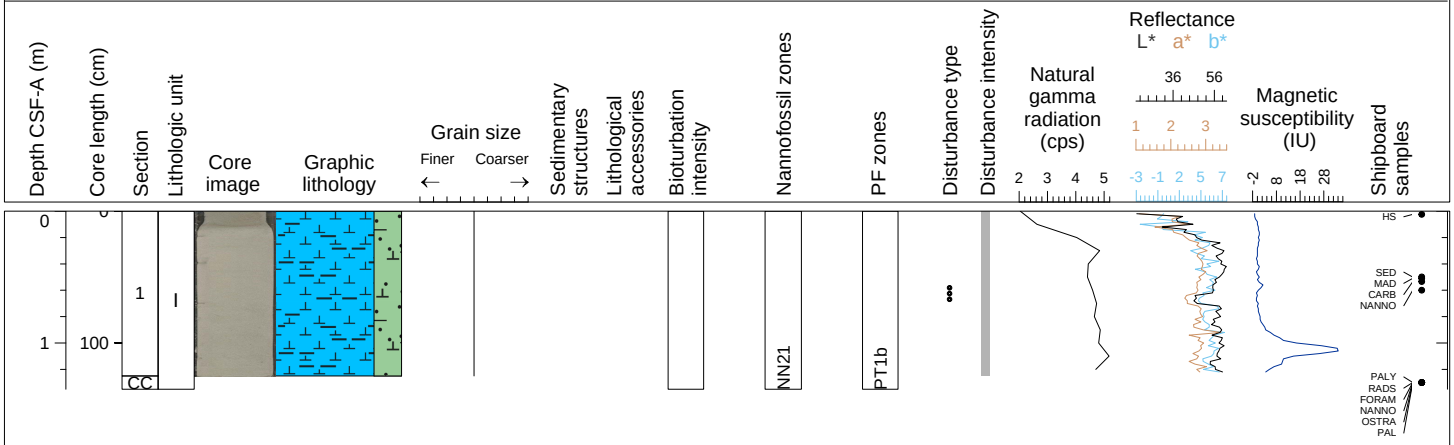
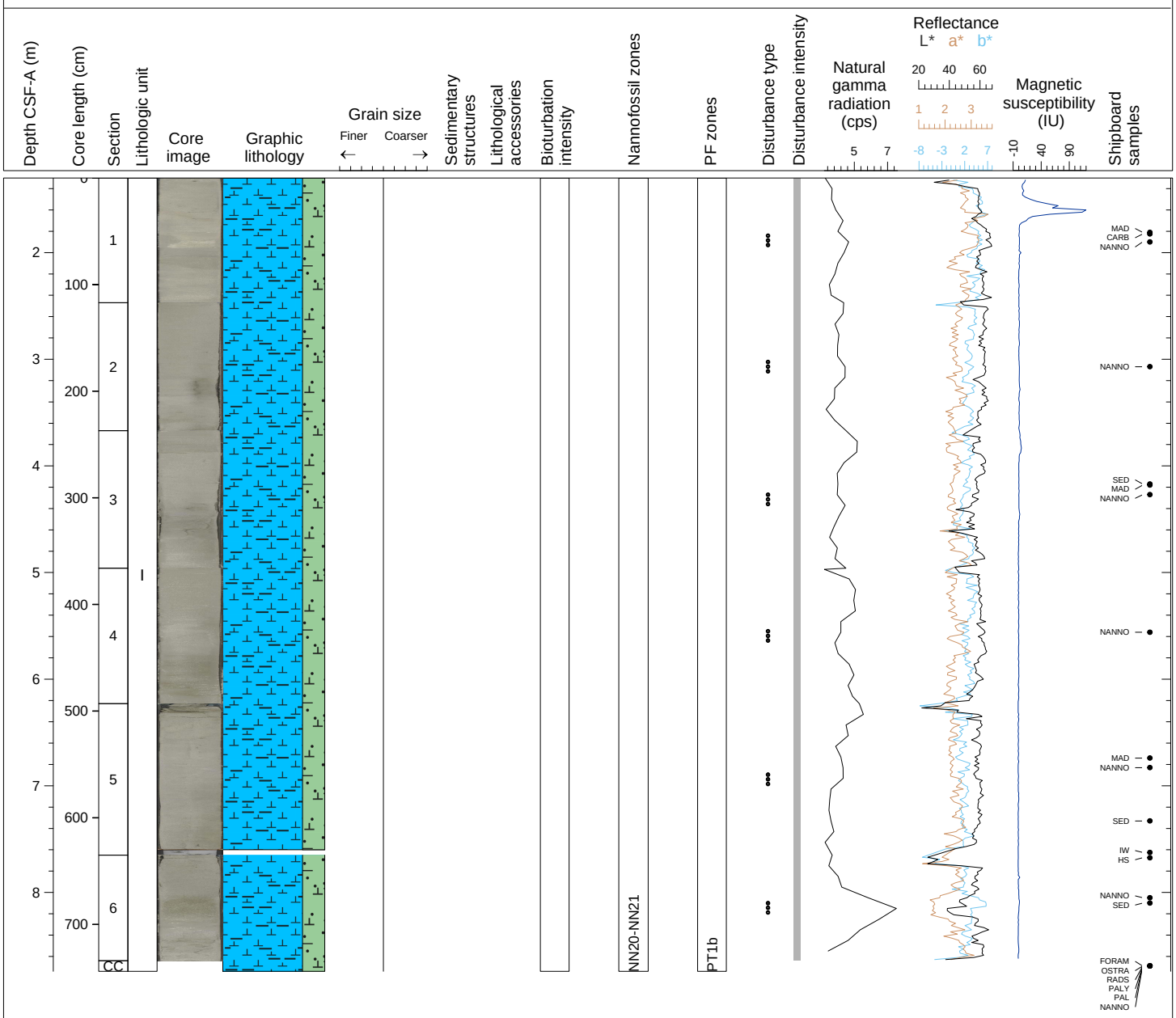
Hole 371-U1508A Core 1H, Interval 0.0-1.35 m (CSF-A)

U1508A-1H consists of a white (2.5Y8/1) foraminiferal ooze severely disturbed by soupy drilling disturbance.



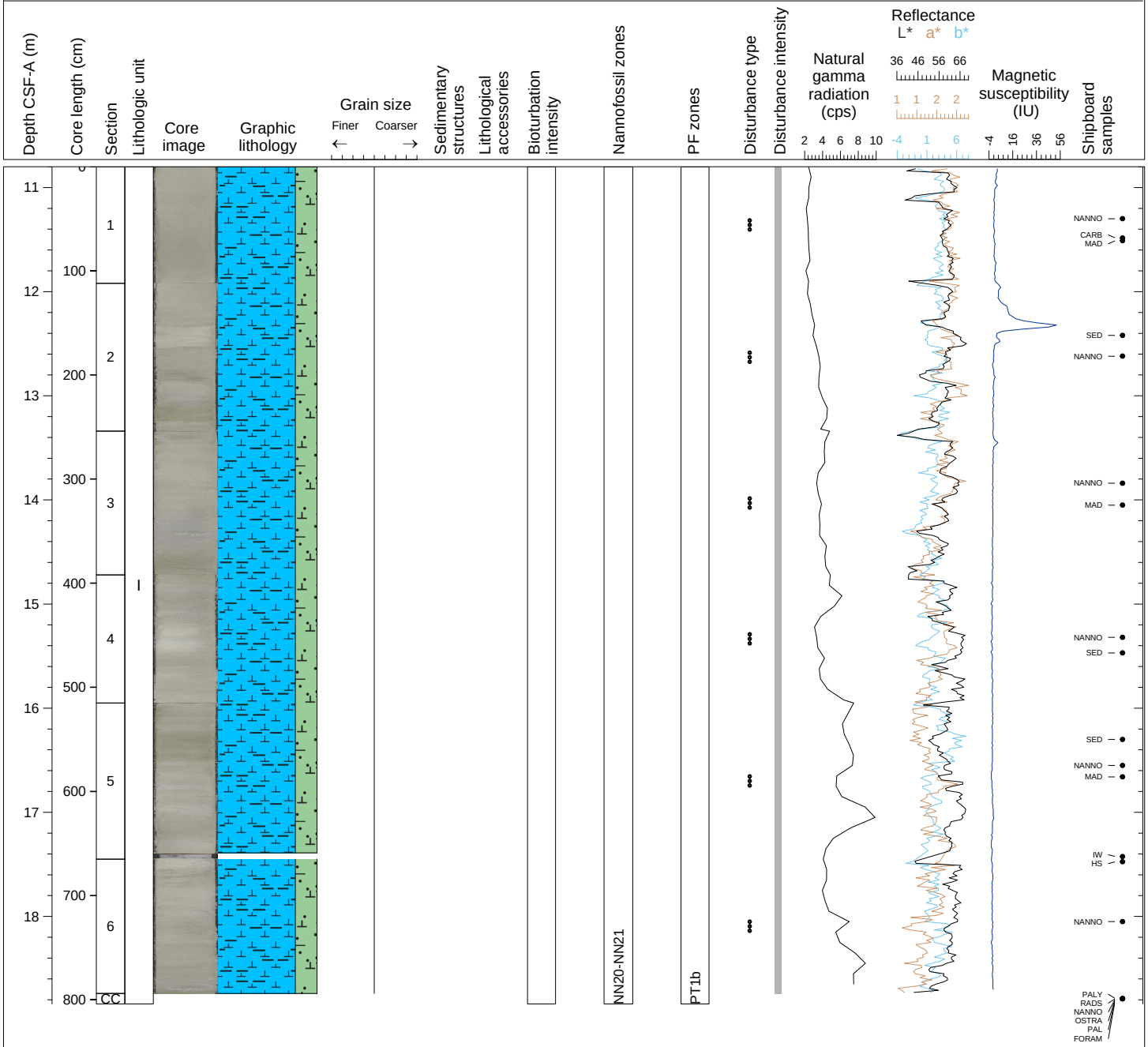
Hole 371-U1508A Core 2H, Interval 1.3-8.74 m (CSF-A)

U1508A-2H consists of a white (2.5Y8/1) foraminiferal ooze with rare bioclasts. The core is severely disturbed by soupy drilling disturbance. A darker (2.57 6/3) pale olive interval occurs in Section 6.



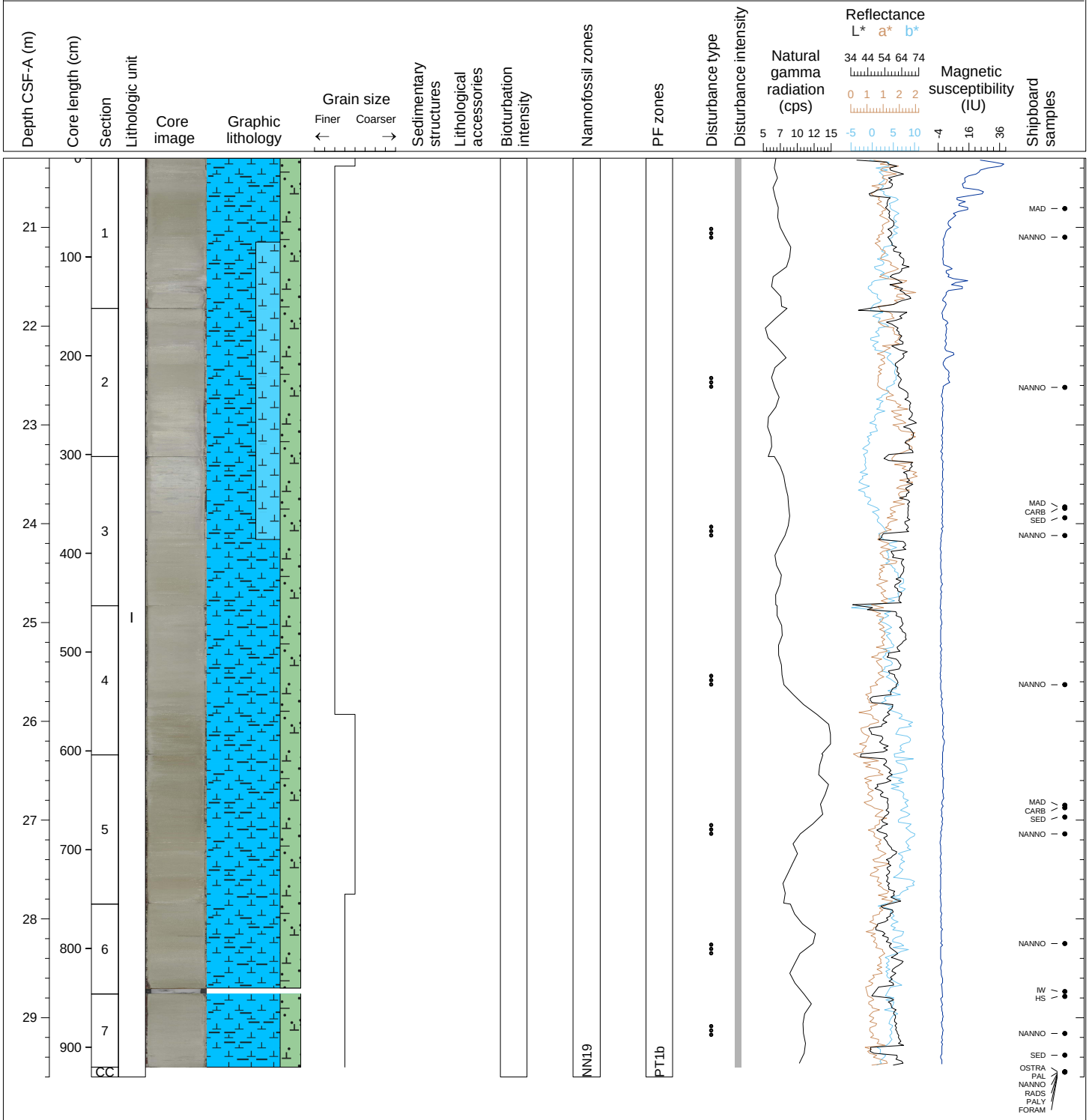
Hole 371-U1508A Core 3H, Interval 10.8-18.84 m (CSF-A)

U1508A-3H consists of a white (2.5Y8/1) foraminiferal ooze with bioclasts. The core is severely disturbed by soupy drilling disturbance. Darker (2.57 6/3) pale olive interval occurs in Section 2, 3 and 5



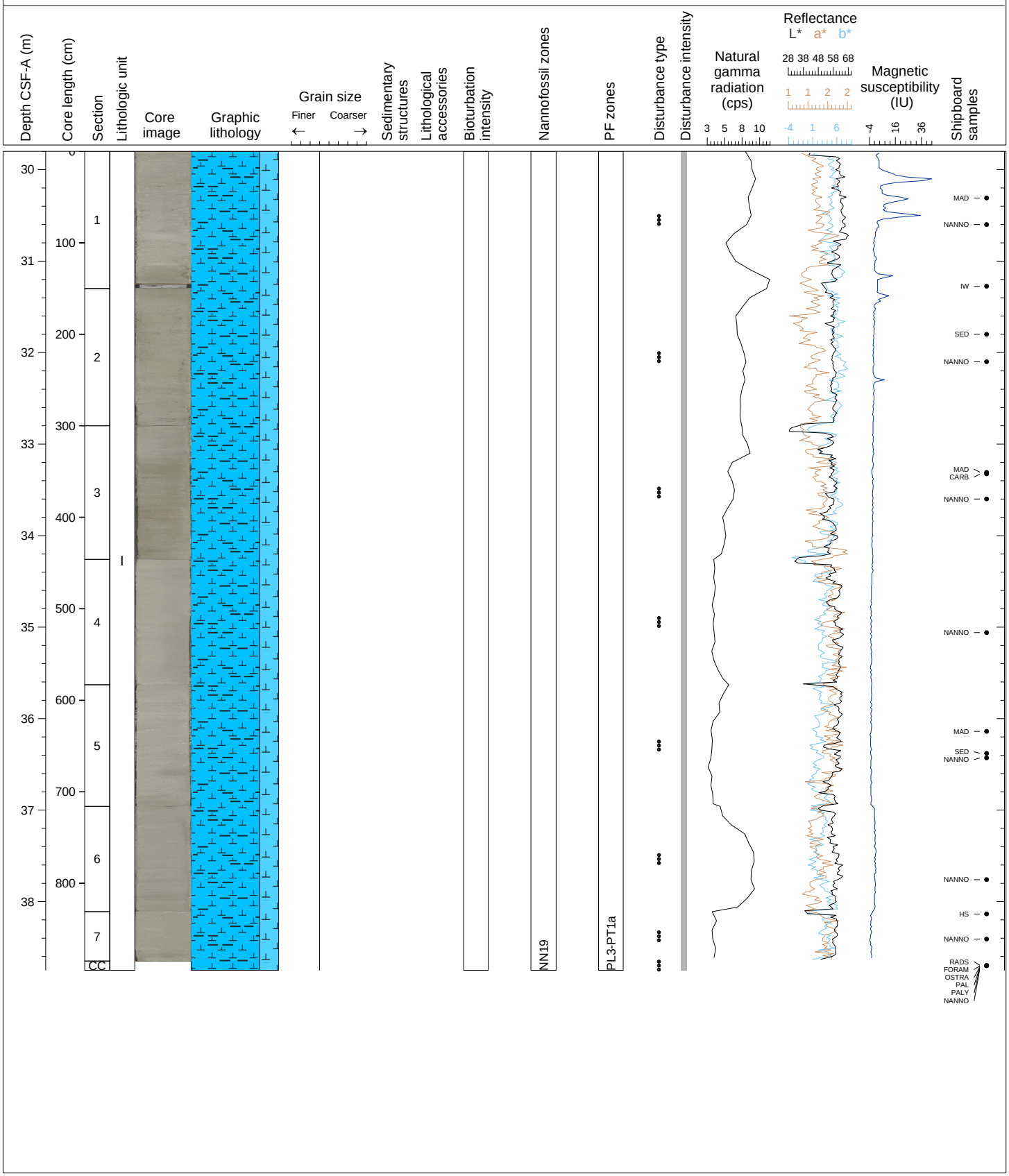
Hole 371-U1508A Core 4H, Interval 20.3-29.6 m (CSF-A)

U1508A-4H consists of a color banding white (2.5Y8/1),5Y 6/3 (pale olive) and 2.5Y 8/2 (pale yellow) foraminiferal ooze with bioclasts. The core is severely disturbed by soupy drilling disturbance. Black blubs are identified at section 1, 2 and 3 in a white nannofossil-rich foraminiferal ooze with bioclasts



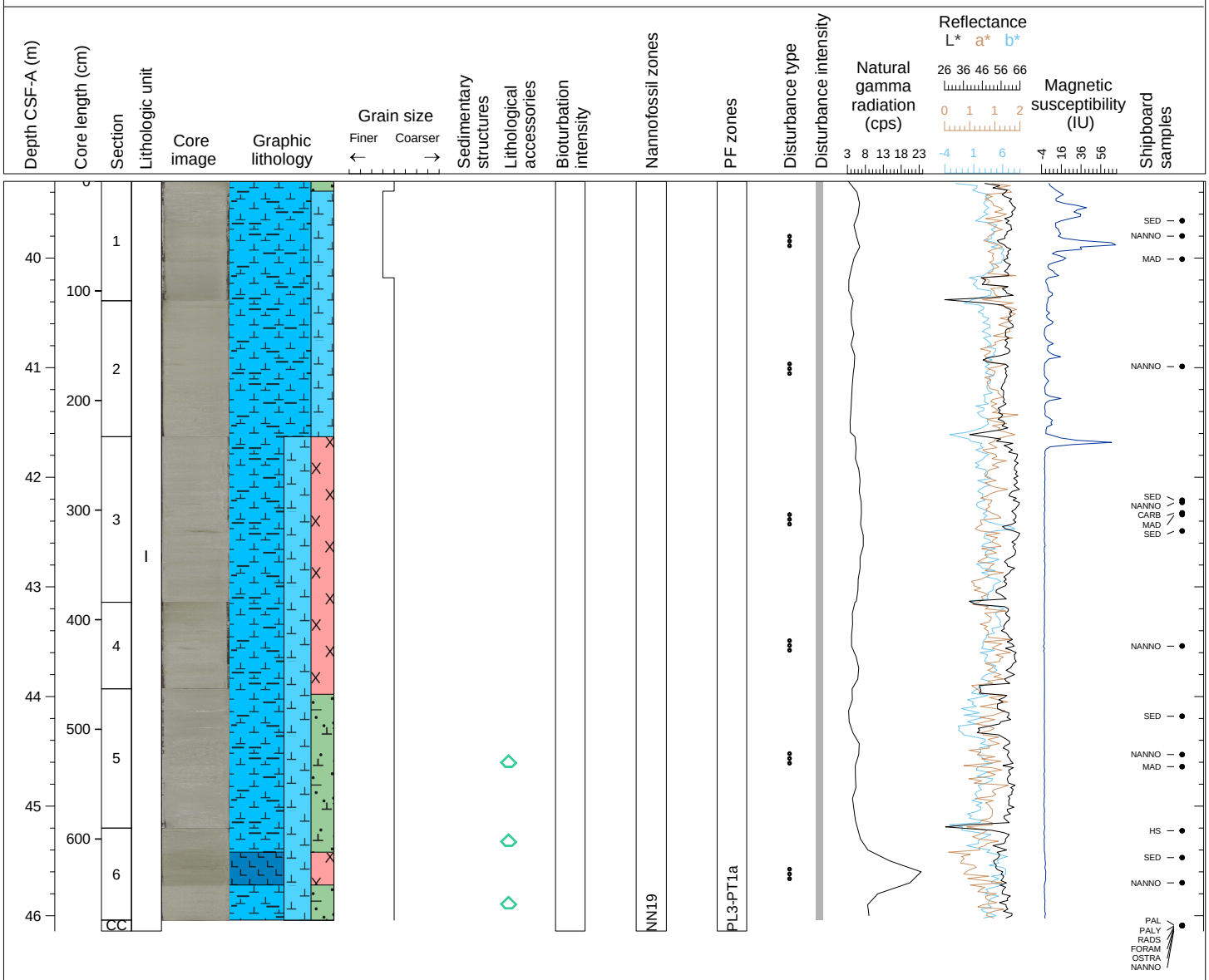
Hole 371-U1508A Core 5H, Interval 29.8-38.75 m (CSF-A)

U1508A-5H consists of a color banding white (2.5Y7/1),foraminiferal ooze with nannofossils. The core is severely disturbed by soupy drilling disturbance. Bioclasts and sponge spicules were also present.



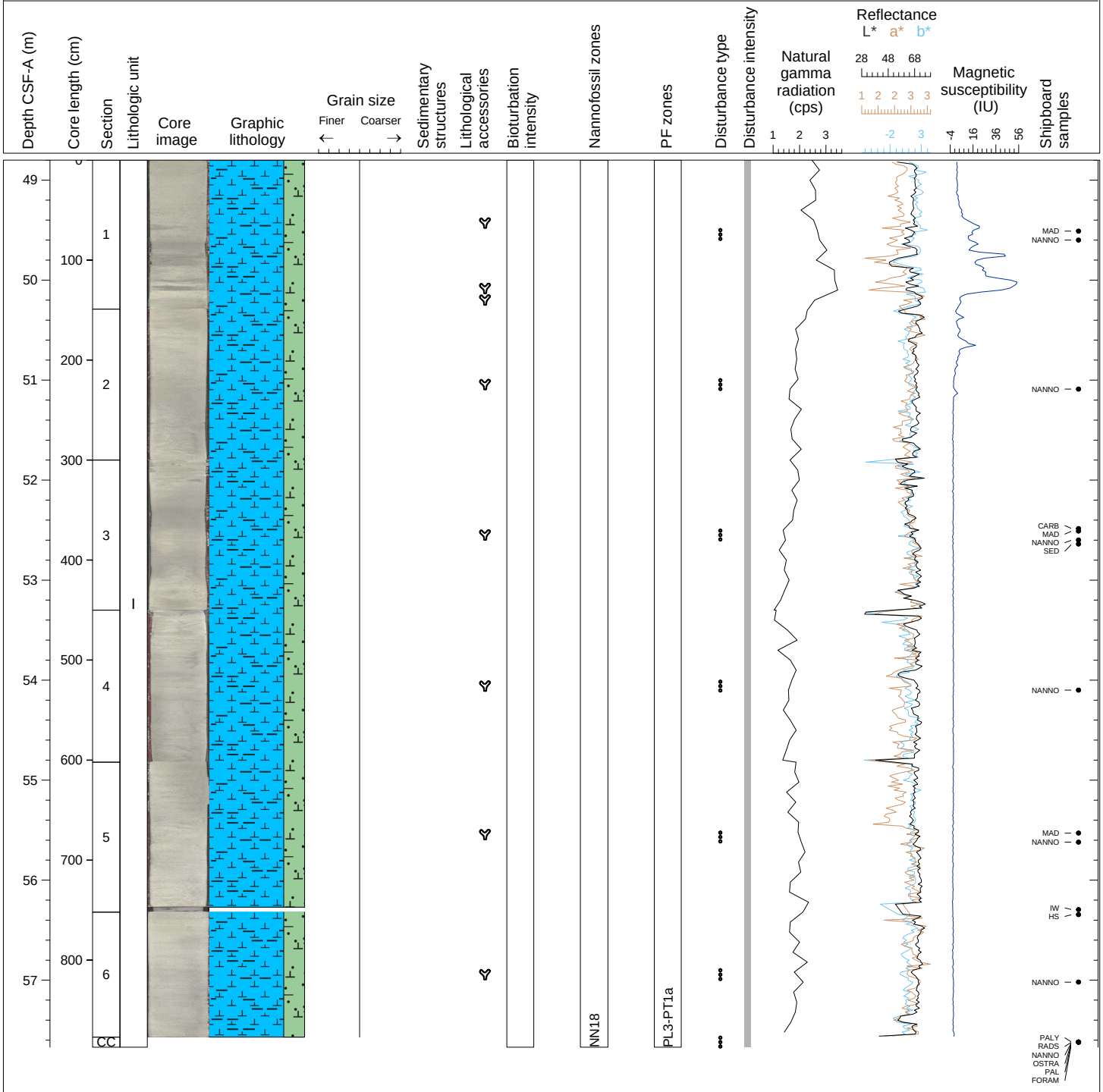
Hole 371-U1508A Core 6H, Interval 39.3-46.14 m (CSF-A)

U1508A-6H consists of a color banding white (2.5Y7/1), nannofossil-rich foraminiferal ooze, sometimes with bioclasts and sponge spicules. The core is severely disturbed by soupy drilling disturbance.



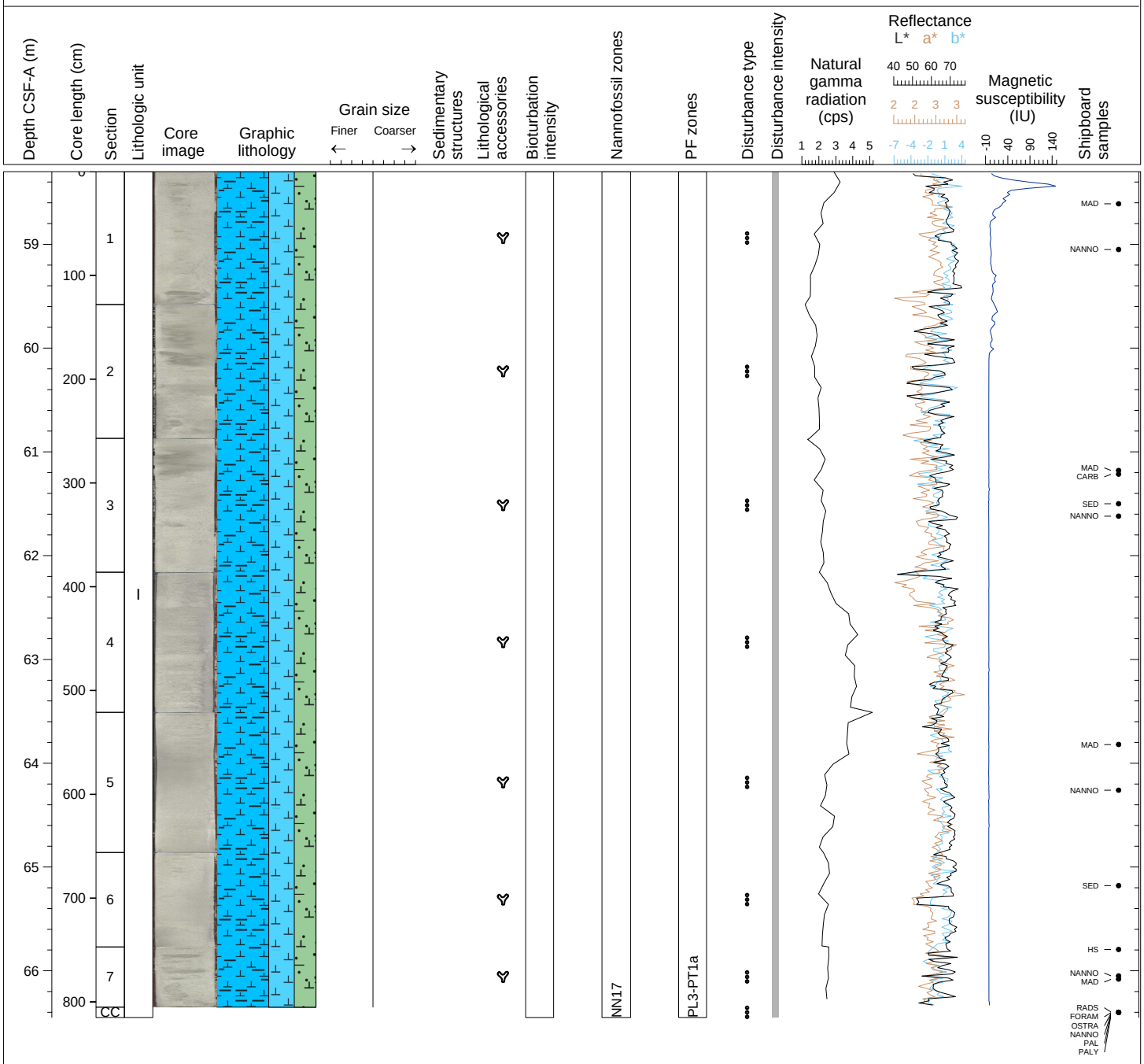
Hole 371-U1508A Core 7H, Interval 48.8-57.67 m (CSF-A)

U1508A-7H consists of a white (2.5Y 9/1) foraminiferal ooze with bioclasts. The core is disturbed by soupy drilling disturbance. ~5mm long Bryozoans make up most of the bioclasts and are easily observable macroscopically. One darker (light grey) interval occurs near the bottom of section 1. Scattered grains of sulfide throughout.



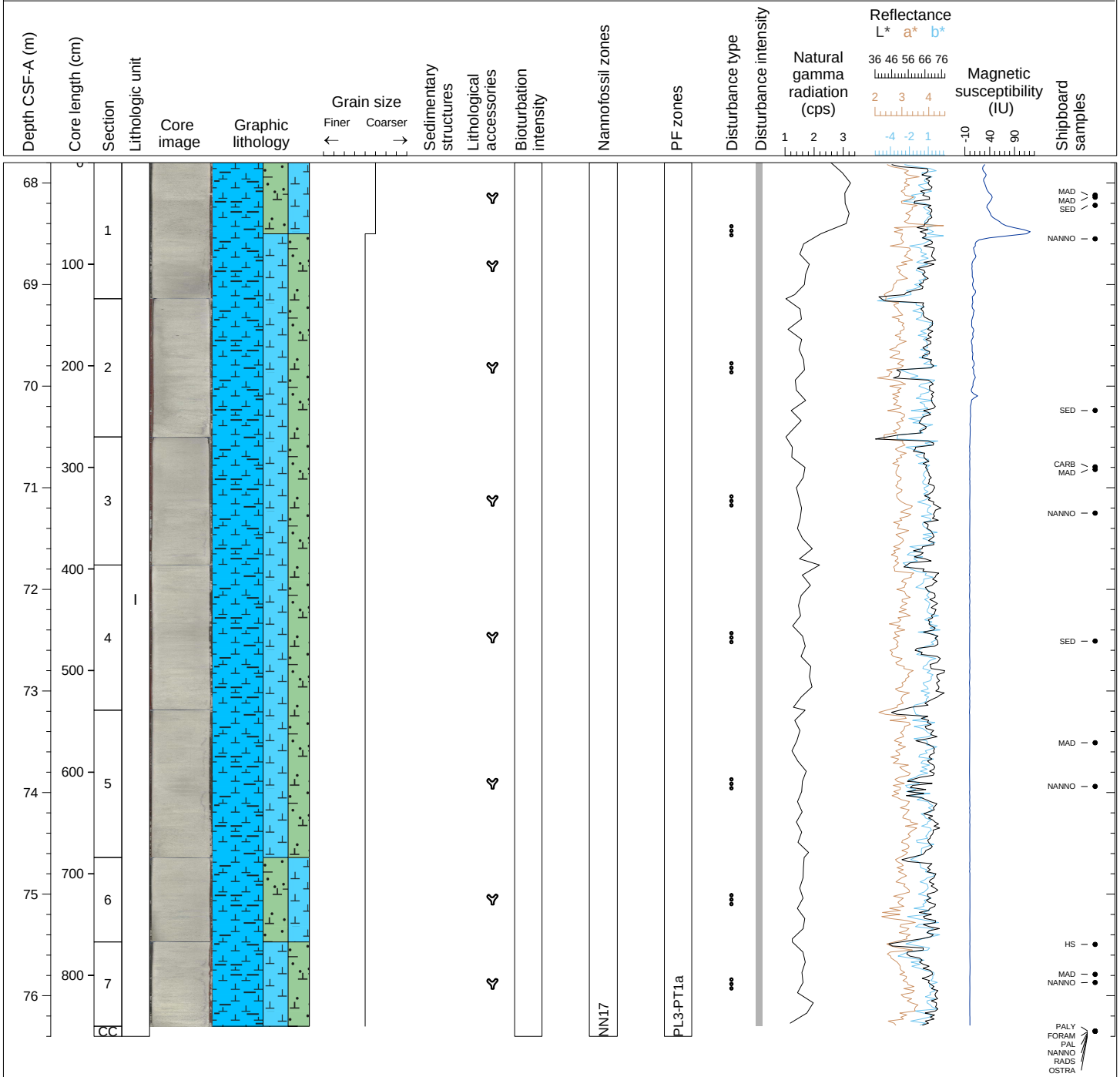
Hole 371-U1508A Core 8H, Interval 58.3-66.45 m (CSF-A)

U1508A-8H consists of a white (2.5Y 9/1) foraminiferal ooze with bioclasts. The upper 35 cm of section one contains millimeter size shell fragments and pyrite grains. The core is disturbed by soupy drilling disturbance. ~5mm long Bryozoans make up most of the bioclasts and are easily observable macroscopically. Scattered grains of sulfide throughout.



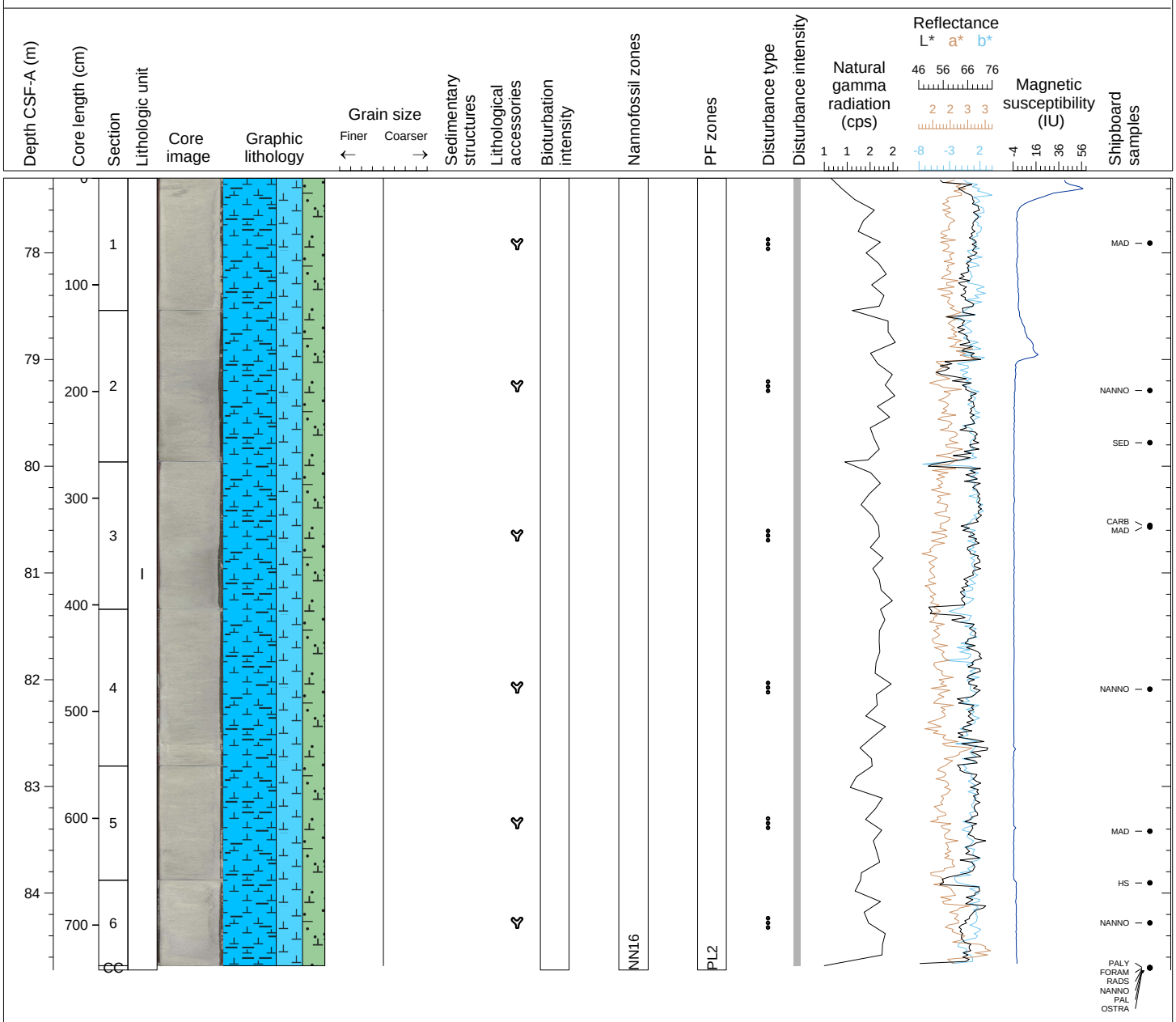
Hole 371-U1508A Core 9H, Interval 67.8-76.4 m (CSF-A)

U1508A-9H consists of a white (2.5Y 9/1) nannofossil-rich foraminiferal ooze with bioclasts. The upper 70 cm of section 1 becomes locally a bioclastic foraminiferal ooze with nannofossils. Small clasts of mainly pyrite occur with this upper section. The rest of the core bryozoa concentrations range from abundant and locally approach common. The core is disturbed by soupy drilling disturbance. ~5mm long Bryozoans make up most of the bioclasts and are easily observable macroscopically. Scattered grains of sulfide throughout.



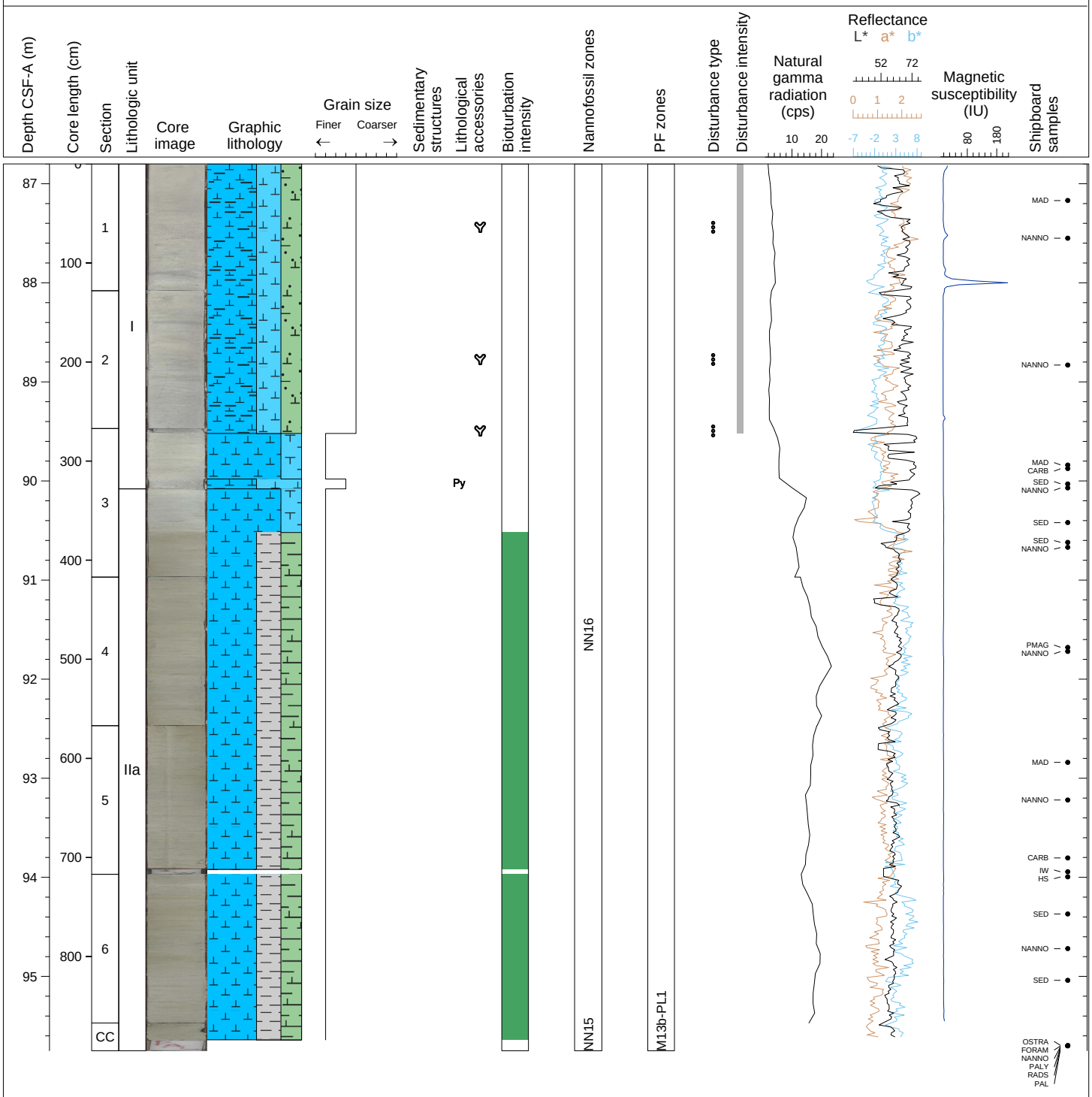
Hole 371-U1508A Core 10H, Interval 77.3-84.72 m (CSF-A)

U1508A-10H consists of a white (2.5Y 9/1) nannofossil-rich foraminiferal ooze with bioclasts. Small clasts of mainly pyrite occur with this upper section. The rest of the core, bryozoa concentrations range from abundant and locally approach common. The core is disturbed by soupy drilling disturbance. ~5mm long Bryozoans make up most of the bioclasts and are easily observable macroscopically. In addition, millimeter size shell fragments are rarely observed. Scattered grains of sulfide throughout and rare pyritized bryozoa were observed.



