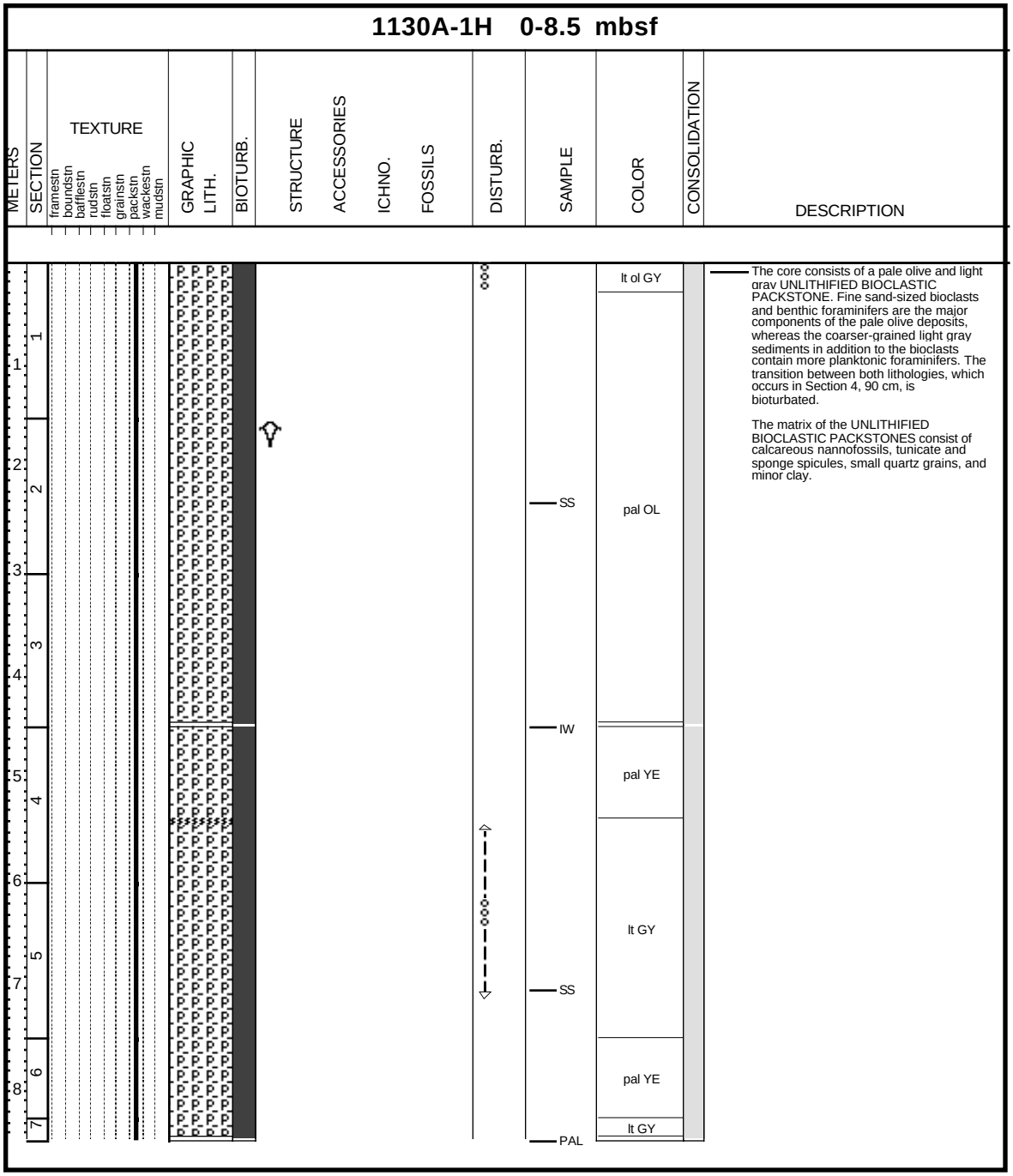
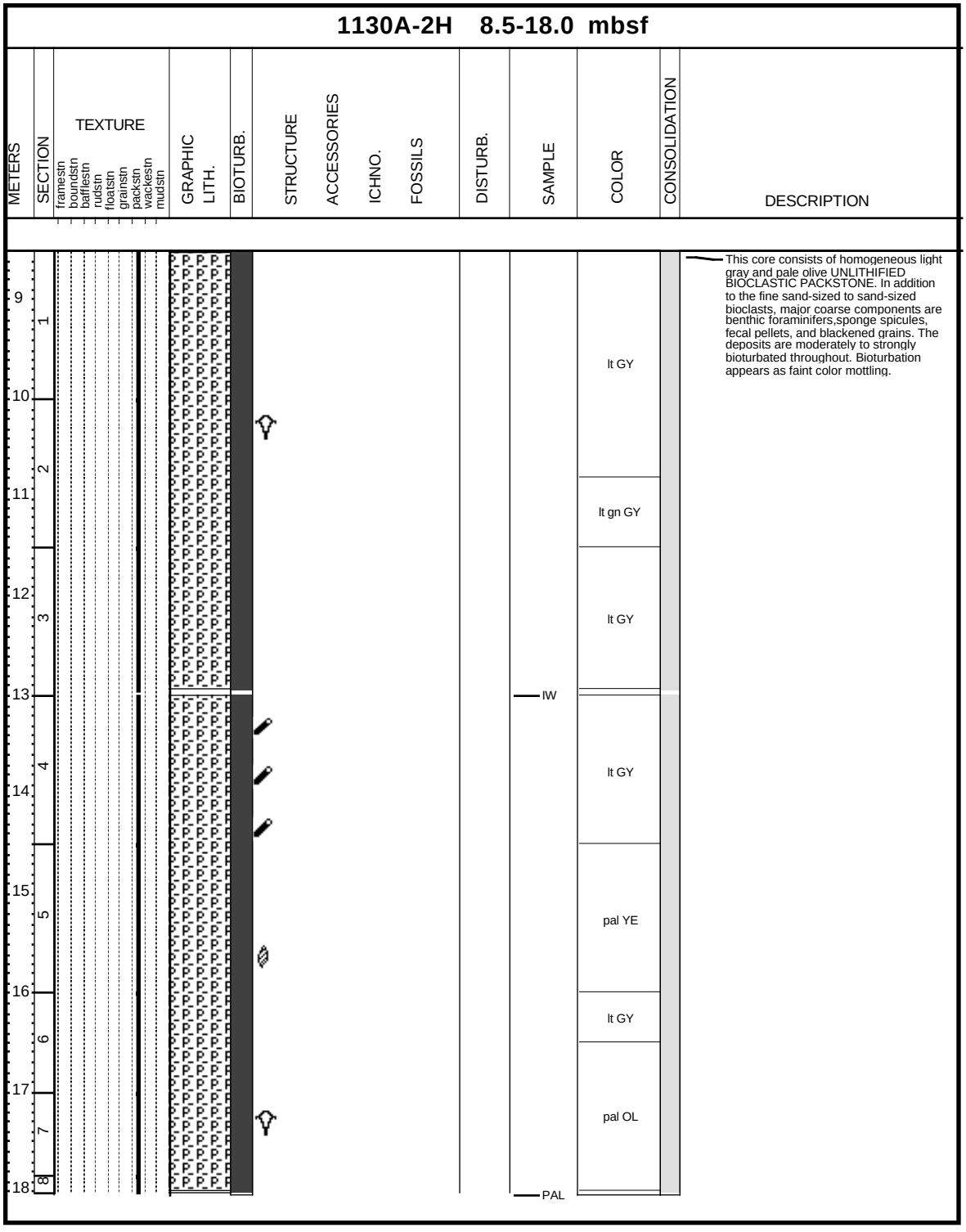
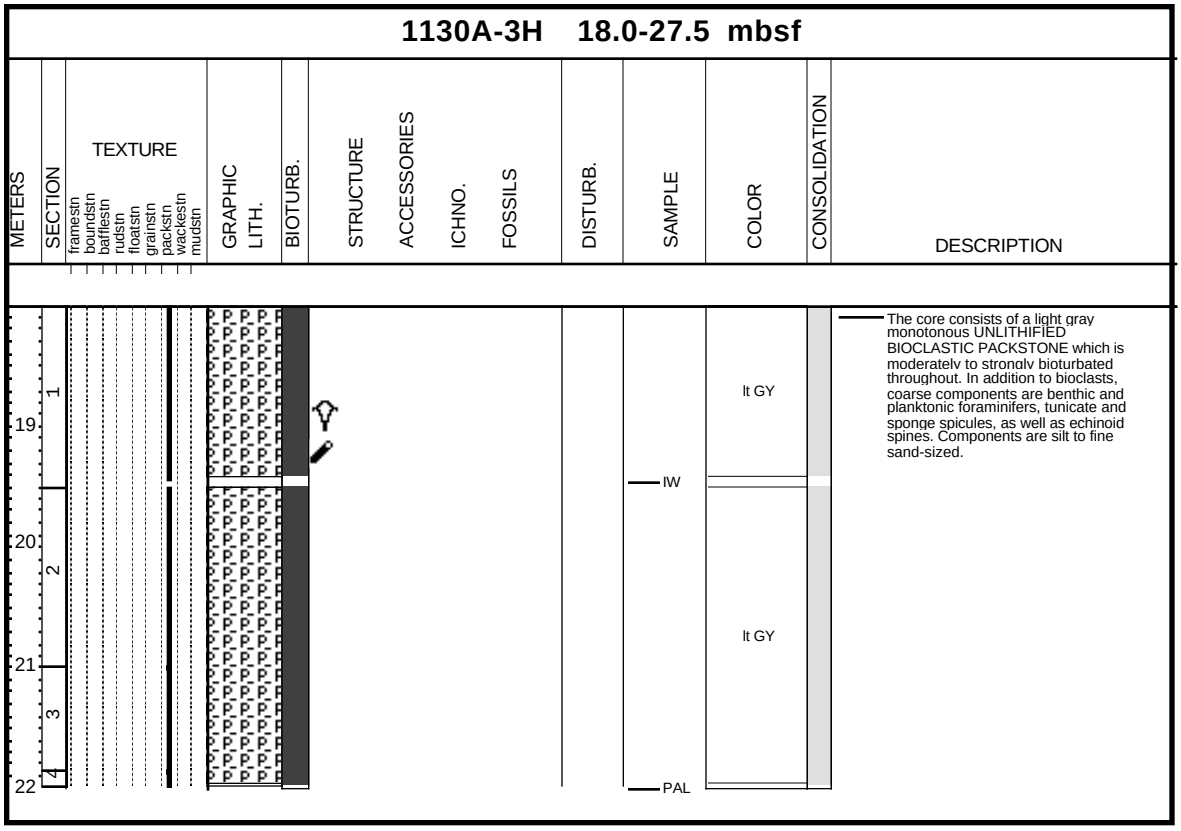
Core Photo


1130A-1H 0-8.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
SS
IW
SS
PAL
lt ol GY
pal OL
pal YE
lt GY
pal YE
lt GY
The core consists of a pale olive and light gray UNLITHIFIED BIOCLASTIC PACKSTONE. Fine sand-sized bioclasts and benthic foraminifers are the major components of the pale olive deposits, whereas the coarser-grained light gray sediments in addition to the bioclasts contain more planktonic foraminifers. The transition between both lithologies, which occurs in Section 4, 90 cm, is bioturbated.
The matrix of the UNLITHIFIED BIOCLASTIC PACKSTONES consist of calcareous nannofossils, tunicate and sponge spicules, small quartz grains, and minor clay.

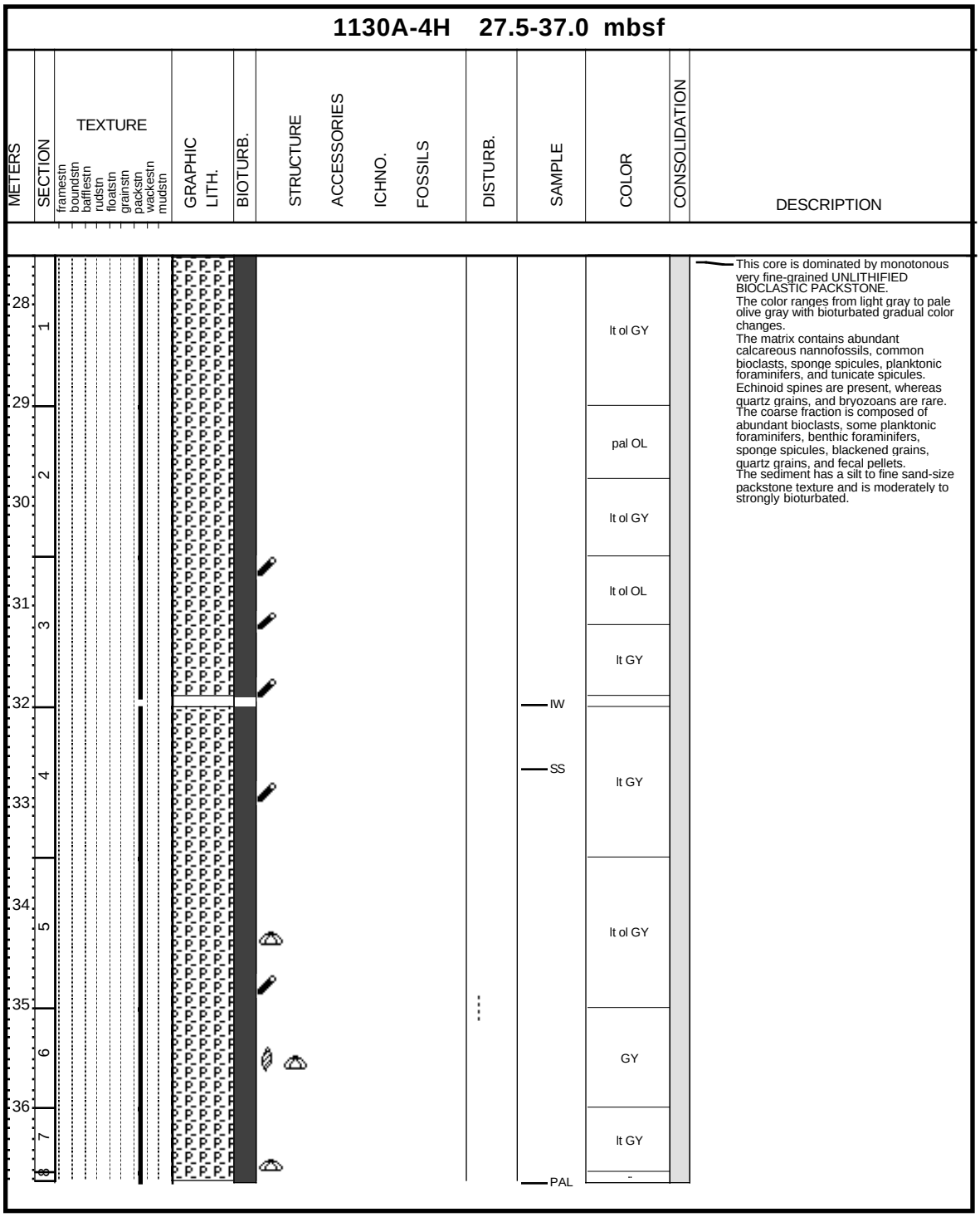
Core Photo


1130A-2H 8.5-18.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
This core consists of homogeneous light gray and pale olive UNLITHIFIED BIOCLASTIC PACKSTONE. In addition to the fine sand-sized to sand-sized bioclasts, major coarse components are benthic foraminifers,sponge spicules, fecal pellets, and blackened grains. The deposits are moderately to strongly bioturbated throughout. Bioturbation appears as faint color mottling.
lt GY
lt gn GY
lt GY
IW
lt GY
pal YE
lt GY
pal OL
PAL

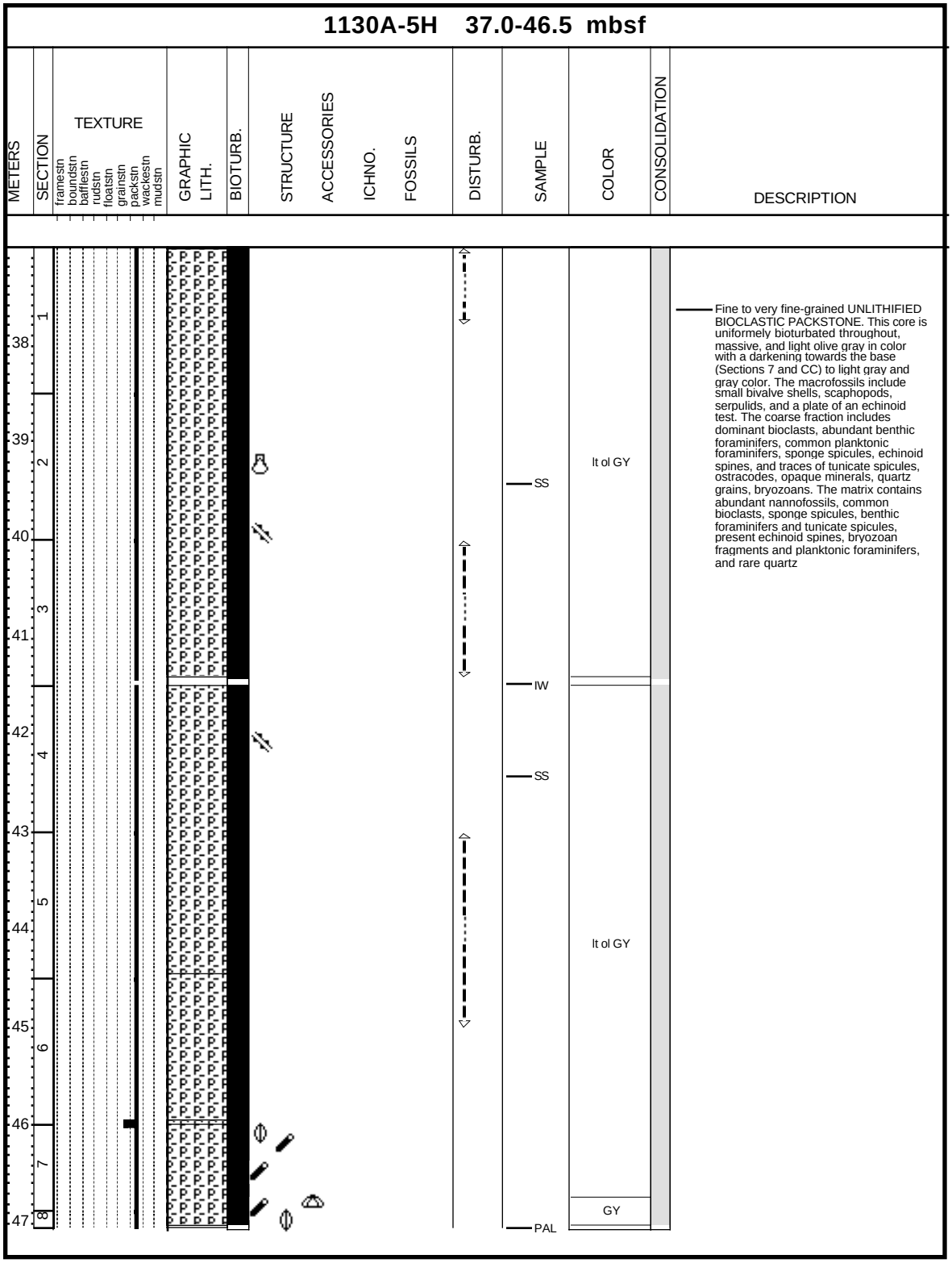
Core Photo


1130A-3H 18.0-27.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
19
20
21
22
1
2
3
4
IW
PAL
lt GY
lt GY
The core consists of a light gray monotonous UNLITHIFIED BIOCLASTIC PACKSTONE which is moderately to strongly bioturbated throughout. In addition to bioclasts, coarse components are benthic and planktonic foraminifers, tunicate and sponge spicules, as well as echinoid spines. Components are silt to fine sand-sized.

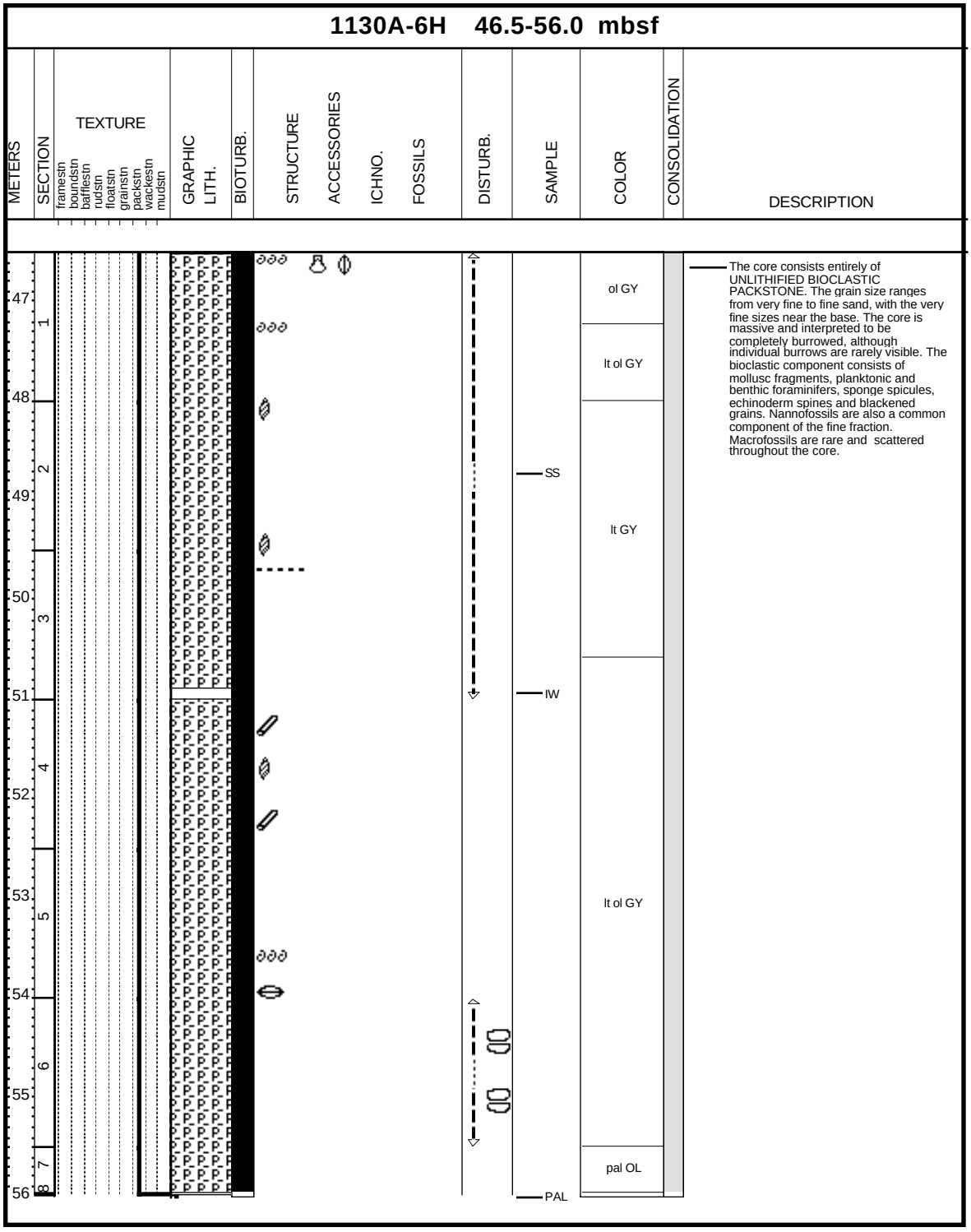
Core Photo


1130A-4H 27.5-37.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
bafflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
28
29
30
31
32
33
34
35
36
1
2
3
4
5
6
7
8
IW
SS
PAL
lt ol GY
pal OL
lt ol GY
lt ol OL
lt GY
lt GY
lt ol GY
GY
lt GY
This core is dominated by monotonous very fine-grained UNLITHIFIED BIOCLASTIC PACKSTONE.
The color ranges from light gray to pale olive gray with bioturbated gradual color changes.
The matrix contains abundant calcareous nannofossils, common bioclasts, sponge spicules, planktonic foraminifers, and tunicate spicules. Echinoid spines are present, whereas quartz grains, and bryozoans are rare.
The coarse fraction is composed of abundant bioclasts, some planktonic foraminifers, benthic foraminifers, sponge spicules, blackened grains, quartz grains, and fecal pellets.
The sediment has a silt to fine sand-size packstone texture and is moderately to strongly bioturbated.

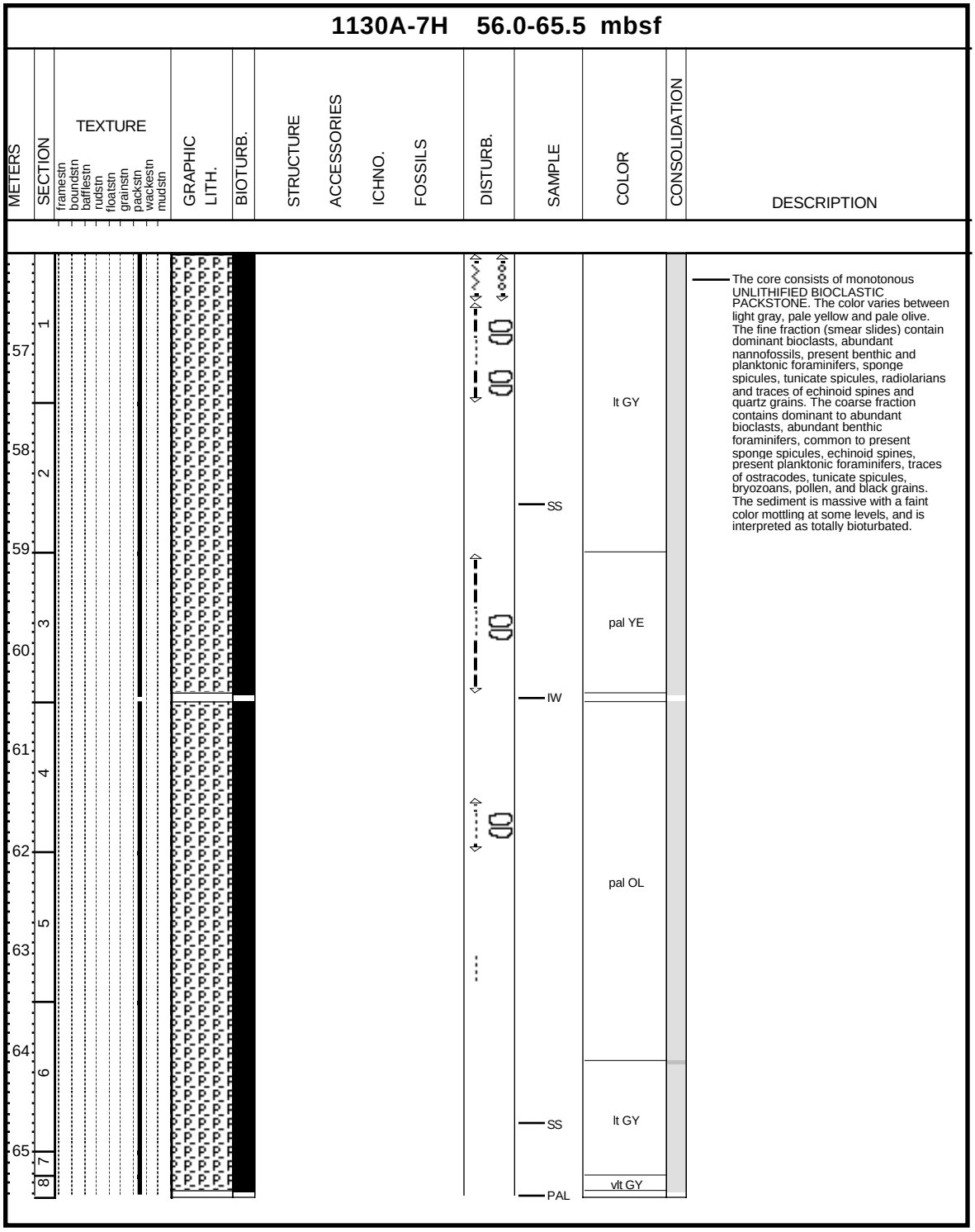
Core Photo


1130A-5H 37.0-46.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
38
39
40
41
42
43
44
45
46
47
1
2
3
4
5
6
7
8
SS
IW
SS
PAL
lt ol GY
lt ol GY
GY
Fine to very fine-grained UNLITHIFIED BIOCLASTIC PACKSTONE. This core is uniformely bioturbated throughout, massive, and light olive gray in color with a darkening towards the base (Sections 7 and CC) to light gray and gray color. The macrofossils include small bivalve shells, scaphopods, serpulids, and a plate of an echinoid test. The coarse fraction includes dominant bioclasts, abundant benthic foraminifers, common planktonic foraminifers, sponge spicules, echinoid spines, and traces of tunicate spicules, ostracodes, opaque minerals, quartz grains, bryozoans. The matrix contains abundant nannofossils, common bioclasts, sponge spicules, benthic foraminifers and tunicate spicules, present echinoid spines, bryozoan fragments and planktonic foraminifers, and rare quartz

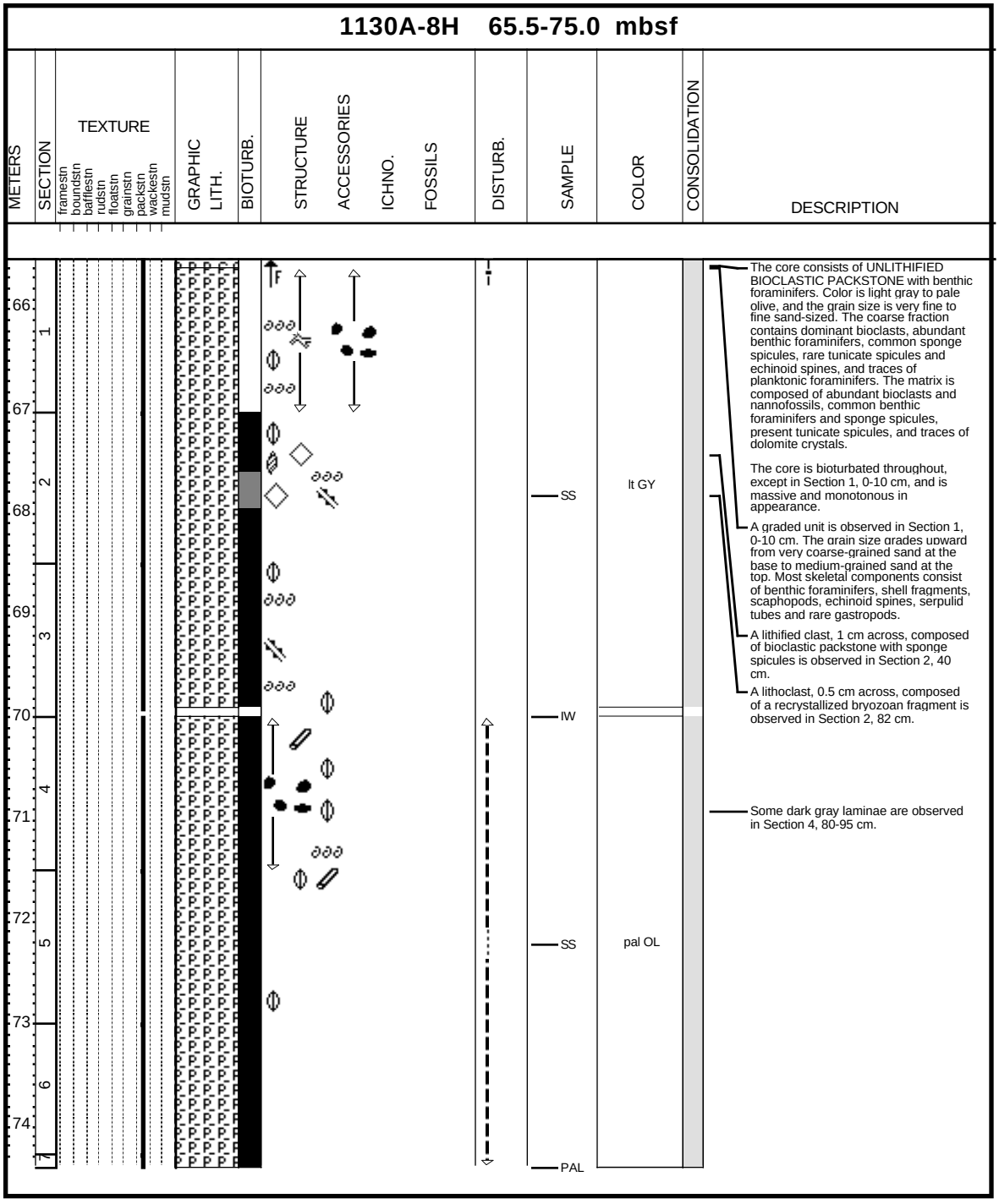
Core Photo


1130A-6H 46.5-56.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
barfliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
47
48
49
50
51
52
53
54
55
56
1
2
3
4
5
6
7
8
SS
IW
PAL
ol GY
lt ol GY
lt GY
lt ol GY
pal OL
The core consists entirely of UNLITHIFIED BIOCLASTIC PACKSTONE. The grain size ranges from very fine to fine sand, with the very fine sizes near the base. The core is massive and interpreted to be completely burrowed, although individual burrows are rarely visible. The bioclastic component consists of mollusc fragments, planktonic and benthic foraminifers, sponge spicules, echinoderm spines and blackened grains. Nannofossils are also a common component of the fine fraction. Macrofossils are rare and scattered throughout the core.

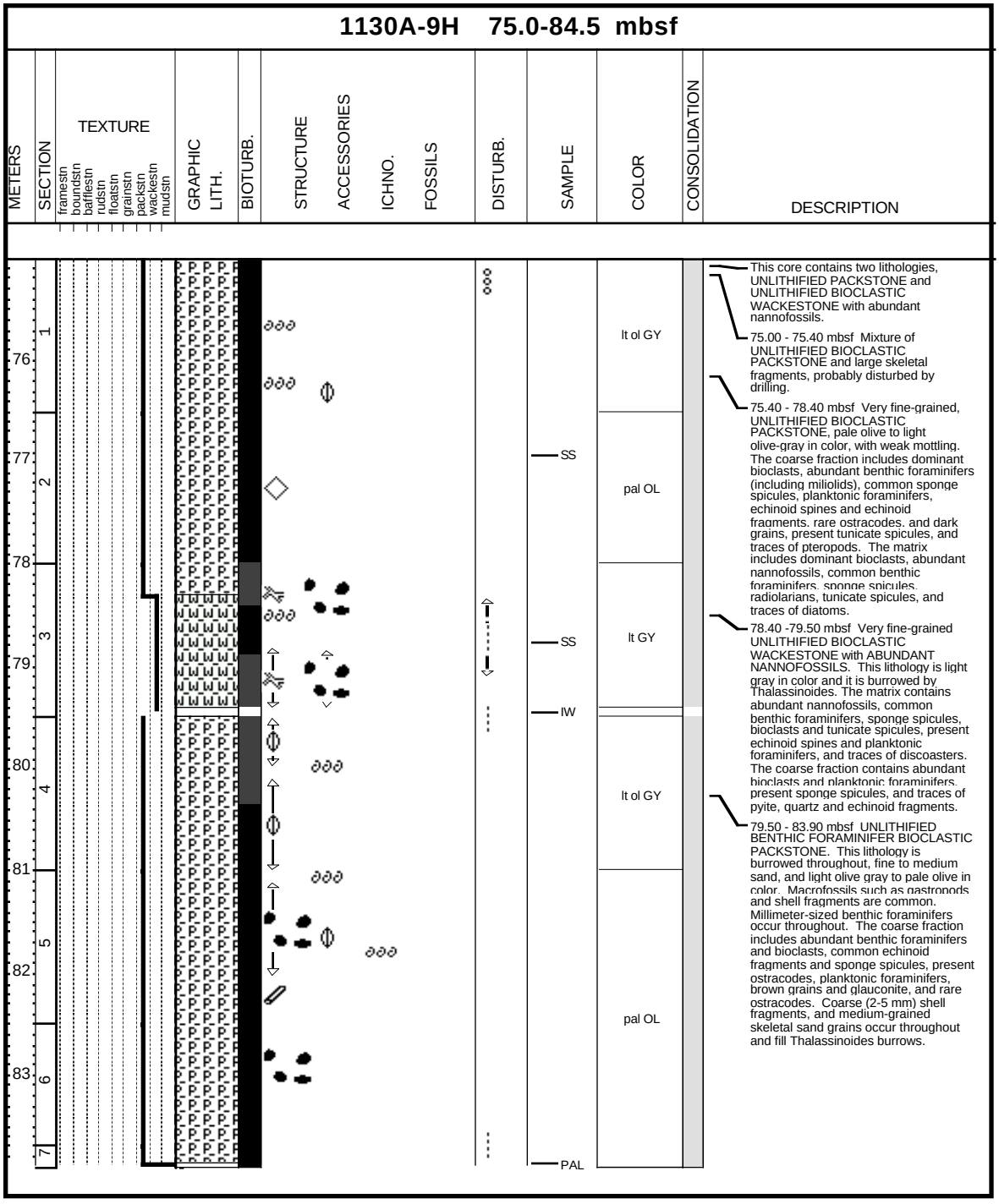
Core Photo


1130A-7H 56.0-65.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
57
58
59
60
61
62
63
64
65
1
2
3
4
5
6
7
8
SS
IW
SS
PAL
lt GY
pal YE
pal OL
lt GY
vlt GY
The core consists of monotonous UNLITHIFIED BIOCLASTIC PACKSTONE. The color varies between light gray, pale yellow and pale olive. The fine fraction (smear slides) contain dominant bioclasts, abundant nannofossils, present benthic and planktonic foraminifers, sponge spicules, tunicate spicules, radiolarians and traces of echinoid spines and quartz grains. The coarse fraction contains dominant to abundant bioclasts, abundant benthic foraminifers, common to present sponge spicules, echinoid spines, present planktonic foraminifers, traces of ostracodes, tunicate spicules, bryozoans, pollen, and black grains. The sediment is massive with a faint color mottling at some levels, and is interpreted as totally bioturbated.

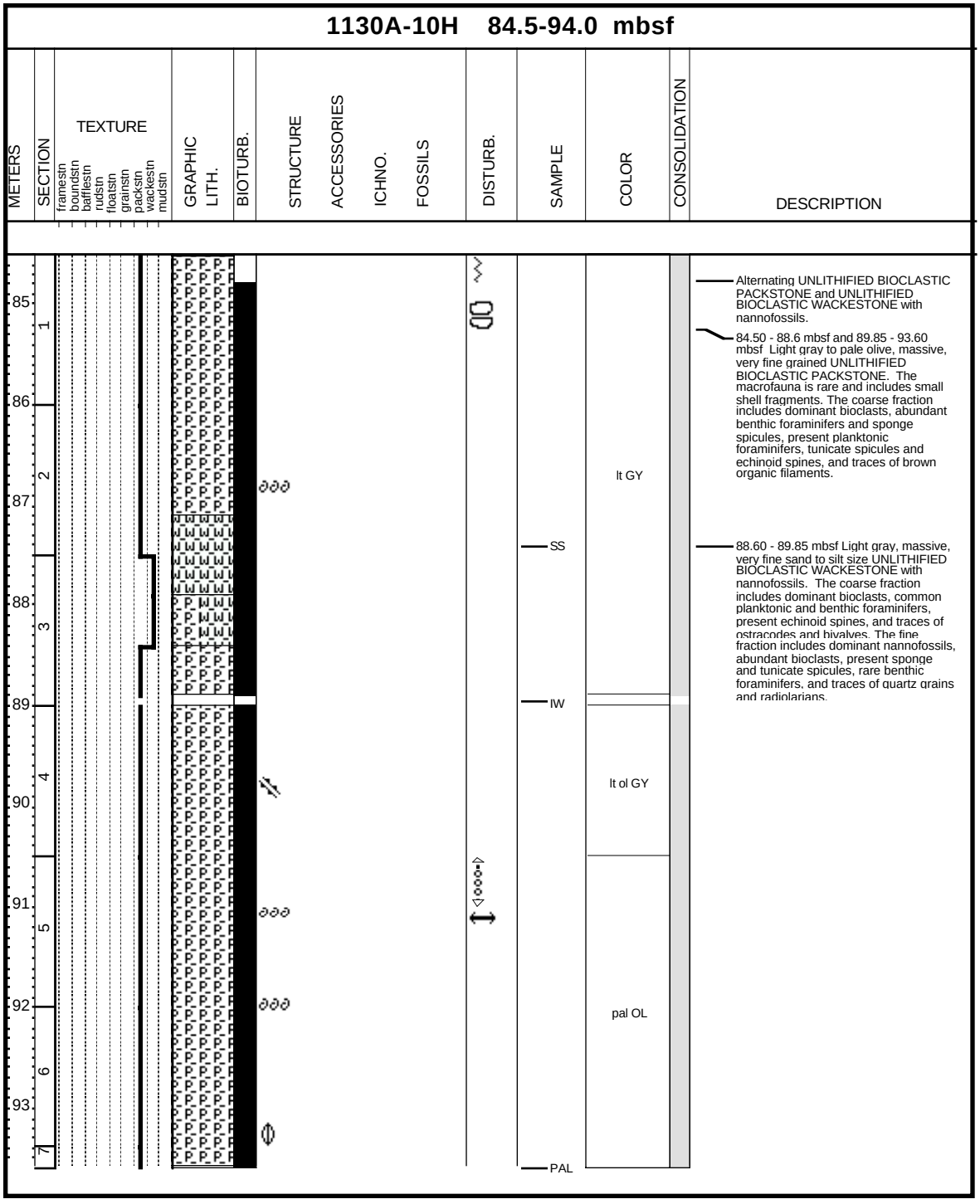
Core Photo


1130A-8H 65.5-75.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
barfliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
66
67
68
69
70
71
72
73
74
1
2
3
4
5
6
7
SS
IW
SS
PAL
lt GY
pal OL
The core consists of UNLITHIFIED BIOCLASTIC PACKSTONE with benthic foraminifers. Color is light gray to pale olive, and the grain size is very fine to fine sand-sized. The coarse fraction contains dominant bioclasts, abundant benthic foraminifers, common sponge spicules, rare tunicate spicules and echinoid spines, and traces of planktonic foraminifers. The matrix is composed of abundant bioclasts and nannofossils, common benthic foraminifers and sponge spicules, present tunicate spicules, and traces of dolomite crystals.
The core is bioturbated throughout, except in Section 1, 0-10 cm, and is massive and monotonous in appearance.
A graded unit is observed in Section 1, 0-10 cm. The grain size grades upward from very coarse-grained sand at the base to medium-grained sand at the top. Most skeletal components consist of benthic foraminifers, shell fragments, scaphopods, echinoid spines, serpulid tubes and rare gastropods.
A lithified clast, 1 cm across, composed of bioclastic packstone with sponge spicules is observed in Section 2, 40 cm.
A lithoclast, 0.5 cm across, composed of a recrystallized bryozoan fragment is observed in Section 2, 82 cm.
Some dark gray laminae are observed in Section 4, 80-95 cm.

