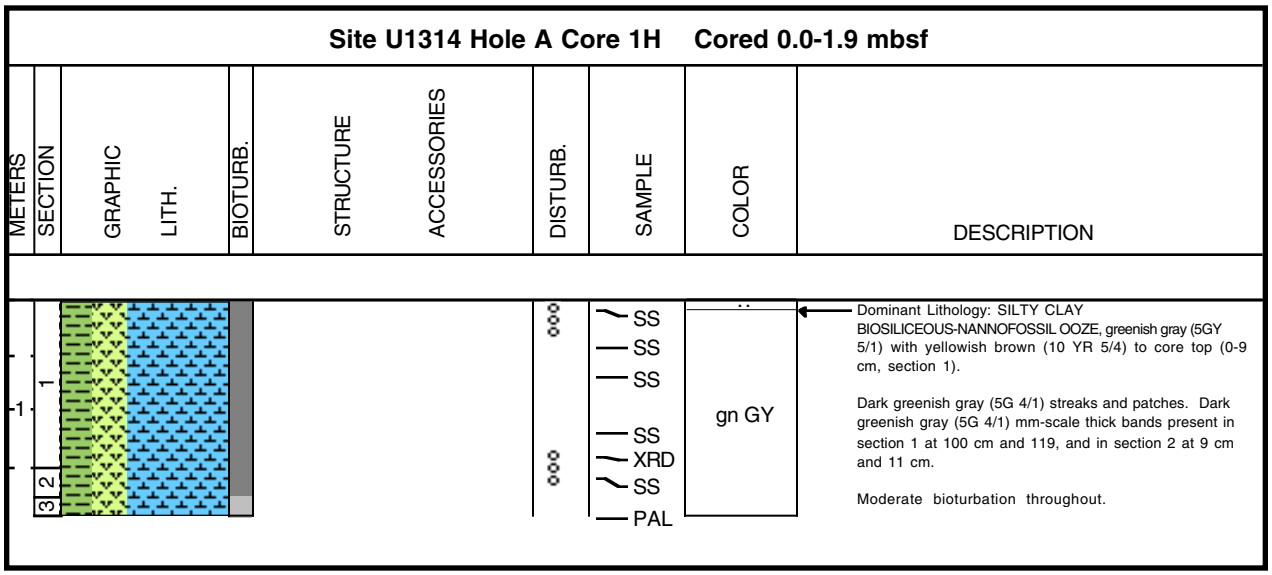
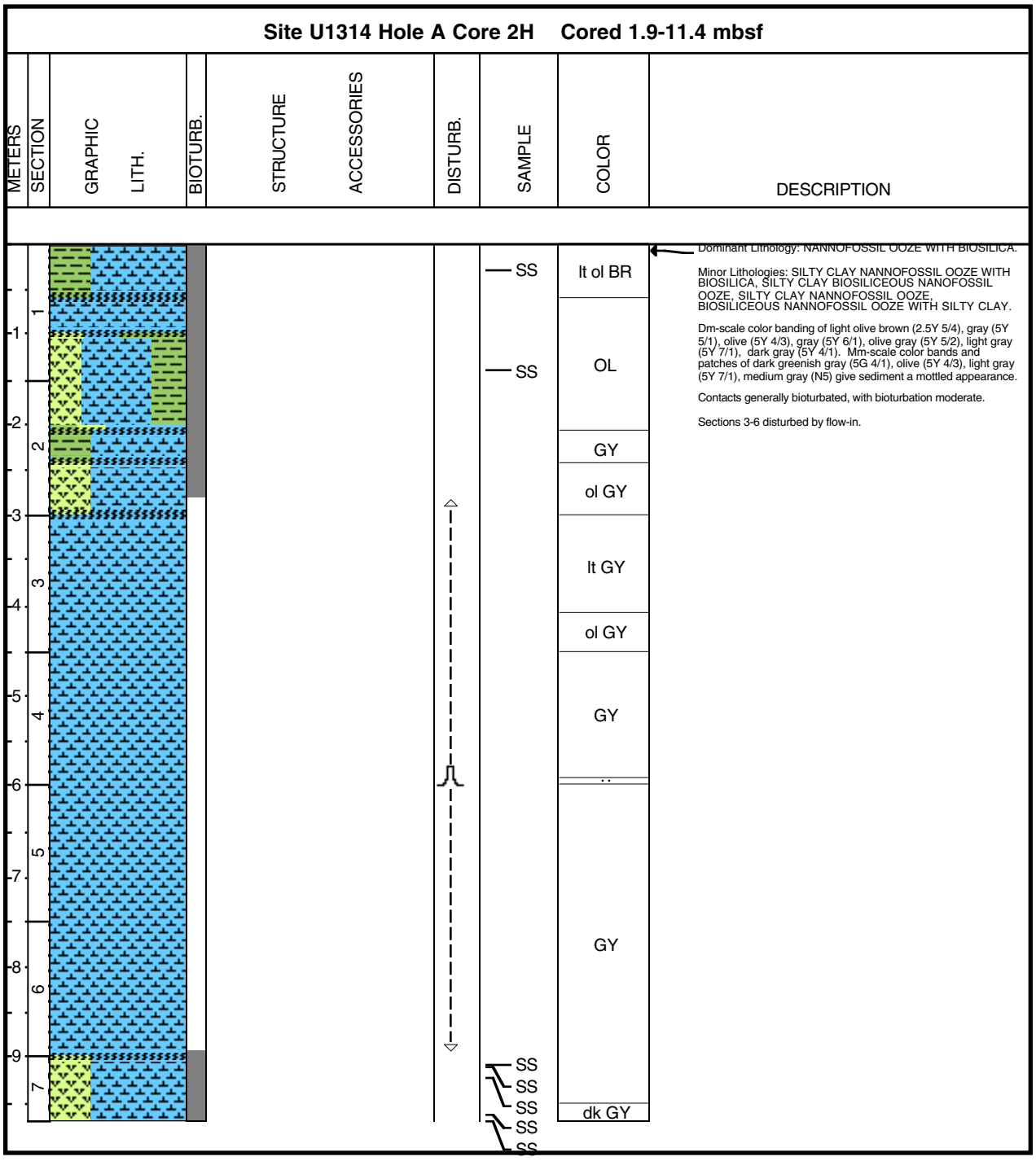
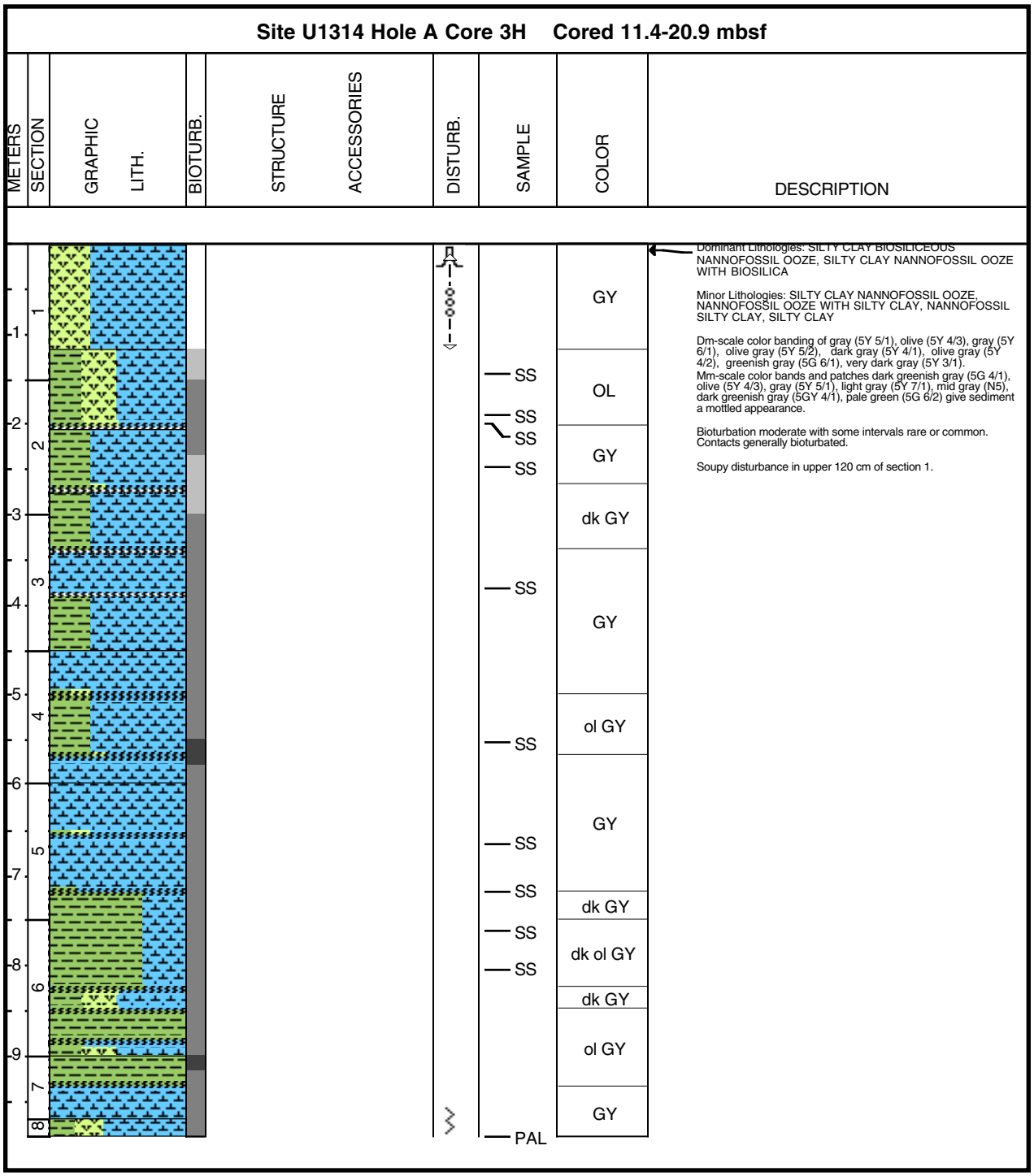
Core Photo


Site U1314 Hole A Core 1H Cored 0.0-1.9 mbsf
METERS
SECTION
GRAPHIC
LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
-1
1
2
3
SS
SS
SS
SS
XRD
SS
PAL
gn GY
Dominant Lithology: SILTY CLAY
BIOSILICEOUS-NANNOFOSSIL OOZE, greenish gray (5GY 5/1) with yellowish brown (10 YR 5/4) to core top (0-9 cm, section 1).
Dark greenish gray (5G 4/1) streaks and patches. Dark greenish gray (5G 4/1) mm-scale thick bands present in section 1 at 100 cm and 119, and in section 2 at 9 cm and 11 cm.
Moderate bioturbation throughout.

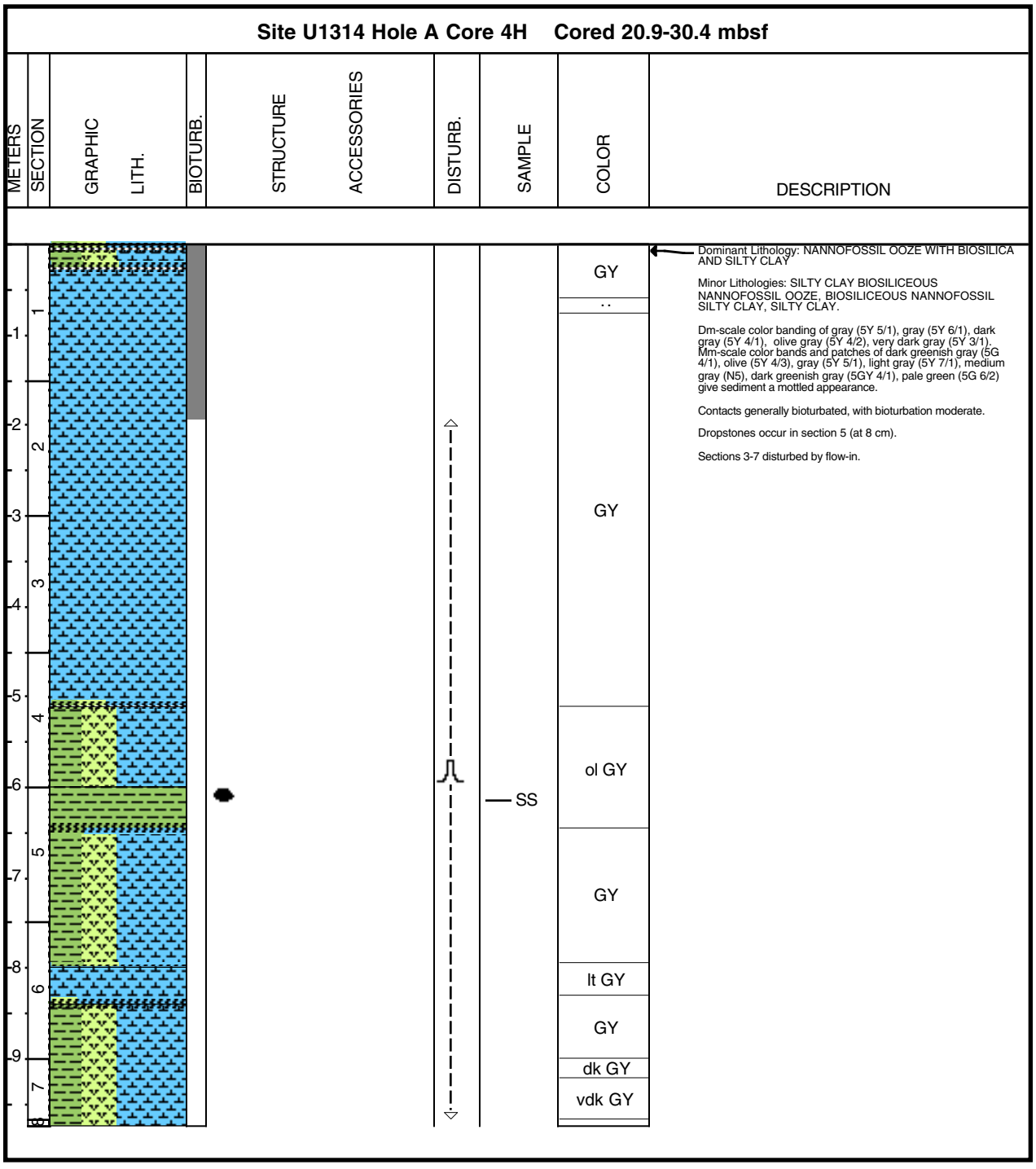
Core Photo


Site U1314 Hole A Core 2H Cored 1.9-11.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
lt ol BR
OL
GY
ol GY
lt GY
ol GY
GY
GY
dk GY
Dominant Lithology: NANNOFOSSIL OOZE WITH BIOSILICA.
Minor Lithologies: SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA, SILTY CLAY BIOSILICEOUS NANNOFOSSIL OOZE, SILTY CLAY NANNOFOSSIL OOZE, BIOSILICEOUS NANNOFOSSIL OOZE WITH SILTY CLAY.
Dm-scale color banding of light olive brown (2.5Y 5/4), gray (5Y 5/1), olive (5Y 4/3), gray (5Y 6/1), olive gray (5Y 5/2), light gray (5Y 7/1), dark gray (5Y 4/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), light gray (5Y 7/1), medium gray (N5) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate.
Sections 3-6 disturbed by flow-in.

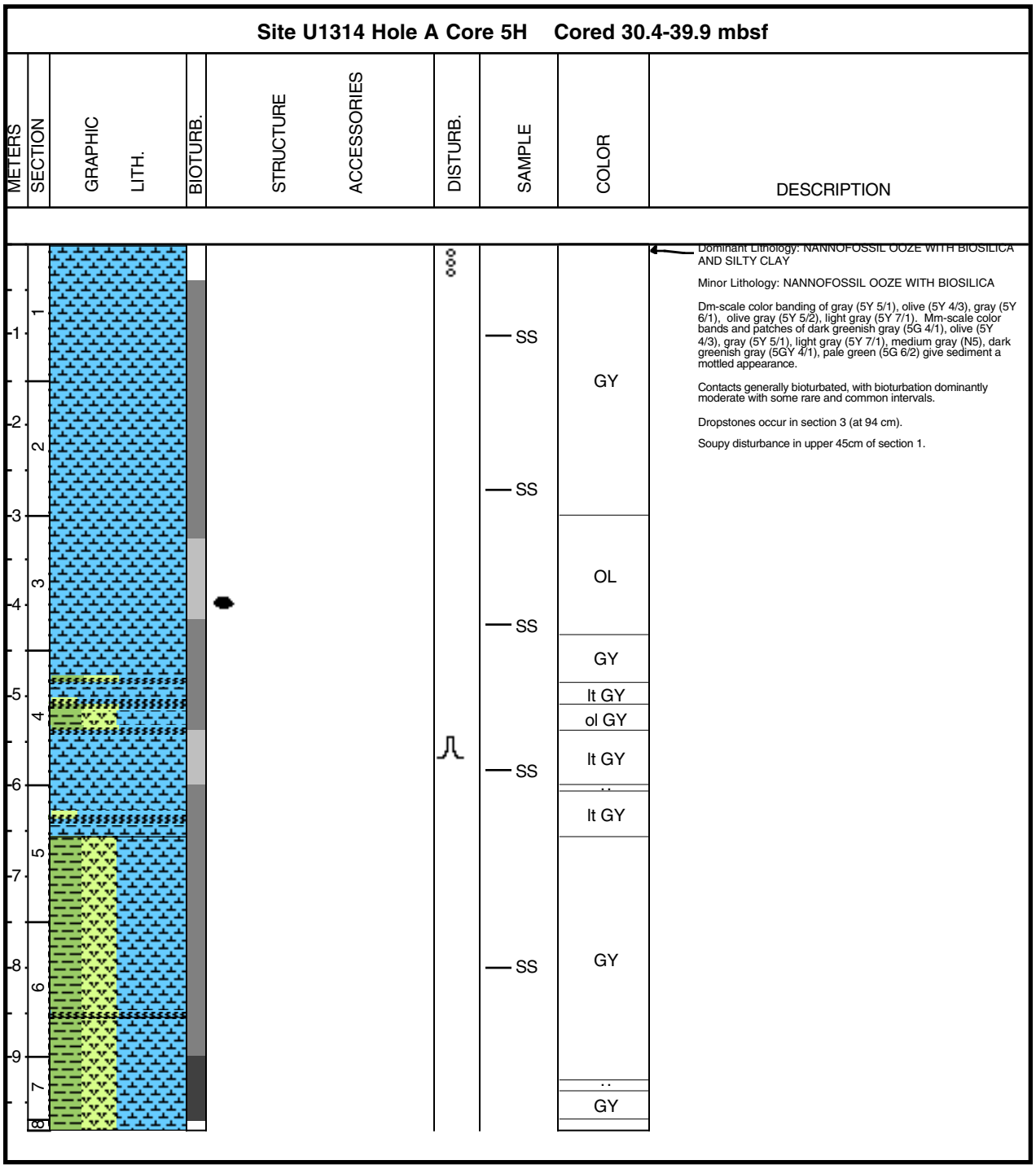
Core Photo


Site U1314 Hole A Core 3H Cored 11.4-20.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithologies: SILTY CLAY BIOSILICEOUS NANNOFOSSIL OOZE, SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA
Minor Lithologies: SILTY CLAY NANNOFOSSIL OOZE, NANNOFOSSIL OOZE WITH SILTY CLAY, NANNOFOSSIL SILTY CLAY, SILTY CLAY
Dm-scale color banding of gray (5Y 5/1), olive (5Y 4/3), gray (5Y 6/1), olive gray (5Y 5/2), dark gray (5Y 4/1), olive gray (5Y 4/2), greenish gray (5G 6/1), very dark gray (5Y 3/1).
Mm-scale color bands and patches dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), mid gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Bioturbation moderate with some intervals rare or common. Contacts generally bioturbated.
Soupy disturbance in upper 120 cm of section 1.
SS
SS
SS
SS
SS
SS
SS
SS
SS
PAL
GY
OL
GY
dk GY
GY
ol GY
GY
dk GY
dk ol GY
dk GY
ol GY
GY

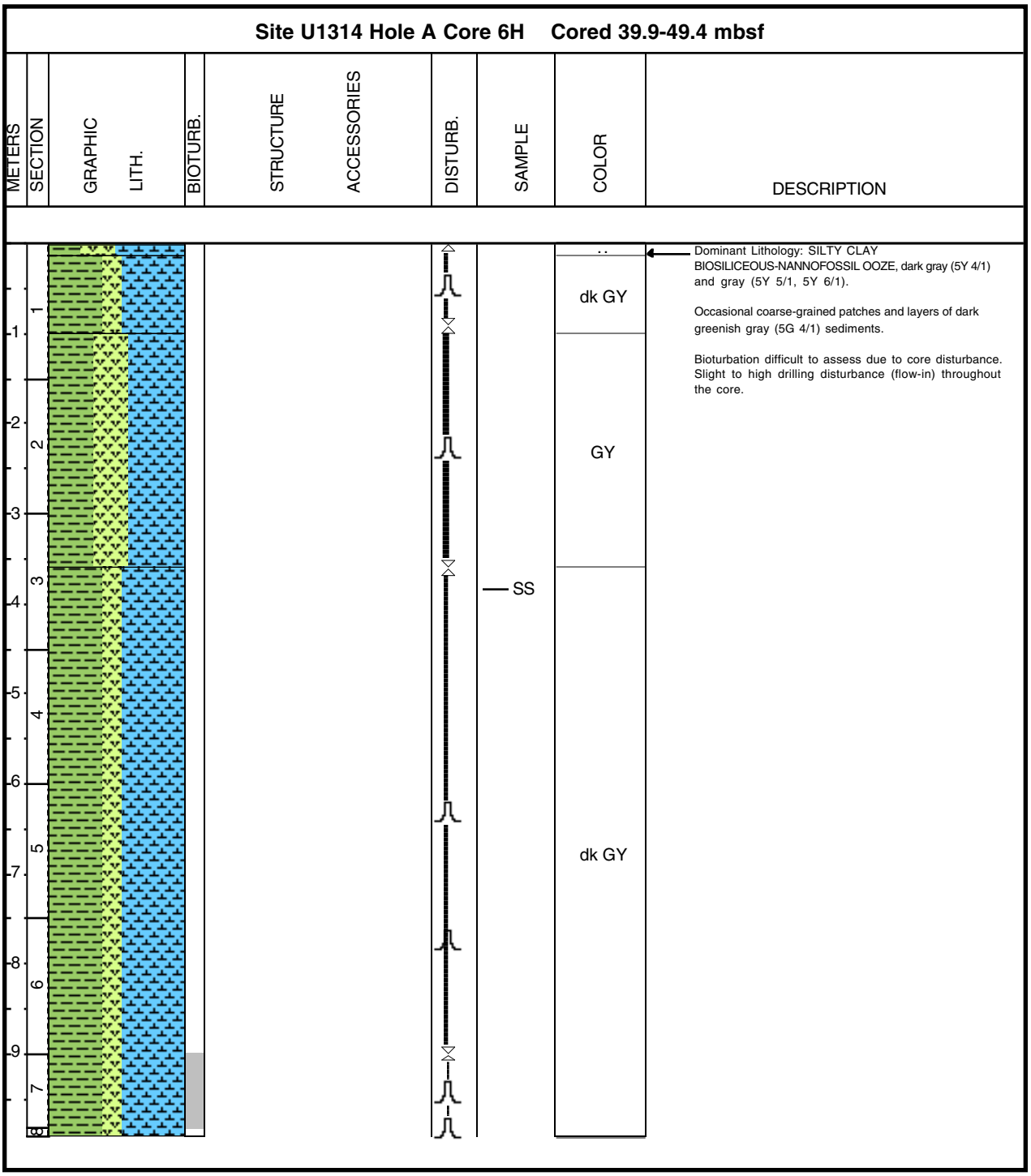
Core Photo


Site U1314 Hole A Core 4H Cored 20.9-30.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
GY
GY
ol GY
GY
lt GY
GY
dk GY
vdk GY
SS
Dominant Lithology: NANNOFOSSIL OOZE WITH BIOSILICA AND SILTY CLAY
Minor Lithologies: SILTY CLAY BIOSILICEOUS NANNOFOSSIL OOZE, BIOSILICEOUS NANNOFOSSIL SILTY CLAY, SILTY CLAY.
Dm-scale color banding of gray (5Y 5/1), gray (5Y 6/1), dark gray (5Y 4/1), olive gray (5Y 4/2), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate.
Dropstones occur in section 5 (at 8 cm).
Sections 3-7 disturbed by flow-in.

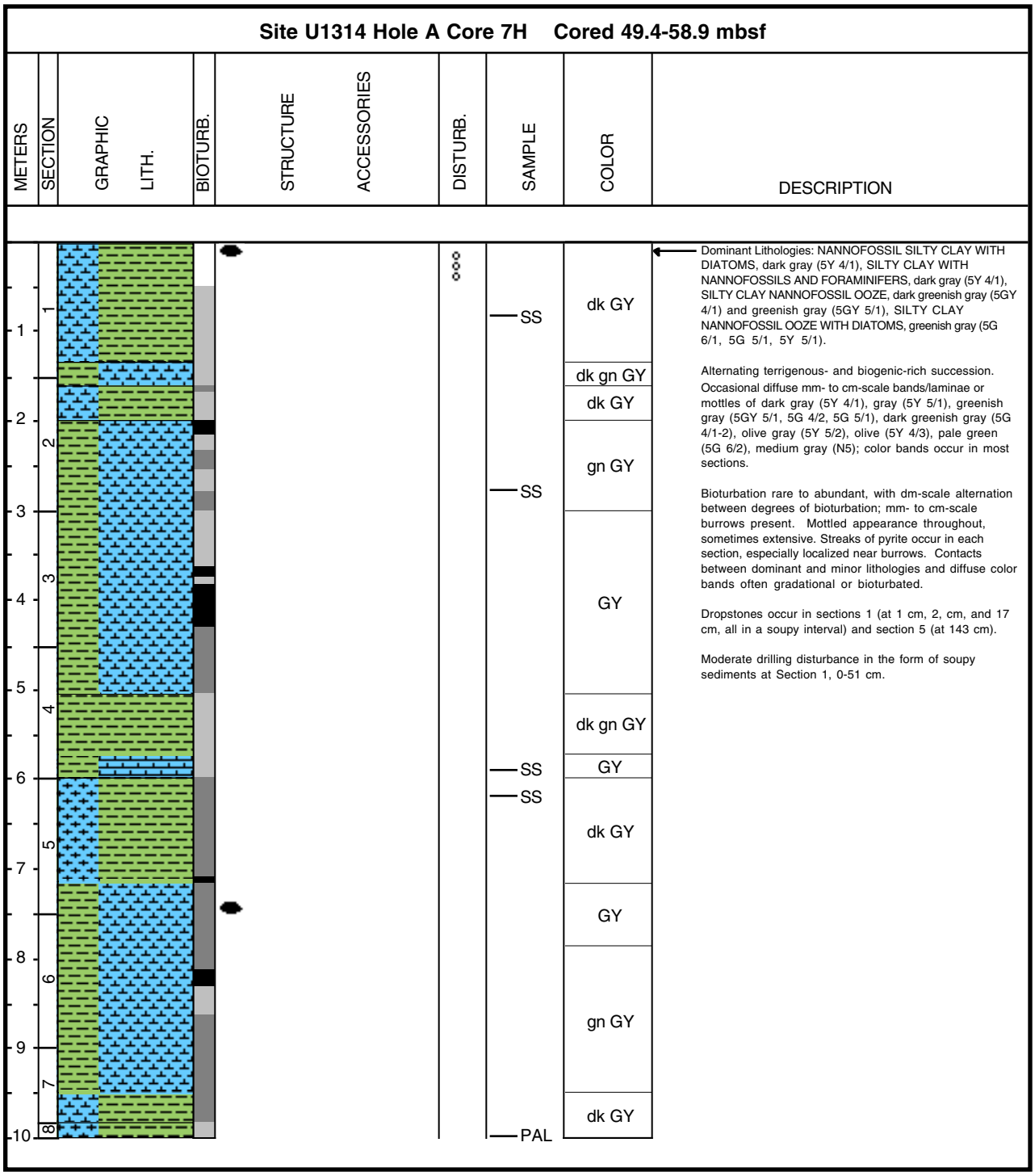
Core Photo


Site U1314 Hole A Core 5H Cored 30.4-39.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
SS
SS
SS
GY
OL
GY
lt GY
ol GY
lt GY
lt GY
GY
GY
Dominant Lithology: NANNOFOSSIL OOZE WITH BIOSILICA AND SILTY CLAY
Minor Lithology: NANNOFOSSIL OOZE WITH BIOSILICA
Dm-scale color banding of gray (5Y 5/1), olive (5Y 4/3), gray (5Y 6/1), olive gray (5Y 5/2), light gray (5Y 7/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate with some rare and common intervals.
Dropstones occur in section 3 (at 94 cm).
Soupy disturbance in upper 45cm of section 1.

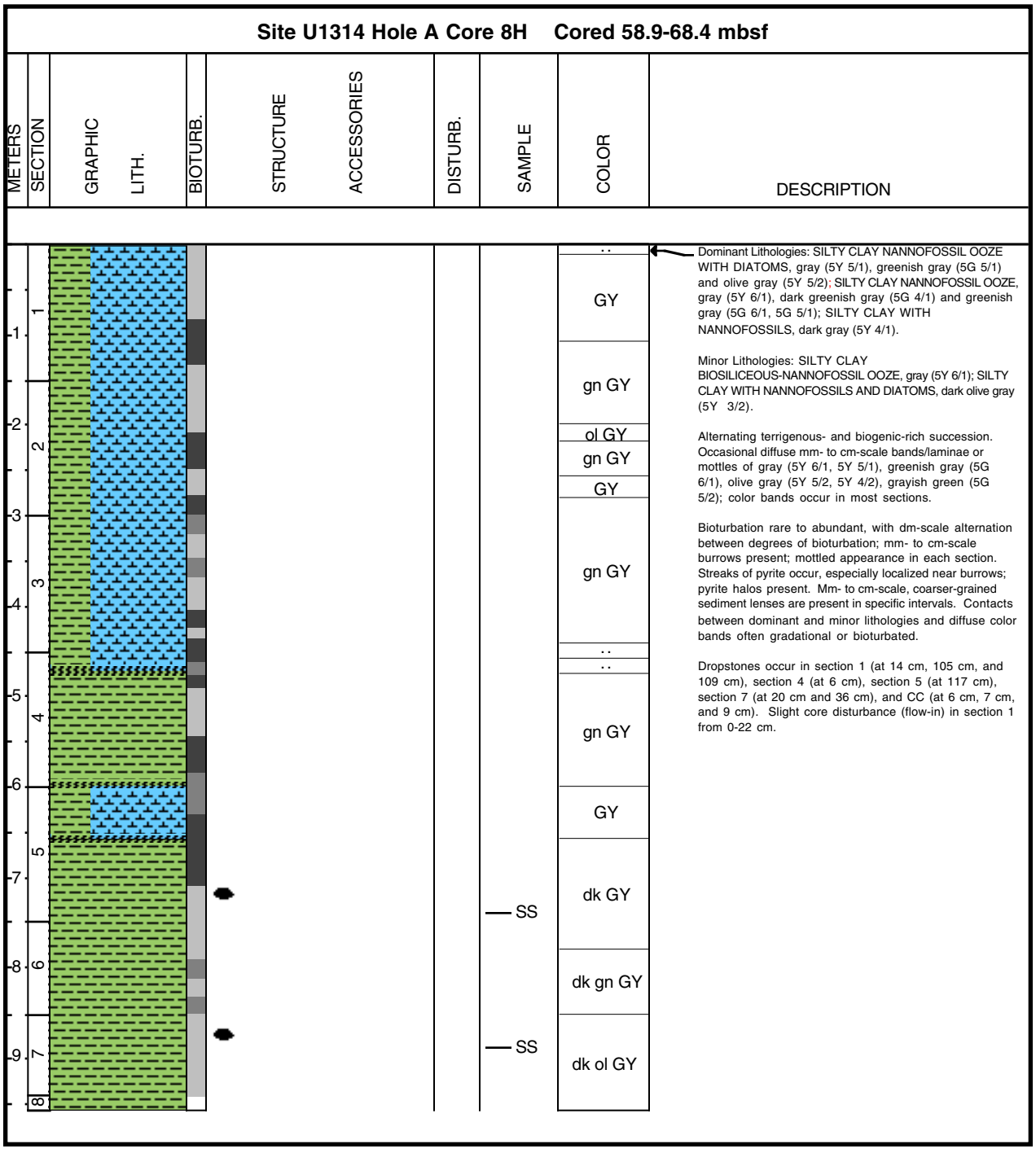
Core Photo


Site U1314 Hole A Core 6H Cored 39.9-49.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
dk GY
GY
dk GY
SS
Dominant Lithology: SILTY CLAY BIOSILICEOUS-NANNOFOSSIL OOZE, dark gray (5Y 4/1) and gray (5Y 5/1, 5Y 6/1).
Occasional coarse-grained patches and layers of dark greenish gray (5G 4/1) sediments.
Bioturbation difficult to assess due to core disturbance. Slight to high drilling disturbance (flow-in) throughout the core.

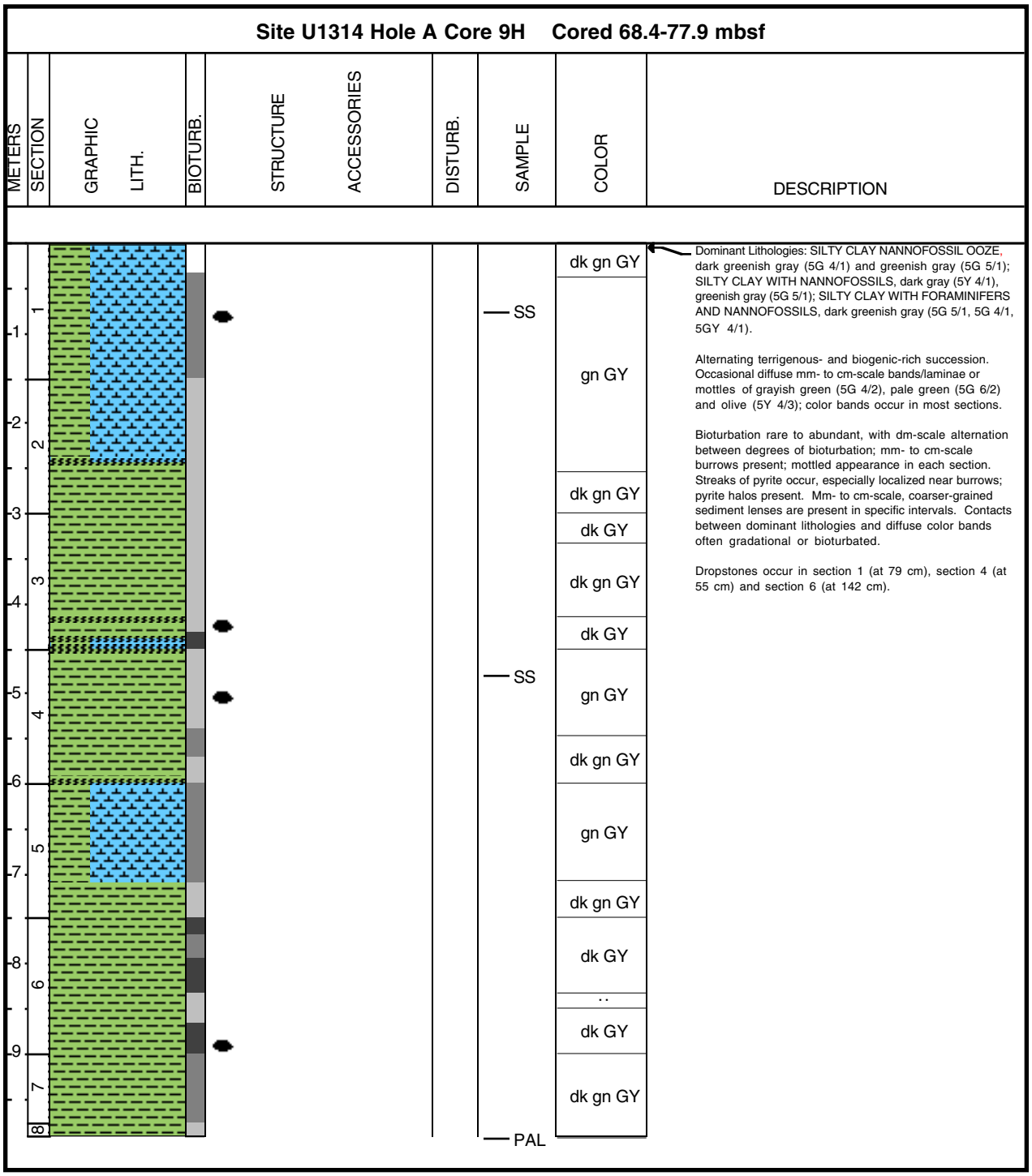
Core Photo


Site U1314 Hole A Core 7H Cored 49.4-58.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
SS
SS
PAL
dk GY
dk gn GY
dk GY
gn GY
GY
dk gn GY
GY
dk GY
GY
gn GY
dk GY
Dominant Lithologies: NANNOFOSSIL SILTY CLAY WITH DIATOMS, dark gray (5Y 4/1), SILTY CLAY WITH NANNOFOSSILS AND FORAMINIFERS, dark gray (5Y 4/1), SILTY CLAY NANNOFOSSIL OOZE, dark greenish gray (5GY 4/1) and greenish gray (5GY 5/1), SILTY CLAY NANNOFOSSIL OOZE WITH DIATOMS, greenish gray (5G 6/1, 5G 5/1, 5Y 5/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of dark gray (5Y 4/1), gray (5Y 5/1), greenish gray (5GY 5/1, 5G 4/2, 5G 5/1), dark greenish gray (5G 4/1-2), olive gray (5Y 5/2), olive (5Y 4/3), pale green (5G 6/2), medium gray (N5); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present. Mottled appearance throughout, sometimes extensive. Streaks of pyrite occur in each section, especially localized near burrows. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.
Dropstones occur in sections 1 (at 1 cm, 2, cm, and 17 cm, all in a soupy interval) and section 5 (at 143 cm).
Moderate drilling disturbance in the form of soupy sediments at Section 1, 0-51 cm.

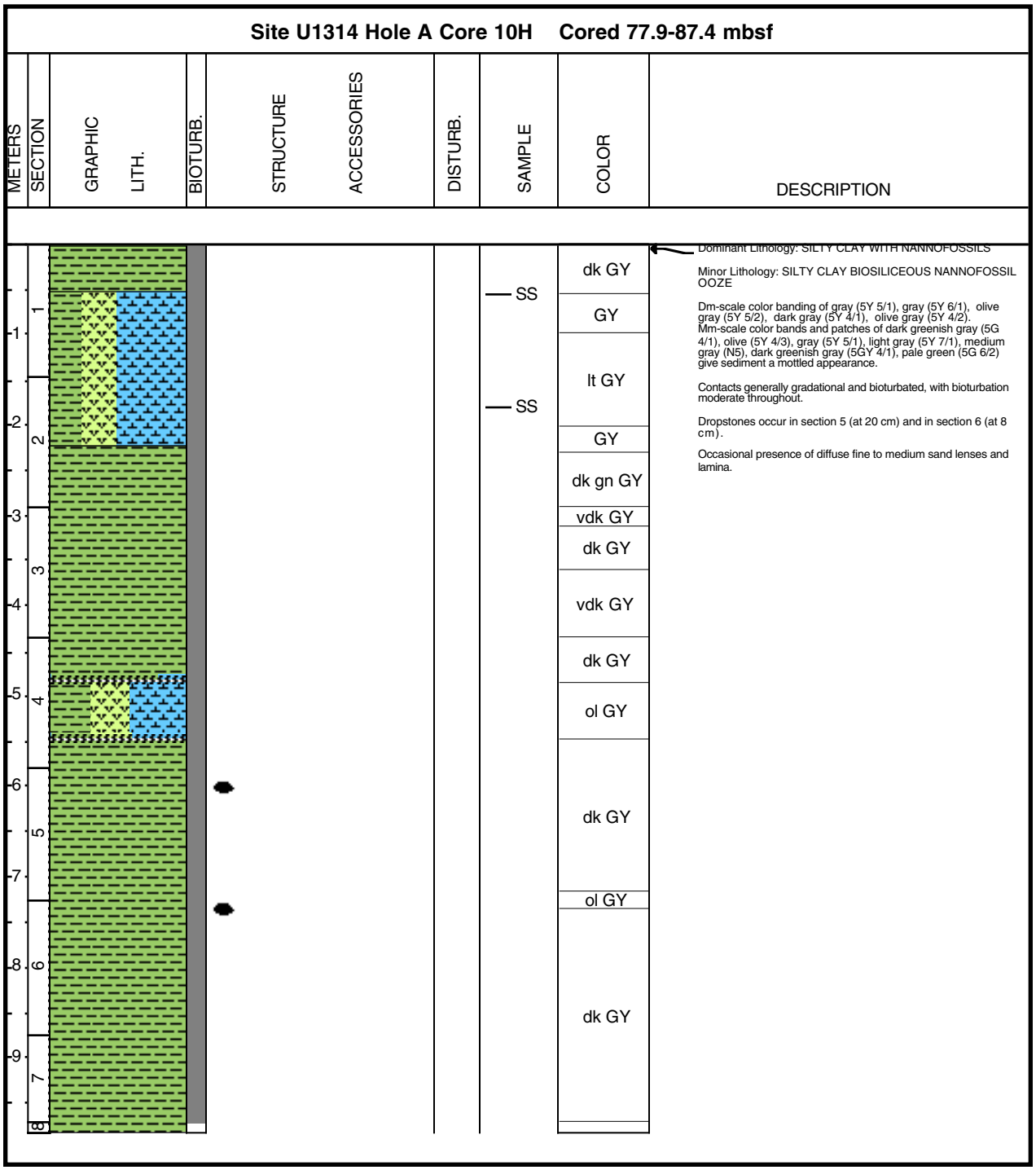
Core Photo


Site U1314 Hole A Core 8H Cored 58.9-68.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
GY
gn GY
ol GY
gn GY
GY
gn GY
gn GY
GY
dk GY
dk gn GY
dk ol GY
SS
SS
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE WITH DIATOMS, gray (5Y 5/1), greenish gray (5G 5/1) and olive gray (5Y 5/2); SILTY CLAY NANNOFOSSIL OOZE, gray (5Y 6/1), dark greenish gray (5G 4/1) and greenish gray (5G 6/1, 5G 5/1); SILTY CLAY WITH NANNOFOSSILS, dark gray (5Y 4/1).
Minor Lithologies: SILTY CLAY BIOSILICEOUS-NANNOFOSSIL OOZE, gray (5Y 6/1); SILTY CLAY WITH NANNOFOSSILS AND DIATOMS, dark olive gray (5Y 3/2).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of gray (5Y 6/1, 5Y 5/1), greenish gray (5G 6/1), olive gray (5Y 5/2, 5Y 4/2), grayish green (5G 5/2); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows; pyrite halos present. Mm- to cm-scale, coarser-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.
Dropstones occur in section 1 (at 14 cm, 105 cm, and 109 cm), section 4 (at 6 cm), section 5 (at 117 cm), section 7 (at 20 cm and 36 cm), and CC (at 6 cm, 7 cm, and 9 cm). Slight core disturbance (flow-in) in section 1 from 0-22 cm.

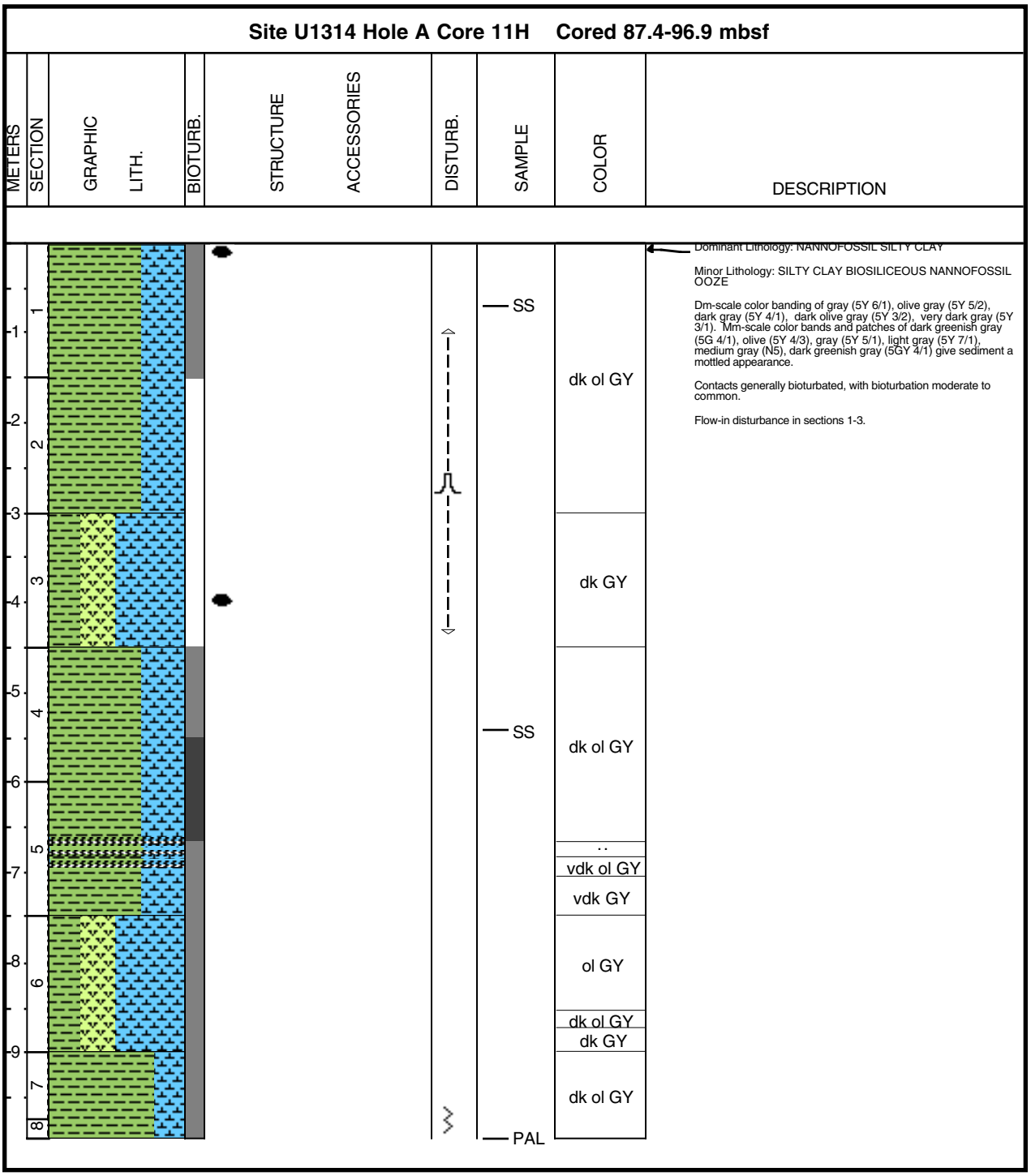
Core Photo


Site U1314 Hole A Core 9H Cored 68.4-77.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
PAL
dk gn GY
gn GY
dk gn GY
dk GY
dk gn GY
dk GY
gn GY
dk gn GY
gn GY
dk gn GY
dk GY
dk GY
dk gn GY
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE, dark greenish gray (5G 4/1) and greenish gray (5G 5/1); SILTY CLAY WITH NANNOFOSSILS, dark gray (5Y 4/1), greenish gray (5G 5/1); SILTY CLAY WITH FORAMINIFERS AND NANNOFOSSILS, dark greenish gray (5G 5/1, 5G 4/1, 5GY 4/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of grayish green (5G 4/2), pale green (5G 6/2) and olive (5Y 4/3); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows; pyrite halos present. Mm- to cm-scale, coarser-grained sediment lenses are present in specific intervals. Contacts between dominant lithologies and diffuse color bands often gradational or bioturbated.
Dropstones occur in section 1 (at 79 cm), section 4 (at 55 cm) and section 6 (at 142 cm).