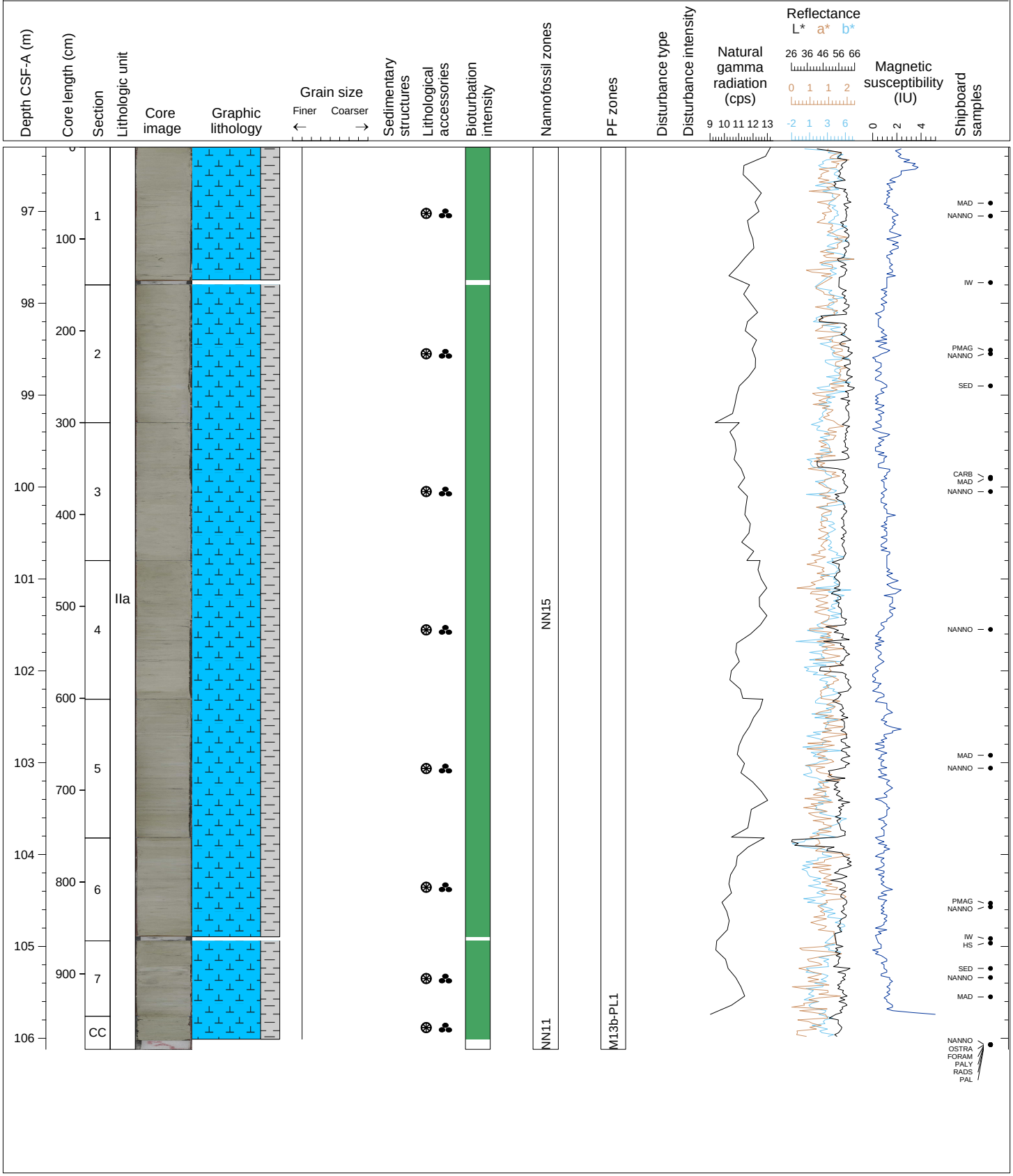
Hole 371-U1508A Core 11H, Interval 86.8-95.75 m (CSF-A)

U1508A-11H contains a number of lithologic changes. The upper two sections consists of a white (2.5Y 9/1) nannofossil-rich foraminiferal ooze with bioclasts. Small clasts of mainly pyrite. ~5mm long Bryozoans make up most of the bioclasts and are easily observable macroscopically. In section 3 at 5 cm, the lithology becomes a nannofossil ooze and continues to 51 cm where a graded bed of foraminiferal ooze extends down to 61 cm. Between 61 and 105 cm, a clayey nannofossil ooze occurs. A gradual contact occurs at 105 cm in which the lithology slightly darkens to a light greenish gray (GLEY 1 8/10Y to GLEY 1 7/10Y) clayey nannofossil ooze with biosilica. Faint color banding occurs at the decimeter scale.



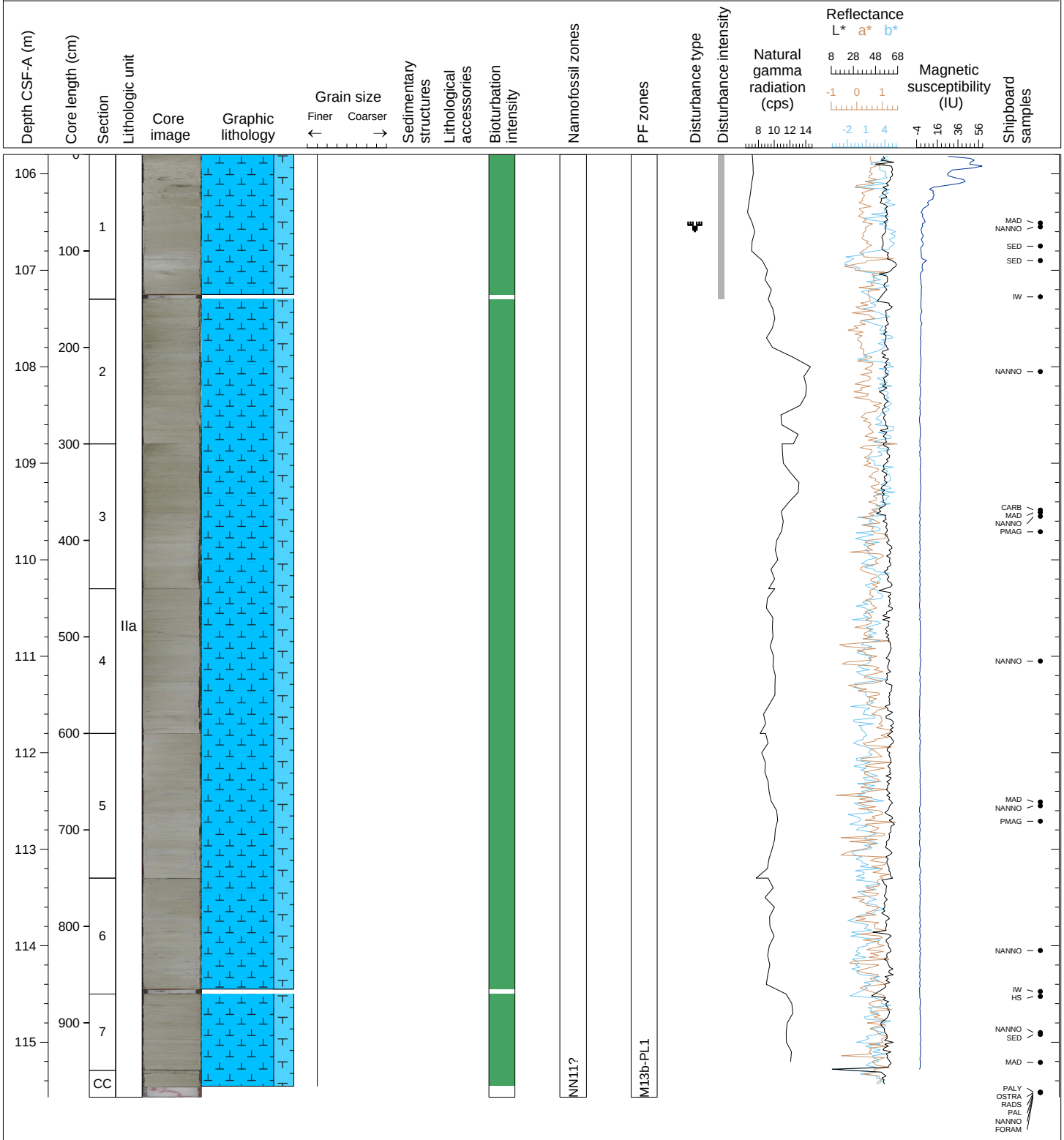
Hole 371-U1508A Core 12H, Interval 96.3-106.12 m (CSF-A)

U1508A-12H is comprised of a light greenish gray (GLEY 1 8/10Y to GLEY 1 7/10Y) nannofossil ooze with clay and rare to common abundances of biosilica and foraminifers. Faint color banding occurs at the decimeter scale.



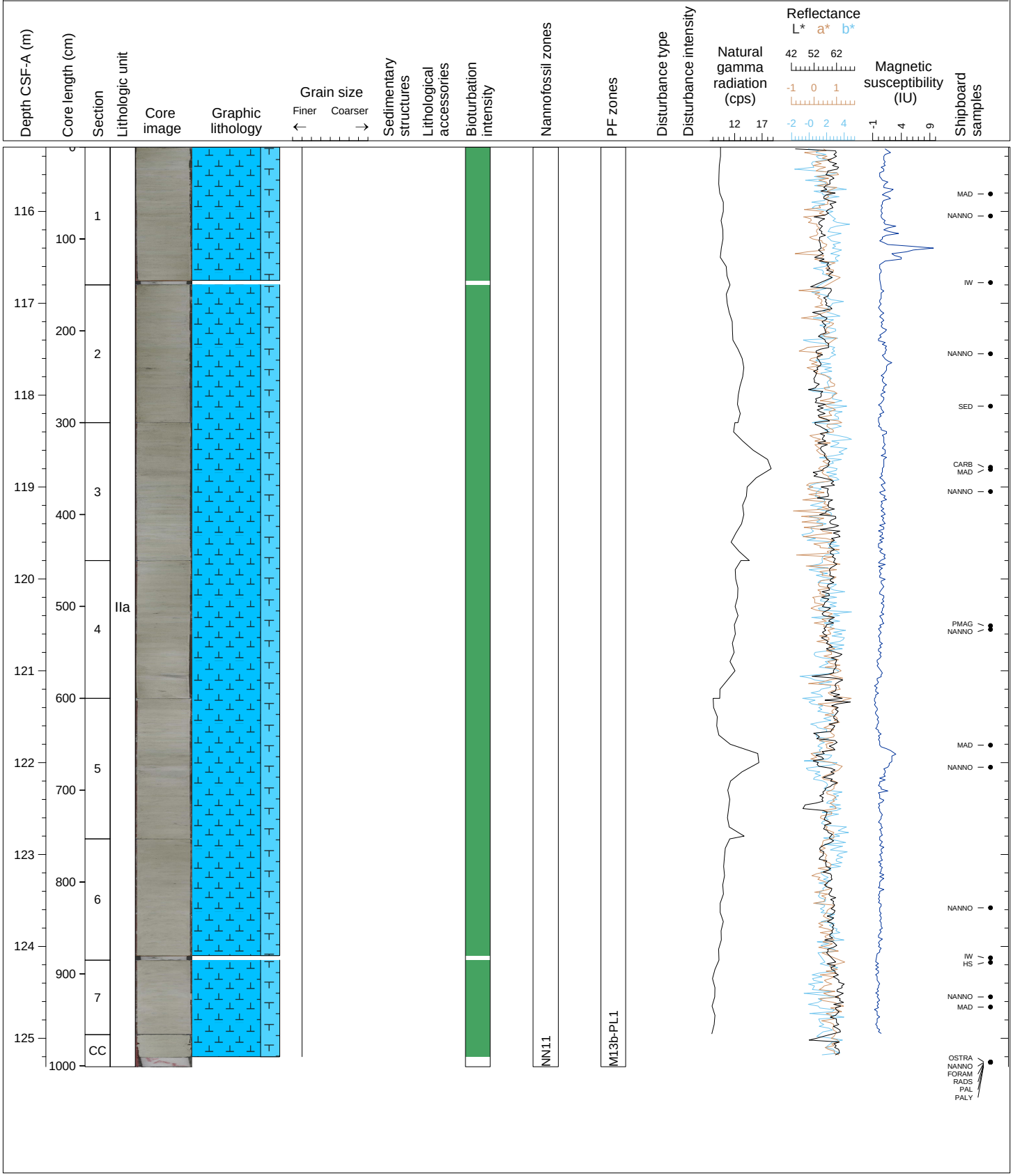
Hole 371-U1508A Core 13H, Interval 105.8-115.57 m (CSF-A)

U1508A-13H is comprised of a light greenish gray (GLEY 1 8/10Y to GLEY 1 7/10Y) nannofossil ooze with foraminifers. Clay content has decreased in core 13H to trace amounts. Faint color banding occurs at the decimeter scale.



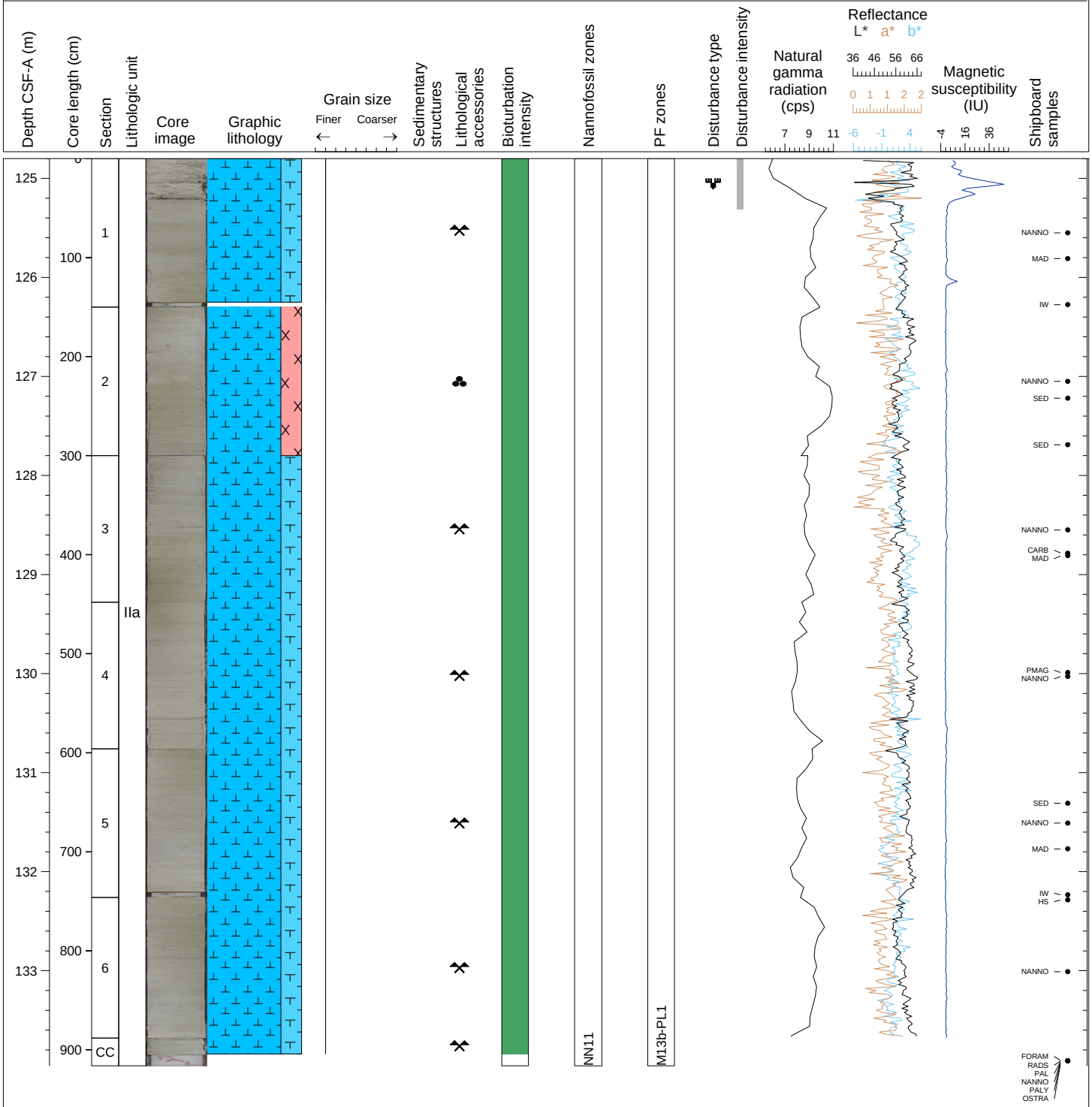
Hole 371-U1508A Core 14H, Interval 115.3-125.31 m (CSF-A)

U1508A-14H is comprised of a light greenish gray (GLEY 1 8/10Y) nannofossil ooze with foraminifers. Faint color banding occurs at the decimeter scale. Small blebs of pyrite are observed throughout the core.



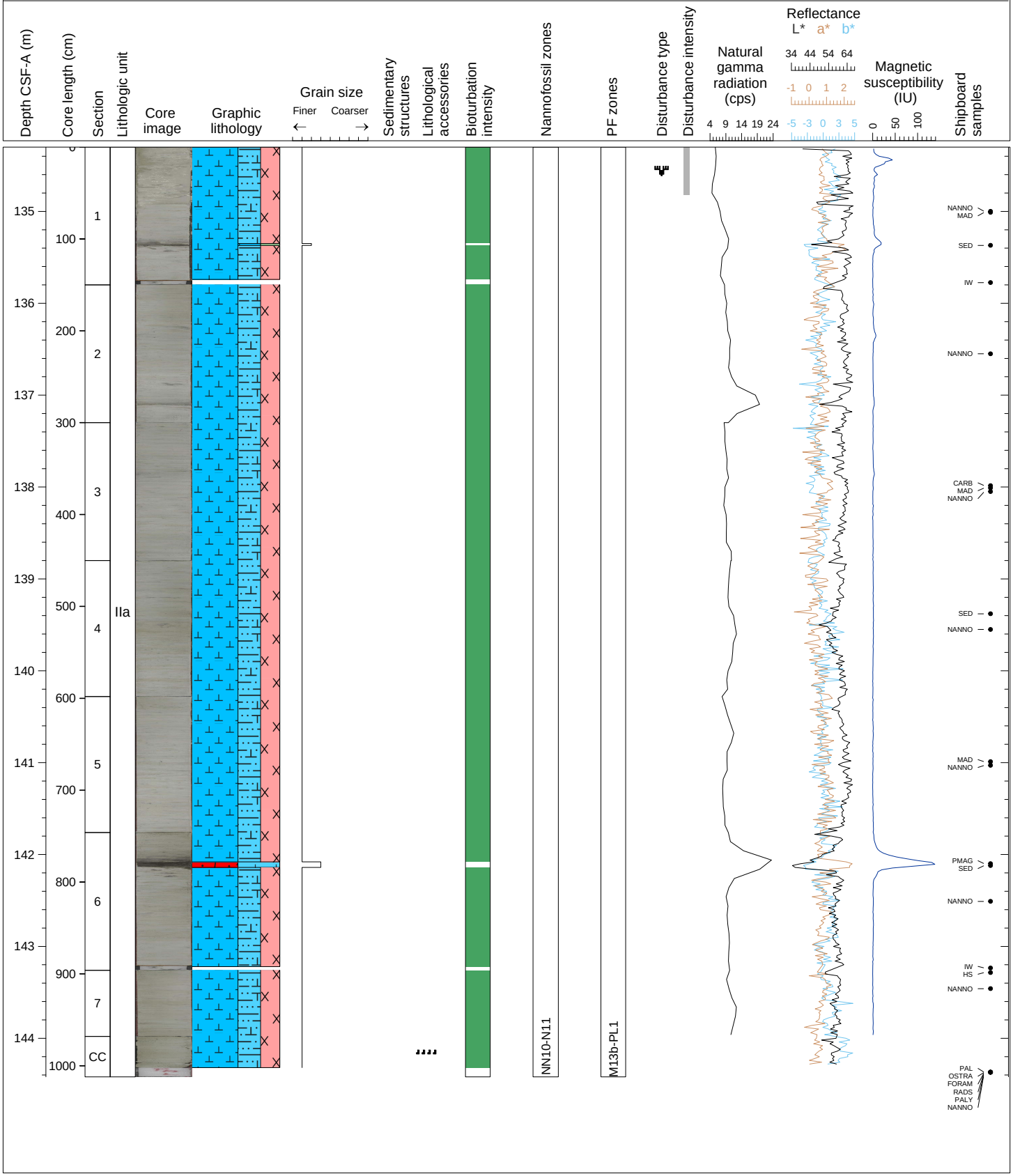
Hole 371-U1508A Core 15H, Interval 124.8-133.96 m (CSF-A)

U1508A-15H is comprised of a light greenish gray (GLEY 1 8/10Y) nannofossil ooze with foraminifers. Faint color banding occurs at the decimeter scale. Small blebs of pyrite are observed throughout the core.



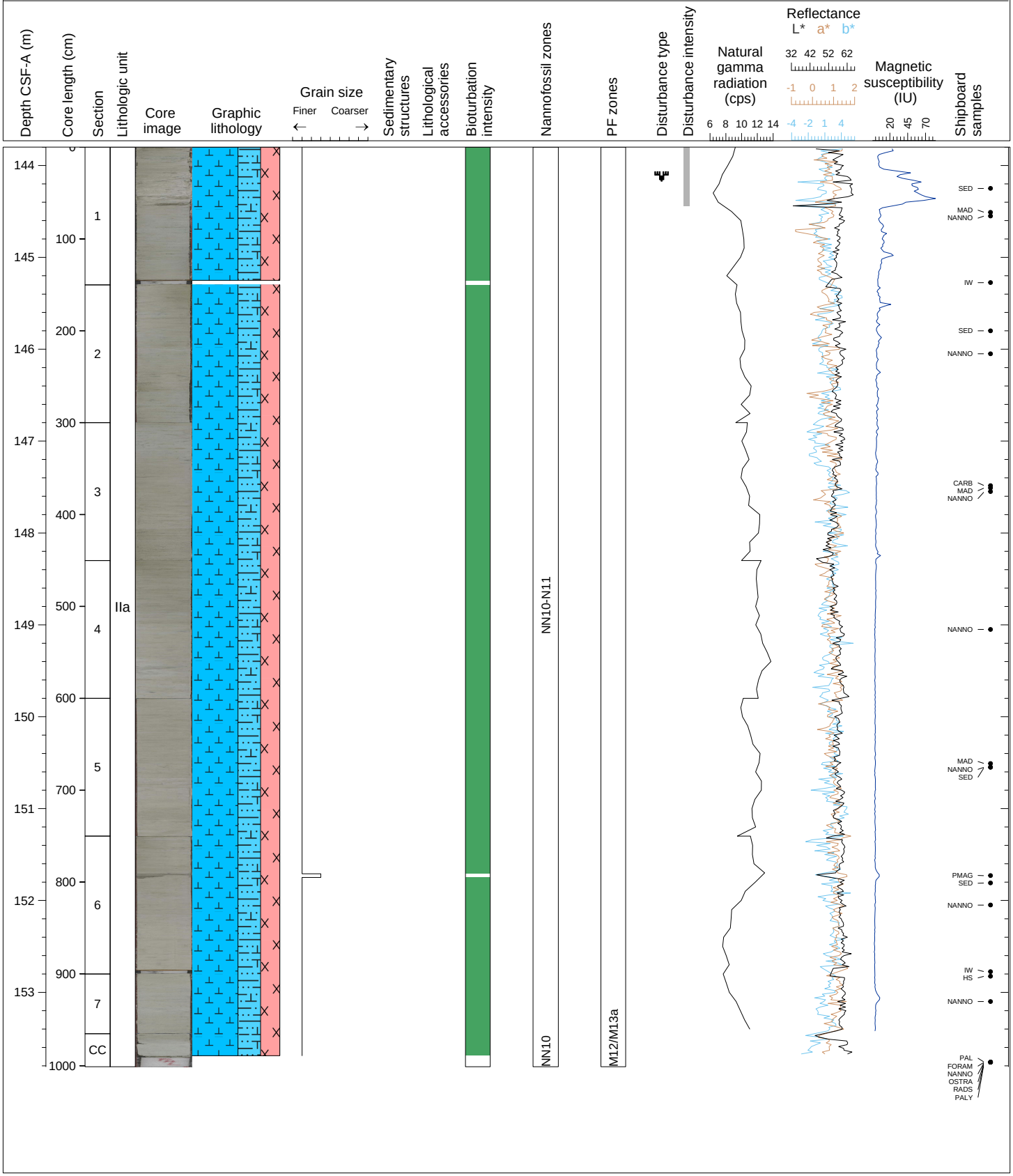
Hole 371-U1508A Core 16H, Interval 134.3-144.42 m (CSF-A)

U1508A-16H is comprised of a light greenish gray (GLEY 1 8/10Y) nannofossil ooze with foraminifers. Faint color banding occurs at the meter scale. Small blebs of pyrite are observed throughout the core. At Section 1 and Section 6 occurs a thin nannofossil-rich volcanic ash beds.



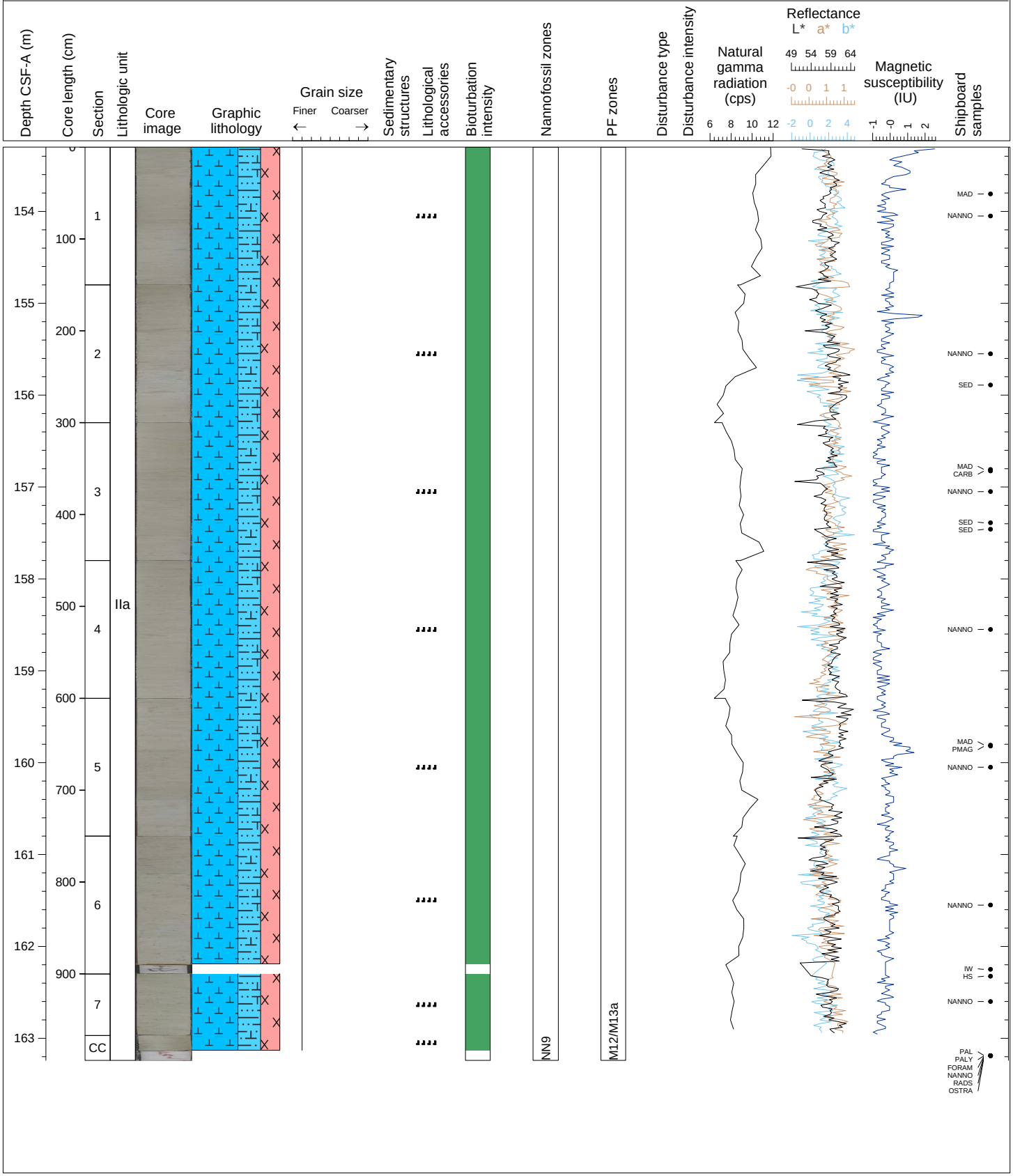
Hole 371-U1508A Core 17H, Interval 143.8-153.81 m (CSF-A)

U1508A-17H is comprised of a light greenish gray (GLEY 1 8/10Y) nannofossil ooze with foraminifers. Faint color banding occurs at the meter scale. Small blebs of pyrite are observed throughout the core. At 41cm in Section 6 occurs a darker 3-cm thick volcanic ash bed.



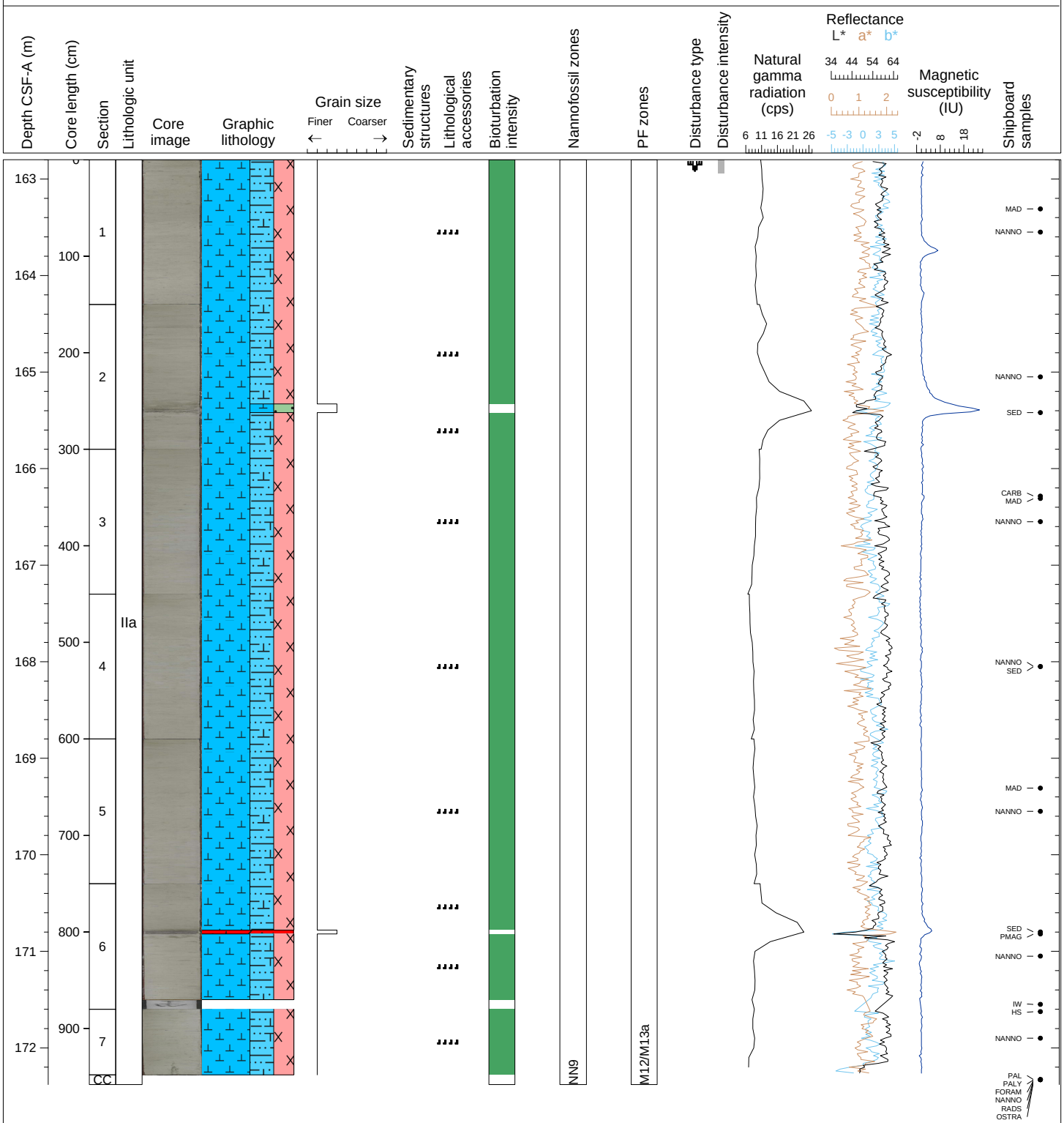
Hole 371-U1508A Core 18H, Interval 153.3-163.24 m (CSF-A)

U1508A-18H is comprised of a light greenish grey (GLEY 1 7/5GY) foraminiferal nannofossil ooze with sponge spicules. Faint color banding occurs at the meter scale. Small blebs of pyrite are observed throughout the core.



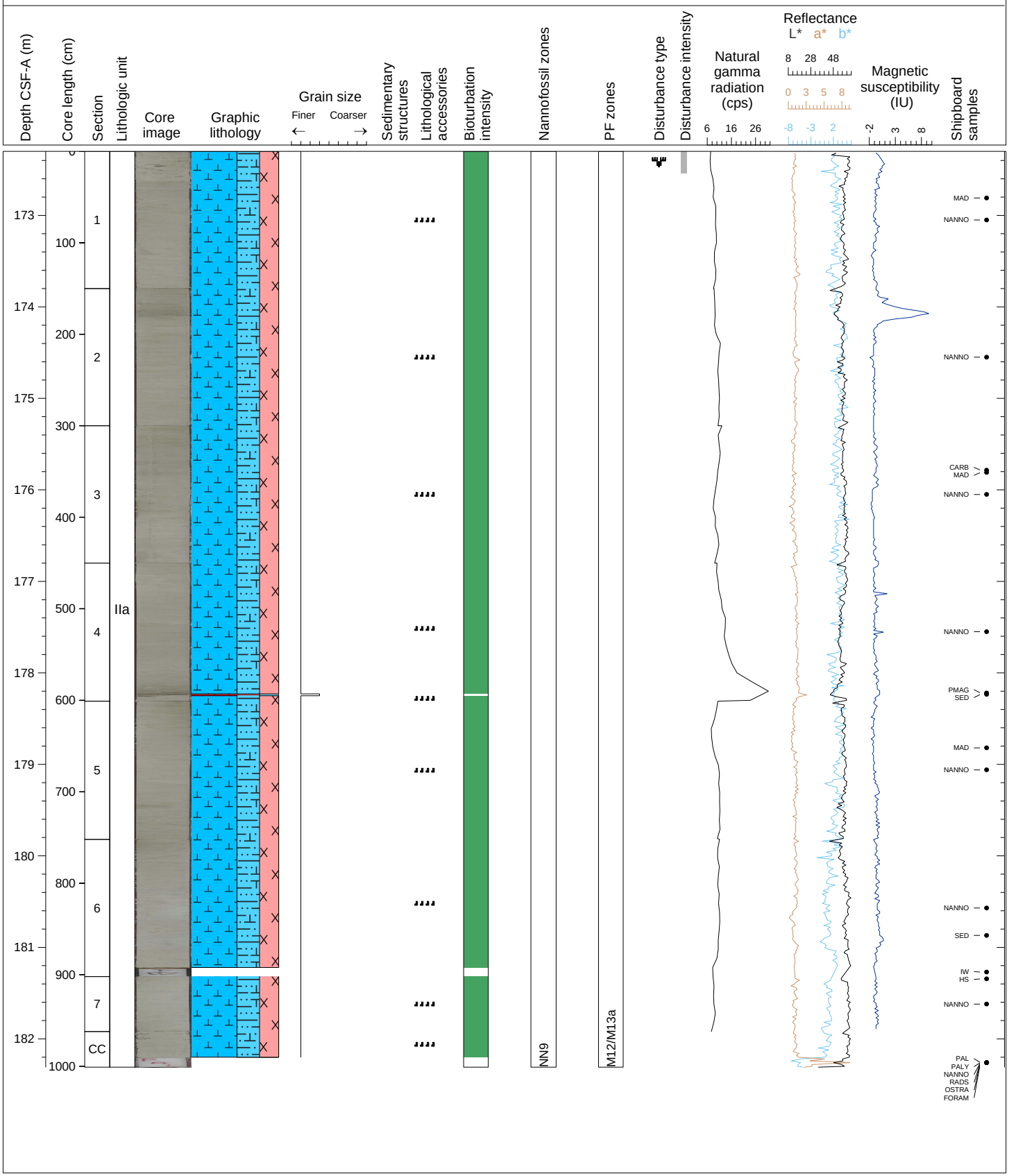
Hole 371-U1508A Core 19H, Interval 162.8-172.38 m (CSF-A)

U1508A-19H is comprised of a light greenish gray nannofossil ooze with sponge spicules. ~5cm thick darker volcanic ash beds occur in sections 2 and 6.



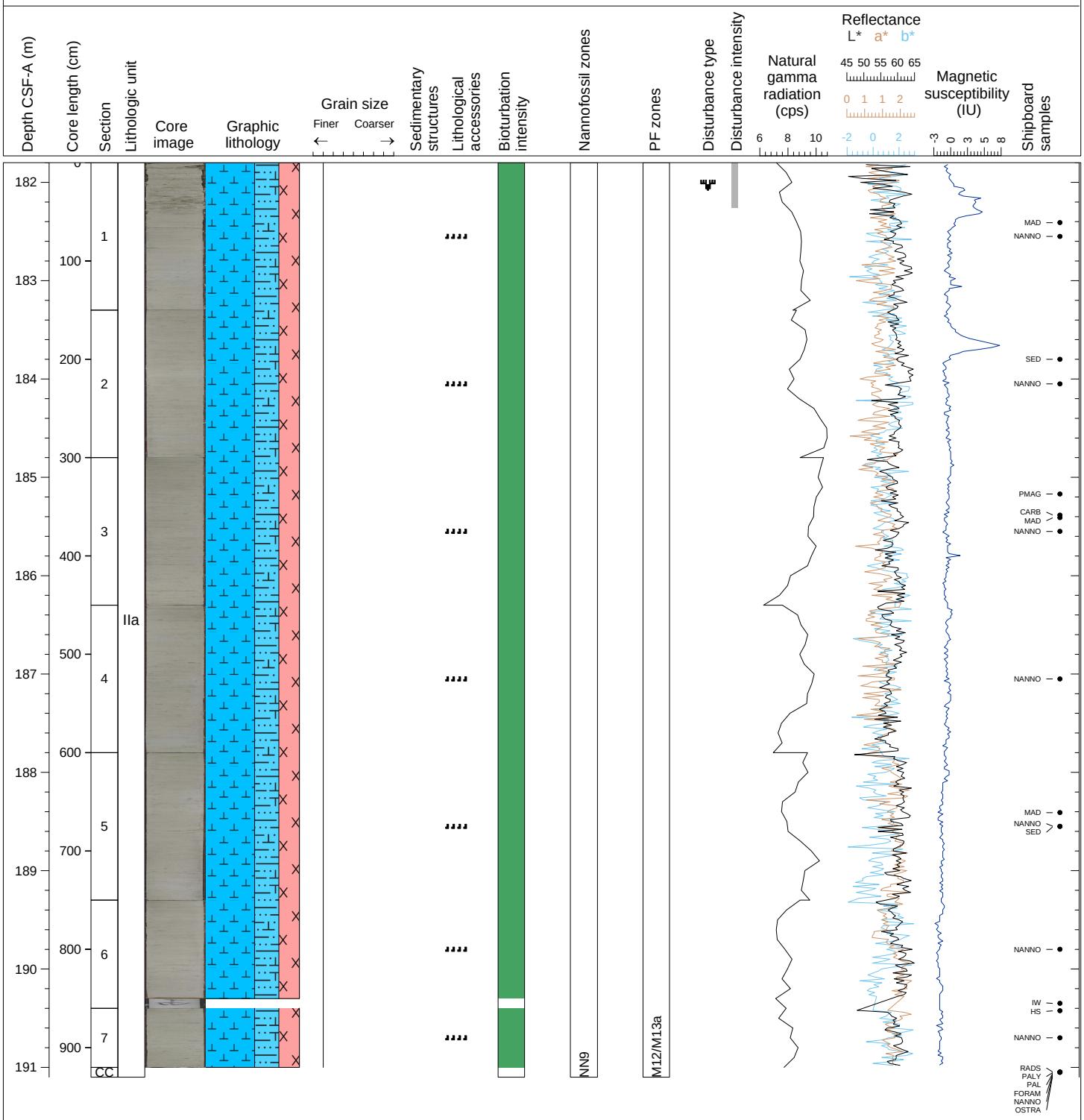
Hole 371-U1508A Core 20H, Interval 172.3-182.31 m (CSF-A)

U1508A-20H is comprised of a light greenish gray nannofossil ooze with sponge spicules. ~2cm thick darker volcanic ash with nannofossils bed occur in sections 6.