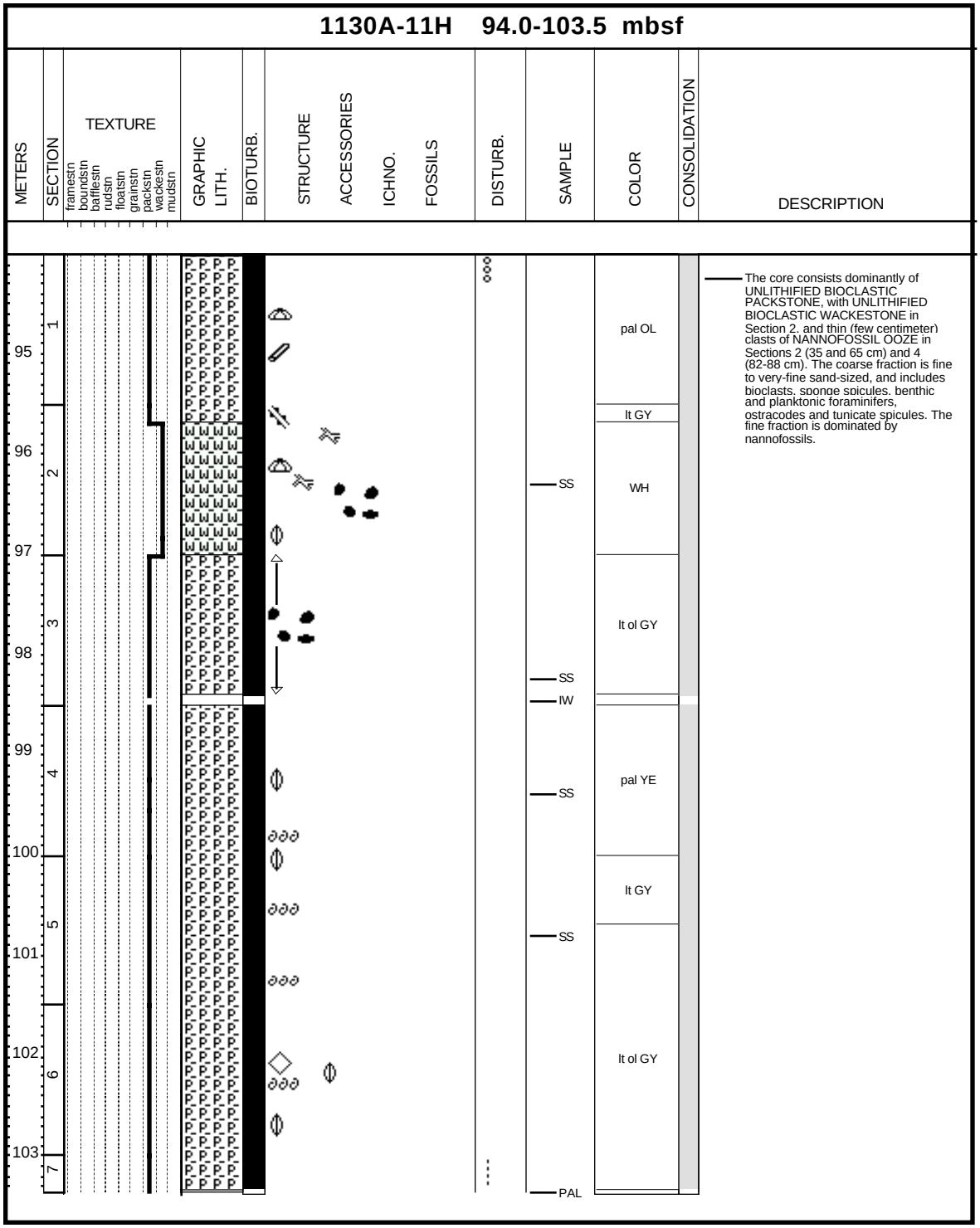
Core Photo


1130A-9H 75.0-84.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
barfliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
76
77
78
79
80
81
82
83
1
2
3
4
5
6
7
SS
SS
IW
PAL
lt ol GY
pal OL
lt GY
lt ol GY
pal OL
This core contains two lithologies, UNLITHIFIED PACKSTONE and UNLITHIFIED BIOCLASTIC WACKESTONE with abundant nannofossils.
75.00 - 75.40 mbsf Mixture of UNLITHIFIED BIOCLASTIC PACKSTONE and large skeletal fragments, probably disturbed by drilling.
75.40 - 78.40 mbsf Very fine-grained, UNLITHIFIED BIOCLASTIC PACKSTONE, pale olive to light olive-gray in color, with weak mottling. The coarse fraction includes dominant bioclasts, abundant benthic foraminifers (including miliolids), common sponge spicules, planktonic foraminifers, echinoid spines and echinoid fragments, rare ostracodes, and dark grains, present tunicate spicules, and traces of pteropods. The matrix includes dominant bioclasts, abundant nannofossils, common benthic foraminifers, sponge spicules, radiolarians, tunicate spicules, and traces of diatoms.
78.40 -79.50 mbsf Very fine-grained UNLITHIFIED BIOCLASTIC WACKESTONE with ABUNDANT NANNOFOSSILS. This lithology is light gray in color and it is burrowed by Thalassinoides. The matrix contains abundant nannofossils, common benthic foraminifers, sponge spicules, bioclasts and tunicate spicules, present echinoid spines and planktonic foraminifers, and traces of discoasters. The coarse fraction contains abundant bioclasts and planktonic foraminifers, present sponge spicules, and traces of pyite, quartz and echinoid fragments.
79.50 - 83.90 mbsf UNLITHIFIED BENTHIC FORAMINIFER BIOCLASTIC PACKSTONE. This lithology is burrowed throughout, fine to medium sand, and light olive gray to pale olive in color. Macrofossils such as gastropods and shell fragments are common. Millimeter-sized benthic foraminifers occur throughout. The coarse fraction includes abundant benthic foraminifers and bioclasts, common echinoid fragments and sponge spicules, present ostracodes, planktonic foraminifers, brown grains and glauconite, and rare ostracodes. Coarse (2-5 mm) shell fragments, and medium-grained skeletal sand grains occur throughout and fill Thalassinoides burrows.

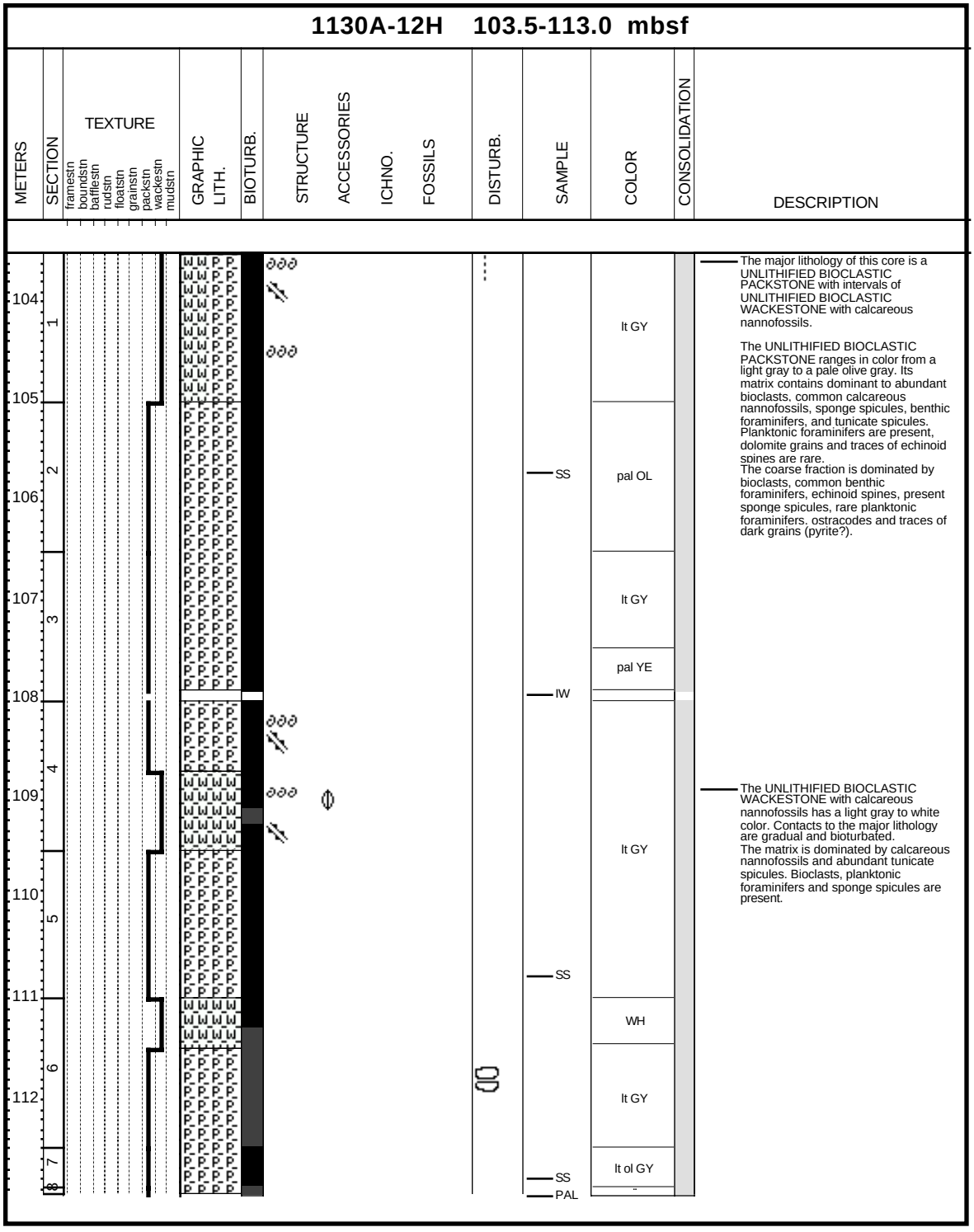
Core Photo


1130A-10H 84.5-94.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
85
86
87
88
89
90
91
92
93
1
2
3
4
5
6
7
SS
IW
PAL
lt GY
lt ol GY
pal OL
Alternating UNLITHIFIED BIOCLASTIC PACKSTONE and UNLITHIFIED BIOCLASTIC WACKESTONE with nannofossils.
84.50 - 88.6 mbsf and 89.85 - 93.60 mbsf Light gray to pale olive, massive, very fine grained UNLITHIFIED BIOCLASTIC PACKSTONE. The macrofauna is rare and includes small shell fragments. The coarse fraction includes dominant bioclasts, abundant benthic foraminifers and sponge spicules, present planktonic foraminifers, tunicate spicules and echinoid spines, and traces of brown organic filaments.
88.60 - 89.85 mbsf Light gray, massive, very fine sand to silt size UNLITHIFIED BIOCLASTIC WACKESTONE with nannofossils. The coarse fraction includes dominant bioclasts, common planktonic and benthic foraminifers, present echinoid spines, and traces of ostracodes and bivalves. The fine fraction includes dominant nannofossils, abundant bioclasts, present sponge and tunicate spicules, rare benthic foraminifers, and traces of quartz grains and radiolarians.

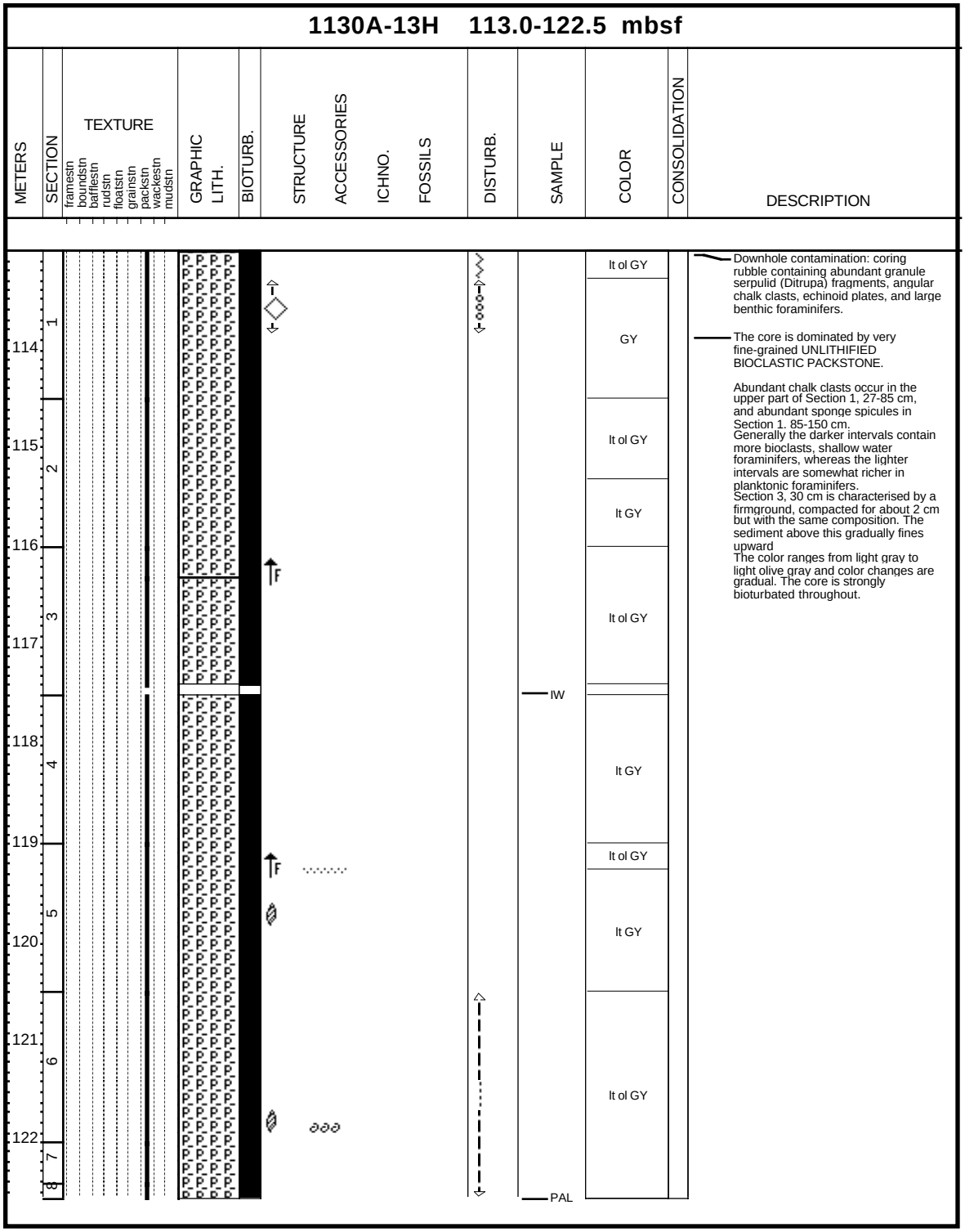
Core Photo


1130A-11H 94.0-103.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
95
96
97
98
99
100
101
102
103
1
2
3
4
5
6
7
SS
SS
IW
SS
SS
PAL
pal OL
lt GY
WH
lt ol GY
pal YE
lt GY
lt ol GY
The core consists dominantly of UNLITHIFIED BIOCLASTIC PACKSTONE, with UNLITHIFIED BIOCLASTIC WACKESTONE in Section 2, and thin (few centimeter) clasts of NANNOFOSSIL OOZE in Sections 2 (35 and 65 cm) and 4 (82-88 cm). The coarse fraction is fine to very-fine sand-sized, and includes bioclasts, sponge spicules, benthic and planktonic foraminifers, ostracodes and tunicate spicules. The fine fraction is dominated by nannofossils.

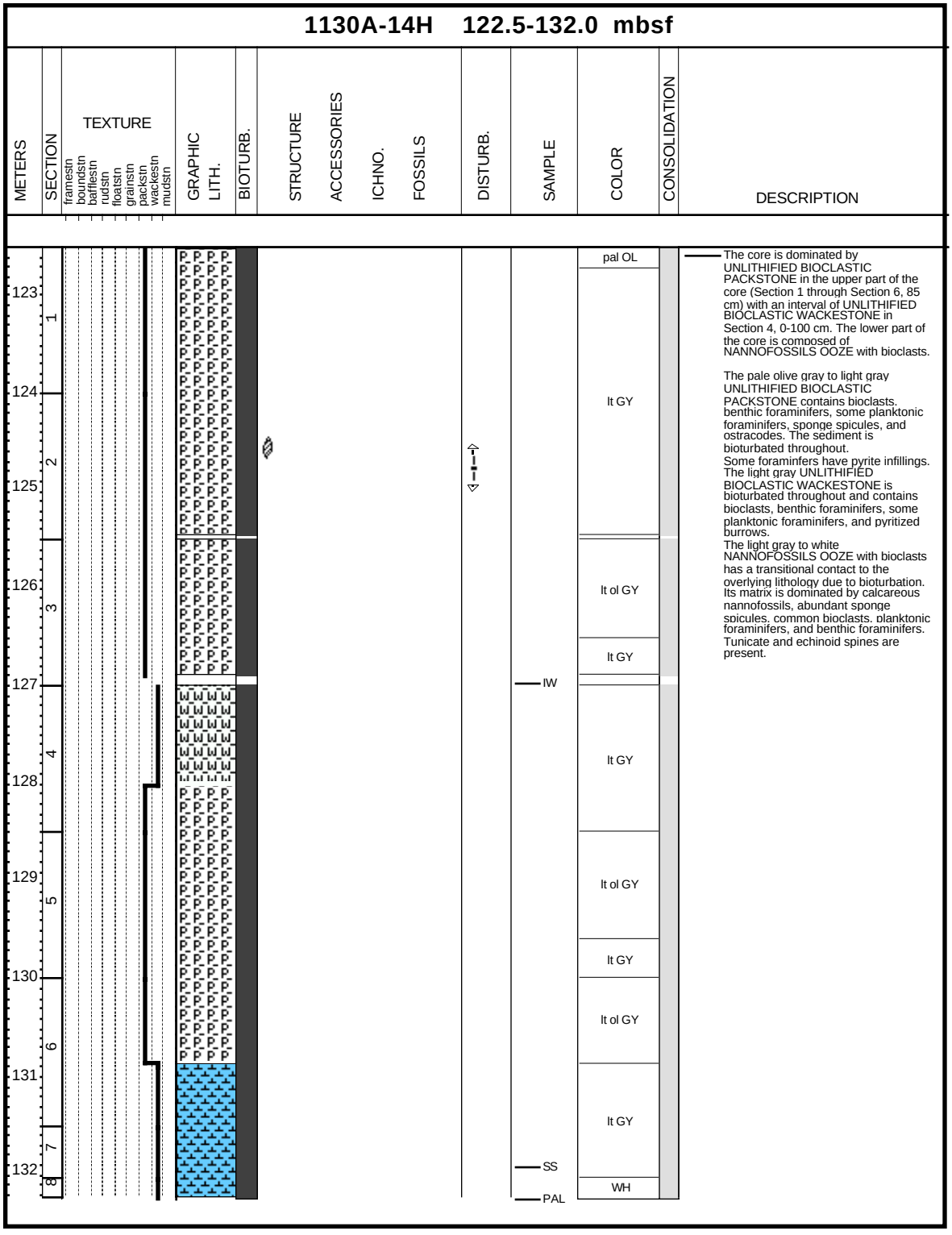
Core Photo


1130A-12H 103.5-113.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
104
105
106
107
108
109
110
111
112
1
2
3
4
5
6
7
8
SS
IW
SS
SS
PAL
lt GY
pal OL
lt GY
pal YE
lt GY
WH
lt GY
lt ol GY
The major lithology of this core is a UNLITHIFIED BIOCLASTIC PACKSTONE with intervals of UNLITHIFIED BIOCLASTIC WACKESTONE with calcareous nannofossils.
The UNLITHIFIED BIOCLASTIC PACKSTONE ranges in color from a light gray to a pale olive gray. Its matrix contains dominant to abundant bioclasts, common calcareous nannofossils, sponge spicules, benthic foraminifers, and tunicate spicules. Planktonic foraminifers are present, dolomite grains and traces of echinoid spines are rare.
The coarse fraction is dominated by bioclasts, common benthic foraminifers, echinoid spines, present sponge spicules, rare planktonic foraminifers, ostracodes and traces of dark grains (pyrite?).
The UNLITHIFIED BIOCLASTIC WACKESTONE with calcareous nannofossils has a light gray to white color. Contacts to the major lithology are gradual and bioturbated.
The matrix is dominated by calcareous nannofossils and abundant tunicate spicules. Bioclasts, planktonic foraminifers and sponge spicules are present.

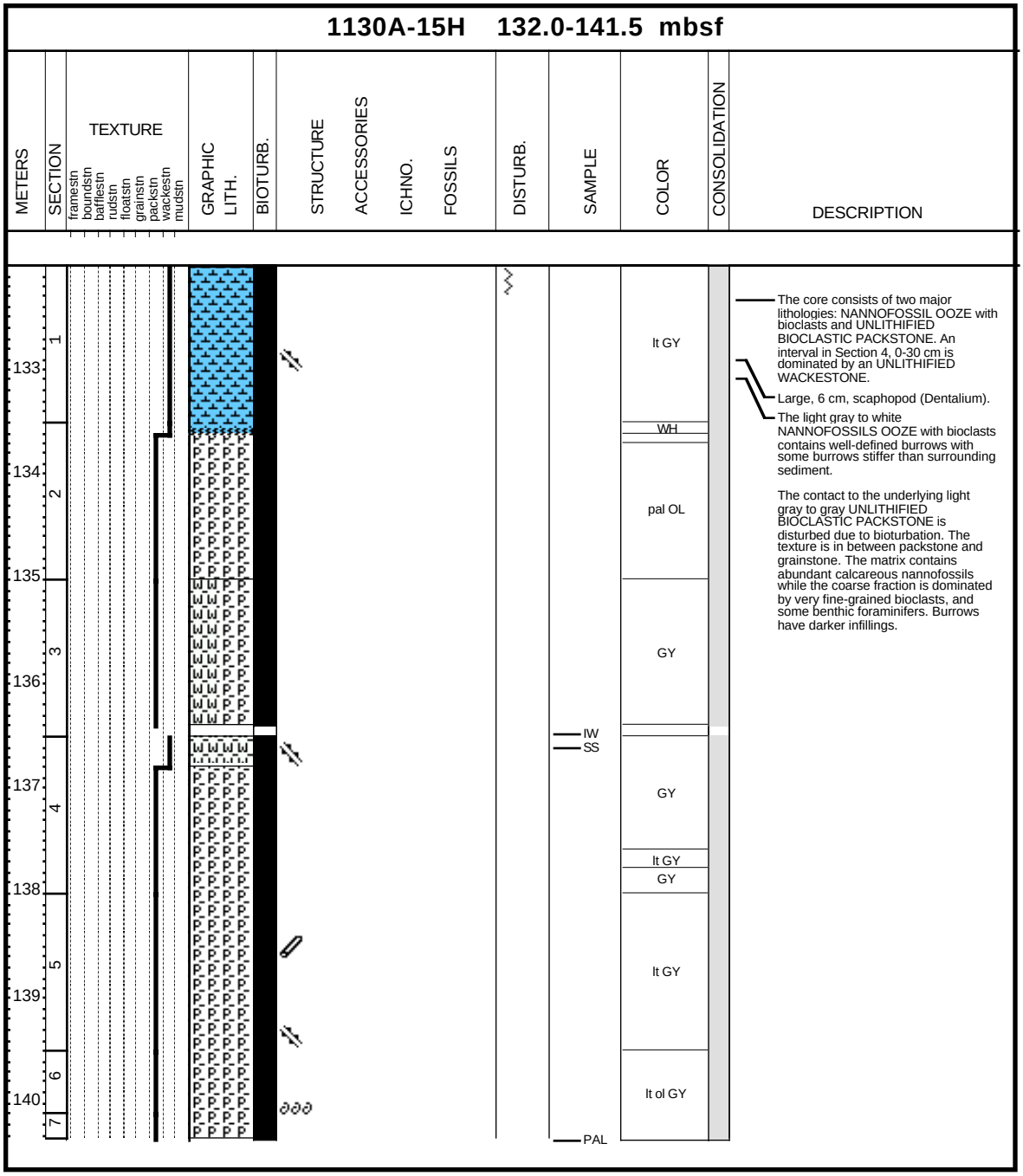
Core Photo


1130A-13H 113.0-122.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
114
115
116
117
118
119
120
121
122
1
2
3
4
5
6
7
8
F
F
IW
PAL
lt ol GY
GY
lt ol GY
lt GY
lt ol GY
lt GY
lt ol GY
lt GY
lt ol GY
Downhole contamination: coring rubble containing abundant granule serpulid (Ditrupa) fragments, angular chalk clasts, echinoid plates, and large benthic foraminifers.
The core is dominated by very fine-grained UNLITHIFIED BIOCLASTIC PACKSTONE.
Abundant chalk clasts occur in the upper part of Section 1, 27-85 cm, and abundant sponge spicules in Section 1. 85-150 cm.
Generally the darker intervals contain more bioclasts, shallow water foraminifers, whereas the lighter intervals are somewhat richer in planktonic foraminifers.
Section 3, 30 cm is characterised by a firmground, compacted for about 2 cm but with the same composition. The sediment above this gradually fines upward
The color ranges from light gray to light olive gray and color changes are gradual. The core is strongly bioturbated throughout.

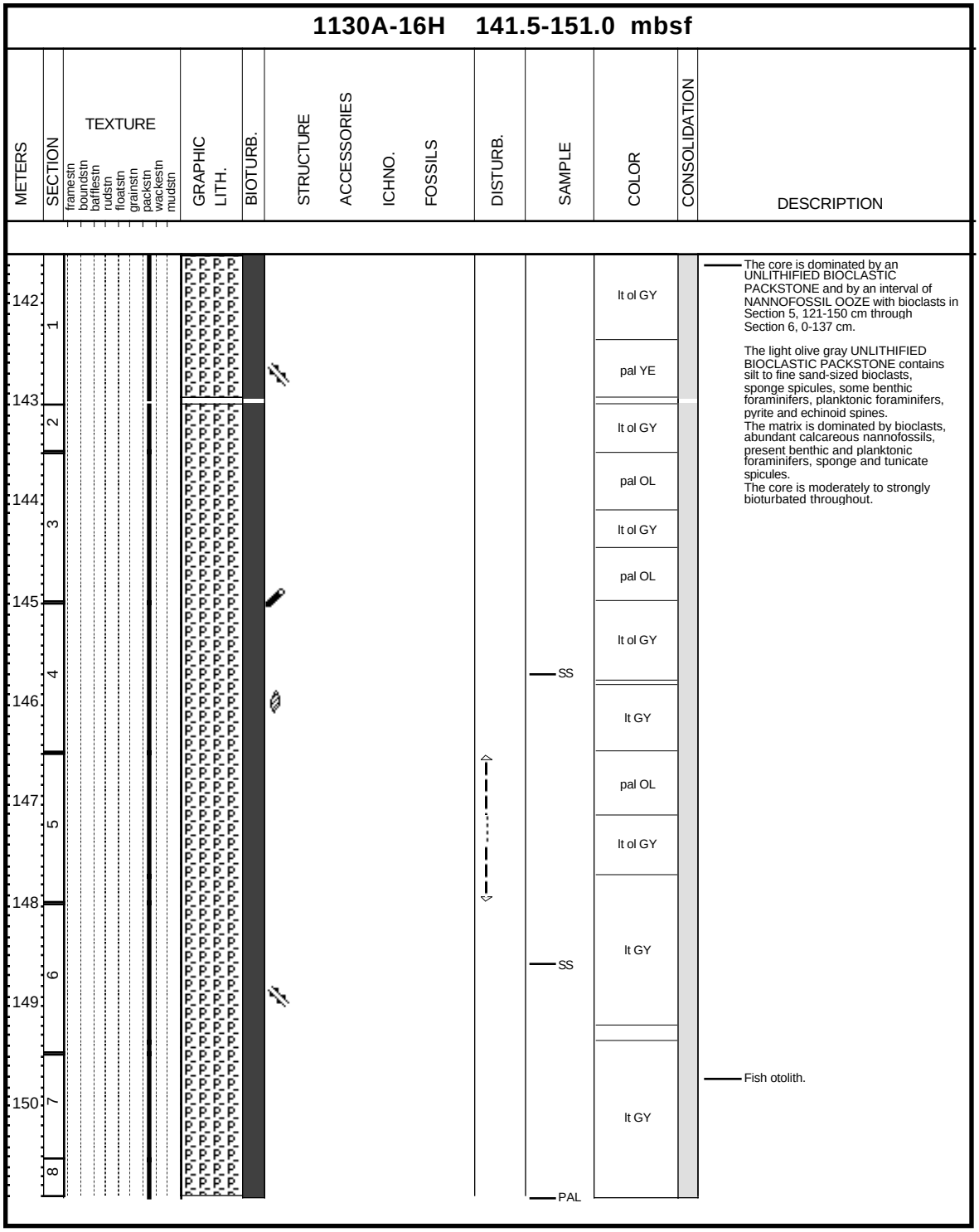
Core Photo


1130A-14H 122.5-132.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
123
124
125
126
127
128
129
130
131
132
1
2
3
4
5
6
7
8
IW
SS
PAL
pal OL
lt GY
lt ol GY
lt GY
lt GY
lt ol GY
lt GY
lt ol GY
lt GY
WH
The core is dominated by UNLITHIFIED BIOCLASTIC PACKSTONE in the upper part of the core (Section 1 through Section 6, 85 cm) with an interval of UNLITHIFIED BIOCLASTIC WACKESTONE in Section 4, 0-100 cm. The lower part of the core is composed of NANNOFOSSILS OOZE with bioclasts.
The pale olive gray to light gray UNLITHIFIED BIOCLASTIC PACKSTONE contains bioclasts, benthic foraminifers, some planktonic foraminifers, sponge spicules, and ostracodes. The sediment is bioturbated throughout.
Some foraminfers have pyrite infillings.
The light gray UNLITHIFIED BIOCLASTIC WACKESTONE is bioturbated throughout and contains bioclasts, benthic foraminifers, some planktonic foraminifers, and pyritized burrows.
The light gray to white NANNOFOSSILS OOZE with bioclasts has a transitional contact to the overlying lithology due to bioturbation. Its matrix is dominated by calcareous nannofossils, abundant sponge spicules, common bioclasts, planktonic foraminifers, and benthic foraminifers. Tunicate and echinoid spines are present.

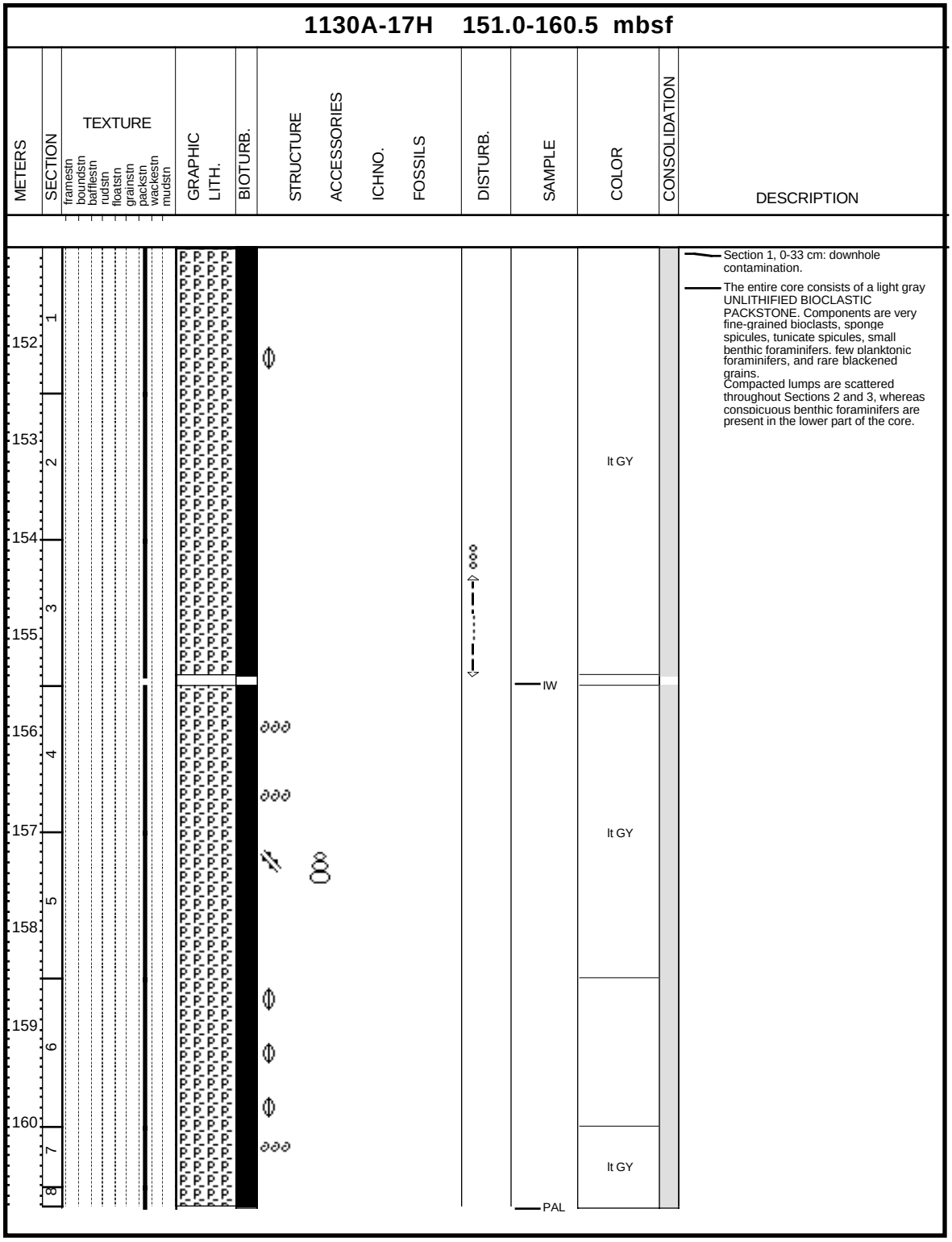
Core Photo


1130A-15H 132.0-141.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
133
134
135
136
137
138
139
140
1
2
3
4
5
6
7
IW
SS
PAL
lt GY
WH
pal OL
GY
GY
lt GY
GY
lt GY
lt ol GY
The core consists of two major lithologies: NANNOFOSSIL OOZE with bioclasts and UNLITHIFIED BIOCLASTIC PACKSTONE. An interval in Section 4, 0-30 cm is dominated by an UNLITHIFIED WACKESTONE.
Large, 6 cm, scaphopod (Dentalium).
The light gray to white NANNOFOSSILS OOZE with bioclasts contains well-defined burrows with some burrows stiffer than surrounding sediment.
The contact to the underlying light gray to gray UNLITHIFIED BIOCLASTIC PACKSTONE is disturbed due to bioturbation. The texture is in between packstone and grainstone. The matrix contains abundant calcareous nannofossils while the coarse fraction is dominated by very fine-grained bioclasts, and some benthic foraminifers. Burrows have darker infillings.

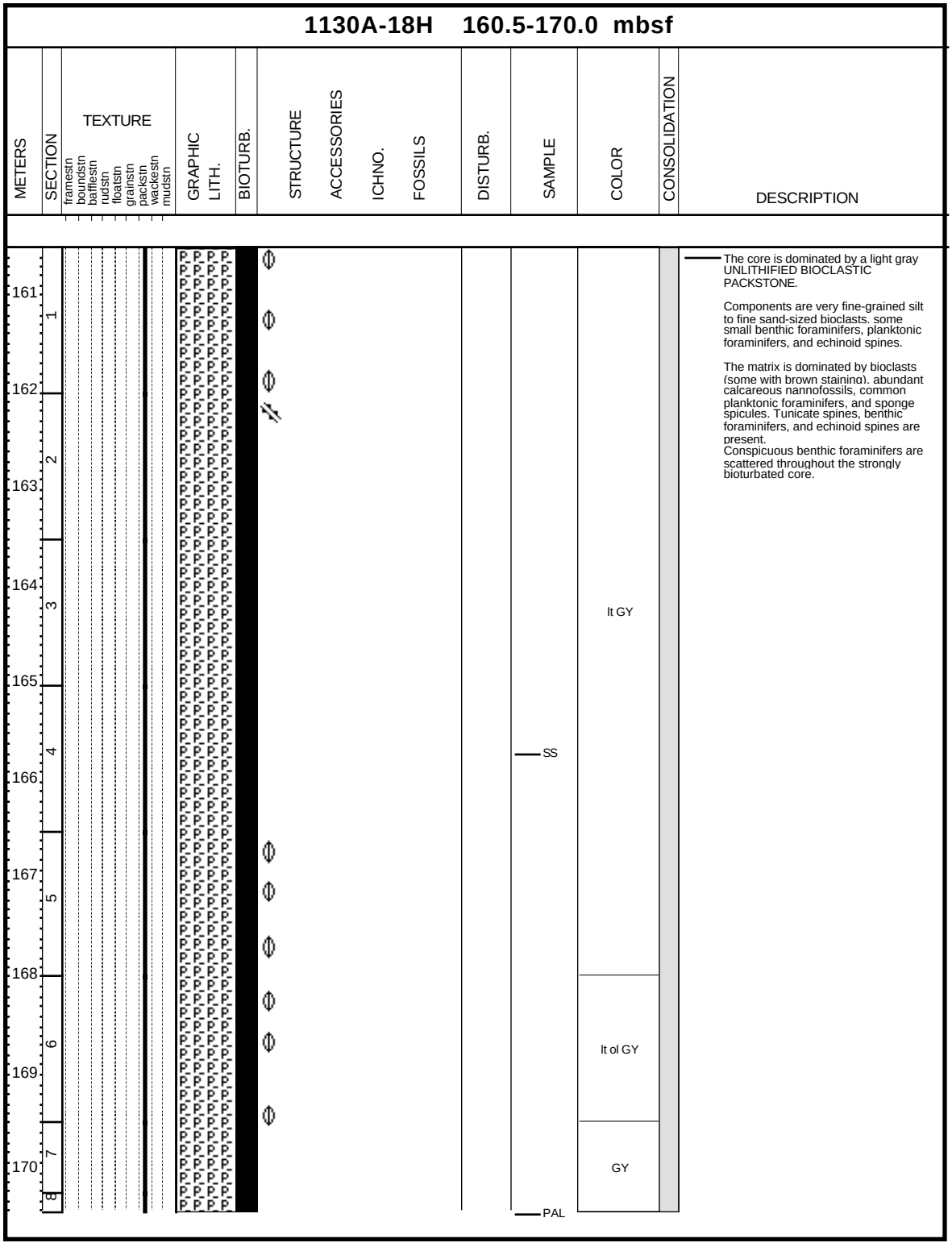
Core Photo


1130A-16H 141.5-151.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
142
143
144
145
146
147
148
149
150
1
2
3
4
5
6
7
8
lt ol GY
pal YE
lt ol GY
pal OL
lt ol GY
pal OL
lt ol GY
lt GY
pal OL
lt ol GY
lt GY
lt GY
SS
SS
PAL
The core is dominated by an UNLITHIFIED BIOCLASTIC PACKSTONE and by an interval of NANNOFOSSIL OOZE with bioclasts in Section 5, 121-150 cm through Section 6, 0-137 cm.
The light olive gray UNLITHIFIED BIOCLASTIC PACKSTONE contains silt to fine sand-sized bioclasts, sponge spicules, some benthic foraminifers, planktonic foraminifers, pyrite and echinoid spines.
The matrix is dominated by bioclasts, abundant calcareous nannofossils, present benthic and planktonic foraminifers, sponge and tunicate spicules.
The core is moderately to strongly bioturbated throughout.
Fish otolith.

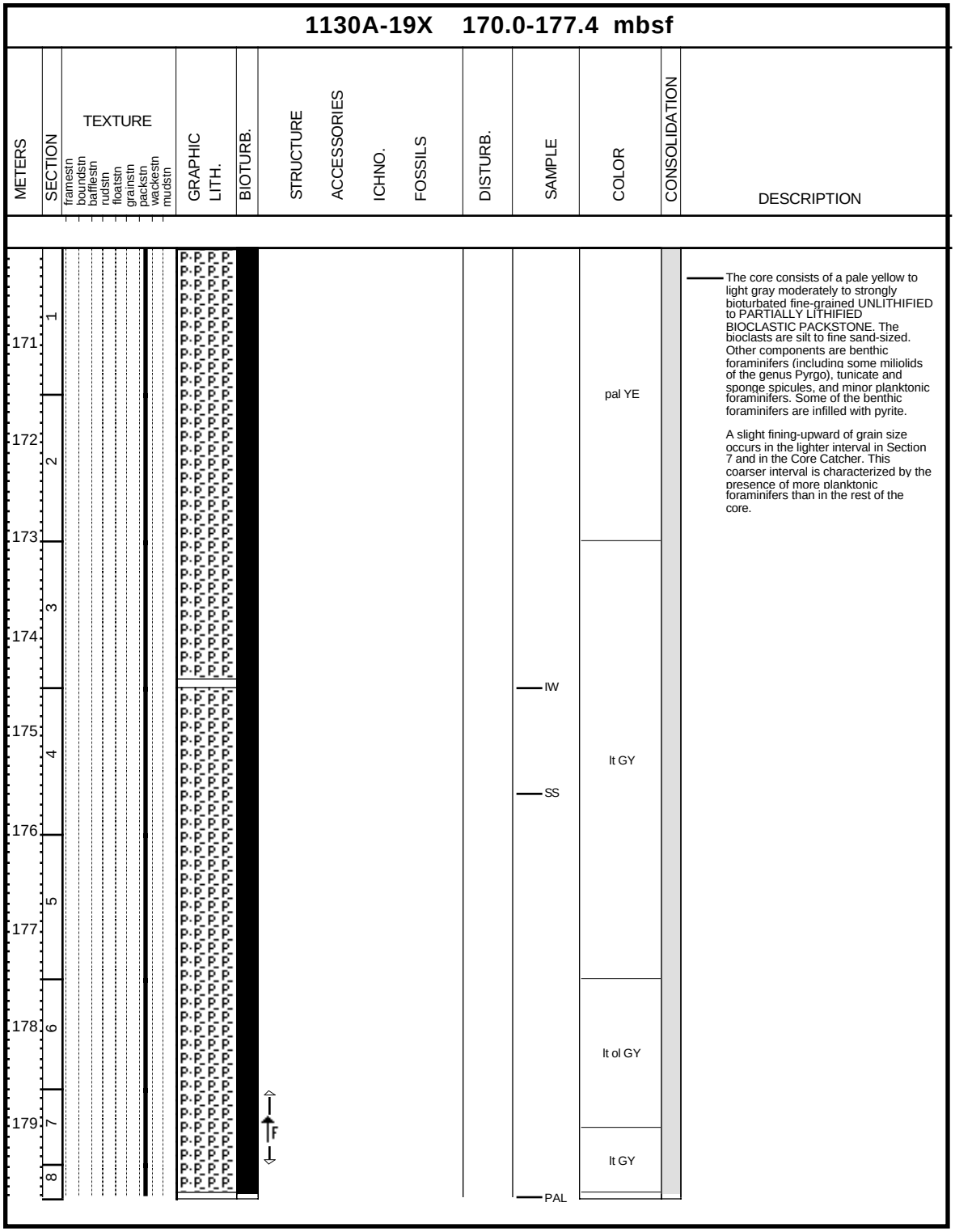
Core Photo


1130A-17H 151.0-160.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
152
153
154
155
156
157
158
159
160
1
2
3
4
5
6
7
8
IW
PAL
lt GY
lt GY
lt GY
Section 1, 0-33 cm: downhole contamination.
The entire core consists of a light gray UNLITHIFIED BIOCLASTIC PACKSTONE. Components are very fine-grained bioclasts, sponge spicules, tunicate spicules, small benthic foraminifers. few planktonic foraminifers, and rare blackened grains.
Compacted lumps are scattered throughout Sections 2 and 3, whereas conspicuous benthic foraminifers are present in the lower part of the core.

