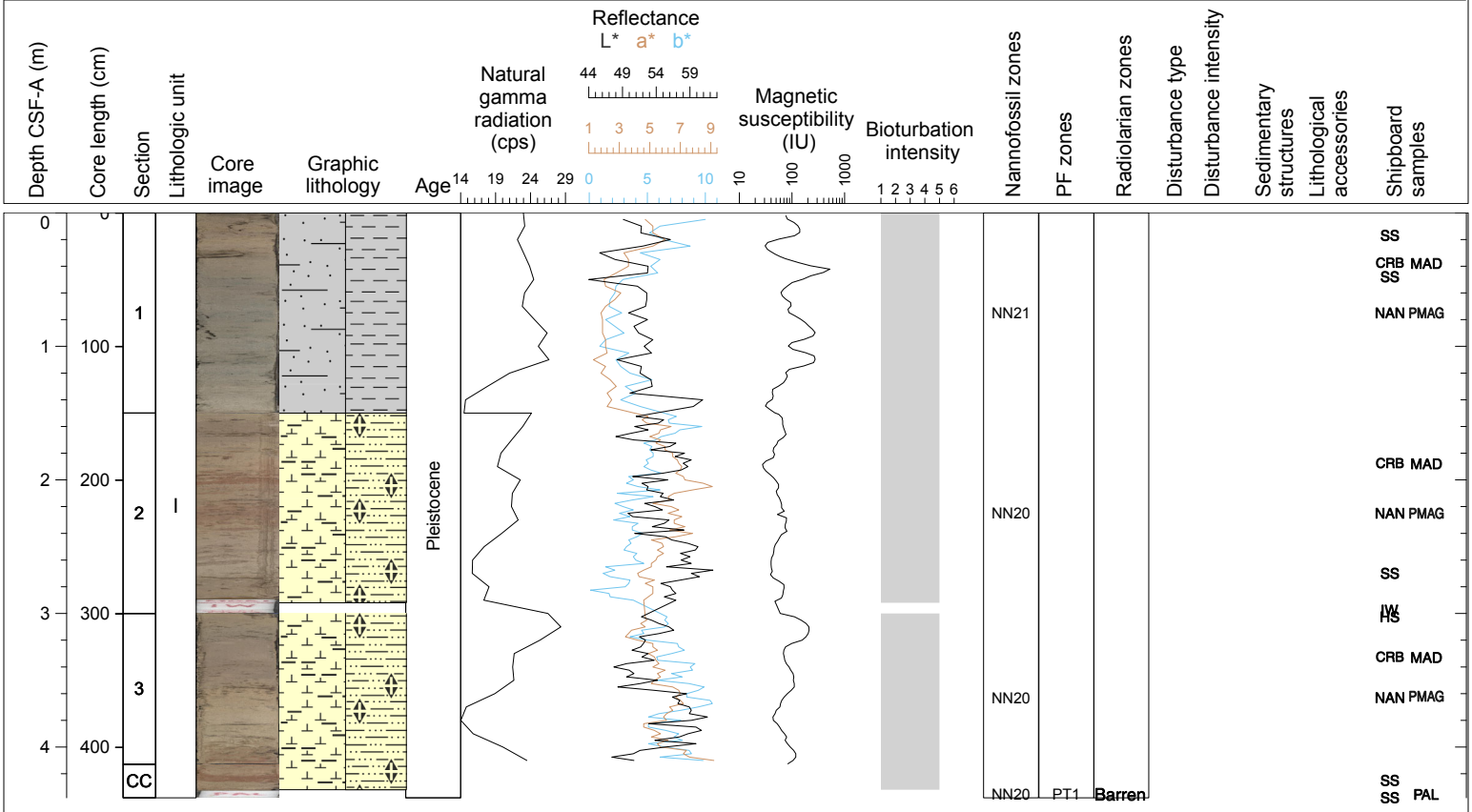
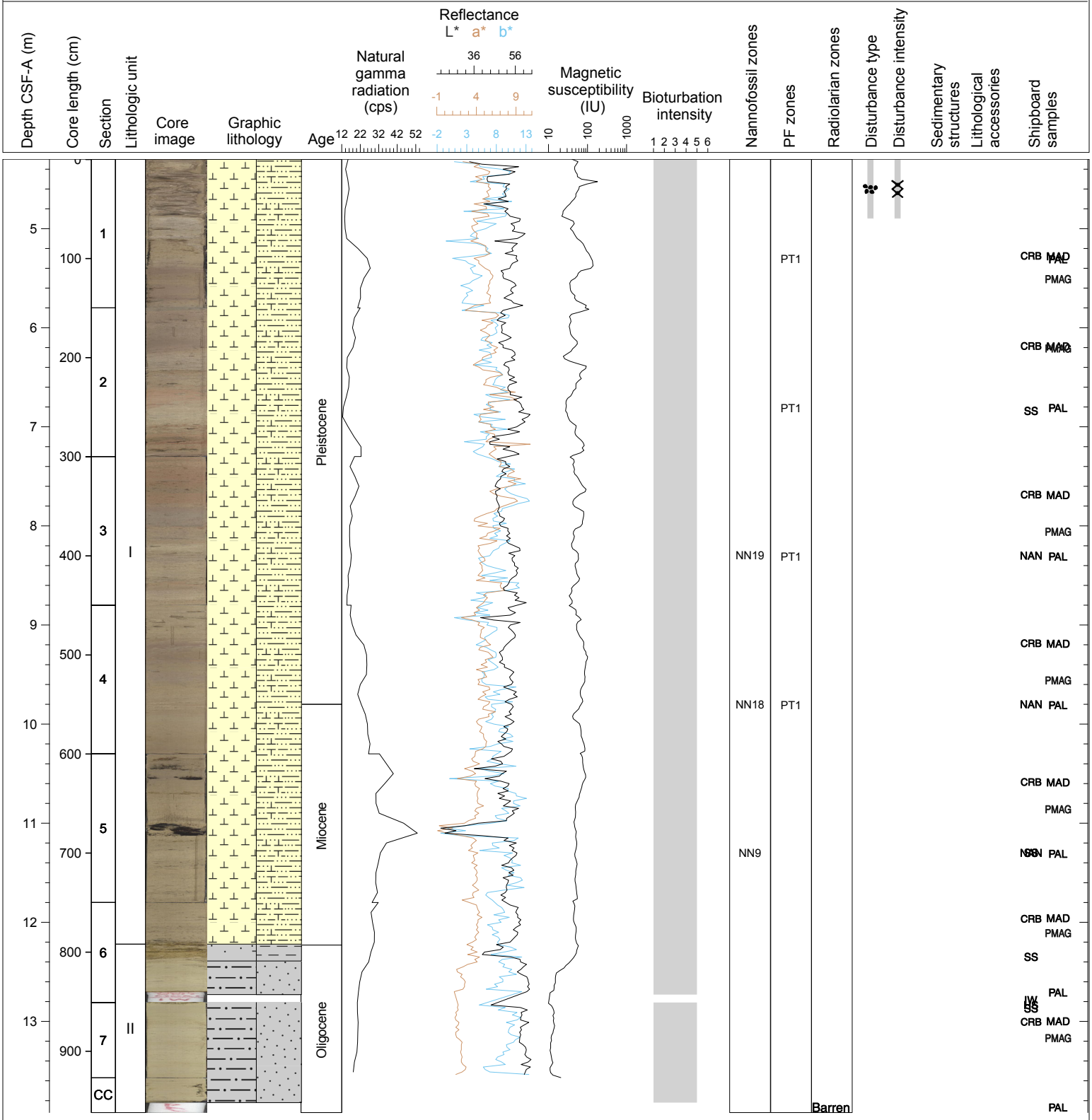
Hole 342-U1408A Core 1H, Interval 0.0-4.38 m (CSF-A)

Core U1408A-1H appears to be a complete mudline. Sediment is brown and gray clayey silt atop light brown (7.5YR 6/3) nannofossil ooze. Bioturbation appears complete. The pinkish grey nannofossil ooze has layers and blebs of clayey brick red sediment throughout.



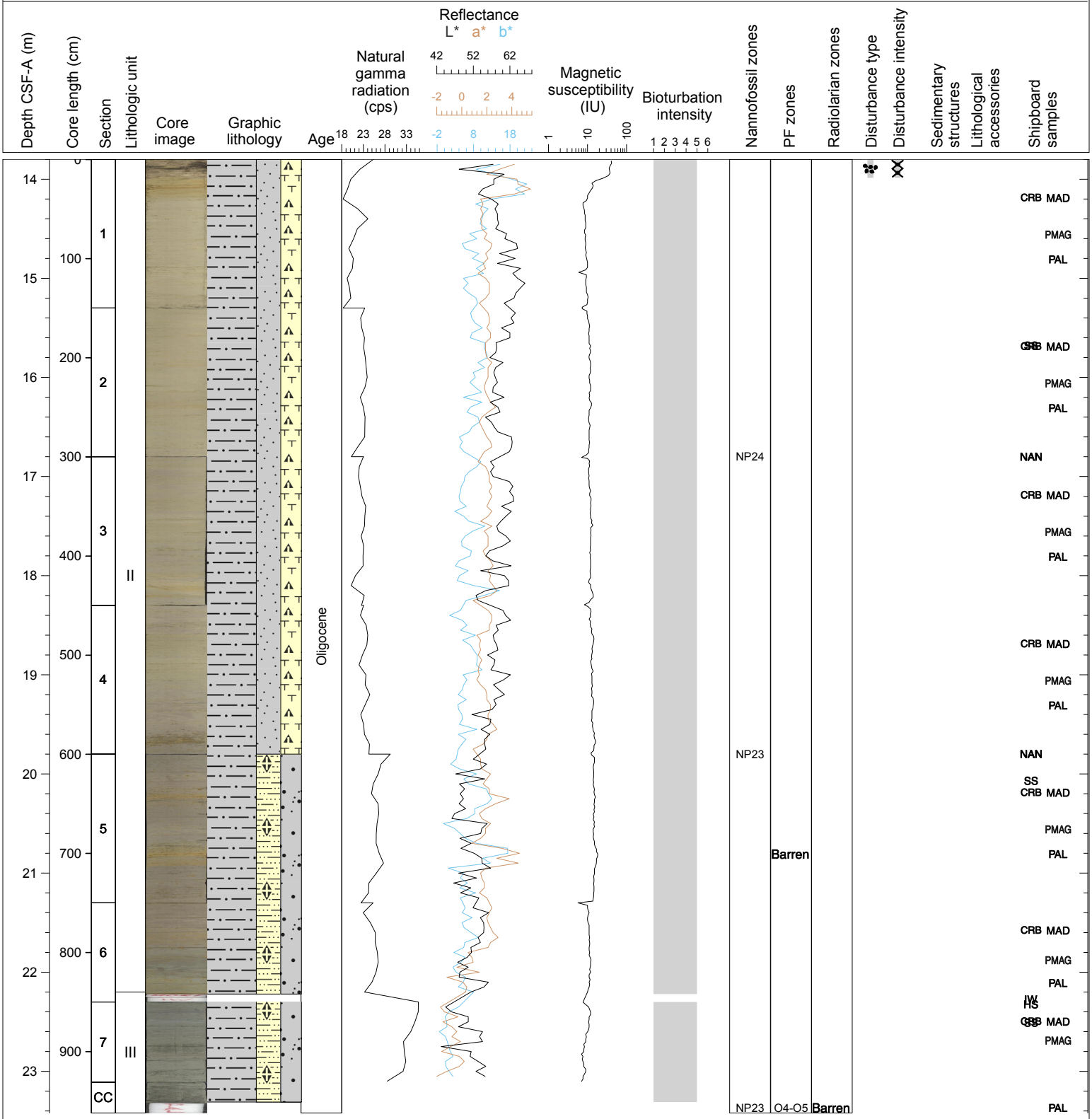
Hole 342-U1408A Core 2H, Interval 4.3-13.92 m (CSF-A)

The top of Core U1408A-2H is a brown (7.5YR 6/3) foraminiferal nannofossil ooze with large Mn nodules and very abundant flecks of Mn. At 50cm in section 6 there is a contact between this nannofossil ooze and a pale yellow (2.5Y 7/3) silty clay. Fall-in disturbs the top 60 cm of Section 1.



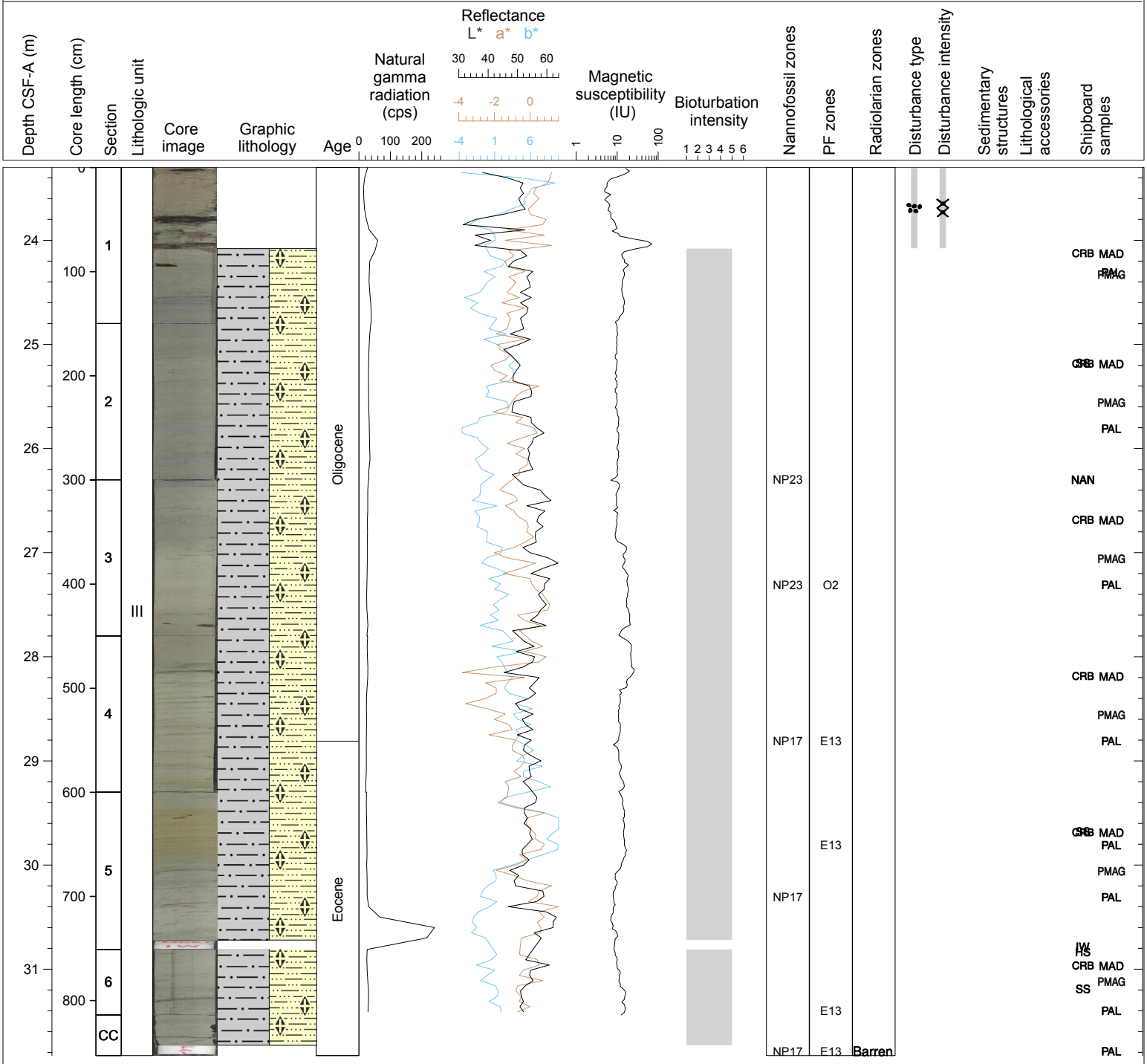
Hole 342-U1408A Core 3H, Interval 13.8-23.42 m (CSF-A)

Core U1408A-3H is a silty clay with nannofossils to nannofossil clay with silt. Color grades downwards from pale yellow (2.5Y 7/3) to greenish gray (10Y 5/1). The upper (pale yellow) sections have abundant layers and flecks of rusty Mn oxide. The lower, greenish grey sections have abundant layers and flecks of darker material, possibly oxides or sulfies. Fall-in disturbs the top 19 cm of Section 1.



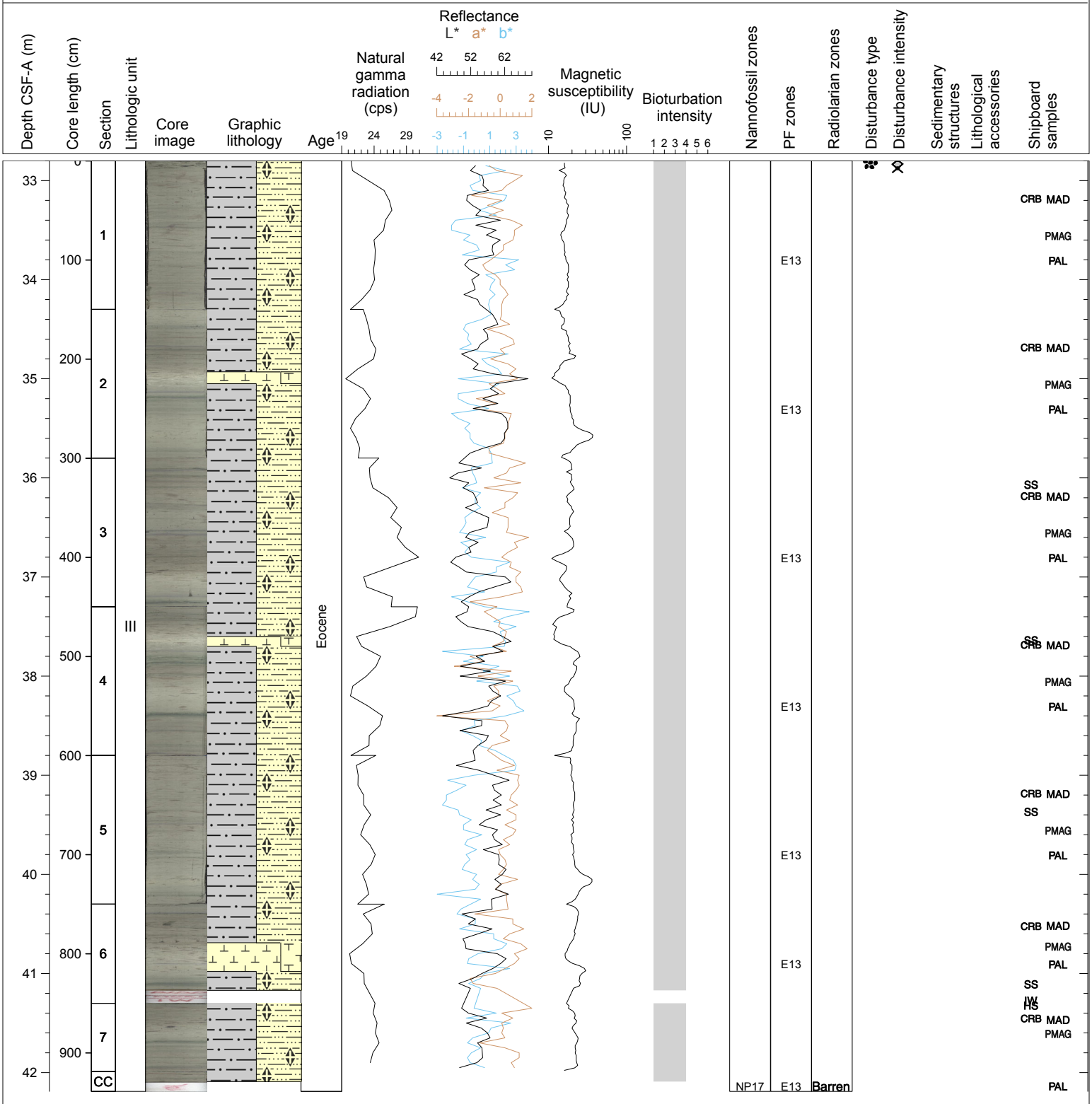
Hole 342-U1408A Core 4H, Interval 23.3-31.83 m (CSF-A)

Core U1408A-4H is a nannofossil clay. The color is greenish gray (5GY 5/1, 10Y 5/1) with the exception of one notable ~50 cm light yellowish gray (2.5Y 6/4). Frequent green (5G 5/1) layers are present in the lower 3 sections of the core. Fall-in disturbs the top 78 cm of Section 1.



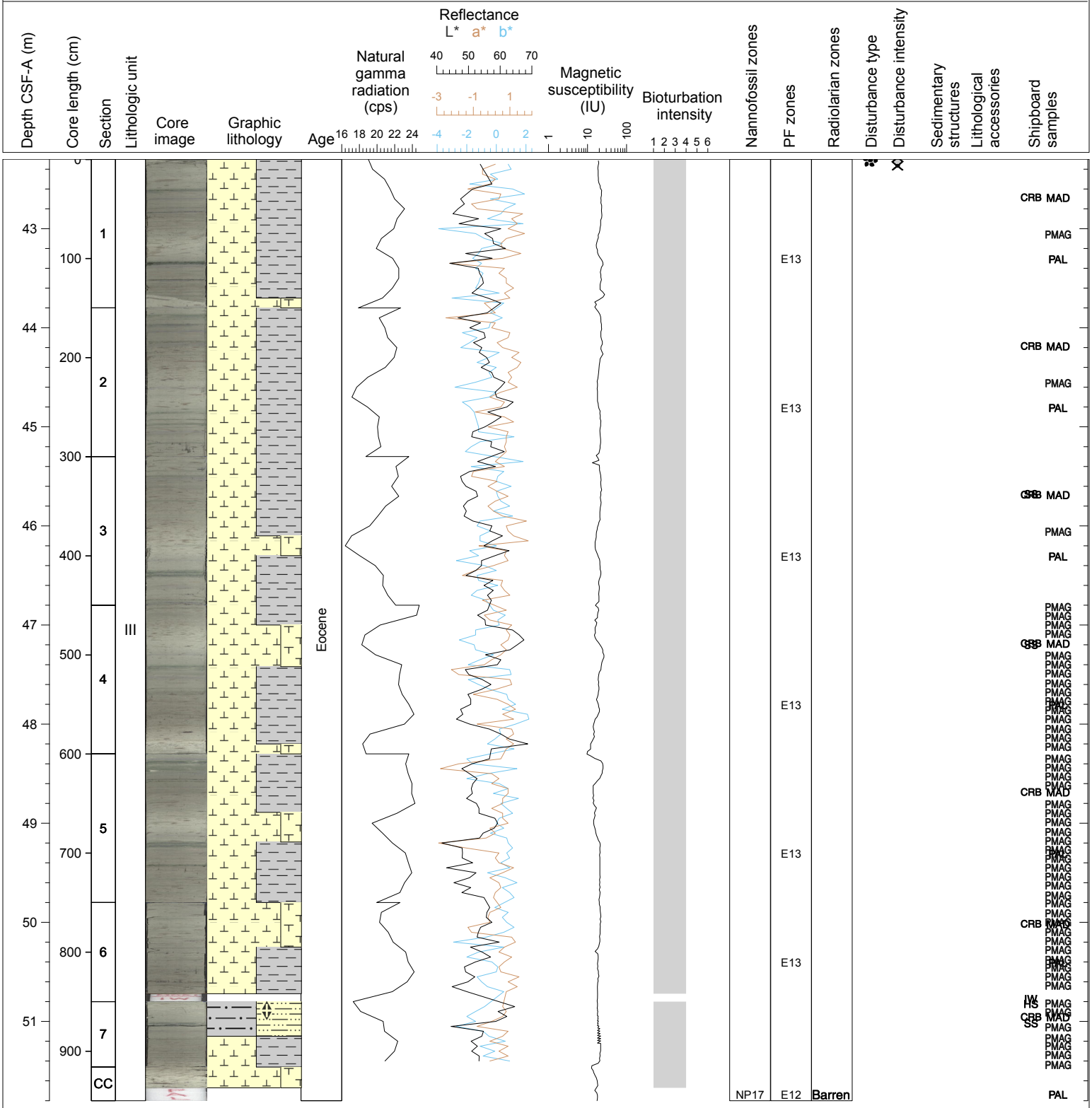
Hole 342-U1408A Core 5H, Interval 32.8-42.19 m (CSF-A)

Core U1408A-5H is a variable greenish gray (5GY 5/1, 10Y 6/1) nannofossil clay, puncutated by several lighter (5GY 7/1) intervals of nannofossil ooze with foraminifera. There are green mottles and layers as well as brownish blebs throughout, and two microfaults are present. Fall-in disturbs the top 7 cm of Section 1.



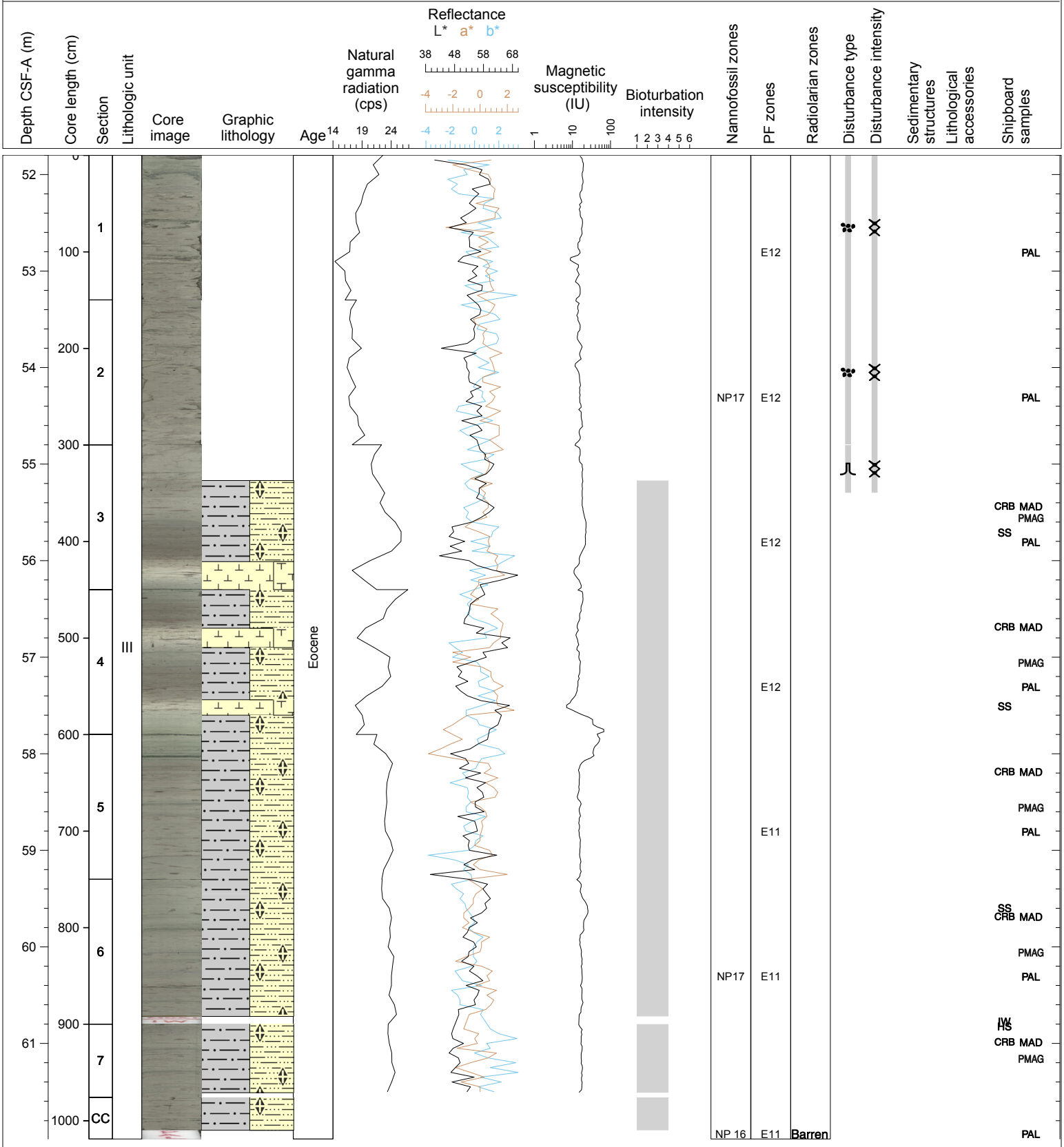
Hole 342-U1408A Core 6H, Interval 42.3-51.8 m (CSF-A)

Core U1408A-6H is a clayey nannofossil ooze to nannofossil ooze with foraminifers. The dominant color is greenish gray (5GY 5/1) but alternates with darker (5GY 4/1) and lighter (5GY 6/1 and 5GY 7/1) more carbonate rich intervals. Thin green (5G 5/1) layers and sulfide mottling and flecks throughout. Fall-in disturbs the top 5 cm of Section 1.



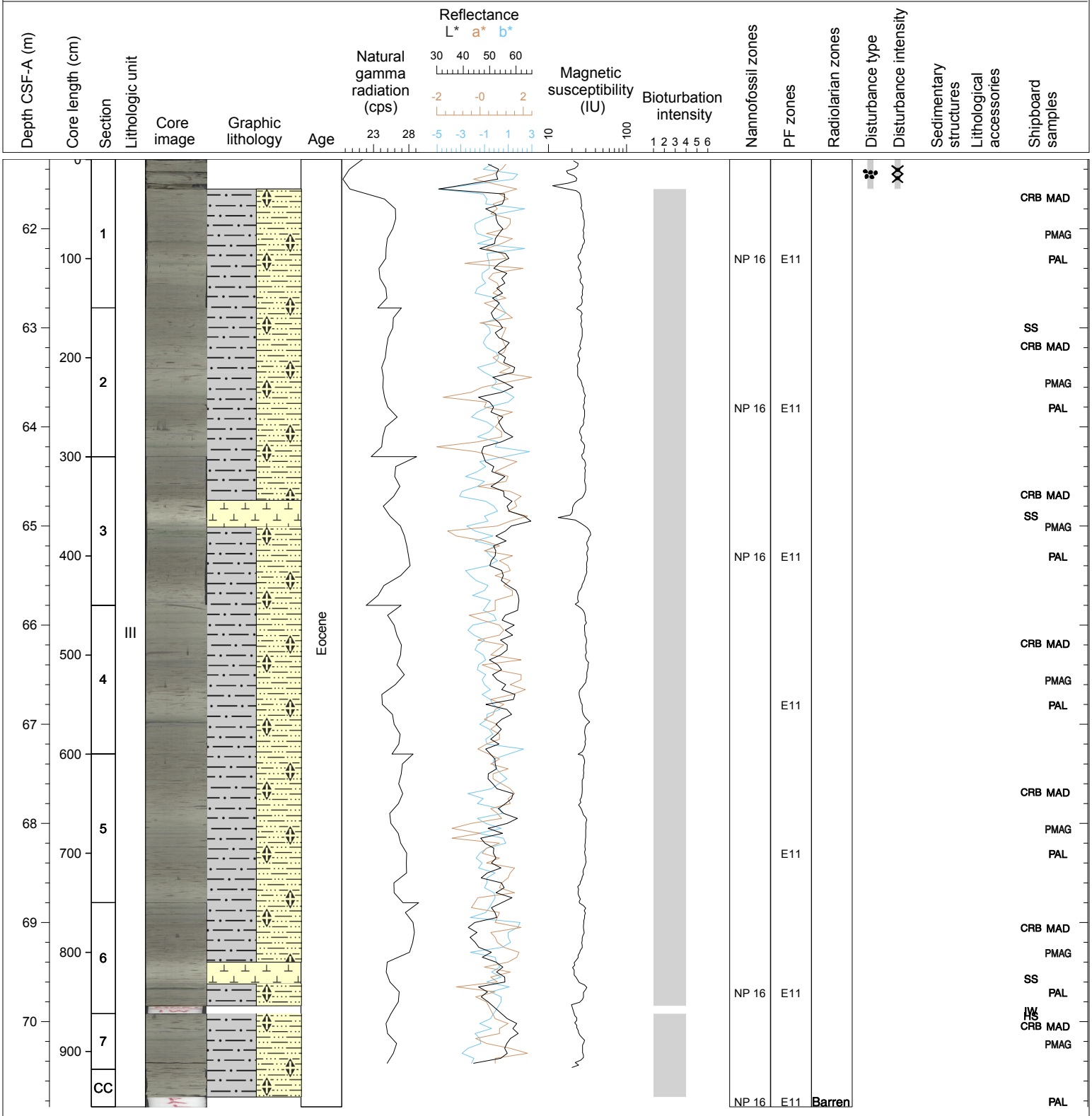
Hole 342-U1408A Core 7H, Interval 51.8-61.99 m (CSF-A)

Core U1408A-7H is a clayey nannofossil ooze to nannofossil ooze with foraminifers. The dominant color is greenish gray (5GY 5/1 and 5GY 4/1) but alternates with darker (5GY 4/1) and lighter (5GY 6/1 and 5GY 7/1 and 5GY 8/1) more carbonate rich intervals. Thin green (5G 5/1) layers and sulfide mottling and flecks throughout. Fall-in is noted for Sections 1 through 3.



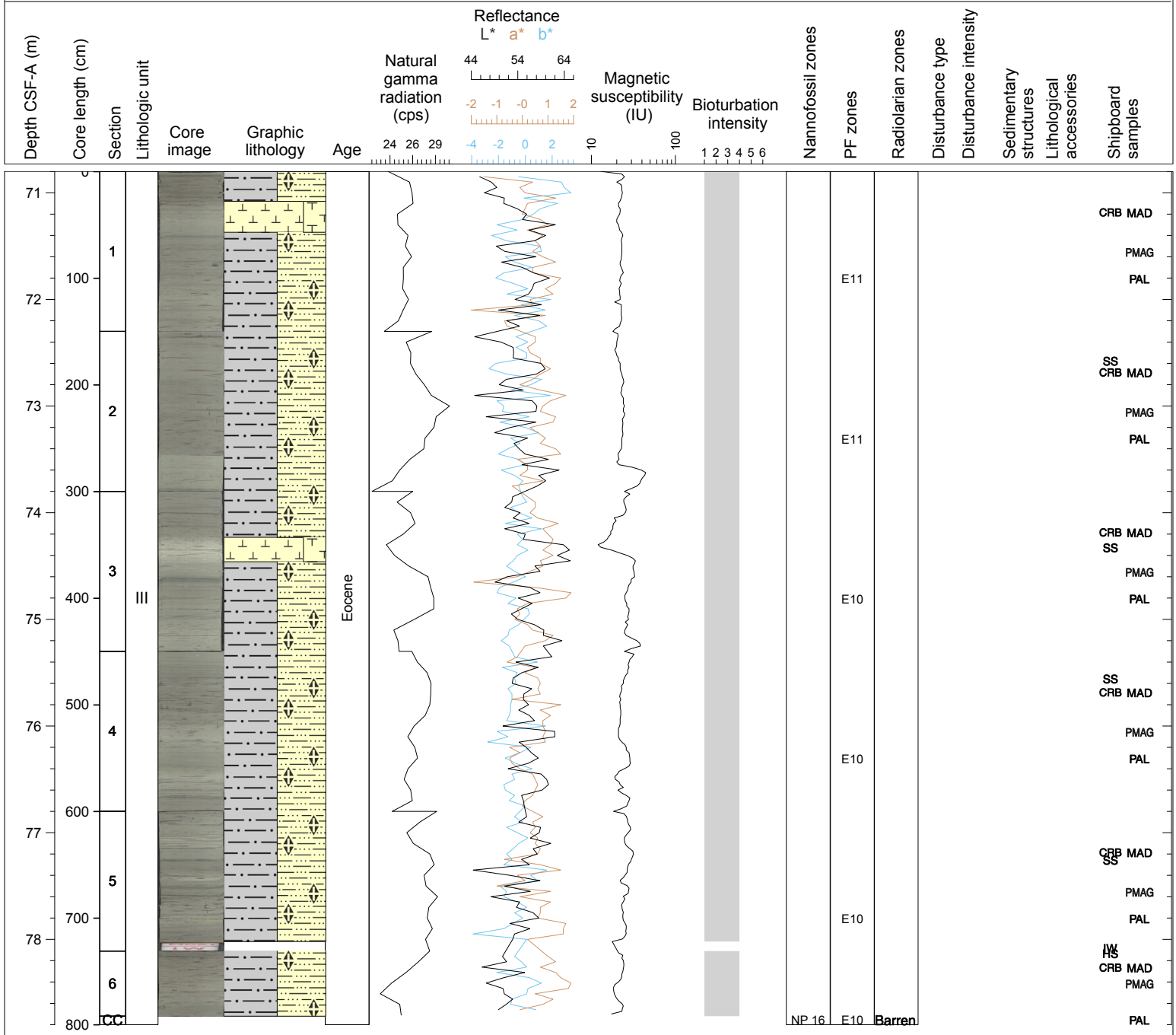
Hole 342-U1408A Core 8H, Interval 61.3-70.86 m (CSF-A)

Core U1408A-8H is a clayey nannofossil ooze to nannofossil ooze with foraminifers. The dominant color is greenish gray (5GY 5/1 and 5GY 4/1) but alternates with darker (5GY 4/1) and lighter (5GY 6/1 and 5GY 7/1 and 5GY 8/1) more carbonate rich intervals. Thin green (5G 5/1) layers and sulfide mottling and flecks throughout. Fall-in disturbs the top 30 cm of Section 1.



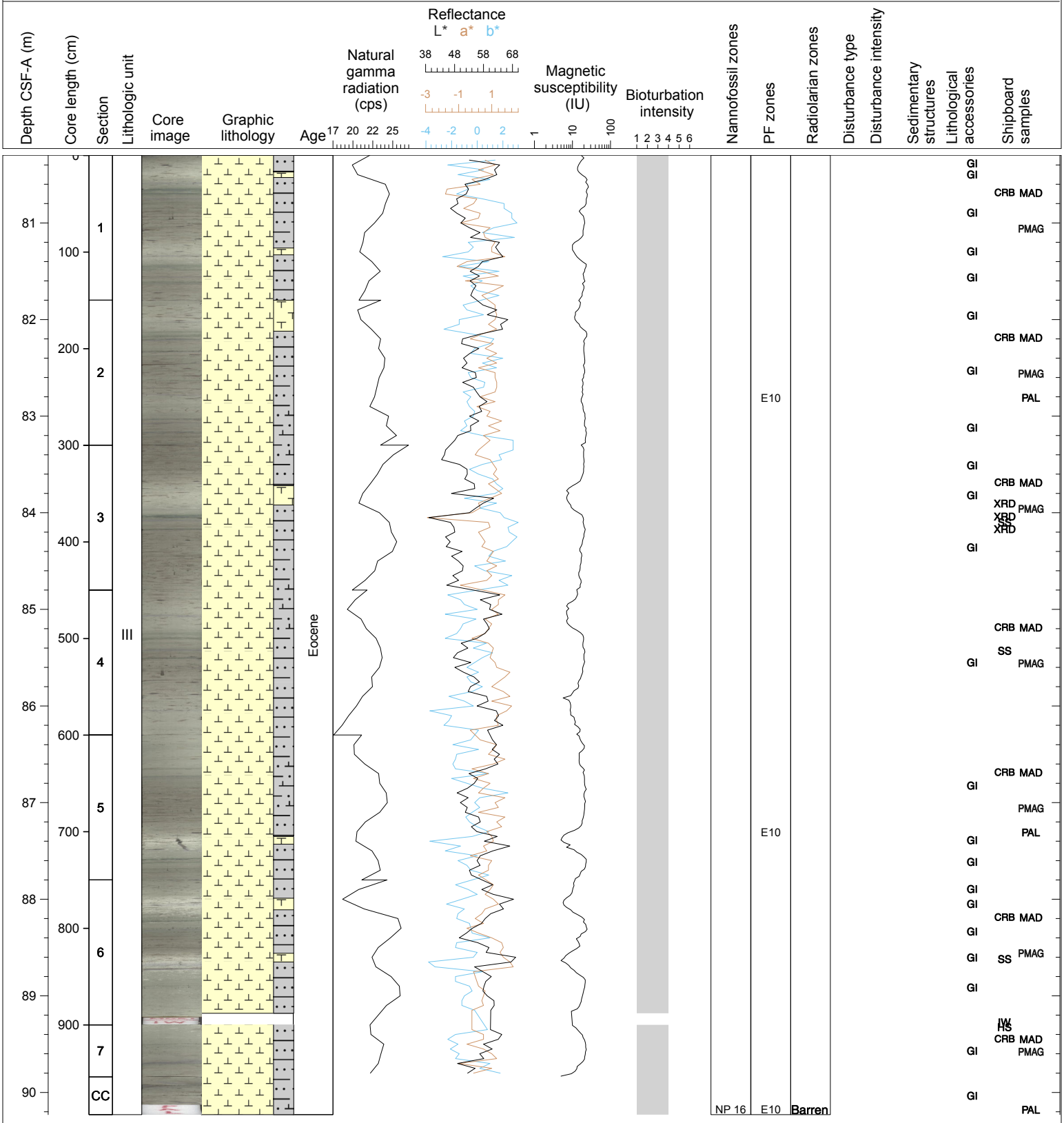
Hole 342-U1408A Core 9H, Interval 70.8-78.8 m (CSF-A)

Core U1408A-9H is a clayey nannofossil ooze to nannofossil ooze with foraminifers. The dominant color is greenish gray (5GY 6/) with one notable lighter (5GY 7/1) more carbonate rich interval in section 3. Thin green (5G 5/1) layers and sulfide mottling and flecks throughout. Cores 4 and 5 feature abundant microfaults.



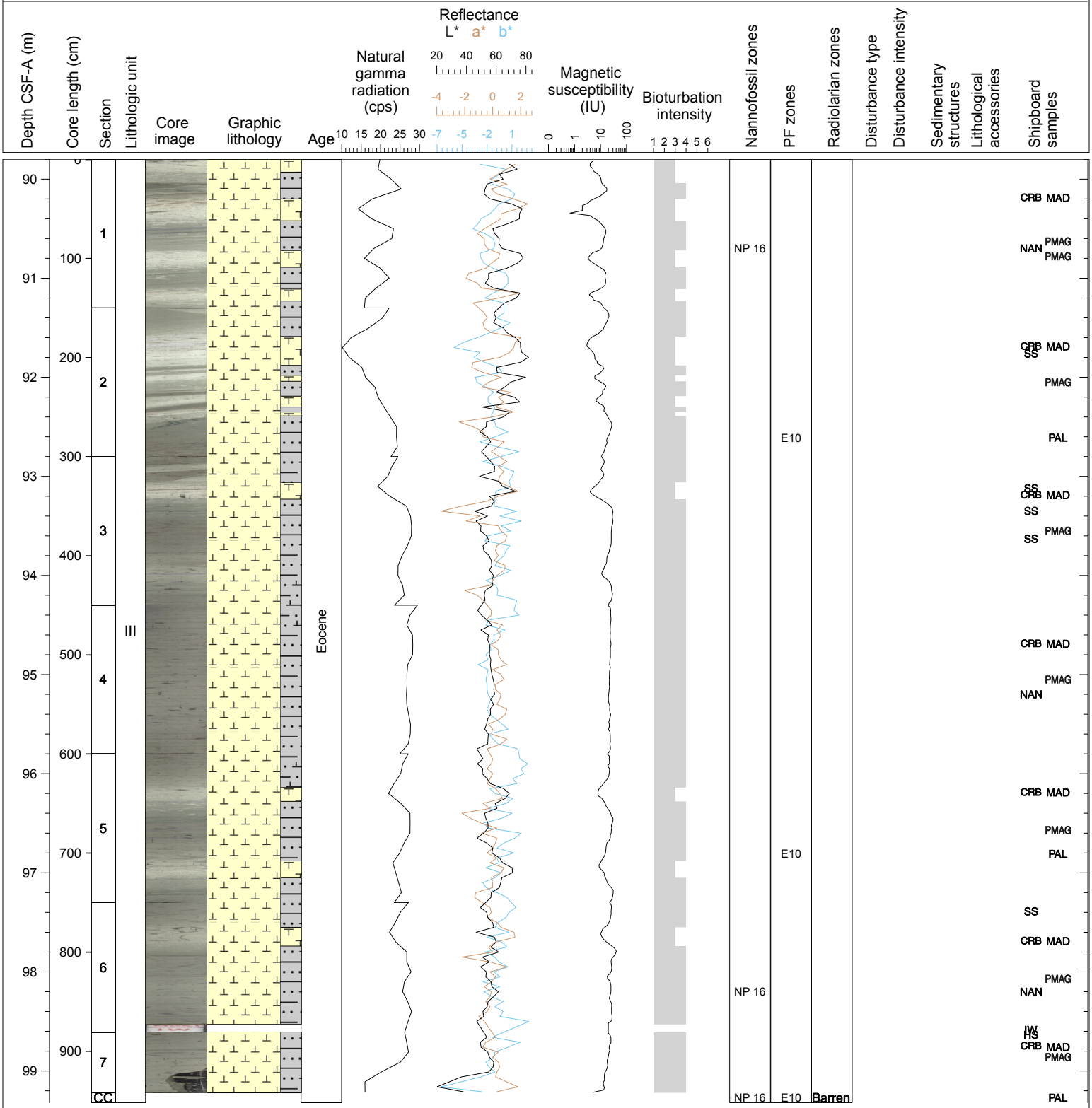
Hole 342-U1408A Core 10H, Interval 80.3-90.23 m (CSF-A)

Core U1408A-10H is a nannofossil ooze with clay 10Y 6/1 (greenish gray), which cycles to lighter foraminiferal zones 10Y 8/1 (light greenish gray) to N 7 (light gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity.