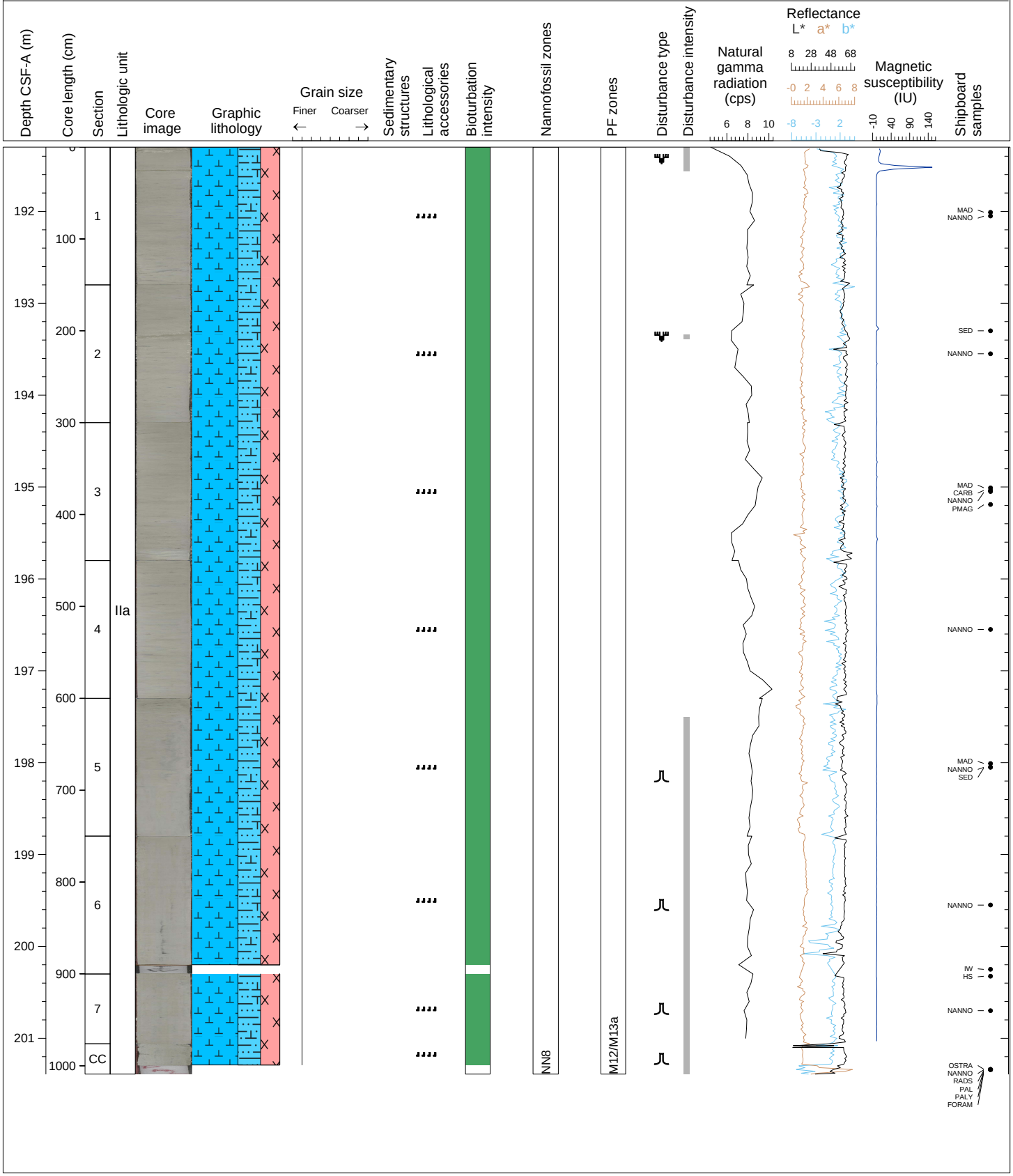
Hole 371-U1508A Core 21H, Interval 181.8-191.1 m (CSF-A)

U1508A-21H is comprised of a light greenish gray nannofossil ooze with sponge spicules. Faint color banding occurs at the meter scale. Small pyritic blebs are observed throughout the core.



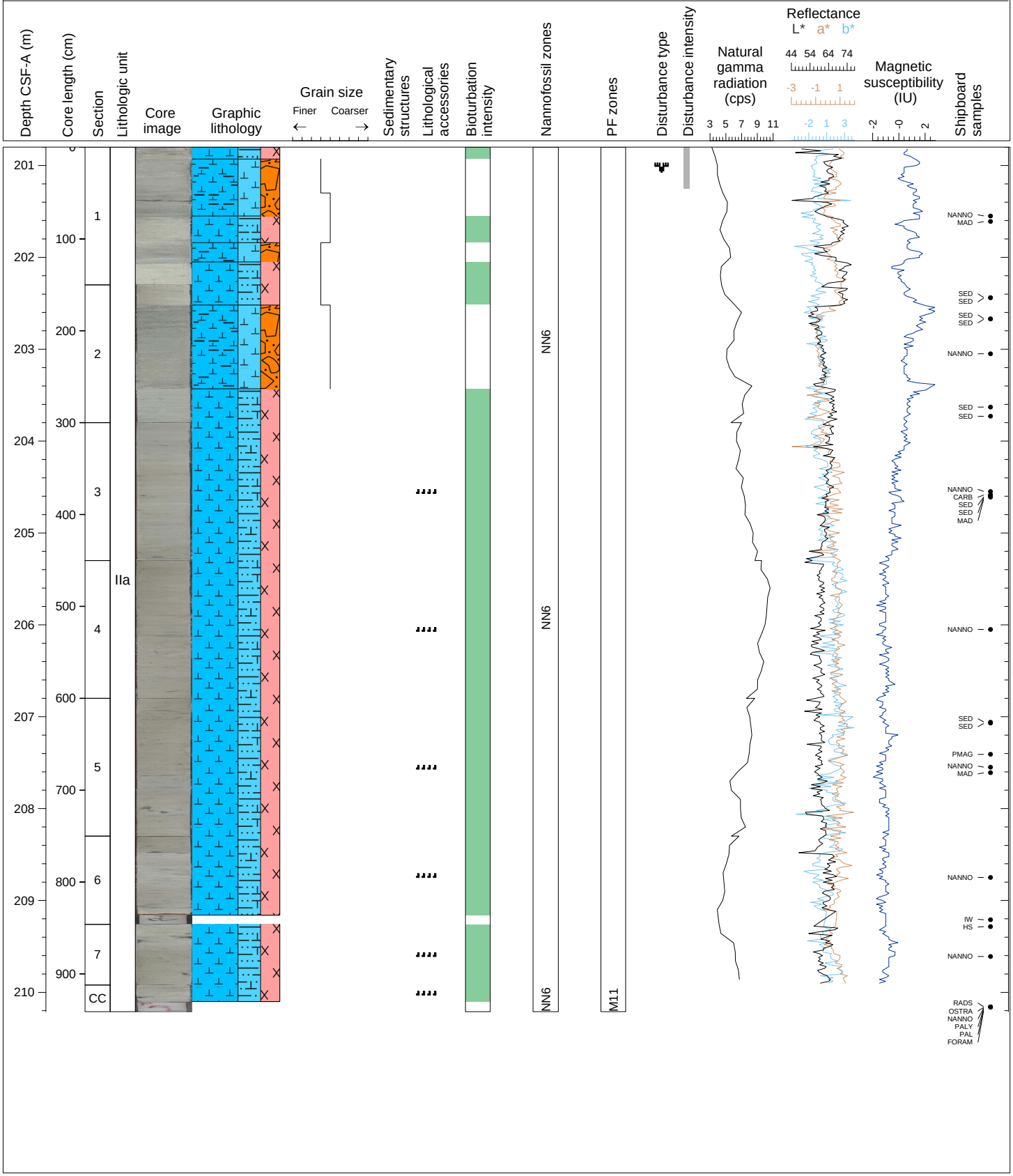
Hole 371-U1508A Core 22H, Interval 191.3-201.39 m (CSF-A)

U1508A-22H is comprised of a light greenish gray nannofossil ooze with sponge spicules. Small pyritic blebs are observed throughout the core. Sections 5, 6, 7, and CC are severely disturbed by basal flow-in.



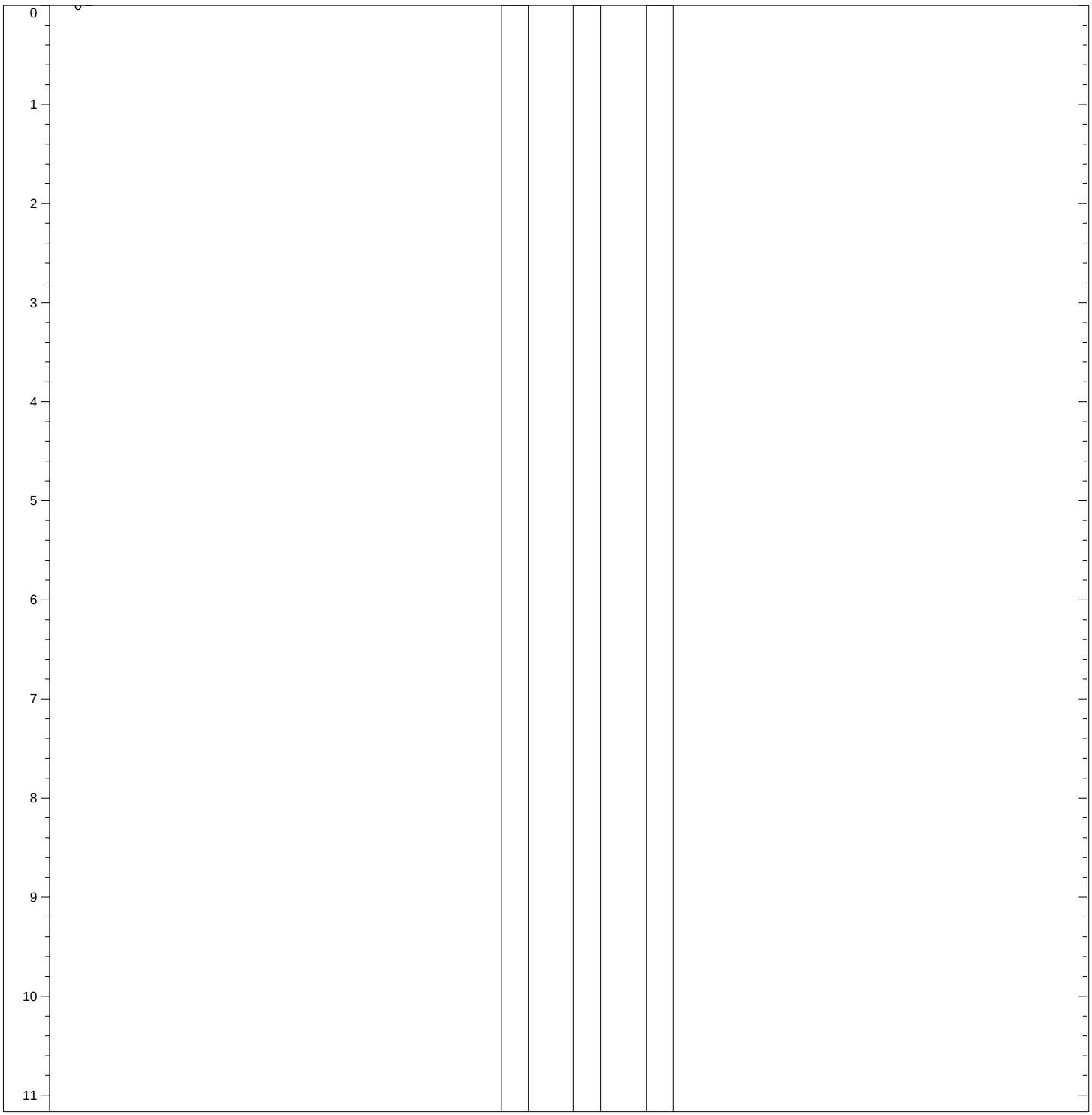
Hole 371-U1508A Core 23H, Interval 200.8-210.21 m (CSF-A)

U1508A-23H is mainly composed of a light greenish gray foraminiferal nannofossil ooze with sponge spicule. Small pyritic blubs are observed. At Section 1 and 2, medium beds, fining upward nanfofossil rich foraminiferal ooze with sponge spicule and lithics are present. Main lithics are probably chlorite and biotite.



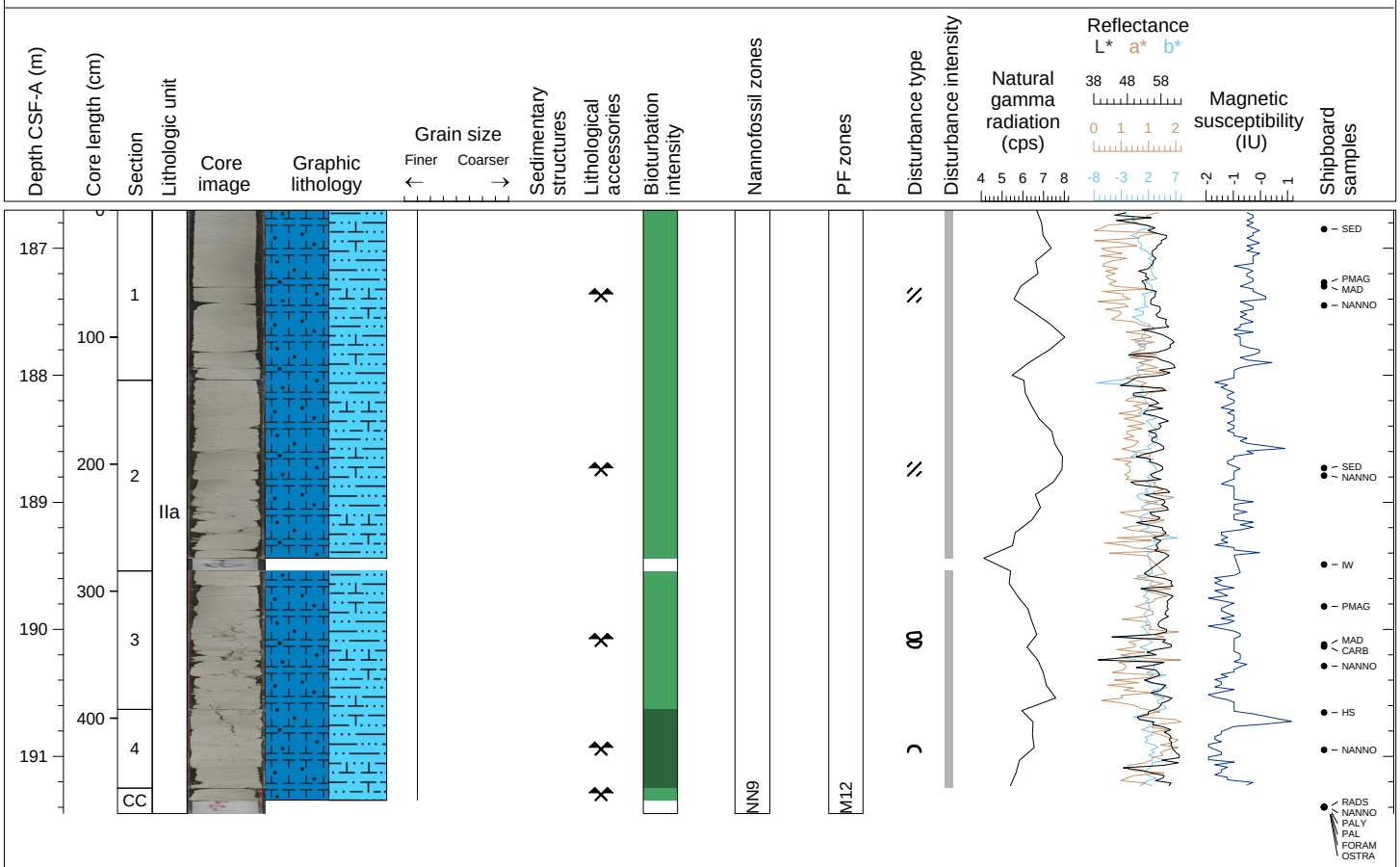
Hole 371-U1508B Core 11, Interval 0.0-186.7 m (CSF-A)

Drilled interval



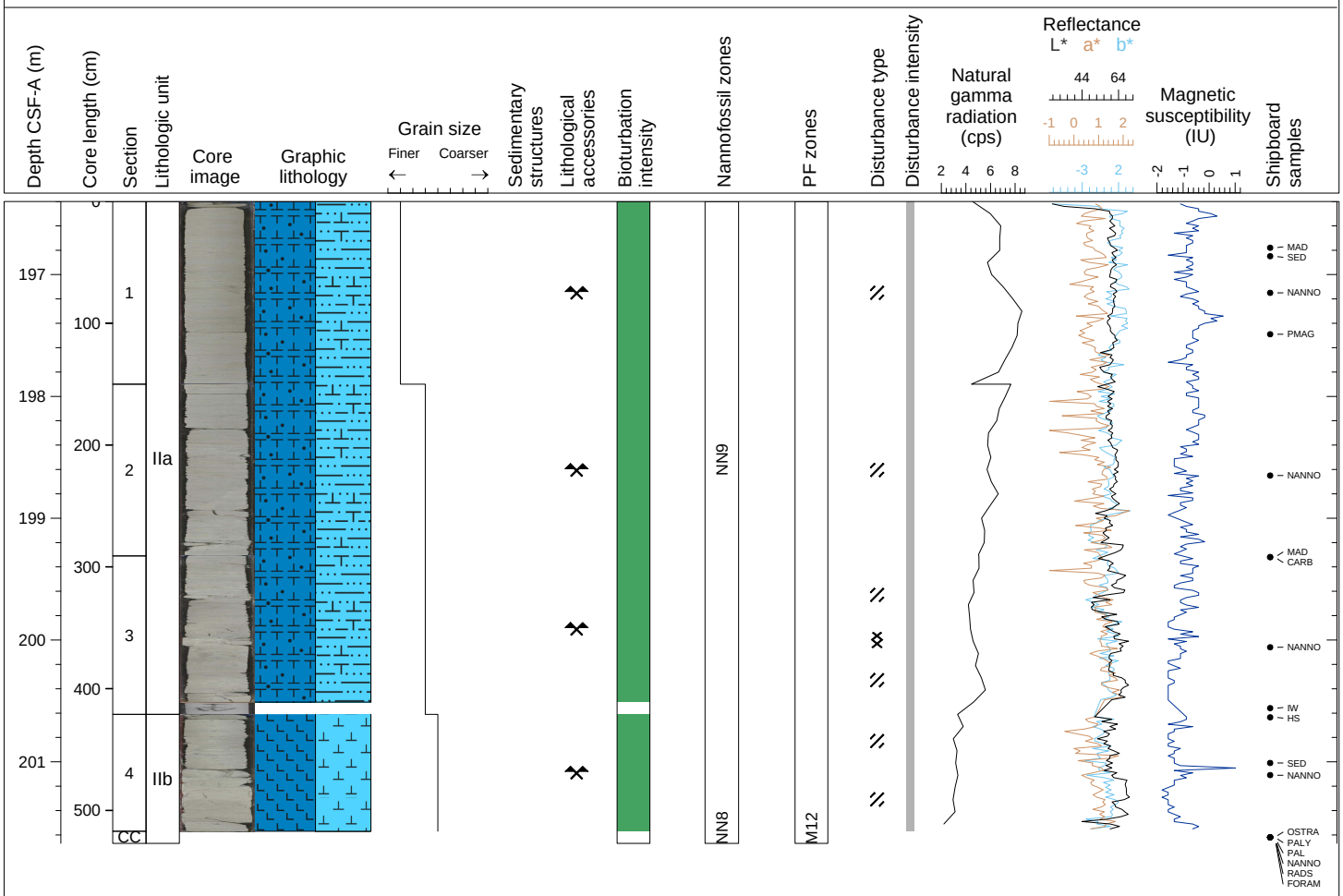
Hole 371-U1508B Core 2R, Interval 186.7-191.45 m (CSF-A)

Core U1508B-2R consists of a light greenish grey (GLEY 1 7/5GY) foraminiferal nannofossil chalk. Sponge spicules are found in rare abunance and clay are found in trace amounts. The sediments are moderately bioturbated. Biscuiting of the sediments due to drilling disturbance is evident in sections 2 through 4. Faint very thin (1-3 cm) bedding is observed by very subtle color changes.



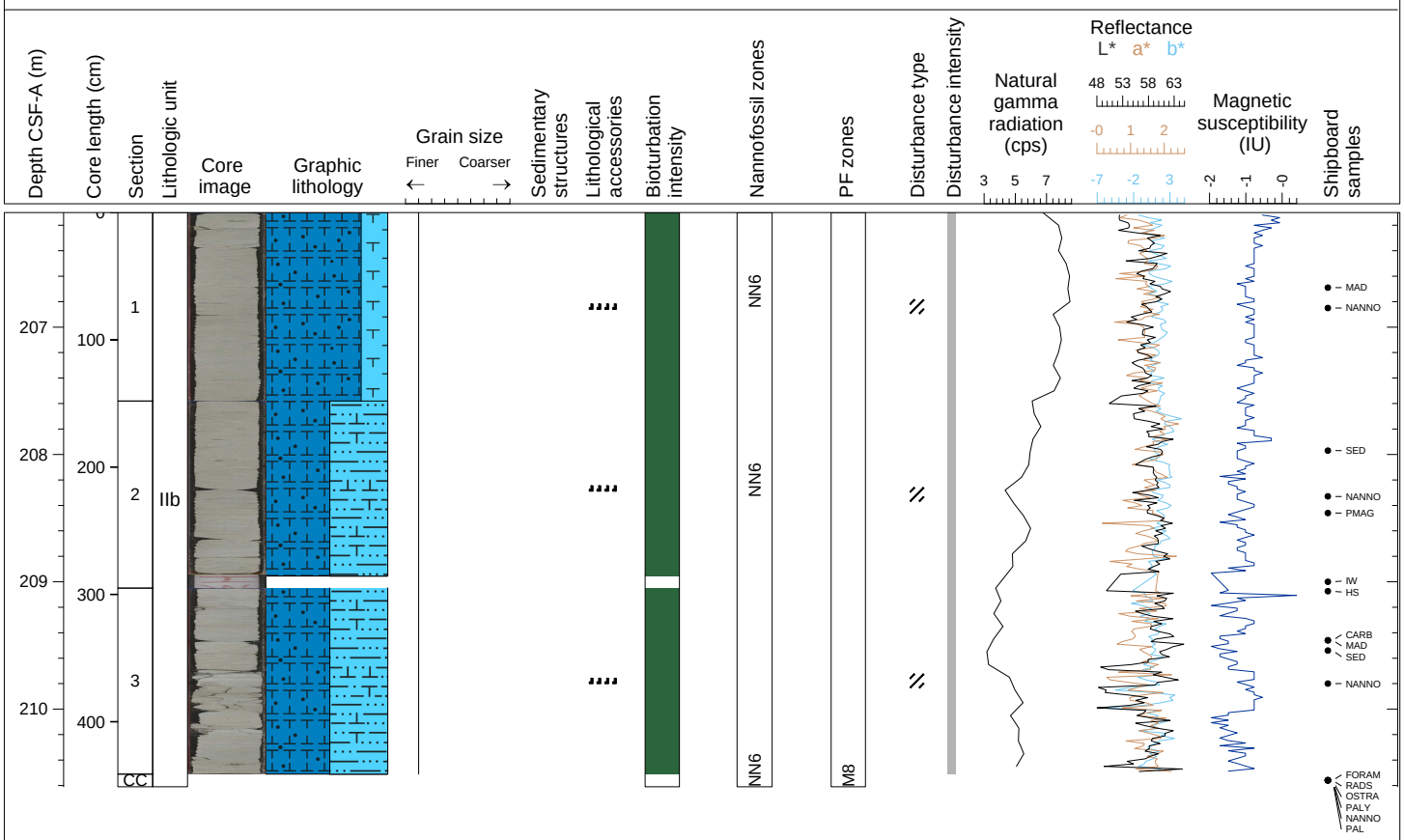
Hole 371-U1508B Core 3R, Interval 196.4-201.67 m (CSF-A)

Core U1508B-3R consists of a light greenish grey (GLEY 1 7/5GY) foraminiferal nannofossil chalk in sections 1 through 3 and a nannofossil foraminiferal chalk in section 4. Possible rare fine sand-sized glauconite grains are observed throughout the core, especially in section 4.



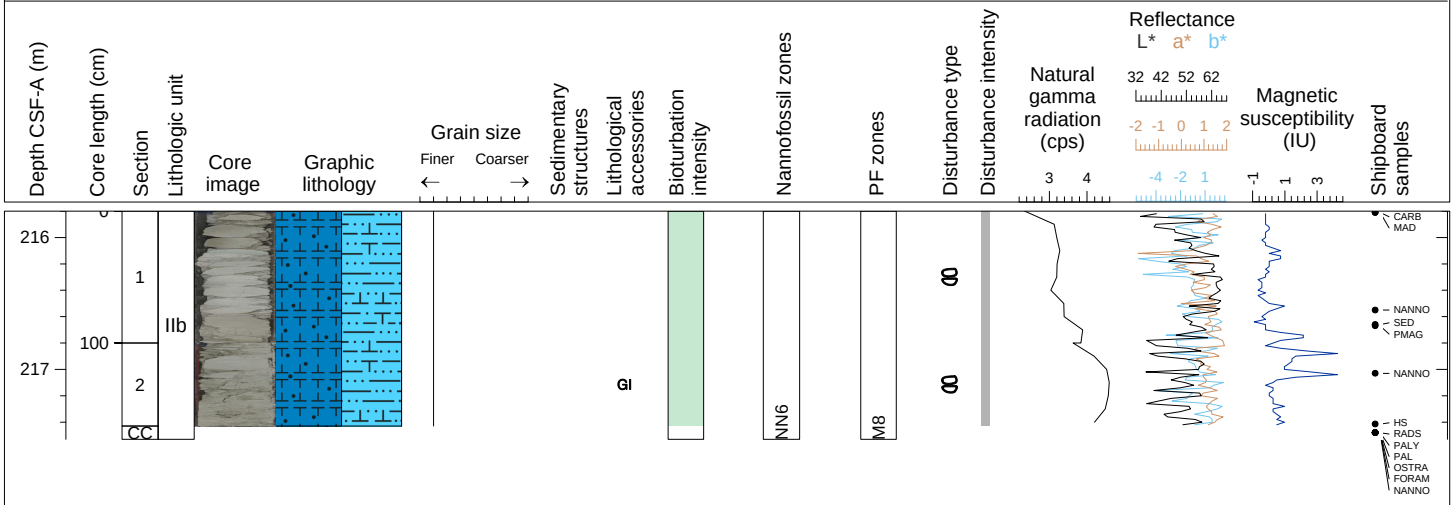
Hole 371-U1508B Core 4R, Interval 206.1-210.61 m (CSF-A)

Core U1508B 4R consists of a light greenish grey (GLEY 1 7/5GY) foraminiferal nannofossil chalk in section 1 and a nannofossil rich foraminiferal chalk in sections 2 and 3. Rare small dark blebs containing iron sulfide minerals are rarely seen throughout the core. Bioturbation is heavy, destroying most of the sedimentary structures. However, faint color banding is observed at the decimeter scale in section 3.



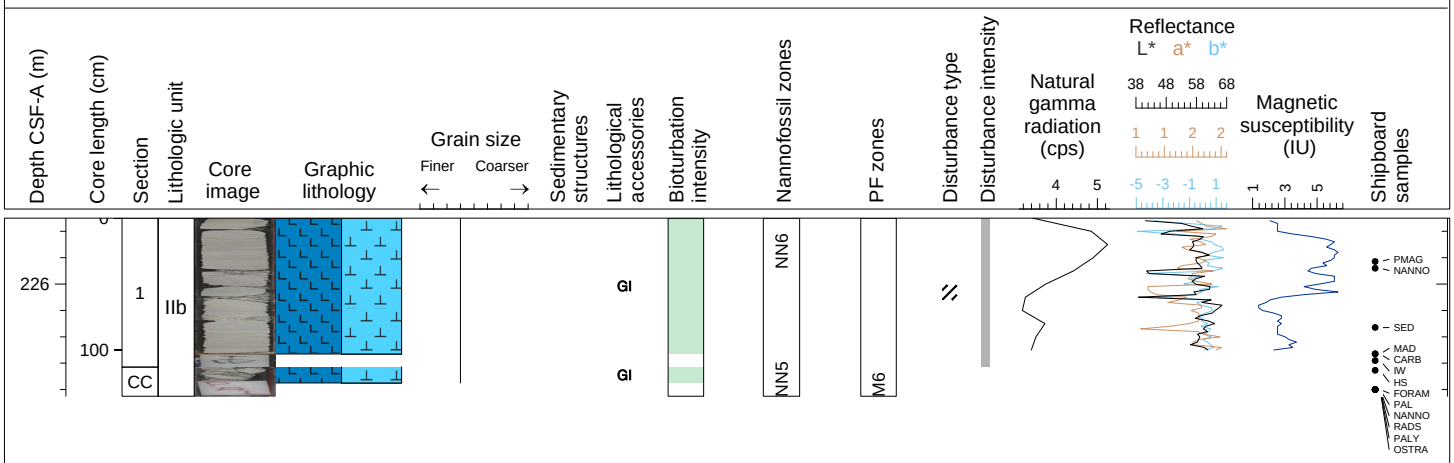
Hole 371-U1508B Core 5R, Interval 215.8-217.53 m (CSF-A)

Core U1508B-5R consists of dm-scale color banded white (8.5/N) to light greenish gray (GLEY1 7/10Y) foraminiferal nannofossil chalk. Bioturbation is sparse in the lighter color sediments and moderate in the darker sediments. In addition, pale green (GLEY 1 6/5G/2) mm-thick laminations sporadically occur in the lighter intervals.



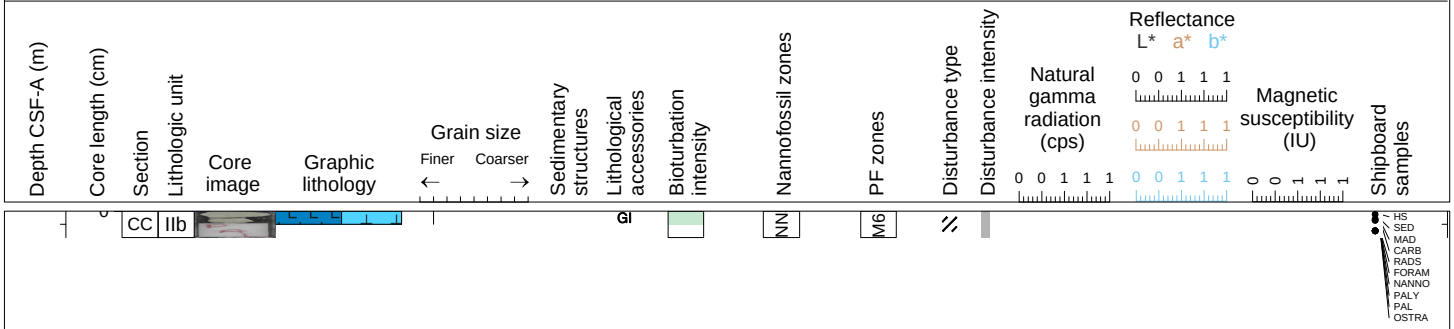
Hole 371-U1508B Core 6R, Interval 225.5-226.85 m (CSF-A)

Core U1508B-6R consists of color banded white (8.5/N) to light greenish gray (GLEY1 7/10Y) nannofossil-rich foraminiferal chalk. Foraminifers are sand-sized and possible glauconite grains are observed. Bioturbation is sparse in the lighter color sediments and moderate in the darker sediments.



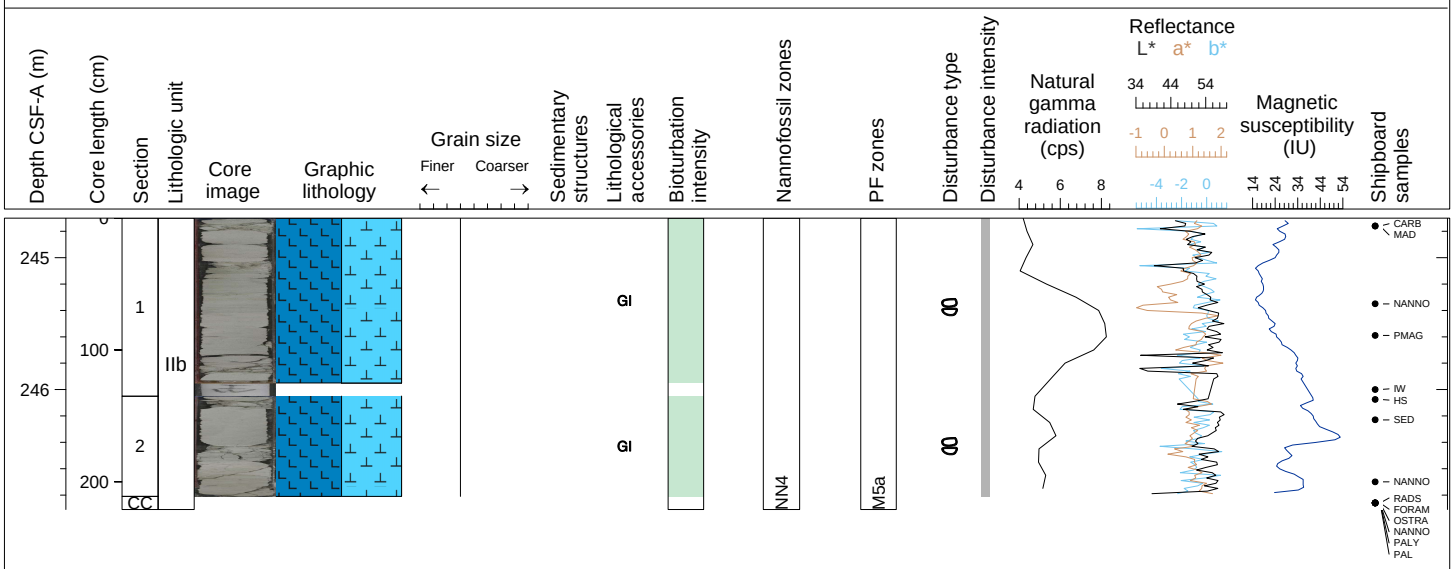
Hole 371-U1508B Core 7R, Interval 235.1-235.3 m (CSF-A)

Core U1508B-7R is a restricted light greenish gray (GLEY1 7/10Y) nannofossil-rich foraminiferal chalk. Foraminifers are sand-sized (fine to medium-grained) and possible glauconite and silicate minerals are observed.

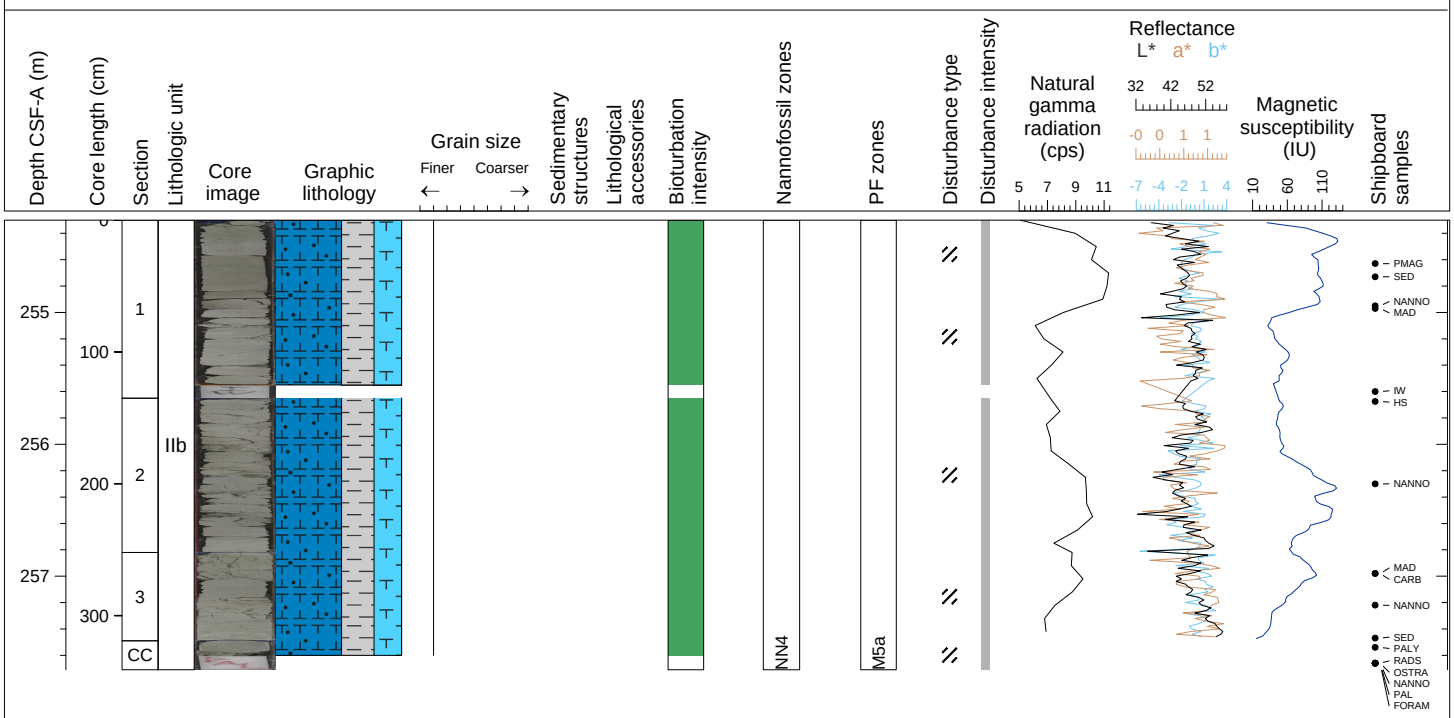


Hole 371-U1508B Core 8R, Interval 244.7-246.91 m (CSF-A)

Core U1508B-8R is a light greenish gray (GLEY1 7/10Y) nannofossil-rich foraminiferal chalk. Foraminifers are sand-sized (fine-grained) and possible glauconite and silicate minerals are observed.

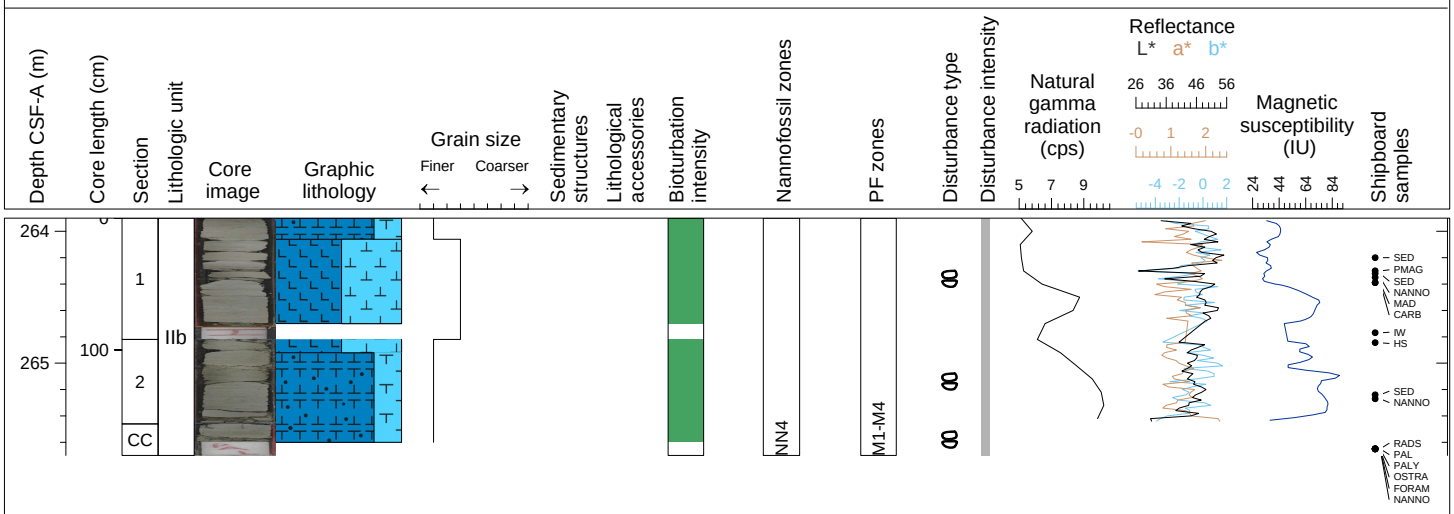


Hole 371-U1508B Core 9R, Interval 254.3-257.71 m (CSF-A)



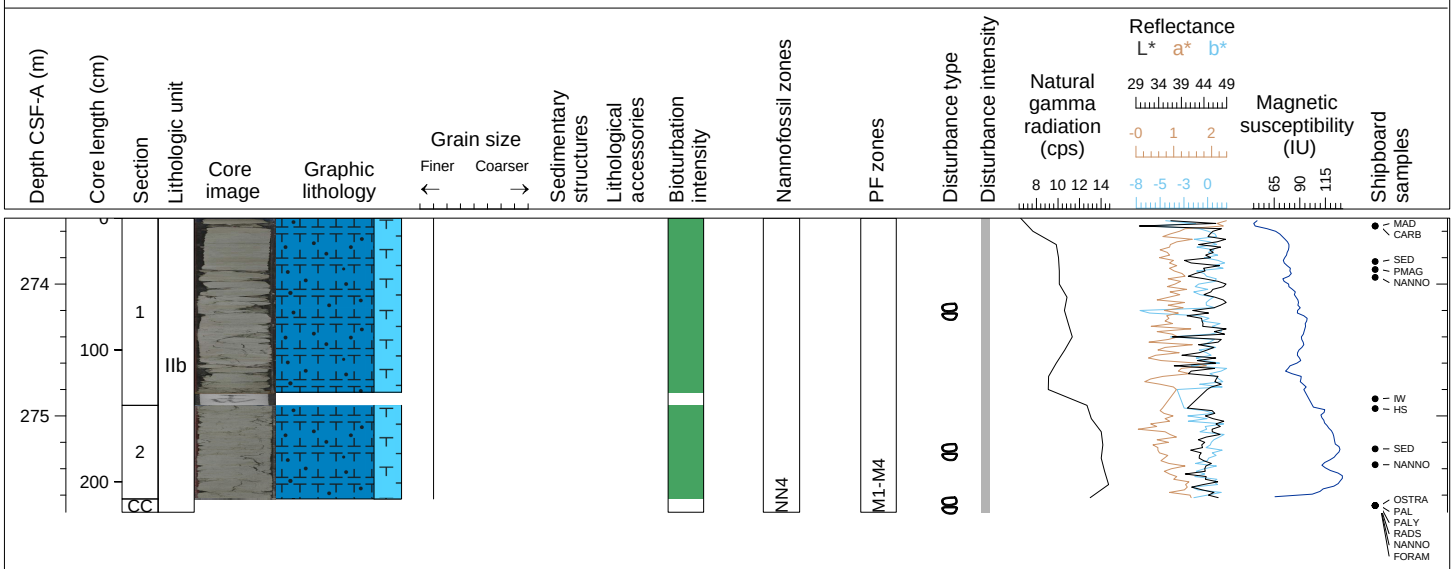
Hole 371-U1508B Core 10R, Interval 263.9-265.7 m (CSF-A)

Core U1508B-10R is a light greenish gray (GLEY1 7/10Y) nannofossil-rich foraminiferal chalk. Foraminifers are sand-sized (fine-grained). At Section 1, decimeter-scale nannofossil-rich foraminiferal chalk fine-grained



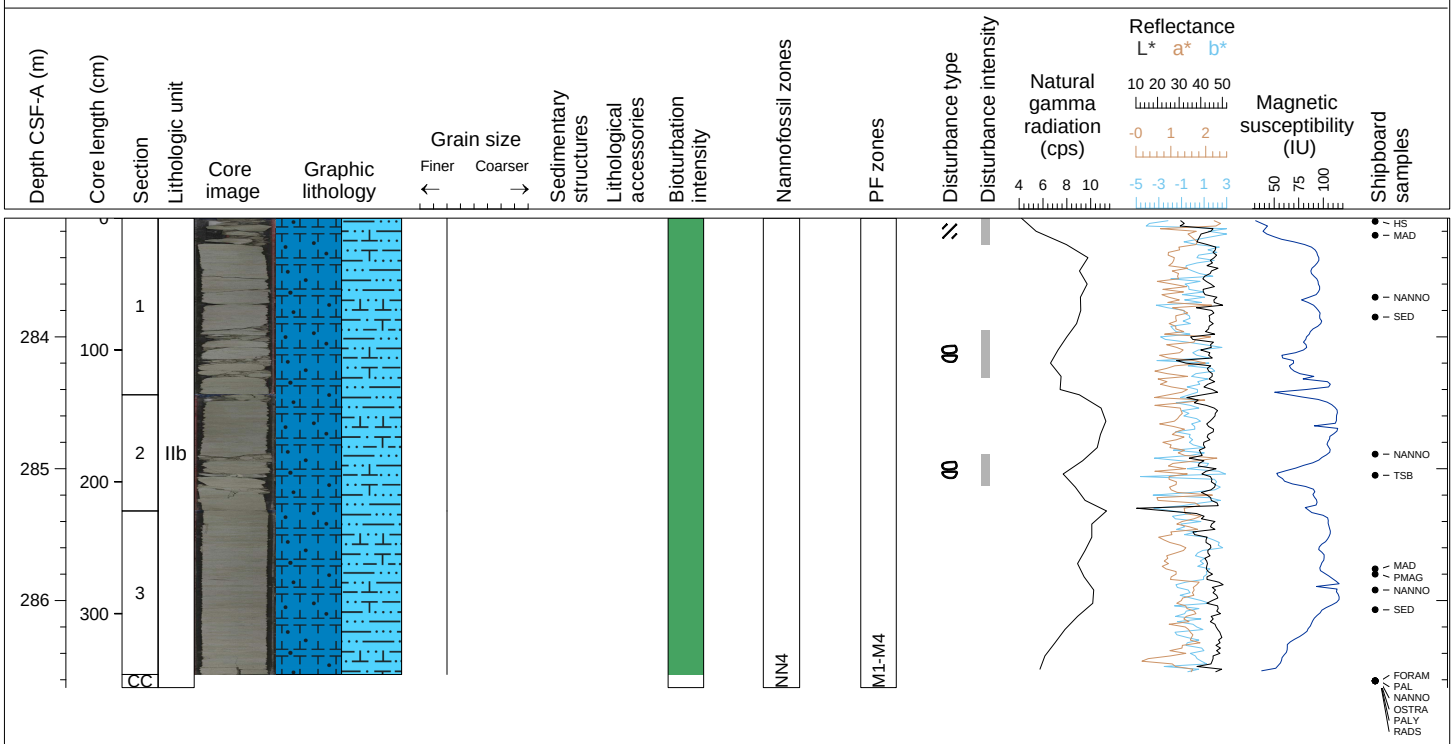
Hole 371-U1508B Core 11R, Interval 273.5-275.73 m (CSF-A)

Core U1508B-11R is a light greenish gray (GLEY1 7/10Y) nannofossil-rich foraminiferal chalk. Core is several biscuited by drilling disturbance



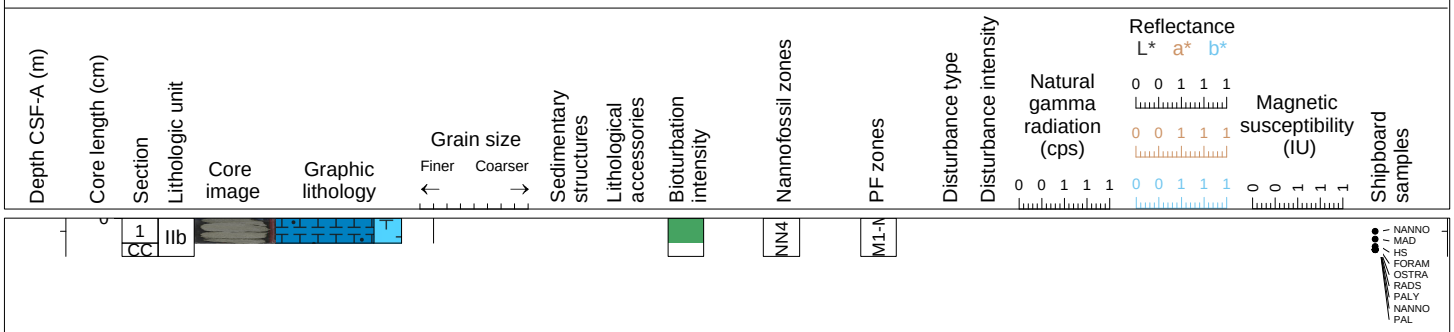
Hole 371-U1508B Core 12R, Interval 283.1-286.66 m (CSF-A)

Core U1508B-12R is a light greenish gray (GLEY1 7/10Y) nannofossil-rich foraminiferal chalk. At Section 2, ~60cm, presence of chert nodule ?