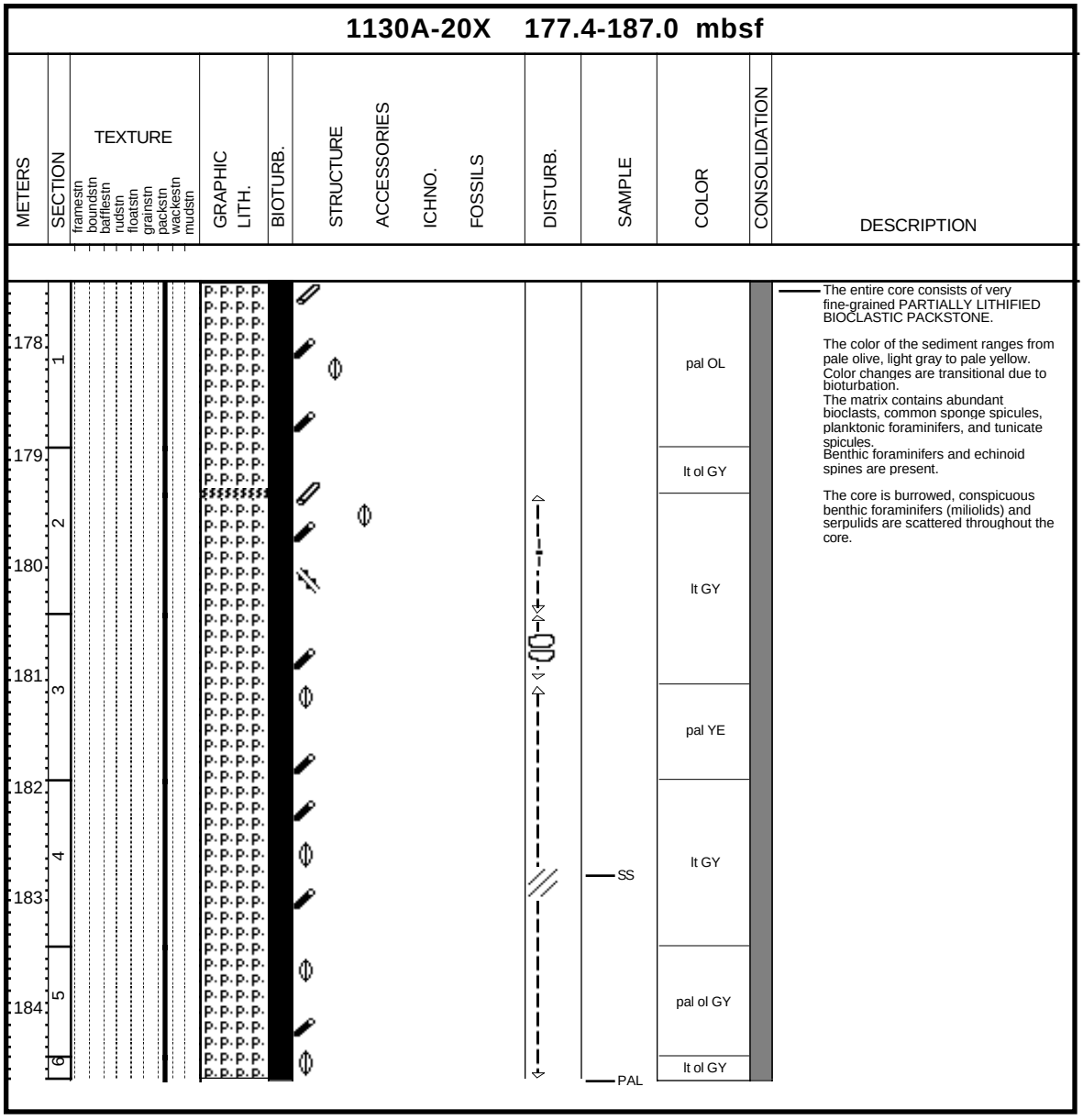
Core Photo


1130A-18H 160.5-170.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
161
162
163
164
165
166
167
168
169
170
1
2
3
4
5
6
7
8
SS
PAL
lt GY
lt ol GY
GY
The core is dominated by a light gray UNLITHIFIED BIOCLASTIC PACKSTONE.
Components are very fine-grained silt to fine sand-sized bioclasts. some small benthic foraminifers, planktonic foraminifers, and echinoid spines.
The matrix is dominated by bioclasts (some with brown staining), abundant calcareous nannofossils, common planktonic foraminifers, and sponge spicules. Tunicate spines, benthic foraminifers, and echinoid spines are present.
Conspicuous benthic foraminifers are scattered throughout the strongly bioturbated core.

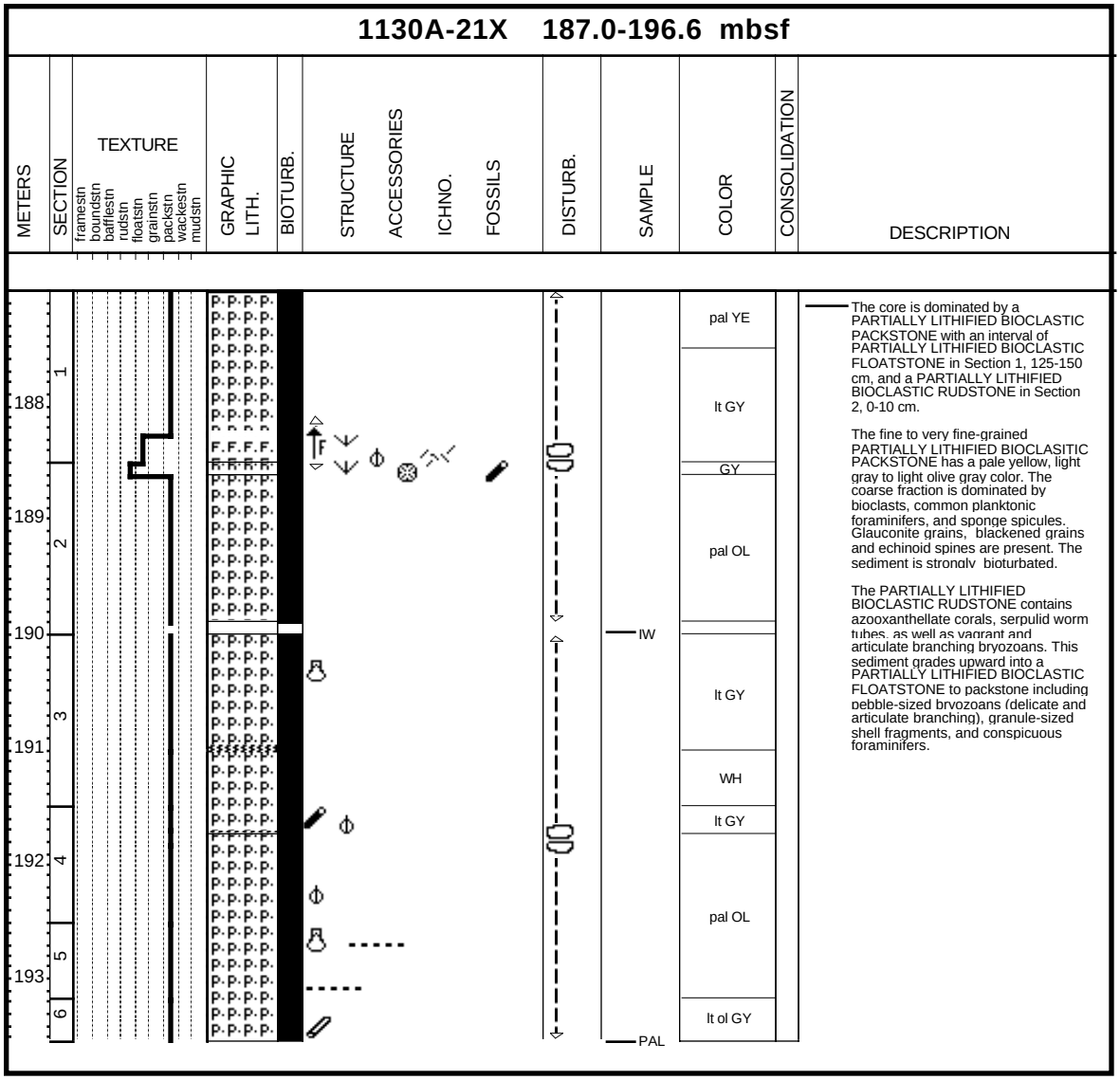
Core Photo


1130A-19X 170.0-177.4 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
171
172
173
174
175
176
177
178
179
1
2
3
4
5
6
7
8
IW
SS
PAL
pal YE
lt GY
lt ol GY
lt GY
F
The core consists of a pale yellow to light gray moderately to strongly bioturbated fine-grained UNLITHIFIED to PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE. The bioclasts are silt to fine sand-sized. Other components are benthic foraminifers (including some miliolids of the genus Pyrgo), tunicate and sponge spicules, and minor planktonic foraminifers. Some of the benthic foraminifers are infilled with pyrite.
A slight fining-upward of grain size occurs in the lighter interval in Section 7 and in the Core Catcher. This coarser interval is characterized by the presence of more planktonic foraminifers than in the rest of the core.

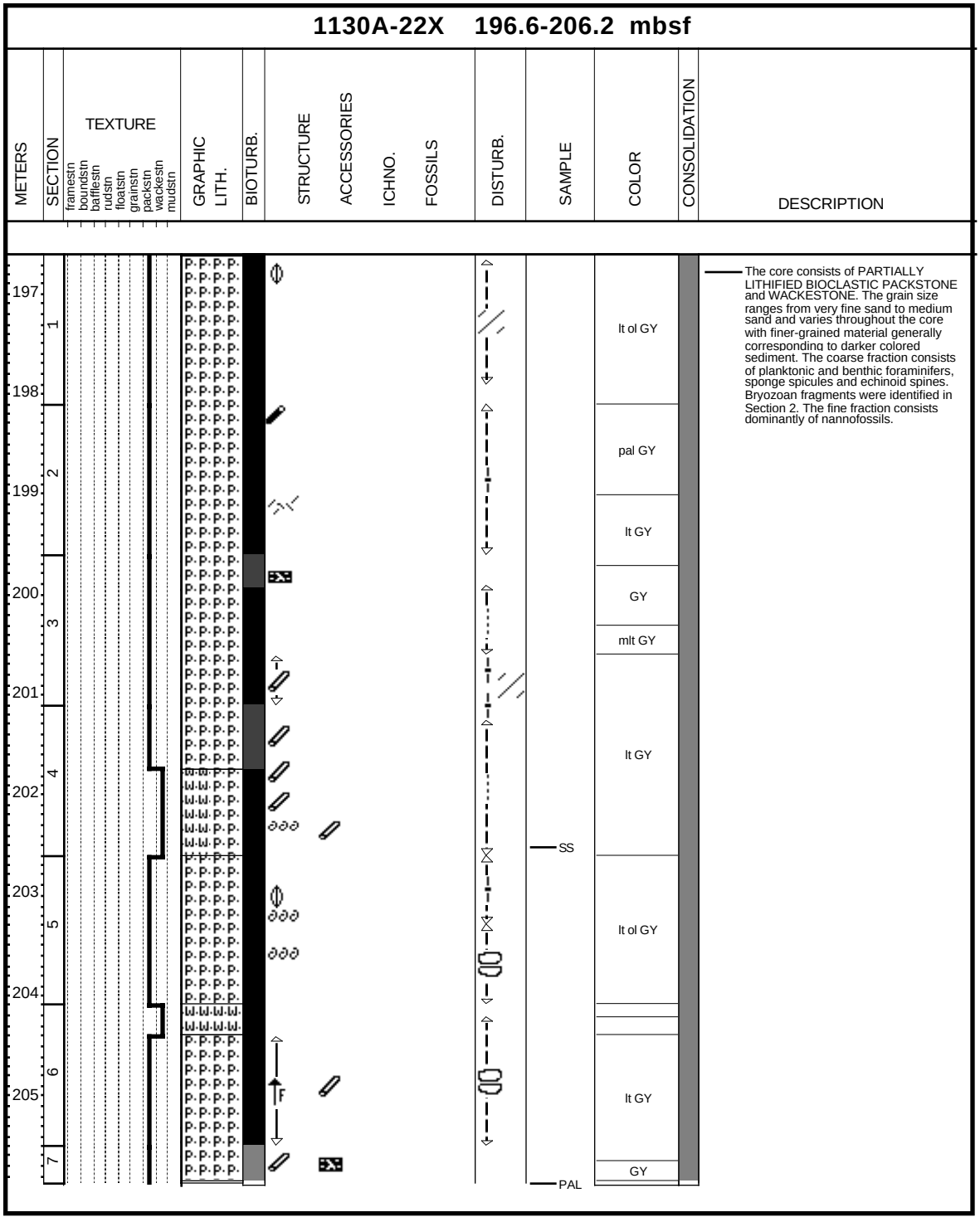
Core Photo


1130A-20X 177.4-187.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
178
179
180
181
182
183
184
1
2
3
4
5
6
SS
PAL
pal OL
lt ol GY
lt GY
pal YE
lt GY
pal ol GY
lt ol GY
The entire core consists of very fine-grained PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE.
The color of the sediment ranges from pale olive, light gray to pale yellow. Color changes are transitional due to bioturbation.
The matrix contains abundant bioclasts, common sponge spicules, planktonic foraminifers, and tunicate spicules.
Benthic foraminifers and echinoid spines are present.
The core is burrowed, conspicuous benthic foraminifers (miliolids) and serpulids are scattered throughout the core.

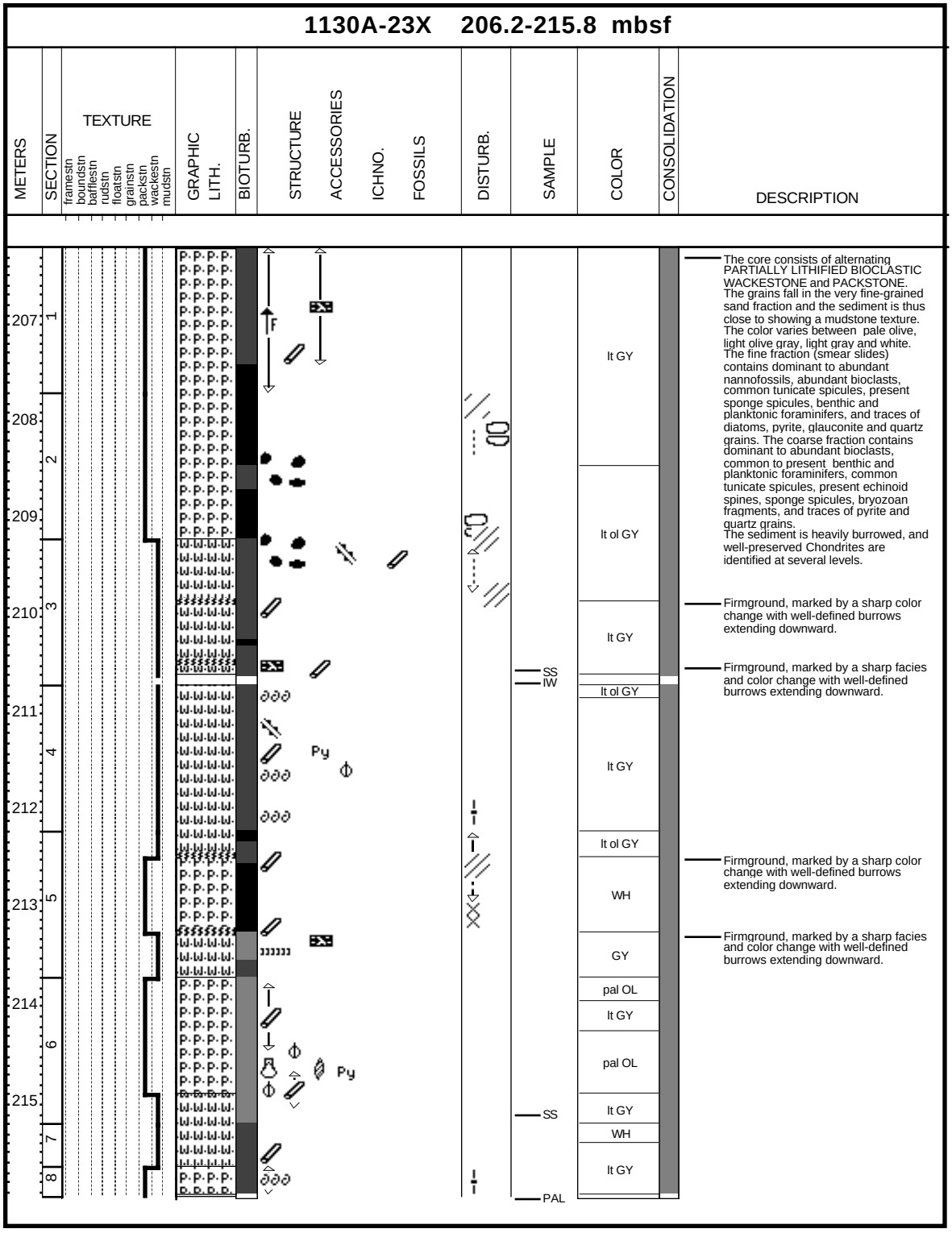
Core Photo


1130A-21X 187.0-196.6 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
188
189
190
191
192
193
1
2
3
4
5
6
IW
PAL
pal YE
lt GY
GY
pal OL
lt GY
WH
lt GY
pal OL
lt ol GY
The core is dominated by a PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE with an interval of PARTIALLY LITHIFIED BIOCLASTIC FLOATSTONE in Section 1, 125-150 cm, and a PARTIALLY LITHIFIED BIOCLASTIC RUDSTONE in Section 2, 0-10 cm.
The fine to very fine-grained PARTIALLY LITHIFIED BIOCLASITIC PACKSTONE has a pale yellow, light gray to light olive gray color. The coarse fraction is dominated by bioclasts, common planktonic foraminifers, and sponge spicules. Glauconite grains, blackened grains and echinoid spines are present. The sediment is strongly bioturbated.
The PARTIALLY LITHIFIED BIOCLASTIC RUDSTONE contains azooxanthellate corals, serpulid worm tubes, as well as vagrant and articulate branching bryozoans. This sediment grades upward into a PARTIALLY LITHIFIED BIOCLASTIC FLOATSTONE to packstone including pebble-sized bryozoans (delicate and articulate branching), granule-sized shell fragments, and conspicuous foraminifers.

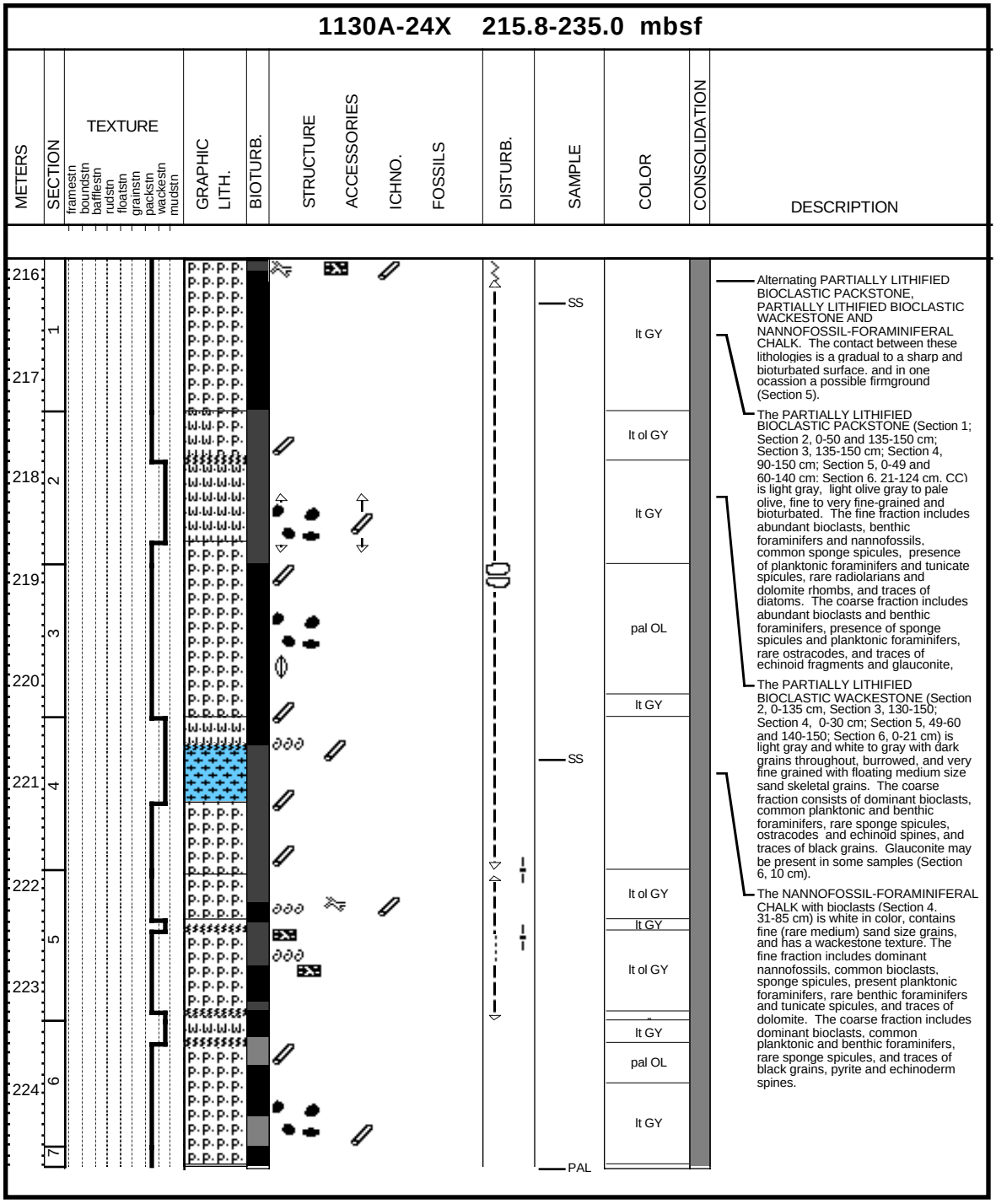
Core Photo


1130A-22X 196.6-206.2 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
197
198
199
200
201
202
203
204
205
1
2
3
4
5
6
7
SS
PAL
lt ol GY
pal GY
lt GY
GY
mlt GY
lt GY
lt ol GY
lt GY
GY
The core consists of PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE and WACKESTONE. The grain size ranges from very fine sand to medium sand and varies throughout the core with finer-grained material generally corresponding to darker colored sediment. The coarse fraction consists of planktonic and benthic foraminifers, sponge spicules and echinoid spines. Bryozoan fragments were identified in Section 2. The fine fraction consists dominantly of nannofossils.

Core Photo


1130A-23X 206.2-215.8 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
207
208
209
210
211
212
213
214
215
1
2
3
4
5
6
7
8
Py
Py
SS
IW
SS
PAL
lt GY
lt ol GY
lt GY
lt ol GY
lt GY
WH
GY
pal OL
lt GY
pal OL
lt GY
WH
lt GY
The core consists of alternating PARTIALLY LITHIFIED BIOCLASTIC WACKESTONE and PACKSTONE. The grains fall in the very fine-grained sand fraction and the sediment is thus close to showing a mudstone texture. The color varies between pale olive, light olive gray, light gray and white. The fine fraction (smear slides) contains dominant to abundant nannofossils, abundant bioclasts, common tunicate spicules, present sponge spicules, benthic and planktonic foraminifers, and traces of diatoms, pyrite, glauconite and quartz grains. The coarse fraction contains dominant to abundant bioclasts, common to present benthic and planktonic foraminifers, common tunicate spicules, present echinoid spines, sponge spicules, bryozoan fragments, and traces of pyrite and quartz grains.
The sediment is heavily burrowed, and well-preserved Chondrites are identified at several levels.
Firmground, marked by a sharp color change with well-defined burrows extending downward.
Firmground, marked by a sharp facies and color change with well-defined burrows extending downward.
Firmground, marked by a sharp color change with well-defined burrows extending downward.
Firmground, marked by a sharp facies and color change with well-defined burrows extending downward.

Core Photo


1130A-24X 215.8-235.0 mbsf
METERS
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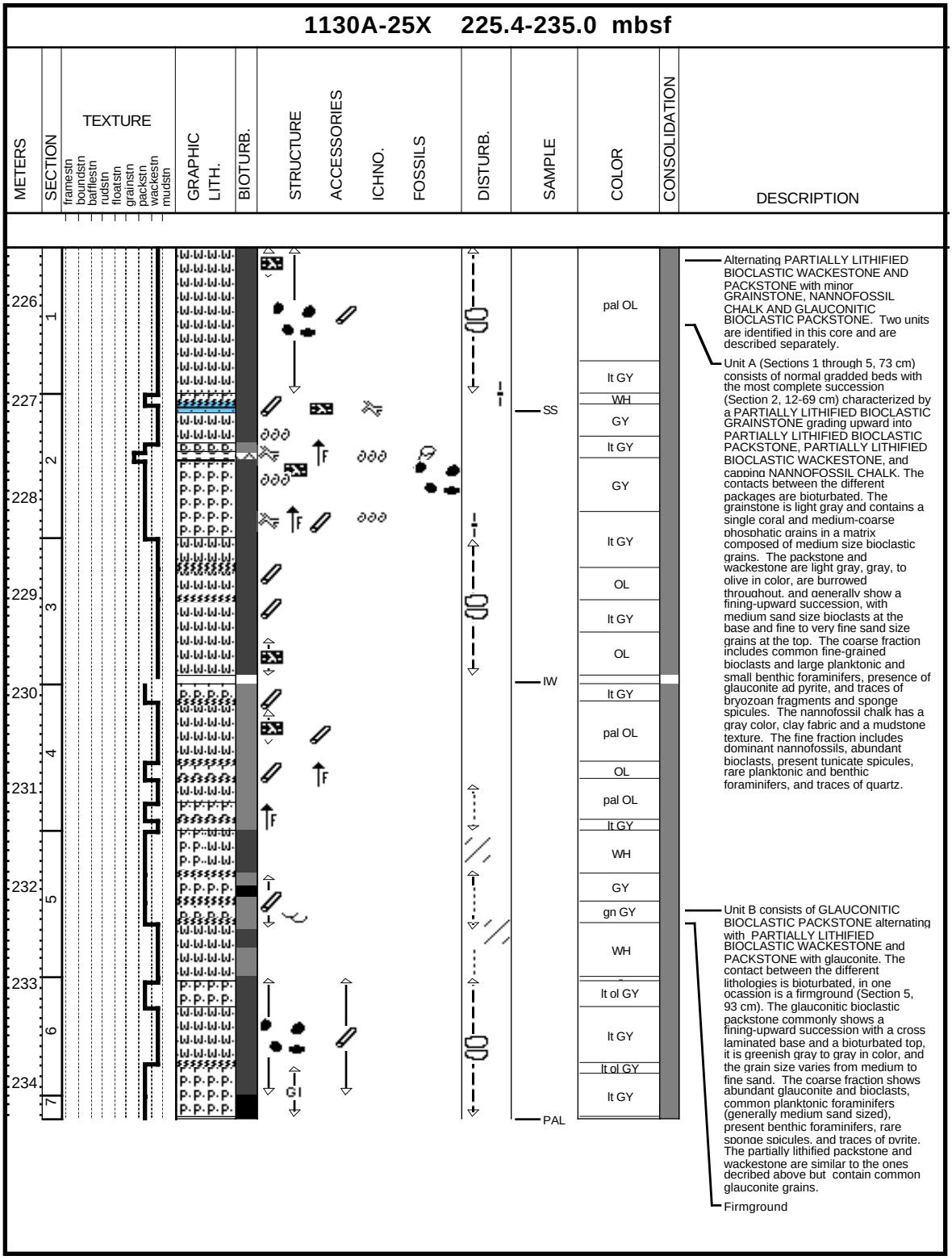
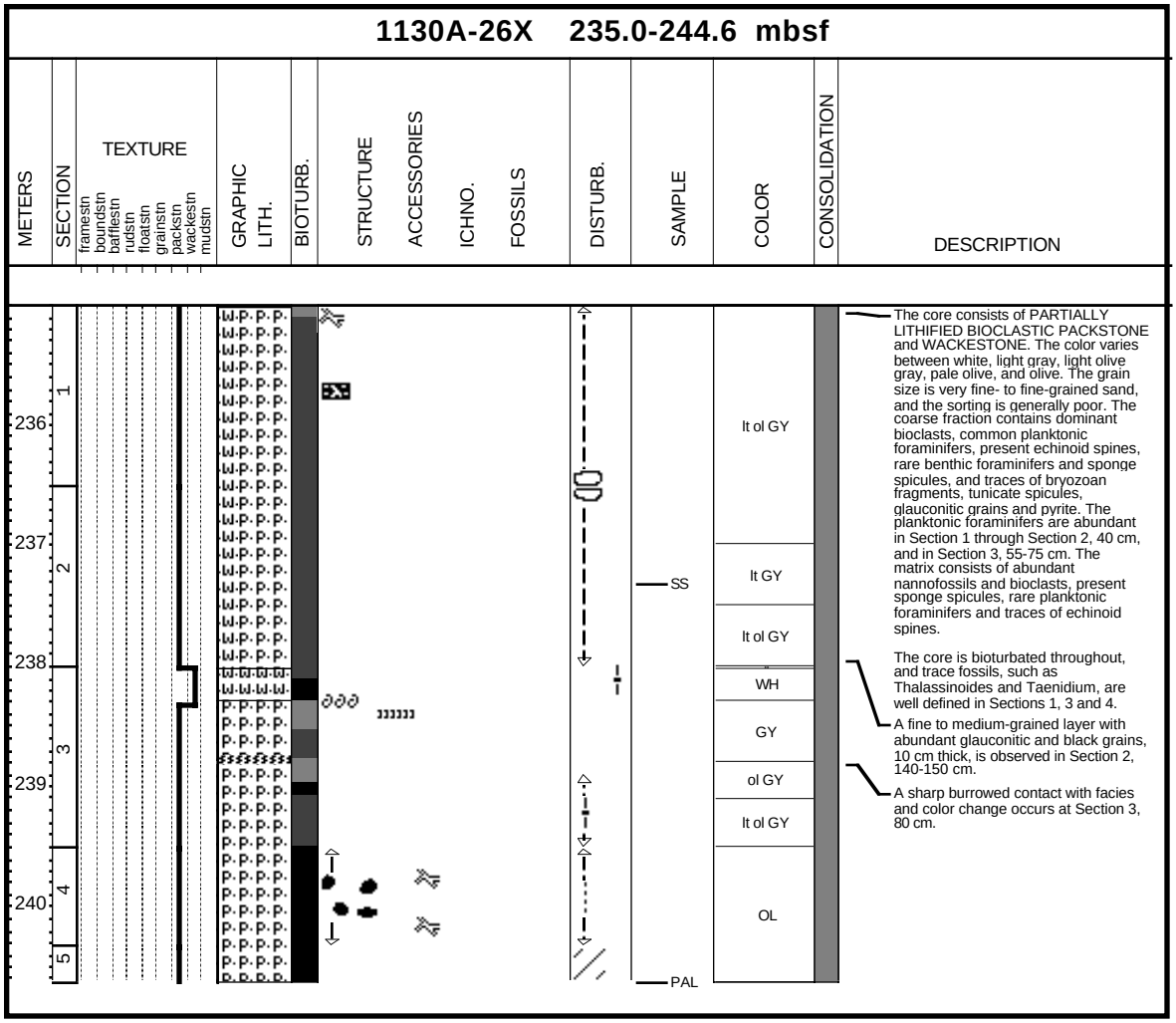
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
216
217
218
219
220
221
222
223
224
SS
SS
PAL
lt GY
lt ol GY
lt GY
pal OL
lt GY
lt ol GY
lt GY
lt ol GY
lt GY
pal OL
lt GY
Alternating PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE, PARTIALLY LITHIFIED BIOCLASTIC WACKESTONE AND NANNOFOSSIL-FORAMINIFERAL CHALK. The contact between these lithologies is a gradual to a sharp and bioturbated surface. and in one ocassion a possible firmground (Section 5).
The PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE (Section 1; Section 2, 0-50 and 135-150 cm; Section 3, 135-150 cm; Section 4, 90-150 cm; Section 5, 0-49 and 60-140 cm: Section 6. 21-124 cm. CC) is light gray, light olive gray to pale olive, fine to very fine-grained and bioturbated. The fine fraction includes abundant bioclasts, benthic foraminifers and nannofossils, common sponge spicules, presence of planktonic foraminifers and tunicate spicules, rare radiolarians and dolomite rhombs, and traces of diatoms. The coarse fraction includes abundant bioclasts and benthic foraminifers, presence of sponge spicules and planktonic foraminifers, rare ostracodes, and traces of echinoid fragments and glauconite,
The PARTIALLY LITHIFIED BIOCLASTIC WACKESTONE (Section 2, 0-135 cm, Section 3, 130-150; Section 4, 0-30 cm; Section 5, 49-60 and 140-150; Section 6, 0-21 cm) is light gray and white to gray with dark grains throughout, burrowed, and very fine grained with floating medium size sand skeletal grains. The coarse fraction consists of dominant bioclasts, common planktonic and benthic foraminifers, rare sponge spicules, ostracodes and echinoid spines, and traces of black grains. Glauconite may be present in some samples (Section 6, 10 cm).
The NANNOFOSSIL-FORAMINIFERAL CHALK with bioclasts (Section 4, 31-85 cm) is white in color, contains fine (rare medium) sand size grains, and has a wackestone texture. The fine fraction includes dominant nannofossils, common bioclasts, sponge spicules, present planktonic foraminifers, rare benthic foraminifers and tunicate spicules, and traces of dolomite. The coarse fraction includes dominant bioclasts, common planktonic and benthic foraminifers, rare sponge spicules, and traces of black grains, pyrite and echinoderm spines.

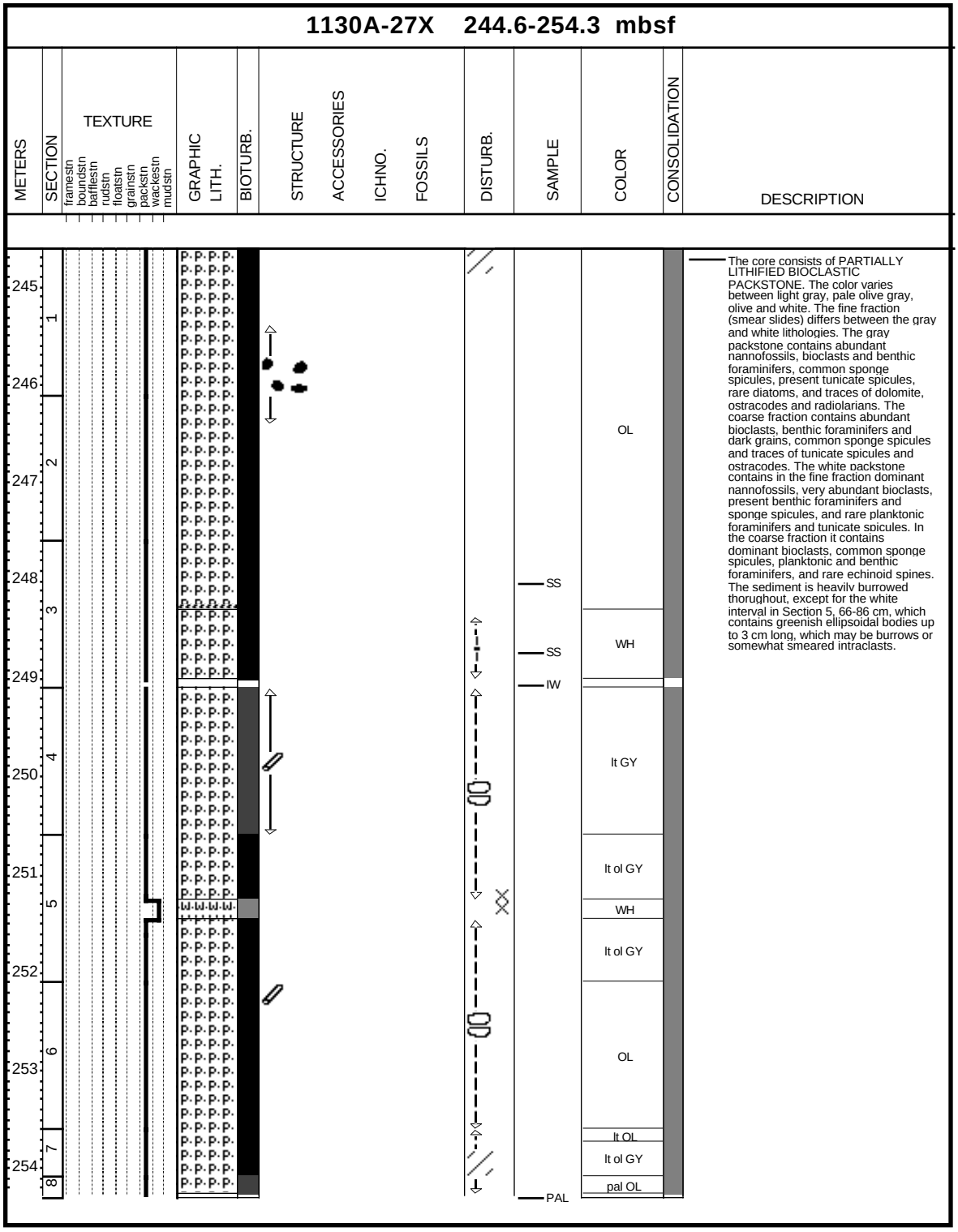
Core Photo


1130A-25X 225.4-235.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
226
227
228
229
230
231
232
233
234
1
2
3
4
5
6
7
SS
IW
PAL
pal OL
lt GY
WH
GY
lt GY
GY
lt GY
OL
lt GY
OL
lt GY
pal OL
OL
pal OL
lt GY
WH
GY
gn GY
WH
lt ol GY
lt GY
lt ol GY
lt GY
Alternating PARTIALLY LITHIFIED BIOCLASTIC WACKESTONE AND PACKSTONE with minor GRAINSTONE, NANNOFOSSIL CHALK AND GLAUCONITIC BIOCLASTIC PACKSTONE. Two units are identified in this core and are described separately.
Unit A (Sections 1 through 5, 73 cm) consists of normal gradded beds with the most complete succession (Section 2, 12-69 cm) characterized by a PARTIALLY LITHIFIED BIOCLASTIC GRAINSTONE grading upward into PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE, PARTIALLY LITHIFIED BIOCLASTIC WACKESTONE, and capping NANNOFOSSIL CHALK. The contacts between the different packages are bioturbated. The grainstone is light gray and contains a single coral and medium-coarse phosphatic grains in a matrix composed of medium size bioclastic grains. The packstone and wackestone are light gray, gray, to olive in color, are burrowed throughout, and generally show a fining-upward succession, with medium sand size bioclasts at the base and fine to very fine sand size grains at the top. The coarse fraction includes common fine-grained bioclasts and large planktonic and small benthic foraminifers, presence of glauconite ad pyrite, and traces of bryozoan fragments and sponge spicules. The nannofossil chalk has a gray color, clay fabric and a mudstone texture. The fine fraction includes dominant nannofossils, abundant bioclasts, present tunicate spicules, rare planktonic and benthic foraminifers, and traces of quartz.
Unit B consists of GLAUCONITIC BIOCLASTIC PACKSTONE alternating with PARTIALLY LITHIFIED BIOCLASTIC WACKESTONE and PACKSTONE with glauconite. The contact between the different lithologies is bioturbated, in one ocassion is a firmground (Section 5, 93 cm). The glauconitic bioclastic packstone commonly shows a fining-upward succession with a cross laminated base and a bioturbated top, it is greenish gray to gray in color, and the grain size varies from medium to fine sand. The coarse fraction shows abundant glauconite and bioclasts, common planktonic foraminifers (generally medium sand sized), present benthic foraminifers, rare sponge spicules, and traces of pyrite. The partially lithified packstone and wackestone are similar to the ones decribed above but contain common glauconite grains.
Firmground

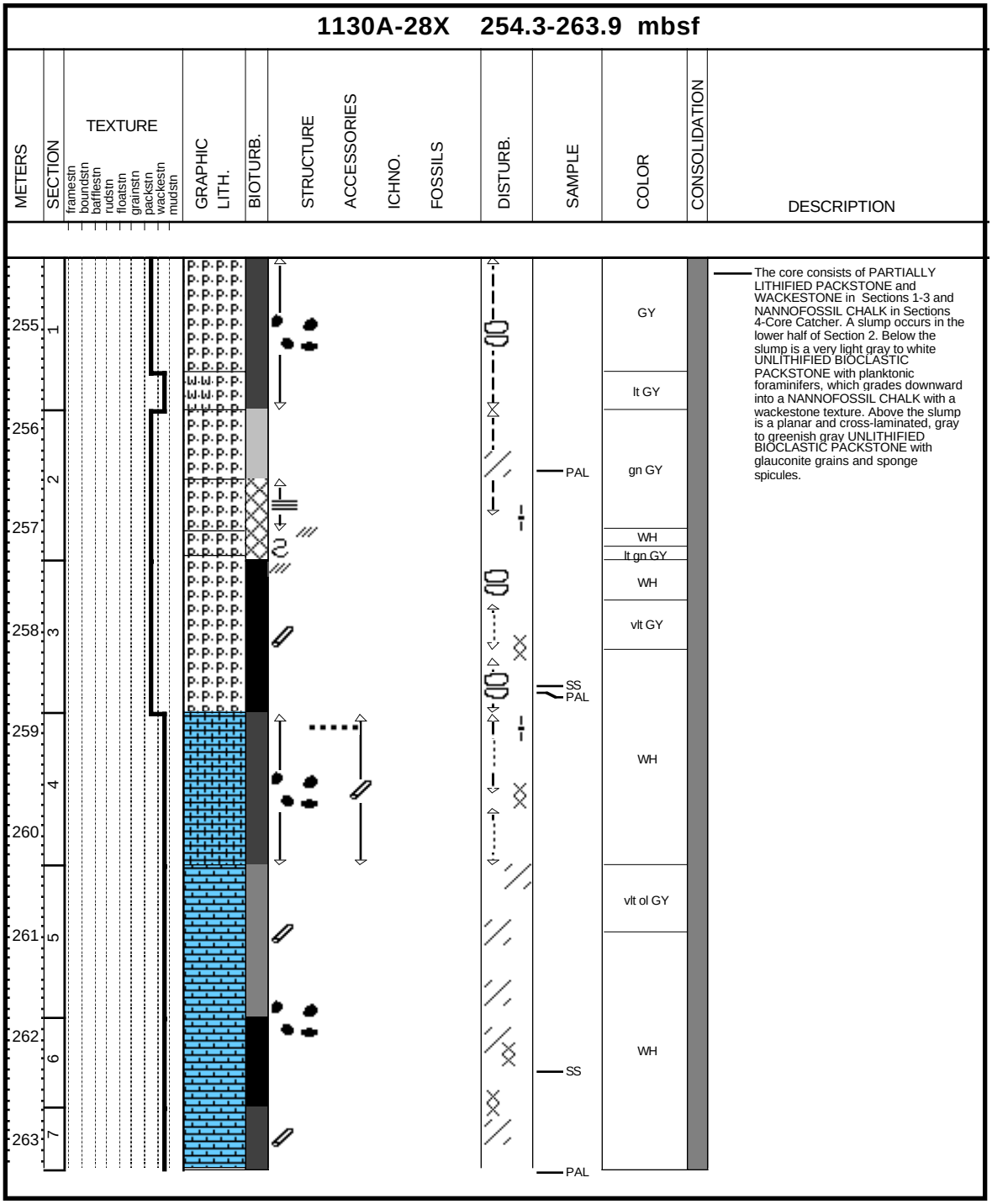
Core Photo


1130A-26X 235.0-244.6 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
236
237
238
239
240
1
2
3
4
5
SS
PAL
lt ol GY
lt GY
lt ol GY
WH
GY
ol GY
lt ol GY
OL
The core consists of PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE and WACKESTONE. The color varies between white, light gray, light olive gray, pale olive, and olive. The grain size is very fine- to fine-grained sand, and the sorting is generally poor. The coarse fraction contains dominant bioclasts, common planktonic foraminifers, present echinoid spines, rare benthic foraminifers and sponge spicules, and traces of bryozoan fragments, tunicate spicules, glauconitic grains and pyrite. The planktonic foraminifers are abundant in Section 1 through Section 2, 40 cm, and in Section 3, 55-75 cm. The matrix consists of abundant nannofossils and bioclasts, present sponge spicules, rare planktonic foraminifers and traces of echinoid spines.
The core is bioturbated throughout, and trace fossils, such as Thalassinoides and Taenidium, are well defined in Sections 1, 3 and 4.
A fine to medium-grained layer with abundant glauconitic and black grains, 10 cm thick, is observed in Section 2, 140-150 cm.
A sharp burrowed contact with facies and color change occurs at Section 3, 80 cm.

