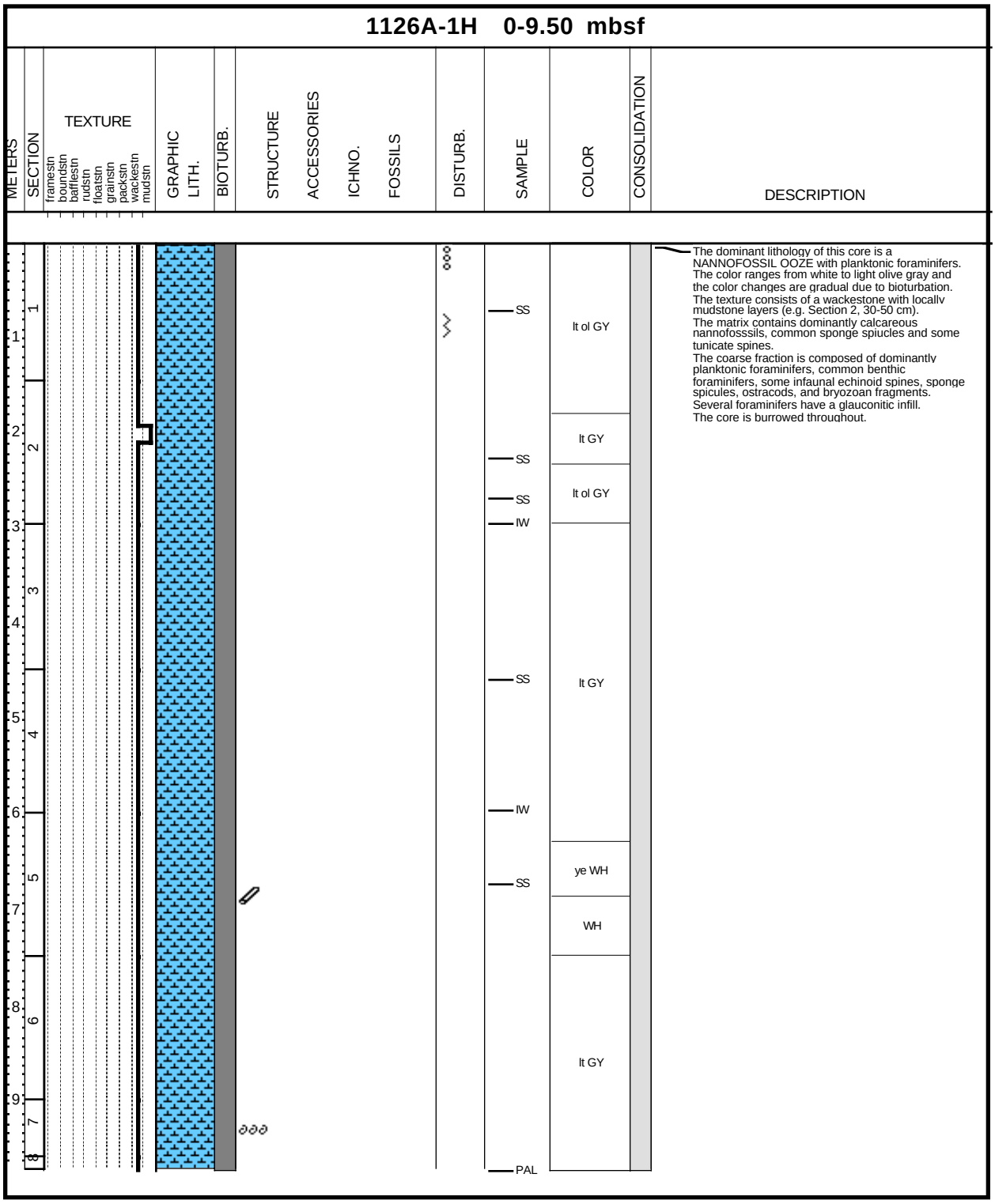
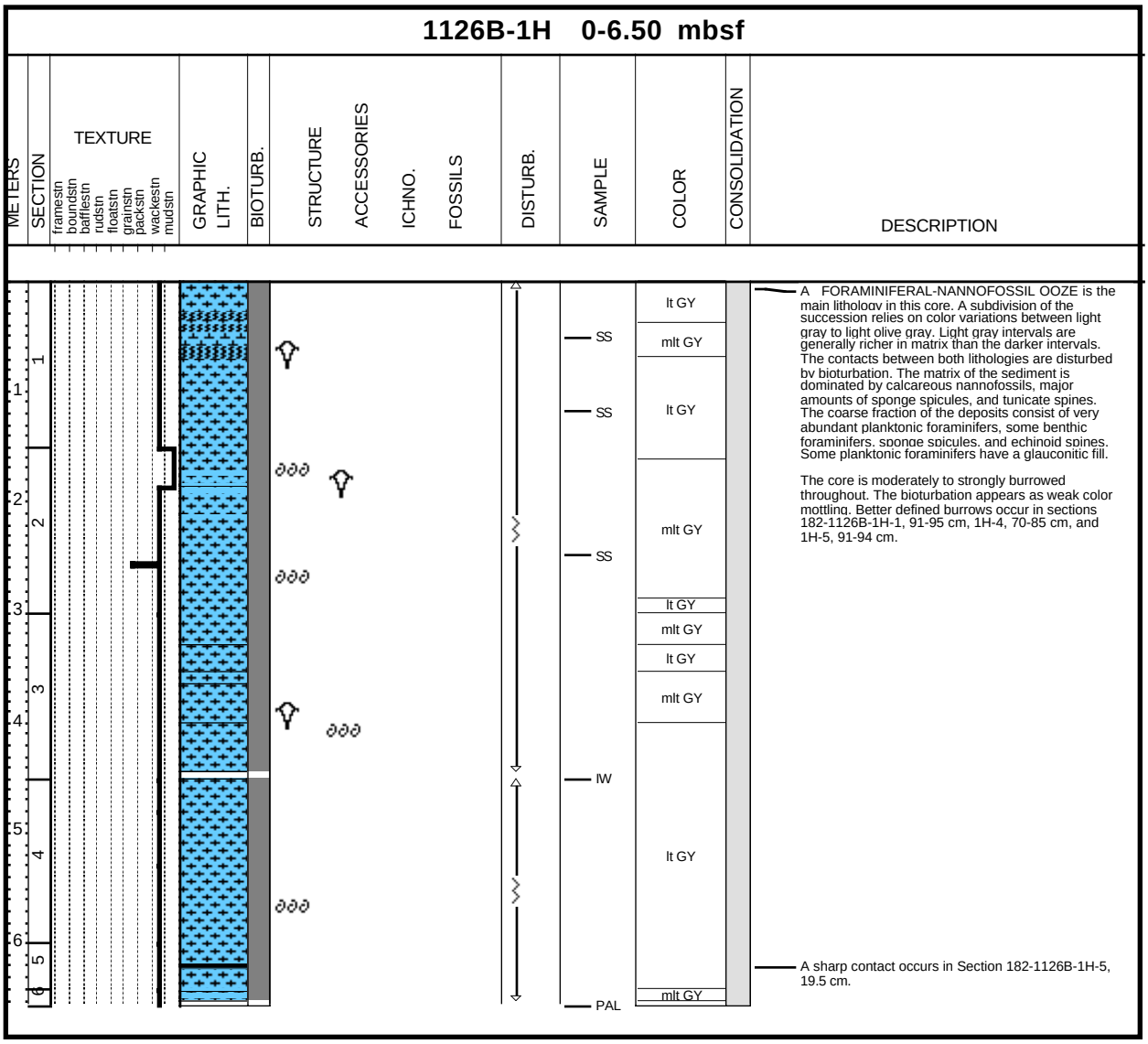
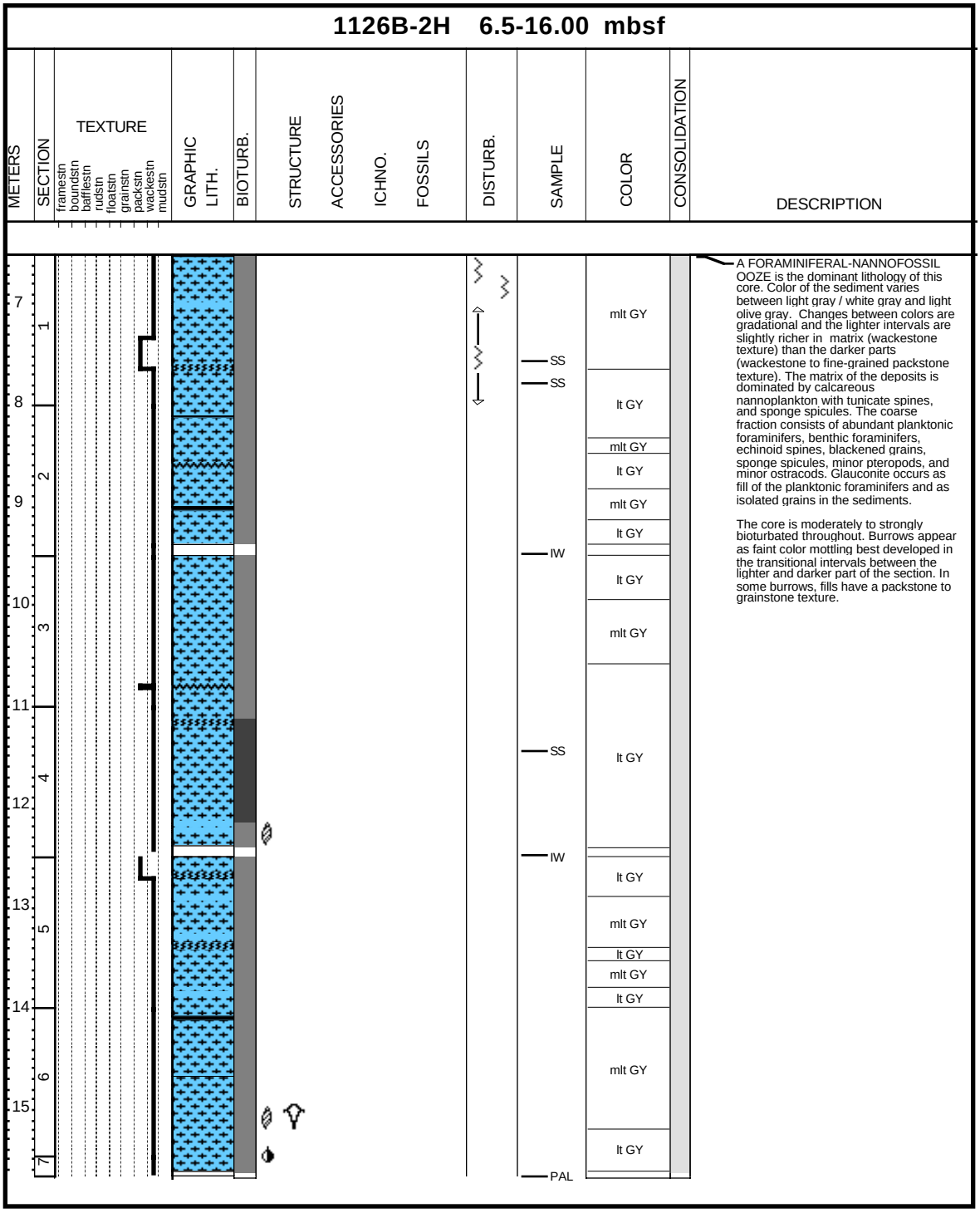
Core Photo


1126A-1H 0-9.50 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
SS
SS
SS
IW
SS
IW
SS
PAL
lt ol GY
lt GY
lt ol GY
lt GY
ye WH
WH
lt GY
The dominant lithology of this core is a NANNOFOSSIL OOZE with planktonic foraminifers.
The color ranges from white to light olive gray and the color changes are gradual due to bioturbation.
The texture consists of a wackestone with locally mudstone layers (e.g. Section 2, 30-50 cm).
The matrix contains dominantly calcareous nannofosssils, common sponge spiucles and some tunicate spines.
The coarse fraction is composed of dominantly planktonic foraminifers, common benthic foraminifers, some infaunal echinoid spines, sponge spicules, ostracods, and bryozoan fragments.
Several foraminifers have a glauconitic infill.
The core is burrowed throughout.

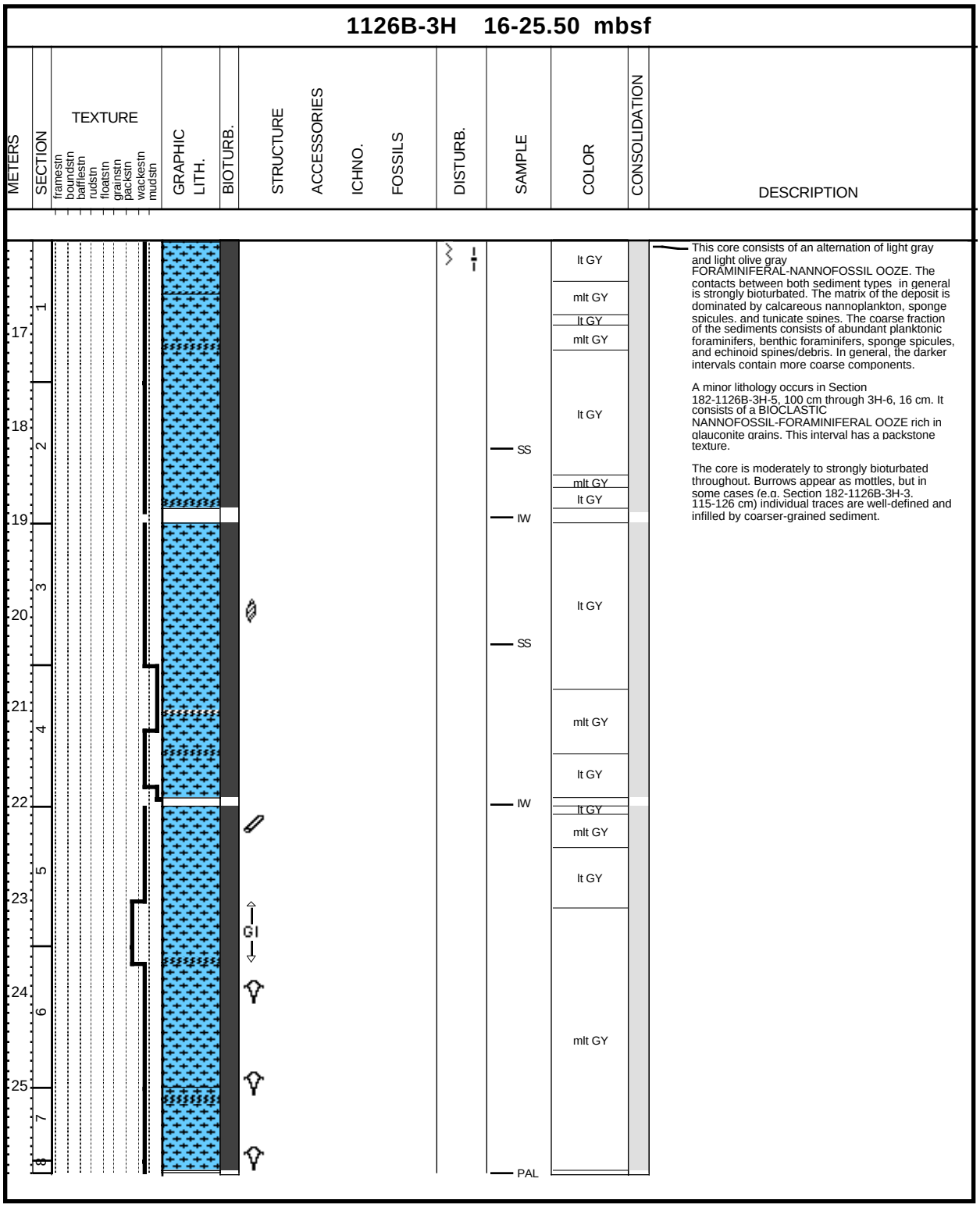
Core Photo


1126B-1H 0-6.50 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
SS
SS
SS
IW
PAL
lt GY
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
mlt GY
A FORAMINIFERAL-NANNOFOSSIL OOZE is the main lithology in this core. A subdivision of the succession relies on color variations between light gray to light olive gray. Light gray intervals are generally richer in matrix than the darker intervals. The contacts between both lithologies are disturbed by bioturbation. The matrix of the sediment is dominated by calcareous nannofossils, major amounts of sponge spicules, and tunicate spines. The coarse fraction of the deposits consist of very abundant planktonic foraminifers, some benthic foraminifers, sponge spicules, and echinoid spines. Some planktonic foraminifers have a glauconitic fill.
The core is moderately to strongly burrowed throughout. The bioturbation appears as weak color mottling. Better defined burrows occur in sections 182-1126B-1H-1, 91-95 cm, 1H-4, 70-85 cm, and 1H-5, 91-94 cm.
A sharp contact occurs in Section 182-1126B-1H-5, 19.5 cm.

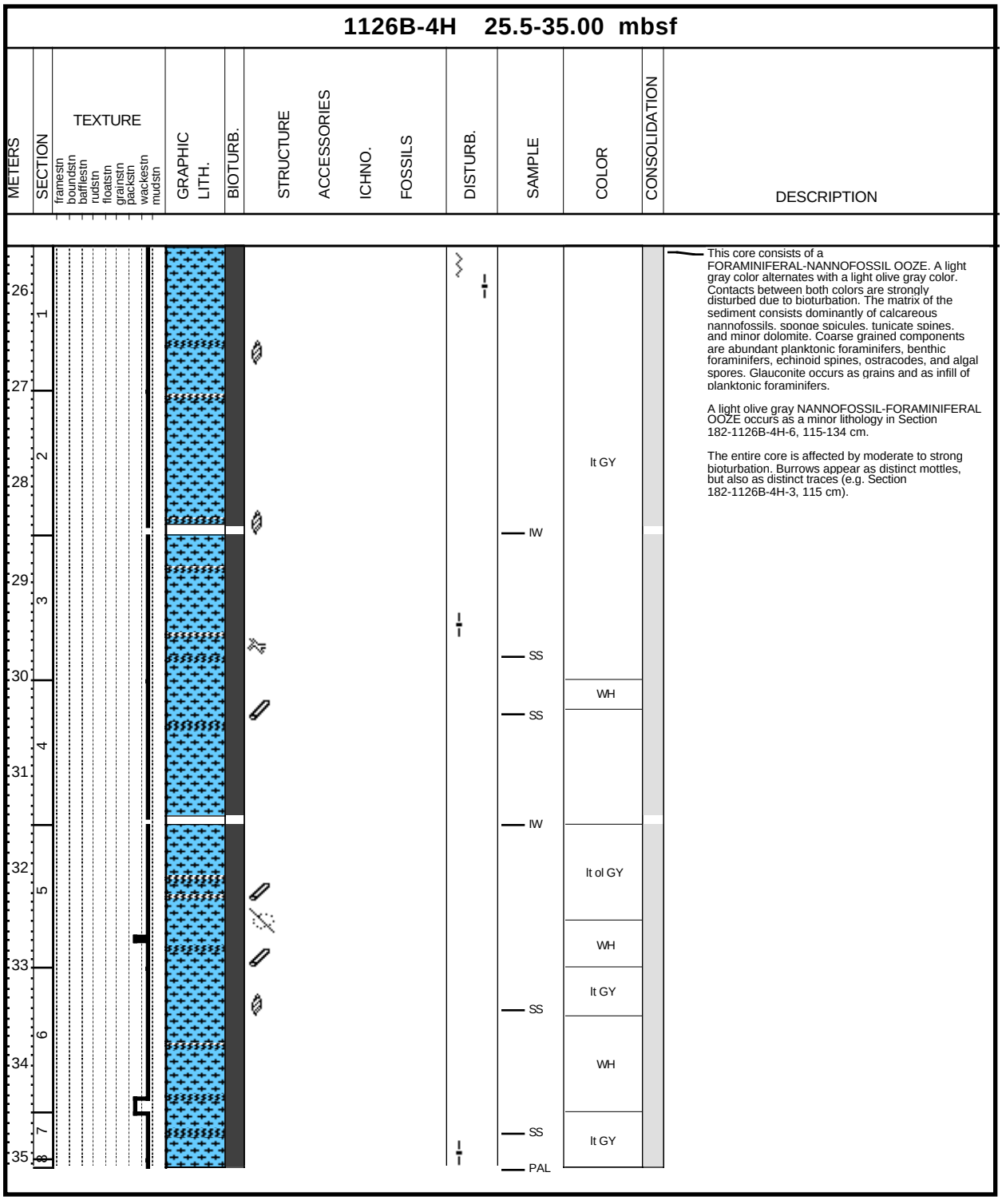
Core Photo


1126B-2H 6.5-16.00 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
SS
IW
SS
IW
PAL
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
lt GY
mlt GY
lt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
A FORAMINIFERAL-NANNOFOSSIL OOZE is the dominant lithology of this core. Color of the sediment varies between light gray / white gray and light olive gray. Changes between colors are gradational and the lighter intervals are slightly richer in matrix (wackestone texture) than the darker parts (wackestone to fine-grained packstone texture). The matrix of the deposits is dominated by calcareous nannoplankton with tunicate spines, and sponge spicules. The coarse fraction consists of abundant planktonic foraminifers, benthic foraminifers, echinoid spines, blackened grains, sponge spicules, minor pteropods, and minor ostracods. Glauconite occurs as fill of the planktonic foraminifers and as isolated grains in the sediments.
The core is moderately to strongly bioturbated throughout. Burrows appear as faint color mottling best developed in the transitional intervals between the lighter and darker part of the section. In some burrows, fills have a packstone to grainstone texture.

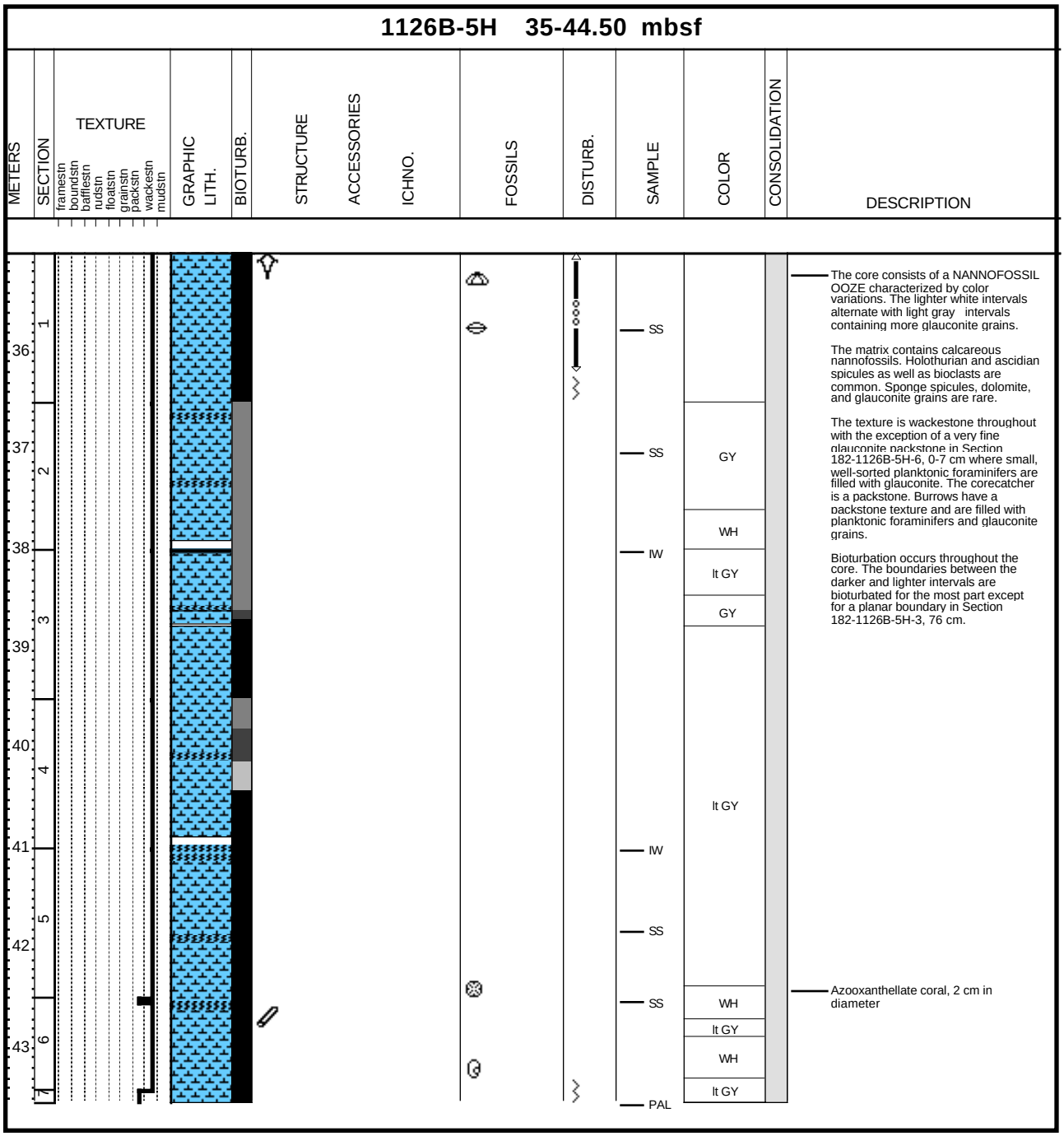
Core Photo


1126B-3H 16-25.50 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
17
18
19
20
21
22
23
24
25
1
2
3
4
5
6
7
8
SS
IW
SS
IW
PAL
GI
lt GY
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
lt GY
mlt GY
lt GY
mlt GY
This core consists of an alternation of light gray and light olive gray FORAMINIFERAL-NANNOFOSSIL OOZE. The contacts between both sediment types in general is strongly bioturbated. The matrix of the deposit is dominated by calcareous nannoplankton, sponge spicules, and tunicate spines. The coarse fraction of the sediments consists of abundant planktonic foraminifers, benthic foraminifers, sponge spicules, and echinoid spines/debris. In general, the darker intervals contain more coarse components.
A minor lithology occurs in Section 182-1126B-3H-5, 100 cm through 3H-6, 16 cm. It consists of a BIOCLASTIC NANNOFOSSIL-FORAMINIFERAL OOZE rich in glauconite grains. This interval has a packstone texture.
The core is moderately to strongly bioturbated throughout. Burrows appear as mottles, but in some cases (e.g. Section 182-1126B-3H-3, 115-126 cm) individual traces are well-defined and infilled by coarser-grained sediment.

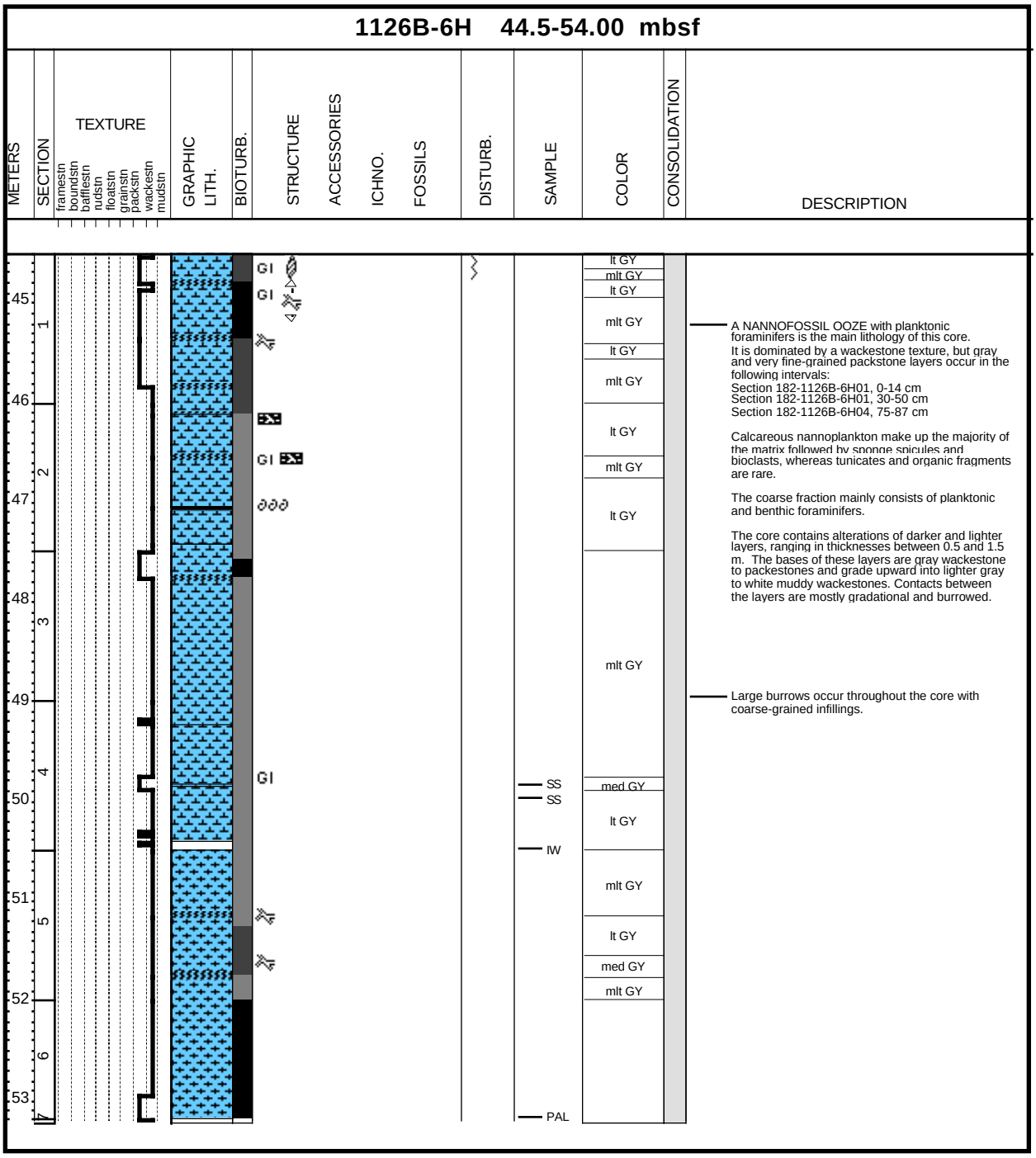
Core Photo


1126B-4H 25.5-35.00 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
26
27
28
29
30
31
32
33
34
35
1
2
3
4
5
6
7
8
IW
SS
SS
IW
SS
SS
PAL
lt GY
WH
lt ol GY
WH
lt GY
WH
lt GY
This core consists of a FORAMINIFERAL-NANNOFOSSIL OOZE. A light gray color alternates with a light olive gray color. Contacts between both colors are strongly disturbed due to bioturbation. The matrix of the sediment consists dominantly of calcareous nannofossils, sponge spicules, tunicate spines, and minor dolomite. Coarse grained components are abundant planktonic foraminifers, benthic foraminifers, echinoid spines, ostracodes, and algal spores. Glauconite occurs as grains and as infill of planktonic foraminifers.
A light olive gray NANNOFOSSIL-FORAMINIFERAL OOZE occurs as a minor lithology in Section 182-1126B-4H-6, 115-134 cm.
The entire core is affected by moderate to strong bioturbation. Burrows appear as distinct mottles, but also as distinct traces (e.g. Section 182-1126B-4H-3, 115 cm).