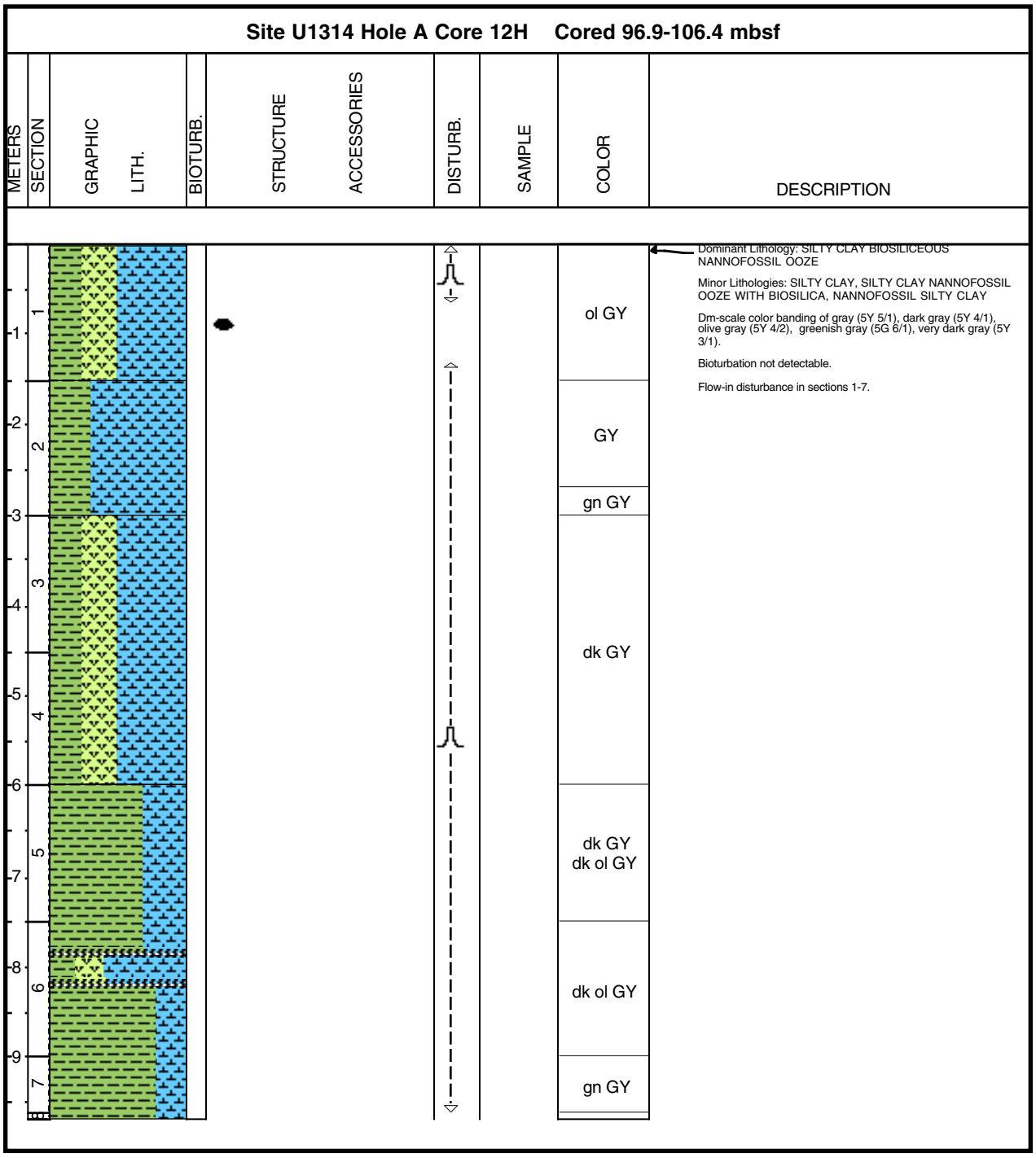
Core Photo


Site U1314 Hole A Core 10H Cored 77.9-87.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
dk GY
GY
lt GY
GY
dk gn GY
vdk GY
dk GY
vdk GY
dk GY
ol GY
dk GY
ol GY
dk GY
Dominant Lithology: SILTY CLAY WITH NANNOFOSSILS
Minor Lithology: SILTY CLAY BIOSILICEOUS NANNOFOSSIL OOZE
Dm-scale color banding of gray (5Y 5/1), gray (5Y 6/1), olive gray (5Y 5/2), dark gray (5Y 4/1), olive gray (5Y 4/2). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally gradational and bioturbated, with bioturbation moderate throughout.
Dropstones occur in section 5 (at 20 cm) and in section 6 (at 8 cm).
Occasional presence of diffuse fine to medium sand lenses and lamina.

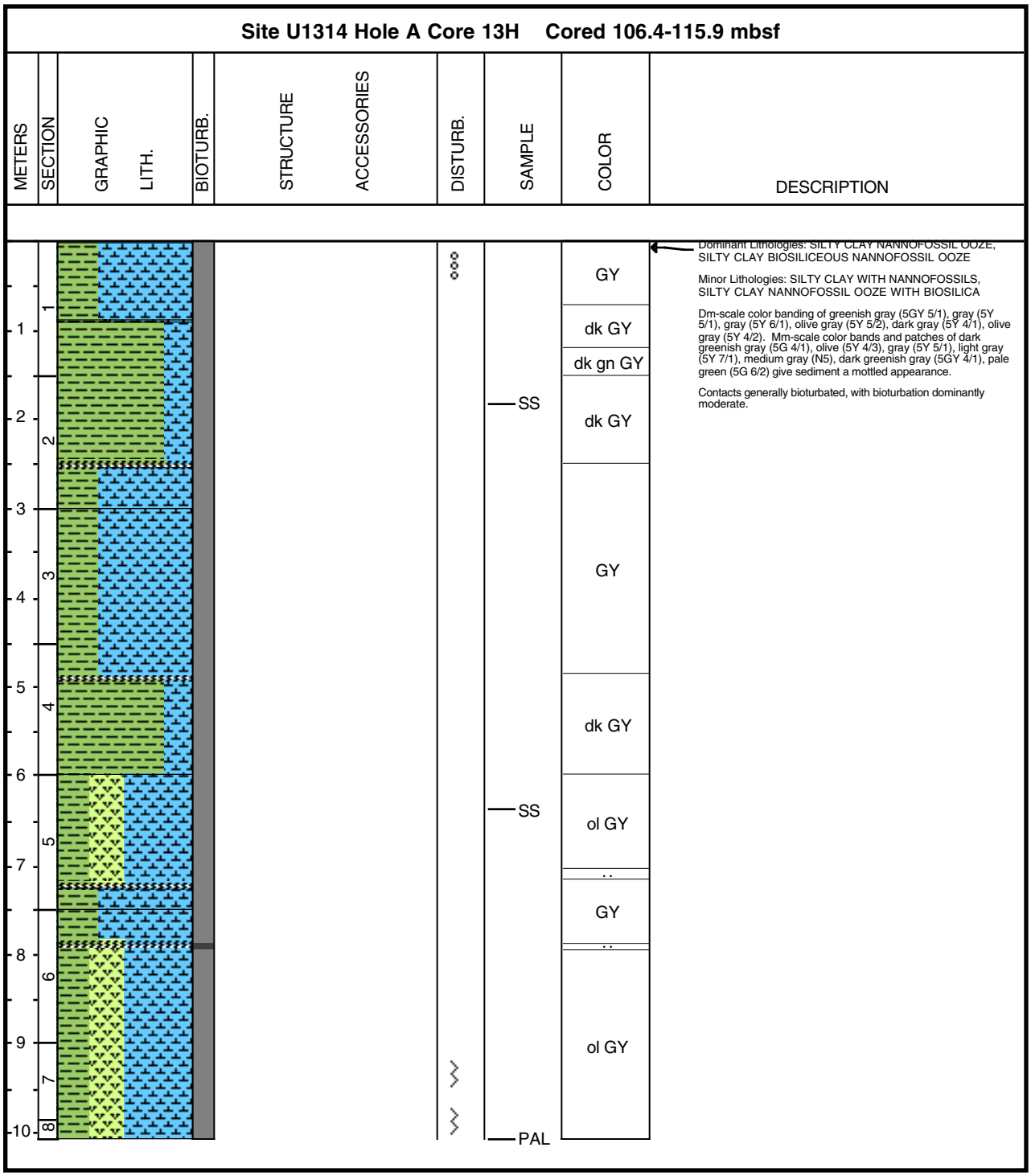
Core Photo


Site U1314 Hole A Core 11H Cored 87.4-96.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
PAL
dk ol GY
dk GY
dk ol GY
vdk ol GY
vdk GY
ol GY
dk ol GY
dk GY
dk ol GY
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithology: SILTY CLAY BIOSILICEOUS NANNOFOSSIL OOZE
Dm-scale color banding of gray (5Y 6/1), olive gray (5Y 5/2), dark gray (5Y 4/1), dark olive gray (5Y 3/2), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common.
Flow-in disturbance in sections 1-3.

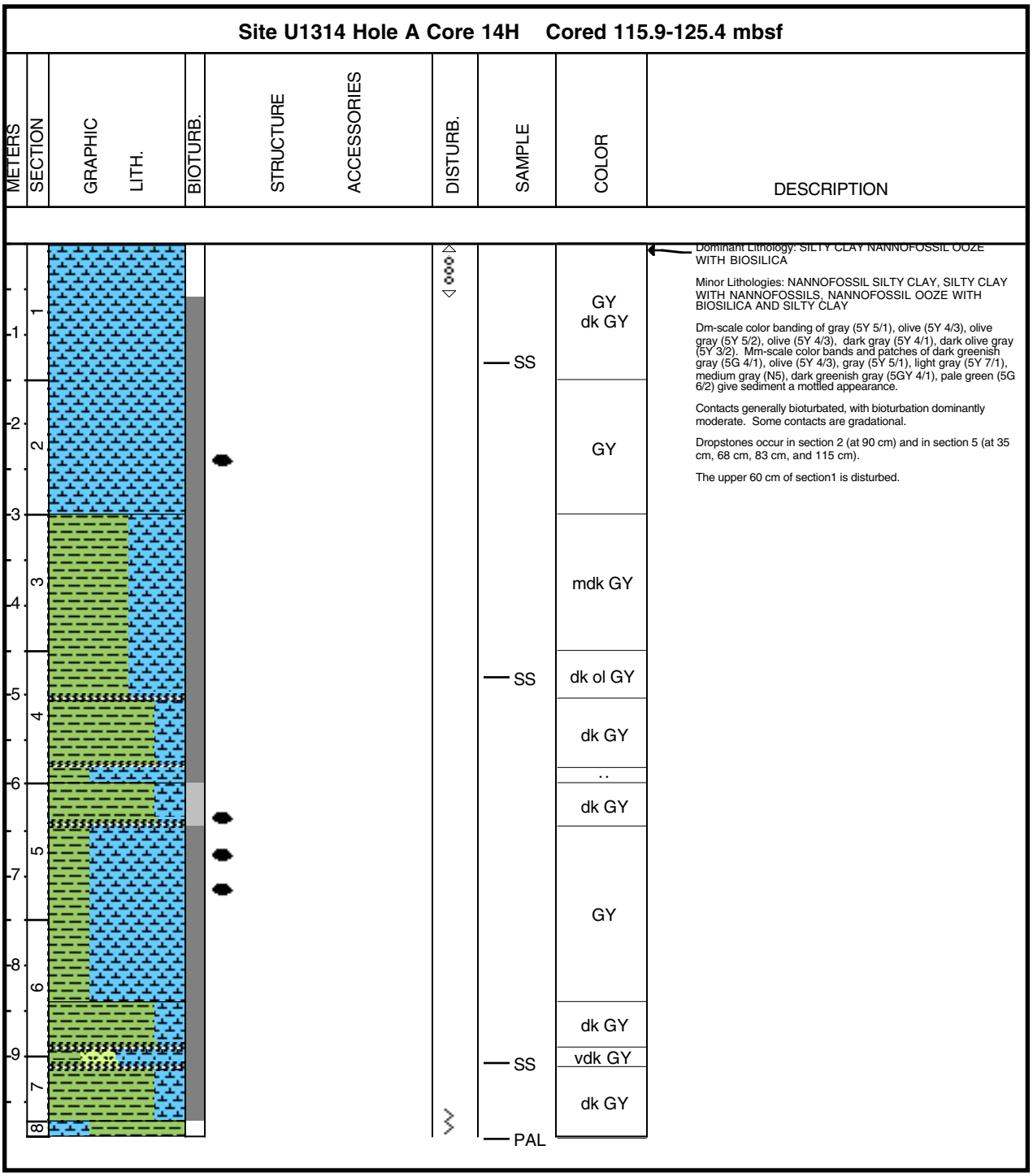
Core Photo


Site U1314 Hole A Core 12H Cored 96.9-106.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: SILTY CLAY BIOSILICEOUS NANNOFOSSIL OOZE
Minor Lithologies: SILTY CLAY, SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA, NANNOFOSSIL SILTY CLAY
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1), olive gray (5Y 4/2), greenish gray (5G 6/1), very dark gray (5Y 3/1).
Bioturbation not detectable.
Flow-in disturbance in sections 1-7.
ol GY
GY
gn GY
dk GY
dk GY
dk ol GY
dk ol GY
gn GY

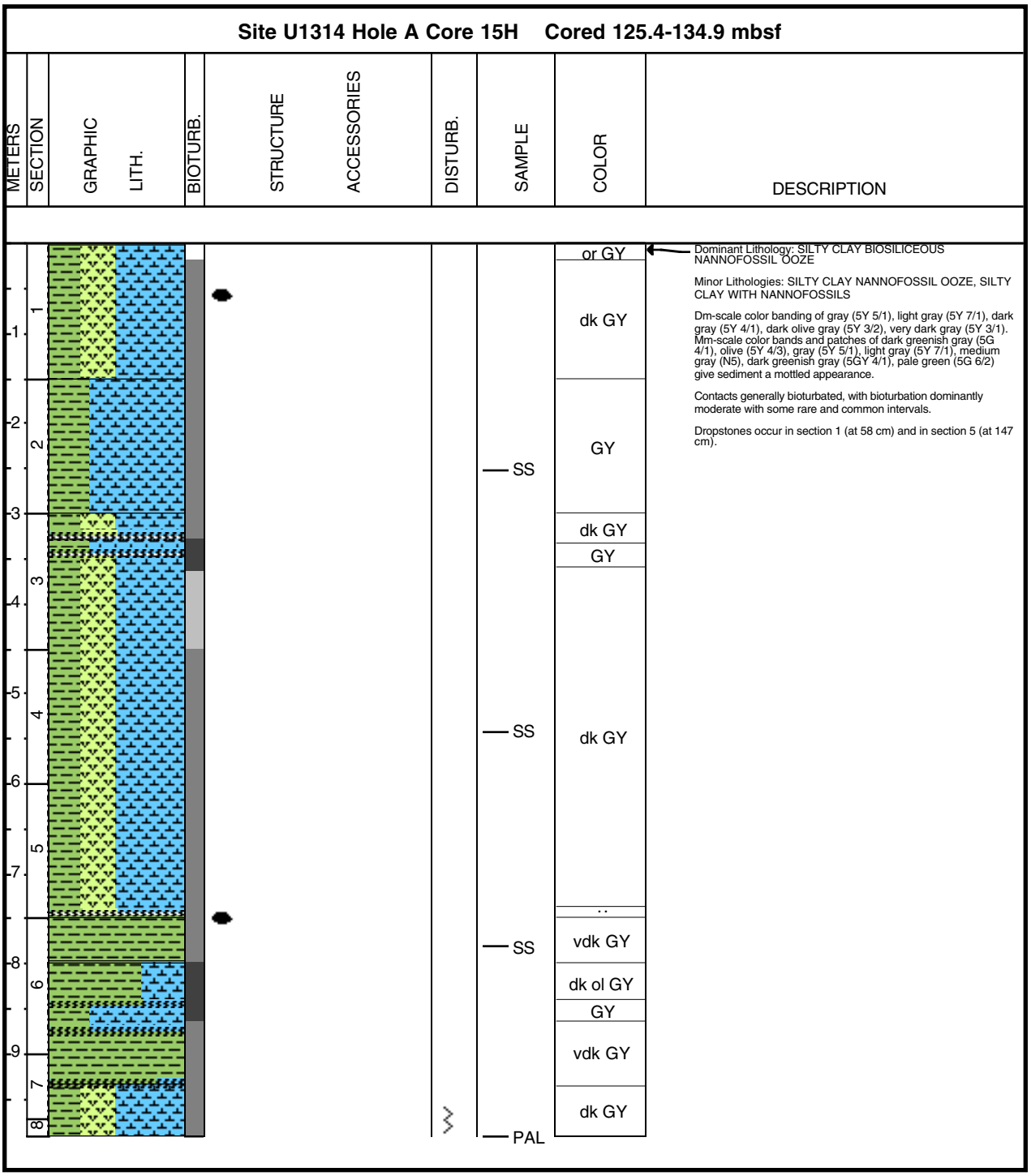
Core Photo


Site U1314 Hole A Core 13H Cored 106.4-115.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE; SILTY CLAY BIOSILICEOUS NANNOFOSSIL OOZE
Minor Lithologies: SILTY CLAY WITH NANNOFOSSILS, SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA
Dm-scale color banding of greenish gray (5GY 5/1), gray (5Y 5/1), gray (5Y 6/1), olive gray (5Y 5/2), dark gray (5Y 4/1), olive gray (5Y 4/2). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate.
GY
dk GY
dk gn GY
dk GY
GY
dk GY
ol GY
GY
ol GY
SS
SS
PAL
1
2
3
4
5
6
7
8
10

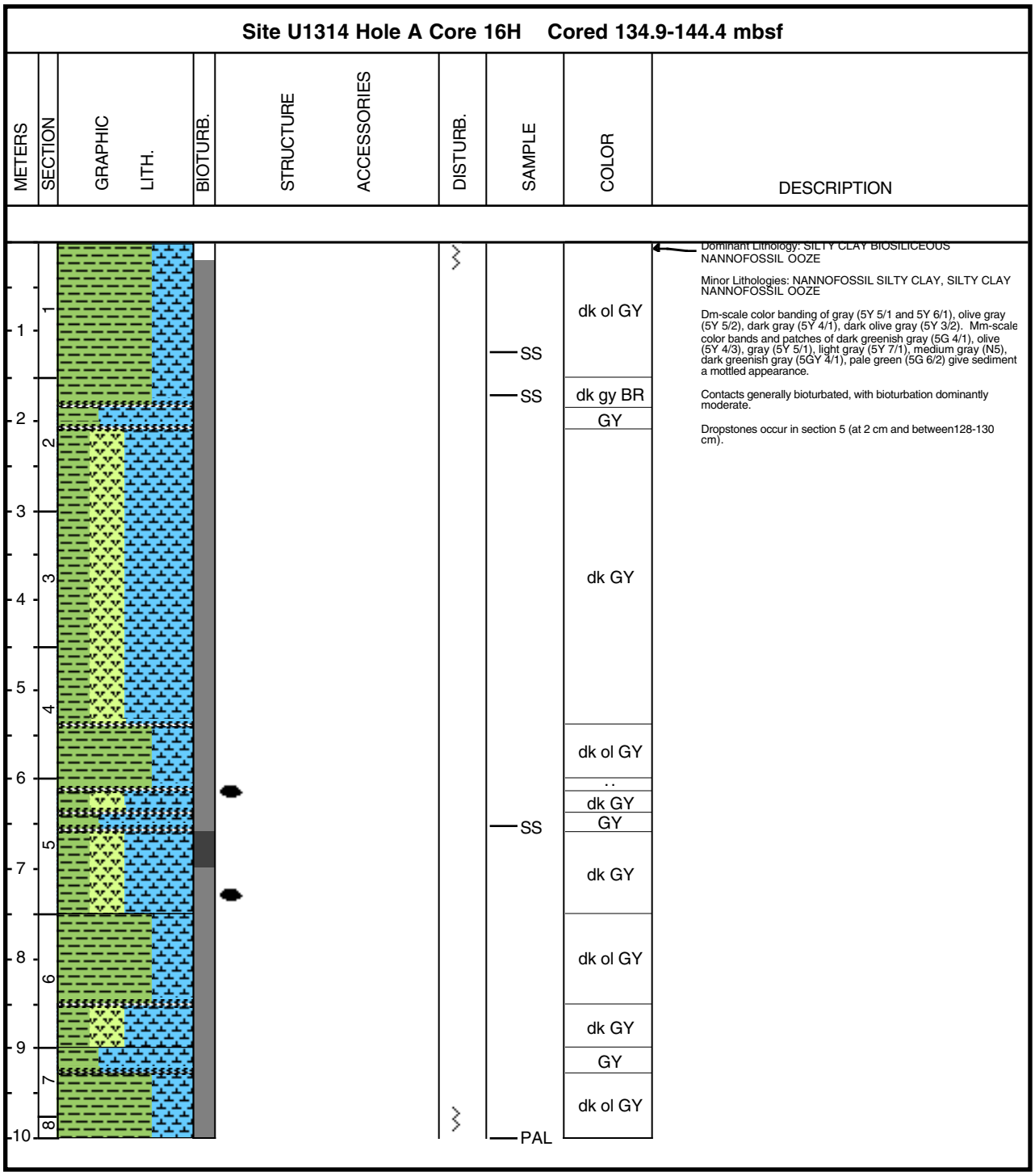
Core Photo


Site U1314 Hole A Core 14H Cored 115.9-125.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
SS
PAL
GY dk GY
GY
mdk GY
dk ol GY
dk GY
dk GY
GY
dk GY
vdk GY
dk GY
Dominant Lithology: SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA
Minor Lithologies: NANNOFOSSIL SILTY CLAY, SILTY CLAY WITH NANNOFOSSILS, NANNOFOSSIL OOZE WITH BIOSILICA AND SILTY CLAY
Dm-scale color banding of gray (5Y 5/1), olive (5Y 4/3), olive gray (5Y 5/2), olive (5Y 4/3), dark gray (5Y 4/1), dark olive gray (5Y 3/2). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate. Some contacts are gradational.
Dropstones occur in section 2 (at 90 cm) and in section 5 (at 35 cm, 68 cm, 83 cm, and 115 cm).
The upper 60 cm of section1 is disturbed.

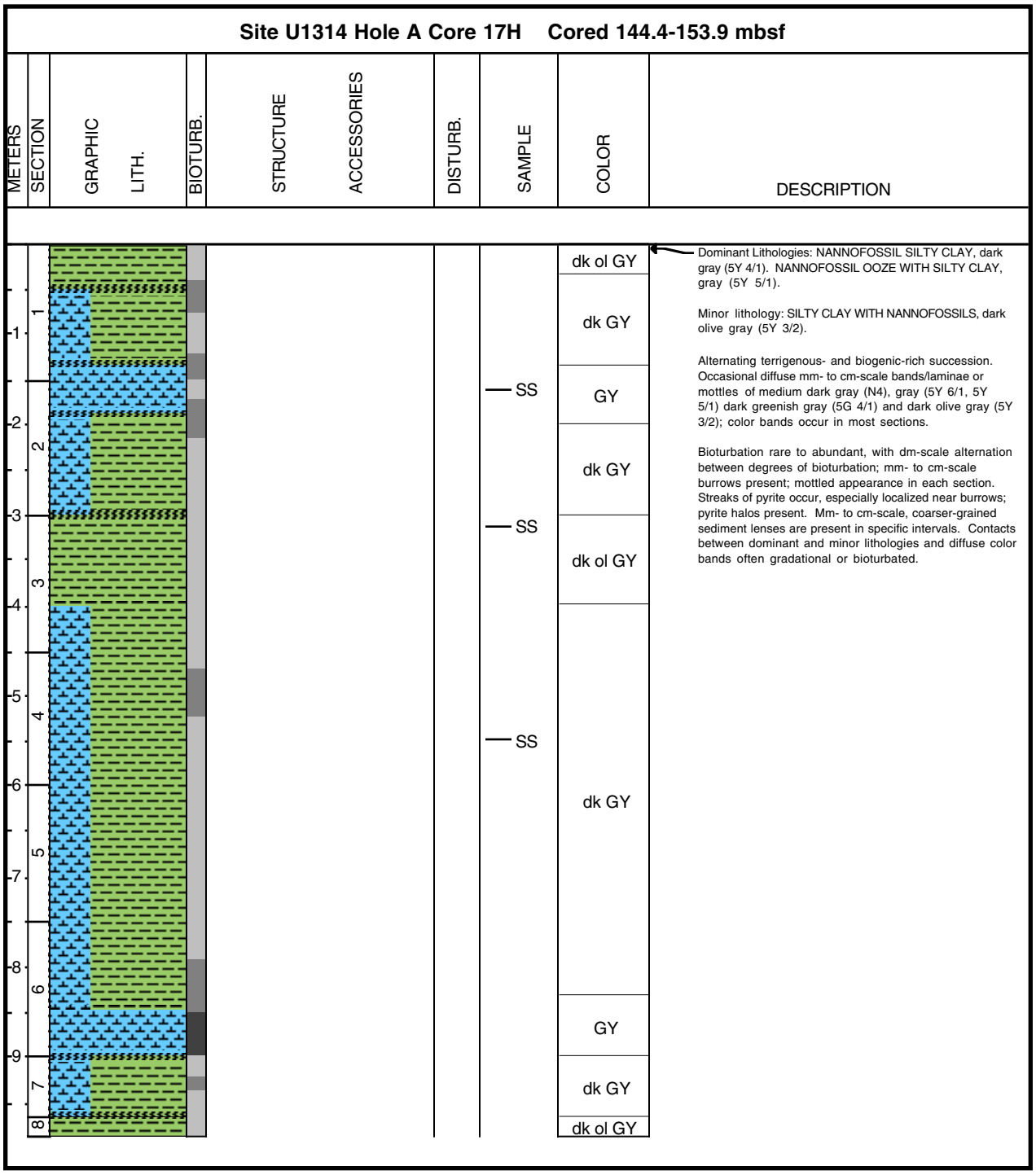
Core Photo


Site U1314 Hole A Core 15H Cored 125.4-134.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
or GY
dk GY
GY
dk GY
GY
dk GY
vdk GY
dk ol GY
GY
vdk GY
dk GY
SS
SS
SS
PAL
Dominant Lithology: SILTY CLAY BIOSILICEOUS NANNOFOSSIL OOZE
Minor Lithologies: SILTY CLAY NANNOFOSSIL OOZE, SILTY CLAY WITH NANNOFOSSILS
Dm-scale color banding of gray (5Y 5/1), light gray (5Y 7/1), dark gray (5Y 4/1), dark olive gray (5Y 3/2), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate with some rare and common intervals.
Dropstones occur in section 1 (at 58 cm) and in section 5 (at 147 cm).

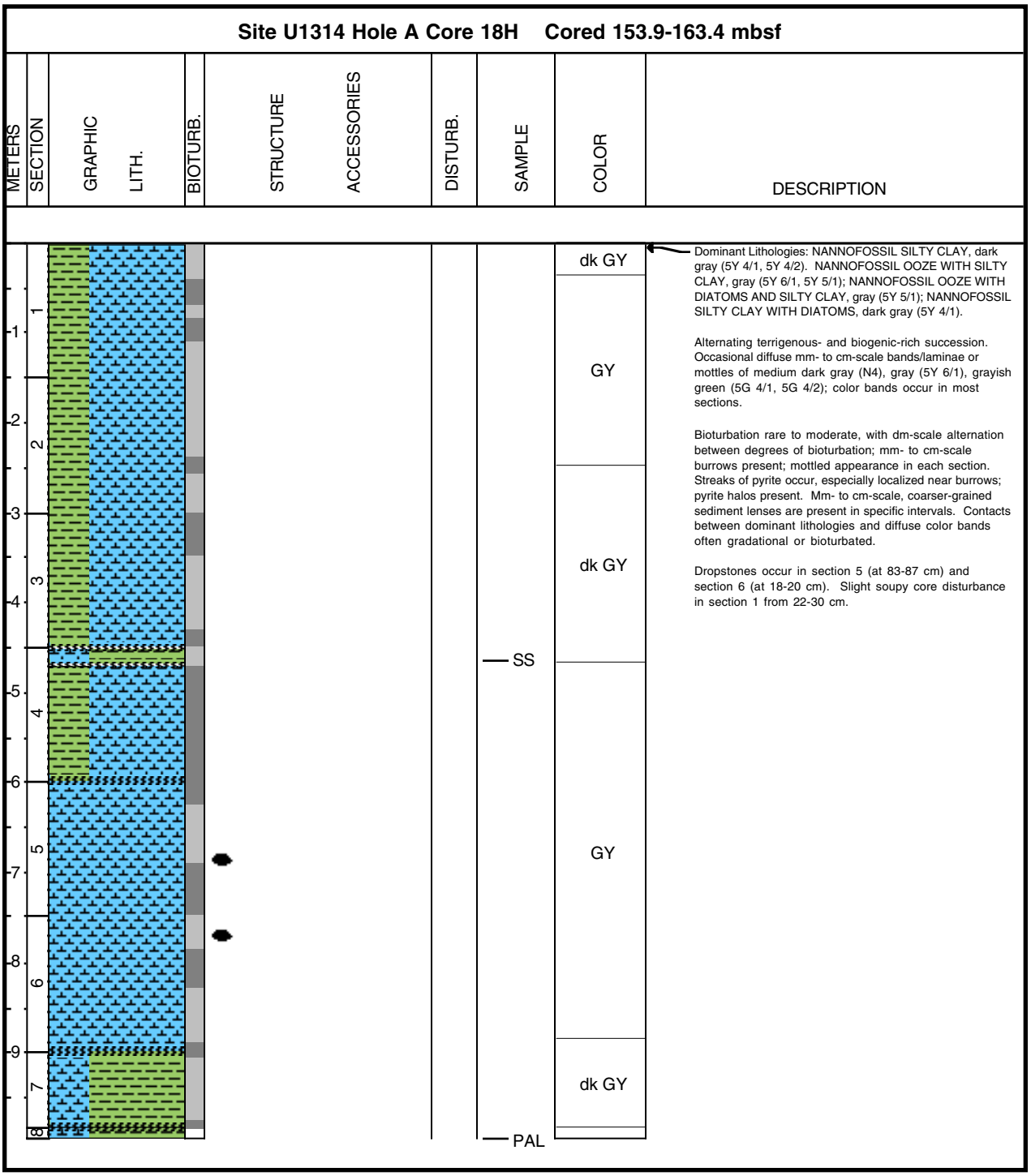
Core Photo


Site U1314 Hole A Core 16H Cored 134.9-144.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: SILTY CLAY BIOSILICEOUS NANNOFOSSIL OOZE
Minor Lithologies: NANNOFOSSIL SILTY CLAY, SILTY CLAY NANNOFOSSIL OOZE
Dm-scale color banding of gray (5Y 5/1 and 5Y 6/1), olive gray (5Y 5/2), dark gray (5Y 4/1), dark olive gray (5Y 3/2). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate.
Dropstones occur in section 5 (at 2 cm and between128-130 cm).
SS
SS
SS
PAL
dk ol GY
dk gy BR
GY
dk GY
dk ol GY
dk GY
GY
dk GY
dk ol GY
dk GY
GY
dk ol GY

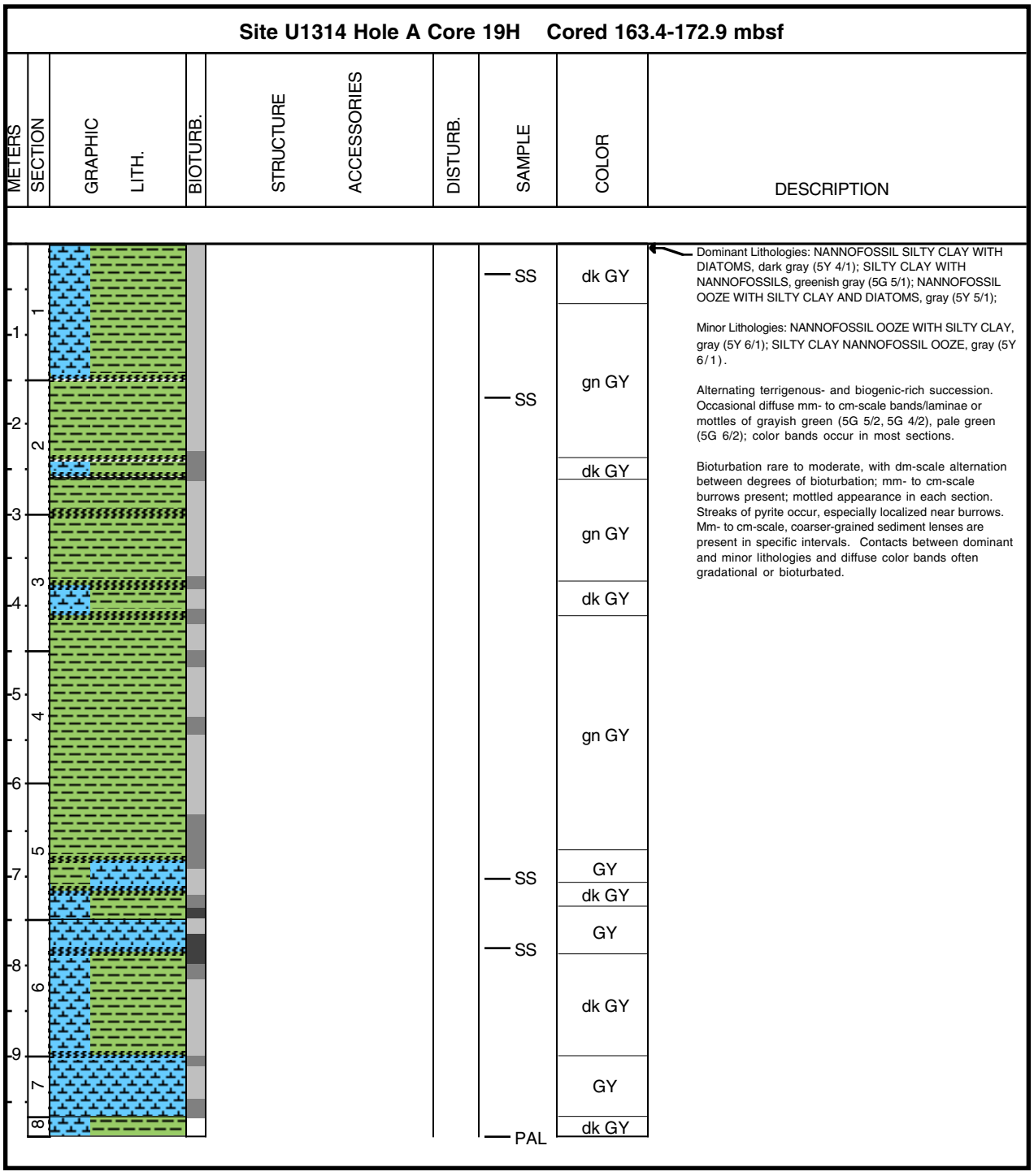
Core Photo


Site U1314 Hole A Core 17H Cored 144.4-153.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
dk ol GY
dk GY
GY
dk GY
dk ol GY
dk GY
GY
dk GY
dk ol GY
SS
SS
SS
Dominant Lithologies: NANNOFOSSIL SILTY CLAY, dark gray (5Y 4/1). NANNOFOSSIL OOZE WITH SILTY CLAY, gray (5Y 5/1).
Minor lithology: SILTY CLAY WITH NANNOFOSSILS, dark olive gray (5Y 3/2).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of medium dark gray (N4), gray (5Y 6/1, 5Y 5/1) dark greenish gray (5G 4/1) and dark olive gray (5Y 3/2); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows; pyrite halos present. Mm- to cm-scale, coarser-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.

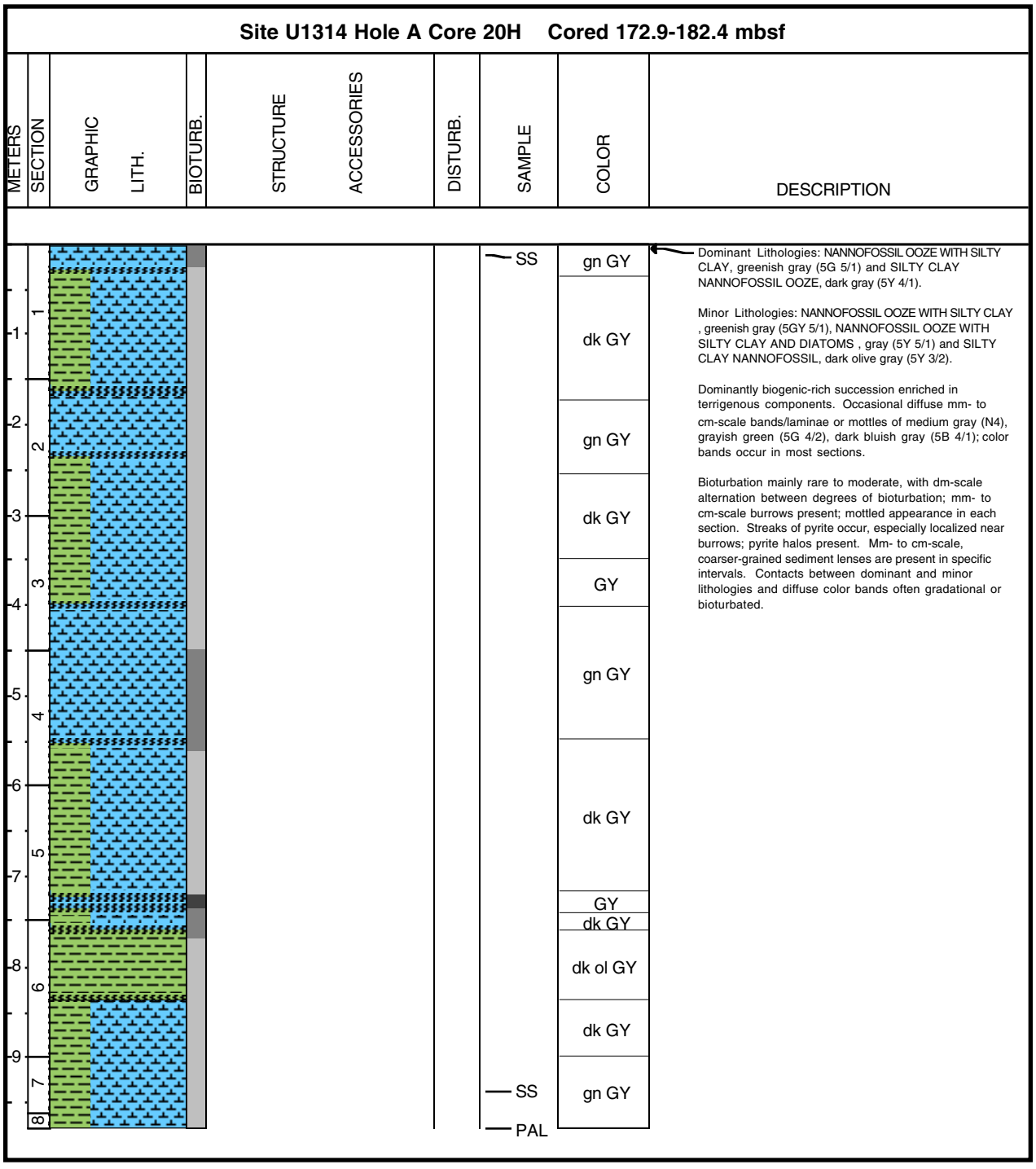
Core Photo


Site U1314 Hole A Core 18H Cored 153.9-163.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
dk GY
GY
dk GY
GY
dk GY
SS
PAL
Dominant Lithologies: NANNOFOSSIL SILTY CLAY, dark gray (5Y 4/1, 5Y 4/2). NANNOFOSSIL OOZE WITH SILTY CLAY, gray (5Y 6/1, 5Y 5/1); NANNOFOSSIL OOZE WITH DIATOMS AND SILTY CLAY, gray (5Y 5/1); NANNOFOSSIL SILTY CLAY WITH DIATOMS, dark gray (5Y 4/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of medium dark gray (N4), gray (5Y 6/1), grayish green (5G 4/1, 5G 4/2); color bands occur in most sections.
Bioturbation rare to moderate, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows; pyrite halos present. Mm- to cm-scale, coarser-grained sediment lenses are present in specific intervals. Contacts between dominant lithologies and diffuse color bands often gradational or bioturbated.
Dropstones occur in section 5 (at 83-87 cm) and section 6 (at 18-20 cm). Slight soupy core disturbance in section 1 from 22-30 cm.

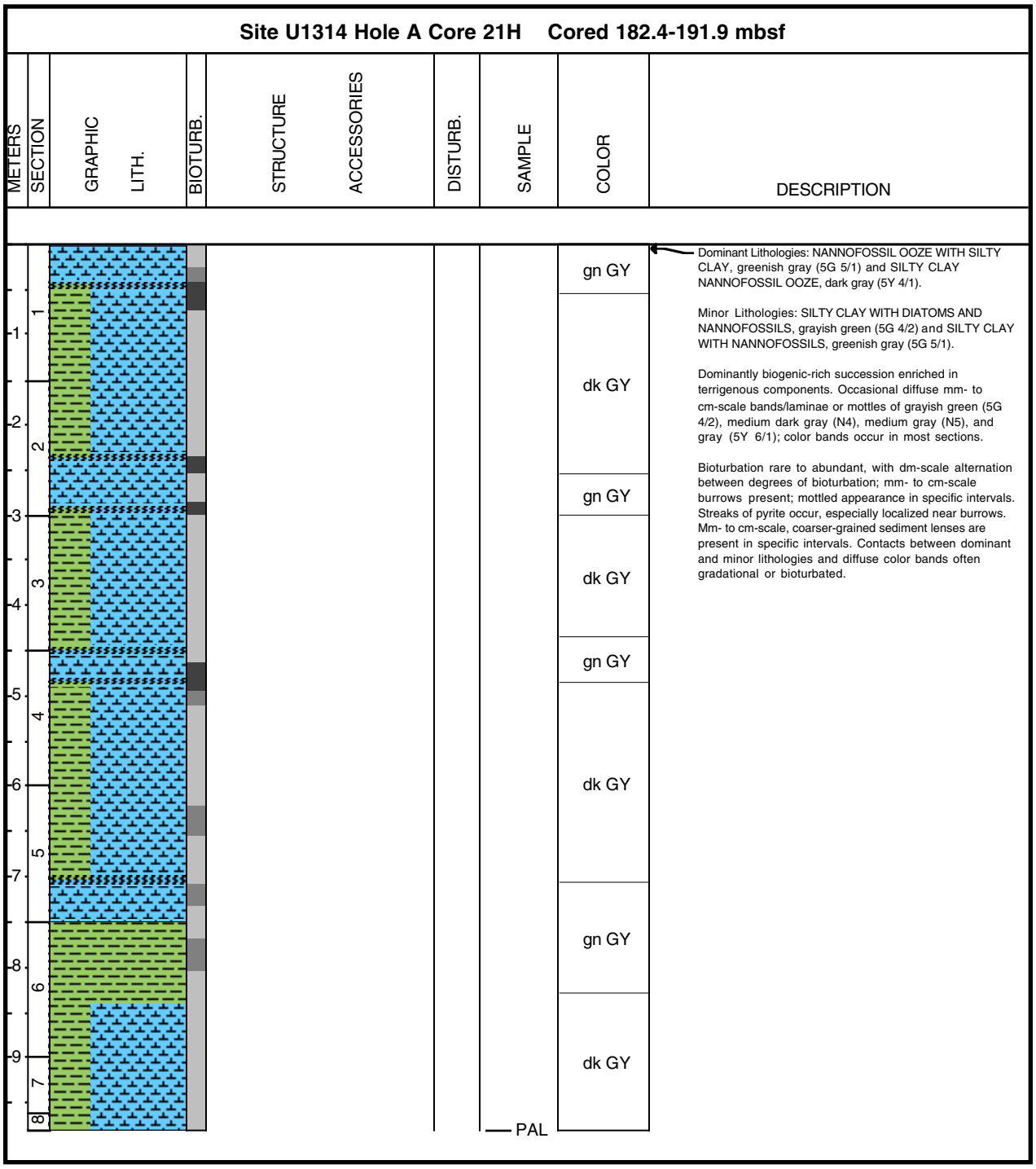
Core Photo


Site U1314 Hole A Core 19H Cored 163.4-172.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
SS
SS
PAL
dk GY
gn GY
dk GY
gn GY
dk GY
gn GY
GY
dk GY
GY
dk GY
GY
dk GY
Dominant Lithologies: NANNOFOSSIL SILTY CLAY WITH DIATOMS, dark gray (5Y 4/1); SILTY CLAY WITH NANNOFOSSILS, greenish gray (5G 5/1); NANNOFOSSIL OOZE WITH SILTY CLAY AND DIATOMS, gray (5Y 5/1);
Minor Lithologies: NANNOFOSSIL OOZE WITH SILTY CLAY, gray (5Y 6/1); SILTY CLAY NANNOFOSSIL OOZE, gray (5Y 6/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of grayish green (5G 5/2, 5G 4/2), pale green (5G 6/2); color bands occur in most sections.
Bioturbation rare to moderate, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows. Mm- to cm-scale, coarser-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.

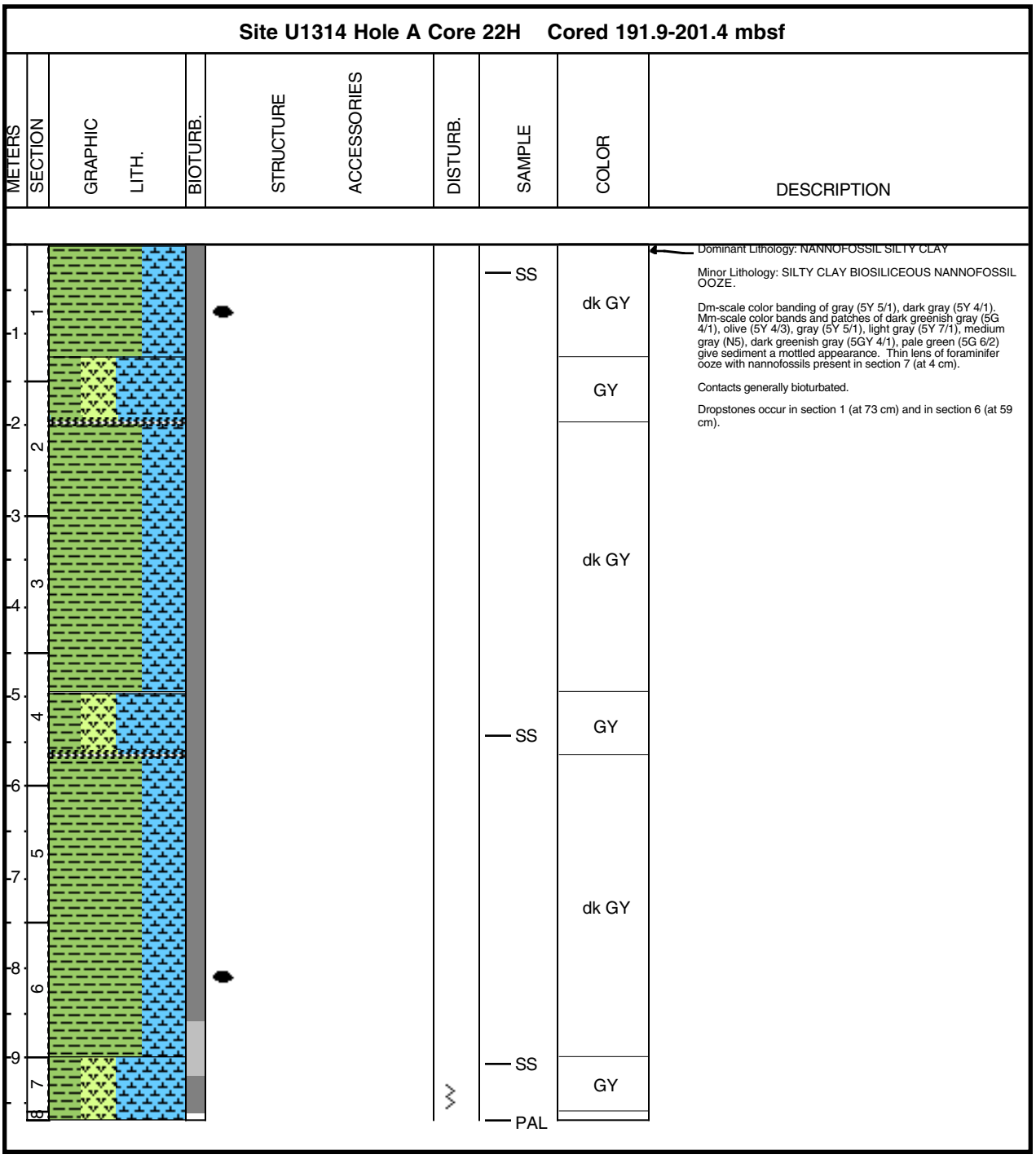
Core Photo


Site U1314 Hole A Core 20H Cored 172.9-182.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
gn GY
dk GY
gn GY
dk GY
GY
gn GY
dk GY
GY
dk GY
dk ol GY
dk GY
SS
gn GY
PAL
Dominant Lithologies: NANNOFOSSIL OOZE WITH SILTY CLAY, greenish gray (5G 5/1) and SILTY CLAY NANNOFOSSIL OOZE, dark gray (5Y 4/1).
Minor Lithologies: NANNOFOSSIL OOZE WITH SILTY CLAY , greenish gray (5GY 5/1), NANNOFOSSIL OOZE WITH SILTY CLAY AND DIATOMS , gray (5Y 5/1) and SILTY CLAY NANNOFOSSIL, dark olive gray (5Y 3/2).
Dominantly biogenic-rich succession enriched in terrigenous components. Occasional diffuse mm- to cm-scale bands/laminae or mottles of medium gray (N4), grayish green (5G 4/2), dark bluish gray (5B 4/1); color bands occur in most sections.
Bioturbation mainly rare to moderate, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows; pyrite halos present. Mm- to cm-scale, coarser-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.