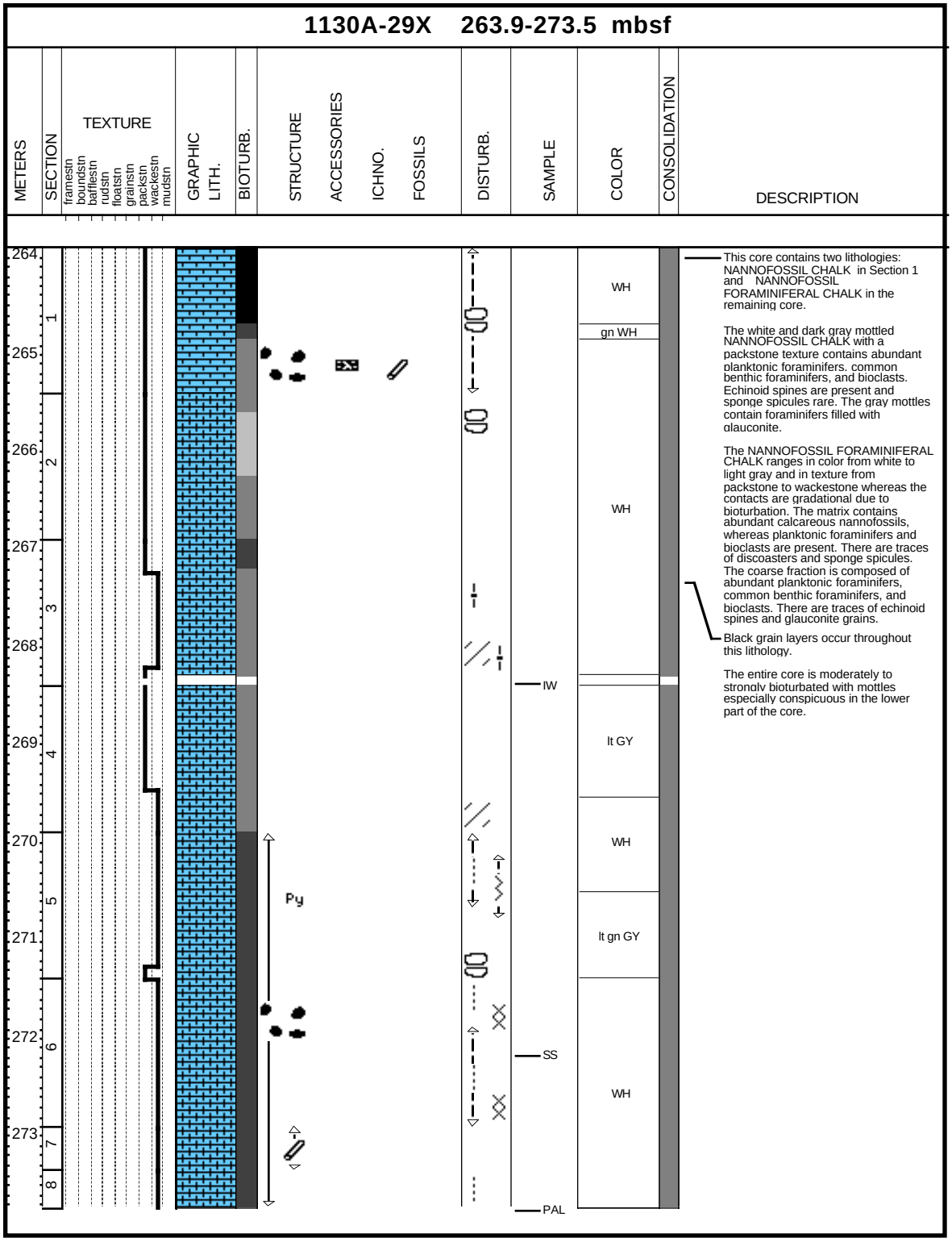
Core Photo


1130A-27X 244.6-254.3 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
245
246
247
248
249
250
251
252
253
254
1
2
3
4
5
6
7
8
SS
SS
IW
PAL
OL
WH
lt GY
lt ol GY
WH
lt ol GY
OL
lt OL
lt ol GY
pal OL
The core consists of PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE. The color varies between light gray, pale olive gray, olive and white. The fine fraction (smear slides) differs between the gray and white lithologies. The gray packstone contains abundant nannofossils, bioclasts and benthic foraminifers, common sponge spicules, present tunicate spicules, rare diatoms, and traces of dolomite, ostracodes and radiolarians. The coarse fraction contains abundant bioclasts, benthic foraminifers and dark grains, common sponge spicules and traces of tunicate spicules and ostracodes. The white packstone contains in the fine fraction dominant nannofossils, very abundant bioclasts, present benthic foraminifers and sponge spicules, and rare planktonic foraminifers and tunicate spicules. In the coarse fraction it contains dominant bioclasts, common sponge spicules, planktonic and benthic foraminifers, and rare echinoid spines. The sediment is heavily burrowed thorughout, except for the white interval in Section 5, 66-86 cm, which contains greenish ellipsoidal bodies up to 3 cm long, which may be burrows or somewhat smeared intraclasts.

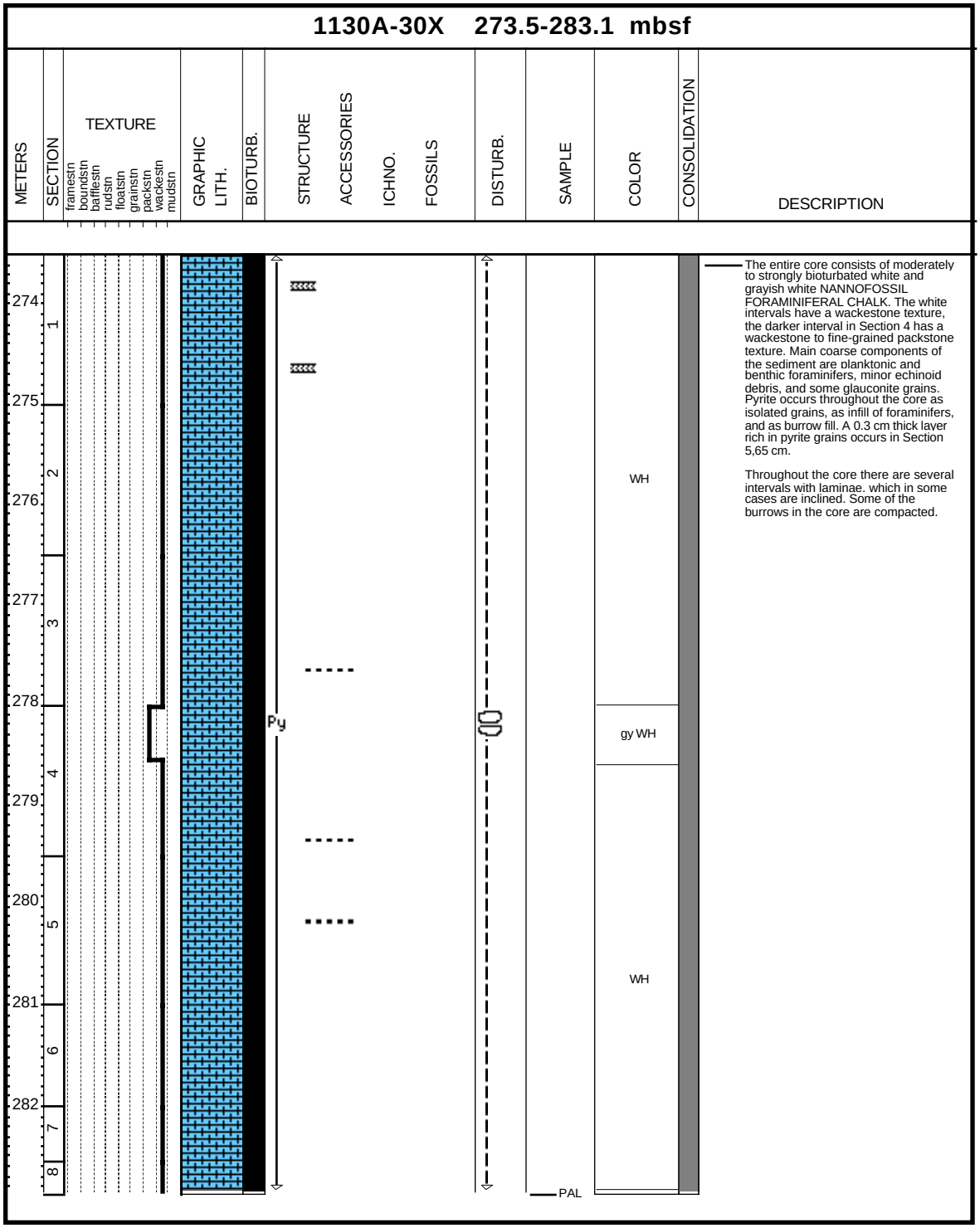
Core Photo


1130A-28X 254.3-263.9 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
255
256
257
258
259
260
261
262
263
1
2
3
4
5
6
7
PAL
SS
PAL
SS
PAL
GY
lt GY
gn GY
WH
lt gn GY
WH
vlt GY
WH
vlt ol GY
WH
The core consists of PARTIALLY LITHIFIED PACKSTONE and WACKESTONE in Sections 1-3 and NANNOFOSSIL CHALK in Sections 4-Core Catcher. A slump occurs in the lower half of Section 2. Below the slump is a very light gray to white UNLITHIFIED BIOCLASTIC PACKSTONE with planktonic foraminifers, which grades downward into a NANNOFOSSIL CHALK with a wackestone texture. Above the slump is a planar and cross-laminated, gray to greenish gray UNLITHIFIED BIOCLASTIC PACKSTONE with glauconite grains and sponge spicules.

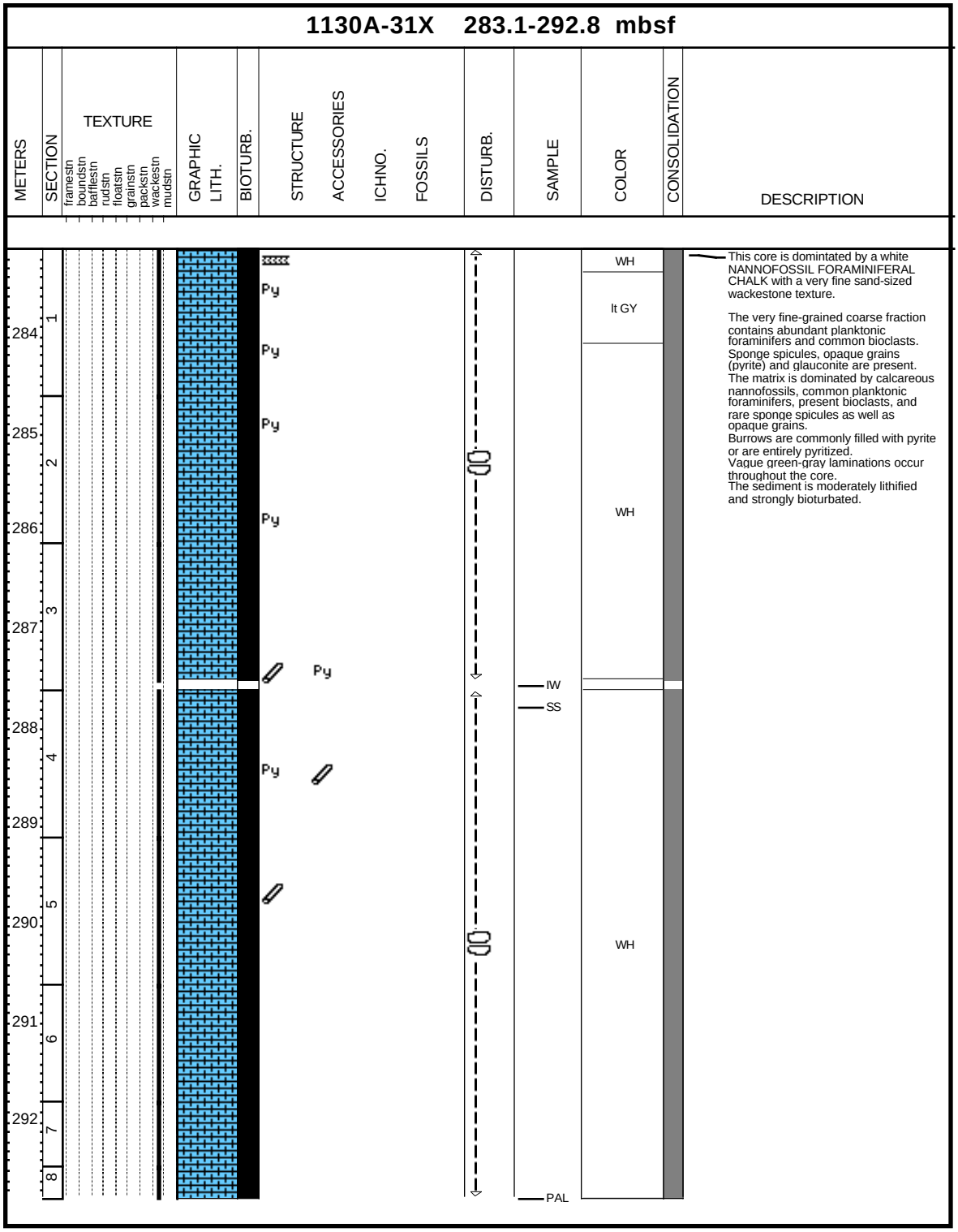
Core Photo


1130A-29X 263.9-273.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
264
265
266
267
268
269
270
271
272
273
1
2
3
4
5
6
7
8
Py
IW
SS
PAL
WH
gn WH
WH
lt GY
WH
lt gn GY
WH
This core contains two lithologies: NANNOFOSSIL CHALK in Section 1 and NANNOFOSSIL FORAMINIFERAL CHALK in the remaining core.
The white and dark gray mottled NANNOFOSSIL CHALK with a packstone texture contains abundant planktonic foraminifers, common benthic foraminifers, and bioclasts. Echinoid spines are present and sponge spicules rare. The gray mottles contain foraminifers filled with glauconite.
The NANNOFOSSIL FORAMINIFERAL CHALK ranges in color from white to light gray and in texture from packstone to wackestone whereas the contacts are gradational due to bioturbation. The matrix contains abundant calcareous nannofossils, whereas planktonic foraminifers and bioclasts are present. There are traces of discoasters and sponge spicules. The coarse fraction is composed of abundant planktonic foraminifers, common benthic foraminifers, and bioclasts. There are traces of echinoid spines and glauconite grains.
Black grain layers occur throughout this lithology.
The entire core is moderately to strongly bioturbated with mottles especially conspicuous in the lower part of the core.

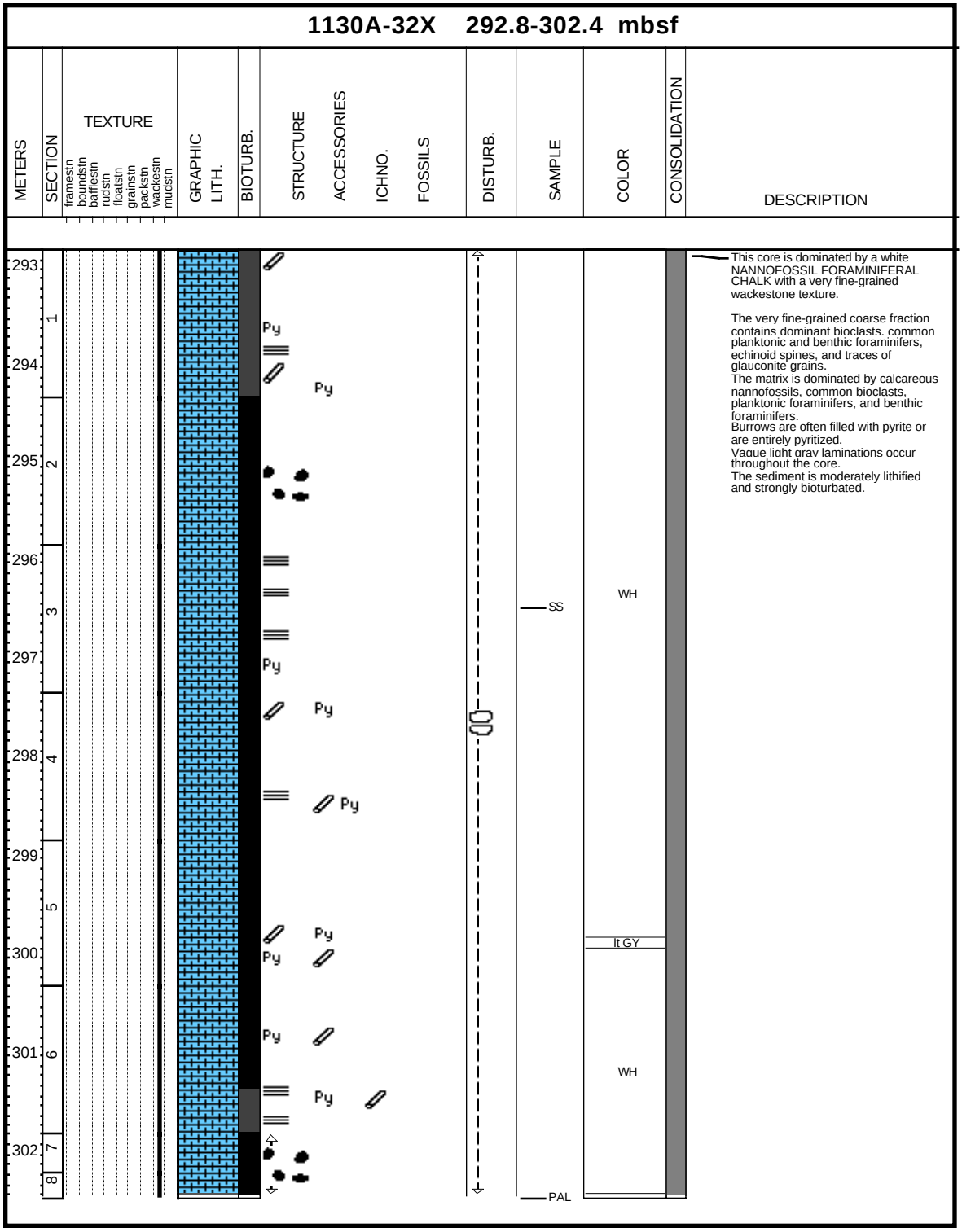
Core Photo


1130A-30X 273.5-283.1 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
274
275
276
277
278
279
280
281
282
1
2
3
4
5
6
7
8
Py
PAL
WH
gy WH
WH
The entire core consists of moderately to strongly bioturbated white and grayish white NANNOFOSSIL FORAMINIFERAL CHALK. The white intervals have a wackestone texture, the darker interval in Section 4 has a wackestone to fine-grained packstone texture. Main coarse components of the sediment are planktonic and benthic foraminifers, minor echinoid debris, and some glauconite grains. Pyrite occurs throughout the core as isolated grains, as infill of foraminifers, and as burrow fill. A 0.3 cm thick layer rich in pyrite grains occurs in Section 5,65 cm.
Throughout the core there are several intervals with laminae. which in some cases are inclined. Some of the burrows in the core are compacted.

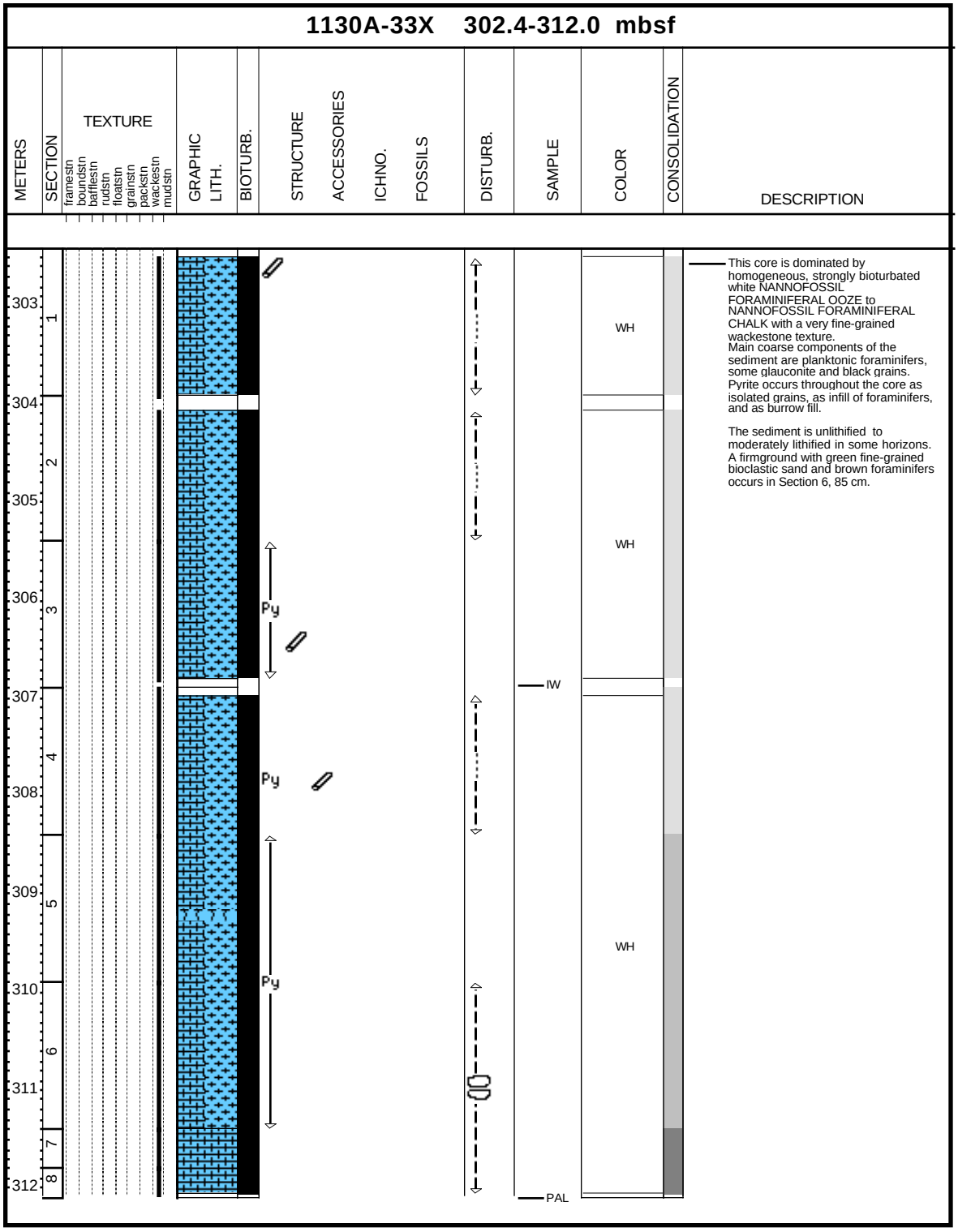
Core Photo


1130A-31X 283.1-292.8 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
284
285
286
287
288
289
290
291
292
1
2
3
4
5
6
7
8
Py
IW
SS
PAL
WH
lt GY
WH
WH
This core is domintated by a white NANNOFOSSIL FORAMINIFERAL CHALK with a very fine sand-sized wackestone texture.
The very fine-grained coarse fraction contains abundant planktonic foraminifers and common bioclasts. Sponge spicules, opaque grains (pyrite) and glauconite are present. The matrix is dominated by calcareous nannofossils, common planktonic foraminifers, present bioclasts, and rare sponge spicules as well as opaque grains.
Burrows are commonly filled with pyrite or are entirely pyritized.
Vague green-gray laminations occur throughout the core.
The sediment is moderately lithified and strongly bioturbated.

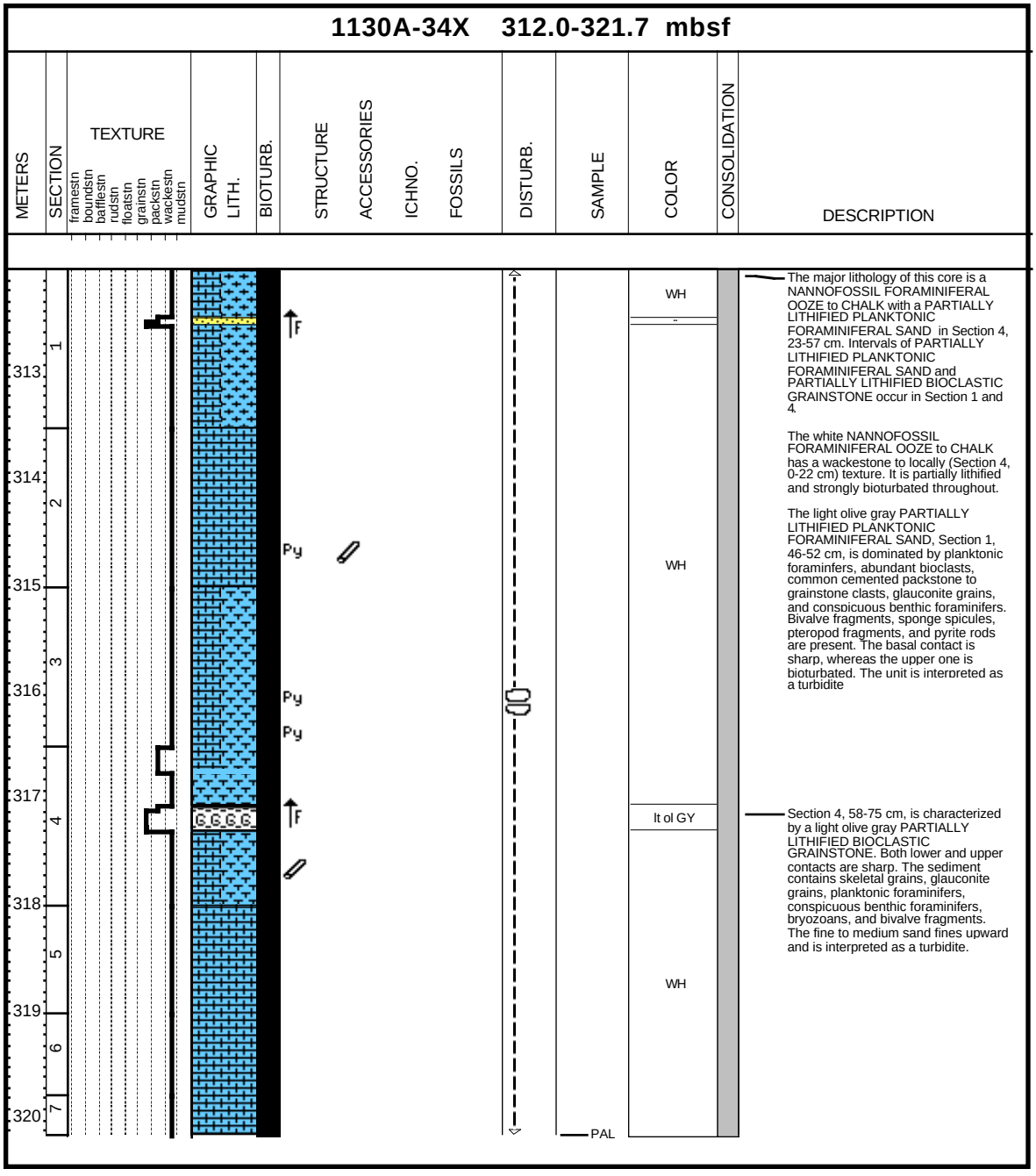
Core Photo


1130A-32X 292.8-302.4 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
293
294
295
296
297
298
299
300
301
302
1
2
3
4
5
6
7
8
Py
SS
PAL
WH
lt GY
WH
This core is dominated by a white NANNOFOSSIL FORAMINIFERAL CHALK with a very fine-grained wackestone texture.
The very fine-grained coarse fraction contains dominant bioclasts, common planktonic and benthic foraminifers, echinoid spines, and traces of glauconite grains.
The matrix is dominated by calcareous nannofossils, common bioclasts, planktonic foraminifers, and benthic foraminifers.
Burrows are often filled with pyrite or are entirely pyritized.
Vague light gray laminations occur throughout the core.
The sediment is moderately lithified and strongly bioturbated.

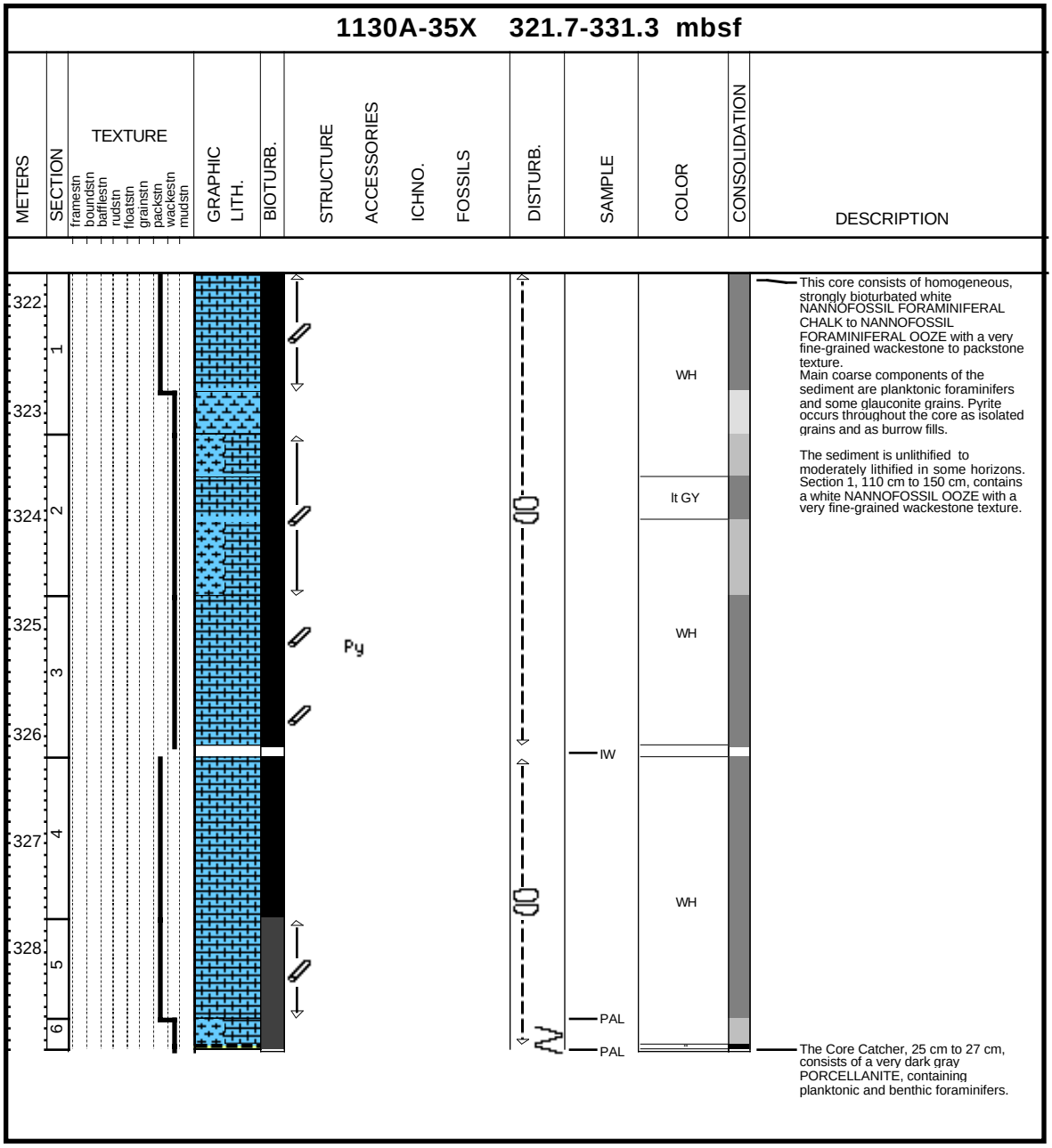
Core Photo


1130A-33X 302.4-312.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
303
304
305
306
307
308
309
310
311
312
1
2
3
4
5
6
7
8
Py
Py
Py
IW
PAL
WH
WH
WH
This core is dominated by homogeneous, strongly bioturbated white NANNOFOSSIL FORAMINIFERAL OOZE to NANNOFOSSIL FORAMINIFERAL CHALK with a very fine-grained wackestone texture.
Main coarse components of the sediment are planktonic foraminifers, some glauconite and black grains. Pyrite occurs throughout the core as isolated grains, as infill of foraminifers, and as burrow fill.
The sediment is unlithified to moderately lithified in some horizons. A firmground with green fine-grained bioclastic sand and brown foraminifers occurs in Section 6, 85 cm.

Core Photo


1130A-34X 312.0-321.7 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
313
314
315
316
317
318
319
320
1
2
3
4
5
6
7
F
Py
Py
Py
F
PAL
WH
WH
lt ol GY
WH
The major lithology of this core is a NANNOFOSSIL FORAMINIFERAL OOZE to CHALK with a PARTIALLY LITHIFIED PLANKTONIC FORAMINIFERAL SAND in Section 4, 23-57 cm. Intervals of PARTIALLY LITHIFIED PLANKTONIC FORAMINIFERAL SAND and PARTIALLY LITHIFIED BIOCLASTIC GRAINSTONE occur in Section 1 and 4.
The white NANNOFOSSIL FORAMINIFERAL OOZE to CHALK has a wackestone to locally (Section 4, 0-22 cm) texture. It is partially lithified and strongly bioturbated throughout.
The light olive gray PARTIALLY LITHIFIED PLANKTONIC FORAMINIFERAL SAND, Section 1, 46-52 cm, is dominated by planktonic foraminfers, abundant bioclasts, common cemented packstone to grainstone clasts, glauconite grains, and conspicuous benthic foraminifers. Bivalve fragments, sponge spicules, pteropod fragments, and pyrite rods are present. The basal contact is sharp, whereas the upper one is bioturbated. The unit is interpreted as a turbidite
Section 4, 58-75 cm, is characterized by a light olive gray PARTIALLY LITHIFIED BIOCLASTIC GRAINSTONE. Both lower and upper contacts are sharp. The sediment contains skeletal grains, glauconite grains, planktonic foraminifers, conspicuous benthic foraminifers, bryozoans, and bivalve fragments. The fine to medium sand fines upward and is interpreted as a turbidite.

Core Photo


1130A-35X 321.7-331.3 mbsf
METERS
SECTION
TEXTURE
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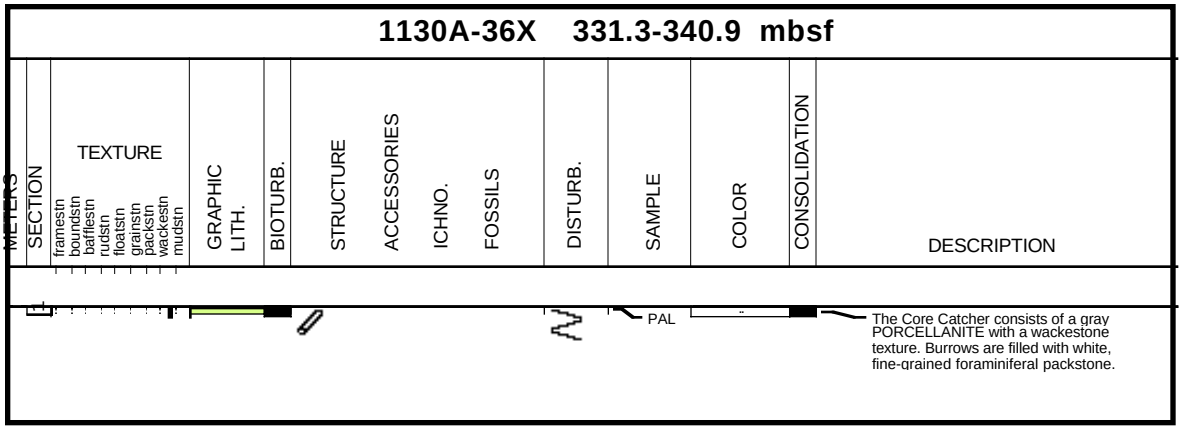
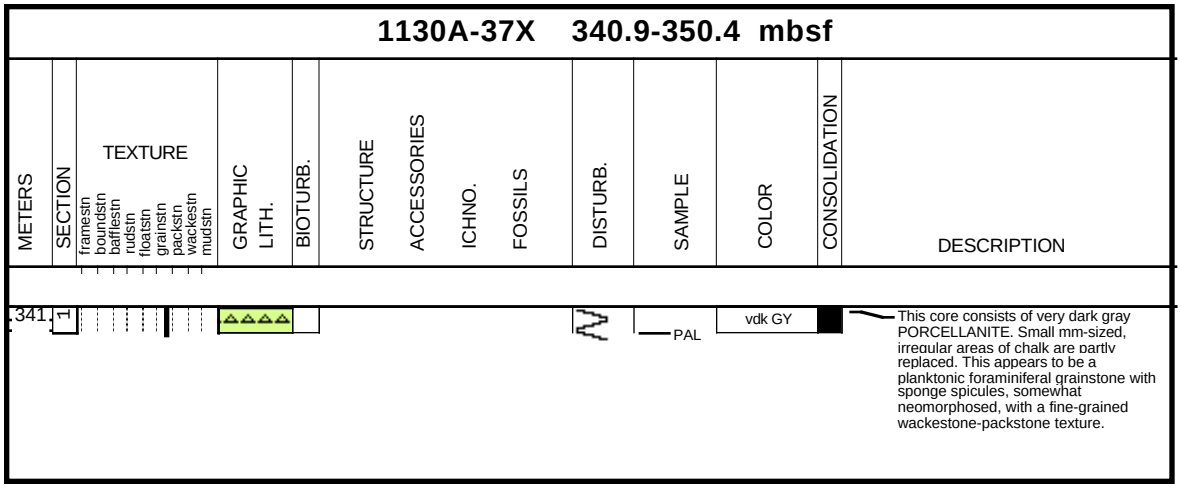
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
322
323
324
325
326
327
328
1
2
3
4
5
6
Py
IW
PAL
PAL
WH
lt GY
WH
WH
This core consists of homogeneous, strongly bioturbated white NANNOFOSSIL FORAMINIFERAL CHALK to NANNOFOSSIL FORAMINIFERAL OOZE with a very fine-grained wackestone to packstone texture.
Main coarse components of the sediment are planktonic foraminifers and some glauconite grains. Pyrite occurs throughout the core as isolated grains and as burrow fills.
The sediment is unlithified to moderately lithified in some horizons. Section 1, 110 cm to 150 cm, contains a white NANNOFOSSIL OOZE with a very fine-grained wackestone texture.
The Core Catcher, 25 cm to 27 cm, consists of a very dark gray PORCELLANITE, containing planktonic and benthic foraminifers.

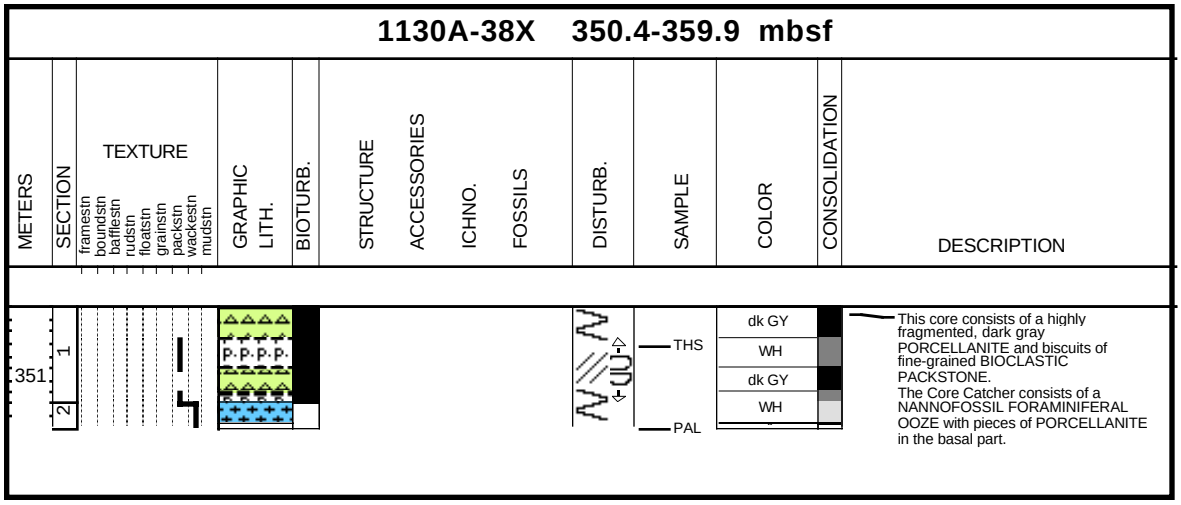
Core Photo


1130A-36X 331.3-340.9 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
PAL
The Core Catcher consists of a gray PORCELLANITE with a wackestone texture. Burrows are filled with white, fine-grained foraminiferal packstone.

Core Photo

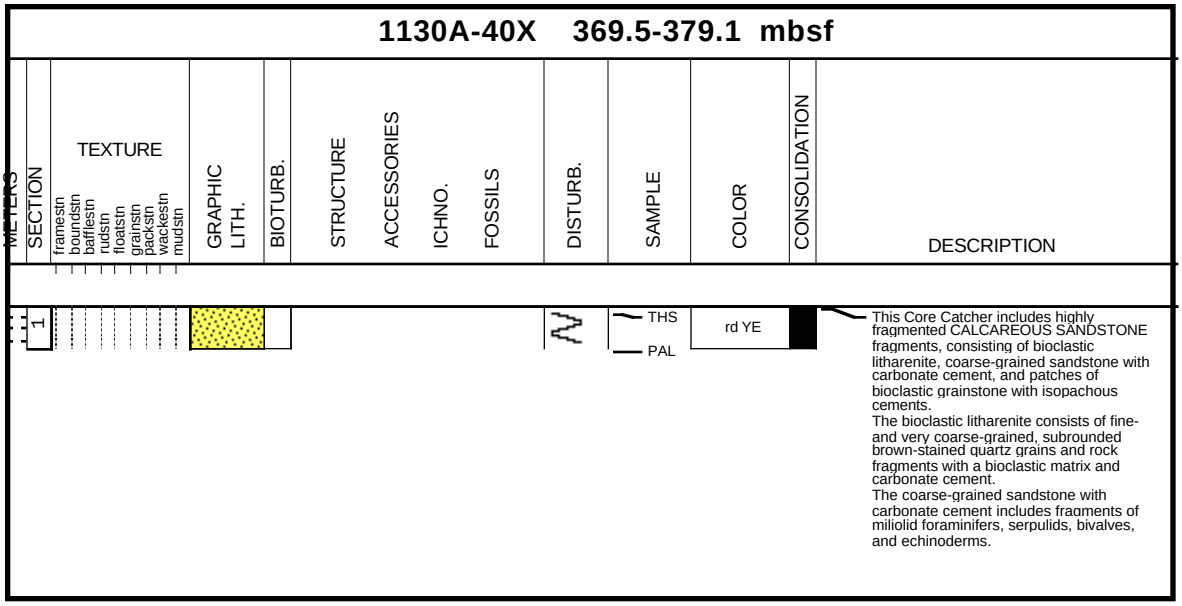

1130A-37X 340.9-350.4 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
341
1
PAL
vdk GY
This core consists of very dark gray PORCELLANITE. Small mm-sized, irregular areas of chalk are partly replaced. This appears to be a planktonic foraminiferal grainstone with sponge spicules, somewhat neomorphosed, with a fine-grained wackestone-packstone texture.