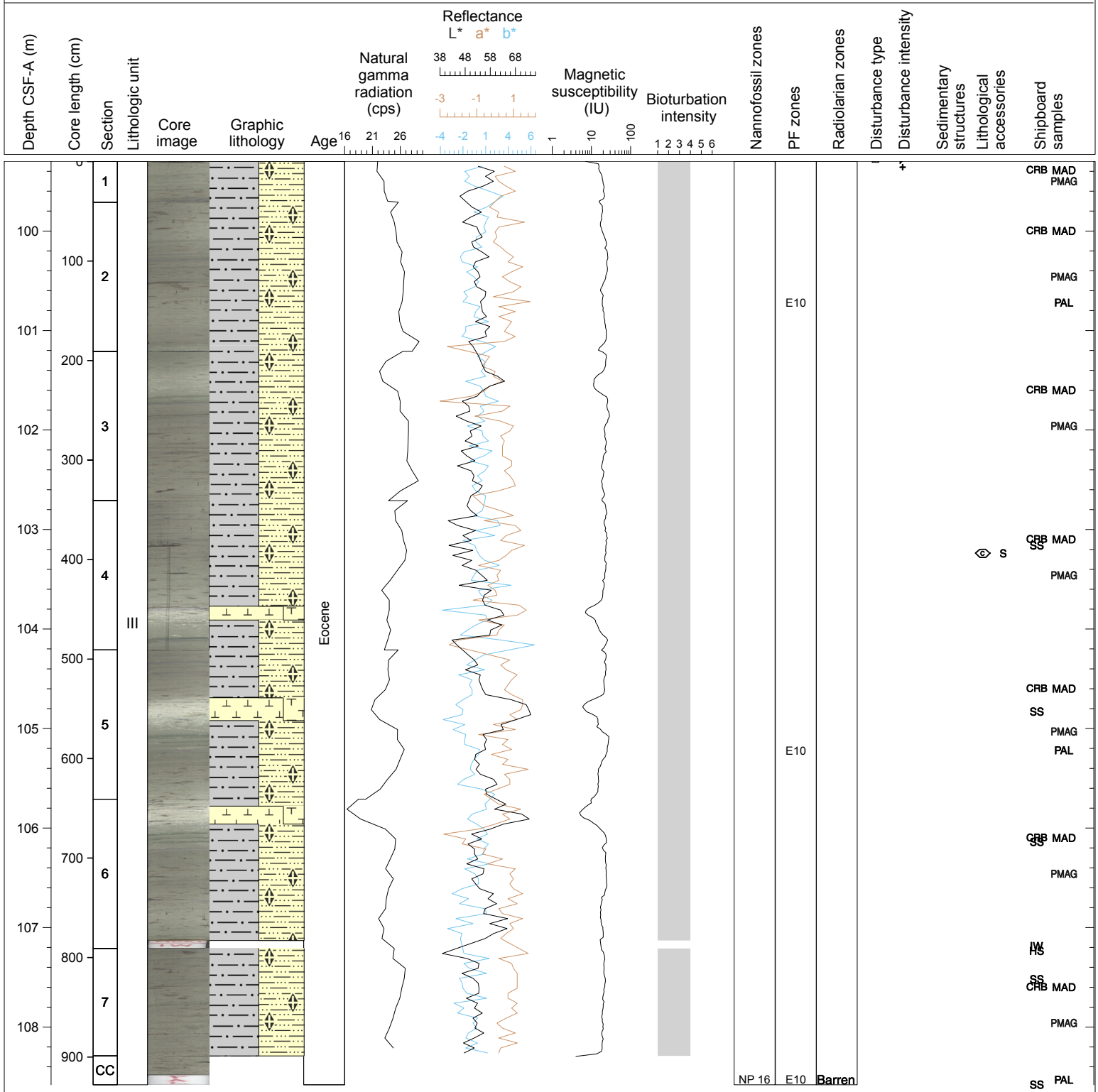
Hole 342-U1408A Core 11H, Interval 89.8-99.32 m (CSF-A)

Core U1408A-11H is characterized by striking white bands N 8 (white) nannofossil ooze with foraminifers interspersed with nannofossil clay 10Y 6/1 (greenish gray), which cycles to lighter foraminiferal zones 10Y 8/1 (light greenish gray) to N 7 (light gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. Some sedimentary structures are evident in Section 2 with dipping lighter horizons.



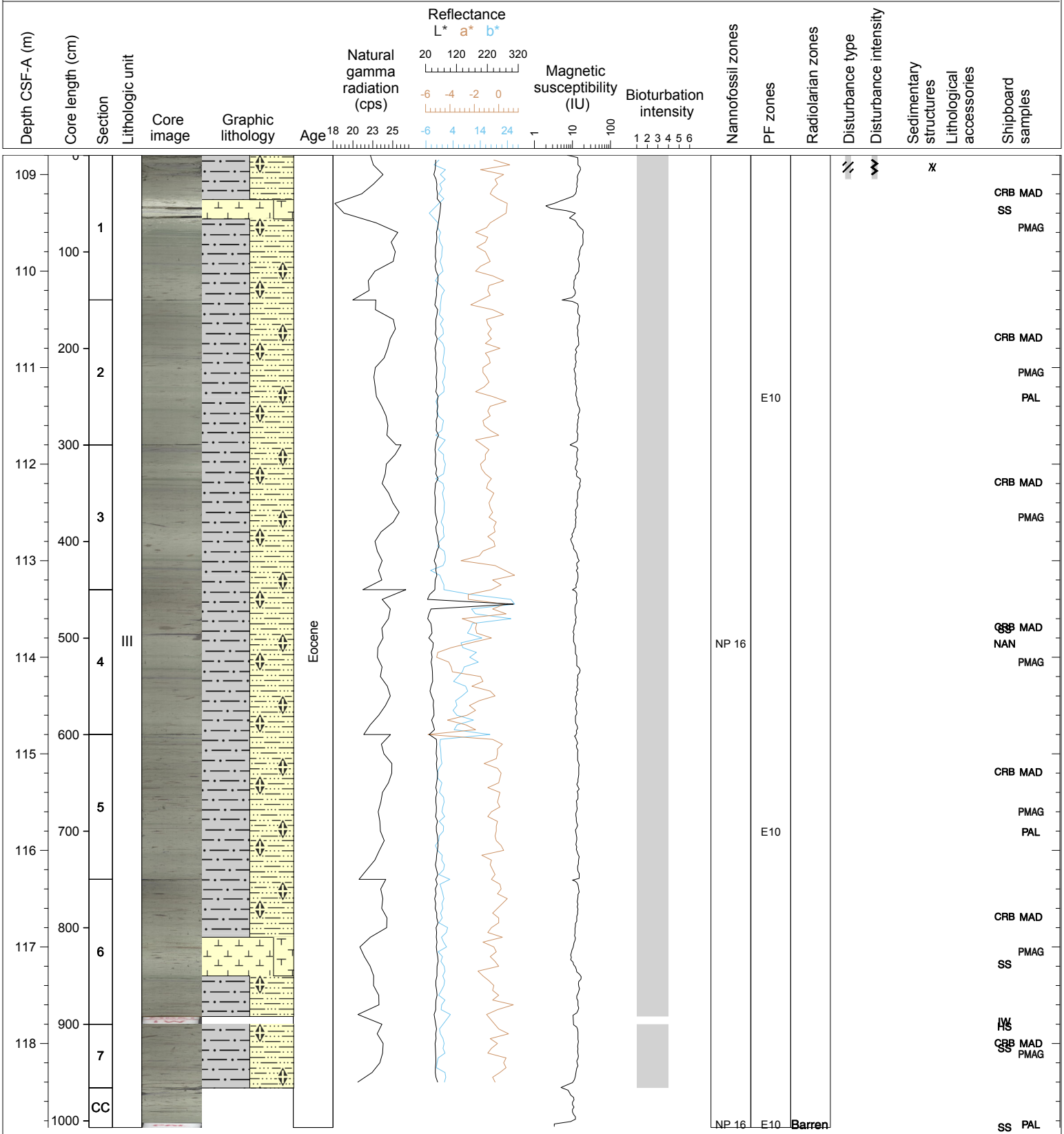
Hole 342-U1408A Core 12H, Interval 99.3-108.58 m (CSF-A)

Core U1408A-12H contains striking white bands N 8 (white) nannofossil ooze with foraminifers interspersed with nannofossil clay 10Y 6/1 (greenish gray), which cycles to lighter foraminiferal zones 10Y 8/1 (light greenish gray) to N 7 (light gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. It was noted that the white layers are preceded by 3 distinct glauconite/chlorite rich bands. There is a 1 cm wide void at the top of Section 1.



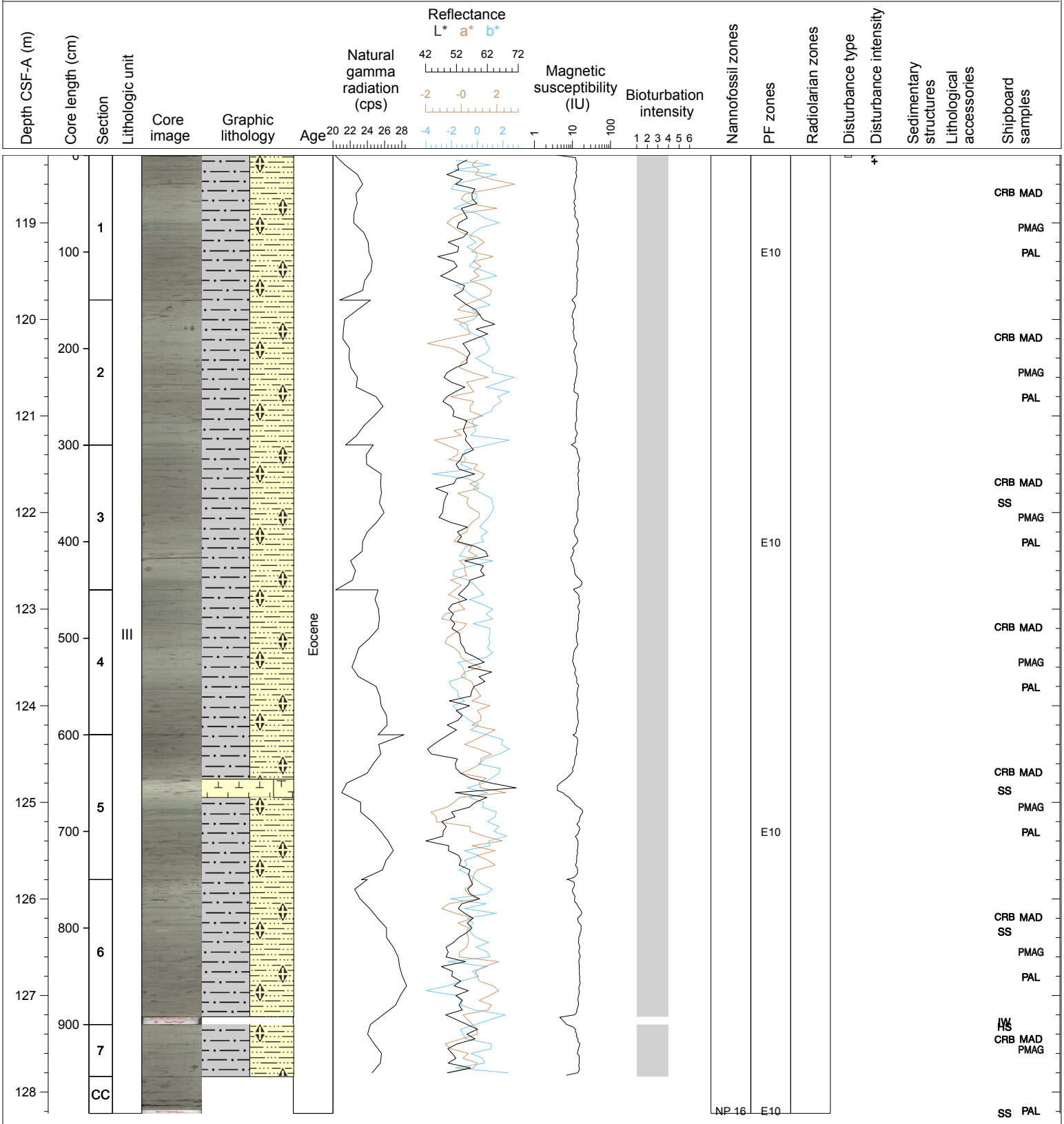
Hole 342-U1408A Core 13H, Interval 108.8-118.87 m (CSF-A)

Core U1408A-13H contains one striking white band N 8 (white) nannofossil ooze with foraminifers in the first section, interspersed with nannofossil clay 10Y 6/1 (greenish gray), which cycles to lighter foraminiferal zones 10Y 8/1 (light greenish gray) to N 7 (light gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. It was noted that the white layers are preceded by 3 distinct glauconite/chlorite rich bands. Fractures disturb the first 25 cm of Section 1.



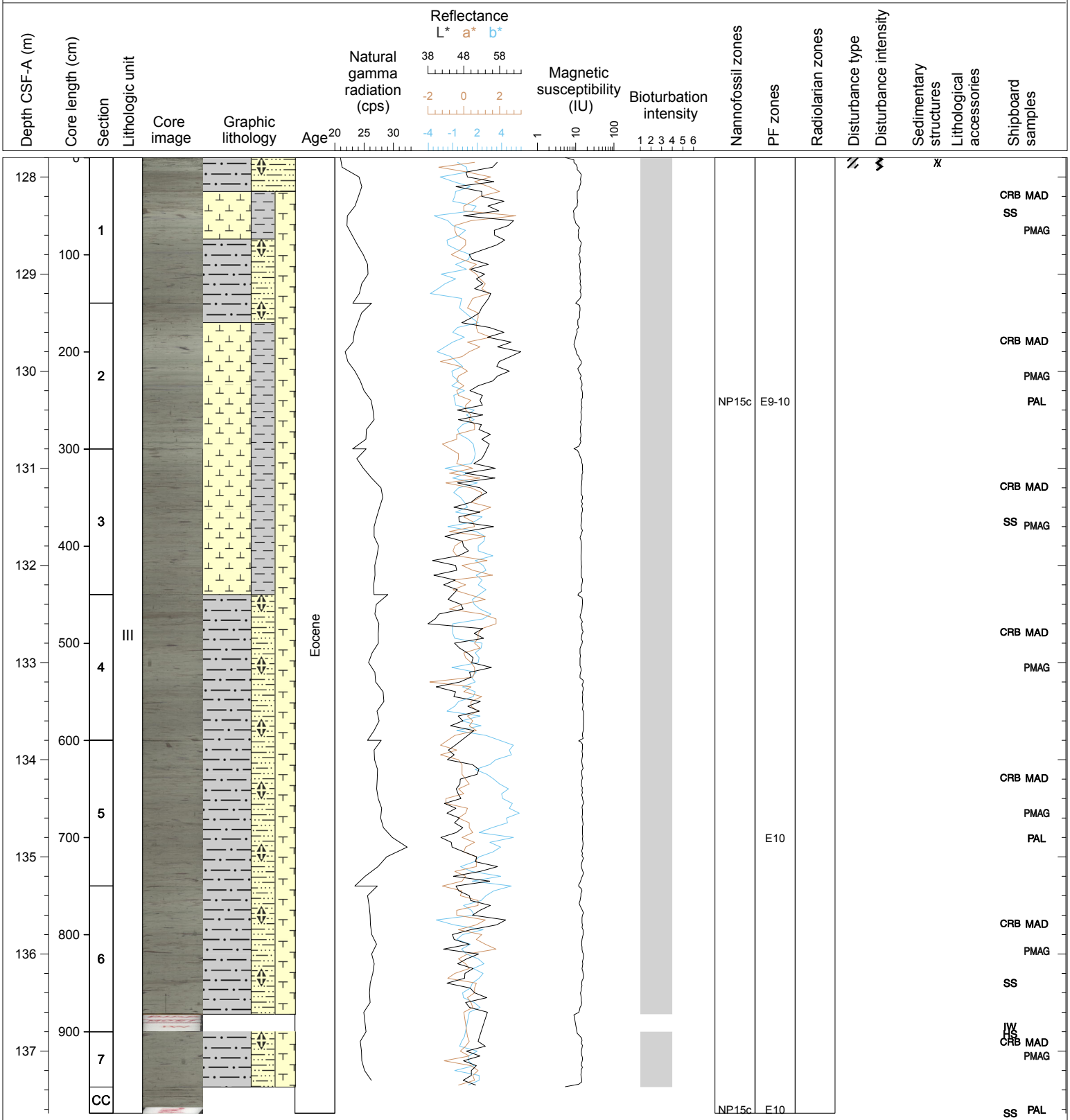
Hole 342-U1408A Core 14H, Interval 118.3-128.22 m (CSF-A)

Core 1408A-14H is comprised of nannofossil clay 10Y 5/1 (greenish gray) with one 5GY 8/1 (light greenish gray) nannofossil ooze with foraminifers in the fifth section. Glauconite occurs in discrete bands and burrowing is moderate in intensity. It was noted that the white layers are preceded by 3 (or 4 or 5) distinct glauconite/chlorite rich green bands. A void occupies the first 2 cm of Section 1.



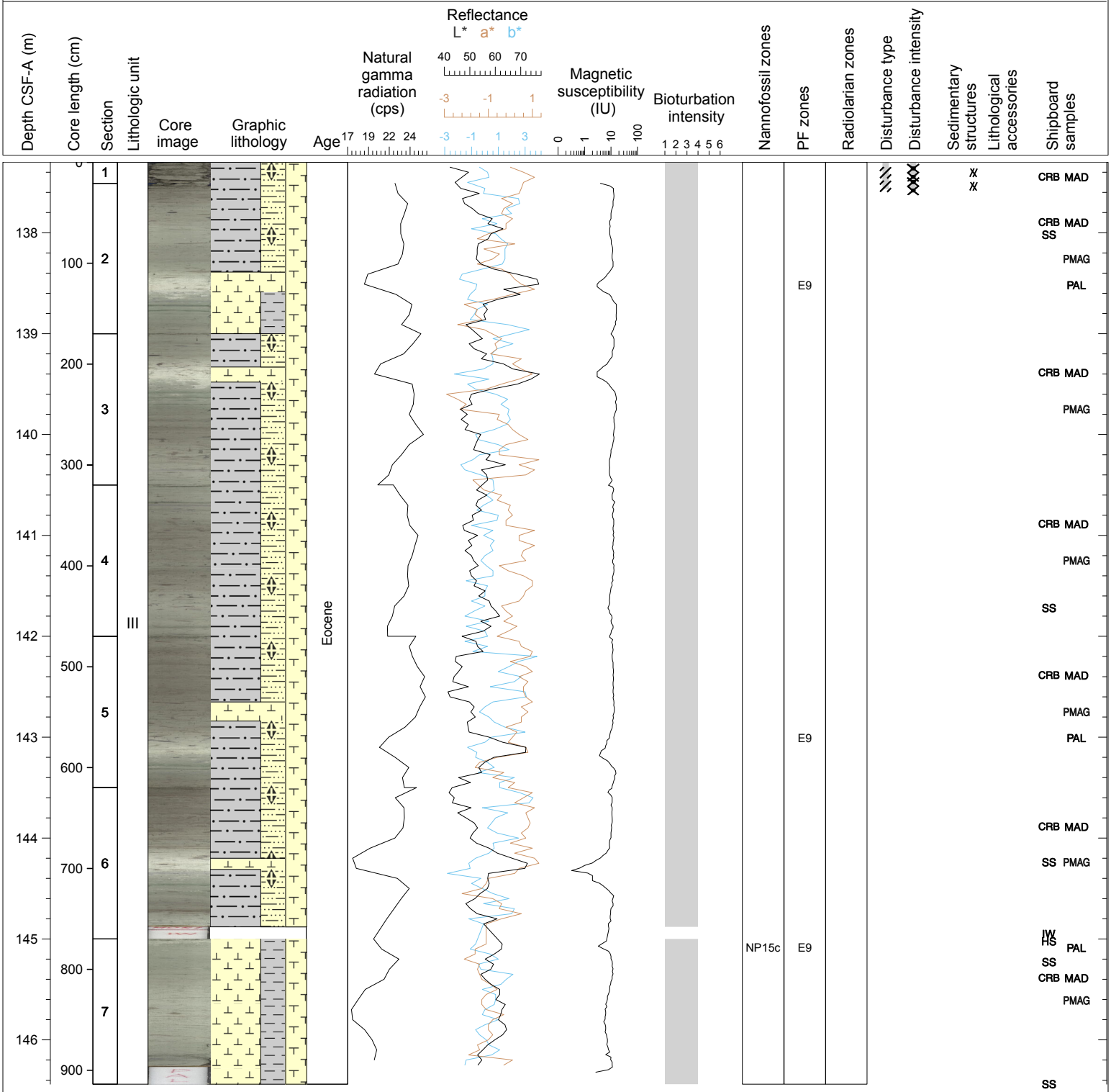
Hole 342-U1408A Core 15H, Interval 127.8-137.64 m (CSF-A)

Core 1408A-15H is comprised of nannofossil clay with forams and clayey nannofossil ooze with forams and vary in color from 10Y 5/1 (greenish gray) to 5GY 6/1 (greenish gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. Fracturing disturbs the first 11 cm of Section 1.



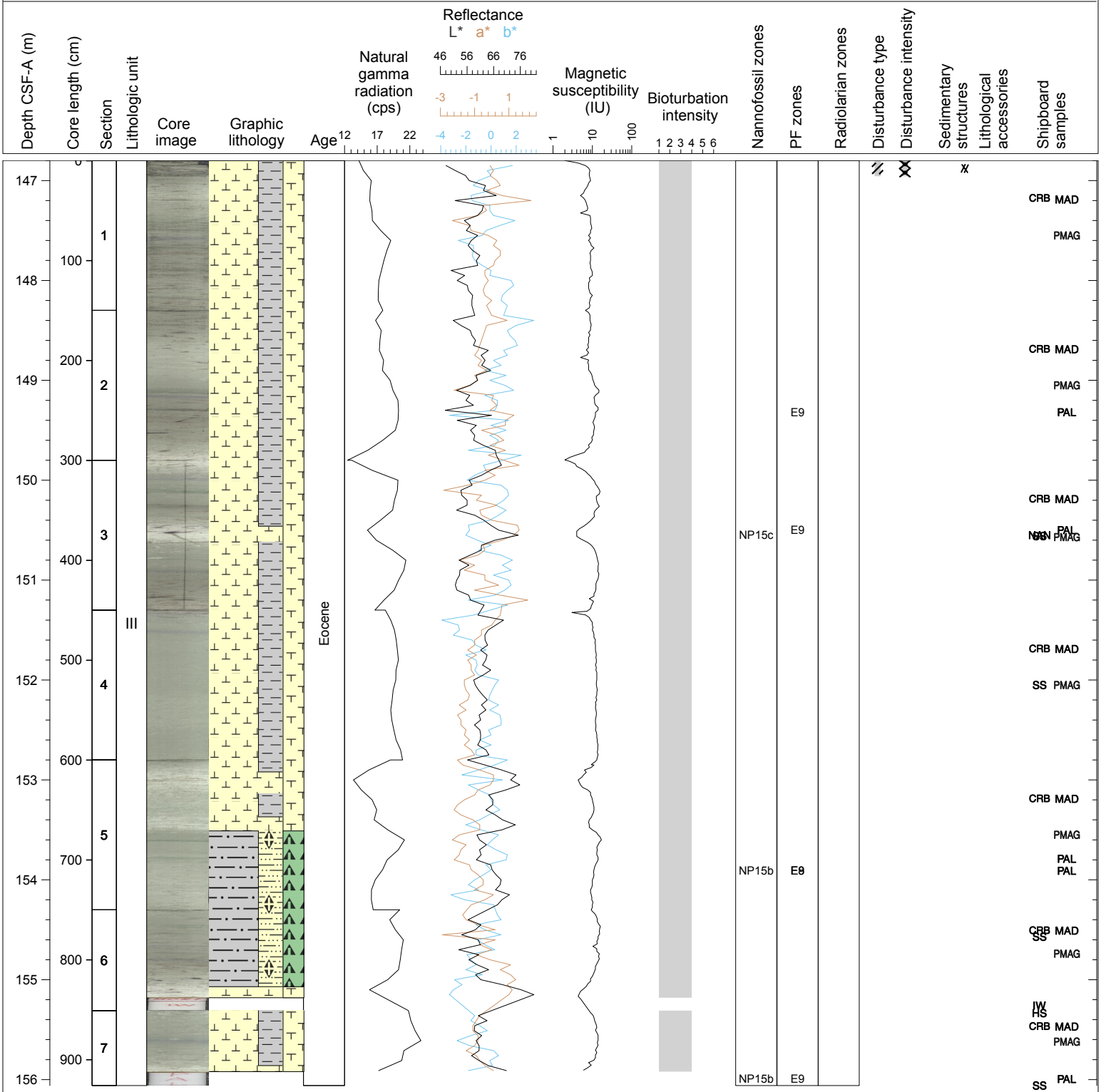
Hole 342-U1408A Core 16H, Interval 137.3-146.44 m (CSF-A)

The sediments of Core U1408A-16H vary from a nannofossil clay with foraminiferas to a clayey nannofossil ooze with foraminiferas to a few white (N 8) nannofossil ooze layers. The colors range from N 8 (white) to 5GY 6/1, 10Y 5/1 (greenish grey) to 5 GY 7/1 (light greenish grey). Radiolarians and Diatoms become more common from Section 4 down the core. Glauconite occurs in discrete bands and burrowing is moderate in intensity. Section 1 (0-21 cm) and 2 (0-6 cm) are fractured.



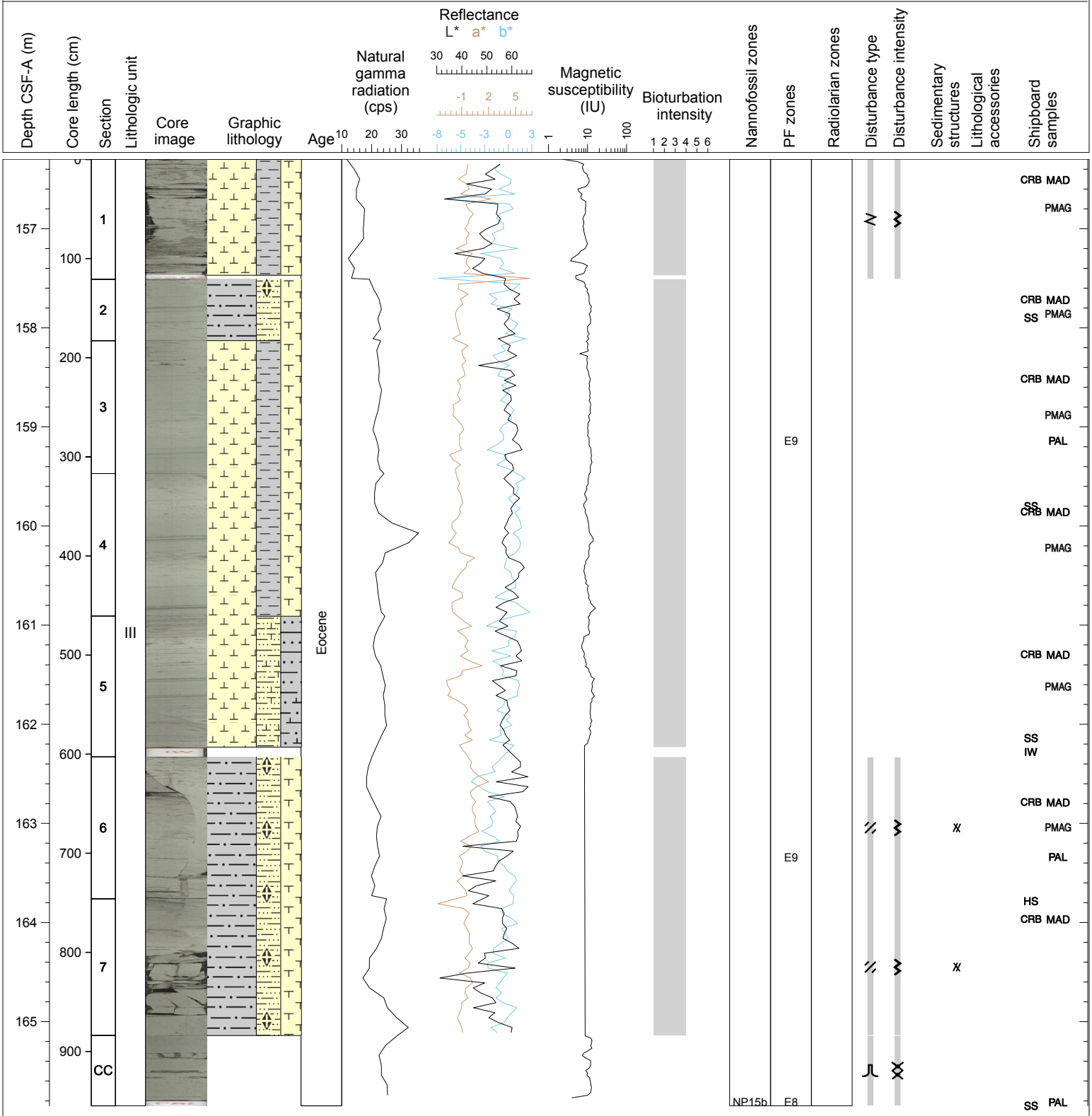
Hole 342-U1408A Core 17H, Interval 146.8-156.06 m (CSF-A)

Core U1408A-17H has N 8 (white) nannofossil ooze layers in Sections 3, 5, 6, and 7. The rest of the core is clayey nannofossil ooze with foraminifers and the color is 5GY 6/1 (greenish gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. The first 16 cm of Section 1 are fractured.



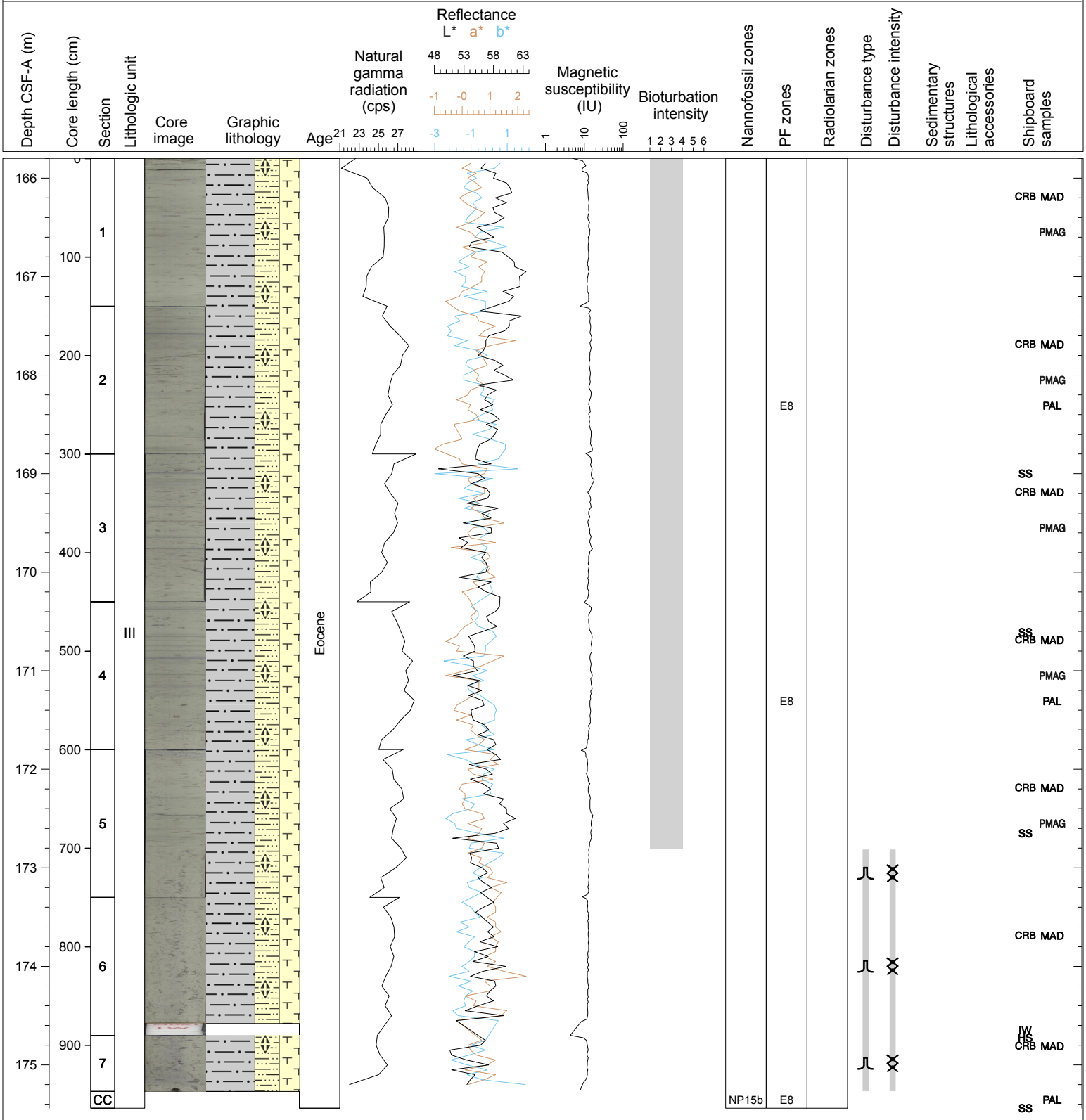
Hole 342-U1408A Core 18H, Interval 156.3-165.85 m (CSF-A)

Core U1408A-18H is clayey nannofossil ooze with foraminifers and the color is 5GY 6/1 (greenish gray) and 5GY 7/1 (light greenish gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. Section 1, 6, and 7 are fractured and fragmented, while the core catcher is distubred by flow-in.



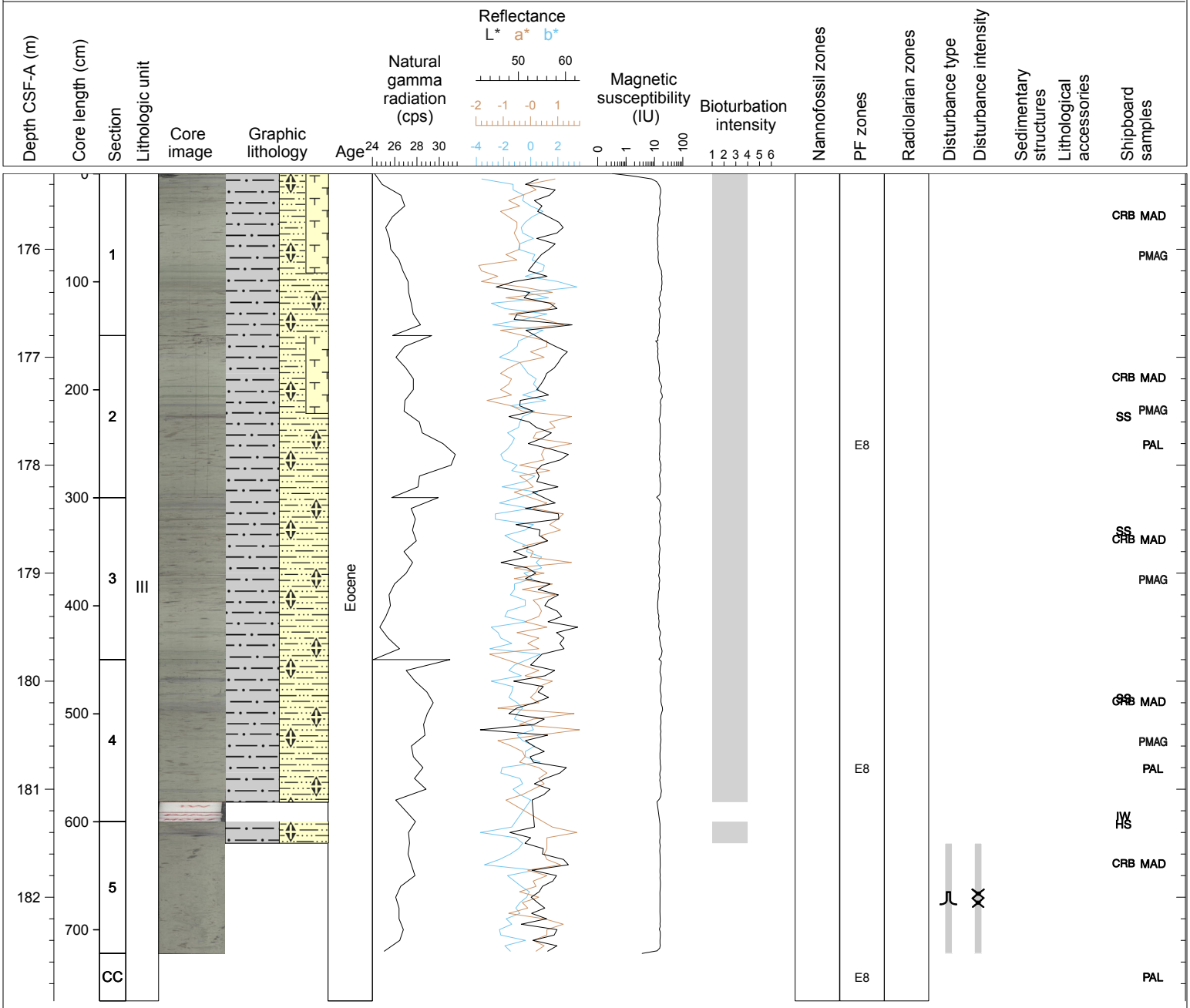
Hole 342-U1408A Core 19H, Interval 165.8-175.44 m (CSF-A)

Core U1408A-19H is clayey nannofossil ooze with foraminifers and the color is 5GY 6/1 (greenish gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. Sections 7, 6, and the bottom 50 cm of Section 5 are flow-in.



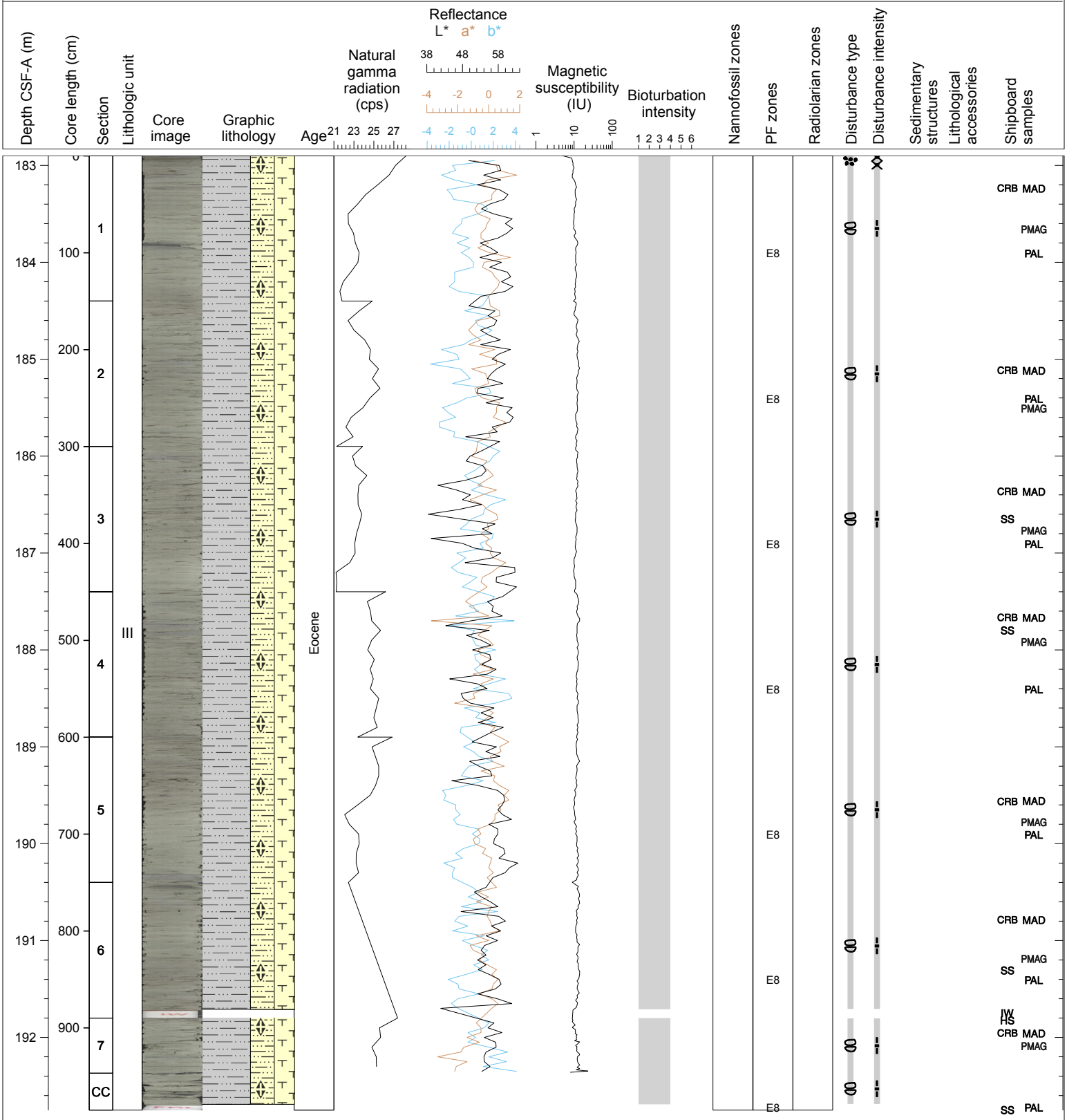
Hole 342-U1408A Core 20H, Interval 175.3-182.96 m (CSF-A)

Core U1408A-20H is nannofossil clay with foraminifers and the color is 10GY 6/1 (greenish gray). Two horizons of slightly ligther color (10Y 7/1) occur at the tops of sections 1 and 2. Glauconite occurs in discrete bands and burrowing is moderate in intensity. The bottom 100cm of Section 5 is flow-in.



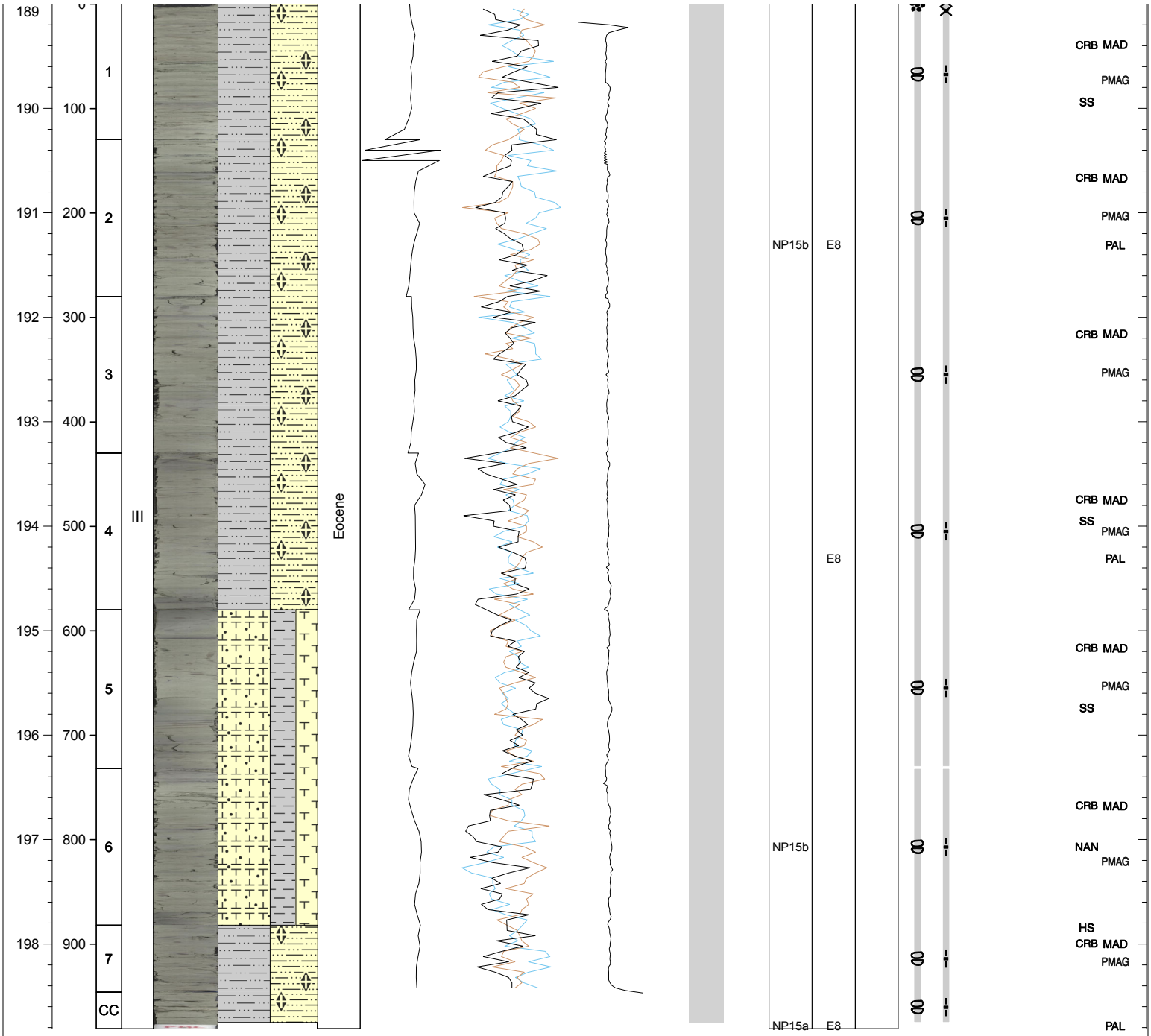
Hole 342-U1408A Core 21X, Interval 182.9-192.75 m (CSF-A)

Core U1408A-21X is nannofossil claystone with foraminifers and the color is 5GY 6/1 (greenish gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. The core is biscuited throughout.