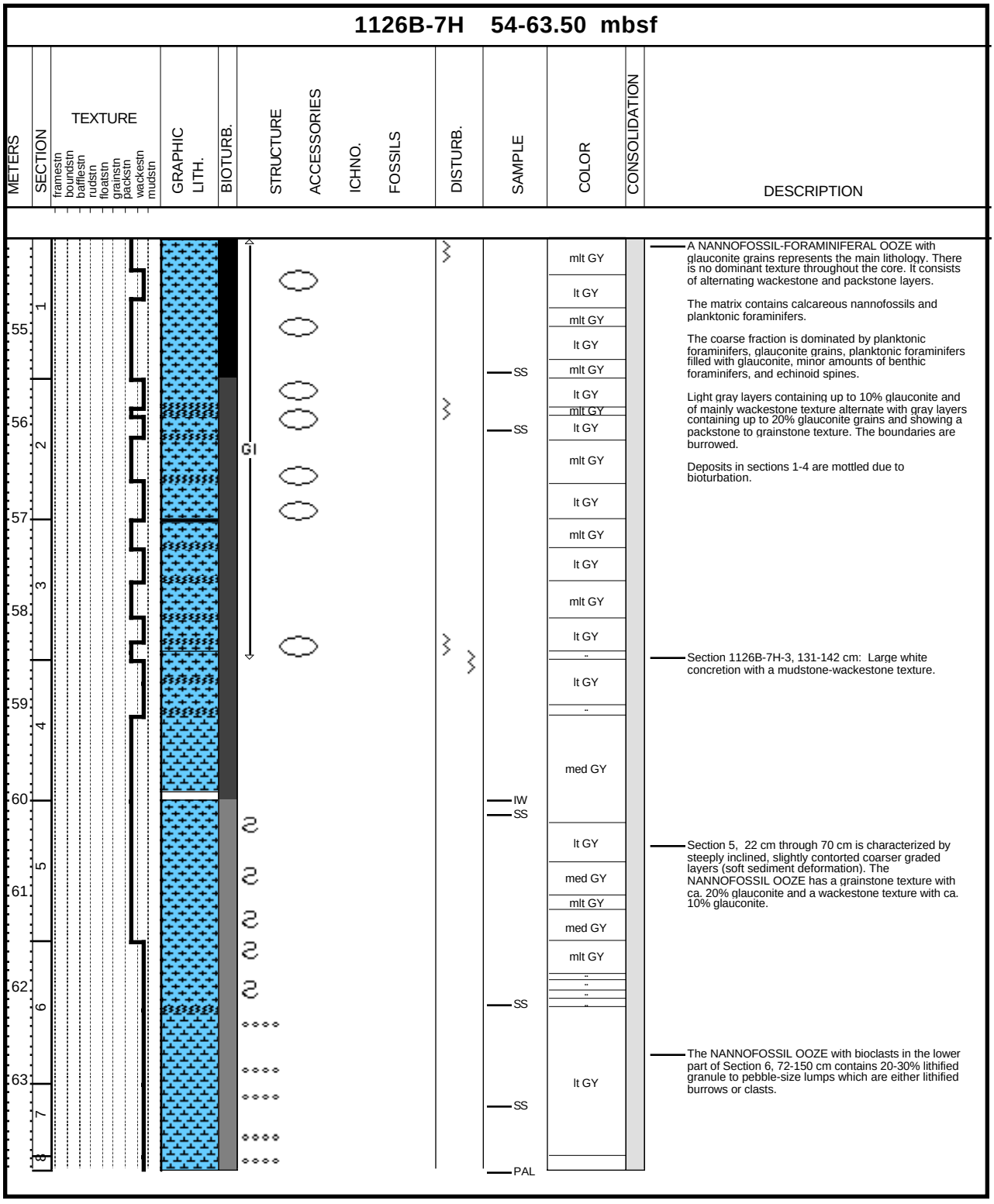
Core Photo


1126B-5H 35-44.50 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
SS
SS
IW
IW
SS
SS
PAL
GY
WH
lt GY
GY
lt GY
WH
lt GY
WH
lt GY
The core consists of a NANNOFOSSIL OOZE characterized by color variations. The lighter white intervals alternate with light gray intervals containing more glauconite grains.
The matrix contains calcareous nannofossils. Holothurian and ascidian spicules as well as bioclasts are common. Sponge spicules, dolomite, and glauconite grains are rare.
The texture is wackestone throughout with the exception of a very fine glauconite packstone in Section 182-1126B-5H-6, 0-7 cm where small, well-sorted planktonic foraminifers are filled with glauconite. The corecatcher is a packstone. Burrows have a packstone texture and are filled with planktonic foraminifers and glauconite grains.
Bioturbation occurs throughout the core. The boundaries between the darker and lighter intervals are bioturbated for the most part except for a planar boundary in Section 182-1126B-5H-3, 76 cm.
Azooxanthellate coral, 2 cm in diameter

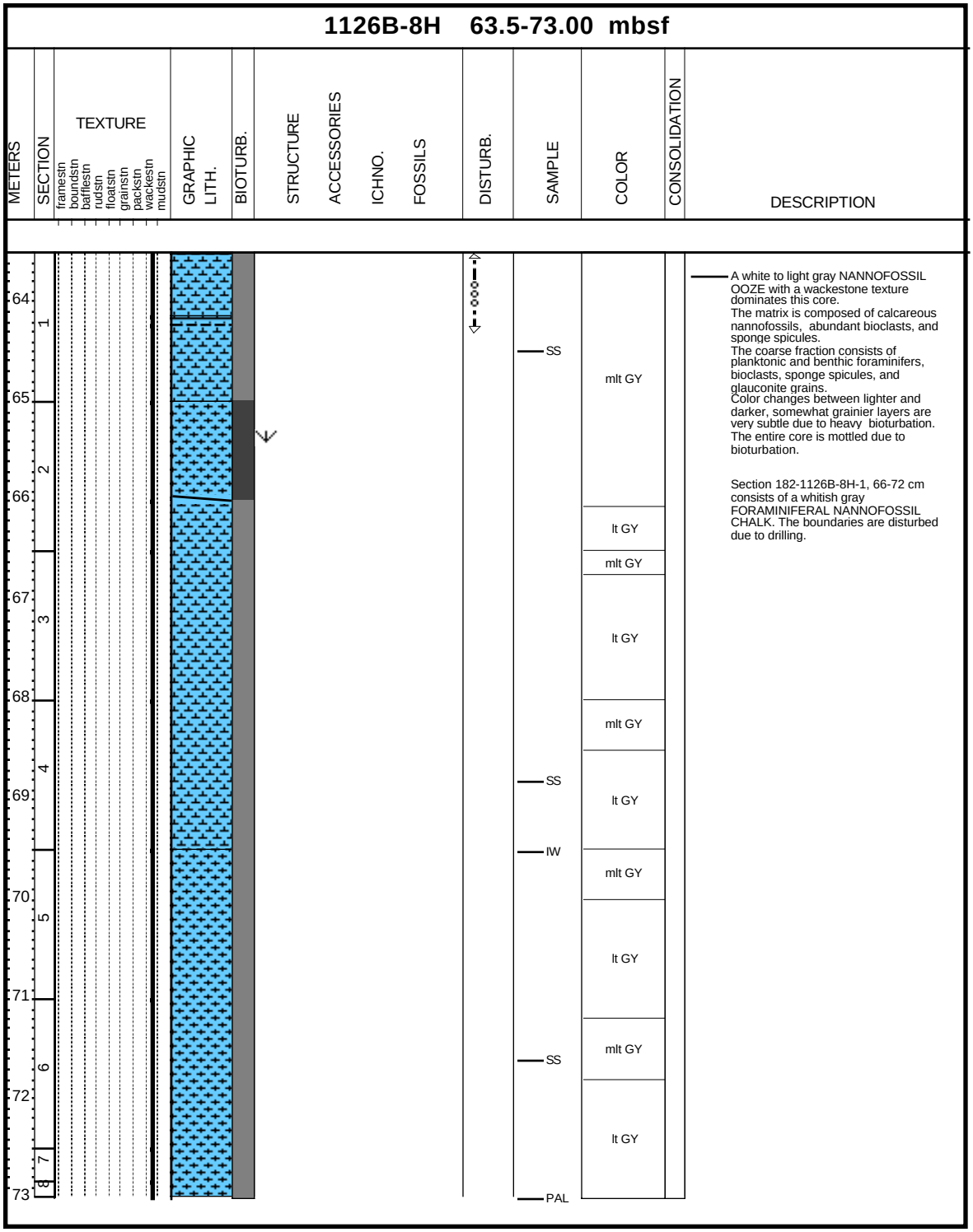
Core Photo


1126B-6H 44.5-54.00 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
45
46
47
48
49
50
51
52
53
1
2
3
4
5
6
7
GI
SS
IW
PAL
lt GY
mlt GY
med GY
A NANNOFOSSIL OOZE with planktonic foraminifers is the main lithology of this core.
It is dominated by a wackestone texture, but gray and very fine-grained packstone layers occur in the following intervals:
Section 182-1126B-6H01, 0-14 cm
Section 182-1126B-6H01, 30-50 cm
Section 182-1126B-6H04, 75-87 cm
Calcareous nannoplankton make up the majority of the matrix followed by sponge spicules and bioclasts, whereas tunicates and organic fragments are rare.
The coarse fraction mainly consists of planktonic and benthic foraminifers.
The core contains alterations of darker and lighter layers, ranging in thicknesses between 0.5 and 1.5 m. The bases of these layers are gray wackestone to packestones and grade upward into lighter gray to white muddy wackestones. Contacts between the layers are mostly gradational and burrowed.
Large burrows occur throughout the core with coarse-grained infillings.

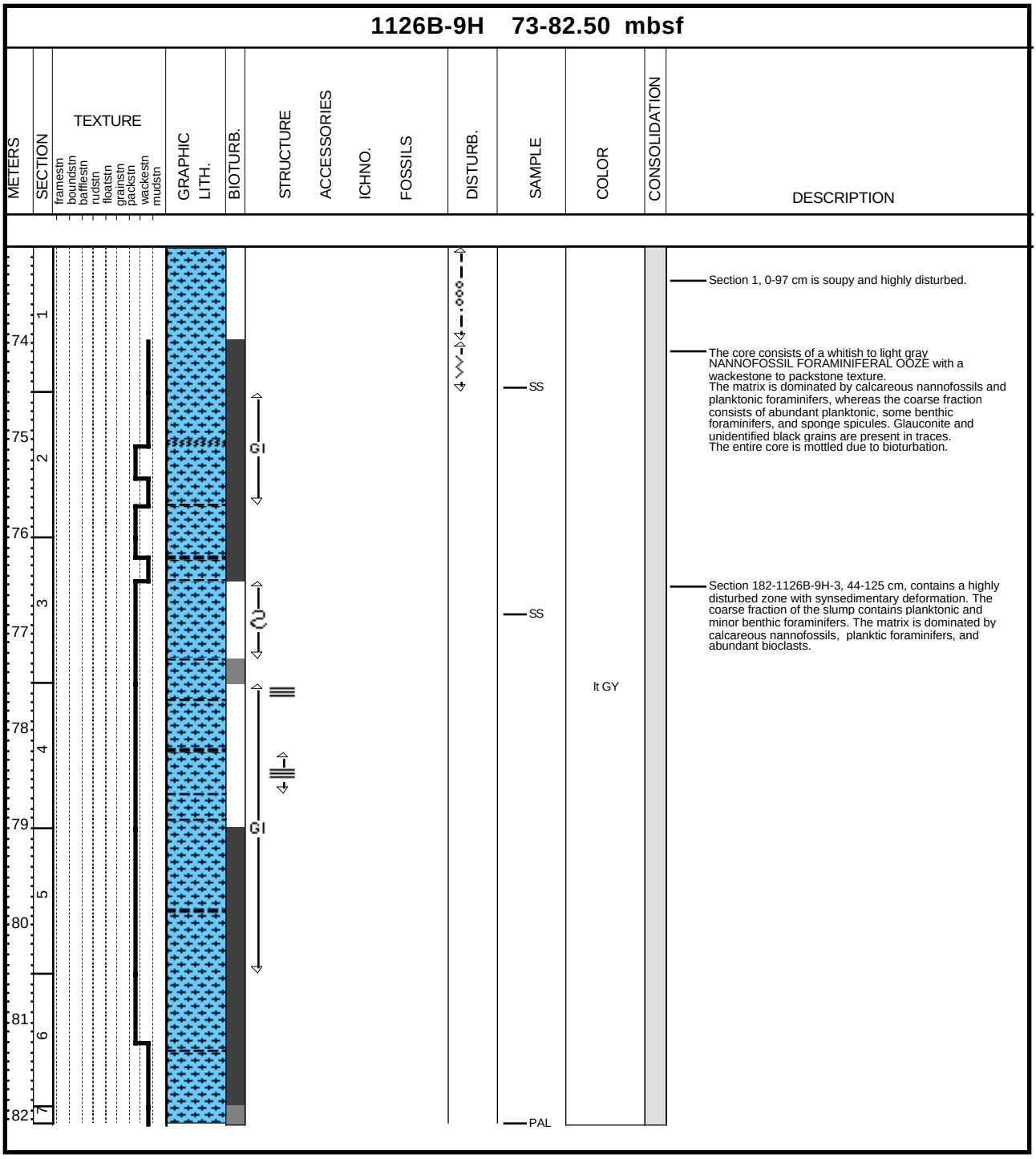
Core Photo


1126B-7H 54-63.50 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
GI
SS
SS
IW
SS
SS
PAL
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
lt GY
med GY
lt GY
med GY
mlt GY
med GY
mlt GY
lt GY
A NANNOFOSSIL-FORAMINIFERAL OOZE with glauconite grains represents the main lithology. There is no dominant texture throughout the core. It consists of alternating wackestone and packstone layers.
The matrix contains calcareous nannofossils and planktonic foraminifers.
The coarse fraction is dominated by planktonic foraminifers, glauconite grains, planktonic foraminifers filled with glauconite, minor amounts of benthic foraminifers, and echinoid spines.
Light gray layers containing up to 10% glauconite and of mainly wackestone texture alternate with gray layers containing up to 20% glauconite grains and showing a packstone to grainstone texture. The boundaries are burrowed.
Deposits in sections 1-4 are mottled due to bioturbation.
Section 1126B-7H-3, 131-142 cm: Large white concretion with a mudstone-wackestone texture.
Section 5, 22 cm through 70 cm is characterized by steeply inclined, slightly contorted coarser graded layers (soft sediment deformation). The NANNOFOSSIL OOZE has a grainstone texture with ca. 20% glauconite and a wackestone texture with ca. 10% glauconite.
The NANNOFOSSIL OOZE with bioclasts in the lower part of Section 6, 72-150 cm contains 20-30% lithified granule to pebble-size lumps which are either lithified burrows or clasts.

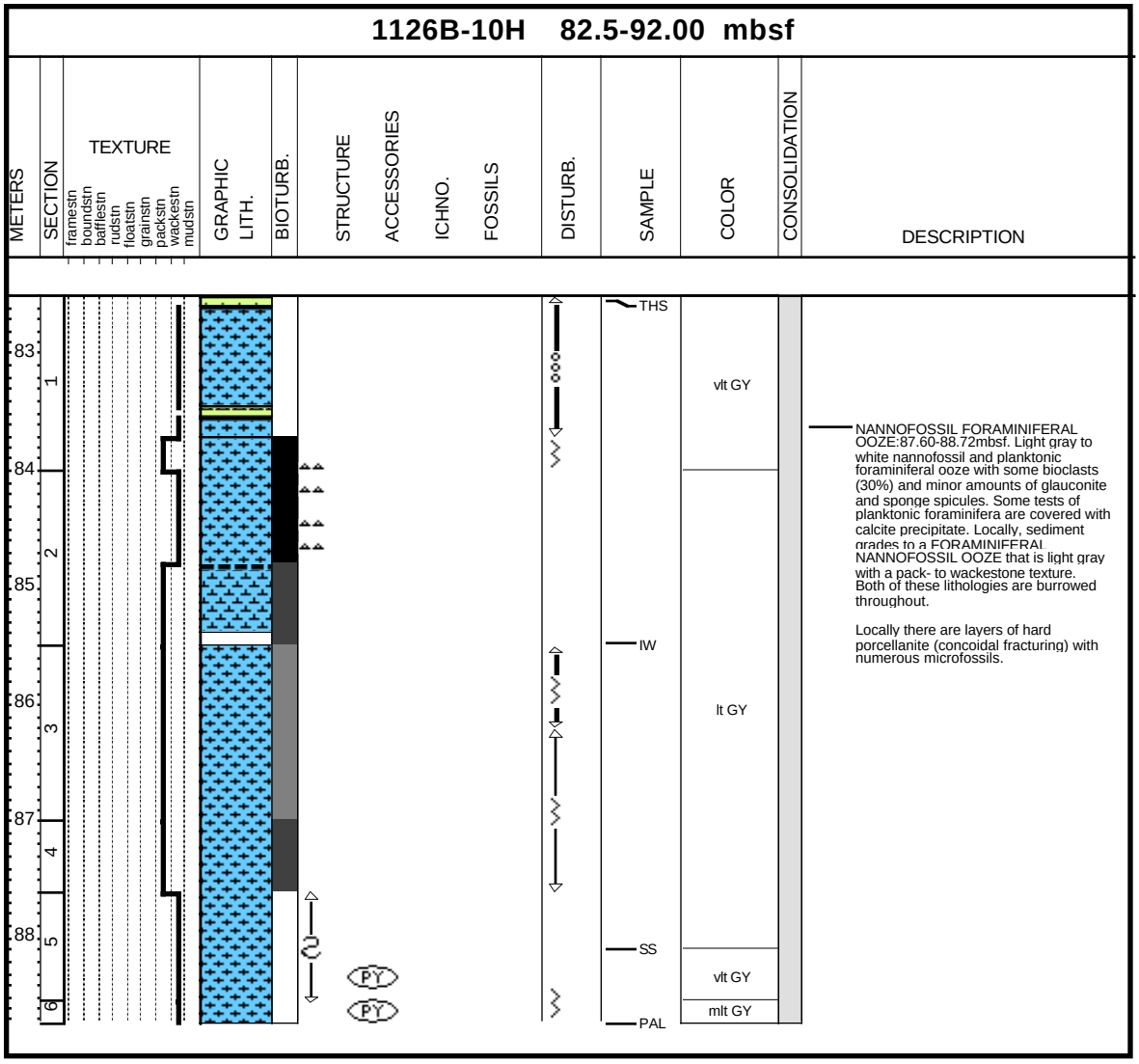
Core Photo


1126B-8H 63.5-73.00 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
64
65
66
67
68
69
70
71
72
73
1
2
3
4
5
6
7
CC
SS
SS
IW
SS
PAL
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
A white to light gray NANNOFOSSIL OOZE with a wackestone texture dominates this core.
The matrix is composed of calcareous nannofossils, abundant bioclasts, and sponge spicules.
The coarse fraction consists of planktonic and benthic foraminifers, bioclasts, sponge spicules, and glauconite grains.
Color changes between lighter and darker, somewhat grainier layers are very subtle due to heavy bioturbation.
The entire core is mottled due to bioturbation.
Section 182-1126B-8H-1, 66-72 cm consists of a whitish gray FORAMINIFERAL NANNOFOSSIL CHALK. The boundaries are disturbed due to drilling.

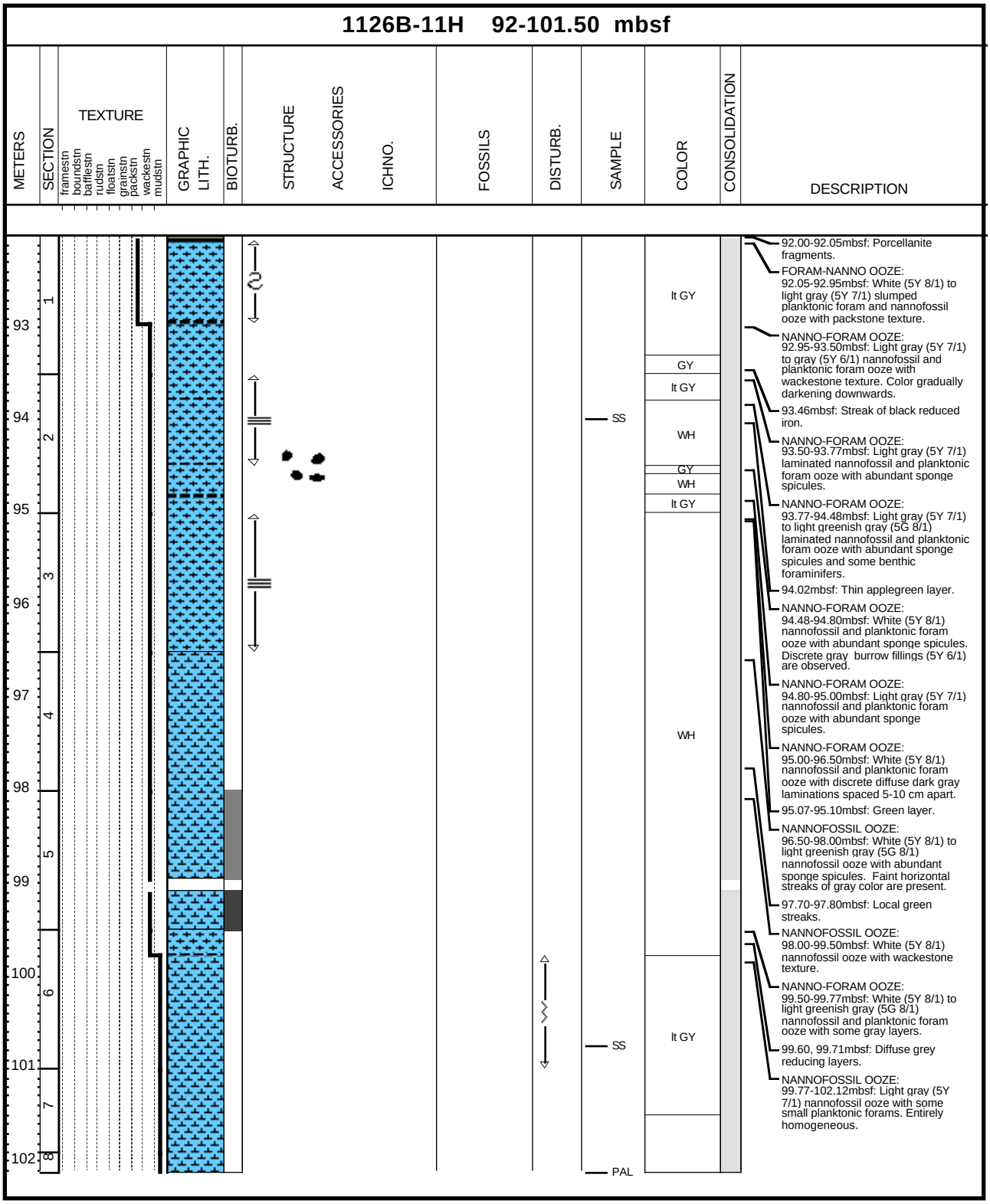
Core Photo


1126B-9H 73-82.50 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffiestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
74
75
76
77
78
79
80
81
82
1
2
3
4
5
6
7
GI
SS
SS
PAL
lt GY
Section 1, 0-97 cm is soupy and highly disturbed.
The core consists of a whitish to light gray NANNOFOSSIL FORAMINIFERAL OOZE with a wackestone to packstone texture.
The matrix is dominated by calcareous nannofossils and planktonic foraminifers, whereas the coarse fraction consists of abundant planktonic, some benthic foraminifers, and sponge spicules. Glauconite and unidentified black grains are present in traces.
The entire core is mottled due to bioturbation.
Section 182-1126B-9H-3, 44-125 cm, contains a highly disturbed zone with synsedimentary deformation. The coarse fraction of the slump contains planktonic and minor benthic foraminifers. The matrix is dominated by calcareous nannofossils, planktic foraminifers, and abundant bioclasts.

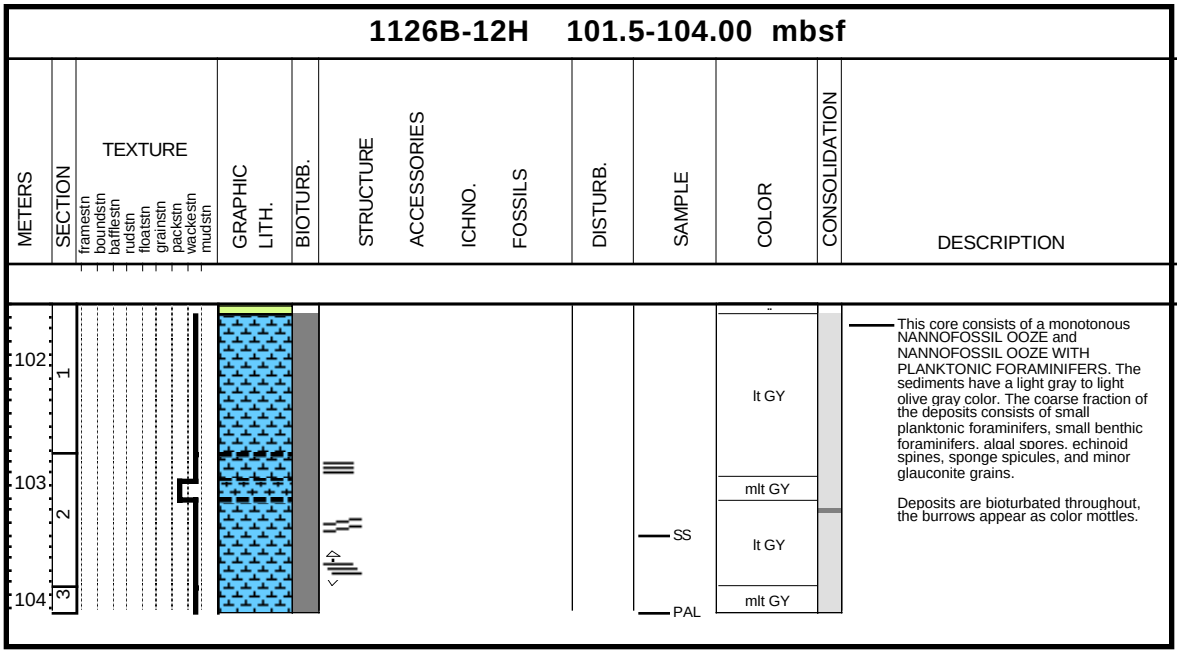
Core Photo


1126B-10H 82.5-92.00 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
83
84
85
86
87
88
1
2
3
4
5
6
THS
IW
SS
PAL
PY
PY
vlt GY
lt GY
vlt GY
mlt GY
NANNOFOSSIL FORAMINIFERAL OOZE:87.60-88.72mbsf. Light gray to white nannofossil and planktonic foraminiferal ooze with some bioclasts (30%) and minor amounts of glauconite and sponge spicules. Some tests of planktonic foraminifera are covered with calcite precipitate. Locally, sediment grades to a FORAMINIFERAL NANNOFOSSIL OOZE that is light gray with a pack- to wackestone texture. Both of these lithologies are burrowed throughout.
Locally there are layers of hard porcellanite (concoidal fracturing) with numerous microfossils.

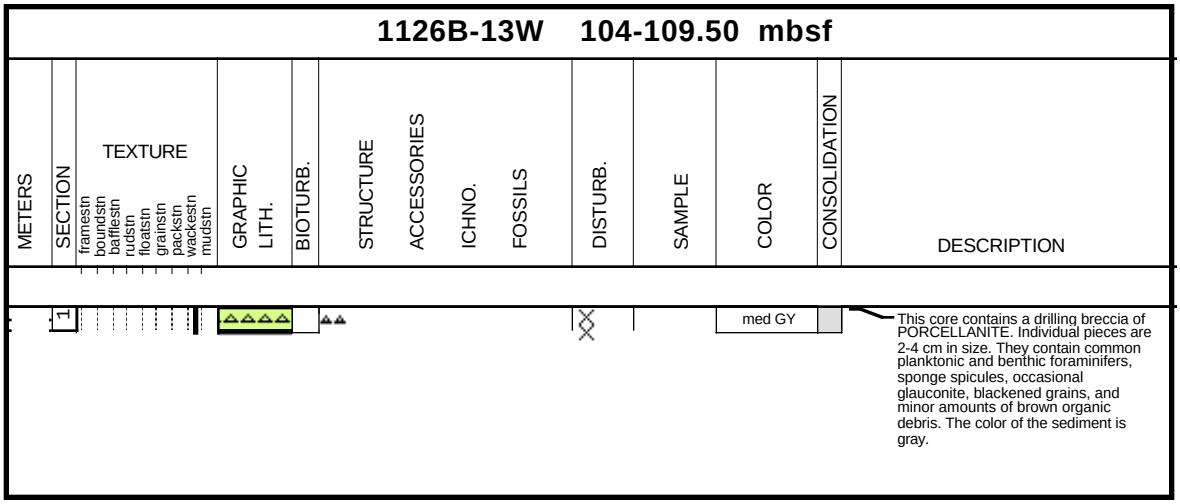
Core Photo


1126B-11H 92-101.50 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
93
94
95
96
97
98
99
100
101
102
SS
SS
PAL
lt GY
GY
lt GY
WH
GY
WH
lt GY
WH
lt GY
92.00-92.05mbsf: Porcellanite fragments.
FORAM-NANNO OOZE: 92.05-92.95mbsf: White (5Y 8/1) to light gray (5Y 7/1) slumped planktonic foram and nannofossil ooze with packstone texture.
NANNO-FORAM OOZE: 92.95-93.50mbsf: Light gray (5Y 7/1) to gray (5Y 6/1) nannofossil and planktonic foram ooze with wackestone texture. Color gradually darkening downwards.
93.46mbsf: Streak of black reduced iron.
NANNO-FORAM OOZE: 93.50-93.77mbsf: Light gray (5Y 7/1) laminated nannofossil and planktonic foram ooze with abundant sponge spicules.
NANNO-FORAM OOZE: 93.77-94.48mbsf: Light gray (5Y 7/1) to light greenish gray (5G 8/1) laminated nannofossil and planktonic foram ooze with abundant sponge spicules and some benthic foraminifers.
94.02mbsf: Thin applegreen layer.
NANNO-FORAM OOZE: 94.48-94.80mbsf: White (5Y 8/1) nannofossil and planktonic foram ooze with abundant sponge spicules. Discrete gray burrow fillings (5Y 6/1) are observed.
NANNO-FORAM OOZE: 94.80-95.00mbsf: Light gray (5Y 7/1) nannofossil and planktonic foram ooze with abundant sponge spicules.
NANNO-FORAM OOZE: 95.00-96.50mbsf: White (5Y 8/1) nannofossil and planktonic foram ooze with discrete diffuse dark gray laminations spaced 5-10 cm apart.
95.07-95.10mbsf: Green layer.
NANNOFOSSIL OOZE: 96.50-98.00mbsf: White (5Y 8/1) to light greenish gray (5G 8/1) nannofossil ooze with abundant sponge spicules. Faint horizontal streaks of gray color are present.
97.70-97.80mbsf: Local green streaks.
NANNOFOSSIL OOZE: 98.00-99.50mbsf: White (5Y 8/1) nannofossil ooze with wackestone texture.
NANNO-FORAM OOZE: 99.50-99.77mbsf: White (5Y 8/1) to light greenish gray (5G 8/1) nannofossil and planktonic foram ooze with some gray layers.
99.60, 99.71mbsf: Diffuse grey reducing layers.
NANNOFOSSIL OOZE: 99.77-102.12mbsf: Light gray (5Y 7/1) nannofossil ooze with some small planktonic forams. Entirely homogeneous.

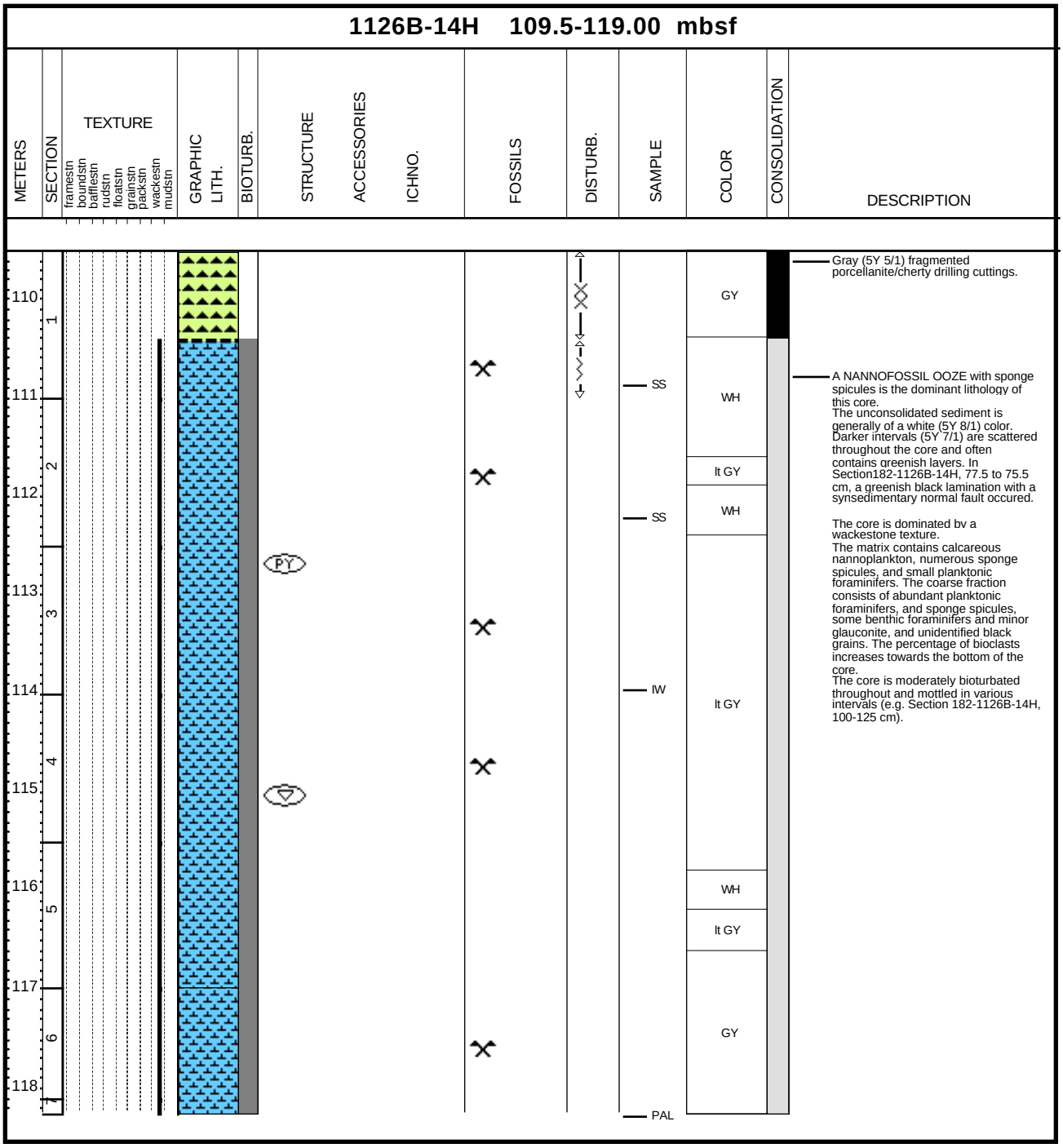
Core Photo


1126B-12H 101.5-104.00 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
102
103
104
1
2
3
SS
PAL
lt GY
mlt GY
lt GY
mlt GY
This core consists of a monotonous NANNOFOSSIL OOZE and NANNOFOSSIL OOZE WITH PLANKTONIC FORAMINIFERS. The sediments have a light gray to light olive gray color. The coarse fraction of the deposits consists of small planktonic foraminifers, small benthic foraminifers, algal spores, echinoid spines, sponge spicules, and minor glauconite grains.
Deposits are bioturbated throughout, the burrows appear as color mottles.

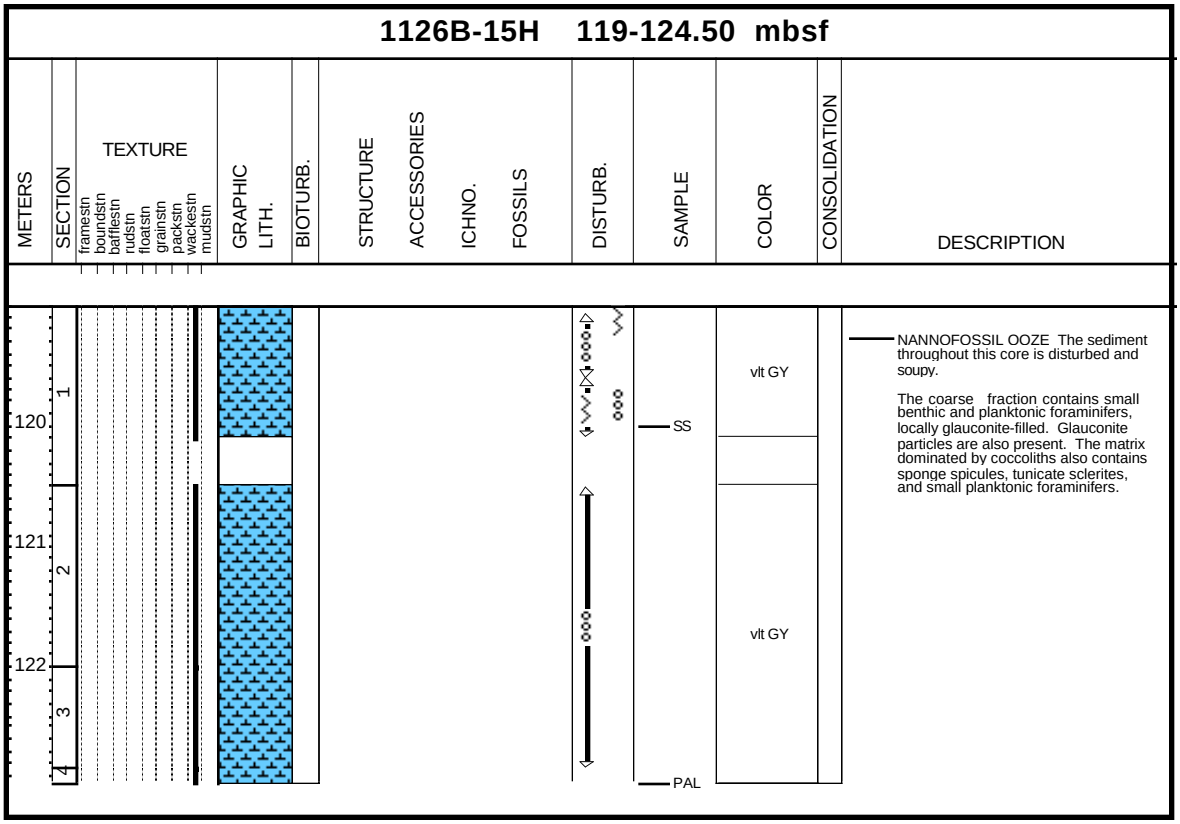
Core Photo


1126B-13W 104-109.50 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
1
med GY
This core contains a drilling breccia of PORCELLANITE. Individual pieces are 2-4 cm in size. They contain common planktonic and benthic foraminifers, sponge spicules, occasional glauconite, blackened grains, and minor amounts of brown organic debris. The color of the sediment is gray.