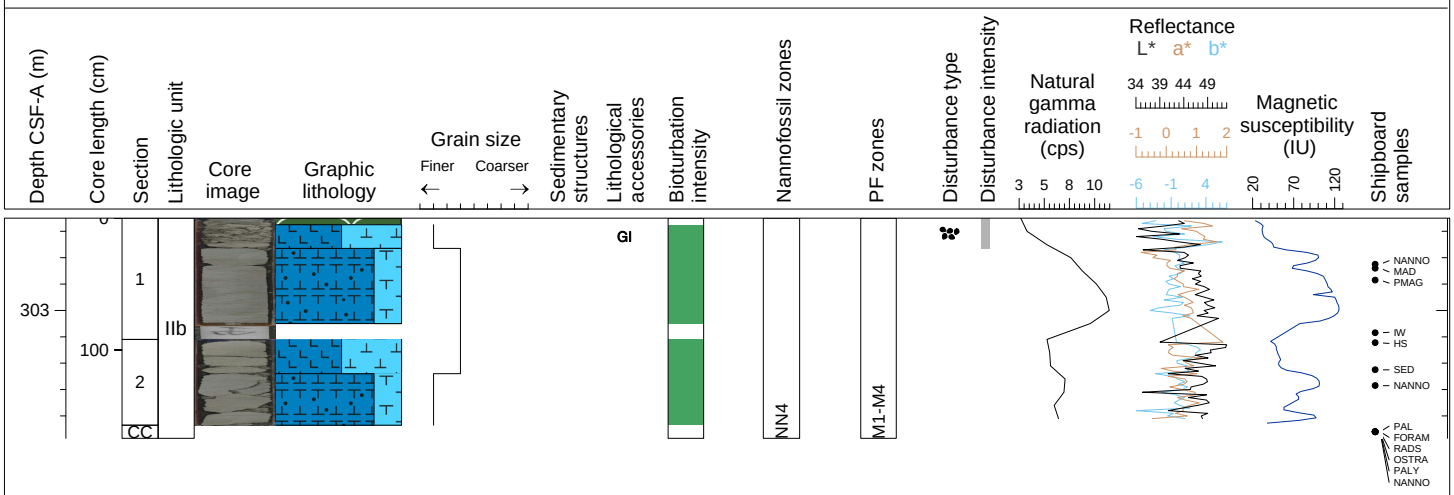
Hole 371-U1508B Core 13R, Interval 292.7-292.99 m (CSF-A)

Core U1508B-13R is a light greenish gray (GLEY1 7/10Y) nannofossil-rich foraminiferal chalk. Core is poorly preserved (3 % recovery)



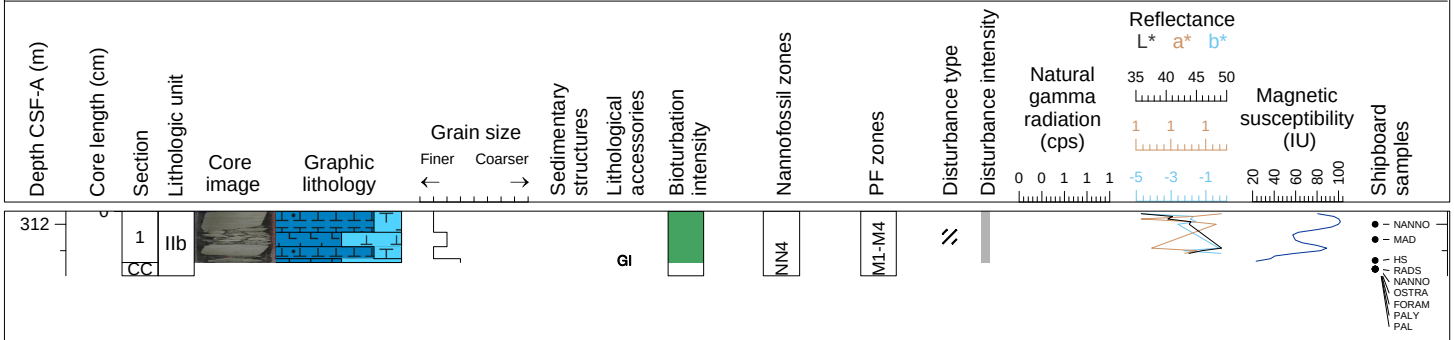
Hole 371-U1508B Core 14R, Interval 302.3-303.97 m (CSF-A)

U1508B-14R is light greenish gray (GLEY 1 7/10Y) nannofossil chalk with foraminifers alternating on decimeter scale with a coarser grained (fine sand) nannofossil-rich foraminiferal chalk. The top 23 cm is fall-in and contains a 5-cm chert nodule at the top.



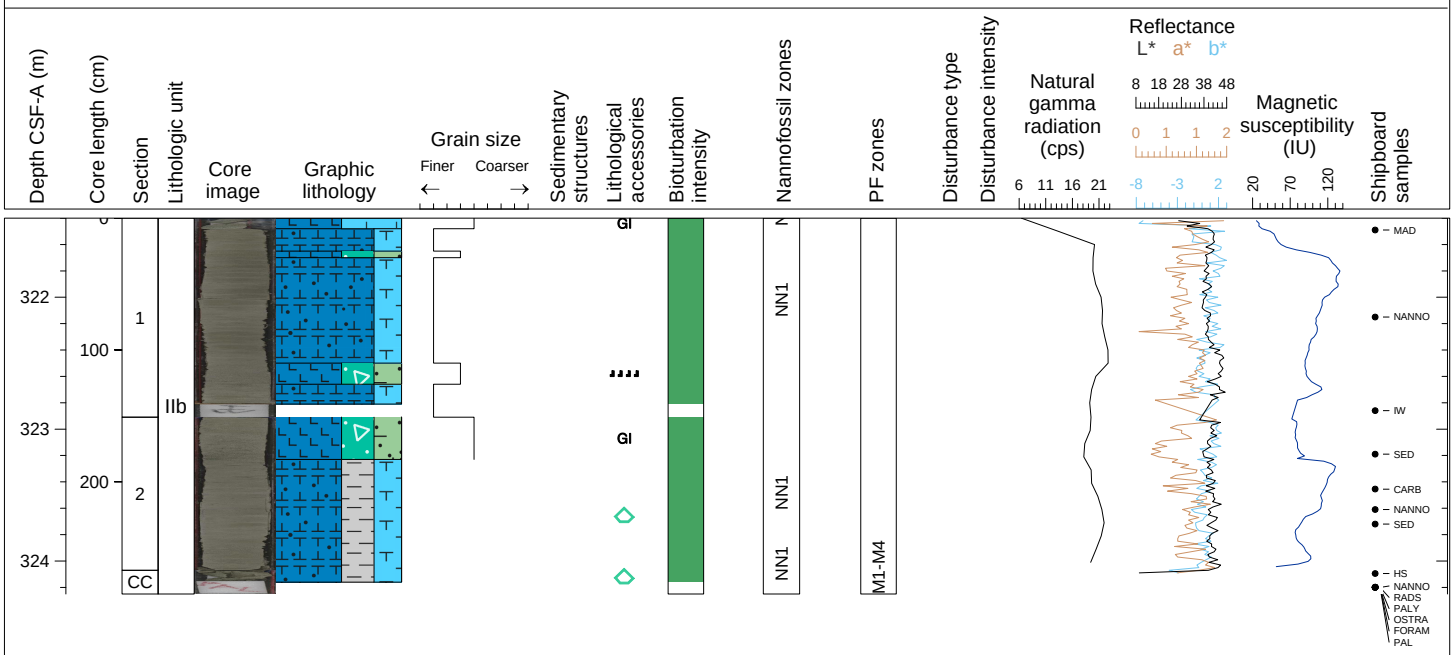
Hole 371-U1508B Core 15R, Interval 311.9-312.39 m (CSF-A)

U1508B-15R is light greenish gray (GLEY 1 7/10Y) nannofossil chalk with foraminifers alternating on decimeter scale with a coarser grained (fine sand) nannofossil-rich foraminiferal chalk.



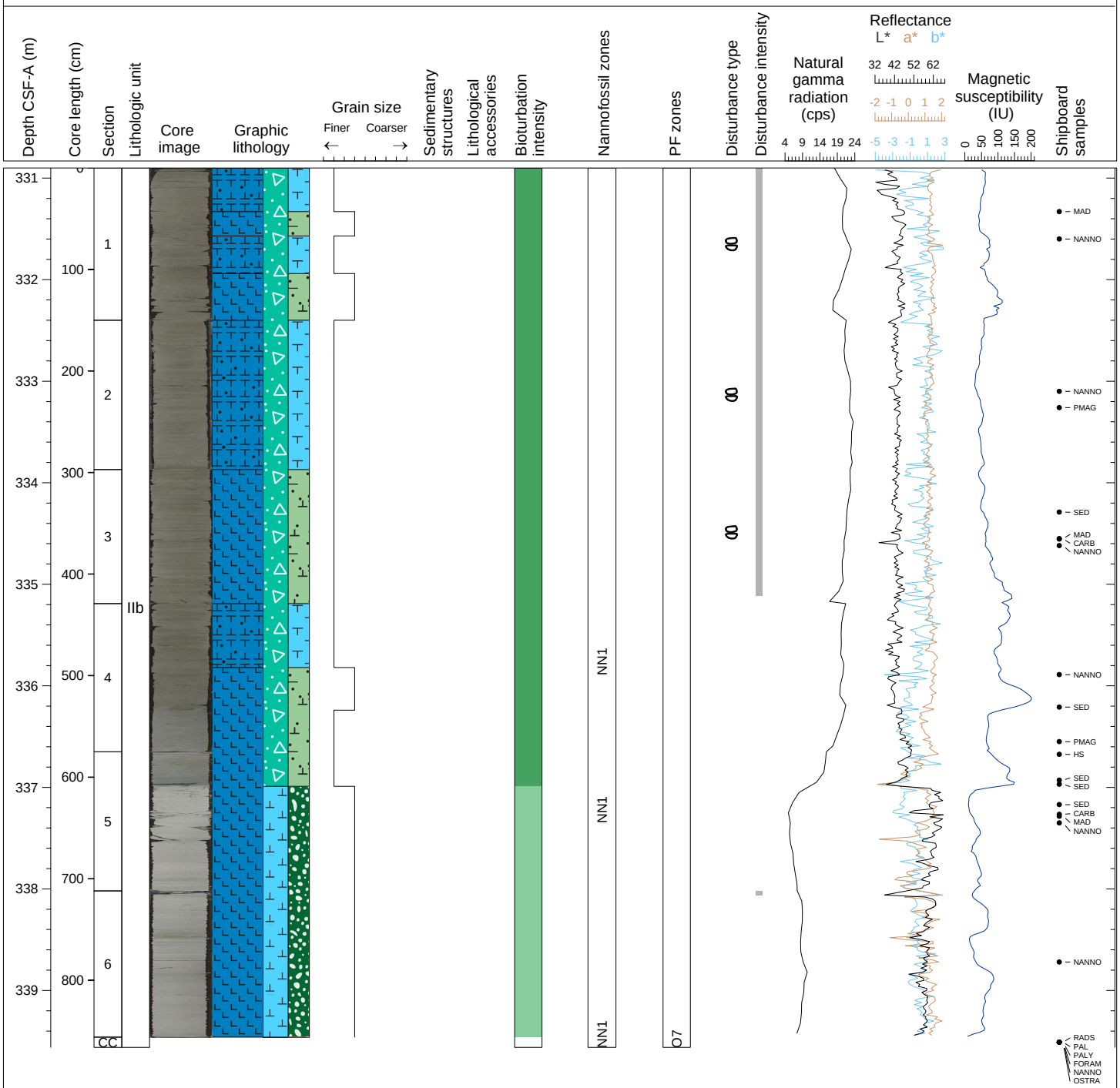
Hole 371-U1508B Core 16R, Interval 321.4-324.25 m (CSF-A)

U1508B-16R is light greenish gray (GLEY 1 5/10Y) nannofossil chalk with foraminifers alternating on decimeter scale with a medium grained, normal grading, nannofossil-rich foraminiferal chalk.



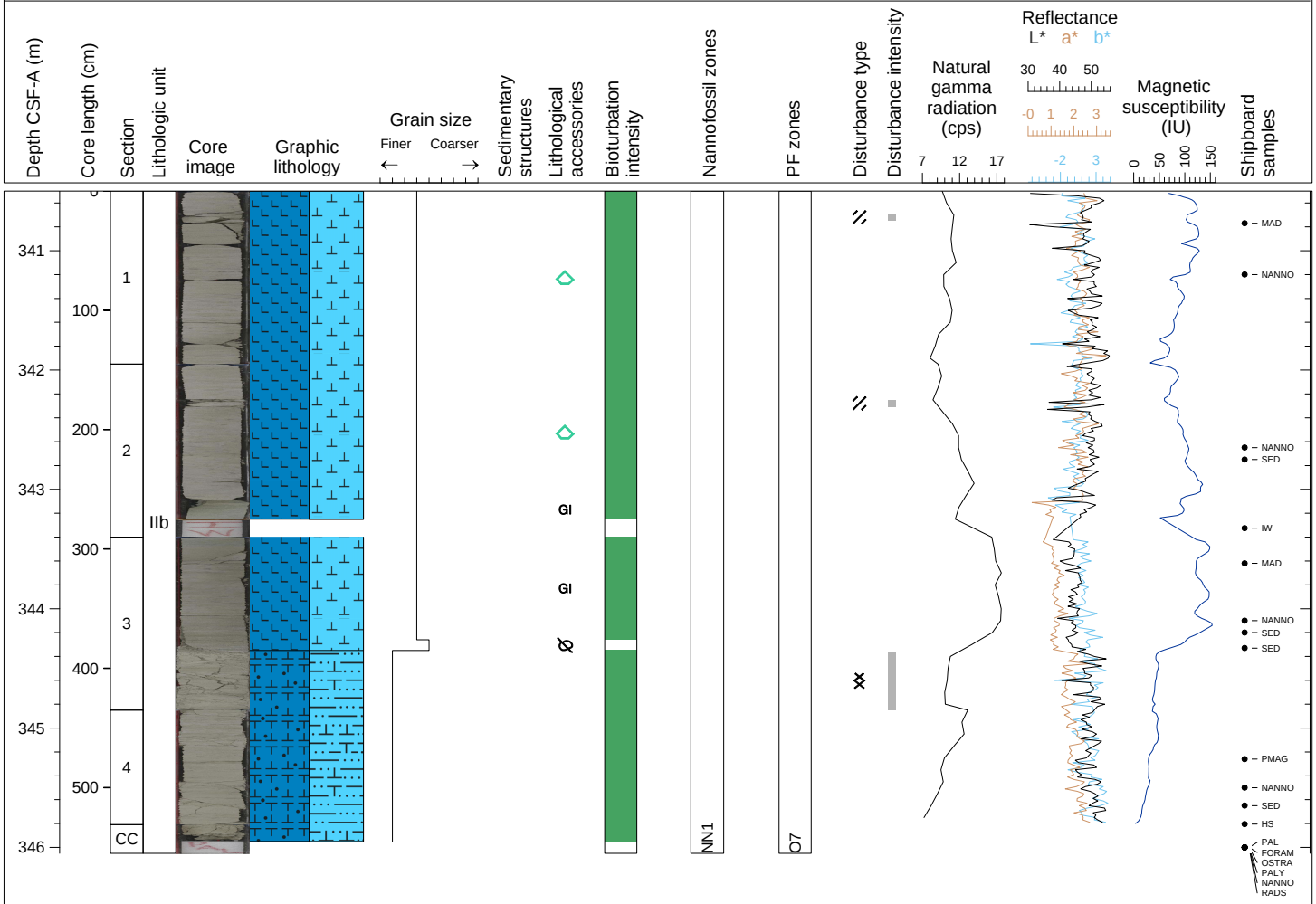
Hole 371-U1508B Core 17R, Interval 330.9-339.56 m (CSF-A)

U1508B-17R contains a facies boundary between light greenish gray alternating nannofossil chalk and foraminifer chalk (in the top 4 sections) and white nannofossil-rich foraminifer chalk with glauconite in the bottom 2 sections. Just above the boundary occurs a large dark green clast, and just below the boundary is moderately bioturbated with burrows in-filled with the overlying darker material. The white foraminiferal chalk contains abundant pale green laminae and faint color banding between white and light greenish gray.



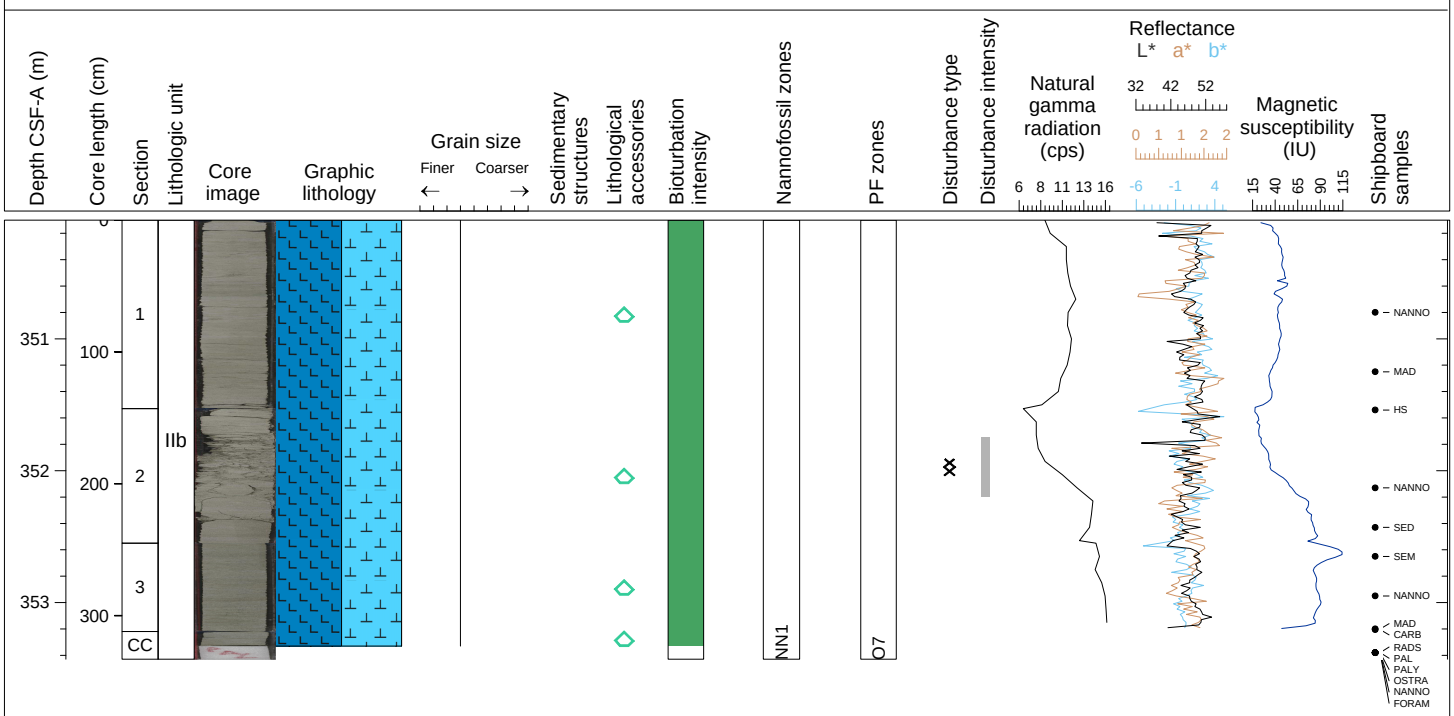
Hole 371-U1508B Core 18R, Interval 340.5-346.05 m (CSF-A)

U1508B-18R is greenish gray (GLEY 1 6/5GY), fine grained, nannofossil-rich foraminiferal chalk. At Section 3, a thin bed, medium grained, nanofossil-rich foraminiferal chalk with bioclast is present with a fining upward.



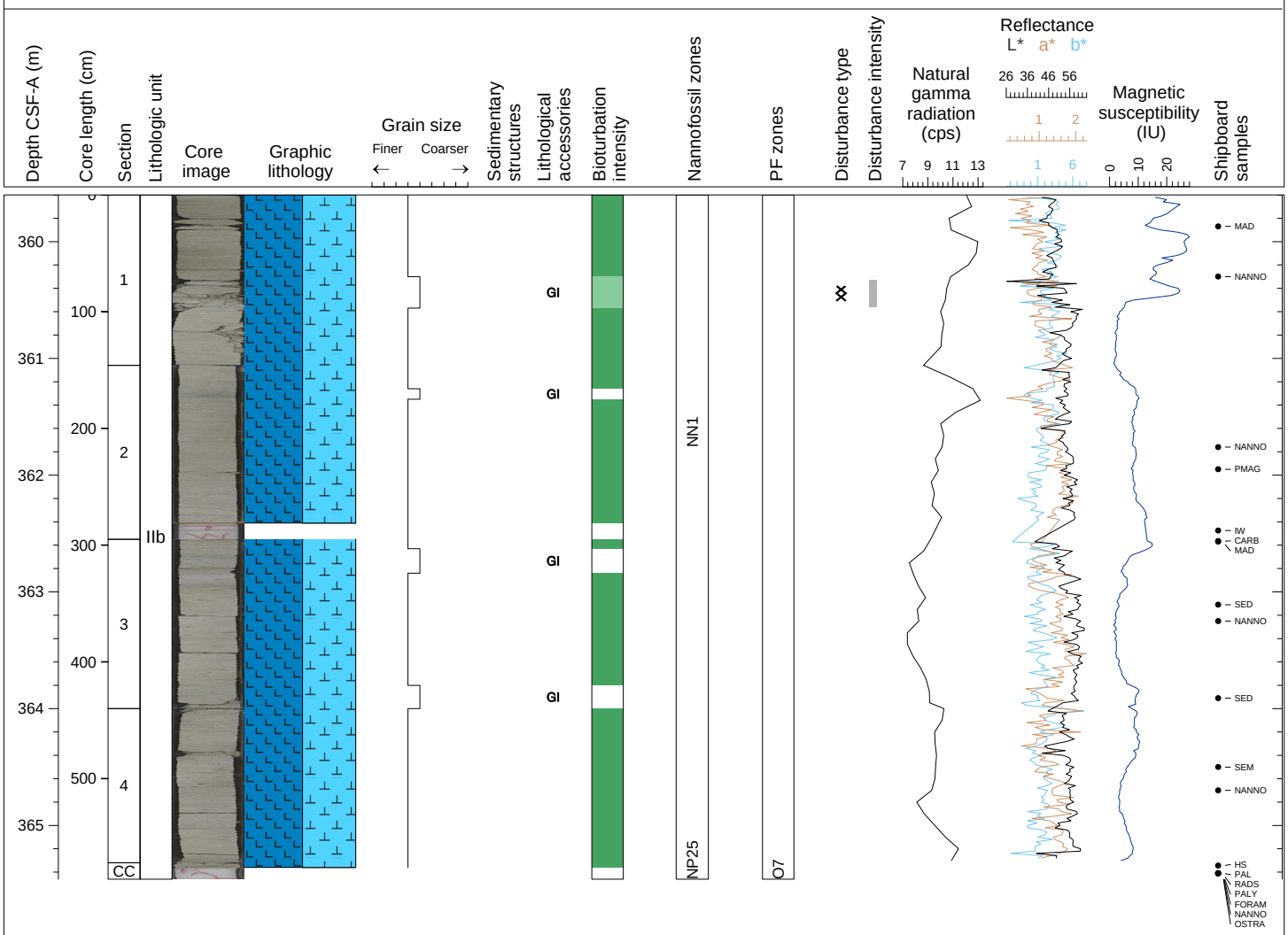
Hole 371-U1508B Core 19R, Interval 350.1-353.43 m (CSF-A)

U1508B-19R is a greenish-gray (GLEY 1 6/10Y) nannofossil-rich foraminiferal chalk. The second section is moderately brecciated by drilling disturbance. The entire core is moderately bioturbated.



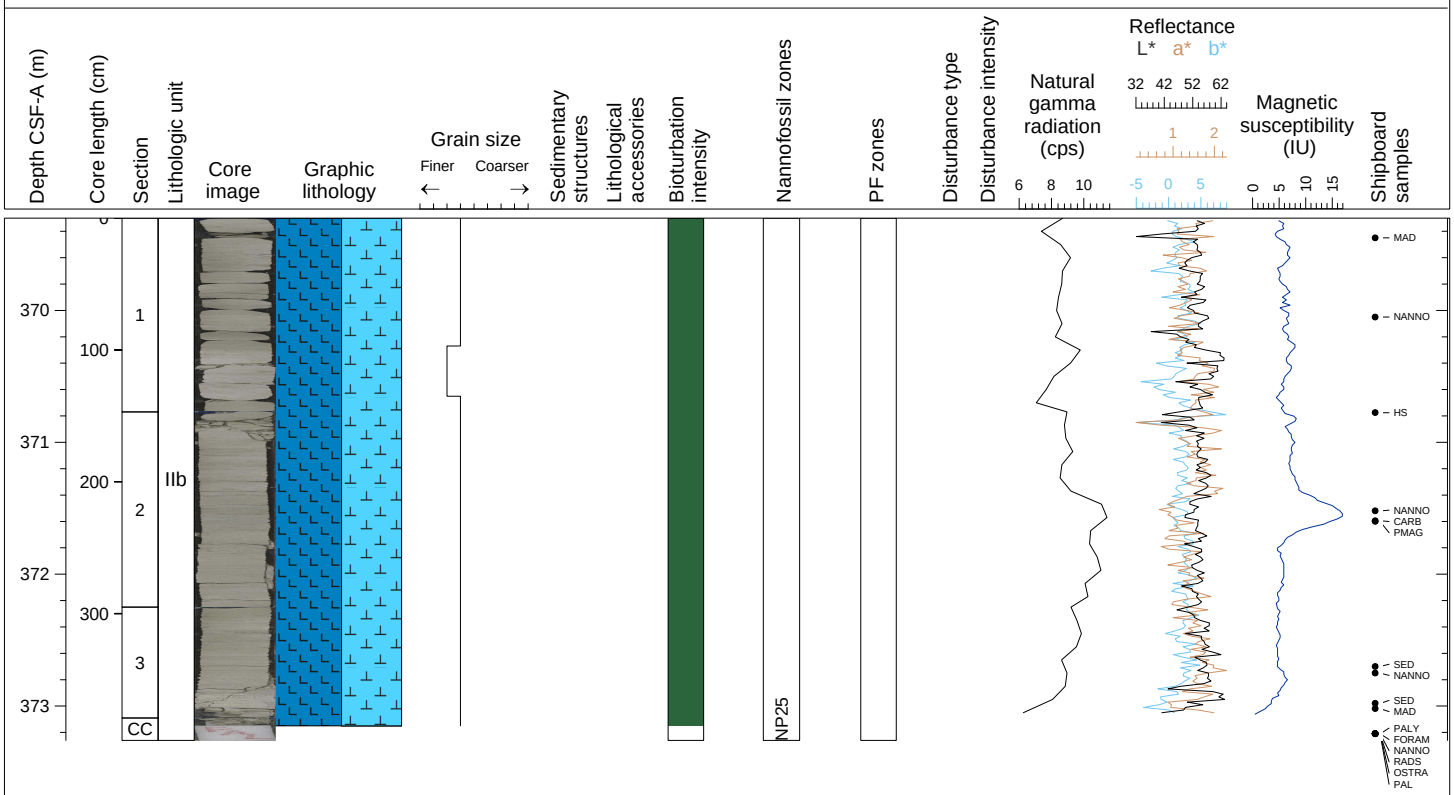
Hole 371-U1508B Core 20R, Interval 359.6-365.46 m (CSF-A)

U1508B-20R is a greenish-gray (GLEY 1 6/10Y), fine grained, nannofossil-rich foraminiferal chalk. Dm-scale, medium grained interval are observed throughout the core with uncertain or sharp to gradational bottom contact



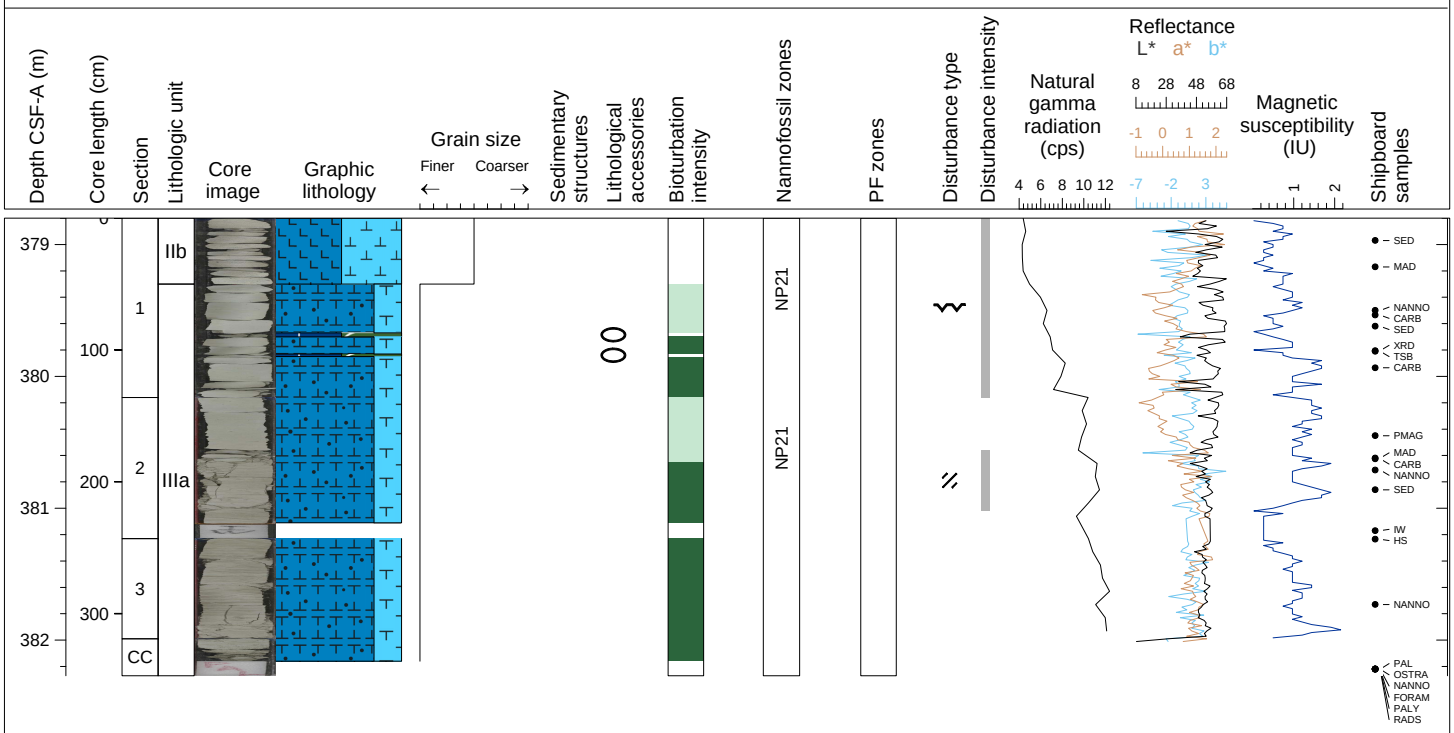
Hole 371-U1508B Core 21R, Interval 369.3-373.26 m (CSF-A)

U1508B-21R is a massive, greenish-gray (GLEY 1 6/10Y), fine grained, nannofossil-rich foraminiferal chalk.



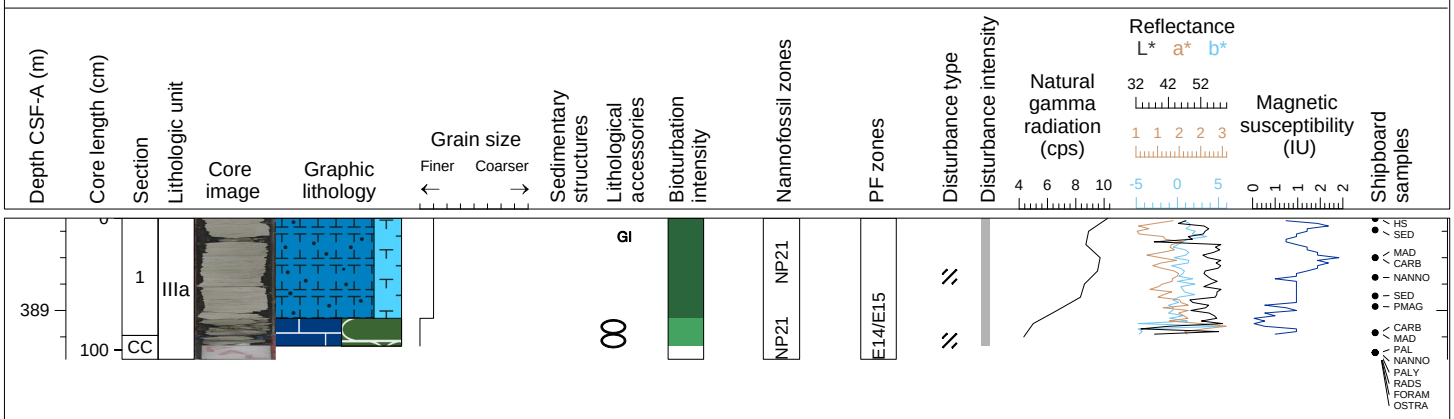
Hole 371-U1508B Core 22R, Interval 378.8-382.27 m (CSF-A)

U1508B-22R contains three mains lithologies. A white, medium grained, nannofossil-rich foraminiferal chalk is present in the first half of Section 1. A light greenish gray nannofossil chalk with foraminifers, sparsely bioturbated is observed in Section 1 and 2. This chalk features several ~3 cm-thick intervals of very hard silicified limestone. A light gray, nannofossil chalk with foraminifers, severely bioturbated composes Section 2, 3 and CC.



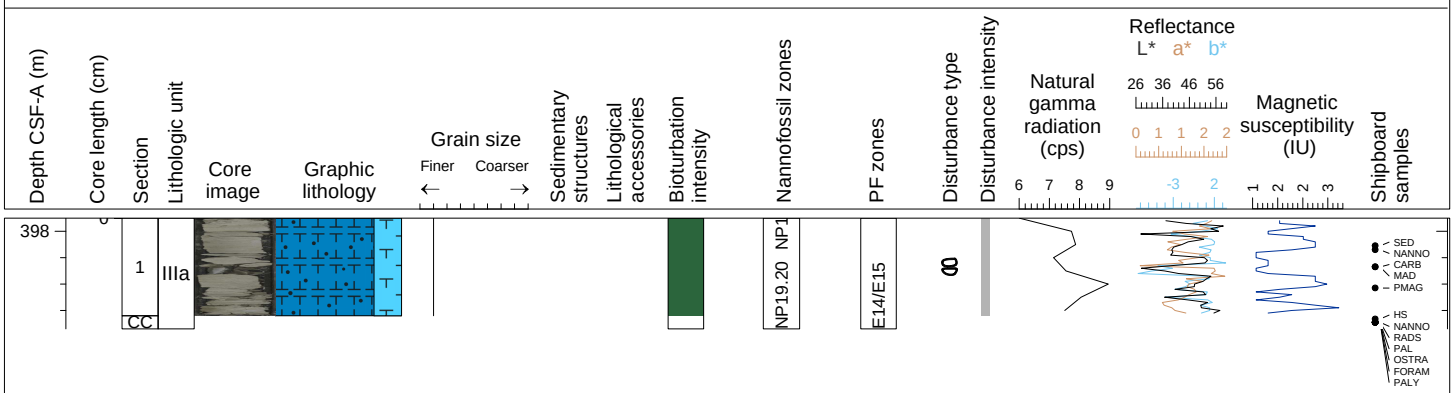
Hole 371-U1508B Core 23R, Interval 388.3-389.37 m (CSF-A)

U1508B-23R contains two major lithologies. A light greenish gray, nannofossil chalk with foraminifers is present till 75 cm of Section 1. This changes to a light gray limestone with silicified intervals down the core from 75cm onward.



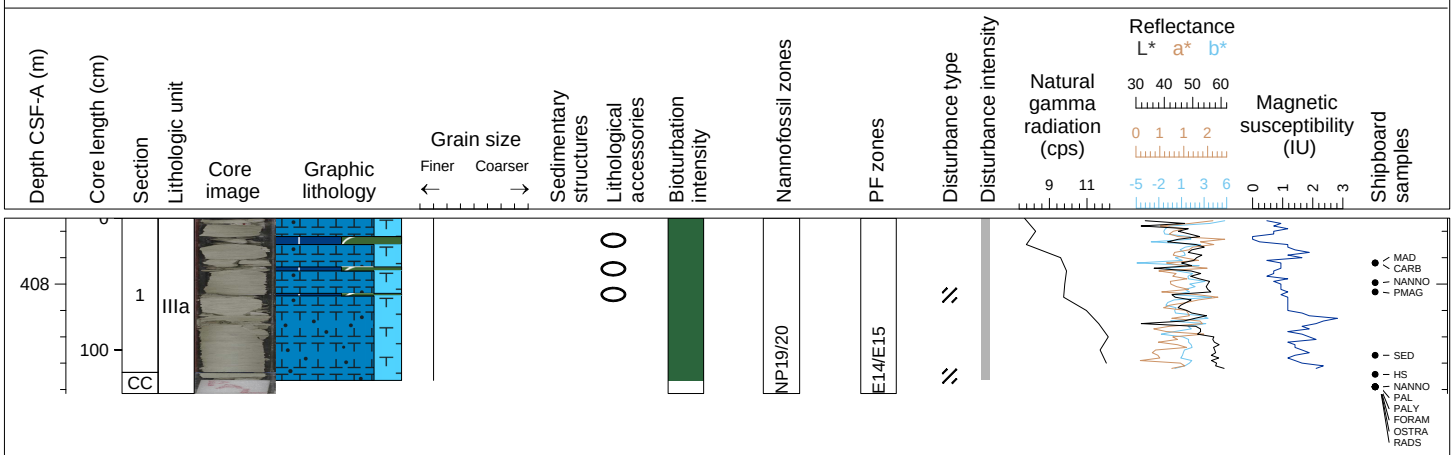
Hole 371-U1508B Core 24R, Interval 397.9-398.74 m (CSF-A)

U1508B-24R contains light greenish gray, nannofossil chalk with foraminifers with sporadically present silicified nodules of limestone.