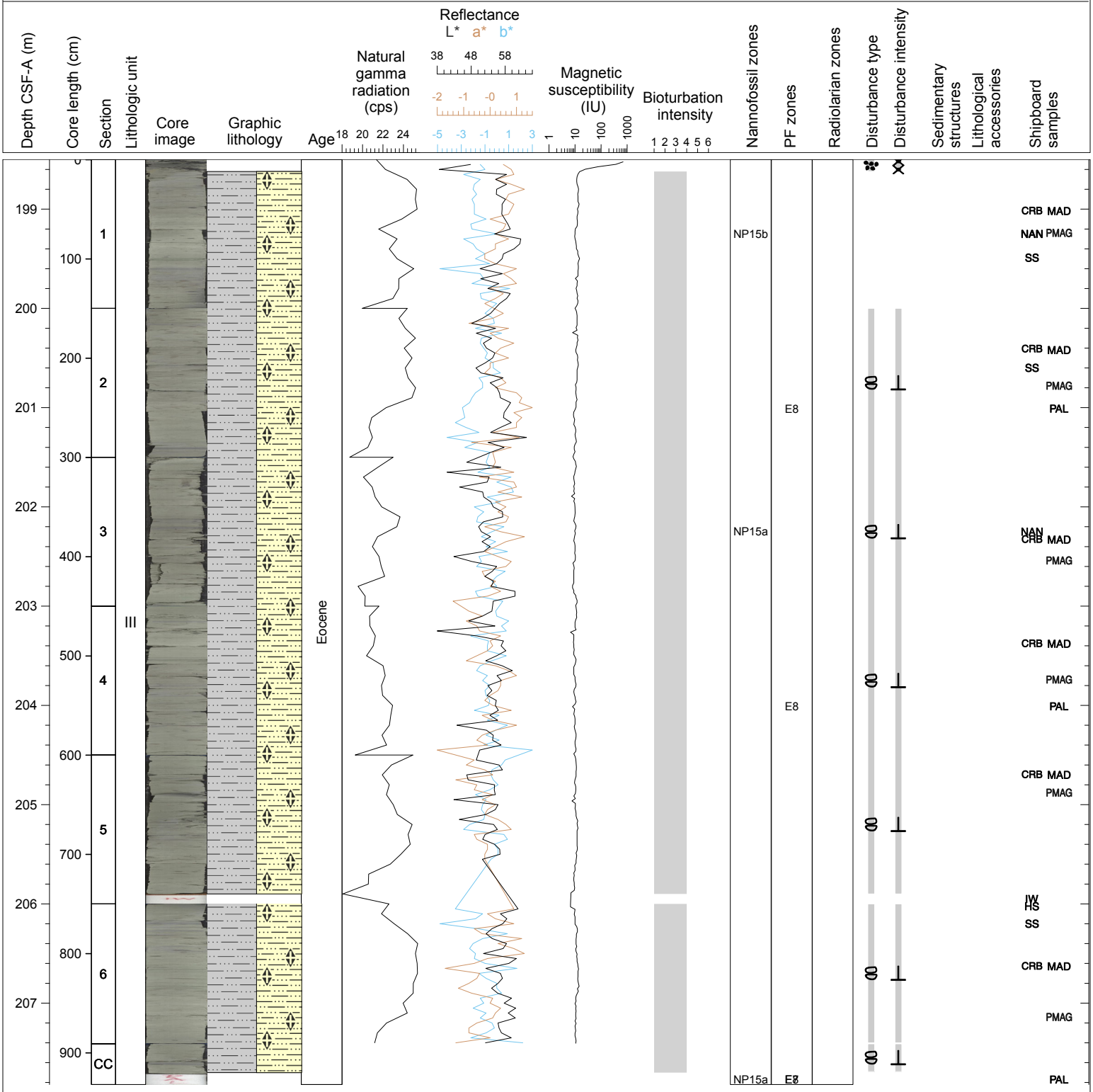
Hole 342-U1408A Core 22X, Interval 189.0-198.81 m (CSF-A)

Core U1408A-22X is nannofossil claystone and the color is 5GY 6/1and 10GY 6/1 (greenish gray) with the exception of sections 5 and 6 which are lighter in color (10GY 7/1) and and are clayey nannofossil ooze with foraminifers. Glauconite occurs in discrete bands and burrowing is moderate in intensity. There is a large gneiss dropstone in the 5cm of fall-in, and the core is biscuited throughout.



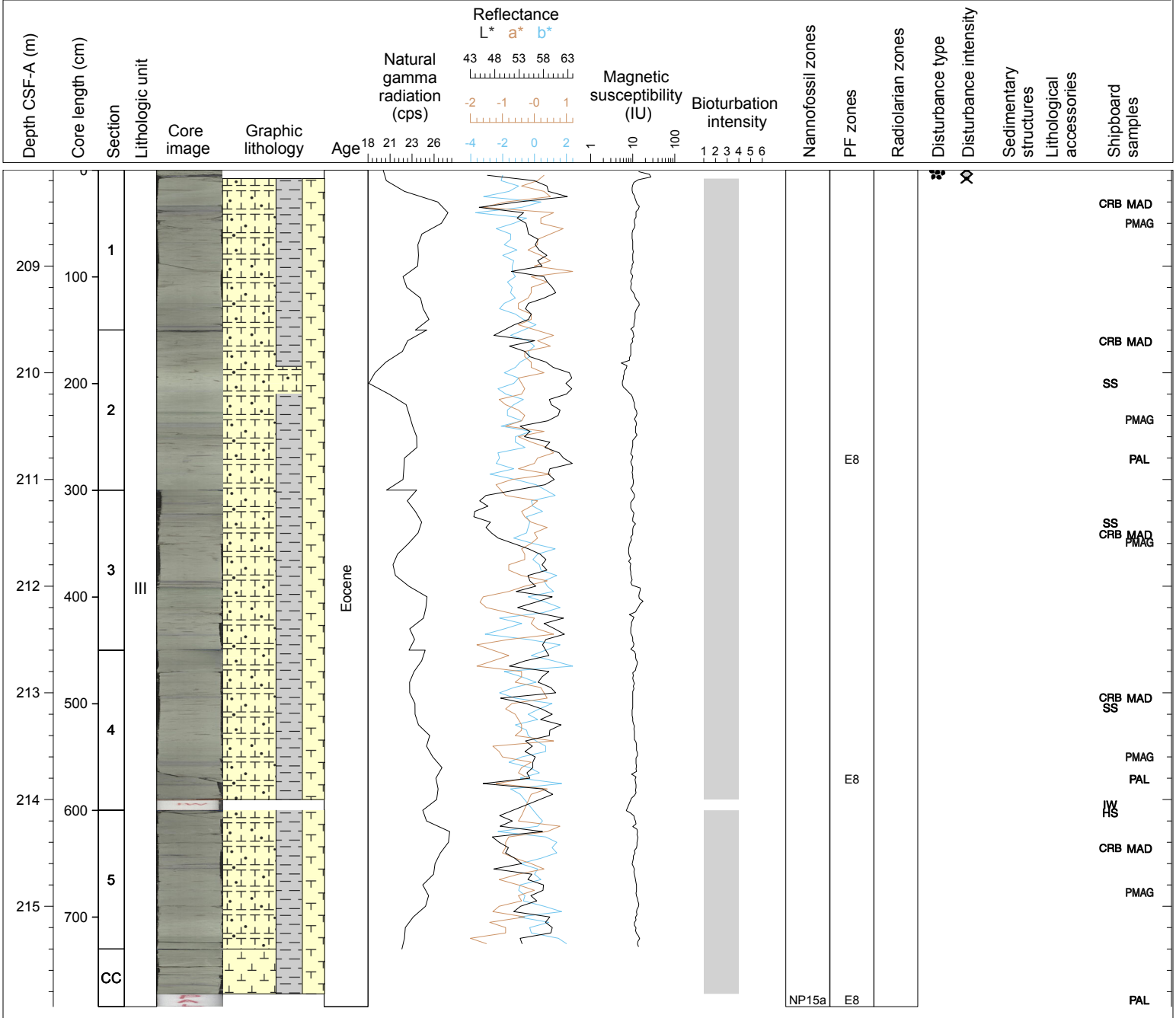
Hole 342-U1408A Core 23X, Interval 198.5-207.82 m (CSF-A)

Core U1408A-23X is nannofossil claystone and the color is 5GY 6/1 (greenish gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. There are several dropstones in the 5cm of fall-in, and the core is biscuited throughout.



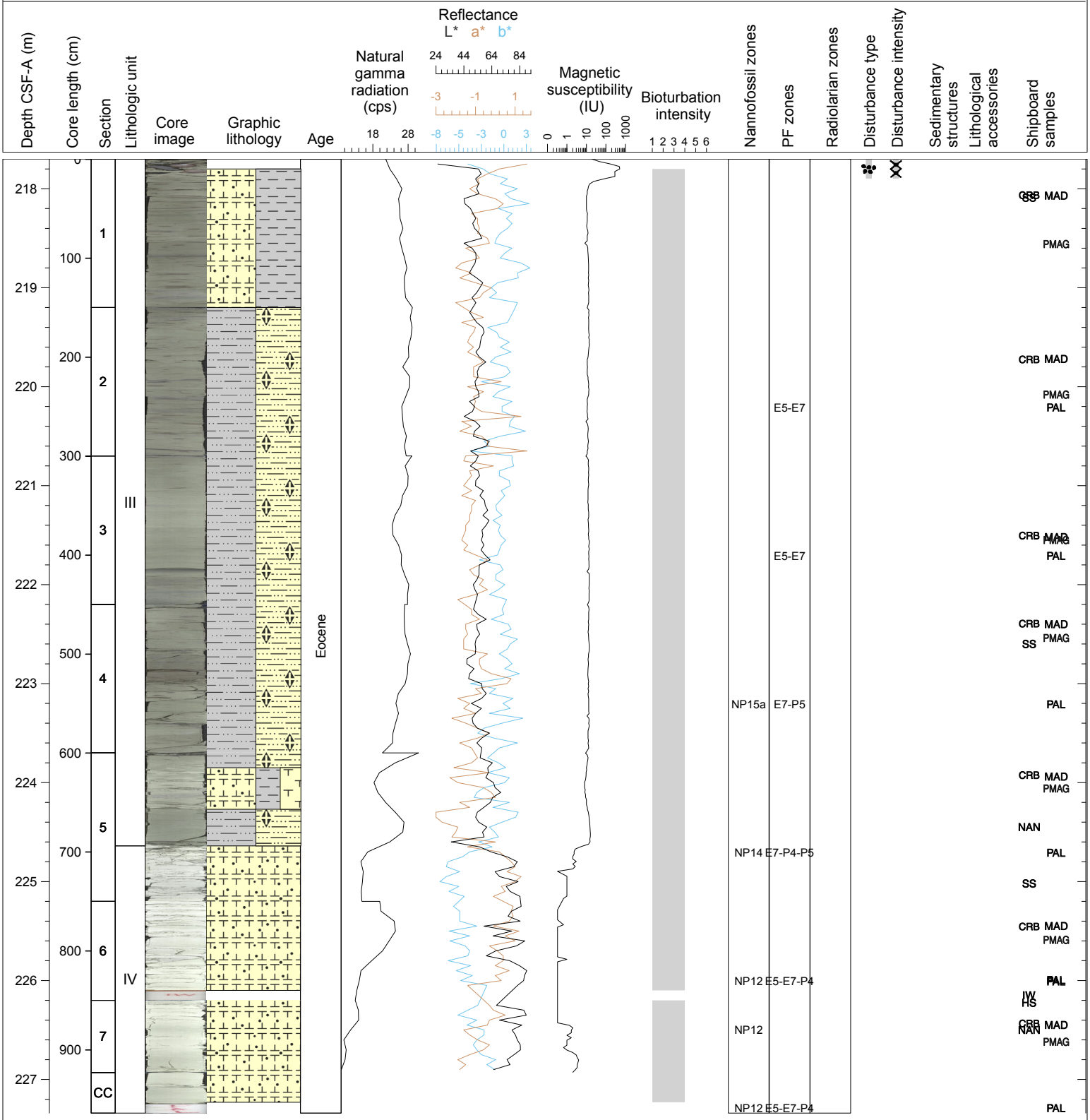
Hole 342-U1408A Core 24X, Interval 208.1-215.94 m (CSF-A)

Core U1408A-22X is nannofossil claystone and the color is 5GY 6/1 and 10Y 6/1 (greenish gray) with the exception of light intervals in sections 5 and 6 which are lighter in color (10Y 7/1) and and are clayey nannofossil ooze with foraminifers. Glauconite occurs in discrete bands and burrowing is moderate in intensity. Several very well-defined zoophycos burrows are found in Sections 3, 5, and CC. There is a large dropstone in the 5cm of fall-in, and the core is biscuited throughout.



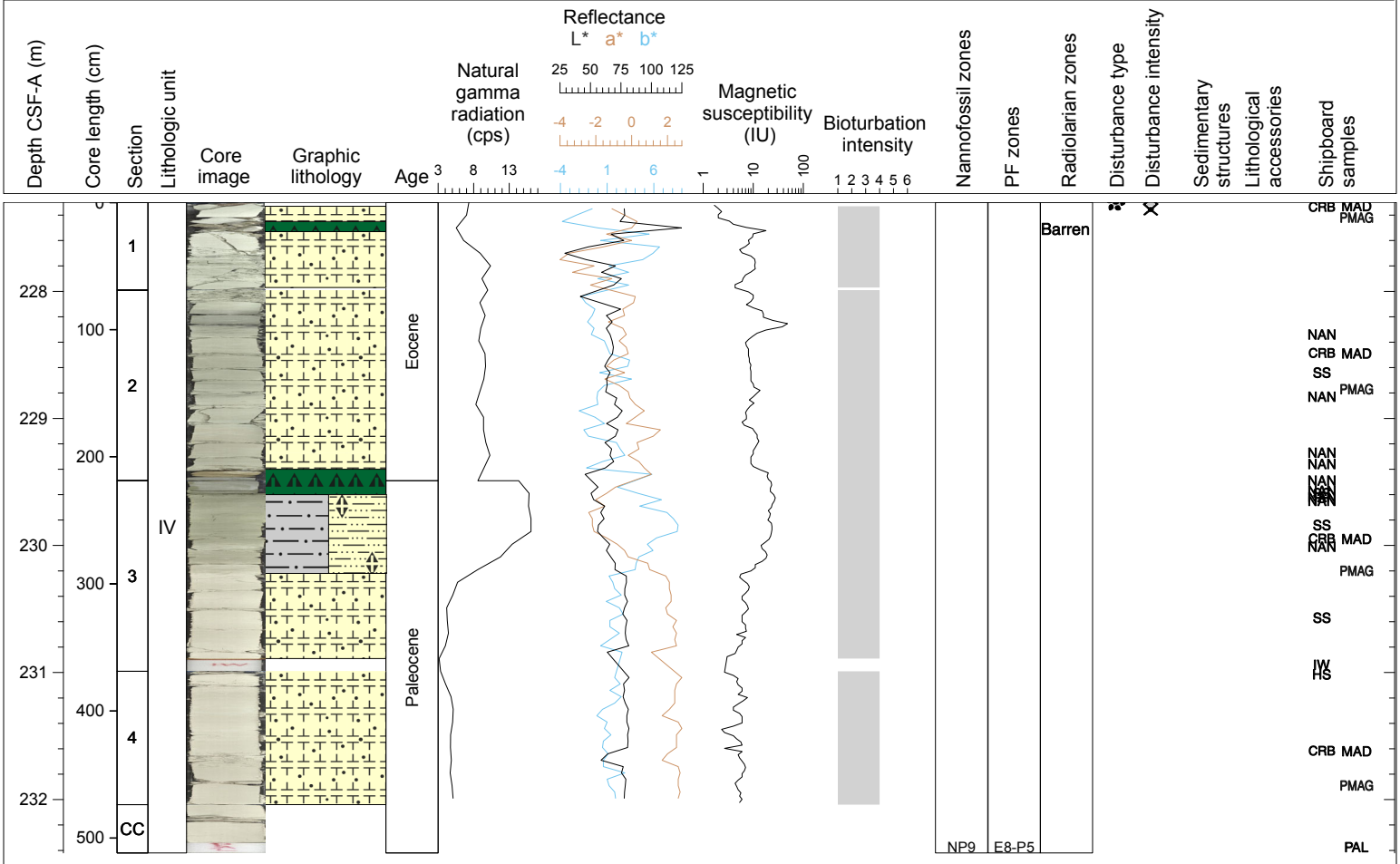
Hole 342-U1408A Core 25X, Interval 217.7-227.34 m (CSF-A)

Core U1408A-25X contains an abrupt transition from greenish grey (5GY 6/1) nannofossil claystone to white (N8) to light greenish grey (10GY 8/1) nannofossil chalk. Bioturbation is moderate throughout, with abundant burrows present especially in the upper greenish gray claystone. Several large dropstone cobbles in the fall-in.



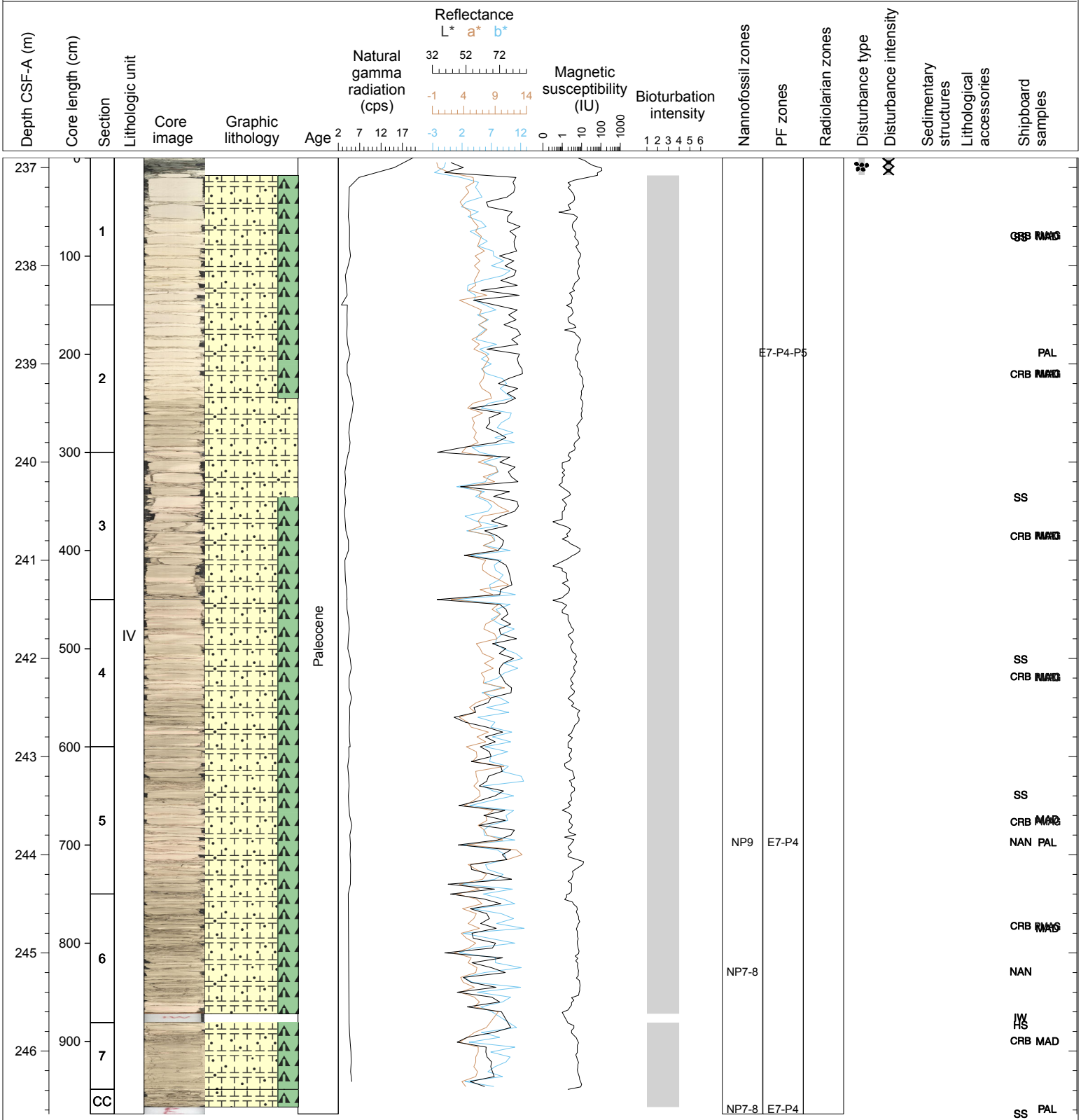
Hole 342-U1408A Core 26X, Interval 227.3-232.42 m (CSF-A)

Core U1408A-26X is white (N 8) to light greenish grey (1GY 8/1) nannofossil chalk with two prominent cherty layers in section 1 and section 3/4, with a light greenish grey (10Y 7/1) nannofossil claystone in the upper half of section 3. The core is fractured by XCB coring. Bioturbation is moderate, with burrows observed around color changes. Biostratigraphy constrains the Paleocene/Eocene boundary to within this core.



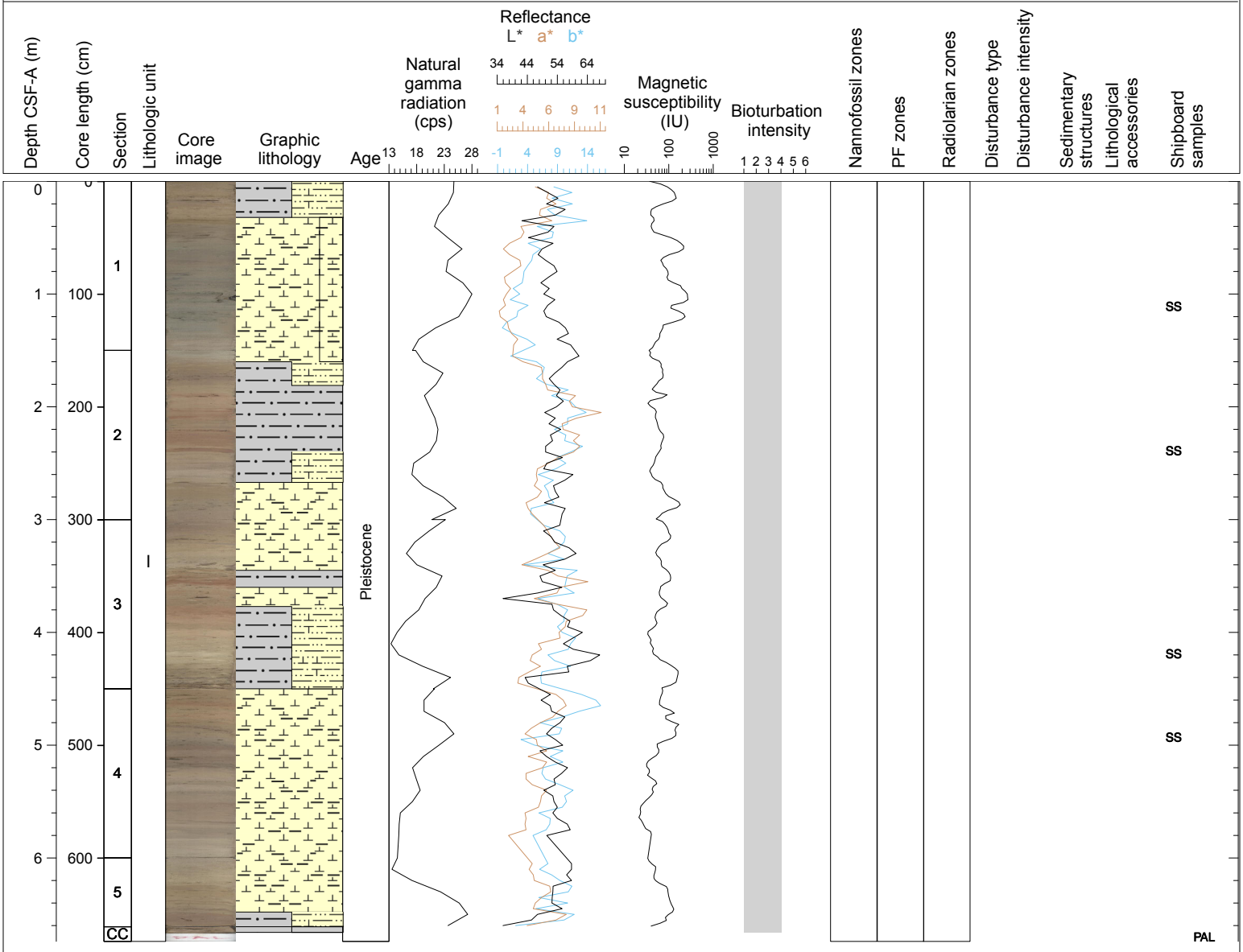
Hole 342-U1408A Core 27X, Interval 236.9-246.64 m (CSF-A)

Core U1408A-27X is comprised of nannofossil chalk with radiolarians and foraminifera. The color ranges from the pale 10YR 8/2 (very pale brown) to the mottled darker 10YR 7/3 (very pale brown). Includes montmorillonite 'strawberry' mottles 10R 8/3 (very pale brown)". Burrowing is moderate. Fall-in disturbs the top 18 cm of Section 1.



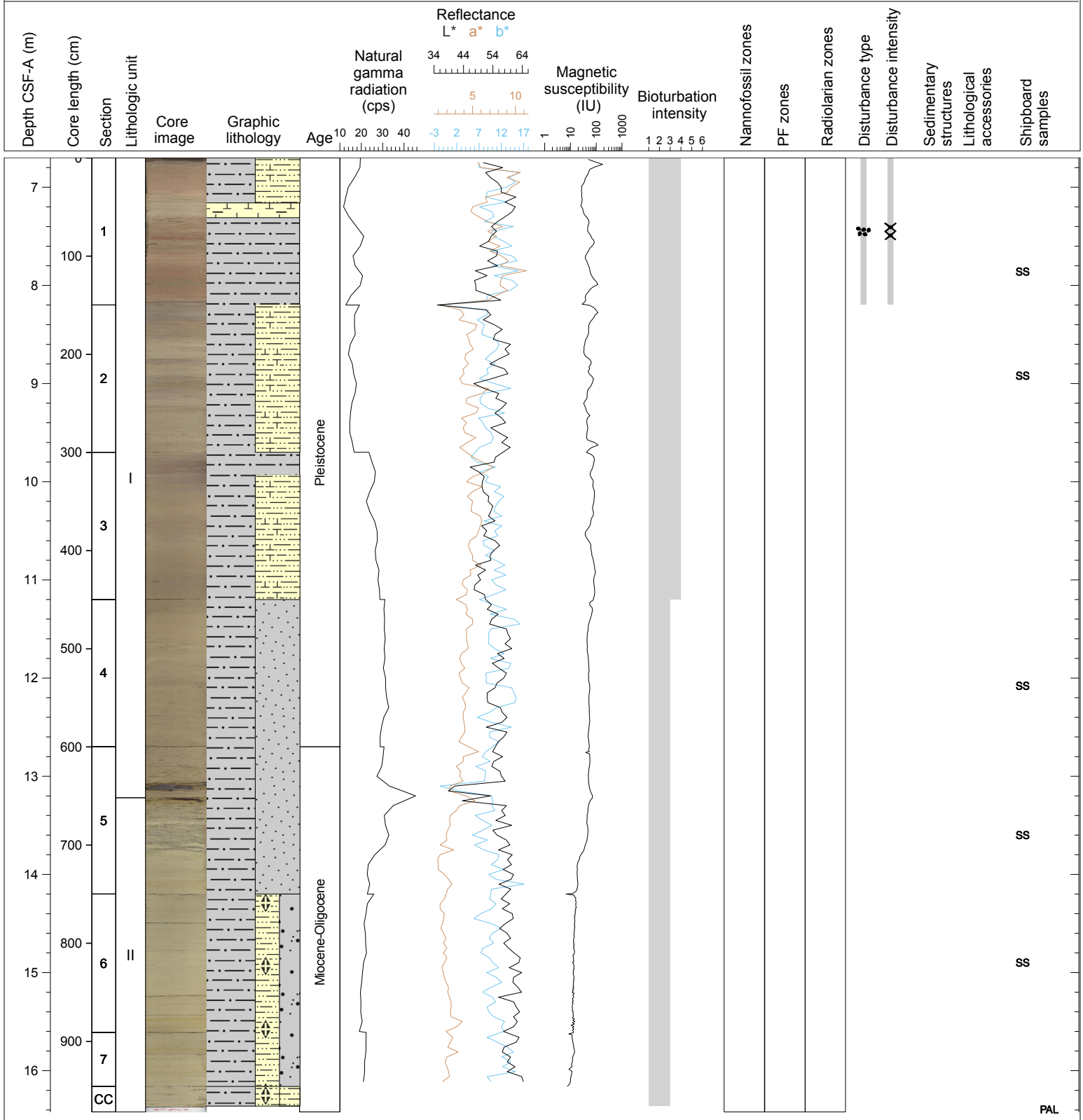
Hole 342-U1408B Core 1H, Interval 0.0-6.74 m (CSF-A)

Core U1408B-1H is the Pleistocene top to the core. It varies in composition from foraminiferal sand to clay, 5YR 5/1 (gray) to 2.5YR 5/6 (red). The core is well stratified and the burrowing is slight to moderate.



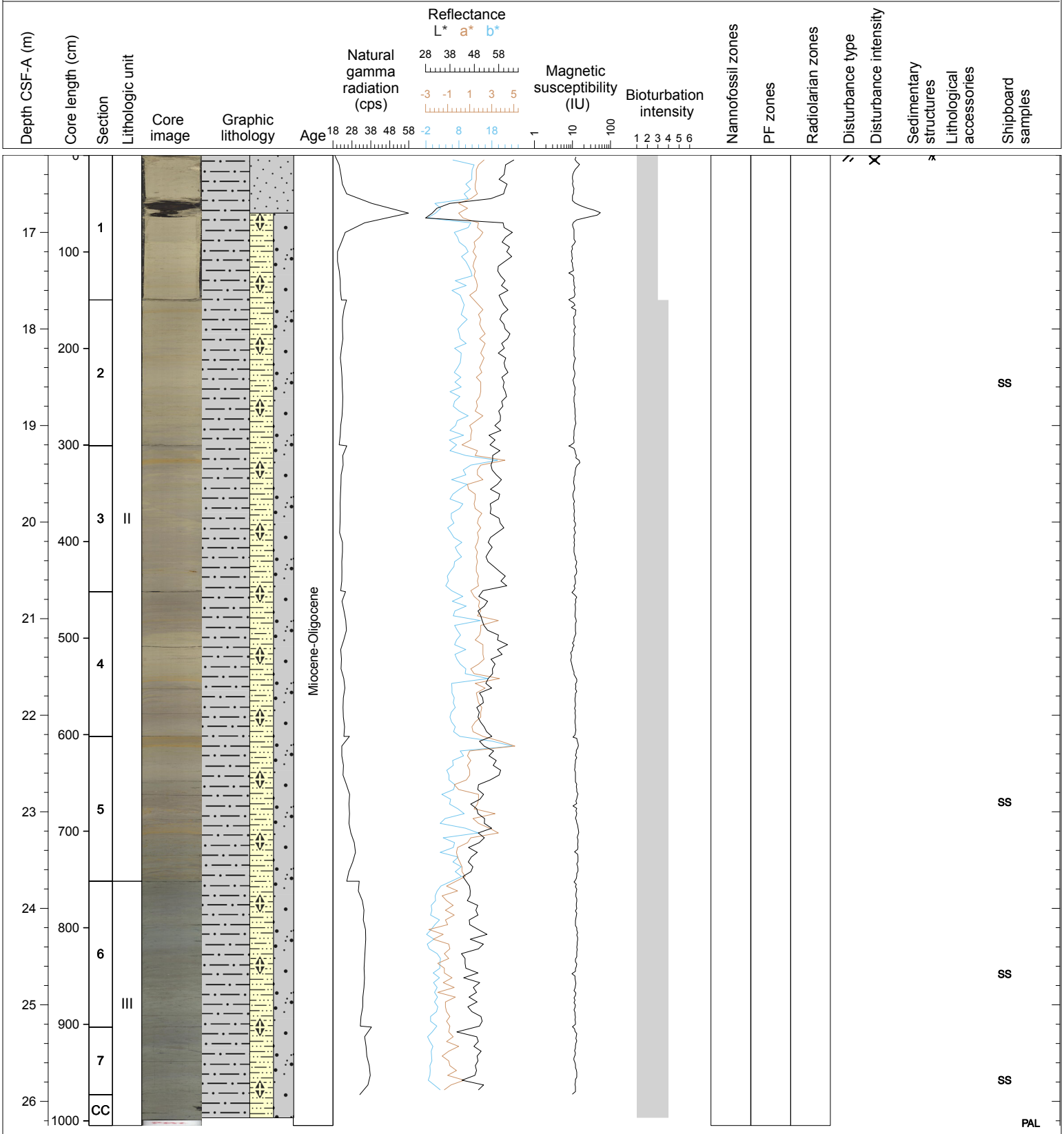
Hole 342-U1408B Core 2H, Interval 6.7-16.42 m (CSF-A)

Core U1408B-2H varies between a foraminiferal sand 5YR 5/1 (gray) and a 2.5YR 5/6 (red) clay. Dropstones are common and burrowing is moderate. The core is dominated by clay and includes the hiatal surface between the Pleistocene and the Oligo-Miocene. The core contains both manganese nodules and dispersed sand-sized Mn oxide grains. The top 58cm is highly disturbed.



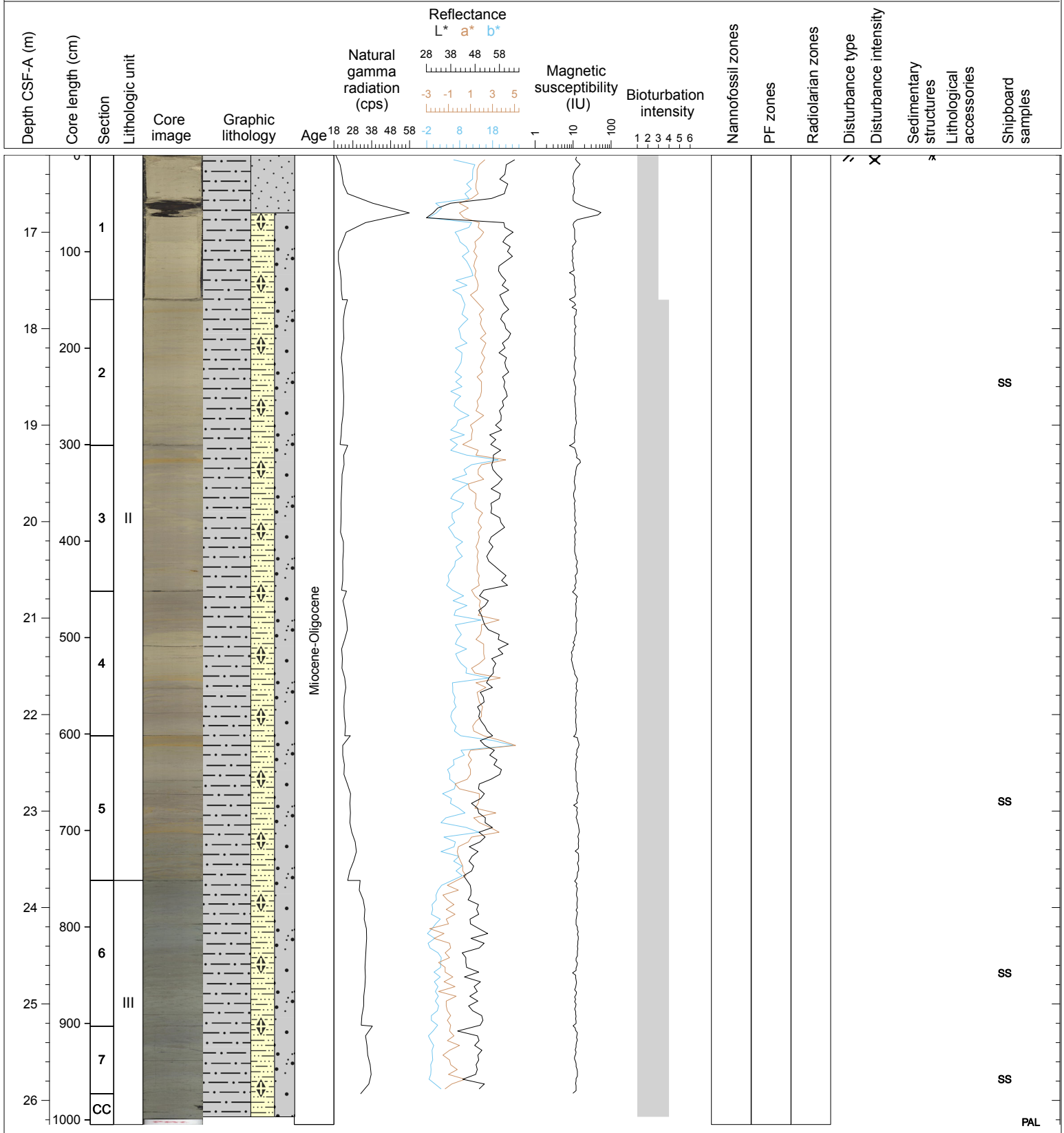
Hole 342-U1408B Core 3H, Interval 16.2-26.25 m (CSF-A)

Core U1408B-3H a nannofossil clay with silt. The top sections are dominantly 5Y 6/2 (light olive gray), while sections 6 and 7 are 5GY 5/1 (greenish gray).
The oxidized- reduced boundary is between section 5 and 6. Sections 4 and 5 have oxidized sulfide layers. The sections are slightly to moderately mottled. Section 6 has scattered quartz blebs. Section 1 has a large Mn nodule from 47 to 64cm. The top 65cm of Section 1 is moderately disturbed.



Hole 342-U1408B Core 3H, Interval 16.2-26.25 m (CSF-A)

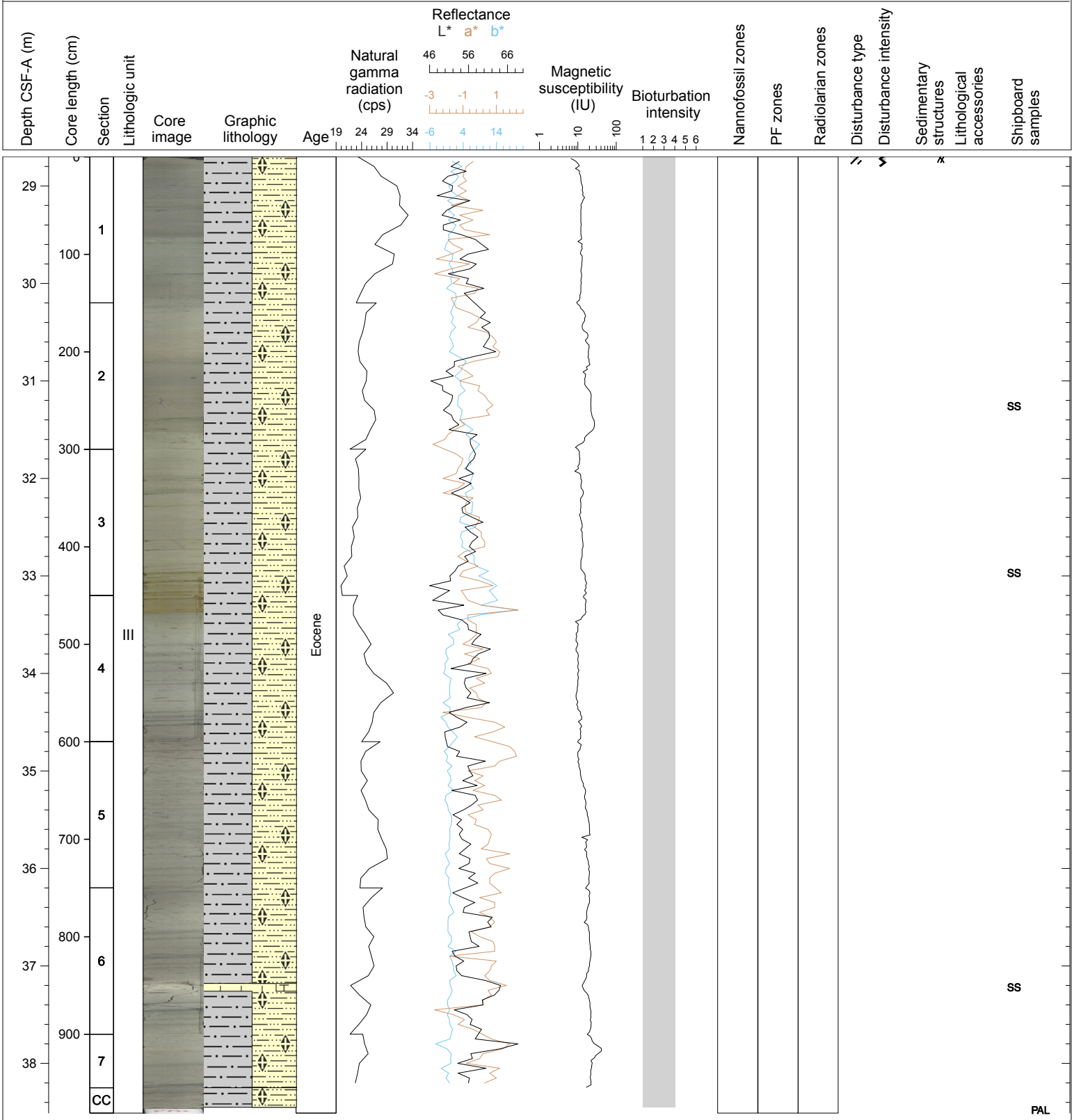
Core U1408B-3H a nannofossil clay with silt. The top sections are dominantly 5Y 6/2 (light olive gray), while sections 6 and 7 are 5GY 5/1 (greenish gray).
The oxidized- reduced boundary is between section 5 and 6. Sections 4 and 5 have oxidized sulfide layers. The sections are slightly to moderately mottled. Section 6 has scattered quartz blebs. Section 1 has a large Mn nodule from 47 to 64cm. The top 65cm of Section 1 is moderately disturbed.



U1408B-41 Drilled interval

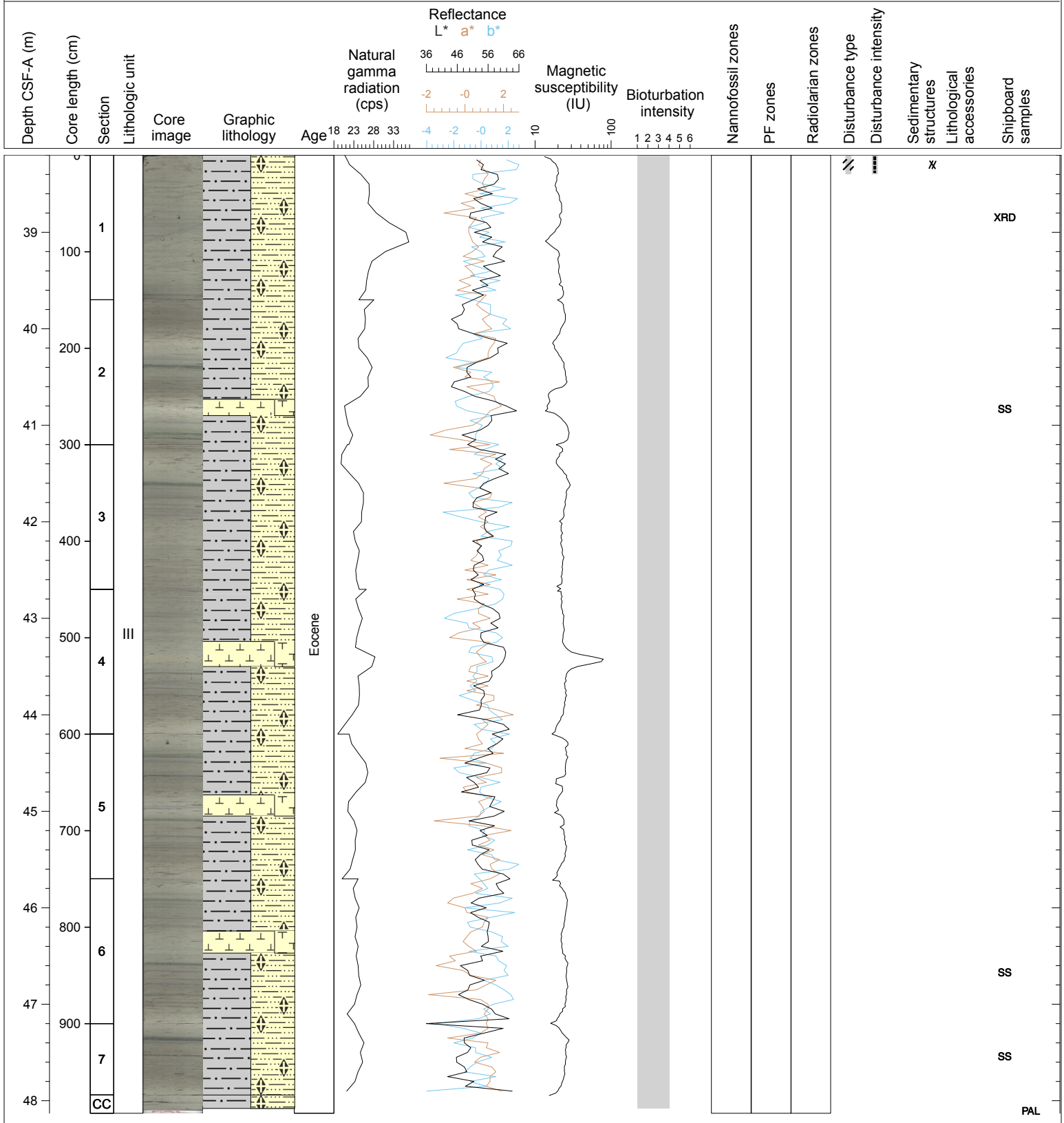
Hole 342-U1408B Core 5H, Interval 28.7-38.51 m (CSF-A)

Core U1408B-5H is a nannofossil clay that is dominantly 10GY 6/1 (greenish gray) in color, with oxidized sulfide zones that are 5Y 5/3 (olive) in color. The sixth section contains a small (10cm) N 8 (white) nannofossil ooze zone. The core commonly contains gray sulfide layers and greenish glauconite/chorite layers. The core is mottled and moderately burrowed.