Core Photo

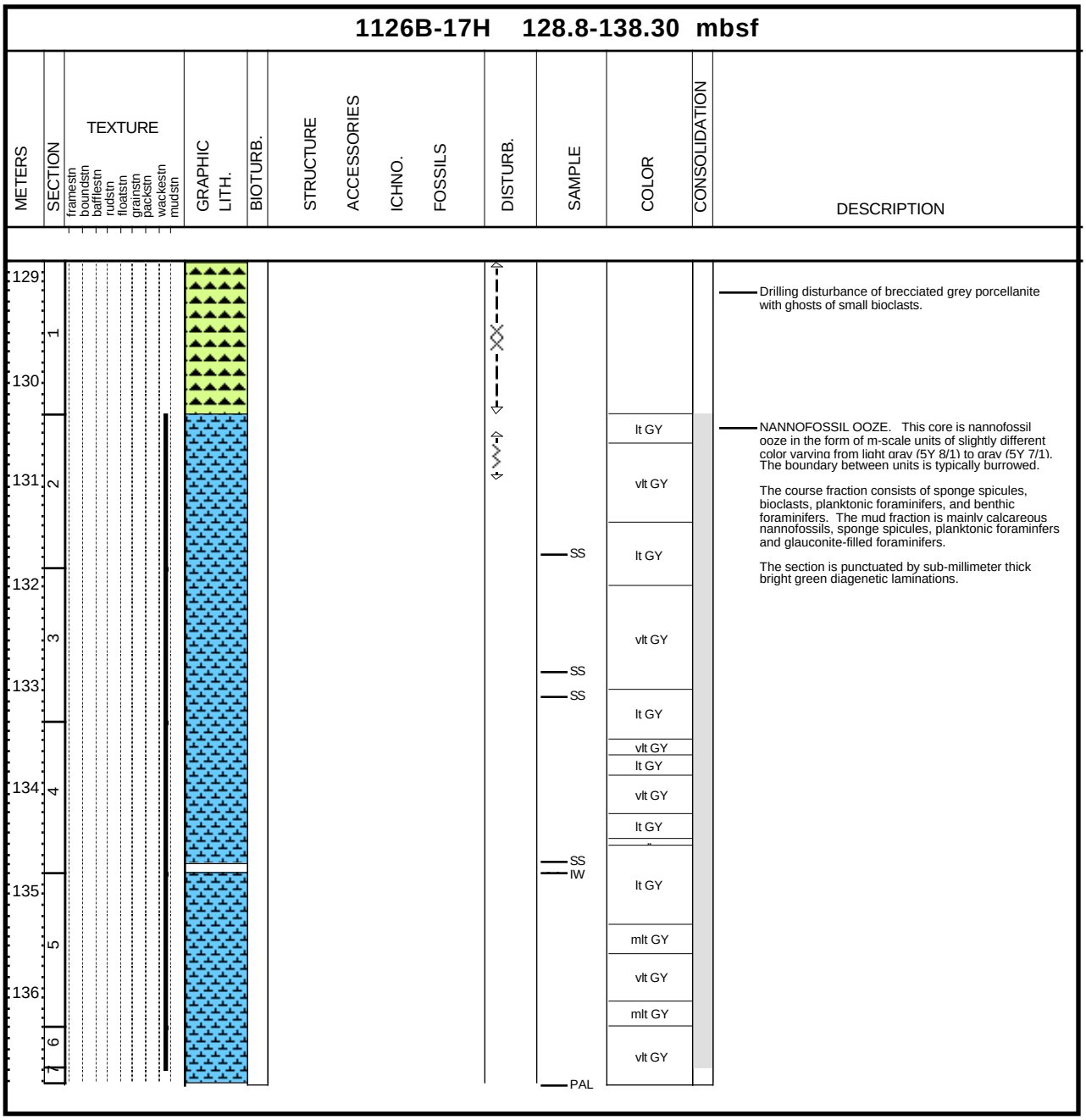

1126B-14H 109.5-119.00 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
110
111
112
113
114
115
116
117
118
1
2
3
4
5
6
7
PY
SS
SS
IW
PAL
GY
WH
lt GY
WH
lt GY
WH
lt GY
GY
Gray (5Y 5/1) fragmented porcellanite/cherty drilling cuttings.
A NANNOFOSSIL OOZE with sponge spicules is the dominant lithology of this core.
The unconsolidated sediment is generally of a white (5Y 8/1) color. Darker intervals (5Y 7/1) are scattered throughout the core and often contains greenish layers. In Section182-1126B-14H, 77.5 to 75.5 cm, a greenish black lamination with a synsedimentary normal fault occured.
The core is dominated bv a wackestone texture.
The matrix contains calcareous nannoplankton, numerous sponge spicules, and small planktonic foraminifers. The coarse fraction consists of abundant planktonic foraminifers, and sponge spicules, some benthic foraminifers and minor glauconite, and unidentified black grains. The percentage of bioclasts increases towards the bottom of the core.
The core is moderately bioturbated throughout and mottled in various intervals (e.g. Section 182-1126B-14H, 100-125 cm).

Core Photo

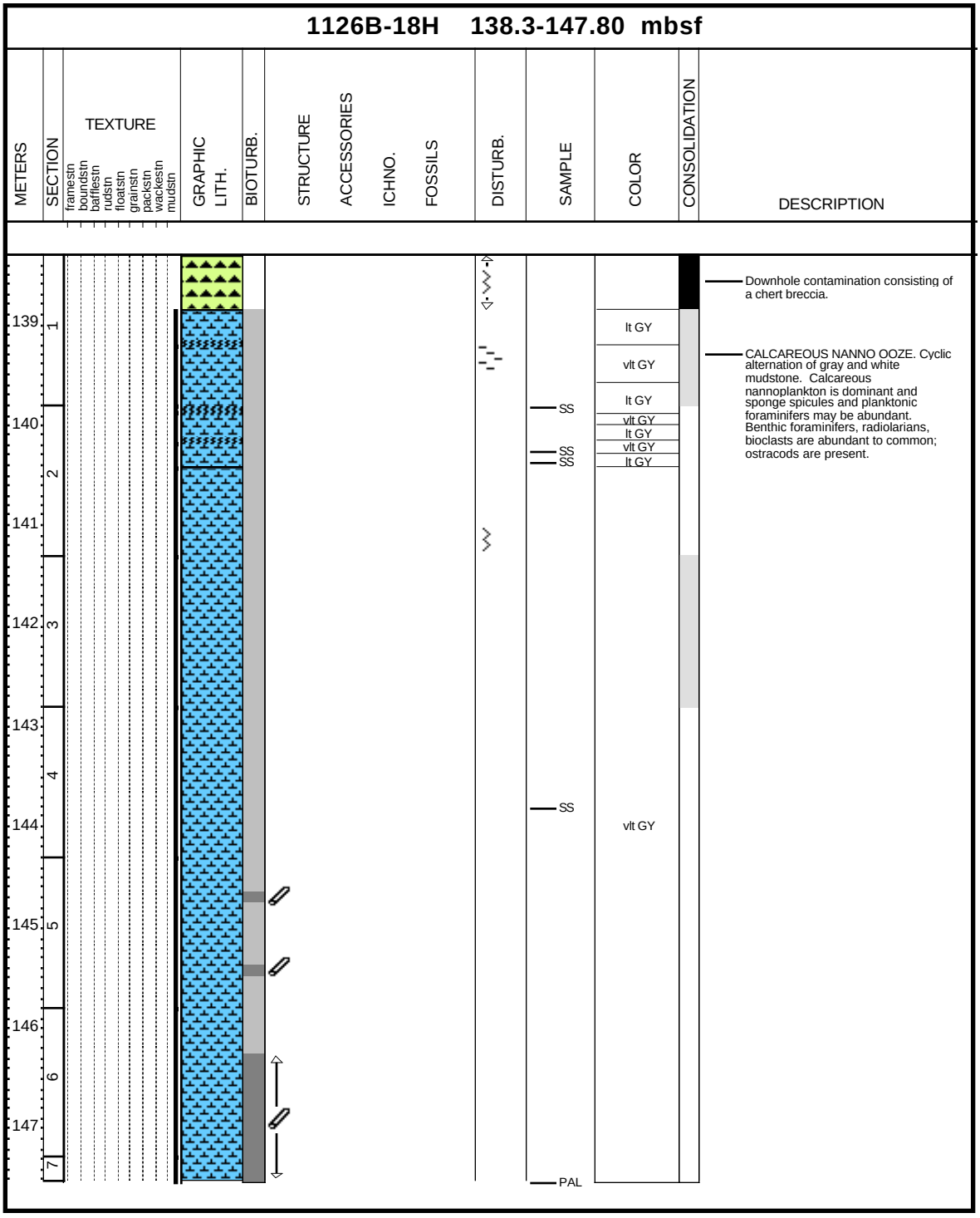


1126B-16W WASH CORE

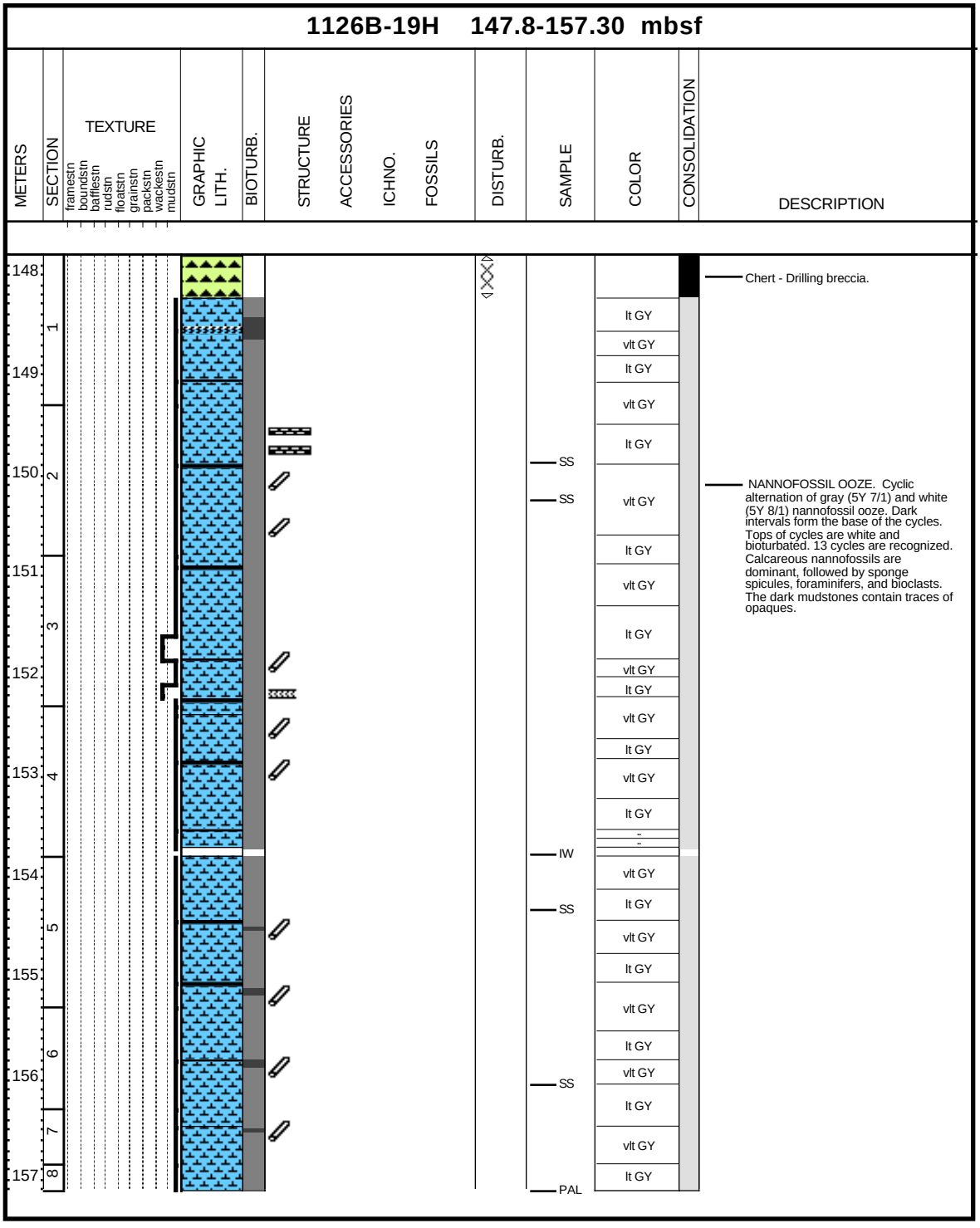
Core Photo


1126B-17H 128.8-138.30 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
129
130
131
132
133
134
135
136
1
2
3
4
5
6
7
SS
SS
SS
IW
PAL
lt GY
vlt GY
lt GY
vlt GY
lt GY
vlt GY
lt GY
vlt GY
lt GY
mlt GY
vlt GY
mlt GY
vlt GY
Drilling disturbance of brecciated grey porcellanite with ghosts of small bioclasts.
NANNOFOSSIL OOZE. This core is nannofossil ooze in the form of m-scale units of slightly different color varying from light gray (5Y 8/1) to gray (5Y 7/1). The boundary between units is typically burrowed.
The course fraction consists of sponge spicules, bioclasts, planktonic foraminifers, and benthic foraminifers. The mud fraction is mainly calcareous nannofossils, sponge spicules, planktonic foraminfers and glauconite-filled foraminifers.
The section is punctuated by sub-millimeter thick bright green diagenetic laminations.

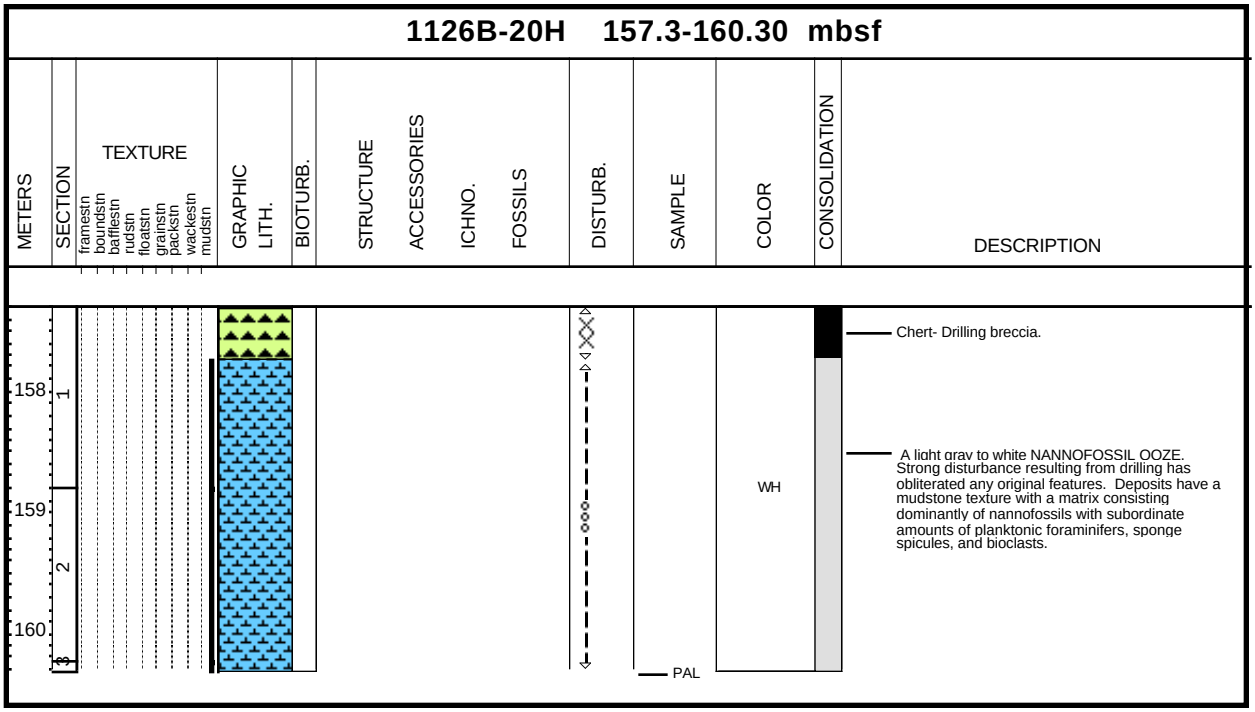
Core Photo


1126B-18H 138.3-147.80 mbsf
METERS
SECTION
TEXTURE
framestn
bourdstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
139
140
141
142
143
144
145
146
147
1
2
3
4
5
6
7
SS
SS
SS
SS
PAL
lt GY
vlt GY
lt GY
vlt GY
lt GY
vlt GY
lt GY
vlt GY
Downhole contamination consisting of a chert breccia.
CALCAREOUS NANNO OOZE. Cyclic alternation of gray and white mudstone. Calcareous nannoplankton is dominant and sponge spicules and planktonic foraminifers may be abundant. Benthic foraminifers, radiolarians, bioclasts are abundant to common; ostracods are present.

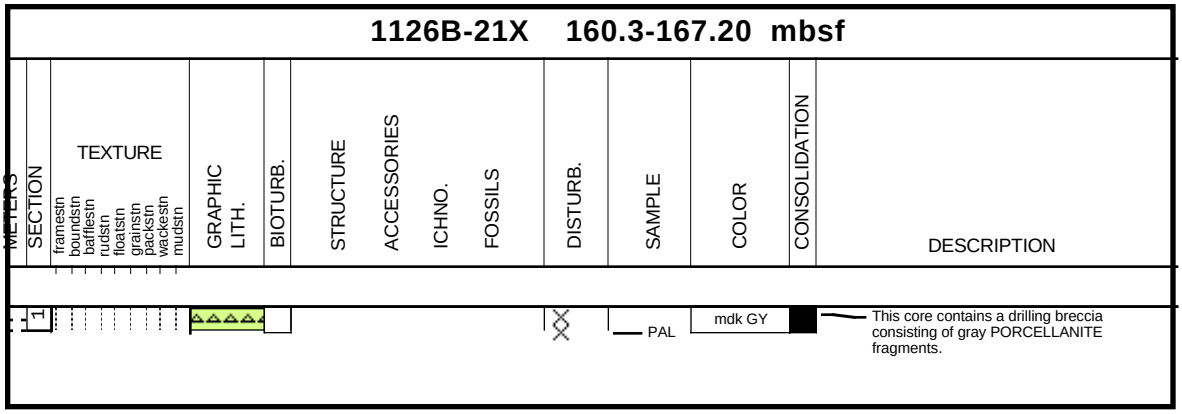
Core Photo


1126B-19H 147.8-157.30 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
148
149
150
151
152
153
154
155
156
157
1
2
3
4
5
6
7
8
SS
SS
IW
SS
SS
PAL
lt GY
vlt GY
Chert - Drilling breccia.
NANNOFOSSIL OOZE. Cyclic alternation of gray (5Y 7/1) and white (5Y 8/1) nannofossil ooze. Dark intervals form the base of the cycles. Tops of cycles are white and bioturbated. 13 cycles are recognized. Calcareous nannofossils are dominant, followed by sponge spicules, foraminifers, and bioclasts. The dark mudstones contain traces of opaques.

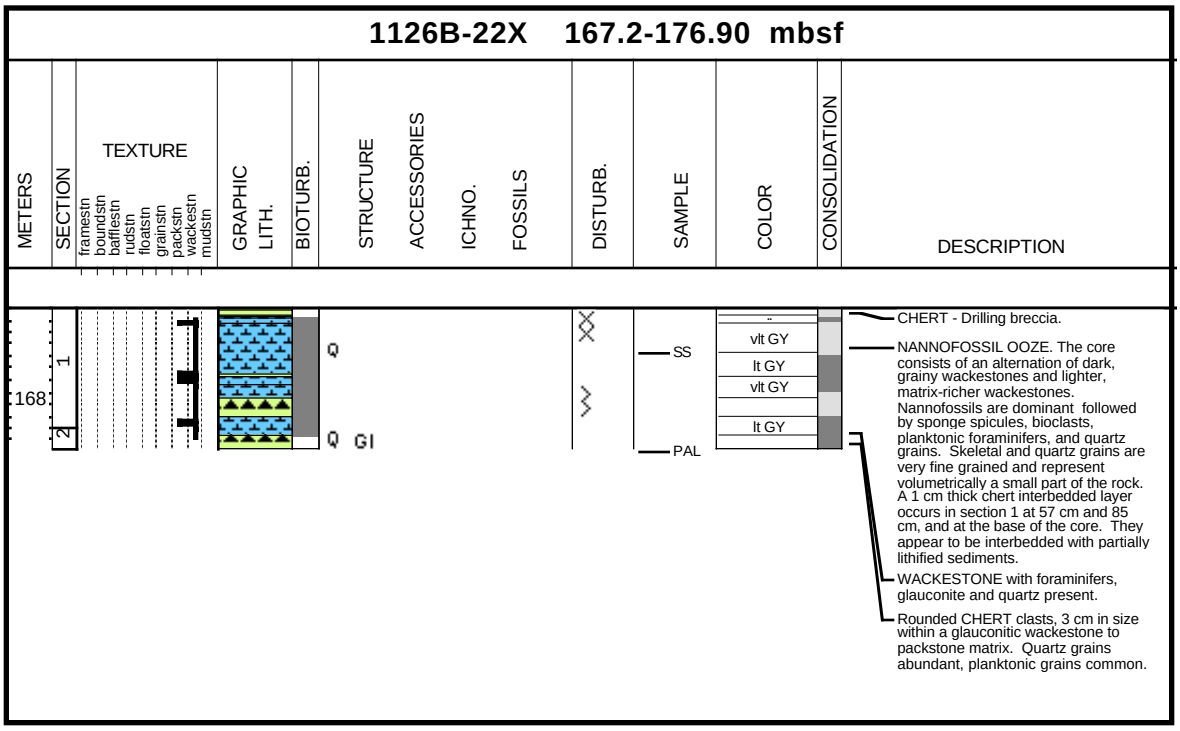
Core Photo


1126B-20H 157.3-160.30 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
158
159
160
1
2
3
WH
PAL
Chert- Drilling breccia.
A light gray to white NANNOFOSSIL OOZE. Strong disturbance resulting from drilling has obliterated any original features. Deposits have a mudstone texture with a matrix consisting dominantly of nannofossils with subordinate amounts of planktonic foraminifers, sponge spicules, and bioclasts.

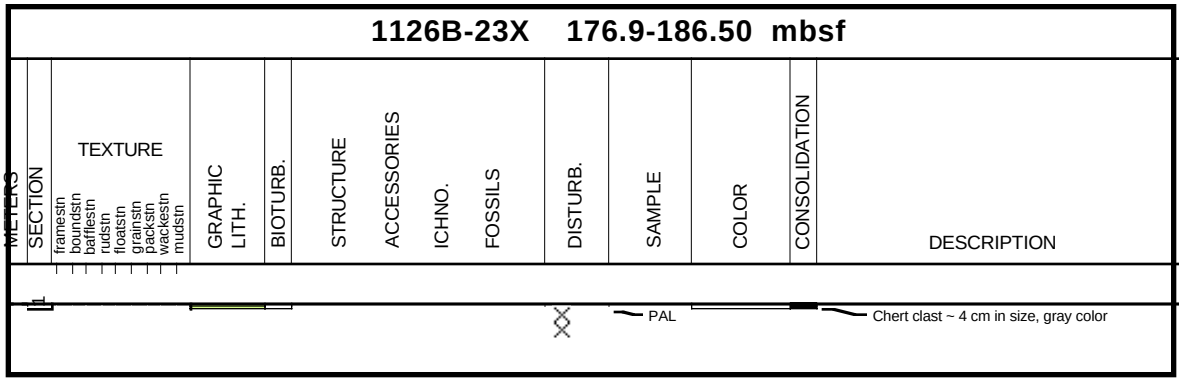
Core Photo


1126B-21X 160.3-167.20 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
1
PAL
mdk GY
This core contains a drilling breccia consisting of gray PORCELLANITE fragments.

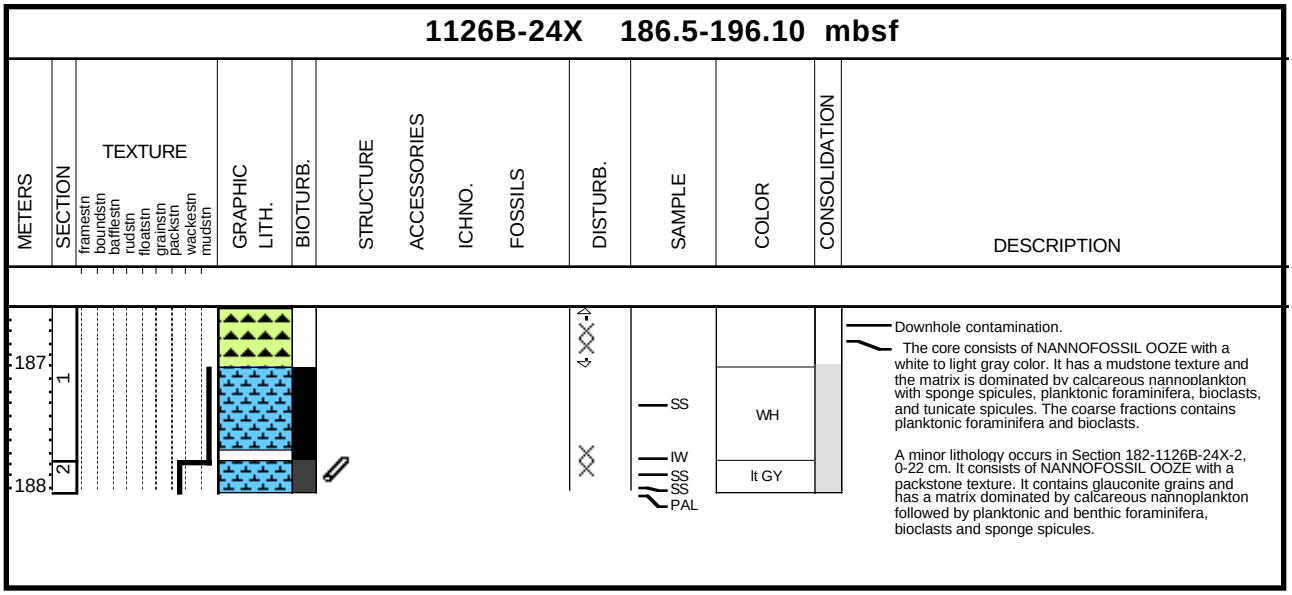
Core Photo


1126B-22X 167.2-176.90 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
168
1
2
Q
Q
GI
SS
PAL
vlt GY
lt GY
vlt GY
lt GY
CHERT - Drilling breccia.
NANNOFOSSIL OOZE. The core consists of an alternation of dark, grainy wackestones and lighter, matrix-richer wackestones. Nannofossils are dominant followed by sponge spicules, bioclasts, planktonic foraminifers, and quartz grains. Skeletal and quartz grains are very fine grained and represent volumetrically a small part of the rock. A 1 cm thick chert interbedded layer occurs in section 1 at 57 cm and 85 cm, and at the base of the core. They appear to be interbedded with partially lithified sediments.
WACKESTONE with foraminifers, glauconite and quartz present.
Rounded CHERT clasts, 3 cm in size within a glauconitic wackestone to packstone matrix. Quartz grains abundant, planktonic grains common.

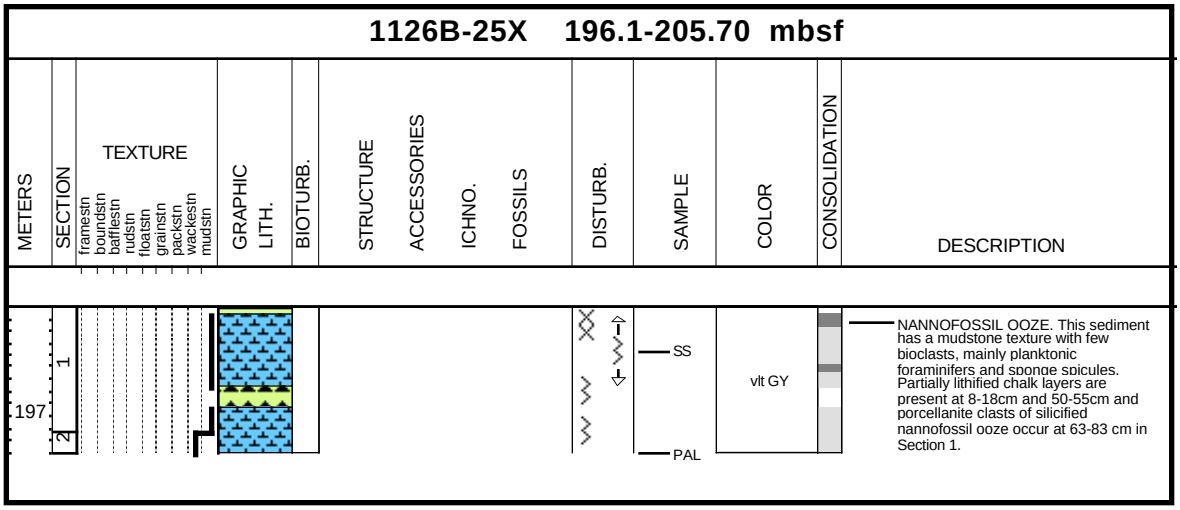
Core Photo


1126B-23X 176.9-186.50 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
PAL
Chert clast ~ 4 cm in size, gray color

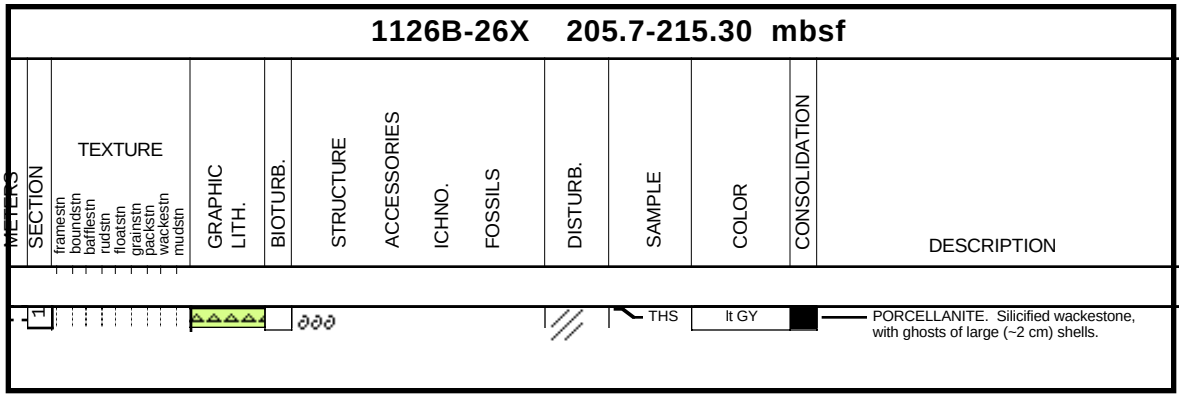
Core Photo


1126B-24X 186.5-196.10 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
187
188
1
2
SS
IW
SS
SS
PAL
WH
lt GY
Downhole contamination.
The core consists of NANNOFOSSIL OOZE with a white to light gray color. It has a mudstone texture and the matrix is dominated by calcareous nannoplankton with sponge spicules, planktonic foraminifera, bioclasts, and tunicate spicules. The coarse fractions contains planktonic foraminifera and bioclasts.
A minor lithology occurs in Section 182-1126B-24X-2, 0-22 cm. It consists of NANNOFOSSIL OOZE with a packstone texture. It contains glauconite grains and has a matrix dominated by calcareous nannoplankton followed by planktonic and benthic foraminifera, bioclasts and sponge spicules.

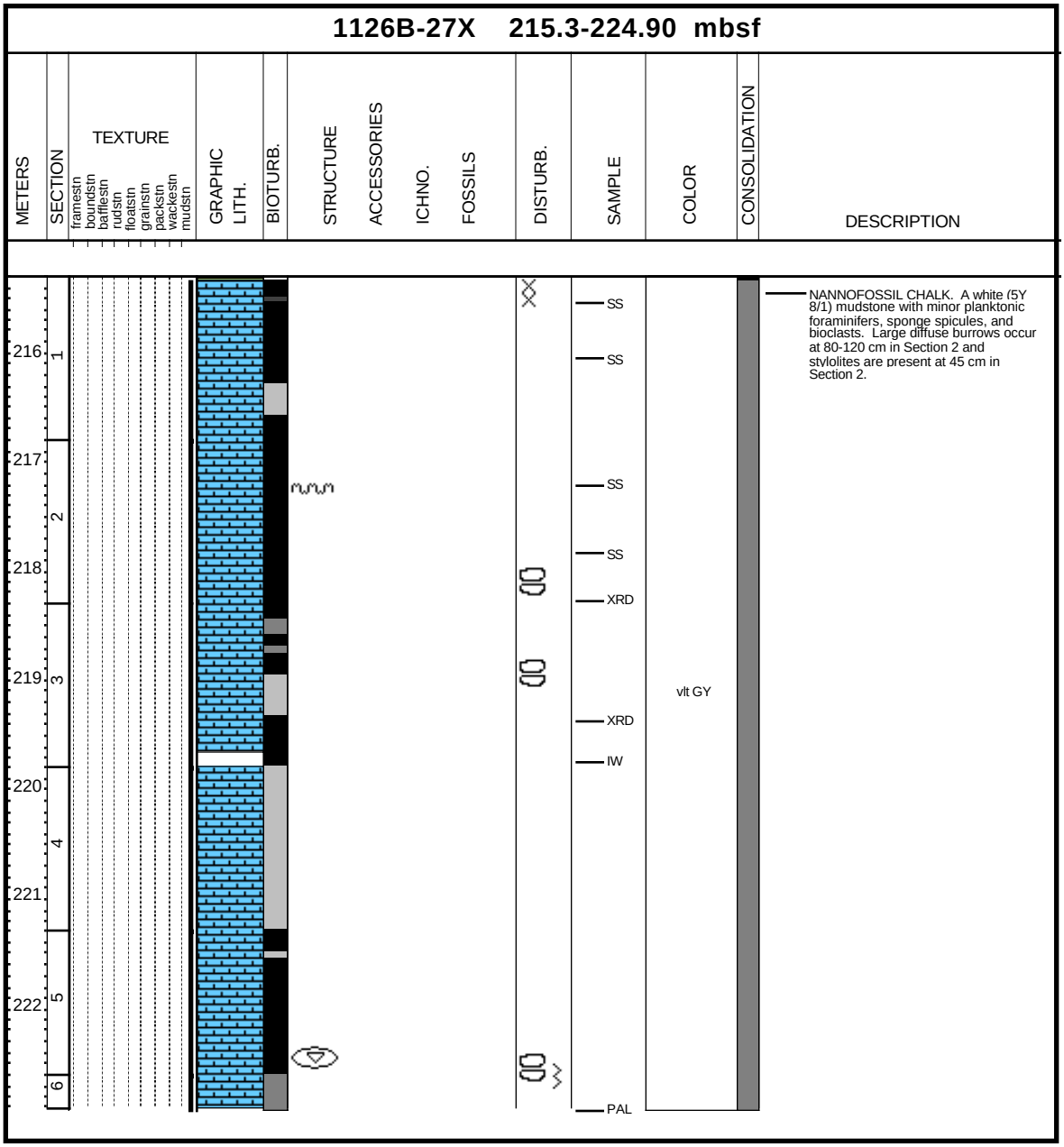
Core Photo


1126B-25X 196.1-205.70 mbsf
METERS
SECTION
TEXTURE
framestn
bndstn
baffstn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
197
1
2
SS
PAL
vlt GY
NANNOFOSSIL OOZE. This sediment has a mudstone texture with few bioclasts, mainly planktonic foraminifers and sponge spicules. Partially lithified chalk layers are present at 8-18cm and 50-55cm and porcellanite clasts of silicified nannofossil ooze occur at 63-83 cm in Section 1.

