	7		12			8	3	8	50	3				2	1				6				Py- and Org matter bearing sandy siltstone
D	36	R	4	64	579.44	M	10	60	30	20	2	31			3		15	25					1	1				2				Clayey siltstone
D	36	R	5	40	580.7	D	3	15	82	4		61			2	2	6	8	3				10					4				Nannofossil-bearing silty claystone

Sample							Texture			Mineral												Biogenic						Rock					
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Dolomite	Felspathoid	Glauconite	Mica	Opaques	Quartz	Volcanic Glass	Zeolite	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	bioclasts	organic debris	Bioclasts	Lithic Fragments	Rock Fragment	Comments
1171																																	
D	37	R	2	80	586.2	D	10	30	60	5	1	40			1		5	25	2			1	20									Nannofossil-bearing silty claystone
D	37	R	4	43	588.83	D	5	40	55	20	3	35			1		2	20	3				15			1						Nannofossil-bearing silty claystone
D	37	R	6	20	591.6	D	5	35	60	10	3	30		1	1		5	25	5				20									Nannofossil-bearing silty claystone
D	38	R	3	40	597	D	2	17	81		2	52			1	1	6	15	2			1	20									Nannofossil-bearing claystone
D	38	R	5	80	600.4	D	3	10	87	2	5	51			1		7	10	2			1	20					1				Nannofossil-bearing claystone
D	38	R	7	20	602.8	D	7	25	68	5	2	39			1	1		25	2				15					10				Nannofossil-bearing silty claystone
D	39	R	1	70	603.9	D		20	80	1	5	73					1	5					15									Nannofossil-bearing silty claystone
D	39	R	5	30	609.5	D		20	80		2	63			1		1	15	2			1	15									Nannofossil-bearing silty claystone
D	39	R	6	104	611.74	M	5	35	60	1	7	41			1		3	7	10				30									Nannofossil silty claystone
D	40	R	1	50	613.3	D	3	30	67	5	1	41			1			22					25					5				Nannofossil-bearing silty claystone
D	40	R	5	50	619.3	D	2	15	83	5		47					3	30	5	1			4					5				Silty claystone
D	40	R	6	33	620.63	M			100			25					3	4	57				1					10				Altered volcanic glass
D	41	R	2	60	624.5	D	2	10	88	3		58					1	7	1				30									Nannofossil claystone
D	41	R	3	120	626.6	M	10	30	60			53			2		7	20	10				1					7				Silty claystone
D	41	R	3	140	626.8	M		10	90	2		30					15	10	42				1									Altered volcanic glass
D	41	R	6	20	630.1	M	10	30	60	2		42			1		10	30	2				3					10				Organic-bearing clayey siltstone
D	42	R	2	50	634	D		35	65			43			1		7	30	7				5					7				Silty claystone
D	42	R	3	123	636.23	D		40	60	3		56					2	7	20				10					2				Nannofossil-bearing silty claystone
D	43	R	1	40	642	D	2	7	91	7		60			1	2	2	5	12				4					5		2		Claystone
D	43	R	3	40	645	D	2	7	91	6		61			2		3	5	9				6					6		2		Claystone
D	43	R	5	40	648	D	1	6	93	4	2	70					4	3	2				11					3		1		Nannofossil-bearing claystone
D	44	R	1	40	651.7	D		4	96	4	1	53			2	2	3	3					27					5				Nannofossil claystone
D	44	R	3	40	654.7	D	3	5	92	2	3	59				1	4	3	1				20					5		2		Nannofossil-bearing claystone
D	44	R	5	40	657.7	D	4	6	90	5	4	31			2	3	6	2	4			1	33					6		3		Nannofossil claystone
D	45	R	1	40	661.3	D	2	6	92	5	1	67			1	1	3	2	2				12					6				Nannofossil-bearing claystone
D	45	R	3	40	664.3	D		4	96	4	1	57				2	4	6	3				18					5				Nannofossil-bearing claystone
D	45	R	4	40	664.94	D	2	6	92	4	1	50			1	1	6	5	7			1	17					5		2		Nannofossil-bearing claystone
D	46	R	1	40	670.9	D		5	95	3	6	51			1	1	3	3	5				23					4				Nannofossil-bearing claystone
D	46	R	3	40	673.9	D	3	16	81	5	4	39			1		3	6	22				13					7				Nannofossil-bearing silty claystone
D	46	R	5	40	676.9	D		20	80	4		33					1	3	18			1	32					8				Nannofossil claystone
D	47	R	1	40	680.6	D		13	87	4	12	43				1	4	3					29					4				Nannofossil claystone
D	47	R	3	40	682.31	D		15	85	6	10	23			1			5	15				33					7				Nannofossil silty claystone
D	47	R	5	40	685.31	D		7	93	4	3	58				2	3	8	4			1	13					4				Nannofossil-bearing claystone
D	47	R	6	27	686.68	M	77	16	7	5	26	12			5		6	15	4			2	8					11		6		Carbonate sandstone
D	48	R	1	40	690.3	D	2	14	84	5	8	51				2	4	7	2				15					4		2		Nannofossil-bearing silty claystone
D	48	R	2	92	692.32	M	70	20	10	5	35	10			5	3	2	20					5					5		10		Carbonate sandstone
D	48	R	3	40	693.3	D	3	23	74	7	5	49			2	3	10	13	3				5					3				Silty claystone
D	48	R	5	40	696.3	D	2	22	76	3	2	63			2	2	4	17	3				1					3				Silty claystone
D	49	R	3	62	702.14	D	5	40	55			55					1	40	2				1					1				Silty claystone
D	49	R	6	90	706.92	D	5	35	60	2		57					2	10	20			1	7					1				Silty claystone
D	50	R	3	40	712.5	D	10	40	50	1	2	41					2	30	3				20					1				Nannofossil-bearing silty claystone
D	50	R	5	110	716.2	D	2	43	55			55					1	30	10				2					2				Silty claystone
D	50	R	6	5	716.65	D	2	48	50	1	2	50			1		3	20	20				3									Silty claystone
D	51	R	2	80	721	D	10	20	70	3	2	40	1		1		7	30	1				15									Nannofossil-bearing silty claystone
D	51	R	5	30	725	D	10	30	60	3	2	50				1	5	25	1				10					3				Nannofossil-bearing silty claystone
D	52	R	1	71	729.01	D	3	20	77		3	45	1		1		5	20	1			1	20					3				Nannofossil-bearing silty claystone
D	52	R	4	74	733.54	D	15	30	55		1	42	1		1		8	40	2									5				Silty claystone
D	52	R	5	22	734.52	M	10	30	60		2	27			1		4	50					6					10				Organic matter-bearing silty claystone
D	53	R	1	60	738.5	D	0	45	55	2		51					2	40	2				3									Silty claystone
D	53	R	3	80	741.7	D	5	58	37	2		37			1		3	50	5				1					1				Clayey siltstone

Sample							Texture			Mineral												Biogenic						Rock					
Hole	Core	CT	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Accessory Minerals	Carbonate	Clay	Dolomite	Felspathoid	Glauconite	Mica	Opaques	Quartz	Volcanic Glass	Zeolite	Diatoms	Foraminifers	Nannofossils	Radiolarians	Silicoflagellates	Sponge Spicules	bioclasts	organic debris	Bioclasts	Lithic Fragments	Rock Fragment	Comments
1171																																	
D	54	R	1	50	748	D	1	58	41	2	3	41			1			50	2				1									Clayey siltstone
D	54	R	4	50	752.5	D	2	48	50	3	1	47					1	40	2				5					1				Silty claystone
D	55	R	1	60	757.7	D	1	34	65			47					8	40	1				2					2				Silty claystone
D	55	R	3	60	760.7	D	2	30	68			65					1	32					1				1					Silty claystone
D	55	R	6	100	765.6	D	1	29	70			64						30	1									5				Silty claystone
D	56	R	1	70	767.4	D	5	25	70			64					3	25	3				2					3				Silty claystone
D	56	R	3	66	770.36	D	3	28	69	1		60					2	28	1				2					3			3	Silty claystone
D	57	R	3	79	780.09	D	1	30	69	1		62					2	30	2									3				Silty claystone
D	58	R	2	80	788.2	D	1	24	75			75					1	24														Silty claystone
D	58	R	4	80	791.2	D	3	30	67			65					2	32										1				Silty claystone
D	58	R	6	80	794.2	D	7	28	65	1		65					3	30										1				Silty claystone
D	59	R	1	80	796.3	D	5	36	59	1		59					2	35	1									2				Silty claystone
D	59	R	3	8	798.58	D	4	38	58	2		58					2	35										3				Silty claystone
D	59	R	5	80	802.3	M	2	36	62			62					1	35										2				Silty claystone
D	59	R	7	40	804.9	D	7	35	58	2		55					1	40										2				Silty claystone
D	60	R	4	80	810.4	D	3	65	32		3	14			1		20	40	2									20				Organic matter-bearing clayey siltstone
D	61	R	2	77	816.97	D	2	40	58		8	32			1		6	40	3									10				Organic matter-bearing clayey siltstone
D	62	R	1	90	825.2	D		45	55	5	2	48						40	5													Silty claystone
D	62	R	5	130	831.6	D		45	55	5		50					7	35	3													Silty claystone
D	62	R	7	64	833.94	D		45	55	3	5	50					7	30	5													Silty claystone
D	63	R	1	50	834.4	D		50	50	2		49			1		3	40	3									2				Clayey siltstone
D	63	R	4	80	839.2	D	2	65	33	1		33			1		5	50	10													Clayey siltstone
D	64	R	1	59	844.09	D	5	59	36	1		36			2		5	50	3									3				Clayey siltstone
D	64	R	3	74	847.24	D	2	47	51	1	2	51			1		3	40	1									1				Silty claystone
D	64	R	5	57	850.07	D	7	61	32	2		31					5	50	10				1					1				Clayey siltstone
D	65	R	1	60	853.7	D	5	45	50	1		50			1		3	40	2				1					2				Silty claystone
D	65	R	3	76	856.86	M	10	55	35			35			1	1	3	50	10													Clayey siltstone
D	65	R	5	50	859.6	D	5	69	26	1	1	26			1		5	50	15									1				Clayey siltstone
D	66	R	2	86	865.06	D	5	50	45	1	3	51			1		8	35										1				Clayey siltstone
D	66	R	4	31	867.51	D	6	50	44	3		48			1		5	35	2									6				Clayey siltstone
D	66	R	5	130	870	D	10	60	30		1	23			1		15	50										10				Organic-matter bearing clayey siltstone
D	67	R	1	60	872.9	D	5	62	33	1		33			1		3	50	10									2				Clayey siltstone
D	67	R	3	120	876.5	D	2	60	38	2	3	38			1		3	50	2									1				Clayey siltstone
D	67	R	6	15	879.95	D		61	39	1		39			1		5	50	2									2				Clayey siltstone
D	68	R	2	60	883.8	D	2	70	28	1	4	21			1	1	12	45										15				Organic matter-bearing clayey siltstone
D	69	R	1	96	892.26	D	2	80	18	9	1	20			1		15	45										9				Clayey siltstone
D	69	R	2	136	894.16	D	5	75	20	1	1	23					15	40										20				Organic matter-bearing clayey siltstone
D	70	R	1	127	902.17	D	8	50	42	1	8	30	1		1		5	50										4				Clayey siltstone
D	70	R	5	95	907.85	D	5	70	25		3	15			1		10	50	1									20				Organic matter-bearing clayey siltstone
D	71	R	2	50	912.5	D	10	70	20	1	2	18			2		12	55	1									9				Clayey siltstone
D	71	R	2	80	912.8	D	5	70	25		50		10		1		9	30														Clayey siltstone
D	71	R	3	70	914.2	M	3	60	37		2	30			2		15	35	1									15				Organic matter-bearing clayey siltstone
D	71	R	5	70	917.2	D	3	50	47	1	5	31			1		12	30										20				Organic matter-bearing clayey siltstone
D	72	R	1	91	921.11	D	2	70	28		2	26			1	1	10	40										20				Organic matter-bearing clayey siltstone
D	72	R	4	24	924.94	D	5	70	25	1	3	25			1		15	40										15				Organic matter-bearing clayey siltstone
D	73	R	1	100	930.9	D	6	30	64	1	8	37	1				7	40										6				Clayey siltstone
D	73	R	4	110	935.5	D	2	60	38	1	9	35					6	40										9				Clayey siltstone
D	75	R	1	93	950.13	D	5	70	25	2	1	16			1		15	40										25				Organic matter-bearing clayey siltstone
D	75	R	4	40	954.1	D	2	60	38	1	3	10			1		20	45										20				Organic matter-bearing clayey siltstone