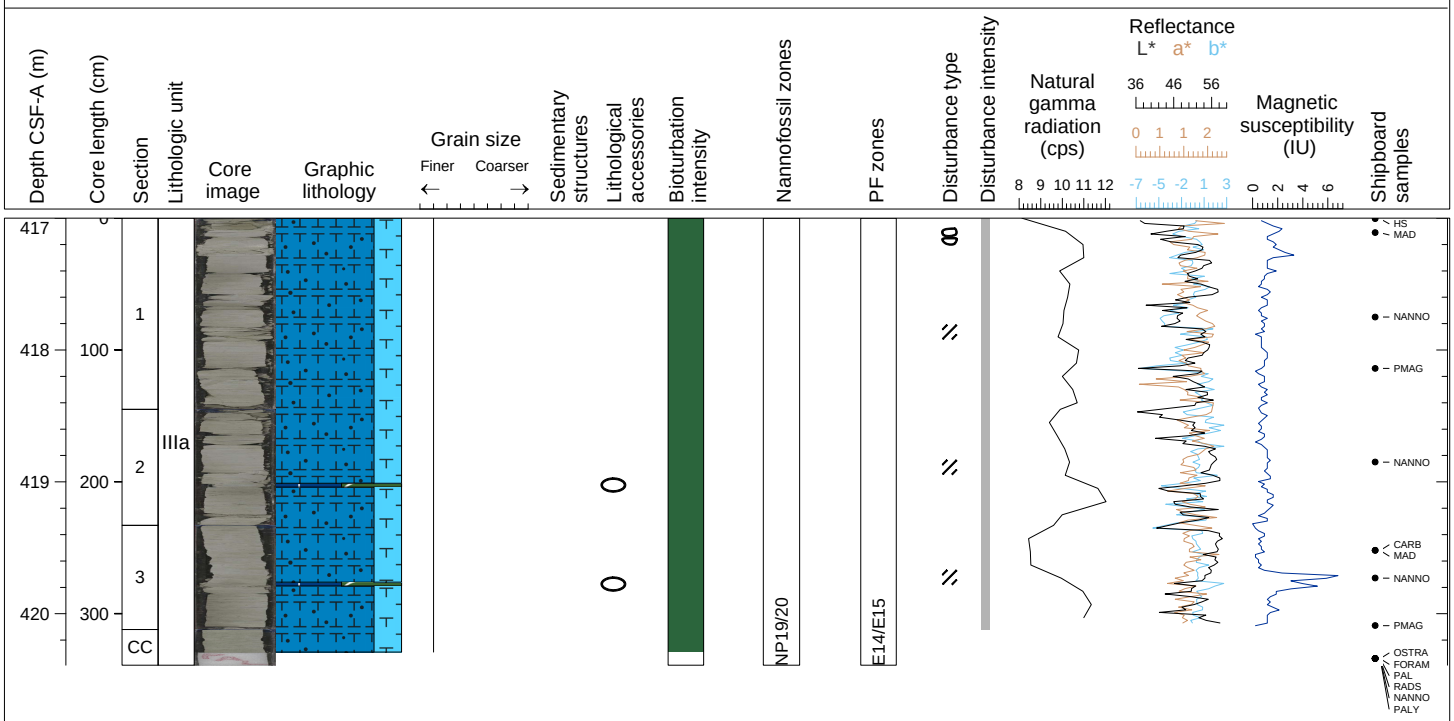
Hole 371-U1508B Core 25R, Interval 407.5-408.83 m (CSF-A)

U1508B-25R contains light greenish gray, nannofossil chalk with foraminifers with sporadically present silicified nodules of limestone.



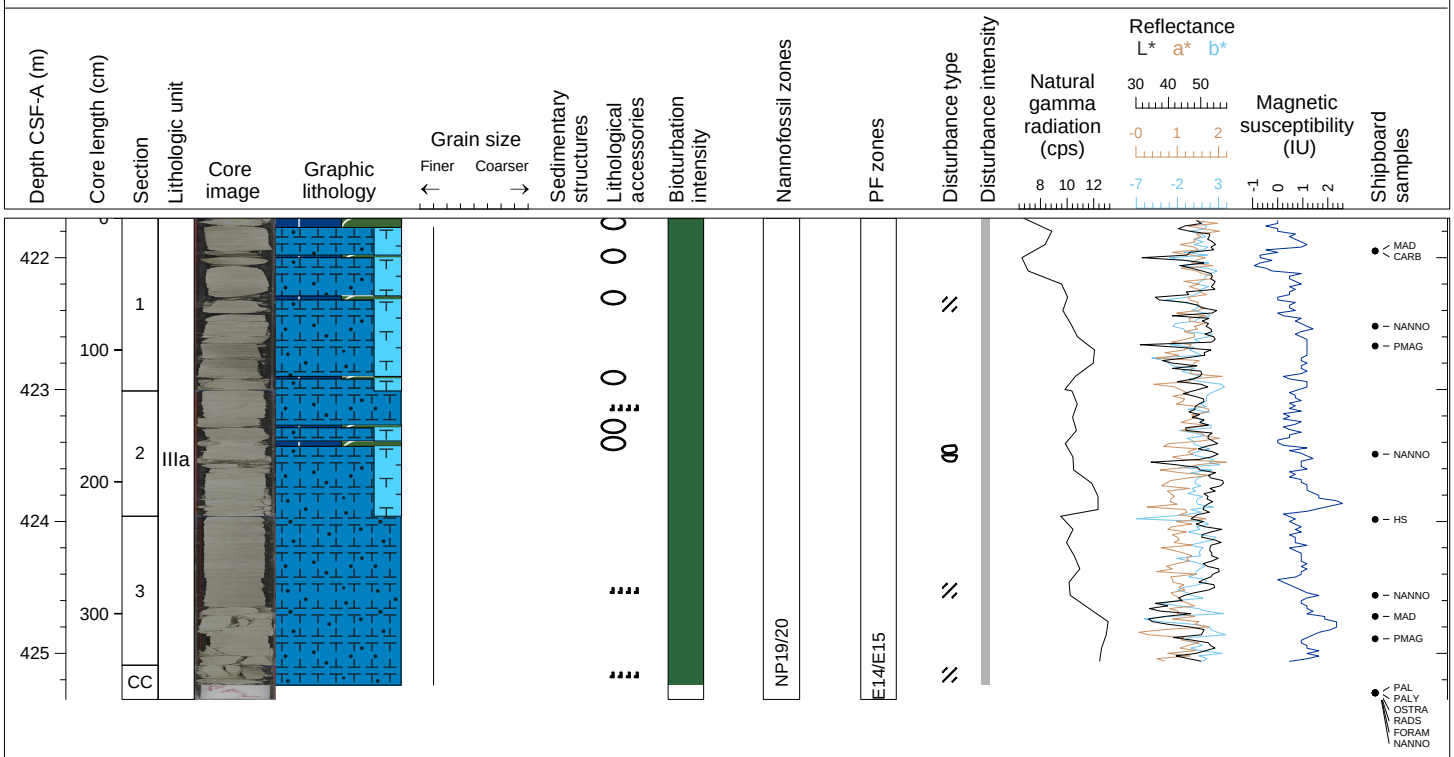
Hole 371-U1508B Core 26R, Interval 417.0-420.39 m (CSF-A)

U1508B-26R contains light greenish gray, nannofossil chalk with foraminifers with sporadically present silicified nodules of limestone.



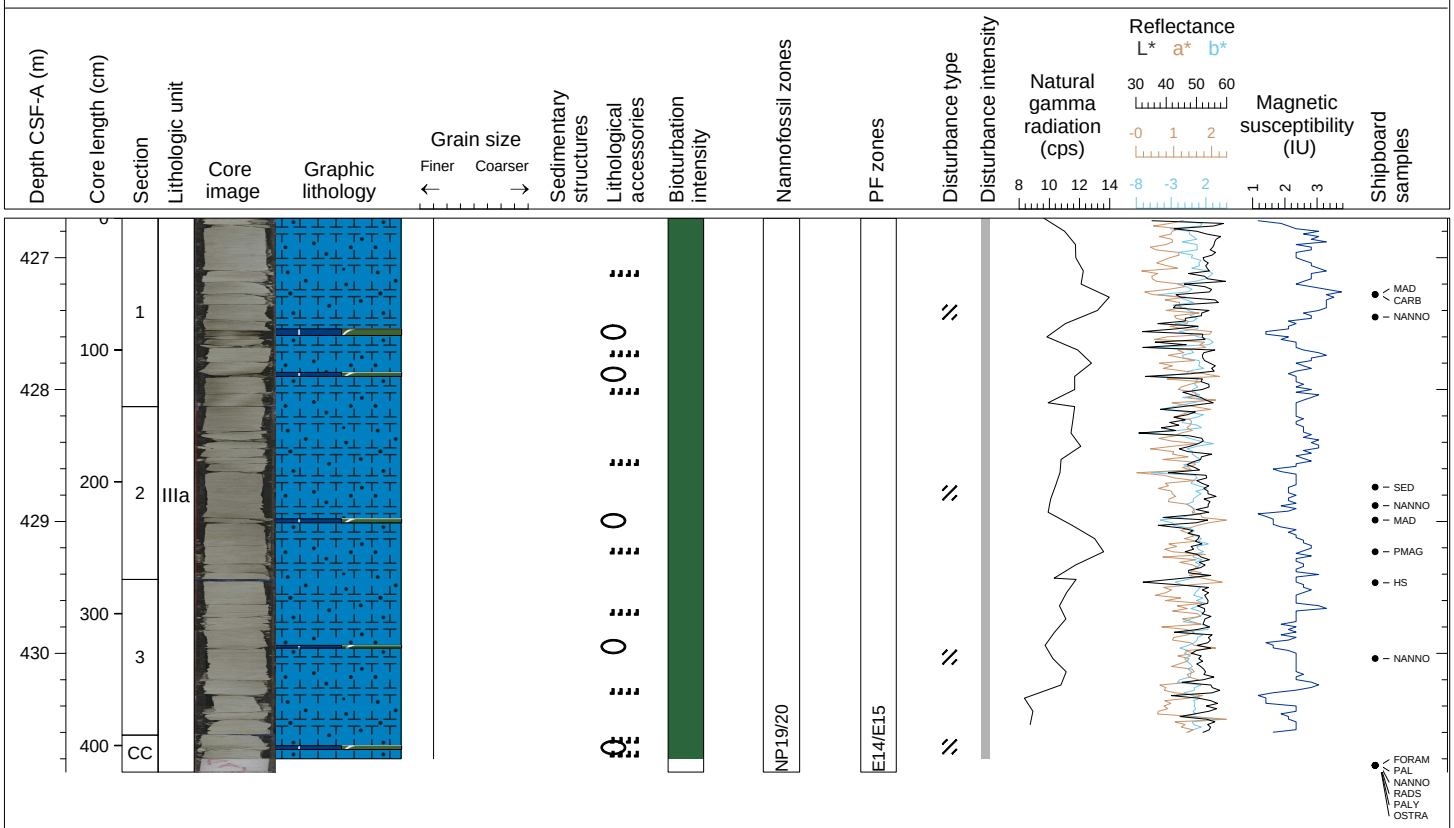
Hole 371-U1508B Core 27R, Interval 421.7-425.35 m (CSF-A)

U1508B-27R contains light greenish gray, nannofossil chalk with sporadically present silicified nodules of limestone.



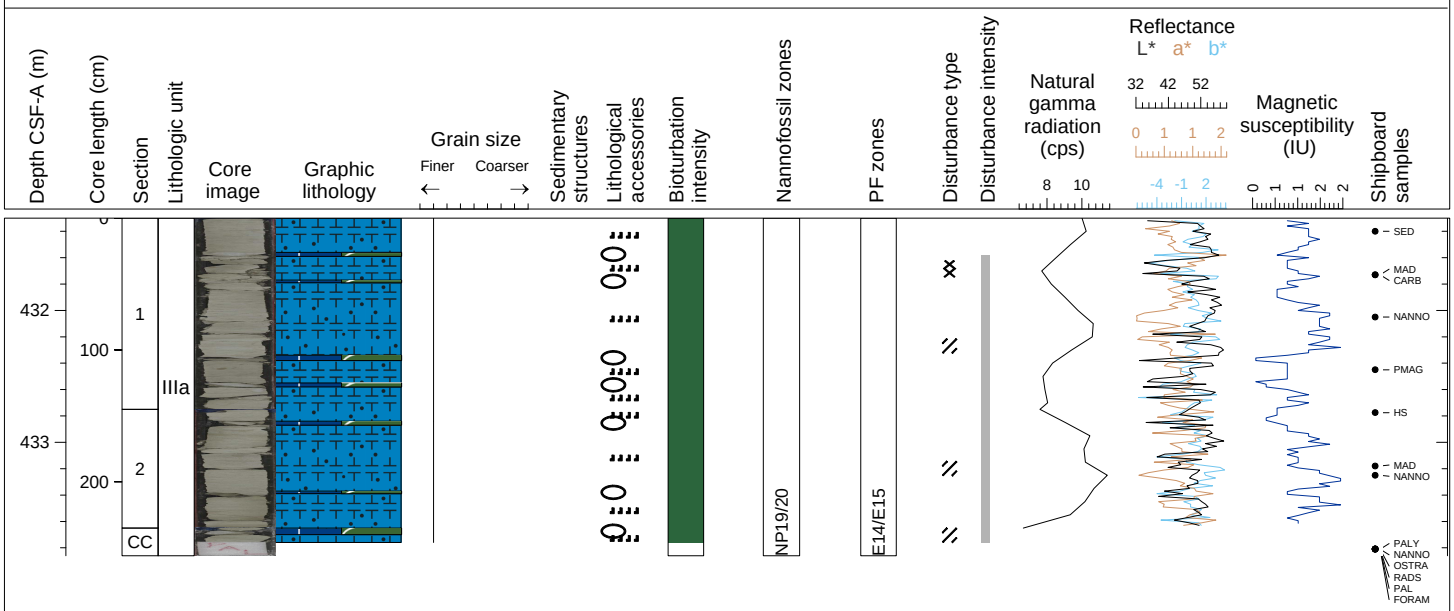
Hole 371-U1508B Core 28R, Interval 426.7-430.9 m (CSF-A)

U1508B-28R contains light greenish gray, nannofossil chalk with sporadically present silicified nodules of limestone.



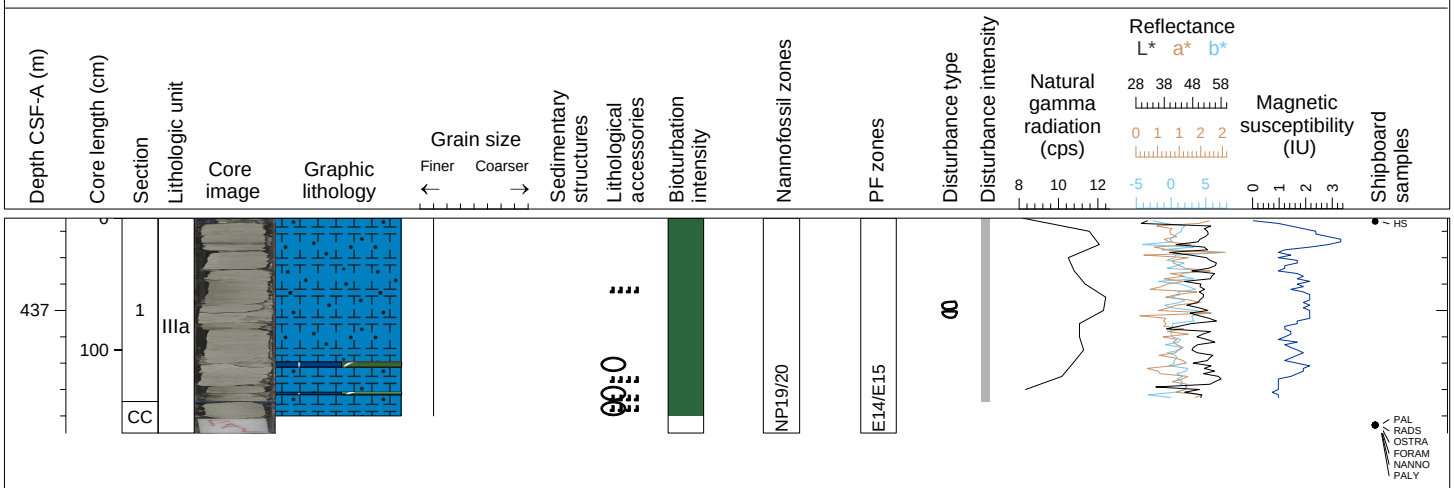
Hole 371-U1508B Core 29R, Interval 431.3-433.86 m (CSF-A)

U1508B-29R contains light greenish gray, nannofossil chalk with sporadically present silicified nodules of limestone.



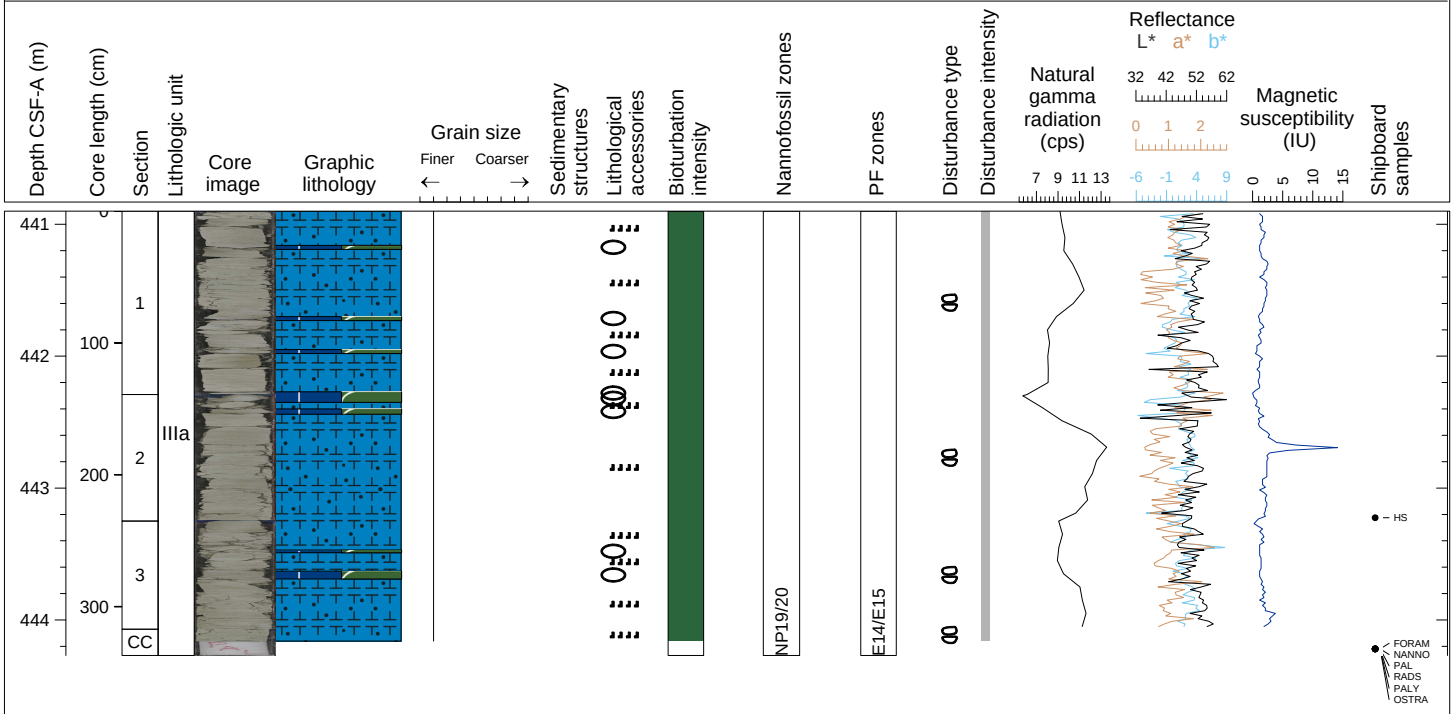
Hole 371-U1508B Core 30R, Interval 436.3-437.93 m (CSF-A)

U1508B-30R contains light greenish gray, nannofossil chalk with sporadically present silicified nodules of limestone.



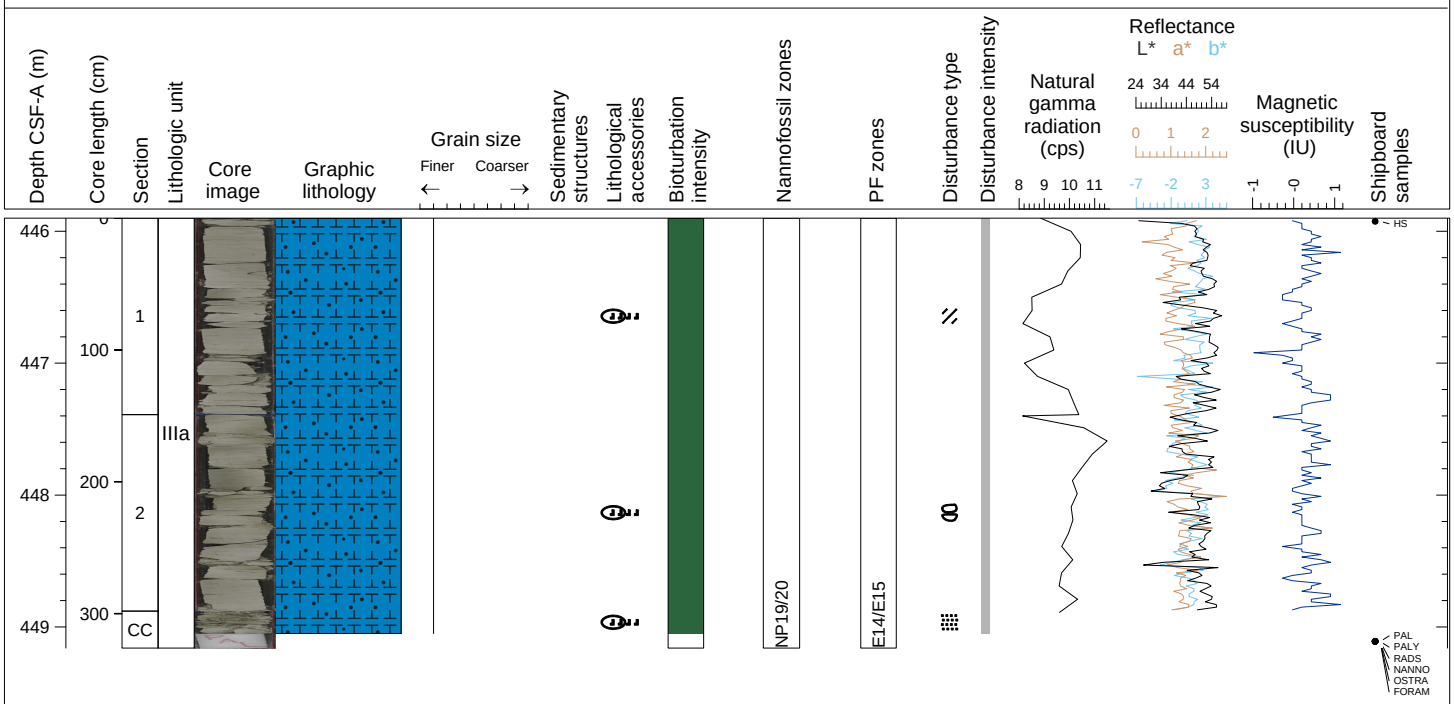
Hole 371-U1508B Core 31R, Interval 440.9-444.27 m (CSF-A)

U1508B-31R contains light greenish gray, nannofossil chalk with sporadically present silicified nodules of limestone.



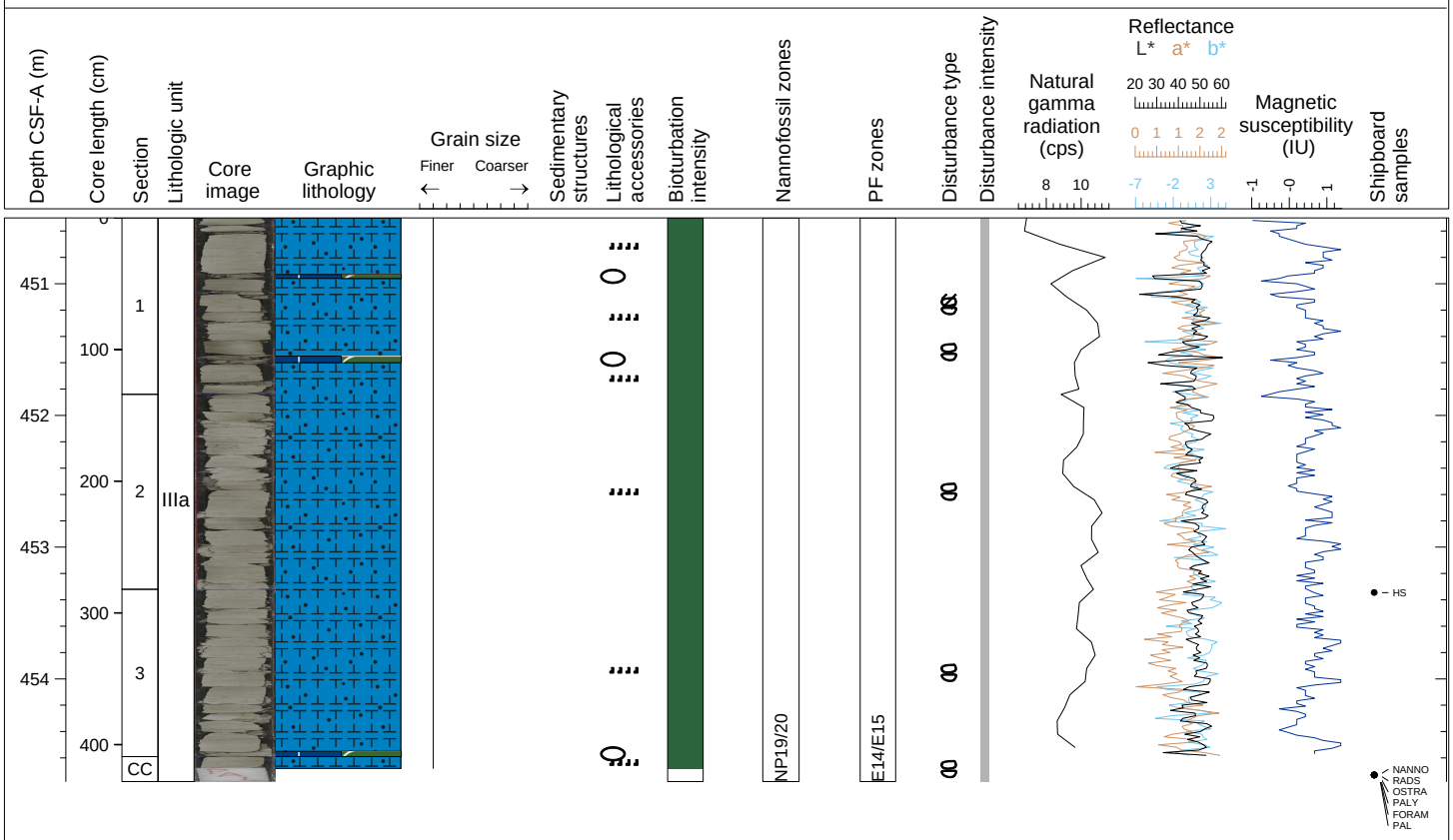
Hole 371-U1508B Core 32R, Interval 445.9-449.16 m (CSF-A)

U1508B-32R contains light greenish gray, nannofossil chalk with sporadically present silicified nodules. Spirophyton burrow is found in section 1, 56-59 cm.



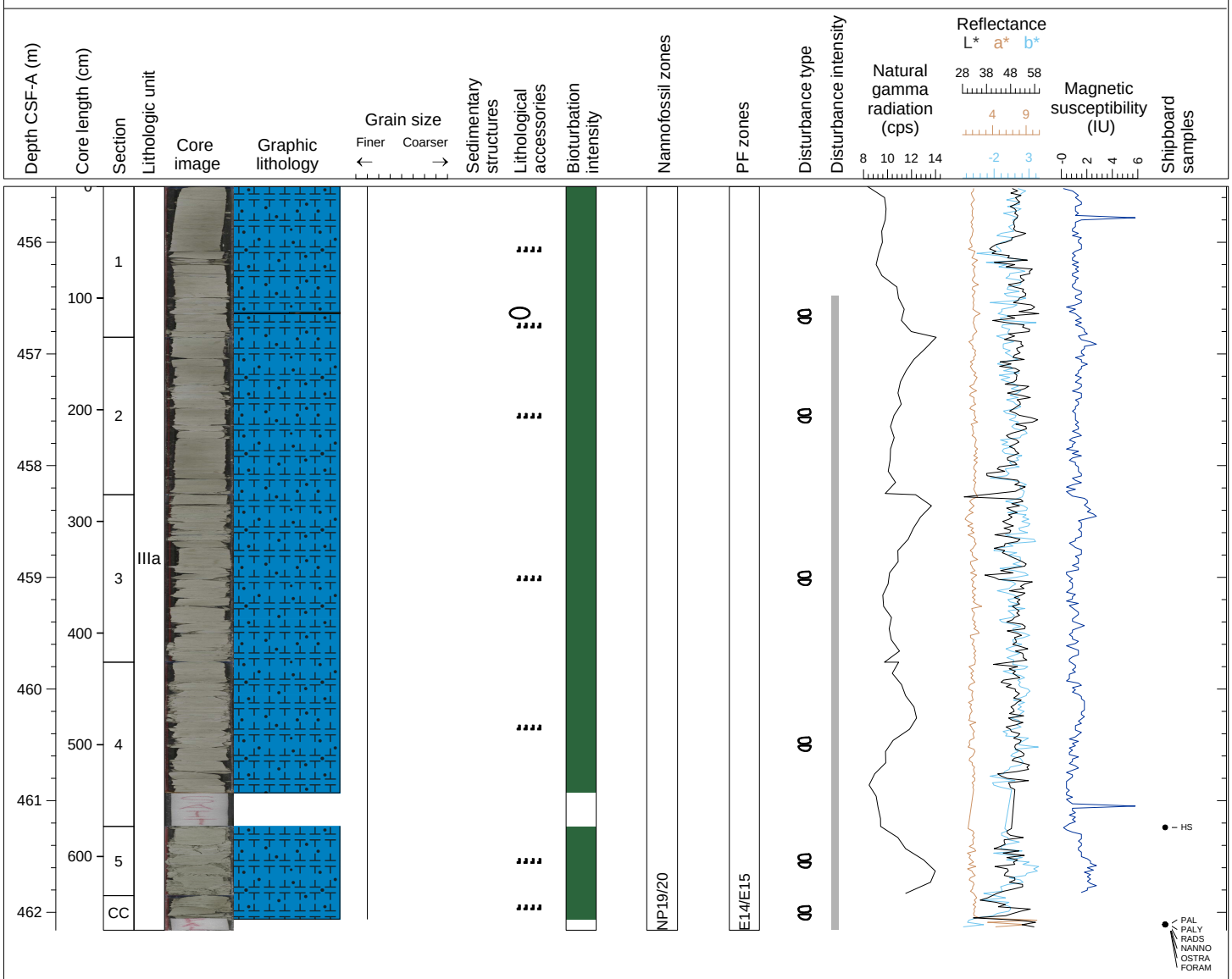
Hole 371-U1508B Core 33R, Interval 450.5-454.78 m (CSF-A)

U1508B-33R contains light greenish gray, nannofossil chalk with sporadically present silicified nodules.



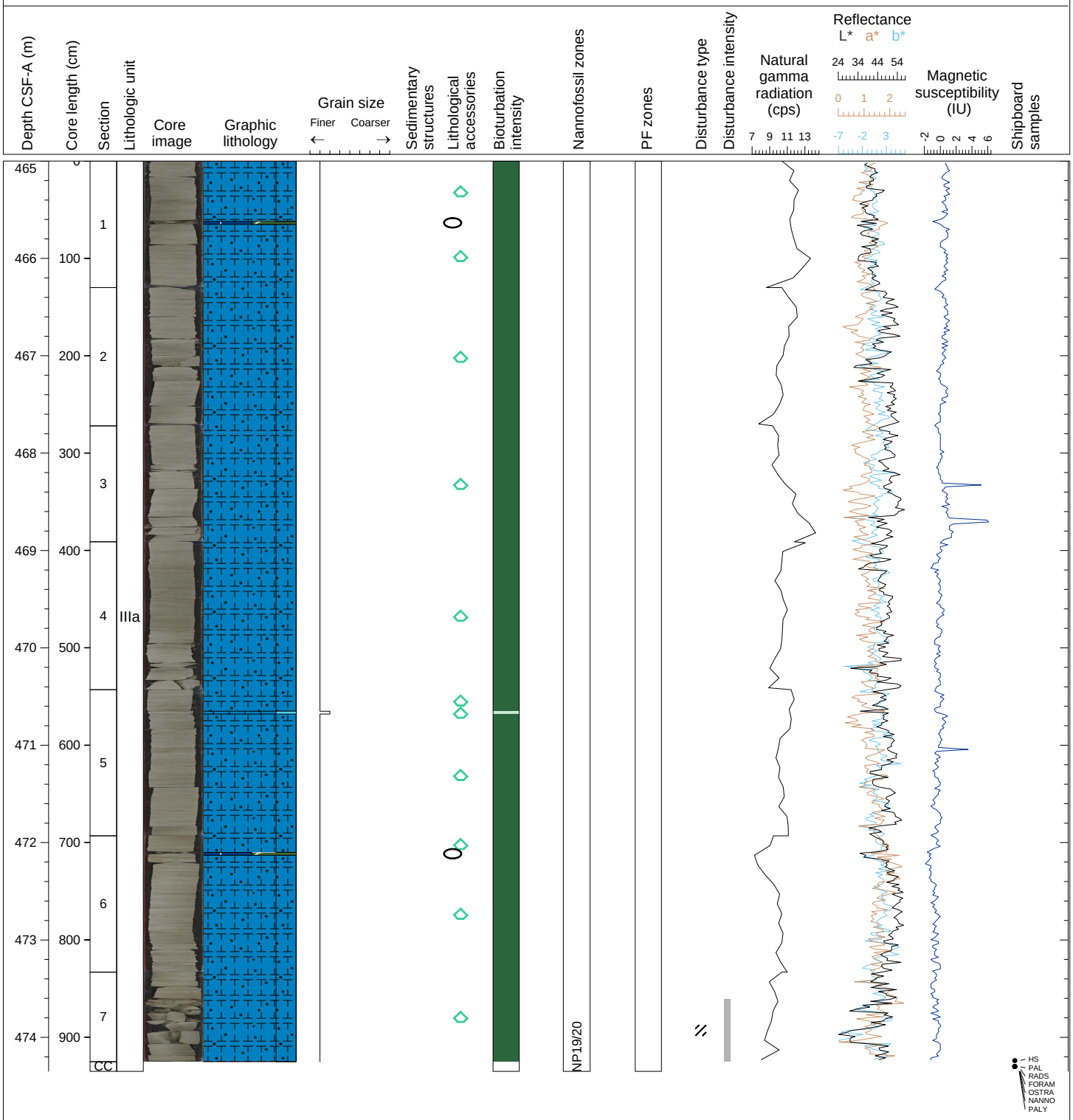
Hole 371-U1508B Core 34R, Interval 455.5-462.16 m (CSF-A)

U1508B-34R contains light greenish gray, nannofossil chalk with sporadically present silicified nodules. Core is severely bioturbated by zoophycos, phycosyphon, planolites and skolithos



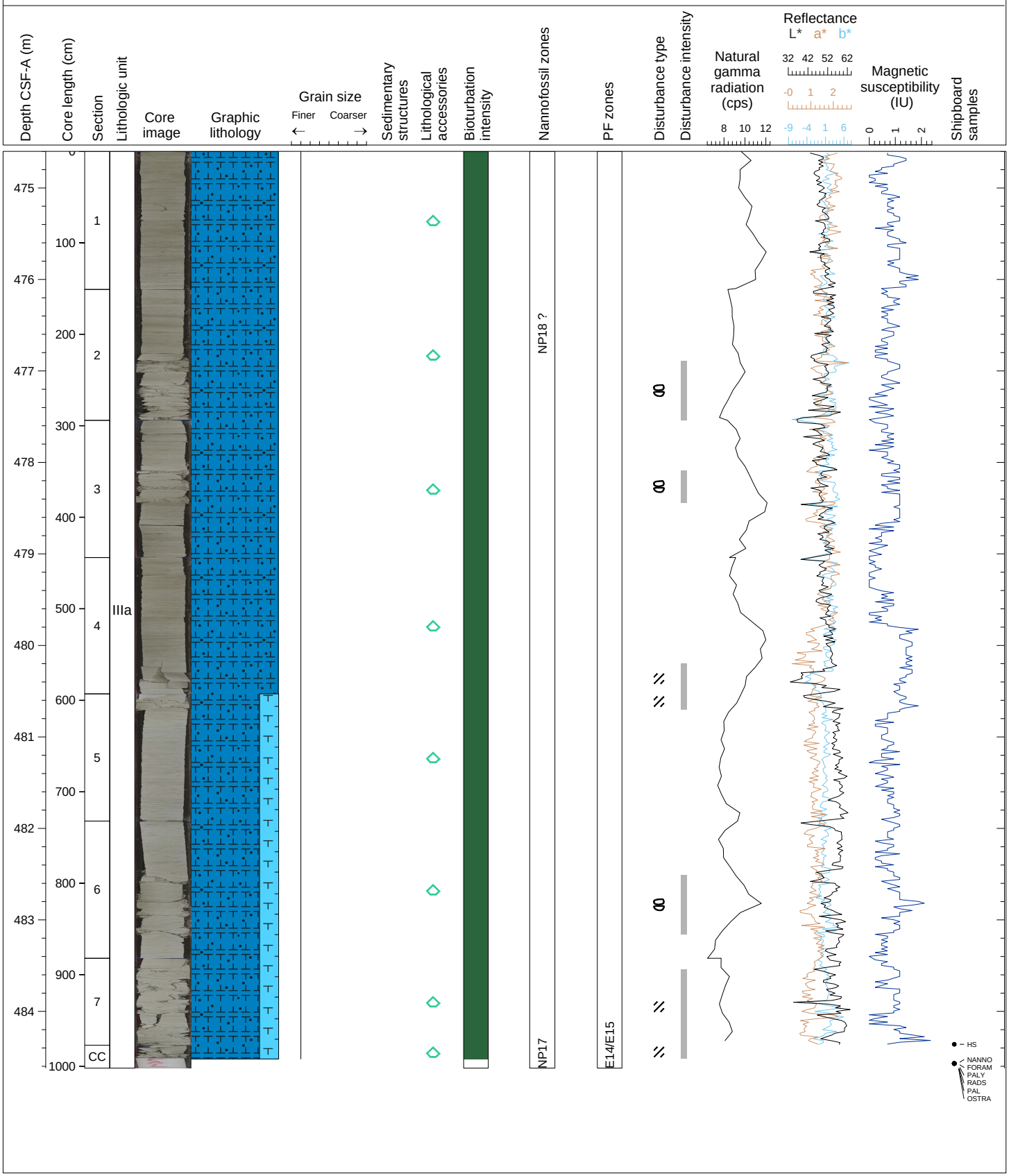
Hole 371-U1508B Core 35R, Interval 465.0-474.35 m (CSF-A)

U1508B-35R contains greenish gray, nannofossil chalk with sporadically present indurated silicified nodules. Core is severely bioturbated by zoophycos, phycosyphon, planolites and skolithos



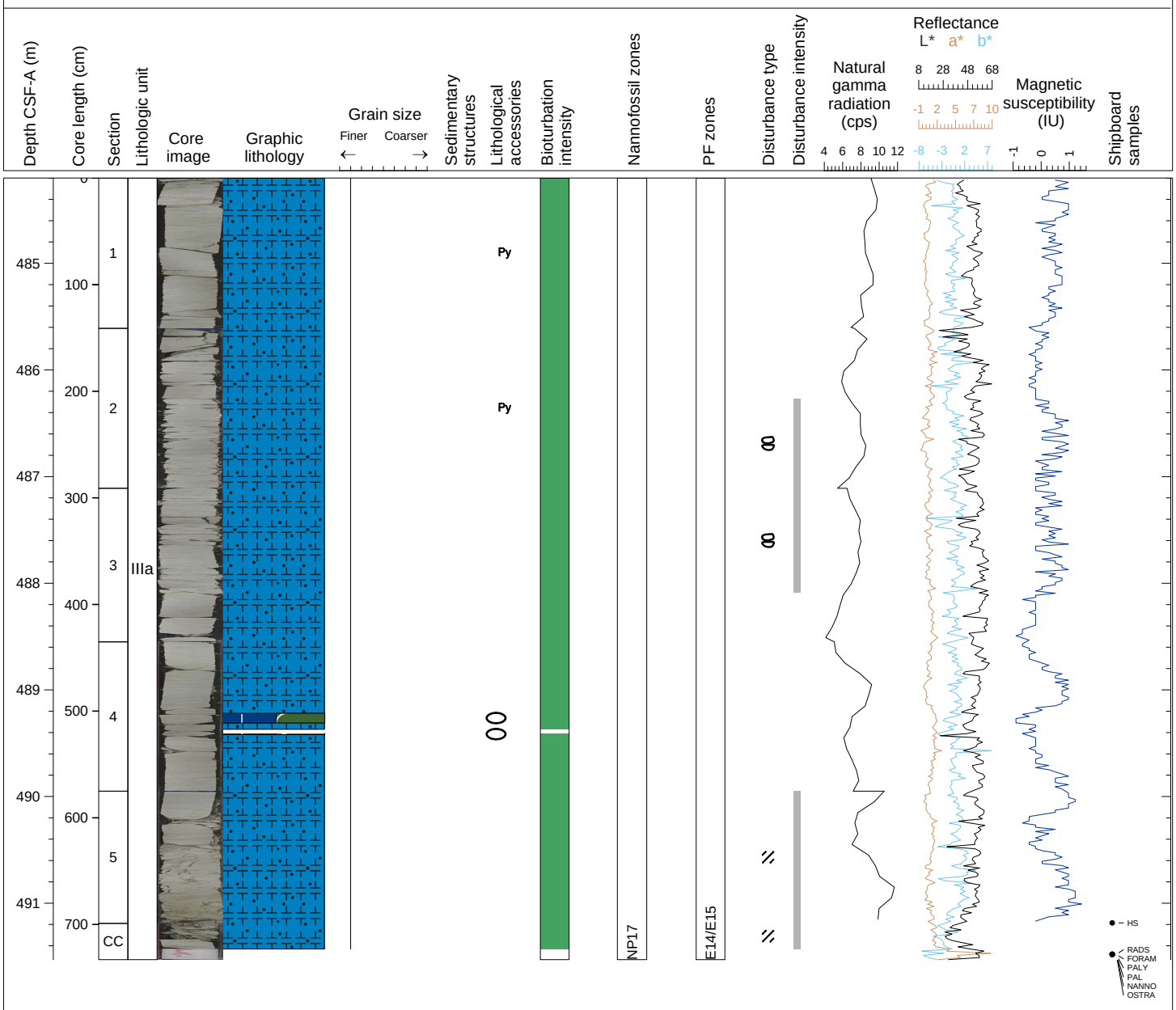
Hole 371-U1508B Core 36R, Interval 474.6-484.62 m (CSF-A)

U1508B-36R contains greenish gray, nannofossil chalk / nannofossil chalk with foraminifers. Core is severely bioturbated by zoophycos, phycosyphon, planolites and skolithos



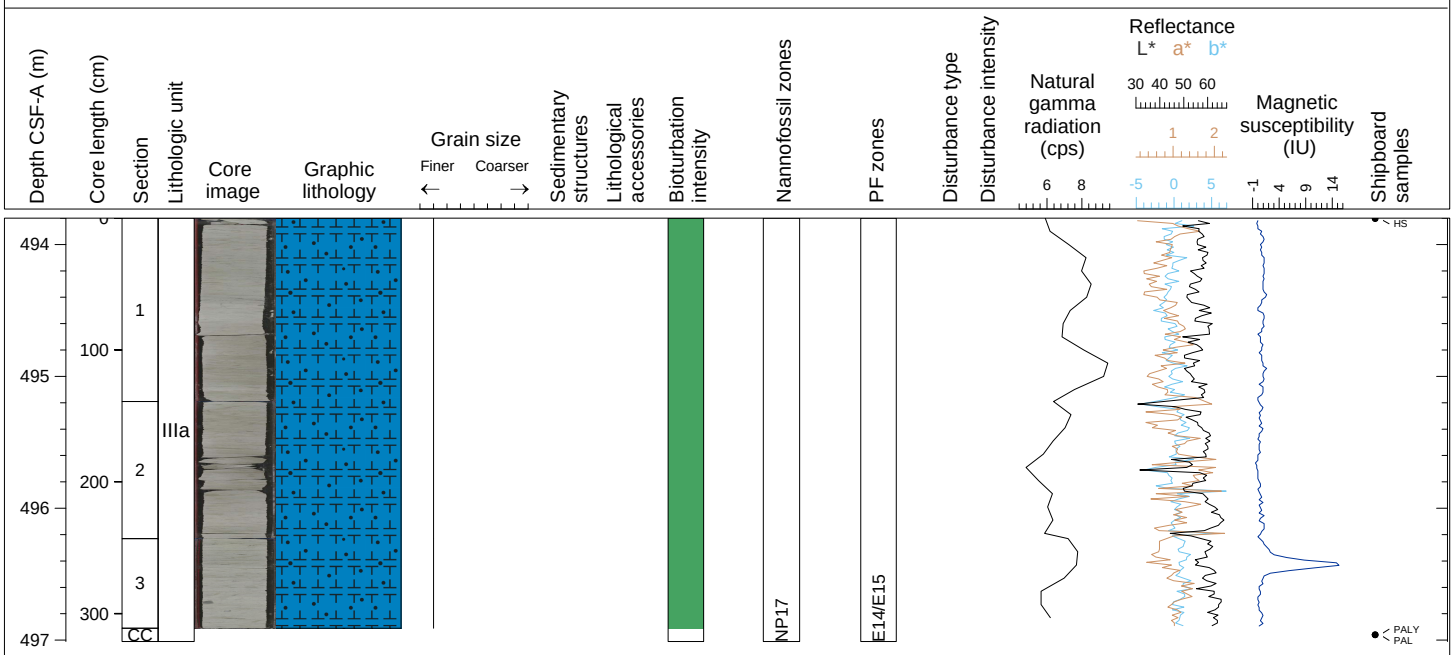
Hole 371-U1508B Core 37R, Interval 484.2-491.53 m (CSF-A)

U1508B-37R is light greenish gray nannofossil chalk interrupted by two silicified intervals in section 4 (calcareous porcellanite). Throughout much of section 1, mm-scale pyrite crystals occur as blebs and burrow infills.