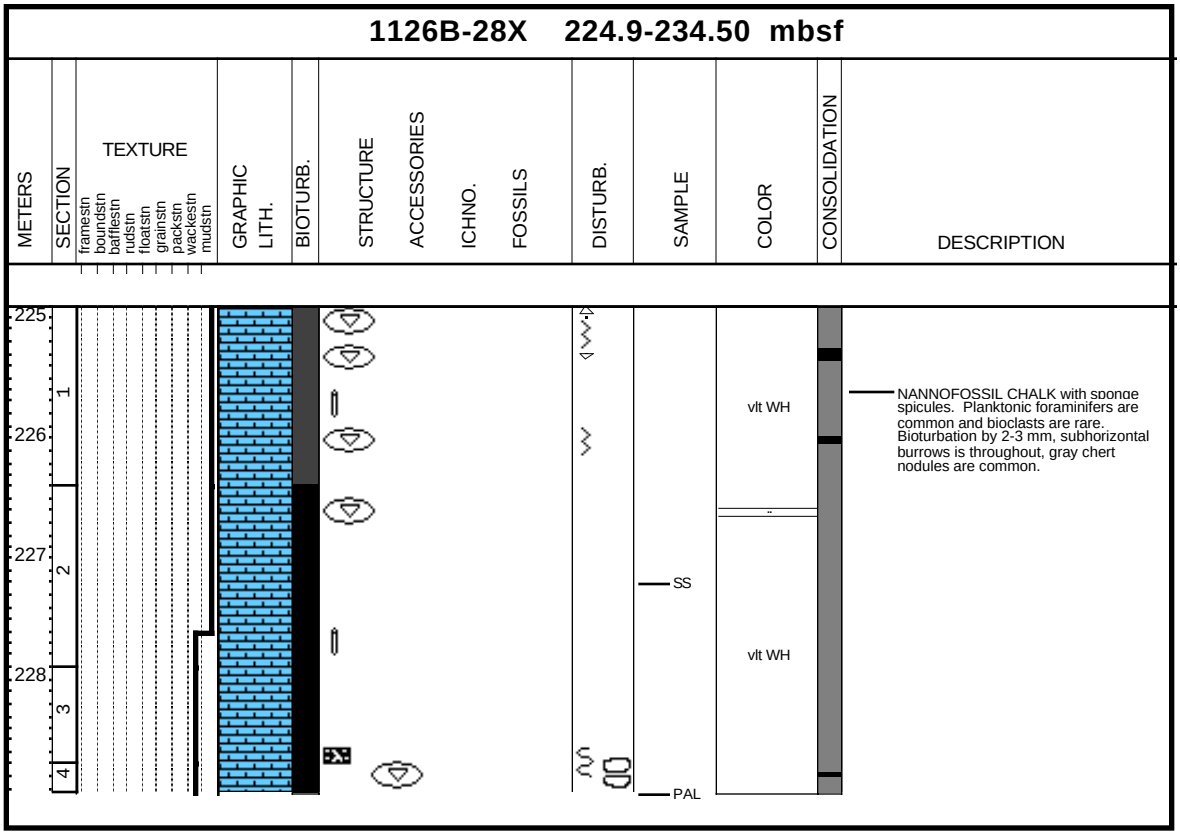
Core Photo


1126B-26X 205.7-215.30 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
1
THS
lt GY
PORCELLANITE. Silicified wackestone, with ghosts of large (~2 cm) shells.

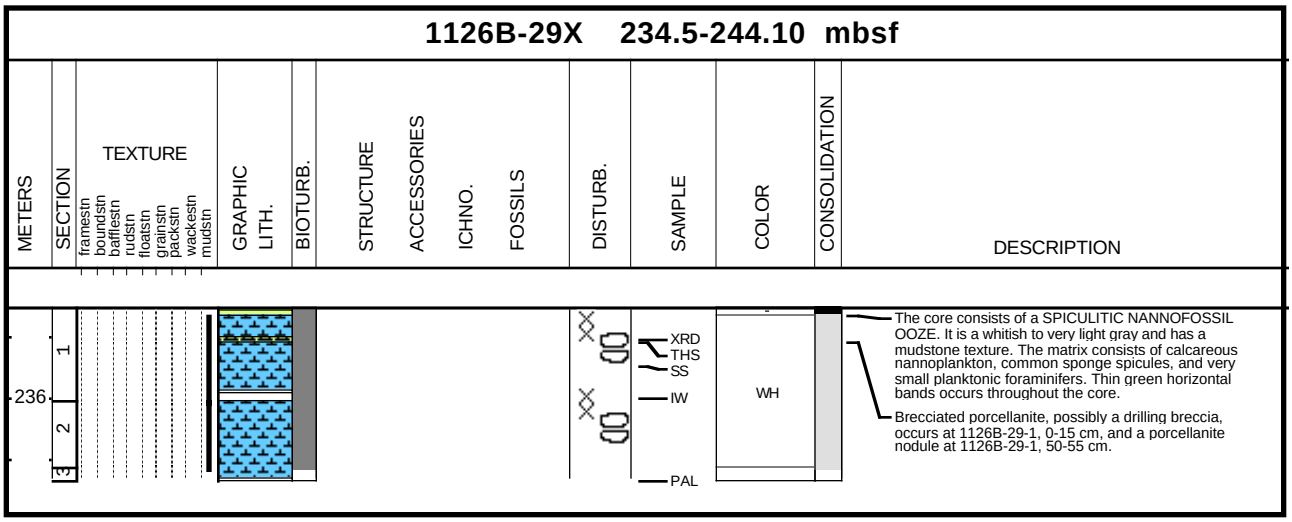
Core Photo


1126B-27X 215.3-224.90 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
216
217
218
219
220
221
222
1
2
3
4
5
6
SS
SS
SS
SS
XRD
XRD
IW
PAL
vlt GY
NANNOFOSSIL CHALK. A white (5Y 8/1) mudstone with minor planktonic foraminifers, sponge spicules, and bioclasts. Large diffuse burrows occur at 80-120 cm in Section 2 and stylolites are present at 45 cm in Section 2.

Core Photo

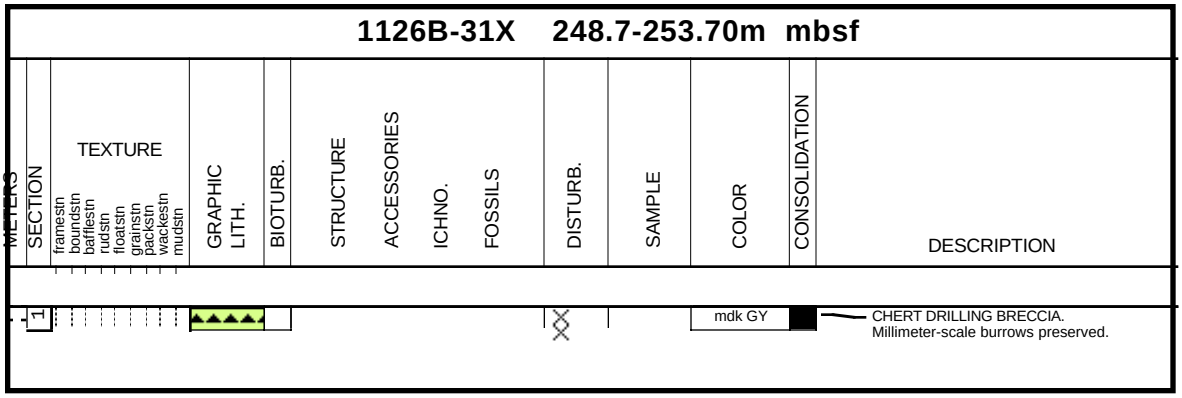

1126B-28X 224.9-234.50 mbsf
METERS
SECTION
TEXTURE
framestn
bourndstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
225
226
227
228
1
2
3
4
SS
PAL
vlt WH
vlt WH
NANNOFOSSIL CHALK with sponge spicules. Planktonic foraminifers are common and bioclasts are rare. Bioturbation by 2-3 mm, subhorizontal burrows is throughout, gray chert nodules are common.

Core Photo

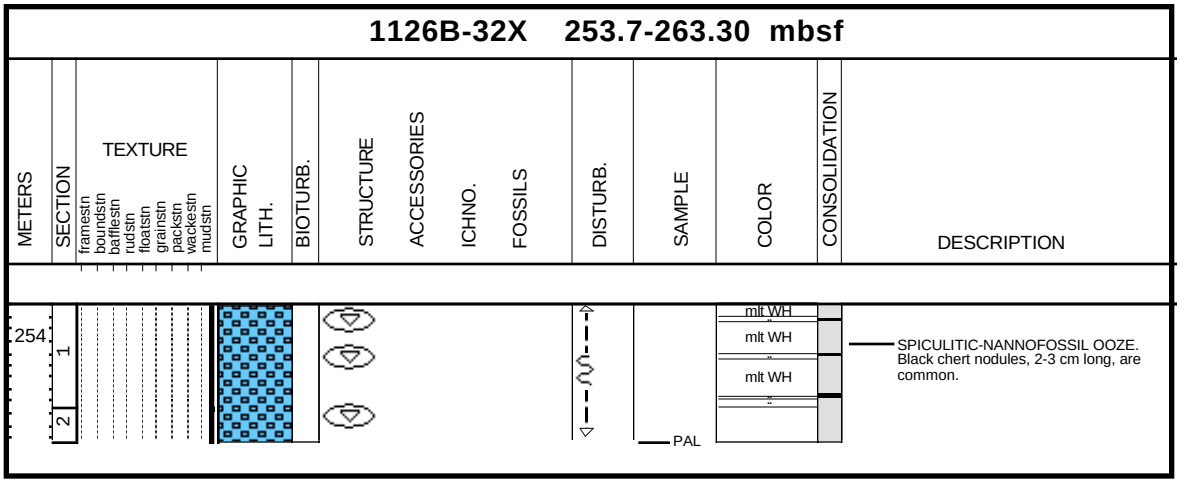


1126B-30X TO PALEO

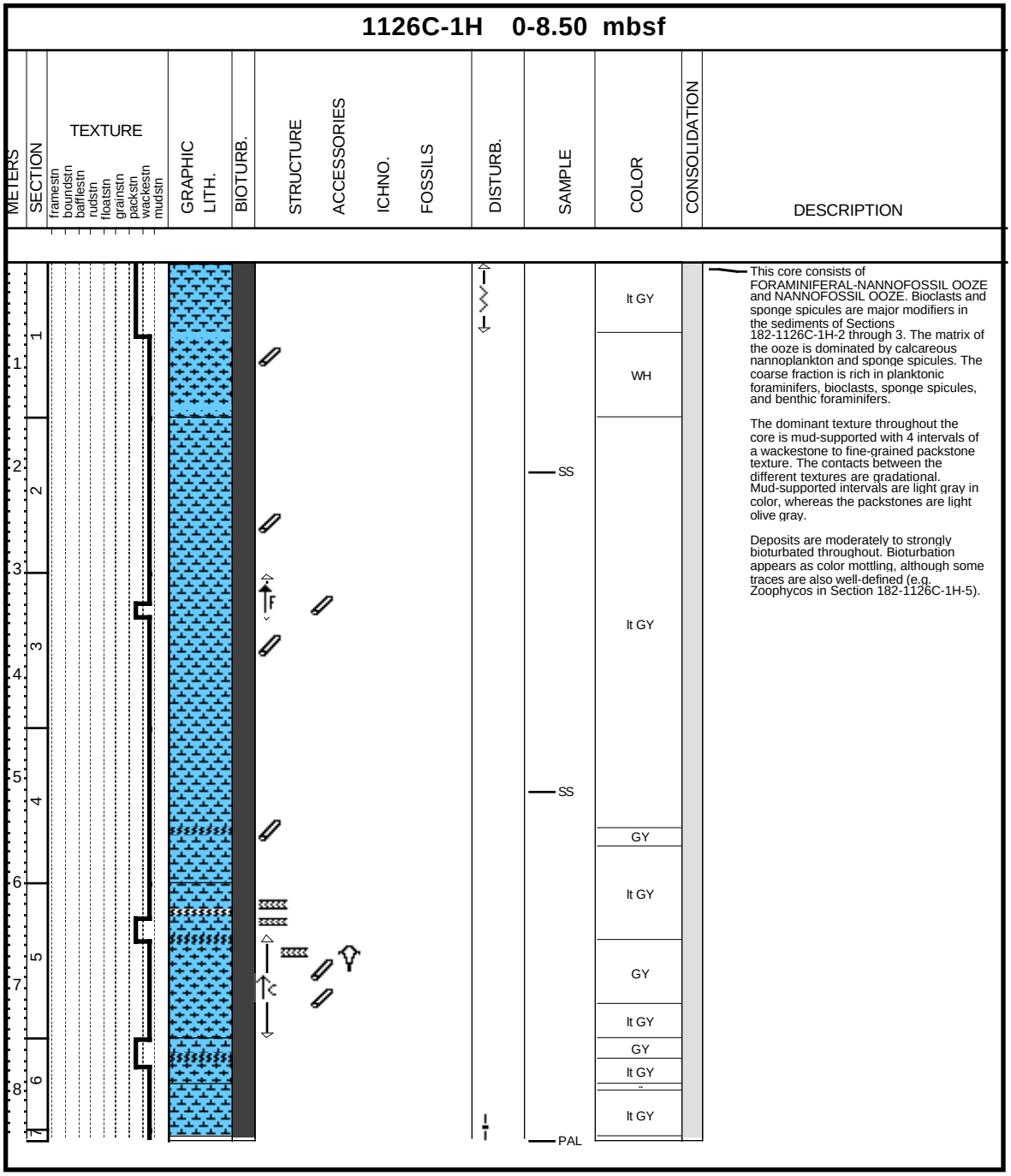
Core Photo


1126B-31X 248.7-253.70m mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
baffiestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
1
mdk GY
CHERT DRILLING BRECCIA.
Millimeter-scale burrows preserved.

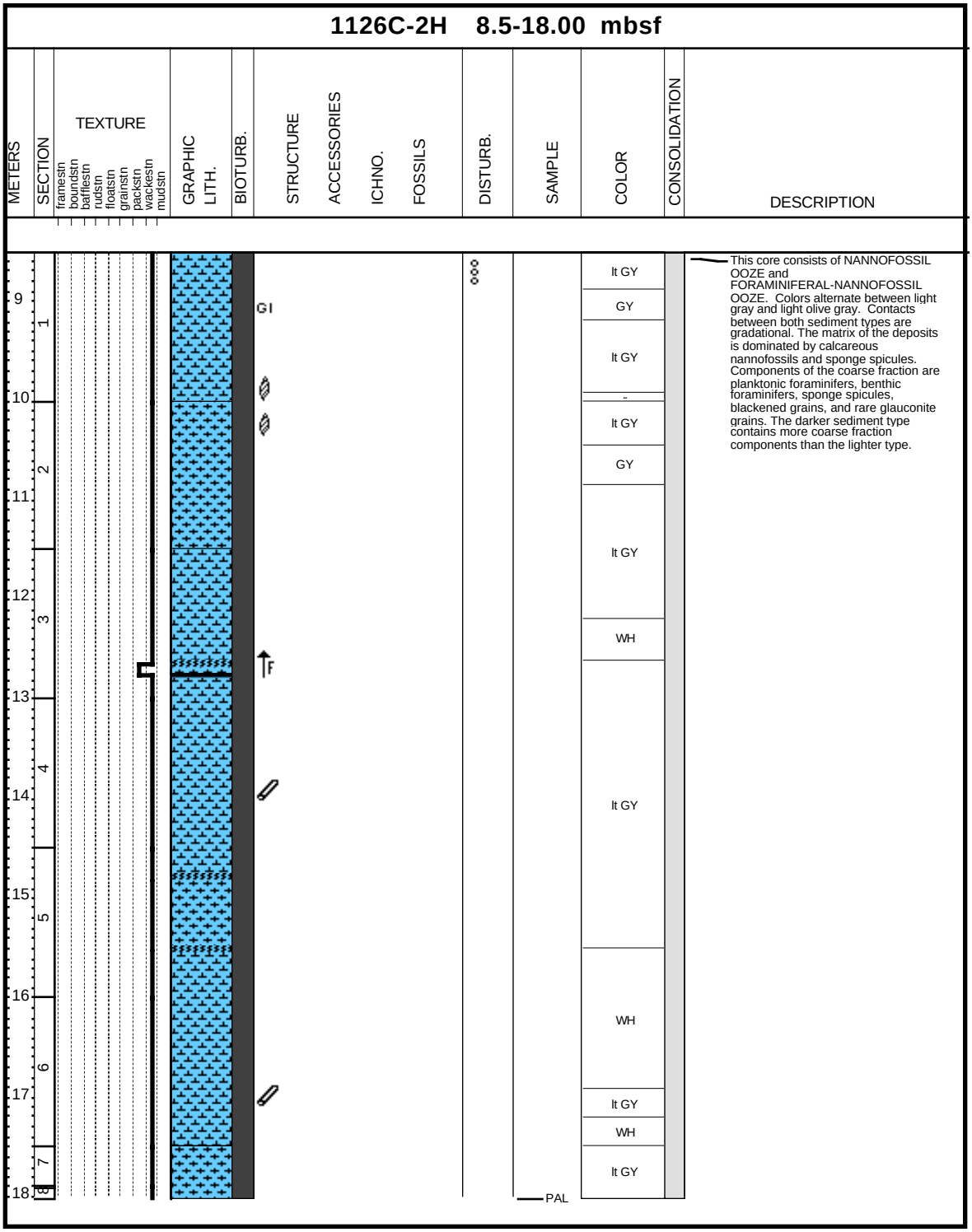
Core Photo


1126B-32X 253.7-263.30 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
254
1
2
mlt WH
mlt WH
mlt WH
PAL
SPICULITIC-NANNOFOSSIL OOZE. Black chert nodules, 2-3 cm long, are common.

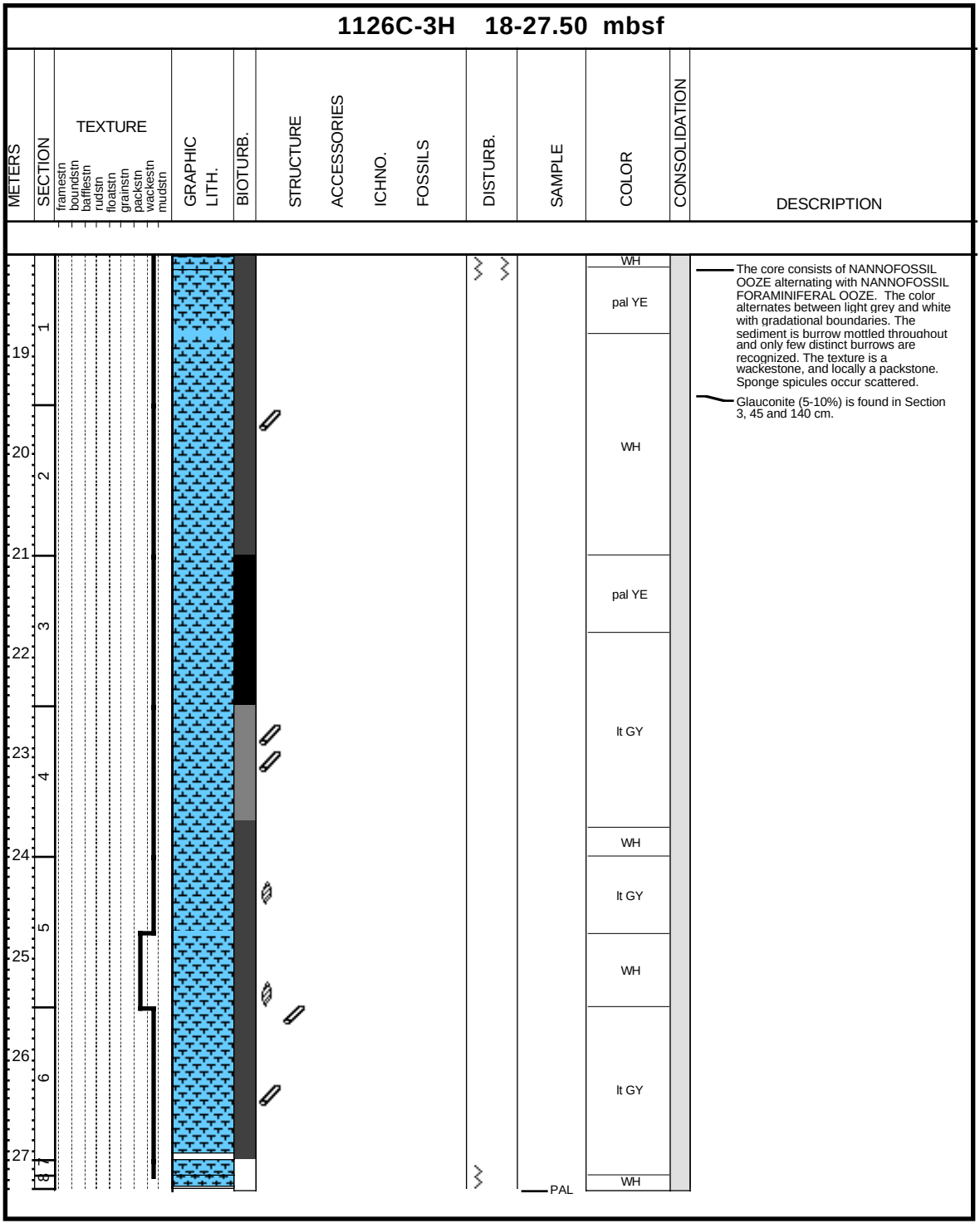
Core Photo


1126C-1H 0-8.50 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
SS
PAL
lt GY
WH
lt GY
GY
lt GY
GY
lt GY
GY
lt GY
lt GY
This core consists of FORAMINIFERAL-NANNOFOSSIL OOZE and NANNOFOSSIL OOZE. Bioclasts and sponge spicules are major modifiers in the sediments of Sections 182-1126C-1H-2 through 3. The matrix of the ooze is dominated by calcareous nannoplankton and sponge spicules. The coarse fraction is rich in planktonic foraminifers, bioclasts, sponge spicules, and benthic foraminifers.
The dominant texture throughout the core is mud-supported with 4 intervals of a wackestone to fine-grained packstone texture. The contacts between the different textures are gradational. Mud-supported intervals are light gray in color, whereas the packstones are light olive gray.
Deposits are moderately to strongly bioturbated throughout. Bioturbation appears as color mottling, although some traces are also well-defined (e.g. Zoophycos in Section 182-1126C-1H-5).

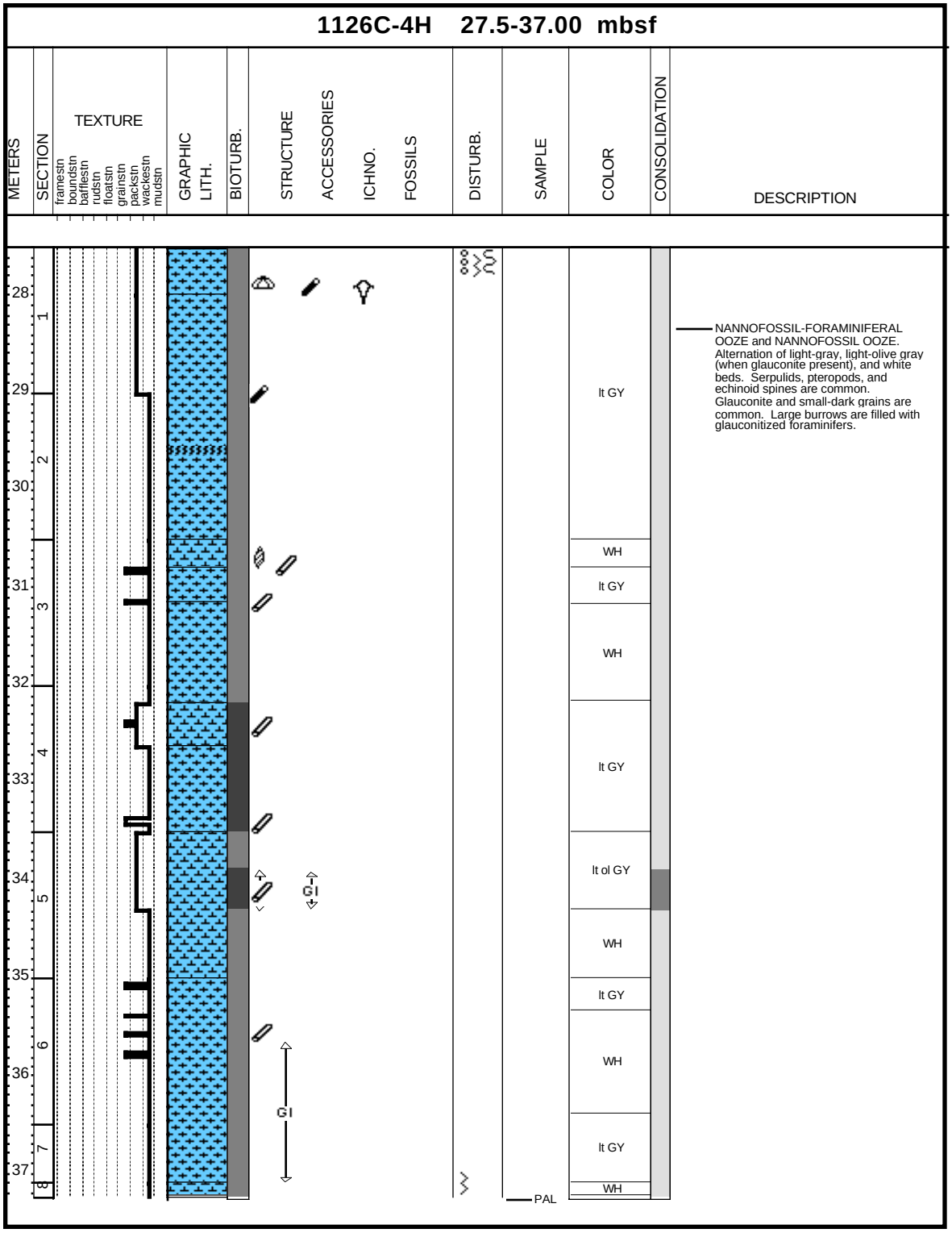
Core Photo


1126C-2H 8.5-18.00 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
batflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
GI
F
PAL
lt GY
GY
lt GY
lt GY
GY
lt GY
WH
lt GY
WH
lt GY
WH
lt GY
This core consists of NANNOFOSSIL OOZE and FORAMINIFERAL-NANNOFOSSIL OOZE. Colors alternate between light gray and light olive gray. Contacts between both sediment types are gradational. The matrix of the deposits is dominated by calcareous nannofossils and sponge spicules. Components of the coarse fraction are planktonic foraminifers, benthic foraminifers, sponge spicules, blackened grains, and rare glauconite grains. The darker sediment type contains more coarse fraction components than the lighter type.

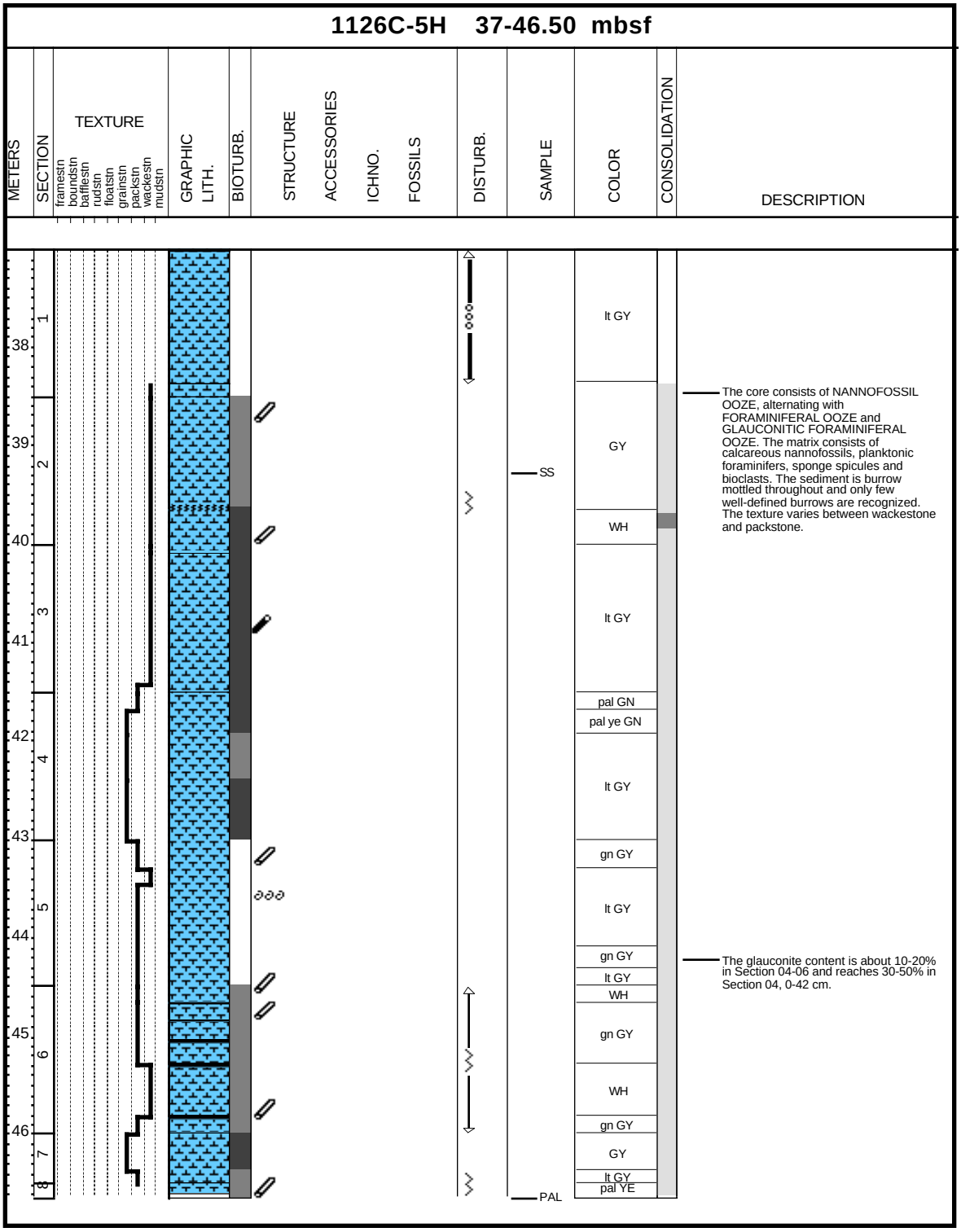
Core Photo


1126C-3H 18-27.50 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
batfliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
19
20
21
22
23
24
25
26
27
1
2
3
4
5
6
7
CC
WH
pal YE
WH
pal YE
lt GY
WH
lt GY
WH
lt GY
WH
PAL
The core consists of NANNOFOSSIL OOZE alternating with NANNOFOSSIL FORAMINIFERAL OOZE. The color alternates between light grey and white with gradational boundaries. The sediment is burrow mottled throughout and only few distinct burrows are recognized. The texture is a wackestone, and locally a packstone. Sponge spicules occur scattered.
Glauconite (5-10%) is found in Section 3, 45 and 140 cm.

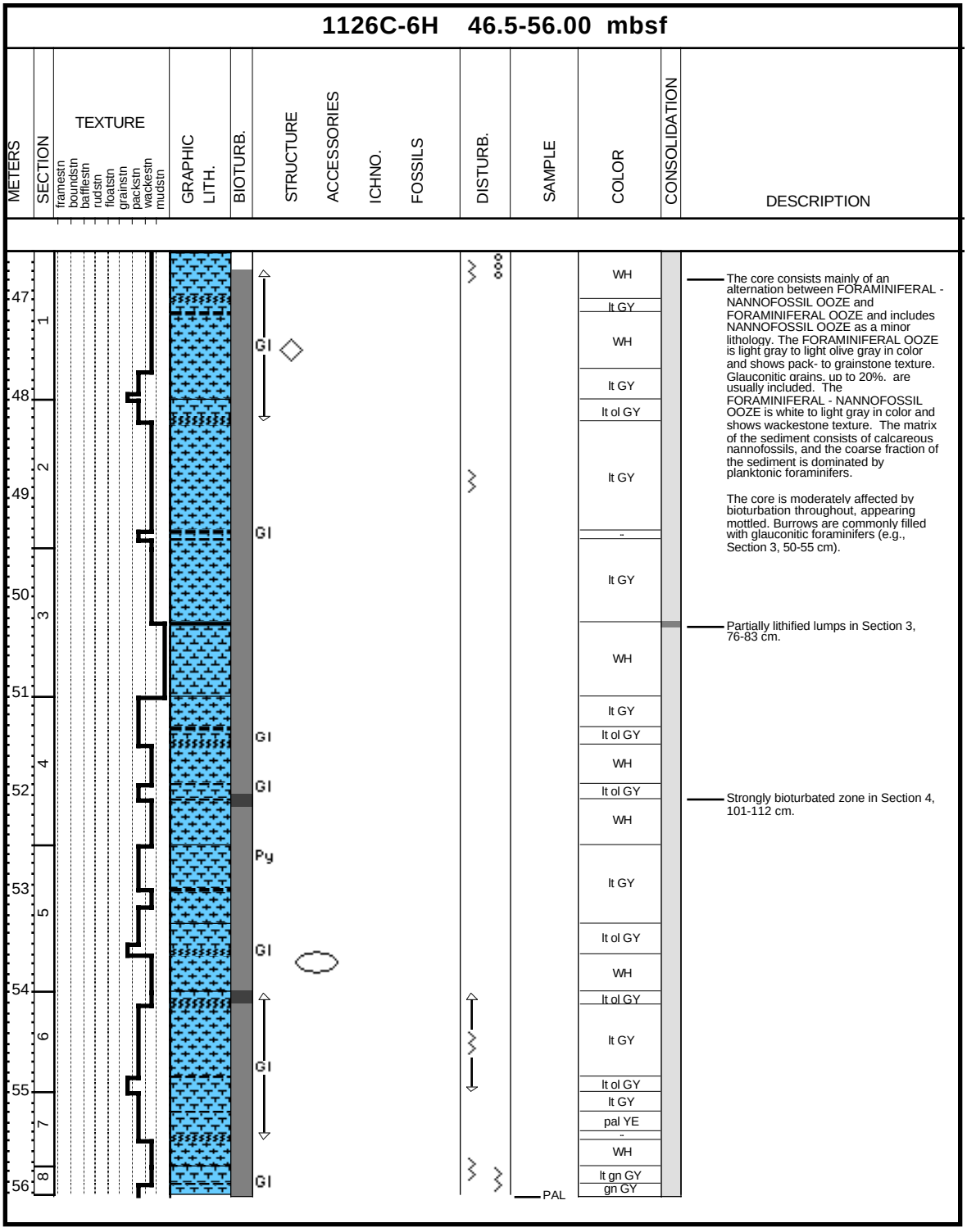
Core Photo


1126C-4H 27.5-37.00 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
28
29
30
31
32
33
34
35
36
37
1
2
3
4
5
6
7
CC
GI
GI
PAL
lt GY
WH
lt GY
WH
lt GY
lt ol GY
WH
lt GY
WH
lt GY
WH
NANNOFOSSIL-FORAMINIFERAL OOZE and NANNOFOSSIL OOZE. Alternation of light-gray, light-olive gray (when glauconite present), and white beds. Serpulids, pteropods, and echinoid spines are common. Glauconite and small-dark grains are common. Large burrows are filled with glauconitized foraminifers.

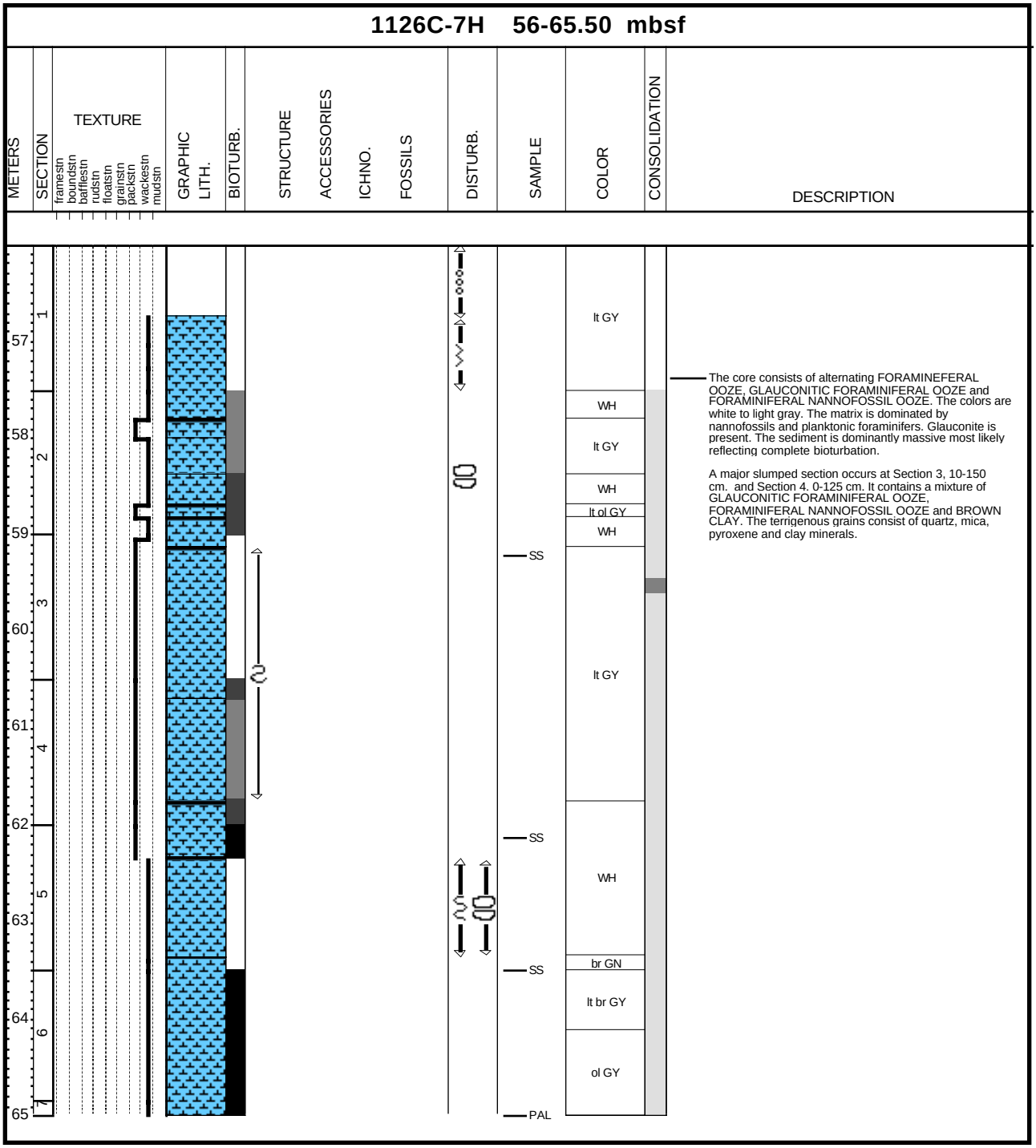
Core Photo


1126C-5H 37-46.50 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
batfliestn
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
1
2
3
4
5
6
7
8
lt GY
GY
WH
lt GY
pal GN
pal ye GN
lt GY
gn GY
lt GY
gn GY
lt GY
WH
gn GY
WH
gn GY
GY
lt GY
pal YE
SS
PAL
The core consists of NANNOFOSSIL OOZE, alternating with FORAMINIFERAL OOZE and GLAUCONITIC FORAMINIFERAL OOZE. The matrix consists of calcareous nannofossils, planktonic foraminifers, sponge spicules and bioclasts. The sediment is burrow mottled throughout and only few well-defined burrows are recognized. The texture varies between wackestone and packstone.
The glauconite content is about 10-20% in Section 04-06 and reaches 30-50% in Section 04, 0-42 cm.

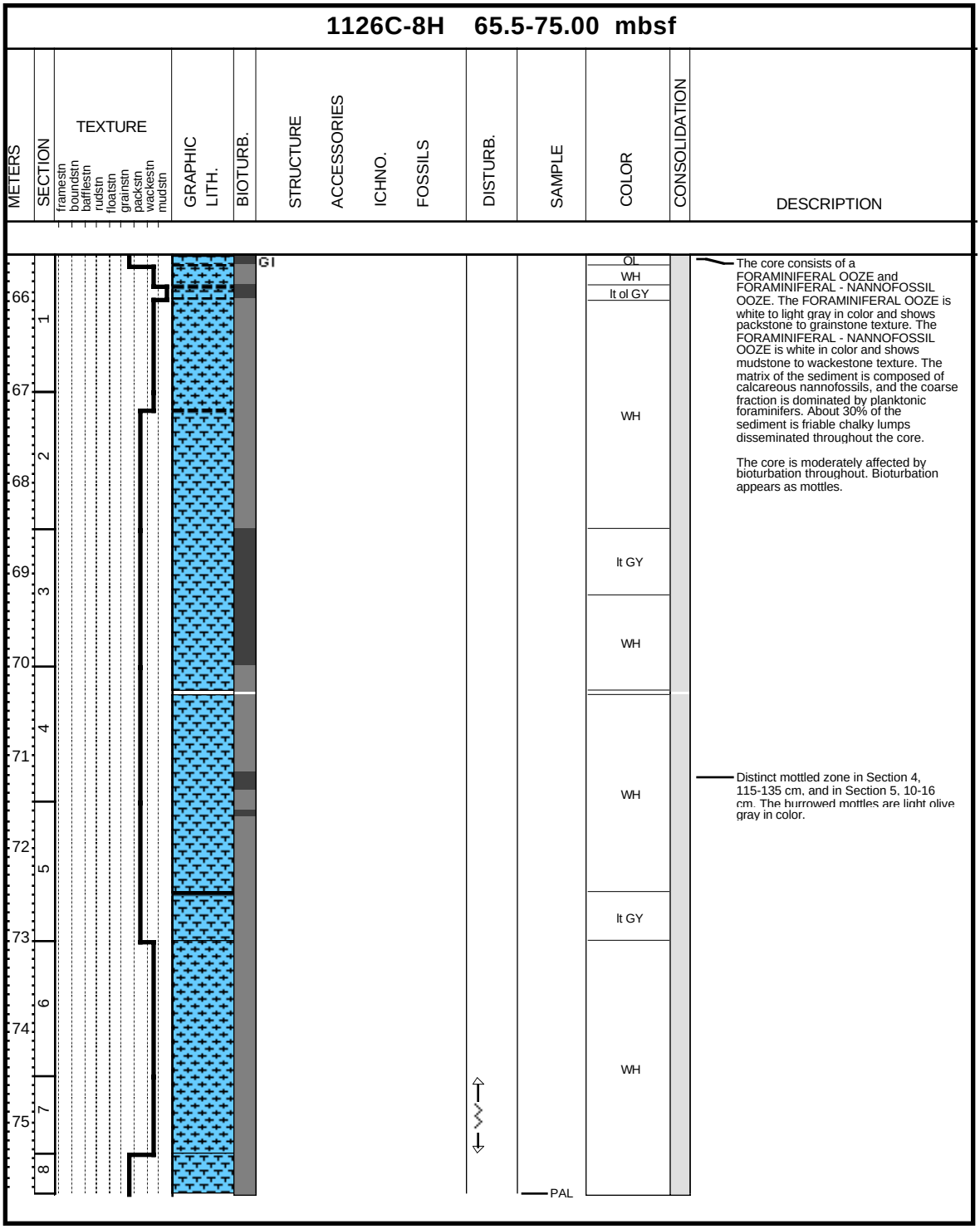
Core Photo


1126C-6H 46.5-56.00 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
batflestn
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
GI
Py
PAL
WH
lt GY
lt ol GY
pal YE
lt gn GY
gn GY
The core consists mainly of an alternation between FORAMINIFERAL - NANNOFOSSIL OOZE and FORAMINIFERAL OOZE and includes NANNOFOSSIL OOZE as a minor lithology. The FORAMINIFERAL OOZE is light gray to light olive gray in color and shows pack- to grainstone texture. Glauconitic grains, up to 20%, are usually included. The FORAMINIFERAL - NANNOFOSSIL OOZE is white to light gray in color and shows wackestone texture. The matrix of the sediment consists of calcareous nannofossils, and the coarse fraction of the sediment is dominated by planktonic foraminifers.
The core is moderately affected by bioturbation throughout, appearing mottled. Burrows are commonly filled with glauconitic foraminifers (e.g., Section 3, 50-55 cm).
Partially lithified lumps in Section 3, 76-83 cm.
Strongly bioturbated zone in Section 4, 101-112 cm.

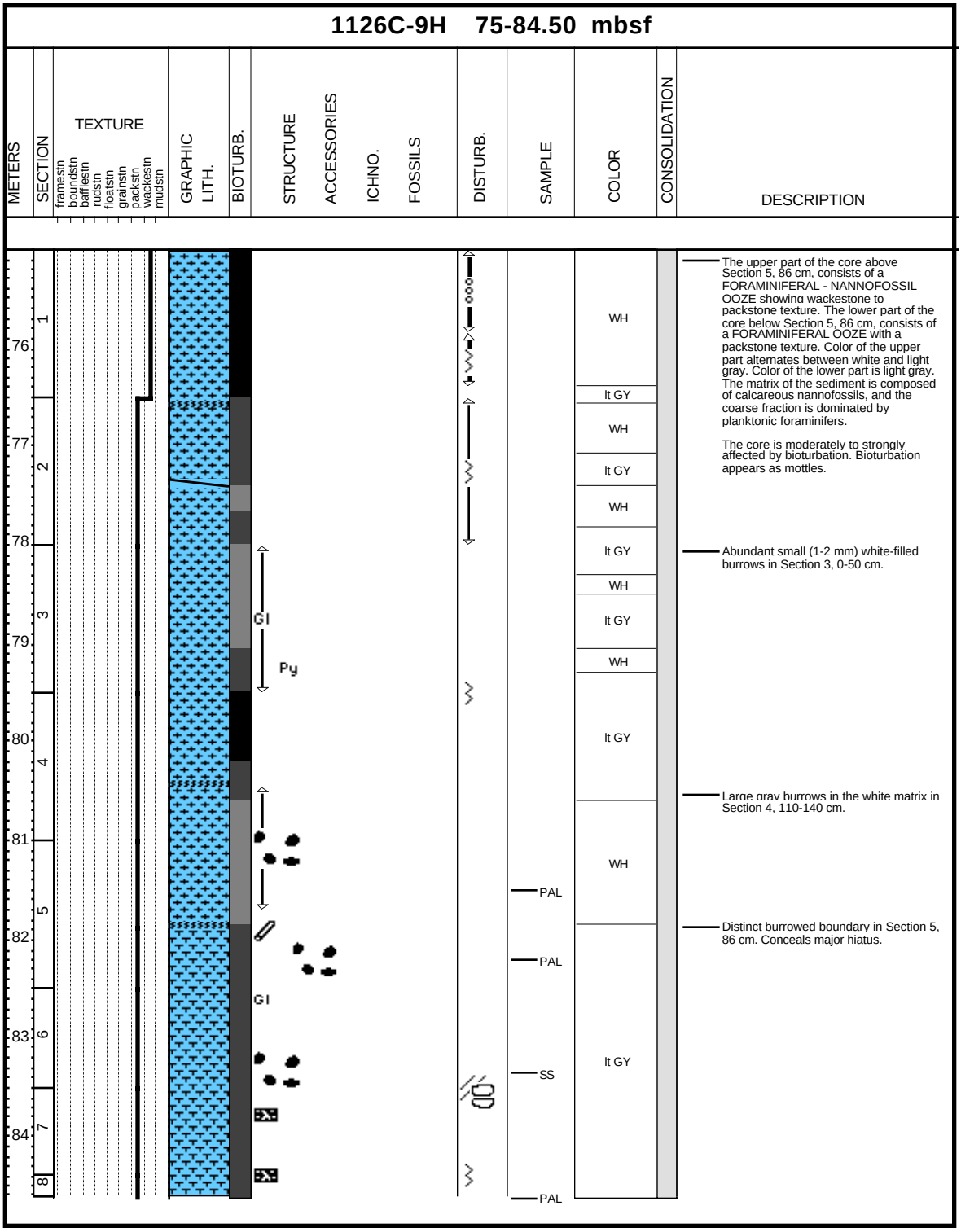
Core Photo


1126C-7H 56-65.50 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
batflestn
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
SS
SS
SS
PAL
lt GY
WH
lt GY
WH
lt ol GY
WH
lt GY
WH
br GN
lt br GY
ol GY
The core consists of alternating FORAMINEFERAL OOZE, GLAUCONITIC FORAMINIFERAL OOZE and FORAMINIFERAL NANNOFOSSIL OOZE. The colors are white to light gray. The matrix is dominated by nannofossils and planktonic foraminifers. Glauconite is present. The sediment is dominantly massive most likely reflecting complete bioturbation.
A major slumped section occurs at Section 3, 10-150 cm. and Section 4. 0-125 cm. It contains a mixture of GLAUCONITIC FORAMINIFERAL OOZE, FORAMINIFERAL NANNOFOSSIL OOZE and BROWN CLAY. The terrigenous grains consist of quartz, mica, pyroxene and clay minerals.

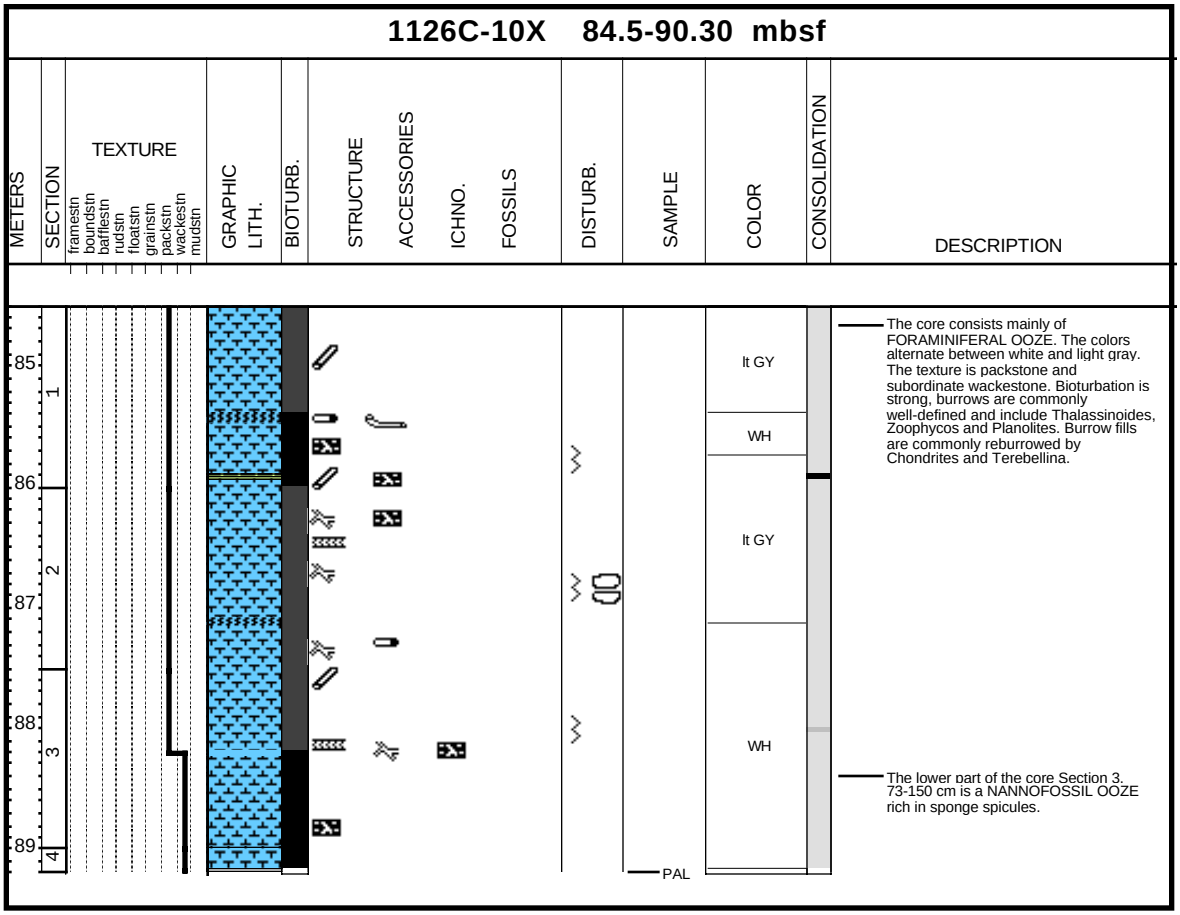
Core Photo


1126C-8H 65.5-75.00 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
GI
OL
WH
lt ol GY
WH
lt GY
WH
WH
lt GY
WH
PAL
66
67
68
69
70
71
72
73
74
75
1
2
3
4
5
6
7
8
The core consists of a FORAMINIFERAL OOZE and FORAMINIFERAL - NANNOFOSSIL OOZE. The FORAMINIFERAL OOZE is white to light gray in color and shows packstone to grainstone texture. The FORAMINIFERAL - NANNOFOSSIL OOZE is white in color and shows mudstone to wackestone texture. The matrix of the sediment is composed of calcareous nannofossils, and the coarse fraction is dominated by planktonic foraminifers. About 30% of the sediment is friable chalky lumps disseminated throughout the core.
The core is moderately affected by bioturbation throughout. Bioturbation appears as mottles.
Distinct mottled zone in Section 4, 115-135 cm, and in Section 5, 10-16 cm. The burrowed mottles are light olive gray in color.

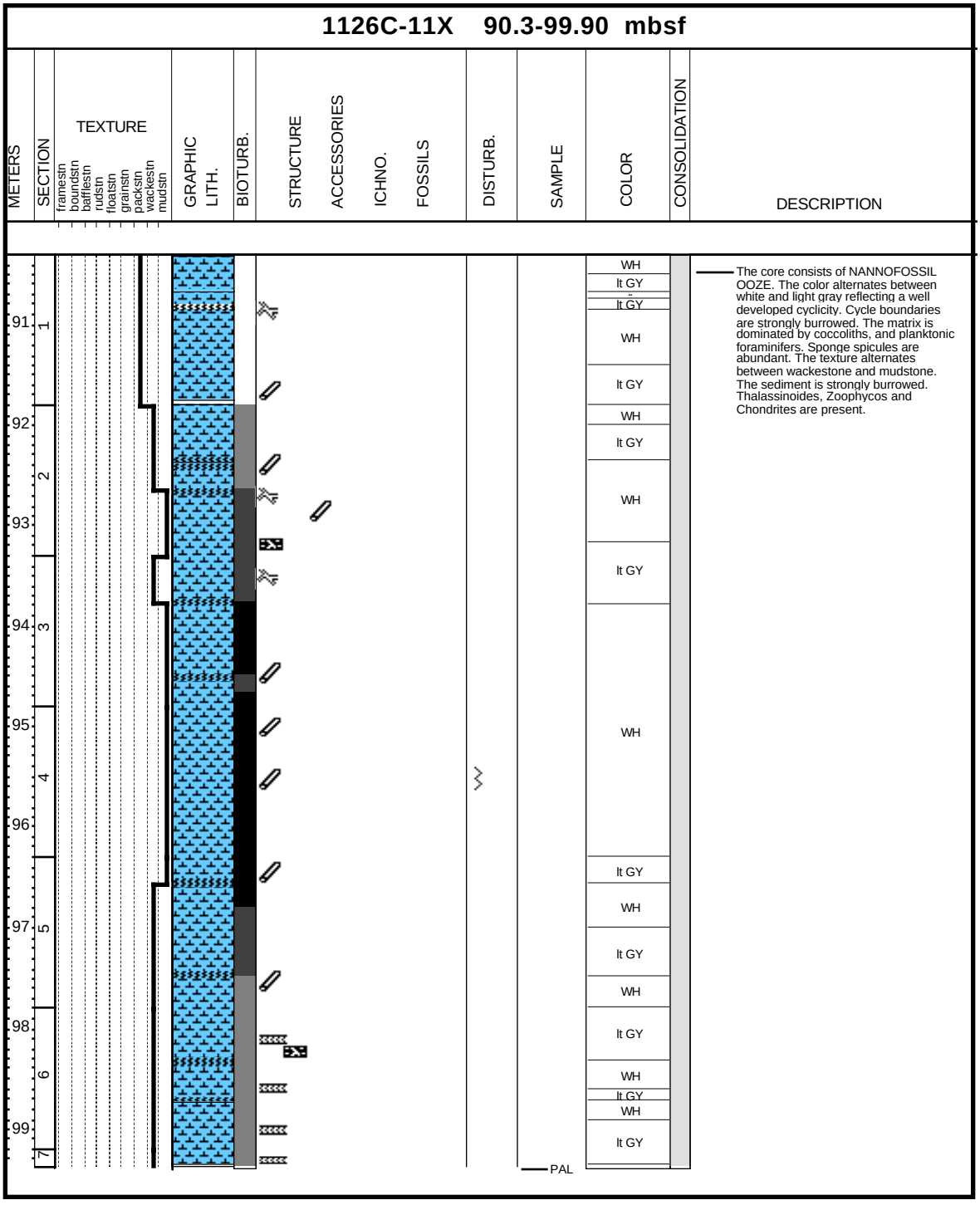
Core Photo


1126C-9H 75-84.50 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
76
77
78
79
80
81
82
83
84
1
2
3
4
5
6
7
8
Gl
Py
Gl
PAL
PAL
SS
PAL
WH
lt GY
WH
lt GY
WH
lt GY
WH
lt GY
WH
lt GY
The upper part of the core above Section 5, 86 cm, consists of a FORAMINIFERAL - NANNOFOSSIL OOZE showing wackestone to packstone texture. The lower part of the core below Section 5, 86 cm, consists of a FORAMINIFERAL OOZE with a packstone texture. Color of the upper part alternates between white and light gray. Color of the lower part is light gray. The matrix of the sediment is composed of calcareous nannofossils, and the coarse fraction is dominated by planktonic foraminifers.
The core is moderately to strongly affected by bioturbation. Bioturbation appears as mottles.
Abundant small (1-2 mm) white-filled burrows in Section 3, 0-50 cm.
Large gray burrows in the white matrix in Section 4, 110-140 cm.
Distinct burrowed boundary in Section 5, 86 cm. Conceals major hiatus.

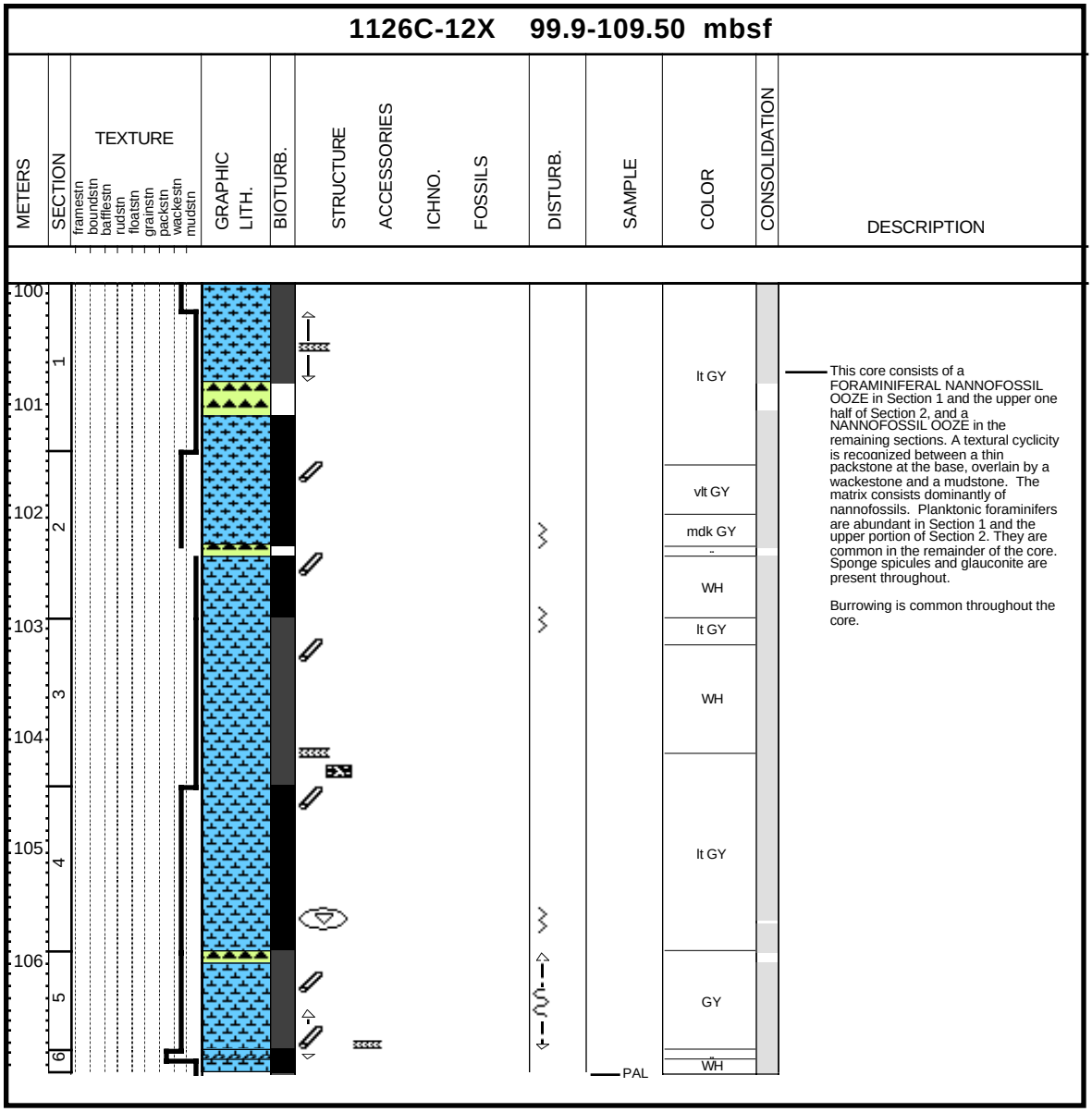
Core Photo


1126C-10X 84.5-90.30 mbsf
METERS
SECTION
TEXTURE
framestn
boundstn
batflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
85
86
87
88
89
1
2
3
4
PAL
lt GY
WH
lt GY
WH
The core consists mainly of FORAMINIFERAL OOZE. The colors alternate between white and light gray. The texture is packstone and subordinate wackestone. Bioturbation is strong, burrows are commonly well-defined and include Thalassinoides, Zoophycos and Planolites. Burrow fills are commonly reburrowed by Chondrites and Terebellina.
The lower part of the core Section 3, 73-150 cm is a NANNOFOSSIL OOZE rich in sponge spicules.

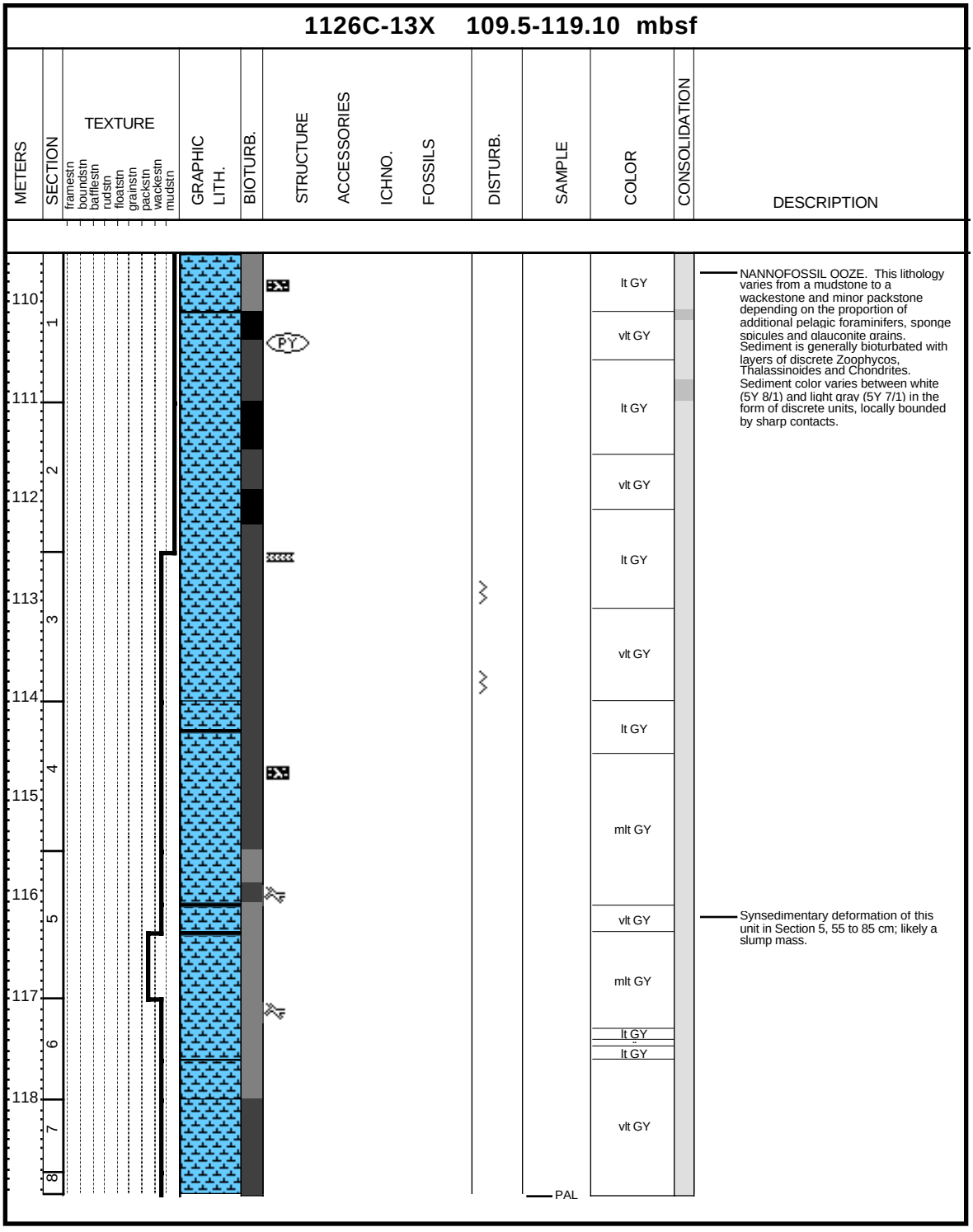
Core Photo


1126C-11X 90.3-99.90 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
91
92
93
94
95
96
97
98
99
1
2
3
4
5
6
7
WH
lt GY
WH
lt GY
WH
lt GY
WH
lt GY
WH
lt GY
WH
lt GY
WH
lt GY
WH
lt GY
WH
lt GY
PAL
The core consists of NANNOFOSSIL OOZE. The color alternates between white and light gray reflecting a well developed cyclicity. Cycle boundaries are strongly burrowed. The matrix is dominated by coccoliths, and planktonic foraminifers. Sponge spicules are abundant. The texture alternates between wackestone and mudstone. The sediment is strongly burrowed. Thalassinoides, Zoophycos and Chondrites are present.

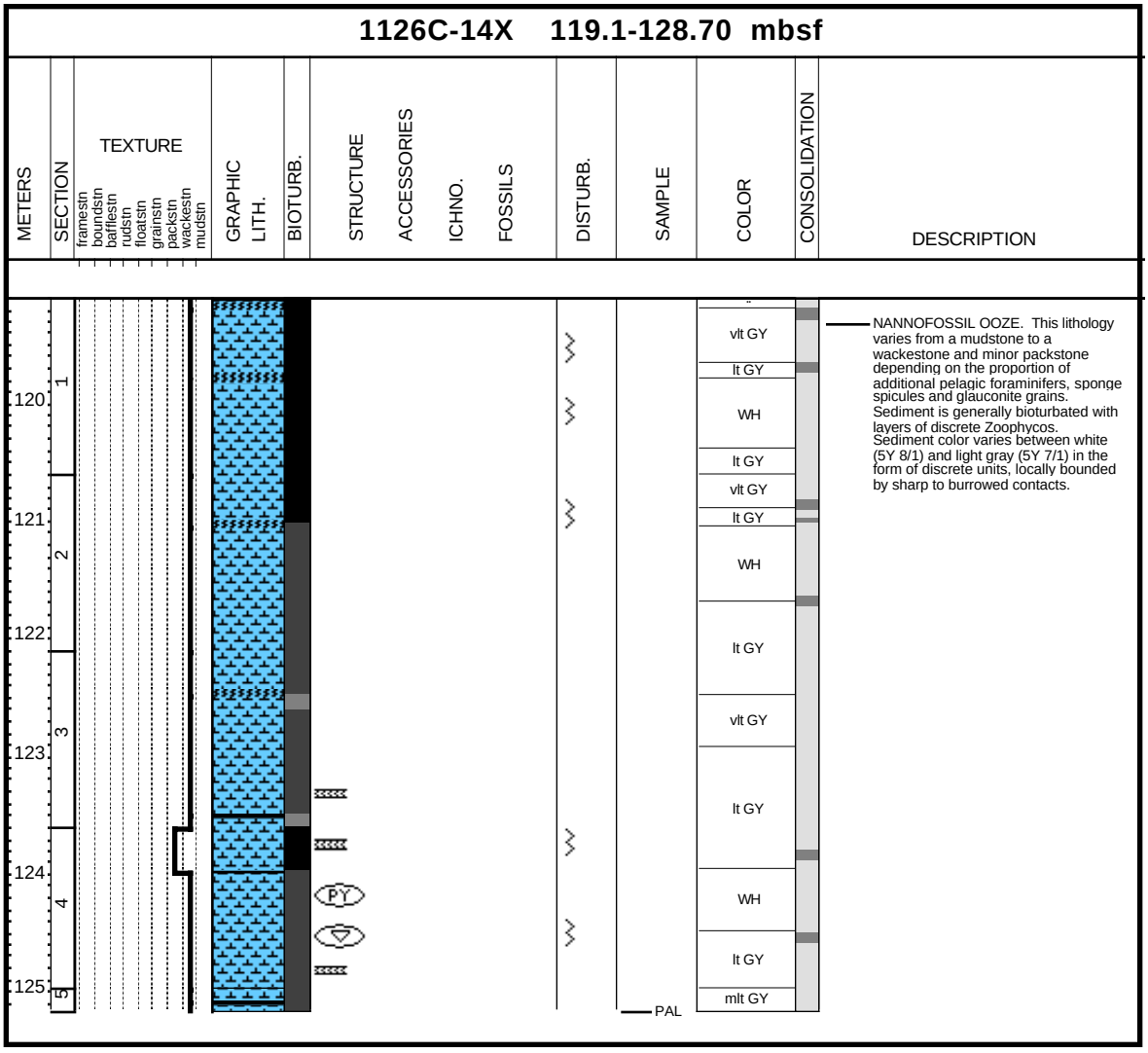
Core Photo


1126C-12X 99.9-109.50 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
1
2
3
4
5
6
lt GY
vlt GY
mdk GY
WH
lt GY
WH
lt GY
GY
WH
PAL
This core consists of a FORAMINIFERAL NANNOFOSSIL OOZE in Section 1 and the upper one half of Section 2, and a NANNOFOSSIL OOZE in the remaining sections. A textural cyclicity is recognized between a thin packstone at the base, overlain by a wackestone and a mudstone. The matrix consists dominantly of nannofossils. Planktonic foraminifers are abundant in Section 1 and the upper portion of Section 2. They are common in the remainder of the core. Sponge spicules and glauconite are present throughout.
Burrowing is common throughout the core.

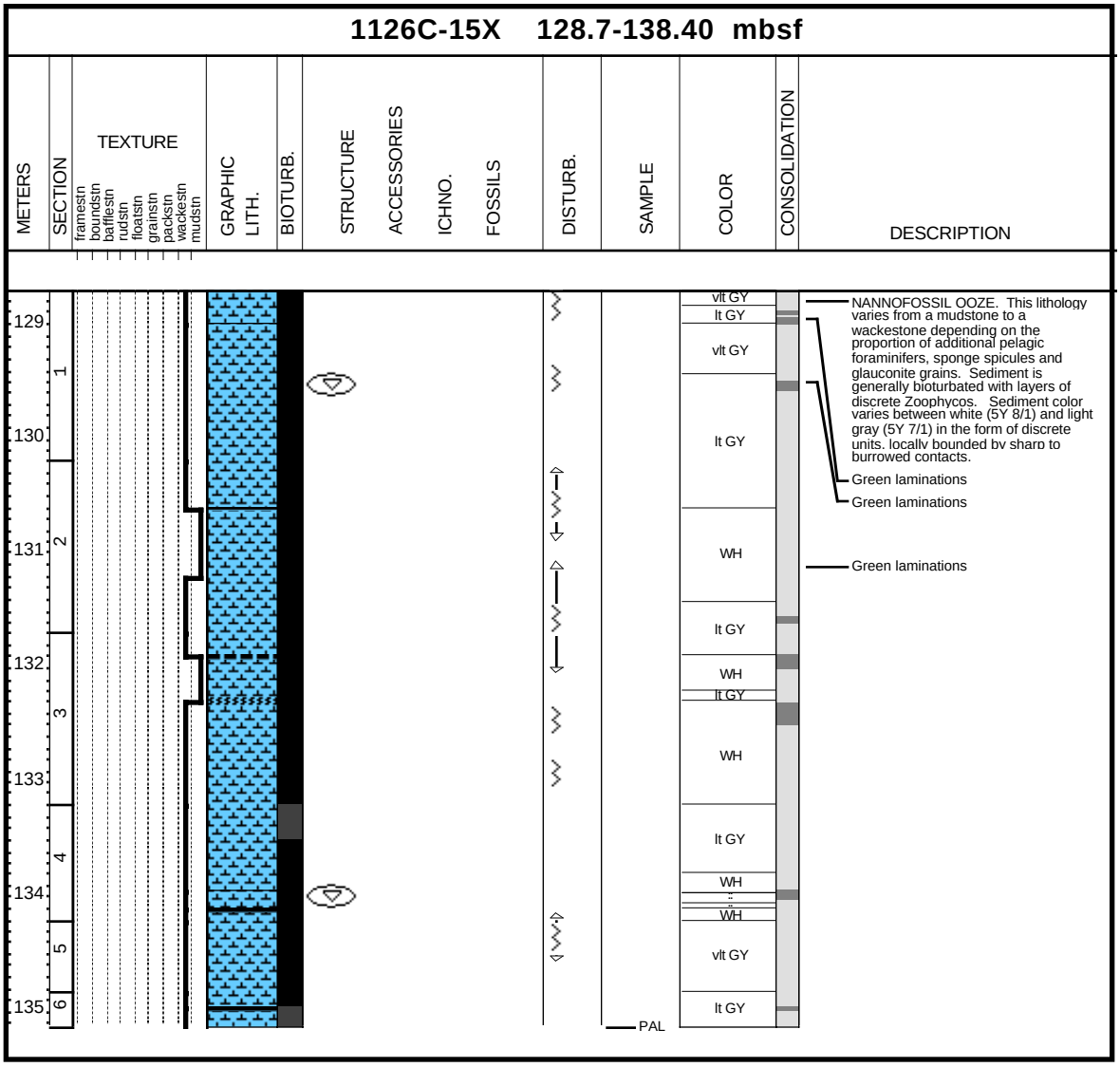
Core Photo


1126C-13X 109.5-119.10 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
110
111
112
113
114
115
116
117
118
1
2
3
4
5
6
7
8
PY
PAL
lt GY
vlt GY
lt GY
vlt GY
lt GY
vlt GY
lt GY
mlt GY
vlt GY
mlt GY
lt GY
lt GY
vlt GY
NANNOFOSSIL OOZE. This lithology varies from a mudstone to a wackestone and minor packstone depending on the proportion of additional pelagic foraminifers, sponge spicules and glauconite grains. Sediment is generally bioturbated with layers of discrete Zoophycos, Thalassinoides and Chondrites. Sediment color varies between white (5Y 8/1) and light gray (5Y 7/1) in the form of discrete units, locally bounded by sharp contacts.
Synsedimentary deformation of this unit in Section 5, 55 to 85 cm; likely a slump mass.

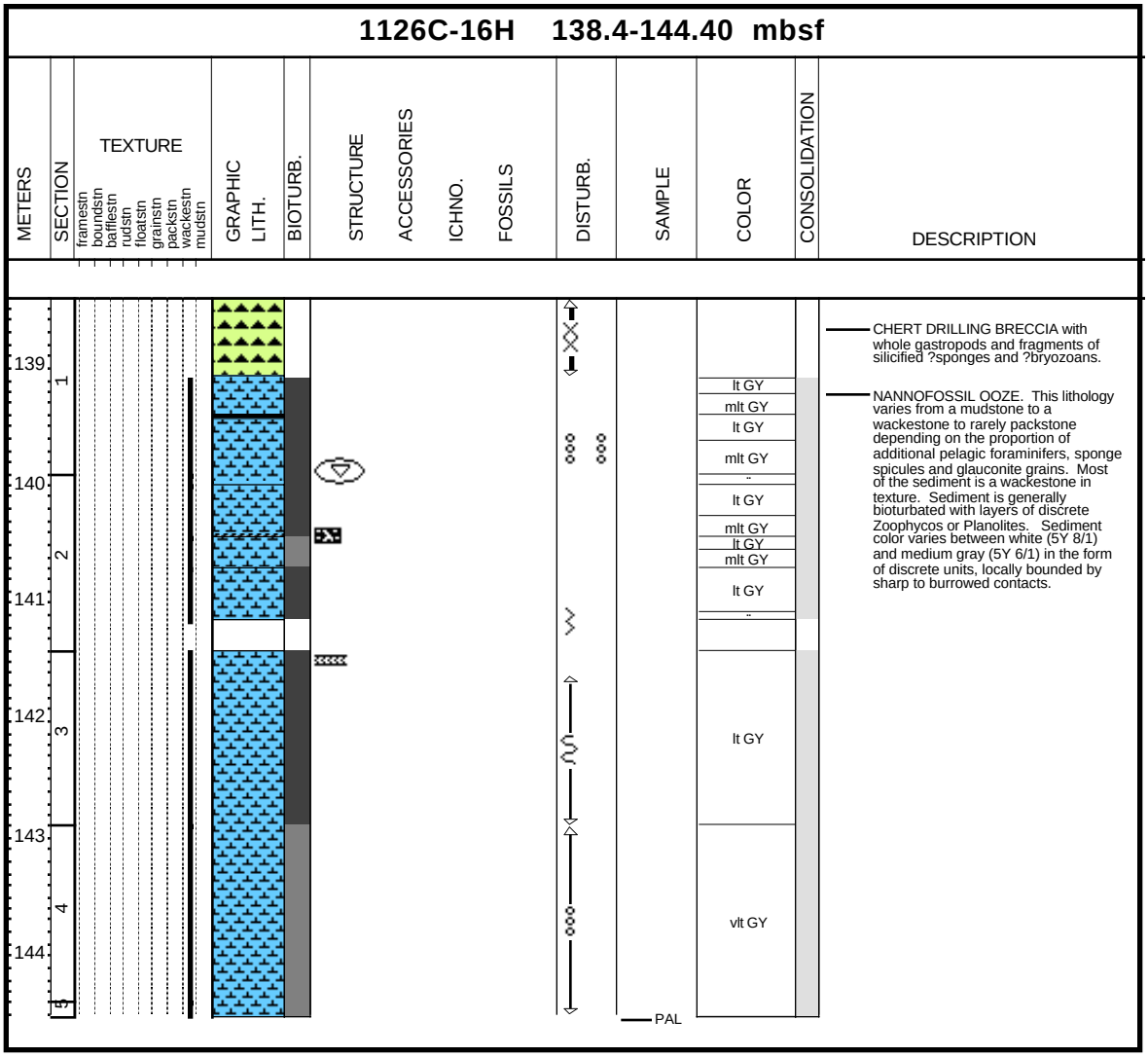
Core Photo


1126C-14X 119.1-128.70 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
120
121
122
123
124
125
1
2
3
4
5
PY
PAL
vlt GY
lt GY
WH
lt GY
vlt GY
lt GY
WH
lt GY
vlt GY
lt GY
WH
lt GY
mlt GY
NANNOFOSSIL OOZE. This lithology varies from a mudstone to a wackestone and minor packstone depending on the proportion of additional pelagic foraminifers, sponge spicules and glauconite grains. Sediment is generally bioturbated with layers of discrete Zoophycos. Sediment color varies between white (5Y 8/1) and light gray (5Y 7/1) in the form of discrete units, locally bounded by sharp to burrowed contacts.

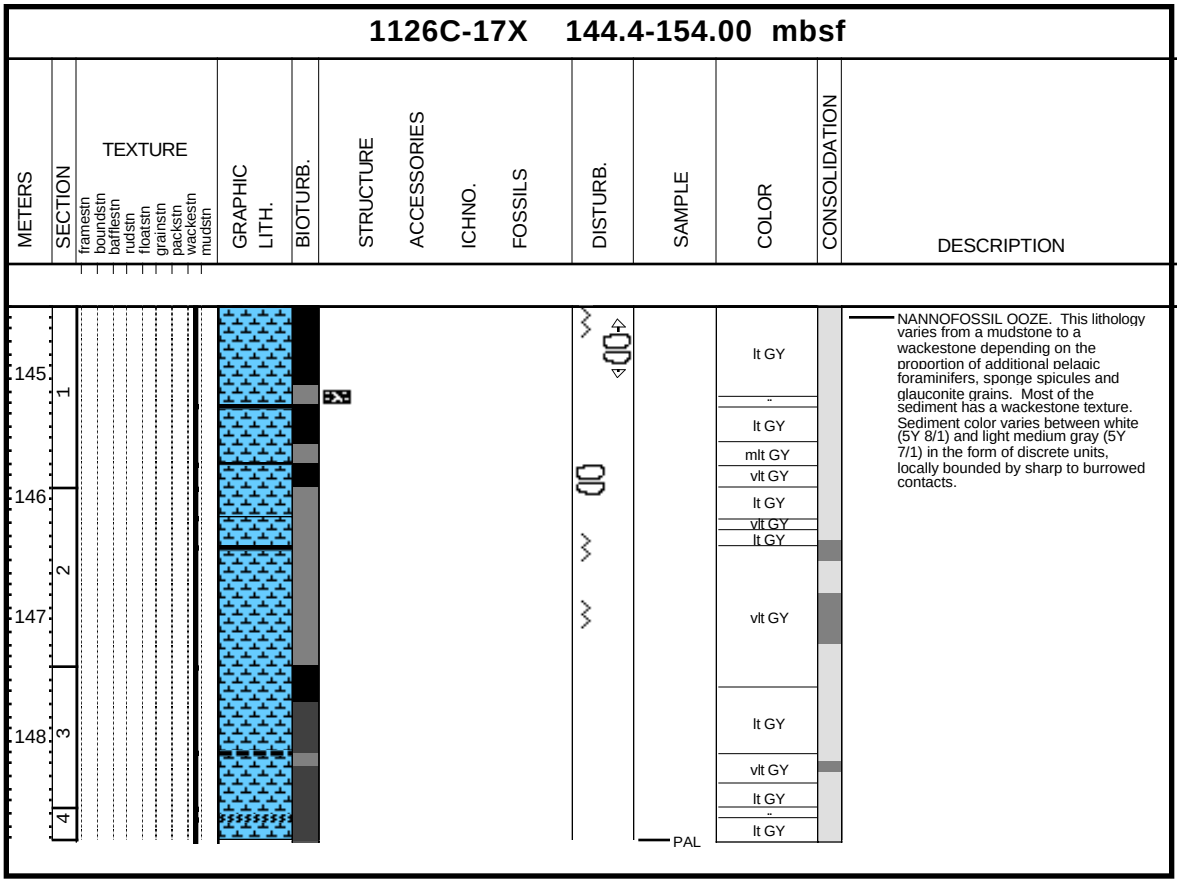
Core Photo


1126C-15X 128.7-138.40 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
129
130
131
132
133
134
135
1
2
3
4
5
6
vlt GY
lt GY
vlt GY
lt GY
WH
lt GY
WH
lt GY
WH
lt GY
WH
WH
vlt GY
lt GY
PAL
NANNOFOSSIL OOZE. This lithology varies from a mudstone to a wackestone depending on the proportion of additional pelagic foraminifers, sponge spicules and glauconite grains. Sediment is generally bioturbated with layers of discrete Zoophycos. Sediment color varies between white (5Y 8/1) and light gray (5Y 7/1) in the form of discrete units, locally bounded by sharp to burrowed contacts.
Green laminations
Green laminations
Green laminations

Core Photo


1126C-16H 138.4-144.40 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
139
140
141
142
143
144
1
2
3
4
5
lt GY
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
mlt GY
lt GY
lt GY
vlt GY
PAL
CHERT DRILLING BRECCIA with whole gastropods and fragments of silicified ?sponges and ?bryozoans.
NANNOFOSSIL OOZE. This lithology varies from a mudstone to a wackestone to rarely packstone depending on the proportion of additional pelagic foraminifers, sponge spicules and glauconite grains. Most of the sediment is a wackestone in texture. Sediment is generally bioturbated with layers of discrete Zoophycos or Planolites. Sediment color varies between white (5Y 8/1) and medium gray (5Y 6/1) in the form of discrete units, locally bounded by sharp to burrowed contacts.

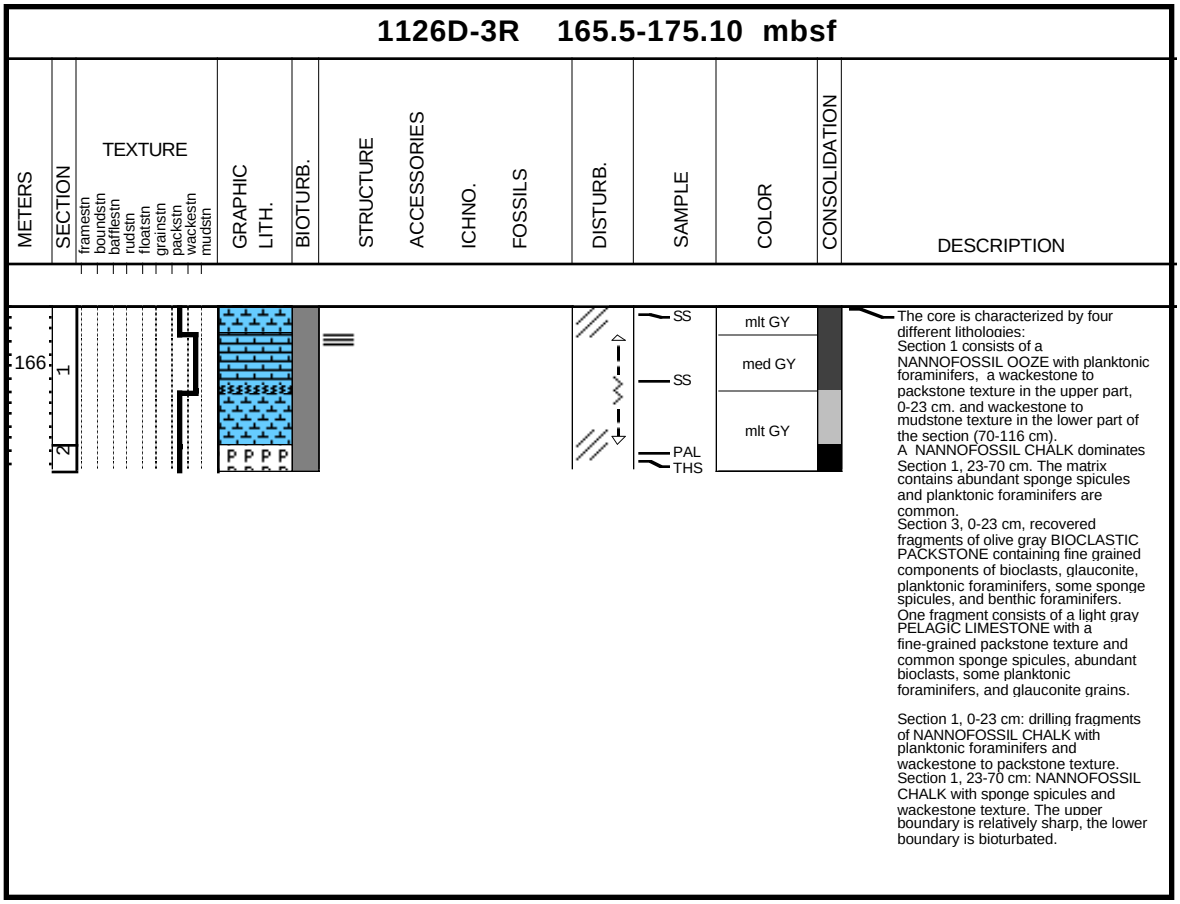
Core Photo



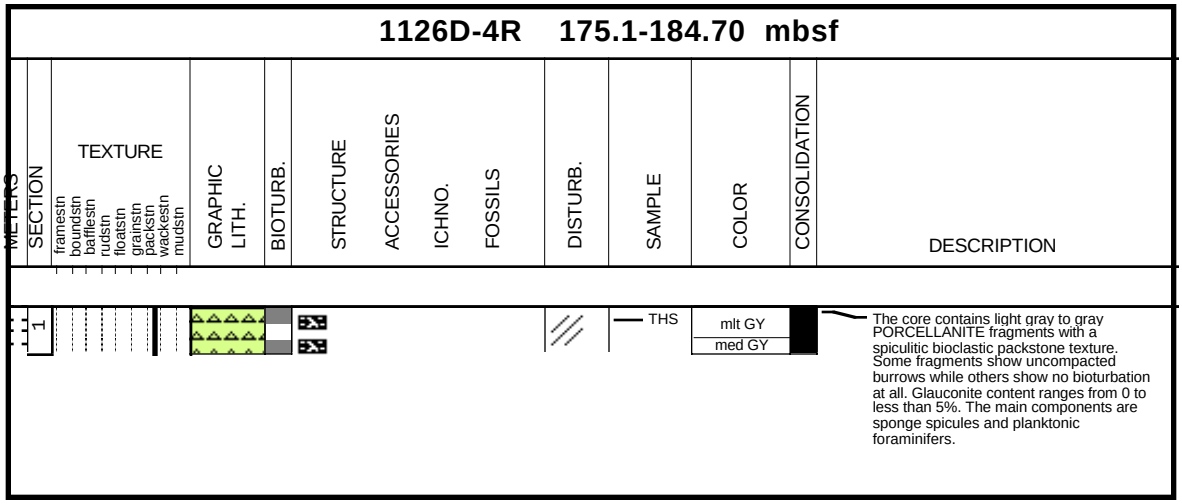
1126D-1R TO PALEO

1126D-2R TO PALEO

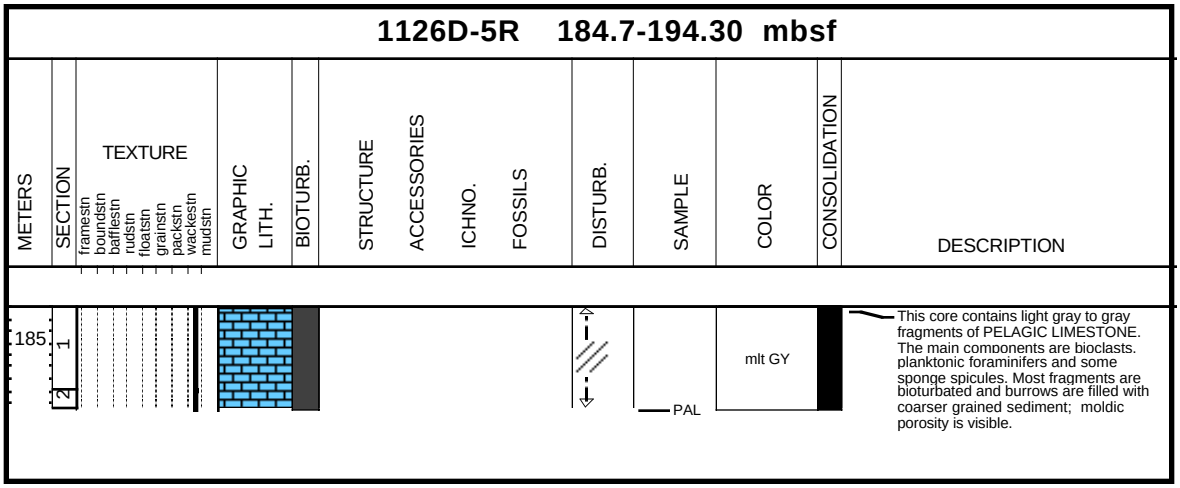
Core Photo


1126D-3R 165.5-175.10 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
166
1
2
SS
SS
PAL
THS
mlt GY
med GY
mlt GY
The core is characterized by four different lithologies:
Section 1 consists of a NANNOFOSSIL OOZE with planktonic foraminifers, a wackestone to packstone texture in the upper part, 0-23 cm. and wackestone to mudstone texture in the lower part of the section (70-116 cm).
A NANNOFOSSIL CHALK dominates Section 1, 23-70 cm. The matrix contains abundant sponge spicules and planktonic foraminifers are common.
Section 3, 0-23 cm, recovered fragments of olive gray BIOCLASTIC PACKSTONE containing fine grained components of bioclasts, glauconite, planktonic foraminifers, some sponge spicules, and benthic foraminifers.
One fragment consists of a light gray PELAGIC LIMESTONE with a fine-grained packstone texture and common sponge spicules, abundant bioclasts, some planktonic foraminifers, and glauconite grains.
Section 1, 0-23 cm: drilling fragments of NANNOFOSSIL CHALK with planktonic foraminifers and wackestone to packstone texture.
Section 1, 23-70 cm: NANNOFOSSIL CHALK with sponge spicules and wackestone texture. The upper boundary is relatively sharp, the lower boundary is bioturbated.

Core Photo


1126D-4R 175.1-184.70 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
1
THS
mlt GY
med GY
The core contains light gray to gray PORCELLANITE fragments with a spiculitic bioclastic packstone texture. Some fragments show uncompacted burrows while others show no bioturbation at all. Glauconite content ranges from 0 to less than 5%. The main components are sponge spicules and planktonic foraminifers.

Core Photo


1126D-5R 184.7-194.30 mbsf
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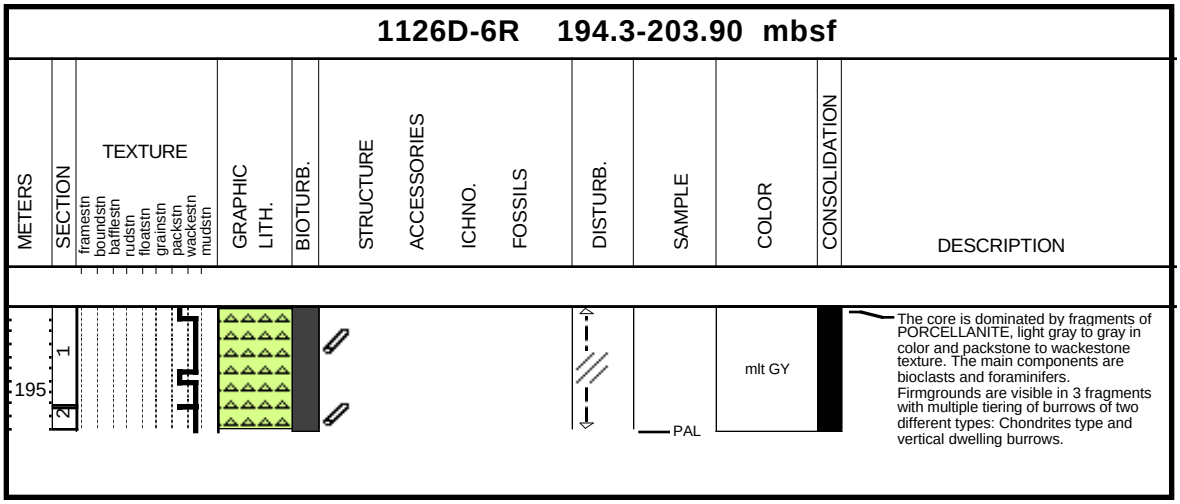
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
185
1
2
PAL
mlt GY
This core contains light gray to gray fragments of PELAGIC LIMESTONE. The main components are bioclasts. planktonic foraminifers and some sponge spicules. Most fragments are bioturbated and burrows are filled with coarser grained sediment; moldic porosity is visible.

Core Photo


1126D-6R 194.3-203.90 mbsf
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boundstn
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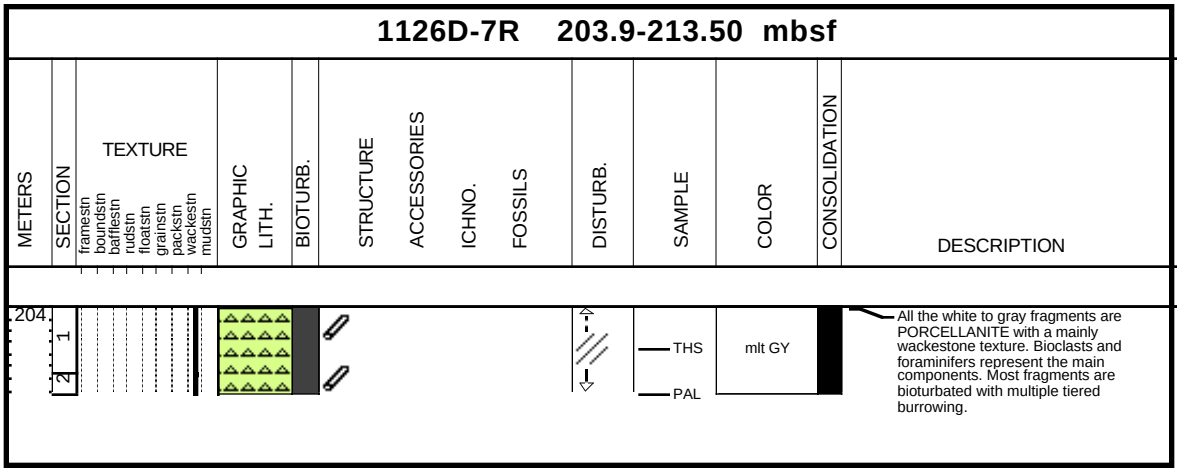
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
195
1
2
PAL
mlt GY
The core is dominated by fragments of PORCELLANITE, light gray to gray in color and packstone to wackestone texture. The main components are bioclasts and foraminifers. Firmgrounds are visible in 3 fragments with multiple tiering of burrows of two different types: Chondrites type and vertical dwelling burrows.

Core Photo


1126D-7R 203.9-213.50 mbsf
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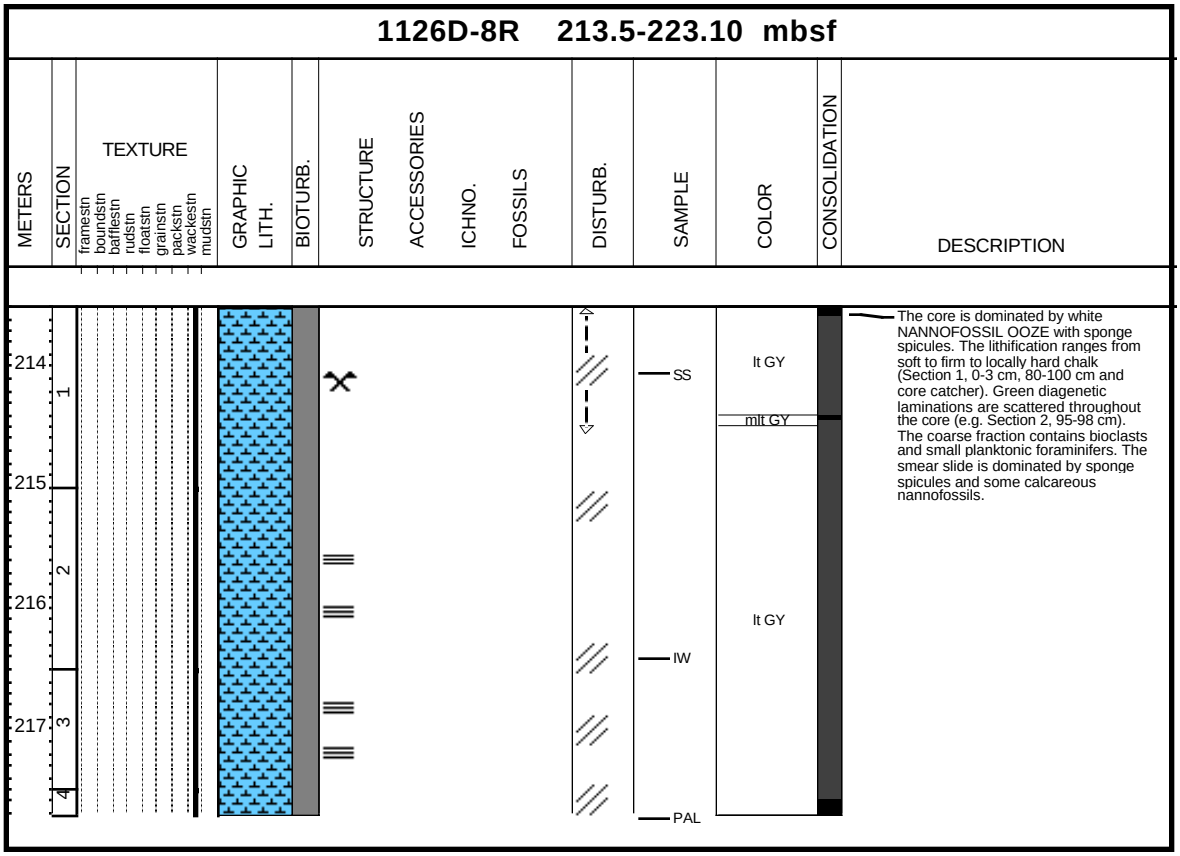
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
204
1
2
THS
PAL
mlt GY
All the white to gray fragments are PORCELLANITE with a mainly wackestone texture. Bioclasts and foraminifers represent the main components. Most fragments are bioturbated with multiple tiered burrowing.

Core Photo


1126D-8R 213.5-223.10 mbsf
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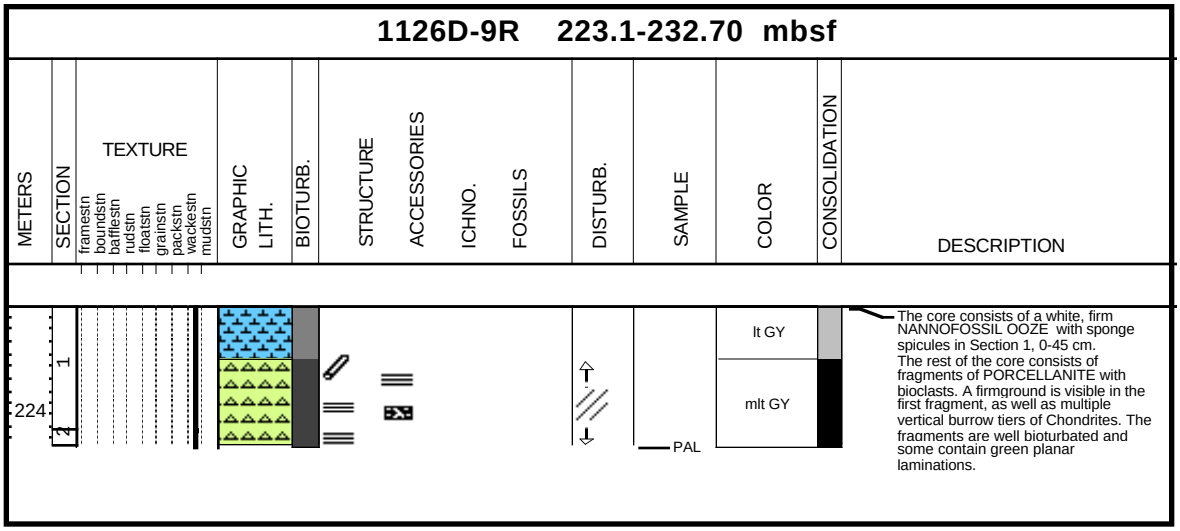
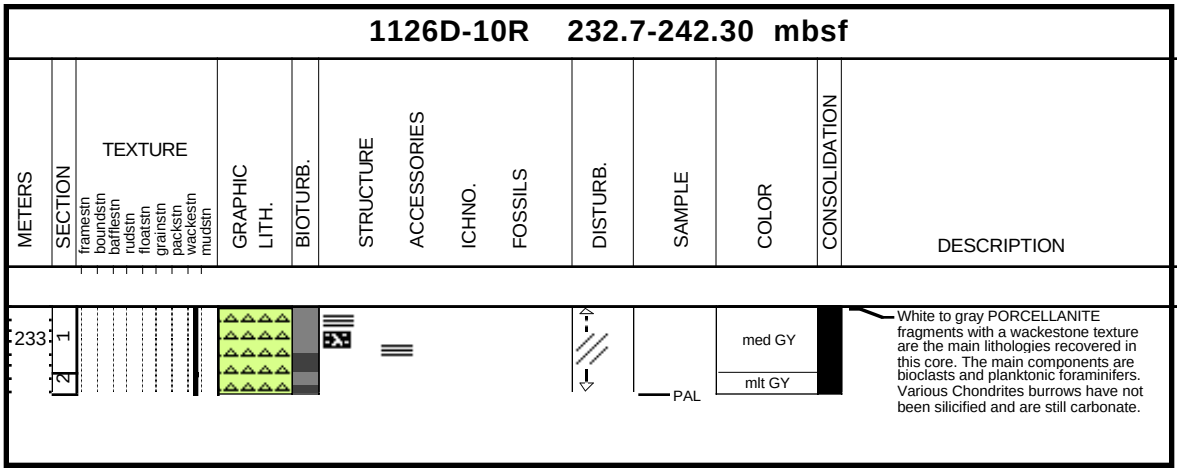
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
214
215
216
217
1
2
3
4
SS
IW
PAL
lt GY
mlt GY
lt GY
The core is dominated by white NANNOFOSSIL OOZE with sponge spicules. The lithification ranges from soft to firm to locally hard chalk (Section 1, 0-3 cm, 80-100 cm and core catcher). Green diagenetic laminations are scattered throughout the core (e.g. Section 2, 95-98 cm). The coarse fraction contains bioclasts and small planktonic foraminifers. The smear slide is dominated by sponge spicules and some calcareous nannofossils.