Core Photo



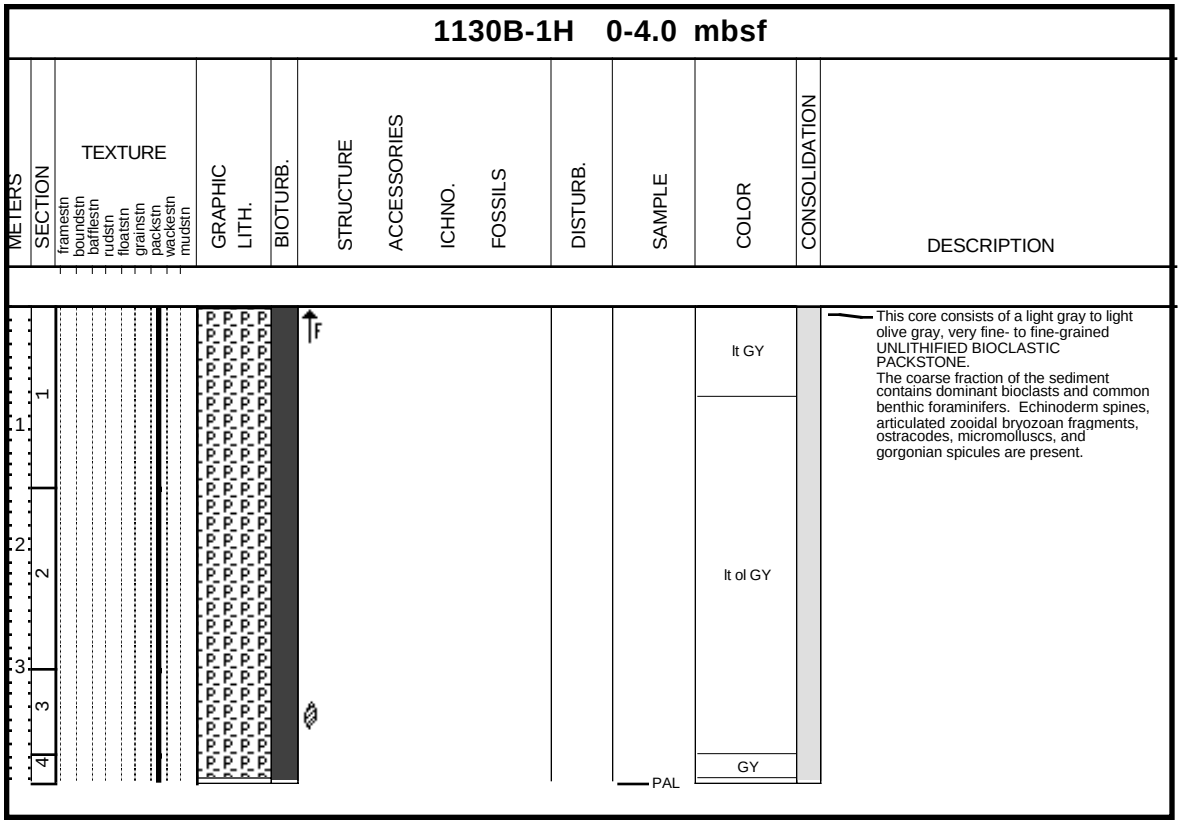
1130A-39X TO PALEO

Core Photo

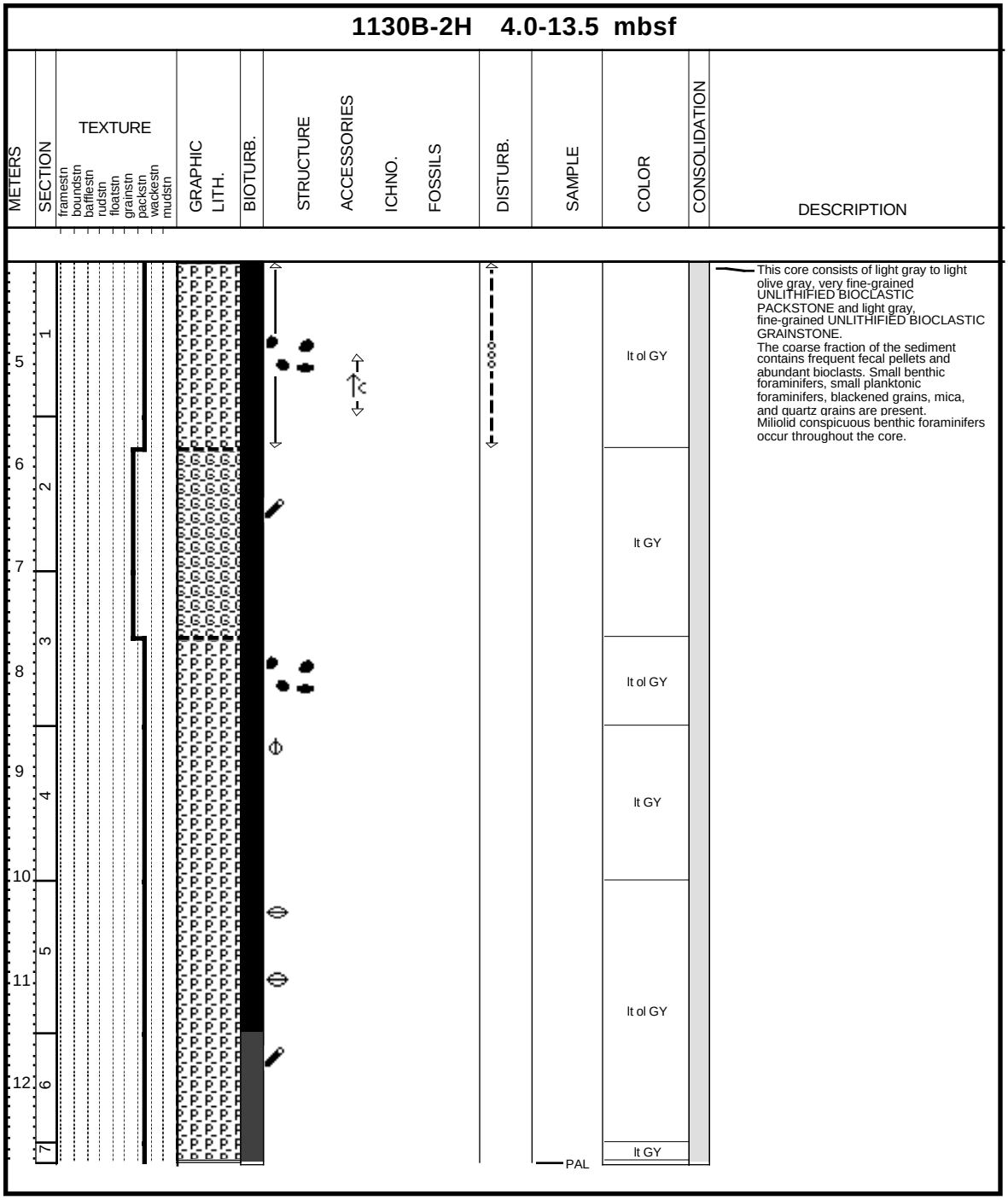


1130A-41X NO RECOVERY

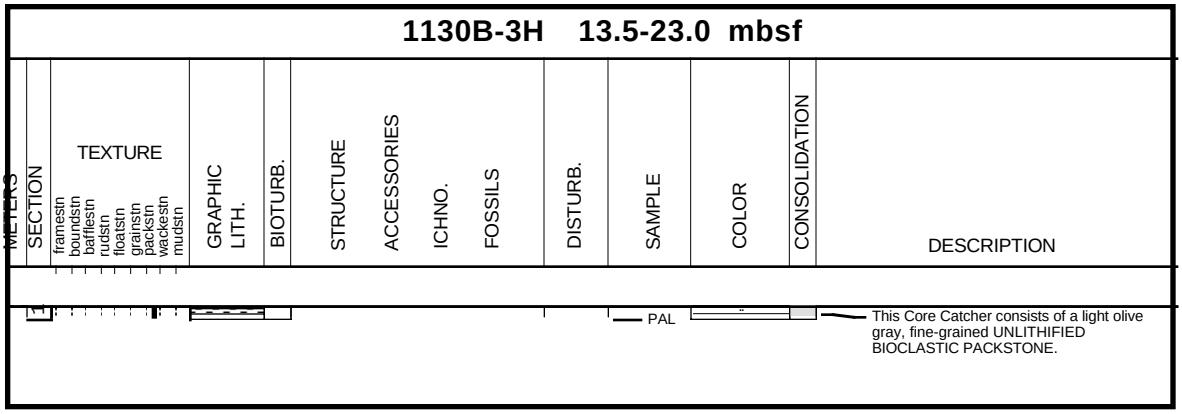
Core Photo


1130B-1H 0-4.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
bafflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
F
PAL
lt GY
lt ol GY
GY
This core consists of a light gray to light olive gray, very fine- to fine-grained UNLITHIFIED BIOCLASTIC PACKSTONE.
The coarse fraction of the sediment contains dominant bioclasts and common benthic foraminifers. Echinoderm spines, articulated zooidal bryozoan fragments, ostracodes, micromolluscs, and gorgonian spicules are present.

Core Photo


1130B-2H 4.0-13.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
This core consists of light gray to light olive gray, very fine-grained UNLITHIFIED BIOCLASTIC PACKSTONE and light gray, fine-grained UNLITHIFIED BIOCLASTIC GRAINSTONE.
The coarse fraction of the sediment contains frequent fecal pellets and abundant bioclasts. Small benthic foraminifers, small planktonic foraminifers, blackened grains, mica, and quartz grains are present. Miliolid conspicuous benthic foraminifers occur throughout the core.
lt ol GY
lt GY
lt ol GY
lt GY
lt ol GY
lt GY
PAL

Core Photo


1130B-3H 13.5-23.0 mbsf
METERS
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TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
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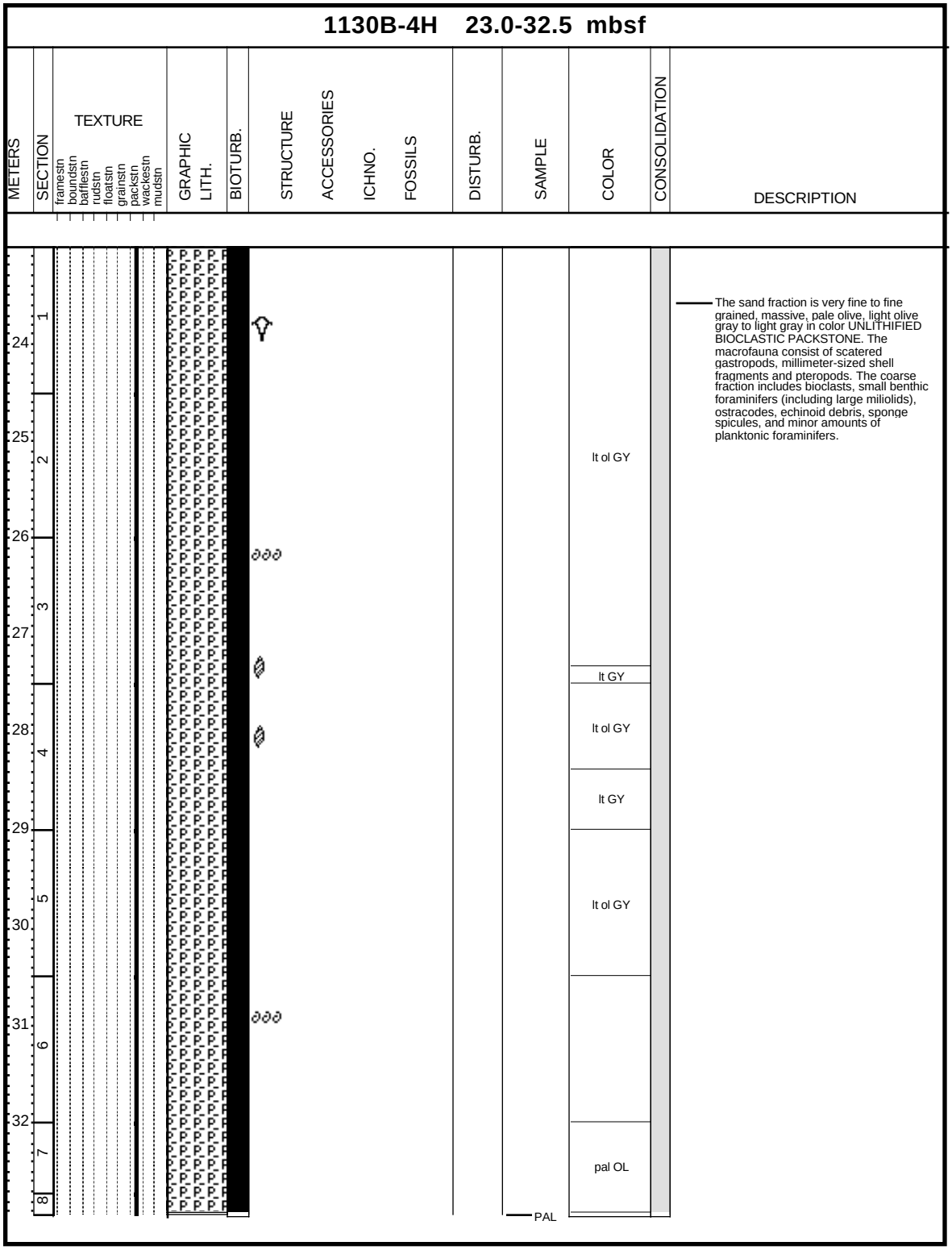
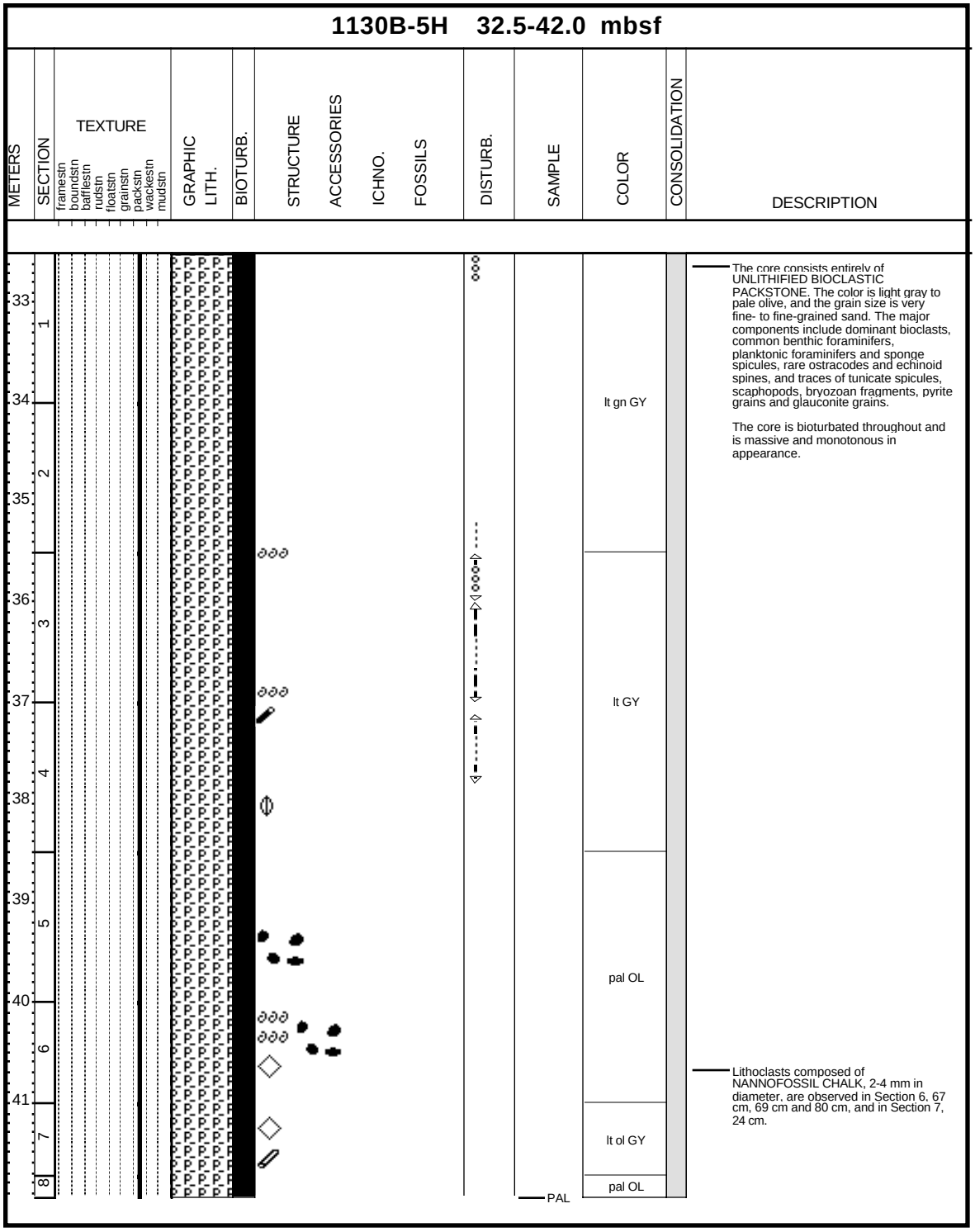
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
1
PAL
This Core Catcher consists of a light olive gray, fine-grained UNLITHIFIED BIOCLASTIC PACKSTONE.

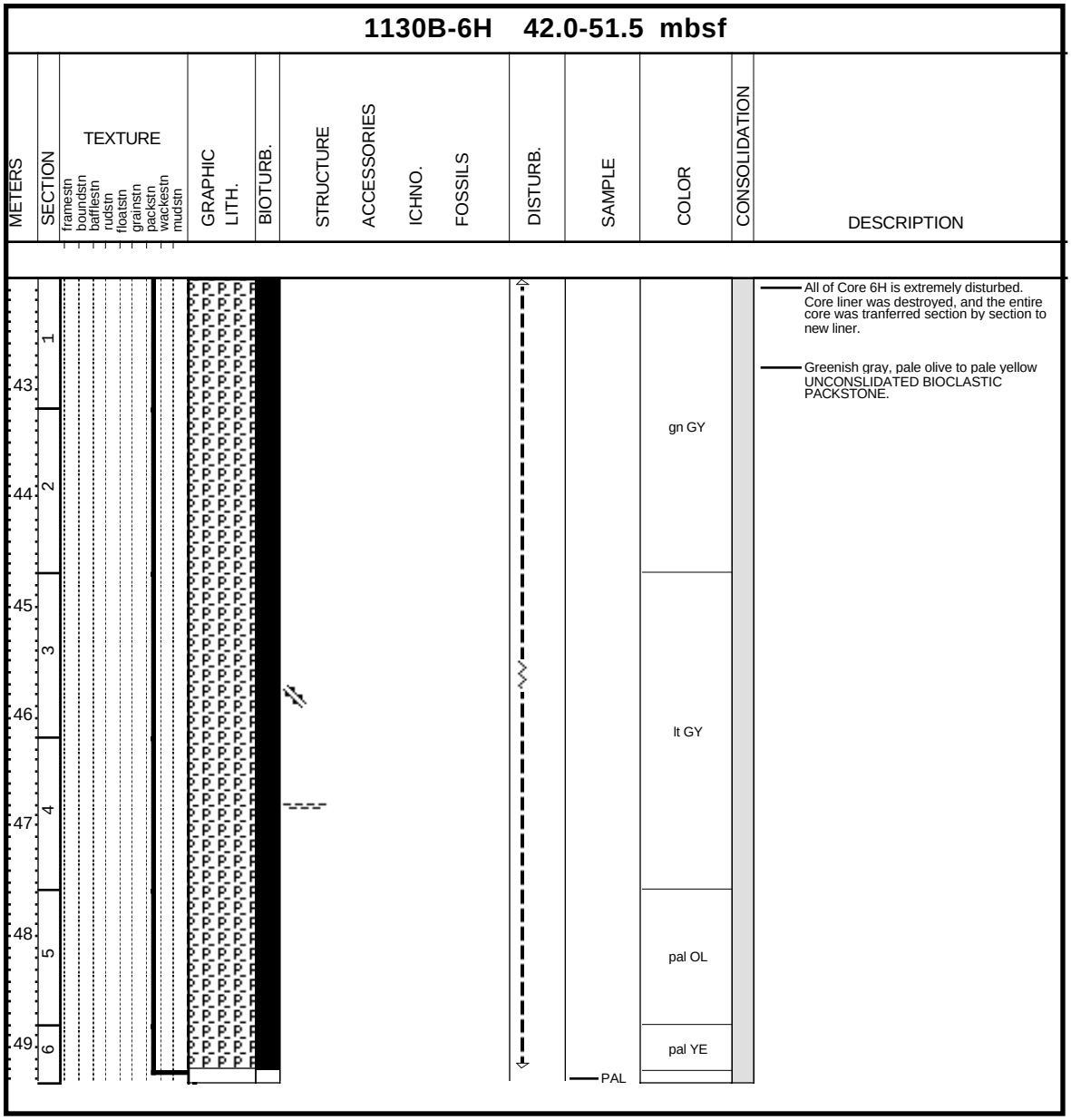
Core Photo


1130B-4H 23.0-32.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
barfliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
24
25
26
27
28
29
30
31
32
1
2
3
4
5
6
7
8
lt ol GY
lt GY
lt ol GY
lt GY
lt ol GY
pal OL
PAL
The sand fraction is very fine to fine grained, massive, pale olive, light olive gray to light gray in color UNLITHIFIED BIOCLASTIC PACKSTONE. The macrofauna consist of scatered gastropods, millimeter-sized shell fragments and pteropods. The coarse fraction includes bioclasts, small benthic foraminifers (including large miliolids), ostracodes, echinoid debris, sponge spicules, and minor amounts of planktonic foraminifers.

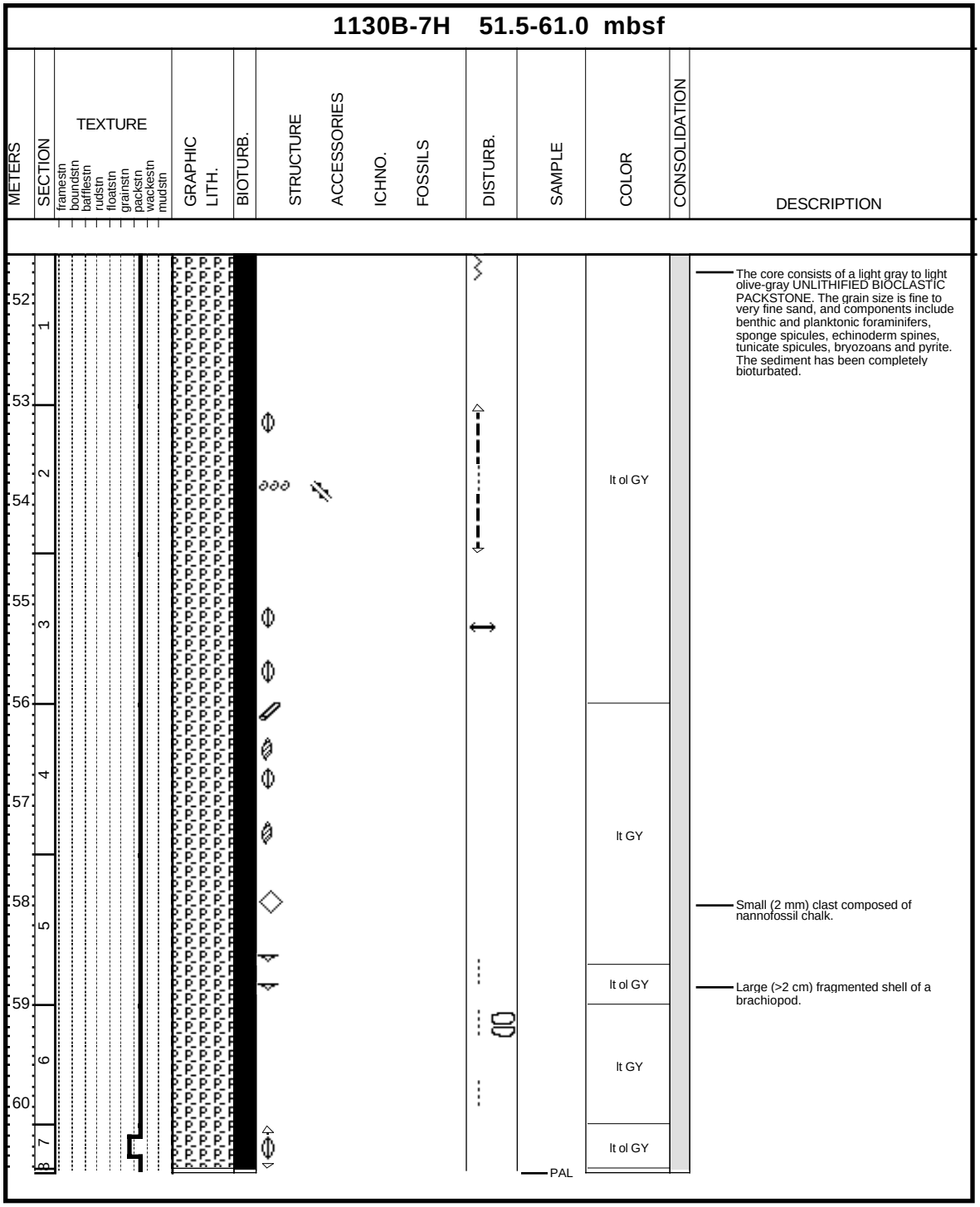
Core Photo


1130B-5H 32.5-42.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
33
34
35
36
37
38
39
40
41
1
2
3
4
5
6
7
8
PAL
lt gn GY
lt GY
pal OL
lt ol GY
pal OL
The core consists entirely of UNLITHIFIED BIOCLASTIC PACKSTONE. The color is light gray to pale olive, and the grain size is very fine- to fine-grained sand. The major components include dominant bioclasts, common benthic foraminifers, planktonic foraminifers and sponge spicules, rare ostracodes and echinoid spines, and traces of tunicate spicules, scaphopods, bryozoan fragments, pyrite grains and glauconite grains.
The core is bioturbated throughout and is massive and monotonous in appearance.
Lithoclasts composed of NANNOFOSSIL CHALK, 2-4 mm in diameter, are observed in Section 6, 67 cm, 69 cm and 80 cm, and in Section 7, 24 cm.

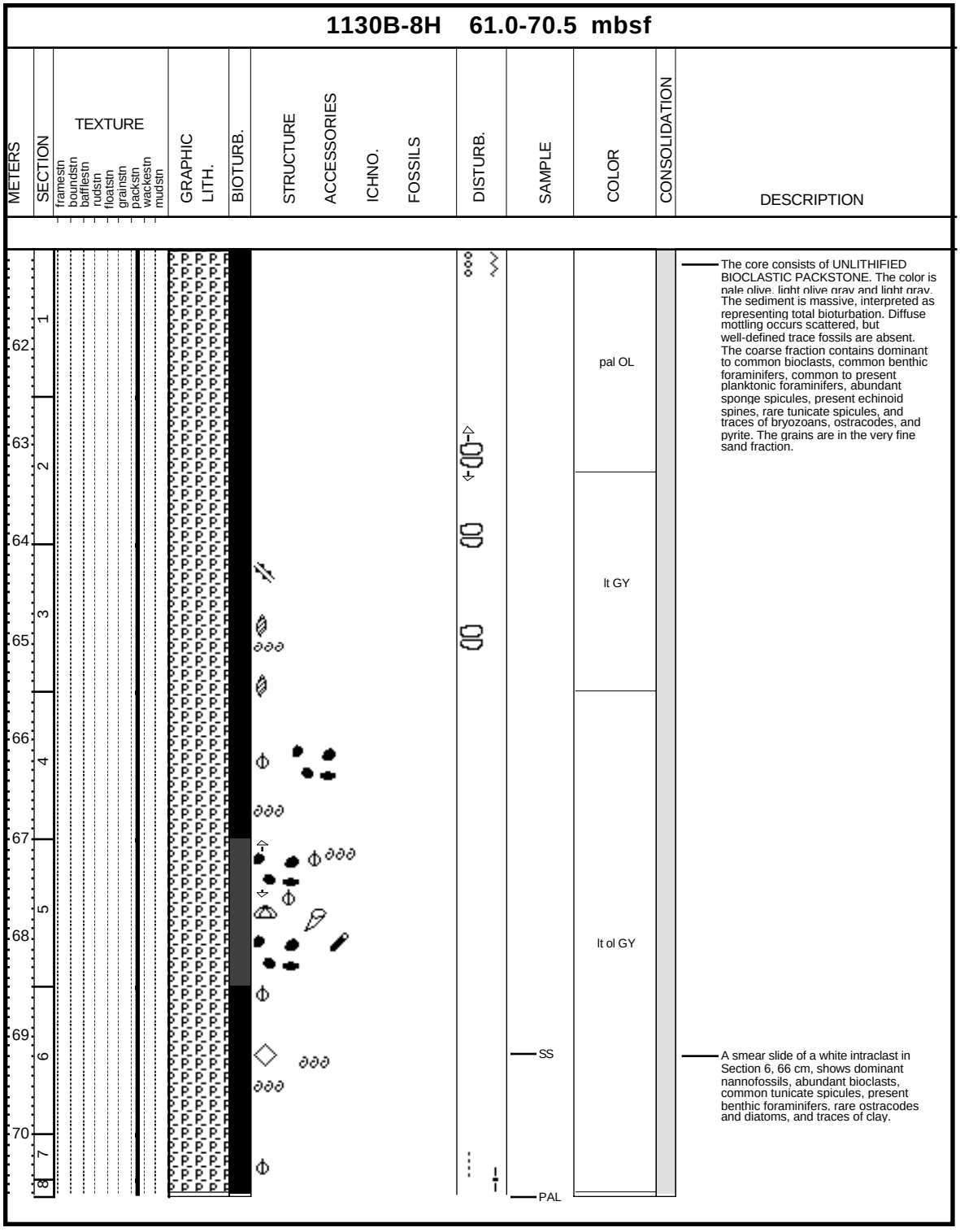
Core Photo


1130B-6H 42.0-51.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
43
44
45
46
47
48
49
1
2
3
4
5
6
PAL
gn GY
lt GY
pal OL
pal YE
All of Core 6H is extremely disturbed. Core liner was destroyed, and the entire core was tranferred section by section to new liner.
Greenish gray, pale olive to pale yellow UNCONSLIDATED BIOCLASTIC PACKSTONE.

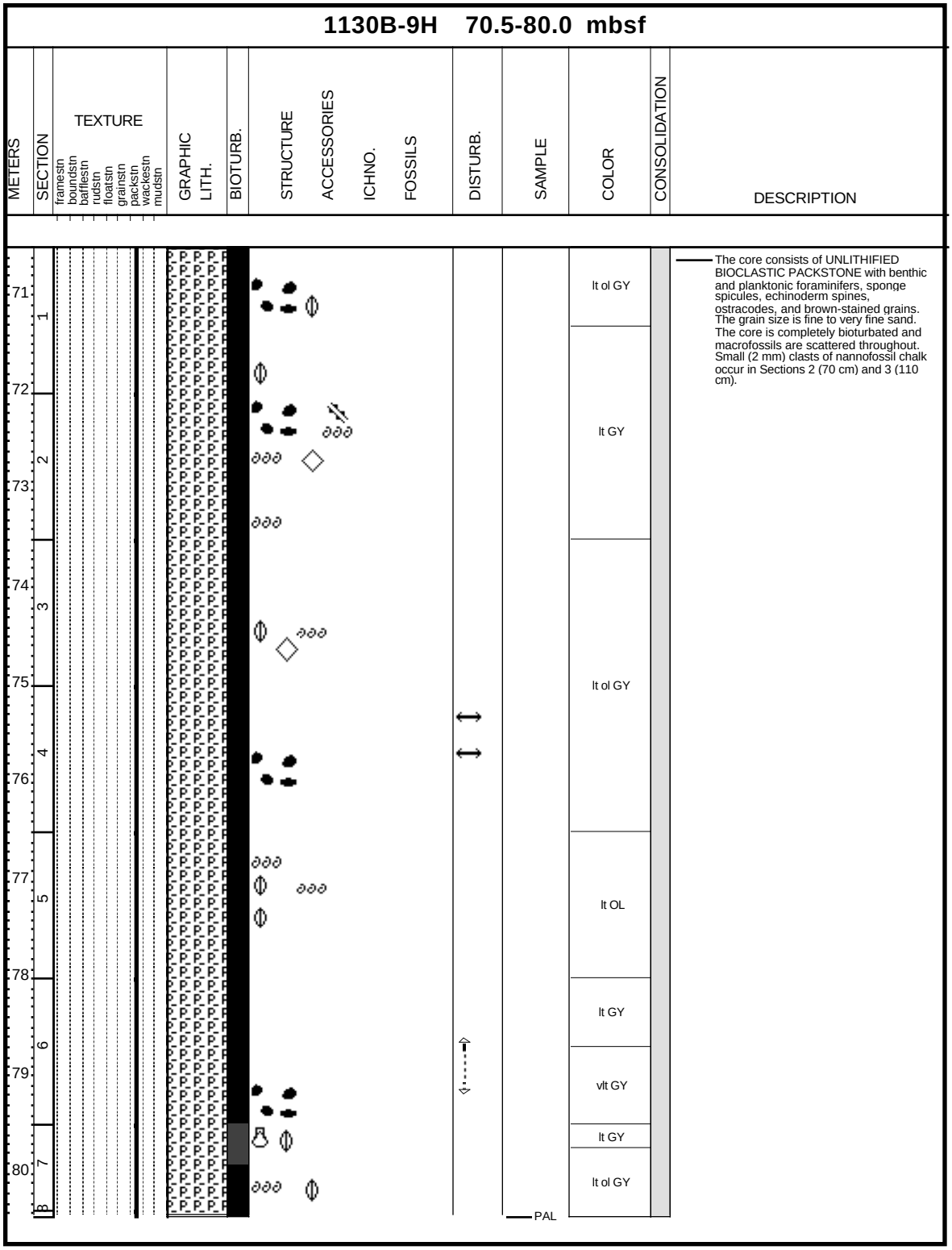
Core Photo


1130B-7H 51.5-61.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
barfliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
52
53
54
55
56
57
58
59
60
1
2
3
4
5
6
7
CC
PAL
lt ol GY
lt GY
lt ol GY
lt GY
lt ol GY
The core consists of a light gray to light olive-gray UNLITHIFIED BIOCLASTIC PACKSTONE. The grain size is fine to very fine sand, and components include benthic and planktonic foraminifers, sponge spicules, echinoderm spines, tunicate spicules, bryozoans and pyrite. The sediment has been completely bioturbated.
Small (2 mm) clast composed of nannofossil chalk.
Large (>2 cm) fragmented shell of a brachiopod.

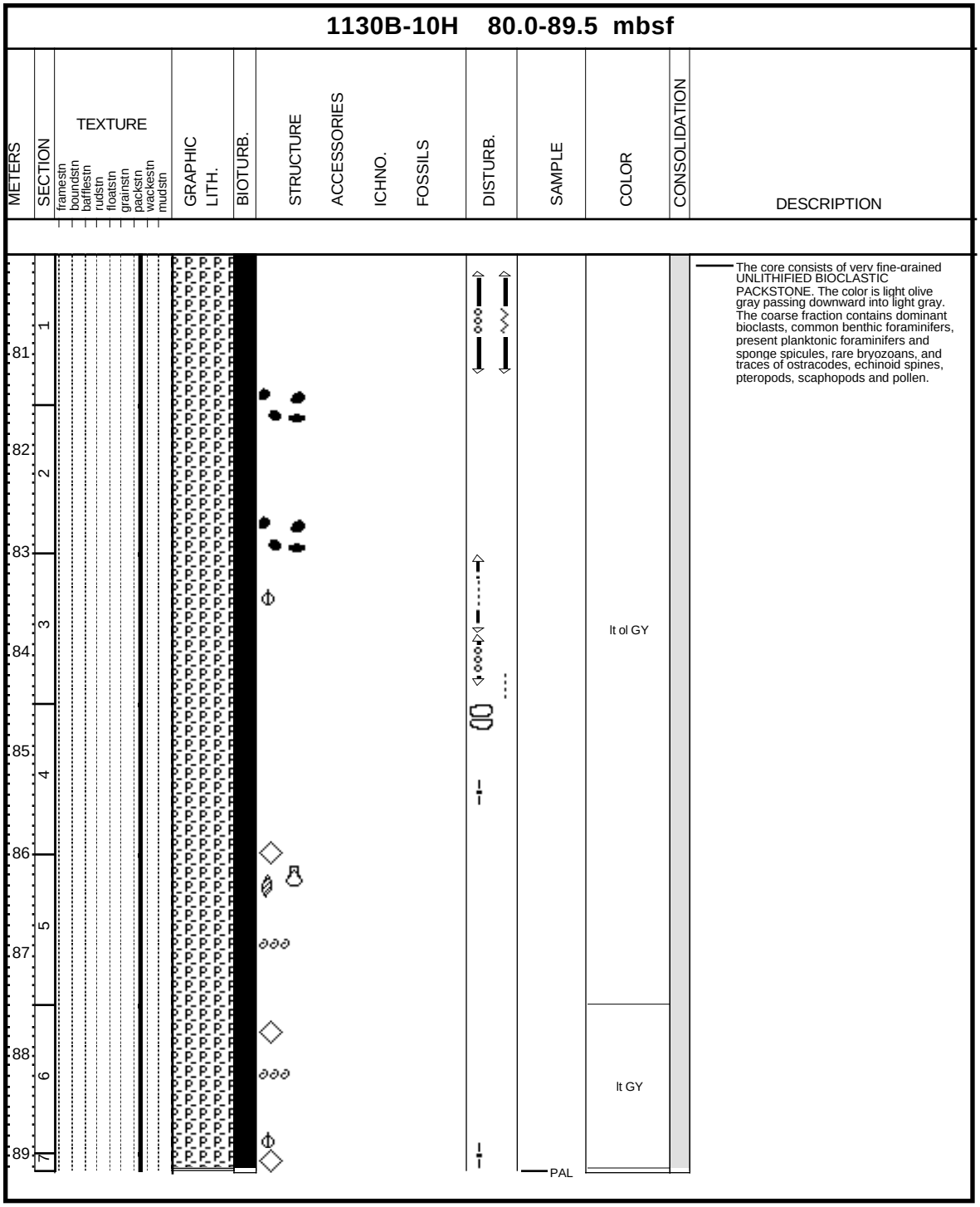
Core Photo


1130B-8H 61.0-70.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
62
63
64
65
66
67
68
69
70
1
2
3
4
5
6
7
8
SS
PAL
pal OL
lt GY
lt ol GY
The core consists of UNLITHIFIED BIOCLASTIC PACKSTONE. The color is pale olive, light olive gray and light gray. The sediment is massive, interpreted as representing total bioturbation. Diffuse mottling occurs scattered, but well-defined trace fossils are absent. The coarse fraction contains dominant to common bioclasts, common benthic foraminifers, common to present planktonic foraminifers, abundant sponge spicules, present echinoid spines, rare tunicate spicules, and traces of bryozoans, ostracodes, and pyrite. The grains are in the very fine sand fraction.
A smear slide of a white intraclast in Section 6, 66 cm, shows dominant nannofossils, abundant bioclasts, common tunicate spicules, present benthic foraminifers, rare ostracodes and diatoms, and traces of clay.

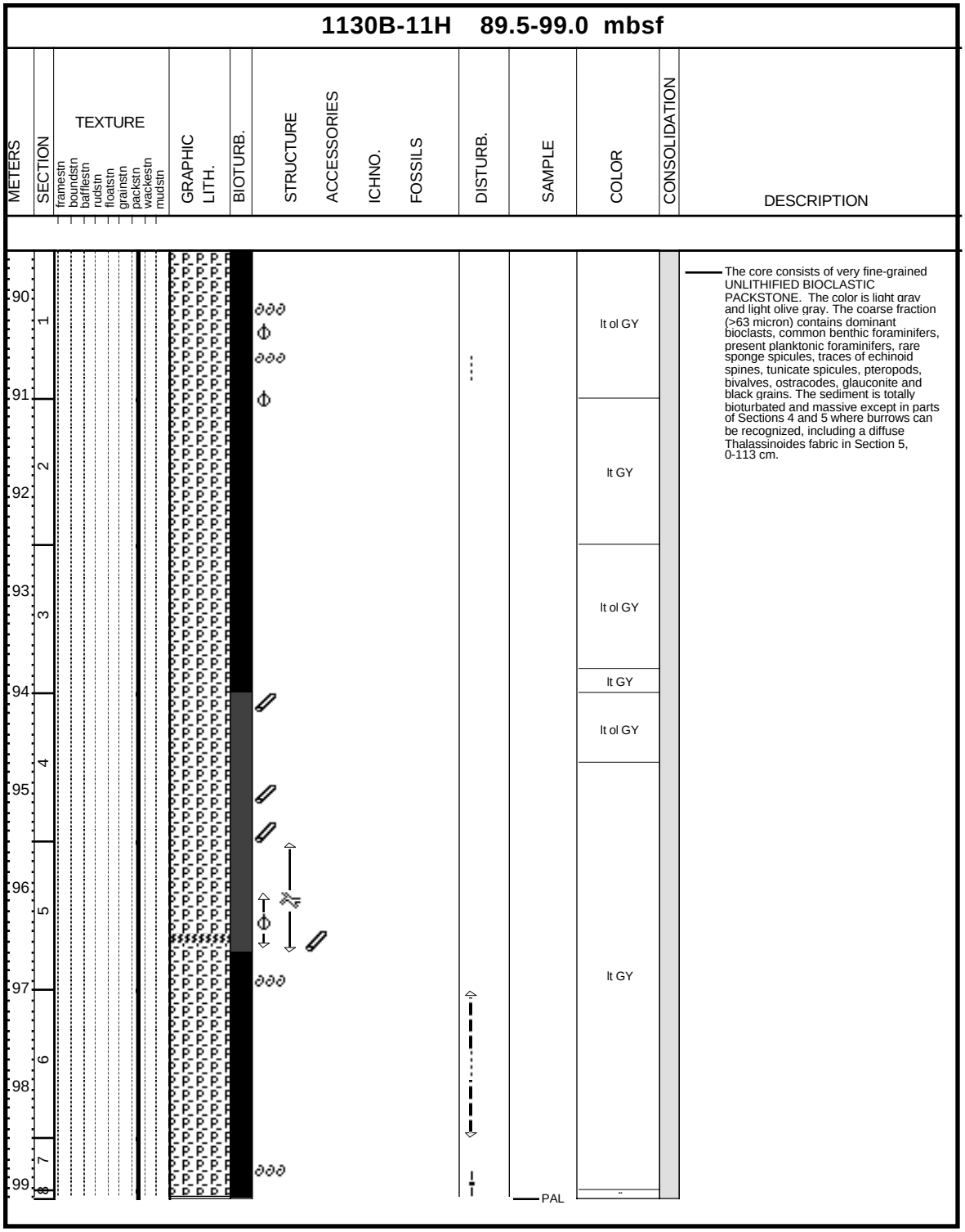
Core Photo


1130B-9H 70.5-80.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
barfliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
71
72
73
74
75
76
77
78
79
80
1
2
3
4
5
6
7
CC
PAL
lt ol GY
lt GY
lt ol GY
lt OL
lt GY
vlt GY
lt GY
lt ol GY
The core consists of UNLITHIFIED BIOCLASTIC PACKSTONE with benthic and planktonic foraminifers, sponge spicules, echinoderm spines, ostracodes, and brown-stained grains. The grain size is fine to very fine sand. The core is completely bioturbated and macrofossils are scattered throughout. Small (2 mm) clasts of nannofossil chalk occur in Sections 2 (70 cm) and 3 (110 cm).

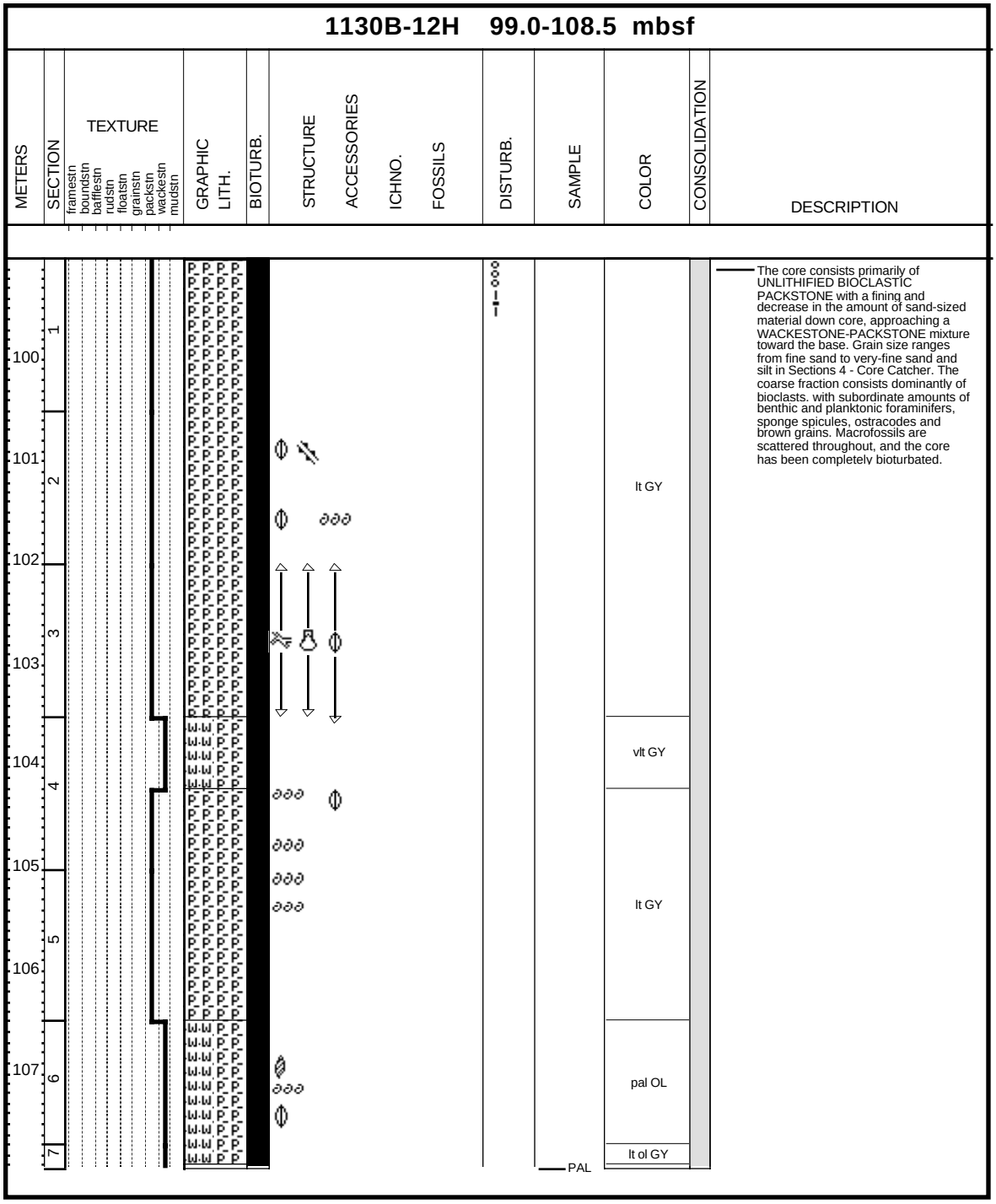
Core Photo


1130B-10H 80.0-89.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
barfllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
81
82
83
84
85
86
87
88
89
1
2
3
4
5
6
7
PAL
lt ol GY
lt GY
The core consists of very fine-grained UNLITHIFIED BIOCLASTIC PACKSTONE. The color is light olive gray passing downward into light gray. The coarse fraction contains dominant bioclasts, common benthic foraminifers, present planktonic foraminifers and sponge spicules, rare bryozoans, and traces of ostracodes, echinoid spines, pteropods, scaphopods and pollen.