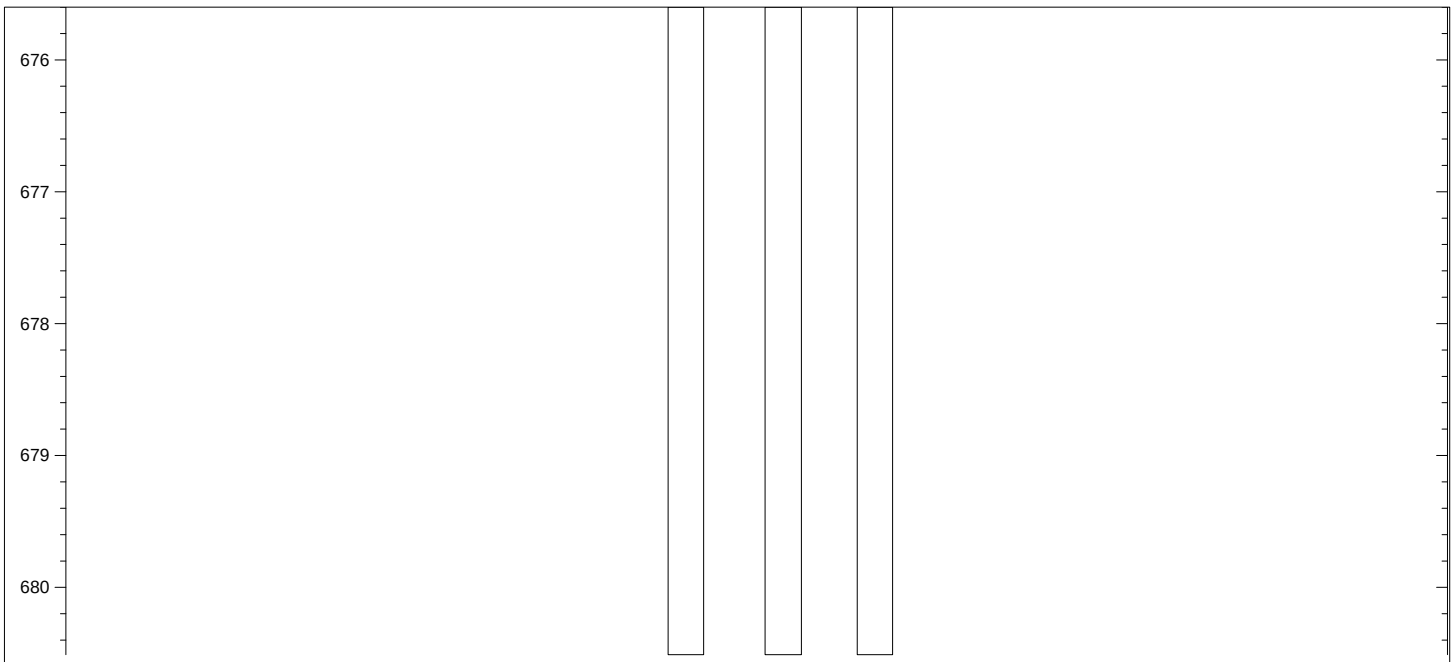
Hole 371-U1508B Core 38R, Interval 493.8-497.01 m (CSF-A)

U1508B-38R is light greenish gray nannofossil chalk with foraminifers interrupted by one silicified interval in section 1.



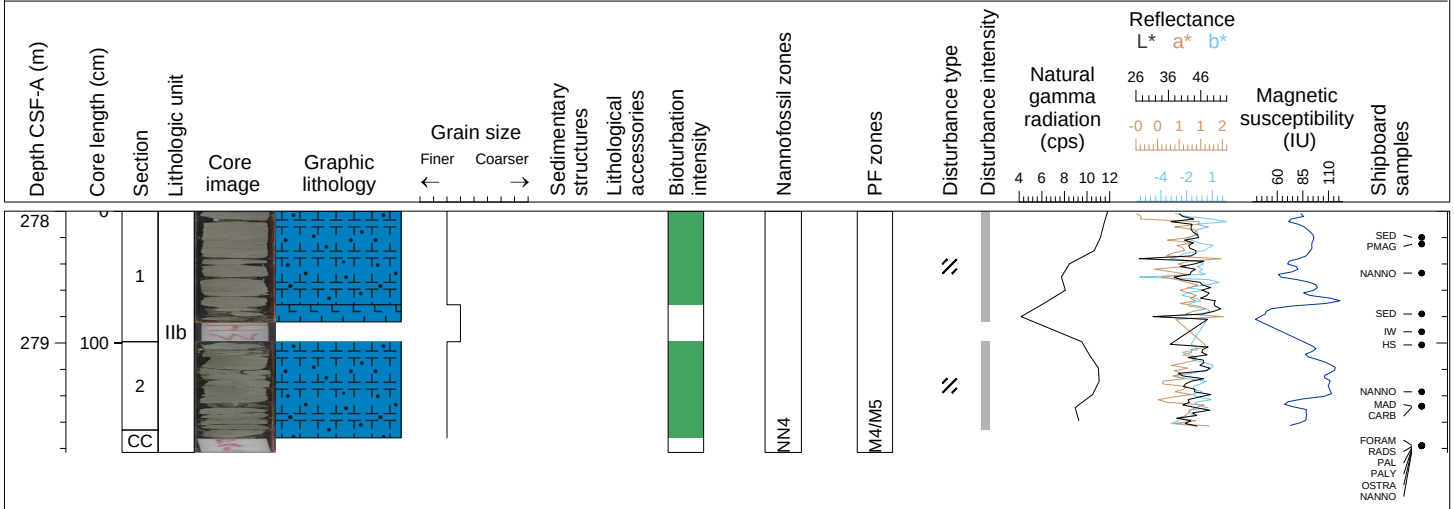
Hole 371-U1508C Core 11, Interval 0.0-0.0 m (CSF-A)

Drilled interval



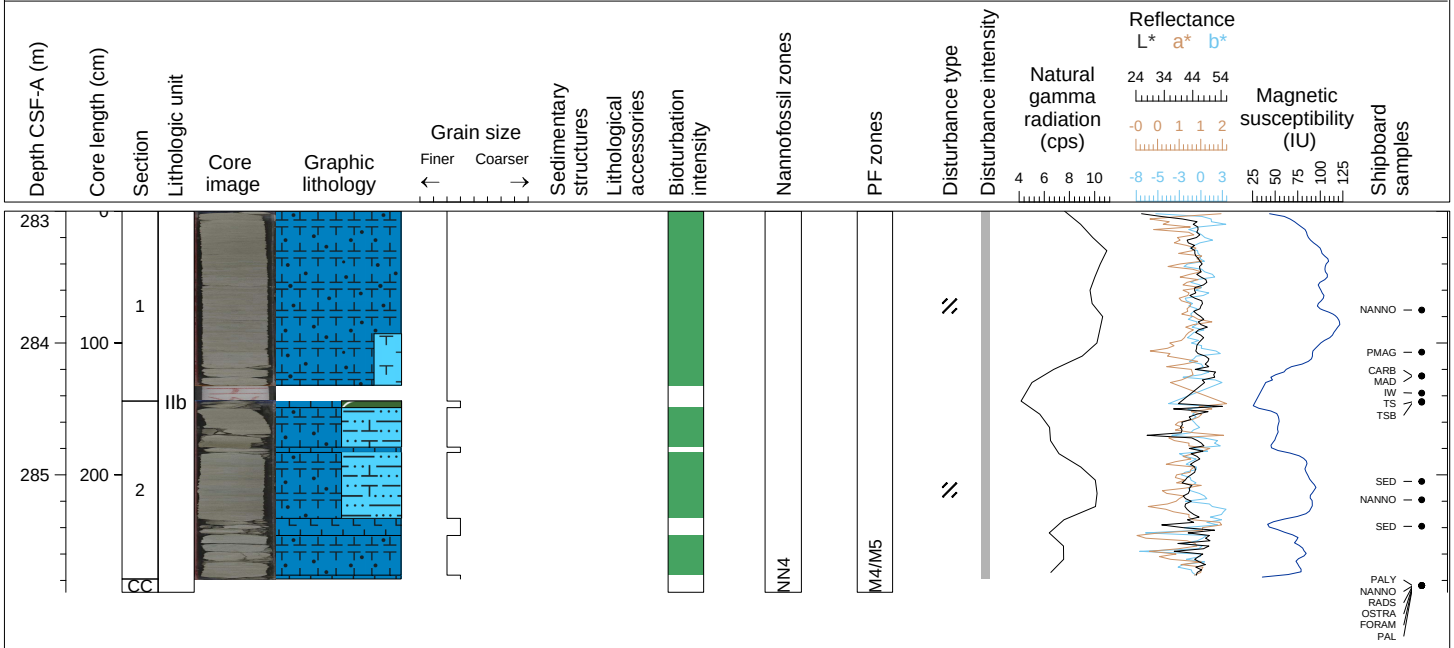
Hole 371-U1508C Core 2R, Interval 278.0-279.83 m (CSF-A)

U1508C-2R is a greenish gray very fine grained nannofossil chalk with clay alternating on decimeter scale with a fine grained foraminiferal chalk. the nannofossil chalk intervals tend to be normally graded. Bioturbation is moderate. Grayish green diagenetic (?) concretions occur in a few places. Glauconite is sporadically present.



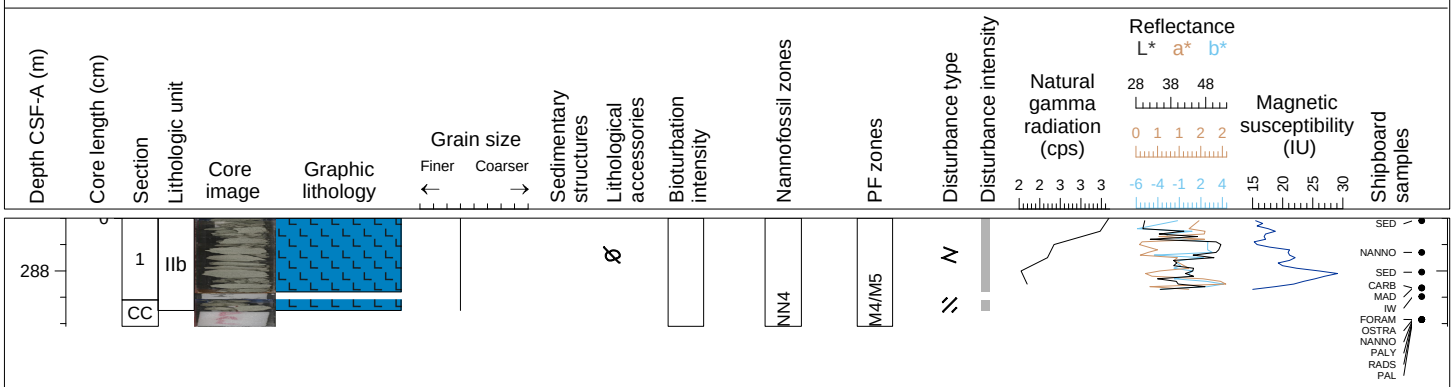
Hole 371-U1508C Core 3R, Interval 283.0-285.89 m (CSF-A)

U1508C-3R is a greenish gray very fine grained nannofossil chalk with clay alternating on decimeter scale with a fine grained foraminiferal chalk. At the top of section 5 occurs a 5-cm silicified layer. The nannofossil chalk intervals tend to be normally graded. Bioturbation is moderate. Glauconite is sporadically present.



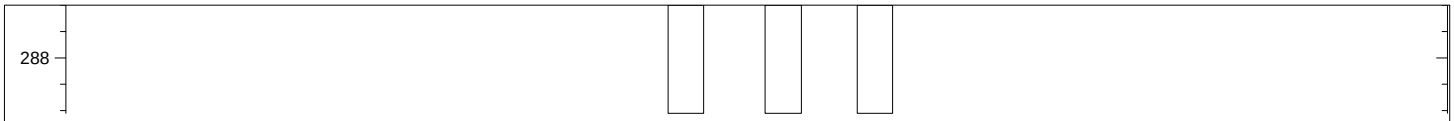
Hole 371-U1508C Core 4R, Interval 287.6-288.42 m (CSF-A)

U1508C-4R is a fine grained foraminiferal chalk with reverse grading and decreasing abundance of glauconitic grains down the core. Bioclasts are found sporadically throughout the core.



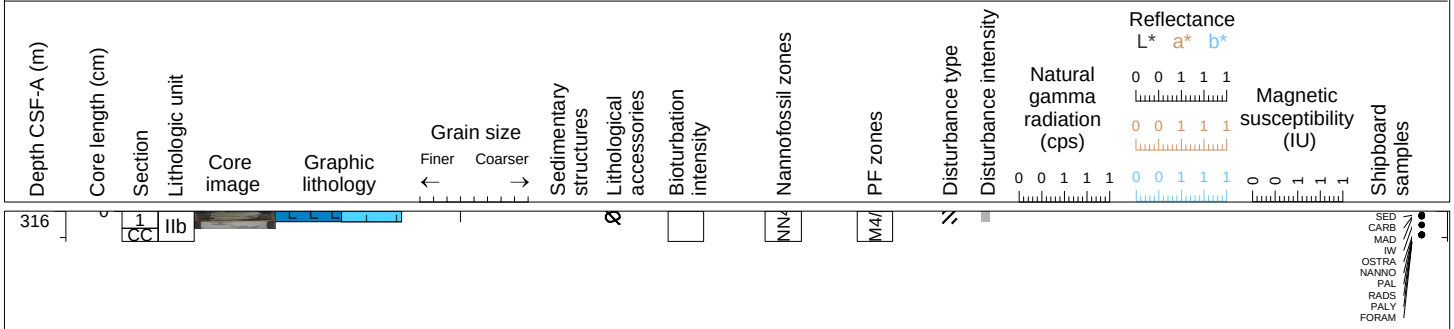
Hole 371-U1508C Core 51, Interval 292.6-292.6 m (CSF-A)

Drilled interval



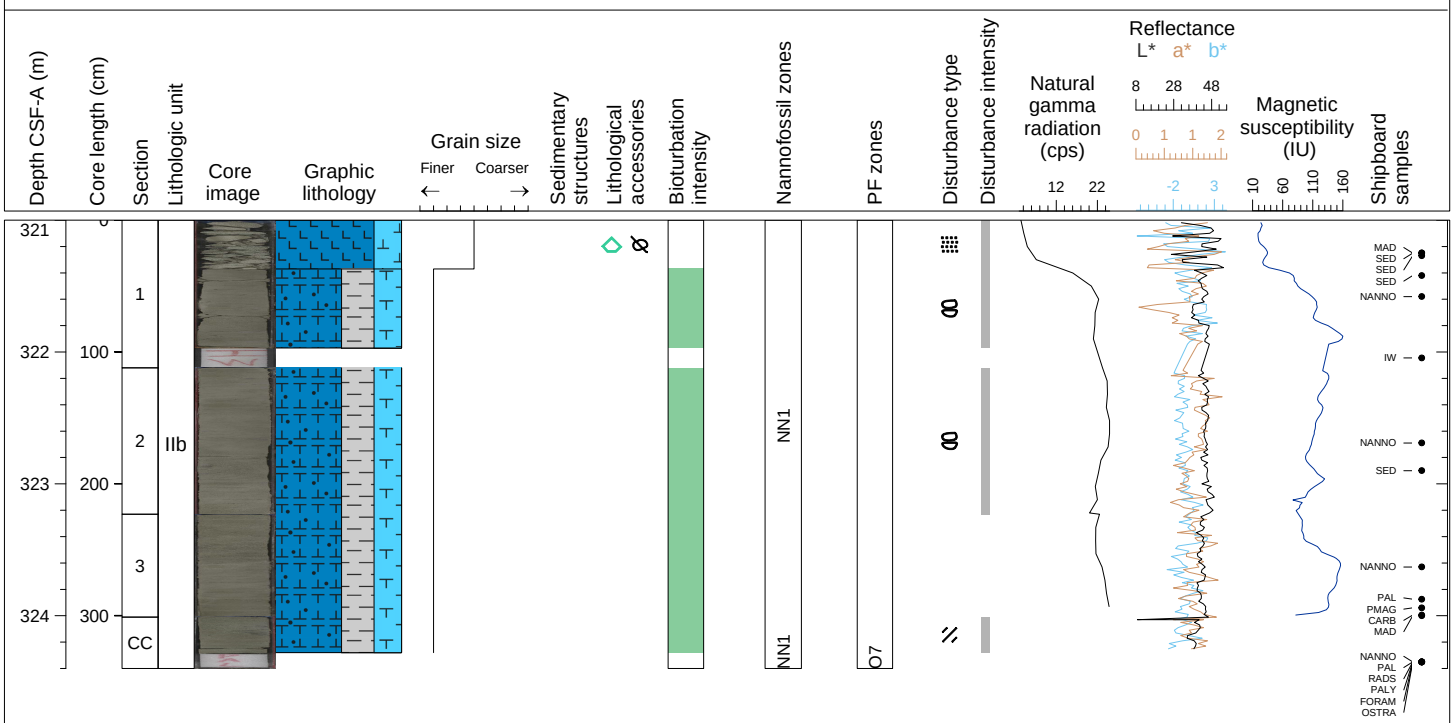
Hole 371-U1508C Core 6R, Interval 316.0-316.23 m (CSF-A)

U1508C-6R is a fine grained nannofossil foraminiferal chalk with bioclasts.



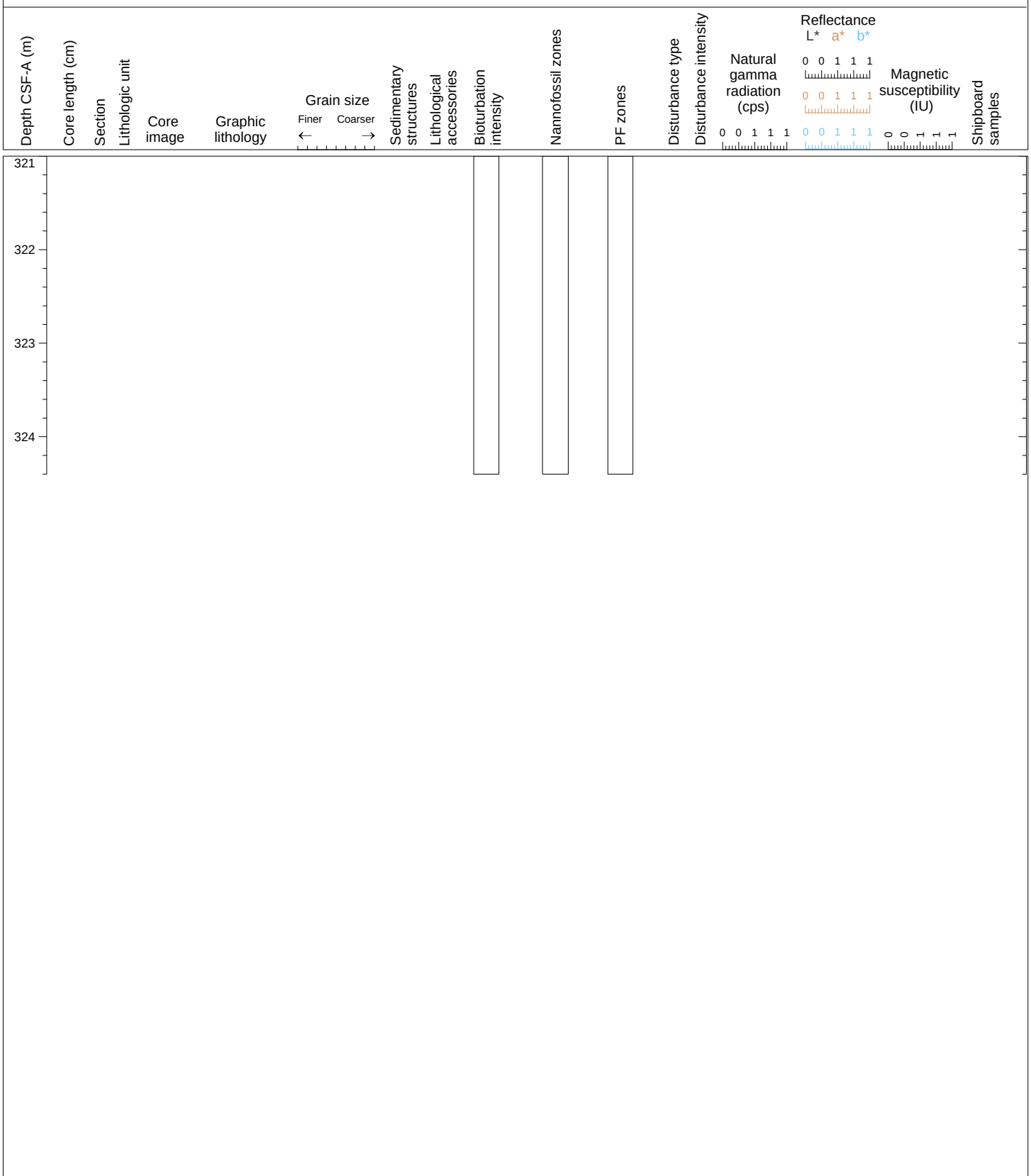
Hole 371-U1508C Core 7R, Interval 321.0-324.4 m (CSF-A)

U1508C-7R exhibits a sharp change in lithology from foraminiferal nannofossil chalk (GLEY 1 6/10Y (greenish gray)) to clayey nannofossil chalk with foraminifers at 37 cm offset in section 1. The clayey nannofossil chalk with foraminifers are often rich in silicate minerals and bioclasts. the core is moderately to slightly bioturbated, and sometimes burrows are filled with coarser sediments. Pyritization in burrows is also observed.



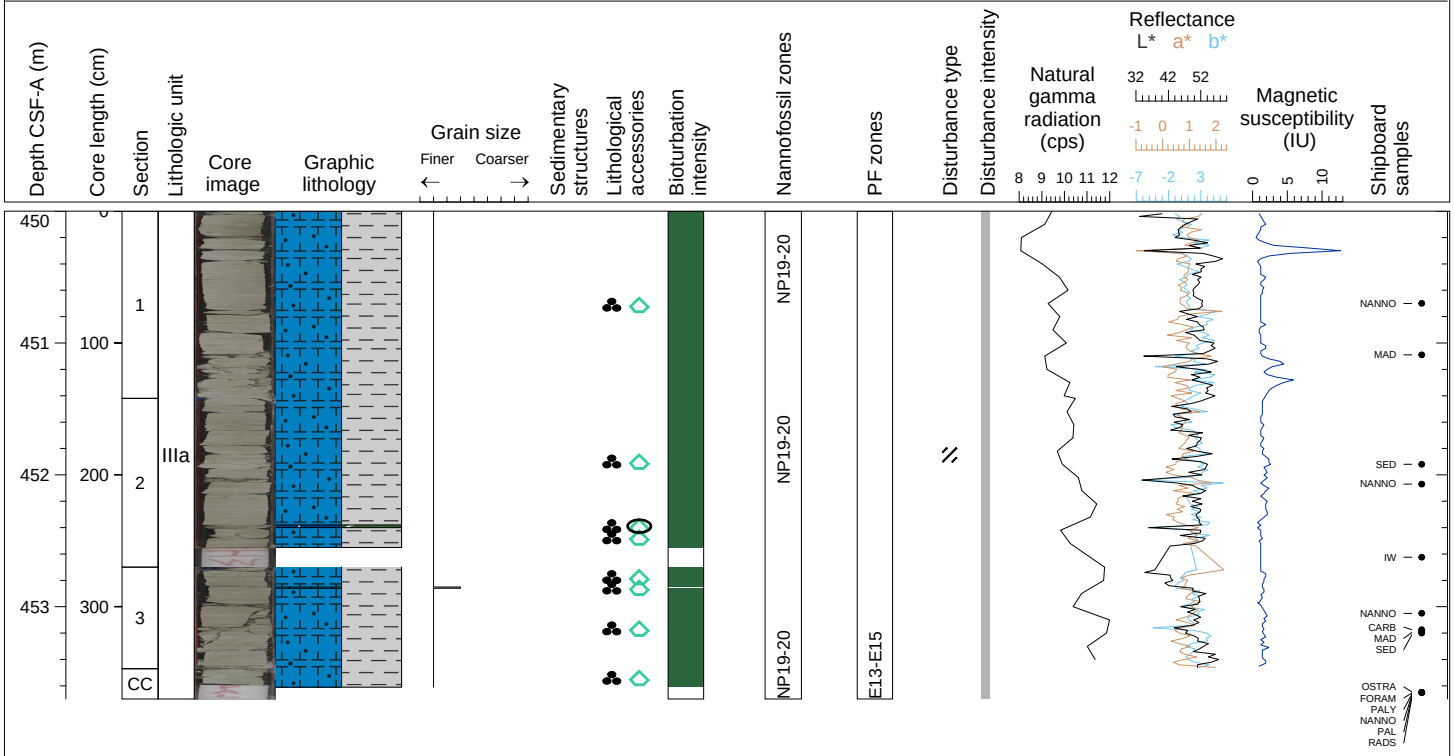
Hole 371-U1508C Core 81, Interval 330.7-330.7 m (CSF-A)

Drilled interval



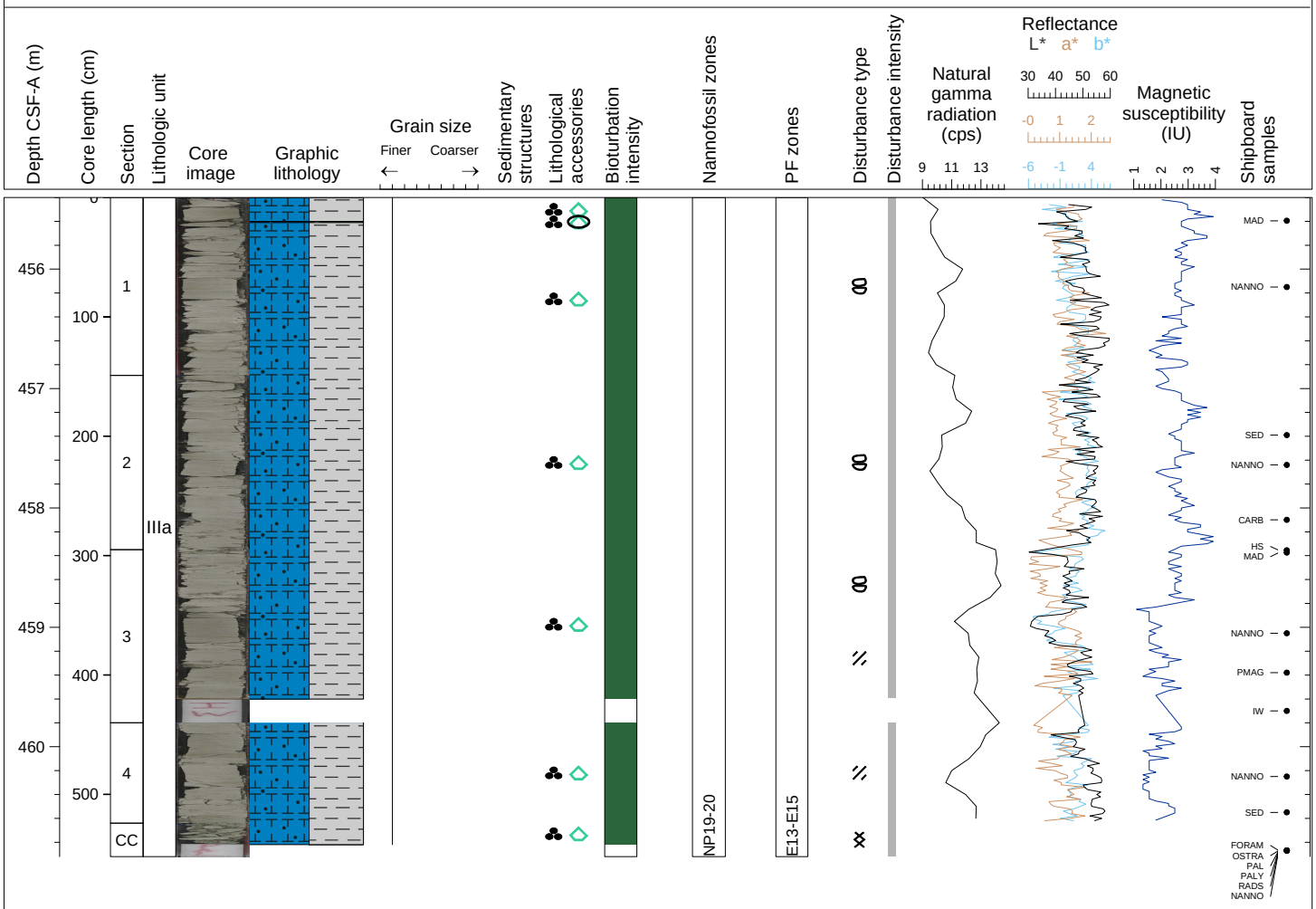
Hole 371-U1508C Core 9R, Interval 450.0-453.7 m (CSF-A)

U1508C-9R is heavily bioturbated greenish gray clayey nannofossil chalk. A darker lamina occurs in section 1, a ~2 cm cherty interval occurs in section 2, and <1cm-thick fine sand layers occur in sections 2 and 3.



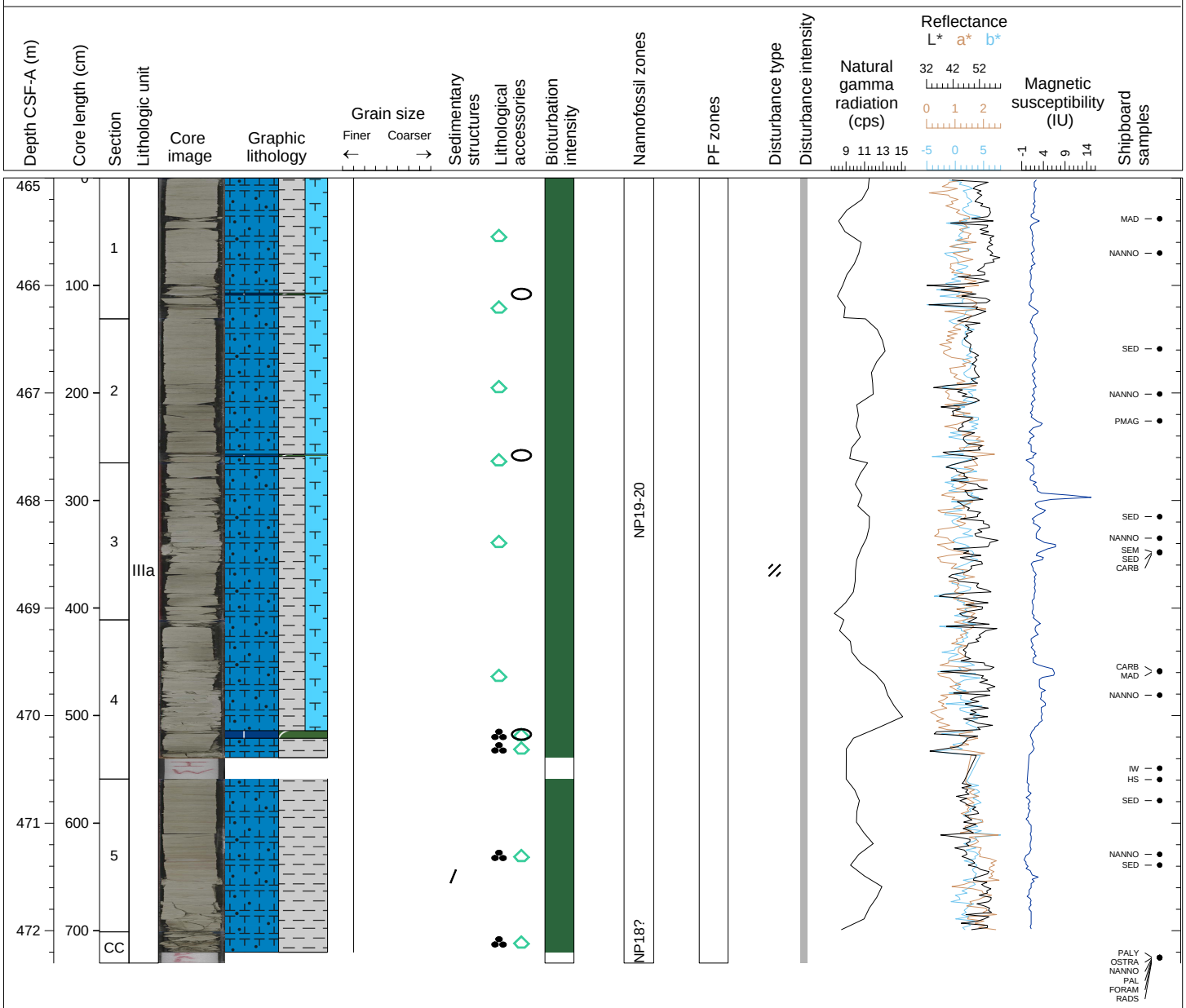
Hole 371-U1508C Core 10R, Interval 455.4-460.92 m (CSF-A)

U1508C-10R is greenish gray clayey nannofossil chalk with rare foraminifers and silicate minerals. Core is heavily bioturbated and moderately biscuited by drilling disturbance



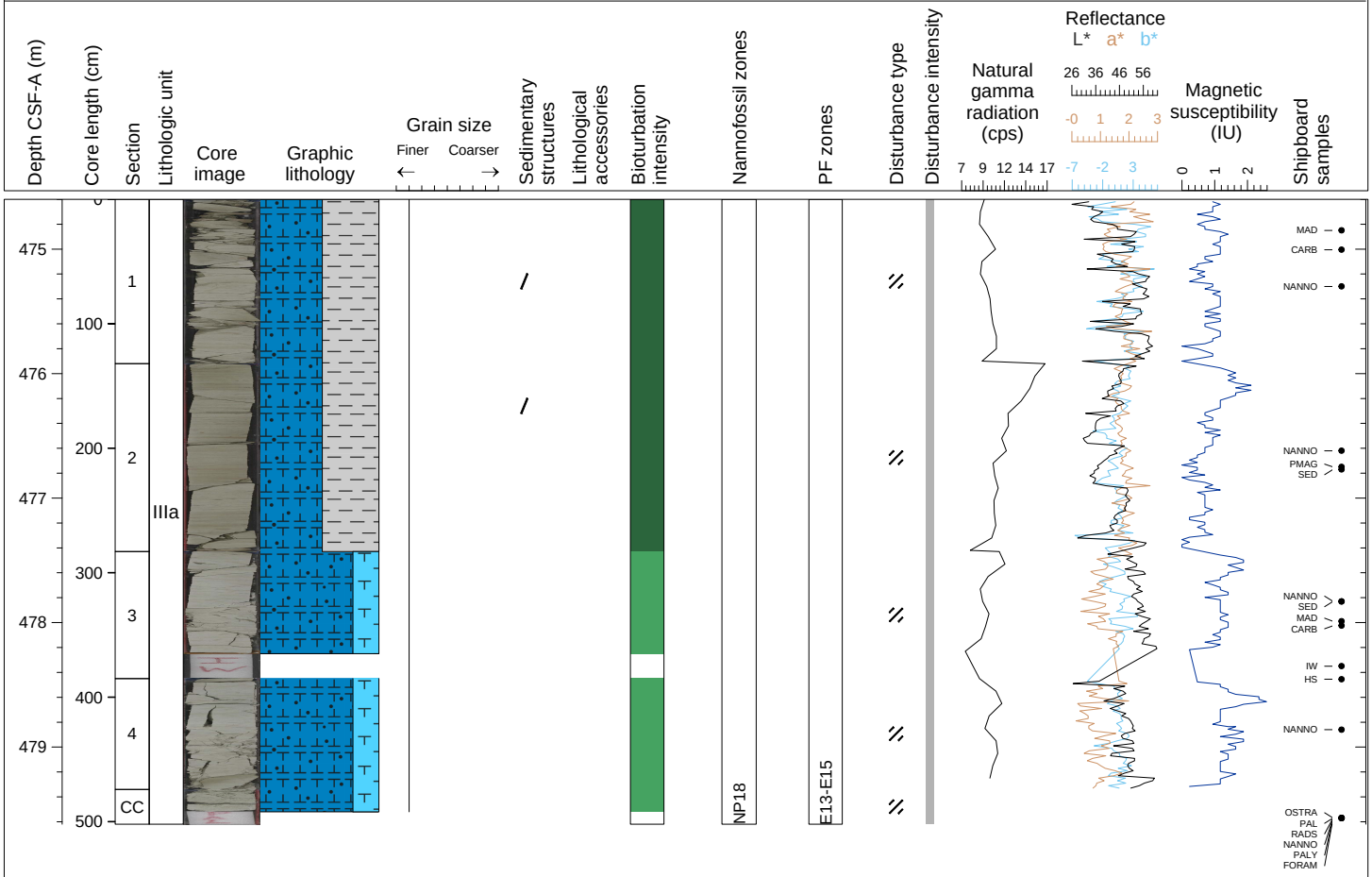
Hole 371-U1508C Core 11R, Interval 465.0-472.3 m (CSF-A)

U1508C-11R is heavily bioturbated greenish gray clayey nannofossil chalk interrupted by several indurated siliceous intervals. Pyrite blebs are rare, and Section 3 exhibits a ~1cm black clast occurs at 103-104 cm.