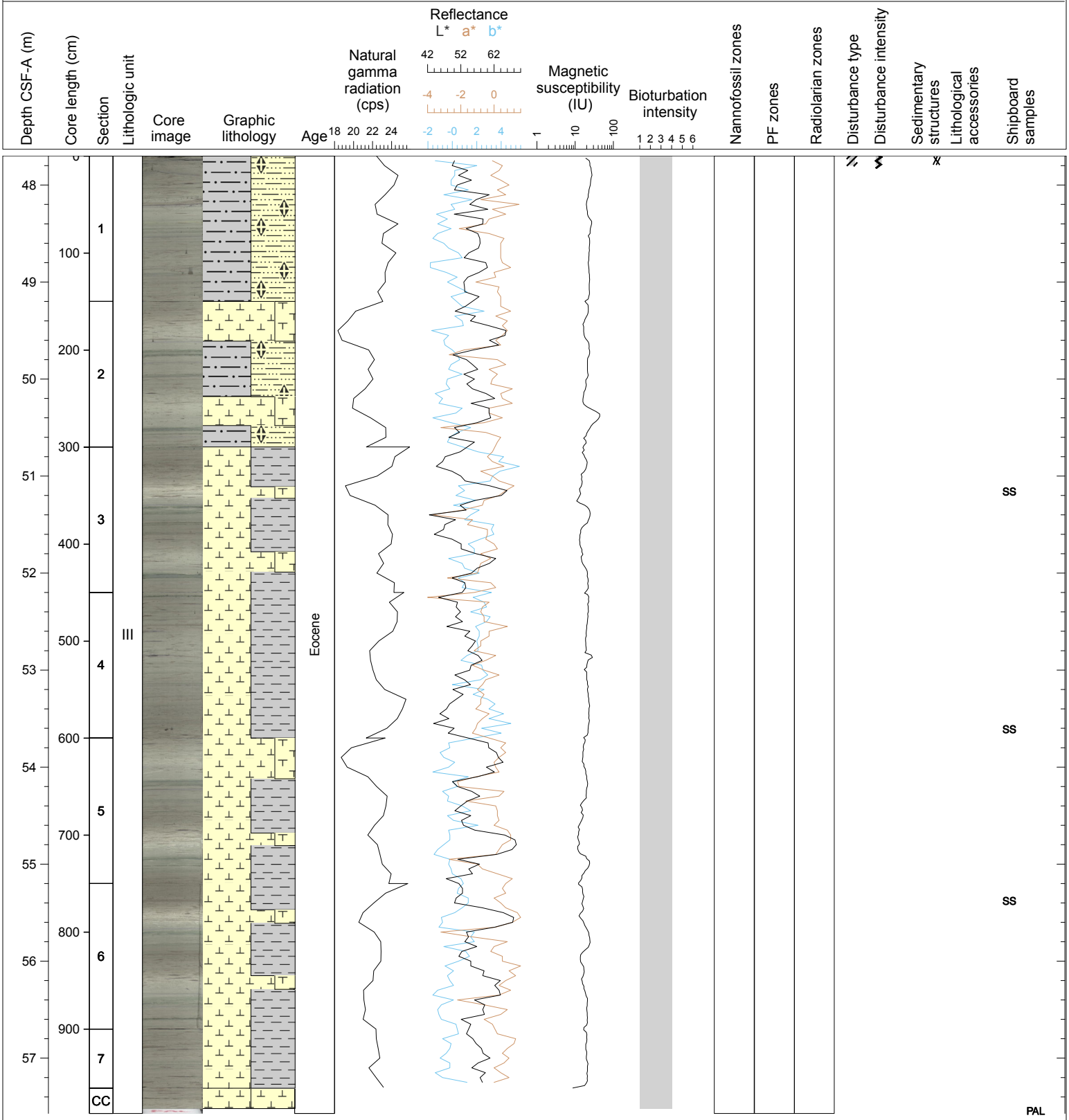
Hole 342-U1408B Core 6H, Interval 38.2-48.13 m (CSF-A)

Core U1408B-6H is a nannofossil clay that is dominantly 10GY 6/1 (greenish gray) in color. These zones alternate with lighter 10Y 7/2 (pale green) nannofossil ooze with foraminifera layers. The core commonly contains gray sulfide layers and greenish glauconite/chorite layers. The core is mottled and moderately burrowed. The top 20cm of Section 1 is moderately disturbed.



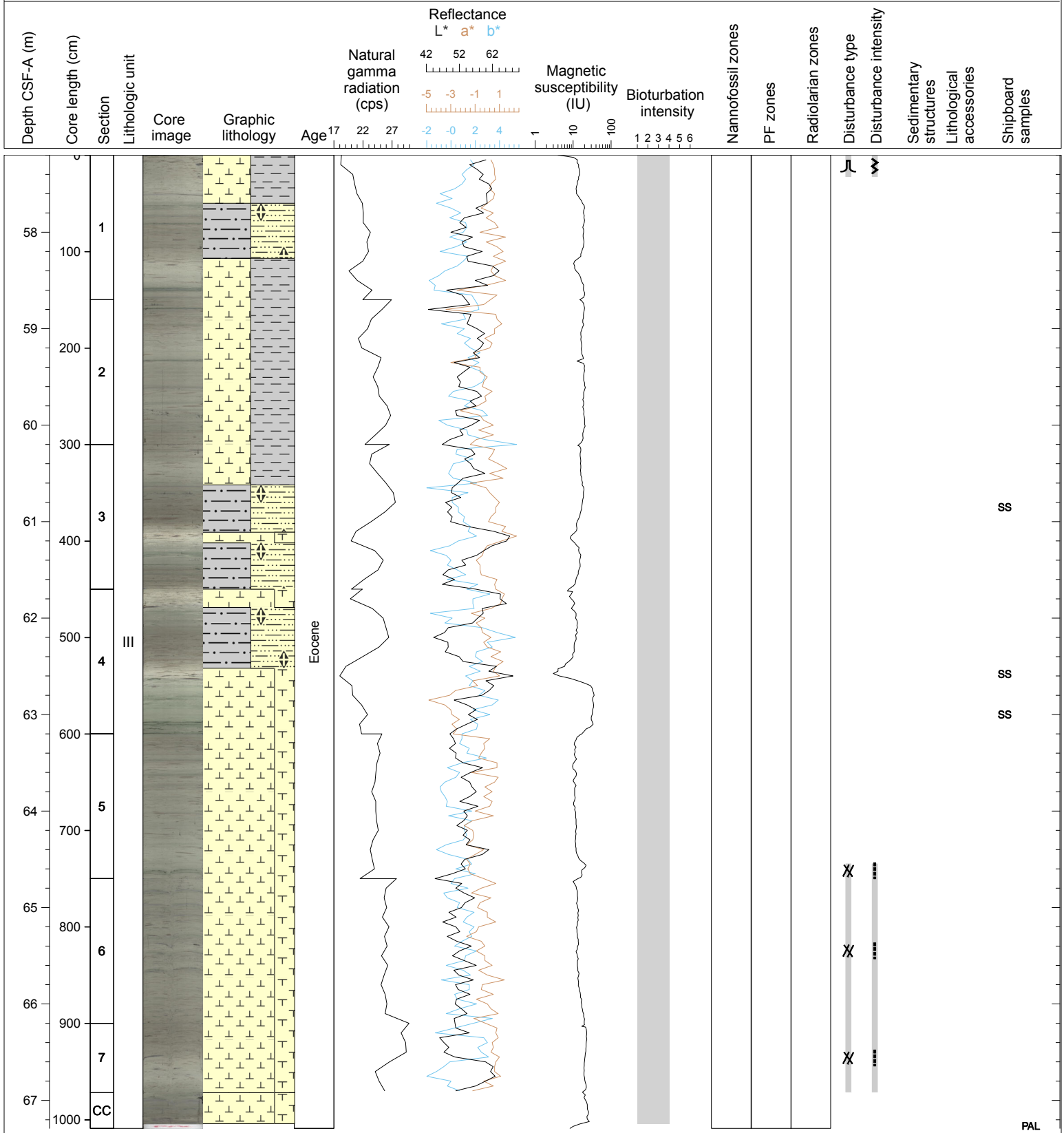
Hole 342-U1408B Core 7H, Interval 47.7-57.57 m (CSF-A)

Core U1408B-7H varies in cycles between nannofossil clay 10Y 6/1 (greenish gray) and a white N 8 nannofossil ooze with foraminifera. The cycles show distinct patterns. The core is moderately burrowed and mottled with dark gray sulfide layers as well as green glauconite bands. The top 5 cm in Section 1 are highly disturbed.



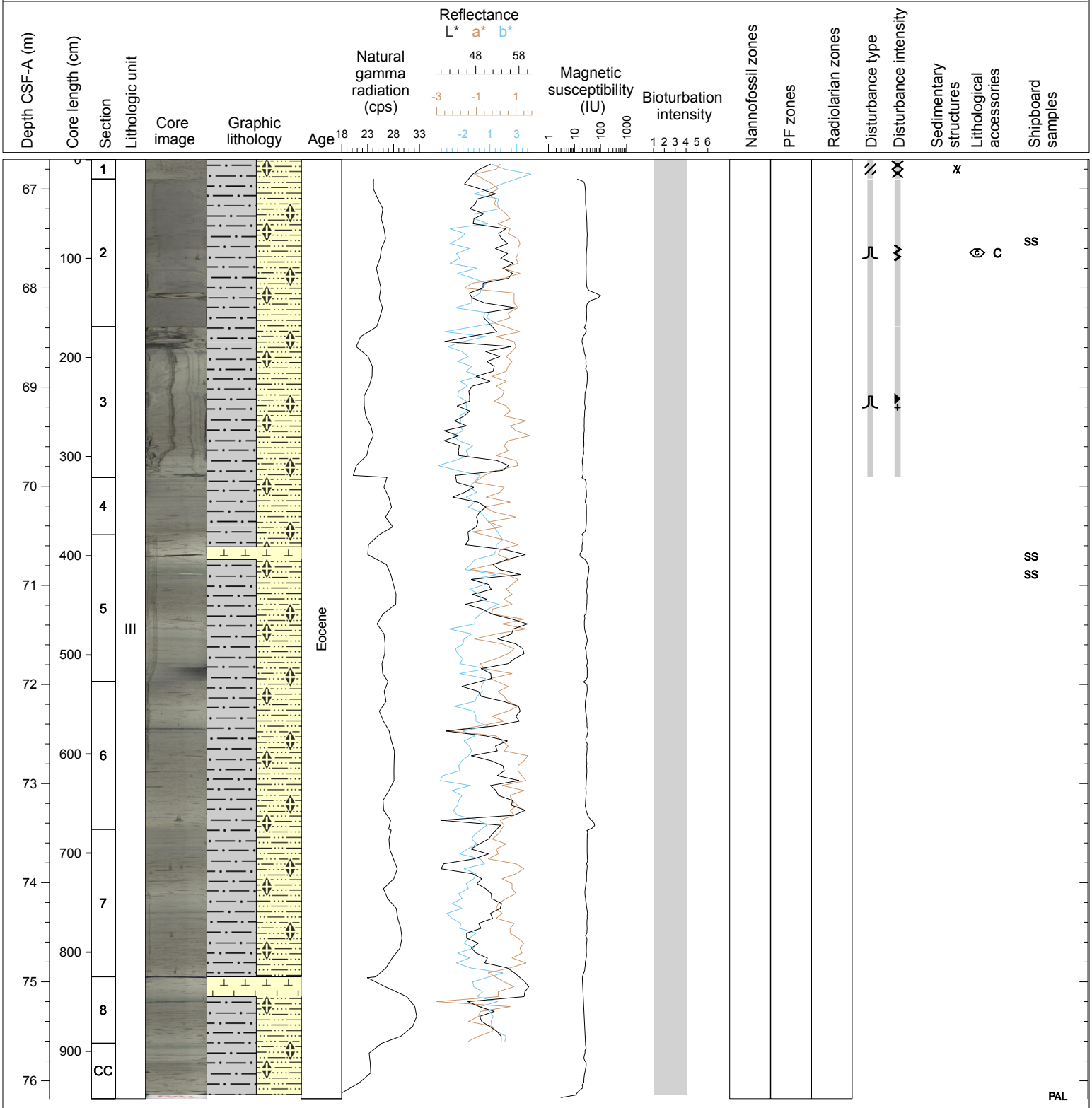
Hole 342-U1408B Core 8H, Interval 57.2-67.29 m (CSF-A)

Core U1408B-8H varies in cycles between nannofossil clay 10Y 5/1 (greenish gray) and a bright white N 8 nannofossil ooze with foraminifera. The cycles show distinct patterns. The core is moderately burrowed and mottled with dark gray sulfide layers as well as green glauconite bands. Significant 'bowing' is observed from the base of Section 5 to the CC.



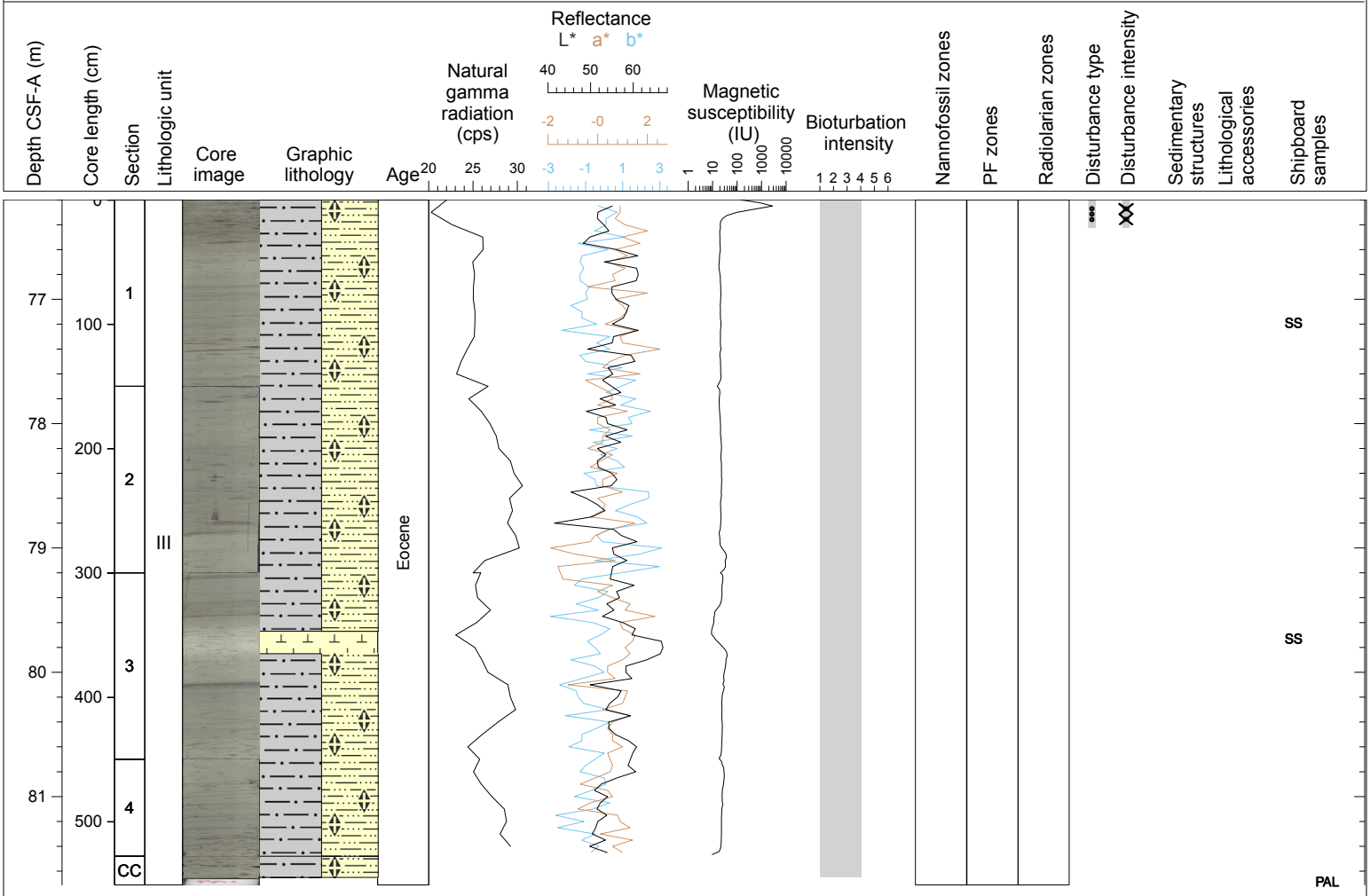
Hole 342-U1408B Core 9H, Interval 66.7-76.18 m (CSF-A)

Core U1408B-9H is a 10Y 5/1 (greenish gray) nannofossil clay and cycles to N 7 (light gray) in places. The second section contains a strange carbonate concretion. Burrowing is moderate and sulfide mottling is common. The top sections were largely destroyed by a collapsed core liner.



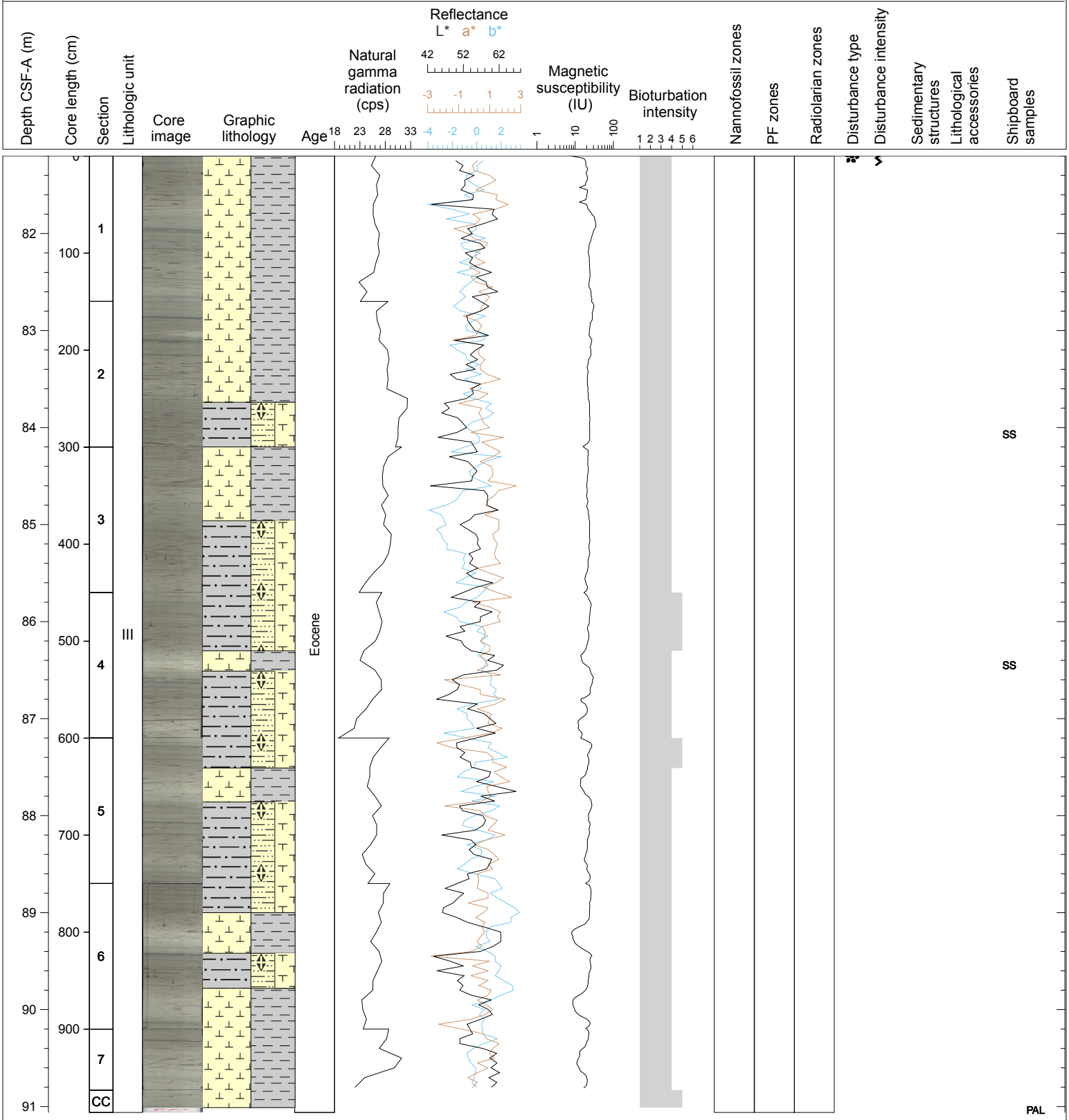
Hole 342-U1408B Core 10H, Interval 76.2-81.71 m (CSF-A)

Core U1408B-10H is mostly nannofossil clay 10Y 6/1 (greenish gray) with one white N 8 nannofossil ooze with foraminifera zone in section 3. Burrowing is moderate and sulfide mottling is common. Some wild burrows in section 4.



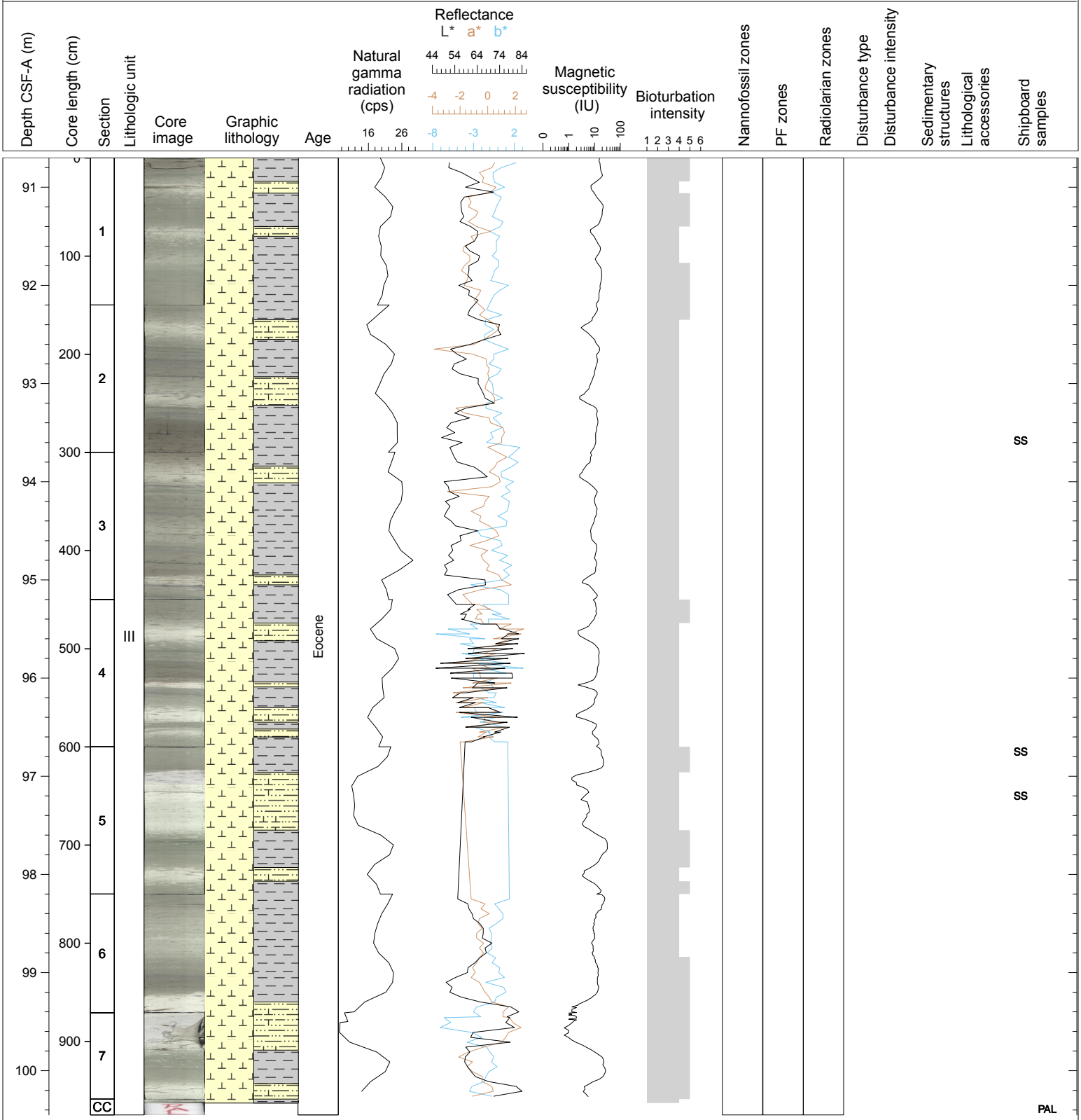
Hole 342-U1408B Core 11H, Interval 81.2-91.06 m (CSF-A)

Core U1408B-11H is a clayey nannofossil ooze to nannofossil clay with foraminifers. The dominant color is light greenish gray (5GY 7/1) to greenish grey (10Y 6/1). Darker intervals are typically nannofossil clay with foraminifers and lighter intervals clayey nannofossil oozes. Decimenter scale variation in color, bioturbation intensity (moderate to heavy) and the frequency of green glaconitic horizons occurs throughout. Thin green glaconitic layers (5G 5/1) and sulfide mottling in burrows occur throughout.



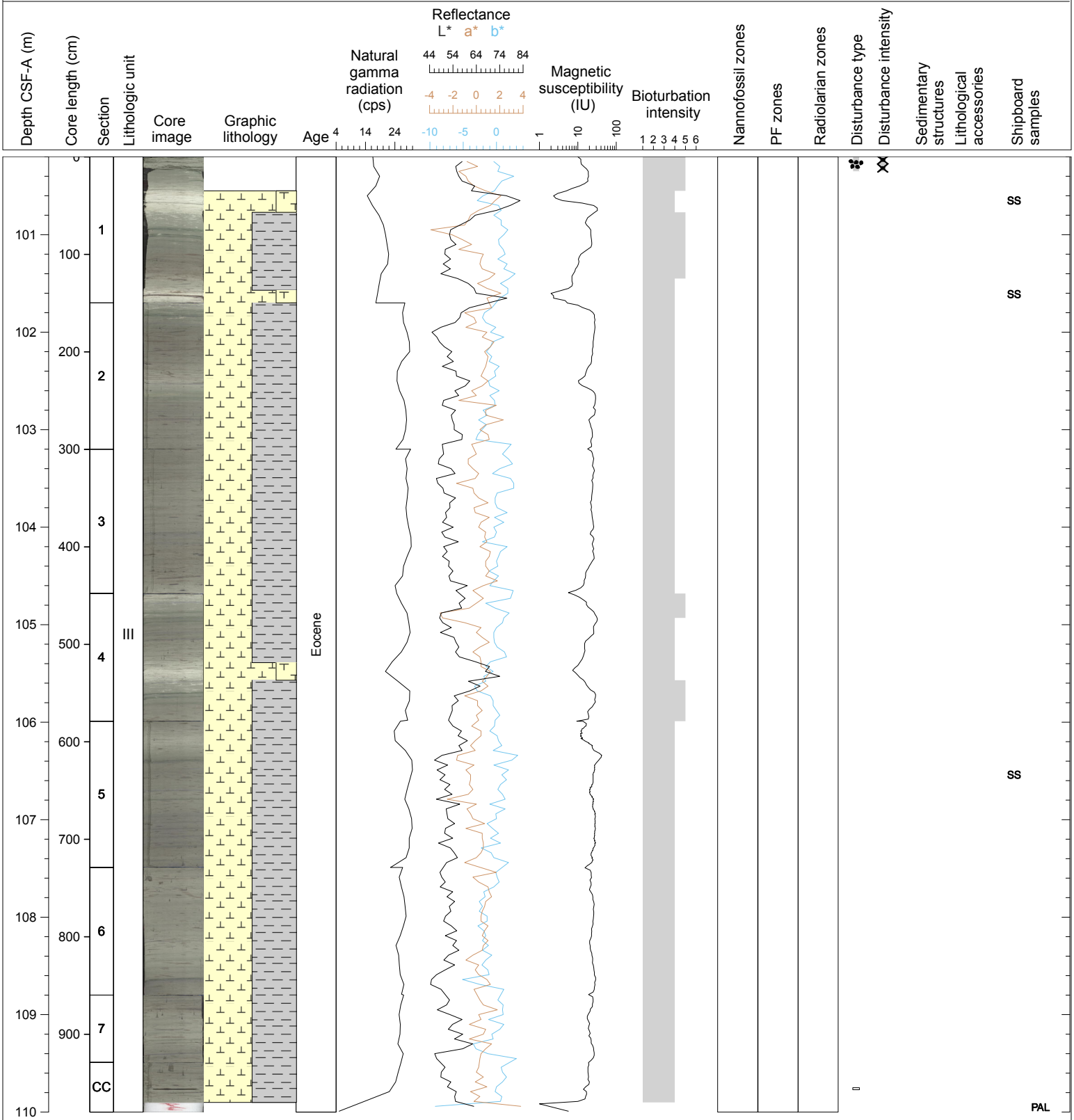
Hole 342-U1408B Core 12H, Interval 90.7-100.45 m (CSF-A)

Core U1408B-12H is predominately a greenish grey (5GY 6/1 - 5GY 7/1) clayey nannofossil ooze, with interspersed, decimenter scale foraminiferal nannfossil ooze white beds (N 8). The spacing and thickness of white beds and lighter greenish grey beds does not appear to be as regular as in some previous intervals. The contacts between the white beds and the greenish grey beds are fairly sharp in places, although bioturbation does occur across all bed boundaries. Bioturbation intensity ranges from moderate to heavy. Green glaconitic horizons are only found in the darker beds, with greater frequency of glaconitic horizons near the top of the darker intervals. In contrast, white horizons are distinctly mottled by brown, sulfides burrows, which otherwise vary in density and intensity on decimeter scales throughout the core.



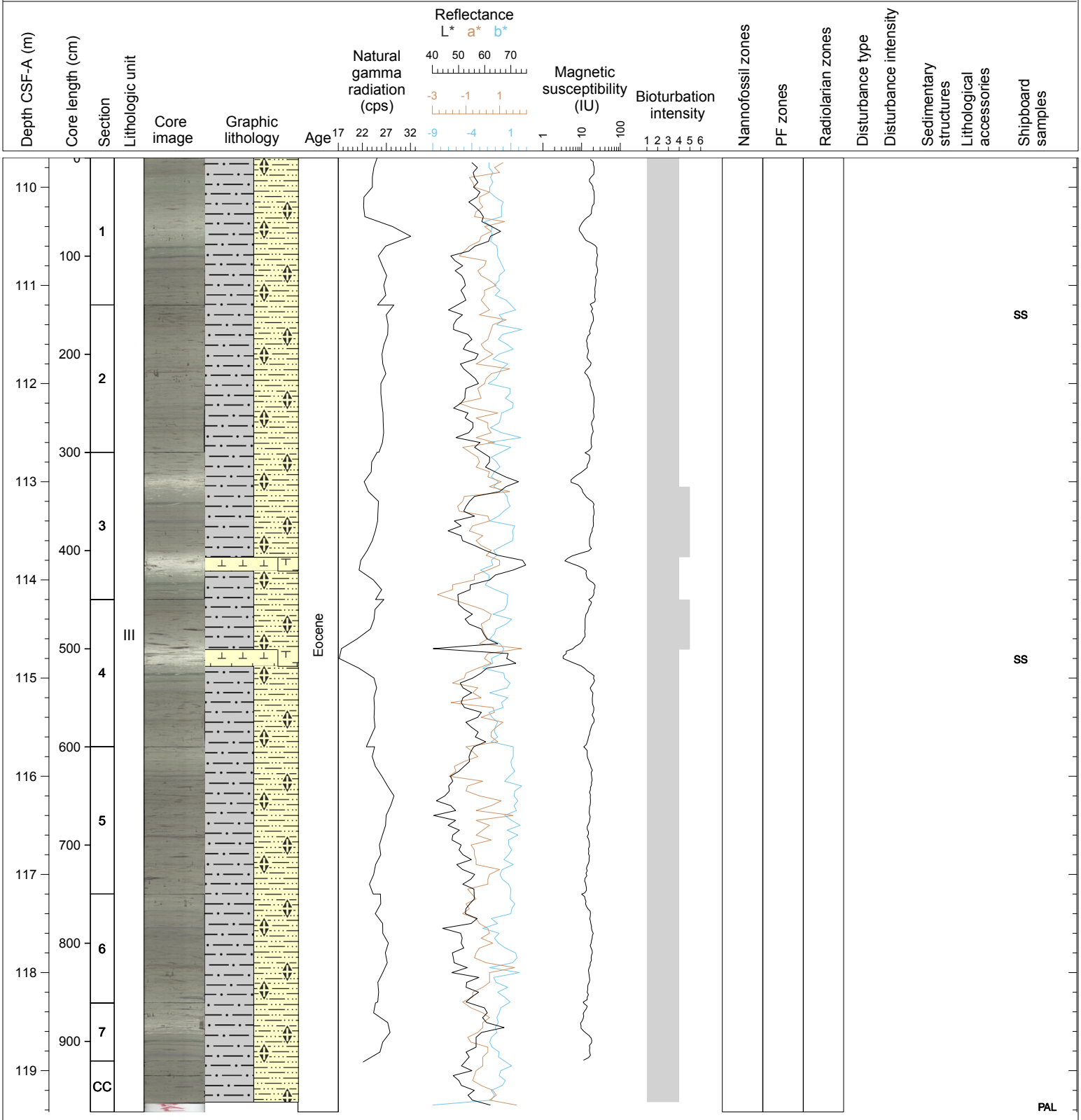
Hole 342-U1408B Core 13H, Interval 100.2-110.0 m (CSF-A)

Core U1408B-13H is predominately a greenish grey (5GY 6/1 - 5GY 7/1) clayey nannofossil ooze, with rare, interspersed, decimenter scale foraminiferal nannfossil ooze white beds (N 8). This core contains fewer white beds and less distinct light dark intervals than are observed in the preceding two cores (11H and 12H). Light and dark intervals vary on 20-50 scales (rather than 10-30 cm scales). The spacing and thickness of white beds and lighter greenish grey beds does not appear to be as regular as in some previous intervals. Bioturbation intensity ranges from moderate to heavy. Green glaconitic horizons are only found in the greenish grey intervals. White horizons are distinctly mottled by brown, sulfides burrows, which otherwise vary in density and intensity on decimeter scales throughout the core. Fall-in disturbs the top 15 cm of Section 1 and a small void occurs in the CC.



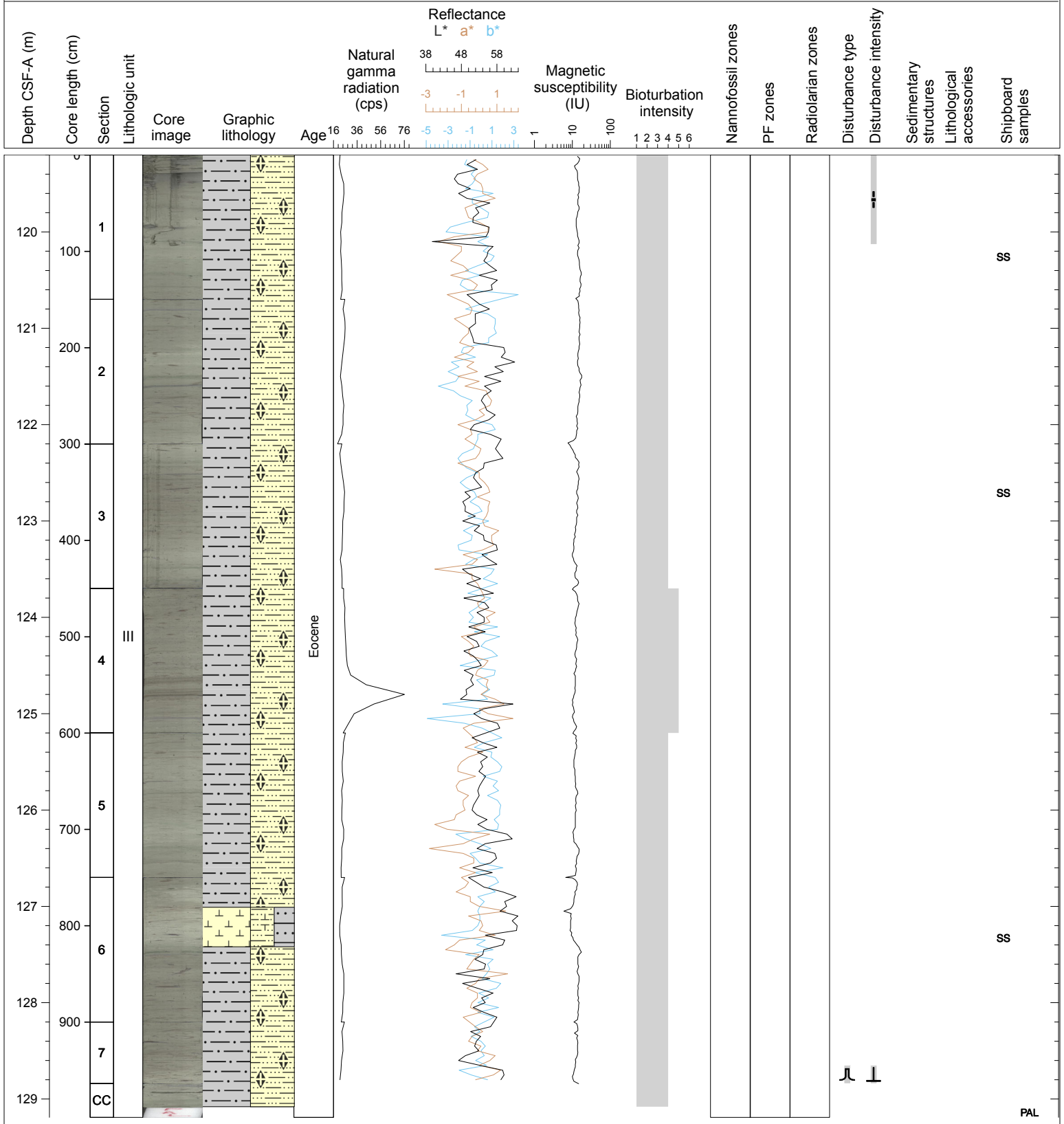
Hole 342-U1408B Core 14H, Interval 109.7-119.42 m (CSF-A)

Core U1408B-14H is predominately a greenish grey (5GY 6/1) nannofossil clay, with rare, interspersed, decimenter scale nannfossil ooze with foraminifera white beds (N 8). This core, like 13H, contains few white beds and less distinct light-dark intervals than are observed in Cores 11H and 12H. The spacing and thickness of white beds and lighter greenish grey beds is irregular. Bioturbation intensity ranges from moderate to heavy. Green glaconitic horizons are only found in the greenish grey intervals. White horizons are distinctly mottled by brown, sulfides burrows, which otherwise vary in density and intensity on decimeter scales throughout the core.



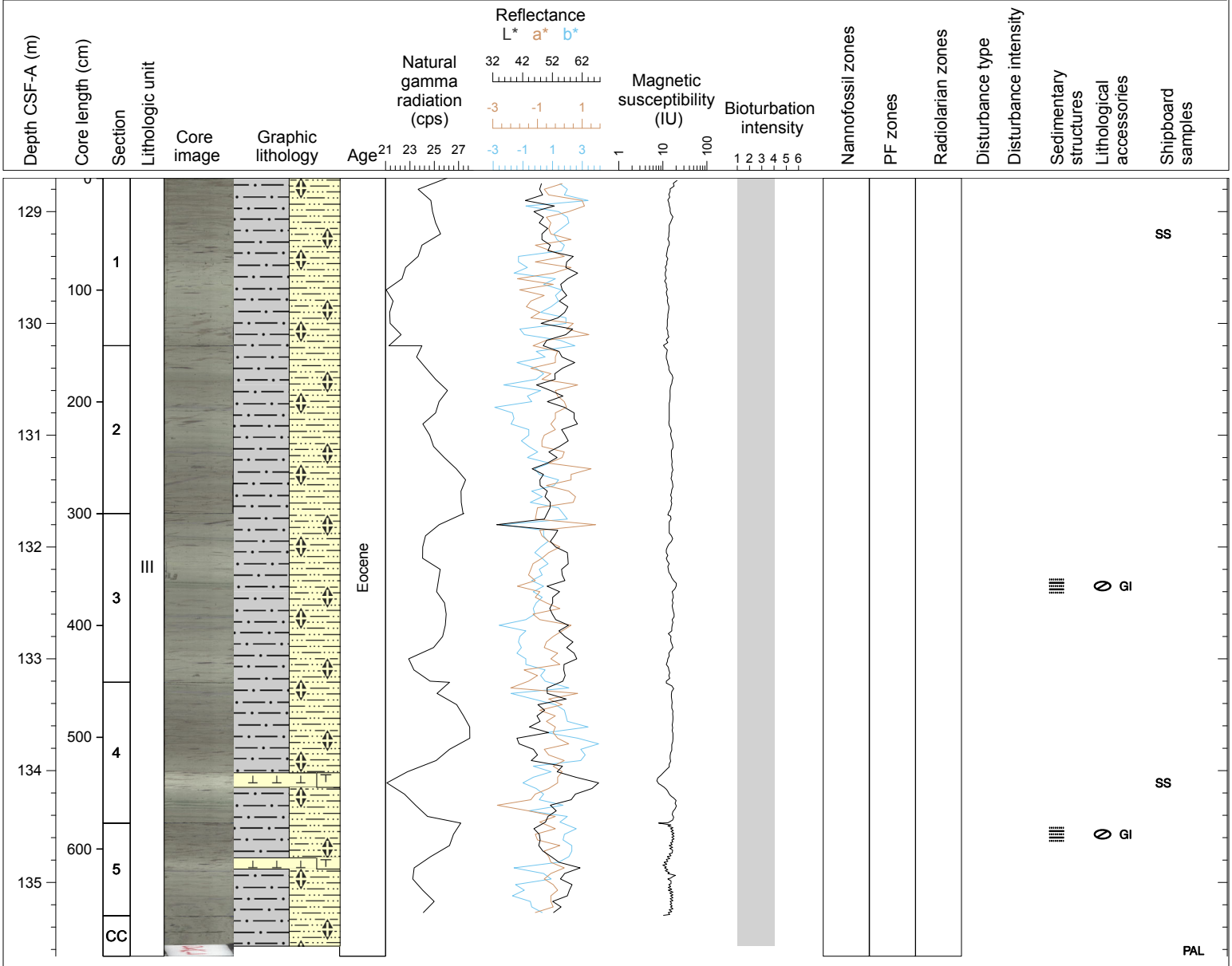
Hole 342-U1408B Core 15H, Interval 119.2-129.19 m (CSF-A)

Core U1408B-15H is predominately a greenish grey (5GY 6/1) nannofossil nannofossil clay, with rare, interspersed lighter beds (5GY 7/1) of foraminiferal nannofossil ooze with clay. This core continues the trend begun in Core 13H of containing fewer and fewer, increasing faint light-dark cycles in color and associated lithological change. The spacing and thickness of white beds and lighter greenish grey beds is irregular and generally occurs on Section rather than decimeter scales. Bioturbation intensity ranges from moderate to heavy. Green glaconitic horizons are only found in the greenish grey intervals and tend to occur in discrete bundles. Core 15H is distinguished from the preceding 5 cores in containing an abundance of disseminated sulfides through most sections. Splitting disturbance heavily disturbs Section 1 and should be considered when using section half data. A minor coring disturbance (along core flow; coded in DESClogik as flow-in) disturbs the bottom half of Section 7 (45-64 cm).