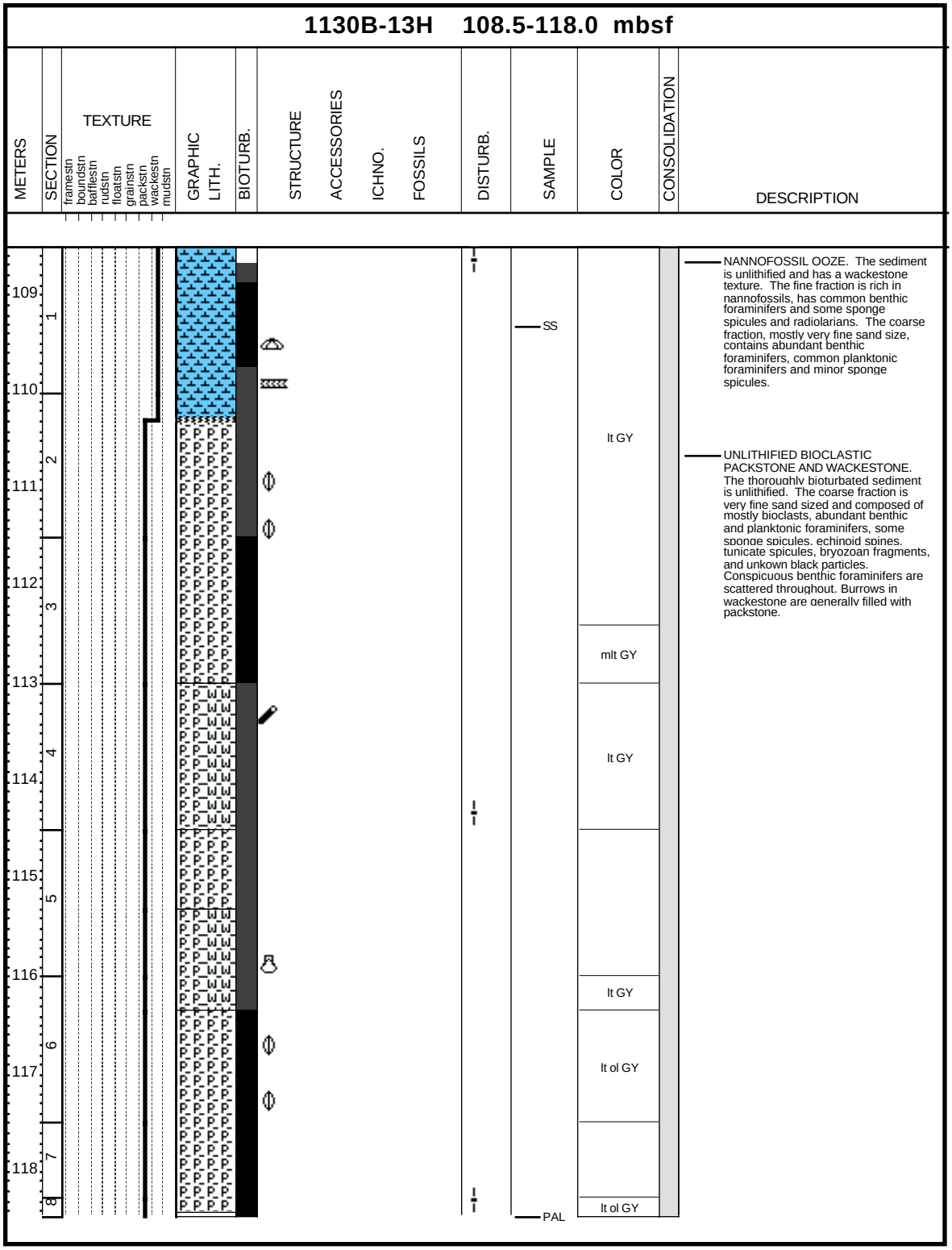
Core Photo


1130B-11H 89.5-99.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
barfliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
90
91
92
93
94
95
96
97
98
99
1
2
3
4
5
6
7
lt ol GY
lt GY
lt ol GY
lt GY
lt ol GY
lt GY
PAL
The core consists of very fine-grained UNLITHIFIED BIOCLASTIC PACKSTONE. The color is light gray and light olive gray. The coarse fraction (>63 micron) contains dominant bioclasts, common benthic foraminifers, present planktonic foraminifers, rare sponge spicules, traces of echinoid spines, tunicate spicules, pteropods, bivalves, ostracodes, glauconite and black grains. The sediment is totally bioturbated and massive except in parts of Sections 4 and 5 where burrows can be recognized, including a diffuse Thalassinoides fabric in Section 5, 0-113 cm.

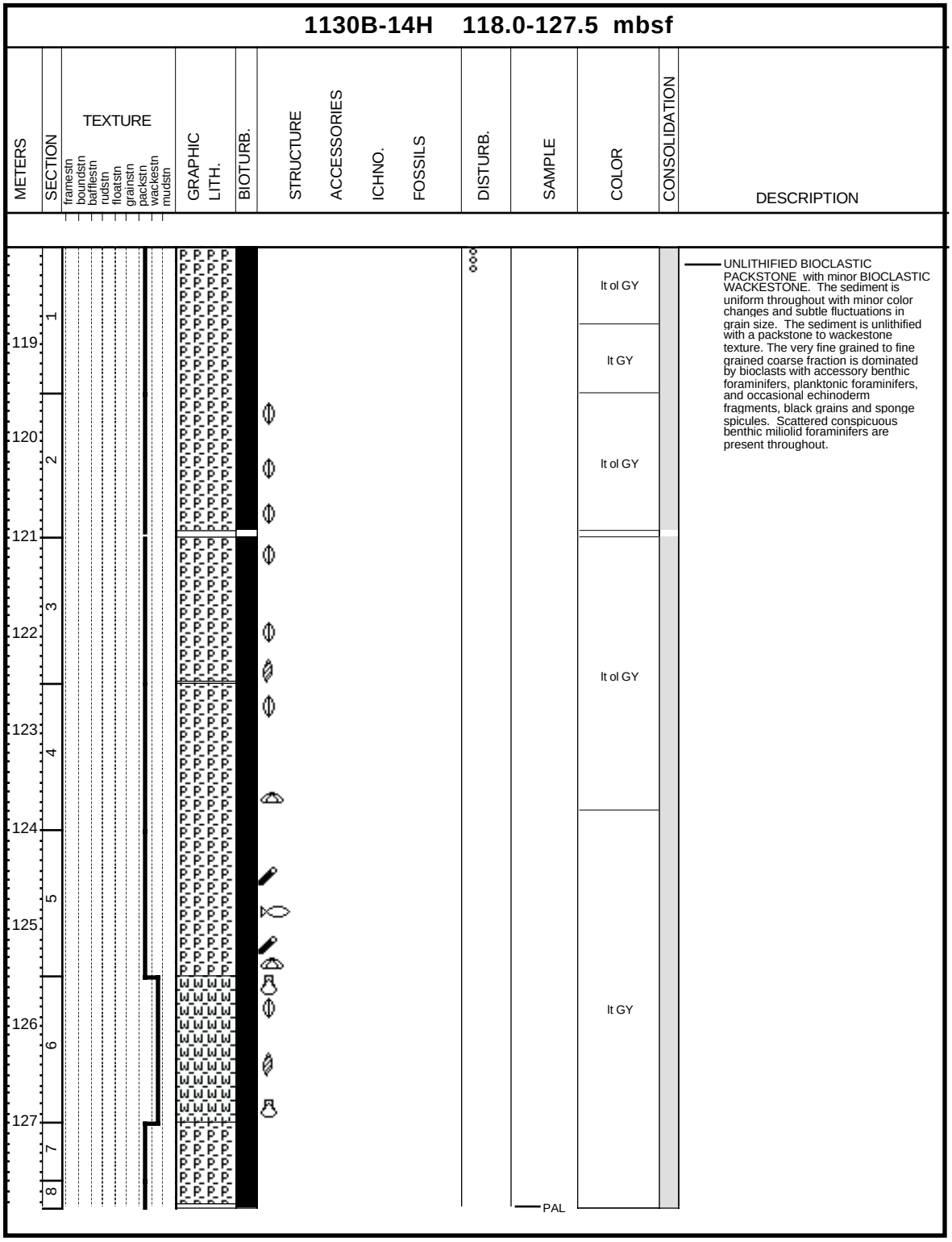
Core Photo


1130B-12H 99.0-108.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
100
101
102
103
104
105
106
107
1
2
3
4
5
6
7
PAL
lt GY
vlt GY
lt GY
pal OL
lt ol GY
The core consists primarily of UNLITHIFIED BIOCLASTIC PACKSTONE with a fining and decrease in the amount of sand-sized material down core, approaching a WACKESTONE-PACKSTONE mixture toward the base. Grain size ranges from fine sand to very-fine sand and silt in Sections 4 - Core Catcher. The coarse fraction consists dominantly of bioclasts. with subordinate amounts of benthic and planktonic foraminifers, sponge spicules, ostracodes and brown grains. Macrofossils are scattered throughout, and the core has been completely bioturbated.

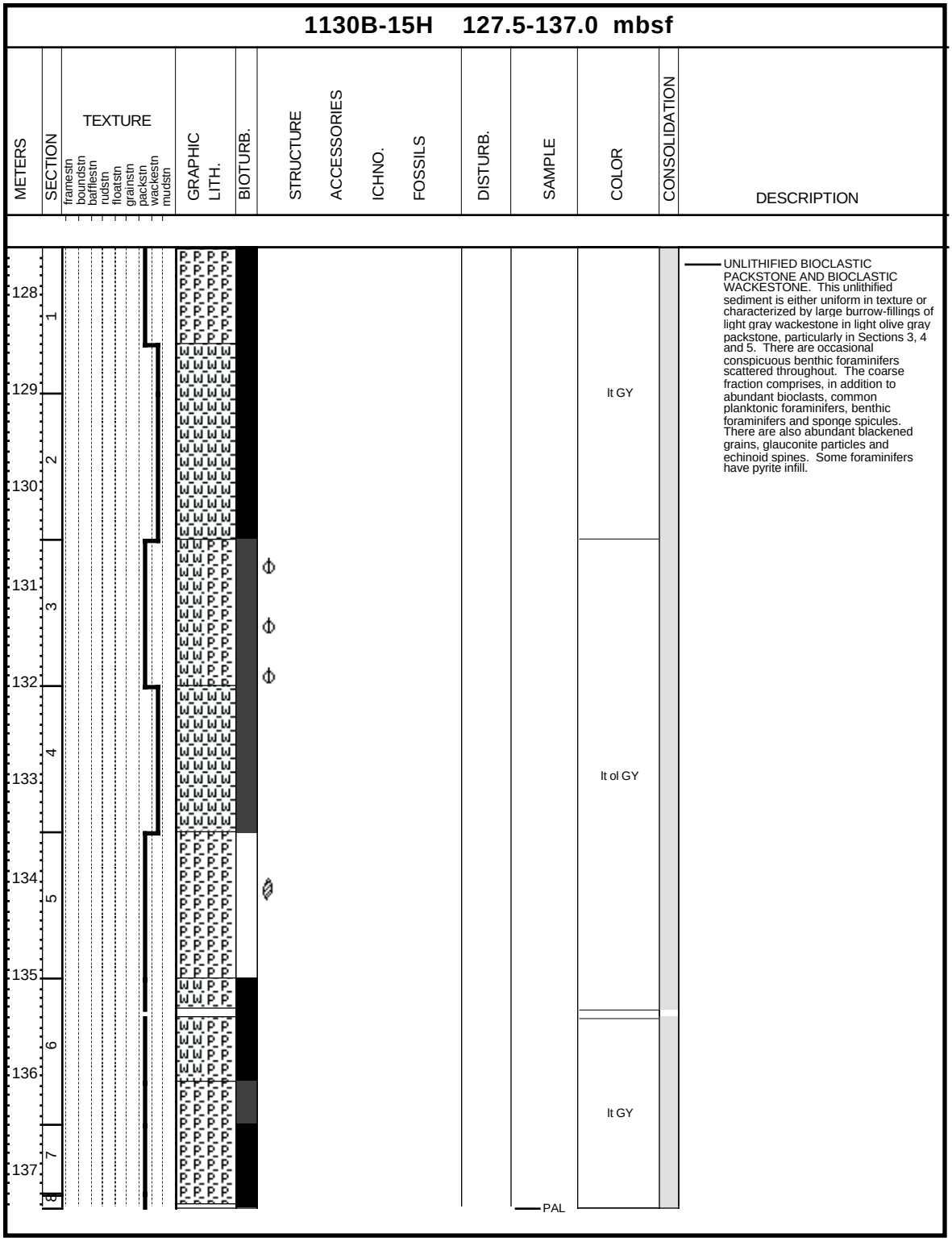
Core Photo


1130B-13H 108.5-118.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
109
110
111
112
113
114
115
116
117
118
1
2
3
4
5
6
7
SS
PAL
lt GY
mlt GY
lt GY
lt GY
lt ol GY
lt ol GY
NANNOFOSSIL OOZE. The sediment is unlithified and has a wackestone texture. The fine fraction is rich in nannofossils, has common benthic foraminifers and some sponge spicules and radiolarians. The coarse fraction, mostly very fine sand size, contains abundant benthic foraminifers, common planktonic foraminifers and minor sponge spicules.
UNLITHIFIED BIOCLASTIC PACKSTONE AND WACKESTONE. The thoroughly bioturbated sediment is unlithified. The coarse fraction is very fine sand sized and composed of mostly bioclasts, abundant benthic and planktonic foraminifers, some sponge spicules, echinoid spines, tunicate spicules, bryozoan fragments, and unkown black particles. Conspicuous benthic foraminifers are scattered throughout. Burrows in wackestone are generally filled with packstone.

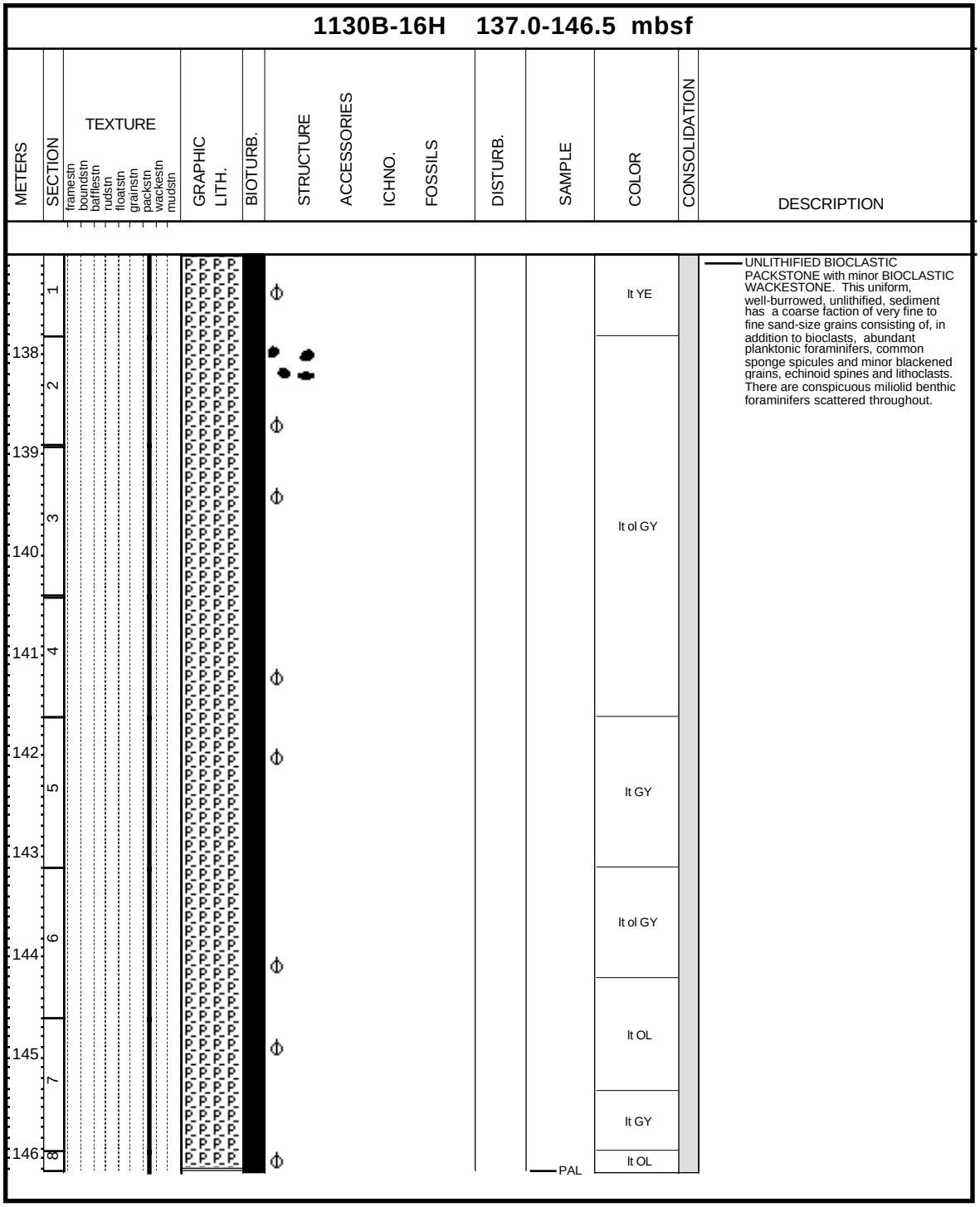
Core Photo


1130B-14H 118.0-127.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
119
120
121
122
123
124
125
126
127
1
2
3
4
5
6
7
8
lt ol GY
lt GY
lt ol GY
lt ol GY
lt GY
PAL
UNLITHIFIED BIOCLASTIC PACKSTONE with minor BIOCLASTIC WACKESTONE. The sediment is uniform throughout with minor color changes and subtle fluctuations in grain size. The sediment is unlithified with a packstone to wackestone texture. The very fine grained to fine grained coarse fraction is dominated by bioclasts with accessory benthic foraminifers, planktonic foraminifers, and occasional echinoderm fragments, black grains and sponge spicules. Scattered conspicuous benthic miliolid foraminifers are present throughout.

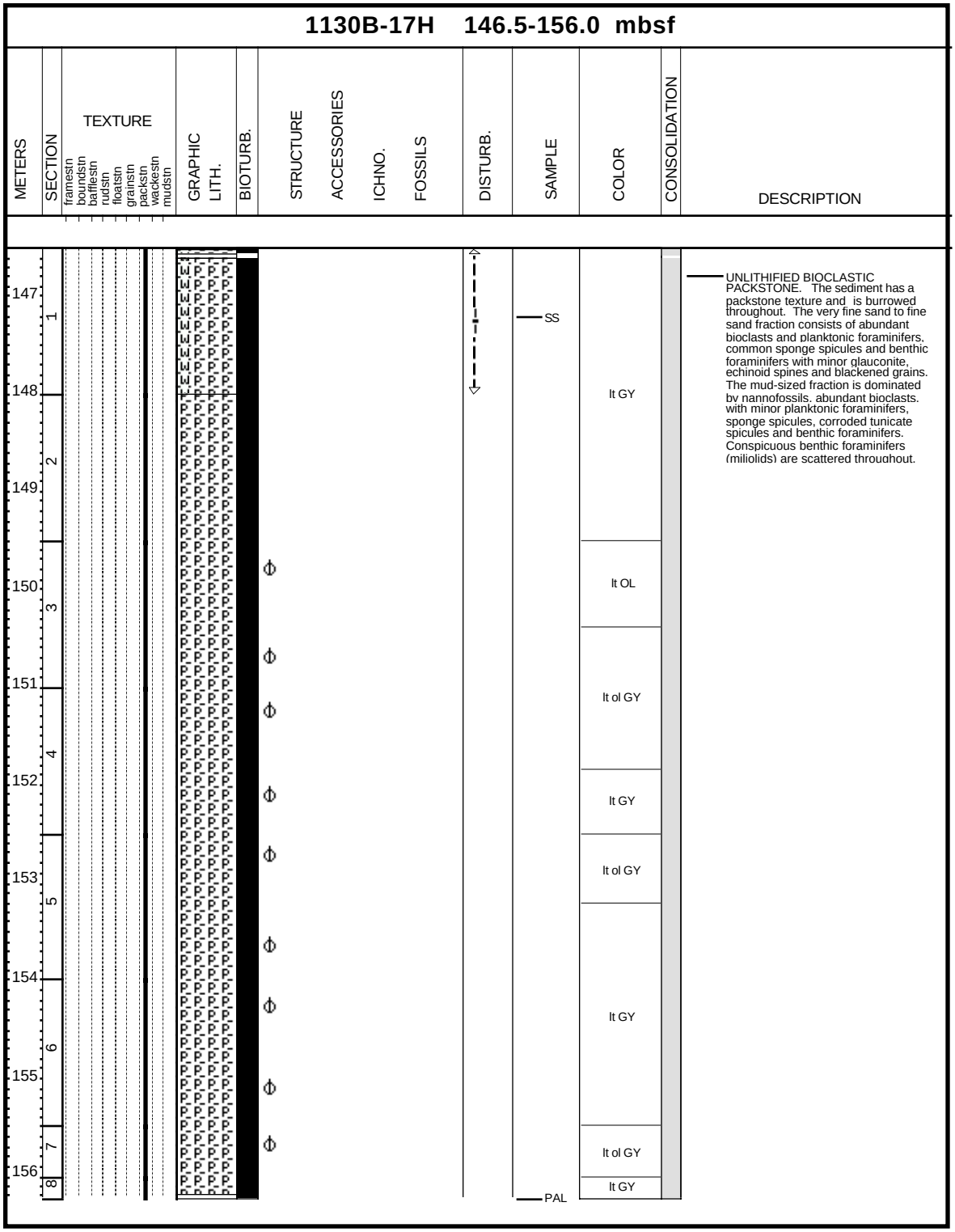
Core Photo


1130B-15H 127.5-137.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
128
129
130
131
132
133
134
135
136
137
1
2
3
4
5
6
7
CC
lt GY
lt ol GY
lt GY
PAL
UNLITHIFIED BIOCLASTIC PACKSTONE AND BIOCLASTIC WACKESTONE. This unlithified sediment is either uniform in texture or characterized by large burrow-fillings of light gray wackestone in light olive gray packstone, particularly in Sections 3, 4 and 5. There are occasional conspicuous benthic foraminifers scattered throughout. The coarse fraction comprises, in addition to abundant bioclasts, common planktonic foraminifers, benthic foraminifers and sponge spicules. There are also abundant blackened grains, glauconite particles and echinoid spines. Some foraminifers have pyrite infill.

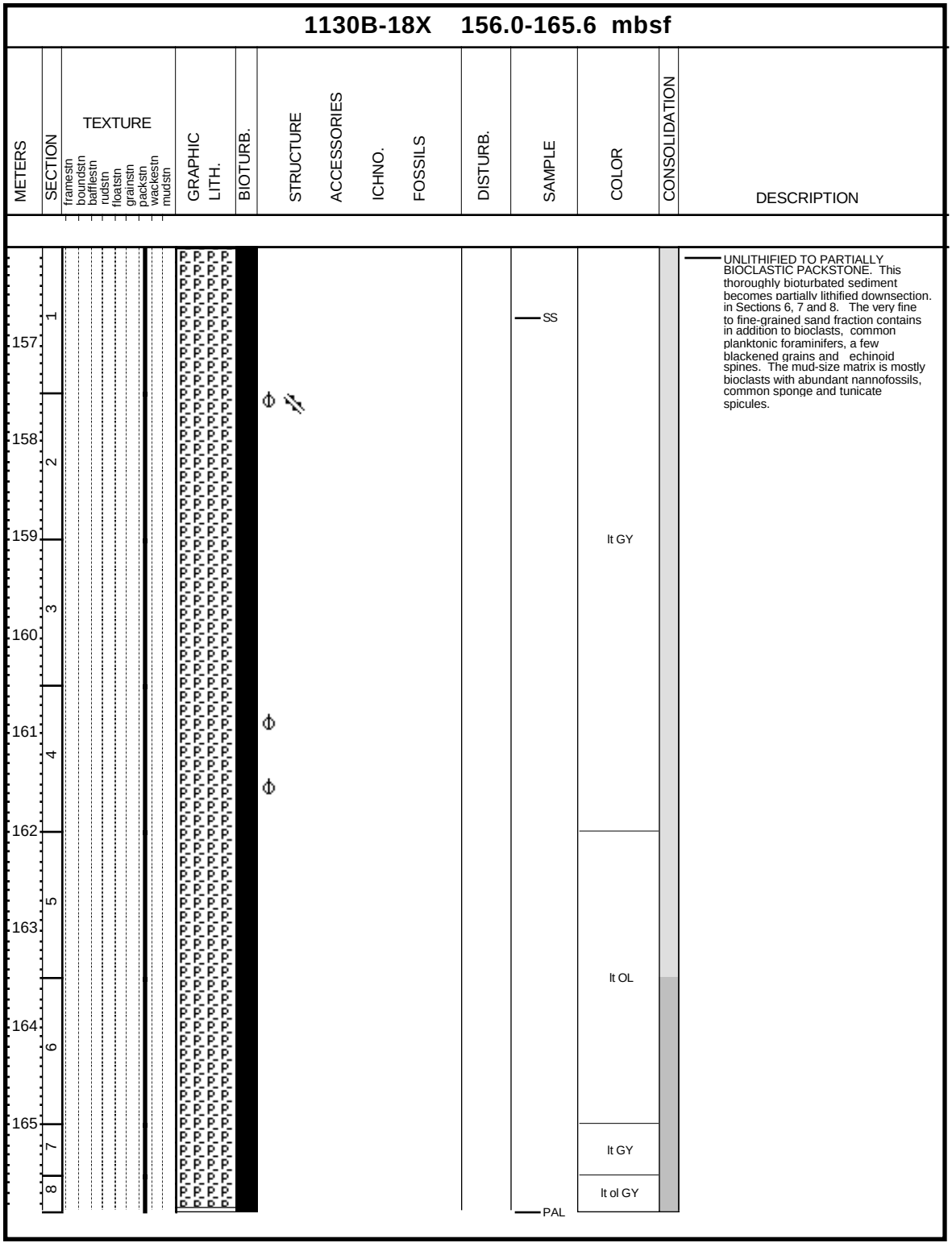
Core Photo


1130B-16H 137.0-146.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
138
139
140
141
142
143
144
145
146
1
2
3
4
5
6
7
8
PAL
lt YE
lt ol GY
lt GY
lt ol GY
lt OL
lt GY
lt OL
UNLITHIFIED BIOCLASTIC PACKSTONE with minor BIOCLASTIC WACKESTONE. This uniform, well-burrowed, unlithified, sediment has a coarse faction of very fine to fine sand-size grains consisting of, in addition to bioclasts, abundant planktonic foraminifers, common sponge spicules and minor blackened grains, echinoid spines and lithoclasts. There are conspicuous miliolid benthic foraminifers scattered throughout.

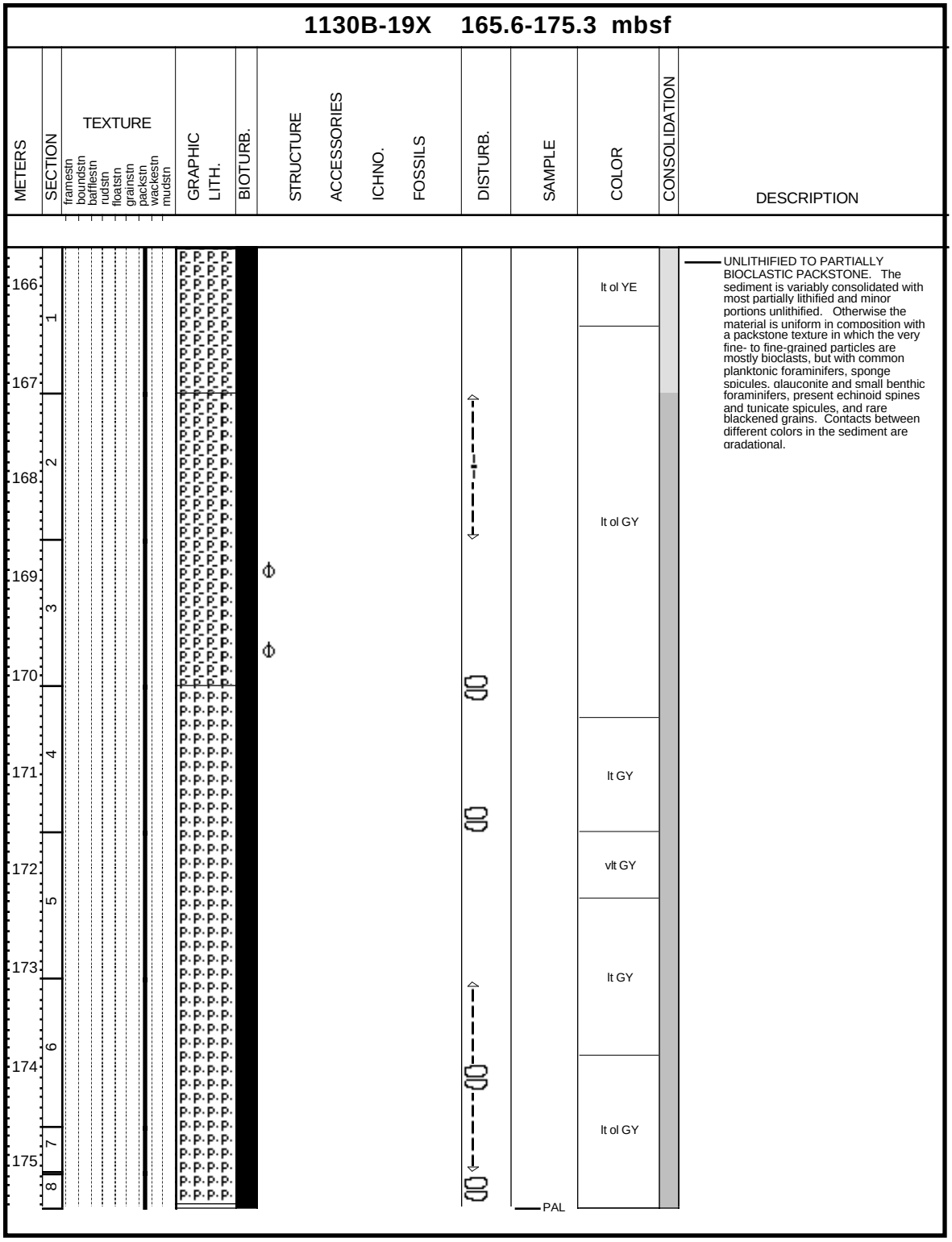
Core Photo


1130B-17H 146.5-156.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
147
148
149
150
151
152
153
154
155
156
1
2
3
4
5
6
7
8
SS
PAL
lt GY
lt OL
lt ol GY
lt GY
lt ol GY
lt GY
lt ol GY
lt GY
UNLITHIFIED BIOCLASTIC PACKSTONE. The sediment has a packstone texture and is burrowed throughout. The very fine sand to fine sand fraction consists of abundant bioclasts and planktonic foraminifers, common sponge spicules and benthic foraminifers with minor glauconite, echinoid spines and blackened grains. The mud-sized fraction is dominated by nannofossils, abundant bioclasts, with minor planktonic foraminifers, sponge spicules, corroded tunicate spicules and benthic foraminifers. Conspicuous benthic foraminifers (miliolids) are scattered throughout.

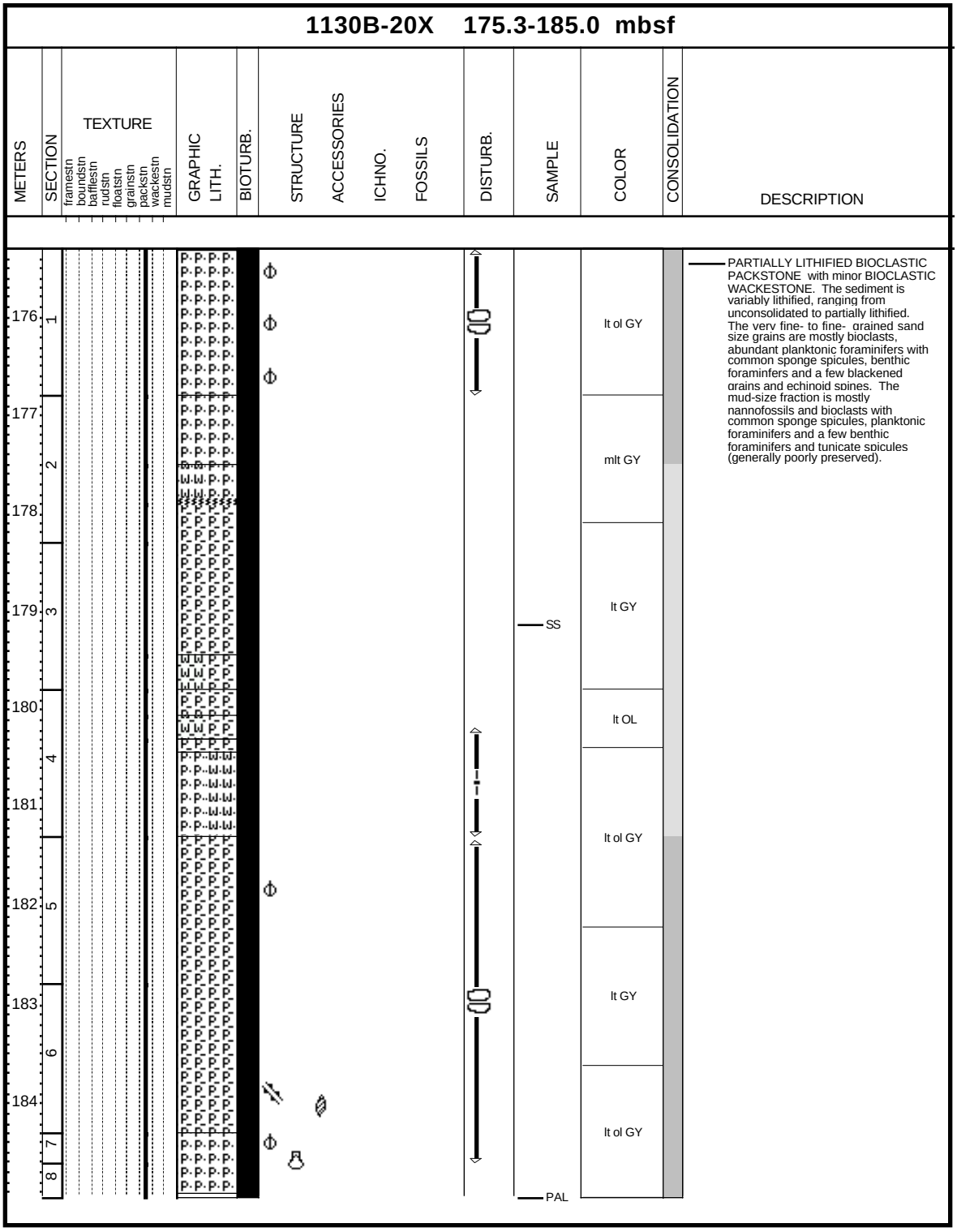
Core Photo


1130B-18X 156.0-165.6 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
157
158
159
160
161
162
163
164
165
1
2
3
4
5
6
7
8
SS
PAL
lt GY
lt OL
lt GY
lt ol GY
UNLITHIFIED TO PARTIALLY BIOCLASTIC PACKSTONE. This thoroughly bioturbated sediment becomes partially lithified downsection. in Sections 6, 7 and 8. The very fine to fine-grained sand fraction contains in addition to bioclasts, common planktonic foraminifers, a few blackened grains and echinoid spines. The mud-size matrix is mostly bioclasts with abundant nannofossils, common sponge and tunicate spicules.

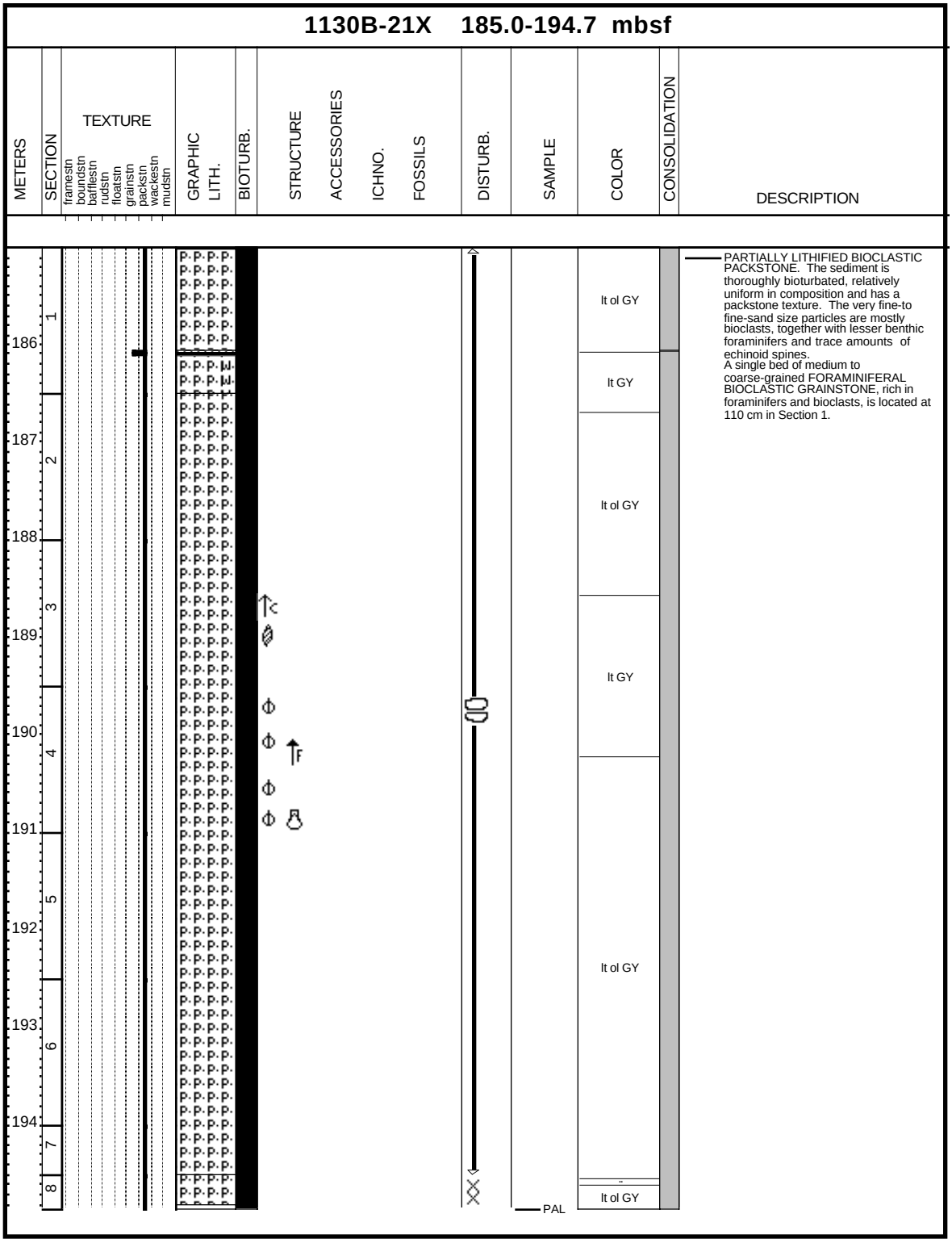
Core Photo


1130B-19X 165.6-175.3 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
166
167
168
169
170
171
172
173
174
175
1
2
3
4
5
6
7
8
lt ol YE
lt ol GY
lt GY
vlt GY
lt GY
lt ol GY
PAL
UNLITHIFIED TO PARTIALLY BIOCLASTIC PACKSTONE. The sediment is variably consolidated with most partially lithified and minor portions unlithified. Otherwise the material is uniform in composition with a packstone texture in which the very fine- to fine-grained particles are mostly bioclasts, but with common planktonic foraminifers, sponge spicules, glauconite and small benthic foraminifers, present echinoid spines and tunicate spicules, and rare blackened grains. Contacts between different colors in the sediment are gradational.

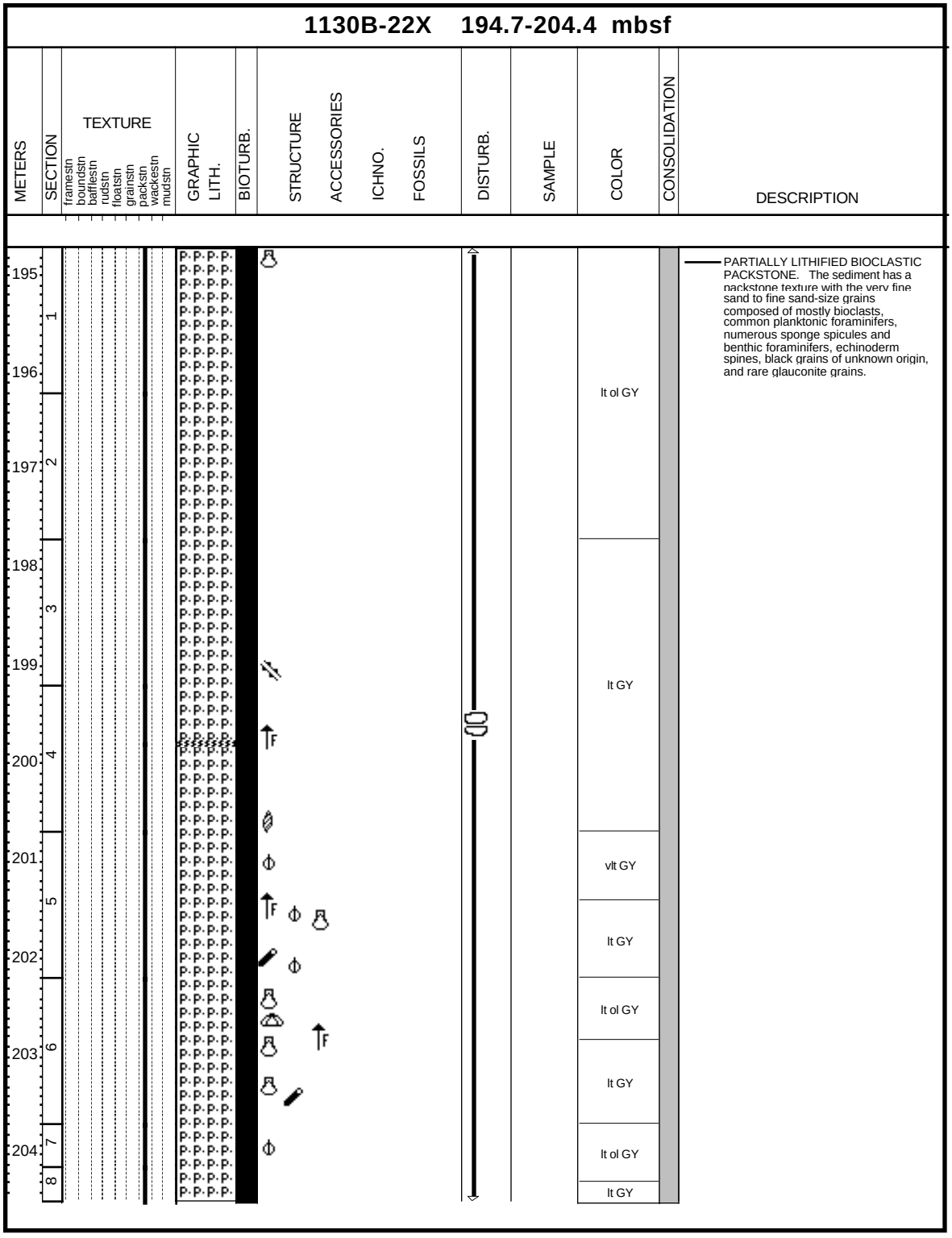
Core Photo


1130B-20X 175.3-185.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
176
177
178
179
180
181
182
183
184
1
2
3
4
5
6
7
8
SS
PAL
lt ol GY
mlt GY
lt GY
lt OL
lt ol GY
lt GY
lt ol GY
PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE with minor BIOCLASTIC WACKESTONE. The sediment is variably lithified, ranging from unconsolidated to partially lithified. The very fine- to fine- grained sand size grains are mostly bioclasts, abundant planktonic foraminifers with common sponge spicules, benthic foraminfers and a few blackened grains and echinoid spines. The mud-size fraction is mostly nannofossils and bioclasts with common sponge spicules, planktonic foraminifers and a few benthic foraminifers and tunicate spicules (generally poorly preserved).