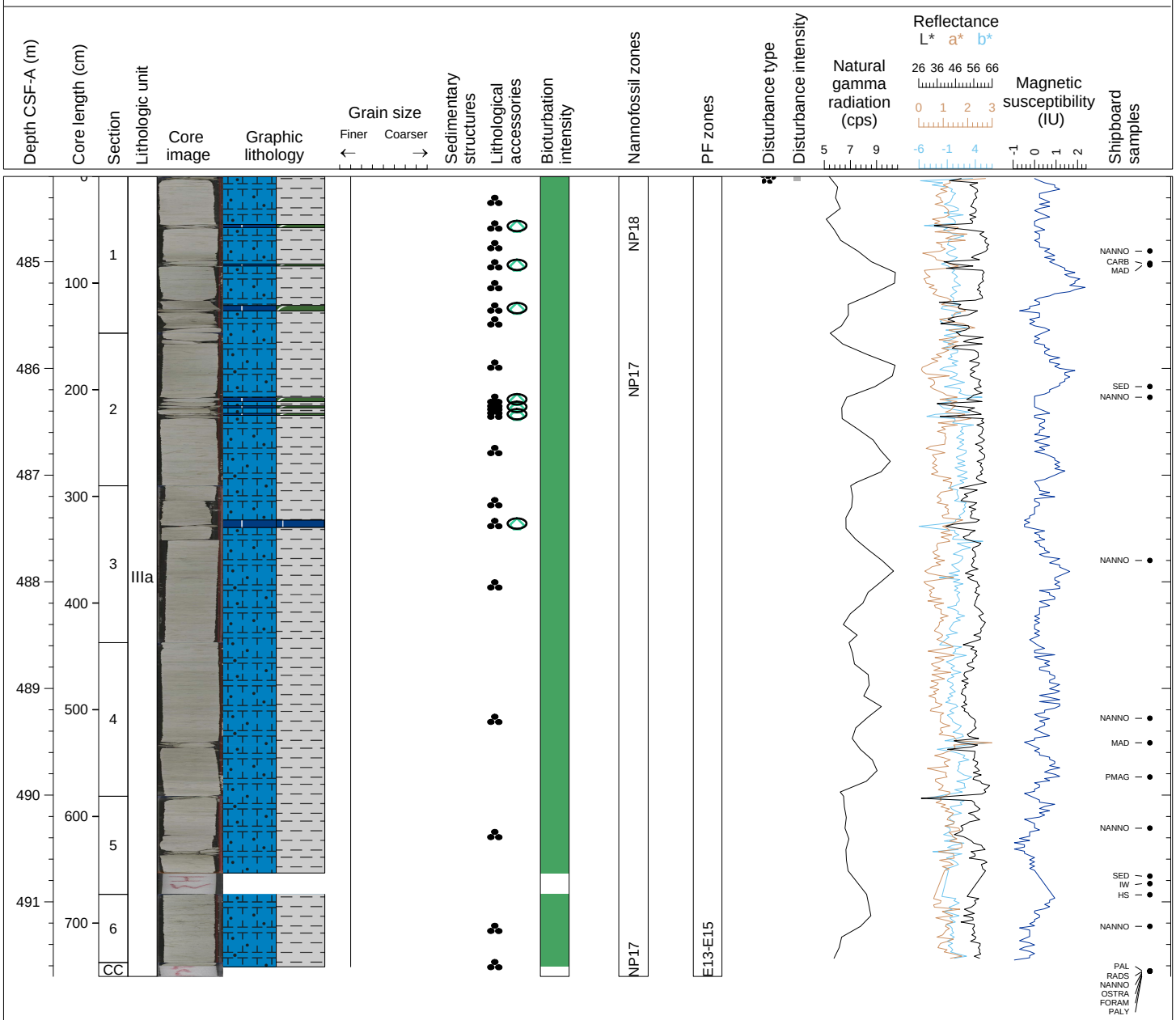
Hole 371-U1508C Core 12R, Interval 474.6-479.62 m (CSF-A)

U1508C-12R is a heavily bioturbated greenish gray clayey nannofossil chalk within the two first sections. Section 3 to CC is composed of a light greenish grey (GLEY 1 7/5GY) nannofossil chalk with foraminifers and is moderately bioturbated. At section 3, ~10cm, a burrow is filled by mm-scale pyritic grains. Section 1 and 2 observed deformational structures with faulting (30 to 50deg dip)



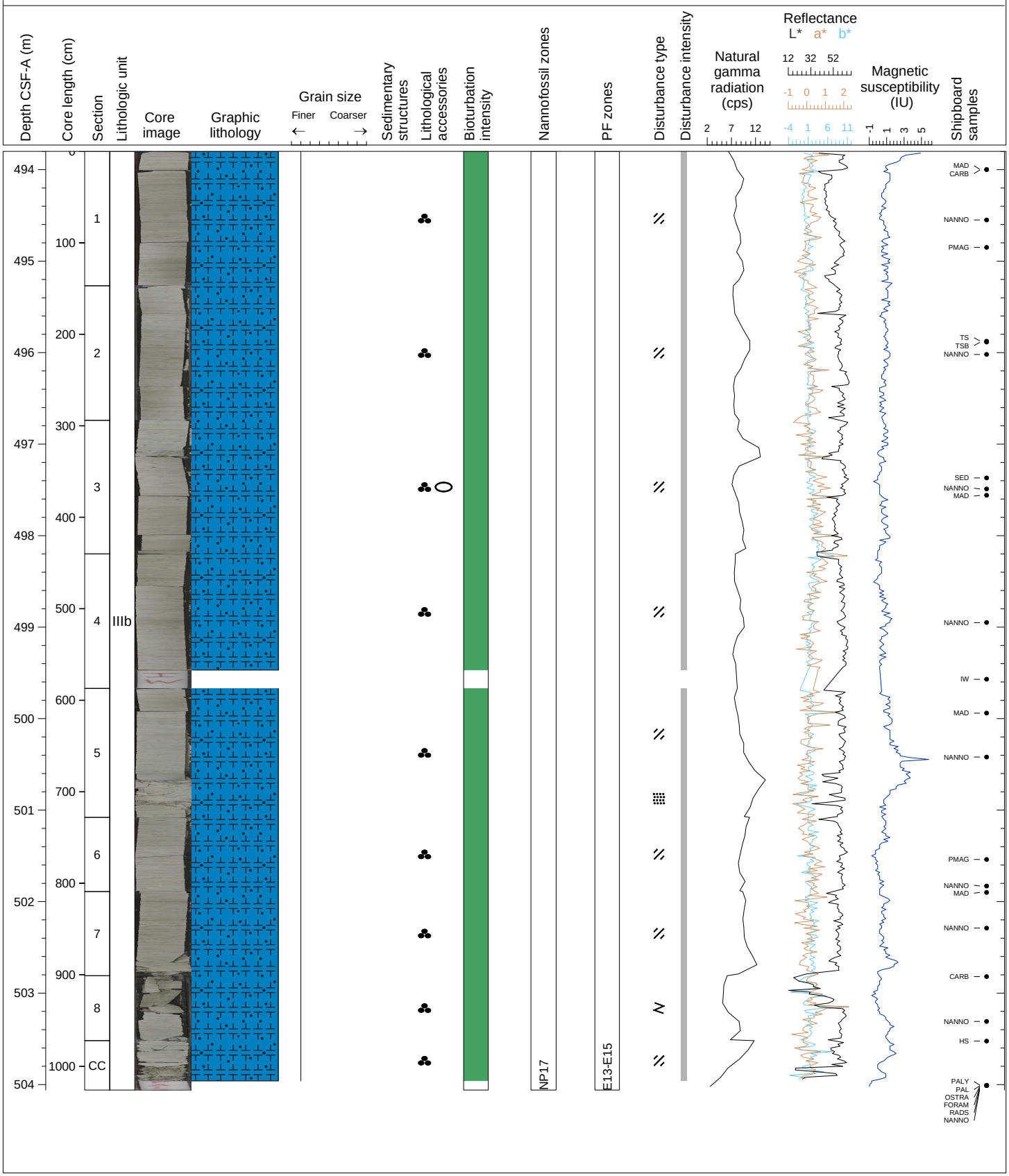
Hole 371-U1508C Core 13R, Interval 484.2-491.7 m (CSF-A)

U1508C-13R is moderately bioturbated light greenish gray clayey nannofossil chalk interrupted by several indurated siliceous intervals. Several "bullseye" pattern dark diagenetic halos occur in the bottom half of the core.



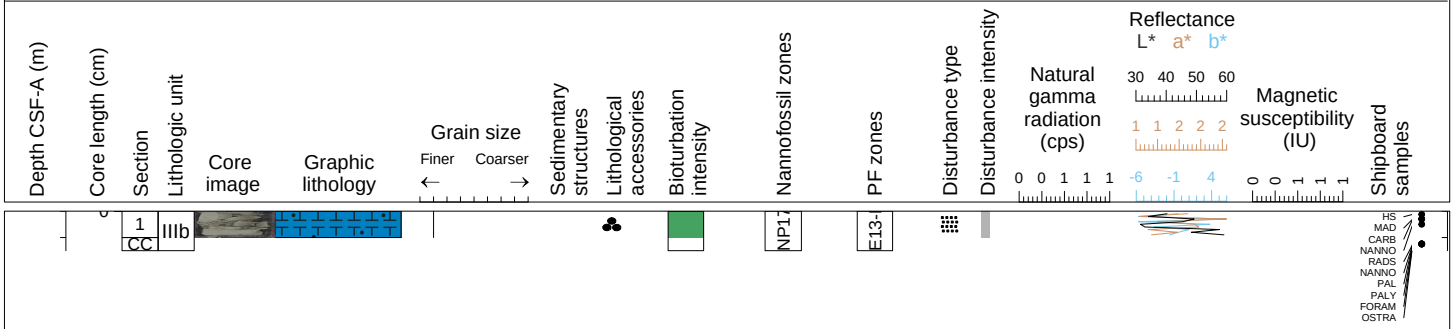
Hole 371-U1508C Core 14R, Interval 493.8-504.06 m (CSF-A)

U1508C-14R is moderately bioturbated light greenish gray nannofossil chalk with silicified (?) nodules occurring from 33-38 cm in section 3 and pyrite blebs in 38-41 and 51-52 cm of section 3. Diagenetic halos occur sporadically throughout the core.



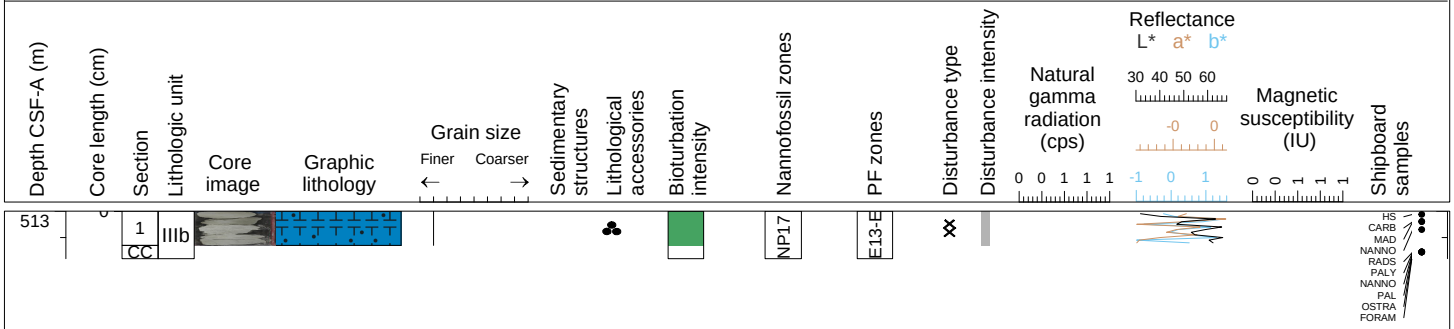
Hole 371-U1508C Core 15R, Interval 503.4-503.7 m (CSF-A)

U1508C-15R is a moderately bioturbated light greenish gray nannofossil chalk with silicified (?) nodules and pyrite blebs.



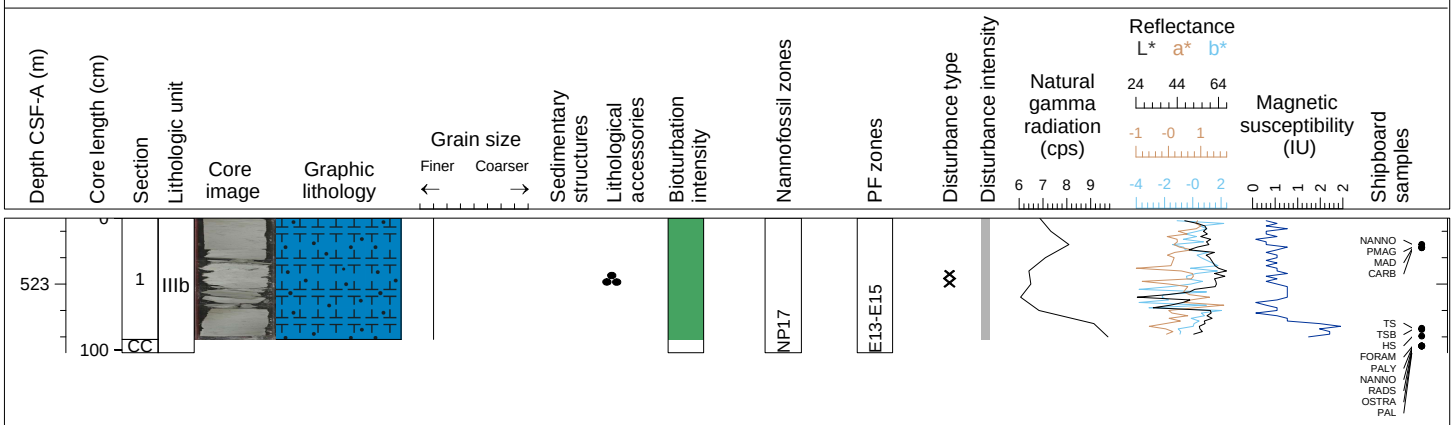
Hole 371-U1508C Core 16R, Interval 513.0-513.36 m (CSF-A)

U1508C-16R is a severely brecciated, moderately bioturbated light greenish gray nannofossil chalk with pyrite blebs.



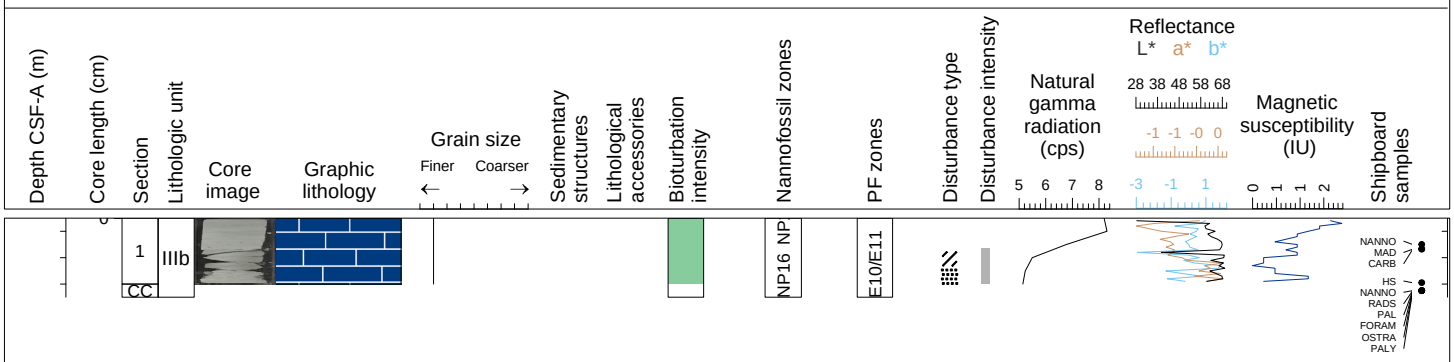
Hole 371-U1508C Core 17R, Interval 522.5-523.52 m (CSF-A)

U1508C-17R is a brecciated, moderately bioturbated light greenish gray nannofossil chalk.



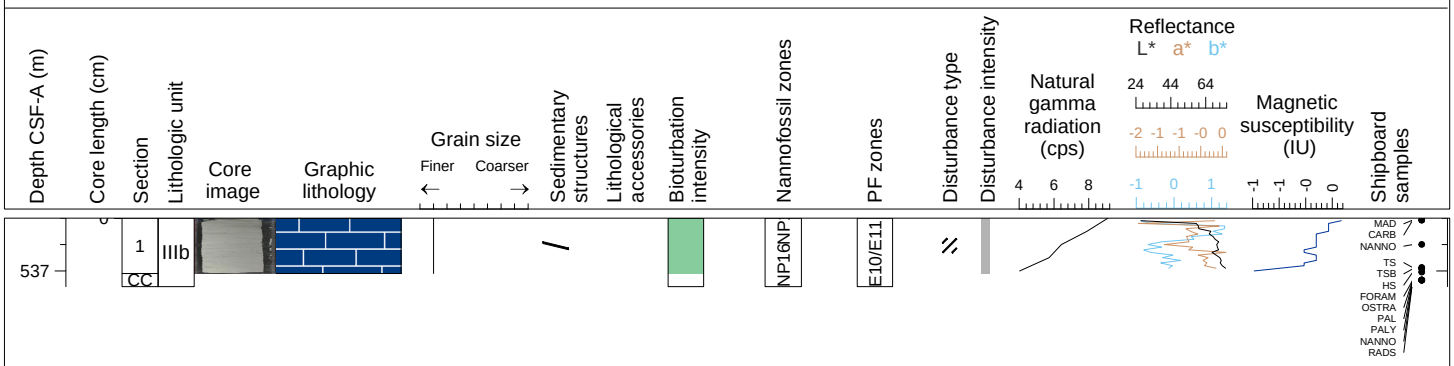
Hole 371-U1508C Core 18R, Interval 532.1-532.7 m (CSF-A)

U1508C-18R is a slightly bioturbated light greenish gray limestone, with lamina occurring in the top 25 cm of section 1.



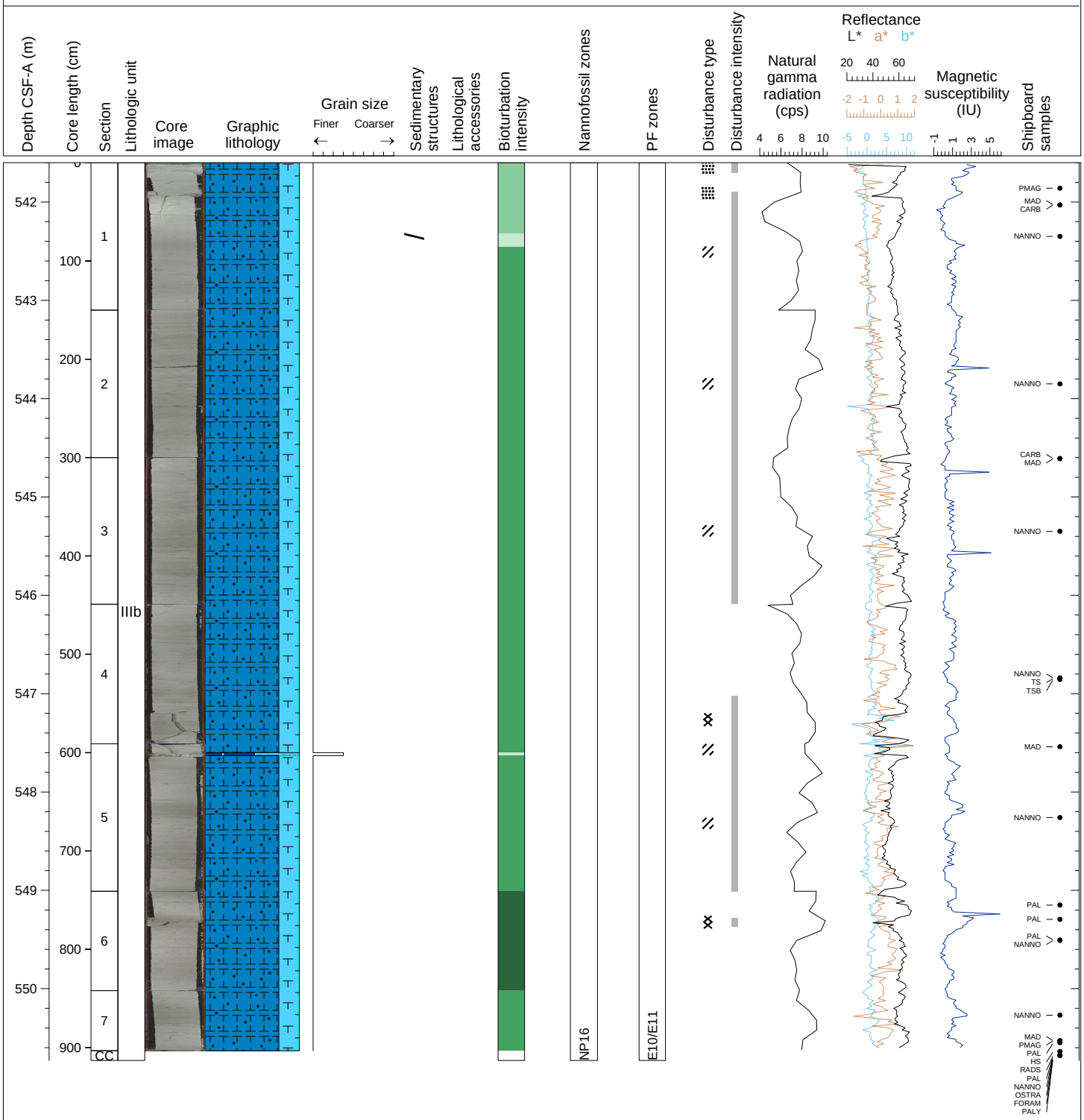
Hole 371-U1508C Core 19R, Interval 536.6-537.12 m (CSF-A)

U1508C-19R is a slightly bioturbated light greenish gray limestone, with green lamina occurring in the top 25 cm of section 1. The lamina are tilted at about 12 degrees.



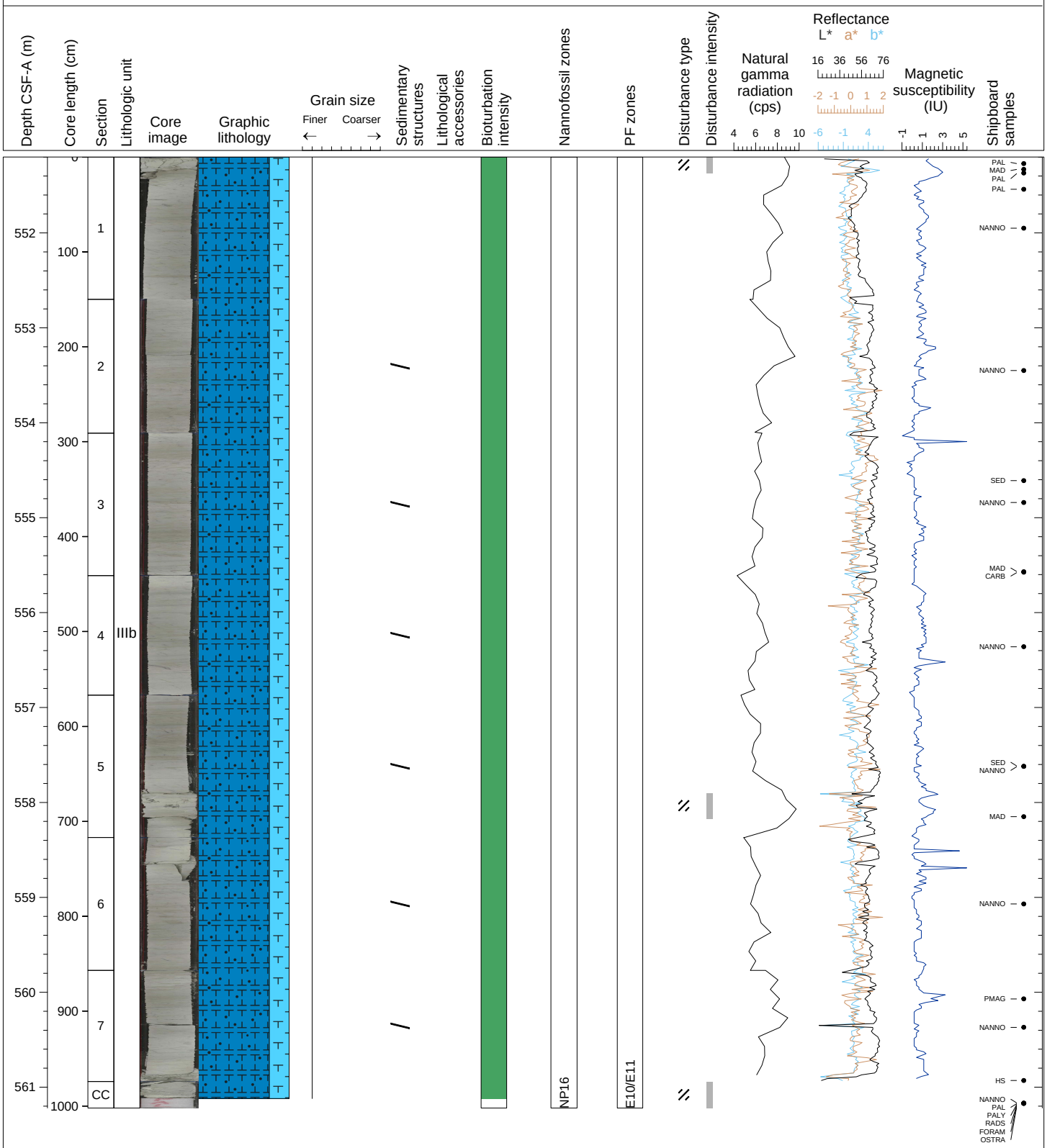
Hole 371-U1508C Core 20R, Interval 541.6-550.73 m (CSF-A)

U1508C-20R is a slight to heavily bioturbated light greenish gray limestone, with green lamina occurring throughout. The lamina are tilted at about 12 degrees.



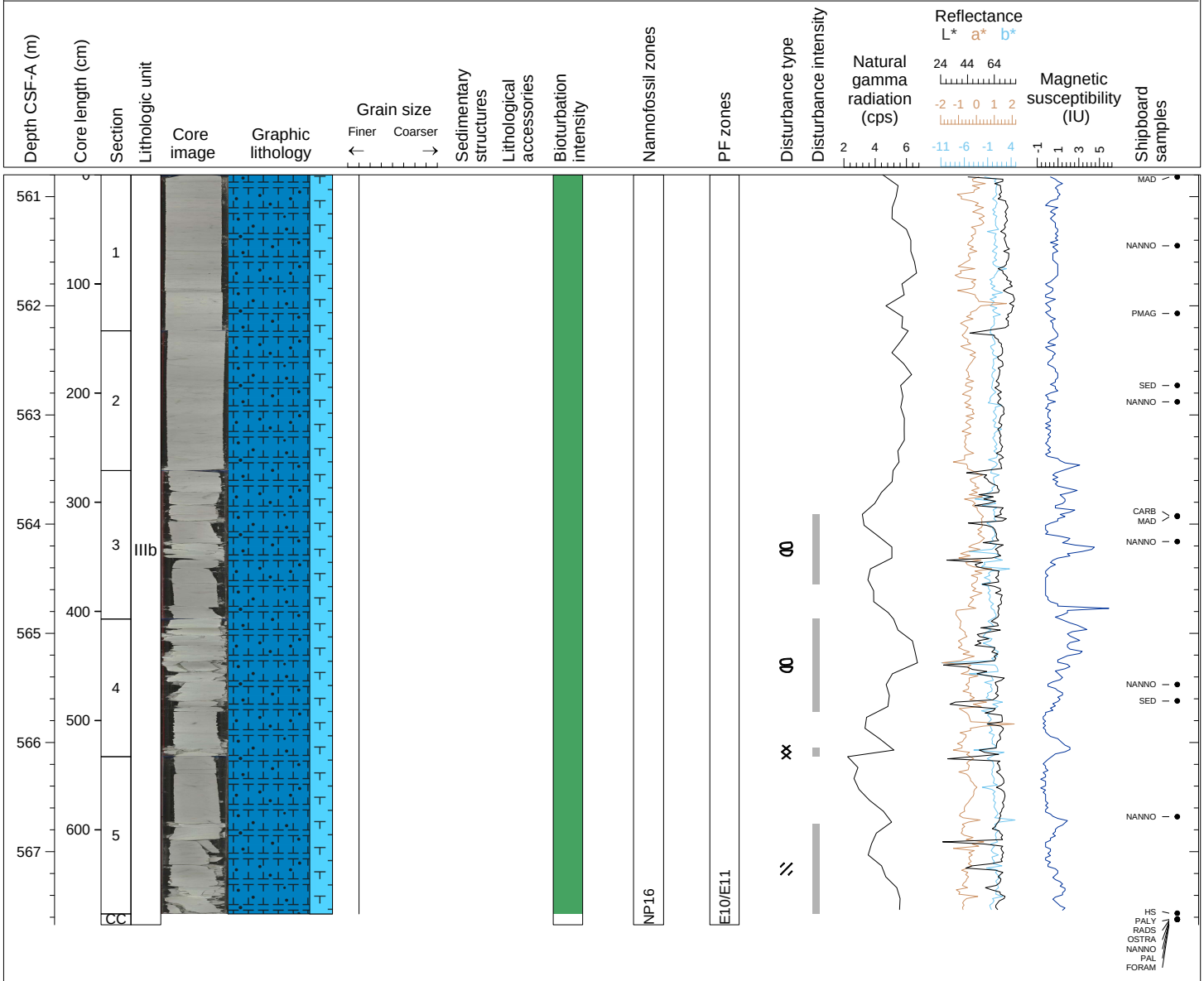
Hole 371-U1508C Core 21R, Interval 551.2-561.22 m (CSF-A)

U1508C-21R is moderately bioturbated light greenish gray nannofossil chalk with foraminifers. Pale green lamina occur throughout.



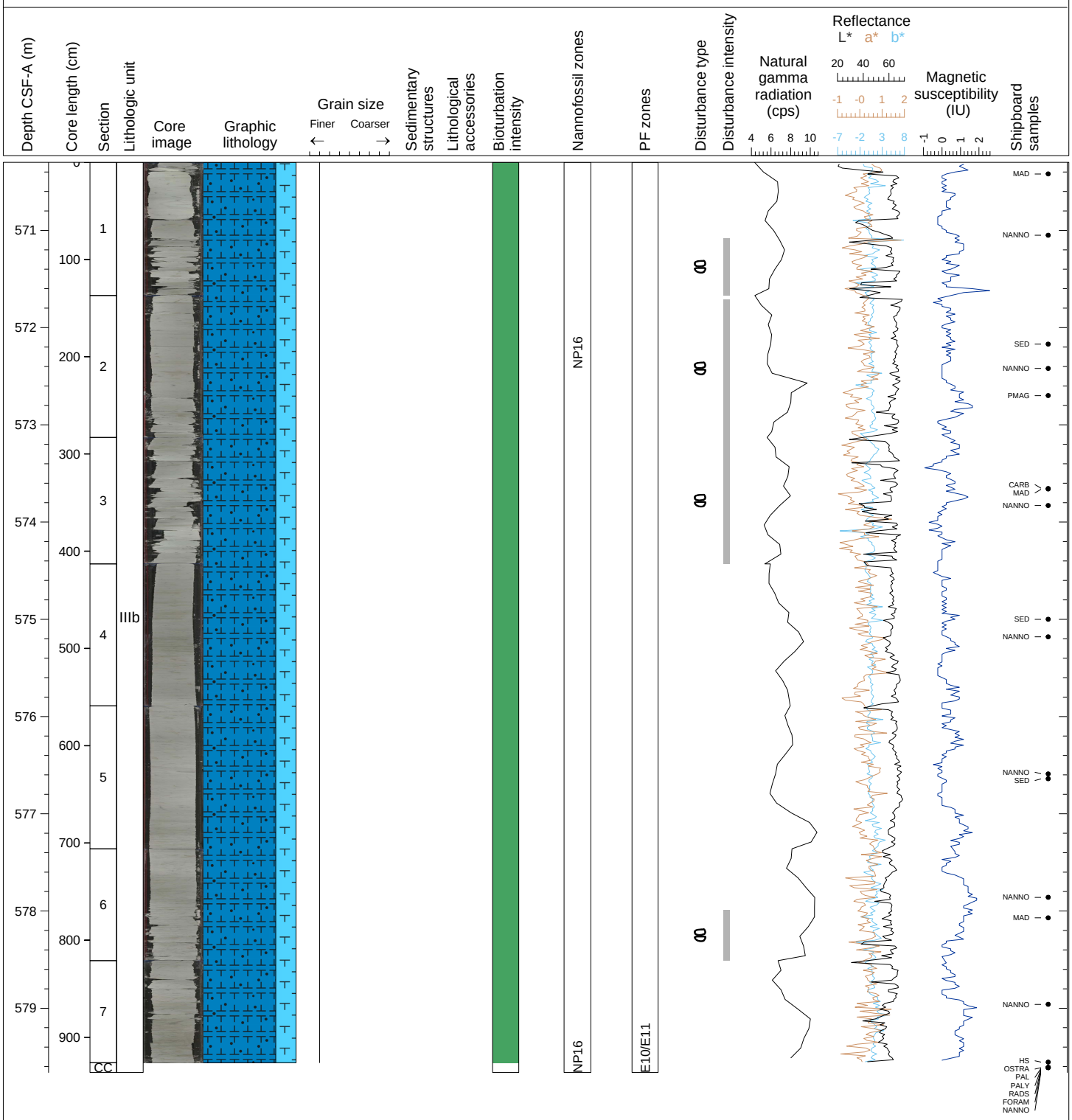
Hole 371-U1508C Core 22R, Interval 560.8-567.67 m (CSF-A)

U1508C-22R is moderately bioturbated light greenish gray nannofossil chalk with foraminifers. Pale green lamina and diagenetic halo occur throughout. Core is moderately biscuited by drilling disturbance



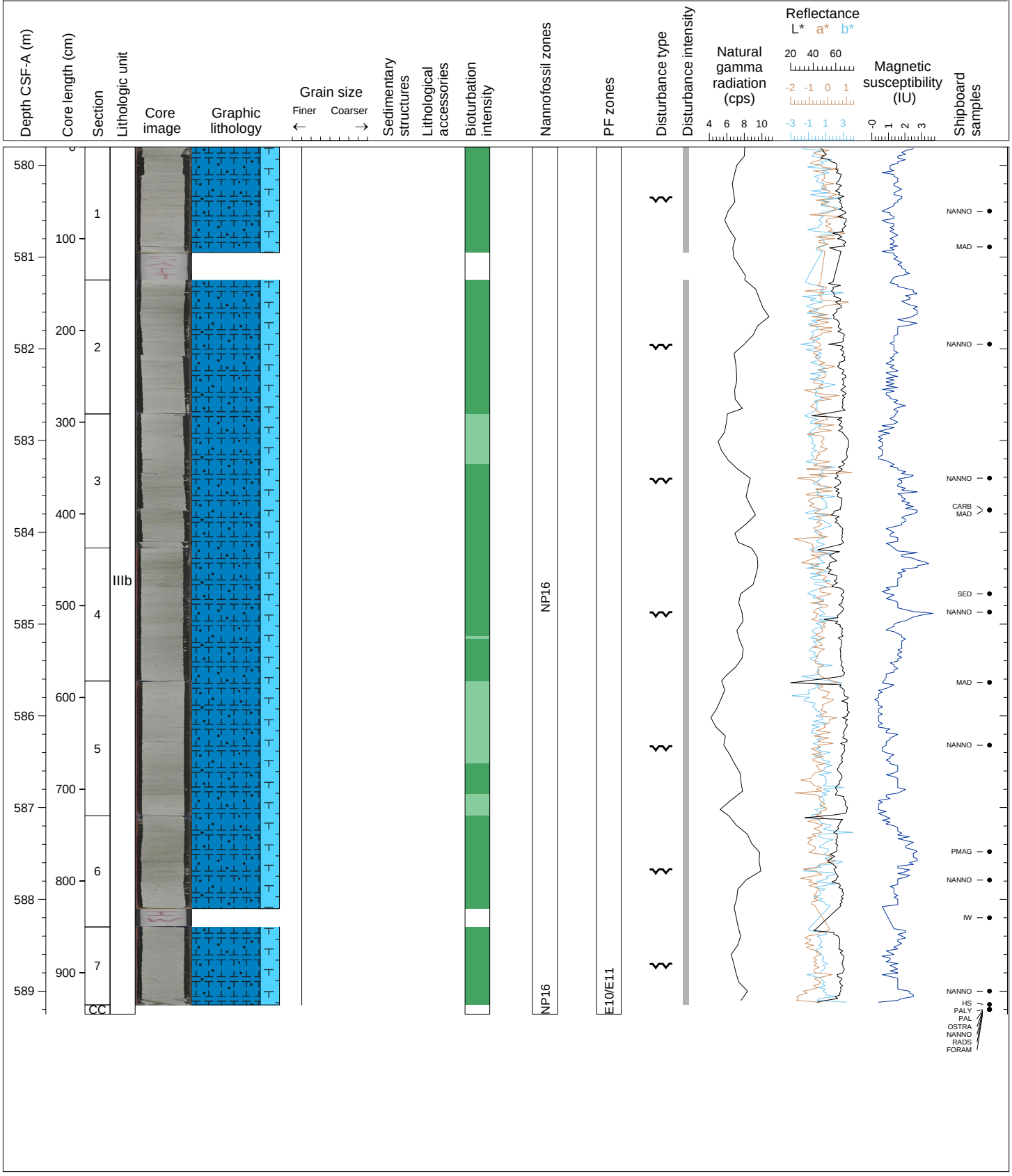
Hole 371-U1508C Core 23R, Interval 570.3-579.66 m (CSF-A)

U1508C-23R is moderately bioturbated light greenish gray nannofossil chalk with foraminifers. Pale green lamina and diagenetic halo occur throughout.



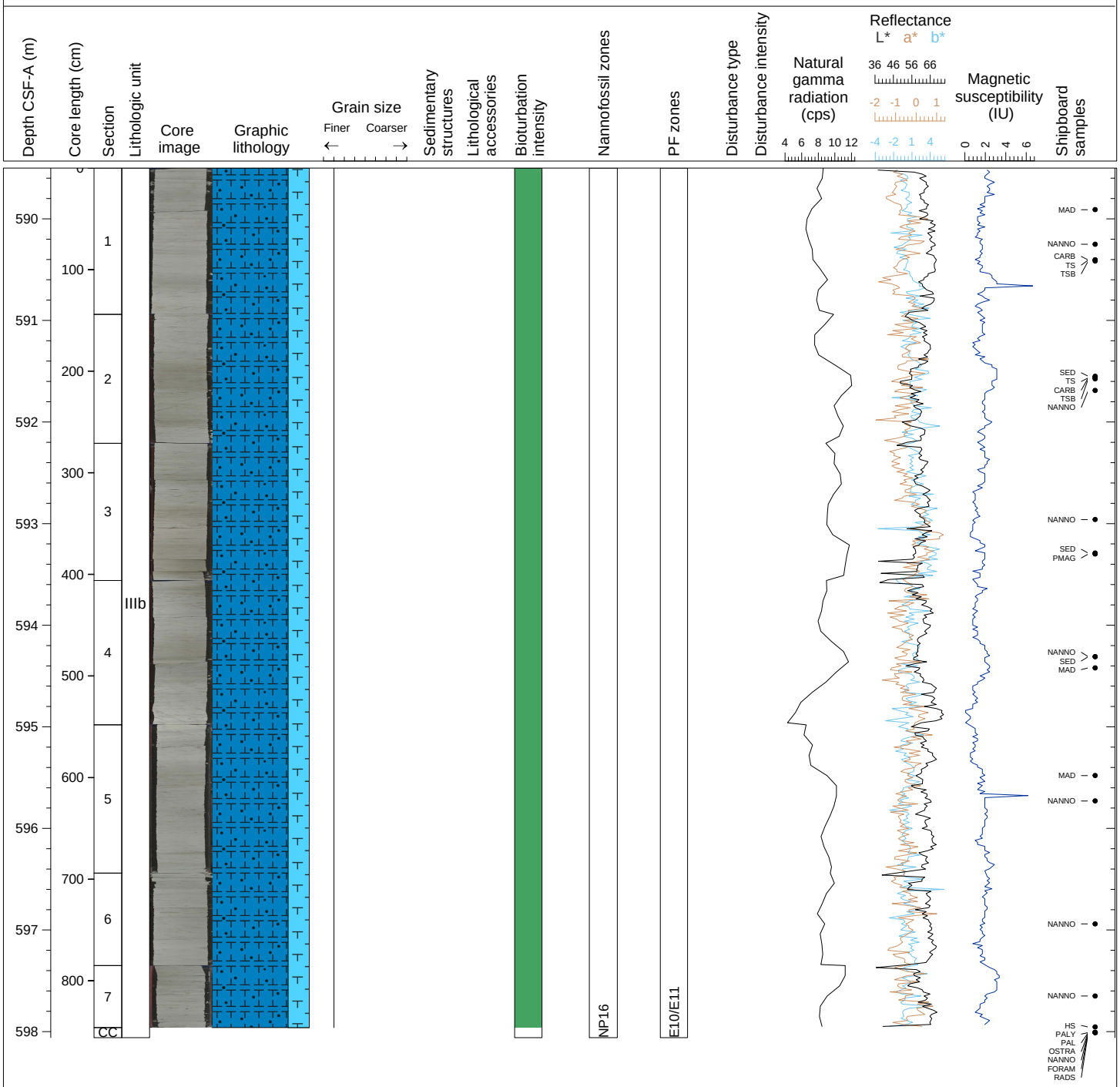
Hole 371-U1508C Core 24R, Interval 579.8-589.25 m (CSF-A)

U1508C-24R is a dm-scale color banded light greenish gray to white nannofossil chalk with foraminifers. Pale green lamina and diagenetic halo occur throughout.



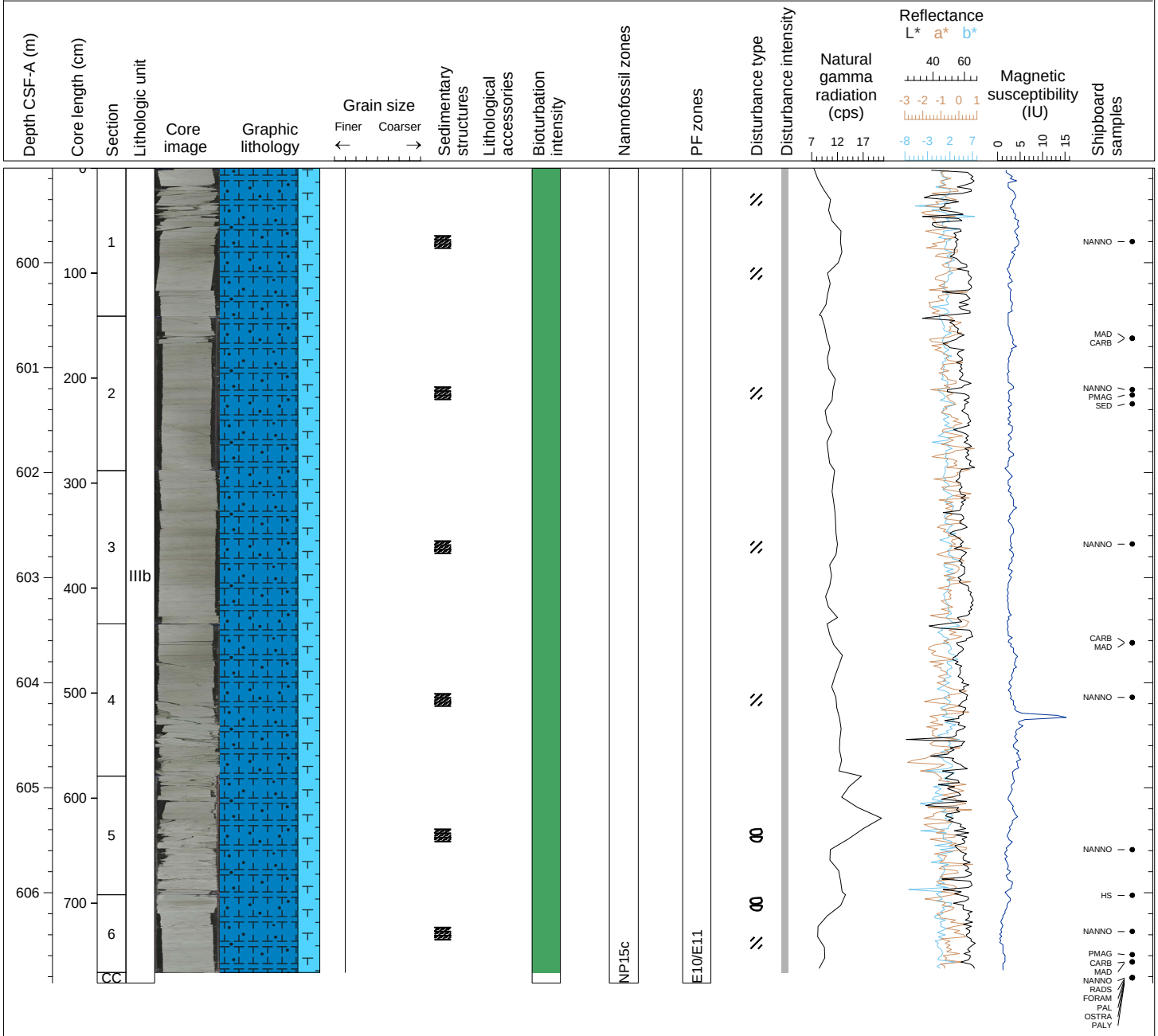
Hole 371-U1508C Core 25R, Interval 589.5-598.06 m (CSF-A)

U1508C-25R is a several dm-scale color banded light greenish gray (GLEY 1 7/5GY to GLEY 1 8/10GY) nannofossil chalk with foraminifers. The darker intervals are more heavily bioturbated. Pale green lamina, pyrite blebs, and diagenetic halo occur throughout.