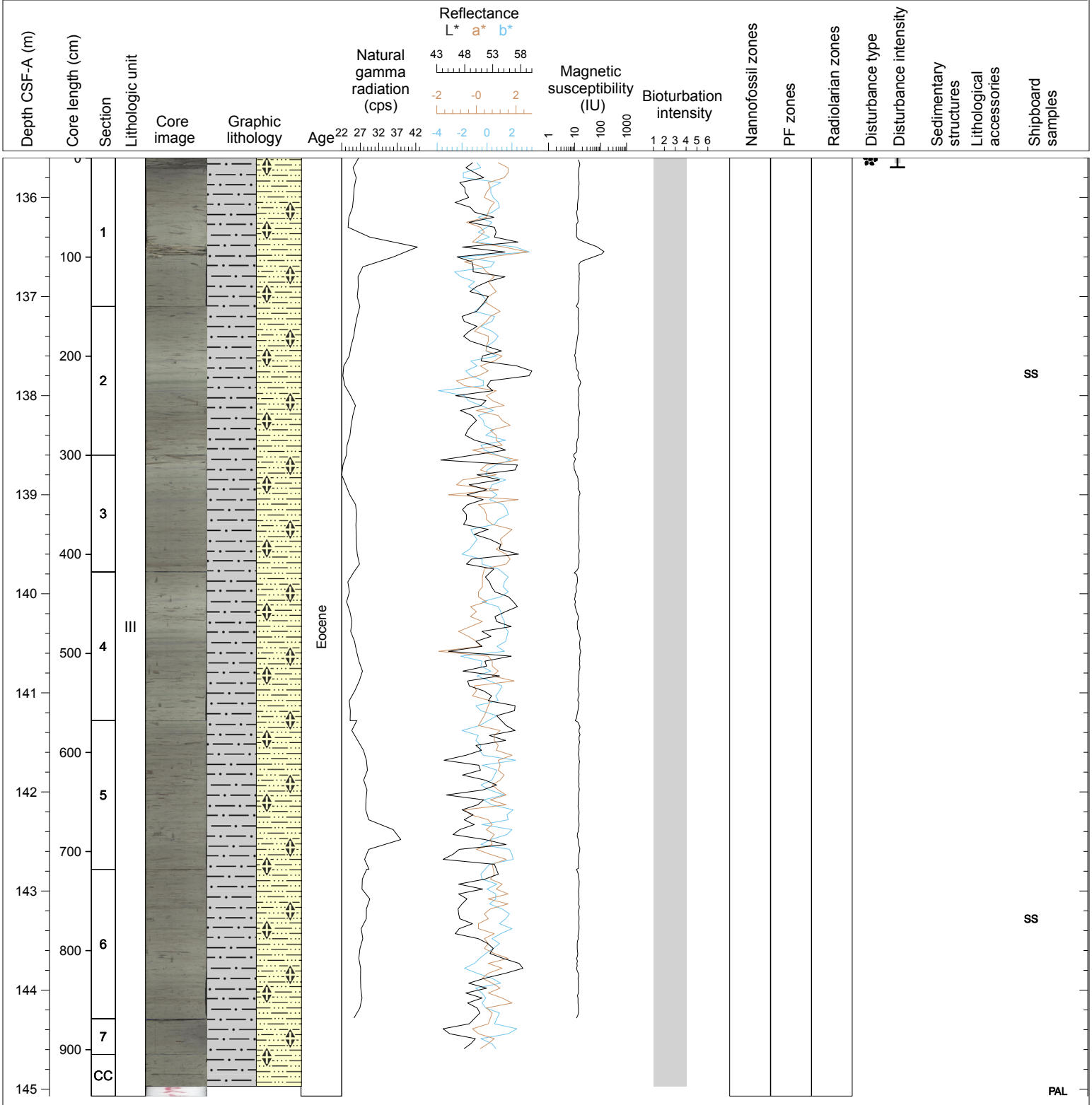
Hole 342-U1408B Core 16H, Interval 128.7-135.66 m (CSF-A)

Core U1408B-16H is predominately a greenish grey (5GY 6/1) nannofossil nannofossil clay, with rare, interspersed light greenish gray and white (5GY 7/1, N8) foraminiferal nannofossil ooze with clay. This core continues the trend begun in Core 13H of containing fewer and fewer, increasing faint light-dark cycles in color and associated lithological change. The spacing and thickness of white beds and lighter greenish grey beds is irregular and generally occurs on Section rather than decimeter scales. Bioturbation intensity ranges from moderate to heavy. Green glaconitic horizons are only found in the greenish grey intervals and tend to occur in discrete bundles. Core 16H is similar to core 15H in that it contains an abundance of disseminated sulfides through most sections. A minor coring disturbance (along core flow; coded in DESClogik as flow-in) disturbs the bottom of Section 5 from 76 cm through the CC.



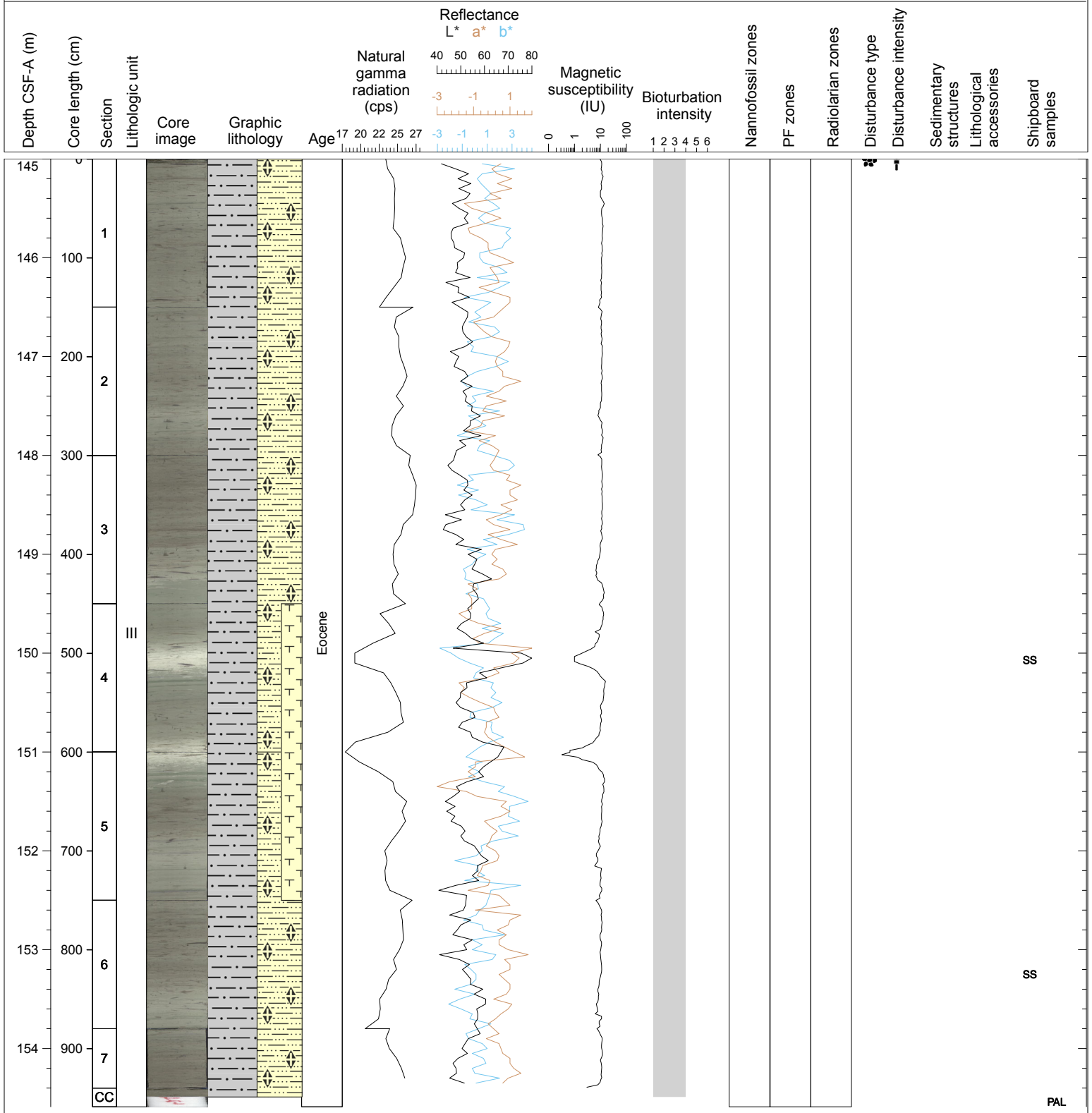
Hole 342-U1408B Core 17H, Interval 135.6-145.07 m (CSF-A)

Core U1408B-17H is predominately a greenish grey (5GY 5/1 to 4/1) nannofossil clay. This core continues the trend begun in Core 13H of containing fewer and fewer, increasing faint light-dark cycles in color and associated lithological change. The spacing and thickness ofthe greenish grey beds is irregular and generally occurs on Section rather than decimeter scales. Bioturbation intensity ranges from moderate to heavy. Green glaconitic horizons are only found in the greenish grey intervals and tend to occur in discrete bundles. Core 17H is similar to core 15H in that it contains an abundance of disseminated sulfides through most sections. A calcareous nodule is present in Section 1, 92 to 97 cm.



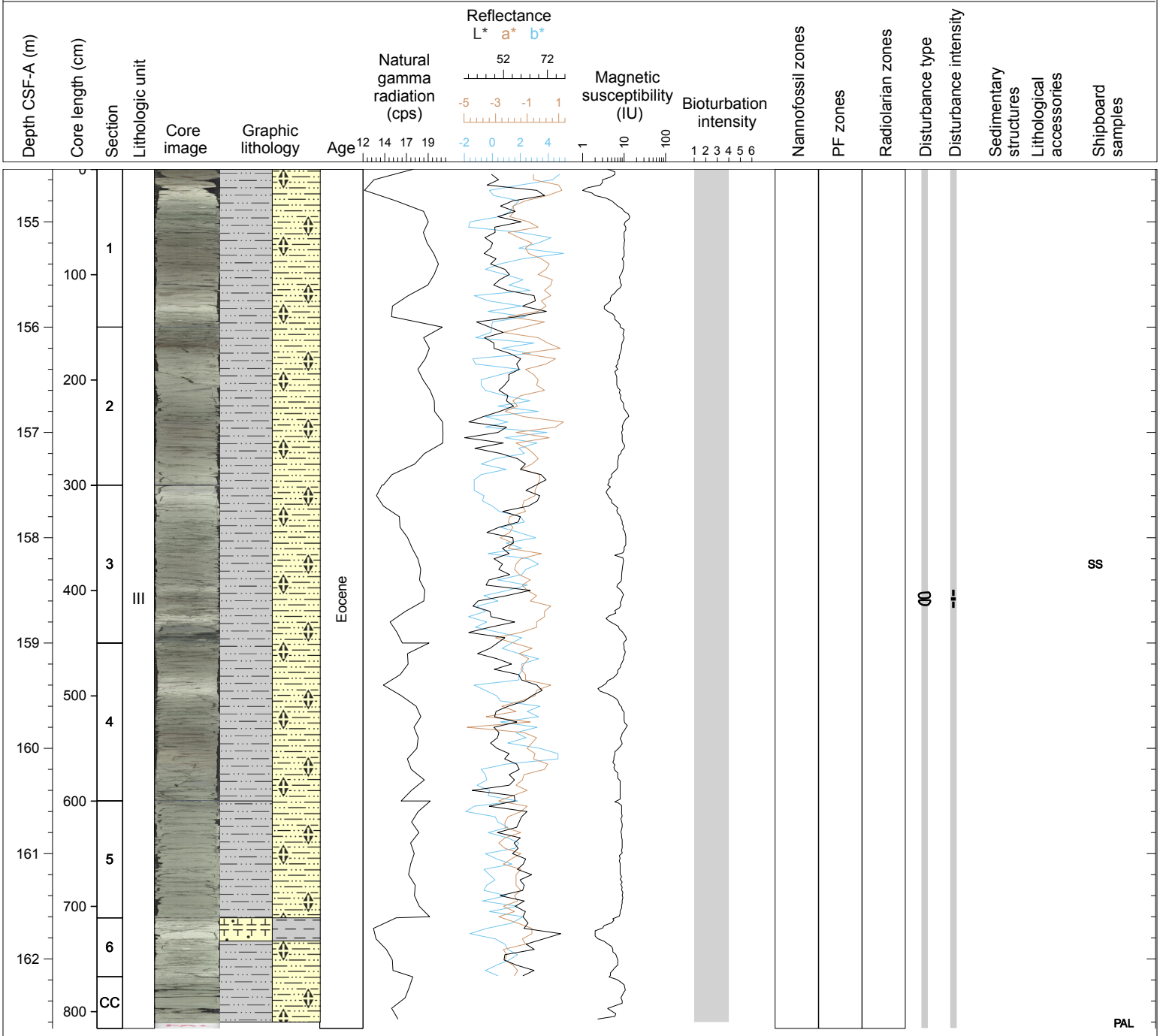
Hole 342-U1408B Core 18H, Interval 145.0-154.59 m (CSF-A)

Core U1408B-18H is predominately a greenish grey (5GY 5/1 to 4/1) nannofossil clay with subordinate, white nannofossil ooze with foraminifers. The spacing and thickness of the greenish grey beds is irregular and generally occurs on Section rather than decimeter scales. Bioturbation intensity ranges from moderate to heavy. White (N 8) nannofossil ooze with foraminifer layers are present in Section 4 and Section 5.



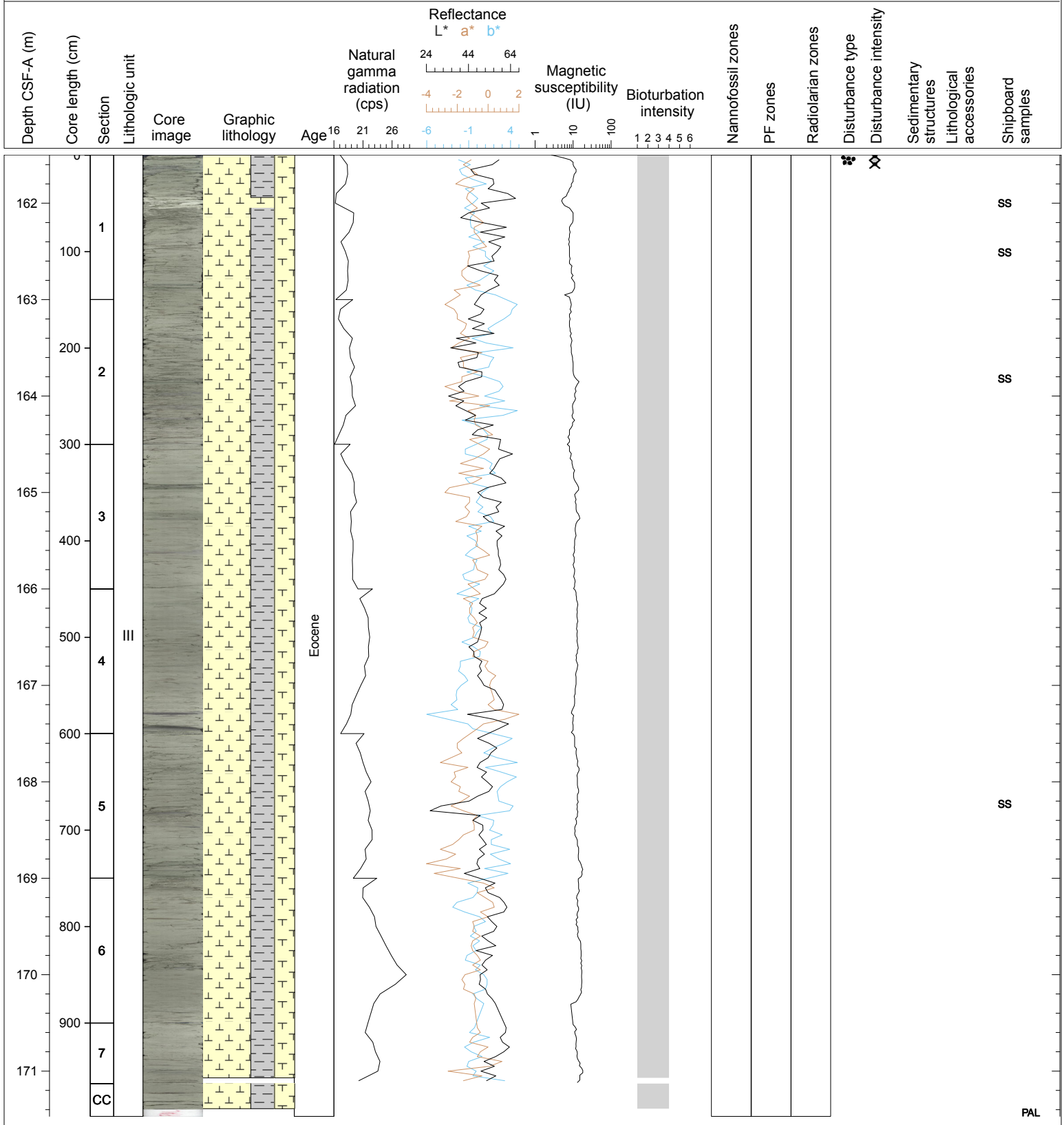
Hole 342-U1408B Core 19X, Interval 154.5-162.66 m (CSF-A)

Core U1408B-19X is predominately a greenish grey (5GY 5/1 to 4/1) nannofossil clay with subordinate, light (N 7) nannofossil ooze with foraminifers. The spacing and thickness of the greenish grey beds is irregular and generally occurs on Section rather than decimeter scales. Bioturbation intensity ranges from moderate to heavy. White (N 8) nannofossil ooze with foraminifer layers are present in Section 1, 2 and Section 6.



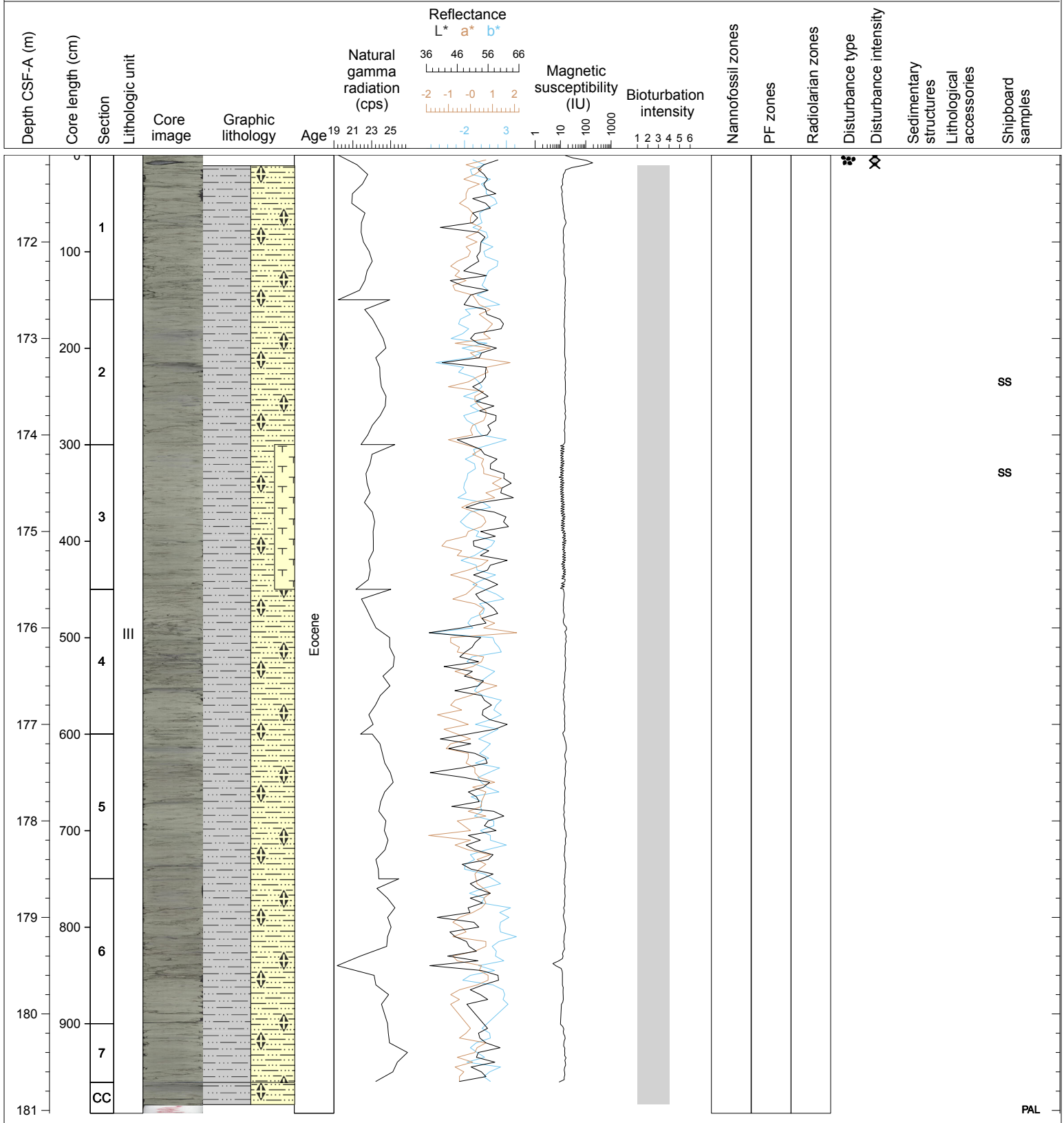
Hole 342-U1408B Core 20X, Interval 161.5-171.47 m (CSF-A)

Core U1408B-20X is clayey nannofossil ooze with foraminifers and the color is 5GY 6/1 (greenish gray) to 5GY 7/1 (light greenish gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. Section 1 has a N 8 (white) nannofossil ooze interval between 45 and 50 cm.



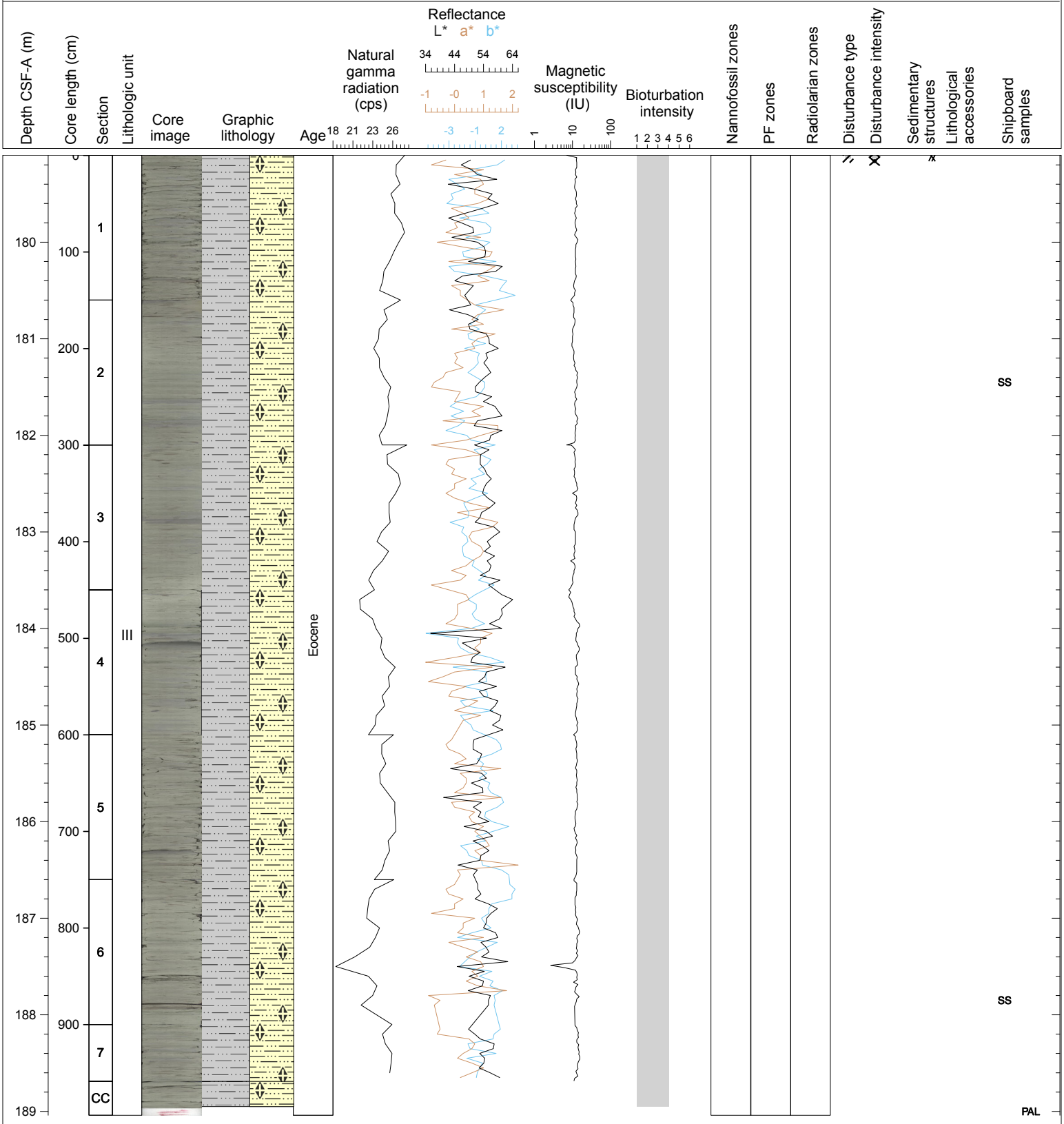
Hole 342-U1408B Core 21X, Interval 171.1-181.03 m (CSF-A)

Core U1408B-21X is a nannofossil clay with sparse foraminifers and the color is 5GY 6/1 (greenish gray) to 10Y 6/1 (greenish gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity.



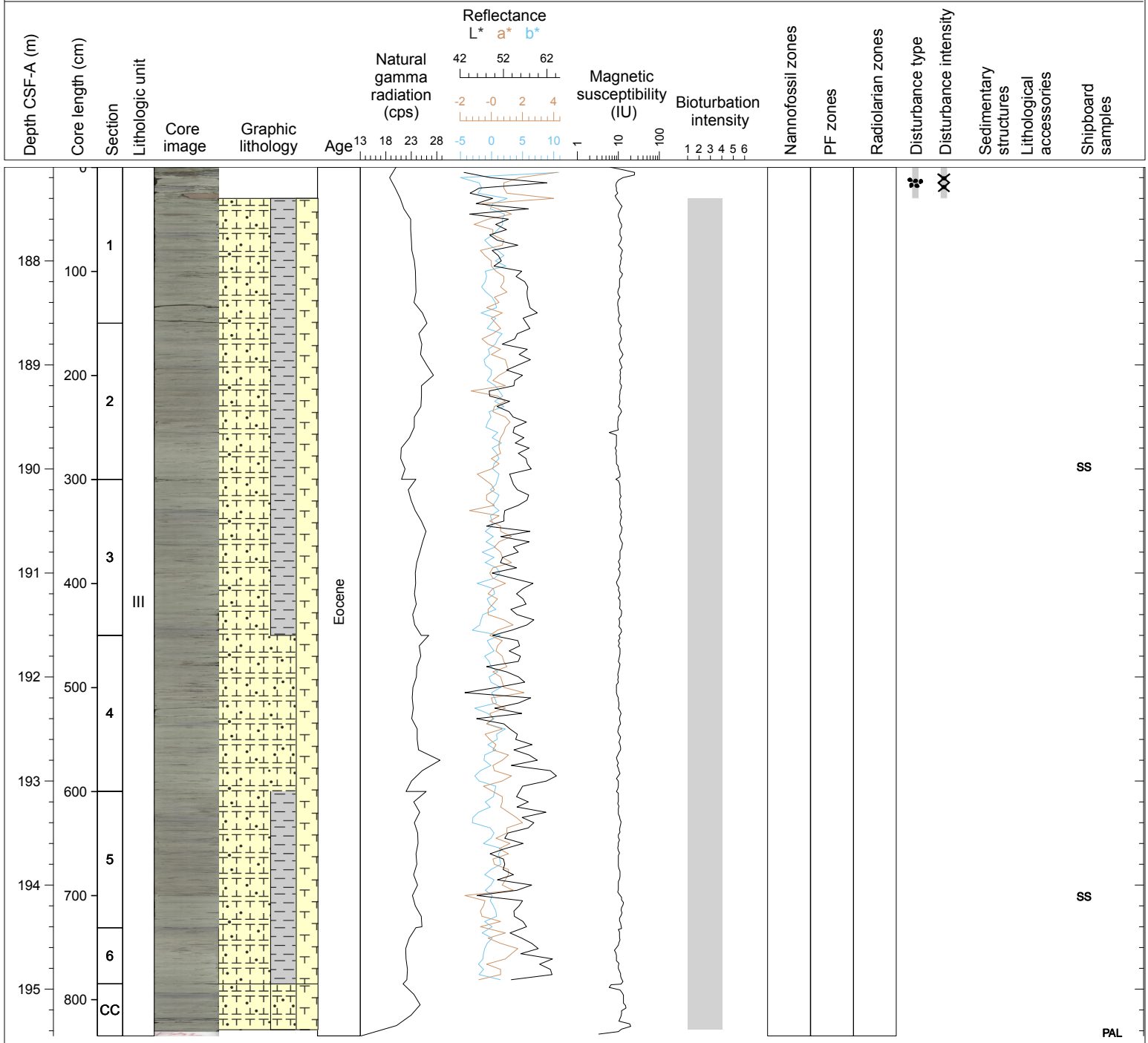
Hole 342-U1408B Core 22X, Interval 179.1-189.04 m (CSF-A)

Core U1408B-22X is a nannofossil clay with sparse foraminifers and the color is 5GY 6/1 (greenish gray) to 10Y 6/1 (greenish gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity.



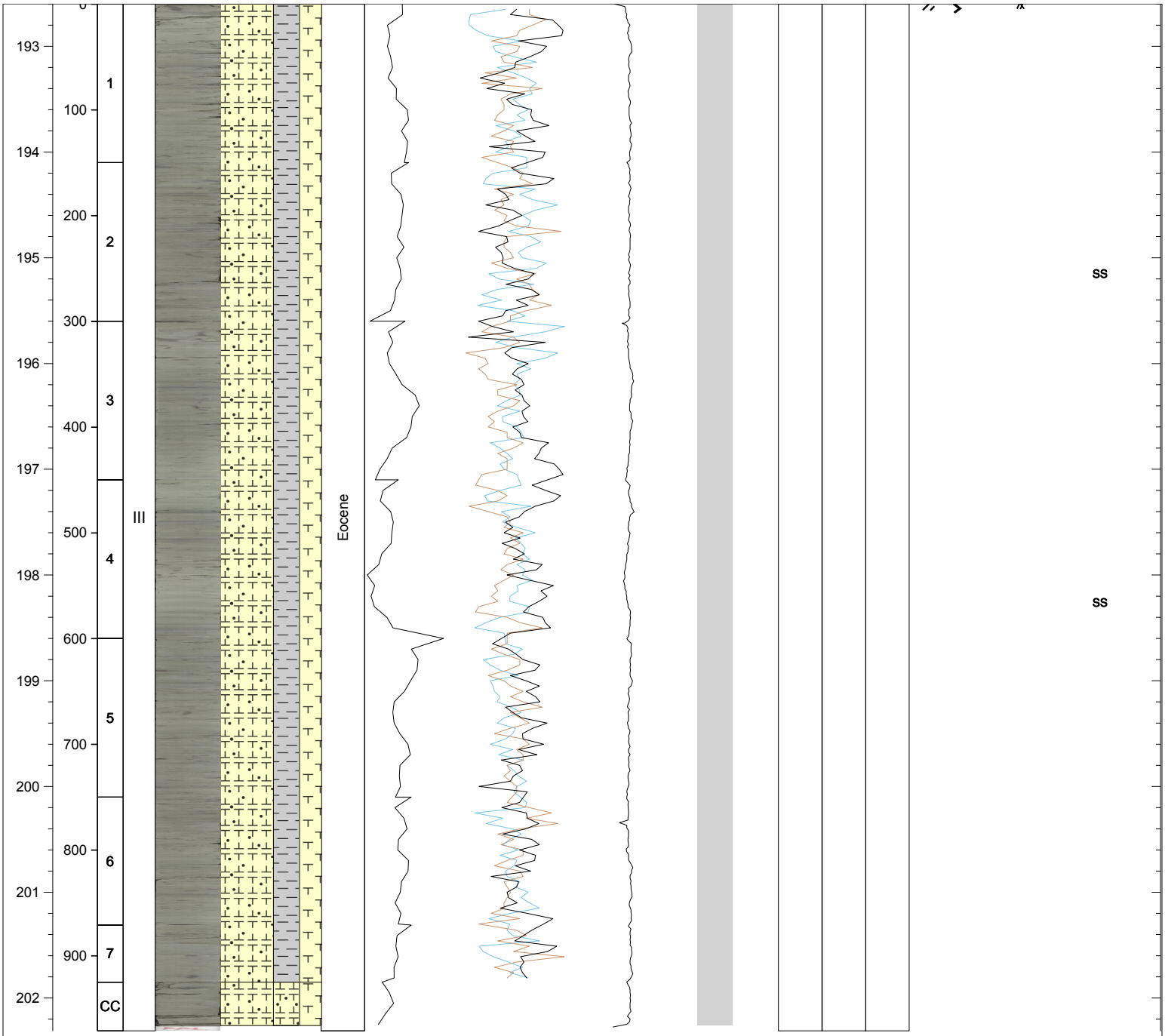
Hole 342-U1408B Core 23X, Interval 187.1-195.45 m (CSF-A)

Core U1408B-23X is a nannofossil clay with sparse foraminifers and the color is 5GY 6/1 (greenish gray) to 10Y 6/1 (greenish gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. XCB cores all share an extremely high level of preservation of the sedimentary structures, the burrows and diagenetic banding.



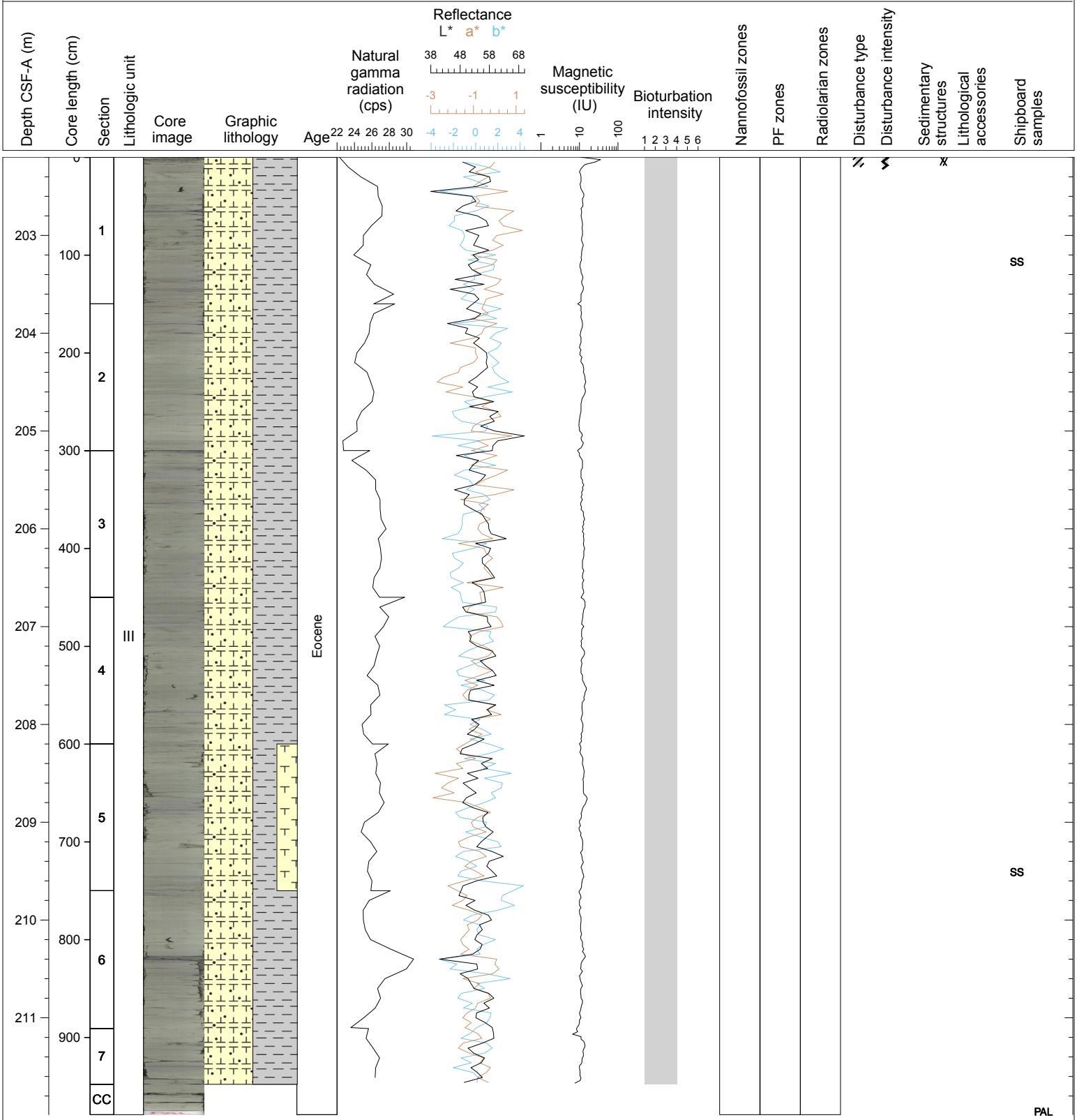
Hole 342-U1408B Core 24X, Interval 192.6-202.31 m (CSF-A)

Core U1408B-24X is a clayey nannofossil chalk with foraminifers and the color is 5GY 6/1 (greenish gray) to 10Y 6/1 (greenish gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. XCB cores all share an extremely high level of preservation of the sedimentary structures, the burrows and diagenetic banding.



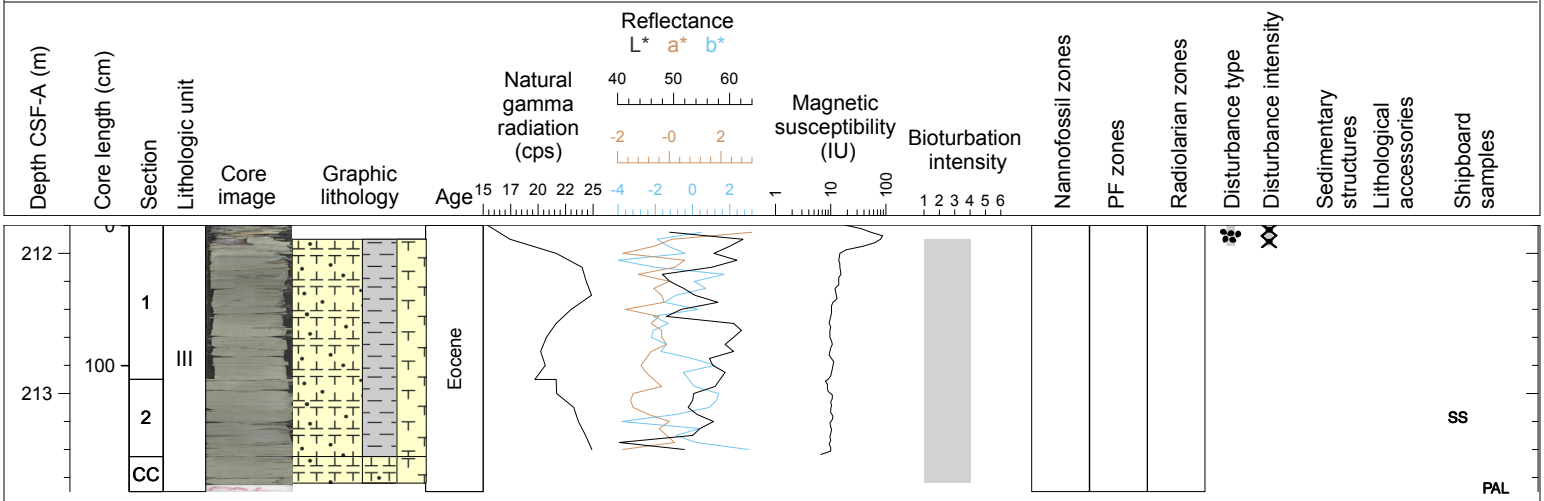
Hole 342-U1408B Core 25X, Interval 202.2-211.99 m (CSF-A)

Core U1408B-25X is a clayey nannofossil chalk and the color is 5GY 6/1 (greenish gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. XCB cores all share an extremely high level of preservation of the sedimentary structures, the burrows and diagenetic banding.



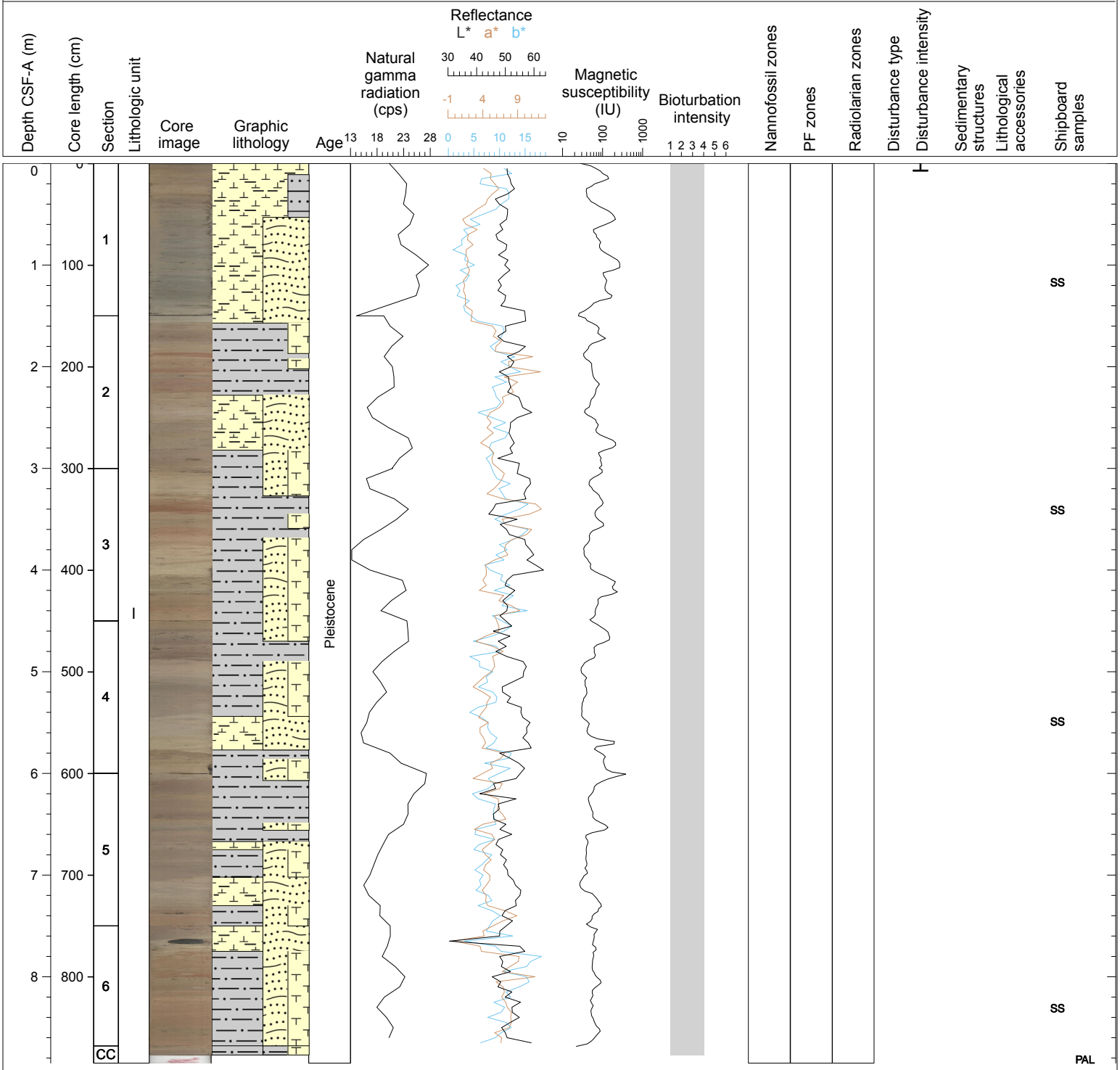
Hole 342-U1408B Core 26X, Interval 211.8-213.7 m (CSF-A)

Core U1408B-26X is a clayey nannofossil chalk with foraminifers and the color is 5GY 6/1 (greenish gray). Glauconite occurs in discrete bands and burrowing is moderate in intensity. XCB cores all share an extremely high level of preservation of the sedimentary structures, the burrows and diagenetic banding. The top of the core includes a large number of large >2cm dropstones.



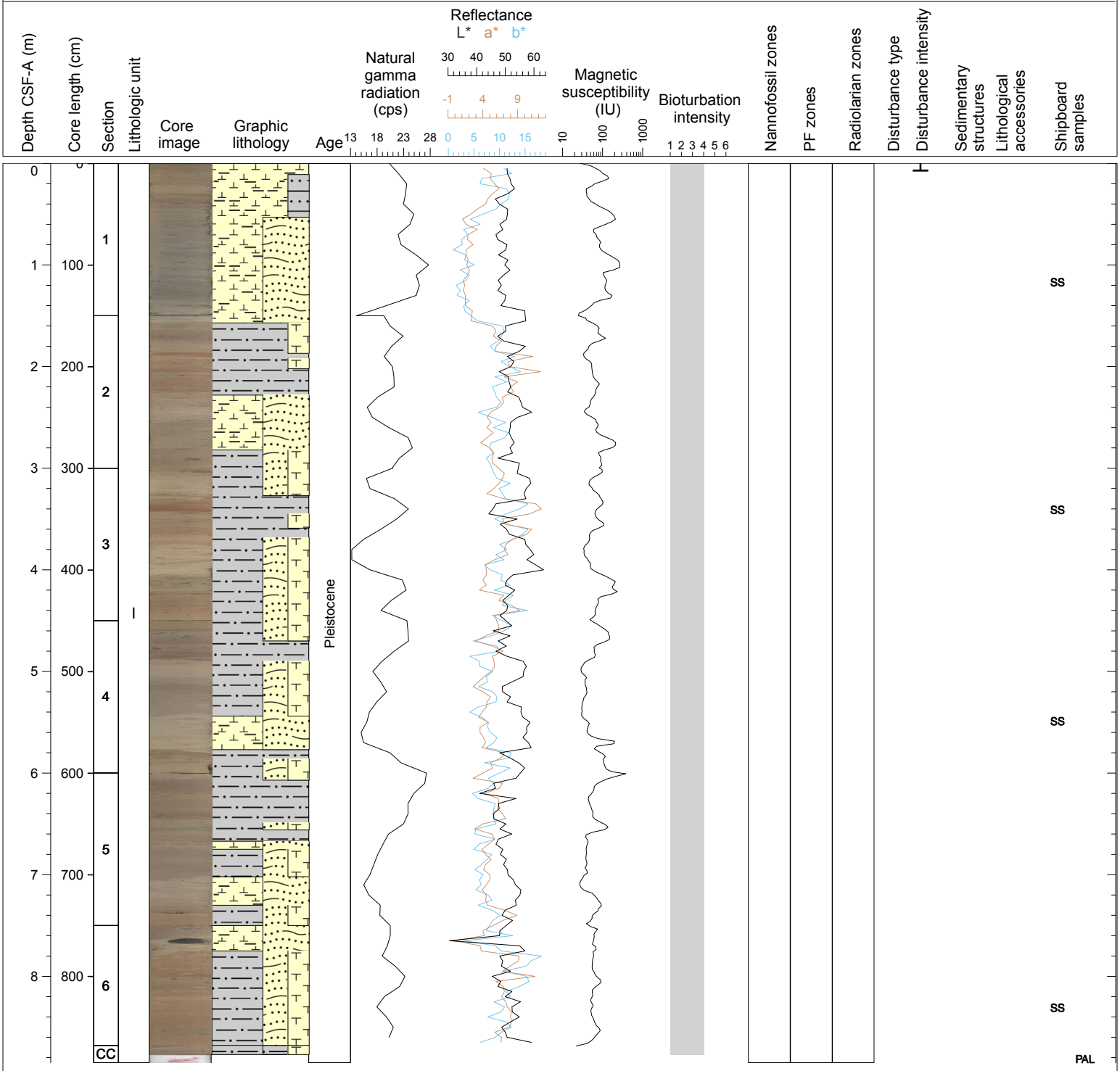
Hole 342-U1408C Core 1H, Interval 0.0-8.85 m (CSF-A)

Core U1408C-1H is a sandy foraminiferal ooze 10YR 6/2 (light brownish gray) that alternates with clay 5YR 5/3 (reddish brown). Glacially transported sand and dropstones are common. The sediments are burrowed and stratified.