Core Photo


1126D-9R 223.1-232.70 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
1
CC
PAL
lt GY
mlt GY
The core consists of a white, firm NANNOFOSSIL OOZE with sponge spicules in Section 1, 0-45 cm.
The rest of the core consists of fragments of PORCELLANITE with bioclasts. A firmground is visible in the first fragment, as well as multiple vertical burrow tiers of Chondrites. The fragments are well bioturbated and some contain green planar laminations.

Core Photo


1126D-10R 232.7-242.30 mbsf
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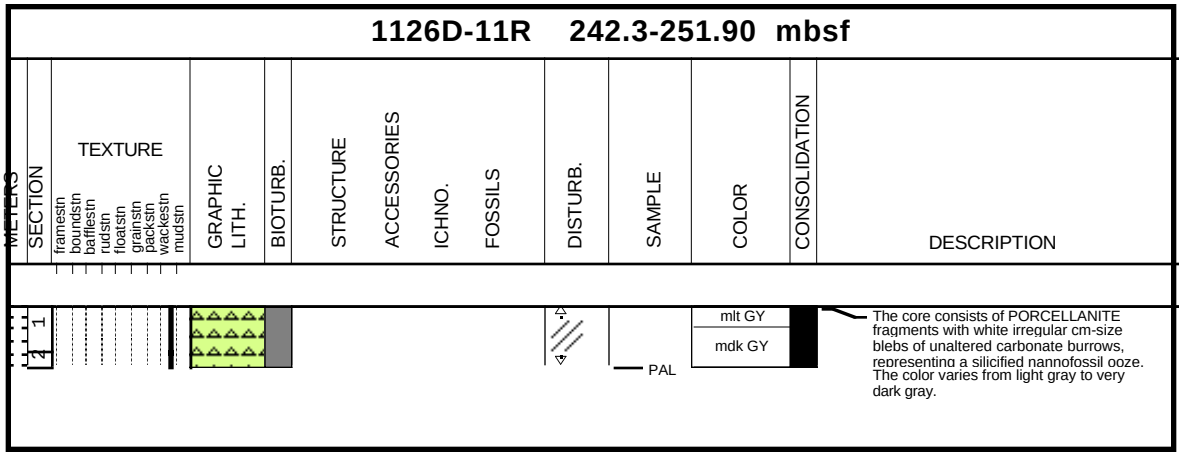
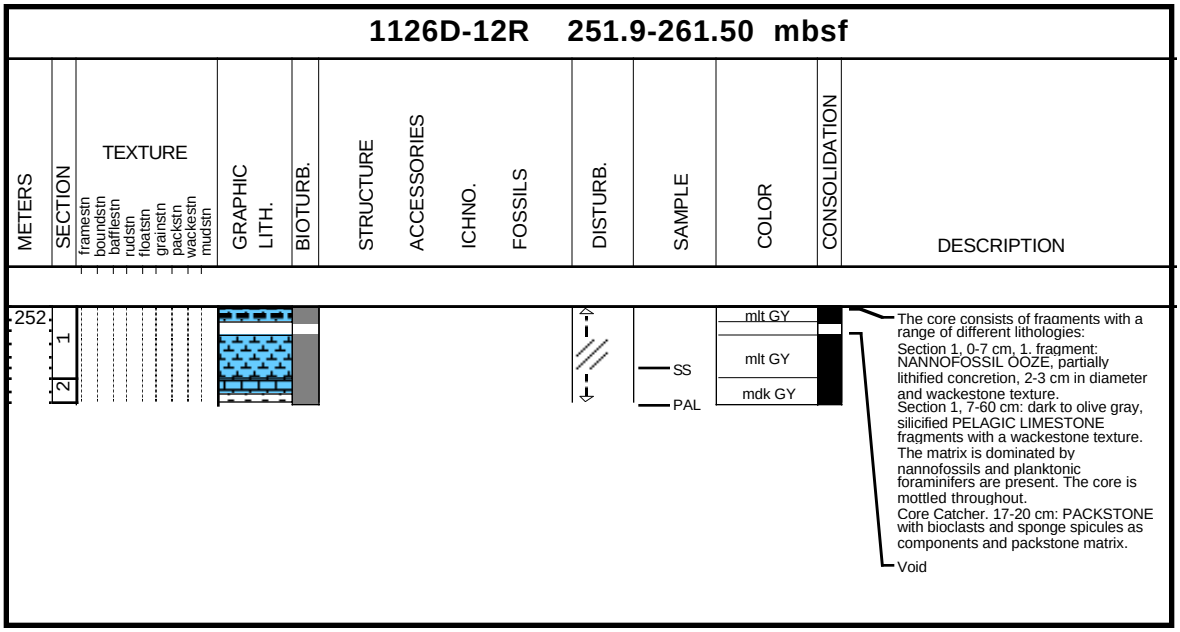
SECTION
TEXTURE
framestn
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
233
1
2
PAL
med GY
mlt GY
White to gray PORCELLANITE fragments with a wackestone texture are the main lithologies recovered in this core. The main components are bioclasts and planktonic foraminifers. Various Chondrites burrows have not been silicified and are still carbonate.

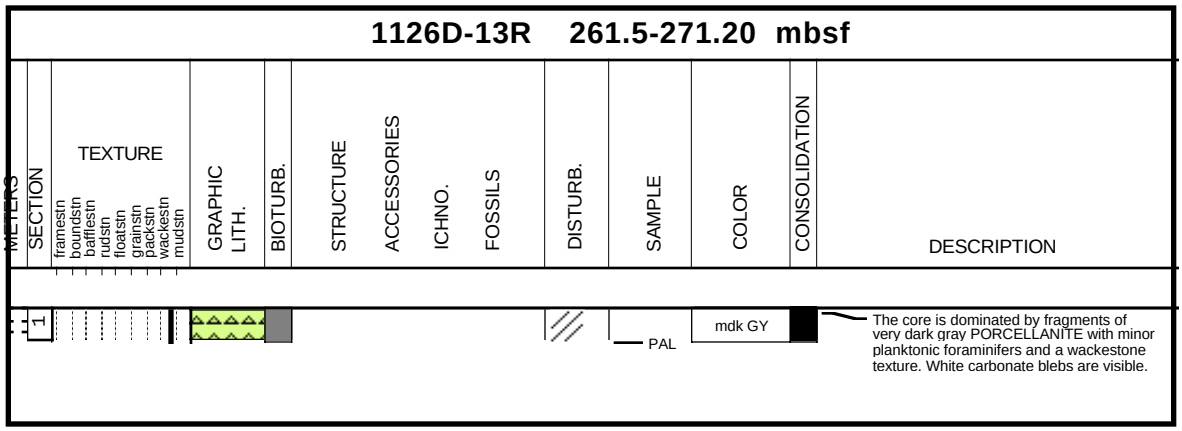
Core Photo


1126D-11R 242.3-251.90 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
1
PAL
mlt GY
mdk GY
The core consists of PORCELLANITE fragments with white irregular cm-size blebs of unaltered carbonate burrows, representing a silicified nannofossil ooze. The color varies from light gray to very dark gray.

Core Photo


1126D-12R 251.9-261.50 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
252
1
2
SS
PAL
mlt GY
mlt GY
mdk GY
The core consists of fragments with a range of different lithologies:
Section 1, 0-7 cm, 1. fragment: NANNOFOSSIL OOZE, partially lithified concretion, 2-3 cm in diameter and wackestone texture.
Section 1, 7-60 cm: dark to olive gray, silicified PELAGIC LIMESTONE fragments with a wackestone texture. The matrix is dominated by nannofossils and planktonic foraminifers are present. The core is mottled throughout.
Core Catcher. 17-20 cm: PACKSTONE with bioclasts and sponge spicules as components and packstone matrix.
Void

Core Photo


1126D-13R 261.5-271.20 mbsf
METERS
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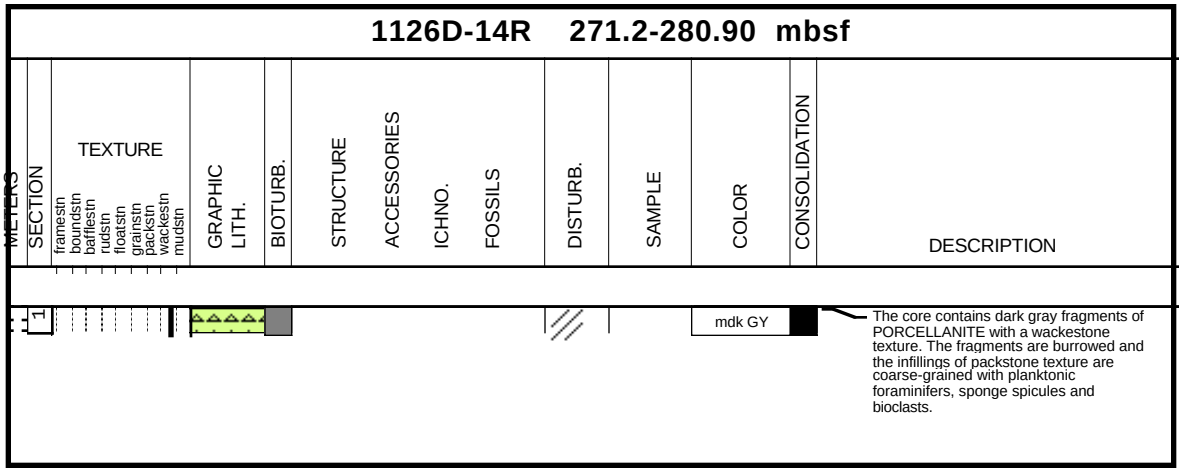
boundstn
bafflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
1
PAL
mdk GY
The core is dominated by fragments of very dark gray PORCELLANITE with minor planktonic foraminifers and a wackestone texture. White carbonate blebs are visible.

Core Photo


1126D-14R 271.2-280.90 mbsf
METERS
SECTION
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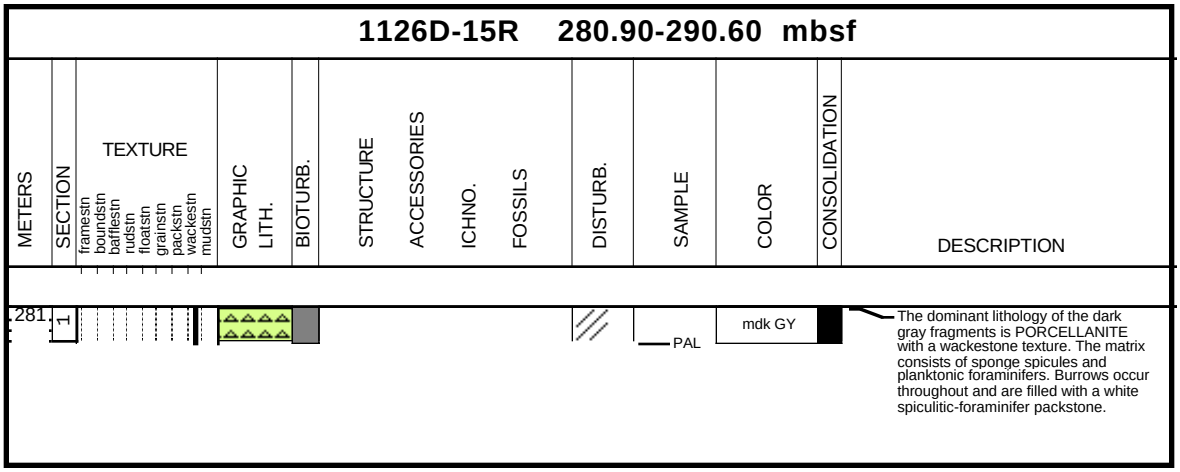
boundstn
baffliestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
1
mdk GY
The core contains dark gray fragments of PORCELLANITE with a wackestone texture. The fragments are burrowed and the infillings of packstone texture are coarse-grained with planktonic foraminifers, sponge spicules and bioclasts.

Core Photo


1126D-15R 280.90-290.60 mbsf
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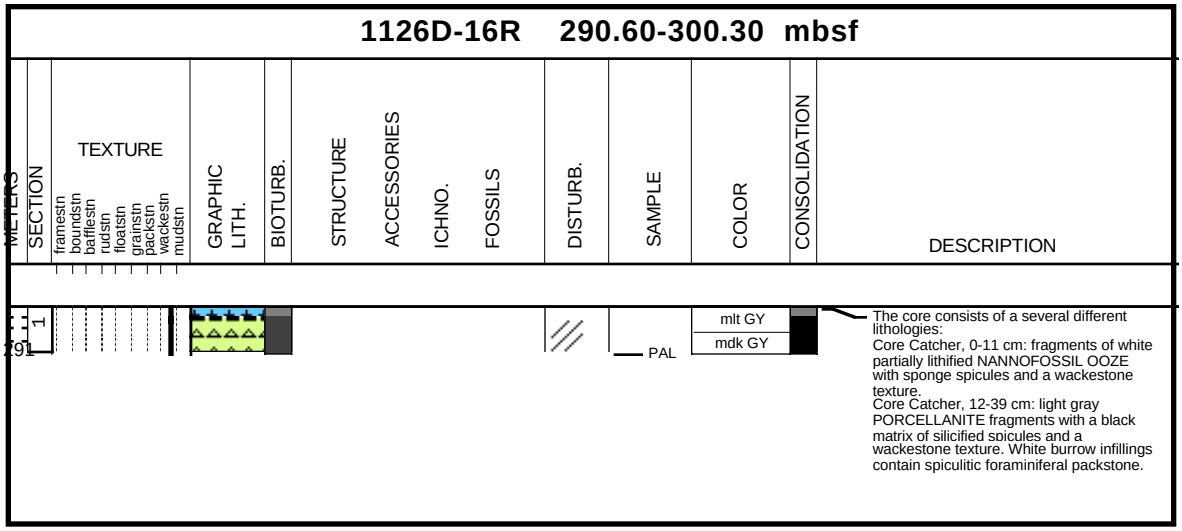
boundstn
baffllestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
281
1
PAL
mdk GY
The dominant lithology of the dark gray fragments is PORCELLANITE with a wackestone texture. The matrix consists of sponge spicules and planktonic foraminifers. Burrows occur throughout and are filled with a white spiculitic-foraminifer packstone.

Core Photo


1126D-16R 290.60-300.30 mbsf
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boundstn
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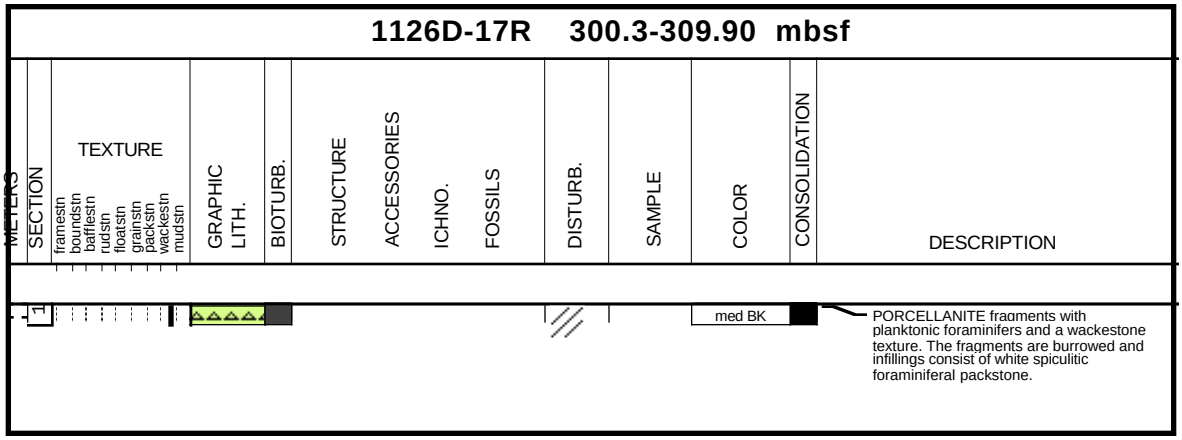
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
1
291
PAL
mlt GY
mdk GY
The core consists of a several different lithologies:
Core Catcher, 0-11 cm: fragments of white partially lithified NANNOFOSSIL OOZE with sponge spicules and a wackestone texture.
Core Catcher, 12-39 cm: light gray PORCELLANITE fragments with a black matrix of silicified spicules and a wackestone texture. White burrow infillings contain spiculitic foraminiferal packstone.

Core Photo


1126D-17R 300.3-309.90 mbsf
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bafflestn
rudstn
floatstn
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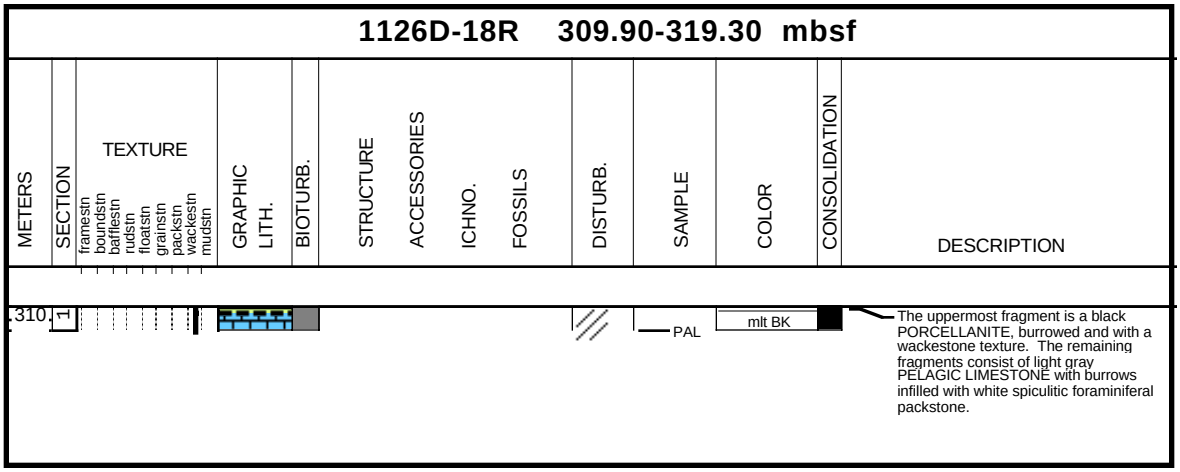
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
1
med BK
PORCELLANITE fragments with planktonic foraminifers and a wackestone texture. The fragments are burrowed and infillings consist of white spiculitic foraminiferal packstone.

Core Photo


1126D-18R 309.90-319.30 mbsf
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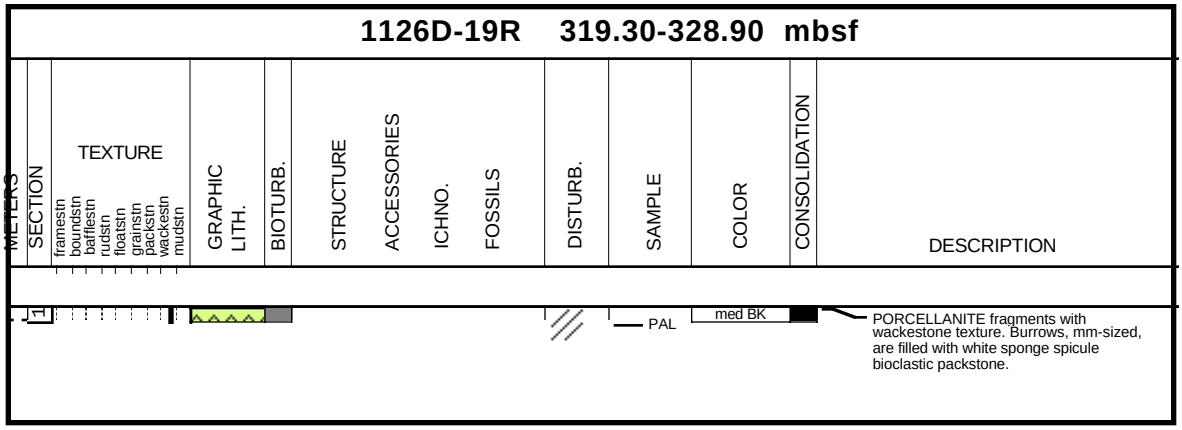
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
310
1
PAL
mlt BK
The uppermost fragment is a black PORCELLANITE, burrowed and with a wackestone texture. The remaining fragments consist of light gray PELAGIC LIMESTONE with burrows infilled with white spiculitic foraminiferal packstone.

Core Photo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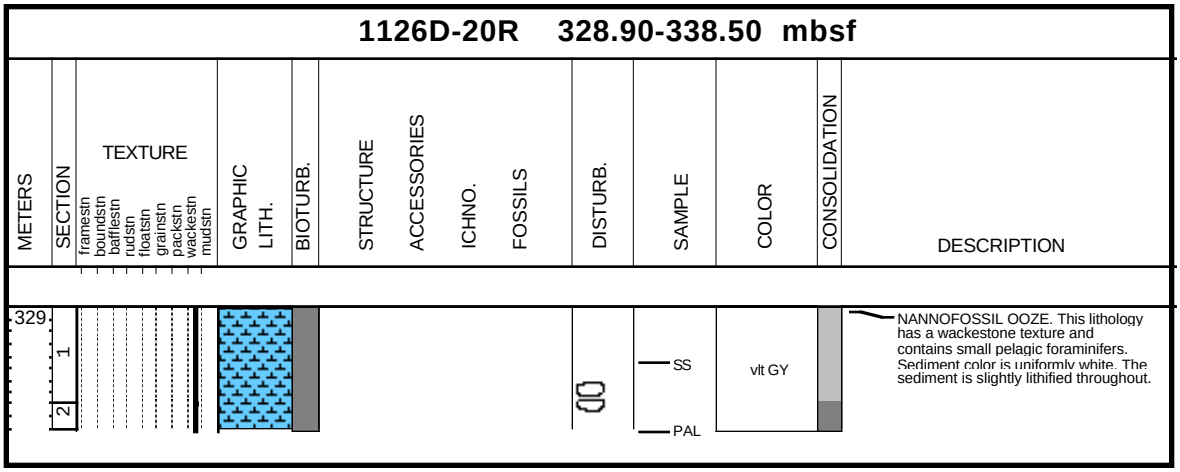
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
1
PAL
med BK
PORCELLANITE fragments with wackestone texture. Burrows, mm-sized, are filled with white sponge spicule bioclastic packstone.

Core Photo


1126D-20R 328.90-338.50 mbsf
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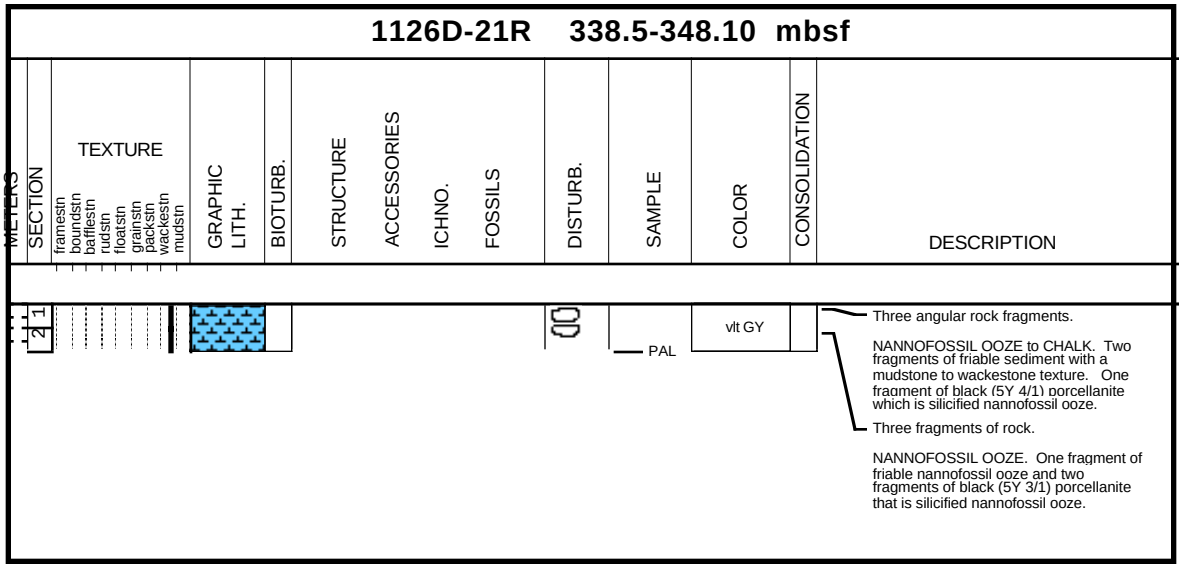
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
329
1
2
SS
PAL
vlt GY
NANNOFOSSIL OOZE. This lithology has a wackestone texture and contains small pelagic foraminifers. Sediment color is uniformly white. The sediment is slightly lithified throughout.

Core Photo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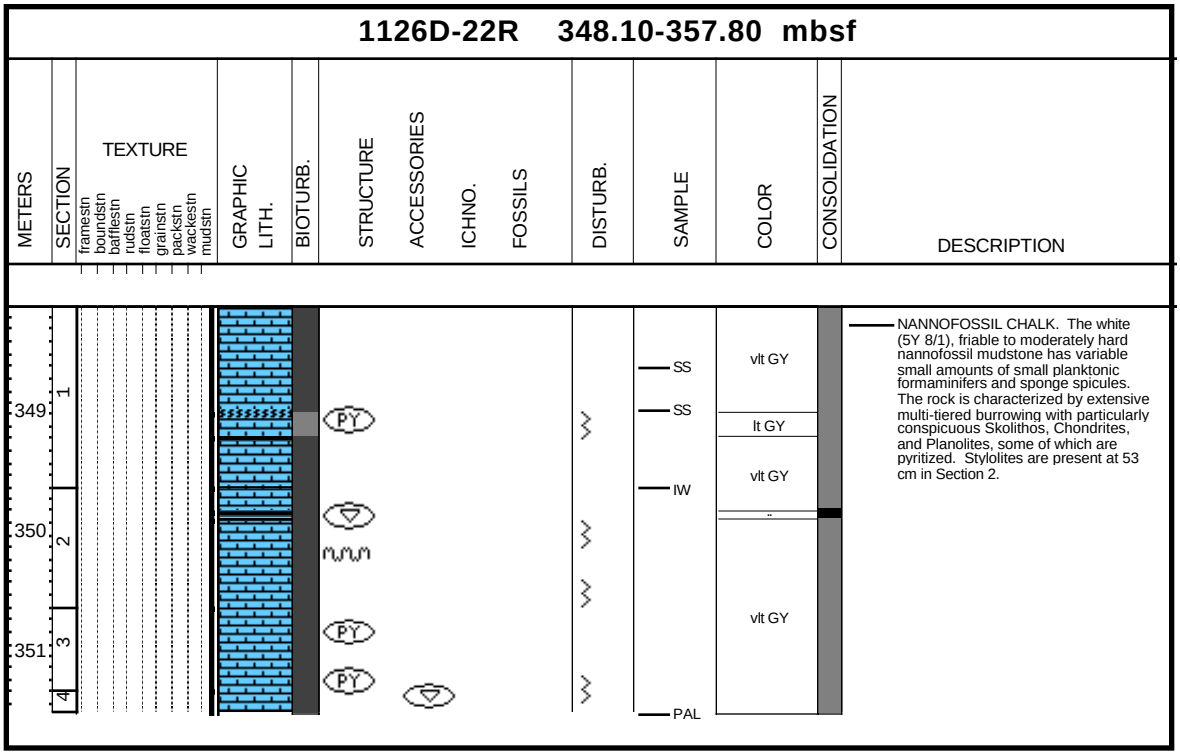
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
1
CC
PAL
vlt GY
Three angular rock fragments.
NANNOFOSSIL OOZE to CHALK. Two fragments of friable sediment with a mudstone to wackestone texture. One fragment of black (5Y 4/1) porcellanite which is silicified nannofossil ooze.
Three fragments of rock.
NANNOFOSSIL OOZE. One fragment of friable nannofossil ooze and two fragments of black (5Y 3/1) porcellanite that is silicified nannofossil ooze.

Core Photo


1126D-22R 348.10-357.80 mbsf
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rudstn
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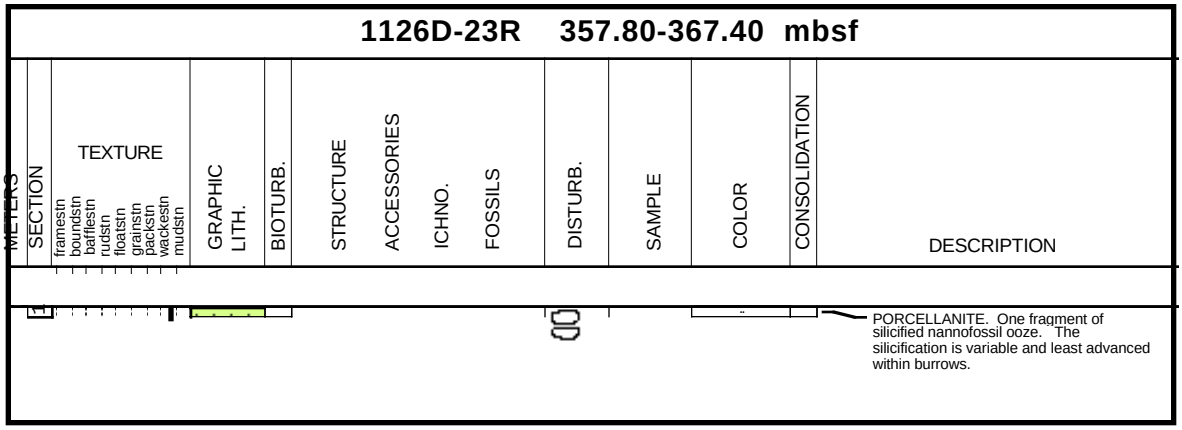
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
349
350
351
1
2
3
4
PY
SS
SS
IW
PAL
vlt GY
lt GY
vlt GY
vlt GY
NANNOFOSSIL CHALK. The white (5Y 8/1), friable to moderately hard nannofossil mudstone has variable small amounts of small planktonic formaminifers and sponge spicules. The rock is characterized by extensive multi-tiered burrowing with particularly conspicuous Skolithos, Chondrites, and Planolites, some of which are pyritized. Stylolites are present at 53 cm in Section 2.

Core Photo


1126D-23R 357.80-367.40 mbsf
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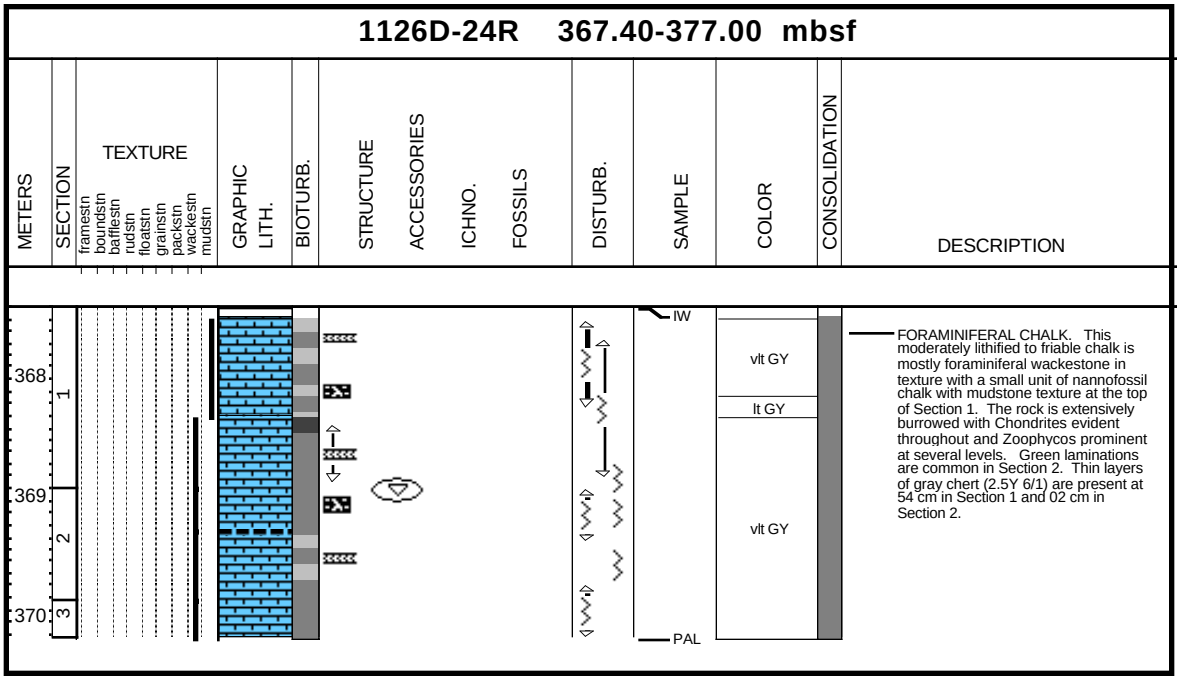
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
PORCELLANITE. One fragment of silicified nannofossil ooze. The silicification is variable and least advanced within burrows.

Core Photo


1126D-24R 367.40-377.00 mbsf
METERS
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boundstn
bafflestn
rudstn
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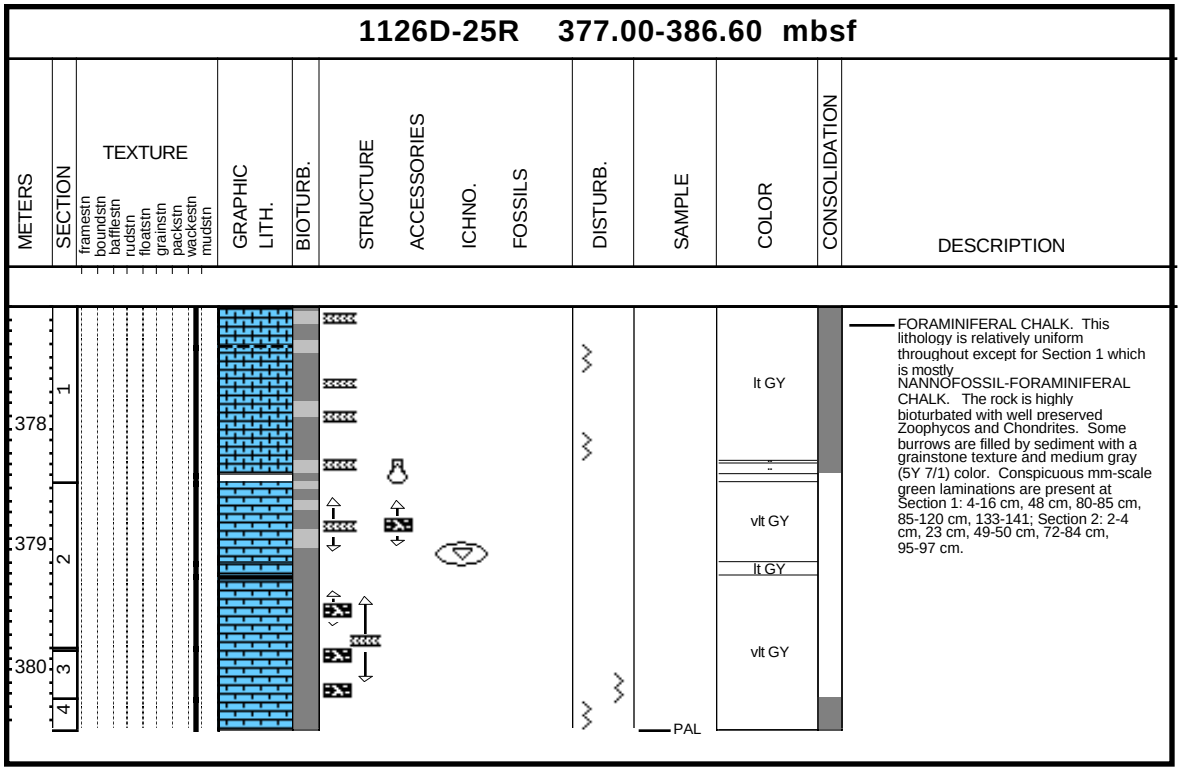
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
368
369
370
1
2
3
IW
PAL
vlt GY
lt GY
vlt GY
FORAMINIFERAL CHALK. This moderately lithified to friable chalk is mostly foraminiferal wackestone in texture with a small unit of nannofossil chalk with mudstone texture at the top of Section 1. The rock is extensively burrowed with Chondrites evident throughout and Zoophycos prominent at several levels. Green laminations are common in Section 2. Thin layers of gray chert (2.5Y 6/1) are present at 54 cm in Section 1 and 02 cm in Section 2.