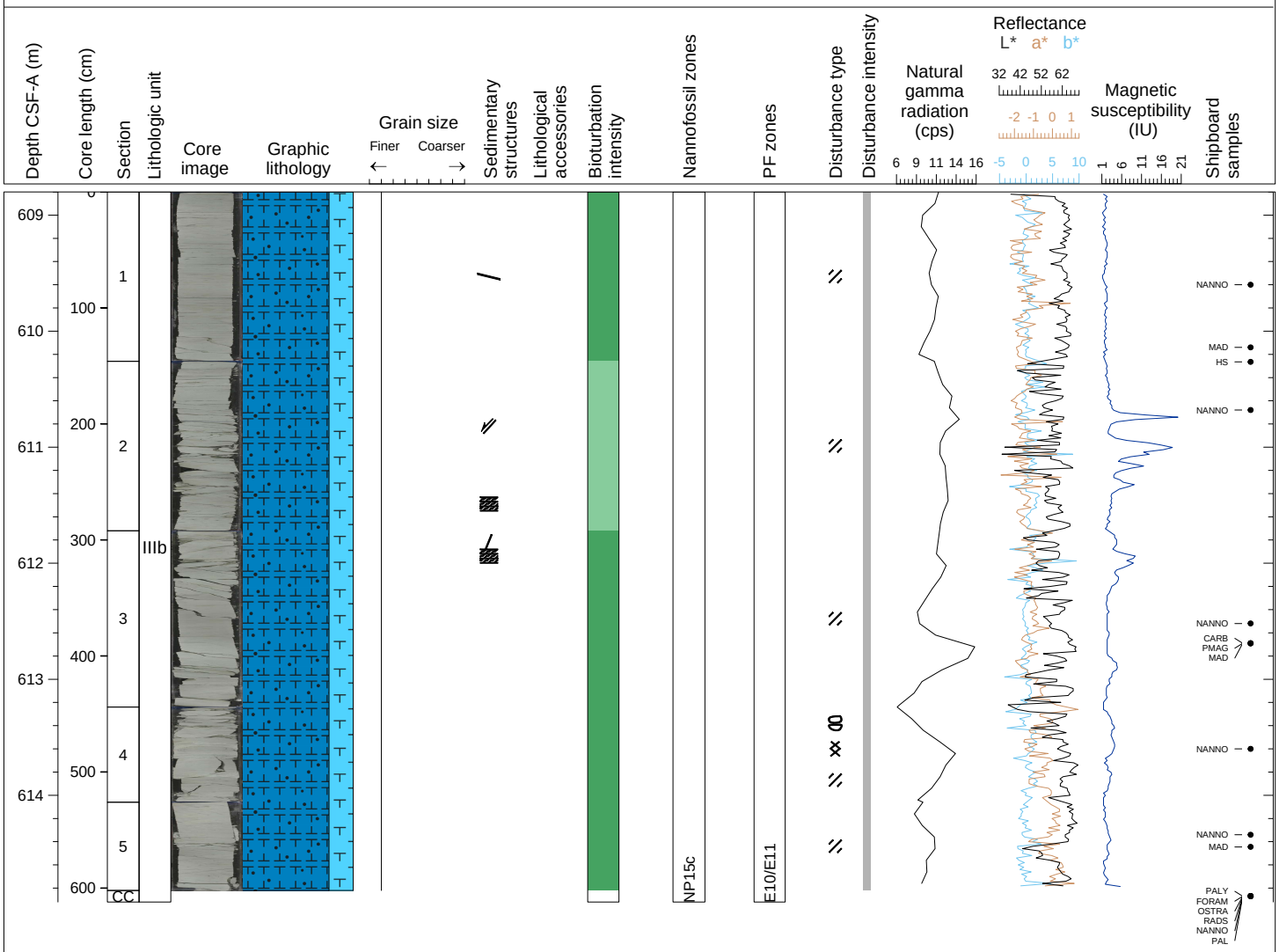
Hole 371-U1508C Core 26R, Interval 599.1-606.86 m (CSF-A)

U1508C-26R is a several dm-scale color banded light greenish gray (GLEY 1 7/5GY to GLEY 1 8/10GY) nannofossil chalk with foraminifers. The darker intervals are more heavily bioturbated. Pale green lamina, pyrite blebs, and diagenetic halos occur throughout. Shear veins are observed in several places of the core. In addition, a flow structure is observed in section 2 between 86 and 91 cm.



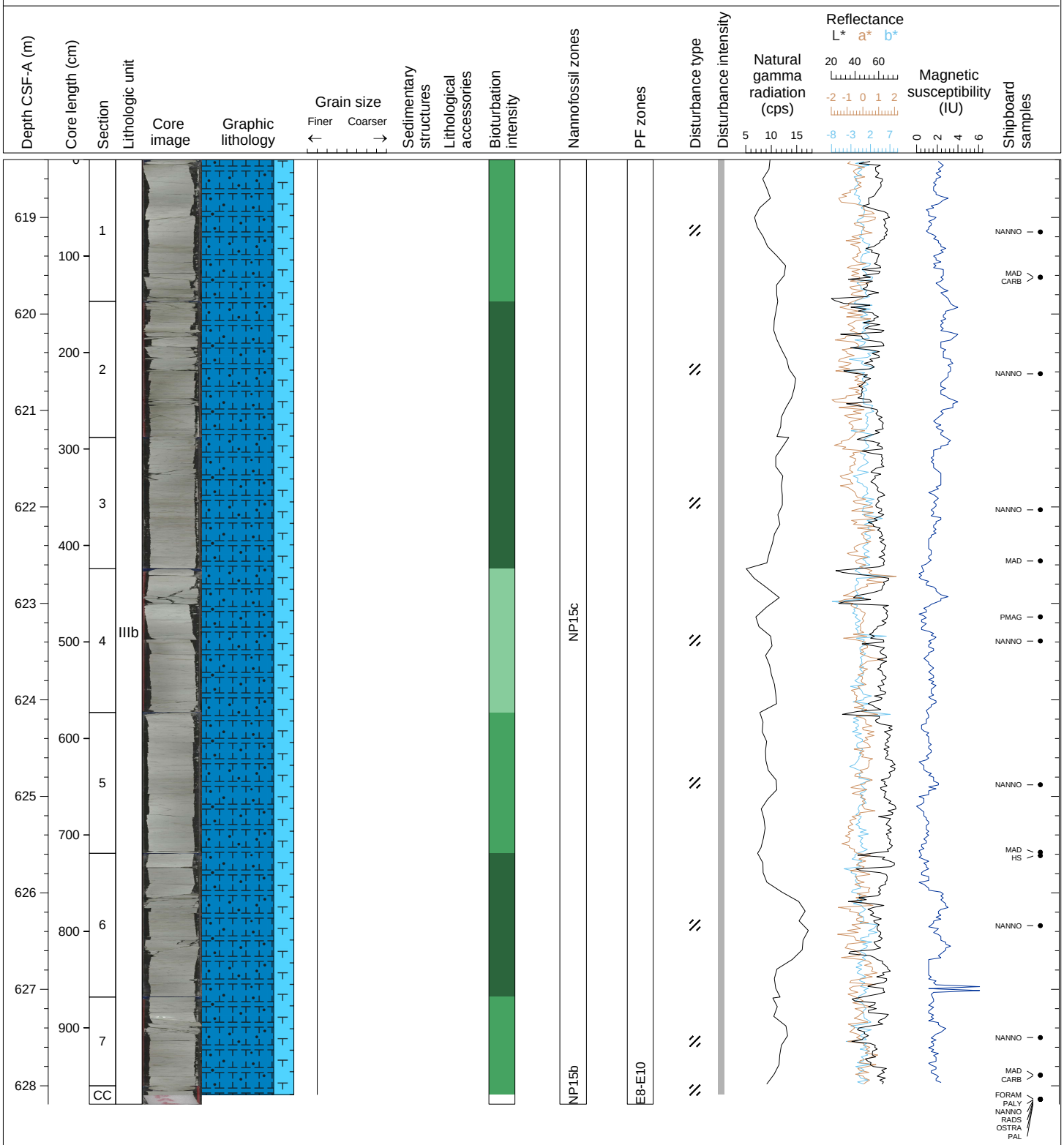
Hole 371-U1508C Core 27R, Interval 608.8-614.92 m (CSF-A)

U1508C-27R is a light greenish gray (GLEY 1 7/5GY to GLEY 1 8/10GY), moderately to slightly bioturbated nannofossil chalk with foraminifers. Pale green lamina, pyrite blebs, and diagenetic halos occur throughout. Shear veins are observed in several places of the core.



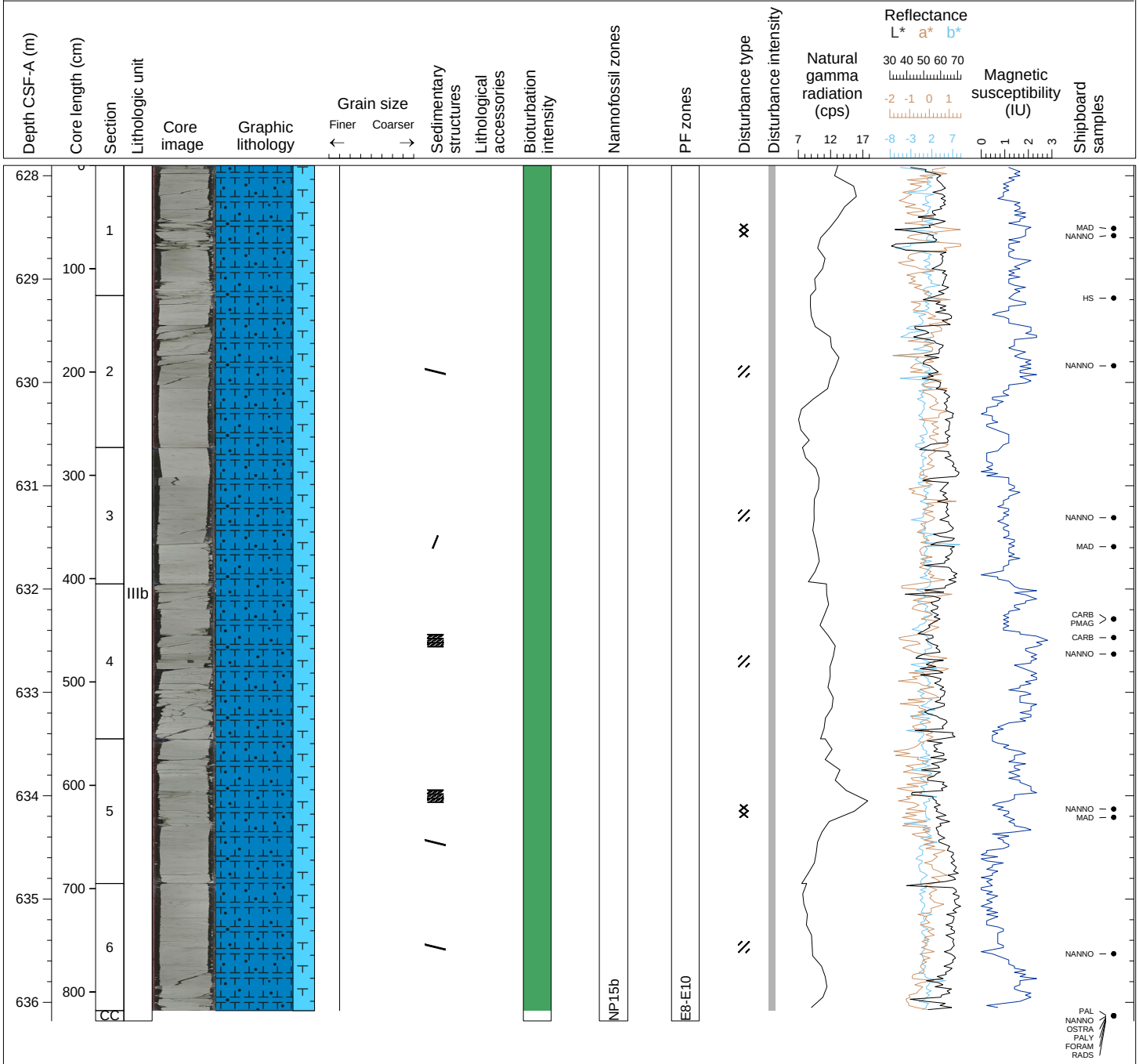
Hole 371-U1508C Core 28R, Interval 618.4-628.19 m (CSF-A)

U1508C-28R is a light greenish gray (GLEY 1 7/5GY to GLEY 1 8/10GY), overall moderately bioturbated nannofossil chalk with foraminifers. Pale green lamina, pyrite blebs, and diagenetic halos occur throughout. Shear veins are observed in some places of the core. Distinct color banding (greenish grey - GLEY 1 7/5GY) at the decimeter scale is observed throughout the core. These intervals of relatively darker color appear to have higher bioturbation.



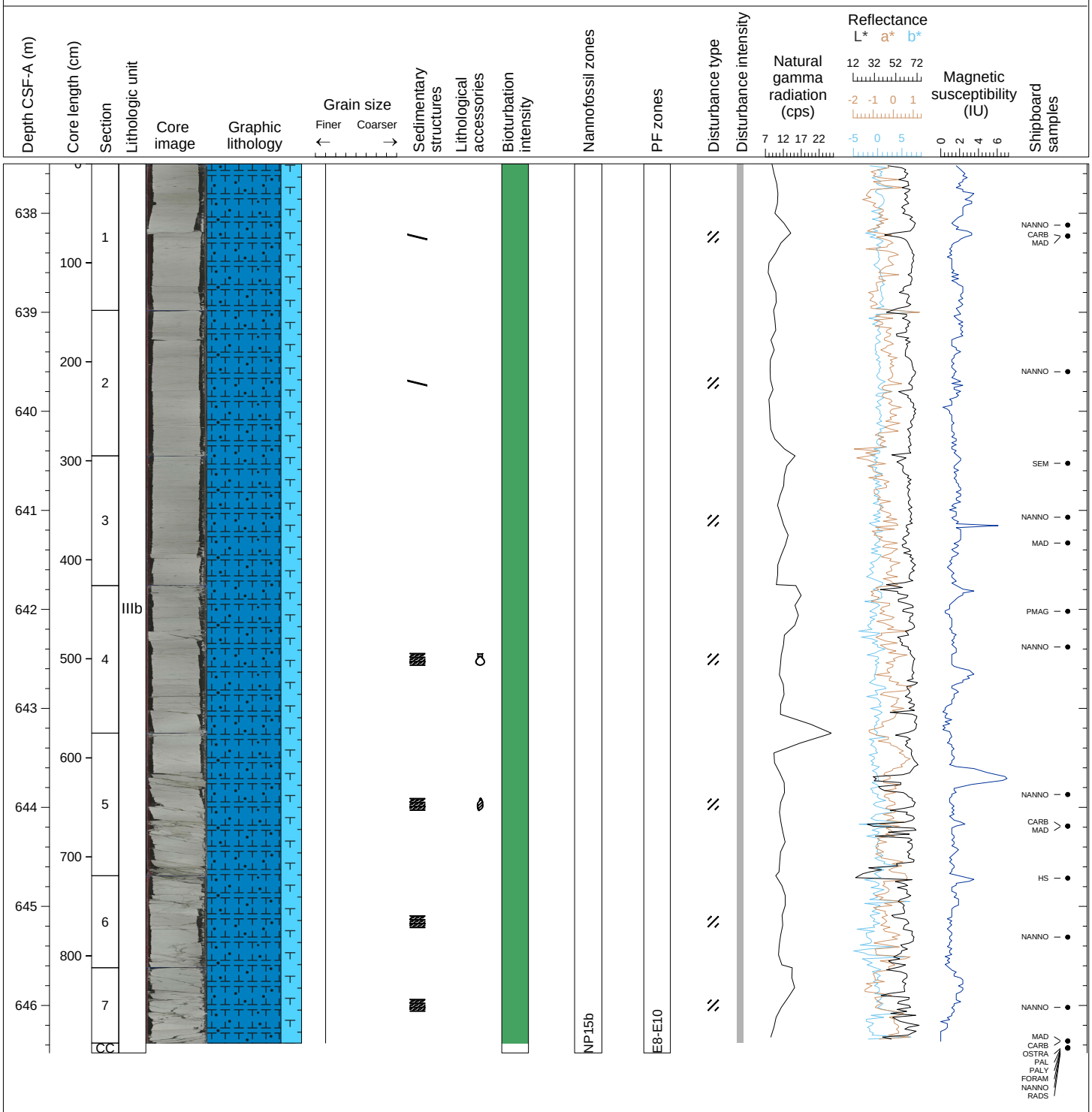
Hole 371-U1508C Core 29R, Interval 627.9-636.18 m (CSF-A)

U1508C-29R is a light greenish gray (GLEY 1 7/5GY to GLEY 1 8/10GY), overall moderately bioturbated nannofossil chalk with foraminifers. Pale green lamina, pyrite blebs, and diagenetic halos occur throughout. Shear veins are observed in some places of the core. Distinct color banding (greenish grey - GLEY 1 7/5GY) at the decimeter scale is observed throughout the core. These intervals of relatively darker color appear to have higher bioturbation.



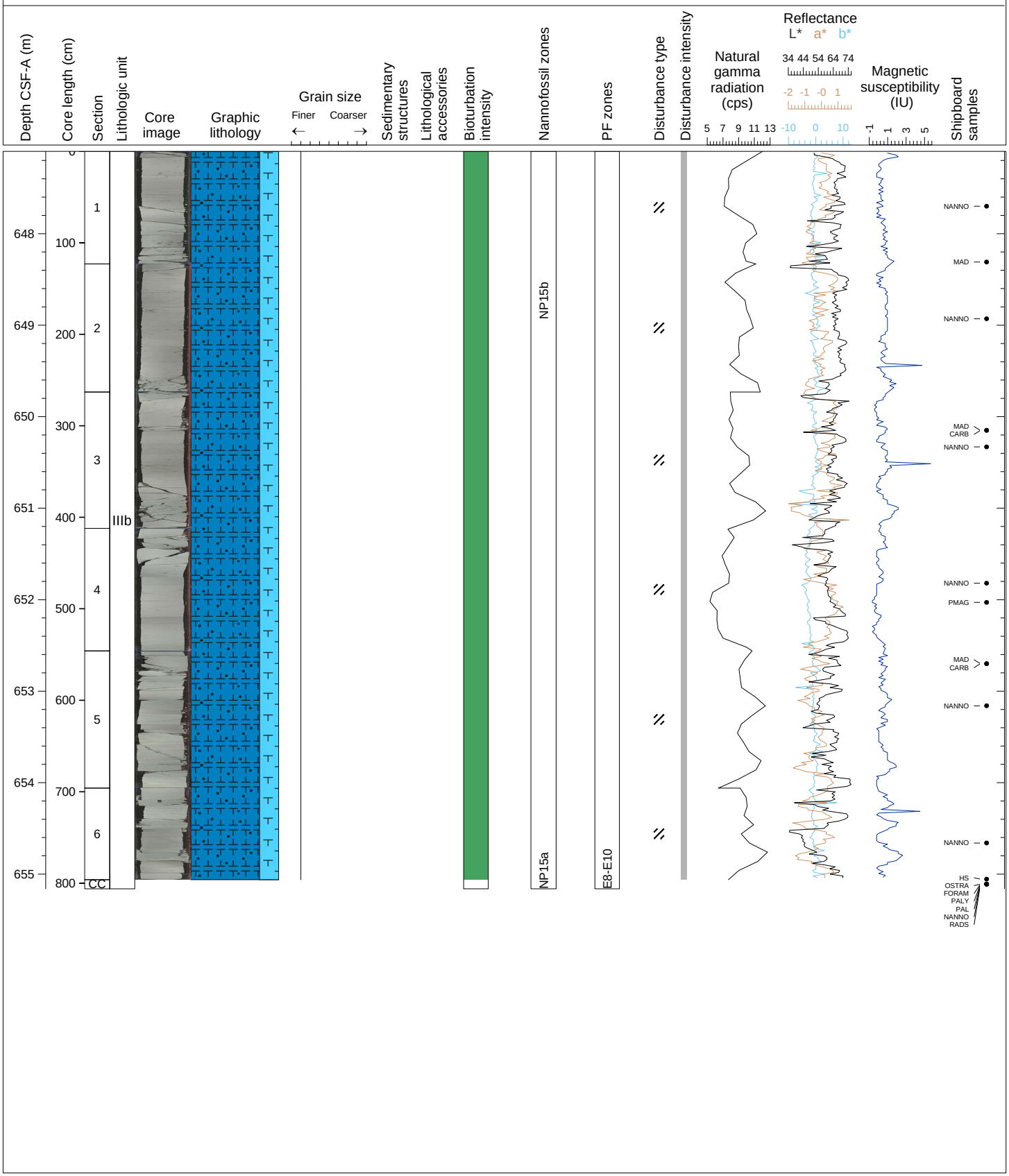
Hole 371-U1508C Core 30R, Interval 637.5-646.48 m (CSF-A)

U1508C-30R is a light greenish gray (GLEY 1 8/10GY), overall moderately bioturbated nannofossil chalk with foraminifers. Pale green lamina, pyrite blebs, and diagenetic halos occur throughout. Shear veins are observed sporadically within the core. Distinct color banding (greenish grey - GLEY 1 7/5GY) varying in thickness from centimeter to decimeter scale is observed throughout the core. A bivalve shell and a gastropod shell have been found in sections 4 and 5 respectively.



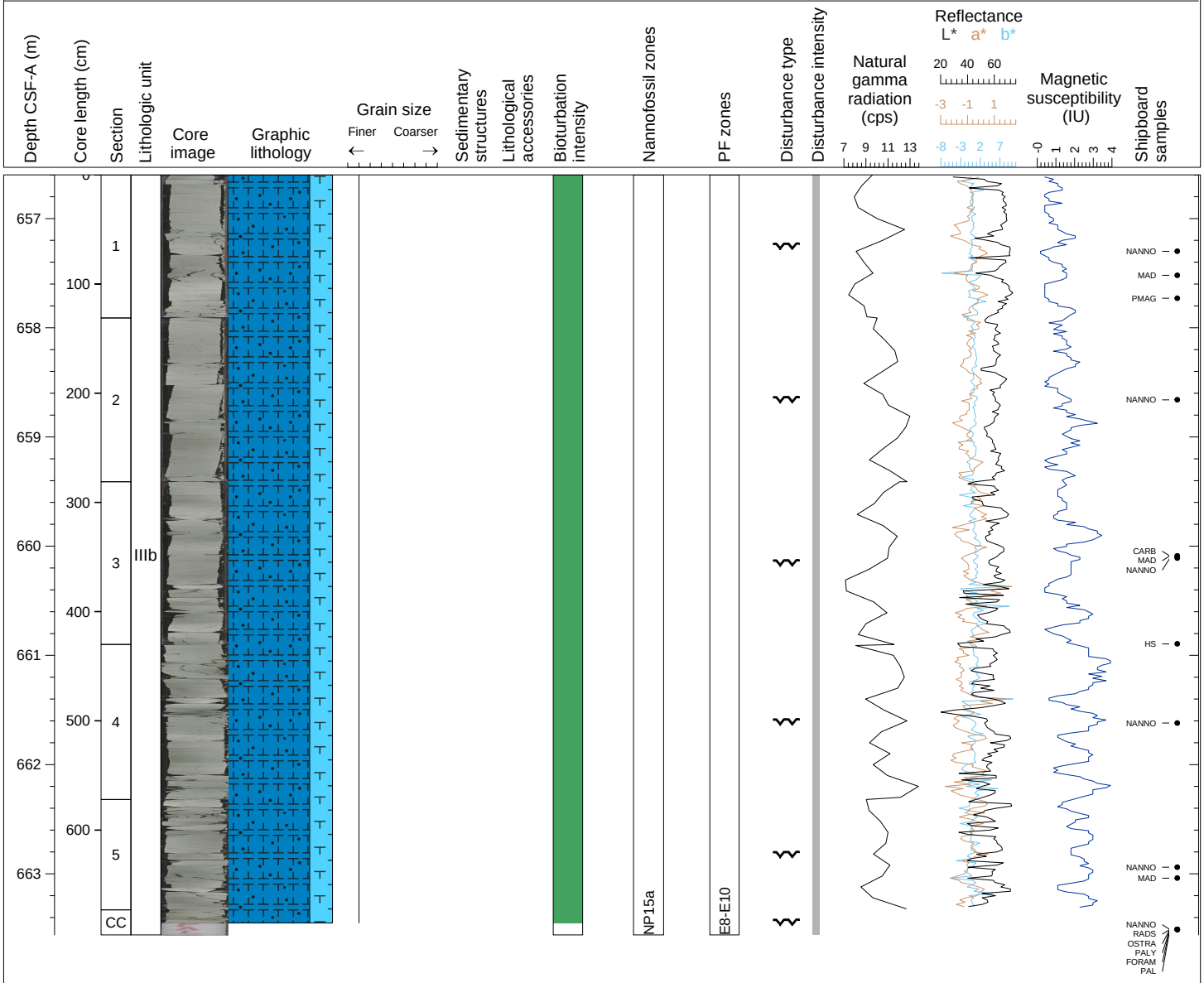
Hole 371-U1508C Core 31R, Interval 647.1-655.16 m (CSF-A)

U1508C-31R is a light greenish gray (GLEY 1 8/10GY), overall moderately bioturbated nannofossil chalk with foraminifers. Pale green lamina and diagenetic halos occur throughout the core. Multi-mm to cm sized pyrite nodules occur in sections 1-3. Shear veins are observed in some places of the core. Subtle color banding (greenish grey - GLEY 1 7/5GY) at the decimeter scale is observed throughout the core.



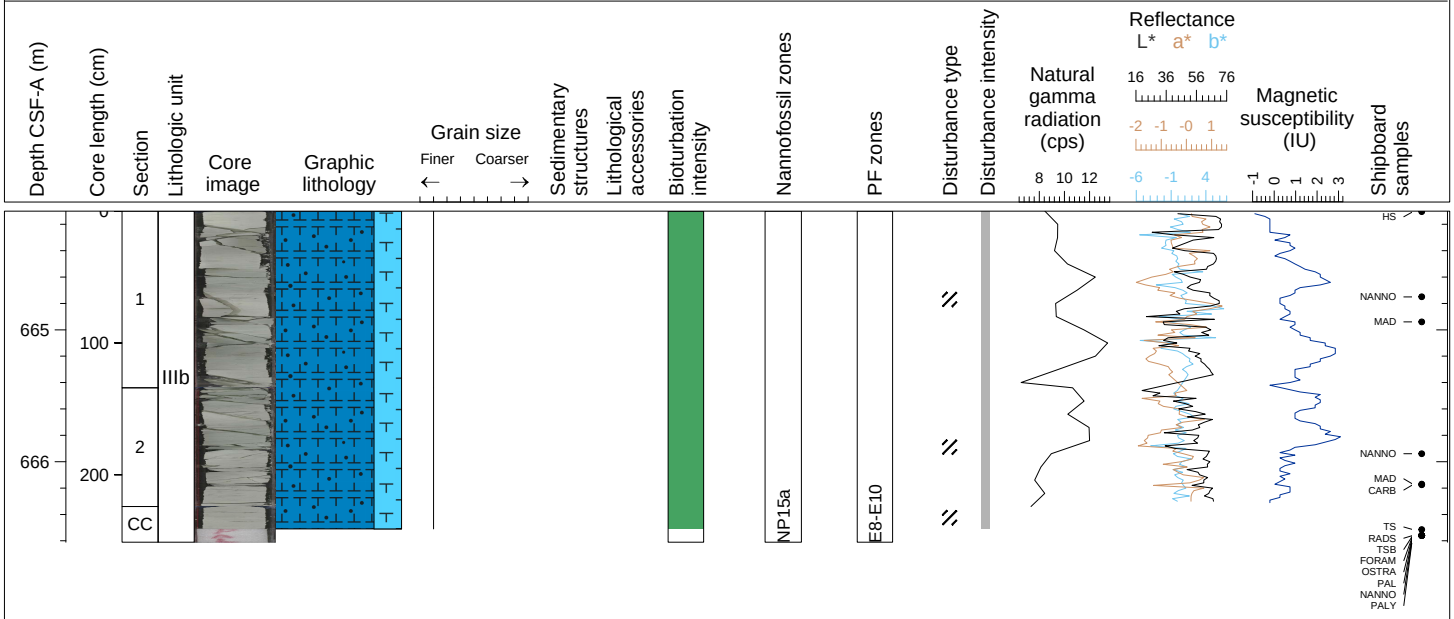
Hole 371-U1508C Core 32R, Interval 656.6-663.56 m (CSF-A)

U1508C-32R is a light greenish gray (GLEY 1 8/10GY), overall moderately bioturbated nannofossil chalk with foraminifers. Multi-mm to cm sized pyrite nodules occur in sections 1.



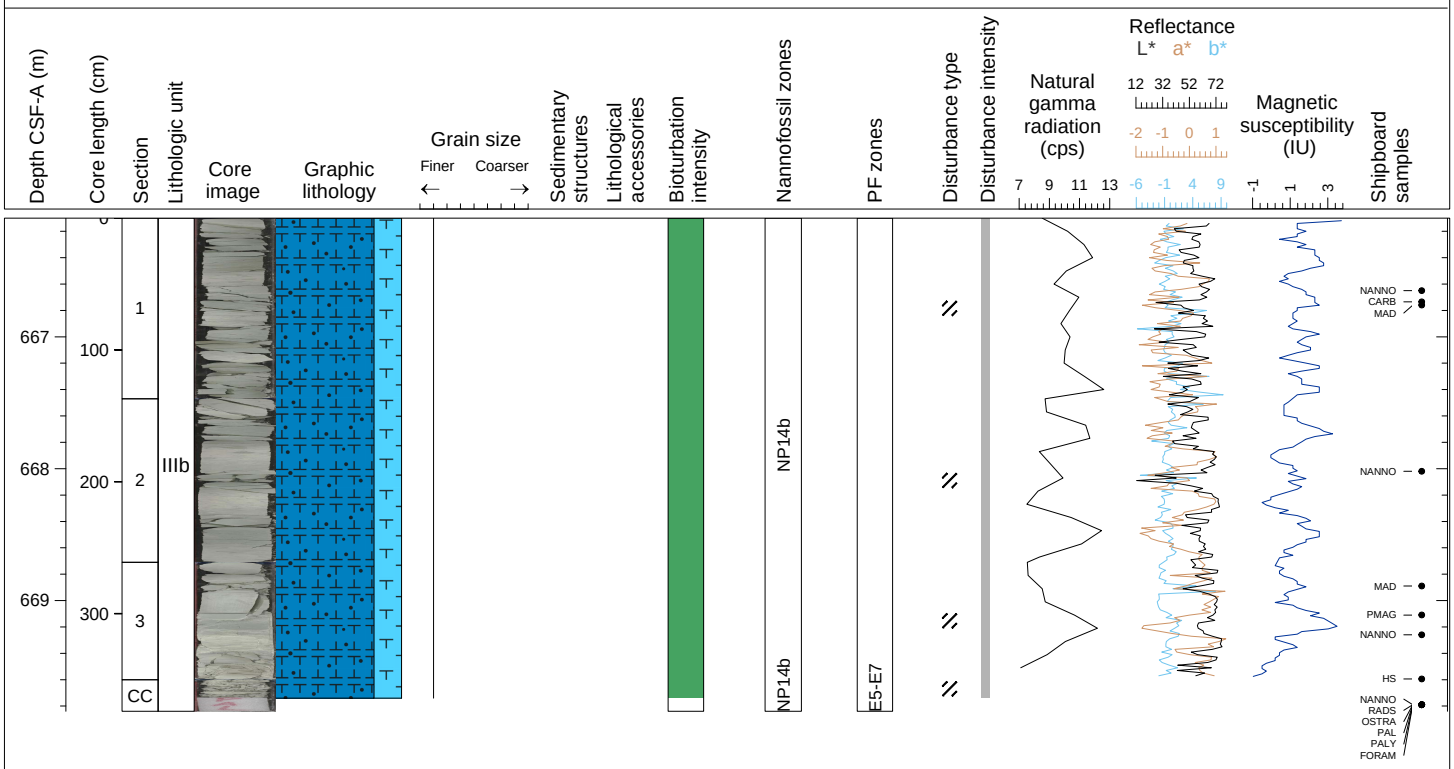
Hole 371-U1508C Core 33R, Interval 664.1-666.61 m (CSF-A)

U1508C-33R is a light greenish gray (GLEY 1 7/10GY), overall moderately bioturbated nannofossil chalk with foraminifers.



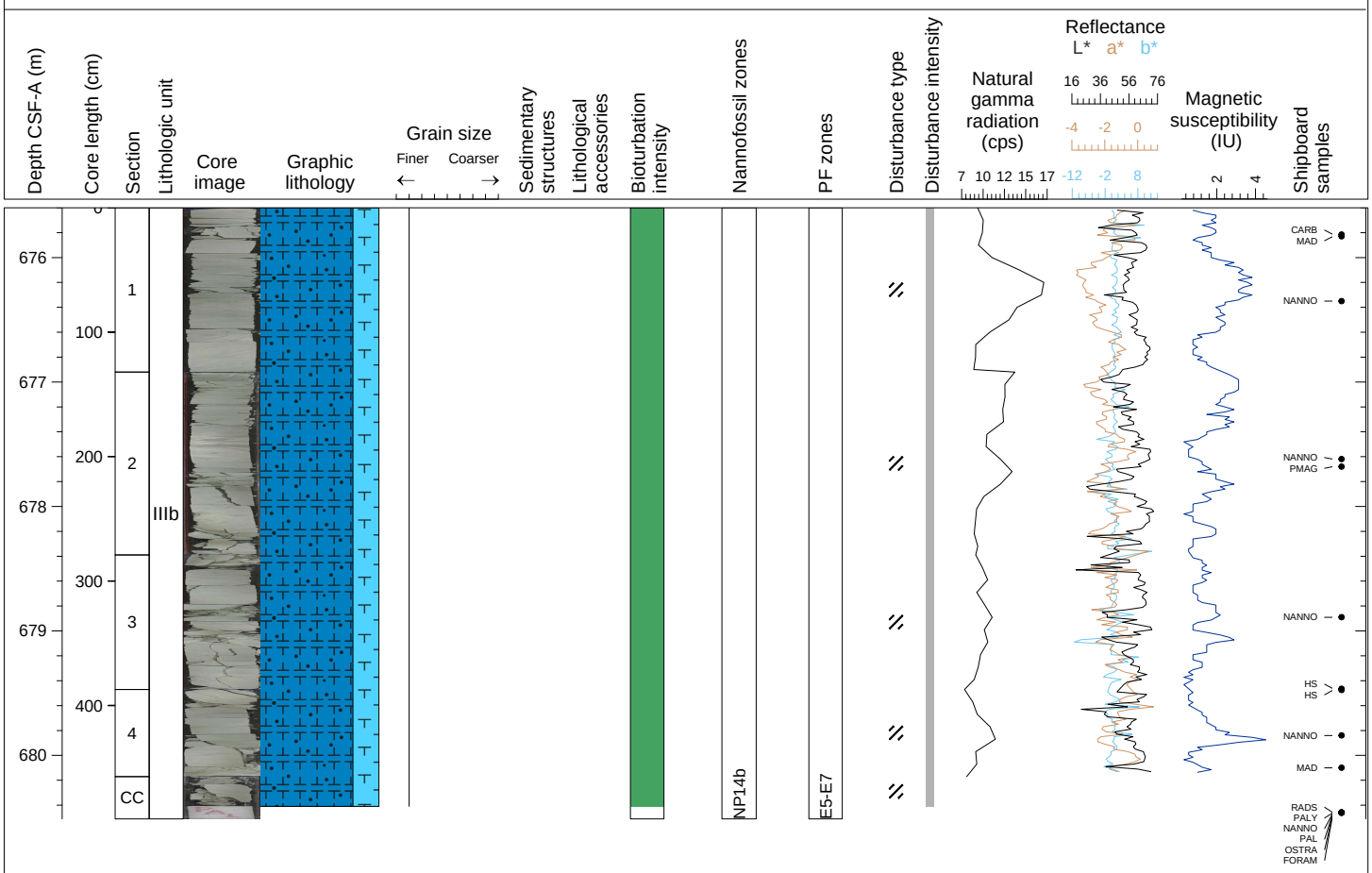
Hole 371-U1508C Core 34R, Interval 666.1-669.84 m (CSF-A)

U1508C-34R is light greenish gray (GLEY 1 7/10GY) nannofossil chalk with foraminifers. Decimeter-scale color banding and abundant bioturbation throughout.



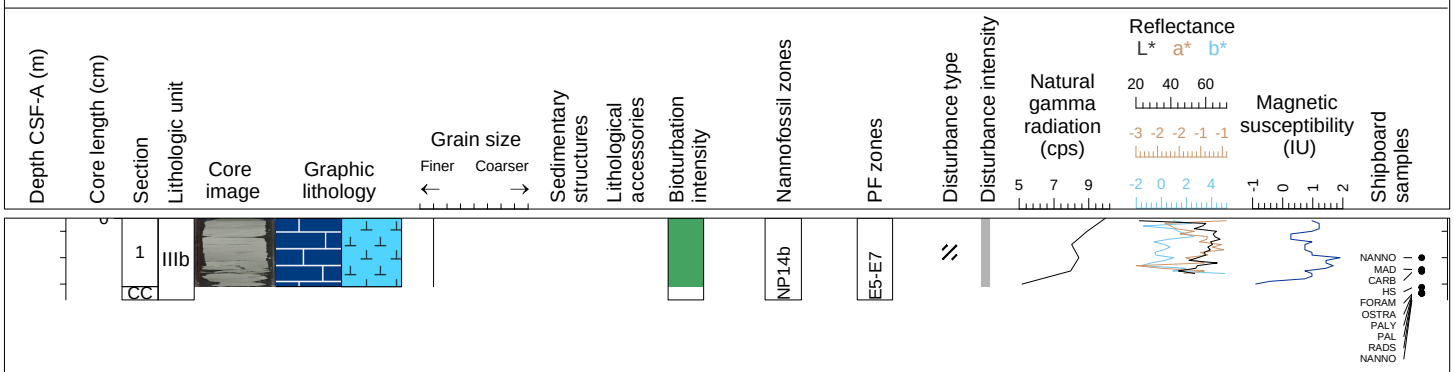
Hole 371-U1508C Core 35R, Interval 675.6-680.51 m (CSF-A)

U1508C-35R is light greenish gray (GLEY 1 7/10GY) nannofossil chalk with foraminifers. Decimeter-scale color banding and abundant bioturbation throughout.



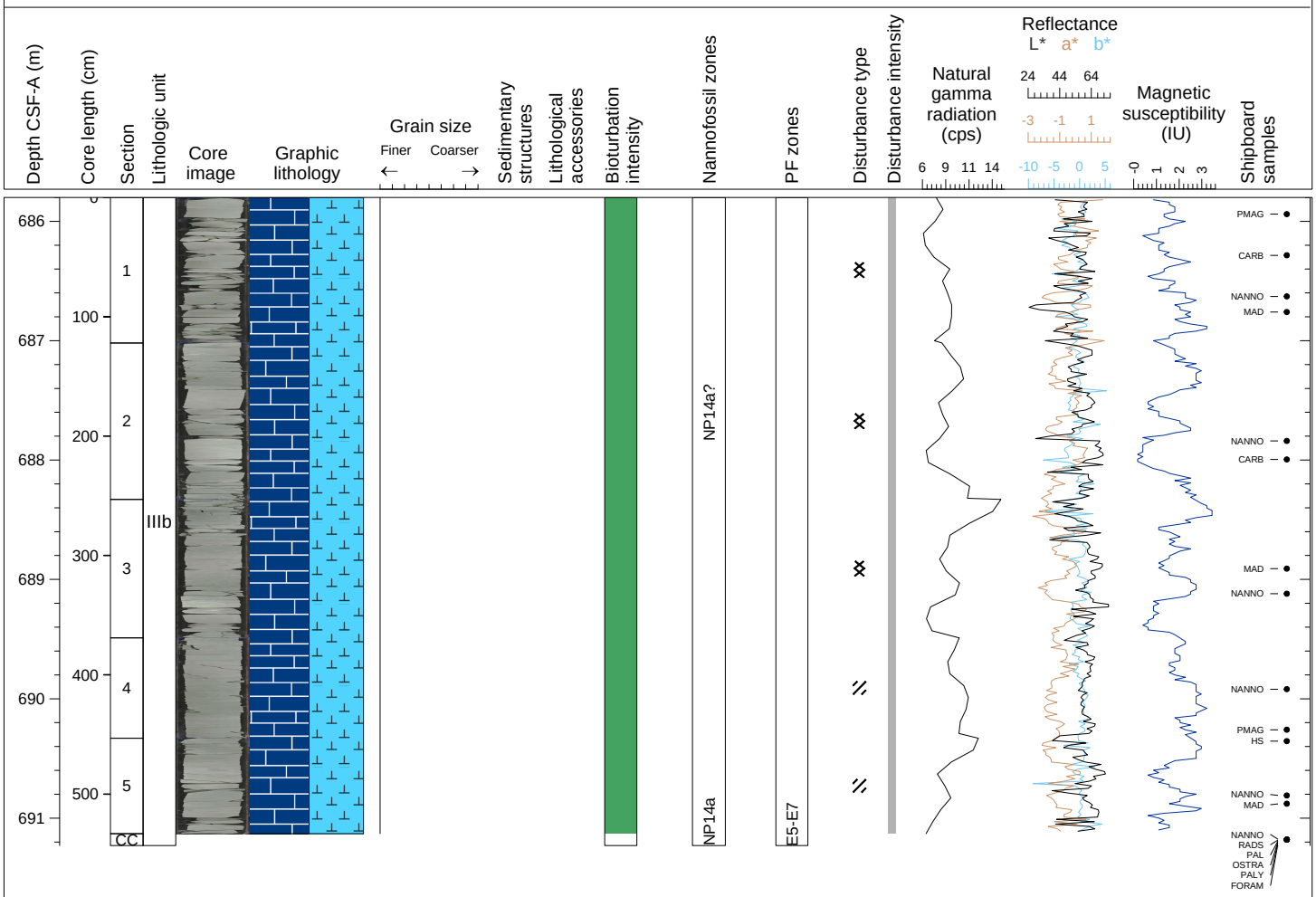
Hole 371-U1508C Core 36R, Interval 685.3-685.92 m (CSF-A)

U1508C-36R is light greenish gray (GLEY 1 7/10GY) nannofossil-rich limestone. Decimeter-scale color banding and abundant bioturbation throughout.



Hole 371-U1508C Core 37R, Interval 685.8-691.23 m (CSF-A)

U1508C-37R is light greenish gray (GLEY 1 7/10GY) nannofossil-rich limestone. Decimeter-scale color banding of relatively darker greenish gray are found throughout the core. Bioturbation is moderate and pyritization of burrows shows a striking decrease in abundance.



Hole 371-U1508C Core 38R, Interval 694.9-701.92 m (CSF-A)