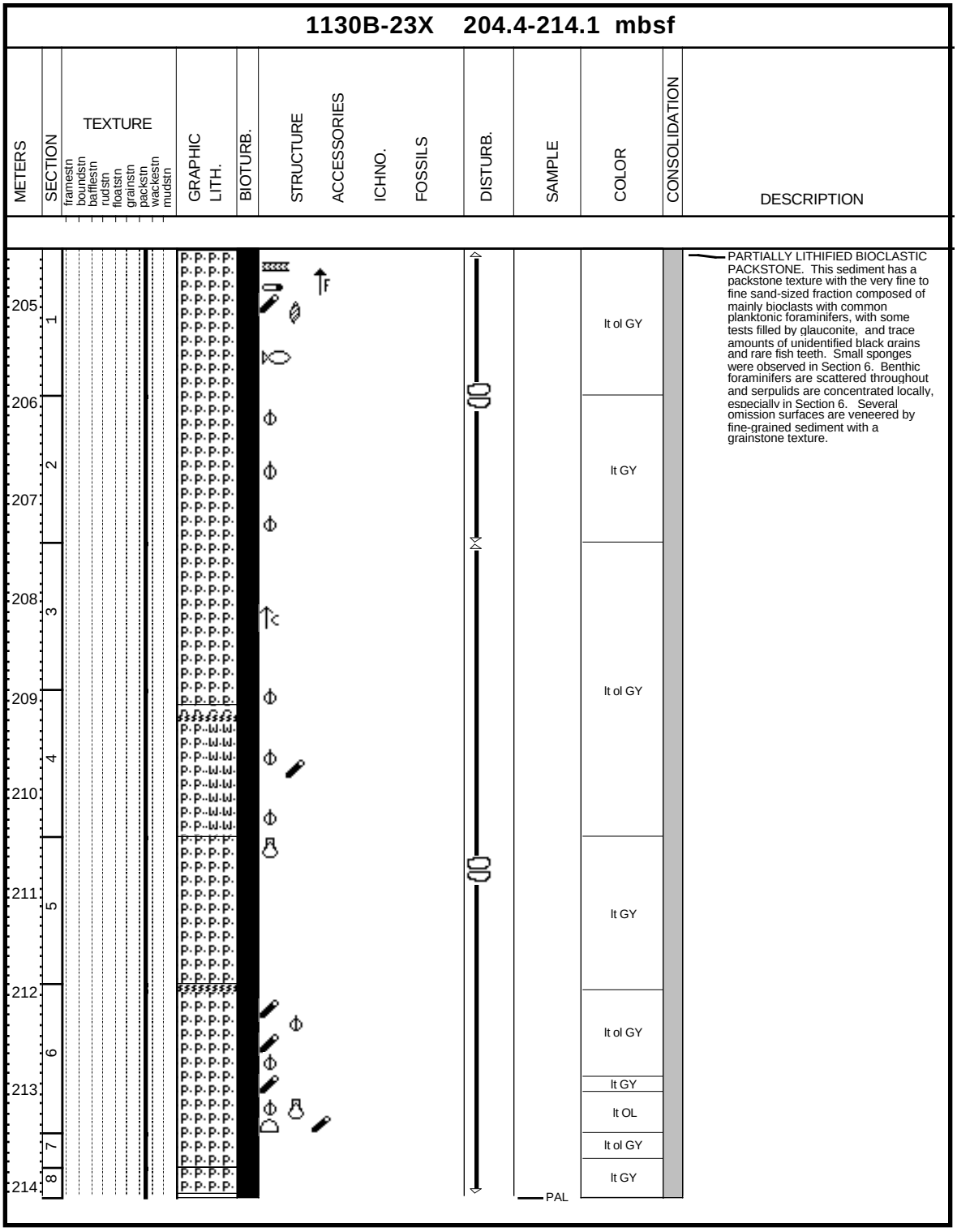
Core Photo


1130B-21X 185.0-194.7 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
186
187
188
189
190
191
192
193
194
1
2
3
4
5
6
7
8
lt ol GY
lt GY
lt ol GY
lt GY
lt ol GY
lt ol GY
PAL
PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE. The sediment is thoroughly bioturbated, relatively uniform in composition and has a packstone texture. The very fine-to fine-sand size particles are mostly bioclasts, together with lesser benthic foraminifers and trace amounts of echinoid spines.
A single bed of medium to coarse-grained FORAMINIFERAL BIOCLASTIC GRAINSTONE, rich in foraminifers and bioclasts, is located at 110 cm in Section 1.

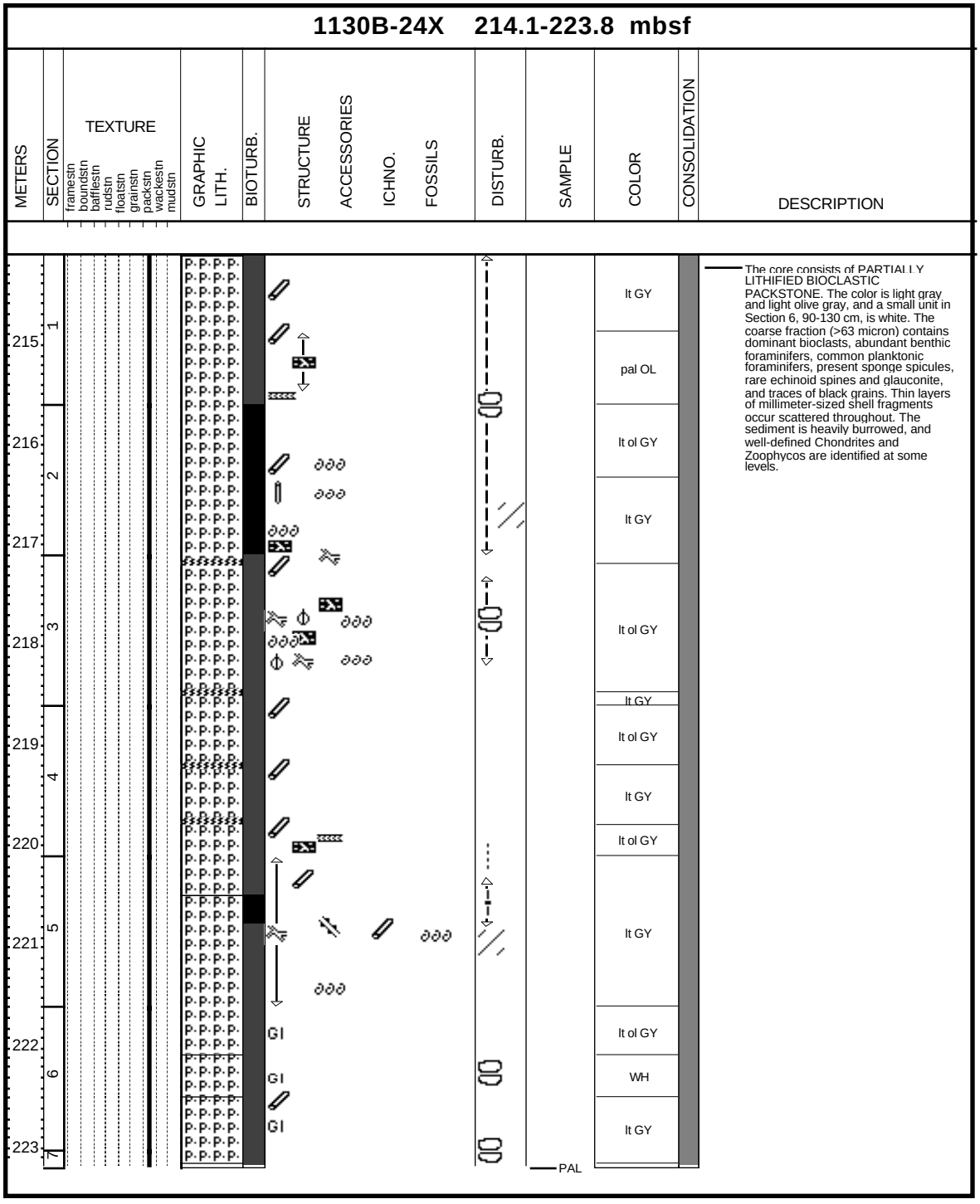
Core Photo


1130B-22X 194.7-204.4 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
195
196
197
198
199
200
201
202
203
204
1
2
3
4
5
6
7
8
F
lt ol GY
lt GY
vlt GY
lt GY
lt ol GY
lt GY
lt ol GY
lt GY
PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE. The sediment has a packstone texture with the very fine sand to fine sand-size grains composed of mostly bioclasts, common planktonic foraminifers, numerous sponge spicules and benthic foraminifers, echinoderm spines, black grains of unknown origin, and rare glauconite grains.

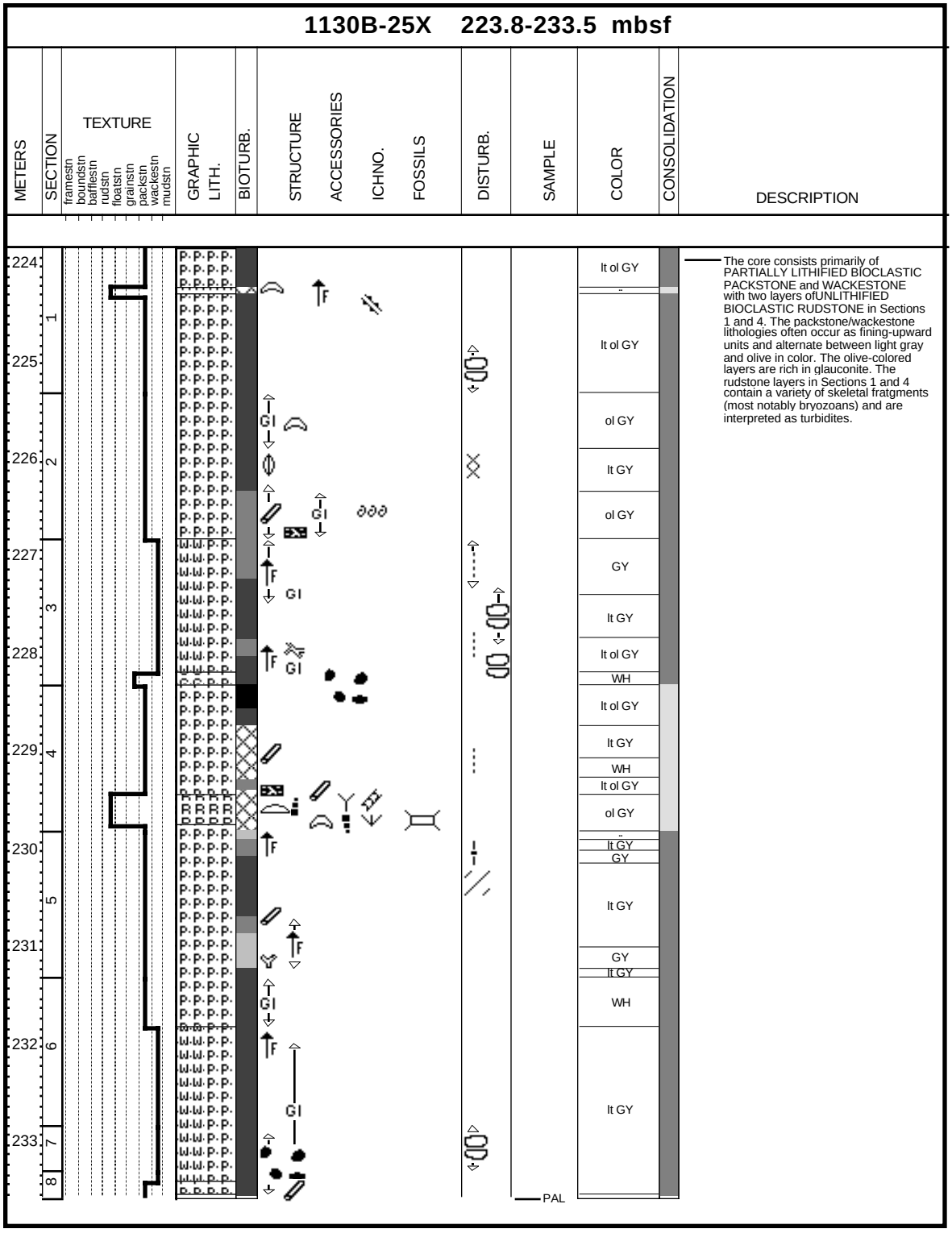
Core Photo


1130B-23X 204.4-214.1 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
205
206
207
208
209
210
211
212
213
214
1
2
3
4
5
6
7
8
PAL
lt ol GY
lt GY
lt ol GY
lt GY
lt ol GY
lt GY
lt OL
lt ol GY
lt GY
PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE. This sediment has a packstone texture with the very fine to fine sand-sized fraction composed of mainly bioclasts with common planktonic foraminifers, with some tests filled by glauconite, and trace amounts of unidentified black grains and rare fish teeth. Small sponges were observed in Section 6. Benthic foraminifers are scattered throughout and serpulids are concentrated locally, especially in Section 6. Several omission surfaces are veneered by fine-grained sediment with a grainstone texture.

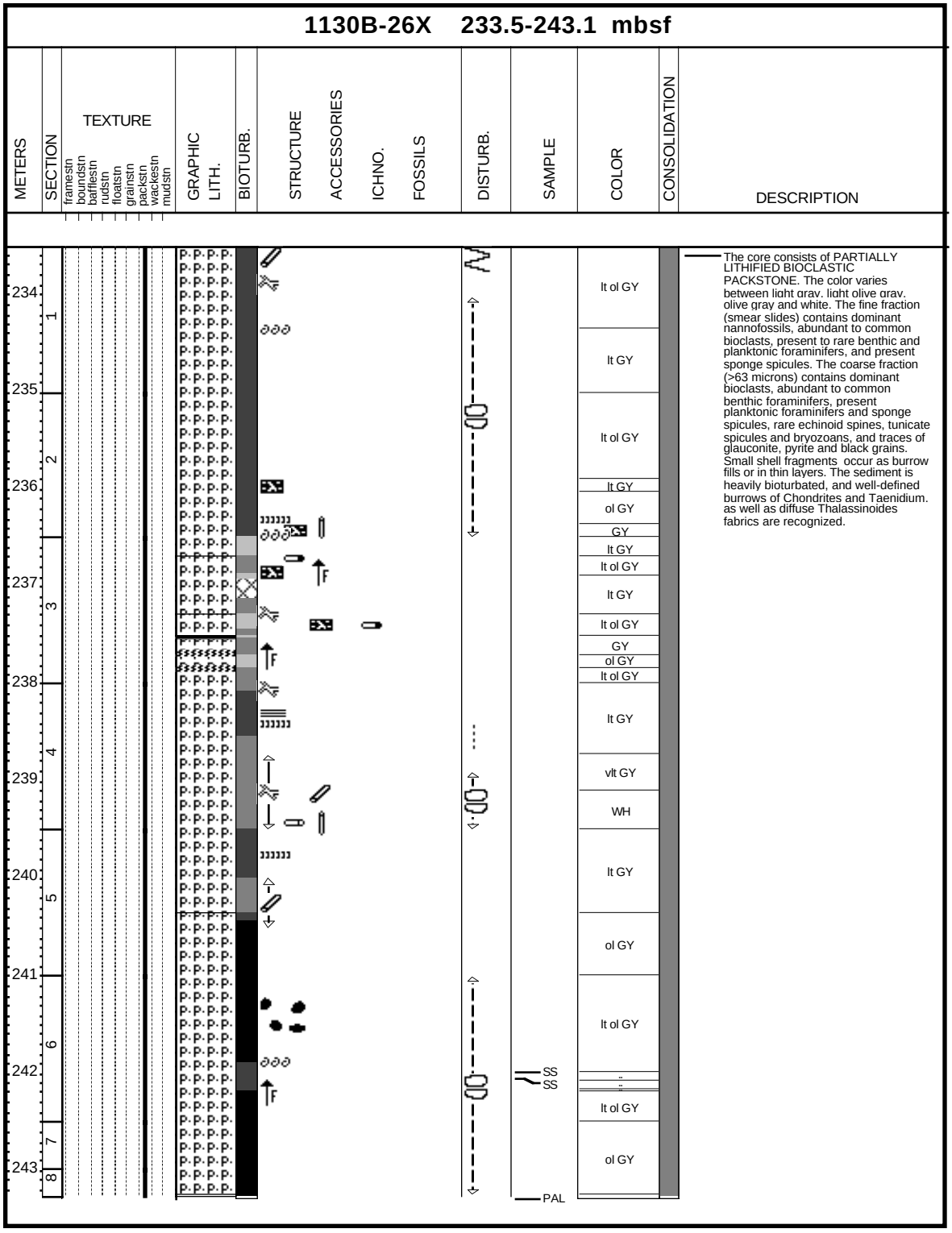
Core Photo


1130B-24X 214.1-223.8 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
215
216
217
218
219
220
221
222
223
1
2
3
4
5
6
7
GI
GI
GI
PAL
lt GY
pal OL
lt ol GY
lt GY
lt ol GY
lt GY
lt ol GY
lt GY
lt ol GY
lt GY
WH
lt GY
The core consists of PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE. The color is light gray and light olive gray, and a small unit in Section 6, 90-130 cm, is white. The coarse fraction (>63 micron) contains dominant bioclasts, abundant benthic foraminifers, common planktonic foraminifers, present sponge spicules, rare echinoid spines and glauconite, and traces of black grains. Thin layers of millimeter-sized shell fragments occur scattered throughout. The sediment is heavily burrowed, and well-defined Chondrites and Zoophycos are identified at some levels.

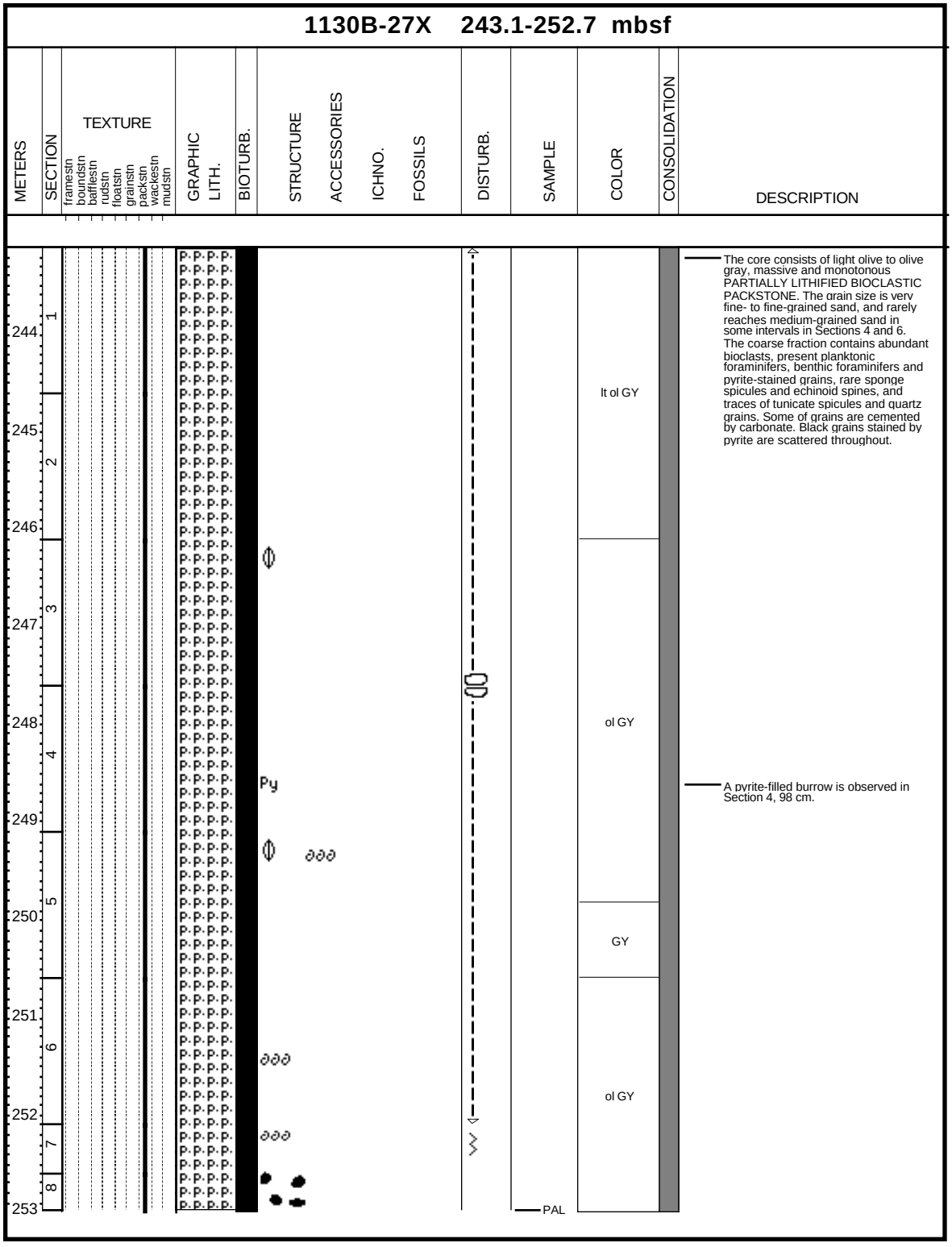
Core Photo


1130B-25X 223.8-233.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
224
225
226
227
228
229
230
231
232
233
1
2
3
4
5
6
7
8
lt ol GY
lt ol GY
ol GY
lt GY
ol GY
GY
lt GY
lt ol GY
WH
lt ol GY
lt GY
WH
lt ol GY
ol GY
lt GY
GY
lt GY
GY
lt GY
WH
lt GY
PAL
The core consists primarily of PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE and WACKESTONE with two layers ofUNLITHIFIED BIOCLASTIC RUDSTONE in Sections 1 and 4. The packstone/wackestone lithologies often occur as fining-upward units and alternate between light gray and olive in color. The olive-colored layers are rich in glauconite. The rudstone layers in Sections 1 and 4 contain a variety of skeletal fratgments (most notably bryozoans) and are interpreted as turbidites.

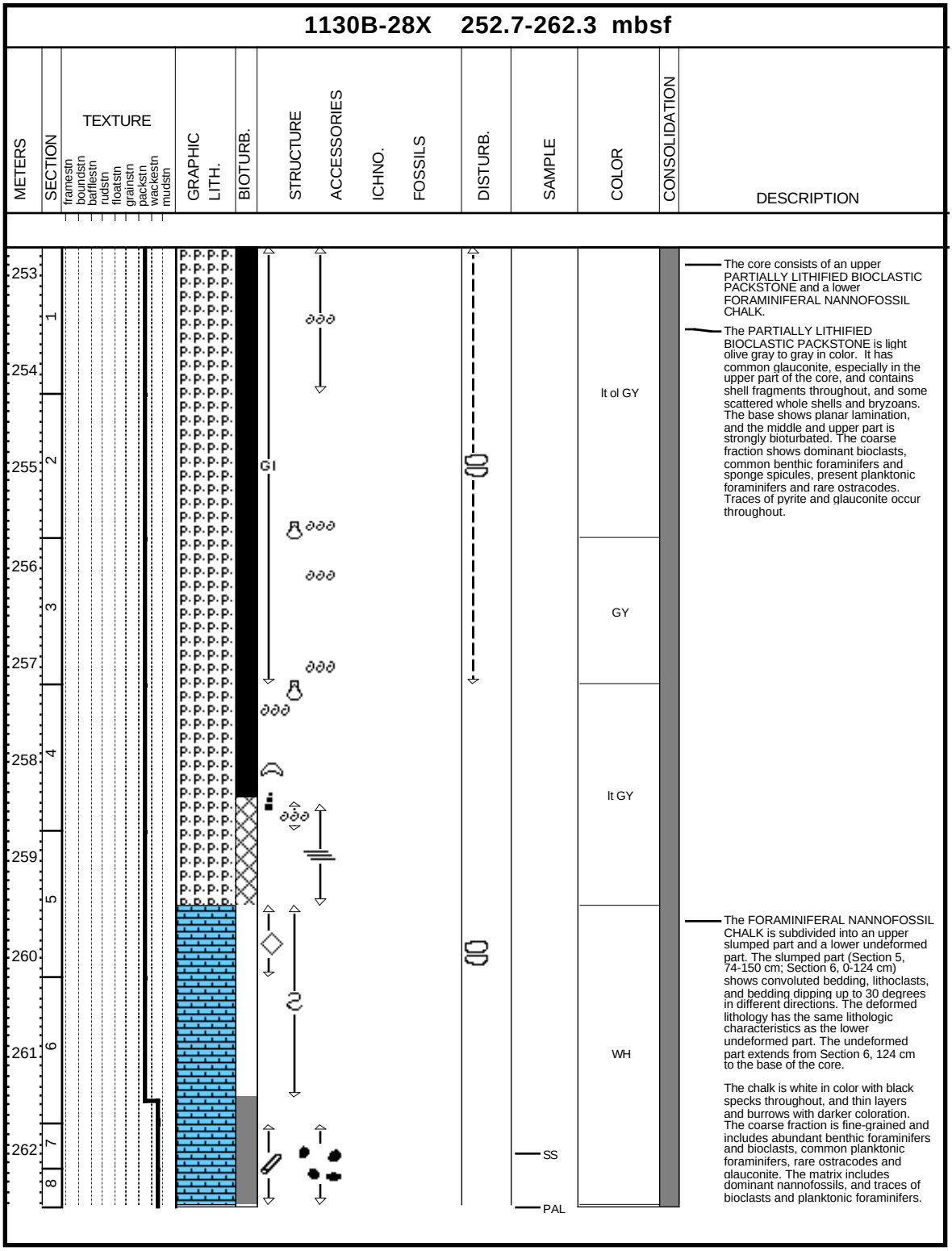
Core Photo


1130B-26X 233.5-243.1 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
234
235
236
237
238
239
240
241
242
243
1
2
3
4
5
6
7
8
lt ol GY
lt GY
lt ol GY
lt GY
ol GY
GY
lt GY
lt ol GY
lt GY
lt ol GY
GY
ol GY
lt ol GY
lt GY
vlt GY
WH
lt GY
ol GY
lt ol GY
lt ol GY
ol GY
SS
SS
PAL
The core consists of PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE. The color varies between light grav. light olive grav. olive gray and white. The fine fraction (smear slides) contains dominant nannofossils, abundant to common bioclasts, present to rare benthic and planktonic foraminifers, and present sponge spicules. The coarse fraction (>63 microns) contains dominant bioclasts, abundant to common benthic foraminifers, present planktonic foraminifers and sponge spicules, rare echinoid spines, tunicate spicules and bryozoans, and traces of glauconite, pyrite and black grains. Small shell fragments occur as burrow fills or in thin layers. The sediment is heavily bioturbated, and well-defined burrows of Chondrites and Taenidium. as well as diffuse Thalassinoides fabrics are recognized.

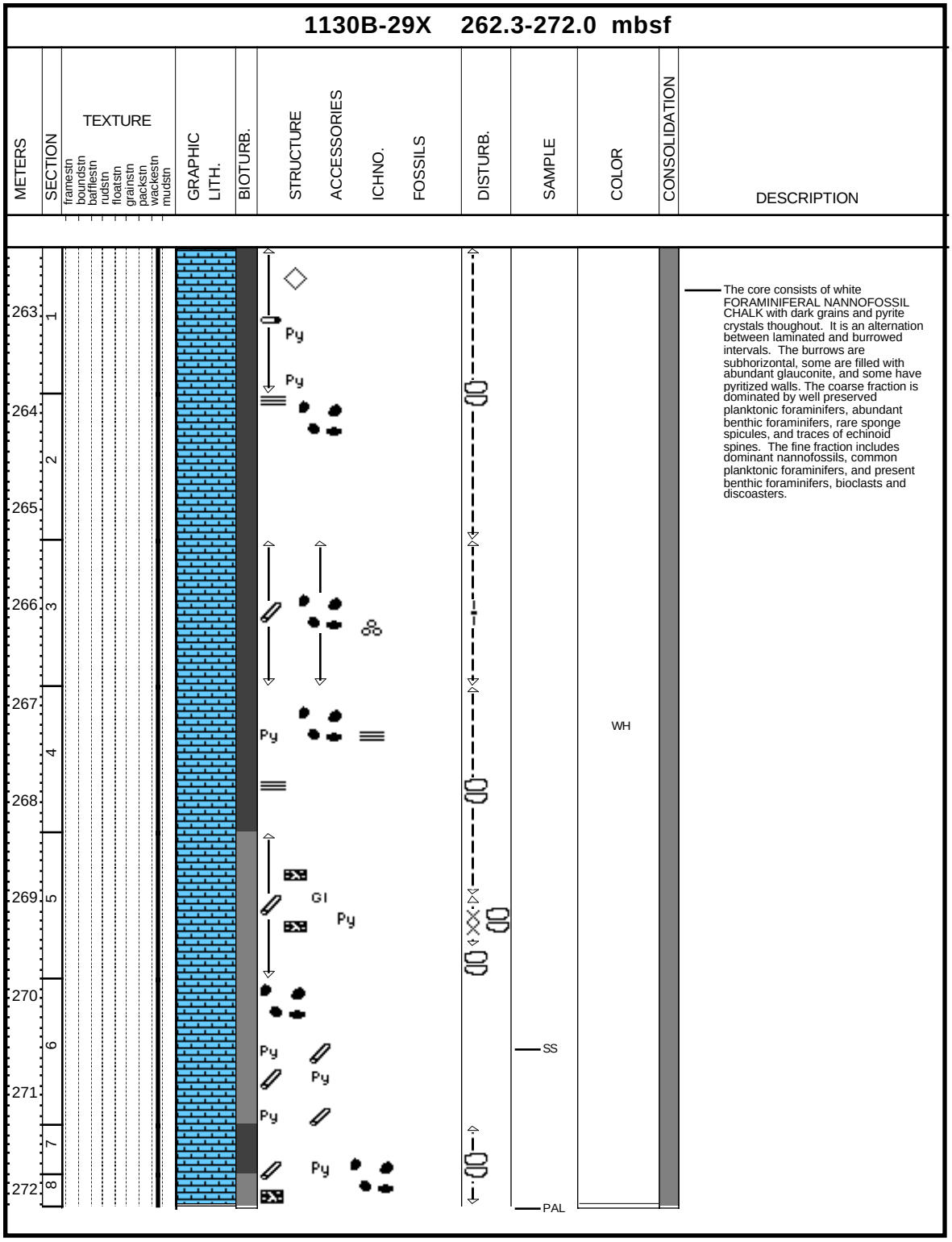
Core Photo


1130B-27X 243.1-252.7 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
244
245
246
247
248
249
250
251
252
253
1
2
3
4
5
6
7
8
Py
PAL
lt ol GY
ol GY
GY
ol GY
The core consists of light olive to olive gray, massive and monotonous PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE. The grain size is very fine- to fine-grained sand, and rarely reaches medium-grained sand in some intervals in Sections 4 and 6. The coarse fraction contains abundant bioclasts, present planktonic foraminifers, benthic foraminifers and pyrite-stained grains, rare sponge spicules and echinoid spines, and traces of tunicate spicules and quartz grains. Some of grains are cemented by carbonate. Black grains stained by pyrite are scattered throughout.
A pyrite-filled burrow is observed in Section 4, 98 cm.

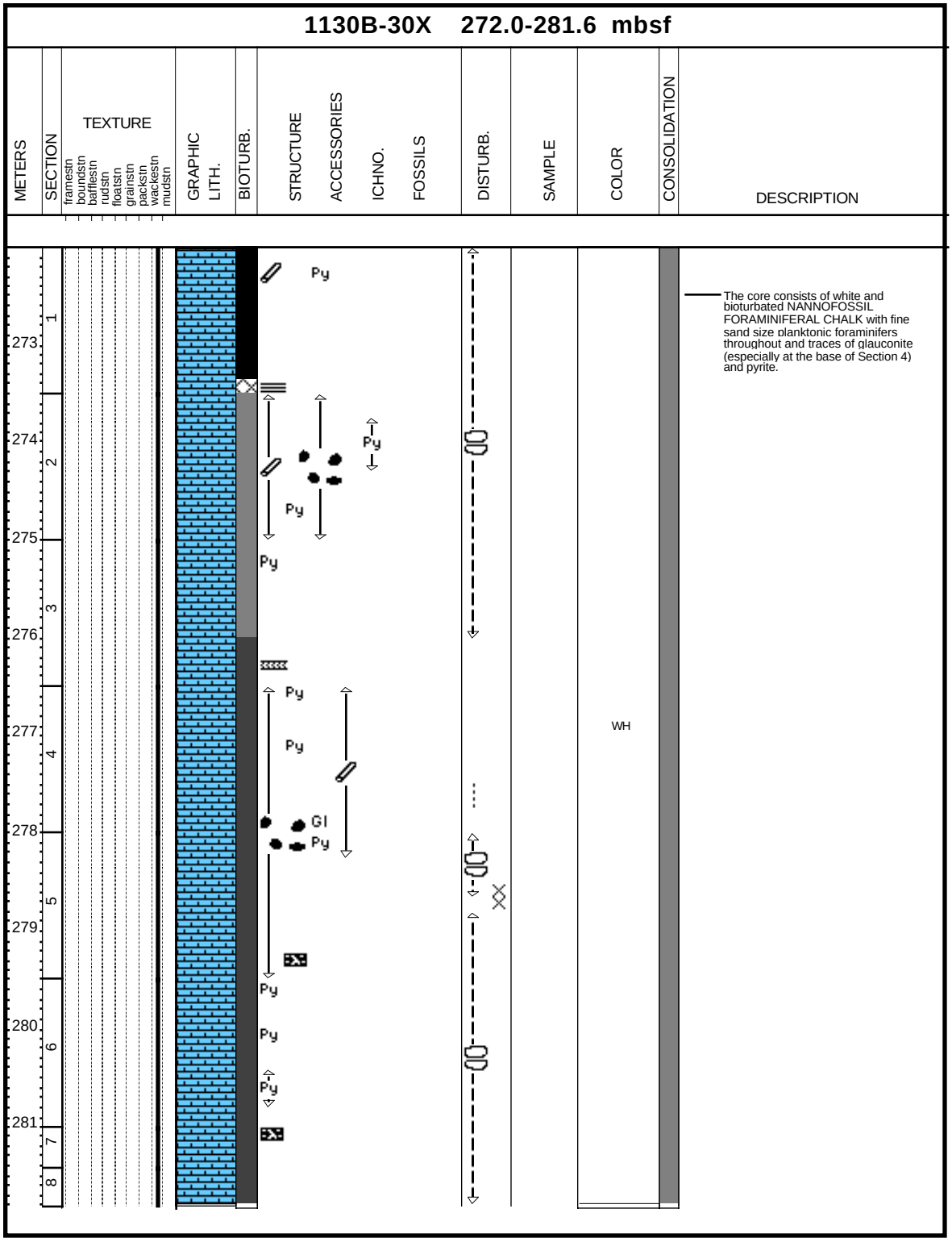
Core Photo


1130B-28X 252.7-262.3 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
253
254
255
256
257
258
259
260
261
262
1
2
3
4
5
6
7
8
GI
SS
PAL
lt ol GY
GY
lt GY
WH
The core consists of an upper PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE and a lower FORAMINIFERAL NANNOFOSSIL CHALK.
The PARTIALLY LITHIFIED BIOCLASTIC PACKSTONE is light olive gray to gray in color. It has common glauconite, especially in the upper part of the core, and contains shell fragments throughout, and some scattered whole shells and bryzoans. The base shows planar lamination, and the middle and upper part is strongly bioturbated. The coarse fraction shows dominant bioclasts, common benthic foraminifers and sponge spicules, present planktonic foraminifers and rare ostracodes. Traces of pyrite and glauconite occur throughout.
The FORAMINIFERAL NANNOFOSSIL CHALK is subdivided into an upper slumped part and a lower undeformed part. The slumped part (Section 5, 74-150 cm; Section 6, 0-124 cm) shows convoluted bedding, lithoclasts, and bedding dipping up to 30 degrees in different directions. The deformed lithology has the same lithologic characteristics as the lower undeformed part. The undeformed part extends from Section 6, 124 cm to the base of the core.
The chalk is white in color with black specks throughout, and thin layers and burrows with darker coloration. The coarse fraction is fine-grained and includes abundant benthic foraminifers and bioclasts, common planktonic foraminifers, rare ostracodes and glauconite. The matrix includes dominant nannofossils, and traces of bioclasts and planktonic foraminifers.

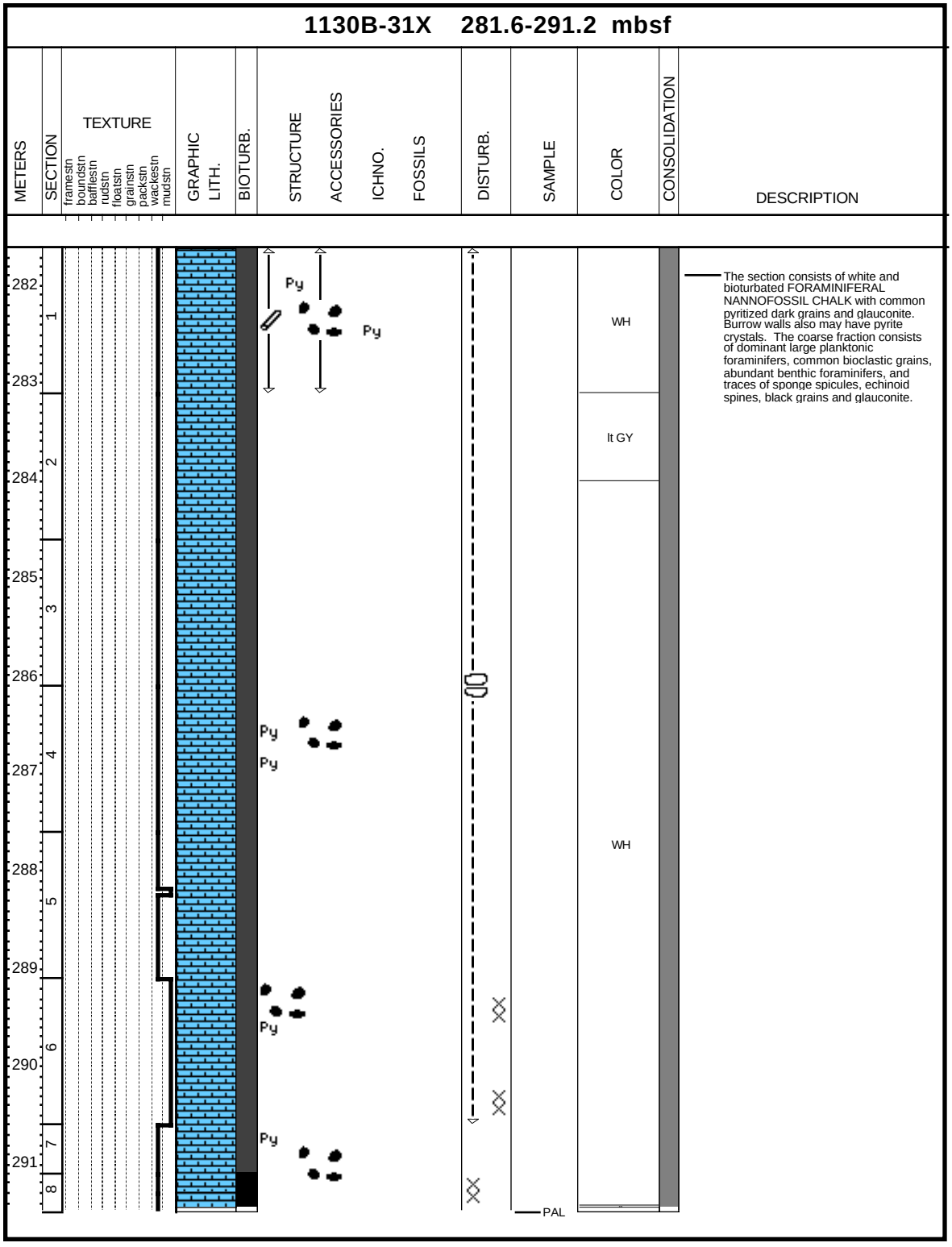
Core Photo


1130B-29X 262.3-272.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
263
264
265
266
267
268
269
270
271
272
1
2
3
4
5
6
7
8
Py
Gl
SS
PAL
WH
The core consists of white FORAMINIFERAL NANNOFOSSIL CHALK with dark grains and pyrite crystals thoughout. It is an alternation between laminated and burrowed intervals. The burrows are subhorizontal, some are filled with abundant glauconite, and some have pyritized walls. The coarse fraction is dominated by well preserved planktonic foraminifers, abundant benthic foraminifers, rare sponge spicules, and traces of echinoid spines. The fine fraction includes dominant nannofossils, common planktonic foraminifers, and present benthic foraminifers, bioclasts and discoasters.

Core Photo


1130B-30X 272.0-281.6 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
273
274
275
276
277
278
279
280
281
1
2
3
4
5
6
7
8
Py
Gl
WH
The core consists of white and bioturbated NANNOFOSSIL FORAMINIFERAL CHALK with fine sand size planktonic foraminifers throughout and traces of glauconite (especially at the base of Section 4) and pyrite.