Hole 342-U1408C Core 1H, Interval 0.0-8.85 m (CSF-A)

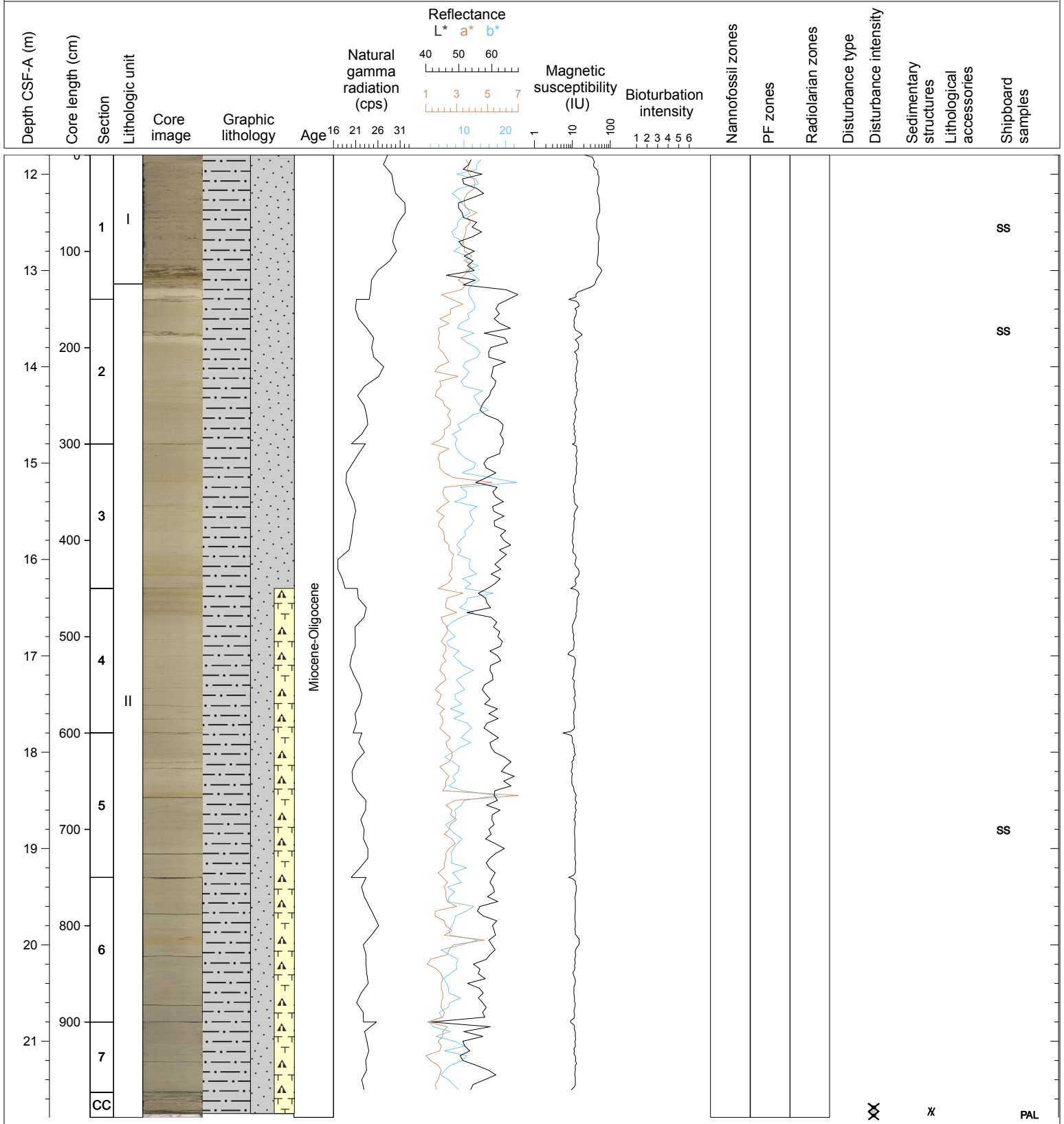
Core U1408C-1H is a sandy foraminiferal ooze 10YR 6/2 (light brownish gray) that alternates with clay 5YR 5/3 (reddish brown). Glacially transported sand and dropstones are common. The sediments are burrowed and stratified.



U1408C-21 Drilled interval

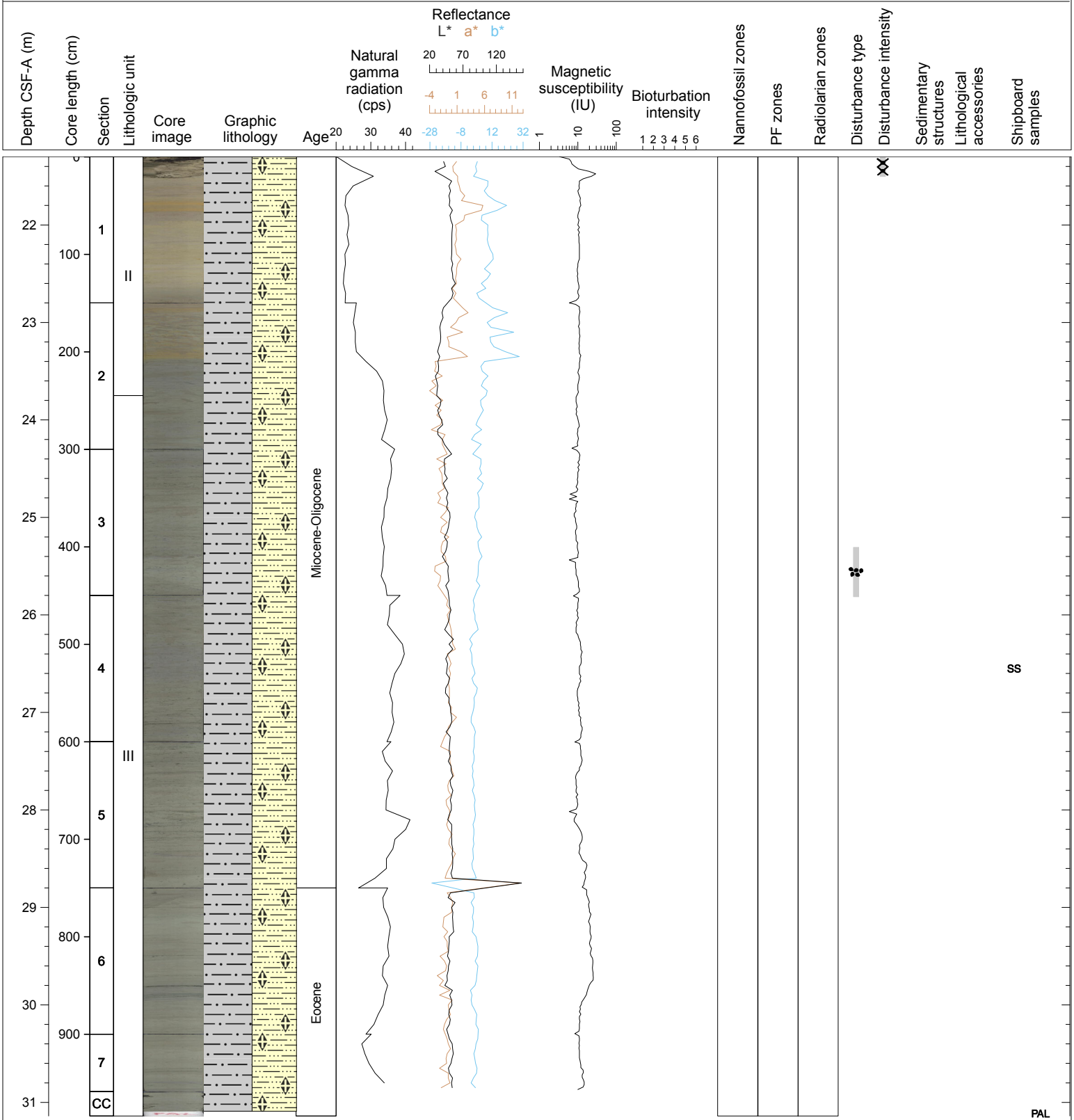
Hole 342-U1408C Core 3H, Interval 11.8-21.79 m (CSF-A)

Core U1408C-3H is a silty clay to silty clay with nannofossils. Section 1 is 10YR 6/3 (pale brown). Sections 2 through CC is 5Y 7/2 (light gray). A notable oxidized sulfide interval is within Section 2 (from 13 to 35 cm). Layers of oxidized sulfide are present in Sections 2 to CC. The sections are slightly to moderately mottled.



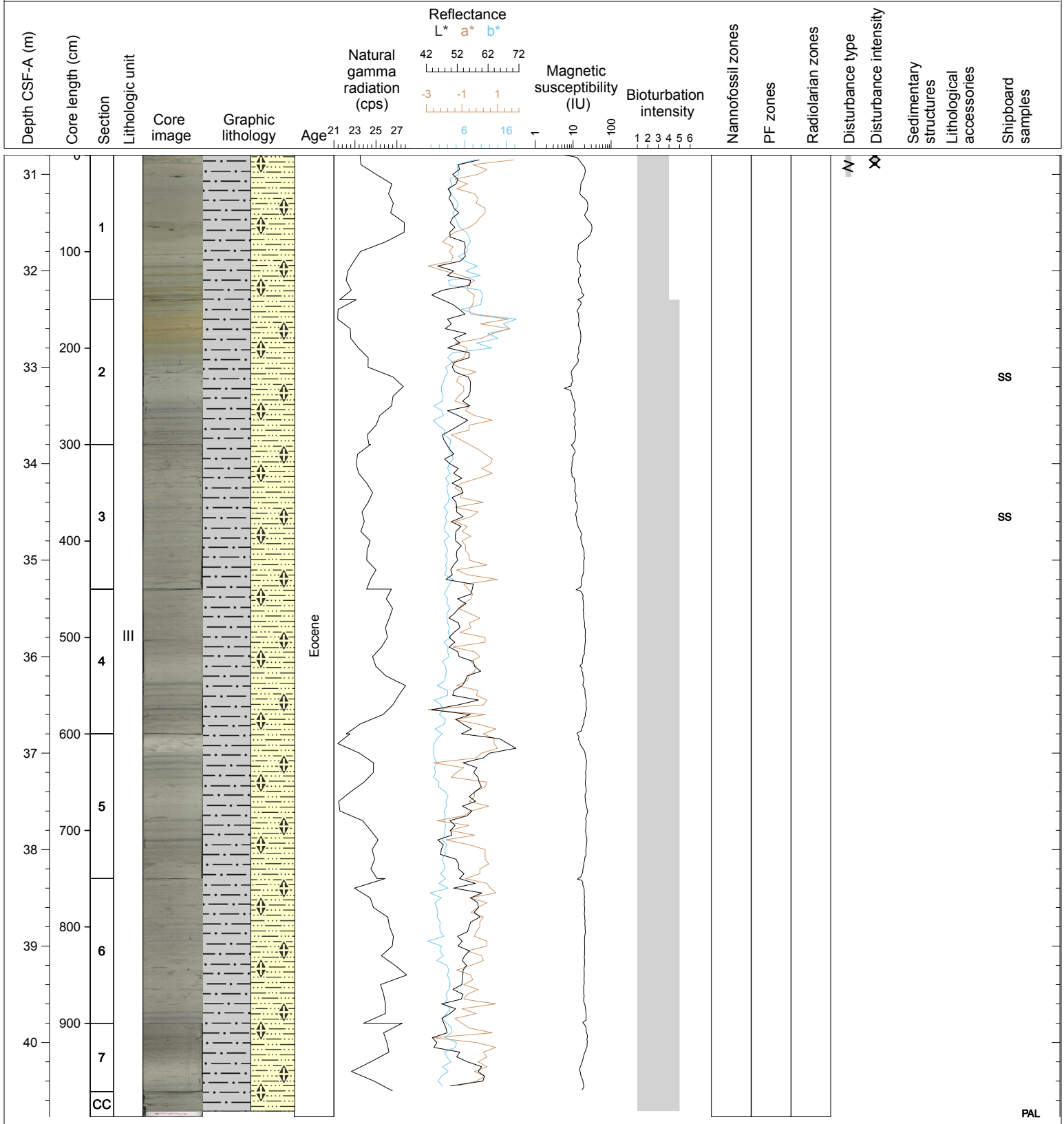
Hole 342-U1408C Core 4H, Interval 21.3-31.14 m (CSF-A)

Core U1408C-4H is nannofossil clay. Section 1 is 10YR 6/3 (pale brown). Sections 2 through CC is 5Y 7/2 (light gray). A notable oxidized sulfide interval is within Section 1 (from 45 to 57 cm). The core commonly contains gray sulfide layers and greenish glauconite/chorite layers. The core is mottled and moderately burrowed.



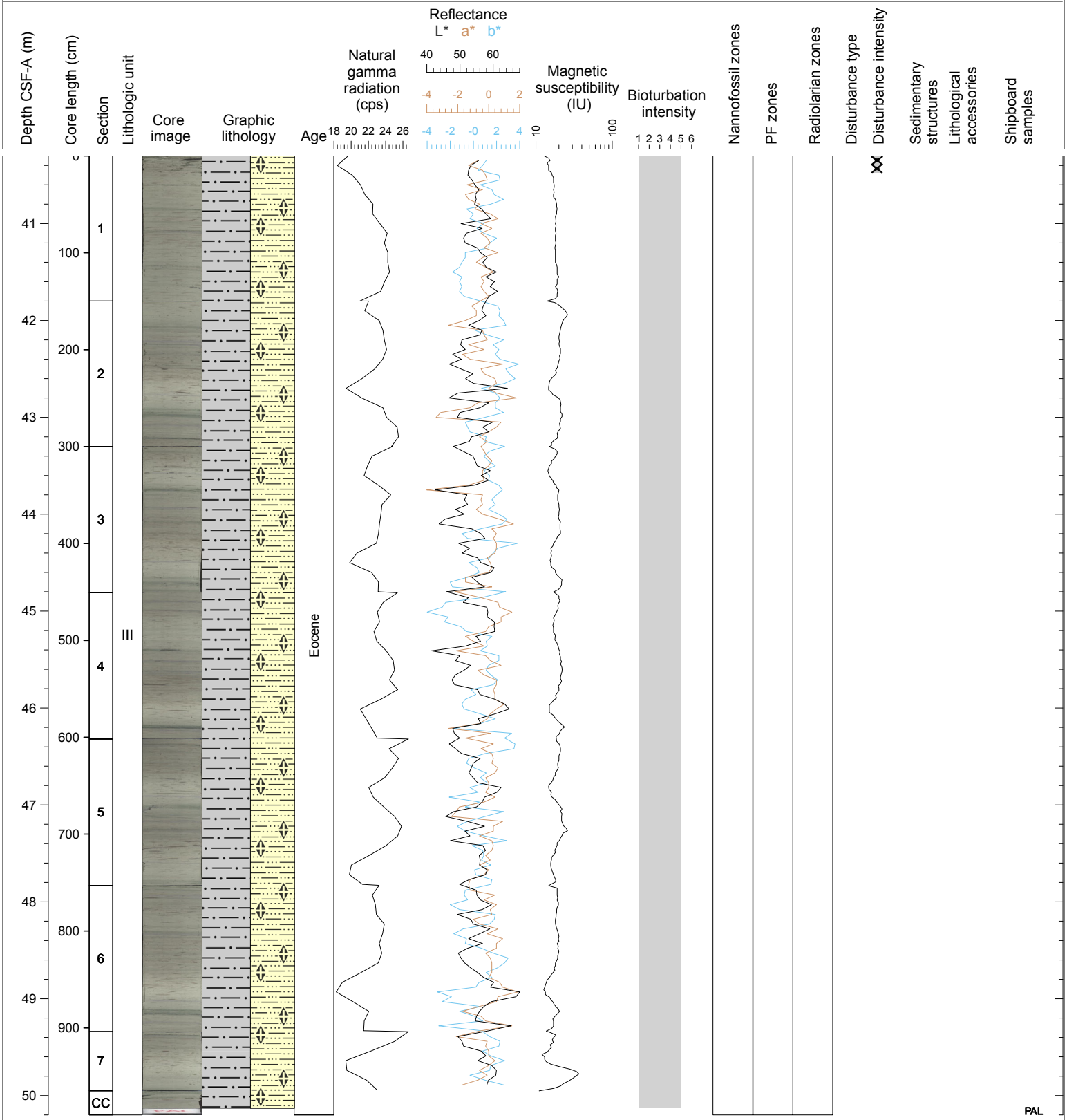
Hole 342-U1408C Core 5H, Interval 30.8-40.77 m (CSF-A)

Core U1408C-5H is a nannofossil clay that is dominantly 10GY 6/1 (greenish gray) in color. These zones alternate with lighter 10Y 7/2 (pale green) nannofossil ooze with foraminifera layers. The core commonly contains gray sulfide layers and greenish glauconite/chorite layers. The core is mottled and moderately burrowed.



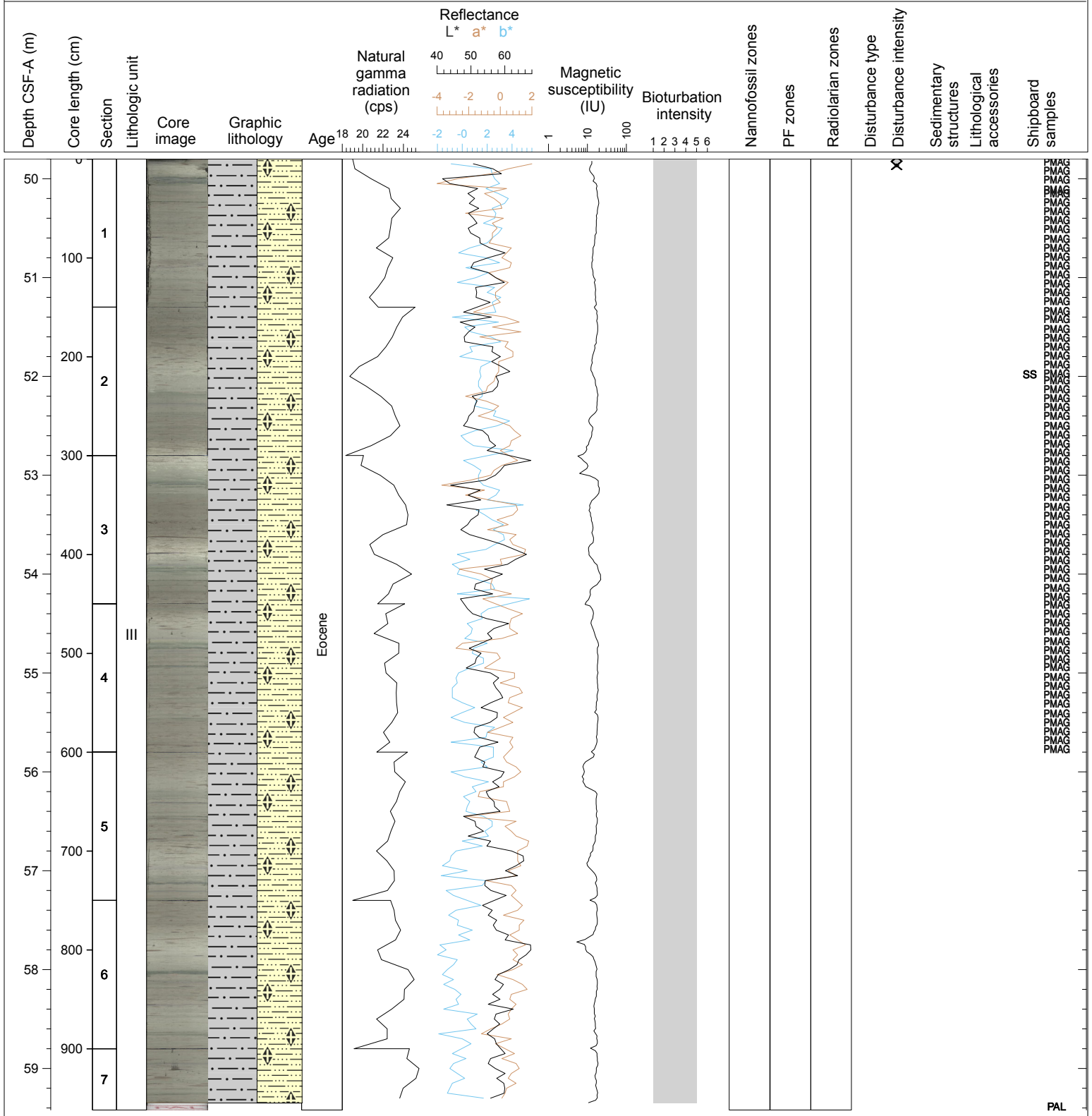
Hole 342-U1408C Core 6H, Interval 40.3-50.2 m (CSF-A)

Core U1408C-6H is a nannofossil clay that is dominantly 10GY 6/1 (greenish gray) in color. These zones alternate with lighter 10Y 7/2 (pale green) nannofossil ooze with foraminifera layers. The core commonly contains gray sulfide layers and greenish glauconite/chorite layers. The core is mottled and moderately burrowed. The top 18cm in Section 1 is fall-in.



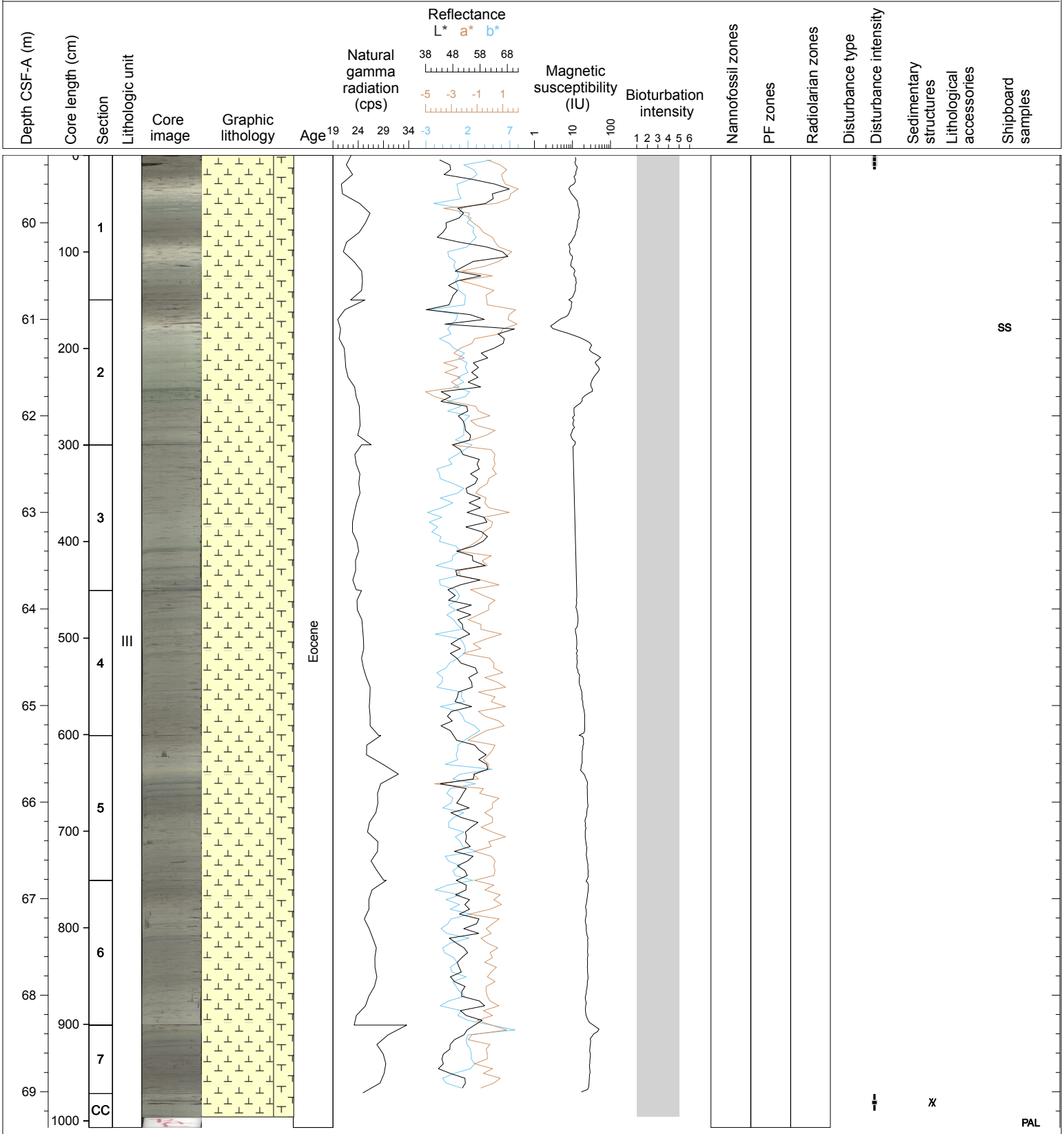
Hole 342-U1408C Core 7H, Interval 49.8-59.42 m (CSF-A)

Core U1408C-7H is a nannofossil clay that is dominantly 10GY 6/1 (greenish gray) in color. These zones alternate with lighter 10Y 7/2 (pale green) nannofossil ooze with foraminifera layers. The core commonly contains gray sulfide layers and greenish glauconite/chorite layers. The core is mottled and moderately burrowed.



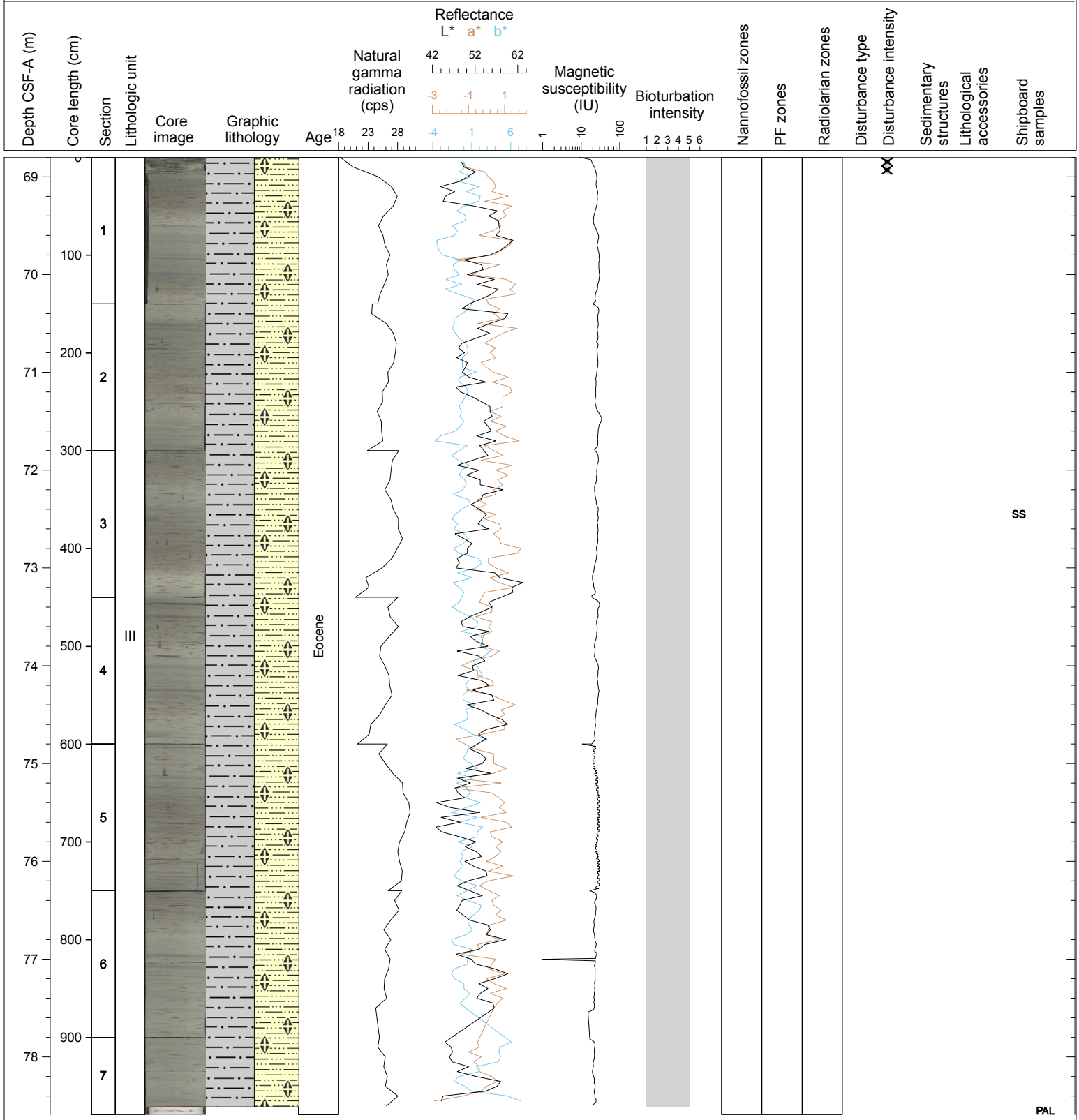
Hole 342-U1408C Core 8H, Interval 59.3-69.37 m (CSF-A)

Core U1408C-8H shows bundling between nannofossil clay 10Y 5/1 (greenish gray) and a bright white N 8 nannofossil ooze with foraminifera. The bundles show distinct patterns. The core is moderately burrowed and mottled with dark gray sulfide layers as well as green glauconite bands. The top 12 cm of Section 1 is moderately disturbed.



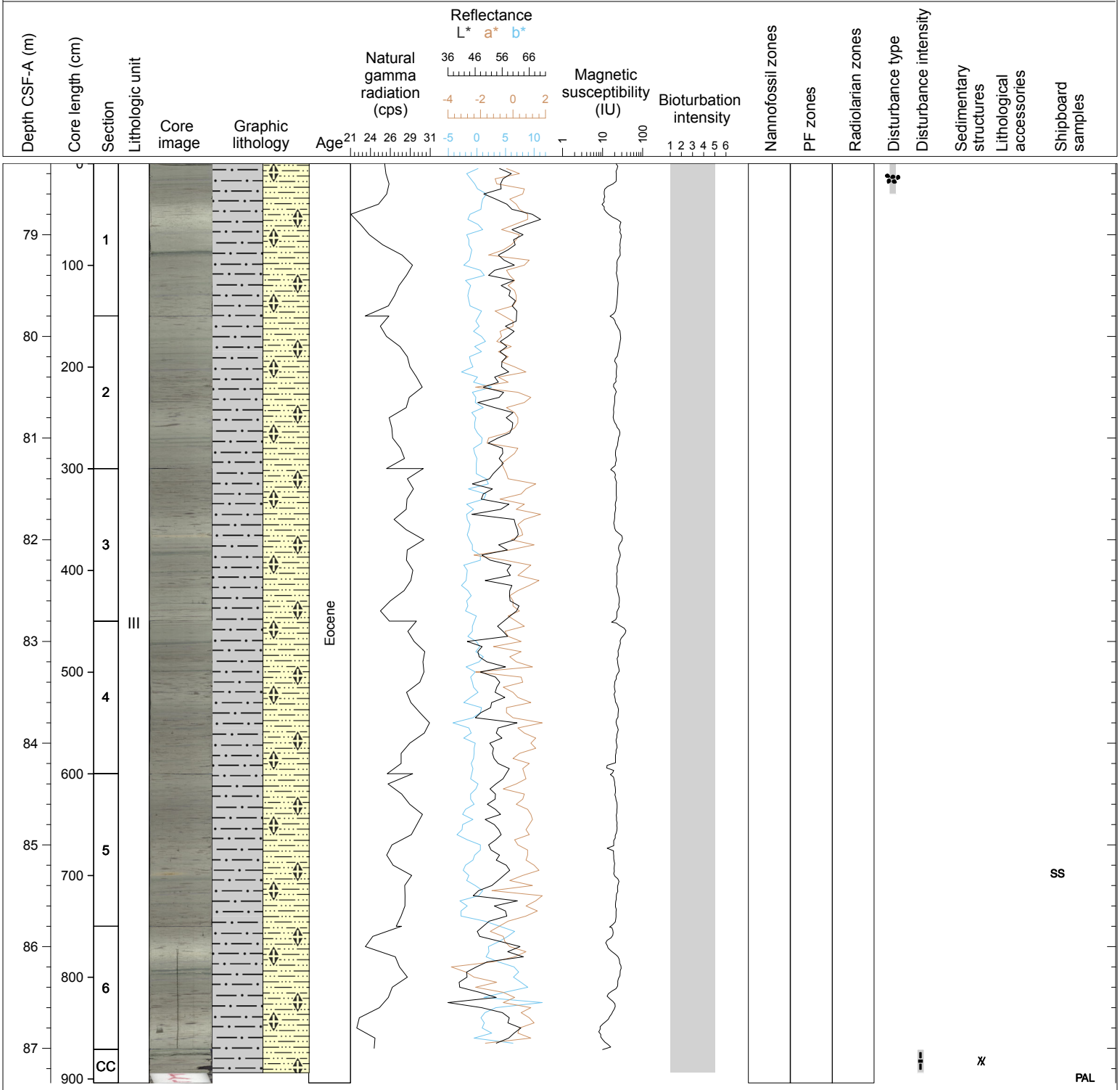
Hole 342-U1408C Core 9H, Interval 68.8-78.59 m (CSF-A)

Core U1408C-9H shows bundling between nannofossil clay 10Y 5/1 (greenish gray) and a bright white N 8 nannofossil ooze with foraminifera. The core is moderately burrowed and mottled with dark gray sulfide layers as well as green glauconite bands. The top 18cm of Section 1 is highly disturbed.



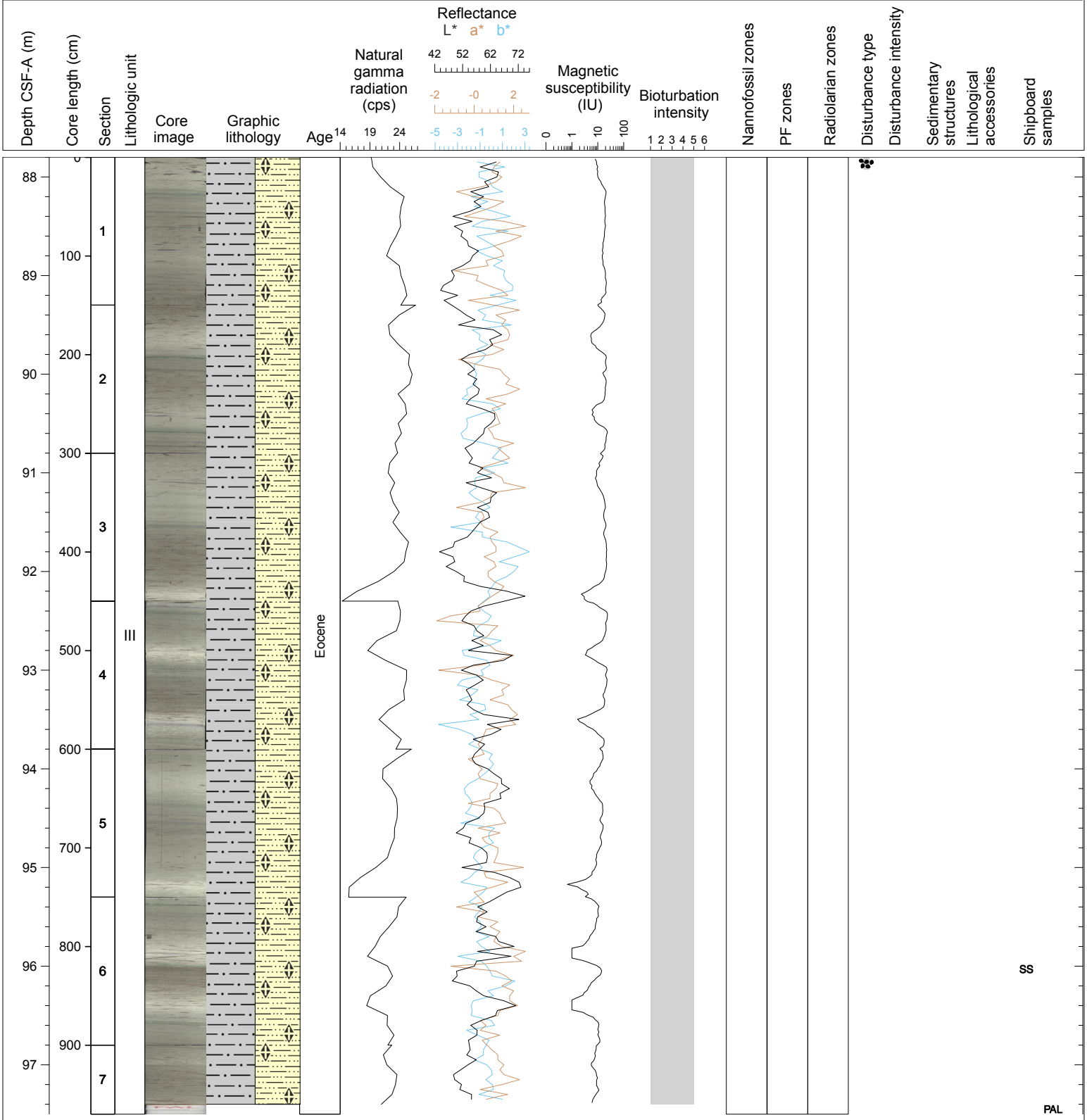
Hole 342-U1408C Core 10H, Interval 78.3-87.34 m (CSF-A)

Core U1408C-10H shows bundling of nannofossil clay 10Y 5/1 (greenish gray) and a bright white N 8 nannofossil ooze with foraminifera. The core is moderately burrowed and mottled with dark gray sulfide patches layers as well as green glauconite bands.



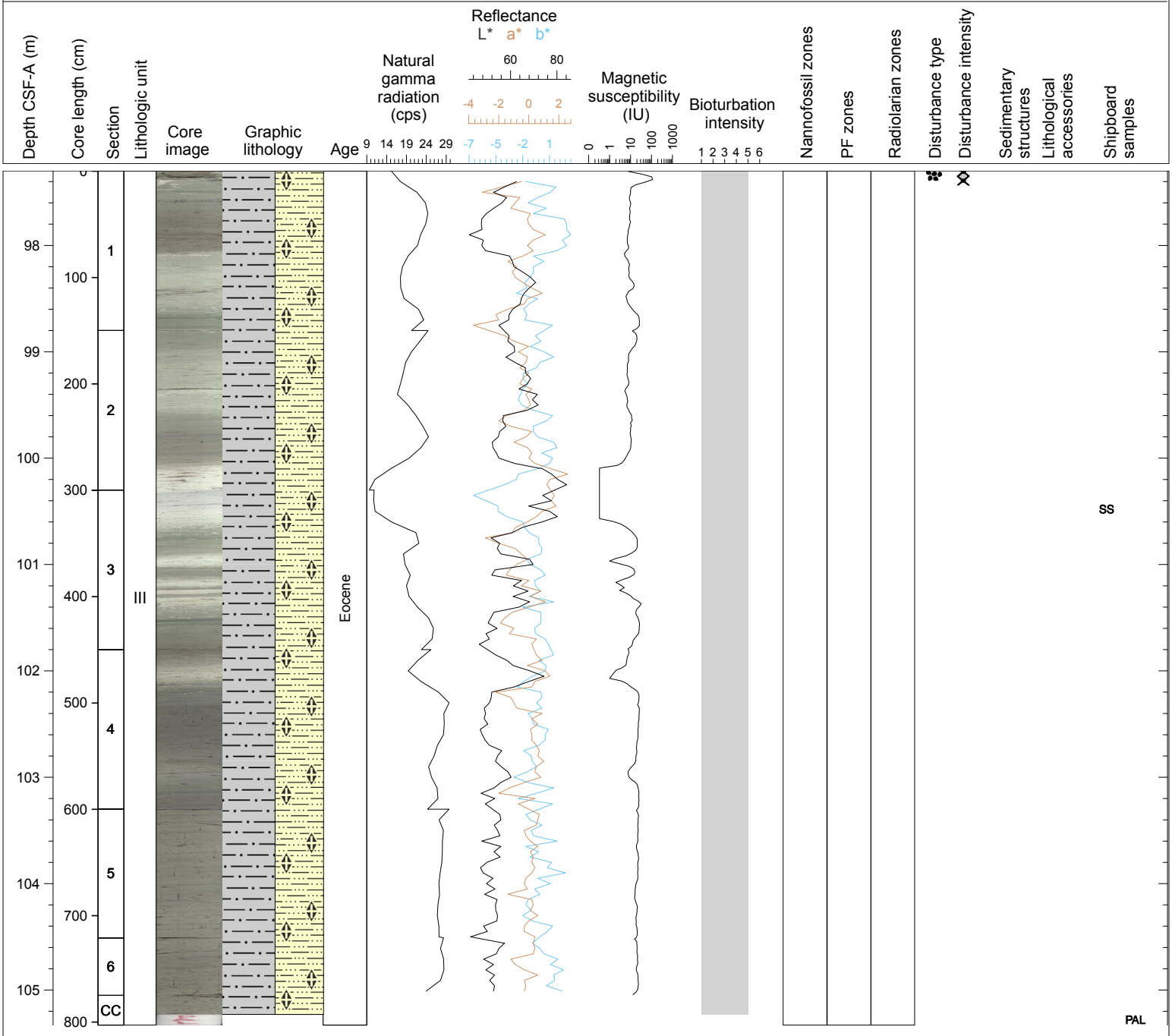
Hole 342-U1408C Core 11H, Interval 87.8-97.5 m (CSF-A)

Core U1408C-11H shows nice bundling of nannofossil clay 10Y 5/1 (greenish gray) and a bright white N 8 nannofossil ooze with foraminifera. Wavelength of these color bundling (rhythms) is 50 to 70 cm in this core, and well expressed in Sections 4, 5 and 6. The core is moderately burrowed and mottled with dark gray sulfide patches layers as well as green glauconite bands.



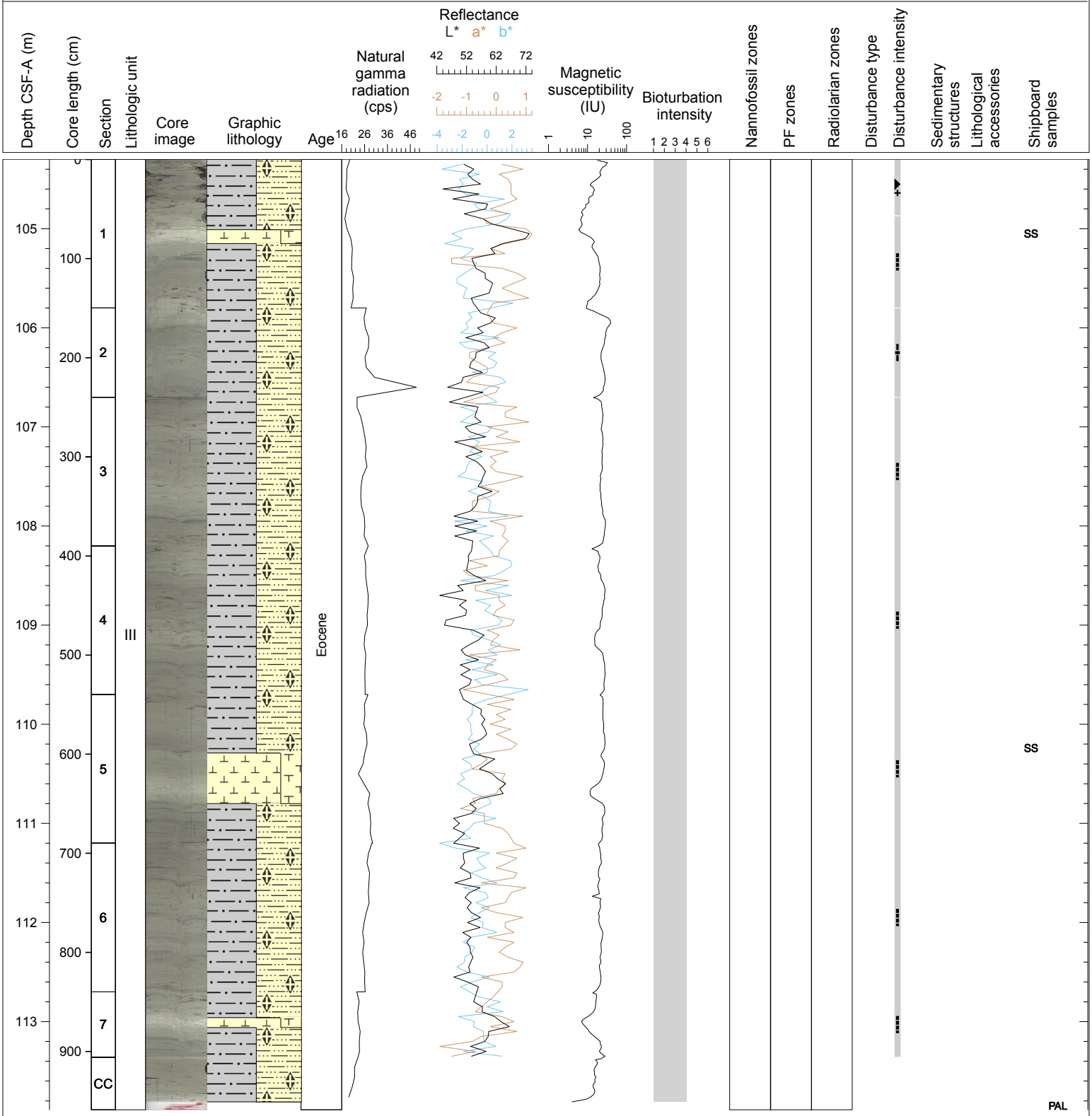
Hole 342-U1408C Core 12H, Interval 97.3-105.33 m (CSF-A)

Core U1408C-12H shows nice bundling of nannofossil clay 10Y 5/1 (greenish gray) and a bright white N 8 nannofossil ooze with foraminifera. The core is moderately burrowed and mottled with dark gray sulfide patches layers as well as green glauconite bands.