Core Photo


1126D-25R 377.00-386.60 mbsf
METERS
SECTION
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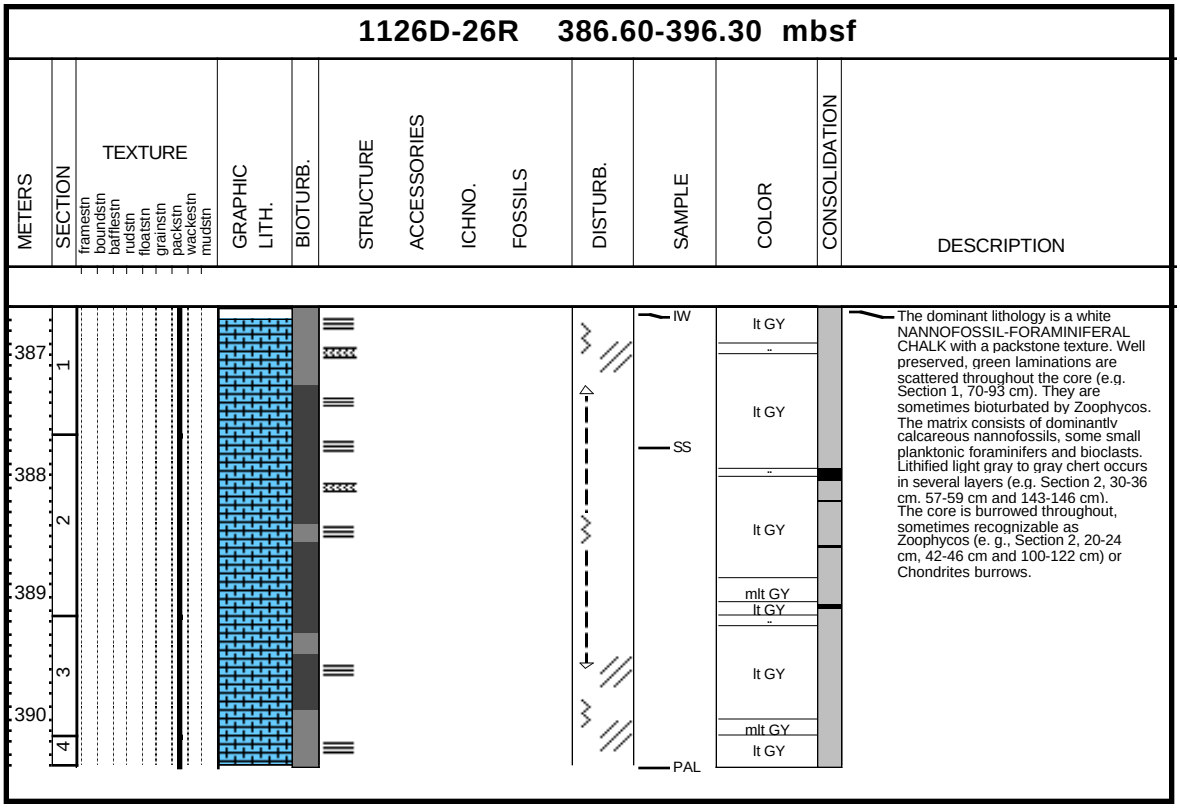
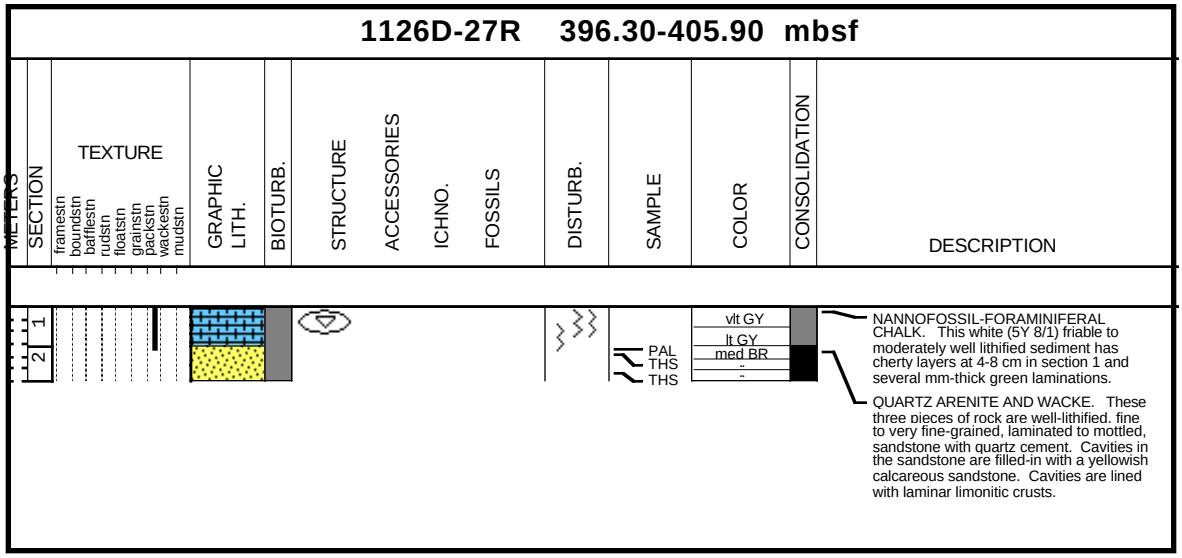
boundstn
baffflestn
rudstn
floatstn
grainstn
packstn
wackestn
mudstn
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
378
379
380
1
2
3
4
lt GY
vlt GY
lt GY
vlt GY
PAL
FORAMINIFERAL CHALK. This lithology is relatively uniform throughout except for Section 1 which is mostly NANNOFOSSIL-FORAMINIFERAL CHALK. The rock is highly bioturbated with well preserved Zoophycos and Chondrites. Some burrows are filled by sediment with a grainstone texture and medium gray (5Y 7/1) color. Conspicuous mm-scale green laminations are present at Section 1: 4-16 cm, 48 cm, 80-85 cm, 85-120 cm, 133-141; Section 2: 2-4 cm, 23 cm, 49-50 cm, 72-84 cm, 95-97 cm.

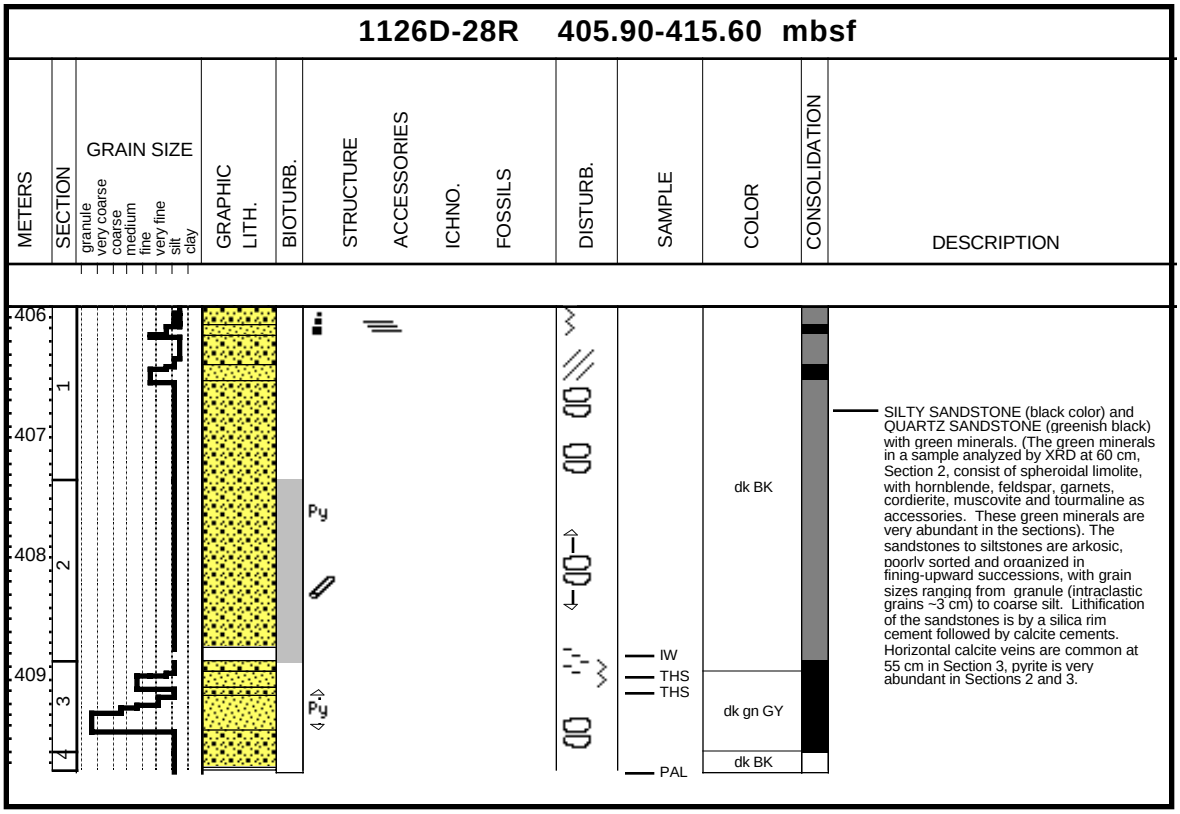
Core Photo


1126D-26R 386.60-396.30 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
387
388
389
390
1
2
3
4
IW
SS
PAL
lt GY
lt GY
lt GY
mlt GY
lt GY
lt GY
mlt GY
lt GY
The dominant lithology is a white NANNOFOSSIL-FORAMINIFERAL CHALK with a packstone texture. Well preserved, green laminations are scattered throughout the core (e.g. Section 1, 70-93 cm). They are sometimes bioturbated by Zoophycos. The matrix consists of dominantly calcareous nannofossils, some small planktonic foraminifers and bioclasts. Lithified light gray to gray chert occurs in several layers (e.g. Section 2, 30-36 cm, 57-59 cm and 143-146 cm). The core is burrowed throughout, sometimes recognizable as Zoophycos (e. g., Section 2, 20-24 cm, 42-46 cm and 100-122 cm) or Chondrites burrows.

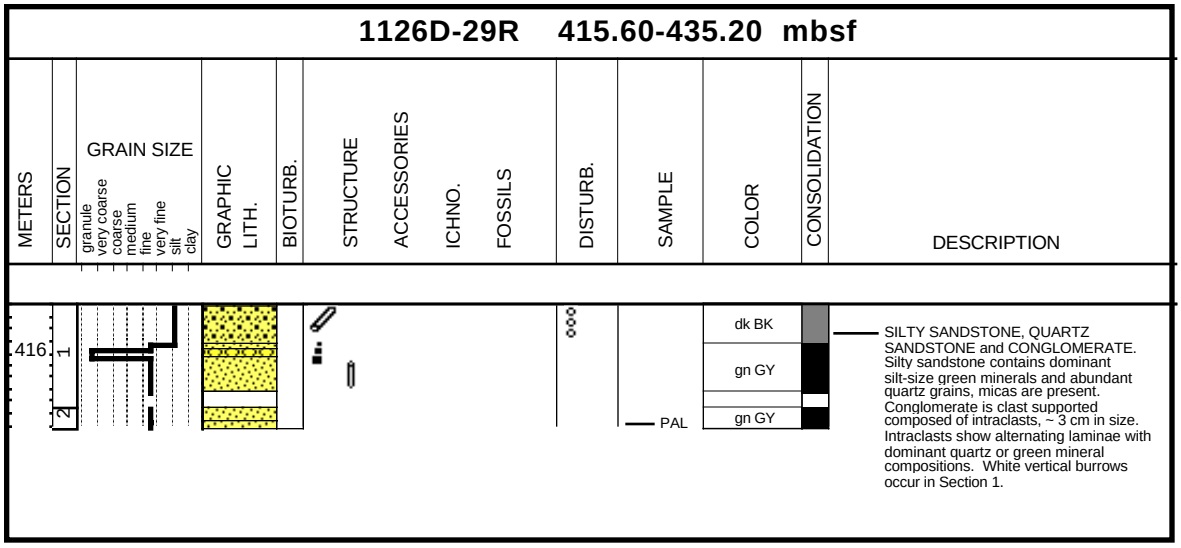
Core Photo


1126D-27R 396.30-405.90 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
1
2
PAL
THS
THS
vlt GY
lt GY
med BR
NANNOFOSSIL-FORAMINIFERAL CHALK. This white (5Y 8/1) friable to moderately well lithified sediment has cherty layers at 4-8 cm in section 1 and several mm-thick green laminations.
QUARTZ ARENITE AND WACKE. These three pieces of rock are well-lithified, fine to very fine-grained, laminated to mottled, sandstone with quartz cement. Cavities in the sandstone are filled-in with a yellowish calcareous sandstone. Cavities are lined with laminar limonitic crusts.

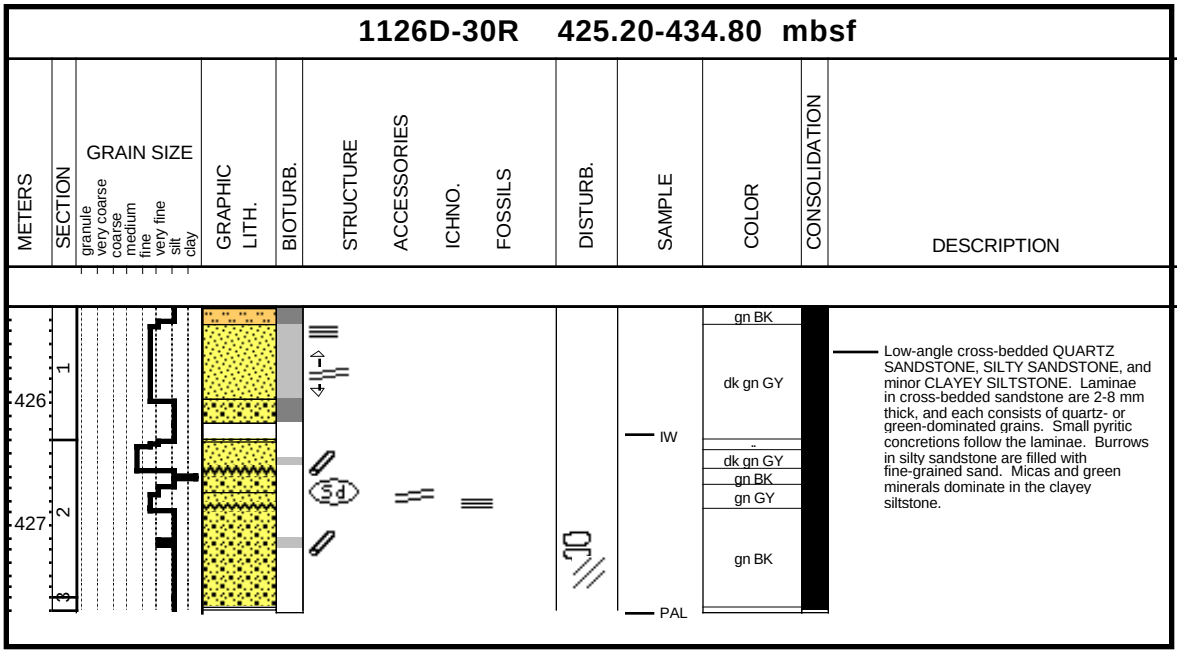
Core Photo


1126D-28R 405.90-415.60 mbsf
METERS
SECTION
GRAIN SIZE
granule
very coarse
coarse
medium
fine
very fine
silt
clay
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
406
407
408
409
1
2
3
4
Py
Py
IW
THS
THS
PAL
dk BK
dk gn GY
dk BK
SILTY SANDSTONE (black color) and QUARTZ SANDSTONE (greenish black) with green minerals. (The green minerals in a sample analyzed by XRD at 60 cm, Section 2, consist of spheroidal limolite, with hornblende, feldspar, garnets, cordierite, muscovite and tourmaline as accessories. These green minerals are very abundant in the sections). The sandstones to siltstones are arkosic, poorly sorted and organized in fining-upward successions, with grain sizes ranging from granule (intraclastic grains ~3 cm) to coarse silt. Lithification of the sandstones is by a silica rim cement followed by calcite cements. Horizontal calcite veins are common at 55 cm in Section 3, pyrite is very abundant in Sections 2 and 3.

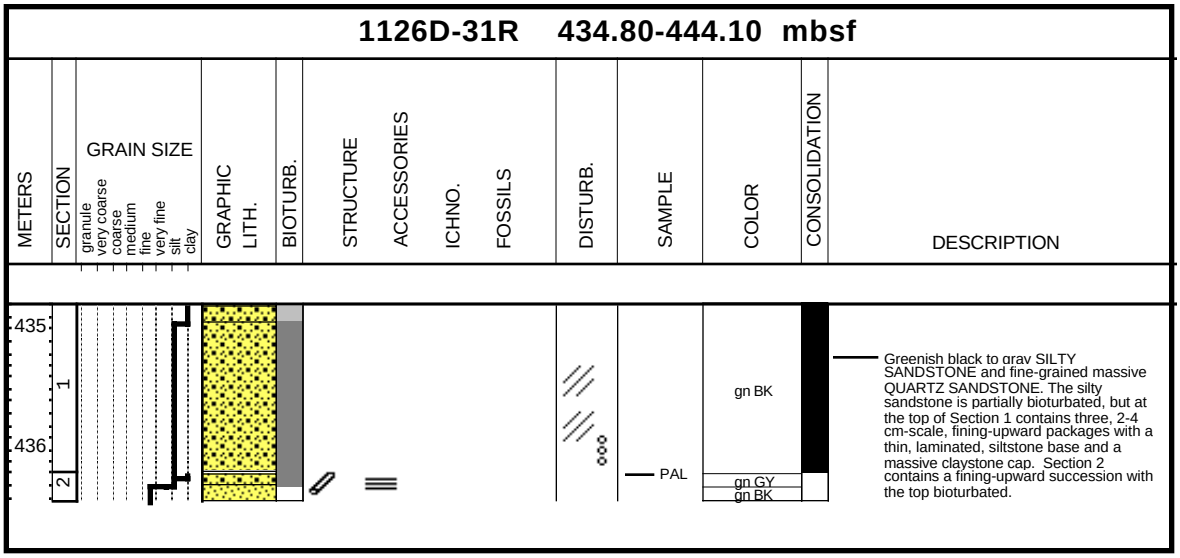
Core Photo


1126D-29R 415.60-435.20 mbsf
METERS
SECTION
GRAIN SIZE
granule
very coarse
coarse
medium
fine
very fine
silt
clay
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
416
1
2
PAL
dk BK
gn GY
gn GY
SILTY SANDSTONE, QUARTZ SANDSTONE and CONGLOMERATE. Silty sandstone contains dominant silt-size green minerals and abundant quartz grains, micas are present. Conglomerate is clast supported composed of intraclasts, ~ 3 cm in size. Intraclasts show alternating laminae with dominant quartz or green mineral compositions. White vertical burrows occur in Section 1.

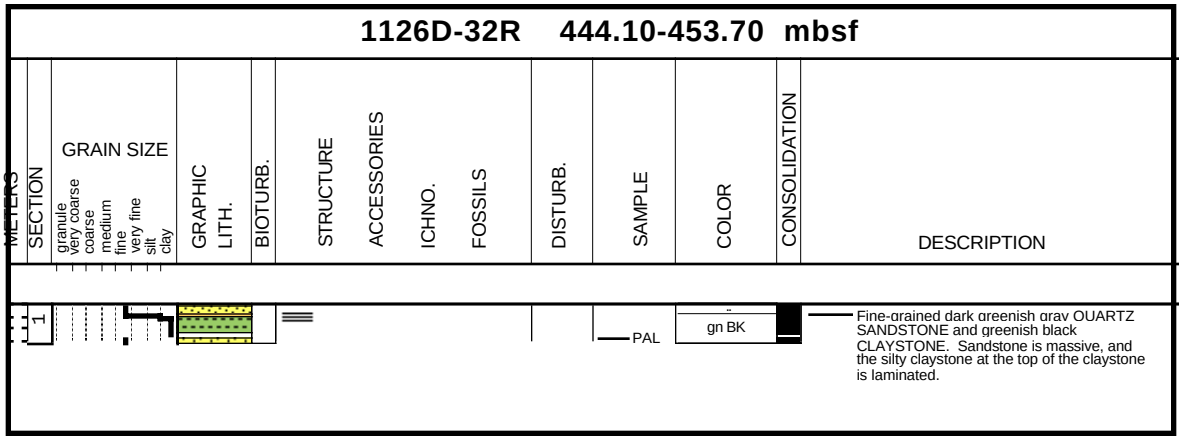
Core Photo


1126D-30R 425.20-434.80 mbsf
METERS
SECTION
GRAIN SIZE
granule
very coarse
coarse
medium
fine
very fine
silt
clay
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
426
427
1
2
3
Sd
IW
PAL
gn BK
dk gn GY
dk gn GY
gn BK
gn GY
gn BK
Low-angle cross-bedded QUARTZ SANDSTONE, SILTY SANDSTONE, and minor CLAYEY SILTSTONE. Laminae in cross-bedded sandstone are 2-8 mm thick, and each consists of quartz- or green-dominated grains. Small pyritic concretions follow the laminae. Burrows in silty sandstone are filled with fine-grained sand. Micas and green minerals dominate in the clayey siltstone.

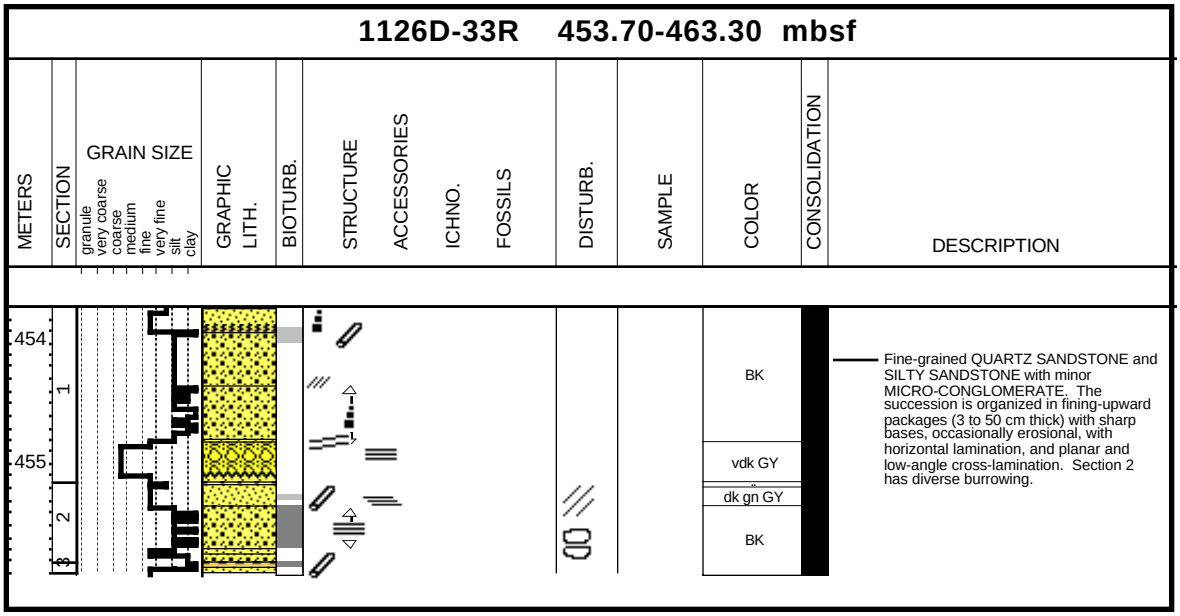
Core Photo


1126D-31R 434.80-444.10 mbsf
METERS
SECTION
GRAIN SIZE
granule
very coarse
coarse
medium
fine
very fine
silt
clay
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
435
436
1
2
PAL
gn BK
gn GY
gn BK
Greenish black to gray SILTY SANDSTONE and fine-grained massive QUARTZ SANDSTONE. The silty sandstone is partially bioturbated, but at the top of Section 1 contains three, 2-4 cm-scale, fining-upward packages with a thin, laminated, siltstone base and a massive claystone cap. Section 2 contains a fining-upward succession with the top bioturbated.

Core Photo


1126D-32R 444.10-453.70 mbsf
METERS
SECTION
GRAIN SIZE
granule
very coarse
coarse
medium
fine
very fine
silt
clay
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
1
PAL
gn BK
Fine-grained dark greenish gray QUARTZ SANDSTONE and greenish black CLAYSTONE. Sandstone is massive, and the silty claystone at the top of the claystone is laminated.

Core Photo


1126D-33R 453.70-463.30 mbsf
METERS
SECTION
GRAIN SIZE
granule
very coarse
coarse
medium
fine
very fine
silt
clay
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
FOSSILS
DISTURB.
SAMPLE
COLOR
CONSOLIDATION
DESCRIPTION
454
455
1
2
3
BK
vdk GY
dk gn GY
BK
Fine-grained QUARTZ SANDSTONE and SILTY SANDSTONE with minor MICRO-CONGLOMERATE. The succession is organized in fining-upward packages (3 to 50 cm thick) with sharp bases, occasionally erosional, with horizontal lamination, and planar and low-angle cross-lamination. Section 2 has diverse burrowing.

Sample								Lithology	Texture			Mineral								Biogenic										Rock				
Leg	Site	Hole	Core	Type	Section	Top (cm)	Depth (mbsf)		Sand	Silt	Clay	Calcite	Dolomite	Fe Oxide	Glauconite	Opaques	Phosphorite	Pyrite	Quartz	Benthic Forams	Coccolith	Echinoid	Echinoid Spine	Mollusk	Ostracod	Planktonic Forams	Radiolarians	Sponge Spicules	Tunicate	Bioclasts	Organic Debris	Organic Matter	Spar Cement	Comments
182	1126	A	1	H	1	70	0.70	D									*			P	D					C		C	C	A				
182	1126	A	1	H	2	81	2.25	D						*	C					P	D					A		P	C					
182	1126	A	1	H	2	123	2.67	D							*					P	D					C		C	C	A				
182	1126	A	1	H	4	11	4.55	D							*					P	A					P		P	C	C				
182	1126	A	1	H	5	75	6.69	D							*						D					C		P	A					
182	1126	B	1	H	1	10	0.10																											
182	1126	B	1	H	1	116	1.16	D												*	D					C		C	C					
182	1126	B	1	H	2	98	2.48	D													A					P		C	C					
182	1126	B	2	H	1	102	7.52	D													D					C		C	C					
182	1126	B	2	H	1	124	7.74	D													D					*		C	C					
182	1126	B	2	H	4	46	11.46	D													D					C		P	C					
182	1126	B	3	H	2	70	18.20	D													D					C		C	C					
182	1126	B	3	H	2	70	18.20																											
182	1126	B	3	H	5	130	23.30	D													D					C		P	C	C				
182	1126	B	4	H	3	125.5	29.76	D													D					C		P	C					
182	1126	B	4	H	6	40	33.40	D													D					C		C	C	C				
182	1126	B	4	H	7	19	34.69	D												C	D					C		C	C					
182	1126	B	5	H	1	72	35.72	D													D					C		C	C	C				
182	1126	B	5	H	2	50	37.00	D													D					C		C	C	C				
182	1126	B	5	H	5	80	41.80	D													D					C		C	C	C				
182	1126	B	5	H	6	3	42.53	D					*		C					C	D					C		R	P					
182	1126	B	5	H	CC	19		D												R	D					C		C	C					
182	1126	B	6	H	4	82	49.82	D													D					P		C	P					
182	1126	B	6	H	4	96	49.96	D			C	C	R							P	A					P		C	R	P	R			
182	1126	B	7	H	1	142	55.42	D				P							R	P	D							P	P					
182	1126	B	7	H	2	54	56.04	D					P		R				P															
182	1126	B	7	H	2	54	56.04	D					P		R				P		D					P		P			P			
182	1126	B	7	H	5	12	60.12	D					*	*	C					P	D					A		P	C	A				
182	1126	B	7	H	6	65	62.15	D					P	*	R						D					P		P	P	A				
182	1126	B	7	H	7	24	63.24	D												C	D					C		P		A				
182	1126	B	8	H	1	93	64.43	D				*							C	P	D					A		P	R	A				
182	1126	B	8	H	4	80	68.80	D											P		D					A		P	*	A	R			
182	1126	B	8	H	6	67	71.67	D				*	*		*				P	R	D			*		A		R	*	A	R			
182	1126	B	9	H	1	145	74.45	D							*				P	P	A					A		R						
182	1126	B	9	H	3	83	76.83	D							*						D					P				A	P			
182	1126	B	10	H	5	48	88.08	D								*			R	R	A					A		P		A				
182	1126	B	11	H	2	48	93.98	D											R	P	D					P		A						
182	1126	B	11	H	6	122	100.72	D											R	P	D					A		P						
182	1126	B	12	H	2	66	103.39	D					P		*				R	P	D	P				C				A				
182	1126	B	14	H	2	119	112.19	D													D					C		P		C	P			
182	1126	B	15	H	1	100	120.00	D													D					*		A			R			
182	1126	B	15	H	3	125		D													D					C		A	R		R			
182	1126	B	17	H	3	87	132.67	D													D					*		C			R			CORRECTION: CORE #17 NOT #15
182	1126	B	17	H	3	109	132.89	D													D					C		A			R			CORRECTION: CORE #17 NOT #15
182	1126	B	17	H	3	125	133.05	D													D					C		A			R			
182	1126	B	17	H	4	134	134.64	D													D					C		A	*	P				
182	1126	B	17	H	4	138	134.68	D												*	D					C		C	*	C				
182	1126	B	18	H	2	2	139.82	D												C	D					A		A						
182	1126	B	18	H	2	42	140.22	D												P	D					A		A		A				
182	1126	B	18	H	2	57	140.37	D							P					P	D				P	A	P	A		C				
182	1126	B	18	H	4	100	143.80	D													D					R		C		C	R			

Sample									Texture			Mineral								Biogenic									Rock				
Leg	Site	Hole	Core	Type	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Calcite	Dolomite	Fe Oxide	Glauconite	Opaques	Phosphorite	Pyrite	Quartz	Benthic Forams	Coccolith	Echinoid	Echinoid Spine	Mollusk	Ostracod	Planktonic Forams	Radiolarians	Sponge Spicules	Tunicate	Bioclasts	Organic Debris	Organic Matter	Spar Cement	Comments
182	1126	B	19	H	2	55	149.85	D								C			P		C					R		A			R			
182	1126	B	19	H	5	50	154.30	D													D					P		A		C				
182	1126	B	19	H	6	75	156.05	D							*				*		D					C		C		A				
182	1126	B	22	X	1	34	167.54	D												R	D					P		C		A				
182	1126	B	24	X	1	80	187.30	D								R					D					R		A		C				
182	1126	B	24	X	CC	10	187.87	D											*	R	D					C		C		A				
182	1126	B	25	X	1	35	196.45	D											*		D					R		R		C				
182	1126	B	27	X	1	22	215.52	D													D					R		D						
182	1126	B	27	X	1	26	215.56	D													D					P		A		C				
182	1126	B	27	X	1	72	216.02	D													D					R		A		C				
182	1126	B	27	X	2	26	217.06	D													D					P		A		C				
182	1126	B	27	X	2	78	217.58	D													D					C		A		R				
182	1126	B	27	X	2	102	217.82	D										A			D					C		A						
182	1126	B	29	X	1	94	235.44	D													D					P		D						
182	1126	C	1	H	1	50	0.50	D													A							A		D				
182	1126	C	1	H	4	63	5.13	D													A							P	P	D				
182	1126	C	5	H	2	75	39.25	D																		C		C	C	D				
182	1126	C	7	H	3	22	59.22	M						R					P		C					A		R	R	C				
182	1126	C	7	H	5	10	62.10	D												P	D					C				C				
182	1126	C	7	H	5	146	63.46	D						*		R			P		C	R				C		R	P	A				
182	1126	C	9	H	6	84	83.34	M								*					D					P				C				
182	1126	D	3	R	1	5	165.55	D											P		C					A		A		C				
182	1126	D	3	R	1	58	166.08	D						*	R				*		C					C		D		C				
182	1126	D	8	R	1	54	214.04	D													A					C		D						
182	1126	D	12	R	1	50	252.40	D													D		*			P		A						
182	1126	D	20	R	1	40	329.30	D			D										D					P		*						
182	1126	D	22	R	1	50	348.60	D		D											D					C		R						
182	1126	D	22	R	1	80	348.90	D		D											D					C		R			*			
182	1126	D	26	R	2	10	387.75	D													D					A				C				

Sample										Texture										Mineral												Biogenic																	Rock								Diagenesis	
Leg	Site	Hole	Core	Type	Section	Top (cm)	Bottom (cm)	Depth (mbsf)	Lithology	Mudstone	Wackestone	Packstone	Grainstone	Floatstone	Rudstone	Boundstone	Sand	Silt	Clay	Aragonite (15)	Calcite (30)	Dolomite (62)	Fe Oxide (68)	Glauconite (82)	Opaques (140)	Phosphorite (157)	Pyrite (169)	Quartz (172)	Feldspar	Lithic fragments	Volcanic Glass (81)	Algae (5)	Benthic Forams (20)	Bivalves (23)	Bryozoa (24)	Coccolith (51)	Diatoms (58)	Echinoid (65)	Echinoid Spine (64)	Gastropod (80)	Molluscs	Nannofossils (132)	Planktonic Forams (160)	Pteropod (166)	Radiolarians (173)	Silicoflagellates (189)	Sponge Spicules (199)	Tunicate (216)	Bioclasts (21)	Intraclasts (98)	Micrite (119)	Ooids (137)	Organic Debris	Organic Matter (142)	Peloids (153)	Spar Cement (194)	Silicification	Comments
182	1126	B	10	H	1	1	3	82.51	M		X																						P										A				A		P									
182	1126	B	26	X	CC	1	6	205.71	D		X											R						R														A	A				A		P								X	burrowed with packstone infillings; planktonic foraminifers are quartz-filled
182	1126	B	29	X	1	49	54	234.98	D		X												*	*	*			R													*	C	C				D		P								X	bioturbated; burrowed with spiculitic infillings; some planktonic foraminifers are quartz-filled
182	1126	D	2	R	1	32	36		D		X																						P										A				D		P						R			
182	1126	D	3	R	CC	12	15	166.77	M			X												P				P					P					P					P				P		A									
182	1126	D	4	R	CC	8	12	175.19	D		X													P																			A				A		P									
182	1126	D	27	R	CC	4	6	396.67	D								D		*				C	*																																		
182	1126	D	27	R	CC	14	16	396.77	D								D						A			A		A																			*											
182	1126	D	28	R	3	12	14	408.96	D								D						P						R	D																	*		C									
182	1126	D	28	R	3	39	43	409.23									D							C			*			D																			*									