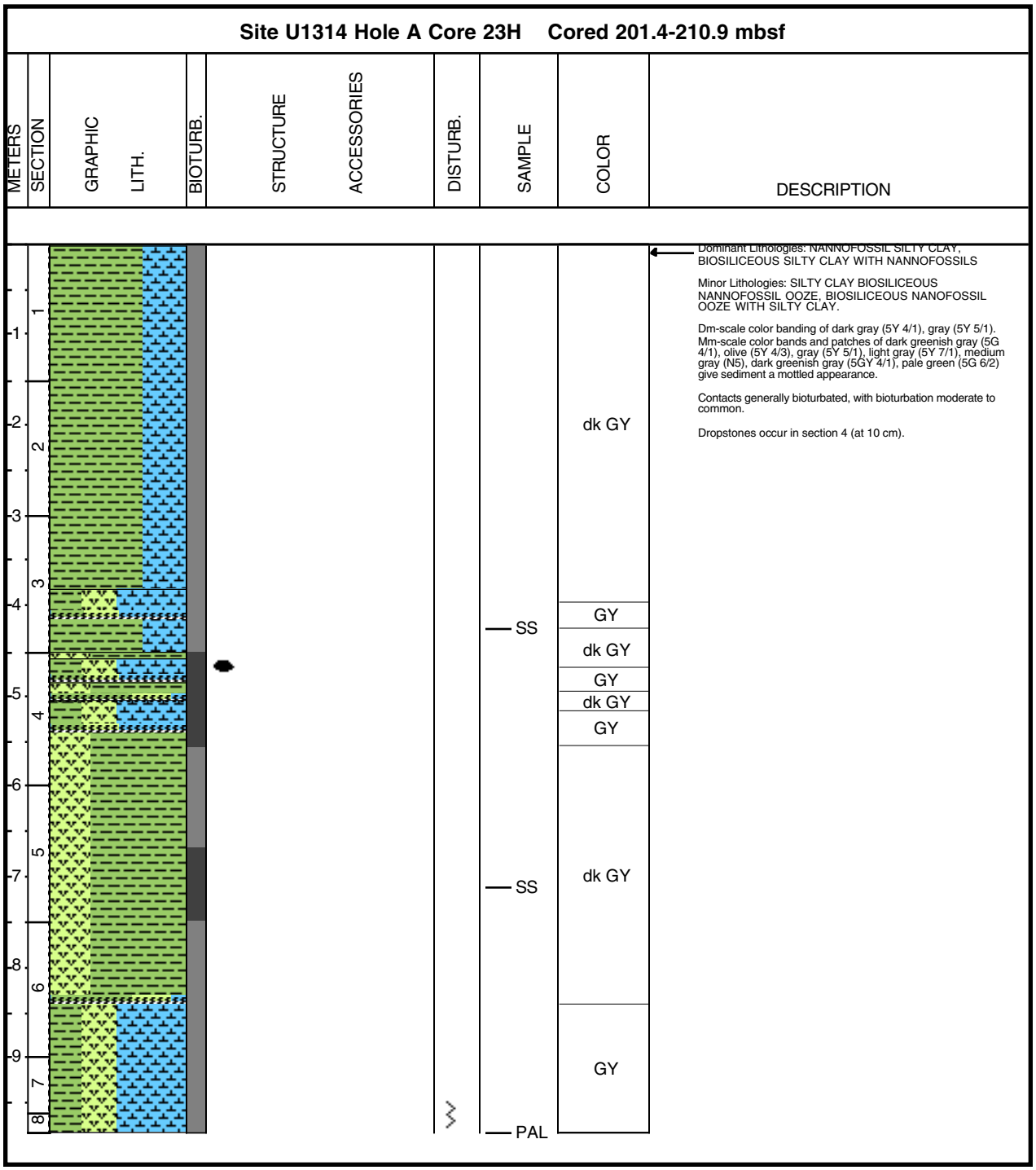
Core Photo


Site U1314 Hole A Core 21H Cored 182.4-191.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
gn GY
dk GY
gn GY
dk GY
gn GY
dk GY
gn GY
dk GY
PAL
Dominant Lithologies: NANNOFOSSIL OOZE WITH SILTY CLAY, greenish gray (5G 5/1) and SILTY CLAY NANNOFOSSIL OOZE, dark gray (5Y 4/1).
Minor Lithologies: SILTY CLAY WITH DIATOMS AND NANNOFOSSILS, grayish green (5G 4/2) and SILTY CLAY WITH NANNOFOSSILS, greenish gray (5G 5/1).
Dominantly biogenic-rich succession enriched in terrigenous components. Occasional diffuse mm- to cm-scale bands/laminae or mottles of grayish green (5G 4/2), medium dark gray (N4), medium gray (N5), and gray (5Y 6/1); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in specific intervals. Streaks of pyrite occur, especially localized near burrows. Mm- to cm-scale, coarser-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.

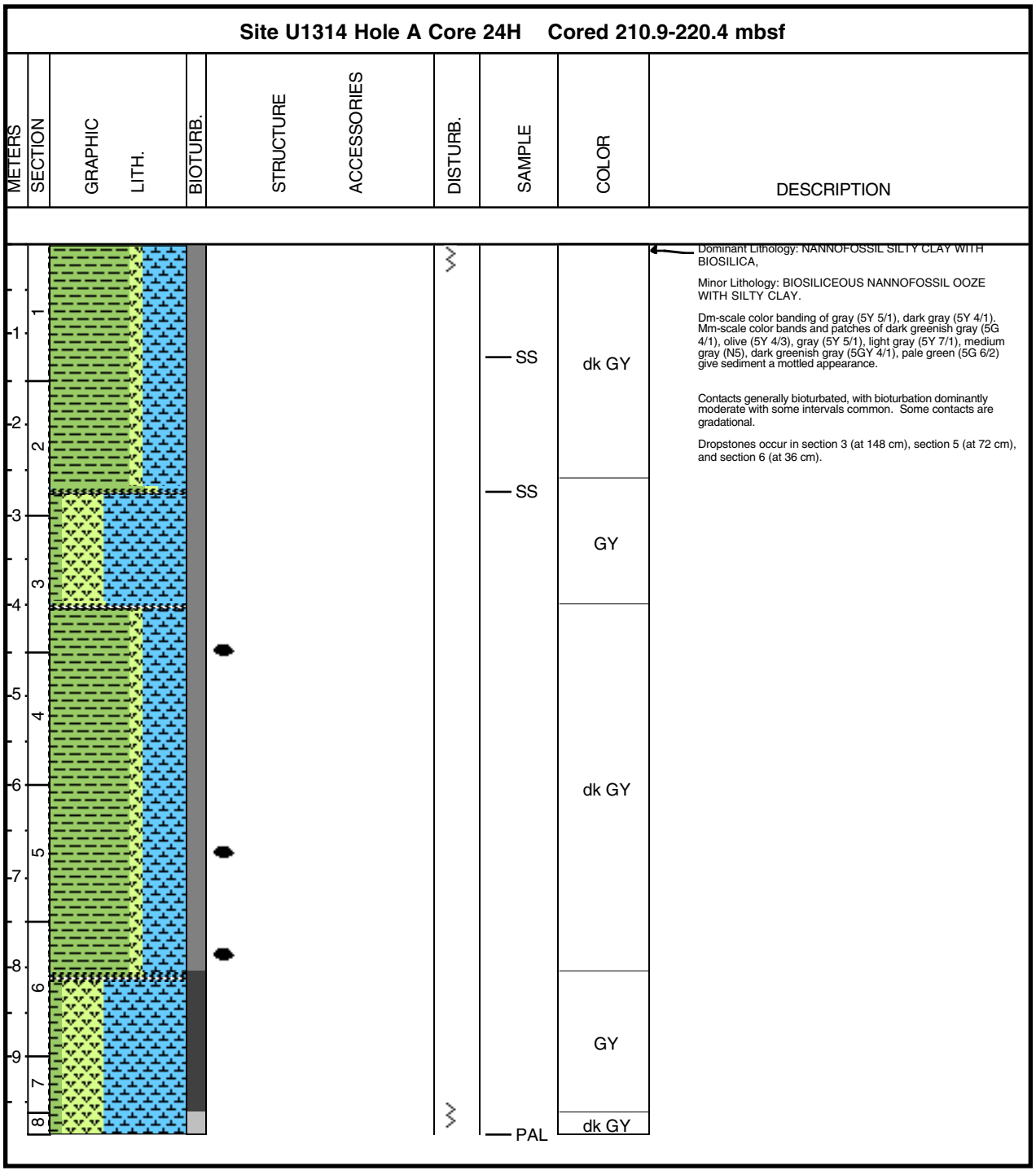
Core Photo


Site U1314 Hole A Core 22H Cored 191.9-201.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
SS
PAL
dk GY
GY
dk GY
GY
dk GY
GY
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithology: SILTY CLAY BIOSILICEOUS NANNOFOSSIL OOZE.
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1), Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance. Thin lens of foraminifer ooze with nannofossils present in section 7 (at 4 cm).
Contacts generally bioturbated.
Dropstones occur in section 1 (at 73 cm) and in section 6 (at 59 cm).

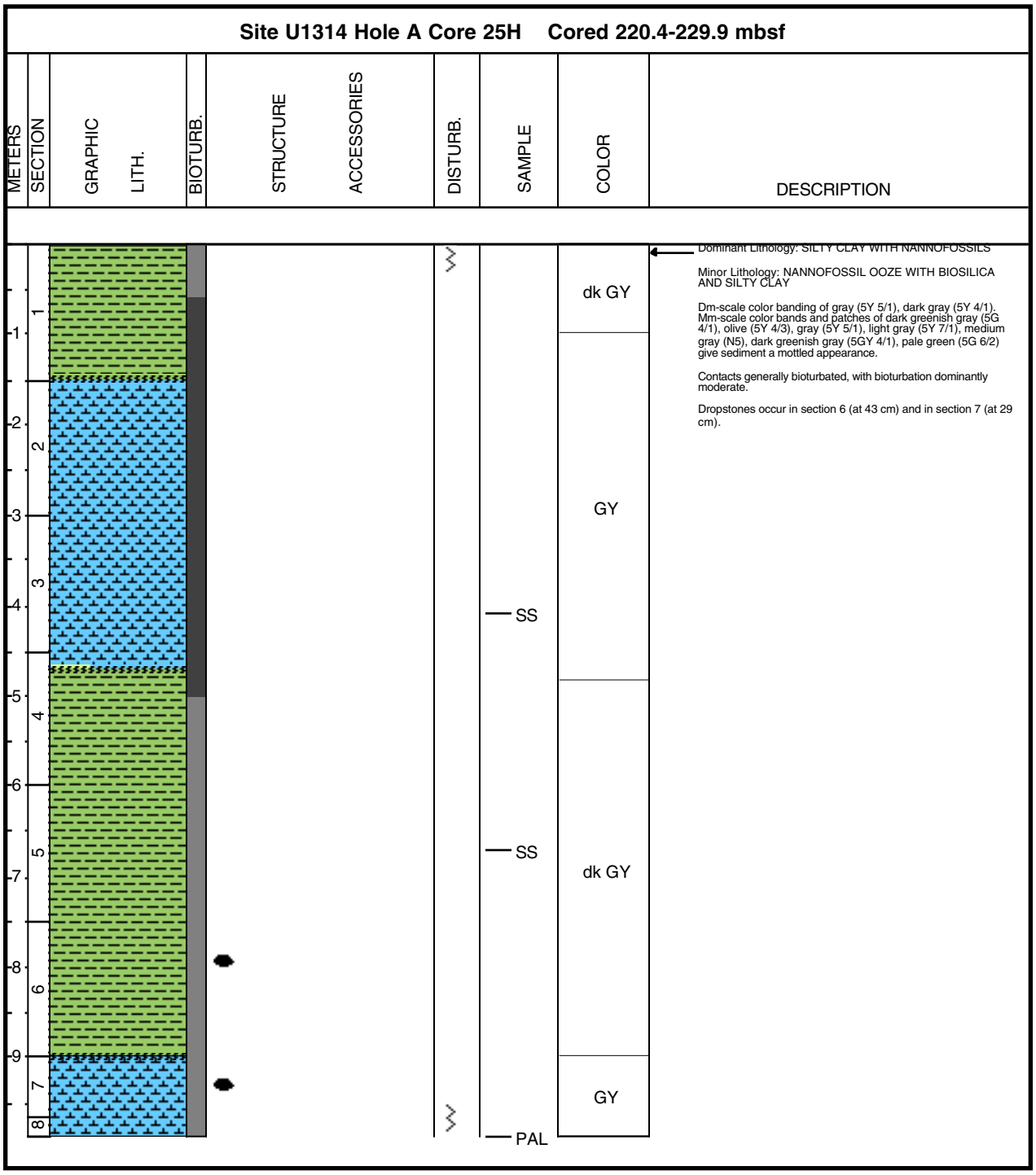
Core Photo


Site U1314 Hole A Core 23H Cored 201.4-210.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithologies: NANNOFOSSIL SILTY CLAY; BIOSILICEOUS SILTY CLAY WITH NANNOFOSSILS
Minor Lithologies: SILTY CLAY BIOSILICEOUS NANNOFOSSIL OOZE, BIOSILICEOUS NANOFOSSIL OOZE WITH SILTY CLAY.
Dm-scale color banding of dark gray (5Y 4/1), gray (5Y 5/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common.
Dropstones occur in section 4 (at 10 cm).
dk GY
GY
dk GY
GY
dk GY
GY
dk GY
GY
SS
SS
PAL

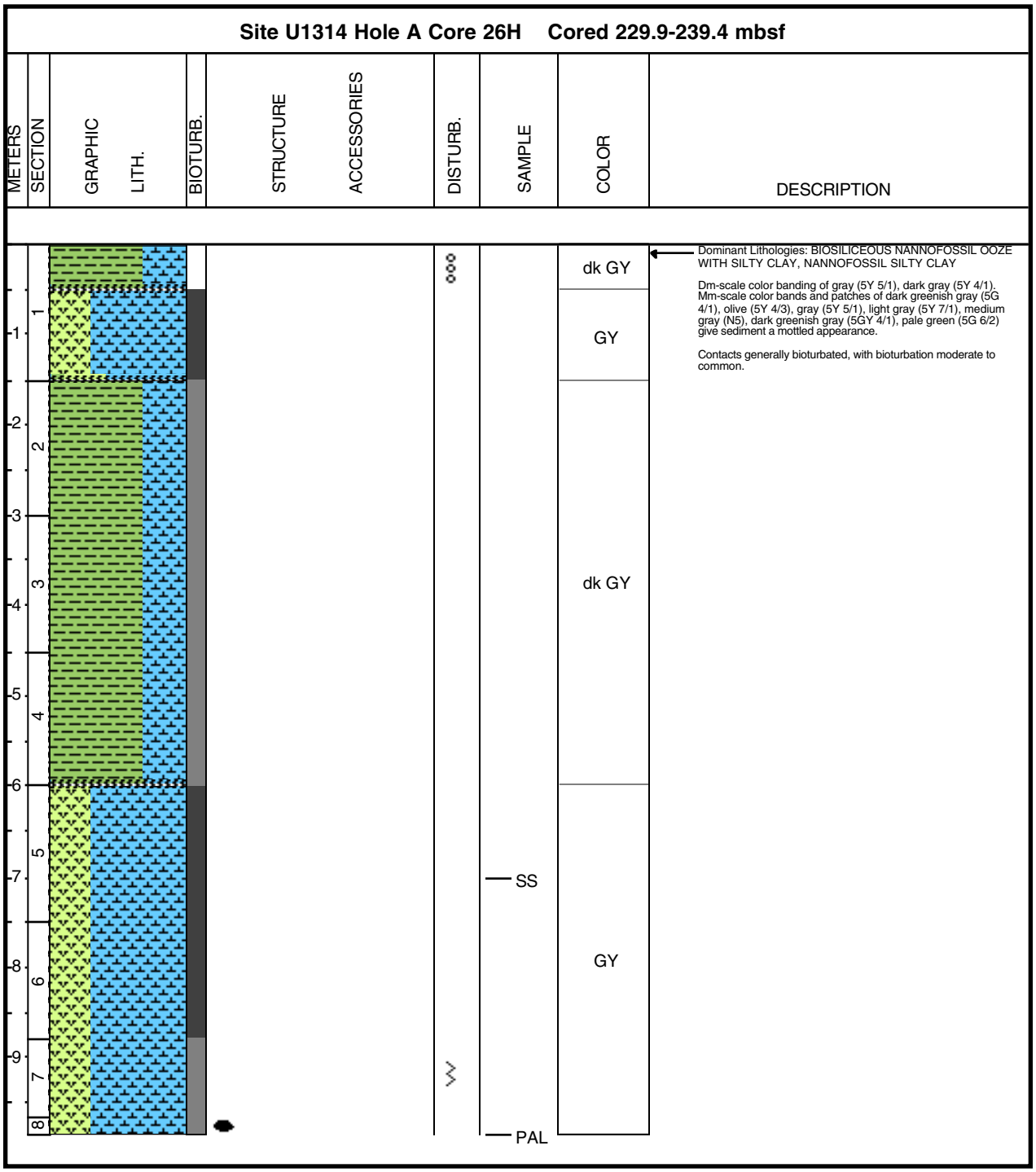
Core Photo


Site U1314 Hole A Core 24H Cored 210.9-220.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
PAL
dk GY
GY
dk GY
GY
dk GY
Dominant Lithology: NANNOFOSSIL SILTY CLAY WITH BIOSILICA,
Minor Lithology: BIOSILICEOUS NANNOFOSSIL OOZE WITH SILTY CLAY.
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate with some intervals common. Some contacts are gradational.
Dropstones occur in section 3 (at 148 cm), section 5 (at 72 cm), and section 6 (at 36 cm).

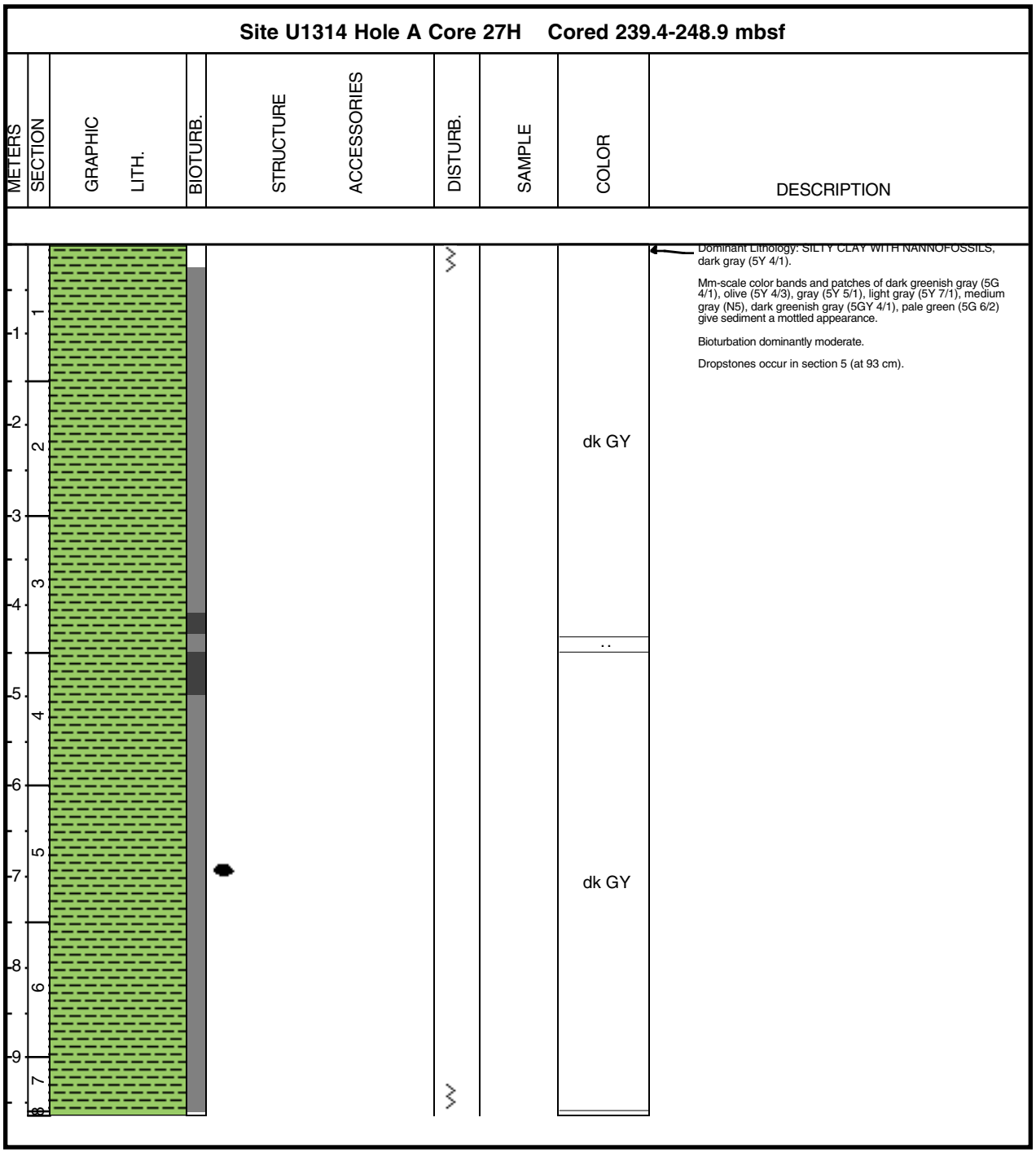
Core Photo


Site U1314 Hole A Core 25H Cored 220.4-229.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: SILTY CLAY WITH NANNOFOSSILS
Minor Lithology: NANNOFOSSIL OOZE WITH BIOSILICA AND SILTY CLAY
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1), Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate.
Dropstones occur in section 6 (at 43 cm) and in section 7 (at 29 cm).
dk GY
GY
dk GY
GY
SS
SS
PAL
1
2
3
4
5
6
7
8

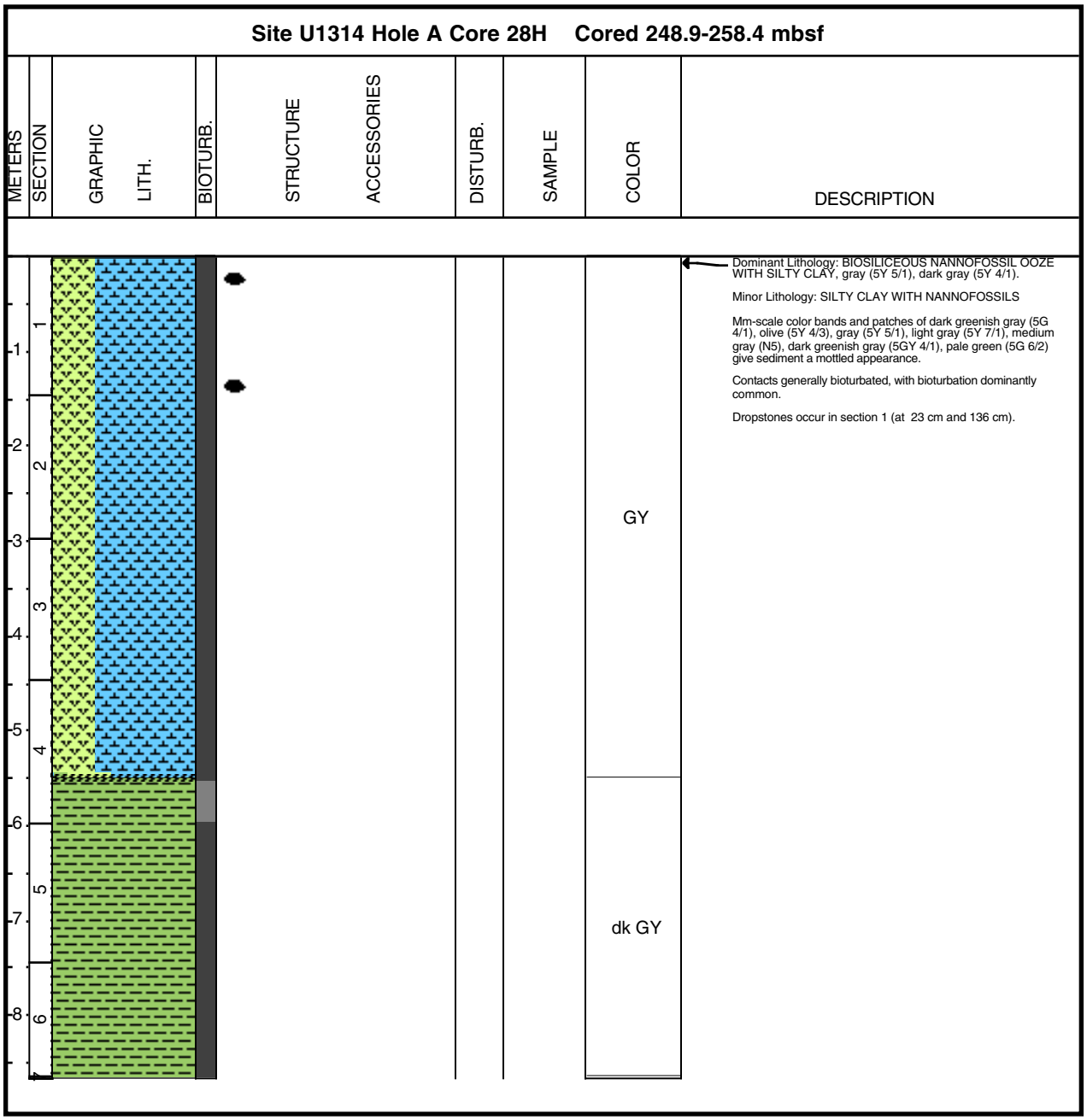
Core Photo


Site U1314 Hole A Core 26H Cored 229.9-239.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithologies: BIOSILICEOUS NANNOFOSSIL OOZE WITH SILTY CLAY, NANNOFOSSIL SILTY CLAY
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common.
dk GY
GY
dk GY
GY
SS
PAL
1
2
3
4
5
6
7
8

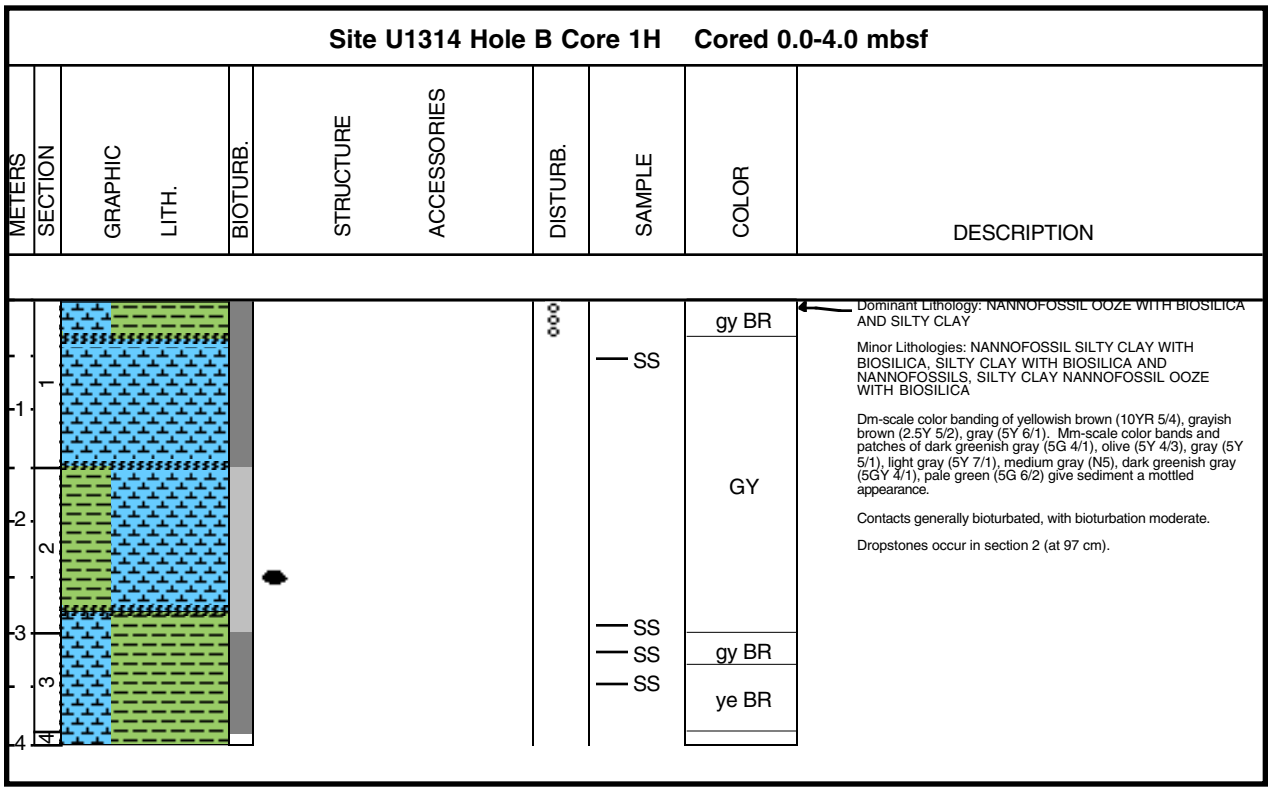
Core Photo


Site U1314 Hole A Core 27H Cored 239.4-248.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: SILTY CLAY WITH NANNOFOSSILS, dark gray (5Y 4/1).
Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Bioturbation dominantly moderate.
Dropstones occur in section 5 (at 93 cm).
dk GY
dk GY

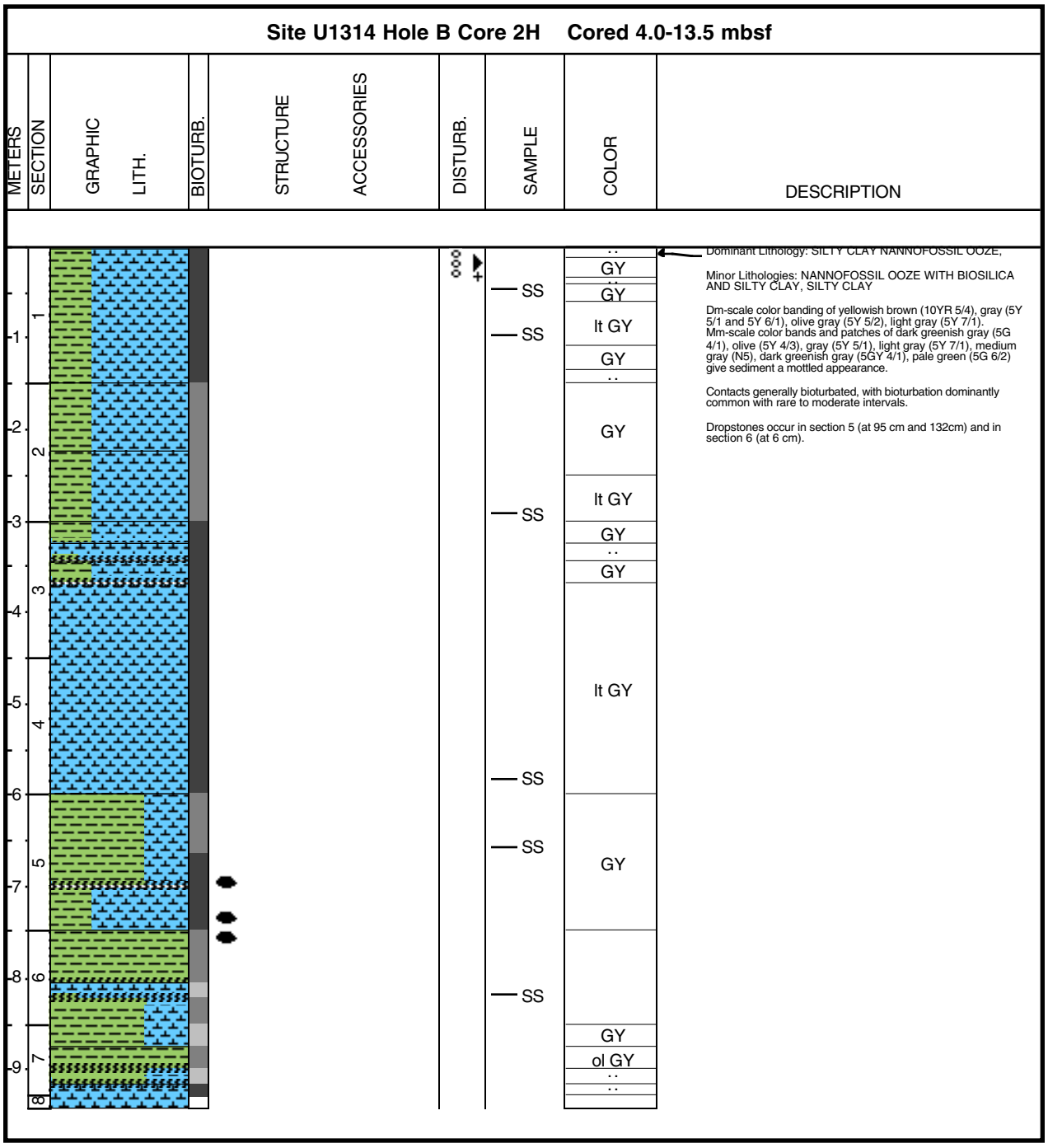
Core Photo


Site U1314 Hole A Core 28H Cored 248.9-258.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: BIOSILICEOUS NANNOFOSSIL OOZE WITH SILTY CLAY, gray (5Y 5/1), dark gray (5Y 4/1).
Minor Lithology: SILTY CLAY WITH NANNOFOSSILS
Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly common.
Dropstones occur in section 1 (at 23 cm and 136 cm).
GY
dk GY

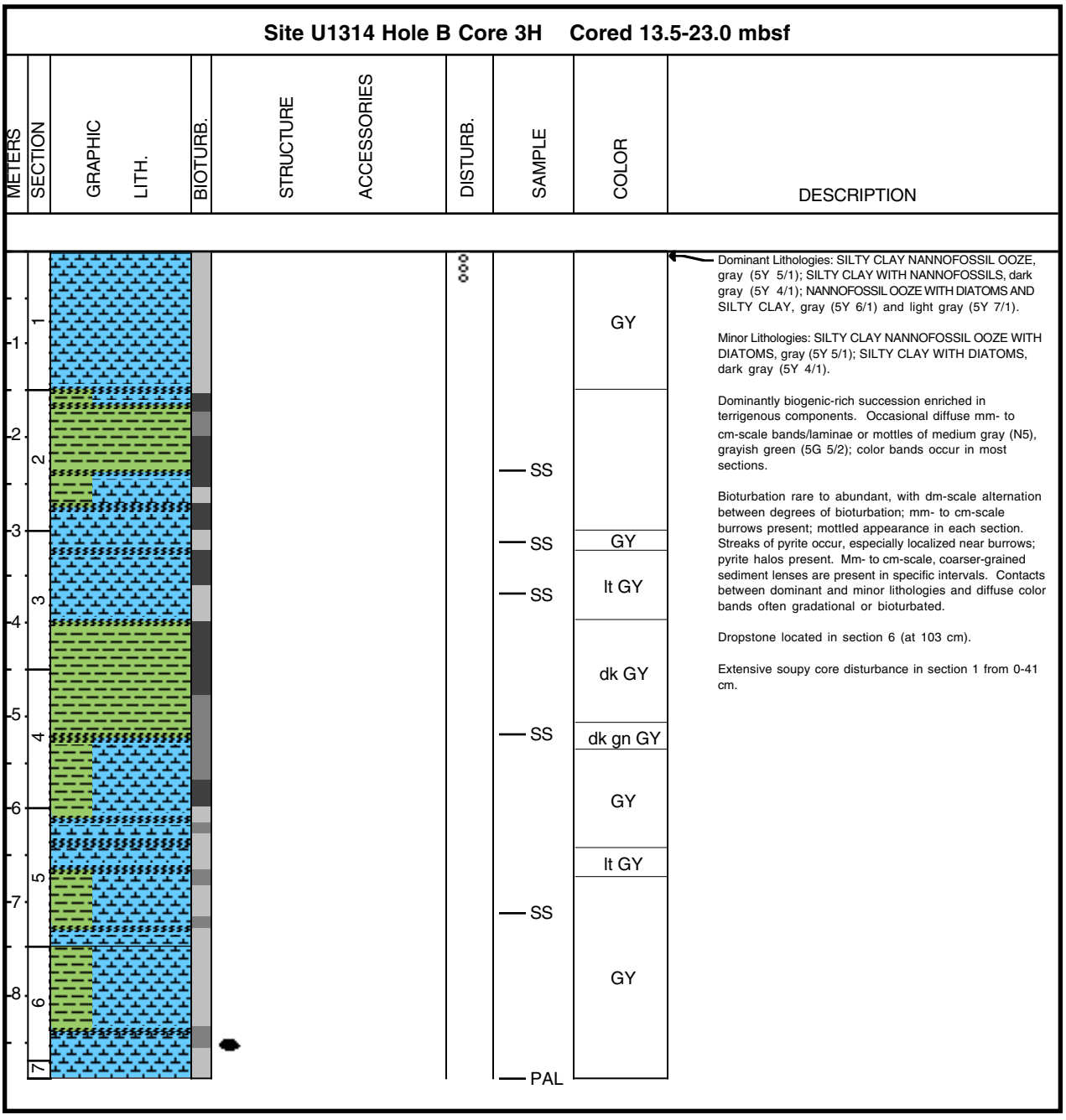
Core Photo


Site U1314 Hole B Core 1H Cored 0.0-4.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
-1
-2
-3
-4
1
2
3
4
SS
SS
SS
SS
gy BR
GY
gy BR
ye BR
Dominant Lithology: NANNOFOSSIL OOZE WITH BIOSILICA AND SILTY CLAY
Minor Lithologies: NANNOFOSSIL SILTY CLAY WITH BIOSILICA, SILTY CLAY WITH BIOSILICA AND NANNOFOSSILS, SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA
Dm-scale color banding of yellowish brown (10YR 5/4), grayish brown (2.5Y 5/2), gray (5Y 6/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate.
Dropstones occur in section 2 (at 97 cm).

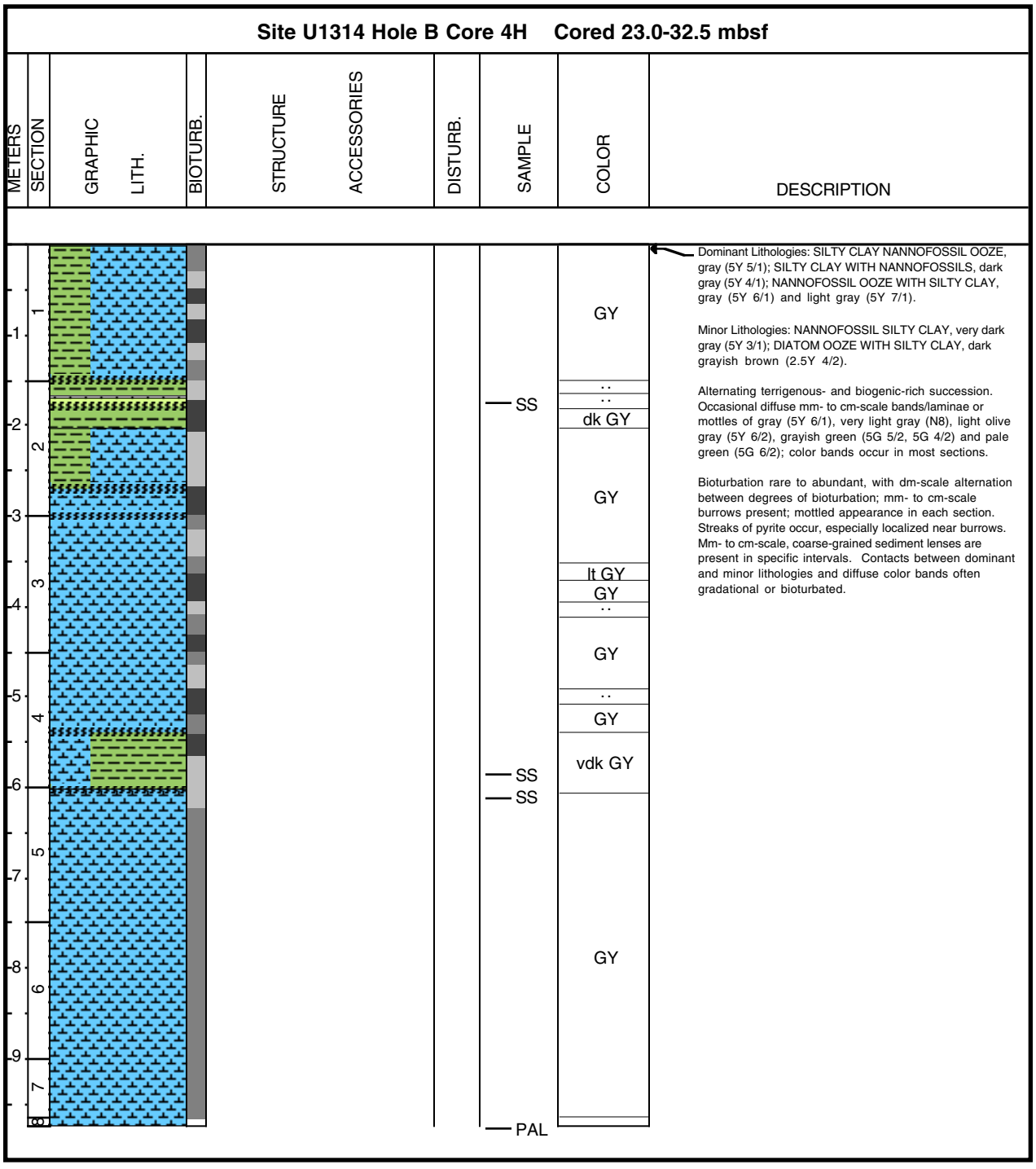
Core Photo


Site U1314 Hole B Core 2H Cored 4.0-13.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
SS
SS
SS
GY
lt GY
GY
GY
lt GY
GY
GY
lt GY
GY
ol GY
Dominant Lithology: SILTY CLAY NANNOFOSSIL OOZE,
Minor Lithologies: NANNOFOSSIL OOZE WITH BIOSILICA AND SILTY CLAY, SILTY CLAY
Dm-scale color banding of yellowish brown (10YR 5/4), gray (5Y 5/1 and 5Y 6/1), olive gray (5Y 5/2), light gray (5Y 7/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly common with rare to moderate intervals.
Dropstones occur in section 5 (at 95 cm and 132cm) and in section 6 (at 6 cm).

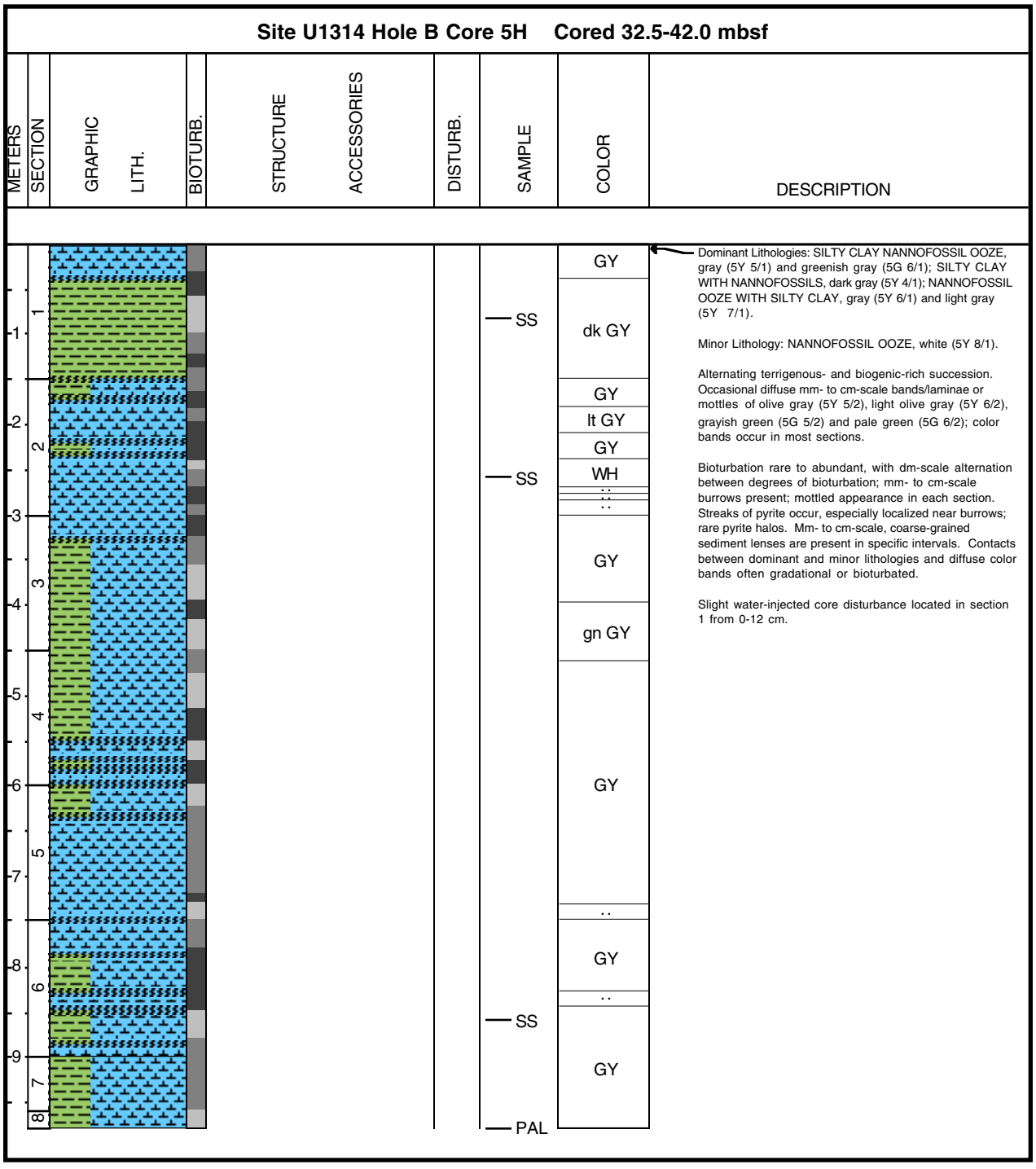
Core Photo


Site U1314 Hole B Core 3H Cored 13.5-23.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
SS
SS
SS
PAL
GY
GY
lt GY
dk GY
dk gn GY
GY
lt GY
GY
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE, gray (5Y 5/1); SILTY CLAY WITH NANNOFOSSILS, dark gray (5Y 4/1); NANNOFOSSIL OOZE WITH DIATOMS AND SILTY CLAY, gray (5Y 6/1) and light gray (5Y 7/1).
Minor Lithologies: SILTY CLAY NANNOFOSSIL OOZE WITH DIATOMS, gray (5Y 5/1); SILTY CLAY WITH DIATOMS, dark gray (5Y 4/1).
Dominantly biogenic-rich succession enriched in terrigenous components. Occasional diffuse mm- to cm-scale bands/laminae or mottles of medium gray (N5), grayish green (5G 5/2); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows; pyrite halos present. Mm- to cm-scale, coarser-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.
Dropstone located in section 6 (at 103 cm).
Extensive soupy core disturbance in section 1 from 0-41 cm.

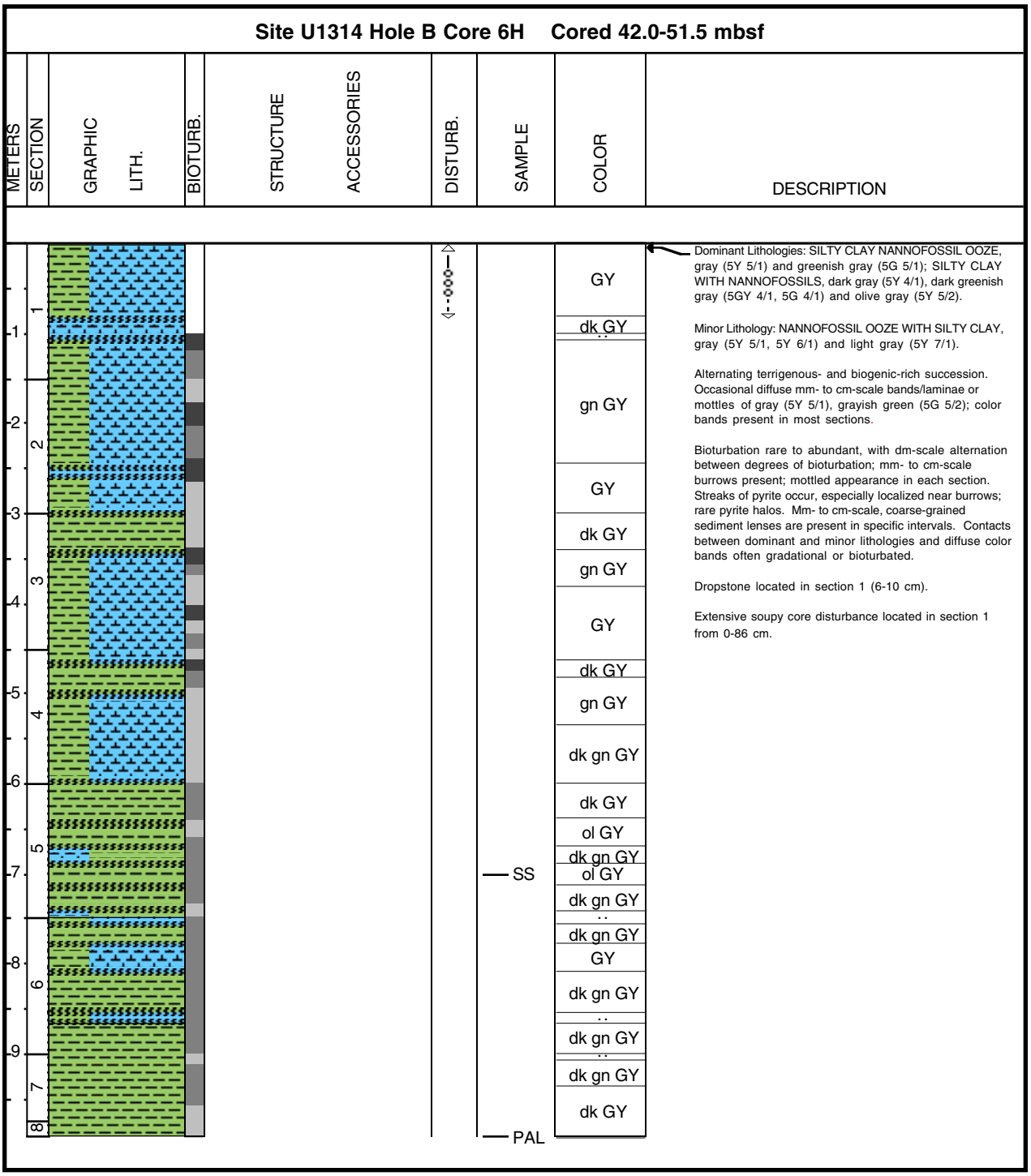
Core Photo


Site U1314 Hole B Core 4H Cored 23.0-32.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
SS
PAL
GY
dk GY
GY
lt GY
GY
GY
GY
vdk GY
GY
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE, gray (5Y 5/1); SILTY CLAY WITH NANNOFOSSILS, dark gray (5Y 4/1); NANNOFOSSIL OOZE WITH SILTY CLAY, gray (5Y 6/1) and light gray (5Y 7/1).
Minor Lithologies: NANNOFOSSIL SILTY CLAY, very dark gray (5Y 3/1); DIATOM OOZE WITH SILTY CLAY, dark grayish brown (2.5Y 4/2).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of gray (5Y 6/1), very light gray (N8), light olive gray (5Y 6/2), grayish green (5G 5/2, 5G 4/2) and pale green (5G 6/2); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows. Mm- to cm-scale, coarse-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.

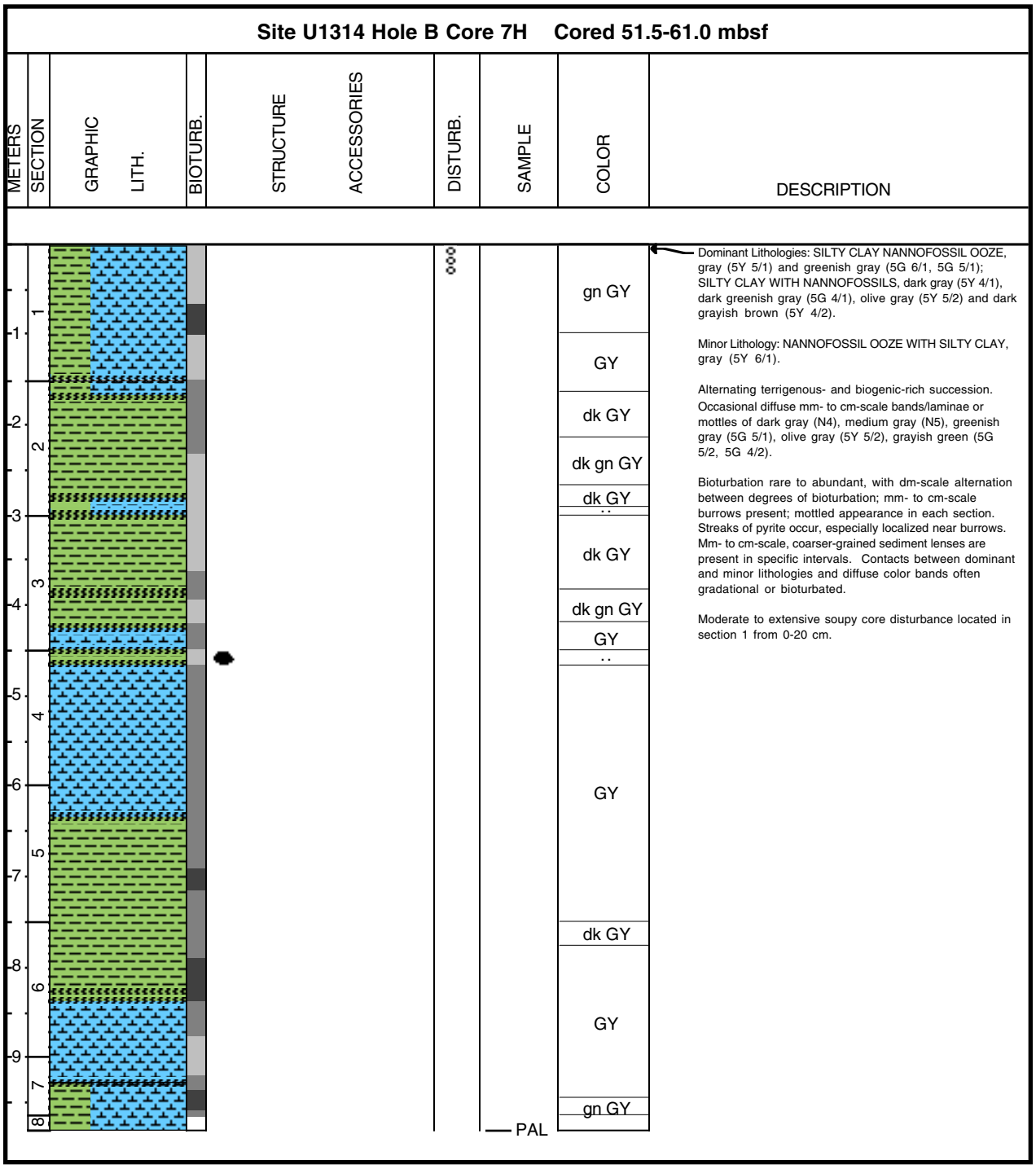
Core Photo


Site U1314 Hole B Core 5H Cored 32.5-42.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
SS
PAL
GY
dk GY
GY
lt GY
GY
WH
GY
gn GY
GY
GY
GY
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE, gray (5Y 5/1) and greenish gray (5G 6/1); SILTY CLAY WITH NANNOFOSSILS, dark gray (5Y 4/1); NANNOFOSSIL OOZE WITH SILTY CLAY, gray (5Y 6/1) and light gray (5Y 7/1).
Minor Lithology: NANNOFOSSIL OOZE, white (5Y 8/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of olive gray (5Y 5/2), light olive gray (5Y 6/2), grayish green (5G 5/2) and pale green (5G 6/2); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows; rare pyrite halos. Mm- to cm-scale, coarse-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.
Slight water-injected core disturbance located in section 1 from 0-12 cm.

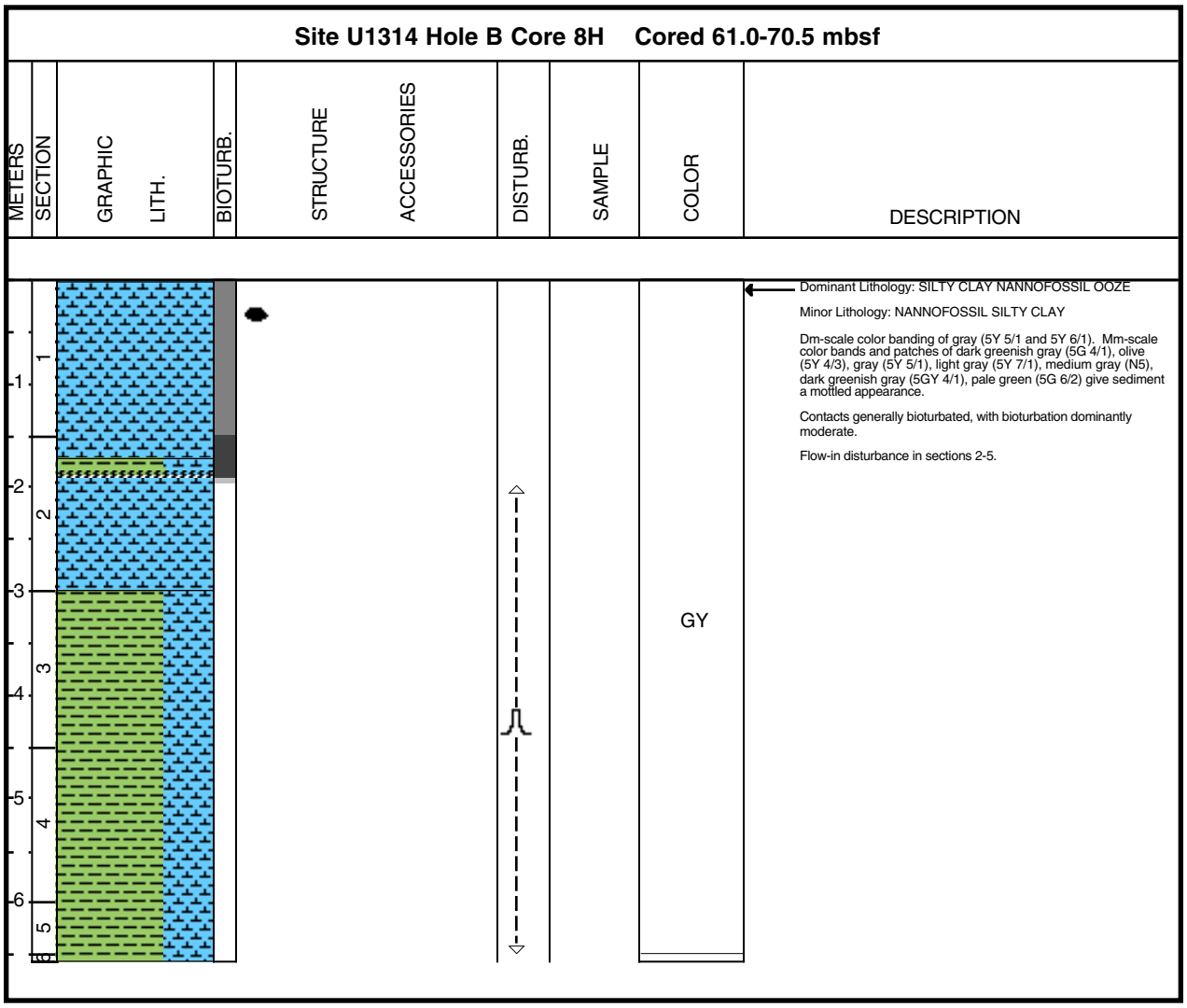
Core Photo


Site U1314 Hole B Core 6H Cored 42.0-51.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
GY
dk GY
gn GY
GY
dk GY
gn GY
GY
dk GY
gn GY
dk gn GY
dk GY
ol GY
dk gn GY
SS
ol GY
dk gn GY
dk gn GY
GY
dk gn GY
dk gn GY
dk gn GY
dk GY
PAL
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE, gray (5Y 5/1) and greenish gray (5G 5/1); SILTY CLAY WITH NANNOFOSSILS, dark gray (5Y 4/1), dark greenish gray (5GY 4/1, 5G 4/1) and olive gray (5Y 5/2).
Minor Lithology: NANNOFOSSIL OOZE WITH SILTY CLAY, gray (5Y 5/1, 5Y 6/1) and light gray (5Y 7/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of gray (5Y 5/1), grayish green (5G 5/2); color bands present in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows; rare pyrite halos. Mm- to cm-scale, coarse-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.
Dropstone located in section 1 (6-10 cm).
Extensive soupy core disturbance located in section 1 from 0-86 cm.

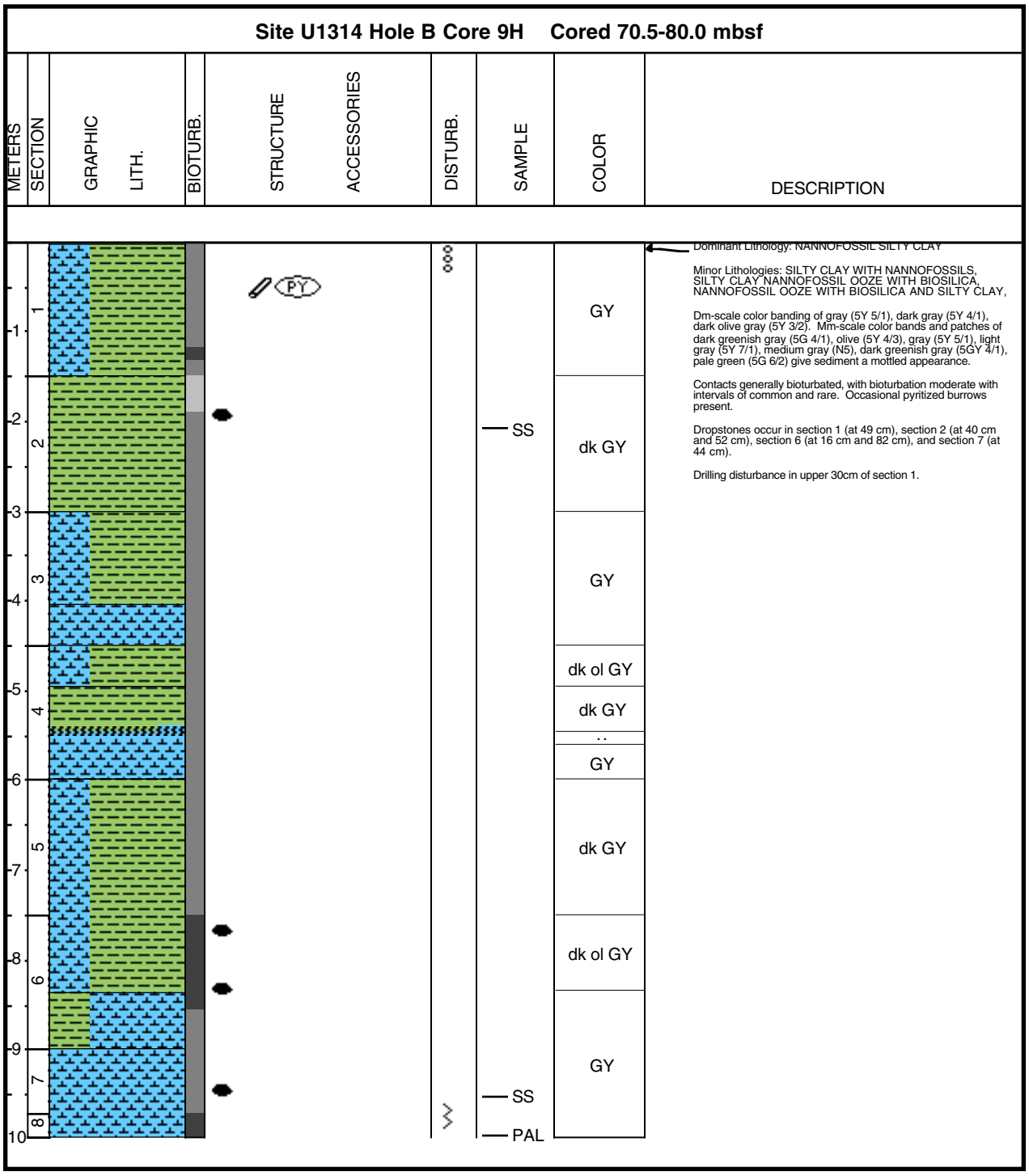
Core Photo


Site U1314 Hole B Core 7H Cored 51.5-61.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
gn GY
GY
dk GY
dk gn GY
dk GY
dk GY
dk gn GY
GY
GY
dk GY
GY
gn GY
PAL
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE, gray (5Y 5/1) and greenish gray (5G 6/1, 5G 5/1); SILTY CLAY WITH NANNOFOSSILS, dark gray (5Y 4/1), dark greenish gray (5G 4/1), olive gray (5Y 5/2) and dark grayish brown (5Y 4/2).
Minor Lithology: NANNOFOSSIL OOZE WITH SILTY CLAY, gray (5Y 6/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of dark gray (N4), medium gray (N5), greenish gray (5G 5/1), olive gray (5Y 5/2), grayish green (5G 5/2, 5G 4/2).
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows. Mm- to cm-scale, coarser-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.
Moderate to extensive soupy core disturbance located in section 1 from 0-20 cm.

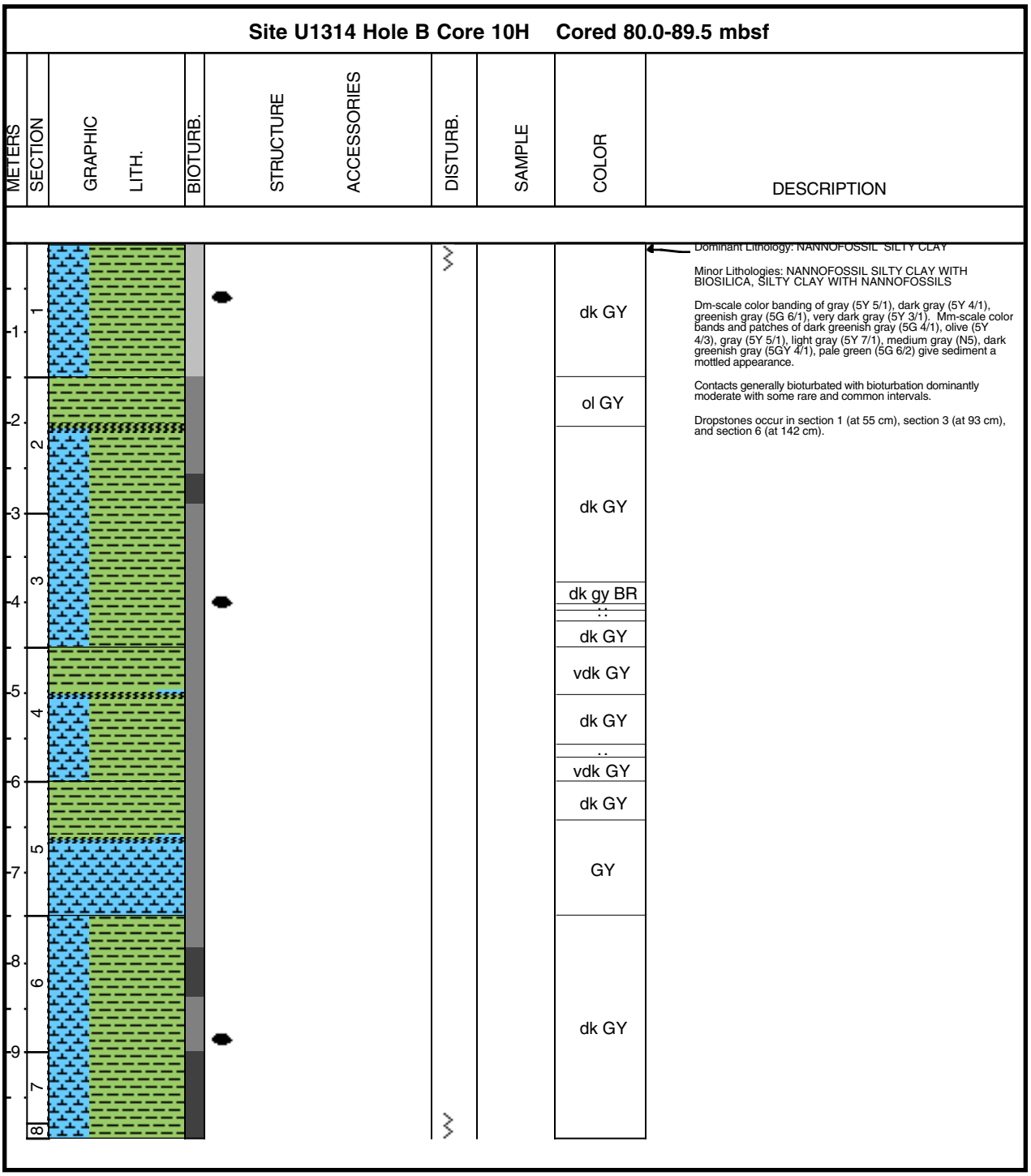
Core Photo


Site U1314 Hole B Core 8H Cored 61.0-70.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
GY
Dominant Lithology: SILTY CLAY NANNOFOSSIL OOZE
Minor Lithology: NANNOFOSSIL SILTY CLAY
Dm-scale color banding of gray (5Y 5/1 and 5Y 6/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate.
Flow-in disturbance in sections 2-5.

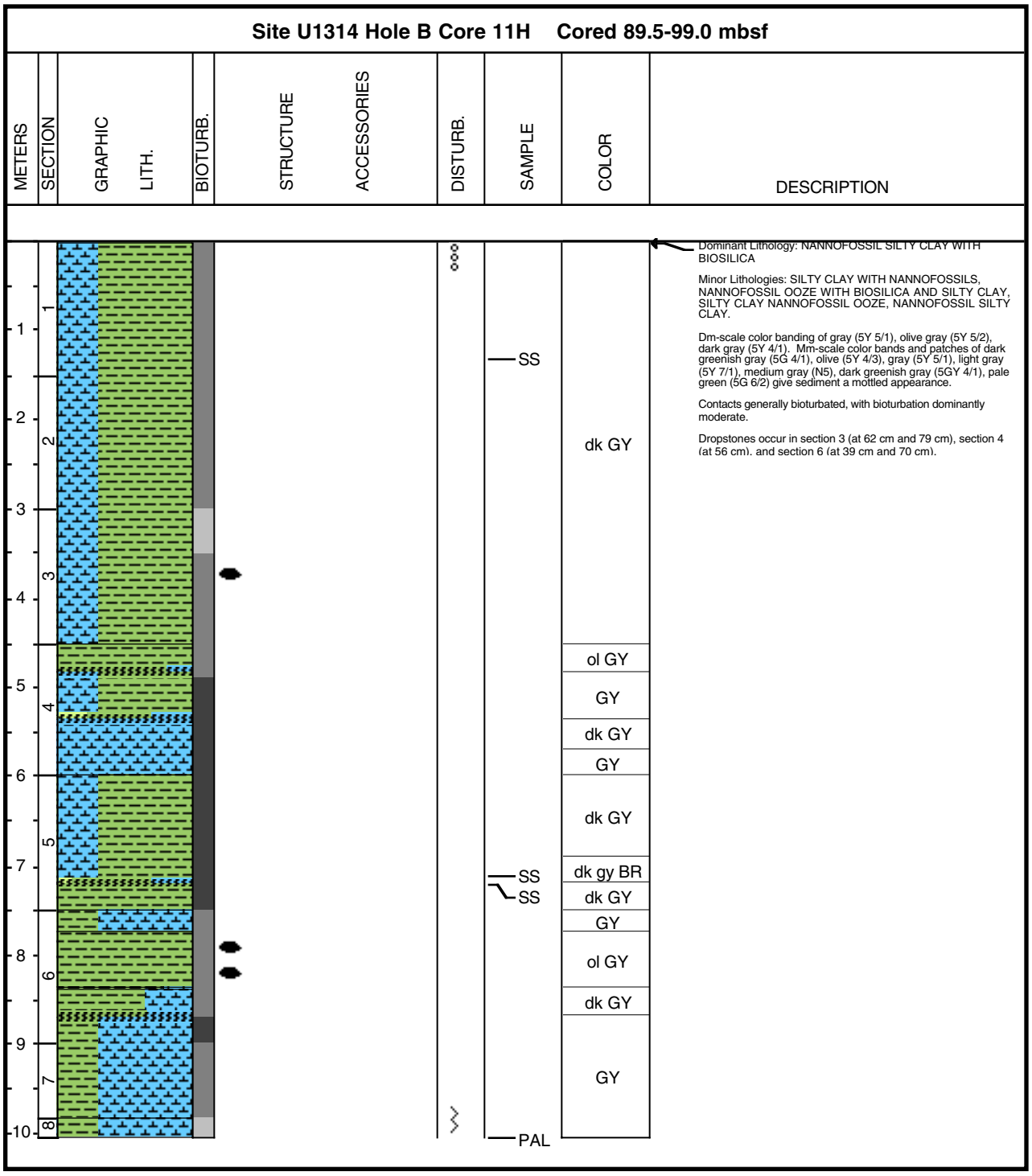
Core Photo


Site U1314 Hole B Core 9H Cored 70.5-80.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
PY
SS
SS
PAL
GY
dk GY
GY
dk ol GY
dk GY
GY
dk GY
dk ol GY
GY
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithologies: SILTY CLAY WITH NANNOFOSSILS, SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA, NANNOFOSSIL OOZE WITH BIOSILICA AND SILTY CLAY,
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1), dark olive gray (5Y 3/2). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate with intervals of common and rare. Occasional pyritized burrows present.
Dropstones occur in section 1 (at 49 cm), section 2 (at 40 cm and 52 cm), section 6 (at 16 cm and 82 cm), and section 7 (at 44 cm).
Drilling disturbance in upper 30cm of section 1.

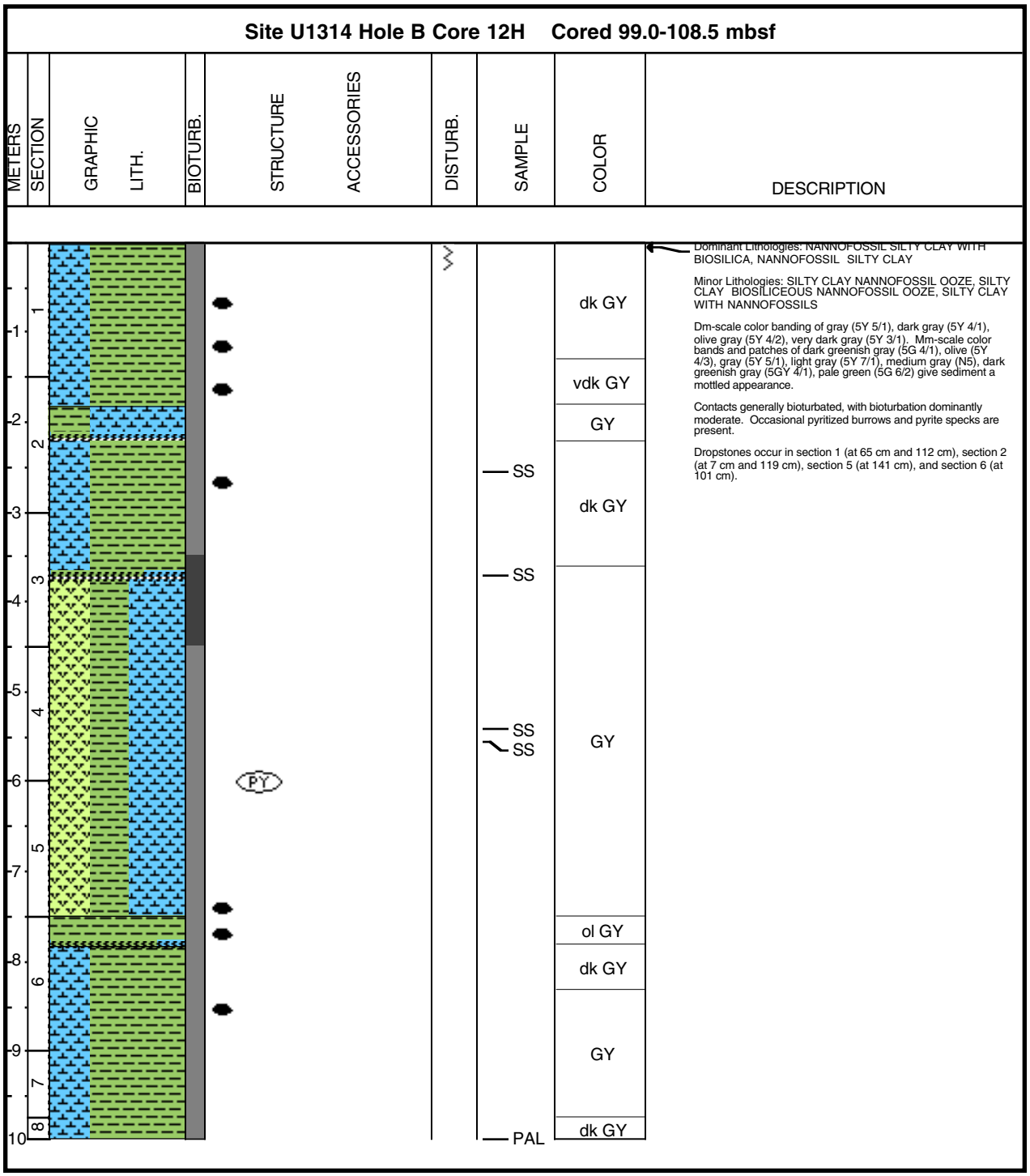
Core Photo


Site U1314 Hole B Core 10H Cored 80.0-89.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
dk GY
ol GY
dk GY
dk gy BR
dk GY
vdk GY
dk GY
vdk GY
dk GY
GY
dk GY
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithologies: NANNOFOSSIL SILTY CLAY WITH BIOSILICA, SILTY CLAY WITH NANNOFOSSILS
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1), greenish gray (5G 6/1), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated with bioturbation dominantly moderate with some rare and common intervals.
Dropstones occur in section 1 (at 55 cm), section 3 (at 93 cm), and section 6 (at 142 cm).

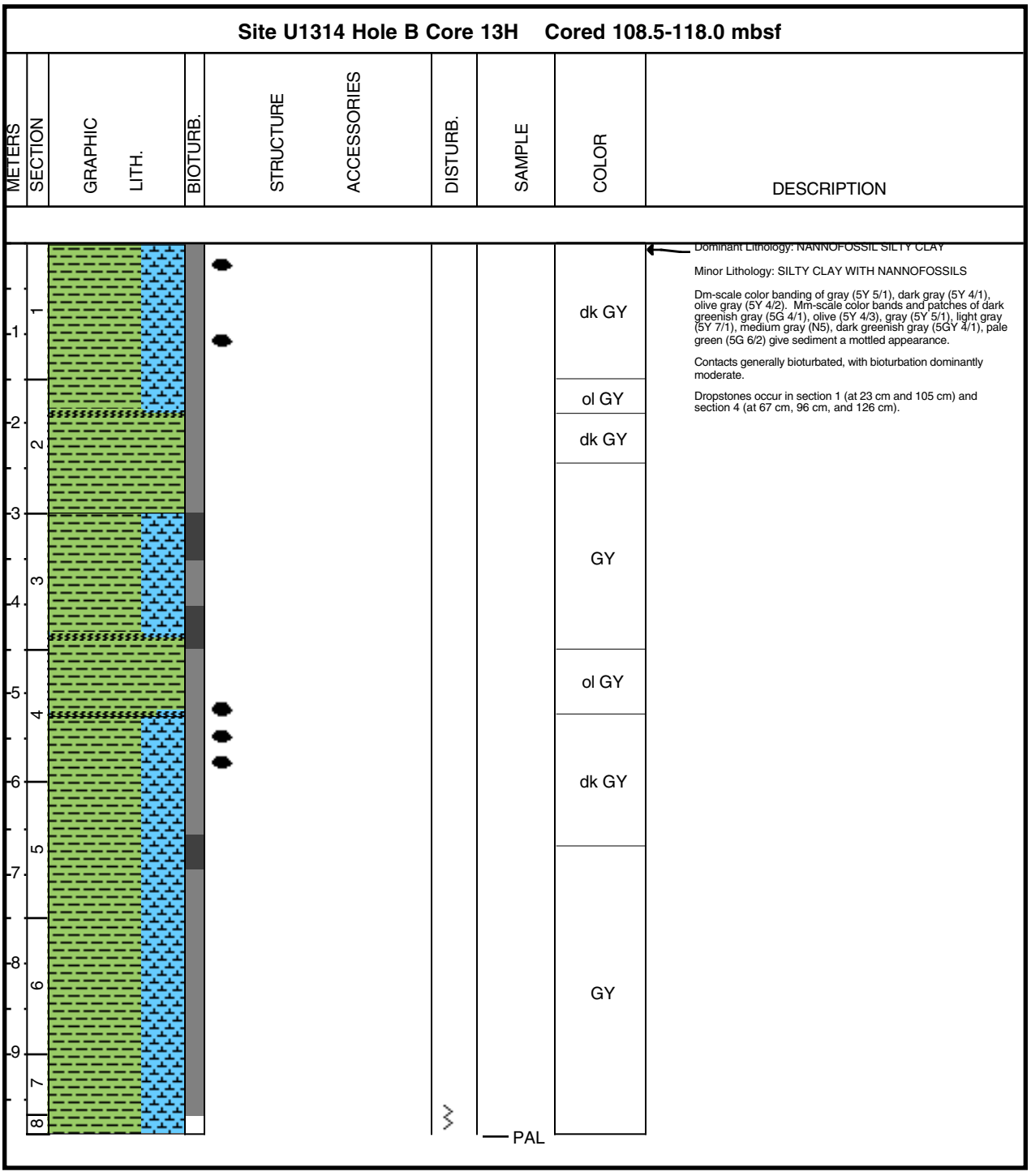
Core Photo


Site U1314 Hole B Core 11H Cored 89.5-99.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: NANNOFOSSIL SILTY CLAY WITH BIOSILICA
Minor Lithologies: SILTY CLAY WITH NANNOFOSSILS, NANNOFOSSIL OOZE WITH BIOSILICA AND SILTY CLAY, SILTY CLAY NANNOFOSSIL OOZE, NANNOFOSSIL SILTY CLAY.
Dm-scale color banding of gray (5Y 5/1), olive gray (5Y 5/2), dark gray (5Y 4/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate.
Dropstones occur in section 3 (at 62 cm and 79 cm), section 4 (at 56 cm), and section 6 (at 39 cm and 70 cm).
SS
SS
SS
PAL
dk GY
ol GY
GY
dk GY
GY
dk GY
dk gy BR
dk GY
GY
ol GY
dk GY
GY

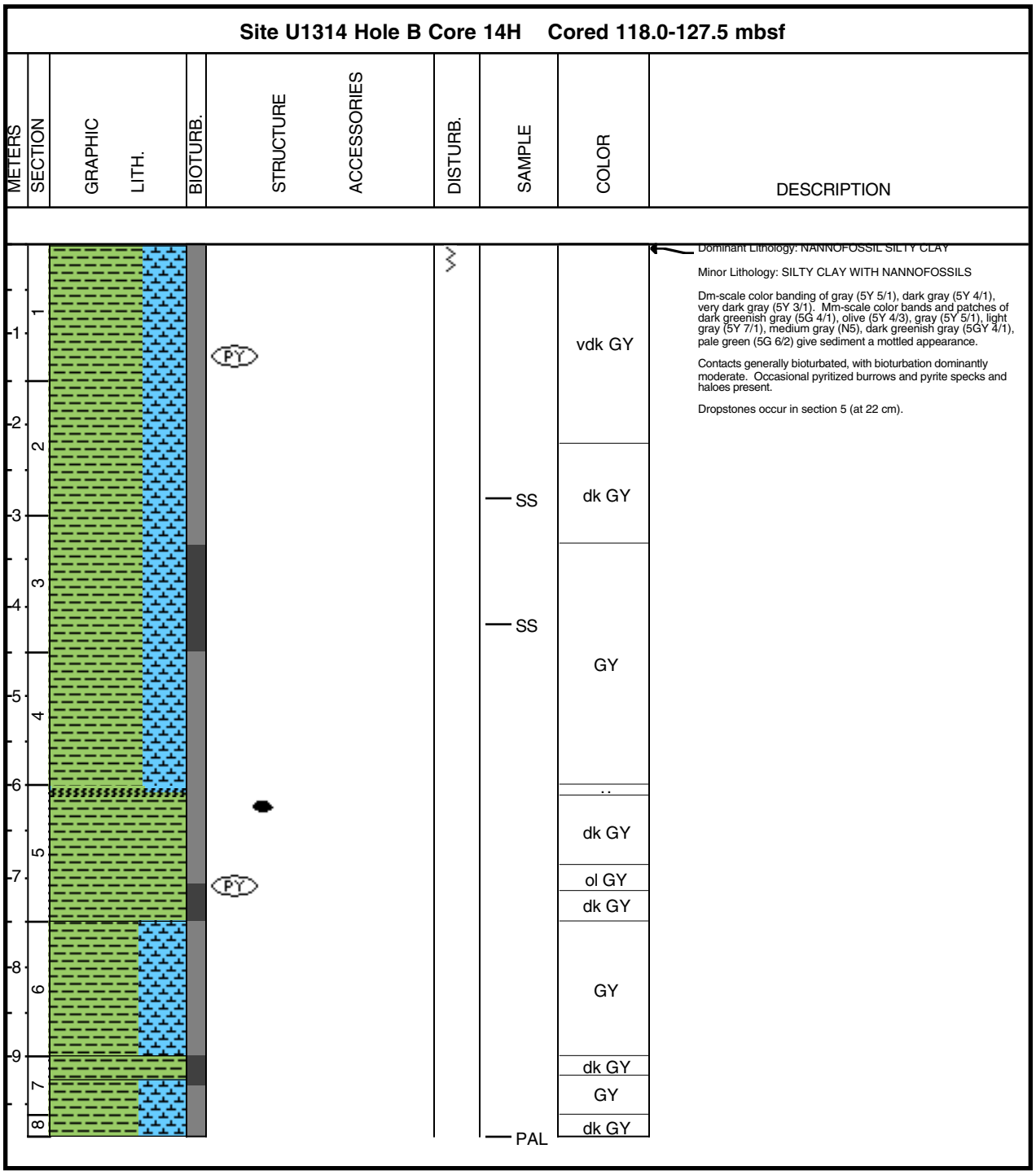
Core Photo


Site U1314 Hole B Core 12H Cored 99.0-108.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithologies: NANNOFOSSIL SILTY CLAY WITH BIOSILICA, NANNOFOSSIL SILTY CLAY
Minor Lithologies: SILTY CLAY NANNOFOSSIL OOZE, SILTY CLAY BIOSILICEOUS NANNOFOSSIL OOZE, SILTY CLAY WITH NANNOFOSSILS
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1), olive gray (5Y 4/2), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate. Occasional pyritized burrows and pyrite specks are present.
Dropstones occur in section 1 (at 65 cm and 112 cm), section 2 (at 7 cm and 119 cm), section 5 (at 141 cm), and section 6 (at 101 cm).
dk GY
vdk GY
GY
dk GY
GY
ol GY
dk GY
GY
dk GY
SS
SS
SS
SS
PAL
PY
1
2
3
4
5
6
7
8
10

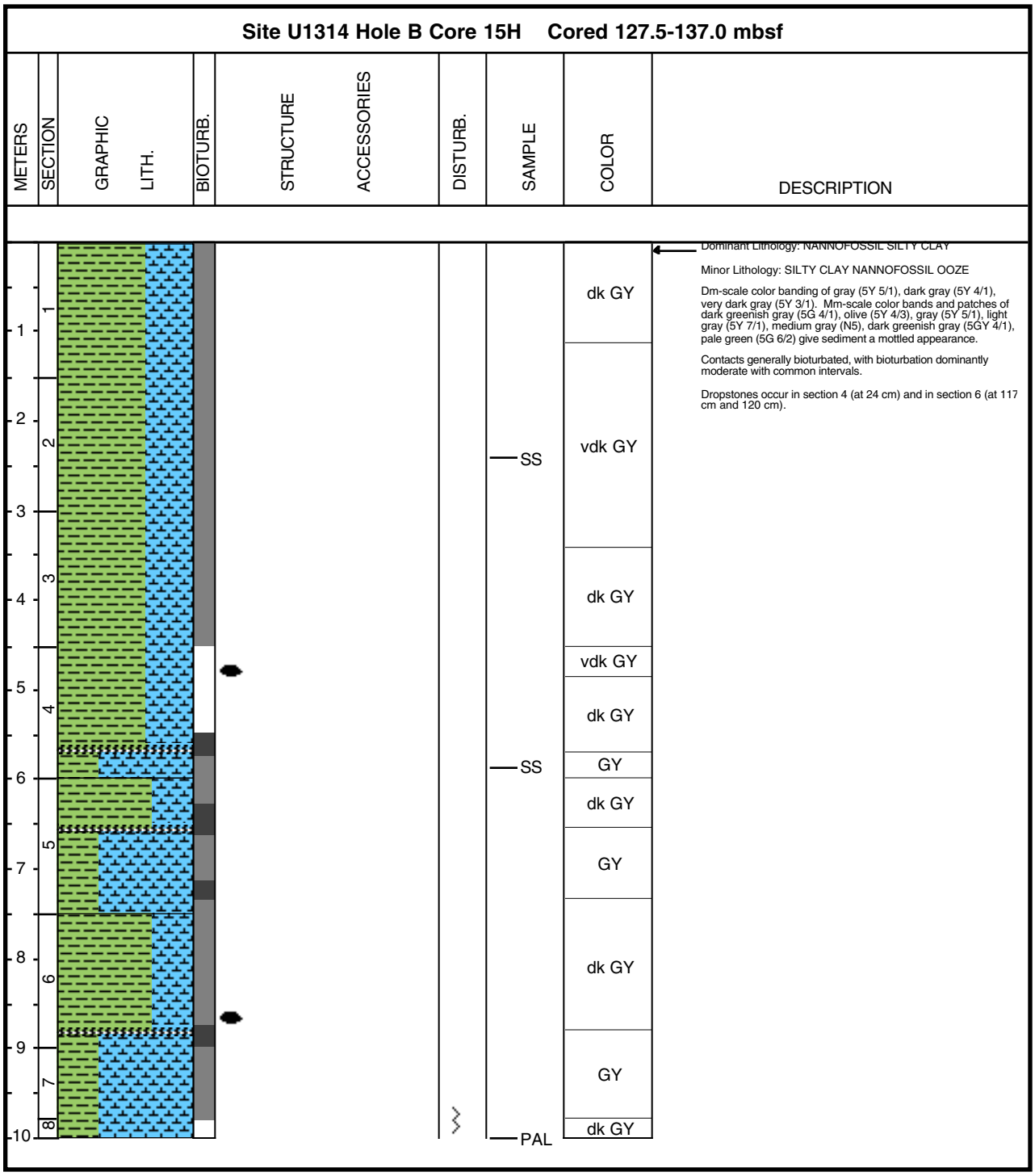
Core Photo


Site U1314 Hole B Core 13H Cored 108.5-118.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithology: SILTY CLAY WITH NANNOFOSSILS
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1), olive gray (5Y 4/2). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate.
Dropstones occur in section 1 (at 23 cm and 105 cm) and section 4 (at 67 cm, 96 cm, and 126 cm).
dk GY
ol GY
dk GY
GY
ol GY
dk GY
GY
PAL

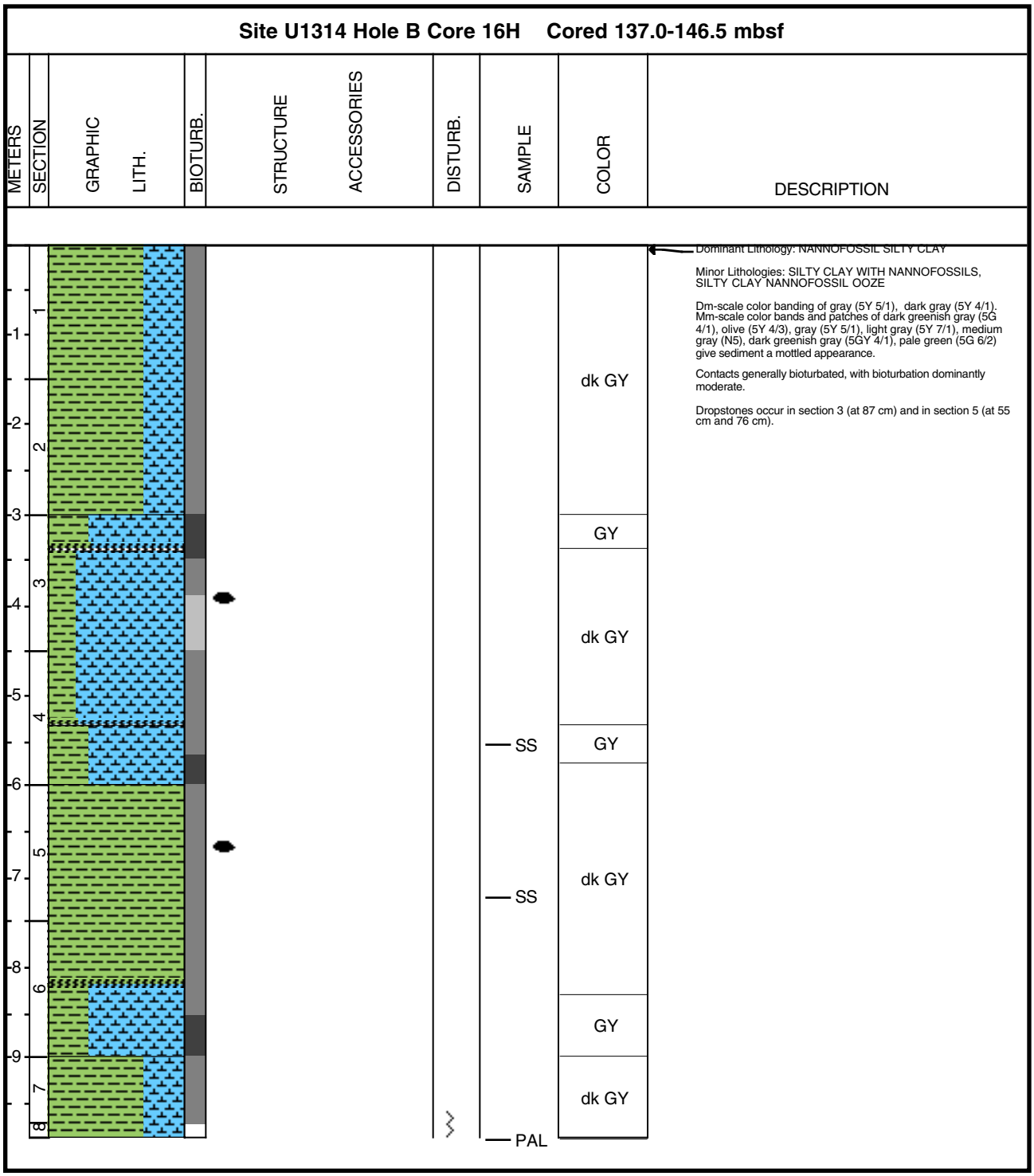
Core Photo


Site U1314 Hole B Core 14H Cored 118.0-127.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
PY
PY
SS
SS
PAL
vdk GY
dk GY
GY
dk GY
ol GY
dk GY
GY
dk GY
GY
dk GY
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithology: SILTY CLAY WITH NANNOFOSSILS
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate. Occasional pyritized burrows and pyrite specks and haloes present.
Dropstones occur in section 5 (at 22 cm).

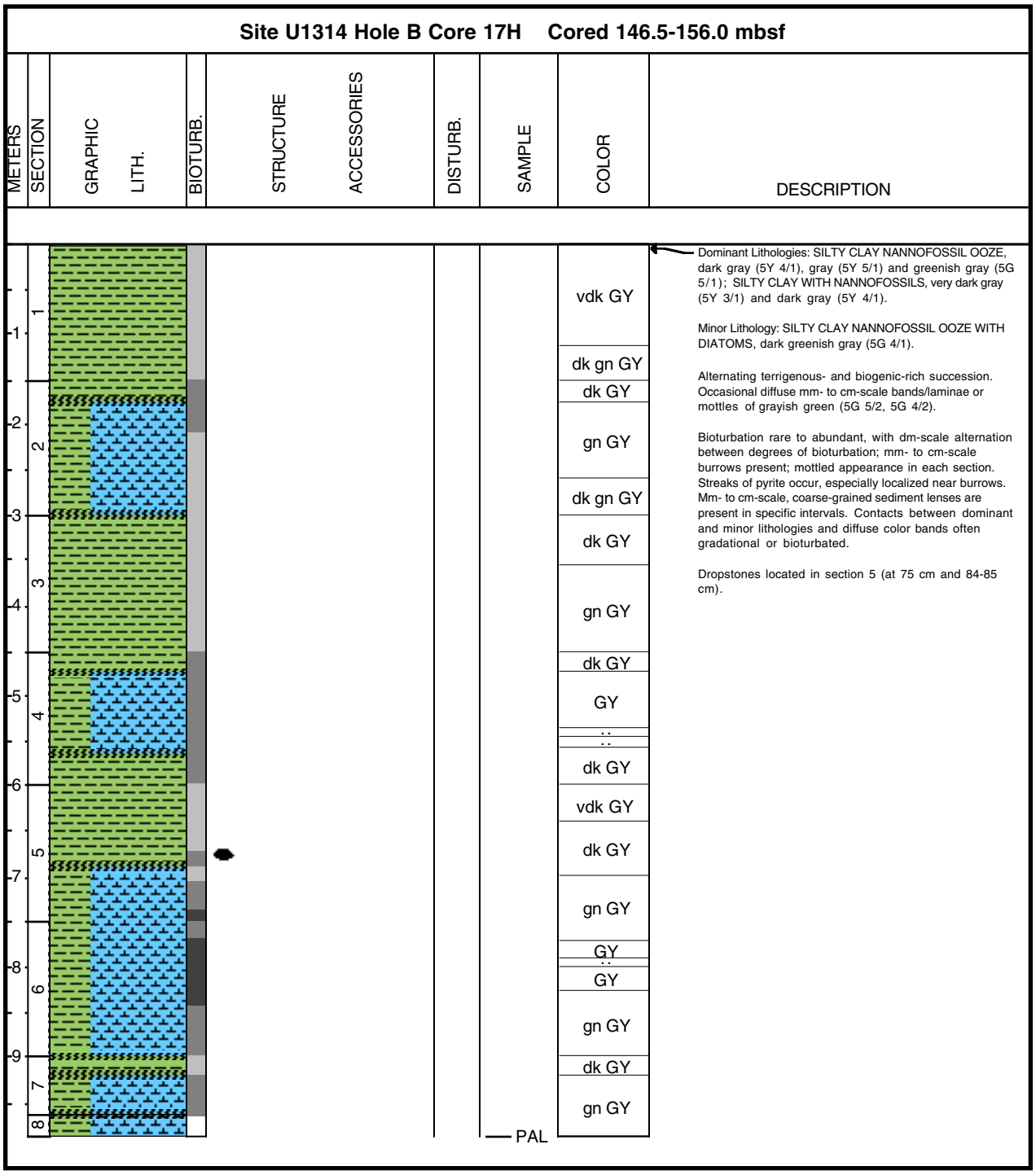
Core Photo


Site U1314 Hole B Core 15H Cored 127.5-137.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithology: SILTY CLAY NANNOFOSSIL OOZE
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate with common intervals.
Dropstones occur in section 4 (at 24 cm) and in section 6 (at 117 cm and 120 cm).
SS
SS
PAL
dk GY
vdk GY
dk GY
vdk GY
dk GY
GY
dk GY
GY
dk GY
GY
dk GY

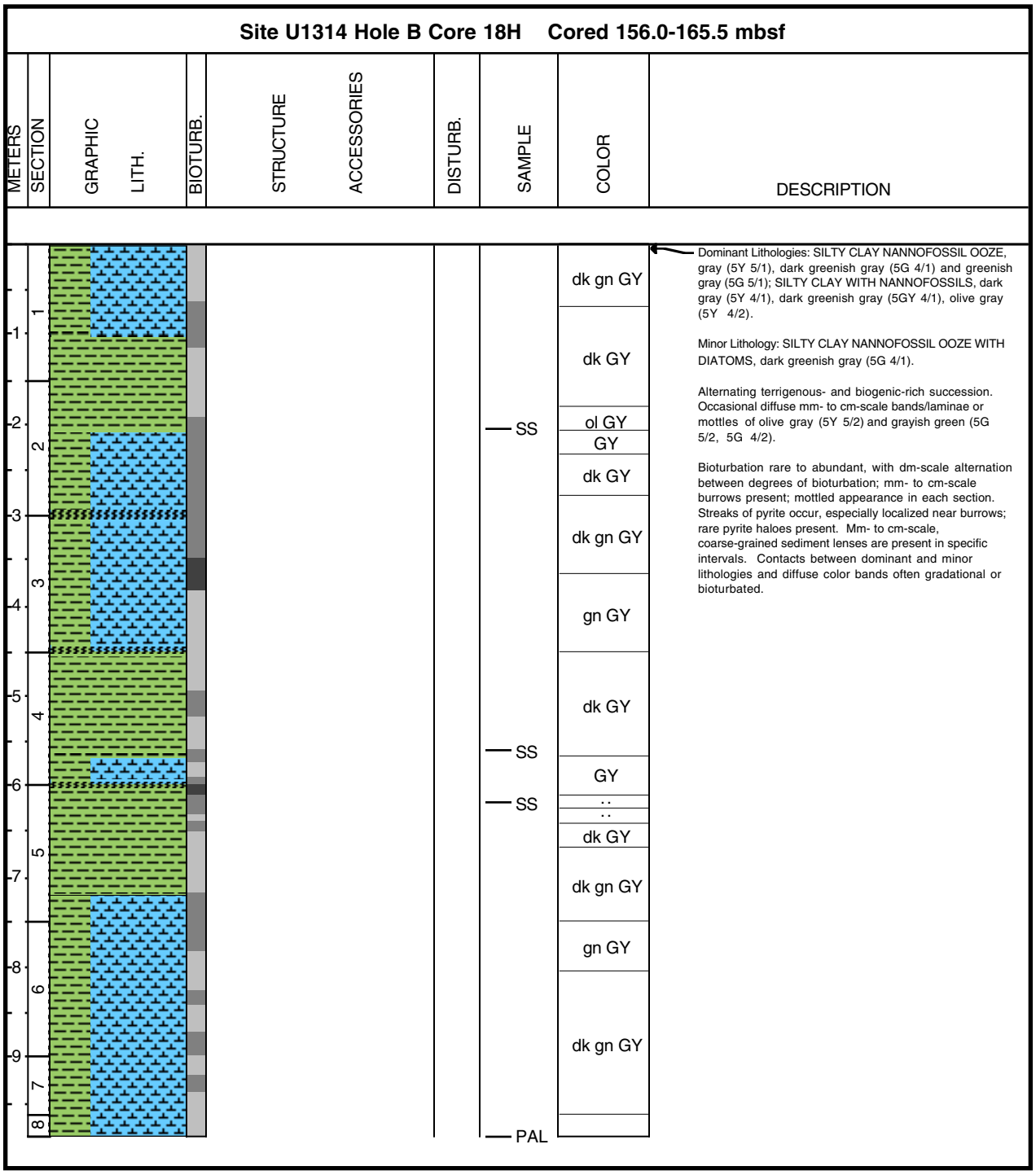
Core Photo


Site U1314 Hole B Core 16H Cored 137.0-146.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithologies: SILTY CLAY WITH NANNOFOSSILS, SILTY CLAY NANNOFOSSIL OOZE
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate.
Dropstones occur in section 3 (at 87 cm) and in section 5 (at 55 cm and 76 cm).
dk GY
GY
dk GY
GY
dk GY
GY
dk GY
SS
SS
PAL

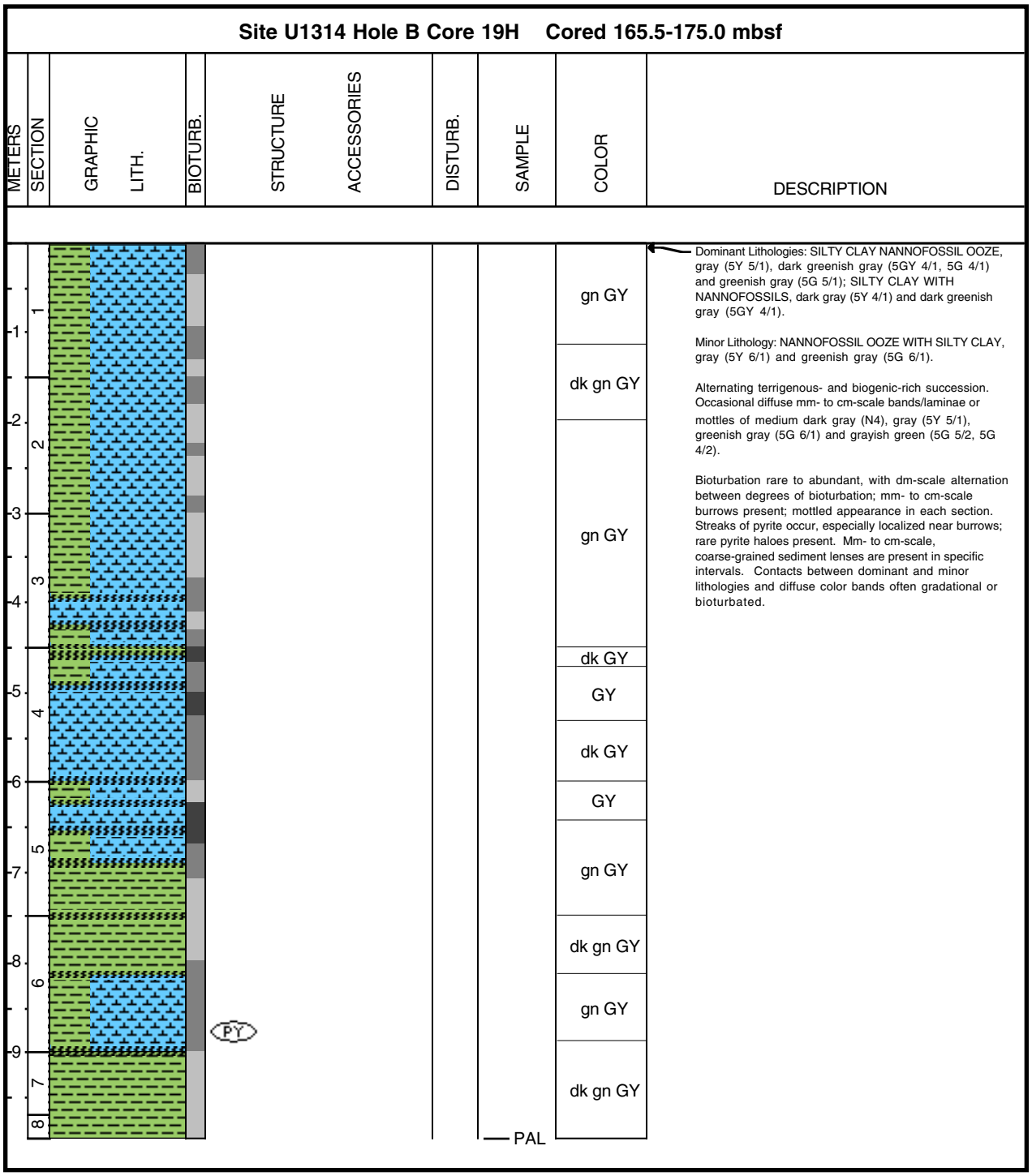
Core Photo


Site U1314 Hole B Core 17H Cored 146.5-156.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
vdk GY
dk gn GY
dk GY
gn GY
dk gn GY
dk GY
gn GY
dk GY
GY
dk GY
vdk GY
dk GY
gn GY
GY
GY
gn GY
dk GY
gn GY
PAL
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE, dark gray (5Y 4/1), gray (5Y 5/1) and greenish gray (5G 5/1); SILTY CLAY WITH NANNOFOSSILS, very dark gray (5Y 3/1) and dark gray (5Y 4/1).
Minor Lithology: SILTY CLAY NANNOFOSSIL OOZE WITH DIATOMS, dark greenish gray (5G 4/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of grayish green (5G 5/2, 5G 4/2).
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows. Mm- to cm-scale, coarse-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.
Dropstones located in section 5 (at 75 cm and 84-85 cm).

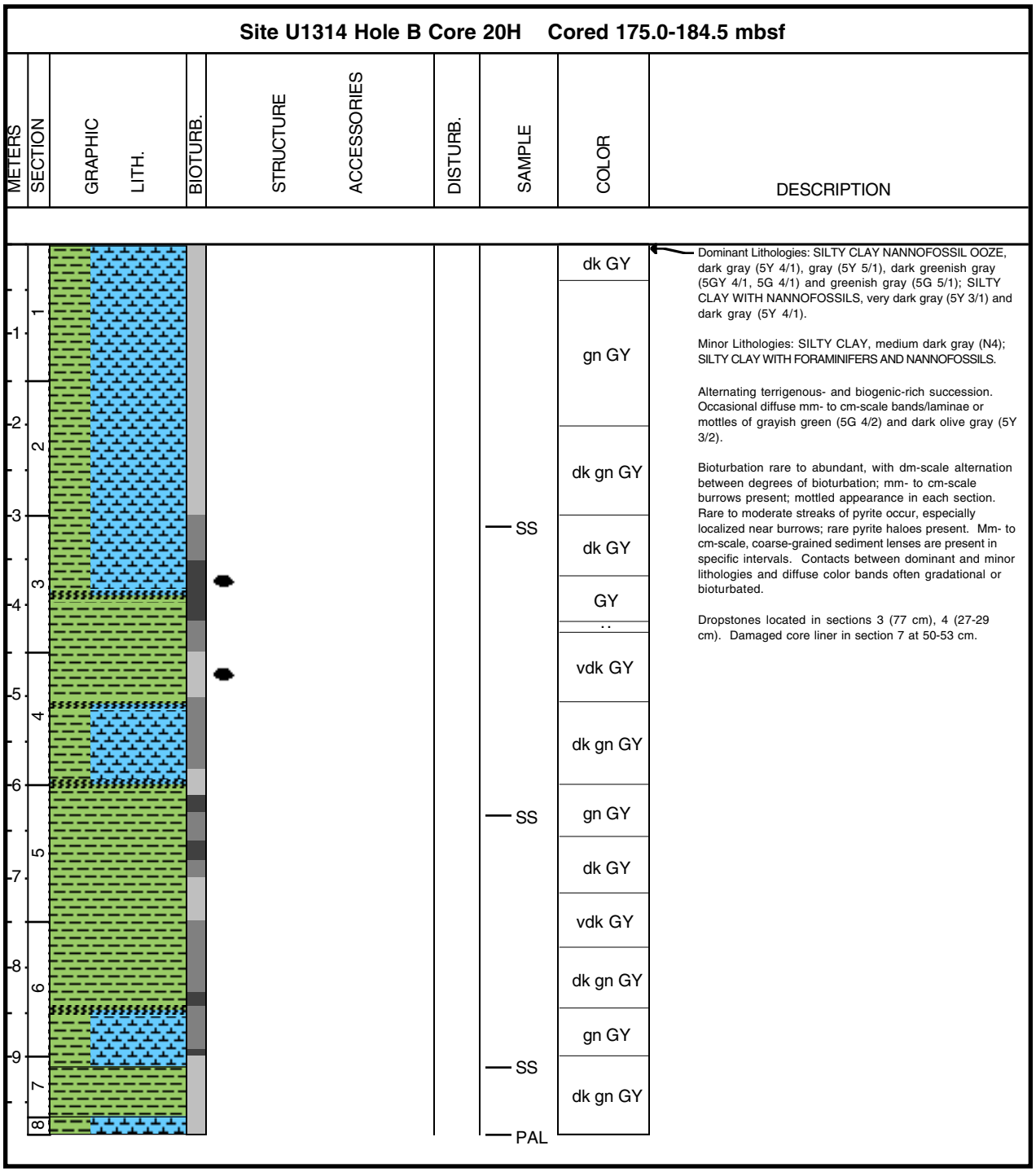
Core Photo


Site U1314 Hole B Core 18H Cored 156.0-165.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
SS
PAL
dk gn GY
dk GY
ol GY
GY
dk GY
dk gn GY
gn GY
dk GY
GY
dk GY
dk gn GY
gn GY
dk gn GY
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE, gray (5Y 5/1), dark greenish gray (5G 4/1) and greenish gray (5G 5/1); SILTY CLAY WITH NANNOFOSSILS, dark gray (5Y 4/1), dark greenish gray (5GY 4/1), olive gray (5Y 4/2).
Minor Lithology: SILTY CLAY NANNOFOSSIL OOZE WITH DIATOMS, dark greenish gray (5G 4/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of olive gray (5Y 5/2) and grayish green (5G 5/2, 5G 4/2).
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows; rare pyrite haloes present. Mm- to cm-scale, coarse-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.

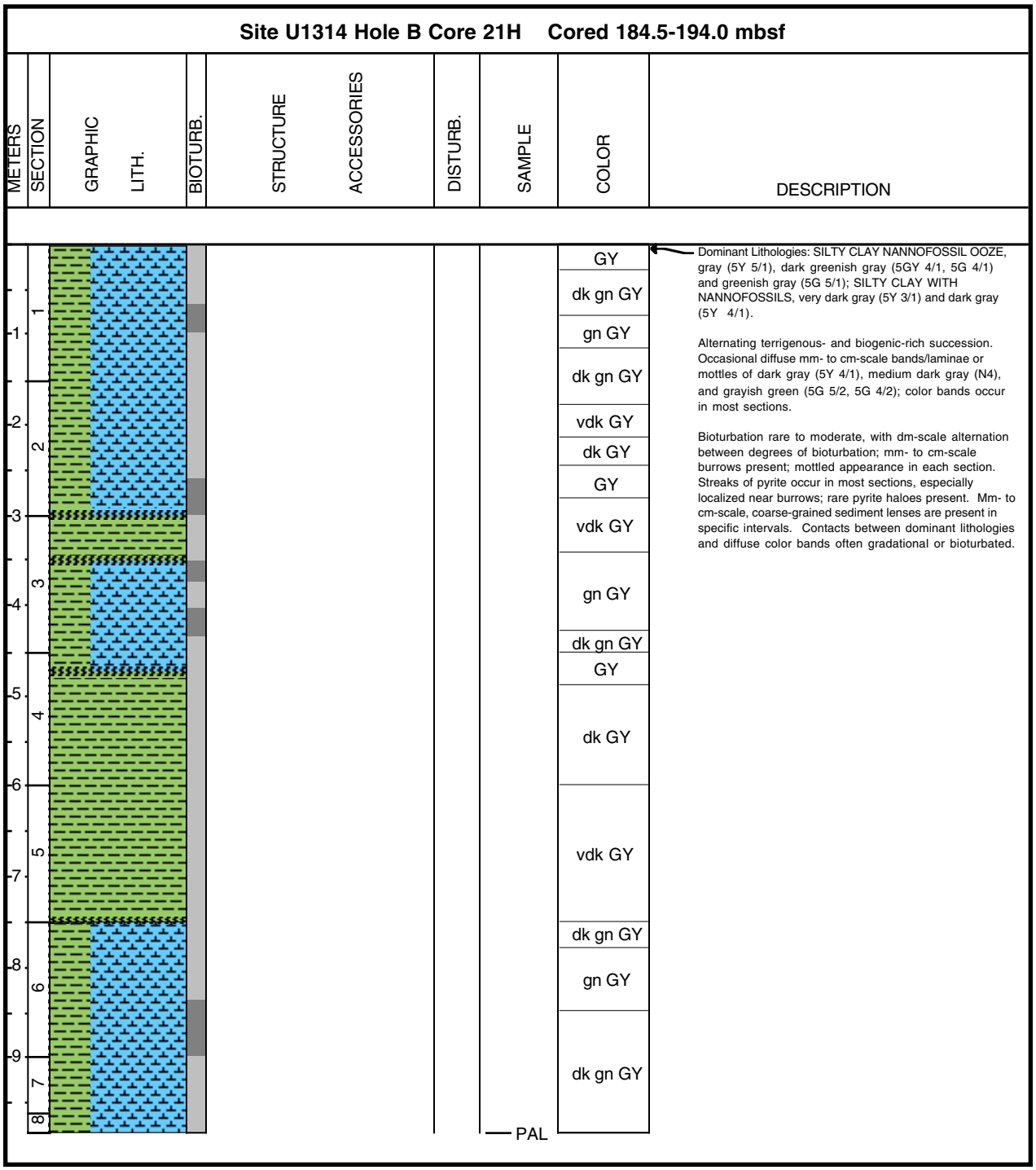
Core Photo


Site U1314 Hole B Core 19H Cored 165.5-175.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
gn GY
dk gn GY
gn GY
dk GY
GY
dk GY
GY
gn GY
dk gn GY
gn GY
dk gn GY
PY
PAL
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE, gray (5Y 5/1), dark greenish gray (5GY 4/1, 5G 4/1) and greenish gray (5G 5/1); SILTY CLAY WITH NANNOFOSSILS, dark gray (5Y 4/1) and dark greenish gray (5GY 4/1).
Minor Lithology: NANNOFOSSIL OOZE WITH SILTY CLAY, gray (5Y 6/1) and greenish gray (5G 6/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of medium dark gray (N4), gray (5Y 5/1), greenish gray (5G 6/1) and grayish green (5G 5/2, 5G 4/2).
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur, especially localized near burrows; rare pyrite haloes present. Mm- to cm-scale, coarse-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.

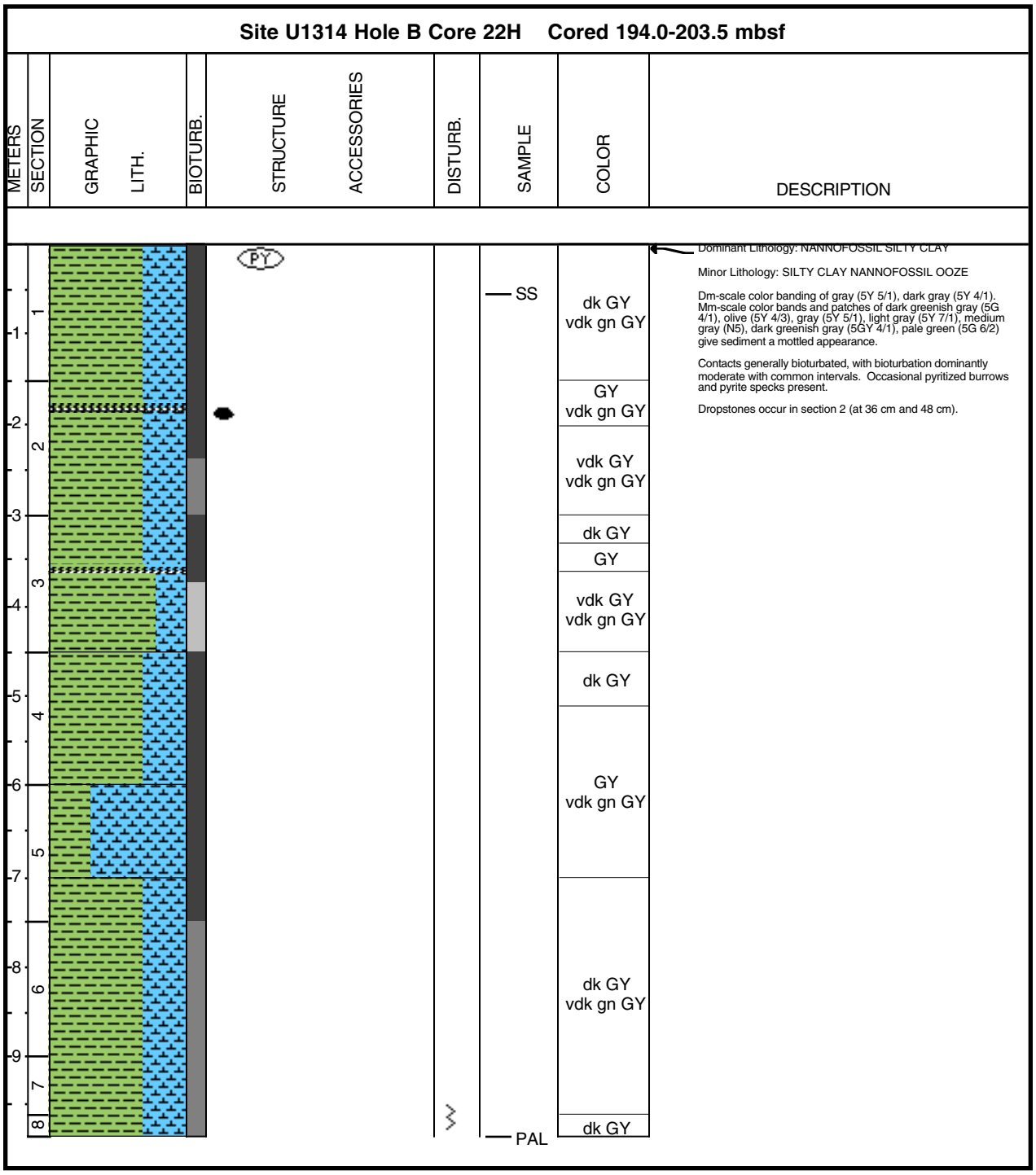
Core Photo


Site U1314 Hole B Core 20H Cored 175.0-184.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
dk GY
gn GY
dk gn GY
dk GY
GY
vdk GY
dk gn GY
gn GY
dk GY
vdk GY
dk gn GY
gn GY
dk gn GY
SS
SS
SS
PAL
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE, dark gray (5Y 4/1), gray (5Y 5/1), dark greenish gray (5GY 4/1, 5G 4/1) and greenish gray (5G 5/1); SILTY CLAY WITH NANNOFOSSILS, very dark gray (5Y 3/1) and dark gray (5Y 4/1).
Minor Lithologies: SILTY CLAY, medium dark gray (N4); SILTY CLAY WITH FORAMINIFERS AND NANNOFOSSILS.
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of grayish green (5G 4/2) and dark olive gray (5Y 3/2).
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Rare to moderate streaks of pyrite occur, especially localized near burrows; rare pyrite haloes present. Mm- to cm-scale, coarse-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.
Dropstones located in sections 3 (77 cm), 4 (27-29 cm). Damaged core liner in section 7 at 50-53 cm.

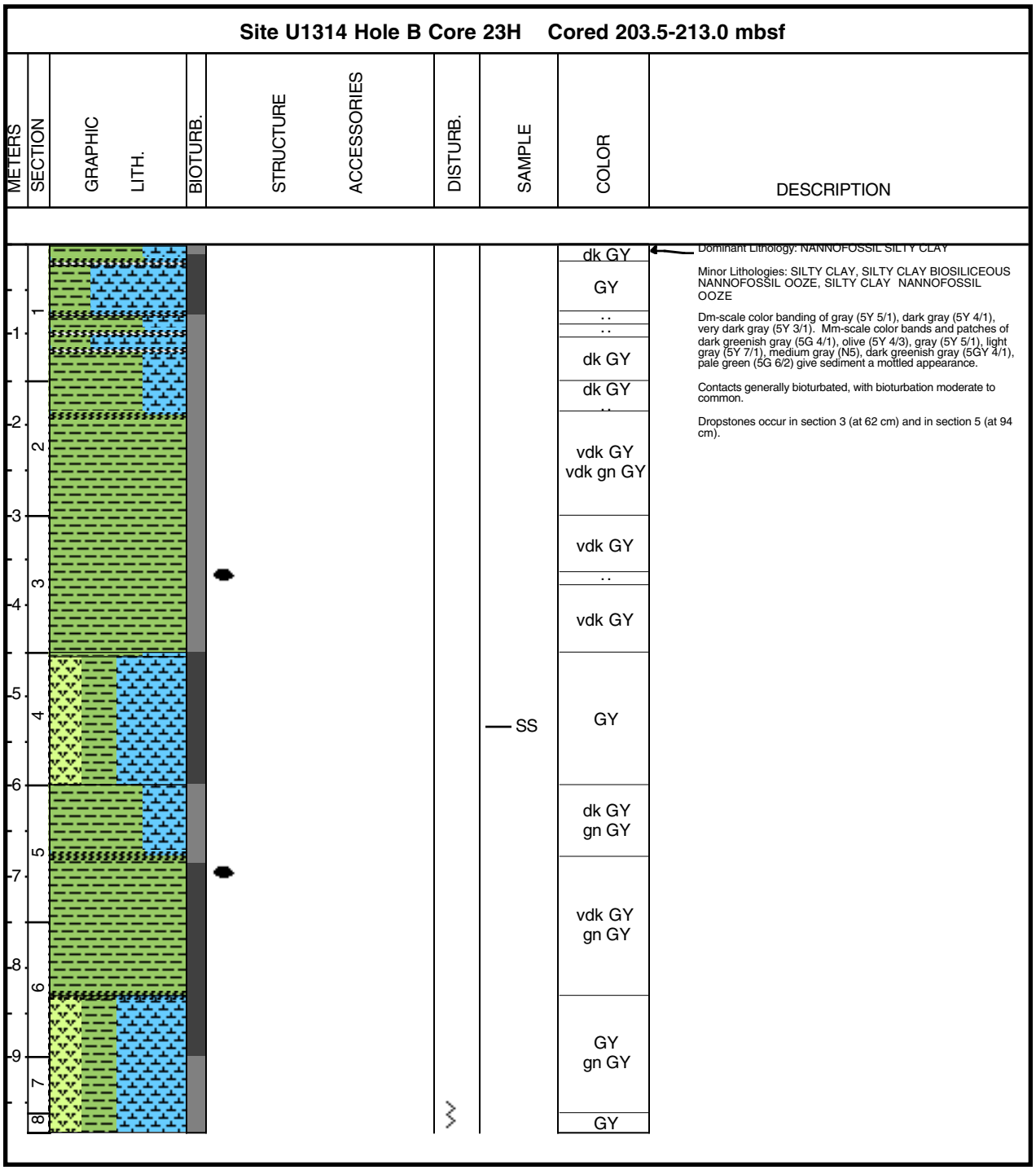
Core Photo


Site U1314 Hole B Core 21H Cored 184.5-194.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
GY
dk gn GY
gn GY
dk gn GY
vdk GY
dk GY
GY
vdk GY
gn GY
dk gn GY
GY
dk GY
vdk GY
dk gn GY
gn GY
dk gn GY
PAL
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE, gray (5Y 5/1), dark greenish gray (5GY 4/1, 5G 4/1) and greenish gray (5G 5/1); SILTY CLAY WITH NANNOFOSSILS, very dark gray (5Y 3/1) and dark gray (5Y 4/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of dark gray (5Y 4/1), medium dark gray (N4), and grayish green (5G 5/2, 5G 4/2); color bands occur in most sections.
Bioturbation rare to moderate, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur in most sections, especially localized near burrows; rare pyrite haloes present. Mm- to cm-scale, coarse-grained sediment lenses are present in specific intervals. Contacts between dominant lithologies and diffuse color bands often gradational or bioturbated.

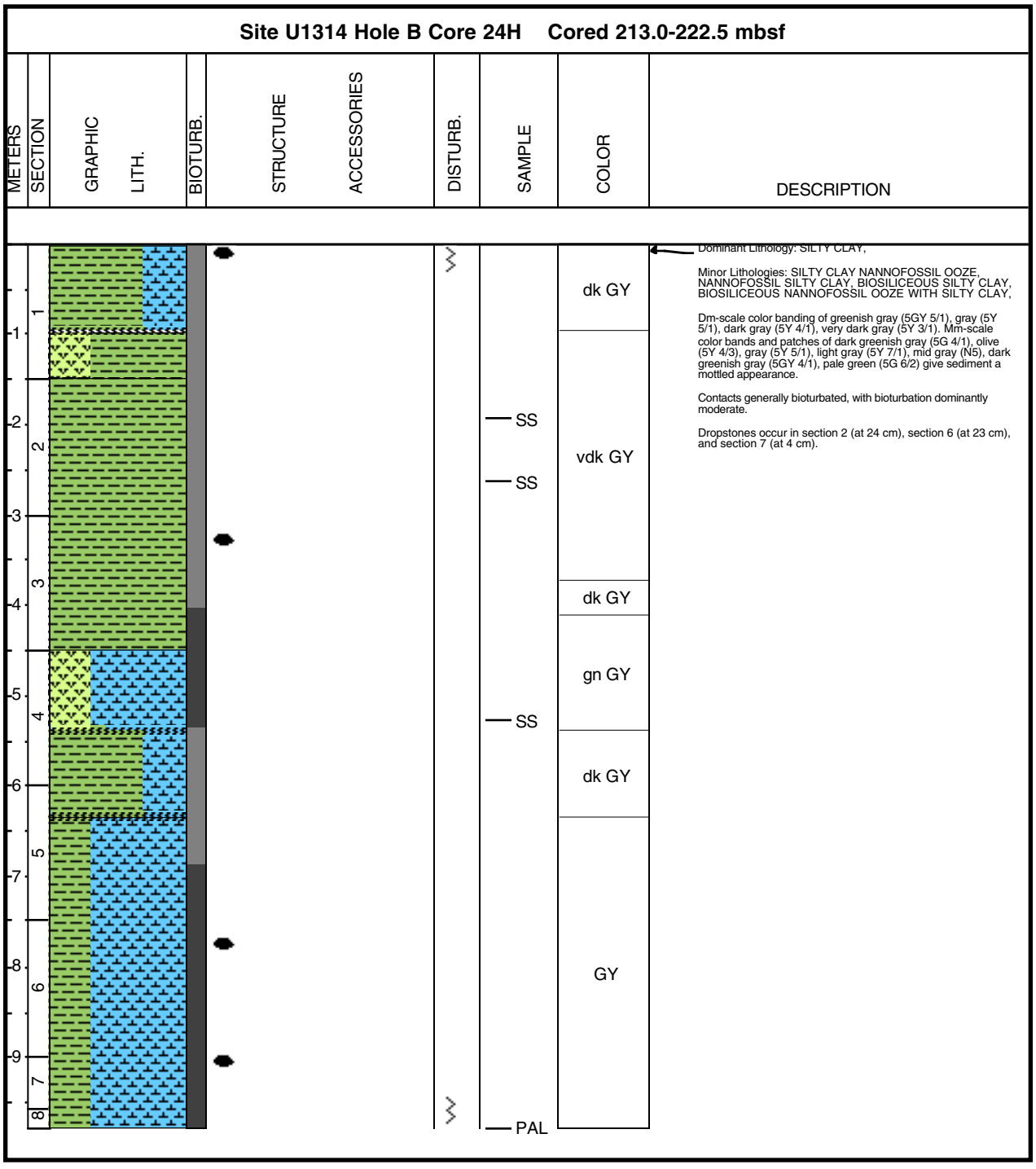
Core Photo


Site U1314 Hole B Core 22H Cored 194.0-203.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
PY
SS
PAL
dk GY vdk gn GY
GY vdk gn GY
vdk GY vdk gn GY
dk GY
GY
vdk GY vdk gn GY
dk GY
GY vdk gn GY
dk GY vdk gn GY
dk GY
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithology: SILTY CLAY NANNOFOSSIL OOZE
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate with common intervals. Occasional pyritized burrows and pyrite specks present.
Dropstones occur in section 2 (at 36 cm and 48 cm).

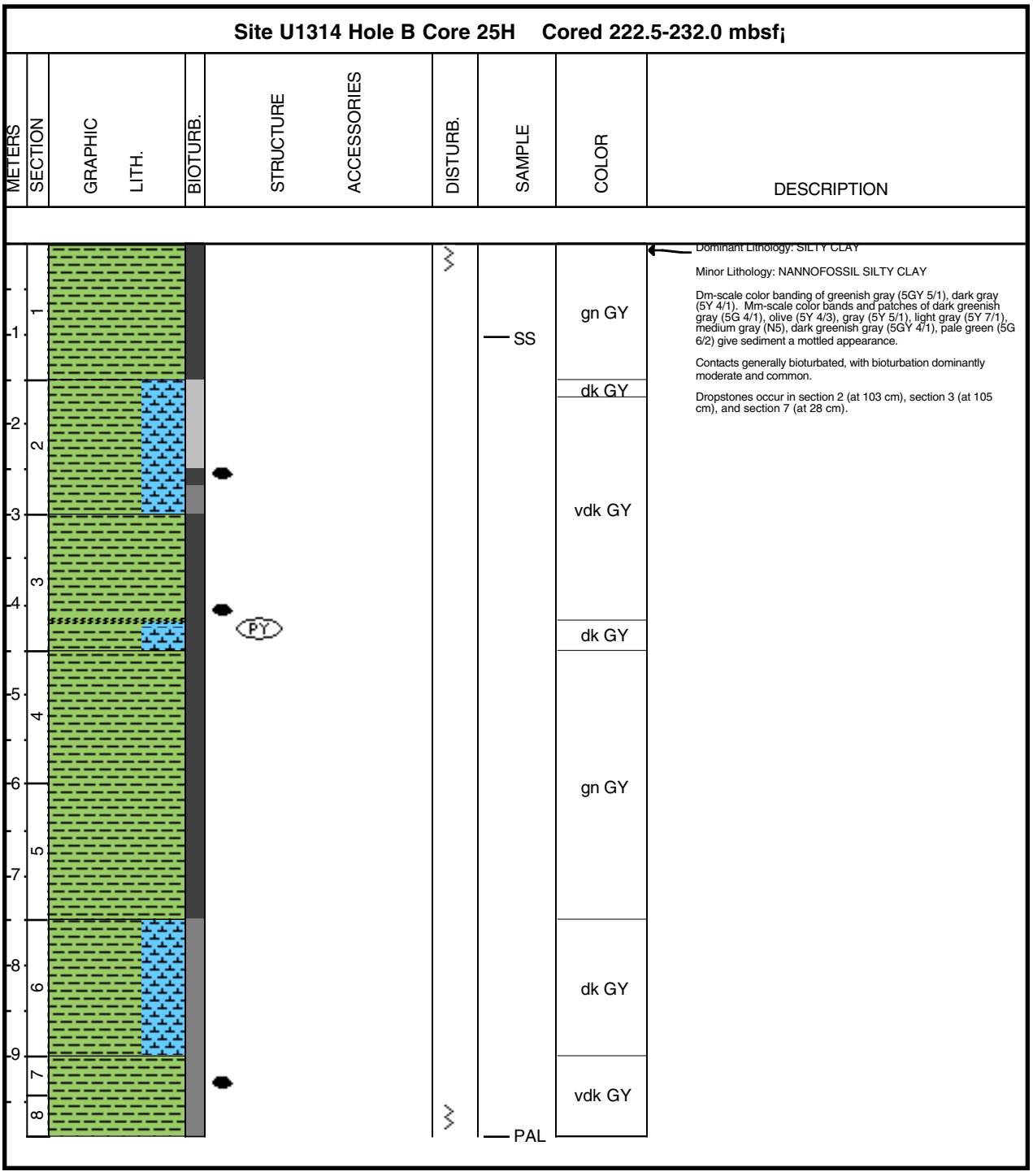
Core Photo


Site U1314 Hole B Core 23H Cored 203.5-213.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
dk GY
GY
dk GY
dk GY
vdk GY vdk gn GY
vdk GY
vdk GY
GY
dk GY gn GY
vdk GY gn GY
GY gn GY
GY
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithologies: SILTY CLAY, SILTY CLAY BIOSILICEOUS NANNOFOSSIL OOZE, SILTY CLAY NANNOFOSSIL OOZE
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common.
Dropstones occur in section 3 (at 62 cm) and in section 5 (at 94 cm).

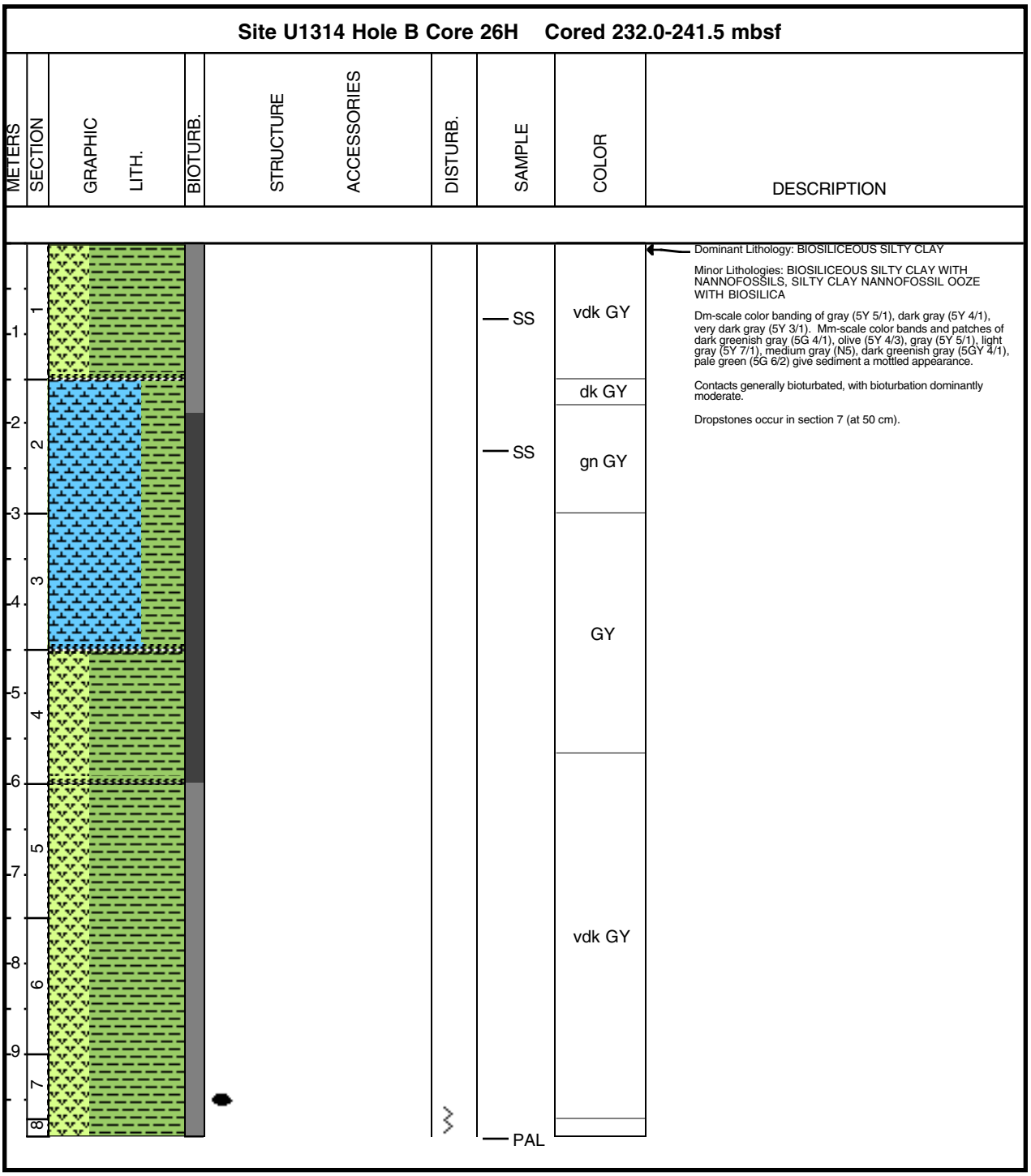
Core Photo


Site U1314 Hole B Core 24H Cored 213.0-222.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: SILTY CLAY;
Minor Lithologies: SILTY CLAY NANNOFOSSIL OOZE, NANNOFOSSIL SILTY CLAY, BIOSILICEOUS SILTY CLAY, BIOSILICEOUS NANNOFOSSIL OOZE WITH SILTY CLAY;
Dm-scale color banding of greenish gray (5GY 5/1), gray (5Y 5/1), dark gray (5Y 4/1), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), mid gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate.
Dropstones occur in section 2 (at 24 cm), section 6 (at 23 cm), and section 7 (at 4 cm).
SS
SS
SS
PAL
dk GY
vdk GY
dk GY
gn GY
dk GY
GY

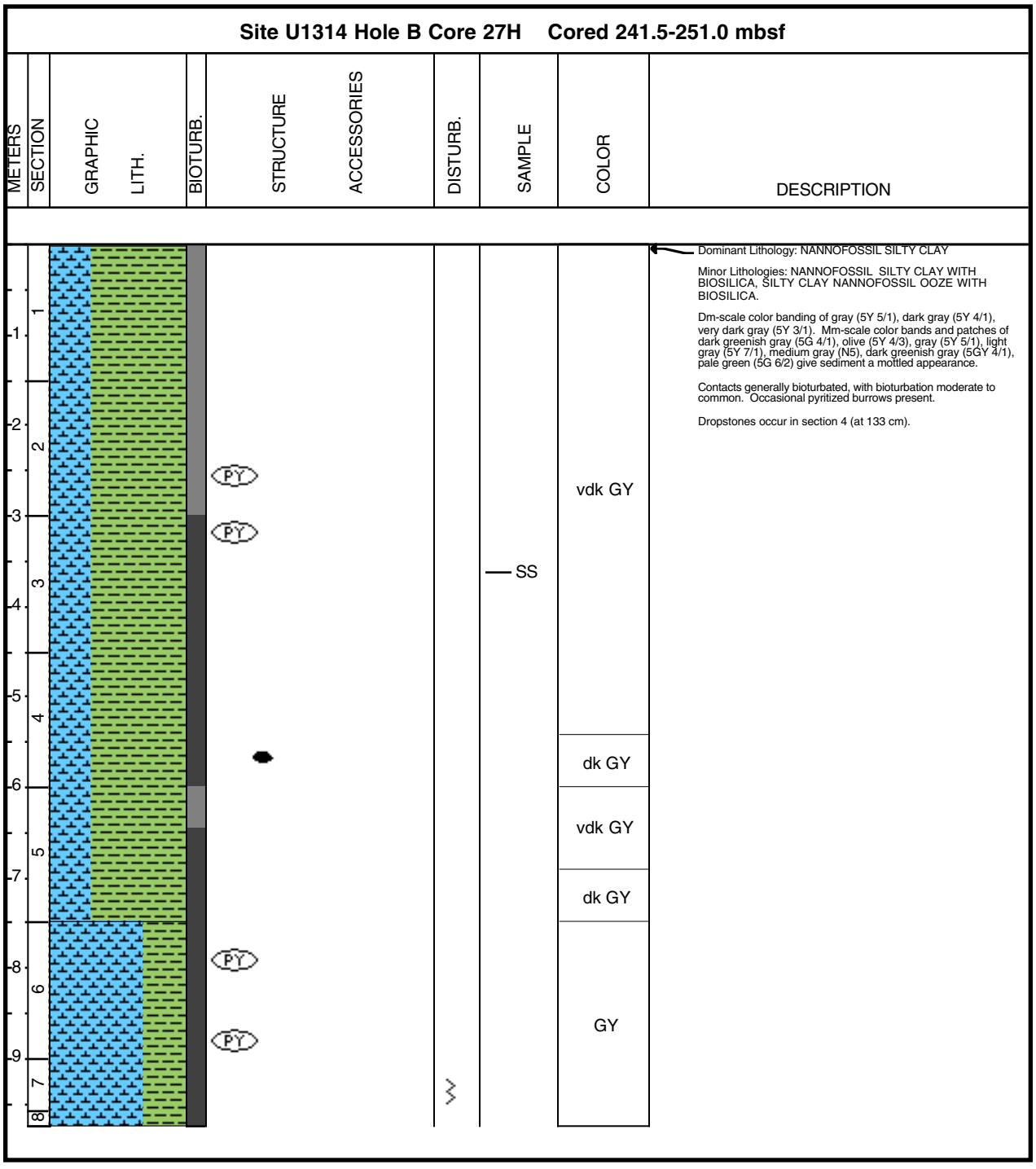
Core Photo


Site U1314 Hole B Core 25H Cored 222.5-232.0 mbsf¡
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
PAL
PY
gn GY
dk GY
vdk GY
dk GY
gn GY
dk GY
vdk GY
Dominant Lithology: SILTY CLAY
Minor Lithology: NANNOFOSSIL SILTY CLAY
Dm-scale color banding of greenish gray (5GY 5/1), dark gray (5Y 4/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate and common.
Dropstones occur in section 2 (at 103 cm), section 3 (at 105 cm), and section 7 (at 28 cm).

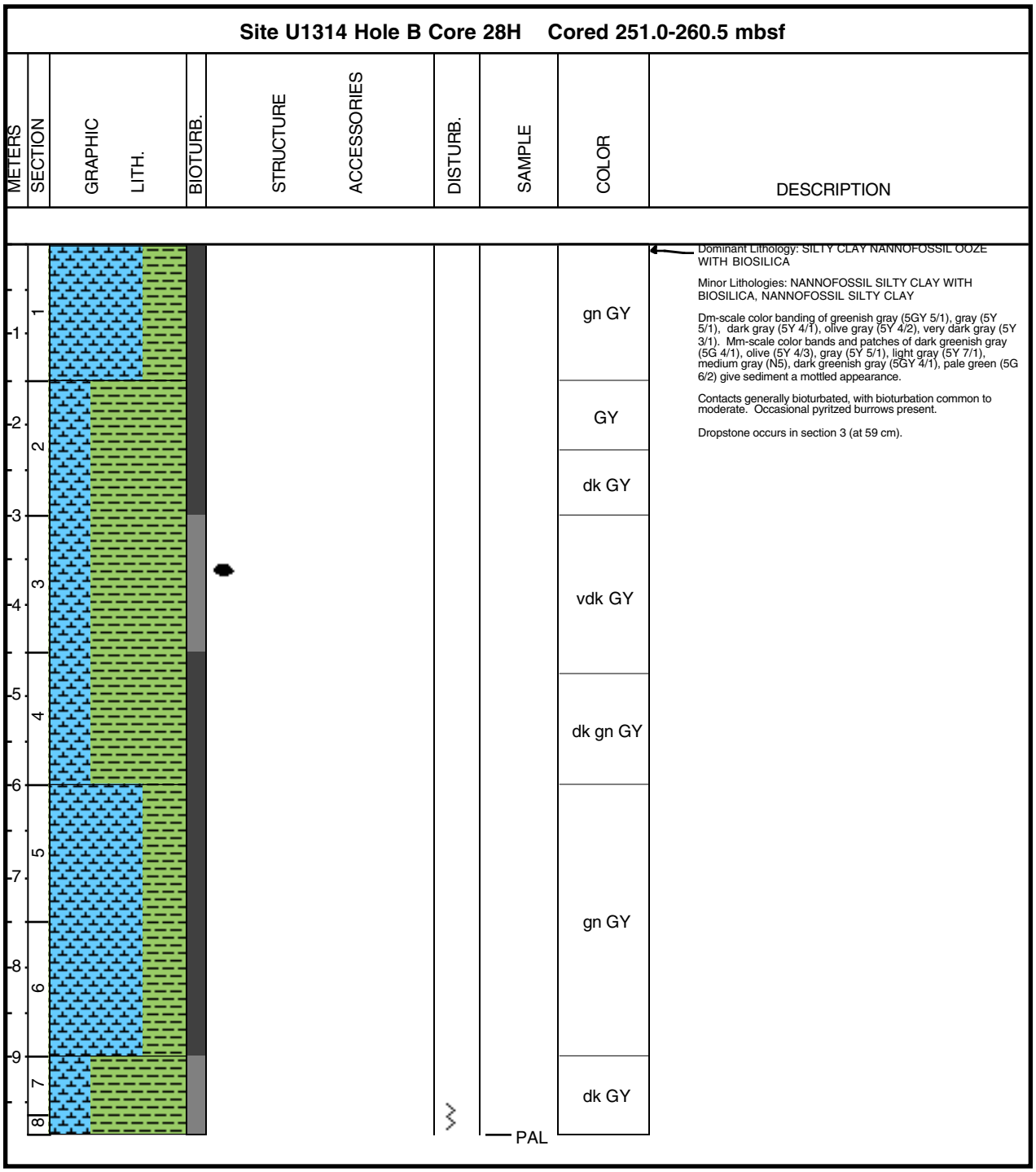
Core Photo


Site U1314 Hole B Core 26H Cored 232.0-241.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
PAL
vdk GY
dk GY
gn GY
GY
vdk GY
Dominant Lithology: BIOSILICEOUS SILTY CLAY
Minor Lithologies: BIOSILICEOUS SILTY CLAY WITH NANNOFOSSILS, SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate.
Dropstones occur in section 7 (at 50 cm).

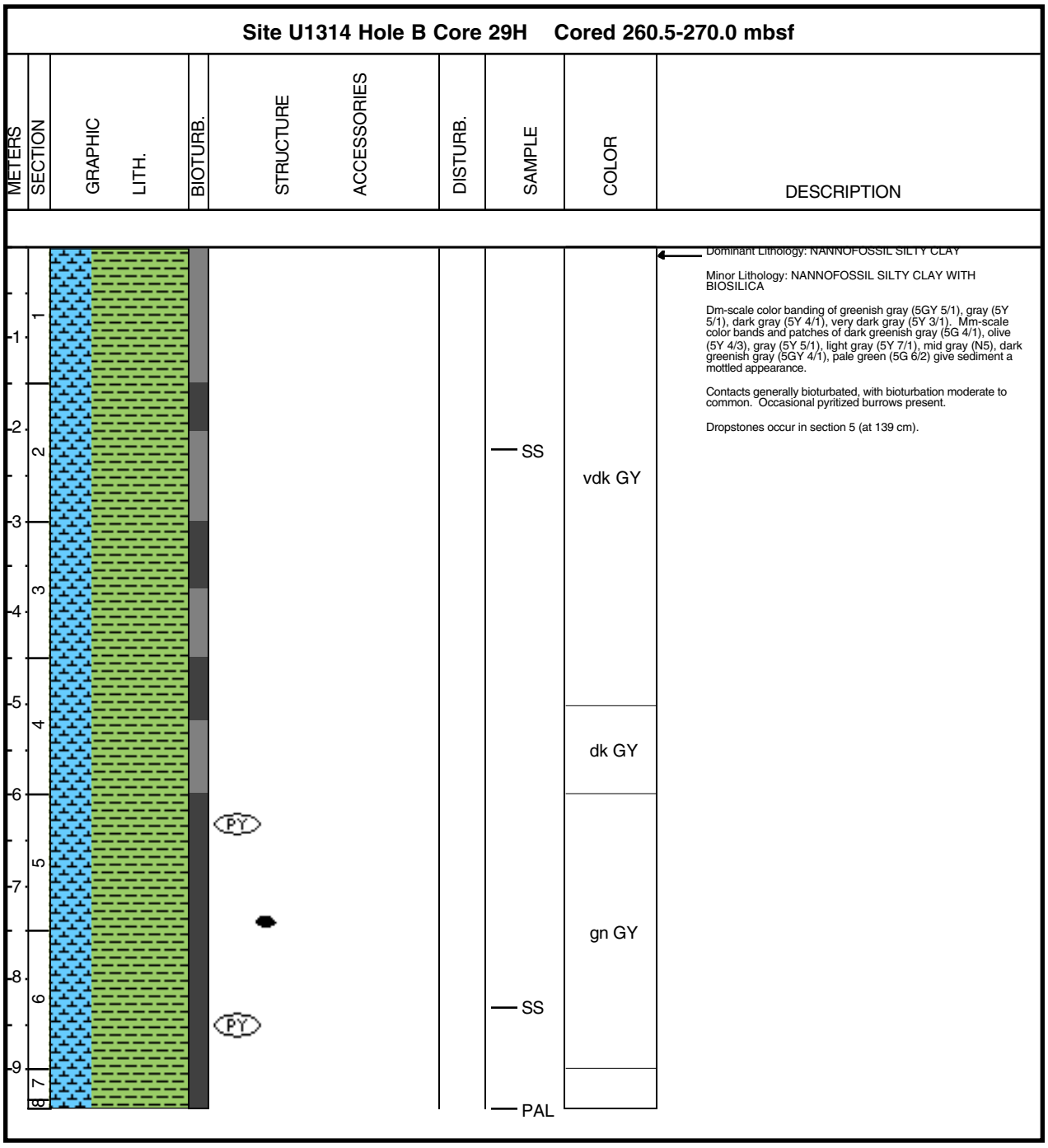
Core Photo


Site U1314 Hole B Core 27H Cored 241.5-251.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithologies: NANNOFOSSIL SILTY CLAY WITH BIOSILICA, SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA.
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common. Occasional pyritized burrows present.
Dropstones occur in section 4 (at 133 cm).
PY
PY
SS
vdk GY
dk GY
vdk GY
dk GY
PY
PY
GY

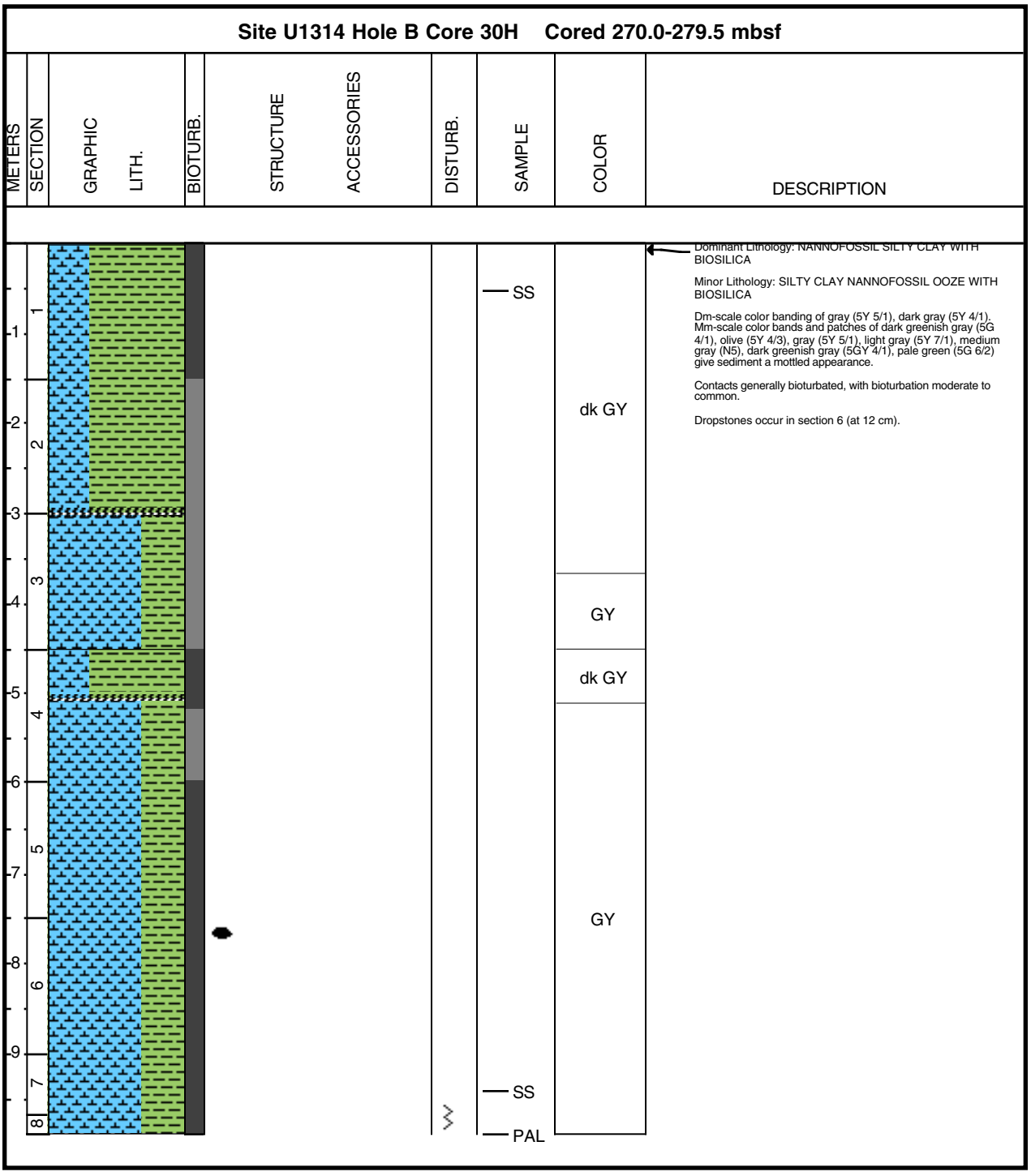
Core Photo


Site U1314 Hole B Core 28H Cored 251.0-260.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
gn GY
GY
dk GY
vdk GY
dk gn GY
gn GY
dk GY
PAL
Dominant Lithology: SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA
Minor Lithologies: NANNOFOSSIL SILTY CLAY WITH BIOSILICA, NANNOFOSSIL SILTY CLAY
Dm-scale color banding of greenish gray (5GY 5/1), gray (5Y 5/1), dark gray (5Y 4/1), olive gray (5Y 4/2), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation common to moderate. Occasional pyritzed burrows present.
Dropstone occurs in section 3 (at 59 cm).

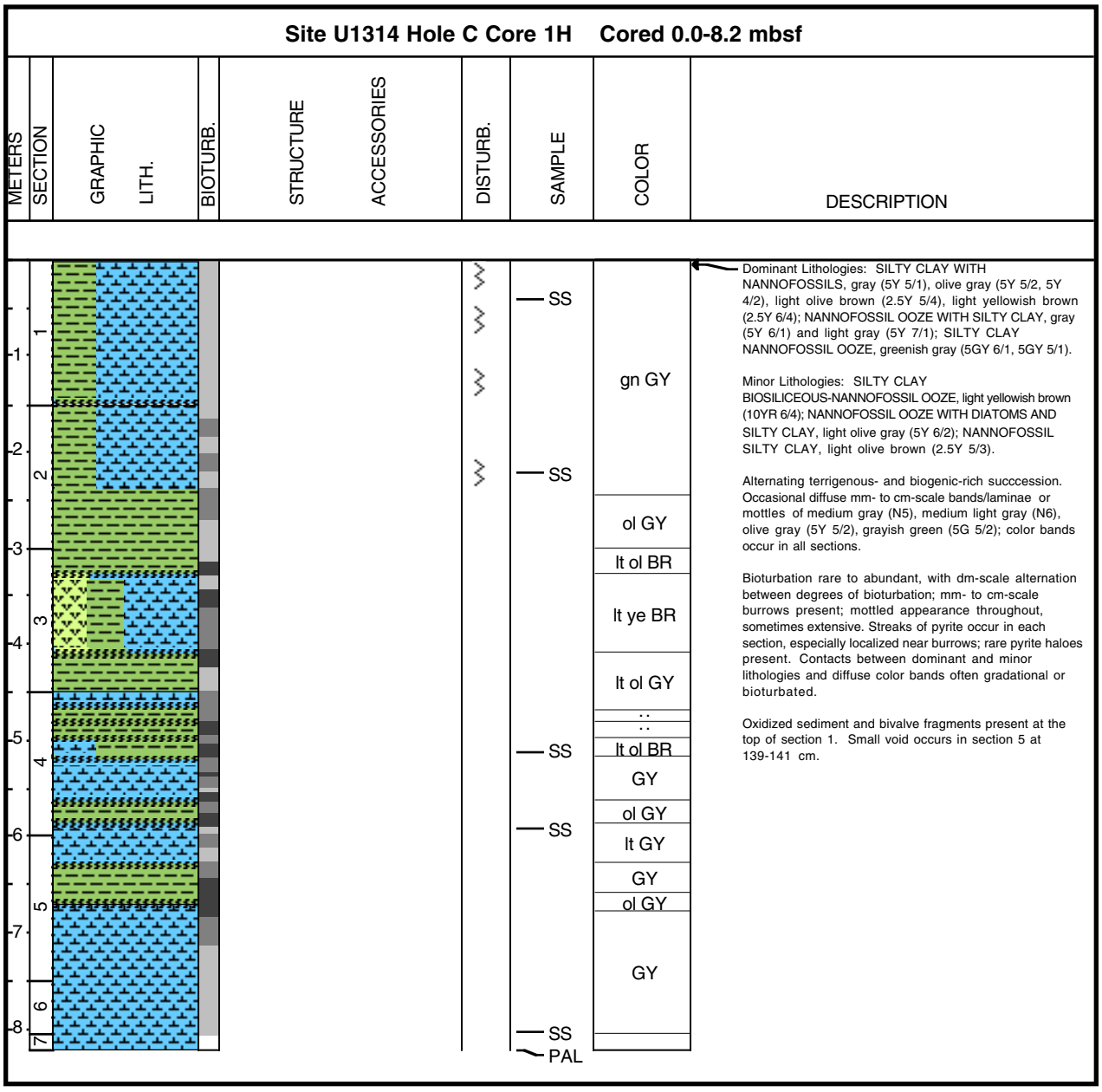
Core Photo


Site U1314 Hole B Core 29H Cored 260.5-270.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithology: NANNOFOSSIL SILTY CLAY WITH BIOSILICA
Dm-scale color banding of greenish gray (5GY 5/1), gray (5Y 5/1), dark gray (5Y 4/1), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), mid gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common. Occasional pyritized burrows present.
Dropstones occur in section 5 (at 139 cm).
SS
SS
PAL
vdk GY
dk GY
gn GY
PY
PY

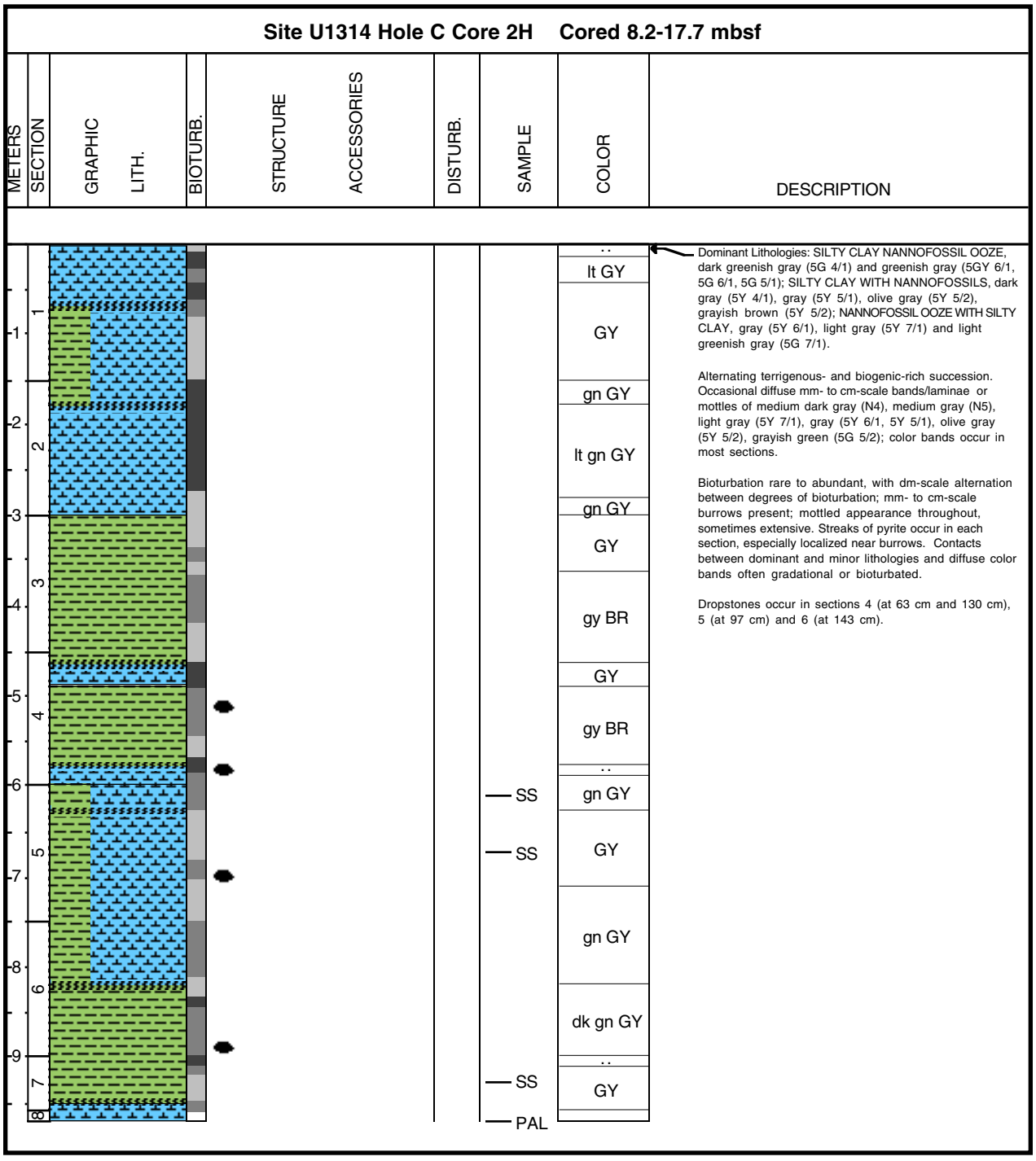
Core Photo


Site U1314 Hole B Core 30H Cored 270.0-279.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: NANNOFOSSIL SILTY CLAY WITH BIOSILICA
Minor Lithology: SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common.
Dropstones occur in section 6 (at 12 cm).
SS
SS
PAL
dk GY
GY
dk GY
GY

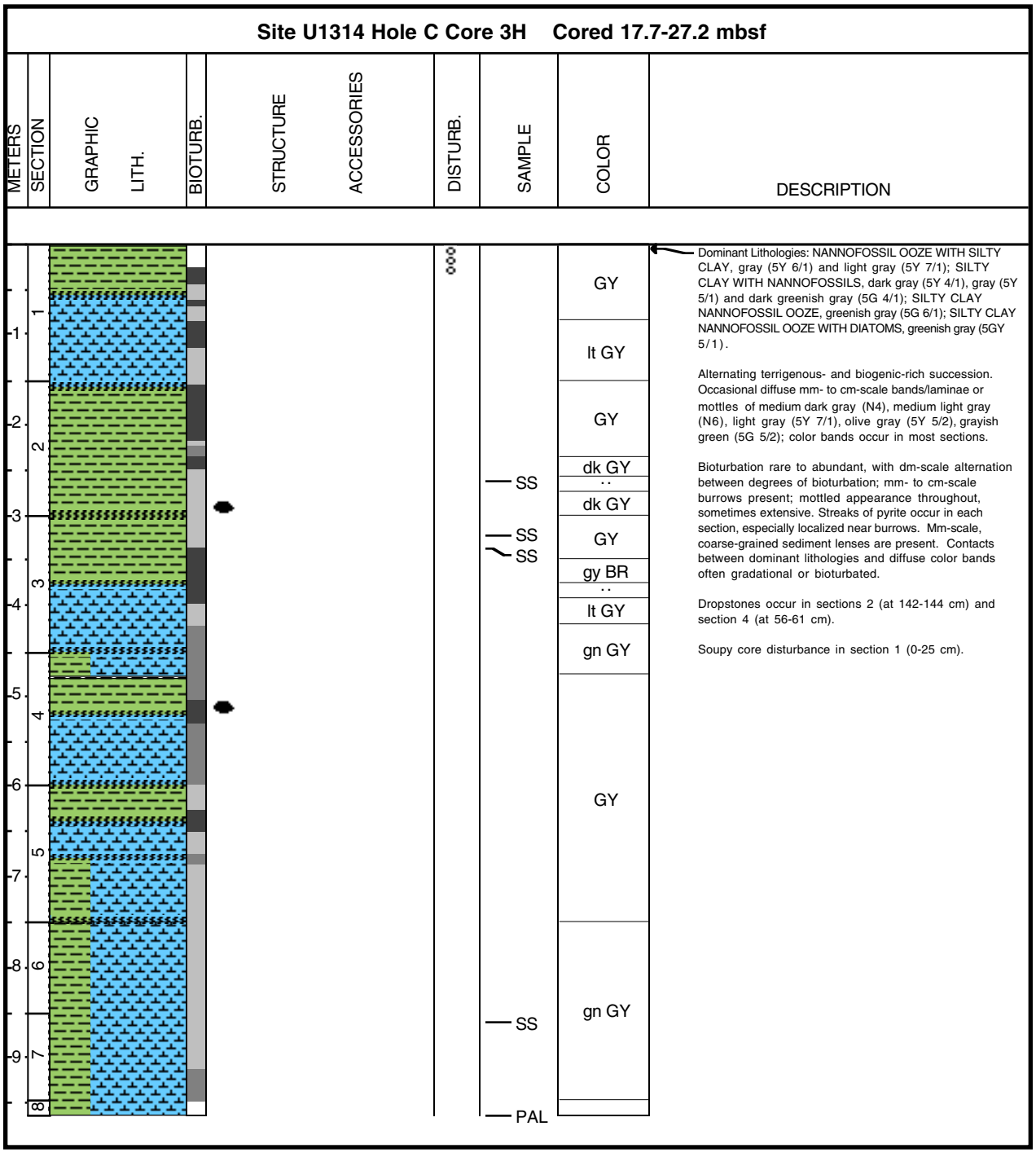
Core Photo


Site U1314 Hole C Core 1H Cored 0.0-8.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
SS
SS
SS
SS
PAL
gn GY
ol GY
lt ol BR
lt ye BR
lt ol GY
lt ol BR
GY
ol GY
lt GY
GY
ol GY
GY
Dominant Lithologies: SILTY CLAY WITH NANNOFOSSILS, gray (5Y 5/1), olive gray (5Y 5/2, 5Y 4/2), light olive brown (2.5Y 5/4), light yellowish brown (2.5Y 6/4); NANNOFOSSIL OOZE WITH SILTY CLAY, gray (5Y 6/1) and light gray (5Y 7/1); SILTY CLAY NANNOFOSSIL OOZE, greenish gray (5GY 6/1, 5GY 5/1).
Minor Lithologies: SILTY CLAY BIOSILICEOUS-NANNOFOSSIL OOZE, light yellowish brown (10YR 6/4); NANNOFOSSIL OOZE WITH DIATOMS AND SILTY CLAY, light olive gray (5Y 6/2); NANNOFOSSIL SILTY CLAY, light olive brown (2.5Y 5/3).
Alternating terrigenous- and biogenic-rich succcession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of medium gray (N5), medium light gray (N6), olive gray (5Y 5/2), grayish green (5G 5/2); color bands occur in all sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance throughout, sometimes extensive. Streaks of pyrite occur in each section, especially localized near burrows; rare pyrite haloes present. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.
Oxidized sediment and bivalve fragments present at the top of section 1. Small void occurs in section 5 at 139-141 cm.

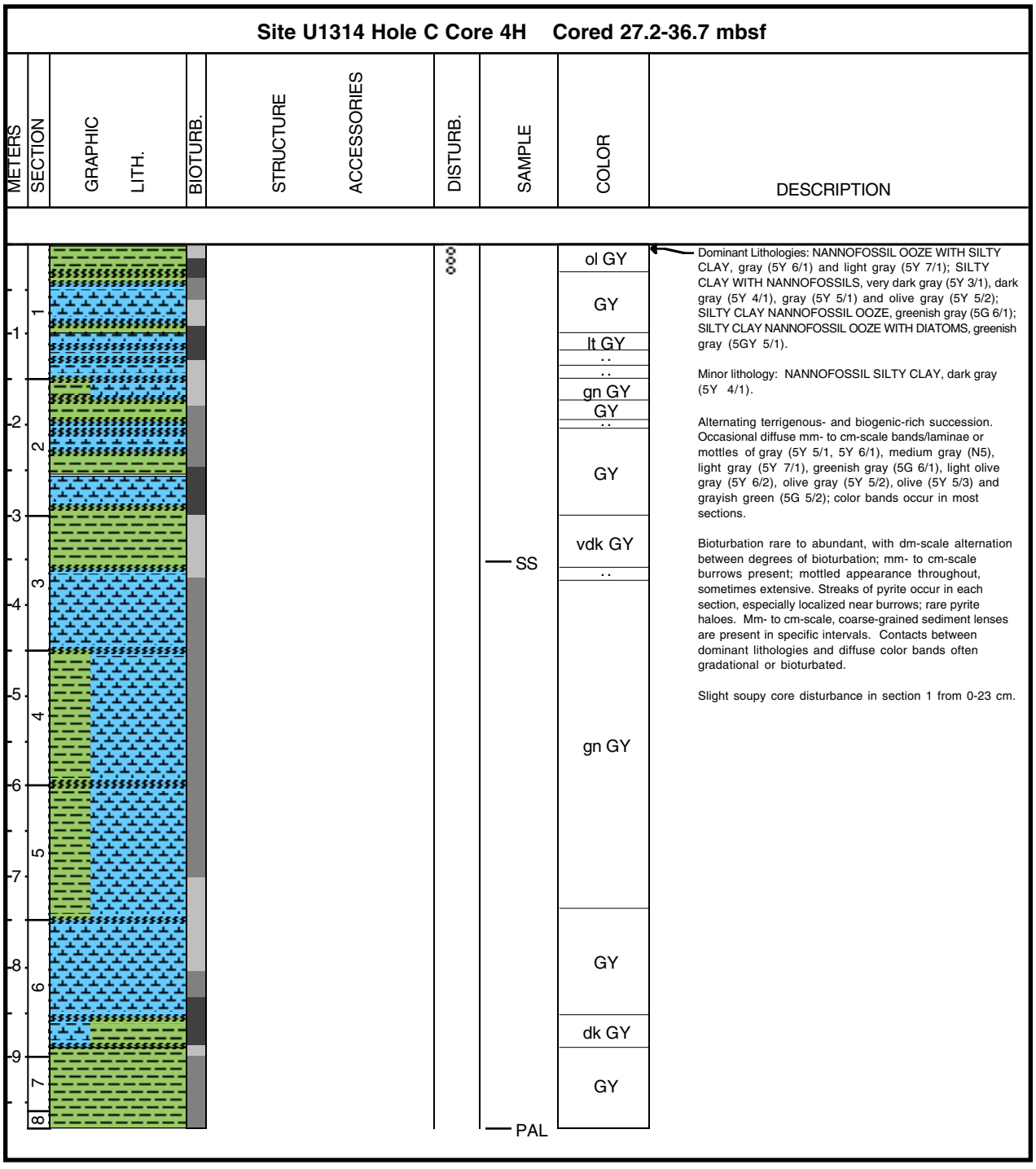
Core Photo


Site U1314 Hole C Core 2H Cored 8.2-17.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
lt GY
GY
gn GY
lt gn GY
gn GY
GY
gy BR
GY
gy BR
gn GY
GY
gn GY
dk gn GY
GY
SS
SS
SS
PAL
Dominant Lithologies: SILTY CLAY NANNOFOSSIL OOZE, dark greenish gray (5G 4/1) and greenish gray (5GY 6/1, 5G 6/1, 5G 5/1); SILTY CLAY WITH NANNOFOSSILS, dark gray (5Y 4/1), gray (5Y 5/1), olive gray (5Y 5/2), grayish brown (5Y 5/2); NANNOFOSSIL OOZE WITH SILTY CLAY, gray (5Y 6/1), light gray (5Y 7/1) and light greenish gray (5G 7/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of medium dark gray (N4), medium gray (N5), light gray (5Y 7/1), gray (5Y 6/1, 5Y 5/1), olive gray (5Y 5/2), grayish green (5G 5/2); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance throughout, sometimes extensive. Streaks of pyrite occur in each section, especially localized near burrows. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.
Dropstones occur in sections 4 (at 63 cm and 130 cm), 5 (at 97 cm) and 6 (at 143 cm).

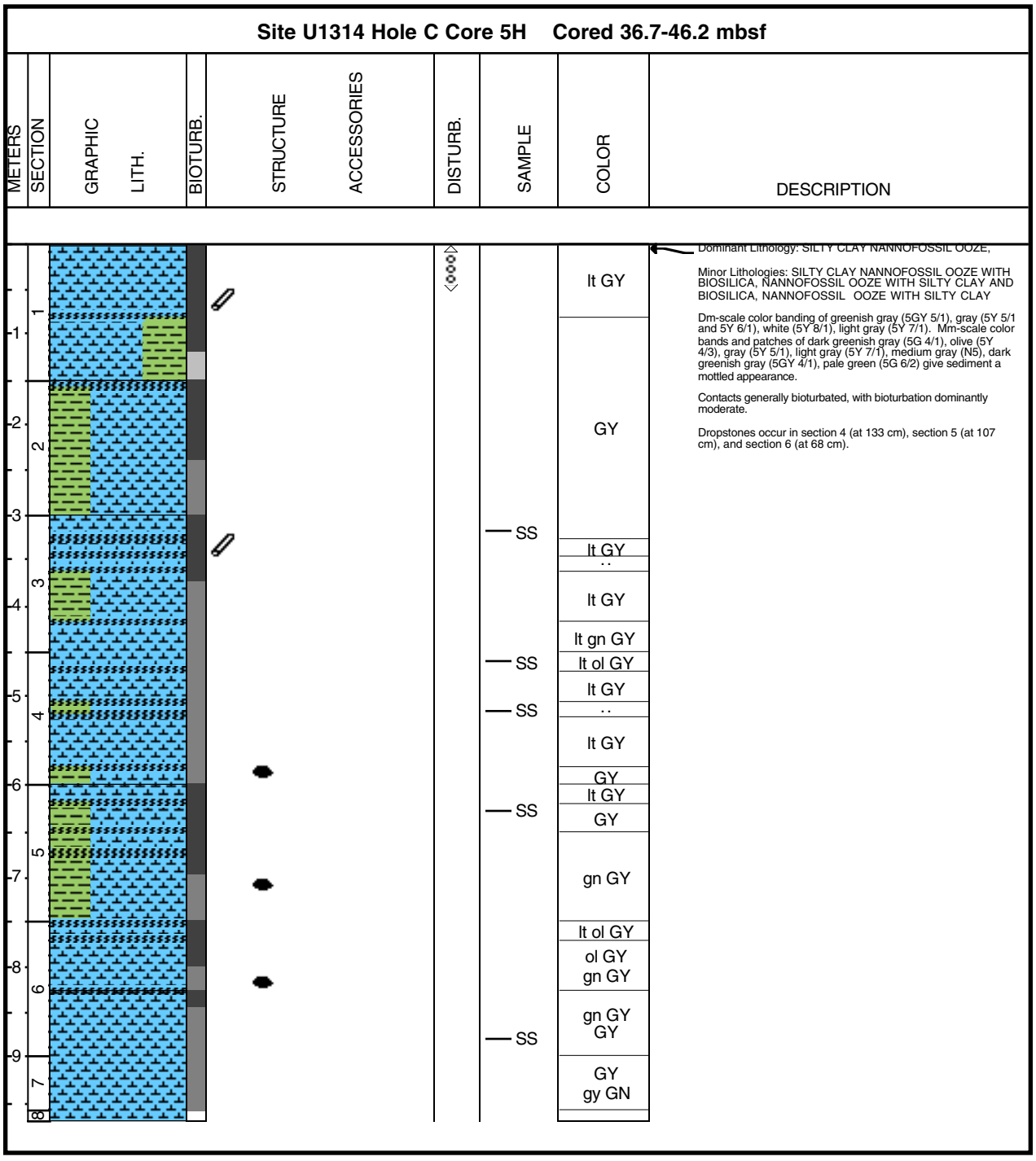
Core Photo


Site U1314 Hole C Core 3H Cored 17.7-27.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
GY
lt GY
GY
dk GY
SS
dk GY
SS
SS
GY
gy BR
lt GY
gn GY
GY
gn GY
SS
PAL
Dominant Lithologies: NANNOFOSSIL OOZE WITH SILTY CLAY, gray (5Y 6/1) and light gray (5Y 7/1); SILTY CLAY WITH NANNOFOSSILS, dark gray (5Y 4/1), gray (5Y 5/1) and dark greenish gray (5G 4/1); SILTY CLAY NANNOFOSSIL OOZE, greenish gray (5G 6/1); SILTY CLAY NANNOFOSSIL OOZE WITH DIATOMS, greenish gray (5GY 5/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of medium dark gray (N4), medium light gray (N6), light gray (5Y 7/1), olive gray (5Y 5/2), grayish green (5G 5/2); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance throughout, sometimes extensive. Streaks of pyrite occur in each section, especially localized near burrows. Mm-scale, coarse-grained sediment lenses are present. Contacts between dominant lithologies and diffuse color bands often gradational or bioturbated.
Dropstones occur in sections 2 (at 142-144 cm) and section 4 (at 56-61 cm).
Soupy core disturbance in section 1 (0-25 cm).

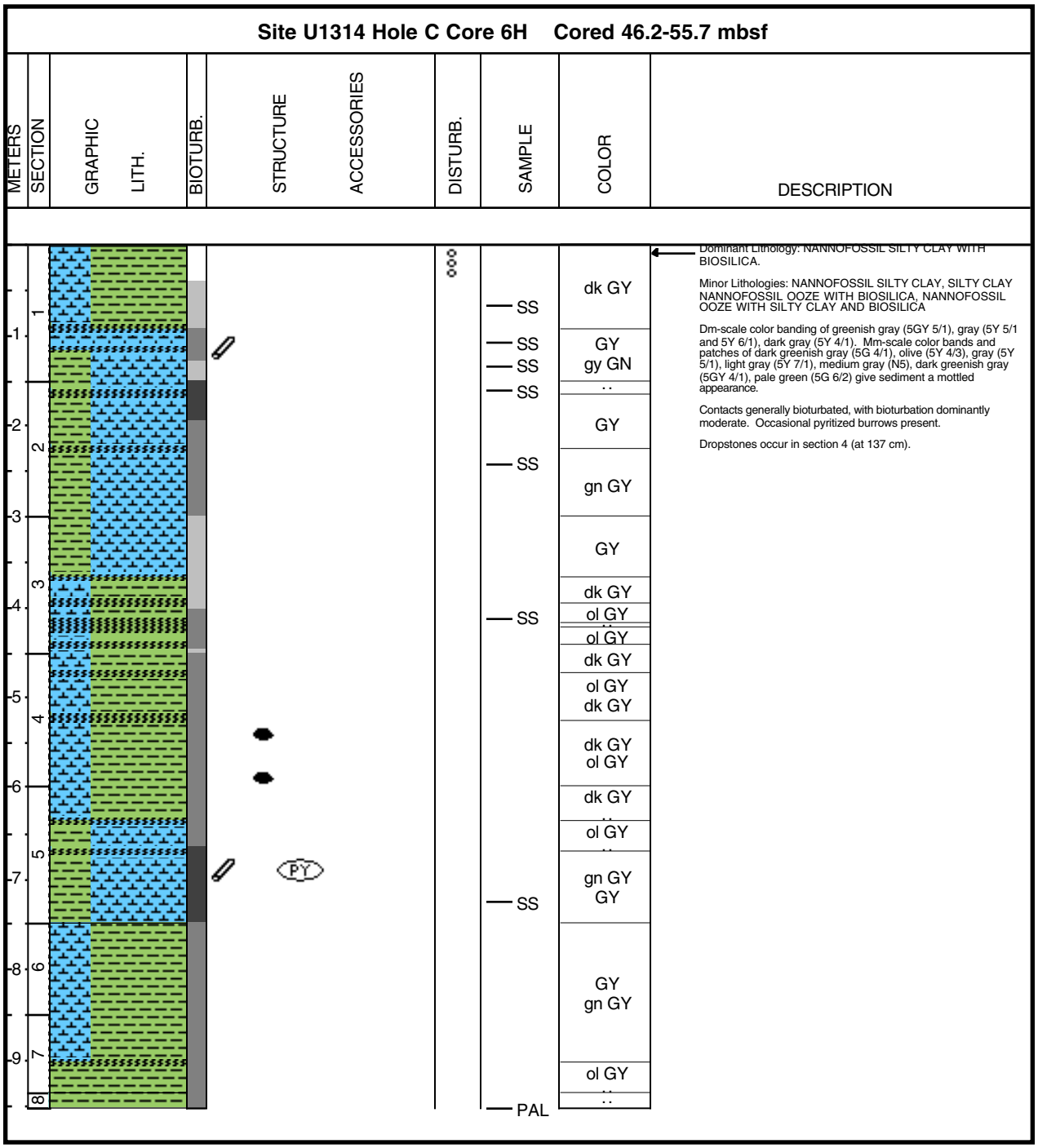
Core Photo


Site U1314 Hole C Core 4H Cored 27.2-36.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
ol GY
GY
lt GY
gn GY
GY
GY
vdk GY
SS
gn GY
GY
dk GY
GY
PAL
Dominant Lithologies: NANNOFOSSIL OOZE WITH SILTY CLAY, gray (5Y 6/1) and light gray (5Y 7/1); SILTY CLAY WITH NANNOFOSSILS, very dark gray (5Y 3/1), dark gray (5Y 4/1), gray (5Y 5/1) and olive gray (5Y 5/2); SILTY CLAY NANNOFOSSIL OOZE, greenish gray (5G 6/1); SILTY CLAY NANNOFOSSIL OOZE WITH DIATOMS, greenish gray (5GY 5/1).
Minor lithology: NANNOFOSSIL SILTY CLAY, dark gray (5Y 4/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of gray (5Y 5/1, 5Y 6/1), medium gray (N5), light gray (5Y 7/1), greenish gray (5G 6/1), light olive gray (5Y 6/2), olive gray (5Y 5/2), olive (5Y 5/3) and grayish green (5G 5/2); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance throughout, sometimes extensive. Streaks of pyrite occur in each section, especially localized near burrows; rare pyrite haloes. Mm- to cm-scale, coarse-grained sediment lenses are present in specific intervals. Contacts between dominant lithologies and diffuse color bands often gradational or bioturbated.
Slight soupy core disturbance in section 1 from 0-23 cm.

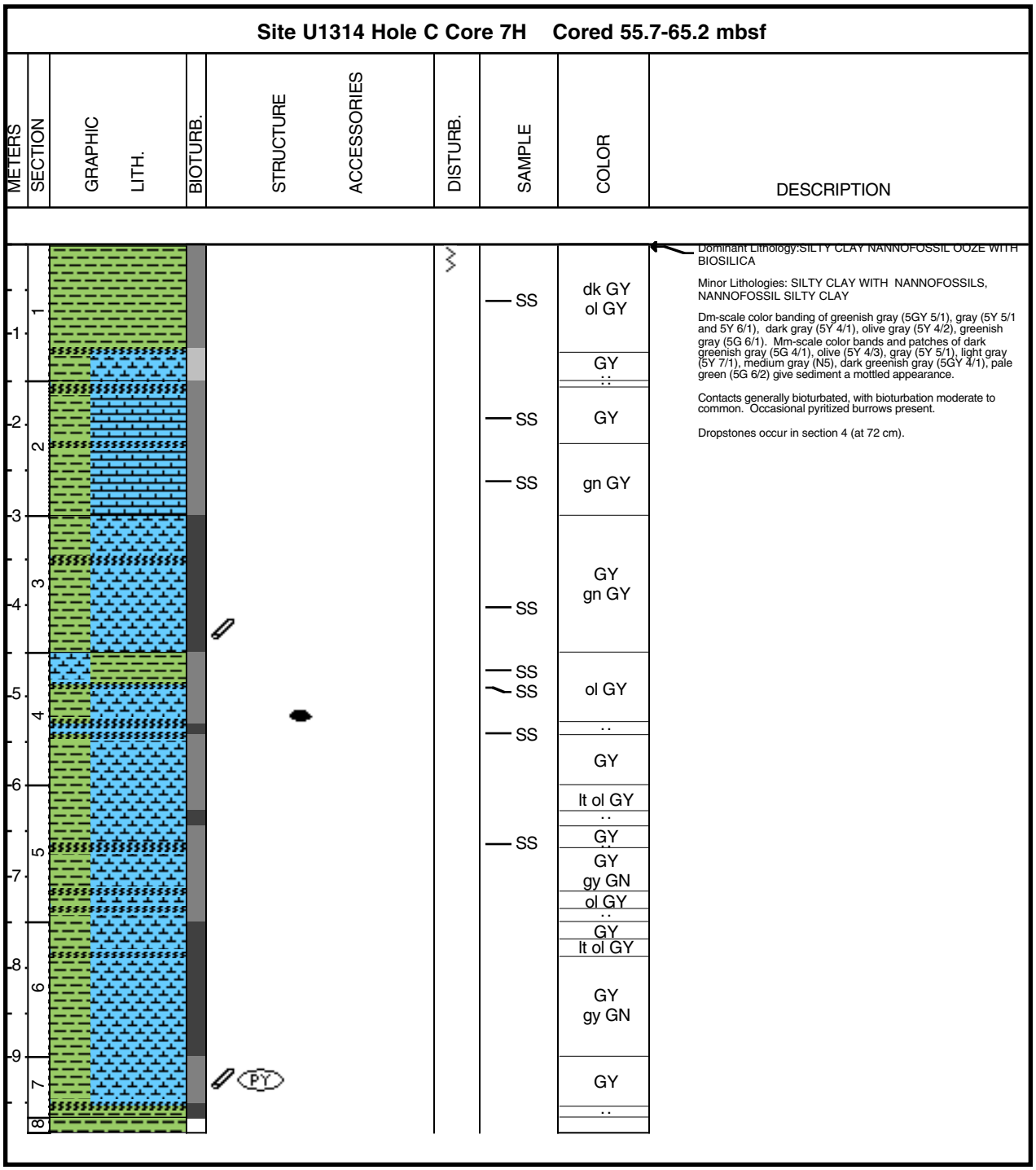
Core Photo


Site U1314 Hole C Core 5H Cored 36.7-46.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: SILTY CLAY NANNOFOSSIL OOZE;
Minor Lithologies: SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA, NANNOFOSSIL OOZE WITH SILTY CLAY AND BIOSILICA, NANNOFOSSIL OOZE WITH SILTY CLAY
Dm-scale color banding of greenish gray (5GY 5/1), gray (5Y 5/1 and 5Y 6/1), white (5Y 8/1), light gray (5Y 7/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate.
Dropstones occur in section 4 (at 133 cm), section 5 (at 107 cm), and section 6 (at 68 cm).
lt GY
GY
SS
lt GY
lt GY
lt gn GY
SS
lt ol GY
lt GY
SS
lt GY
GY
lt GY
SS
GY
gn GY
lt ol GY
ol GY
gn GY
gn GY
GY
SS
GY
gy GN

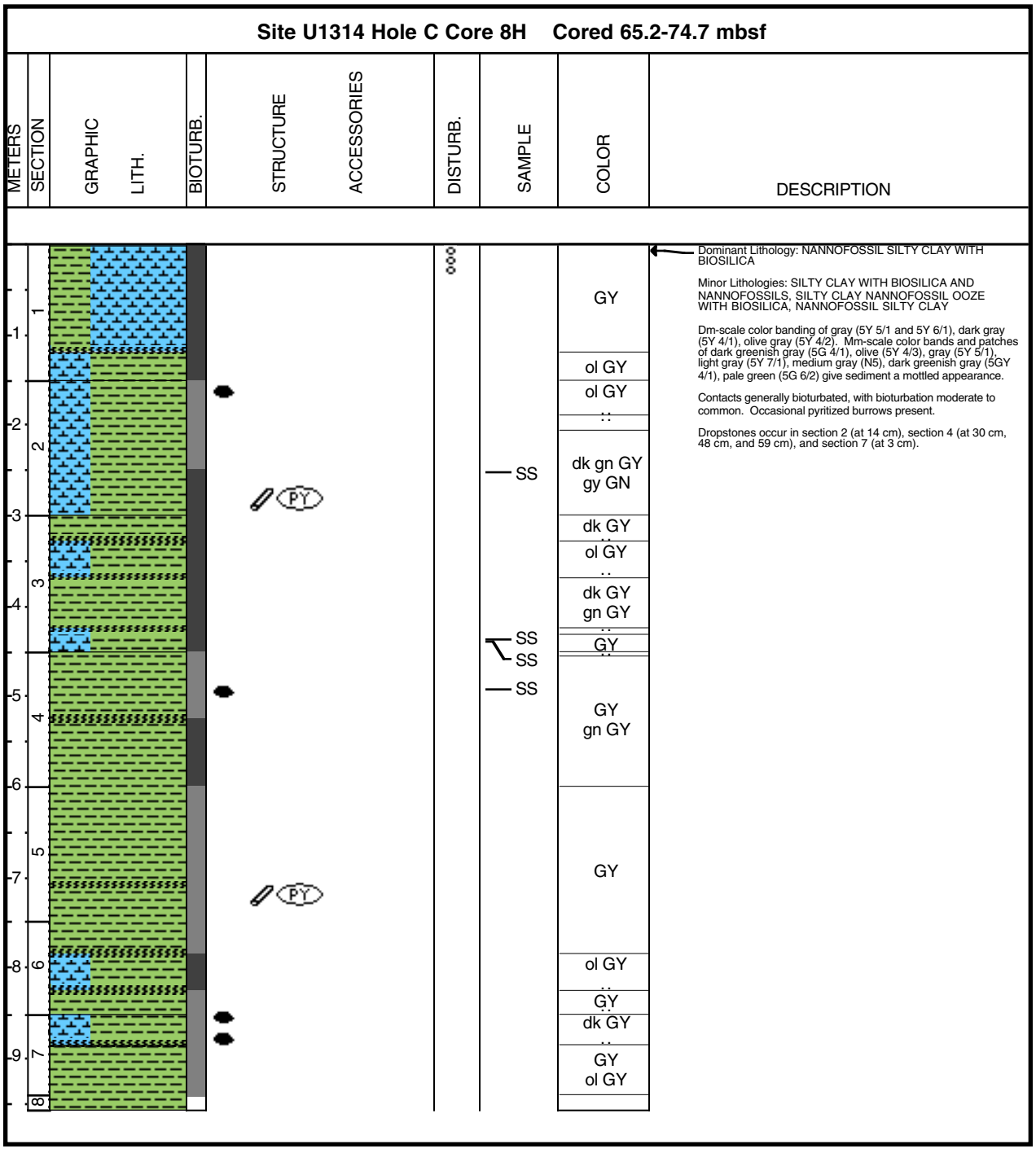
Core Photo


Site U1314 Hole C Core 6H Cored 46.2-55.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
PAL
PY
dk GY
GY
gy GN
gn GY
ol GY
Dominant Lithology: NANNOFOSSIL SILTY CLAY WITH BIOSILICA.
Minor Lithologies: NANNOFOSSIL SILTY CLAY, SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA, NANNOFOSSIL OOZE WITH SILTY CLAY AND BIOSILICA
Dm-scale color banding of greenish gray (5GY 5/1), gray (5Y 5/1 and 5Y 6/1), dark gray (5Y 4/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate. Occasional pyritized burrows present.
Dropstones occur in section 4 (at 137 cm).

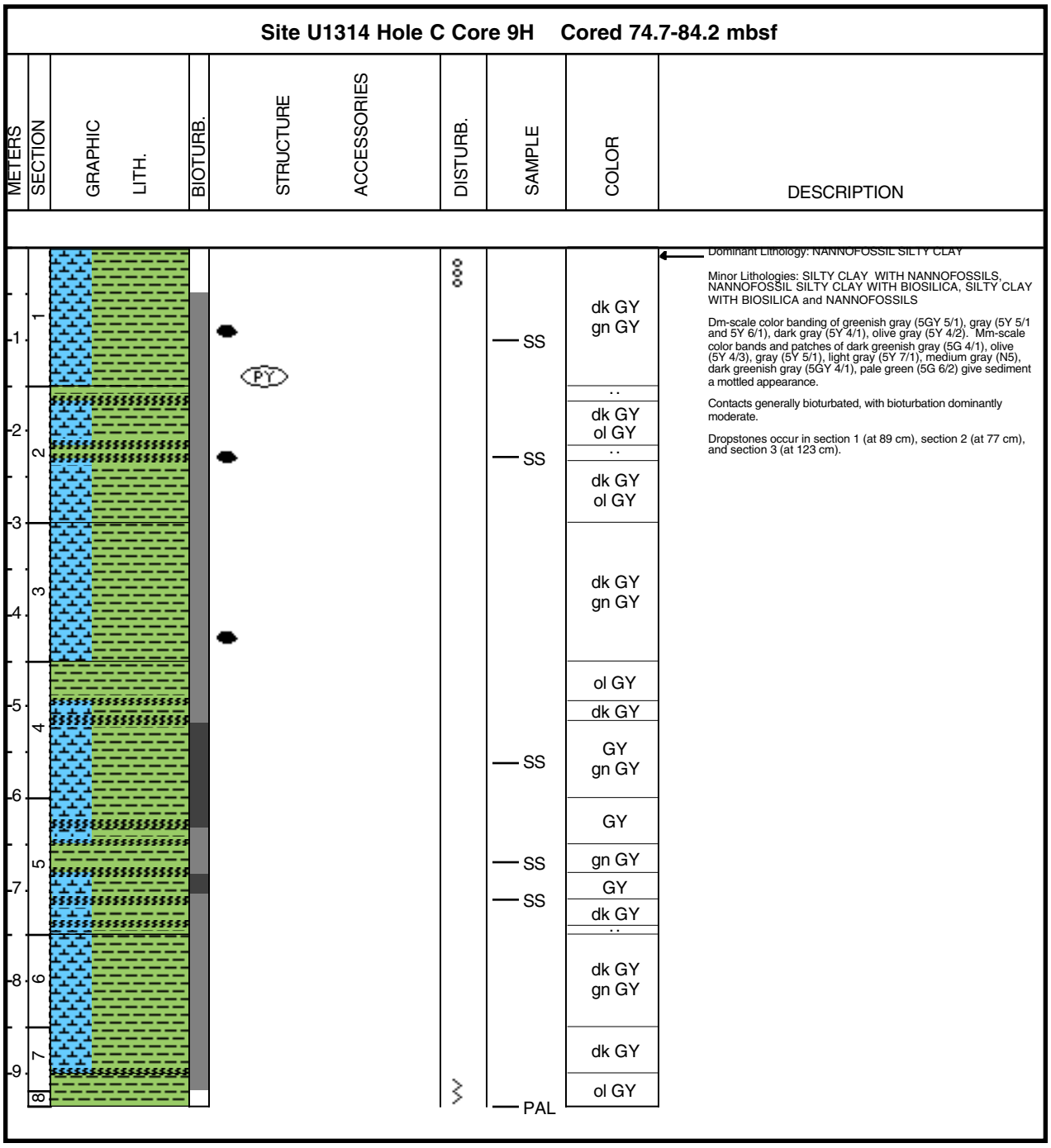
Core Photo


Site U1314 Hole C Core 7H Cored 55.7-65.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology:SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA
Minor Lithologies: SILTY CLAY WITH NANNOFOSSILS, NANNOFOSSIL SILTY CLAY
Dm-scale color banding of greenish gray (5GY 5/1), gray (5Y 5/1 and 5Y 6/1), dark gray (5Y 4/1), olive gray (5Y 4/2), greenish gray (5G 6/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common. Occasional pyritized burrows present.
Dropstones occur in section 4 (at 72 cm).
SS
dk GY
ol GY
GY
GY
gn GY
GY
gn GY
ol GY
GY
lt ol GY
GY
GY
gy GN
ol GY
GY
lt ol GY
GY
gy GN
GY
PY

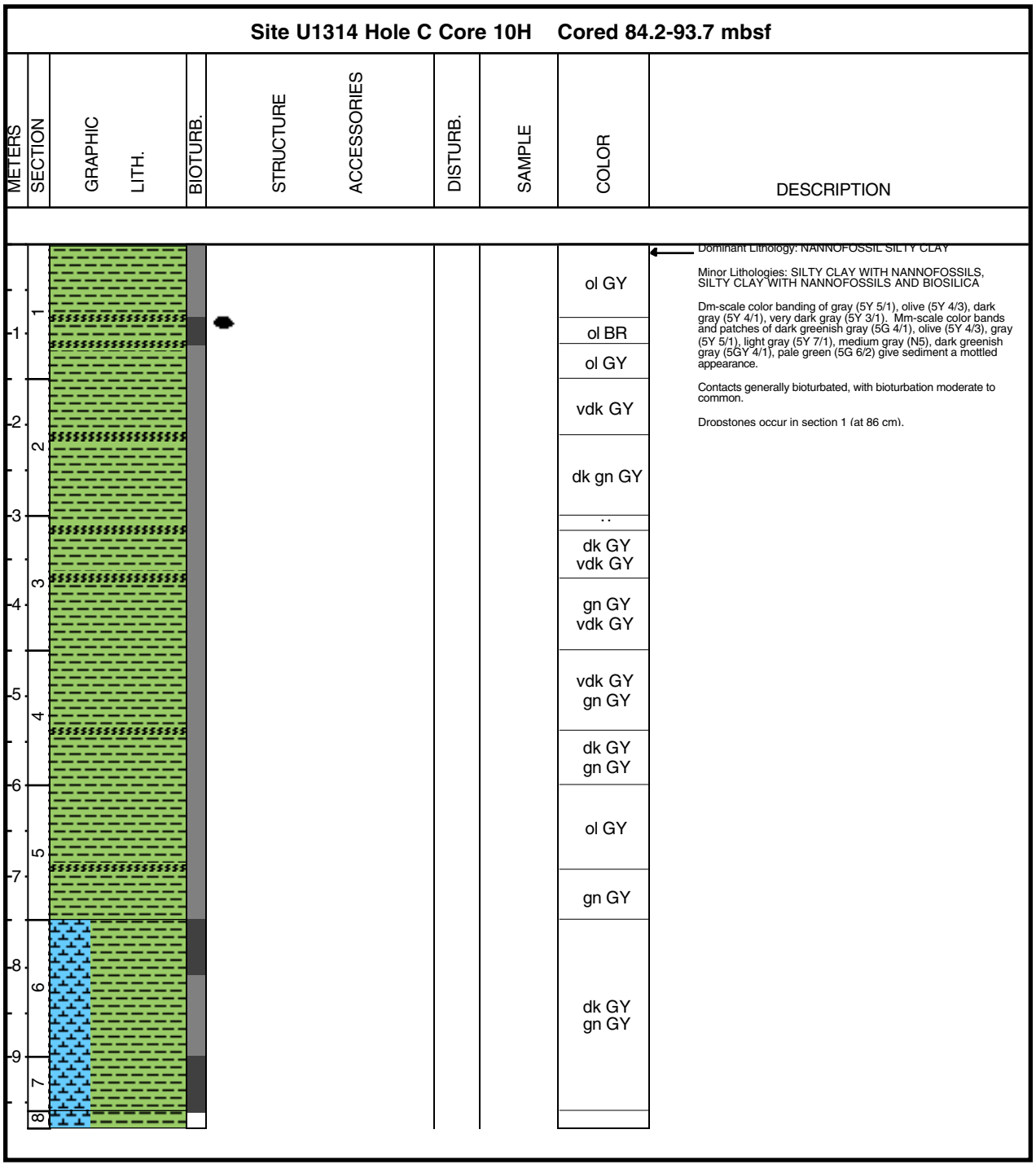
Core Photo


Site U1314 Hole C Core 8H Cored 65.2-74.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
PY
PY
SS
SS
SS
SS
GY
ol GY
ol GY
dk gn GY
gy GN
dk GY
ol GY
dk GY
gn GY
GY
GY
gn GY
GY
ol GY
GY
dk GY
GY
ol GY
Dominant Lithology: NANNOFOSSIL SILTY CLAY WITH BIOSILICA
Minor Lithologies: SILTY CLAY WITH BIOSILICA AND NANNOFOSSILS, SILTY CLAY NANNOFOSSIL OOZE WITH BIOSILICA, NANNOFOSSIL SILTY CLAY
Dm-scale color banding of gray (5Y 5/1 and 5Y 6/1), dark gray (5Y 4/1), olive gray (5Y 4/2). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common. Occasional pyritized burrows present.
Dropstones occur in section 2 (at 14 cm), section 4 (at 30 cm, 48 cm, and 59 cm), and section 7 (at 3 cm).

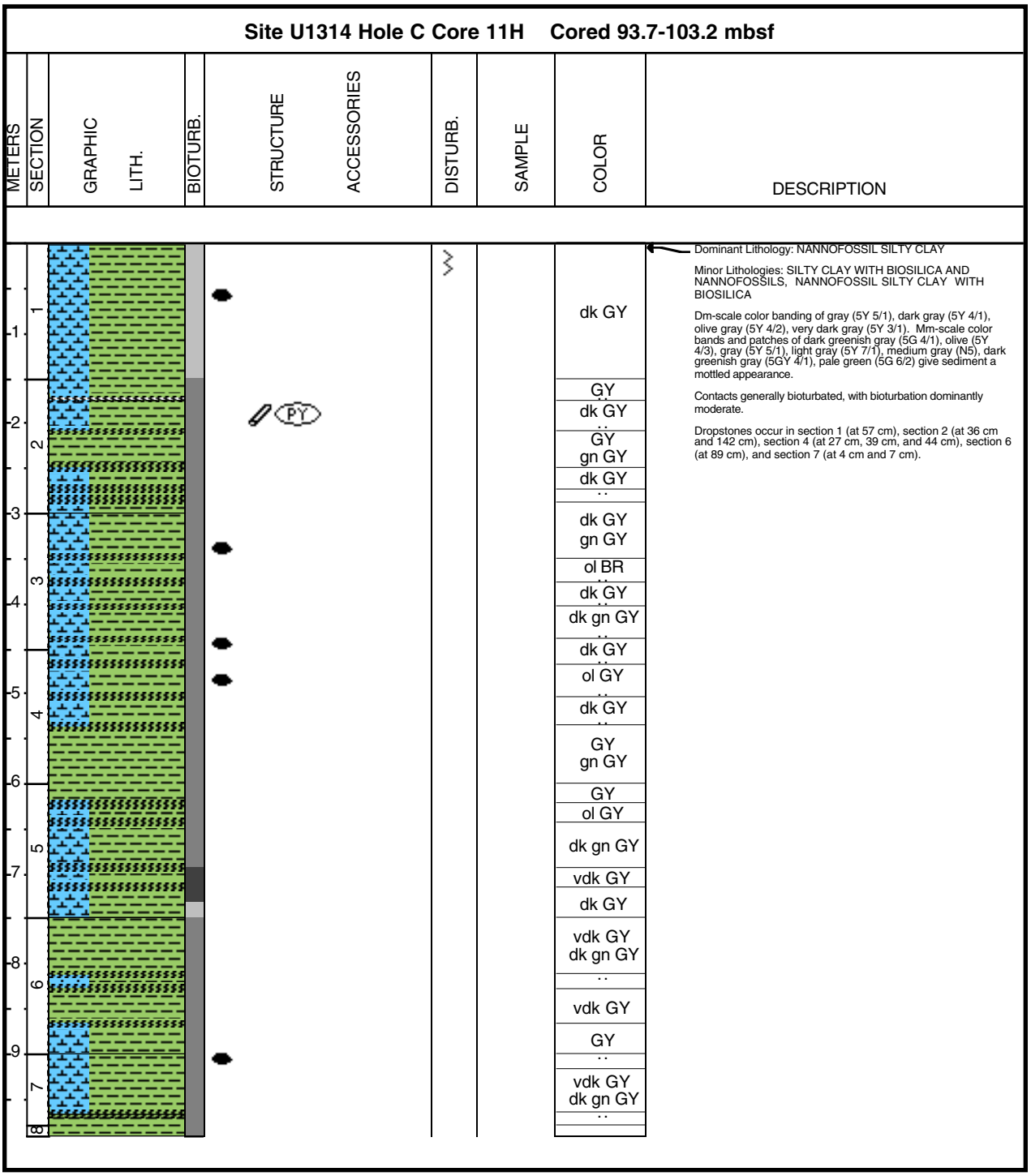
Core Photo


Site U1314 Hole C Core 9H Cored 74.7-84.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
PY
SS
SS
SS
SS
PAL
dk GY gn GY
dk GY ol GY
dk GY ol GY
dk GY gn GY
ol GY
dk GY
GY gn GY
GY
gn GY
GY
dk GY
dk GY gn GY
dk GY
ol GY
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithologies: SILTY CLAY WITH NANNOFOSSILS, NANNOFOSSIL SILTY CLAY WITH BIOSILICA, SILTY CLAY WITH BIOSILICA and NANNOFOSSILS
Dm-scale color banding of greenish gray (5GY 5/1), gray (5Y 5/1 and 5Y 6/1), dark gray (5Y 4/1), olive gray (5Y 4/2). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate.
Dropstones occur in section 1 (at 89 cm), section 2 (at 77 cm), and section 3 (at 123 cm).

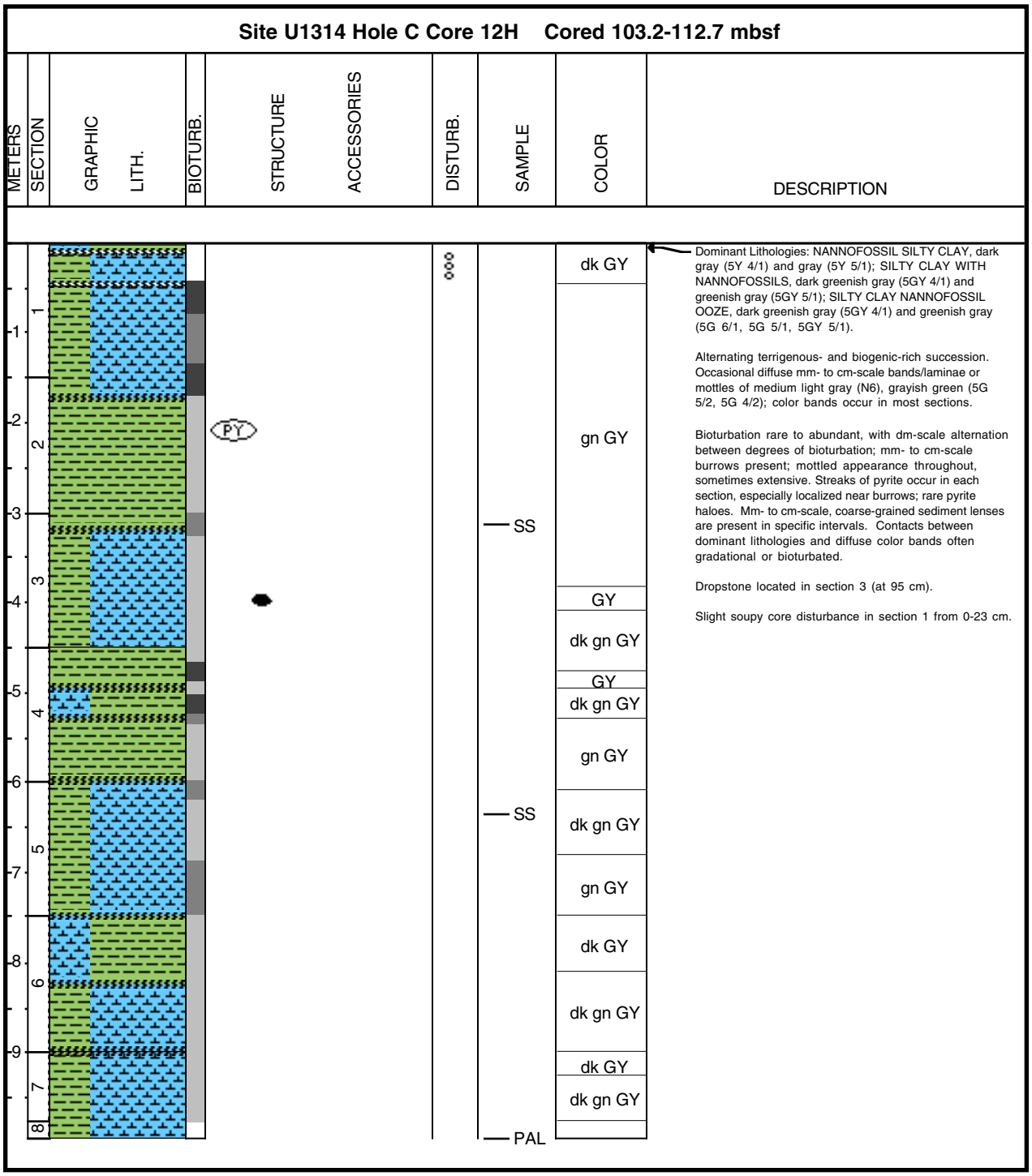
Core Photo


Site U1314 Hole C Core 10H Cored 84.2-93.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithologies: SILTY CLAY WITH NANNOFOSSILS, SILTY CLAY WITH NANNOFOSSILS AND BIOSILICA
Dm-scale color banding of gray (5Y 5/1), olive (5Y 4/3), dark gray (5Y 4/1), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common.
Drop stones occur in section 1 (at 86 cm).
ol GY
ol BR
ol GY
vdk GY
dk gn GY
dk GY
vdk GY
gn GY
vdk GY
vdk GY
gn GY
dk GY
gn GY
ol GY
gn GY
dk GY
gn GY

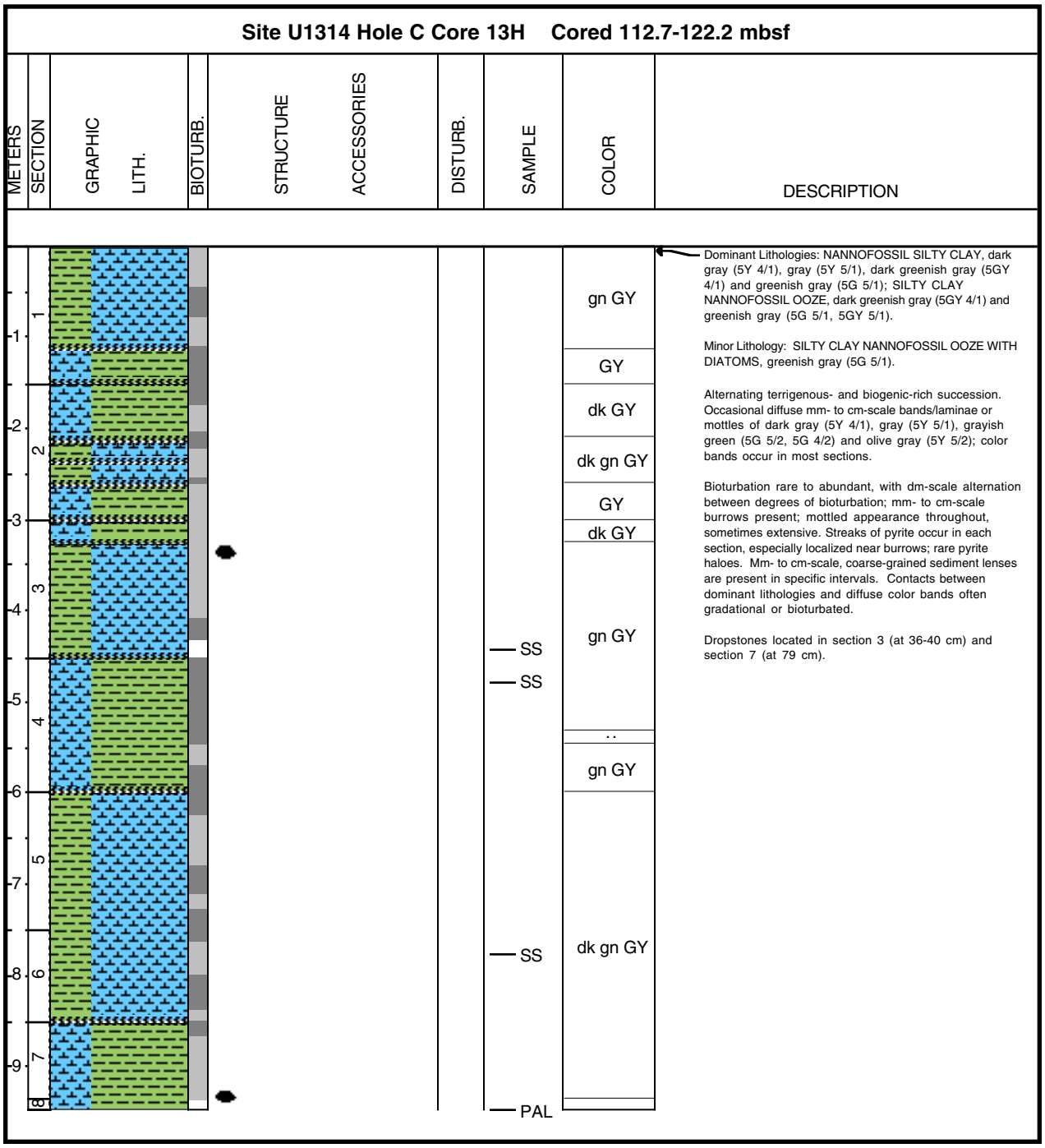
Core Photo


Site U1314 Hole C Core 11H Cored 93.7-103.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
PY
dk GY
GY
dk GY
GY
gn GY
dk GY
dk GY
gn GY
ol BR
dk GY
dk gn GY
dk GY
ol GY
dk GY
GY
gn GY
GY
ol GY
dk gn GY
vdk GY
dk GY
vdk GY
dk gn GY
vdk GY
GY
vdk GY
dk gn GY
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithologies: SILTY CLAY WITH BIOSILICA AND NANNOFOSSILS, NANNOFOSSIL SILTY CLAY WITH BIOSILICA
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1), olive gray (5Y 4/2), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate.
Dropstones occur in section 1 (at 57 cm), section 2 (at 36 cm and 142 cm), section 4 (at 27 cm, 39 cm, and 44 cm), section 6 (at 89 cm), and section 7 (at 4 cm and 7 cm).

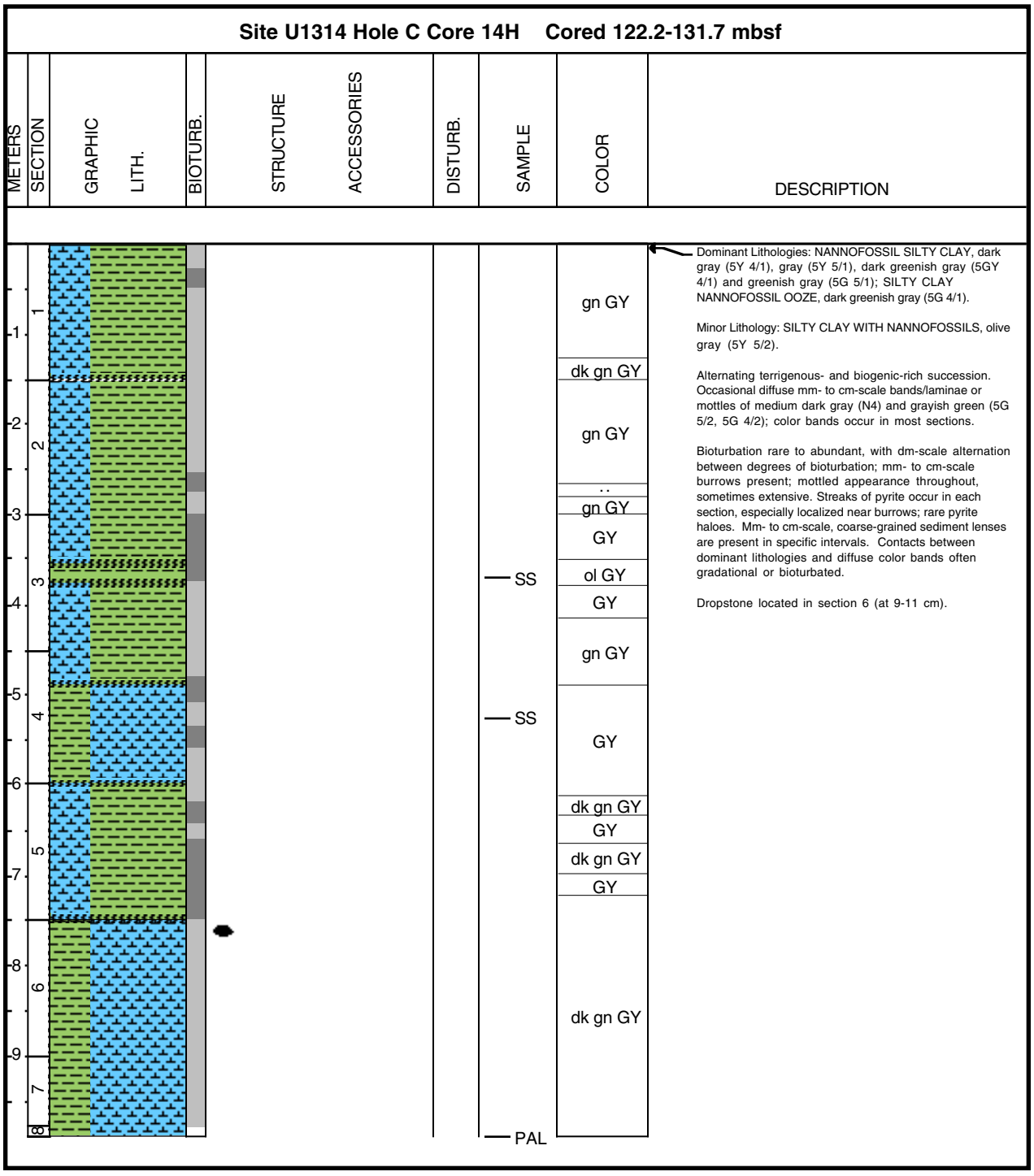
Core Photo


Site U1314 Hole C Core 12H Cored 103.2-112.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
PY
SS
SS
PAL
dk GY
gn GY
GY
dk gn GY
GY
dk gn GY
gn GY
dk gn GY
gn GY
dk GY
dk gn GY
dk GY
dk gn GY
Dominant Lithologies: NANNOFOSSIL SILTY CLAY, dark gray (5Y 4/1) and gray (5Y 5/1); SILTY CLAY WITH NANNOFOSSILS, dark greenish gray (5GY 4/1) and greenish gray (5GY 5/1); SILTY CLAY NANNOFOSSIL OOZE, dark greenish gray (5GY 4/1) and greenish gray (5G 6/1, 5G 5/1, 5GY 5/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of medium light gray (N6), grayish green (5G 5/2, 5G 4/2); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance throughout, sometimes extensive. Streaks of pyrite occur in each section, especially localized near burrows; rare pyrite haloes. Mm- to cm-scale, coarse-grained sediment lenses are present in specific intervals. Contacts between dominant lithologies and diffuse color bands often gradational or bioturbated.
Dropstone located in section 3 (at 95 cm).
Slight soupy core disturbance in section 1 from 0-23 cm.

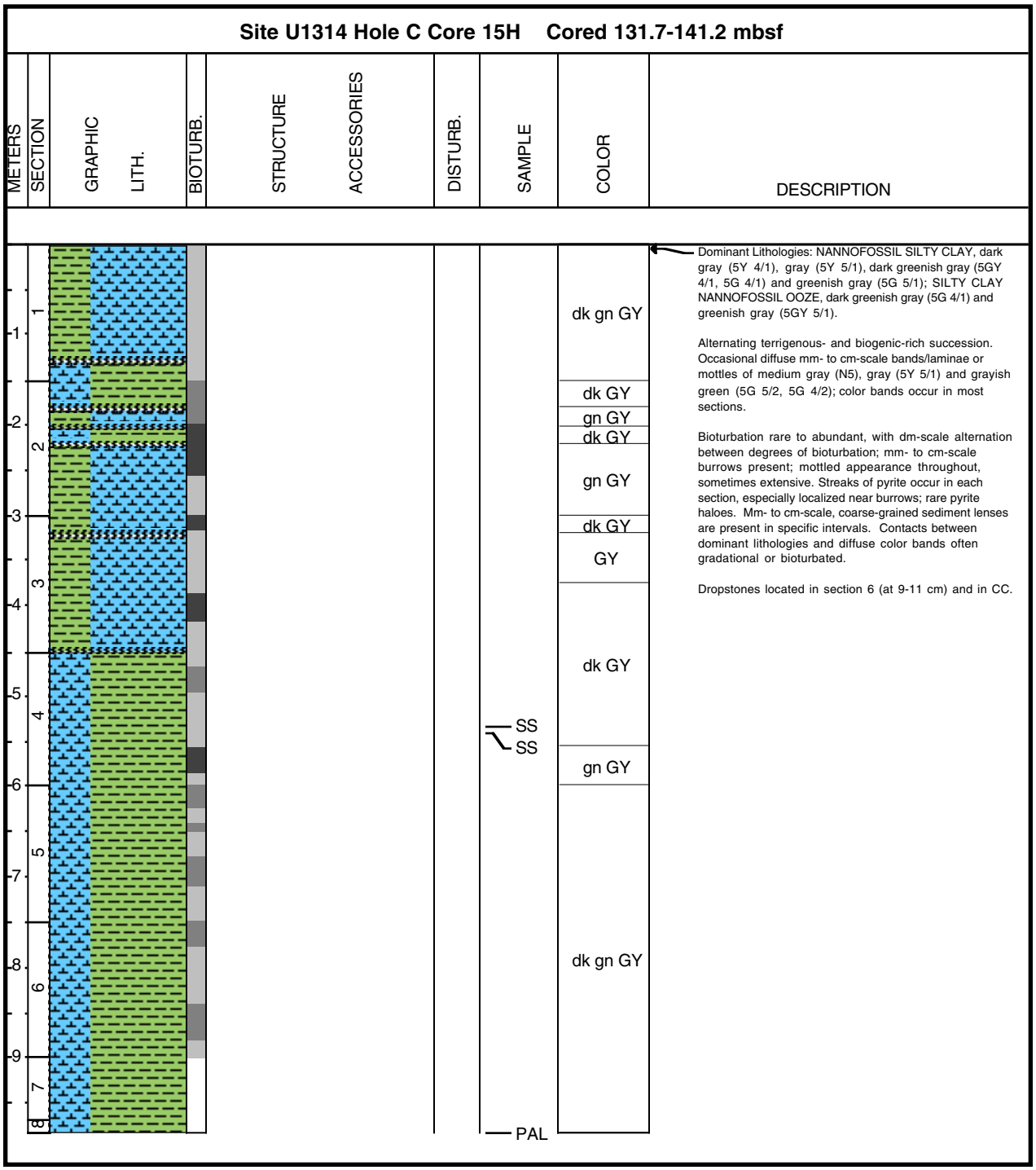
Core Photo


Site U1314 Hole C Core 13H Cored 112.7-122.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
gn GY
GY
dk GY
dk gn GY
GY
dk GY
gn GY
gn GY
dk gn GY
SS
SS
SS
PAL
Dominant Lithologies: NANNOFOSSIL SILTY CLAY, dark gray (5Y 4/1), gray (5Y 5/1), dark greenish gray (5GY 4/1) and greenish gray (5G 5/1); SILTY CLAY NANNOFOSSIL OOZE, dark greenish gray (5GY 4/1) and greenish gray (5G 5/1, 5GY 5/1).
Minor Lithology: SILTY CLAY NANNOFOSSIL OOZE WITH DIATOMS, greenish gray (5G 5/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of dark gray (5Y 4/1), gray (5Y 5/1), grayish green (5G 5/2, 5G 4/2) and olive gray (5Y 5/2); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance throughout, sometimes extensive. Streaks of pyrite occur in each section, especially localized near burrows; rare pyrite haloes. Mm- to cm-scale, coarse-grained sediment lenses are present in specific intervals. Contacts between dominant lithologies and diffuse color bands often gradational or bioturbated.
Dropstones located in section 3 (at 36-40 cm) and section 7 (at 79 cm).

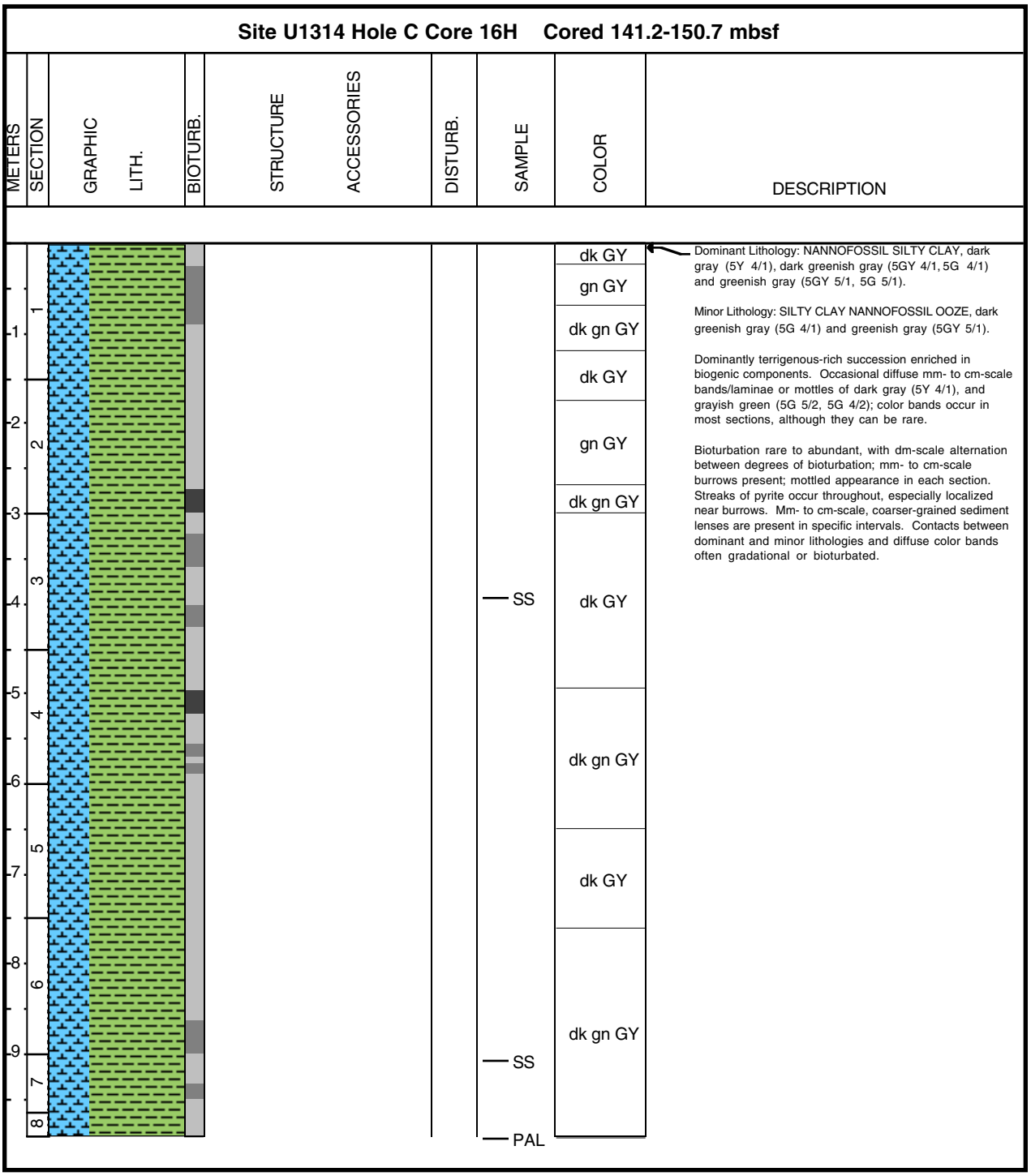
Core Photo


Site U1314 Hole C Core 14H Cored 122.2-131.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
gn GY
dk gn GY
gn GY
..
gn GY
GY
ol GY
GY
gn GY
GY
dk gn GY
GY
dk gn GY
GY
dk gn GY
SS
SS
PAL
Dominant Lithologies: NANNOFOSSIL SILTY CLAY, dark gray (5Y 4/1), gray (5Y 5/1), dark greenish gray (5GY 4/1) and greenish gray (5G 5/1); SILTY CLAY NANNOFOSSIL OOZE, dark greenish gray (5G 4/1).
Minor Lithology: SILTY CLAY WITH NANNOFOSSILS, olive gray (5Y 5/2).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of medium dark gray (N4) and grayish green (5G 5/2, 5G 4/2); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance throughout, sometimes extensive. Streaks of pyrite occur in each section, especially localized near burrows; rare pyrite haloes. Mm- to cm-scale, coarse-grained sediment lenses are present in specific intervals. Contacts between dominant lithologies and diffuse color bands often gradational or bioturbated.
Dropstone located in section 6 (at 9-11 cm).

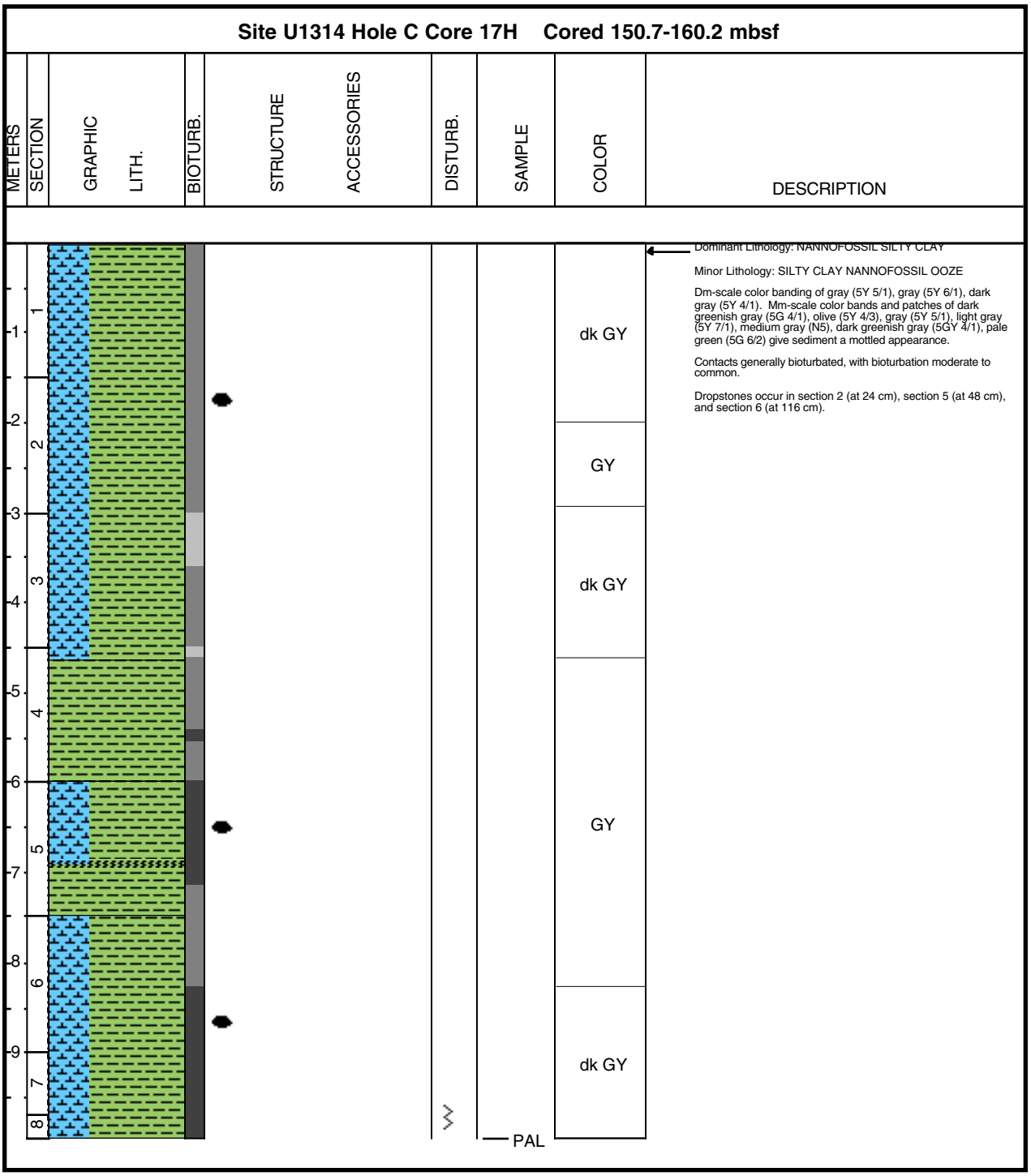
Core Photo


Site U1314 Hole C Core 15H Cored 131.7-141.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
dk gn GY
dk GY
gn GY
dk GY
gn GY
dk GY
GY
dk GY
SS
SS
gn GY
dk gn GY
PAL
Dominant Lithologies: NANNOFOSSIL SILTY CLAY, dark gray (5Y 4/1), gray (5Y 5/1), dark greenish gray (5GY 4/1, 5G 4/1) and greenish gray (5G 5/1); SILTY CLAY NANNOFOSSIL OOZE, dark greenish gray (5G 4/1) and greenish gray (5GY 5/1).
Alternating terrigenous- and biogenic-rich succession. Occasional diffuse mm- to cm-scale bands/laminae or mottles of medium gray (N5), gray (5Y 5/1) and grayish green (5G 5/2, 5G 4/2); color bands occur in most sections.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance throughout, sometimes extensive. Streaks of pyrite occur in each section, especially localized near burrows; rare pyrite haloes. Mm- to cm-scale, coarse-grained sediment lenses are present in specific intervals. Contacts between dominant lithologies and diffuse color bands often gradational or bioturbated.
Dropstones located in section 6 (at 9-11 cm) and in CC.

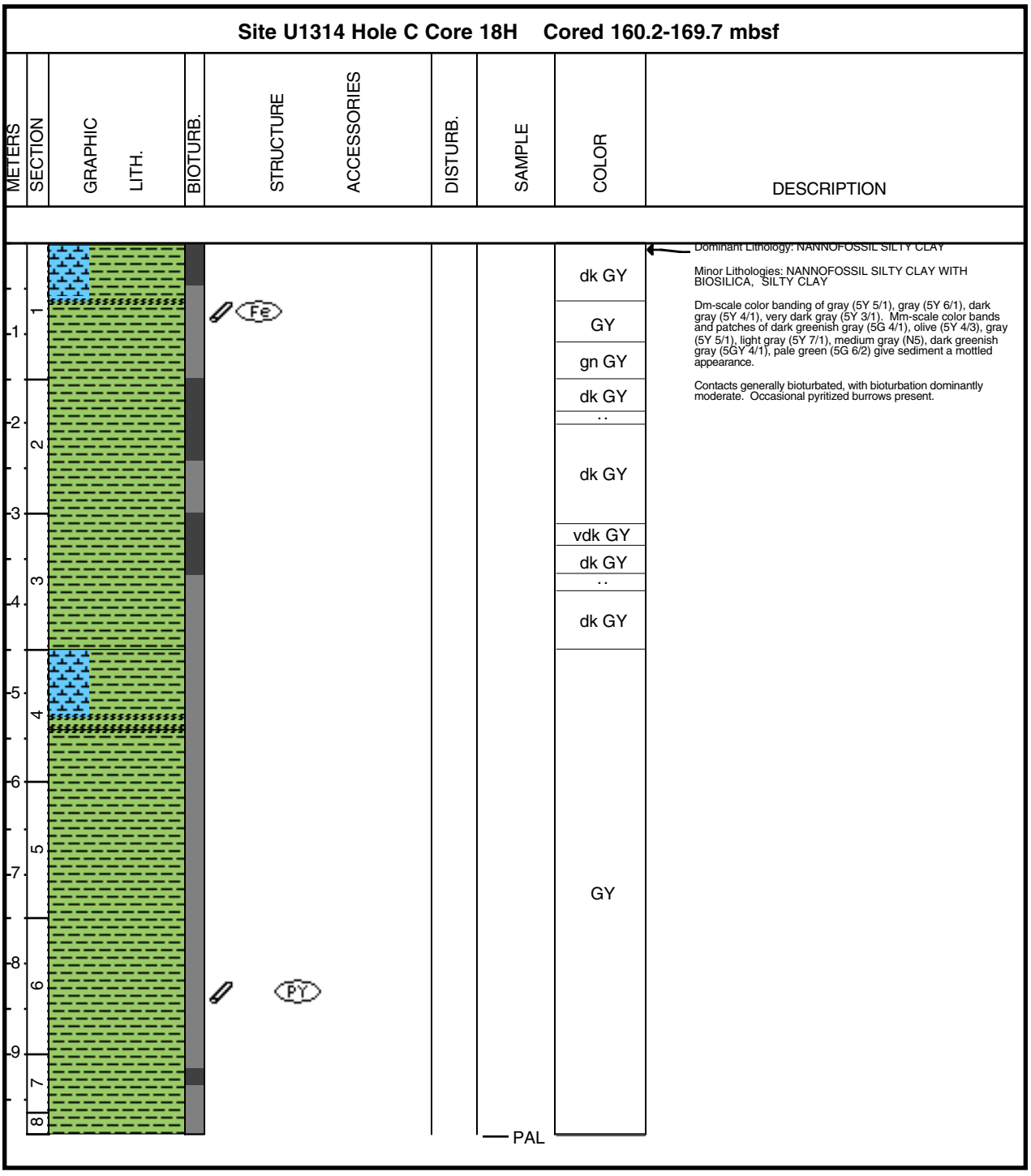
Core Photo


Site U1314 Hole C Core 16H Cored 141.2-150.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
dk GY
gn GY
dk gn GY
dk GY
gn GY
dk gn GY
dk GY
dk gn GY
dk GY
SS
SS
PAL
Dominant Lithology: NANNOFOSSIL SILTY CLAY, dark gray (5Y 4/1), dark greenish gray (5GY 4/1, 5G 4/1) and greenish gray (5GY 5/1, 5G 5/1).
Minor Lithology: SILTY CLAY NANNOFOSSIL OOZE, dark greenish gray (5G 4/1) and greenish gray (5GY 5/1).
Dominantly terrigenous-rich succession enriched in biogenic components. Occasional diffuse mm- to cm-scale bands/laminae or mottles of dark gray (5Y 4/1), and grayish green (5G 5/2, 5G 4/2); color bands occur in most sections, although they can be rare.
Bioturbation rare to abundant, with dm-scale alternation between degrees of bioturbation; mm- to cm-scale burrows present; mottled appearance in each section. Streaks of pyrite occur throughout, especially localized near burrows. Mm- to cm-scale, coarser-grained sediment lenses are present in specific intervals. Contacts between dominant and minor lithologies and diffuse color bands often gradational or bioturbated.

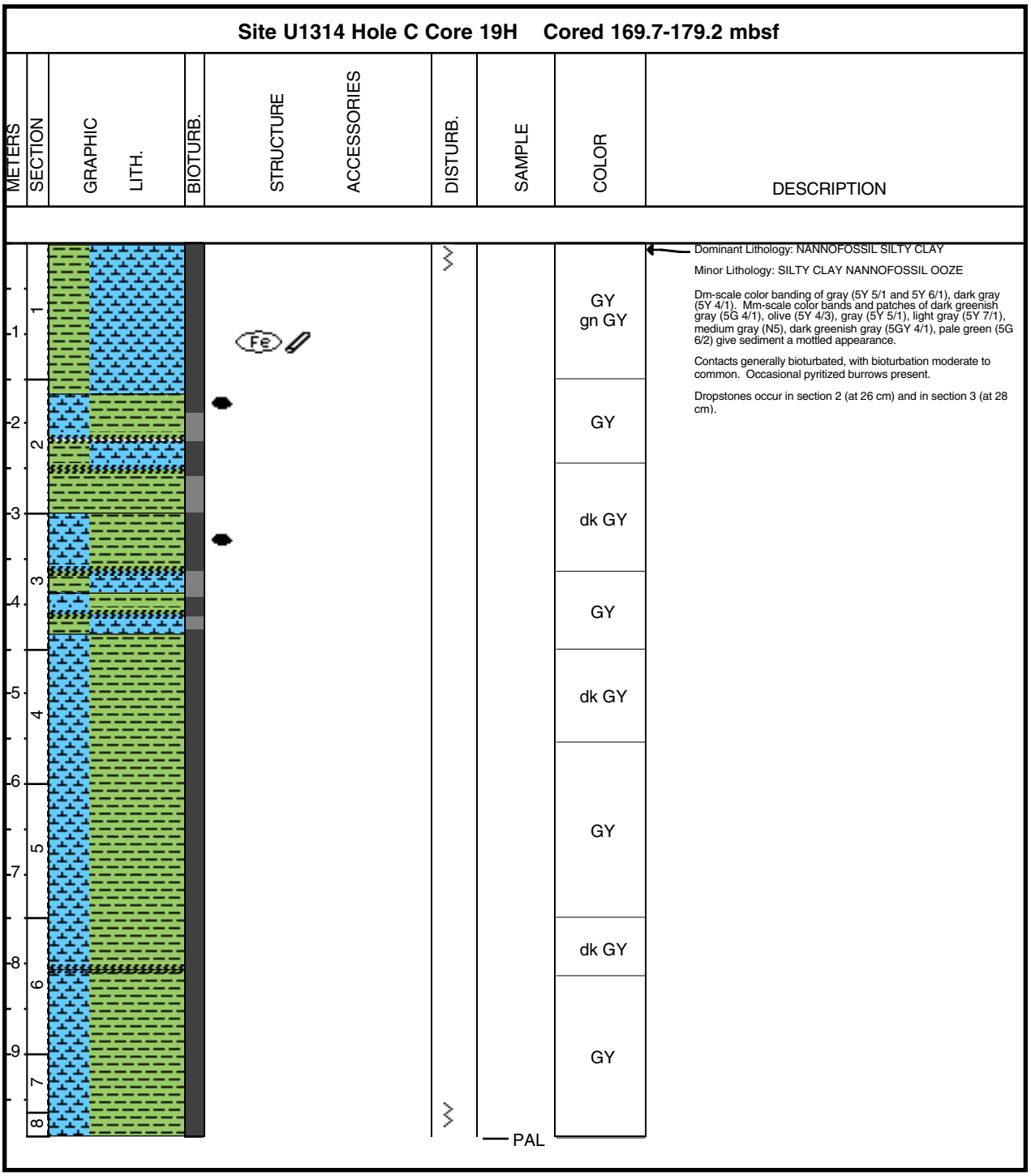
Core Photo


Site U1314 Hole C Core 17H Cored 150.7-160.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithology: SILTY CLAY NANNOFOSSIL OOZE
Dm-scale color banding of gray (5Y 5/1), gray (5Y 6/1), dark gray (5Y 4/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common.
Dropstones occur in section 2 (at 24 cm), section 5 (at 48 cm), and section 6 (at 116 cm).
dk GY
GY
dk GY
GY
dk GY
PAL

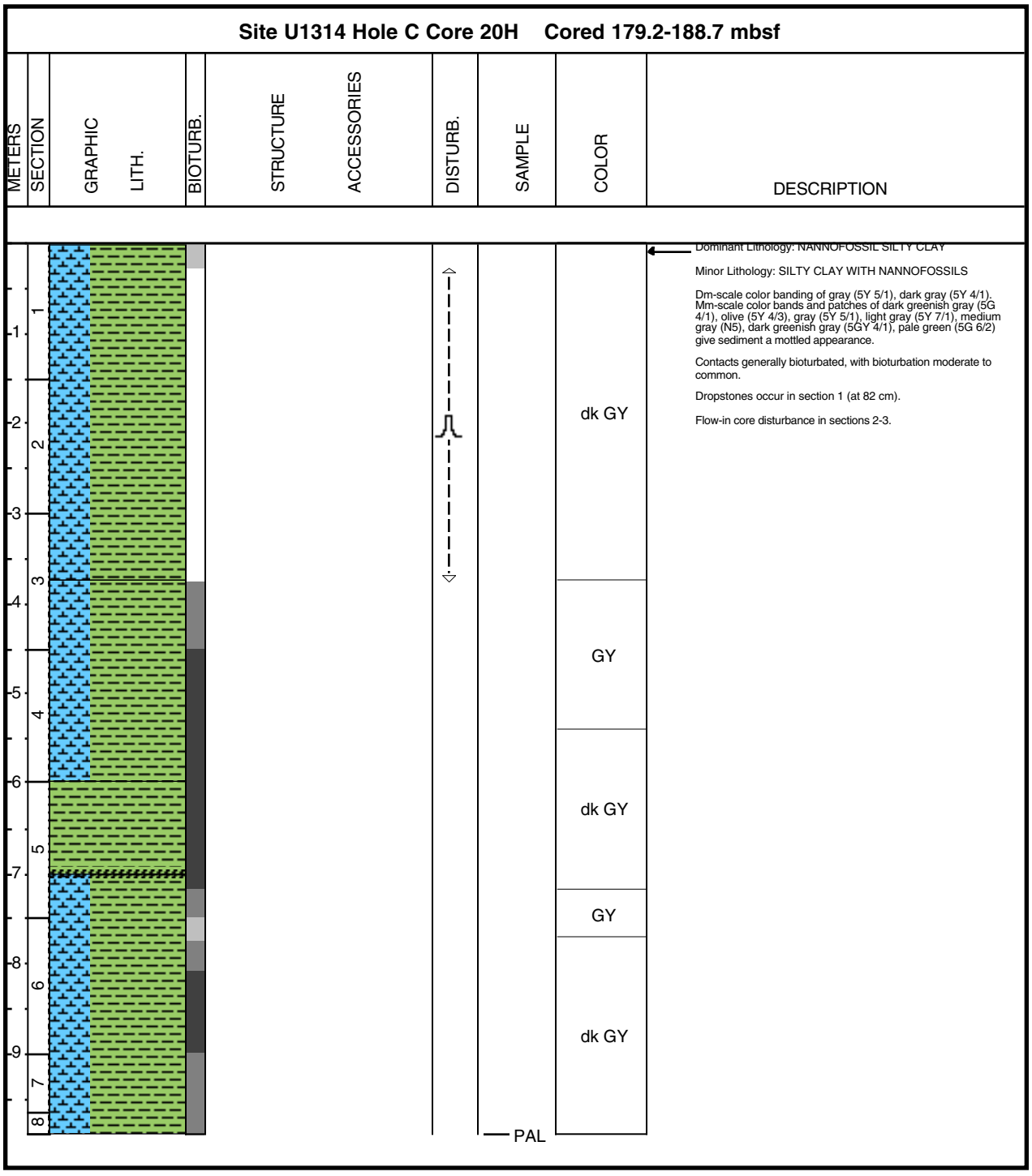
Core Photo


Site U1314 Hole C Core 18H Cored 160.2-169.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithologies: NANNOFOSSIL SILTY CLAY WITH BIOSILICA, SILTY CLAY
Dm-scale color banding of gray (5Y 5/1), gray (5Y 6/1), dark gray (5Y 4/1), very dark gray (5Y 3/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation dominantly moderate. Occasional pyritized burrows present.
dk GY
GY
gn GY
dk GY
dk GY
vdk GY
dk GY
dk GY
GY
Fe
PY
PAL

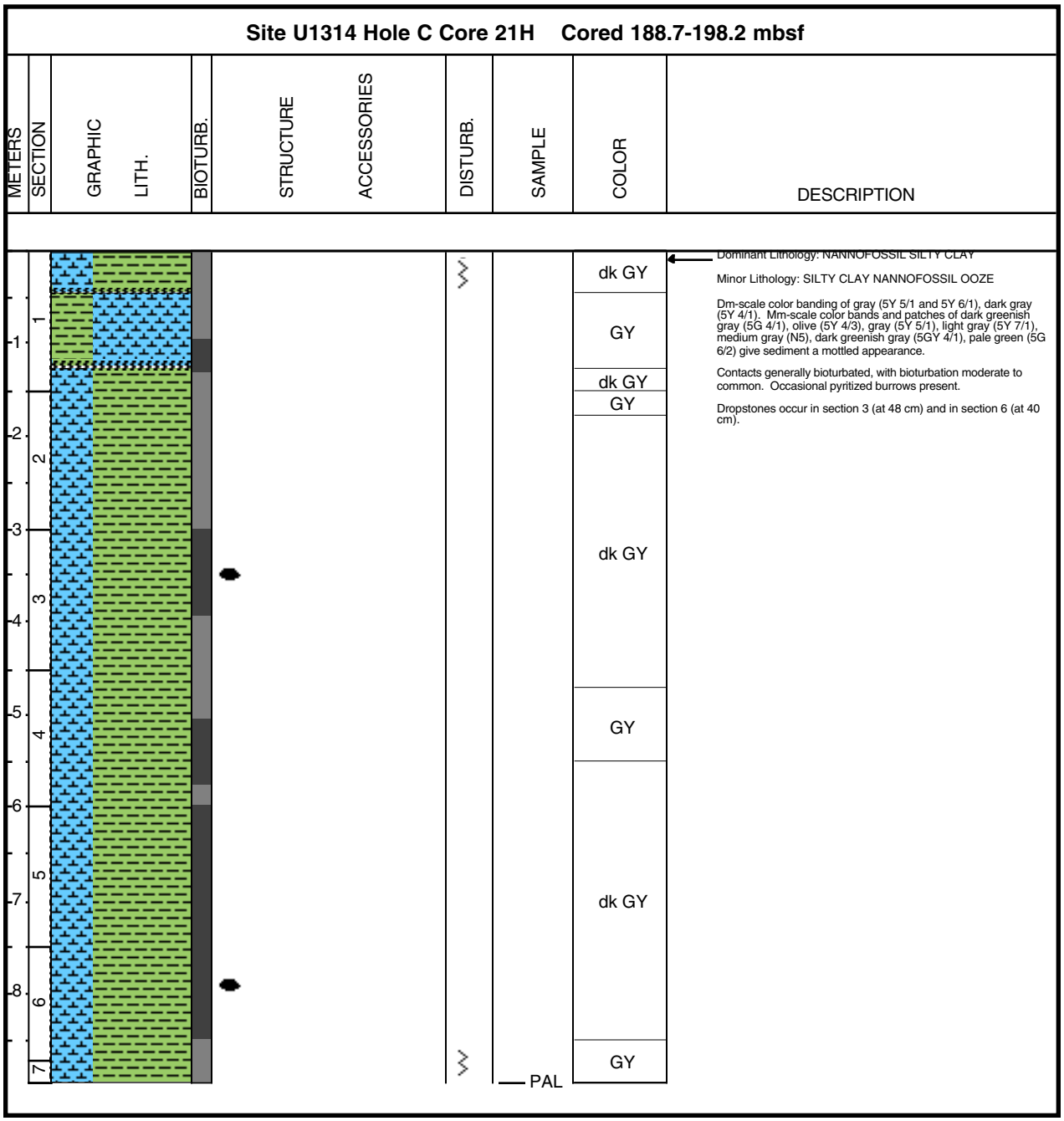
Core Photo


Site U1314 Hole C Core 19H Cored 169.7-179.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Fe
PAL
GY
gn GY
GY
dk GY
GY
dk GY
GY
dk GY
GY
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithology: SILTY CLAY NANNOFOSSIL OOZE
Dm-scale color banding of gray (5Y 5/1 and 5Y 6/1), dark gray (5Y 4/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common. Occasional pyritized burrows present.
Dropstones occur in section 2 (at 26 cm) and in section 3 (at 28 cm).

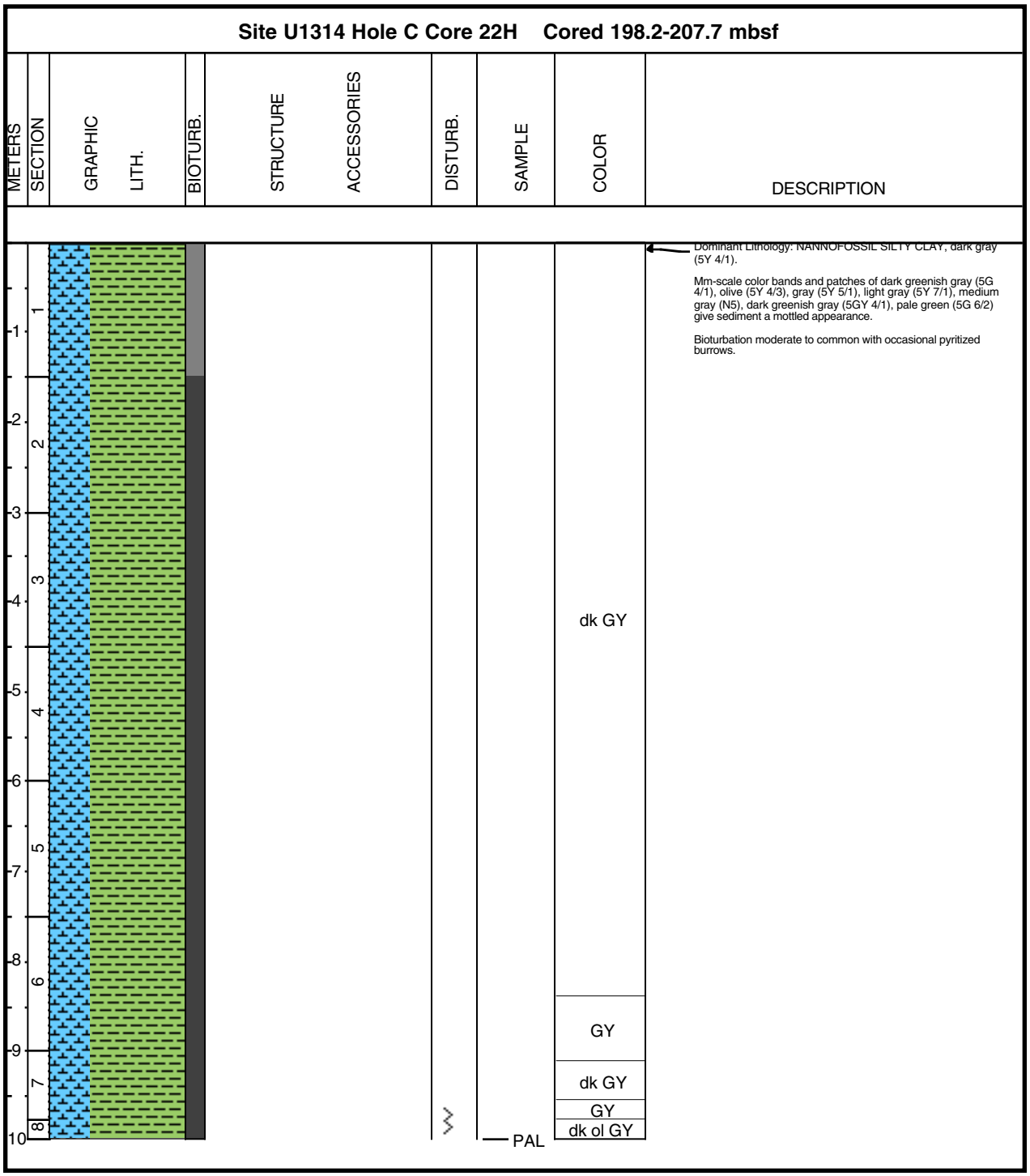
Core Photo


Site U1314 Hole C Core 20H Cored 179.2-188.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithology: SILTY CLAY WITH NANNOFOSSILS
Dm-scale color banding of gray (5Y 5/1), dark gray (5Y 4/1). Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common.
Dropstones occur in section 1 (at 82 cm).
Flow-in core disturbance in sections 2-3.
dk GY
GY
dk GY
GY
dk GY
PAL

Core Photo


Site U1314 Hole C Core 21H Cored 188.7-198.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
dk GY
GY
dk GY
GY
dk GY
GY
dk GY
GY
PAL
Dominant Lithology: NANNOFOSSIL SILTY CLAY
Minor Lithology: SILTY CLAY NANNOFOSSIL OOZE
Dm-scale color banding of gray (5Y 5/1 and 5Y 6/1), dark gray (5Y 4/1), Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Contacts generally bioturbated, with bioturbation moderate to common. Occasional pyritized burrows present.
Dropstones occur in section 3 (at 48 cm) and in section 6 (at 40 cm).

Core Photo


Site U1314 Hole C Core 22H Cored 198.2-207.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Dominant Lithology: NANNOFOSSIL SILTY CLAY, dark gray (5Y 4/1).
Mm-scale color bands and patches of dark greenish gray (5G 4/1), olive (5Y 4/3), gray (5Y 5/1), light gray (5Y 7/1), medium gray (N5), dark greenish gray (5GY 4/1), pale green (5G 6/2) give sediment a mottled appearance.
Bioturbation moderate to common with occasional pyritized burrows.
dk GY
GY
dk GY
GY
dk ol GY
PAL
1
2
3
4
5
6
7
8
10

Core	T	Section	Top (cm)	Depth (mbsf)	Lithology	T-Sand	T-Silt	T-Clay	M-Accessory minerals	M-Calcite	M-Chlorite	M-Clay mineral	M-Feldspar	M-Glauconite	M-Opaques	M-Quartz	M-Volcanic glass	B-Diatoms	B-Ebridians	B-Foraminifers	B-Nannofossils	B-Radiolarians	B-Silicoflagellates	B-Sponge spicules	R-Rock fragment	Comments
Hole A																										
1	H	1	6	0.06	M		30	70		R		25			R	tr		20		R	40	5		5		Silty clay biosiliceous-nannofossil ooze
1	H	1	41	0.41	M		25	75		R		30			R	R		20		R	45	R		R		Silty clay biosiliceous-nannofossil ooze
1	H	1	68	0.68	D		25	75		R		30			tr	tr		20		5	40	R		R		Silty clay biosiliceous-nannofossil ooze
1	H	1	119	1.19	M		30	70		R		20			5	tr		20		R	50	R		R		Silty clay biosiliceous-nannofossil ooze
1	H	2	10	1.6	M	5	25	70		R		15			5	R		20		5	45	R		5		Biosiliceous-nannofossil ooze with silty clay
2	H	2	25	3.65	D		15	85		5		15			5	R		10		R	60			R		Silty clay nannofossil ooze with diatoms
2	H	7	5.5	10.955	D		10	90				5			tr	R		5		R	75	R		10		Nannofossil ooze with biosilica
2	H	7	8	10.98	M		10	90		R		5			R	tr		5		R	75	R		10		Nannofossil ooze with biosilica
2	H	7	22.5	11.125	M		35	65		R		15			5	tr		10		R	45	R		20		Biosiliceous-nannofossil ooze with silty clay
2	H	7	60.5	11.505	M		15	85		R		25			10	R	tr	tr		5	55			tr		Silty clay nannofossil ooze
2	H	7	68	11.58	D		20	80		R		30			5	R		15		tr	45	R		R		Silty clay biosiliceous-nannofossil ooze
3	H	1	142	12.82	D		30	70		5		20			5	5		20		R	40	R		5		Silty clay biosiliceous-nannofossil ooze
3	H	2	46	13.36	M		20	80		R		35			5	R		15		5	40			R		Silty clay biosiliceous-nannofossil ooze
3	H	2	40	13.3	D		20	80		R		30			5	R		15		5	40			5		Silty clay biosiliceous-nannofossil ooze
3	H	2	133.5	14.235	M		20	80		R		30			5	5		R		R	50	tr		5		Silty clay nannofossil ooze
3	H	2	94	13.84	D		25	75		R		30			5	5		5		R	40	tr		10		Silty clay biosiliceous-nannofossil ooze
3	H	4	80	16.7	D		25	75		R		15			5	5	tr	10		R	55	R		5		Silty clay nannofossil ooze with diatoms
3	H	5	101	18.41	D		15	85		R		15			5	R	tr	5		5	65	tr		R		Nannofossil ooze with silty clay
3	H	6	115	20.05	D	20	40	40		55		15			R	30				R	R					Silty clay
3	H	6	64	19.54	D		20	80		5		35			5	10		5		R	40	tr		tr		Nannofossil silty clay
3	H	7	10	20.5	D		10	90		R		30			R	5		R		R	60	tr		tr		Silty clay nannofossil ooze
3	H	7	52	20.92	D		25	75		R		15			R	5		10		R	60	tr		5		Nannofossil ooze with biosilica and silty clay
4	H	5	11	27.01	D	5	40	55		10		20			5	15		10		5	30	tr		R		Biosiliceous-nannofossil silty clay
5	H	1	100	31.4	D		20	80		R		35			R	R		10		R	40	tr		10		Silty clay biosiliceous-nannofossil ooze
5	H	3	120	34.6	D		20	80		5		30			5	R		10		R	40	R		5		Silty clay biosiliceous-nannofossil ooze
5	H	4	130	36.2	D		15	85				R			R	R		5		R	80			10		Nannofossil ooze with biosilica
5	H	6	49	38.39	D	2	23	75		R		15			5	R		5		5	55	R		15		Nannofossil ooze with biosilica and silty clay
6	H	3	80	43.7	D	5	20	75	R	R		30			5	5	tr	10		R	45		tr	5		Silty clay biosiliceous-nannofossil ooze
7	H	1	80	50.2	D	15	10	75	R	5		45			5	R		10		5	30	tr	tr	R		Nannofossil silty clay with diatoms
7	H	2	125	52.15	D	5	15	80	5	R		20			5	R		10		R	60		tr	R		Silty clay nannofossil ooze with diatoms
7	H	4	137	55.27	D	5	20	70	R	5		20			5	R		10	tr	5	55	tr	tr	tr		Silty clay nannofossil ooze with diatoms
7	H	5	15	55.55	M	15	20	65	5	5		50	tr	tr	R	10				20	10	tr		tr		Silty clay with nannofossils and foraminifers
8	H	5	136	66.26	D	10	25	65	5	10		50		tr	R	15		tr		5	15					Silty clay with nannofossils
8	H	7	32	68.22	D	10	30	60	5	10		40			R	5		15		5	15	tr	tr	tr		Silty clay with nannofossils and diatoms
9	H	1	76	69.16	M	30	40	30	tr	5		5			tr	15		tr		60	15	tr		tr		Silty clay foraminifer ooze with nannofossils
9	H	4	26	73.16	M	5	15	80	R	5		65			5	10		tr		R	15			tr		Silty clay with nannofossils
10	H	1	53	78.43	D	20	20	60		10		40			R	25				R	20	tr		R		Silty clay with nannofossils
10	H	2	34	79.69	D		35	65		R		20			5	R		5		R	40	R		25		Silty clay biosiliceous-nannofossil ooze
11	H	1	68	88.08	D	2	18	80		5		40			R	10				R	40			tr		Nannofossil silty clay
11	H	4	90	92.8	D	5	35	60		R		25			5	5	tr	5		R	30			25		Silty clay biosiliceous-nannofossil ooze
13	H	2	30	108.2	D	5	30	65		5		43	R		5	25				R	20				tr	Silty clay with nannofossils
13	H	2	140	109.3	D		25	75		R		25				R		10		R	50	R		10		Silty clay nannofossil ooze with biosilica
13	H	5	35	112.75	D		25	75		R		30			R	5		5		R	40	R		10		Silty clay biosiliceous-nannofossil ooze
14	H	1	130	117.2	D		20	80		R		20			R	R		5		5	60	R		5		Nannofossil ooze with biosilica and silty clay
14	H	4	30	120.7	D		10	90		R		60			R	5				R	30	tr		tr		Nannofossil silty clay
14	H	7	6	124.96	D	2	18	80		R		35			R	R		5		R	40	R		10		Silty clay biosiliceous-nannofossil ooze
15	H	2	100	127.9	D		5	95		R		25			R	R		R		R	70					Silty clay nannofossil ooze
15	H	4	90	130.8	D	5	30	65		tr		30			R	5		10		5	35	R		10		Silty clay biosiliceous-nannofossil ooze
15	H	6	30	133.2	D	8	12	80		R		60			R	10				5	20			tr		Silty clay with nannofossils
16	H	1	120	136.1	D	10	5	85		R		55			R	10				tr	30					Nannofossil silty clay
16	H	2	20	136.6	D	15	15	70		5	tr	45			tr	15				10	25			tr		Nannofossil silty clay with foraminifers
16	H	5	50	141.4	D		10	90		tr		25			R	R		tr		5	65			tr		Silty clay nannofossil ooze
17	H	2	10	146	D	R	5	95	R	5		15			R	R		R	tr	R	80					Nannofossil ooze with silty clay
17	H	3	10	147.5	D	tr	20	80	5	5		55			R	10		tr		5	20		tr	tr		Silty clay with nannofossils

Core	T	Section	Top (cm)	Depth (mbsf)	Lithology	T-Sand	T-Silt	T-Clay	M-Accessory minerals	M-Calcite	M-Chlorite	M-Clay mineral	M-Feldspar	M-Glauconite	M-Opaques	M-Quartz	M-Volcanic glass	B-Diatoms	B-Ebridians	B-Foraminifers	B-Nannofossils	B-Radiolarians	B-Silicoflagellates	B-Sponge spicules	R-Rock fragment	Comments
Hole A																										
17	H	4	100	149.9	D	R	15	85	5	10		50			R	R		5			30					Nannofossil silty clay
18	H	1	81	154.71	D	R	5	95	R	R		15			tr	R		10		R	75	R	tr	R		Nannofossil ooze with diatoms and silty clay
18	H	2	125	156.65	D	R	25	75	R	R		45			tr	5		20		tr	30	tr		R		Nannofossil silty clay with diatoms
18	H	4	10	158.5	D	5	20	75	5	5		45			5	5				5	30					Nannofossil silty clay
19	H	1	28	163.68	D	R	10	90	R	R		45			R	5		10		5	35		tr	R		Nannofossil silty clay with diatoms
19	H	1	121	164.61	M	R	10	90	R	5		25				5	R	10		5	50	tr	tr	R		Silty clay nannofossil ooze with diatoms
19	H	1	127	164.67	M	tr	5	95	tr	R		45			tr	R		R		5	50	tr	tr	R		Silty clay nannofossil ooze
19	H	2	21	165.11	M	tr	15	85	R	R		70			tr	5	tr	5			15			5		Silty clay with nannofossils
19	H	5	100	170.4	M	R	10	90	tr	5		20				R		5	tr	R	70	R				Silty clay nannofossil ooze
19	H	6	28	171.18	M	tr	5	95	tr	5		15			tr	tr				tr	80					Nannofossil ooze with silty clay
20	H	1	8	172.98	D	R	5	95	R			20			R	R		5	tr	R	75			R		Nannofossil ooze with silty clay
20	H	1	100	173.9	D	5	10	85	tr			35	tr		5	R		5		5	50			R		Silty clay nannofossil ooze
20	H	7	34	182.24	D	tr	5	95	R	R		20			R	R		5		5	70	tr	tr	R		Nannofossil ooze with silty clay
22	H	1	30	192.2	D	2	8	90		R		65	R	tr	R	5				R	25					Nannofossil silty clay
22	H	3	124	196.14	D	10	20	70		tr		25		tr	R	R		15		10	40	R		5		Silty clay biosiliceous-nannofossil ooze
22	H	4	90	197.3	D	3	22	75		tr		30			R	R		10		5	45	R		5		Silty clay biosiliceous-nannofossil ooze
22	H	7	3.5	200.935	M	10	85	5		tr		tr				tr		tr		85	10			tr	tr	Foraminifer ooze with nannofossils
23	H	5	110	208.5	D	10	40	50		R		30		tr	R	20		15		R	15			15		Biosiliceous silty clay with nannofossils
24	H	1	120	212.1	D	5	30	65		5	tr	30			R	20		10			30			R		Nannofossil silty clay with diatoms
24	H	2	120	213.6	D	2	23	75		R		15			R	5		10		5	50	R		10		Biosiliceous-nannofossil ooze with silty clay
25	H	3	107.5	224.475	D	5	20	75		tr		20			R	R		10		5	50	R		10		Nannofossil ooze with biosilica and silty clay
25	H	5	70	227.1	D		30	70		5		55			R	20		tr		R	15			tr		Silty clay with nannofossils
25	H	5	100	227.4	D	5	25	70		tr		25			R	R		15		5	40	tr		10		Silty clay biosiliceous-nannofossil ooze

R = < 5%, > 1%
tr = < 1%

Core	T	Section	Top (cm)	Depth (mbsf)	Lithology	T-Sand	T-Silt	T-Clay	M-Accessory minerals	M-Calcite	M-Clay mineral	M-Feldspar	M-Glauconite	M-Opaques	M-Quartz	M-Volcanic glass	B-Bioclasts	B-Diatoms	B-Ebridians	B-Foraminifers	B-Nannofossils	B-Radiolarians	B-Silicoflagellates	B-Sponge Spicules	Comments
Hole B																									
1	H	1	45	0.45	D	10	15	75		tr	15			R	5			10		tr	60	tr		10	Nannofossil ooze with biosilica and silty clay
1	H	2	130	2.8	D	15	20	65		10	40			5	15			5		tr	20	tr		5	Silty clay with biosilica and nannofossils
1	H	3	16	3.16	D	10	15	75		R	25			R	10			5		tr	50			10	Silty clay nannofossil ooze with biosilica
1	H	3	60	3.6	D	20	20	60		5	35			5	10			10		tr	25			10	Nannofossil silty clay with biosilica
2	H	1	44	4.44	D	5	5	90		tr	20			R	5			R		R	70			5	Silty clay nannofossil ooze
2	H	1	93	4.93	D	10	10	80		tr	10				5			10		tr	70			5	Nannofossil ooze with silty clay and biosilica
2	H	2	140	6.9	D	10	5	85		tr	15			R	10			R			70	tr		5	Silty clay nannofossil ooze
2	H	4	130	9.8	D	10	10	80		R	15			R	5			10		tr	65	tr		5	Nannofossil ooze with silty clay and biosilica
2	H	5	54	10.54	D	20	10	70		5	30			R	25	tr		R		R	40			R	Nannofossil silty clay
2	H	5	130	11.3	D	5	10	85		R	25			R	10			R		R	60			5	Silty clay nannofossil ooze
2	H	6	66	12.16	D		5	95		R	15			tr	5			R			80			R	Nannofossil ooze with silty clay
3	H	2	80	15.8	D	10	25	65	R	10	55			R	20			10			5	tr	tr	R	Silty clay with diatoms
3	H	3	10	16.6	D	R	5	95	R	R	20	tr		R	R			10		R	70	tr			Nannofossil ooze with diatoms and silty clay
3	H	3	65	17.15	D	R	10	90	tr	5	10			R	tr			10	tr	R	75	tr	tr	R	Nannofossil ooze with diatoms and silty clay
3	H	4	60	18.6	D	5	15	80	5	5	55	tr		R	15			tr		R	20				Silty clay with nannofossils
3	H	5	110	20.6	D	R	10	90	5	5	20			R	R			10		R	60			R	Silty clay nannofossil ooze with diatoms
4	H	2	22	24.72	M	20	45	35	tr	tr	15			tr	R			80			5				Diatom ooze with silty clay
4	H	3	70	26.7	M		5	95	tr	R	15	tr		tr	tr			5		tr	80	tr	tr	R	Nannofossil ooze with silty clay
4	H	4	140	28.9	D	5	40	55	5	R	25	tr		10	15	10		R		R	30			tr	Nannofossil silty clay
4	H	5	10	29.1	D	tr	5	95	tr	tr	10			tr	tr			5	tr	tr	85	tr		R	Nannofossil ooze with silty clay
5	H	1	85	33.35	D	tr	10	90		10	65			R	5					R	20				Silty clay with nannofossils
5	H	2	105	35.05	M		5	95	tr	tr	5			tr	tr			5		tr	90				Nannofossil ooze
5	H	6	107	41.07	M	R	5	95	tr	R	35			5	R			tr		5	55				Silty clay nannofossil ooze
6	H	4	100	47.5	D	tr	10	90	R	5	30			R	10	tr		tr		tr	55	tr		tr	Silty clay nannofossil ooze
6	H	5	99	48.99	D	5	10	85	tr	5	70			tr	5					5	15				Silty clay with nannofossils
6	H	5	130	49.3	D	10	40	50	5	10	35	tr	tr	5	25			R		R	15				Silty clay with nannofossils
9	H	2	57	72.57	D	30	10	60		5	40	tr		10	25	tr		tr			20			tr	Silty clay with nannofossils
9	H	4	100	76	D	25	10	65	5	5	45			5	20	tr		tr		tr	20			tr	Silty clay with nannofossils
9	H	7	50	80	D	5	15	80			15			tr	5			5		R	65			10	Nannofossil ooze with silty clay and biosilica
11	H	1	130	90.8	M	10	30	60		5	30			5				5		R	30	tr		10	Nannofossil silty clay with biosilica
11	H	5	120	96.7	M	70	10	20			15			R		80		tr			5			tr	Volcanic ash with silty clay
11	H	5	110	96.6	D	20	10	70	R	R	50			R	30	tr					20				Silty clay with nannofossils
11	H	6	130	98.3	D		10	90		tr	30			R	10					R	60			R	Silty clay nannofossil ooze
11	H	6	8	97.08	D	5	5	90		tr	30			R	5			R		R	60			5	Silty clay nannofossil ooze
12	H	2	102	101.52	M	10	5	85		tr	55			5	10			tr		R	30				Nannofossil silty clay
12	H	3	69	102.69	D	10	5	85		5	55			R	10	tr				tr	30				Nannofossil silty clay
12	H	4	105	104.55	D	20	10	70			30				10			10		R	40	R		10	Silty clay biosiliceous-nannofossil ooze
12	H	4	89	104.39	M	15	20	65			25			20				5		R	40			10	Silty clay biosiliceous-nannofossil ooze
14	H	2	130	120.8	D	15	15	70	5		45			5	20			tr		R	25			tr	Nannofossil silty clay
14	H	3	120	122.2	D		15	85		R	50			R	10					tr	35			5	Nannofossil silty clay
15	H	2	90	129.9	D	25	5	70	R	R	40			5	15			5		R	30			5	Nannofossil silty clay
15	H	4	135	133.35	D	5	5	90		R	35			R	10			R		R	55			R	Silty clay nannofossil ooze
16	H	4	102	142.52	D	15	15	70	R	5	40			5	15			R		R	30			5	Nannofossil silty clay
16	H	5	120	144.2	D	20	15	65	R	R	45			5	25	tr		R		tr	20	tr		tr	Silty clay with nannofossils
17	H	1	10	146.6	D	tr	15	85	5	tr	55			5	15			tr		tr	20	tr	tr	R	Silty clay with nannofossils
17	H	2	135	149.35	D	5	20	75	5	R	25			R	5			15		R	50				Silty clay nannofossil ooze with diatoms
18	H	2	50	158	M	5	10	85	R	5	65			R	10					5	15				Silty clay with nannofossils
18	H	4	90	161.4	D	5	5	90	tr	tr	40			R				10		tr	50				Silty clay nannofossil ooze with diatoms
18	H	5	20	162.2	D	R	10	90	tr	5	70			R	10			tr			15			tr	Silty clay with nannofossils
20	H	3	13	178.13	D	tr	5	95		5	35			R	R					R	60				Silty clay nannofossil ooze
20	H	3	104	179.04	M		5	95		R	70			tr	10	tr					20				Silty clay with nannofossils
20	H	5	28	181.28	D	5	20	75	R	R	35			5	5	tr	tr	R		5	50				Silty clay nannofossil ooze
20	H	7	10	184.1	D	10	20	70	tr	10	45			R	15			R		10	20			tr	Silty clay with foraminifers and nannofossils
22	H	1	75	194.75	D		10	90		tr	55			5	R			R		R	35			R	Nannofossil silty clay

Core	T	Section	Top (cm)	Depth (mbsf)	Lithology	T-Sand	T-Silt	T-Clay	M-Accessory minerals	M-Calcite	M-Clay mineral	M-Feldspar	M-Glauconite	M-Opaques	M-Quartz	M-Volcanic glass	B-Bioclasts	B-Diatoms	B-Ebridians	B-Foraminifers	B-Nannofossils	B-Radiolarians	B-Silicoflagellates	B-Sponge Spicules	Comments
Hole B																									
23	H	3	50	207	D	10	20	70	R		70	tr		5	15	tr		R		R	tr			R	Silty clay
23	H	4	80	208.8	D	5	20	75	tr	tr	25			R	5	tr		15		R	45			5	Silty clay biosiliceous-nannofossil ooze
24	H	2	110	215.6	D	5	40	55	tr	R	45			5	15	tr		20		R	5	R		5	Biosiliceous silty clay
24	H	4	70	218.2	D	5	20	75	tr	R	10			R	R			15		R	65	R		10	Biosiliceous nannofossil ooze with silty clay
25	H	1	102	223.52	D	5	30	65	R	R	60			10	20	tr		R		R	5	tr		tr	Silty clay
26	H	1	80	232.8	D	5	35	60	tr	R	45			5	10	tr		10		R	10			15	Biosiliceous silty clay with nannofossils
26	H	2	80	234.3	D		10	90			30			R				5			60	R		5	Silty clay nannofossil ooze with biosilica
27	H	3	66	245.16	D		15	85	tr	5	60			R	10			R			25			R	Nannofossil silty clay
29	H	2	70	262.7	D	5	15	80		R	50			R	20			R			25			5	Nannofossil silty clay
29	H	6	80	268.8	D	5	10	85	tr		35			R	5			5		tr	50	R		5	Silty clay nannofossil ooze with biosilica
30	H	1	50	270.5	D	20	25	55	R		25			5	20			5			30			10	Nannofossil silty clay with biosilica
30	H	7	40	279.4	D	10	10	80			20				10			5		tr	60	R		5	Silty clay nannofossil ooze with biosilica

R = < 5%, > 1%
tr = < 1%

Core	T	Section	Top (cm)	Depth (mbsf)	Lithology	T-Sand	T-Silt	T-Clay	M-Accessory minerals	M-Calcite	M-Clay mineral	M-Feldspar	M-Glauconite	M-Opaques	M-Quartz	M-Volcanic glass	B-Diatoms	B-Ebridians	B-Foraminifers	B-Nannofossils	B-Radiolarians	B-Silicoflagellates	B-Sponge spicules	Comments
Hole C																								
1	H	1	38	0.38	D	tr	10	90	tr	5	10			R	5		5		tr	75			tr	Silty clay nannofossil ooze
1	H	2	70	2.2	D	R	15	85	R	10	20			tr	5	tr	5		R	60	tr	tr	R	Silty clay nannofossil ooze
1	H	3	7	3.07	M	R	20	80	5	15	55	tr		R	15	tr	R		R	10	tr		tr	Silty clay with nannofossils
1	H	3	52	3.52	D	R	25	75		10	25		tr		10		10		R	45				Silty clay biosiliceous-nannofossil ooze
1	H	4	60	5.1	M	10	15	75	R	10	40	tr		R	15				R	35			tr	Nannofossil silty clay
1	H	4	144	5.94	M	R	5	95	tr	R	10		tr	tr	tr		5	tr	R	85	tr		tr	Nannofossil ooze with silty clay
1	H	6	53	8.03	D	tr	5	95	R	R	15			tr	tr	R	5		tr	80	tr	tr		Nannofossil ooze with silty clay
2	H	5	7	14.27	M	5	10	85	R	10	30			R	tr	tr			5	55				Silty clay nannofossil ooze
2	H	5	69	14.89	D	tr	15	85	5	10	25			R	5	R	5		tr	50	tr	tr	tr	Silty clay nannofossil ooze
2	H	7	25	17.45	D	5	15	80	R	5	30			5	10		5			45	R			Silty clay with nannofossils
3	H	2	110	20.3	D	10	20	70	5	10	45			R	10		5		5	20				Silty clay with nannofossils
3	H	3	32	21.02	D	R	20	80	R	10	50			5	10	tr	5		R	20	R		tr	Silty clay with nannofossils
3	H	7	10	26.3	D	5	15	80	R	R	30			5	R		15		R	50			tr	Silty clay nannofossil ooze with diatoms
4	H	3	50	30.7	D		30	70	10	R	30		tr	10	10	R	R			40			tr	Silty clay with nannofossils
5	H	3	15	39.85	D		10	90	tr	tr	15			R	R		5		R	70			5	Nannofossil ooze with biosilica and silty clay
5	H	4	12	41.32	D	5	15	80	tr	R	15			R	R		5		R	60	tr		10	Nannofossil ooze with biosilica and silty clay
5	H	4	65	41.85	D	5	15	80	tr	5	20			tr	R		R		5	60			R	Silty clay nannofossil ooze
5	H	5	25	42.95	D		10	90		R	10			R	R		R		R	80			R	Nannofossil ooze with silty clay
5	H	6	127	45.47	D	10	10	80		tr	30			R	10		10		R	50	R		R	Silty clay nannofossil ooze with biosilica
6	H	1	65	46.85	D	10	10	80	tr	tr	40			5	10		5			40			R	Nannofossil silty clay
6	H	1	105	47.25	D	10	10	80		R	10			tr	10		5			70	tr		5	Nannofossil ooze with biosilica and silty clay
6	H	1	132	47.52	D	10	5	85		tr	25			R	R		10		R	60	R	R	5	Silty clay nannofossil ooze with biosilica
6	H	2	90	48.6	D	15	15	70	tr	5	40			tr	10	tr	10			30			5	Silty clay nannofossil ooze with biosilica
6	H	2	8	47.78	D	10	10	80		R	30			R	10		5			50			5	Silty clay nannofossil ooze with biosilica
6	H	3	110	50.3	D	20	5	75	tr	R	45			R	15		10			30			R	Nannofossil silty clay with biosilica
6	H	5	100	53.2	D	5	10	85			35			R	5		10		tr	50			tr	Silty clay nannofossil ooze with biosilica
7	H	1	60	56.3	D	20	5	75	R	5	55			R	20				R	20				Silty clay with nannofossils
7	H	2	40	57.6	D	10	5	85		R	30			R	5		10		R	55			R	Silty clay nannofossil ooze with biosilica
7	H	2	110	58.3	D	5	10	85		R	25			R	5		10		R	60		tr	R	Silty clay nannofossil ooze with biosilica
7	H	3	100	59.7	D	5	10	85		R	25			R	5		10		R	60	R	R		Silty clay nannofossil ooze with biosilica
7	H	4	20	60.4	D	10	10	80		5	50			R	10		5			30			tr	Nannofossil silty clay
7	H	4	60	60.8	D	5	5	90	tr		25			tr	5		5		R	65			tr	Silty clay nannofossil ooze
7	H	4	90	61.1	D		10	90		R	15			R	5		5		tr	75			tr	Nannofossil ooze with silty clay
7	H	5	60	62.3	D	10	10	80		R	20			R	5		15		R	60	tr	tr	R	Silty clay nannofossil ooze with biosilica
8	H	2	100	67.7	D	5	20	75	R	5	35			5	10		5			40			tr	Nannofossil silty clay
8	H	3	135	69.59	M	15	5	80	R	R	45			R	20	tr	5		R	30	tr	tr	tr	Nannofossil silty clay
8	H	3	139	69.55	D		15	85		R	15			R	5		5			70			R	Nannofossil ooze with silty clay
8	H	4	40	70.1	D	10	10	80	R	R	60			R	10	tr	10		R	20			R	Silty clay with biosilica and nannofossils
9	H	1	100	75.7	D	10	20	70	5	R	40			5	20				R	30				Nannofossil silty clay
9	H	2	75	76.95	D	15	10	75	R	5	65			R	20	R			R	10				Silty clay with nannofossils
9	H	4	110	80.3	D	15	15	70	tr	R	40			5	15		15		R	25	tr	tr	tr	Nannofossil silty clay with biosilica
9	H	5	70	81.4	D	25	20	55		5	35			5	20	tr	15		R	20	tr		tr	Silty clay with biosilica and nannofossils
9	H	5	110	81.8	D	20	15	65	tr	R	35			R	20	5	10		R	30	tr	tr	R	Nannofossil silty clay with biosilica
12	H	2	83	105.53	D	tr	10	90	tr	5	20			R	5		5			65		tr	R	Silty clay nannofossil ooze
12	H	3	141	107.61	D	R	25	75	5	10	50			10	10		R		R	15			tr	Silty clay with nannofossils
12	H	5	31	109.51	D	5	15	80	R	5	25			5	R		5		5	55		tr	R	Silty clay nannofossil ooze
13	H	3	141	117.11	D	10	25	65	5	5	15		tr	5	5		15		R	50	tr	tr	R	Silty clay nannofossil ooze with diatoms
13	H	4	24	117.44	M	5	40	55	5	R	30	tr		10	15	R	5		5	25	tr	tr	R	Nannofossil silty clay
13	H	6	25	120.45	D	R	25	75	10	5	30		tr	10	10		tr		tr	35				Nannofossil silty clay
14	H	3	67	125.87	M	5	15	80	5	5	55			R	15					20				Silty clay with nannofossils
14	H	4	74	127.44	D	5	10	85	R	5	25			5	5		R		R	55		tr	5	Silty clay nannofossil ooze
15	H	4	83	137.03	D	tr	15	85	5	5	40			R	10				5	35				Nannofossil silty clay
15	H	4	88	137.08	M	40	50	10	5	R	5			tr	90									Quartz sand
15	H	5	93	138.63	D	10	25	65	5	5	35	tr		5	15	tr	R		5	30		tr	tr	Nannofossil silty clay

Core	T	Section	Top (cm)	Depth (mbsf)	Lithology	T-Sand	T-Silt	T-Clay	M-Accessory minerals	M-Calcite	M-Clay mineral	M-Feldspar	M-Glauconite	M-Opaques	M-Quartz	M-Volcanic glass	B-Diatoms	B-Ebridians	B-Foraminifers	B-Nannofossils	B-Radiolarians	B-Silicoflagellates	B-Sponge spicules	Comments
Hole C																								
16	H	3	90	145.1	D		10	90	5	R	45			5	10				tr	35				Nannofossil silty clay
16	H	7	10	150.3	D	5	25	70	5	5	15	tr		5	10		5		R	55			R	Silty clay nannofossil ooze

R = < 5%, > 1%
tr = < 1%