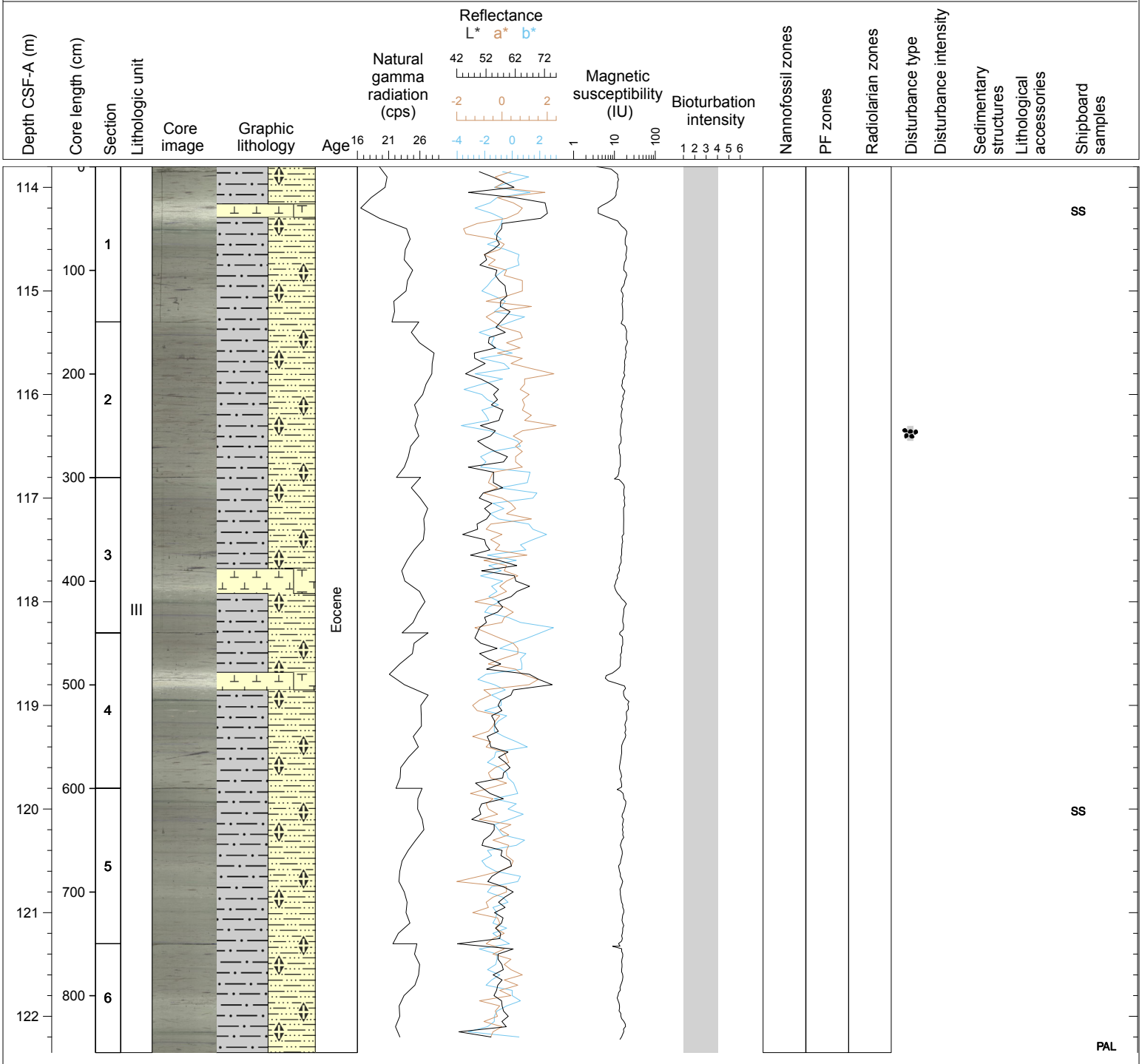
Hole 342-U1408C Core 13H, Interval 104.3-113.89 m (CSF-A)

Core U1408C-13H shows nice bundling of nannofossil clay 10Y 5/1 (greenish gray) and a bright white N 8 nannofossil ooze with foraminifera. The core is moderately burrowed and mottled with dark gray sulfide patches layers as well as green glauconite bands.



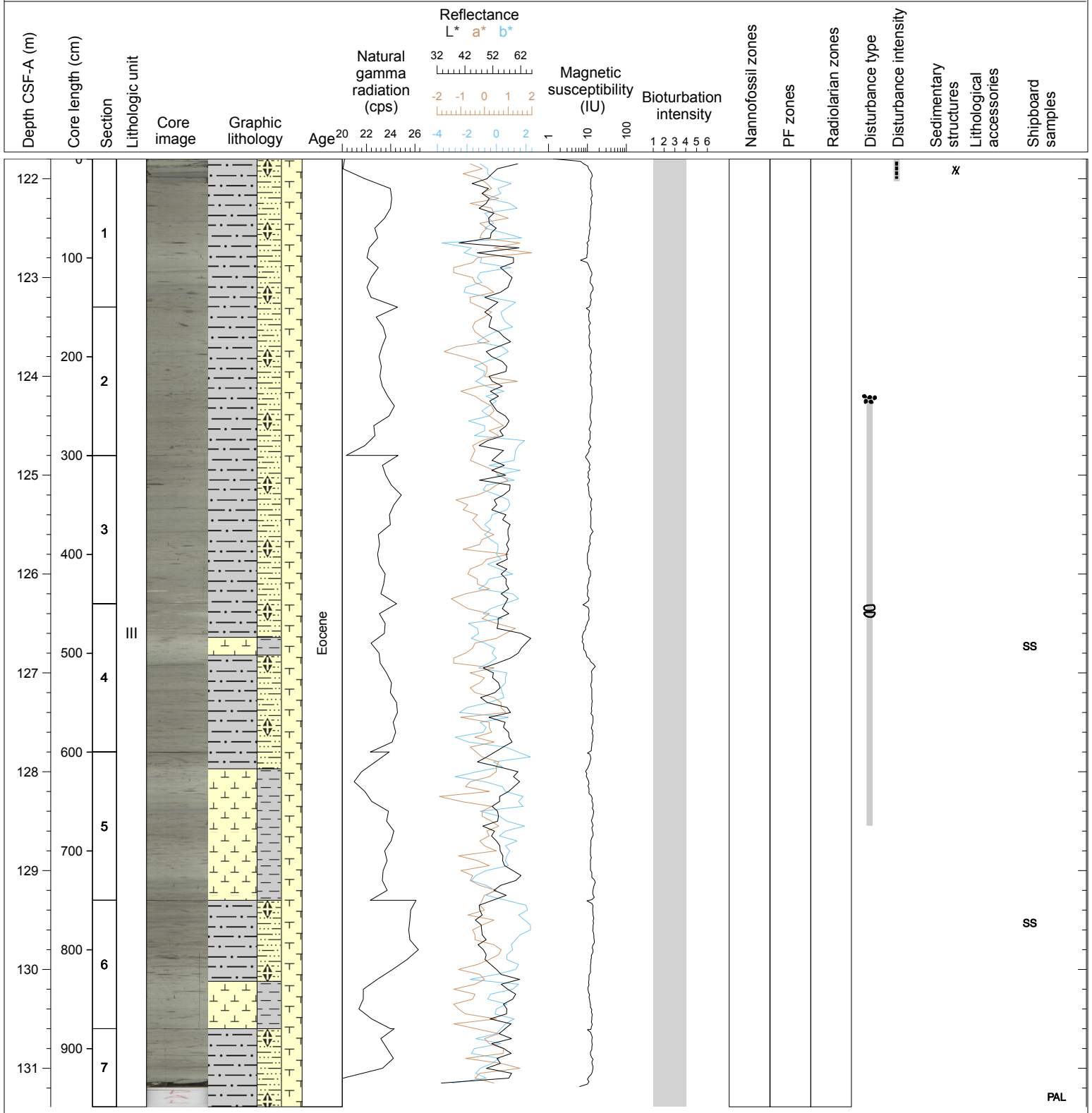
Hole 342-U1408C Core 14H, Interval 113.8-122.35 m (CSF-A)

Core U1408C-14H shows nice bundling of nannofossil clay 10Y 5/1 (greenish gray) and a bright white N 8 nannofossil ooze with foraminifera. The core is moderately burrowed and mottled with dark gray sulfide patches layers as well as green glauconite bands.



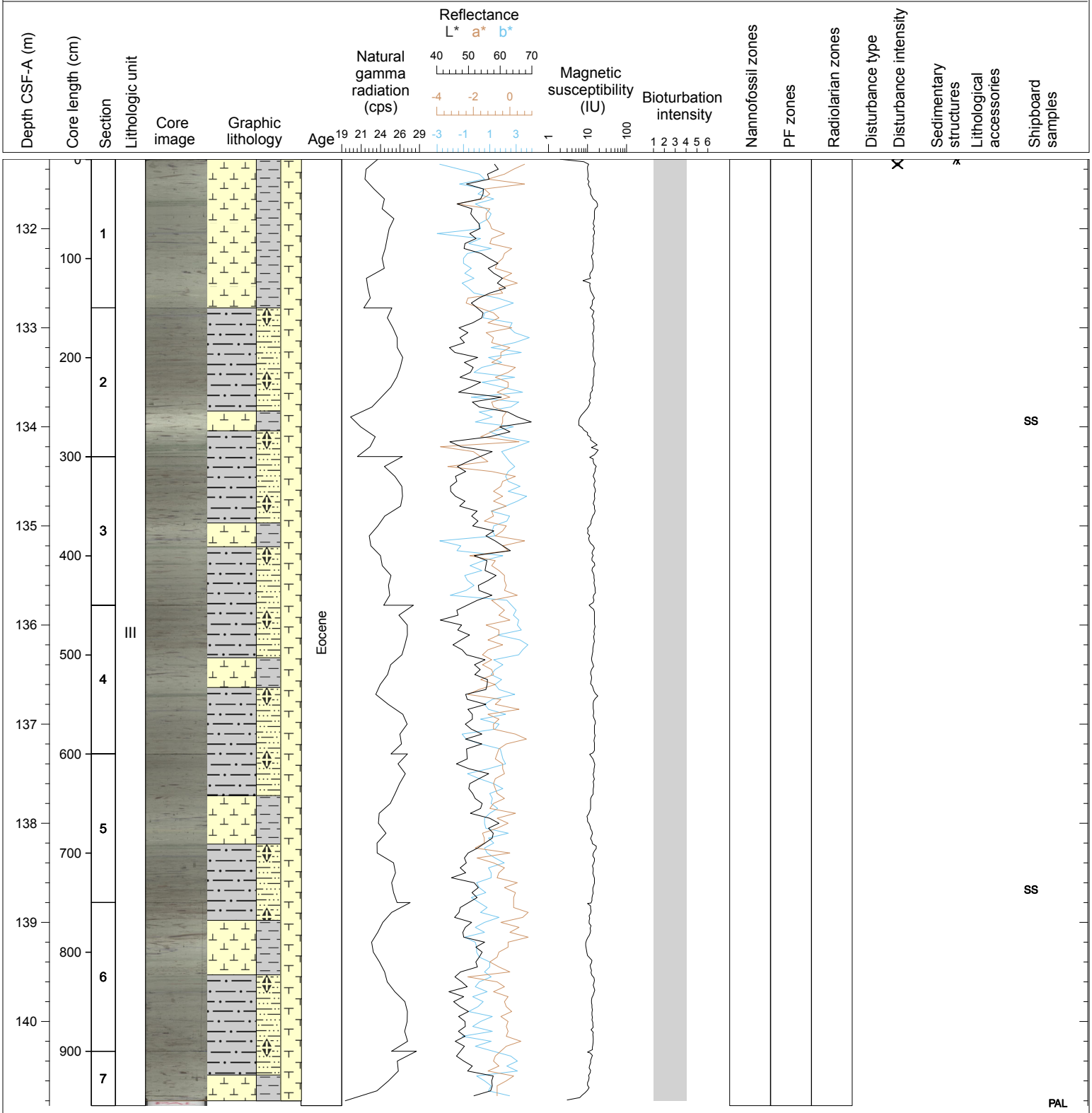
Hole 342-U1408C Core 15H, Interval 121.8-131.39 m (CSF-A)

Core U1408C-15H shows nice bundling of nannofossil clay 10Y 5/1 (greenish gray) and a bright white N 8 nannofossil ooze with foraminifera. The core is moderately burrowed and mottled with dark gray sulfide patches layers as well as green glauconite bands.



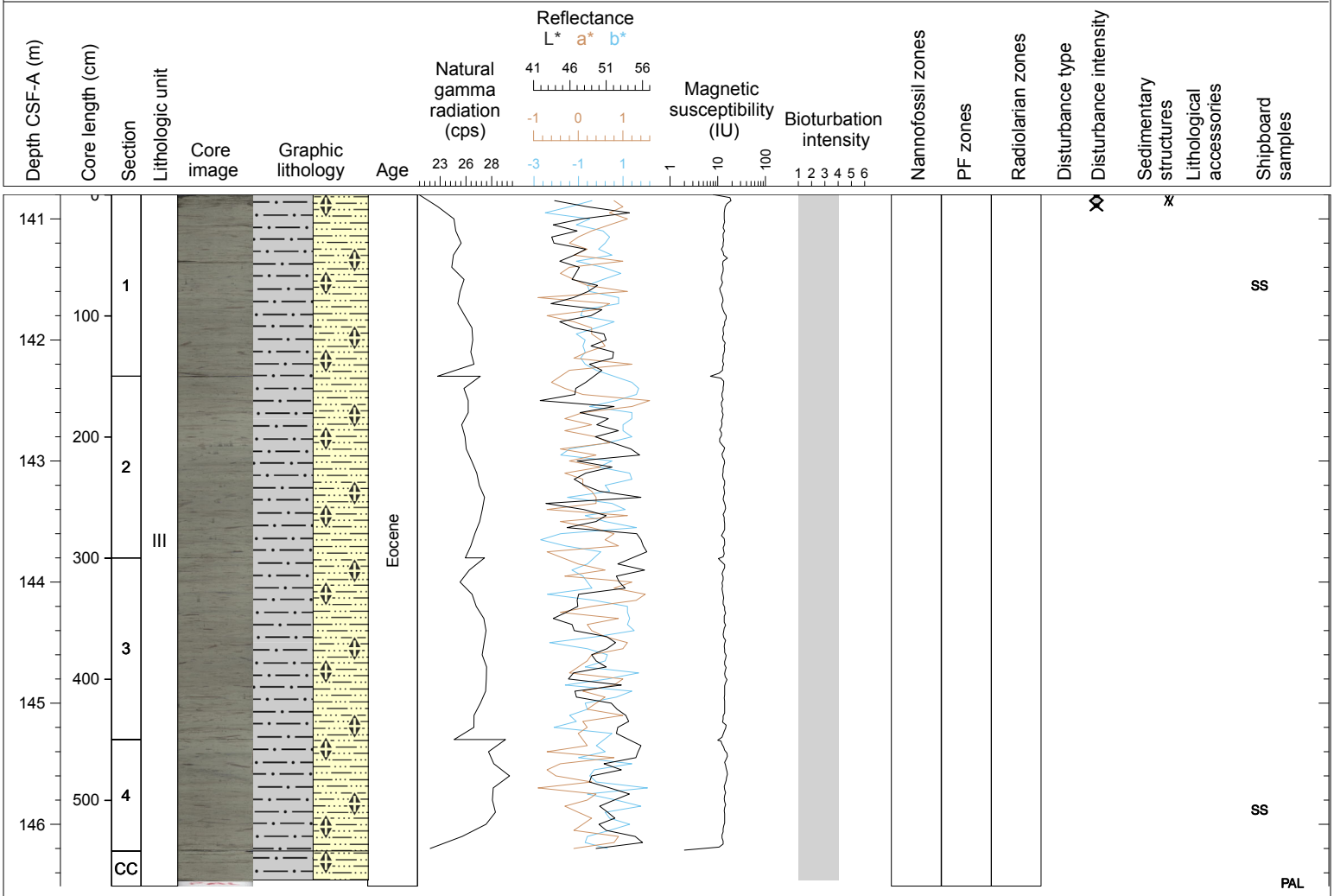
Hole 342-U1408C Core 16H, Interval 131.3-140.85 m (CSF-A)

Core U1408C-16H shows nice bundling of nannofossil clay 10Y 5/1 (greenish gray) and a bright white N 8 nannofossil ooze with foraminifera. The core is moderately burrowed and mottled with dark gray sulfide patches layers as well as green glauconite bands.



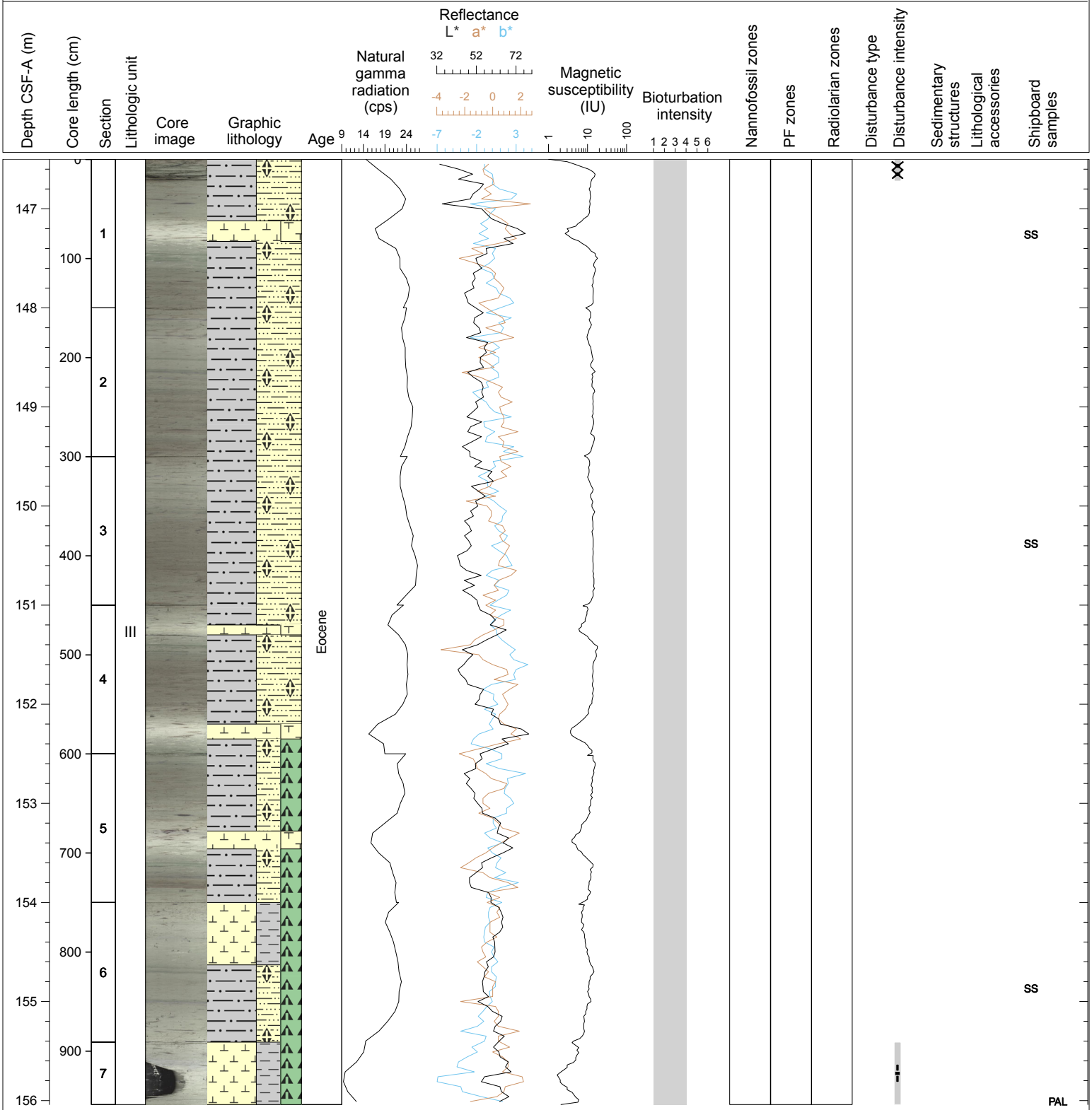
Hole 342-U1408C Core 17H, Interval 140.8-146.51 m (CSF-A)

Core U1408C-17H shows nice bundling of nannofossil clay 10Y 5/1 (greenish gray) and a bright white N 8 nannofossil ooze with foraminifera. The core is moderately burrowed and mottled with dark gray sulfide patches layers as well as green glauconite bands.



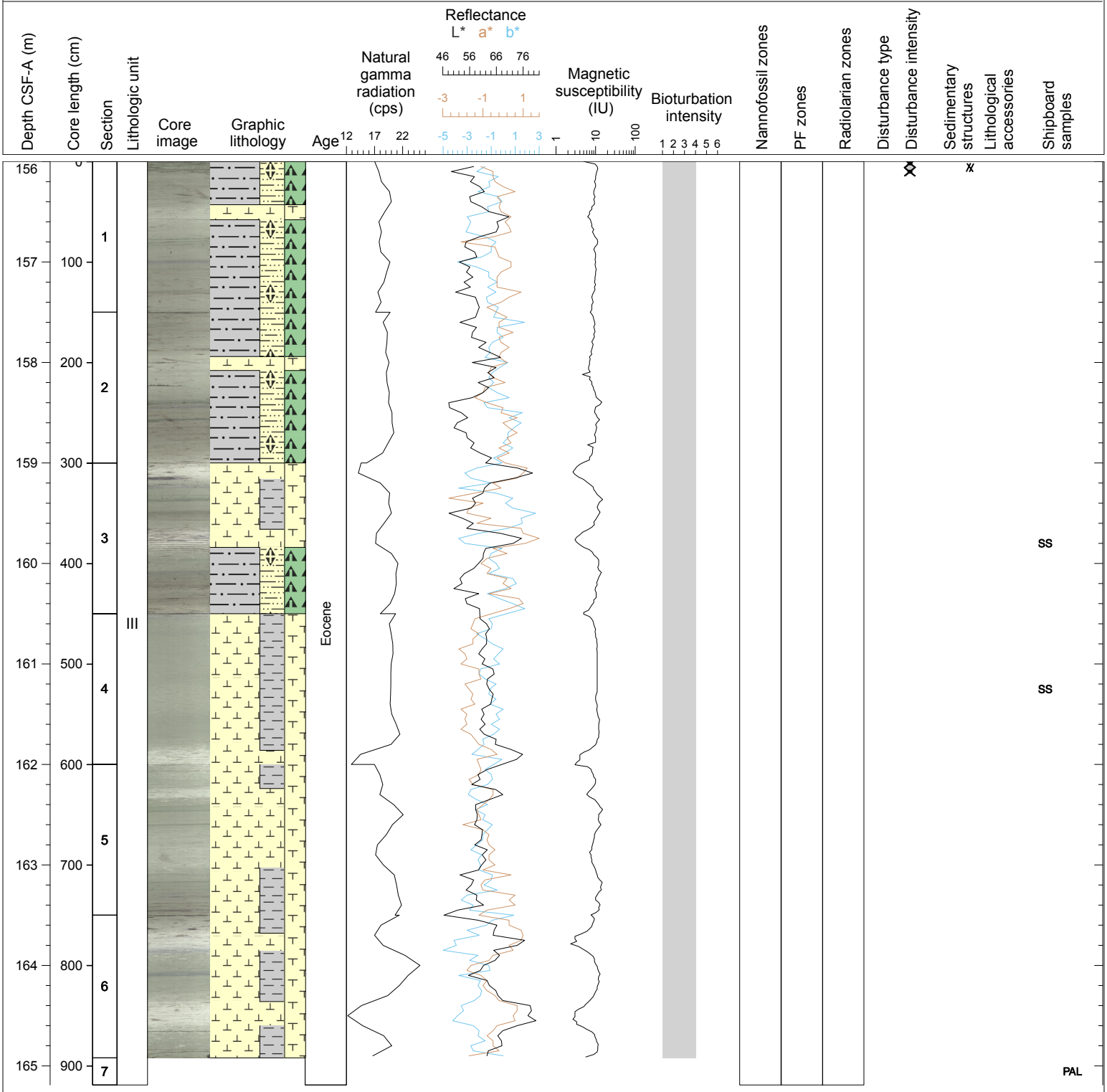
Hole 342-U1408C Core 18H, Interval 146.5-156.04 m (CSF-A)

Core U1408C-18H shows nice bundling of nannofossil clay 10Y 5/1 (greenish gray) and a bright white N 8 nannofossil ooze with foraminifera. The core is moderately burrowed and mottled with dark gray sulfide patches layers as well as green glauconite bands. Much of Section 7 was crushed.



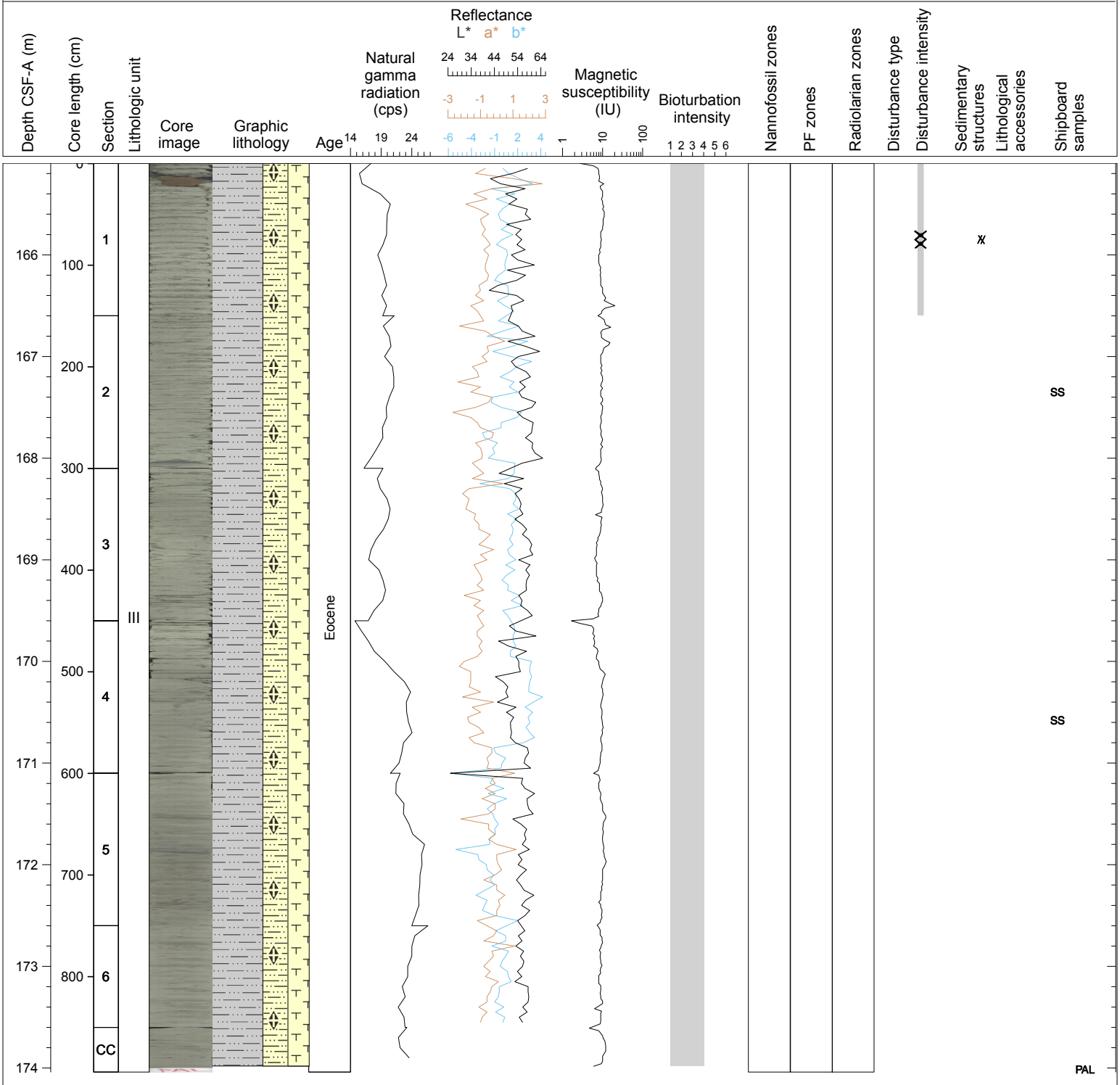
Hole 342-U1408C Core 19H, Interval 156.0-165.19 m (CSF-A)

Core U1408C-19H shows nice bundling of nannofossil clay 10Y 5/1 (greenish gray) and a bright white N 8 nannofossil ooze with foraminifera. The core is moderately burrowed and mottled with dark gray sulfide patches layers as well as green glauconite bands.



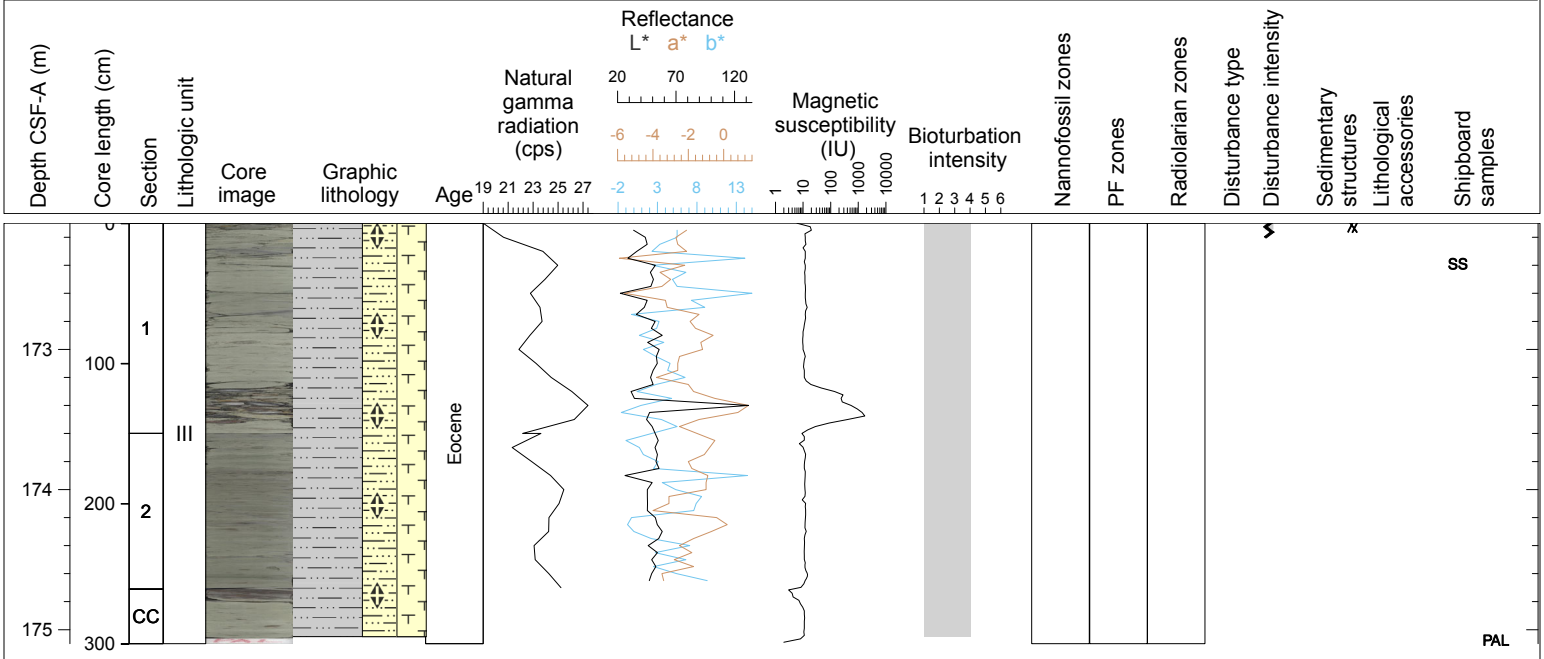
Hole 342-U1408C Core 20X, Interval 165.1-174.04 m (CSF-A)

Core U1408C-20X is a nannofossil claystone with foraminifera and is 5GY 6/1 (greenish gray) in color. The core is moderately burrowed and mottled with dark gray sulfide patches layers as well as green glauconite/chlorite bands bands.



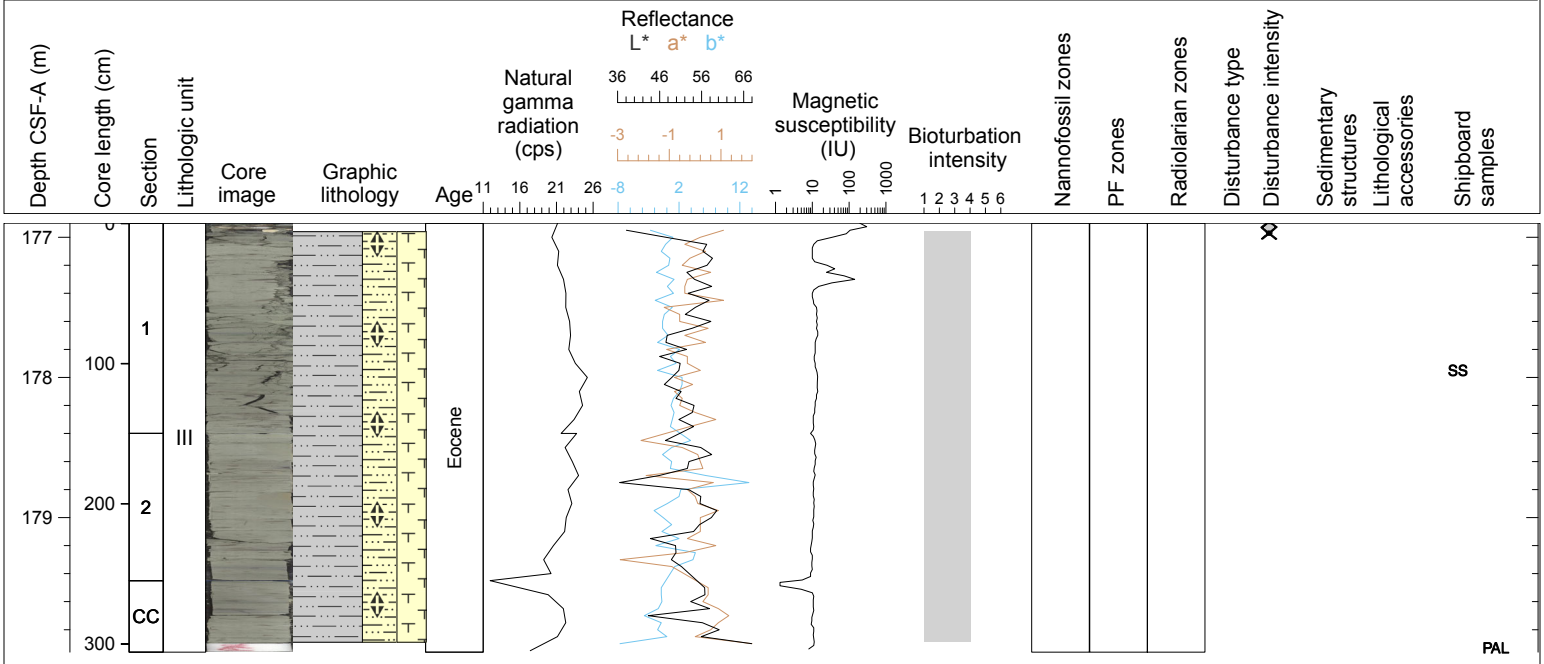
Hole 342-U1408C Core 21X, Interval 172.1-175.1 m (CSF-A)

Core U1408C-21X is a nannofossil claystone with foraminifera and is 5GY 6/1 (greenish gray) in color. The core is moderately burrowed and mottled with dark gray sulfide patches layers as well as green glauconite/chlorite bands bands. Section 1 has copious numbers of dropstones at the bottom of the section and is therefore destroyed from 115cm to the bottom of the Section 1.



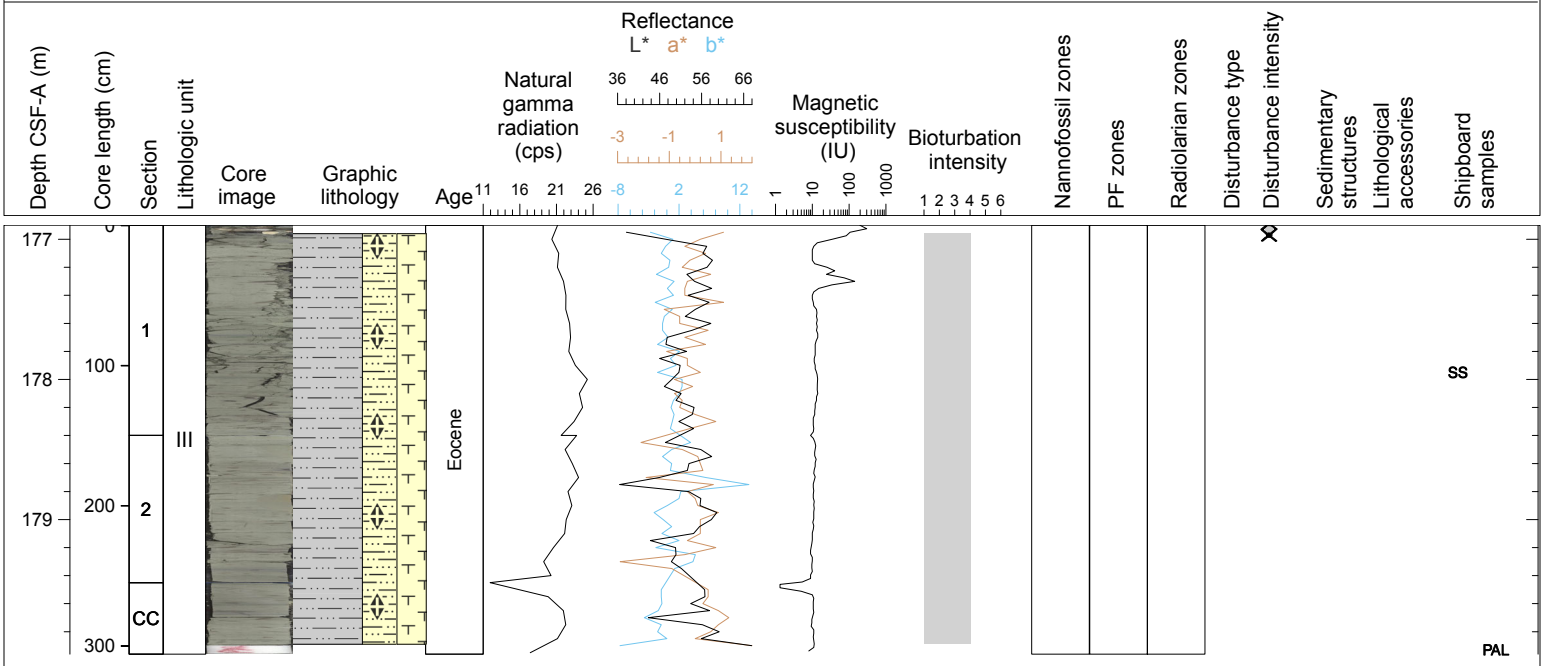
Hole 342-U1408C Core 22X, Interval 176.9-179.96 m (CSF-A)

Core U1408C-22X is a greenish grey (10GY 6/1) nannofossil claystone with foraminifers. There are common zoophycos burrows and green glauconite/chlorite bands bands throughout. There are many dropstones in the top of 5cm of Section 1 fall-in and the core is slightly fractured throughout.



Hole 342-U1408C Core 22X, Interval 176.9-179.96 m (CSF-A)

Core U1408C-22X is a greenish grey (10GY 6/1) nannofossil claystone with foraminifers. There are common zoophycos burrows and green glauconite/chlorite bands bands throughout. There are many dropstones in the top of 5cm of Section 1 fall-in and the core is slightly fractured throughout.