Core Photo


1130B-31X 281.6-291.2 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
282
283
284
285
286
287
288
289
290
291
1
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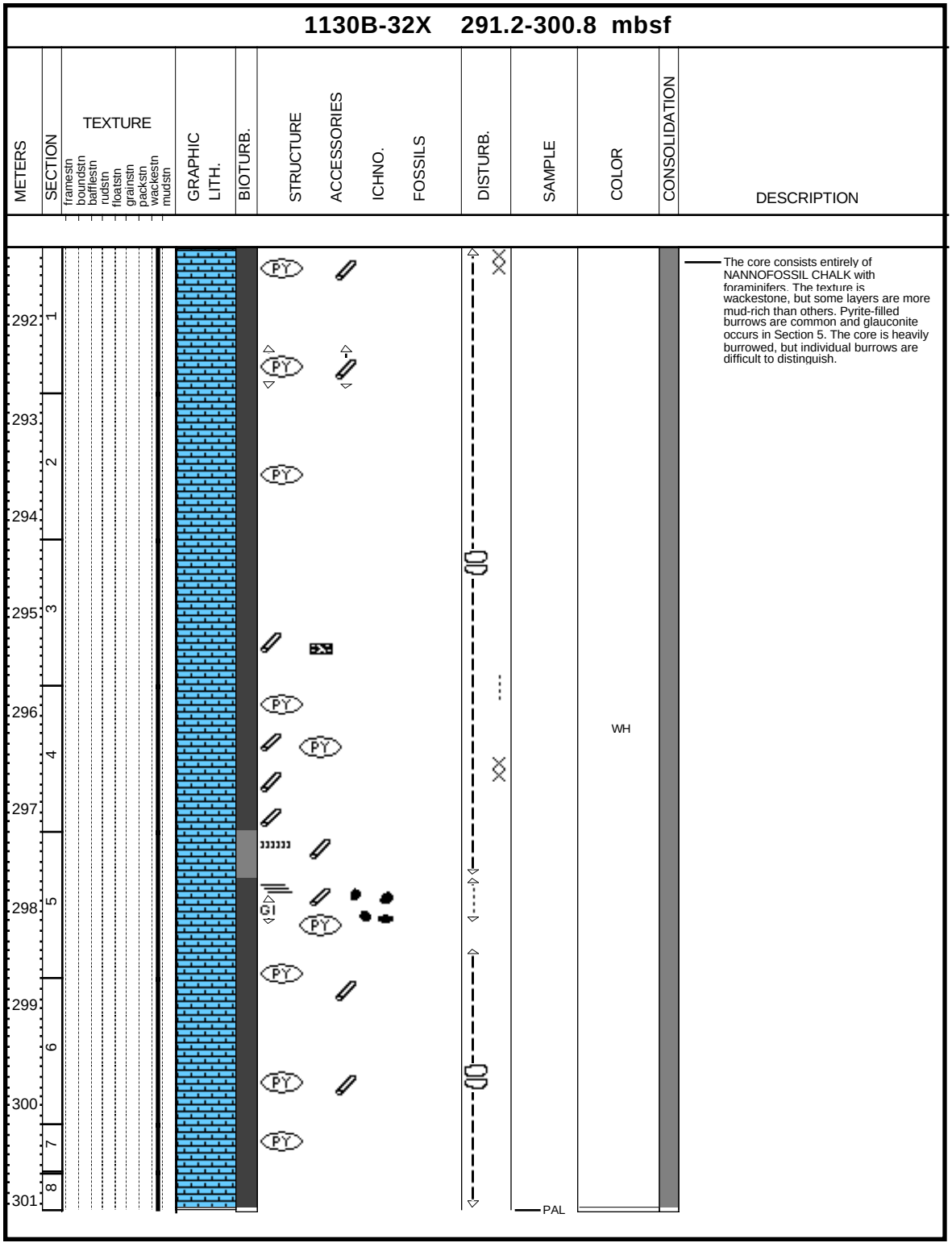
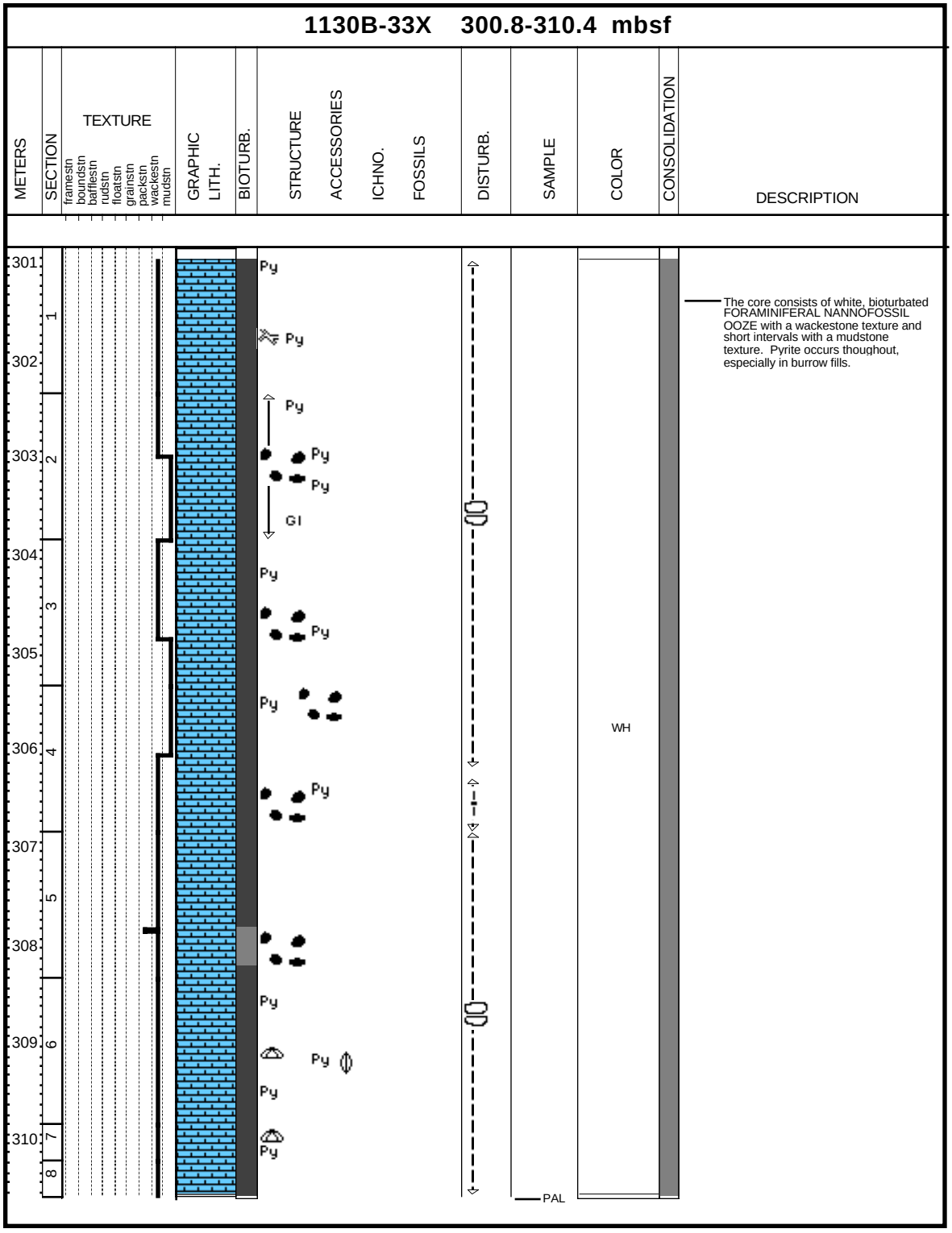
3
4
5
6
7
8
Py
Py
Py
Py
Py
PAL
WH
lt GY
WH
The section consists of white and bioturbated FORAMINIFERAL NANNOFOSSIL CHALK with common pyritized dark grains and glauconite. Burrow walls also may have pyrite crystals. The coarse fraction consists of dominant large planktonic foraminifers, common bioclastic grains, abundant benthic foraminifers, and traces of sponge spicules, echinoid spines, black grains and glauconite.

Core Photo


1130B-32X 291.2-300.8 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
292
293
294
295
296
297
298
299
300
301
1
2
3
4
5
6
7
8
PY
GI
WH
PAL
The core consists entirely of NANNOFOSSIL CHALK with foraminifers. The texture is wackestone, but some layers are more mud-rich than others. Pyrite-filled burrows are common and glauconite occurs in Section 5. The core is heavily burrowed, but individual burrows are difficult to distinguish.

Core Photo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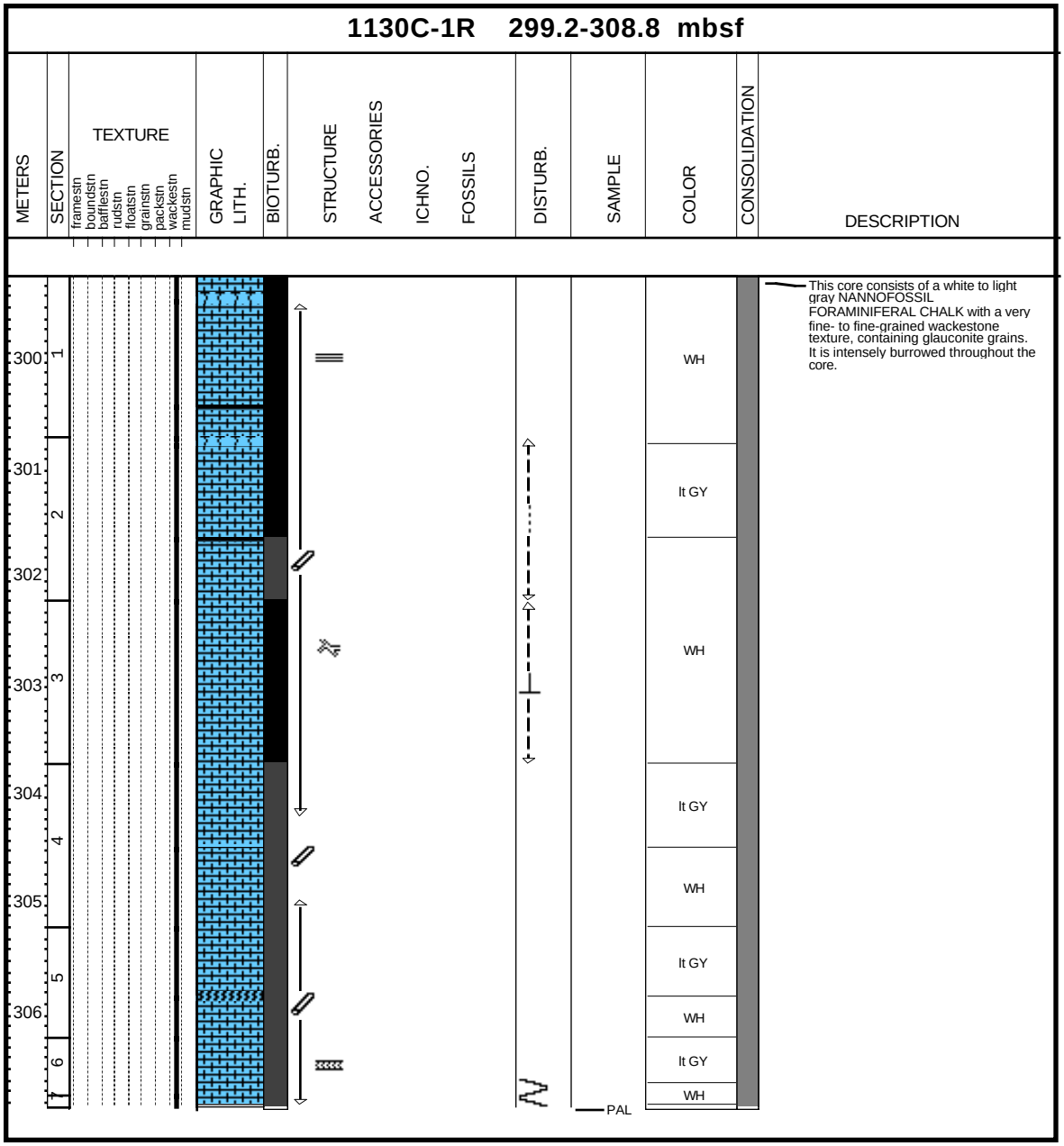
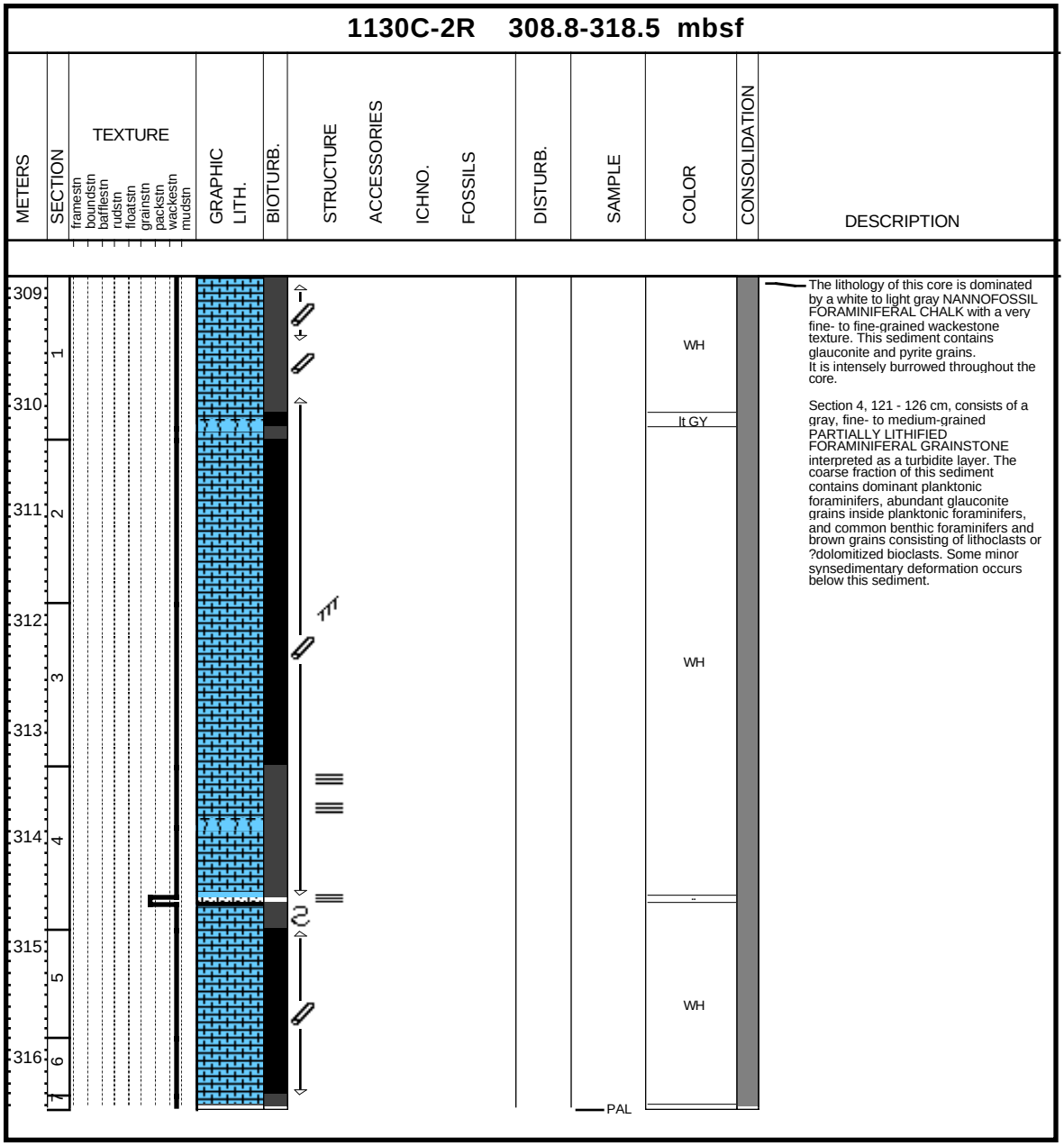
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
301
302
303
304
305
306
307
308
309
310
1
2
3
4
5
6
7
8
Py
Gl
WH
PAL
The core consists of white, bioturbated FORAMINIFERAL NANNOFOSSIL OOZE with a wackestone texture and short intervals with a mudstone texture. Pyrite occurs thoughout, especially in burrow fills.

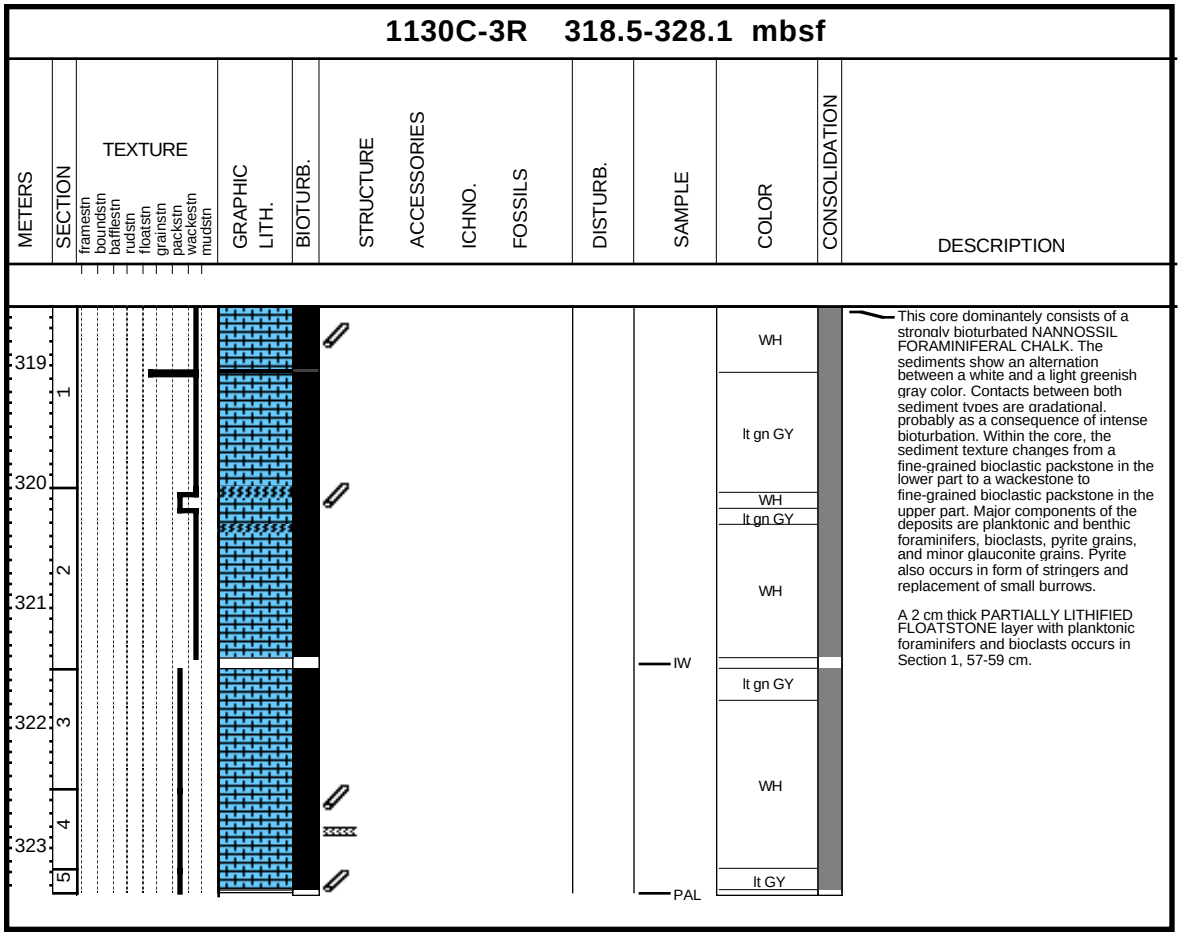
Core Photo


1130C-1R 299.2-308.8 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
This core consists of a white to light gray NANNOFOSSIL FORAMINIFERAL CHALK with a very fine- to fine-grained wackestone texture, containing glauconite grains. It is intensely burrowed throughout the core.
300
301
302
303
304
305
306
1
2
3
4
5
6
WH
lt GY
WH
lt GY
WH
lt GY
WH
lt GY
WH
PAL

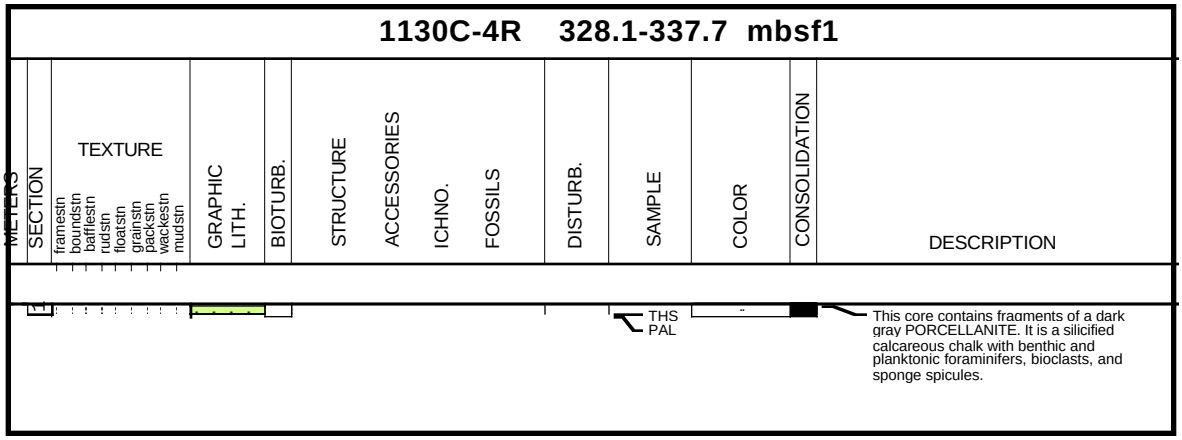
Core Photo


1130C-2R 308.8-318.5 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
309
310
311
312
313
314
315
316
1
2
3
4
5
6
7
WH
lt GY
WH
WH
PAL
The lithology of this core is dominated by a white to light gray NANNOFOSSIL FORAMINIFERAL CHALK with a very fine- to fine-grained wackestone texture. This sediment contains glauconite and pyrite grains. It is intensely burrowed throughout the core.
Section 4, 121 - 126 cm, consists of a gray, fine- to medium-grained PARTIALLY LITHIFIED FORAMINIFERAL GRAINSTONE interpreted as a turbidite layer. The coarse fraction of this sediment contains dominant planktonic foraminifers, abundant glauconite grains inside planktonic foraminifers, and common benthic foraminifers and brown grains consisting of lithoclasts or ?dolomitized bioclasts. Some minor synsedimentary deformation occurs below this sediment.

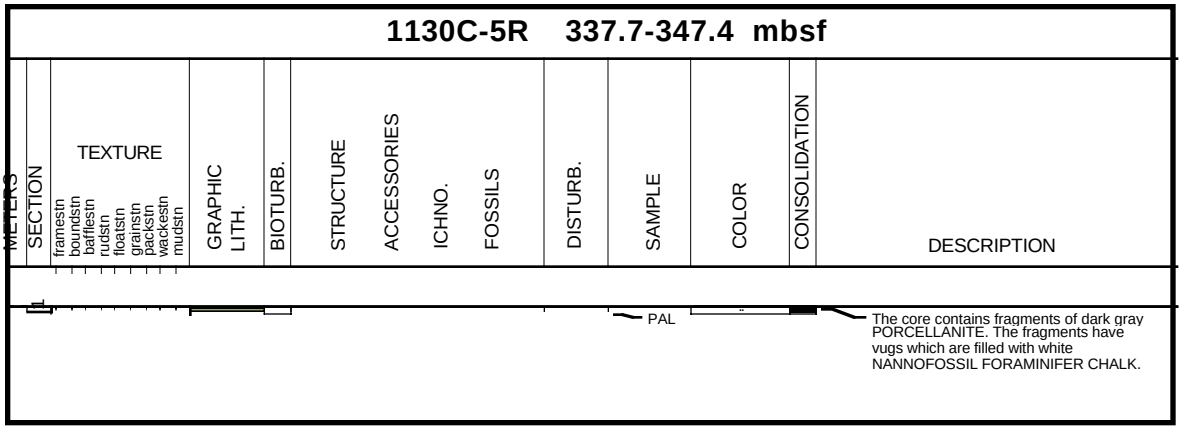
Core Photo


1130C-3R 318.5-328.1 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
319
320
321
322
323
1
2
3
4
5
IW
PAL
WH
lt gn GY
WH
lt gn GY
WH
lt gn GY
WH
lt GY
This core dominantely consists of a strongly bioturbated NANNOSSIL FORAMINIFERAL CHALK. The sediments show an alternation between a white and a light greenish gray color. Contacts between both sediment types are gradational, probably as a consequence of intense bioturbation. Within the core, the sediment texture changes from a fine-grained bioclastic packstone in the lower part to a wackestone to fine-grained bioclastic packstone in the upper part. Major components of the deposits are planktonic and benthic foraminifers, bioclasts, pyrite grains, and minor glauconite grains. Pyrite also occurs in form of stringers and replacement of small burrows.
A 2 cm thick PARTIALLY LITHIFIED FLOATSTONE layer with planktonic foraminifers and bioclasts occurs in Section 1, 57-59 cm.

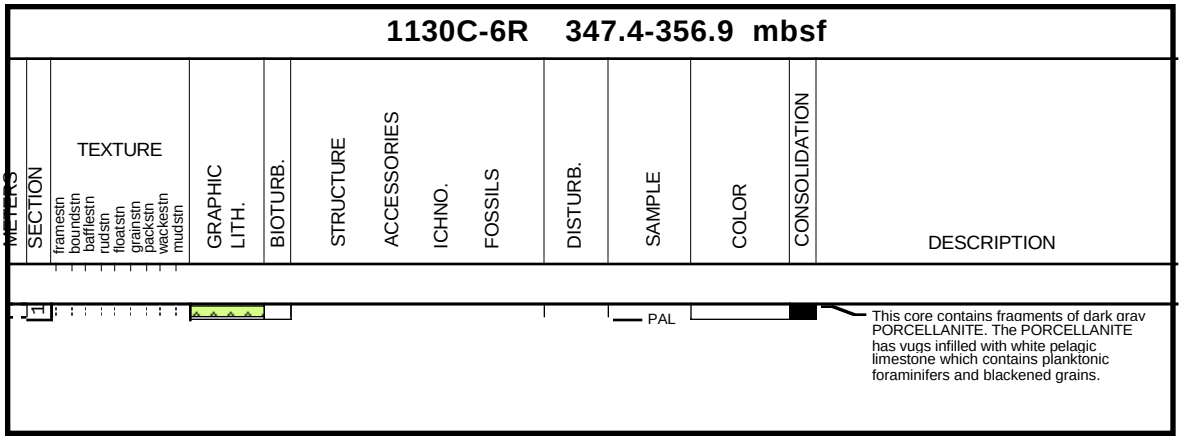
Core Photo


1130C-4R 328.1-337.7 mbsf1
METERS
SECTION
TEXTURE
framestn
boundstn
bafflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
THS
PAL
This core contains fragments of a dark gray PORCELLANITE. It is a silicified calcareous chalk with benthic and planktonic foraminifers, bioclasts, and sponge spicules.

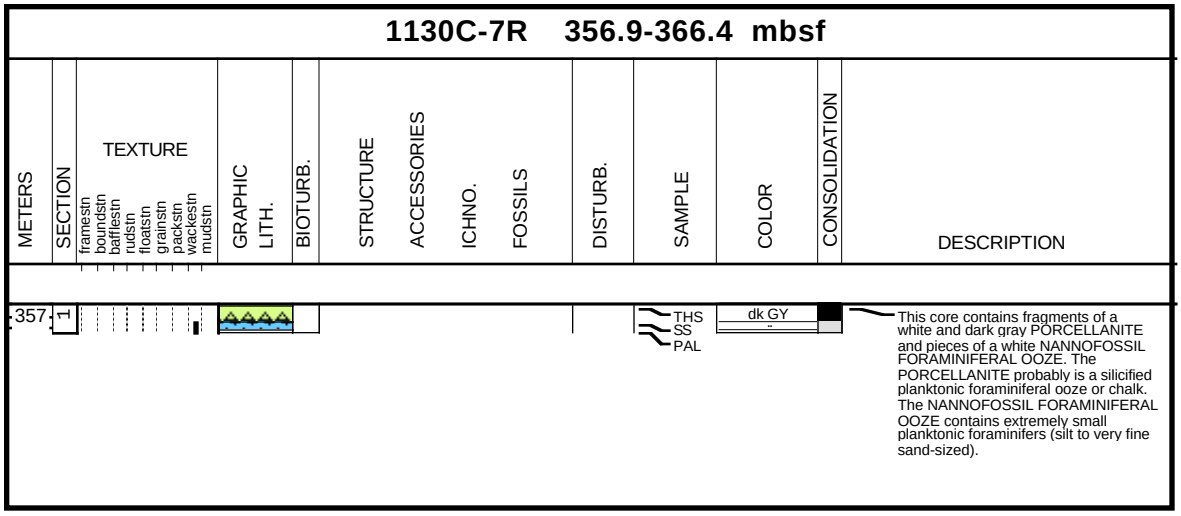
Core Photo


1130C-5R 337.7-347.4 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
PAL
The core contains fragments of dark gray PORCELLANITE. The fragments have vugs which are filled with white NANNOFOSSIL FORAMINIFER CHALK.

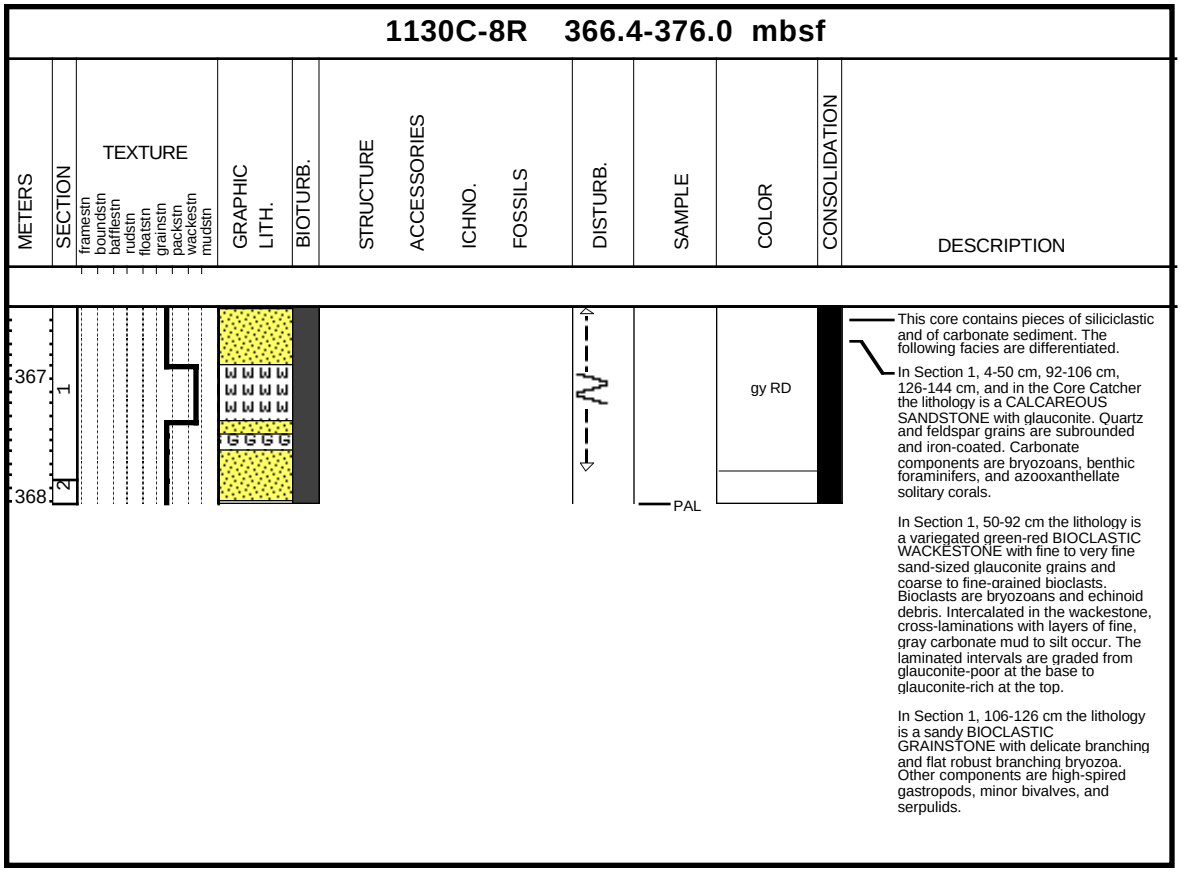
Core Photo


1130C-6R 347.4-356.9 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
bafflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
1
PAL
This core contains fragments of dark gray PORCELLANITE. The PORCELLANITE has vugs infilled with white pelagic limestone which contains planktonic foraminifers and blackened grains.

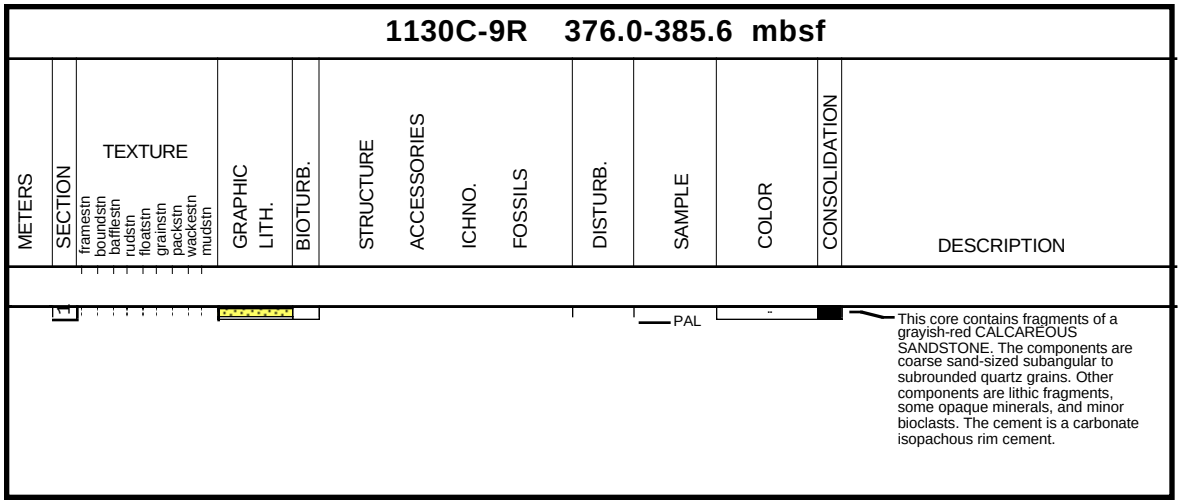
Core Photo


1130C-7R 356.9-366.4 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
bafflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
357
1
THS
SS
PAL
dk GY
This core contains fragments of a white and dark gray PORCELLANITE and pieces of a white NANNOFOSSIL FORAMINIFERAL OOZE. The PORCELLANITE probably is a silicified planktonic foraminiferal ooze or chalk. The NANNOFOSSIL FORAMINIFERAL OOZE contains extremely small planktonic foraminifers (silt to very fine sand-sized).

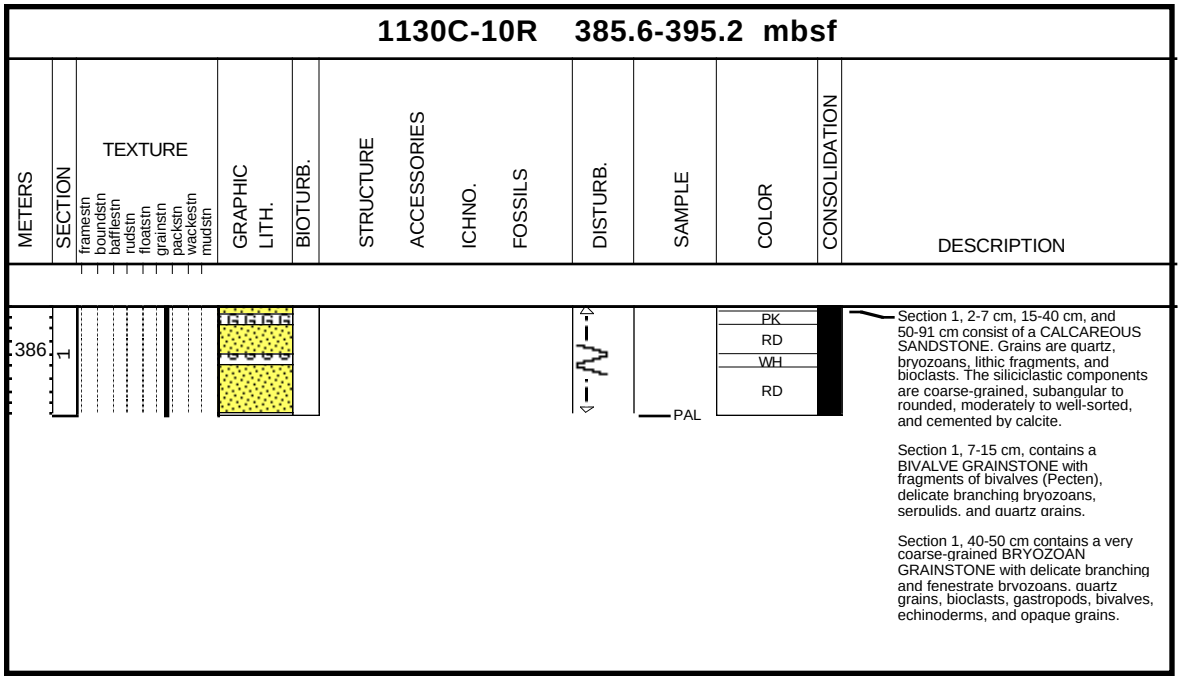
Core Photo


1130C-8R 366.4-376.0 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
367
368
1
2
PAL
gy RD
This core contains pieces of siliciclastic and of carbonate sediment. The following facies are differentiated.
In Section 1, 4-50 cm, 92-106 cm, 126-144 cm, and in the Core Catcher the lithology is a CALCAREOUS SANDSTONE with glauconite. Quartz and feldspar grains are subrounded and iron-coated. Carbonate components are bryozoans, benthic foraminifers, and azooxanthellate solitary corals.
In Section 1, 50-92 cm the lithology is a variegated green-red BIOCLASTIC WACKESTONE with fine to very fine sand-sized glauconite grains and coarse to fine-grained bioclasts. Bioclasts are bryozoans and echinoid debris. Intercalated in the wackestone, cross-laminations with layers of fine, gray carbonate mud to silt occur. The laminated intervals are graded from glauconite-poor at the base to glauconite-rich at the top.
In Section 1, 106-126 cm the lithology is a sandy BIOCLASTIC GRAINSTONE with delicate branching and flat robust branching bryozoa. Other components are high-spired gastropods, minor bivalves, and serpulids.

Core Photo


1130C-9R 376.0-385.6 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
PAL
This core contains fragments of a grayish-red CALCAREOUS SANDSTONE. The components are coarse sand-sized subangular to subrounded quartz grains. Other components are lithic fragments, some opaque minerals, and minor bioclasts. The cement is a carbonate isopachous rim cement.

Core Photo


1130C-10R 385.6-395.2 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
386
1
PAL
PK
RD
WH
RD
Section 1, 2-7 cm, 15-40 cm, and 50-91 cm consist of a CALCAREOUS SANDSTONE. Grains are quartz, bryozoans, lithic fragments, and bioclasts. The siliciclastic components are coarse-grained, subangular to rounded, moderately to well-sorted, and cemented by calcite.
Section 1, 7-15 cm, contains a BIVALVE GRAINSTONE with fragments of bivalves (Pecten), delicate branching bryozoans, serpulids, and quartz grains.
Section 1, 40-50 cm contains a very coarse-grained BRYOZOAN GRAINSTONE with delicate branching and fenestrate bryozoans, quartz grains, bioclasts, gastropods, bivalves, echinoderms, and opaque grains.

Sample									Texture			Mineral									Biogenic											Rock		
Leg	Site	Hole	Core	Type	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Biotite	Clay	Dolomite	Fe Oxide	Feldspar	Glauconite	Opaques	Phosphorite	Pyrite	Quartz	Benthic Foraminifers	Bryozoans	Coccolith	Diatoms	Discoaster	Echinoid Spine	Ostracodes	Planktonic Foraminifers	Radiolarians	Sponge Spicules	Tunicate Spines	Bioclasts	Lithoclasts	Comments
182	1130	A	1	H	2	80.00	2.30	D	D			R	C			R	*	*			C	C	R	C	*		P		P		P	P	P		Rare - worm tubes
182	1130	A	1	H	5	100.00	7.00	D	D				P								P	P	P	C			P		R		C	P	A		Rare - worm tubes; many bioclasts are bored
182	1130	A	4	H	4	60.00	32.60	D													R		R	A			P		C		C	C	C		
182	1130	A	5	H	2	90.00	39.40	D													R	C	*	A	R		P		P		C	C	C		Rare - worm tubes
182	1130	A	5	H	4	90.00	42.40	D													R	C	P	A			P		C		C	C	A		
182	1130	A	6	H	2	70.00	48.70	D														A		A				R	A	P	A	A	D		
182	1130	A	7	H	2	100.00	58.50	D	D	A												R		A					R		P	P	D		
182	1130	A	7	H	6	120.00	64.70	D	C	D	C										*	P		A			*		P	R	C	P	D		
182	1130	A	8	H	2	82.00	67.82	D						*								A		C	*		P				C	P	A		Rare - rot-shaped grain; many brownish grains
182	1130	A	8	H	5	70.00	72.20	D													R	C		A							C	P	A		
182	1130	A	9	H	2	40.00	76.90	D														P		A	*					P	C	P	D		
182	1130	A	9	H	3	74.00	78.74	D														C		A			P		P		C	C	C		
182	1130	A	10	H	2	140.00	87.40	D													*	R		D					R	*	P	P	A		
182	1130	A	11	H	2	75.00	96.25	D														P		D					P		A	P	A		
182	1130	A	11	H	3	120.00	98.20	D																D											
182	1130	A	11	H	4	100.00	99.50	D														A		A			P	*	P	*	C	C	A		
182	1130	A	11	H	5	80.00	100.80	D														R		A				*	R	*	C	P	D		
182	1130	A	12	H	2	70.00	105.70	D						R								C		C			*		P	P	C	C	A		
182	1130	A	12	H	5	126.00	110.76	M														R		D					P		P	A	P		
182	1130	A	12	H	7	26.00	112.76	D														A		A						*	P	*	D		
182	1130	A	14	H	7	40.00	131.90	D														P		D			P		C		A	P	C		
182	1130	A	15	H	4	10.00	136.60	D														P		A			R		C		C	C	A		
182	1130	A	16	H	4	68.00	145.66	D								*					R	P		C			R		C		C	P	D		Rare - tube worms
182	1130	A	16	H	6	60.00	148.58	D														C		A	*		*		C		A	C	A		
182	1130	A	18	H	4	70.00	165.70	D														P		D	*				C		C	C	A		
182	1130	A	19	X	4	107.00	175.57	D													R	P		A	*		P		C		P	P	D		
182	1130	A	20	X	4	84.00	182.74	D				R									P	C		A	*		P		P		C	C	A		Rare - scaphopods
182	1130	A	22	X	4	140.00	202.50	D														C		A					C		A	C	A		
182	1130	A	23	X	3	135.00	210.55	D													*	P		D					P		P	C	A		
182	1130	A	23	X	6	140.00	215.10	D														A		D							C	*	A		
182	1130	A	24	X	1	43.00	216.23	D	C	A	D			*								R		D					P		C	R	C		
182	1130	A	24	X	4	40.00	220.70	D						R								A		A	*				P	R	C	P	A		
182	1130	A	25	X	2	22.00	227.12	D	P	D	A											R		D					R		P	P	A		
182	1130	A	26	X	2	80.00	237.30	D																A			*		R		P		A		
182	1130	A	27	X	3	40.00	248.00	D		D				*								A		A	R			*		*	C	P	A		
182	1130	A	27	X	3	105.00	248.65	D		D												P		D					R		P	R	A		
182	1130	A	28	X	3	120.00	258.50	D			D													D		*			R				P		
182	1130	A	28	X	6	50.00	262.30	D														R		D		R			R		R				
182	1130	A	29	X	6	73.00	272.13	D	P	P	D											R		D		*			P		*		P		
182	1130	A	31	X	4	17.00	287.77	D										R		R				D					C		R		P		
182	1130	A	32	X	3	63.00	296.43	D														C		D		C			C				C		
182	1130	B	8	H	6	66.00	69.16	D														P		D	R							C	A		
182	1130	B	13	H	1	80.00	109.30	D		D												C		A						*	P	C	C		
182	1130	B	17	H	1	70.00	147.20	D														C		D			R		C		C	C	A		
182	1130	B	18	X	1	71.00	156.71	D										*				R		A					C		C	P	D		
182	1130	B	20	X	3	76.00	179.06	D													*	P		A			R		C		C	P	A		Rare-rim cement
182	1130	B	26	X	6	99.00	241.99	D														P		A					P		P		A		
182	1130	B	26	X	6	106.00	242.06	M														R		D					R				C		
182	1130	B	28	X	7	30.00	262.00	D																D		*			*				*		
182	1130	B	29	X	6	70.00	270.50	D														P		D		P			C				P		
182	1130	C	7	R	CC	17.00	357.07	M			D											R		D					C		R		P		

Sample										Texture							Mineral								Biogenic									Rock			
Leg	Site	Hole	Core	Type	Section	Top (cm)	Bottom (cm)	Depth (mbsf)	Lithology	Mudstone	Wackestone	Packstone	Grainstone	Sand	Silt	Clay	Aragonite	Biotite	Dolomite	Glauconite	Opaques	Phosphorite	Pyrite	Quartz	Benthic Forams	Bivalves	Bryozoa	Diatoms	Echinoid Spine	Nannofossils	Planktonic Forams	Radiolarians	Sponge Spicules	Bioclasts	Lithic Fragments	Micrite	Comments
182	1130	B	38	X	1	30	31		D															R						D						
182	1130	B	40	X	1	5	6		D					X					P					D	P		A		A		P				A	