U1408C-23X No recovery

Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Sand texture [%]	Silt texture [%]	Clay texture [%]	Lithic grains abundance (name)	Quartz abundance (name)	Calcite, allogenic abundance (name)	Glass abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Chlorite abundance (name)	Clay minerals abundance (name)	Feldspar abundance (name)	Mica - biotite, musc abundance (name)	Ferromagnesian - ol, pyx, amph abundance (name)	Heavy minerals abundance (name)	Zircon abundance (name)	Opaques abundance (name)	Oxide abundance (name)	Clay minerals, authigenic abundance (name)	Glauconite abundance (name)	Dolomite, authigenic abundance (name)	Sulfides, authigenic abundance (name)	Pyrite, authigenic abundance (name)	Calcite, authigenic abundance (name)	Calcareous nannofossils abundance (name)	Benthic foraminifers abundance (name)	Planktonic foraminifers abundance (name)	Foraminifers abundance (name)	Planktonic foraminifers abundance [%]	Ostracods abundance (name)	Diatoms abundance (name)	Radiolarians abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Pollen and spores abundance (name)	Other microfossils abundance (name)	Echinoderm fragments abundance (name)	Biosiliceous fossil forms abundance (name)	Sponge spicule forms abundance (name)	Fish scales abundance (name)	Fish teeth abundance (name)	Organic matter abundance (name)	Wood fragments abundance (name)	Prefix	Principal lithology	Suffix	Complete lithology name
342-U1408A-1H-1-A 17/17-SED	0.17	0.17						C [A58]					C [A58]	P [A58]		P [A58]								P [A58]			F [A58]		C [A58]	C [A58]											P [A58]			clayey [Leg339]	silt [Leg339]	with foraminifers [Leg339]	clayey silt with foraminifers
342-U1408A-1H-1-A 48/48-SED	0.48	0.48	gray					C [A58]					C [A58]			F [A58]	P [A58]							F [A58]			F [A58]		P [A58]	P [A58]				P [A58]									clayey [Leg339]	silt [Leg339]		clayey silt
342-U1408A-1H-2-A 120/120-SED	2.7	2.7						F [A58]					F [A58]			P [A58]								P [A58]			A [A58]		VA[A58]	VA[A58]													nannofossil [Leg339]	foraminiferal ooze [Leg339]		nannofossil foraminiferal ooze
342-U1408A-1H-CC-A 12/12-SED	4.25	4.25	reddish					C [A58]					VA[A58]	P [A58]										P [A58]			F [A58]		F [A58]	F [A58]											P [A58]			silty [Leg339]	clay [Leg339]		silty clay
342-U1408A-1H-CC-W 25/25-SED	4.38	4.38						C [A58]					A [A58]		P [A58]	F [A58]		P [A58]					P [A58]		F [A58]		C [A58]		A [A58]	A [A58]													clayey [Leg339]	foraminiferal ooze [Leg339]	with quartz	clayey foraminiferal ooze with quartz
342-U1408A-2H-2-A 104/104-SED	6.84	6.84						F [A58]					P [A58]			P [A58]								P [A58]			VA[A58]		A [A58]	A [A58]											P [A58]			foraminiferal [Leg339]	nannofossil ooze [Leg339]		foraminiferal nannofossil ooze
342-U1408A-2H-5-A 100/100-SED	11.3	11.3						C [A58]					VA[A58]																														silty [Leg339]	clay [Leg339]		silty clay
342-U1408A-2H-6-A 55/55-SED28	12.35	12.35	coarse					C [A58]			P [A58]	P [A58]	A [A58]			P [A58]	P [A58]							P [A58]																	P [A58]			F [A58]		clayey [Leg339]	silt [Leg339]		clayey silt
342-U1408A-2H-7-A 6/6-SED	12.87	12.87						C [A58]			F [A58]	P [A58]	VA[A58]			P [A58]								P [A58]			P [A58]																P [A58]			silty [Leg339]	clay [Leg339]		silty clay
342-U1408A-4H-2-A 38/38-SED	25.18	25.18						F [A58]					A [A58]											P [A58]			A [A58]		P [A58]	P [A58]													nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-4H-5-A 38/38-SED	29.68	29.68	yellow					F [A58]				P [A58]	A [A58]		P [A58]									P [A58]			A [A58]		F [A58]	F [A58]													nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-4H-6-A 38/38-SED	31.19	31.19	lithology domain 1 major					F [A58]					A [A58]											P [A58]			A [A58]		P [A58]	P [A58]													nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-5H-3-A 27/27-SED	36.07	36.07	lithology domain 1 major					F [A58]				P [A58]	A [A58]											P [A58]			A [A58]		P [A58]	P [A58]													nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-5H-4-A 34/34-SED	37.64	37.64	white					P [A58]					F [A58]											P [A58]			A [A58]		C [A58]	C [A58]											P [A58]				nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408A-5H-5-A 57/57-SED	39.37	39.37	brownish					F [A58]					C [A58]		F [A58]												A [A58]		C [A58]	C [A58]														nannofossil ooze [Leg339]	with clay, foraminifers	nannofossil ooze with clay, foraminifers
342-U1408A-5H-6-A 81/81-SED	41.11	41.11	greenish					F [A58]					A [A58]									A [A58]		F [A58]			A [A58]		P [A58]	P [A58]													nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-6H-3-A 38/38-SED	45.68	45.68	lithology domain 1 major					F [A58]					A [A58]		P [A58]									P [A58]			VA[A58]		P [A58]	P [A58]													clayey [Leg339]	nannofossil ooze [Leg339]		clayey nannofossil ooze
342-U1408A-6H-4-A 40/40-SED	47.2	47.2	white					P [A58]					F [A58]														VA[A58]		C [A58]	C [A58]														nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408A-6H-7-A 22/22-SED	51.02	51.02	greenish					P [A58]					A [A58]		P [A58]							P [A58]	P [A58]	F [A58]			A [A58]		F [A58]	F [A58]											P [A58]			nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-7H-3-A 91/91-SED	55.71	55.71						P [A58]					A [A58]											F [A58]			A [A58]		P [A58]	P [A58]											P [A58]			nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-7H-4-A 121/121-SED	57.51	57.51	white					P [A58]			P [A58]		F [A58]											P [A58]			VA[A58]		C [A58]	C [A58]														nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408A-7H-6-A 30/30-SED	59.6	59.6	lithology domain 1 major					P [A58]				P [A58]	A [A58]	P [A58]									F [A58]				A [A58]		P [A58]	P [A58]													nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-8H-2-A 20/20-SED	63	63	lithology domain 1 major					F [A58]					A [A58]		P [A58]												A [A58]		P [A58]	P [A58]													nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-8H-3-A 60/60-SED	64.9	64.9	white					P [A58]					F [A58]											P [A58]			VA[A58]		F [A58]	F [A58]					P [A58]						P [A58]				nannofossil ooze [Leg339]		nannofossil ooze
342-U1408A-8H-6-A 77/77-SED	69.57	69.57	brownish					P [A58]					F [A58]											P [A58]			VA[A58]		C [A58]	C [A58]														nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408A-9H-2-A 28/28-SED	72.58	72.58	lithology domain 1 major					F [A58]				P [A58]	A [A58]		P [A58]									P [A58]			A [A58]		F [A58]	F [A58]											P [A58]			nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-9H-4-A 26/26-SED	75.56	75.56	black					F [A58]				P [A58]	A [A58]										P [A58]	P [A58]			A [A58]		F [A58]	F [A58]											P [A58]			nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-9H-5-A 46/46-SED	77.26	77.26	greenish					F [A58]				P [A58]	A [A58]									P [A58]	P [A58]	F [A58]			A [A58]																nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-10H-3-A 80/80-SED	84.1	84.1										P [A58]	C [A58]												F [A58]		VA[A58]		F [A58]	F [A58]														nannofossil ooze [Leg339]	with clay [Leg339]	nannofossil ooze with clay
342-U1408A-10H-4-A 63/63-SED	85.43	85.43										P [A58]	C [A58]												F [A58]		VA[A58]		F [A58]	F [A58]														nannofossil ooze [Leg339]	with clay [Leg339]	nannofossil ooze with clay
342-U1408A-10H-6-A 82/82-SED	88.62	88.62	white										F [A58]												P [A58]		VA[A58]		C [A58]	C [A58]														nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408A-11H-2-W 46/46-SED	91.76	91.76	white										F [A58]												P [A58]		VA[A58]		C [A58]	C [A58]														nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408A-11H-3-W 32/32-SED	93.12	93.12	white									P [A58]	F [A58]		P [A58]												VA[A58]		C [A58]	C [A58]														nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408A-11H-3-W 55/55-SED	93.35	93.35	green									F [A58]	A [A58]	P [A58]								P [A58]			F [A58]		A [A58]																nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-11H-3-W 83/83-SED	93.63	93.63	dark brown										A [A58]		P [A58]										F [A58]		A [A58]		F [A58]	F [A58]														nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-11H-6-W 9/9-SED	97.39	97.39	dark					P [A58]				F [A58]	A [A58]	P [A58]											F [A58]		A [A58]		P [A58]	P [A58]														nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-12H-4-W 45/45-SED	103.16	103.16	black										F [A58]											A [A58]	C [A58]		C [A58]		F [A58]	F [A58]														sulfide rich	clay [Leg339]	with nannofossils [Leg339]	sulfide rich clay with nannofossils
342-U1408A-12H-5-W 62/62-SED	104.83	104.83	white										F [A58]		P [A58]										P [A58]	F [A58]	VA[A58]		A [A58]	A [A58]														foraminiferal [Leg339]	nannofossil ooze [Leg339]		foraminiferal nannofossil ooze
342-U1408A-12H-6-W 43/43-SED	106.14	106.14	dark									P [A58]	A [A58]									P [A58]		F [A58]	F [A58]	P [A58]	A [A58]																nannofossil [Leg339]	clay [Leg339]	with sulfides	nannofossil clay with sulfides
342-U1408A-12H-7-W 31/31-SED	107.52	107.52	dark									P [A58]	A [A58]												F [A58]		A [A58]		P [A58]	P [A58]											P [A58]			nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-12H-CC-W 29/29-SED	108.58	108.58											F [A58]		P [A58]										F [A58]		VA[A58]	C [A58]	C [A58]	C [A58]														nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408A-13H-1-W 57/57-SED	109.37	109.37	white										P [A58]		P [A58]										F [A58]		VA[A58]	C [A58]	C [A58]	C [A58]														foraminiferal [Leg339]	nannofossil ooze [Leg339]		foraminiferal nannofossil ooze
342-U1408A-13H-4-W 41/41-SED	113.71	113.71	brown patch									P [A58]	A [A58]		P [A58]										P [A58]		A [A58]		F [A58]	F [A58]											P [A58]			nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-13H-6-W 88/88-SED	117.18	117.18	whitish										A [A58]												P [A58]		VA[A58]		F [A58]	F [A58]														clayey [Leg339]	nannofossil ooze [Leg339]		clayey nannofossil ooze
342-U1408A-13H-7-W 25/25-SED	118.05	118.05						P [A58]			P [A58]		A [A58]		P [A58]										P [A58]		A [A58]	F [A58]	F [A58]	F [A58]														nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-13H-CC-W 41/41-SED	118.87	118.87									P [A58]		F [A58]		P [A58]										P [A58]		VA[A58]	P [A58]	P [A58]	P [A58]															nannofossil ooze [Leg339]		nannofossil ooze
342-U1408A-14H-3-W 60/60-SED	121.9	121.9	dark								F [A58]		A [A58]									P [A58]			P [A58]		A [A58]	P [A58]	P [A58]	P [A58]												F [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-14H-5-W 58/58-SED	124.88	124.88	white								F [A58]		F [A58]		P [A58]										P [A58]		VA[A58]	F [A58]	C [A58]	C [A58]														nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408A-14H-6-W 54/54-SED	126.34	126.34									P [A58]															VA[A58]	P [A58]		P [A58]	P [A58]														carbonaceous sediment [N09]		carbonaceous sediment
342-U1408A-14H-CC-W 38/38-SED	128.22	128.22									F [A58]		C [A58]		P [A58]										P [A58]		VA[A58]	P [A58]	P [A58]	P [A58]												F [A58]		nannofossil ooze [Leg339]	with clay [Leg339]	nannofossil ooze with clay
342-U1408A-15H-1-W 57/57-SED	128.37	128.37	whitish								F [A58]		A [A58]		P [A58]										P [A58]		A [A58]	F [A58]	F [A58]	F [A58]												P [A58]		clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers [Leg339]	clayey nannofossil ooze with foraminifers
342-U1408A-15H-3-W 75/75-SED	131.55	131.55									F [A58]		A [A58]												F [A58]		A [A58]		F [A58]	F [A58]												F [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-15H-6-W 100/100-SED	136.3	136.3	dark								F [A58]		A [A58]		P [A58]										P [A58]		A [A58]	F [A58]	F [A58]	F [A58]												F [A58]		nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1408A-15H-CC-W 27/27-SED	137.64	137.64									F [A58]		C [A58]		F [A58]												VA[A58]		P [A58]	P [A58]														nannofossil ooze [Leg339]	with clay [Leg339]	nannofossil ooze with clay
342-U1408A-16H-2-W 51/51-SED	138.02	138.02											A [A58]														A [A58]		C [A58]	C [A58]													clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers [Leg339]	clayey nannofossil ooze with foraminifers
342-U1408A-16H-4-W 122/122-SED	141.72	141.72									P [A58]		A [A58]		P [A58]										P [A58]		A [A58]	P [A58]	F [A58]	F [A58]				P [A58]					F [A58]		F [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408A-16H-6-W 74/74-SED	144.24	144.24	white										F [A58]														VA[A58]	F [A58]	C [A58]	C [A58]		P [A58]	F [A58]					F [A58]							nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408A-16H-7-W 144/144-SED	146.44	146.44									F [A58]		A [A58]												F [A58]		A [A58]	P [A58]	F [A58]	F [A58]		P [A58]	P [A58]	C [A58]				F [A58]						clayey [Leg339]	nannofossil ooze [Leg339]	with radiolarians [Leg339]	clayey nannofossil ooze with radiolarians

Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Sand texture [%]	Silt texture [%]	Clay texture [%]	Lithic grains abundance (name)	Quartz abundance (name)	Calcite, allogenic abundance (name)	Glass abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Chlorite abundance (name)	Clay minerals abundance (name)	Feldspar abundance (name)	Mica - biotite, musc abundance (name)	Ferromagnesian - ol, pyx, amph abundance (name)	Heavy minerals abundance (name)	Zircon abundance (name)	Opaques abundance (name)	Oxide abundance (name)	Clay minerals, authigenic abundance (name)	Glauconite abundance (name)	Dolomite, authigenic abundance (name)	Sulfides, authigenic abundance (name)	Pyrite, authigenic abundance (name)	Calcite, authigenic abundance (name)	Calcareous nannofossils abundance (name)	Benthic foraminifers abundance (name)	Planktonic foraminifers abundance (name)	Foraminifers abundance (name)	Planktonic foraminifers abundance [%]	Ostracods abundance (name)	Diatoms abundance (name)	Radiolarians abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Pollen and spores abundance (name)	Other microfossils abundance (name)	Echinoderm fragments abundance (name)	Biosiliceous fossil fragments abundance (name)	Sponge spicule fragments abundance (name)	Fish scales abundance (name)	Fish teeth abundance (name)	Organic matter abundance (name)	Wood fragments abundance (name)	Prefix	Principal lithology	Suffix	Complete lithology name
342-U1408A-16H-7-W 23/23-SED	145.23	145.23	green										A [A58]		P [A58]										P [A58]		A [A58]		C [A58]	C [A58]			P [A58]	C [A58]									clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers and radiolarians	clayey nannofossil ooze with foraminifers and
342-U1408A-17H-3-W 76/76-SED	150.56	150.56	white										F [A58]												P [A58]		VA[A58]		C [A58]	C [A58]			P [A58]	F [A58]							F [A58]			nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408A-17H-4-W 75/75-SED	152.05	152.05	green								P [A58]		A [A58]		P [A58]										P [A58]		A [A58]		C [A58]	C [A58]				C [A58]					F [A58]				clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers and radiolarians	clayey nannofossil ooze with foraminifers and
342-U1408A-17H-6-W 27/27-SED	154.57	154.57											A [A58]														A [A58]	F [A58]	F [A58]	F [A58]				F [A58]					F [A58]				nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1408A-17H-7-W 75/75-SED	156.06	156.06									F [A58]		F [A58]		P [A58]										F [A58]		VA[A58]		F [A58]	F [A58]														nannofossil ooze [Leg339]		nannofossil ooze
342-U1408A-18H-2-W 39/39-SED	157.9	157.9									F [A58]		A [A58]		P [A58]												A [A58]	F [A58]	C [A58]	C [A58]											F [A58]			nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1408A-18H-4-W 33/33-SED	159.8	159.8	whitish								P [A58]		A [A58]	P [A58]											P [A58]		A [A58]		C [A58]	C [A58]														clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers [Leg339]	clayey nannofossil ooze with foraminifers
342-U1408A-18H-5-W 123/123-SED	162.14	162.14	dark								F [A58]		C [A58]		P [A58]		P [A58]								P [A58]		A [A58]		A [A58]	A [A58]												F [A58]		foraminiferal [Leg339]	foraminiferal nannofossil ooze [Leg339]	with clay [Leg339]	foraminiferal nannofossil ooze with clay
342-U1408A-18H-CC-W 71/71-SED	165.85	165.85									F [A58]		F [A58]		F [A58]										P [A58]		A [A58]		C [A58]	C [A58]															nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408A-19H-CC-W 17/17-SED	175.44	175.44									F [A58]		F [A58]		F [A58]										P [A58]		A [A58]		C [A58]	C [A58]															nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers [Leg339]
342-U1408A-20H-2-A 75/75-SED	177.55	177.55	brownish					P [A58]			F [A58]		A [A58]											P [A58]			A [A58]		C [A58]	C [A58]													P [A58]		clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers [Leg339]	clayey nannofossil ooze with foraminifers
342-U1408A-20H-3-A 31/31-SED	178.61	178.61						P [A58]			F [A58]		A [A58]		P [A58]									P [A58]			A [A58]		C [A58]	C [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1408A-20H-4-A 36/36-SED	180.16	180.16						P [A58]			F [A58]	P [A58]	A [A58]	P [A58]										P [A58]			A [A58]		C [A58]	C [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1408A-21X-3-A 75/75-SED	186.65	186.65	black					F [A58]			F [A58]		A [A58]	P [A58]		P [A58]								P [A58]			A [A58]		C [A58]	C [A58]															nannofossil [Leg339]	claystone [Leg339]	with foraminifers [Leg339]	nannofossil claystone with foraminifers
342-U1408A-21X-4-A 40/40-SED	187.8	187.8						P [A58]			F [A58]	P [A58]	A [A58]											P [A58]			A [A58]		C [A58]	C [A58]															nannofossil [Leg339]	claystone [Leg339]	with foraminifers [Leg339]	nannofossil claystone with foraminifers
342-U1408A-21X-6-W 91/91-SED	191.31	191.31	green					P [A58]			F [A58]	P [A58]	A [A58]									P [A58]		P [A58]			A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	claystone [Leg339]		nannofossil claystone
342-U1408A-21X-CC-W 38/38-SED	192.75	192.75									F [A58]		A [A58]		P [A58]										P [A58]		A [A58]	F [A58]	F [A58]	F [A58]													P [A58]		clayey [Leg339]	nannofossil chalk [Leg339]		clayey nannofossil chalk
342-U1408A-22X-1-A 94/94-SED	189.94	189.94	black					P [A58]			P [A58]	P [A58]	A [A58]											P [A58]			A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	claystone [Leg339]		nannofossil claystone
342-U1408A-22X-4-A 65/65-SED	193.95	193.95						P [A58]			F [A58]		A [A58]											P [A58]			A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	claystone [Leg339]		nannofossil claystone
342-U1408A-22X-5-A 94/94-SED	195.74	195.74						F [A58]			P [A58]	P [A58]	A [A58]											P [A58]			A [A58]		C [A58]	C [A58]															clayey [Leg339]	nannofossil chalk [Leg339]	with foraminifers [Leg339]	clayey nannofossil chalk with foraminifers
342-U1408A-23X-1-A 99/99-SED	199.49	199.49						P [A58]					VA[A58]	P [A58]										P [A58]			A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	claystone [Leg339]		nannofossil claystone
342-U1408A-23X-2-A 60/60-SED	200.6	200.6						P [A58]			F [A58]		A [A58]											P [A58]			A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	claystone [Leg339]		nannofossil claystone
342-U1408A-23X-6-A 20/20-SED	206.2	206.2						P [A58]			F [A58]		A [A58]											P [A58]			A [A58]		C [A58]	C [A58]				P [A58]											nannofossil [Leg339]	claystone [Leg339]	with foraminifers [Leg339]	nannofossil claystone with foraminifers
342-U1408A-24X-2-A 50/50-SED	210.1	210.1	litghter					P [A58]			F [A58]		F [A58]														VA[A58]		C [A58]	C [A58]															nannofossil chalk [Leg339]	with foraminifers [Leg339]	nannofossil chalk with foraminifers
342-U1408A-23X-6-A 20/20-SED	206.2	206.2						P [A58]			F [A58]		A [A58]											P [A58]			A [A58]		C [A58]	C [A58]				P [A58]											nannofossil [Leg339]	claystone [Leg339]	with foraminifers [Leg339]	nannofossil claystone with foraminifers
342-U1408A-24X-2-A 50/50-SED	210.1	210.1	litghter					P [A58]			F [A58]		F [A58]														VA[A58]		C [A58]	C [A58]															nannofossil chalk [Leg339]	with foraminifers [Leg339]	nannofossil chalk with foraminifers
342-U1408A-24X-3-A 31/31-SED	211.41	211.41	zoophycos					F [A58]			F [A58]	P [A58]	A [A58]	P [A58]										P [A58]			A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	claystone [Leg339]		nannofossil claystone
342-U1408A-24X-4-A 54/54-SED	213.14	213.14	lithology domain 1 major					P [A58]			F [A58]		A [A58]		P [A58]												A [A58]		C [A58]	C [A58]															clayey [Leg339]	nannofossil chalk [Leg339]	with foraminifers [Leg339]	clayey nannofossil chalk with foraminifers
342-U1408A-25X-1-A 39/39-SED	218.09	218.09	white					F [A58]			F [A58]	P [A58]	A [A58]											P [A58]			A [A58]		F [A58]	F [A58]													P [A58]		nannofossil [Leg339]	claystone [Leg339]		nannofossil claystone
342-U1408A-25X-4-A 40/40-SED	222.6	222.6						P [A58]			F [A58]	P [A58]	A [A58]											P [A58]			A [A58]		F [A58]	F [A58]													P [A58]		nannofossil [Leg339]	claystone [Leg339]		nannofossil claystone
342-U1408A-25X-5-A 132/132-SED	225.02	225.02	brownish					P [A58]			P [A58]		P [A58]	P [A58]													VA[A58]		F [A58]	F [A58]															nannofossil chalk [Leg339]		nannofossil chalk
342-U1408A-26X-2-A 65/65-SED	228.64	228.64						P [A58]			P [A58]	P [A58]	F [A58]									P [A58]	P [A58]	P [A58]			VA[A58]		P [A58]	P [A58]															nannofossil chalk [Leg339]		nannofossil chalk
342-U1408A-26X-3-A 10/10-SED	229.59	229.59						A [A58]					VA[A58]														F [A58]		F [A58]	F [A58]															claystone [Leg339]		claystone
342-U1408A-26X-3-A 108/108-SED	230.57	230.57						P [A58]			F [A58]		P [A58]														VA[A58]		P [A58]	P [A58]															nannofossil chalk [Leg339]		nannofossil chalk
342-U1408A-26X-3-A 35/35-SED	229.84	229.84	white					P [A58]			P [A58]		C [A58]				P [A58]					P [A58]		P [A58]			VA[A58]		F [A58]	F [A58]															nannofossil chalk [Leg339]	with clay [Leg339]	nannofossil chalk with clay
342-U1408A-27X-1-W 81/81-SED	237.71	237.71	whitish					P [A58]					F [A58]													F [A58]	VA[A58]		P [A58]	P [A58]			P [A58]	C [A58]					P [A58]					nannofossil chalk [Leg339]	with radiolarians [Leg339]	nannofossil chalk with radiolarians
342-U1408A-27X-3-W 46/46-SED	240.36	240.36	pink										F [A58]													F [A58]	VA[A58]					P [A58]	C [A58]					P [A58]					nannofossil chalk [Leg339]	with radiolarians [Leg339]	nannofossil chalk with radiolarians
342-U1408A-27X-4-W 61/61-SED	242.01	242.01	pink and black mottling										F [A58]													P [A58]	A [A58]		F [A58]	F [A58]			C [A58]	C [A58]	P [A58]				P [A58]			F [A58]		nannofossil chalk [Leg339]	with radiolarians and diatoms	nannofossil chalk with radiolarians and diatoms
342-U1408A-27X-5-W 49/49-SED	243.39	243.39	brown										P [A58]							P [A58]						F [A58]	A [A58]		C [A58]	C [A58]			P [A58]	C [A58]					F [A58]					nannofossil chalk [Leg339]	with radiolarians and foraminifers	nannofossil chalk with radiolarians and foraminifers

Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Sand texture [%]	Silt texture [%]	Clay texture [%]	Lithic grains abundance (name)	Quartz abundance (name)	Calcite, allogenic abundance (name)	Glass abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Chlorite abundance (name)	Clay minerals abundance (name)	Feldspar abundance (name)	Mica - biotite, musc abundance (name)	Ferromagnesian - ol, pyx, amph abundance (name)	Heavy minerals abundance (name)	Zircon abundance (name)	Opaques abundance (name)	Oxide abundance (name)	Clay minerals, authigenic abundance (name)	Glauconite abundance (name)	Dolomite, authigenic abundance (name)	Sulfides, authigenic abundance (name)	Pyrite, authigenic abundance (name)	Calcite, authigenic abundance (name)	Calcareous nannofossils abundance (name)	Benthic foraminifers abundance (name)	Planktonic foraminifers abundance (name)	Foraminifers abundance (name)	Planktonic foraminifers abundance [%]	Ostracods abundance (name)	Diatoms abundance (name)	Radiolarians abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Pollen and spores abundance (name)	Other microfossils abundance (name)	Echinoderm fragments abundance (name)	Biosiliceous fossil fragments abundance (name)	Sponge spicule abundance (name)	Fish scales abundance (name)	Fish teeth abundance (name)	Organic matter abundance (name)	Wood fragments abundance (name)	Prefix	Principal lithology	Suffix	Complete lithology name
342-U1408B-1H-1-W 111/111-SED	1.11	1.11						C [A58]	F [A58]				C [A58]		P [A58]	F [A58]	P [A58]					P [A58]	P [A58]		P [A58]		C [A58]	P [A58]	P [A58]	A [A58]	A [A58]			P [A58]	P [A58]						P [A58]			F [A58]		foraminiferal [Leg339]	sandy silt [Leg339]	with quartz	foraminiferal sandy silt with quartz
342-U1408B-1H-2-W 89/89-SED	2.39	2.39						F [A58]				P [A58]	VA[A58]		P [A58]	P [A58]	P [A58]						P [A58]		P [A58]		P [A58]	P [A58]	P [A58]	P [A58]	P [A58]												F [A58]			clay [Leg339]		clay
342-U1408B-1H-3-W 119/119-SED	4.19	4.19	whitish					F [A58]					F [A58]			P [A58]									P [A58]		VA[A58]	C [A58]	A [A58]	A [A58]												F [A58]			foraminiferal [Leg339]	nannofossil ooze [Leg339]		foraminiferal nannofossil ooze
342-U1408B-1H-4-W 43/43-SED	4.93	4.93	dark					C [A58]	C [A58]				A [A58]		P [A58]	F [A58]										F [A58]		P [A58]	C [A58]	C [A58]												F [A58]			silty [Leg339]	clay [Leg339]	with foraminifers [Leg339]	silty clay with foraminifers
342-U1408B-2H-1-W 116/116-SED	7.86	7.86	red				P [A58]	F [A58]					VA[A58]		P [A58]	F [A58]	P [A58]								P [A58]		C [A58]	F [A58]	C [A58]	C [A58]										P [A58]			P [A58]		clay [Leg339]	with foraminifers and nannofossils	clay with foraminifers and nannofossils
342-U1408B-2H-2-W 72/72-SED	8.92	8.92	asndy					C [A58]					A [A58]			F [A58]		P [A58]		P [A58]		P [A58]			P [A58]		C [A58]	F [A58]	A [A58]	A [A58]															foraminiferal [Leg339]	silty clay	with nannofossils [Leg339]	foraminiferal silty clay with nannofossils
342-U1408B-2H-4-W 88/88-SED	12.08	12.08	yellowish brown with black dots					F [A58]			P [A58]	P [A58]	VA[A58]			P [A58]	P [A58]			F [A58]					P [A58]		P [A58]		F [A58]	F [A58]													F [A58]			silty [Leg339]	clay [Leg339]		silty clay
342-U1408B-2H-5-W 90/90-SED	13.6	13.6	rusty					C [A58]			P [A58]		VA[A58]				P [A58]			C [A58]					F [A58]																			silty [Leg339]	clay [Leg339]	with oxide	silty clay with oxide
342-U1408B-2H-6-W 70/70-SED	14.9	14.9	yellowish					F [A58]			F [A58]	P [A58]	VA[A58]				P [A58]			F [A58]				F [A58]																				clay [Leg339]		clay
342-U1408B-3H-2-W 86/86-SED	18.56	18.56	rusty					C [A58]			P [A58]	P [A58]	VA[A58]		P [A58]	P [A58]	P [A58]			F [A58]					P [A58]		A [A58]		P [A58]	P [A58]															nannofossil [Leg339]	clay [Leg339]	with quartz	nannofossil clay with quartz
342-U1408B-3H-5-W 68/68-SED	22.9	22.9	dark					F [A58]				F [A58]	A [A58]				P [A58]								P [A58]		A [A58]		P [A58]	P [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408B-3H-6-W 96/96-SED	24.68	24.68	shining white					VA[A58]								P [A58]																													quartz		quartz
342-U1408B-3H-7-W 55/55-SED	25.78	25.78	green					P [A58]				F [A58]	VA[A58]		P [A58]							P [A58]			P [A58]		A [A58]	P [A58]	P [A58]	P [A58]													F [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408B-5H-2-W 106/106-SED	31.26	31.26	dark					P [A58]				F [A58]	A [A58]		P [A58]										P [A58]		A [A58]		F [A58]	F [A58]															clayey [Leg339]	nannofossil ooze [Leg339]		clayey nannofossil ooze
342-U1408B-5H-3-W 127/127-SED	32.97	32.97	yellowish					P [A58]				F [A58]	A [A58]							C [A58]					P [A58]		A [A58]		P [A58]	P [A58]															nannofossil [Leg339]	clay [Leg339]	with oxide	nannofossil clay with oxide
342-U1408B-5H-6-W 102/102-SED	37.22	37.22	white												P [A58]											P [A58]	VA[A58]		C [A58]	C [A58]																nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408B-6H-2-W 113/113-SED	40.83	40.83	white										F [A58]												P [A58]	P [A58]	VA[A58]		C [A58]	C [A58]																nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408B-6H-6-W 97/97-SED	46.67	46.67	dark										A [A58]		P [A58]									F [A58]			VA[A58]	P [A58]	F [A58]	F [A58]															clayey [Leg339]	nannofossil ooze [Leg339]		clayey nannofossil ooze
342-U1408B-6H-7-W 34/34-SED	47.54	47.54	green band										A [A58]									A [A58]		C [A58]			C [A58]		P [A58]	P [A58]															glauconitic	silt [Leg339]	with sulfides	glauconitic silt with sulfides
342-U1408B-7H-3-W 46/46-SED	51.16	51.16	ahite										P [A58]														VA[A58]	F [A58]	C [A58]	C [A58]																nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408B-7H-4-W 141/141-SED	53.61	53.61	black					P [A58]					A [A58]		P [A58]									VA[A58]			C [A58]		P [A58]	P [A58]															sulfide rich	clay [Leg339]	with nannofossils [Leg339]	sulfide rich clay with nannofossils
342-U1408B-7H-6-W 18/18-SED	55.38	55.38	dark									P [A58]	A [A58]		P [A58]										P [A58]		A [A58]		F [A58]	F [A58]			P [A58]										P [A58]		clayey [Leg339]	nannofossil ooze [Leg339]		clayey nannofossil ooze
342-U1408B-8H-3-W 65/65-SED	60.85	60.85						P [A58]					A [A58]												P [A58]		A [A58]	P [A58]	F [A58]	F [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408B-8H-4-W 130/130-SED	63	63						P [A58]				P [A58]	A [A58]												P [A58]	F [A58]	VA[A58]																	clayey [Leg339]	nannofossil ooze [Leg339]		clayey nannofossil ooze
342-U1408B-8H-4-W 88/88-SED	62.58	62.58	white																						P [A58]		VA[A58]		C [A58]	C [A58]																nannofossil chalk [Leg339]	with foraminifers [Leg339]	nannofossil chalk with foraminifers
342-U1408B-9H-2-W 63/63-SED	67.53	67.53											A [A58]												P [A58]		A [A58]	P [A58]	P [A58]	P [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408B-9H-5-W 22/22-SED	70.71	70.71											F [A58]													F [A58]	VA[A58]		F [A58]	F [A58]																nannofossil ooze [Leg339]			nannofossil ooze
342-U1408B-11H-2-A 137/137-SED	84.07	84.07						P [A58]					A [A58]											F [A58]			A [A58]		C [A58]	C [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1408B-11H-4-A 75/75-SED	86.45	86.45						P [A58]	F [A58]				C [A58]											P [A58]			VA[A58]		C [A58]	C [A58]																nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408B-12H-5-A 5/5-SED	96.75	96.75						P [A58]					A [A58]	P [A58]										P [A58]			VA[A58]		F [A58]	F [A58]															clayey [Leg339]	nannofossil ooze [Leg339]		clayey nannofossil ooze
342-U1408B-12H-5-A 50/50-SED	97.2	97.2						P [A58]					A [A58]											P [A58]			VA[A58]		F [A58]	F [A58]															clayey [Leg339]	nannofossil ooze [Leg339]		clayey nannofossil ooze
342-U1408B-13H-1-A 141/141-SED	101.61	101.61						P [A58]					C [A58]											P [A58]			VA[A58]		C [A58]	C [A58]																nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408B-13H-1-A 45/45-SED	100.65	100.65						P [A58]	P [A58]				F [A58]											P [A58]			VA[A58]		C [A58]	C [A58]																nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408B-13H-5-A 55/55-SED	106.54	106.54						P [A58]	F [A58]				A [A58]	P [A58]										P [A58]			VA[A58]		F [A58]	F [A58]															clayey [Leg339]	nannofossil ooze [Leg339]		clayey nannofossil ooze
342-U1408B-14H-2-A 10/10-SED	111.3	111.3						P [A58]					VA[A58]											P [A58]			A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408B-14H-4-A 61/61-SED	114.81	114.81						P [A58]					F [A58]											P [A58]			VA[A58]		C [A58]	C [A58]																nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408B-15H-1-A 106/106-SED	120.26	120.26						F [A58]					VA[A58]											P [A58]			A [A58]		P [A58]	P [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408B-15H-3-A 51/51-SED	122.71	122.71						P [A58]					VA[A58]											P [A58]			A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408B-15H-6-A 63/63-SED	127.33	127.33						P [A58]					C [A58]											P [A58]			VA[A58]		A [A58]	A [A58]															foraminiferal [Leg339]	nannofossil ooze [Leg339]	with clay [Leg339]	foraminiferal nannofossil ooze with clay
342-U1408B-16H-1-A 50/50-SED	129.2	129.2						P [A58]					VA[A58]				P [A58]			P [A58]					P [A58]		A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408B-16H-4-A 90/90-SED	134.11	134.11						P [A58]					F [A58]		P [A58]										P [A58]		VA[A58]		A [A58]	A [A58]																nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408B-17H-2-A 68/68-SED	137.78	137.78						P [A58]					VA[A58]		P [A58]					P [A58]					P [A58]		A [A58]		C [A58]	C [A58]															nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1408B-17H-6-A 50/50-SED	143.28	143.28						P [A58]					VA[A58]				P [A58]			P [A58]							A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408B-18H-4-A 57/57-SED	150.07	150.07						P [A58]					F [A58]														VA[A58]		C [A58]	C [A58]															nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1408B-18H-6-A 75/75-SED	153.25	153.25						P [A58]					VA[A58]											P [A58]			A [A58]		P [A58]	P [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408B-19X-3-A 75/75-SED	158.25	158.25						P [A58]					VA[A58]											P [A58]			A [A58]		F [A58]	F [A58]				F [A58]									P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408B-20X-1-W 101/101-SED	162.51	162.51									F [A58]		F [A58]														VA[A58]	F [A58]	C [A58]	C [A58]																nannofossil chalk [Leg339]	with foraminifers [Leg339]	nannofossil chalk with foraminifers
342-U1408B-20X-1-W 50/50-SED	162	162									F [A58]		F [A58]		P [A58]										P [A58]	P [A58]	VA[A58]		C [A58]	C [A58]																nannofossil chalk [Leg339]	with foraminifers [Leg339]	nannofossil chalk with foraminifers
342-U1408B-20X-2-W 82/82-SED	163.82	163.82	green								F [A58]		A [A58]									A [A58]			F [A58]		C [A58]	P [A58]	F [A58]	F [A58]															glauconitic	silt [Leg339]	with nannofossils [Leg339]	glauconitic silt with nannofossils
342-U1408B-20X-5-W 73/73-SED	168.23	168.23									F [A58]		A [A58]												P [A58]		VA[A58]		C [A58]	C [A58]													P [A58]		clayey [Leg339]	nannofossil chalk [Leg339]	with foraminifers [Leg339]	clayey nannofossil chalk with foraminifers
342-U1408B-21X-2-W 85/85-SED	173.45	173.45									P [A58]		A [A58]												F [A58]		A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408B-21X-3-W 29/29-SED	174.39	174.39									F [A58]		A [A58]												F [A58]	P [A58]	VA[A58]	F [A58]	C [A58]	C [A58]															clayey [Leg339]	nannofossil chalk [Leg339]	with foraminifers [Leg339]	clayey nannofossil chalk with foraminifers
342-U1408B-22X-2-W 85/85-SED	181.45	181.45									F [A58]		A [A58]												P [A58]		A [A58]																P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408B-22X-6-W 125/125-SED	187.85	187.85									F [A58]		A [A58]		P [A58]										P [A58]		A [A58]		C [A58]	C [A58]															nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1408B-23X-2-W 138/138-SED	189.98	189.98									F [A58]		C [A58]		P [A58]										F [A58]		VA[A58]	P [A58]	C [A58]	C [A58]													P [A58]			nannofossil chalk [Leg339]	with clay and foraminifers	nannofossil chalk with clay and foraminifers
342-U1408B-23X-5-W 101/101-SED	194.11	194.11	greenish								F [A58]		A [A58]		P [A58]										P [A58]		A [A58]		C [A58]	C [A58]															clayey [Leg339]	nannofossil chalk [Leg339]	with foraminifers [Leg339]	clayey nannofossil chalk with foraminifers

Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Sand texture [%]	Silt texture [%]	Clay texture [%]	Lithic grains abundance (name)	Quartz abundance (name)	Calcite, allogenic abundance (name)	Glass abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Chlorite abundance (name)	Clay minerals abundance (name)	Feldspar abundance (name)	Mica - biotite, musc abundance (name)	Ferromagnesian - ol, pyx, amph abundance (name)	Heavy minerals abundance (name)	Zircon abundance (name)	Opaques abundance (name)	Oxide abundance (name)	Clay minerals, authigenic abundance (name)	Glauconite abundance (name)	Dolomite, authigenic abundance (name)	Sulfides, authigenic abundance (name)	Pyrite, authigenic abundance (name)	Calcite, authigenic abundance (name)	Calcareous nannofossils abundance (name)	Benthic foraminifers abundance (name)	Planktonic foraminifers abundance (name)	Foraminifers abundance (name)	Planktonic foraminifers abundance [%]	Ostracods abundance (name)	Diatoms abundance (name)	Radiolarians abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Pollen and spores abundance (name)	Other microfossils abundance (name)	Echinoderm fragments abundance (name)	Biosiliceous fossil forms abundance (name)	Sponge spicule forms abundance (name)	Fish scales abundance (name)	Fish teeth abundance (name)	Organic matter abundance (name)	Wood fragments abundance (name)	Prefix	Principal lithology	Suffix	Complete lithology name
342-U1408B-24X-2-W 105/105-SED	195.15	195.15									P [A58]	F [A58]	A [A58]		P [A58]										P [A58]		VA[A58]		C [A58]	C [A58]													P [A58]		clayey [Leg339]	nannofossil chalk [Leg339]	with foraminifers [Leg339]	clayey nannofossil chalk with foraminifers
342-U1408B-24X-4-W 116/116-SED	198.26	198.26						P [A58]				F [A58]	A [A58]												P [A58]		A [A58]		F [A58]	F [A58]														clayey [Leg339]	nannofossil chalk [Leg339]		clayey nannofossil chalk
342-U1408B-25X-1-W 107/107-SED	203.27	203.27									F [A58]		A [A58]											P [A58]			A [A58]		F [A58]	F [A58]														clayey [Leg339]	nannofossil chalk [Leg339]		clayey nannofossil chalk
342-U1408B-25X-5-W 131/131-SED	209.51	209.51									F [A58]		A [A58]												P [A58]		VA[A58]		C [A58]	C [A58]														clayey [Leg339]	nannofossil chalk [Leg339]	with foraminifers [Leg339]	clayey nannofossil chalk with foraminifers
342-U1408B-26X-2-W 27/27-SED	213.17	213.17									P [A58]		A [A58]													F [A58]	VA[A58]	F [A58]	C [A58]	C [A58]															calcareous [Leg339]	nannofossil chalk [Leg339]	with foraminifers [Leg339]	calcareous nannofossil chalk with foraminifers

Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Sand texture [%]	Silt texture [%]	Clay texture [%]	Lithic grains abundance (name)	Quartz abundance (name)	Calcite, allogenic abundance (name)	Glass abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Chlorite abundance (name)	Clay minerals abundance (name)	Feldspar abundance (name)	Mica - biotite, musc abundance (name)	Ferromagnesian - ol, pyx, amph abundance (name)	Heavy minerals abundance (name)	Zircon abundance (name)	Opaques abundance (name)	Oxide abundance (name)	Clay minerals, authigenic abundance (name)	Glauconite abundance (name)	Dolomite, authigenic abundance (name)	Sulfides, authigenic abundance (name)	Pyrite, authigenic abundance (name)	Calcite, authigenic abundance (name)	Calcareous nannofossils abundance (name)	Benthic foraminifers abundance (name)	Planktonic foraminifers abundance (name)	Foraminifers abundance (name)	Planktonic foraminifers abundance [%]	Ostracods abundance (name)	Diatoms abundance (name)	Radiolarians abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Pollen and spores abundance (name)	Other microfossils abundance (name)	Echinoderm fragments abundance (name)	Biosiliceous fossil fragments abundance (name)	Sponge spicule fragments abundance (name)	Fish scales abundance (name)	Fish teeth abundance (name)	Organic matter abundance (name)	Wood fragments abundance (name)	Prefix	Principal lithology	Suffix	Complete lithology name
342-U1408C	0.75	0.75	white					P [A58]					A [A58]														VA[A58]		A [A58]	A [A58]													clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers [Leg339]	clayey nannofossil ooze with foraminifers
342-U1408C	0.8	0.8						P [A58]					VA[A58]											P [A58]			A [A58]		P [A58]	P [A58]													NANNOfossil [Leg339]	CLAY [Leg339]		NANNOfossil CLAY
342-U1408C-1H-1-W 117/117-SED	1.17	1.17	dark gray				P [A58]	C [A58]	C [A58]				A [A58]		P [A58]	F [A58]						P [A58]			F [A58]	P [A58]	P [A58]	F [A58]	A [A58]	A [A58]			P [A58]						P [A58]			F [A58]	foraminiferal [Leg339]	silty clay		foraminiferal silty clay
342-U1408C-1H-3-W 41/41-SED	3.41	3.41	red					F [A58]	F [A58]		P [A58]	P [A58]	VA[A58]							F [A58]					P [A58]		P [A58]															C [A58]		clay [Leg339]	with organic matter	clay with organic matter
342-U1408C-1H-4-W 99/99-SED	5.49	5.49	whitish, sandy					C [A58]				P [A58]	F [A58]			F [A58]				P [A58]					P [A58]		VA[A58]	F [A58]	A [A58]	A [A58]												F [A58]	foraminiferal [Leg339]	nannofossil chalk [Leg339]	with silt [Leg339]	foraminiferal nannofossil chalk with silt
342-U1408C-1H-6-W 81/81-SED	8.31	8.31	red, sandy					C [A58]					A [A58]	P [A58]		F [A58]				F [A58]		P [A58]			P [A58]		C [A58]	F [A58]	A [A58]	A [A58]												C [A58]	foraminiferal [Leg339]	silty clay	with nannofossils [Leg339]	foraminiferal silty clay with nannofossils
342-U1408C-3H-1-W 76/76-SED	12.56	12.56						C [A58]			P [A58]		VA[A58]	P [A58]	P [A58]	F [A58]	P [A58]			F [A58]					F [A58]		P [A58]		P [A58]	P [A58]												P [A58]	silty [Leg339]	clay [Leg339]		silty clay
342-U1408C-3H-2-W 33/33-SED	13.63	13.63						C [A58]			F [A58]		A [A58]										P [A58]		F [A58]																F [A58]		clay [Leg339]	with quartz	clay with quartz
342-U1408C-3H-5-W 101/101-SED	18.81	18.81						C [A58]				P [A58]	A [A58]			P [A58]									F [A58]		C [A58]														F [A58]	silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils
342-U1408C-4H-1-A	22.05	22.05	intermediate color					P [A58]				P [A58]	VA[A58]		P [A58]		P [A58]				P [A58]				P [A58]		A [A58]		P [A58]	P [A58]													nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408C-7H-2	51.98	51.98						P [A58]					A [A58]														VA[A58]		A [A58]	A [A58]													clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers [Leg339]	clayey nannofossil ooze with foraminifers
342-U1408C-8H-2	61.08	61.08						P [A58]					F [A58]											P [A58]			VA[A58]		F [A58]	F [A58]														nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408C-9H-3	72.46	72.46						p [A58]					VA[A58]		p [A58]					P [A58]		P [A58]			F [A58]		A [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408C-10H-5	85.28	85.28	bleb with chlorite									C [A58]	va[A58]																														silty [Leg339]	clay [Leg339]		silty clay
342-U1408C-11H-6	96.07	96.07											VA[A58]		P [A58]							P [A58]		F [A58]			A [A58]															NANnofossil [Leg339]	CLAy [Leg339]		NANnofossil CLAy
342-U1408C-13H-1-W 75/75-SED	105.05	105.05	white										P [A58]		P [A58]										P [A58]	C [A58]	VA[A58]		C [A58]	C [A58]														nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408C-13H-5-W 54/54-SED	110.24	110.24	dark								P [A58]	P [A58]	VA[A58]												P [A58]		A [A58]														F [A58]	nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408C-14H-1-W 43/43-SED	114.23	114.23	white																						P [A58]		VA[A58]	F [A58]	C [A58]	C [A58]														nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408C-14H-5-W 22/22-SED	120.02	120.02											A [A58]												F [A58]		A [A58]		F [A58]	F [A58]												F [A58]	nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408C-15H-4-W 43/43-SED	126.73	126.73	whitish								F [A58]		A [A58]												P [A58]		VA[A58]		C [A58]	C [A58]													clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers [Leg339]	clayey nannofossil ooze with foraminifers
342-U1408C-15H-6-W 23/23-SED	129.53	129.53									F [A58]		A [A58]		P [A58]										P [A58]		A [A58]		C [A58]	C [A58]													nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1408C-16H-2-W 114/114-SED	133.94	133.94	white										F [A58]		P [A58]												VA[A58]		C [A58]	C [A58]														nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408C-16H-5-W 137/137-SED	138.67	138.67	dark								F [A58]		A [A58]												F [A58]		A [A58]		C [A58]	C [A58]												F [A58]	nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1408C-17H-1-W 75/75-SED	141.55	141.55									F [A58]		A [A58]												F [A58]		A [A58]		P [A58]	P [A58]													nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408C-17H-4-W 58/58-SED	145.88	145.88									F [A58]		A [A58]												P [A58]		A [A58]		F [A58]	F [A58]													nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408C-18H-1-W 76/76-SED	147.26	147.26	white								F [A58]				P [A58]												VA[A58]		C [A58]	C [A58]		P [A58]													nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408C-18H-3-W 88/88-SED	150.38	150.38	dark					P [A58]					A [A58]												F [A58]		A [A58]		F [A58]	F [A58]				F [A58]									nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1408C-18H-6-W 87/87-SED	154.87	154.87	green								P [A58]		P [A58]												P [A58]		VA[A58]		F [A58]	F [A58]				C [A58]					P [A58]				clayey [Leg339]	nannofossil ooze [Leg339]	with radiolarians [Leg339]	clayey nannofossil ooze with radiolarians
342-U1408C-19H-3-W 80/80-SED	159.8	159.8	white								F [A58]		F [A58]														VA[A58]		C [A58]	C [A58]				F [A58]					P [A58]					nannofossil ooze [Leg339]	with foraminifers [Leg339]	nannofossil ooze with foraminifers
342-U1408C-19H-4-W 75/75-SED	161.25	161.25	green										A [A58]		P [A58]										P [A58]		A [A58]		C [A58]	C [A58]				F [A58]					P [A58]				clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers [Leg339]	clayey nannofossil ooze with foraminifers
342-U1408C-20X-2-W 75/75-SED	167.35	167.35									F [A58]		VA[A58]														A [A58]		C [A58]	C [A58]														nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1408C-20X-4-W 98/98-SED	170.58	170.58									F [A58]		VA[A58]												P [A58]		A [A58]		C [A58]	C [A58]														nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1408C-21X-1-W 29/29-SED	172.39	172.39									P [A58]		A [A58]							P [A58]					P [A58]		A [A58]		C [A58]	C [A58]														nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers