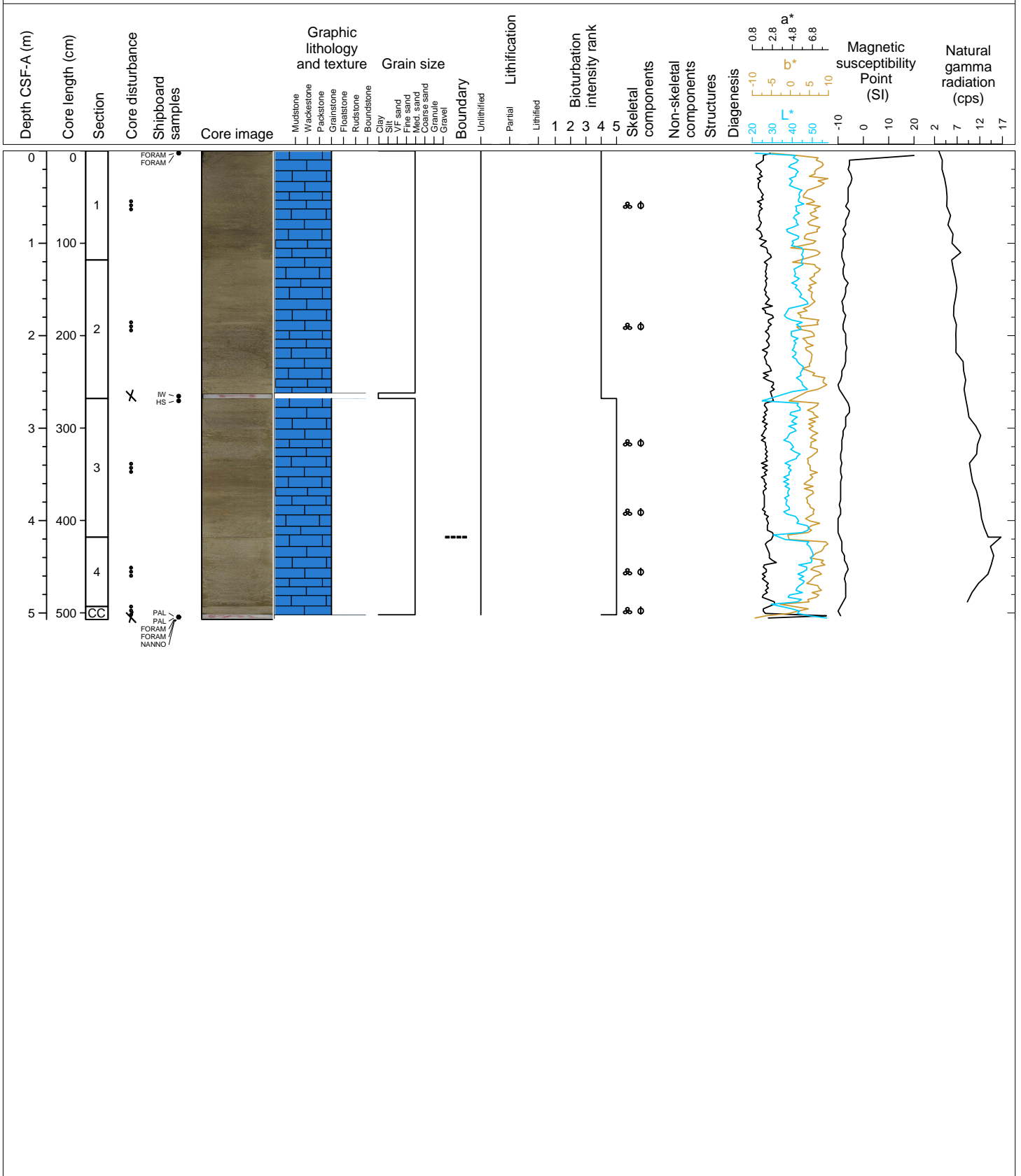


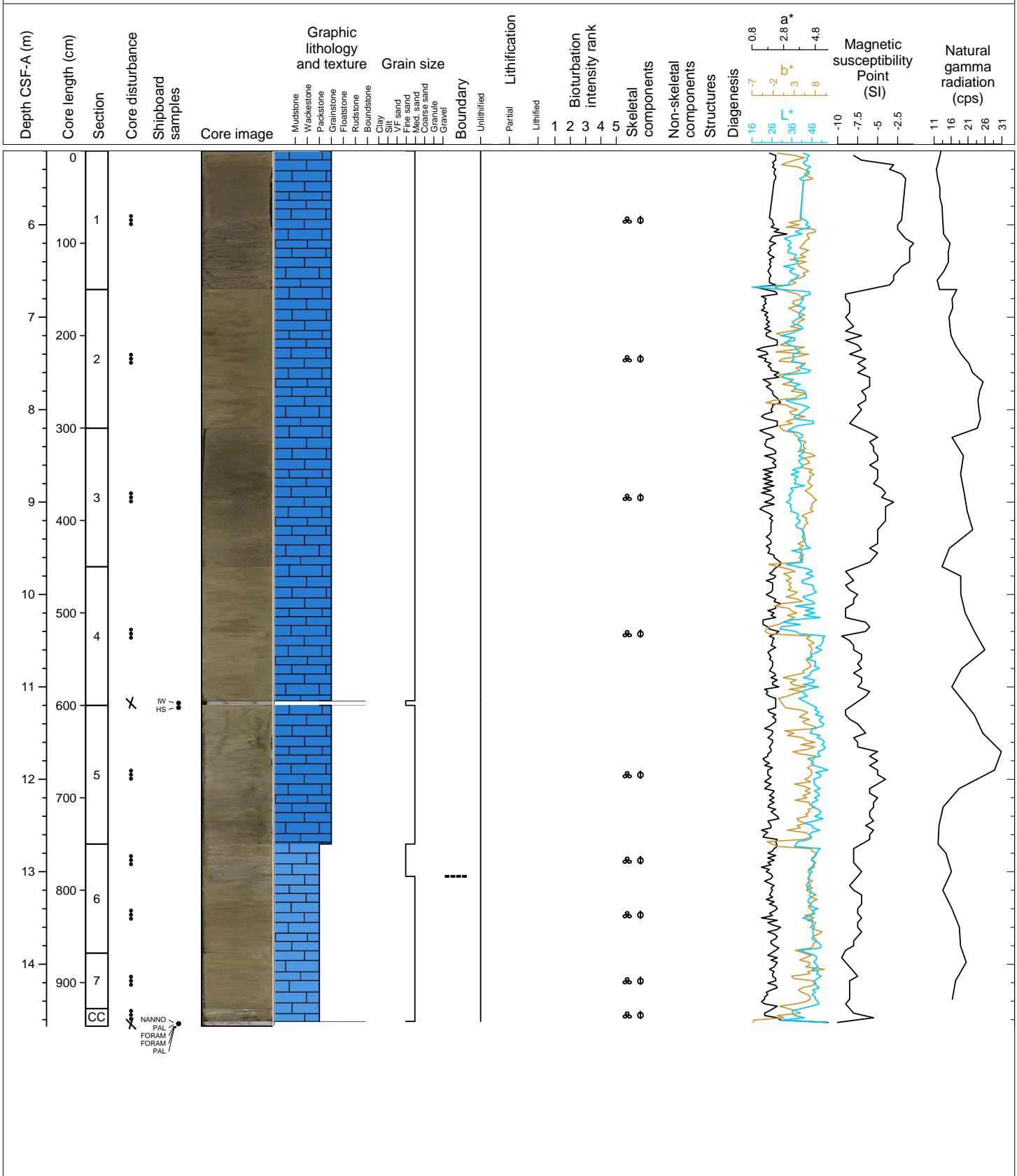
Hole 359-U1472A Core 1H, Interval 0.0-5.07 m (CSF-A)

Major lithology: Planktic foraminifera-rich GRAINSTONE to a mud lean PACKSTONE. Medium to coursed-grained, moderately sorted, dark grayish brown. Planktic foraminifera are abundant. Benthic foraminifera, Halimeda plates, pteropods, otoliths, echinoid fragments and shell fragments are common and organic matter is present. Gastropods are few and rare fish teeth. Some bioclasts with a yellow stain indicating re-working. Contacts are gradational and represent slight change in color and texture. Minor lithology: medium-grained mud lean PACKSTONE. None. Remarks: None.



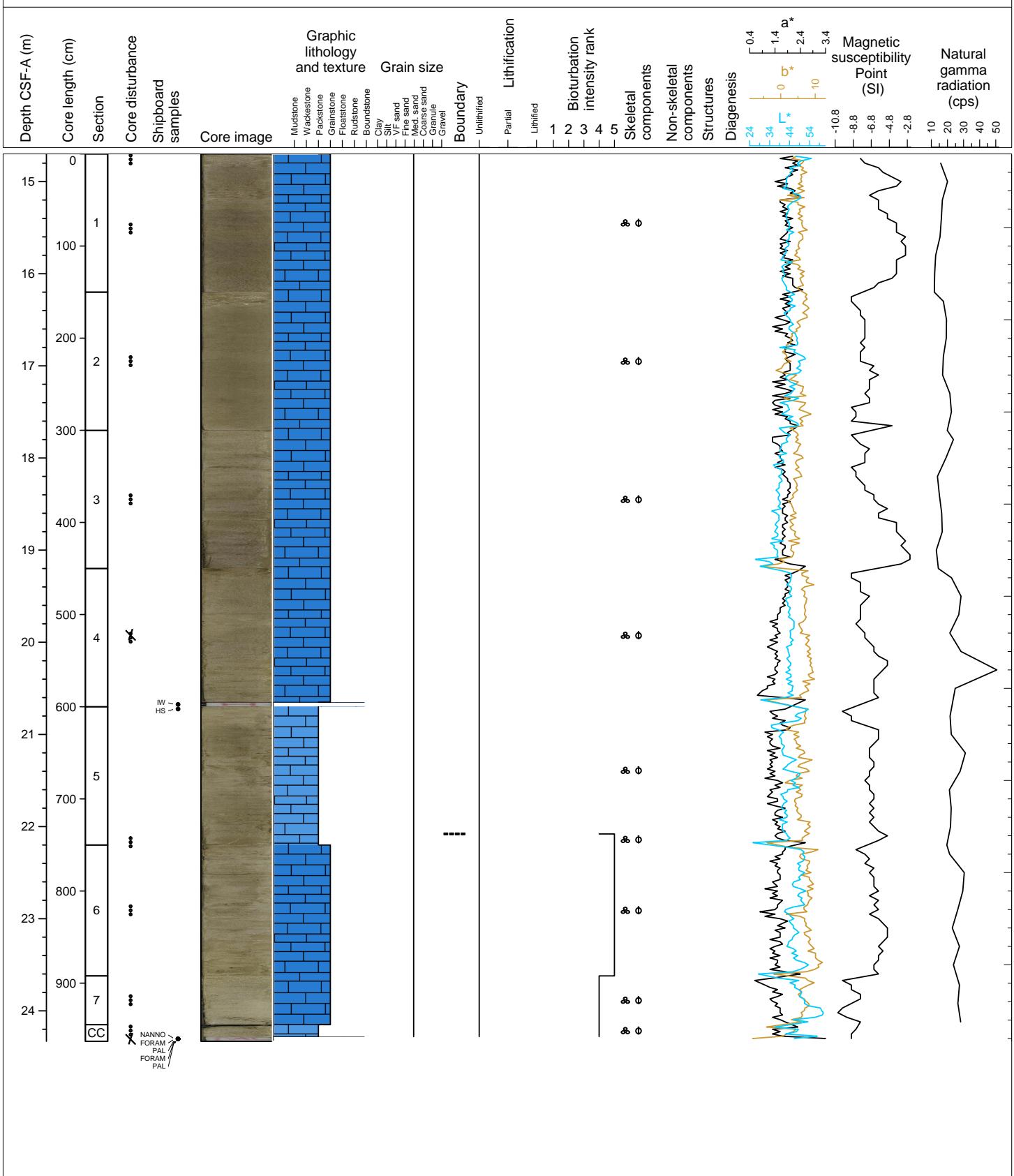
Hole 359-U1472A Core 2H, Interval 5.2-14.67 m (CSF-A)

Major lithology: Planktic foraminifera-rich GRAINSTONE grading down core to a mud lean PACKSTONE from H2-6, 00 cm. Medium-grained, moderately sorted, dark grayish brown to grayish brown. Planktic foraminifera are abundant. Benthic foraminifera, Halimeda plates, pteropods, otoliths, echinoid fragments and shell fragments are common and organic matter is present. Gastropods are few and rare fish teeth. Some bioclasts with a yellow stain indicating re-working. Contacts are gradational and represent slight change in color and texture. None. Remarks: None.



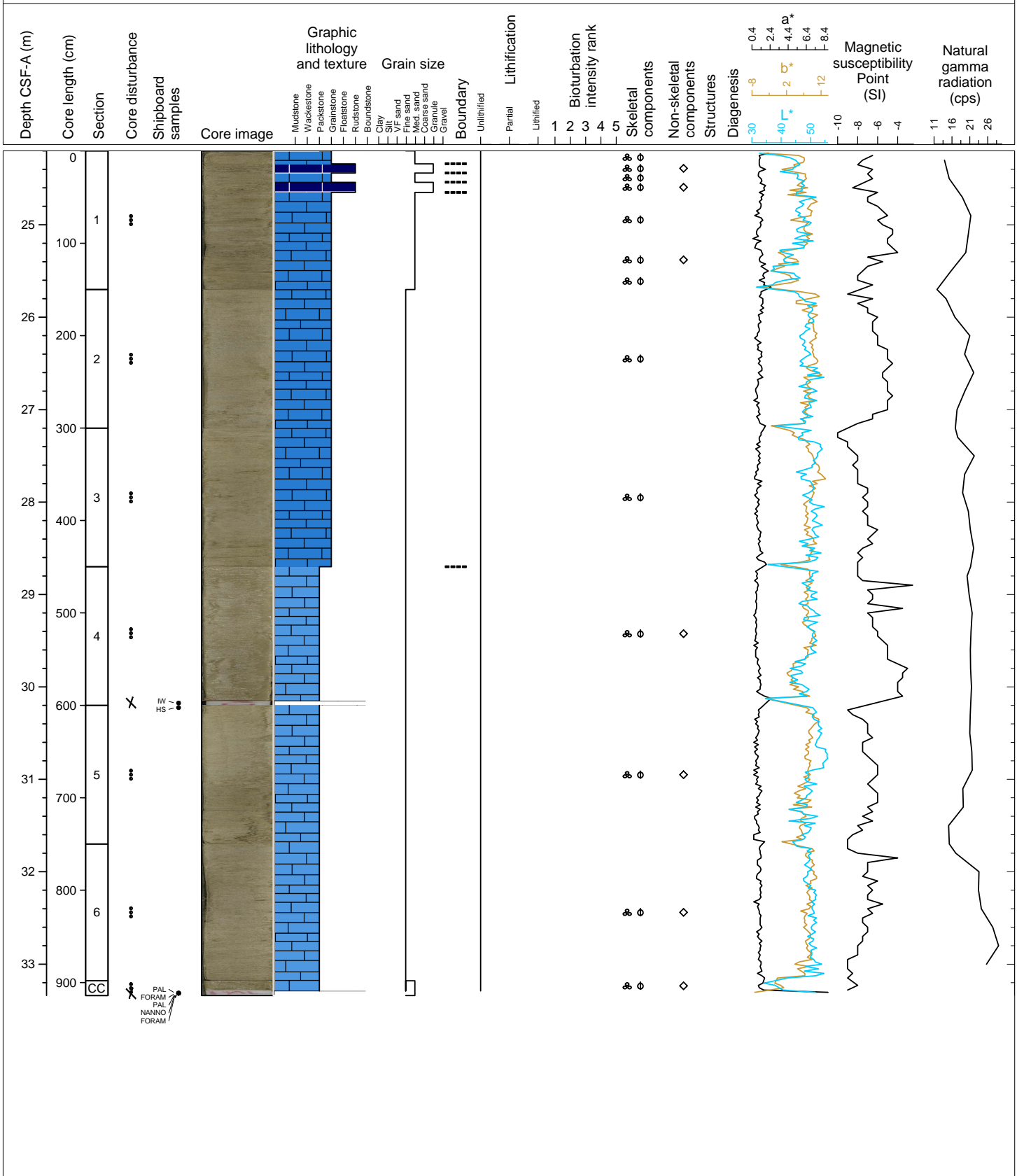
Hole 359-U1472A Core 3H, Interval 14.7-24.33 m (CSF-A)

Major lithology: Planktic foraminifera-rich GRAINSTONE to a mud lean PACKSTONE. Medium-grained, moderately sorted, light brownish grayish brown. Planktic foraminifera are abundant and benthic foraminifera are common. Foraminifera commonly with black infill. Pteropods and shell fragments are common. Halimeda fragments, pellets, intraclasts/aggregate grains and organic matter are present. Gastropods echinoid spines, fish teeth and otoliths are few. Manganese grains and intraclasts present. Contacts are gradational and represent slight change in color and texture. Medium-grained mud lean PACKSTONE. Remarks: None.



Hole 359-U1472A Core 4H, Interval 24.2-33.34 m (CSF-A)

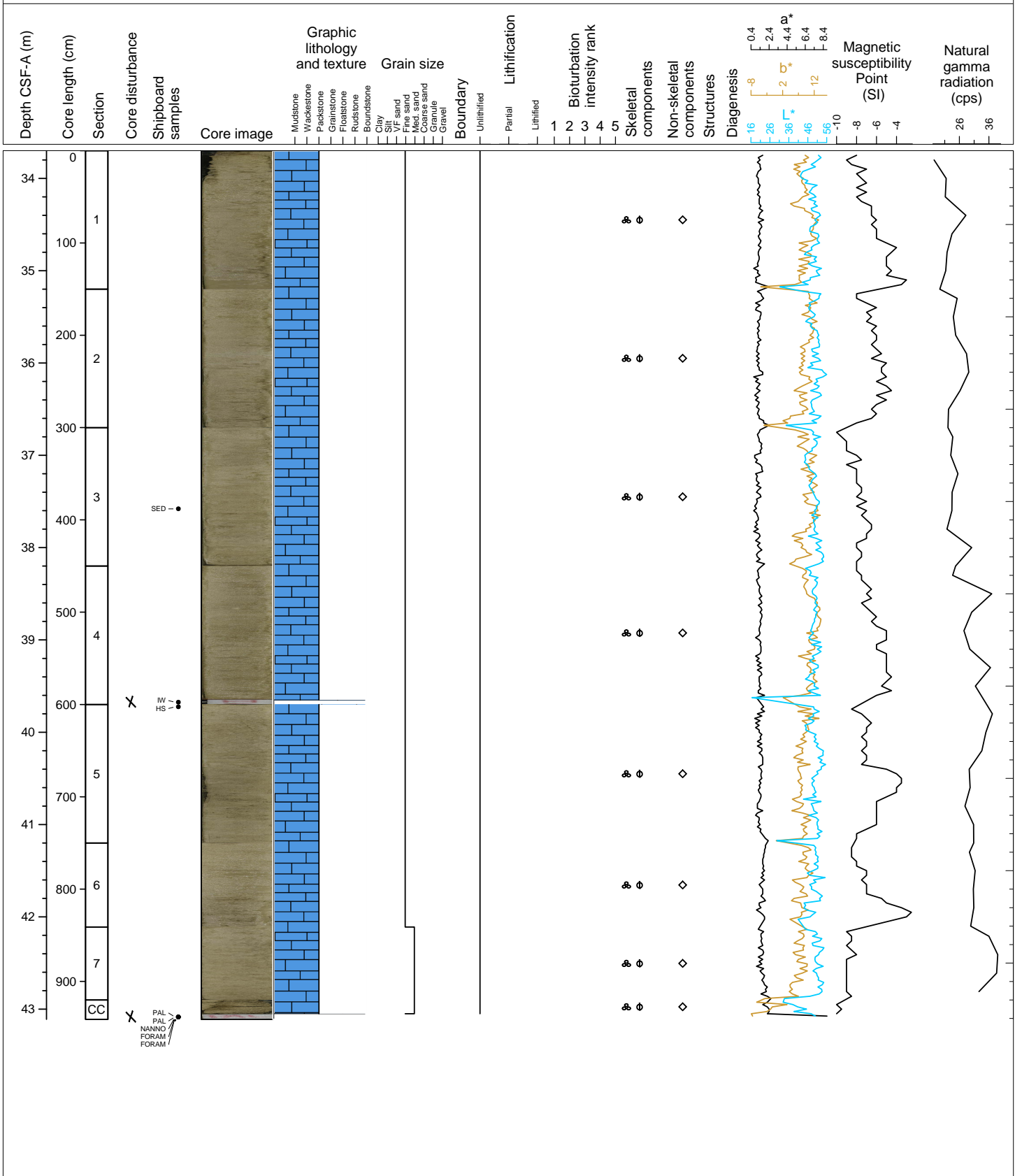
Major lithology: Planktic foraminifera-rich GRAINSTONE to a mud lean PACKSTONE. Medium-grained, moderately sorted, light brownish grayish brown to light gray. Planktic foraminifera are abundant and benthic foraminifera are common. Foraminifera commonly with black infill. Pteropods and shell fragments and stained lithoclasts are common. Halimeda fragments, pellets, echinoid spines, intraclasts/aggregate grains, otoliths and organic matter are present. Minor Lithology: Unlithified interlayered planktic foraminifera-rich granular-grained RUDSTONE with abundant intraclasts up to 3 cm at 4H-1, 14 - 24 and 34 - 45 cm. Remarks: Solitary coral 4H-1, 28 cm.





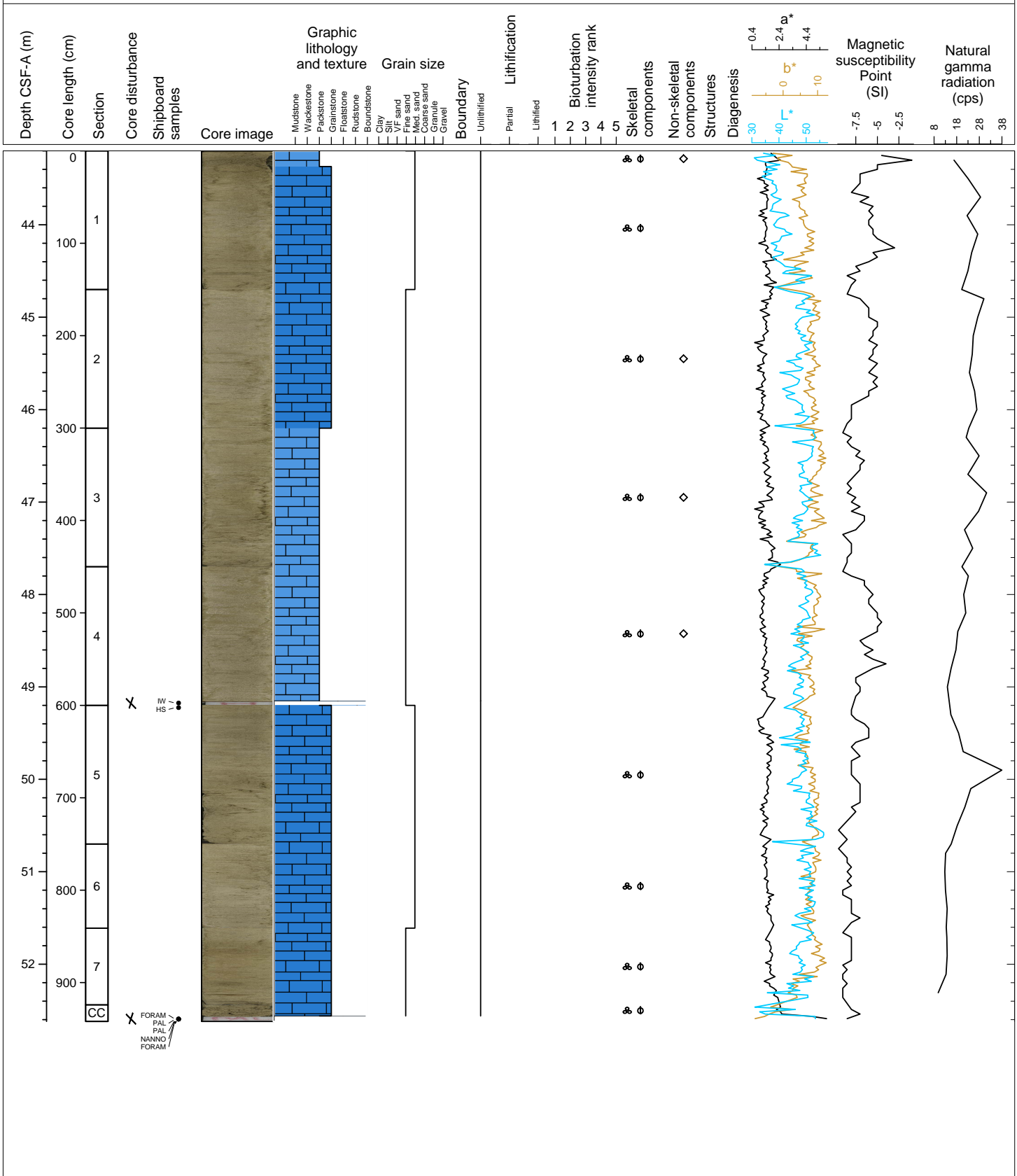
Hole 359-U1472A Core 5H, Interval 33.7-43.11 m (CSF-A)

Major lithology: Planktic foraminifera-rich GRAINSTONE to a mud lean PACKSTONE. Medium-grained, moderately sorted, light brownish grayish brown to light gray. Planktic foraminifera are abundant and benthic foraminifera are common. Foraminifera commonly with black infill. Pteropods and shell fragments and stained lithoclasts are common. Halimeda fragments, pellets, echinoid spines, intraclasts/aggregate grains, otoliths and organic matter are present to common. Minor Lithology: None Remarks: Smear Slide at H5-3 (37.58 mbsf) Planktic foraminifera and calcareous nannofossils, are abundant. Micritized grains are common. Benthic foraminifera, tunicates and echinoid fragments are few. Bioclasts are overgrown with calcite.



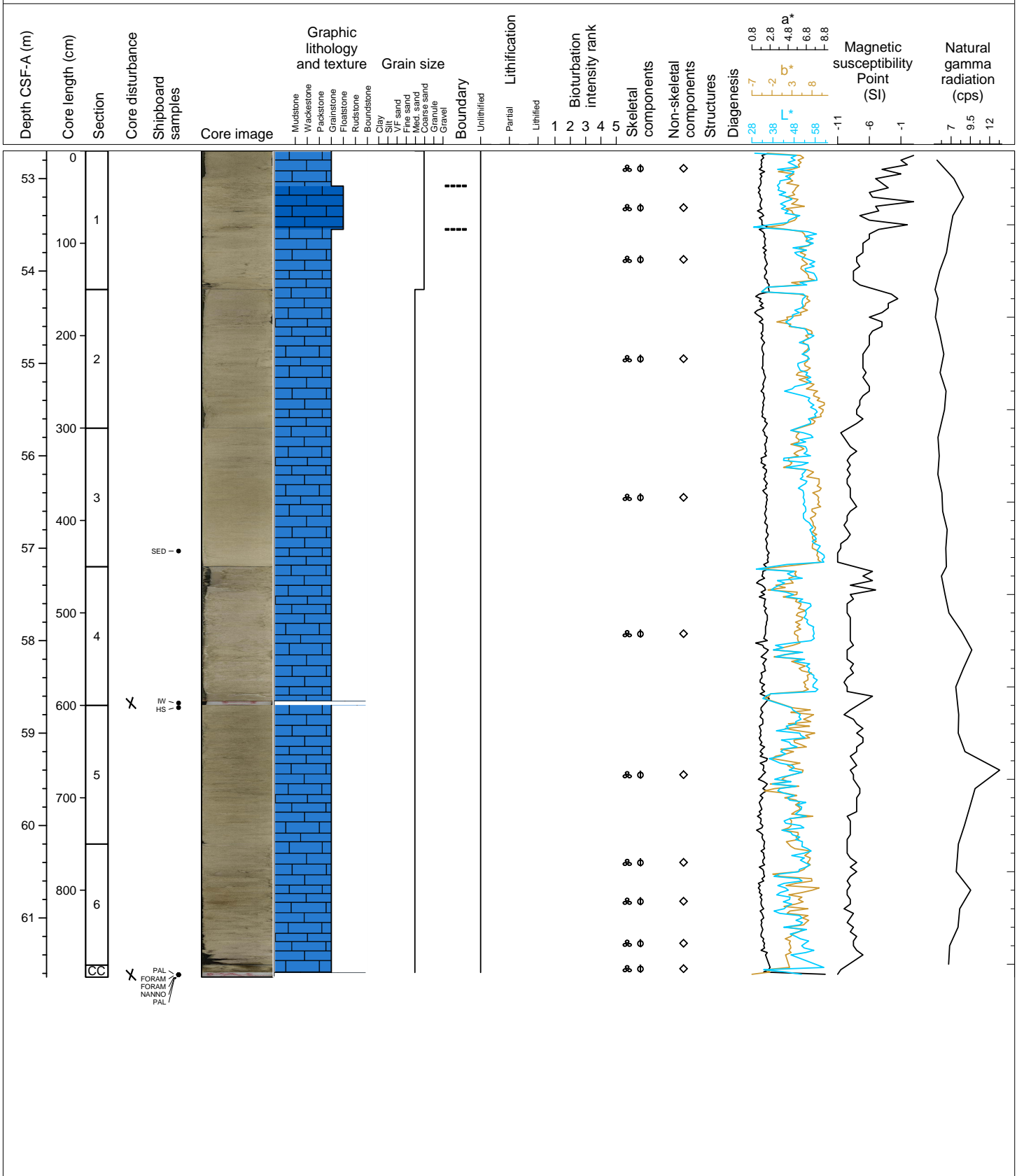
Hole 359-U1472A Core 6H, Interval 43.2-52.62 m (CSF-A)

Main Lithology: Unlithified planktic foraminifera-rich GRAINSTONE to PACKSTONE. Medium-grained. Planktic foraminifera are abundant. Common shell fragments, aggregate grains/intraclasts and pteropods. Benthic foraminifera, echinoid fragments and spines, otoliths and yellow/brown stained bioclasts are present. Organic matter are present. Minor Lithology: Mud lean PACKSTONE. Remarks: Coldwater coral at 6H-1-A, 60 - 62 cm.



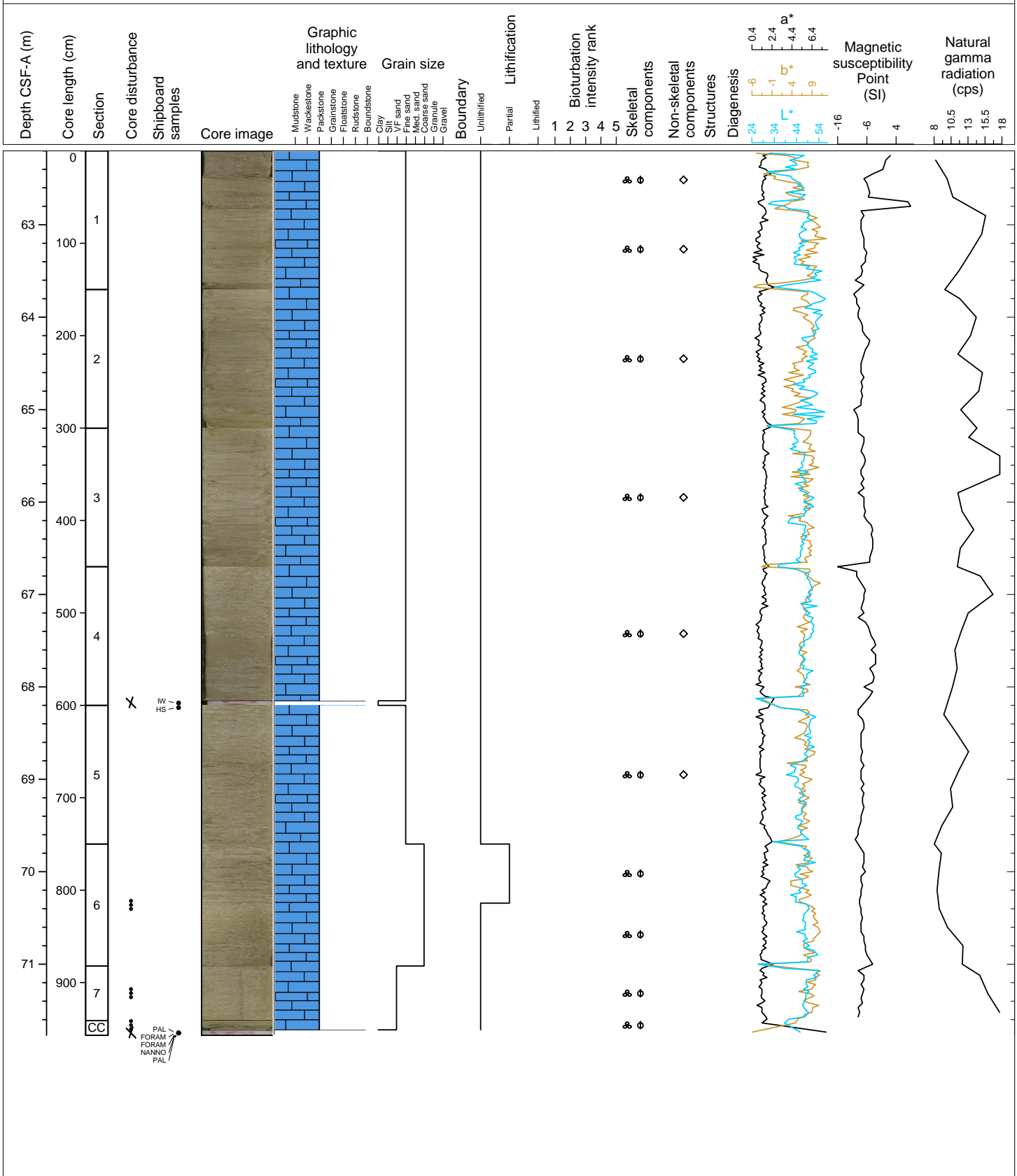
Hole 359-U1472A Core 7H, Interval 52.7-61.64 m (CSF-A)

Main Lithology: Unlithified GRAINSTONE to mud lean PACKSTONE. Medium- to coarse-grained, light gray to white. Planktic foraminifera are abundant. Benthic foraminifera, mollusk, echinoid fragments and spines are common and few otoliths. Aggregate grains/intraclasts are abundant and organic matter is present. Minor Lithology: Interlayered FLOATSTONE in the GRAINSTONE 7H-1-A, 38 - 85 cm. Remarks: First core with distinct white color interval and dominantly GRAINSTONE. Smear slide sample taken at 57.03 mbsf shows abundant calcareous nannofossils, aragonite needles and calcite crystals abundant. Apatite and organic matter are present, and dolomite rhombs are few. Bioclasts are overgrown with calcite.



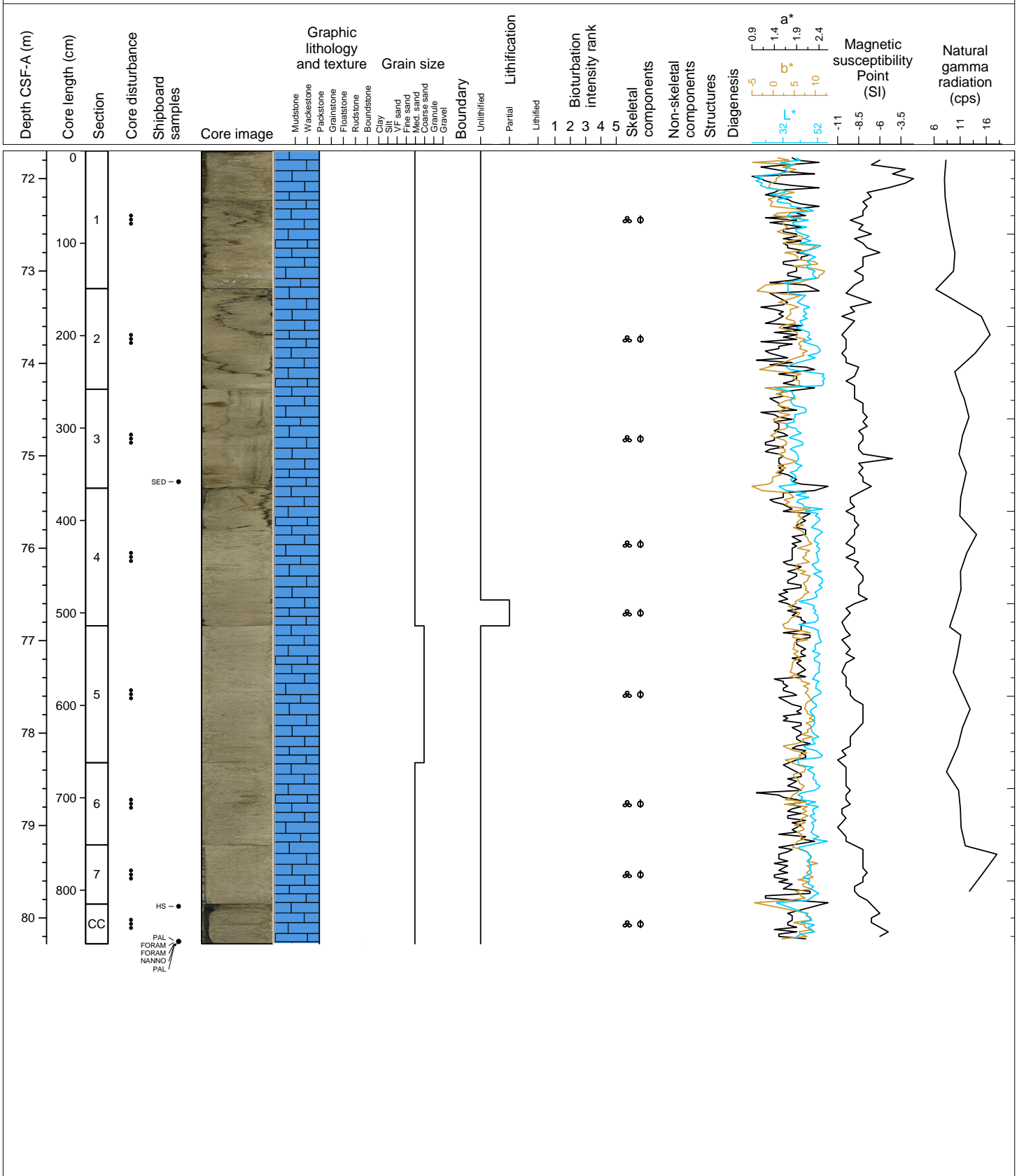
Hole 359-U1472A Core 8H, Interval 62.2-71.77 m (CSF-A)

Main Lithology: Unlithified to partially indurated planktic foraminifera-rich PACKSTONE to GRAINSTONE. Very fine- to Coarse-grained, light gray to light brownish gray. Planktic foraminifera are abundant. Benthic foraminifera, bioclastic grains, echinoid spines, and aggregate grains are common and organic matter is present. Otoliths and are few. Minor Lithology: None. Remarks: None.



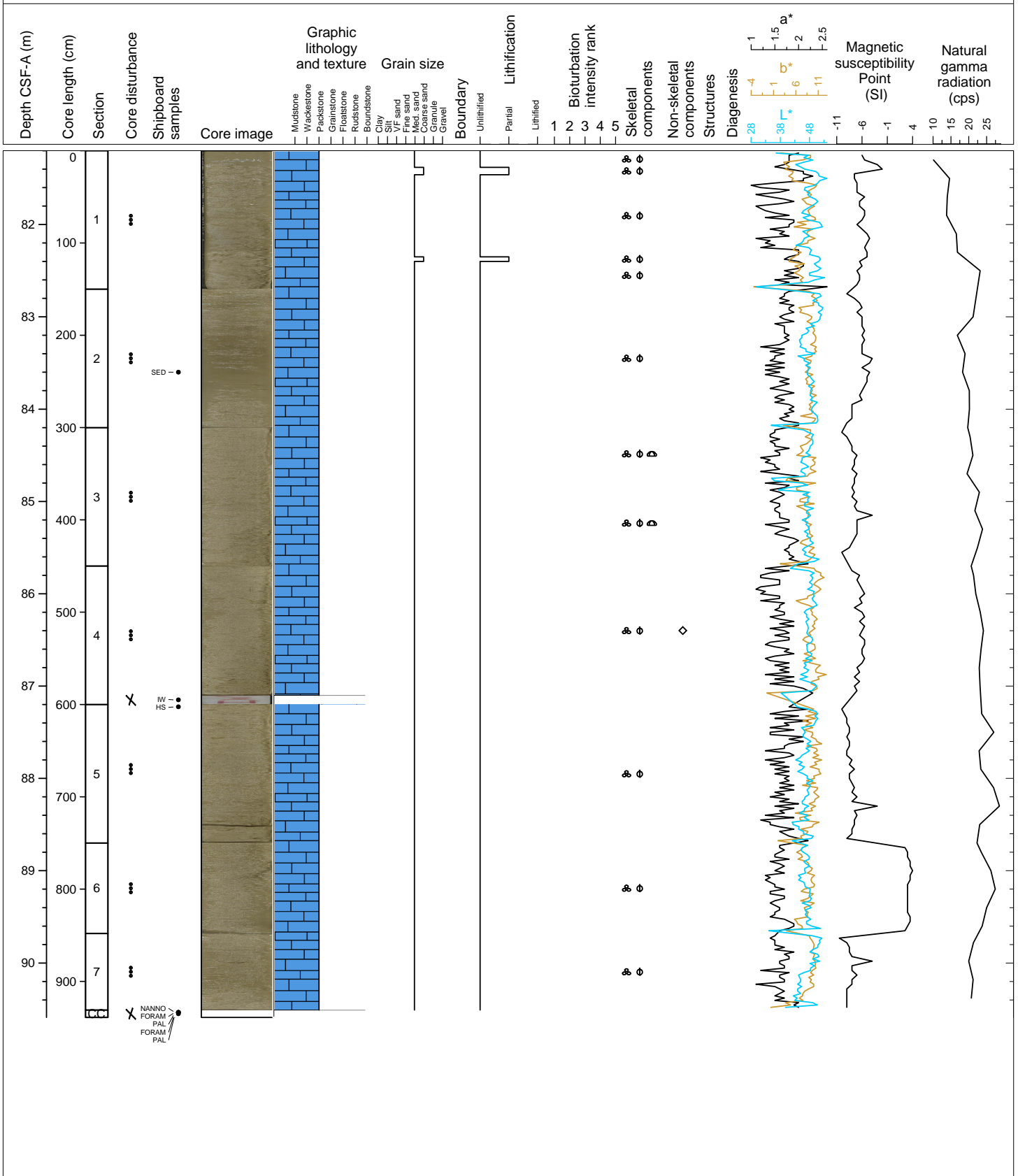
Hole 359-U1472A Core 9H, Interval 71.7-80.28 m (CSF-A)

Main Lithology: Unlithified to partially lithified planktic foraminifera-rich PACKSTONE. Medium- to coarse-grained, very well- to moderate-sorted, light gray to light brownish gray. Planktic foraminifera are abundant. Benthic foraminifera and otoliths are rare, bioclastic grains. Minor overgrowth and infill are observed in sieved samples. Minor Lithology: None. Remarks: Smear slide at 359-U1471-9H-4A-96/96, indurated burrows are present.



Hole 359-U1472A Core 10H, Interval 81.2-90.59 m (CSF-A)

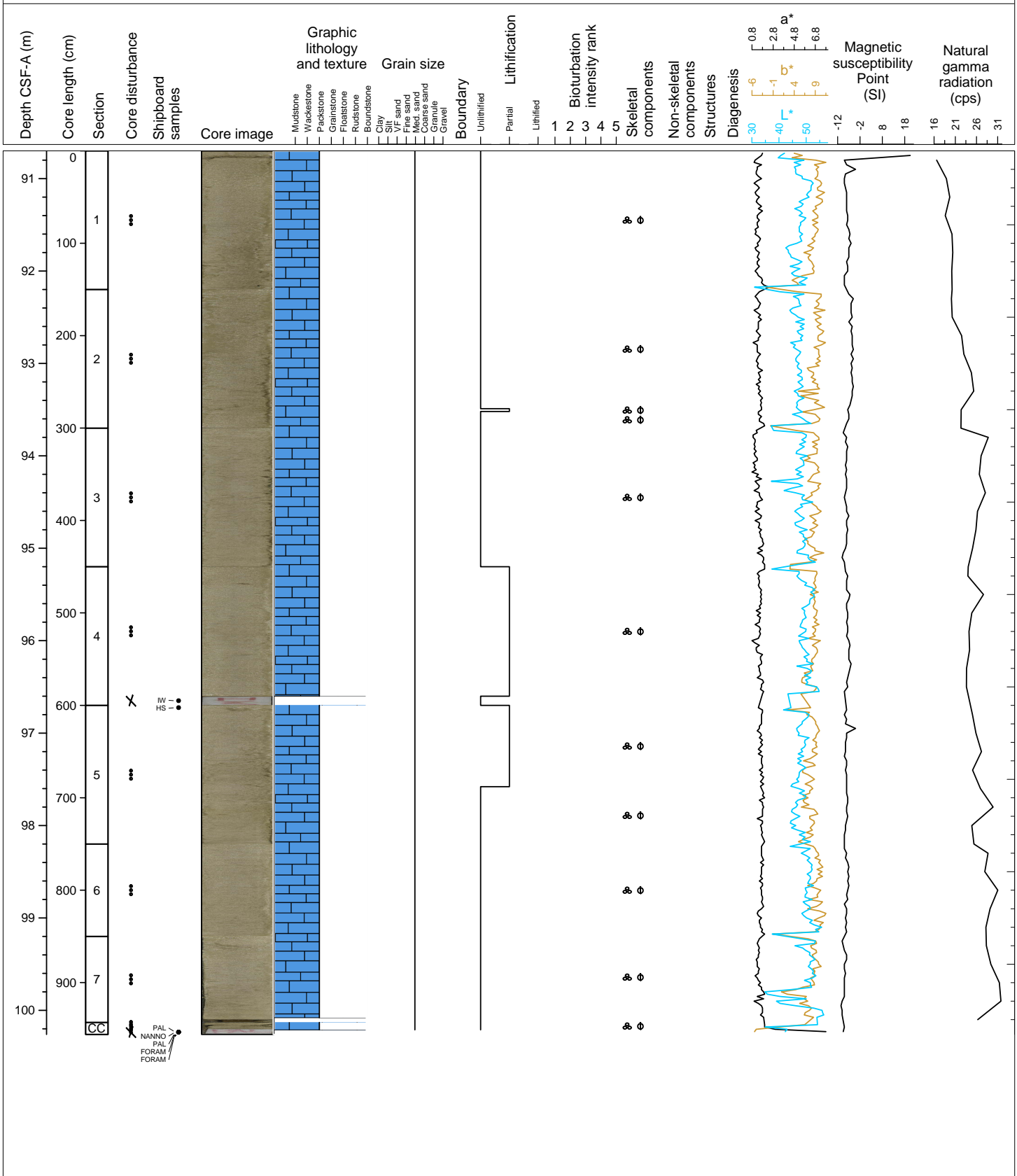
Main Lithology: Unlithified planktic foraminifera-rich PACKSTONE. Fine to Medium-grained, very well- to poorly-sorted, light gray to light brownish gray. Planktic foraminifera are abundant. Benthic foraminifera and otoliths are rare, black grains, bioclastic grains and echinoderm spines. Minor Lithology: Partially-lithified planktic foraminifera-rich PACKSTONE. Coarse-grained, moderate-sorted, light gray to light brownish gray. Planktic foraminifera are abundant. Benthic foraminifera and otoliths are rare, bioclastic grains. Remarks: Increase in mud content in 359-U1471-10H-2, inconsistent preservation, intermediate mode between minor and major lithology is present.





Hole 359-U1472A Core 11H, Interval 90.7-100.26 m (CSF-A)

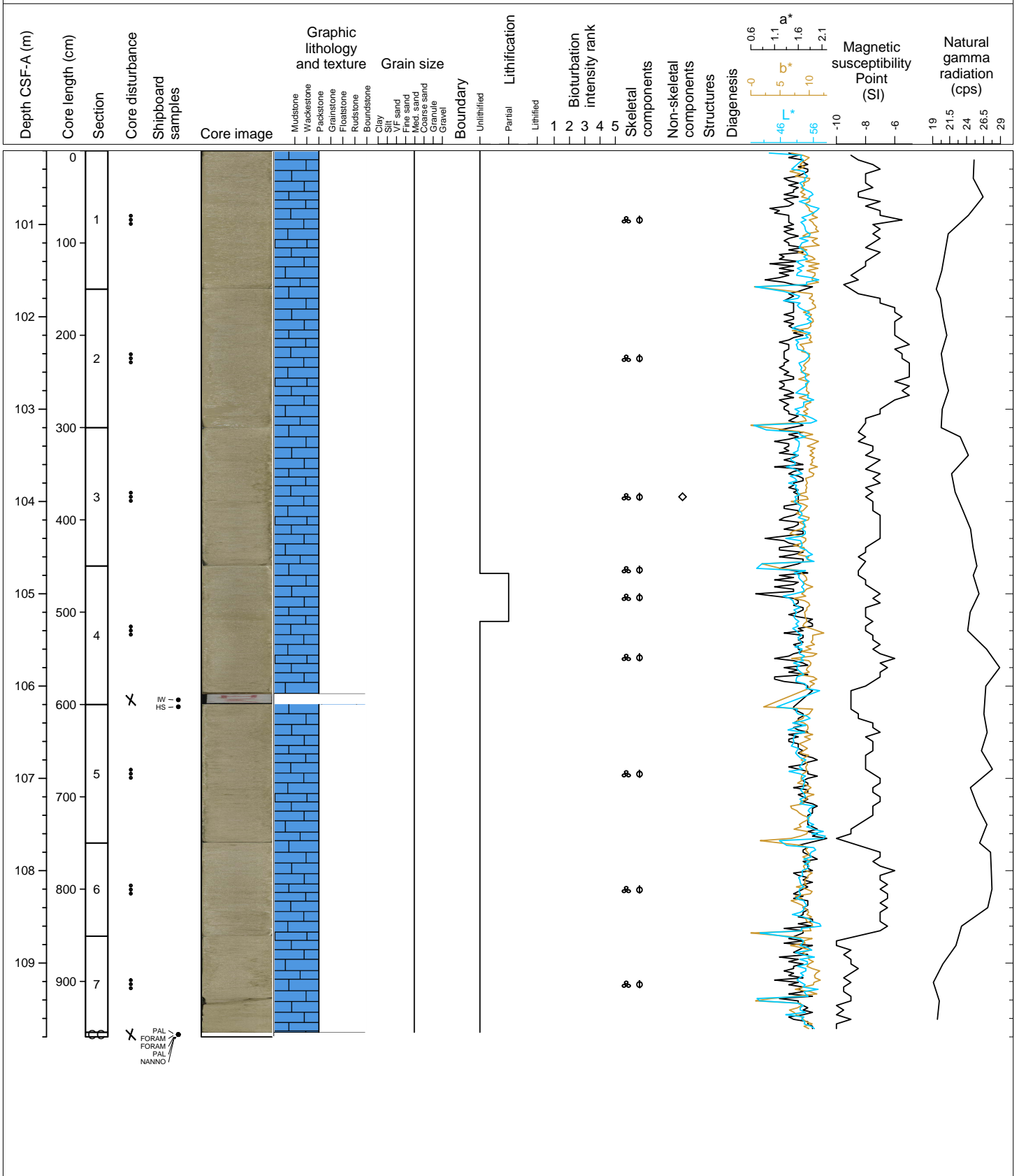
Main Lithology: Unlithified planktic foraminifera-rich PACKSTONE. Fine to Medium-grained, very well- to moderately-sorted, light gray to light brownish gray. Planktic foraminifera are abundant. Benthic foraminifera. Minor Lithology: Partially-lithified planktic foraminifera-rich PACKSTONE. Medium-grained, moderate-sorted, light gray to light brownish gray. Planktic foraminifera are abundant. Benthic foraminifera, aggregates (?). Remarks: None.





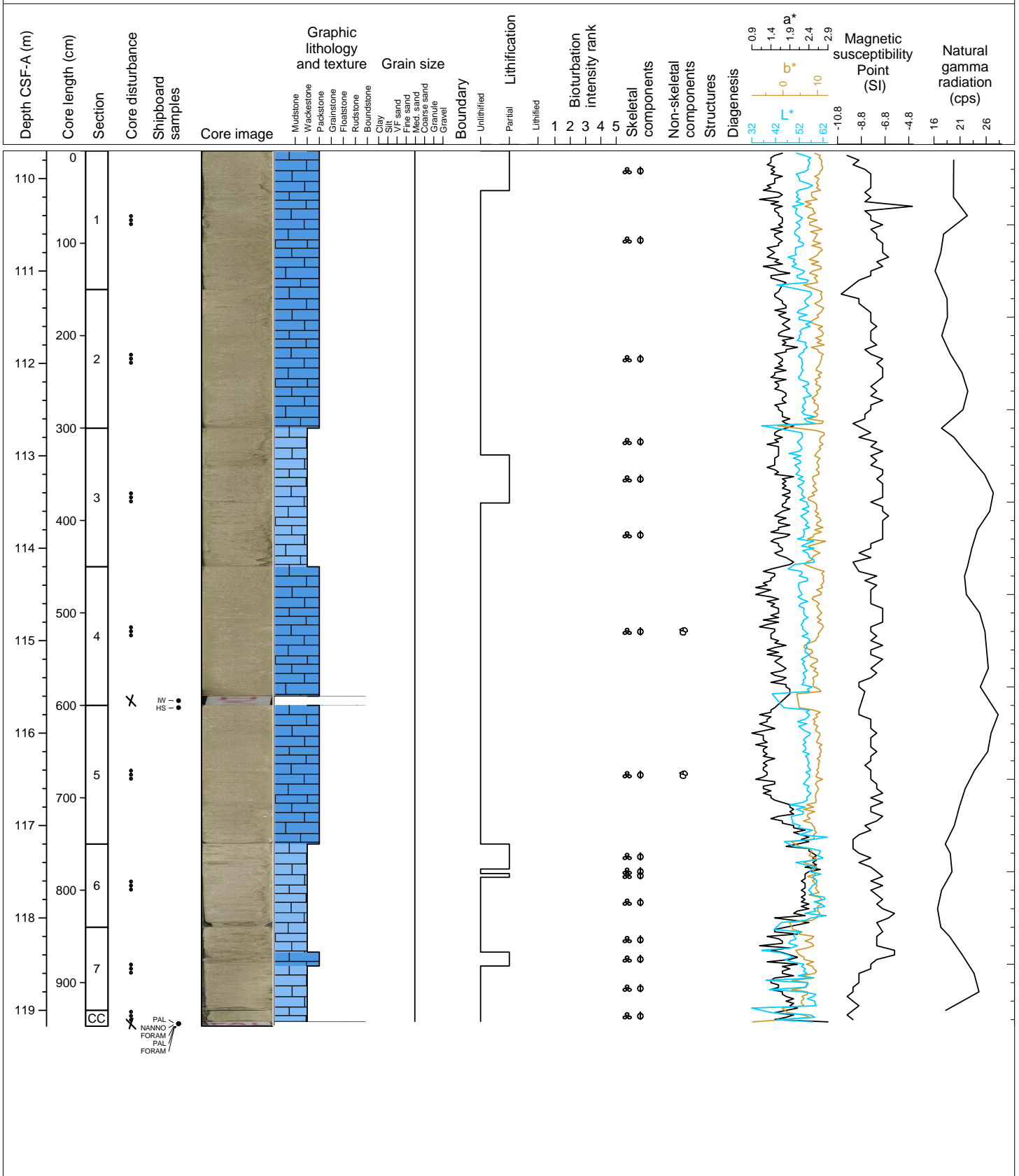
Hole 359-U1472A Core 12H, Interval 100.2-109.8 m (CSF-A)

Main Lithology: Unlithified to slightly indurated planktic foraminifera-rich PACKSTONE. Fine to Medium-grained, very well- to moderately-sorted, light gray to pale yellow. Planktic foraminifera are abundant. Benthic foraminifera. Minor Lithology: Partially-lithified planktic foraminifera-rich PACKSTONE. Medium-grained, moderate-sorted, light gray to light brownish gray. Planktic foraminifera are abundant. Benthic foraminifera, aggregates (?). Remarks: No CC, all to PAL.



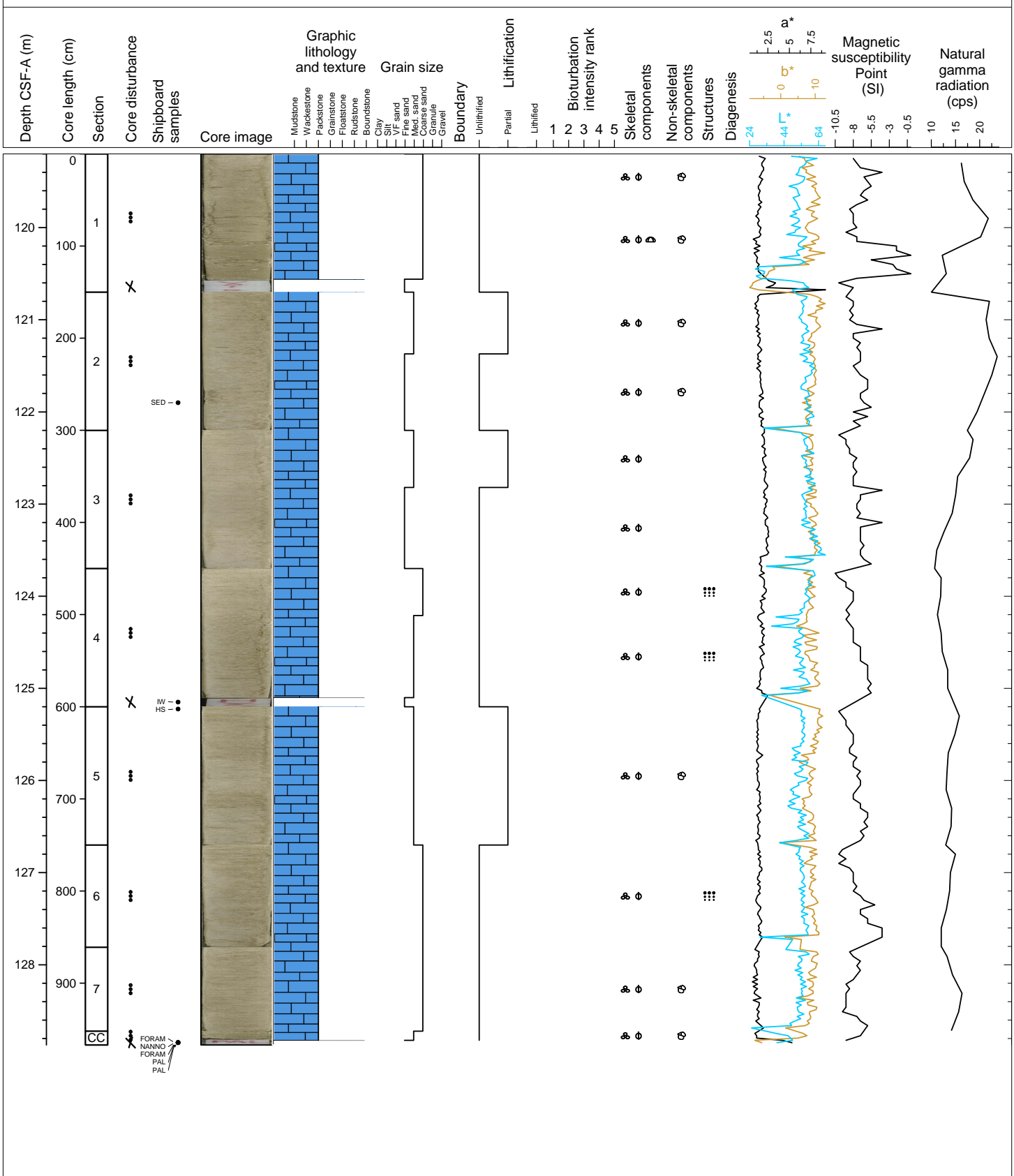
Hole 359-U1472A Core 13H, Interval 109.7-119.17 m (CSF-A)

Main Lithology: Unlithified to slightly indurated planktic foraminifera-rich PACKSTONE to WACKESTONE. Fine to Medium-grained, very well- to moderately-sorted, light brownish gray to pale yellow. Planktic foraminifera are abundant. Benthic foraminifera and aggregates. Minor Lithology: Partially-lithified planktic foraminifera-rich PACKSTONE to WACKESTONE. Medium-grained, moderate-sorted, pale yellow to light brownish gray. Planktic foraminifera are abundant. Benthic foraminifera, aggregates (?). Remarks: None.



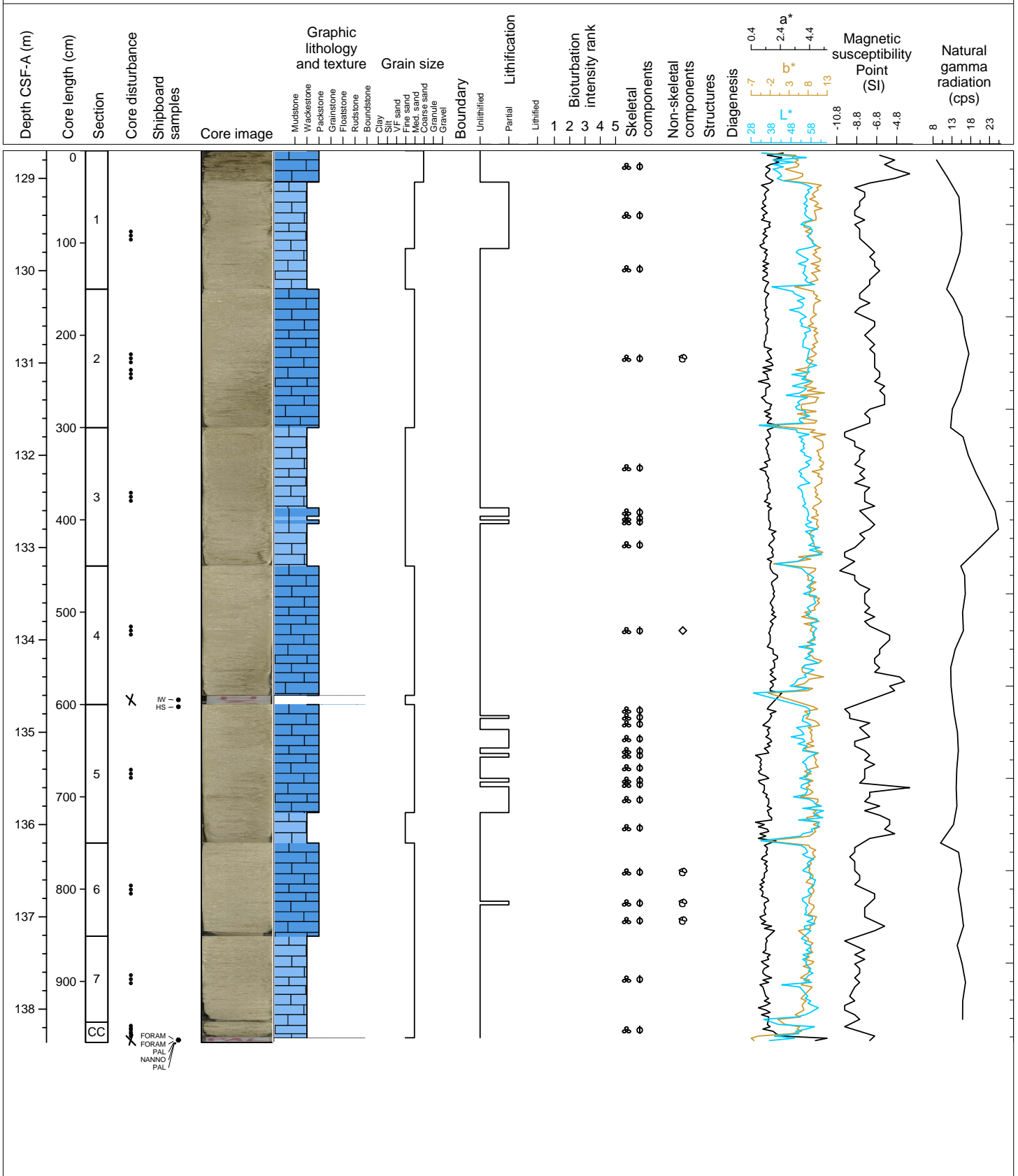
Hole 359-U1472A Core 14H, Interval 119.2-128.87 m (CSF-A)

Main Lithology: Unlithified to slightly indurated planktic foraminifera-rich PACKSTONE. Fine to Coarse-grained, very well- to moderately-sorted, light gray to pale yellow. Planktic foraminifera are abundant. Benthic foraminifera and aggregates, echinoid spines and shell fragments. Minor Lithology: Partially-lithified planktic foraminifera-rich PACKSTONE. Medium-grained, pale yellow to light gray. Planktic foraminifera are abundant. Benthic foraminifera, aggregates. Remarks: Some reverse grading in section 14H-4 and 6. Smear slide 359-U1472A-14H-2-120 - abundant calcite needles.



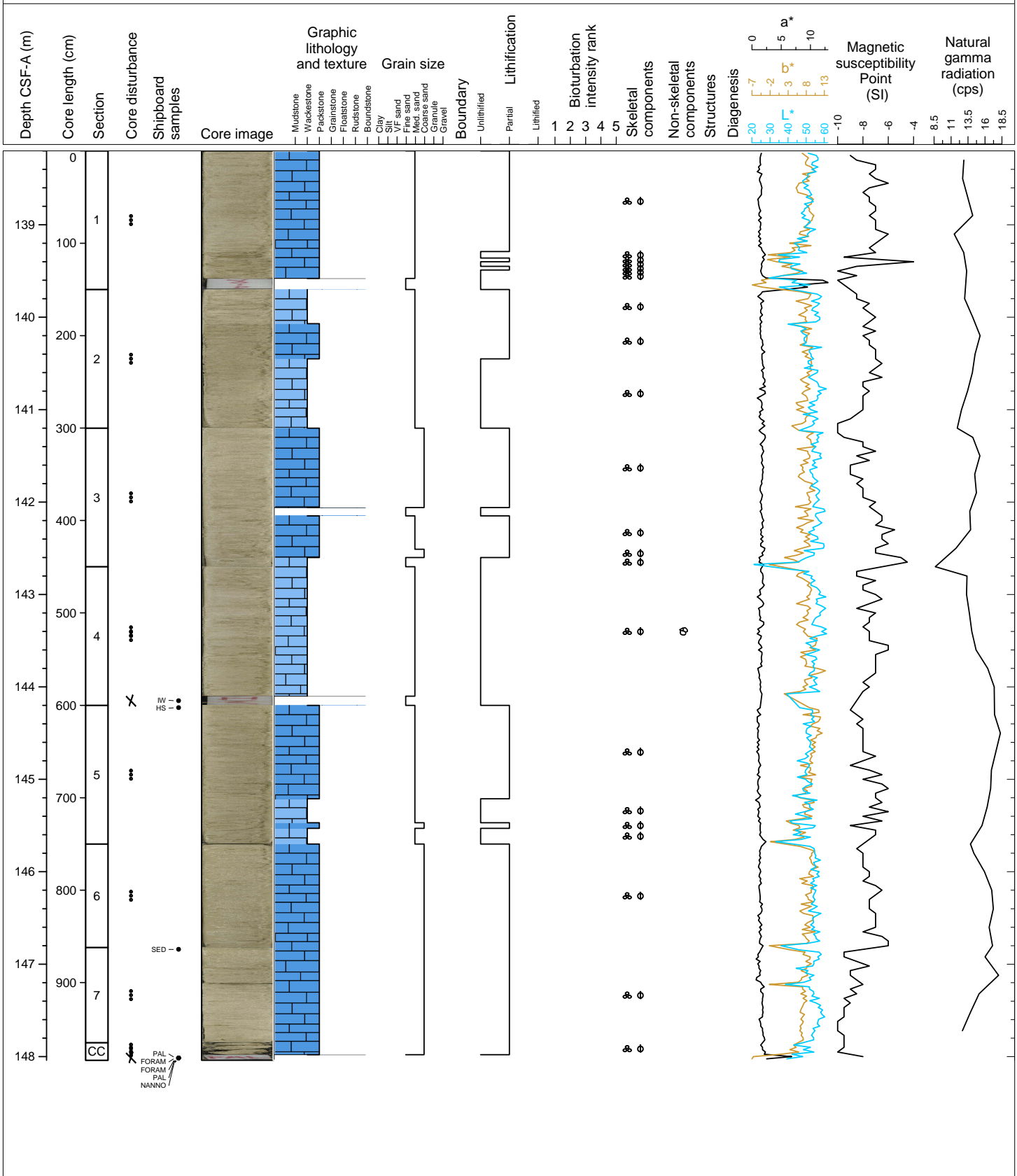
Hole 359-U1472A Core 15H, Interval 128.7-138.36 m (CSF-A)

Main Lithology: Unlithified to slightly indurated planktic foraminifera-rich PACKSTONE to WAKCTONE. Fine to Medium-grained, very well- to moderately-sorted, light gray to pale yellow. Planktic foraminifera are abundant. Benthic foraminifera and aggregates, echinoid spines and shell fragments. Minor Lithology: Partially-lithified planktic foraminifera-rich PACKSTONE to WAKCTONE. Fine to Medium-grained, moderate-sorted, pale yellow to light gray. Planktic foraminifera are abundant. Benthic foraminifera. Remarks: top 34cm are cave in.



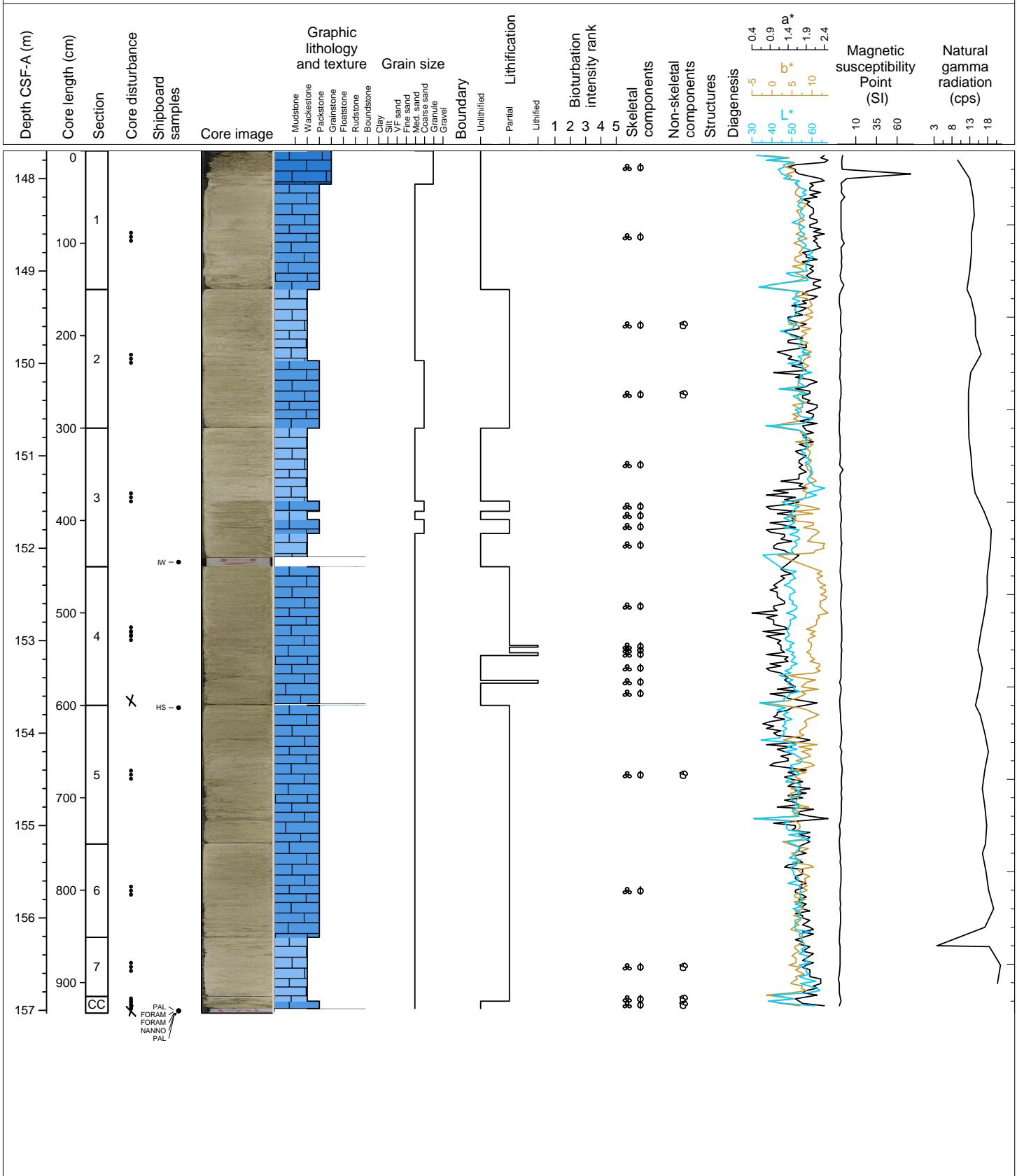
Hole 359-U1472A Core 16H, Interval 138.2-148.04 m (CSF-A)

Main Lithology: Partially-lithified planktic foraminifera-rich PACKSTONE to WAKCTONE. Medium- to Coarse-grained, white to light gray. Planktic foraminifera are abundant. Benthic foraminifera. Minor Lithology: Unlithified to slightly indurated planktic foraminifera-rich WAKCTONE to PACKSTONE. Fine- to Medium-grained, light gray to white. Planktic foraminifera are abundant. Benthic foraminifera. Remarks: Smear slide 359-U1472A-16H-7-2 - abundant calcite needles.



Hole 359-U1472A Core 17H, Interval 147.7-157.03 m (CSF-A)

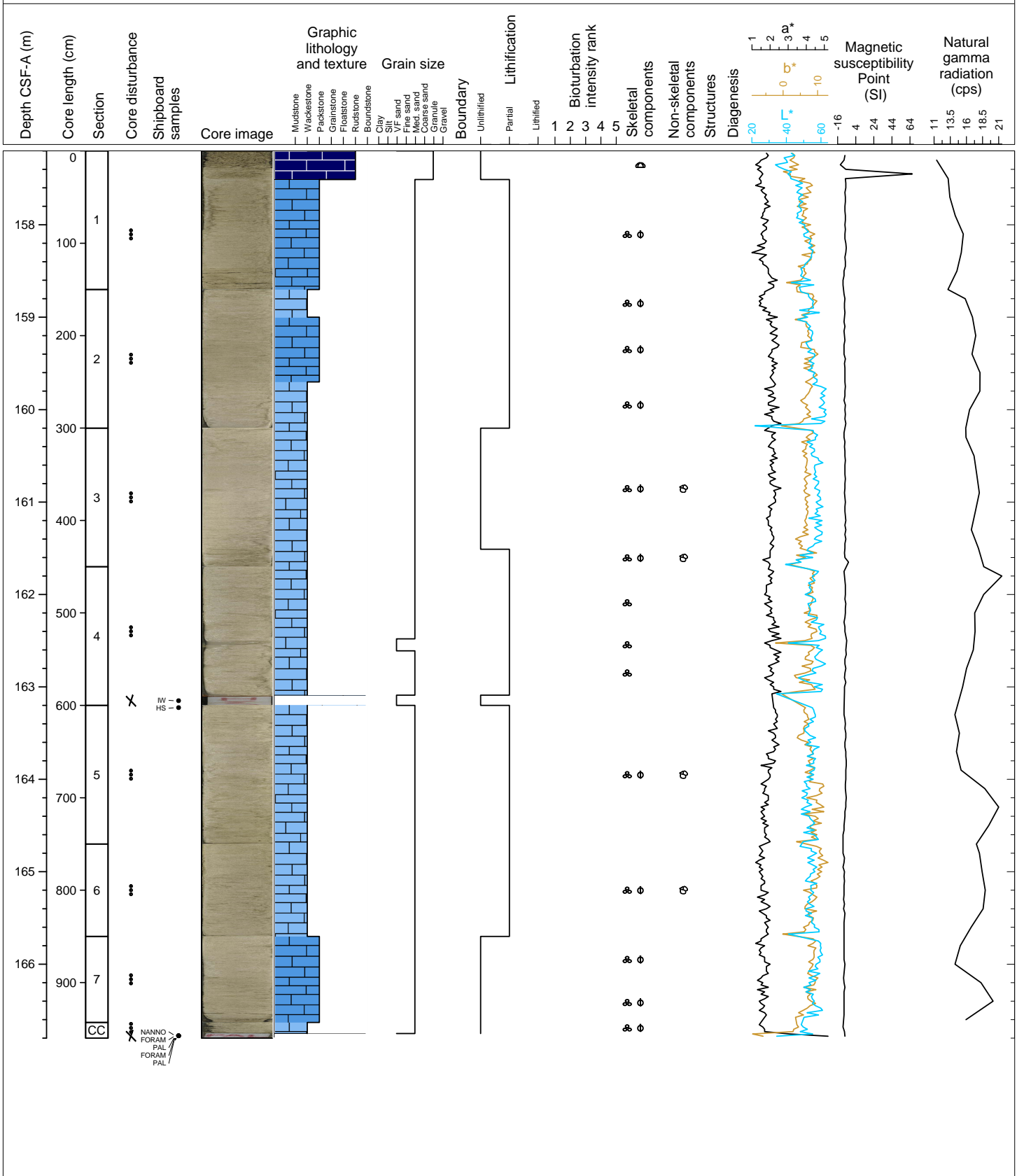
Main Lithology: Partially-lithified to lithified planktic foraminifera-rich PACKSTONE to WAKCTONE. Medium-to Coarse-grained, white to light brownish gray. Planktic foraminifera are abundant. Benthic foraminifera. Minor Lithology: Unlithified to slightly indurated planktic foraminifera-rich WAKCTONE. Medium-grained, light brownish gray to white. Planktic foraminifera are abundant. Benthic foraminifera. Remarks: None.





Hole 359-U1472A Core 18H, Interval 157.2-166.8 m (CSF-A)

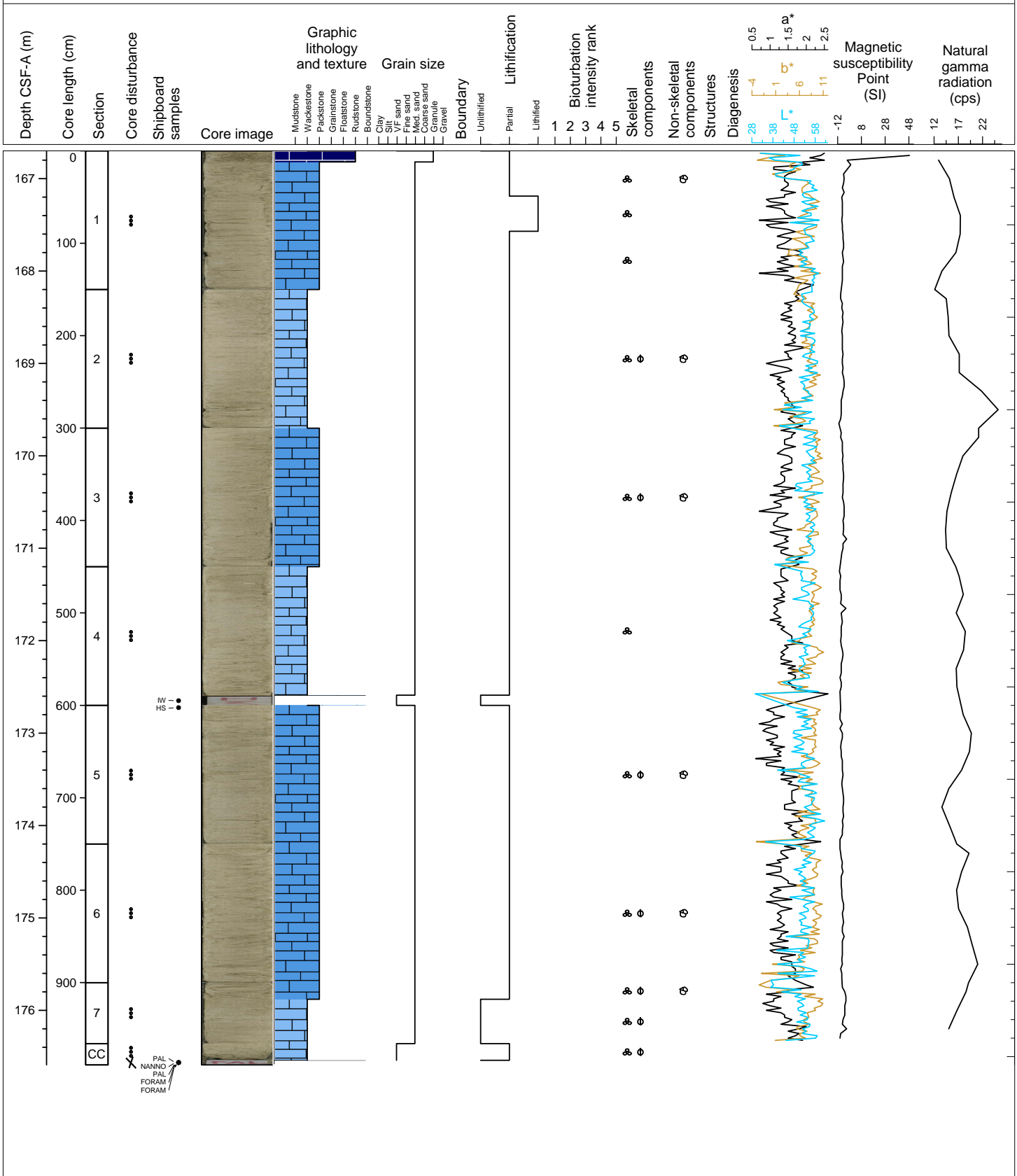
Main Lithology: Partially-lithified to lithified planktic foraminifera-rich PACKSTONE to WAKCTONE. Very fine- to Medium-grained, white to light brownish gray. Planktic foraminifera are abundant. Benthic foraminifera. Minor Lithology: Unlithified to slightly indurated planktic foraminifera-rich WAKCTONE. Medium-grained, light gray to white. Planktic foraminifera are abundant. Benthic foraminifera. Remarks: Top 31 cm are cave in, notable recrystallization is observed on some grains.





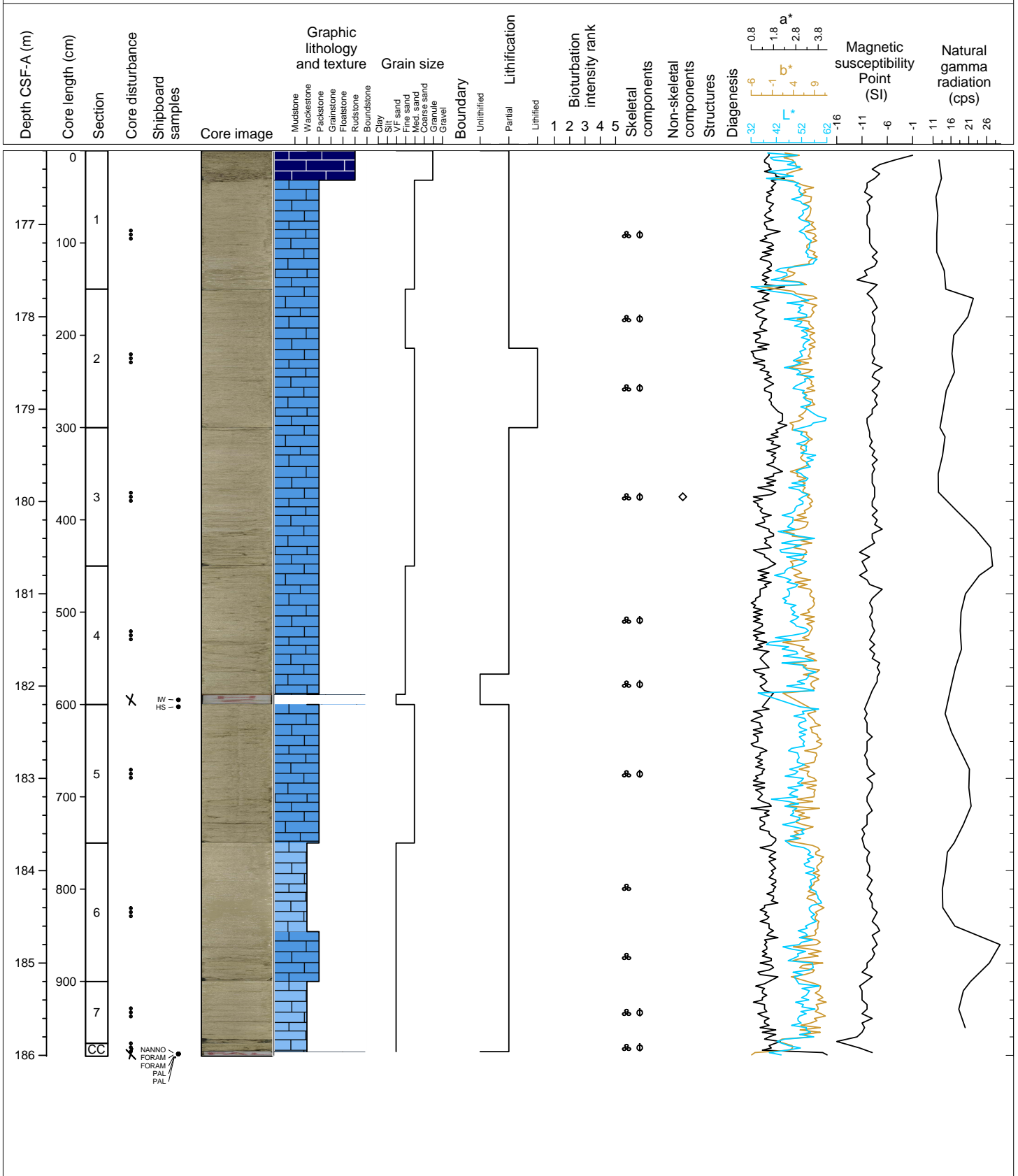
Hole 359-U1472A Core 19H, Interval 166.7-176.59 m (CSF-A)

Main Lithology: Unlithified to lithified planktic foraminifera-rich PACKSTONE to WAKTONE. Medium-grained, Moderate- to poorly-sorted. White to light gray. Planktic foraminifera are abundant. Benthic foraminifera. Minor Lithology: None. Remarks: Top 12cm are cave in, notable recrystallization is observed on some grains.



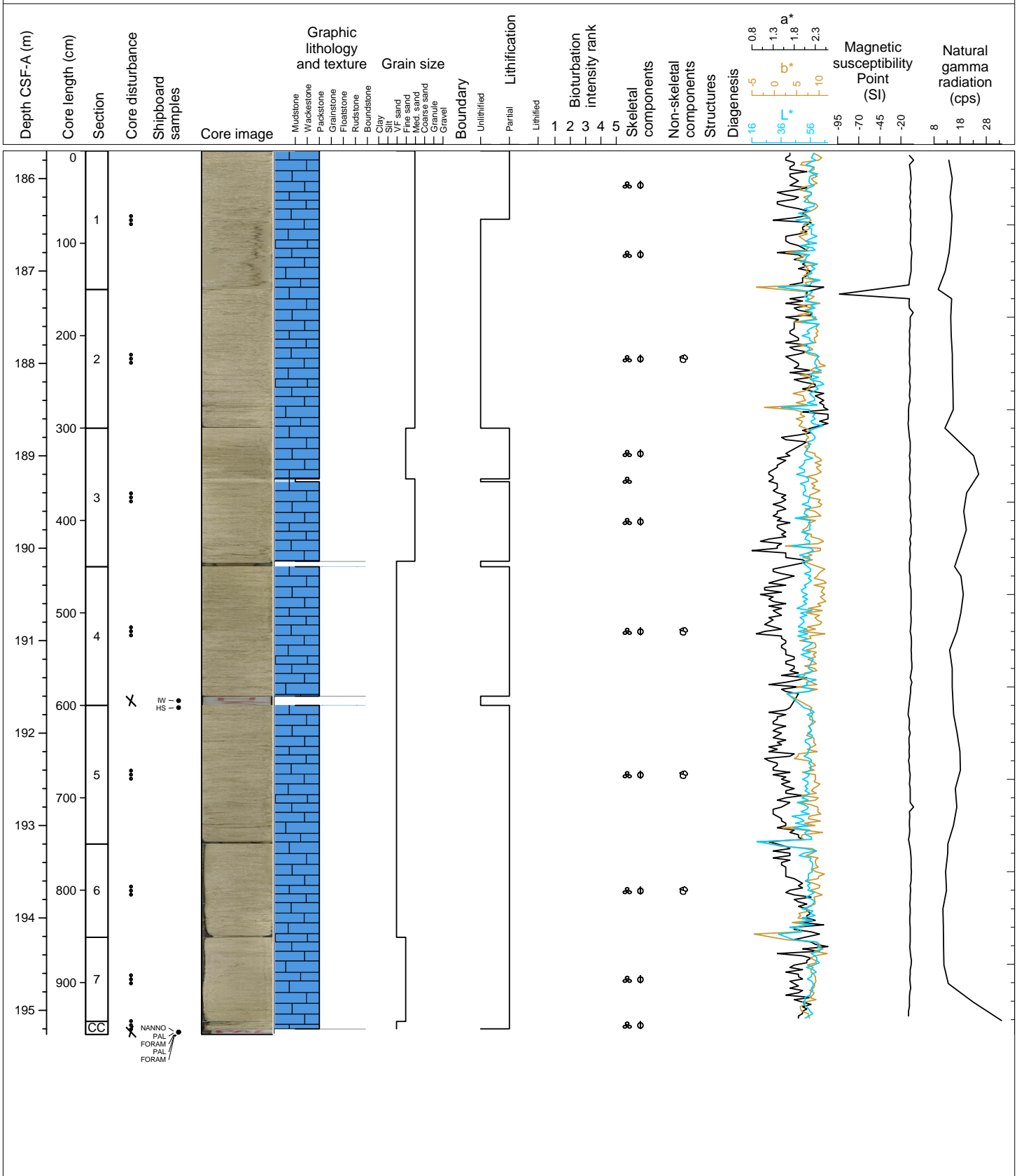
Hole 359-U1472A Core 20H, Interval 176.2-186.01 m (CSF-A)

Main Lithology: Partially lithified to lithified planktic foraminifera-rich PACKSTONE to WACKESTONE. Very fine- to Medium-grained, Moderate- to poorly-sorted. Pale yellow to light gray. Planktic foraminifera are abundant. Benthic foraminifera and black grains; bioclastic grains are highly recrystallized. Minor Lithology: None. Remarks: Top 32cm are cave in, notable recrystallization is observed on some grains.



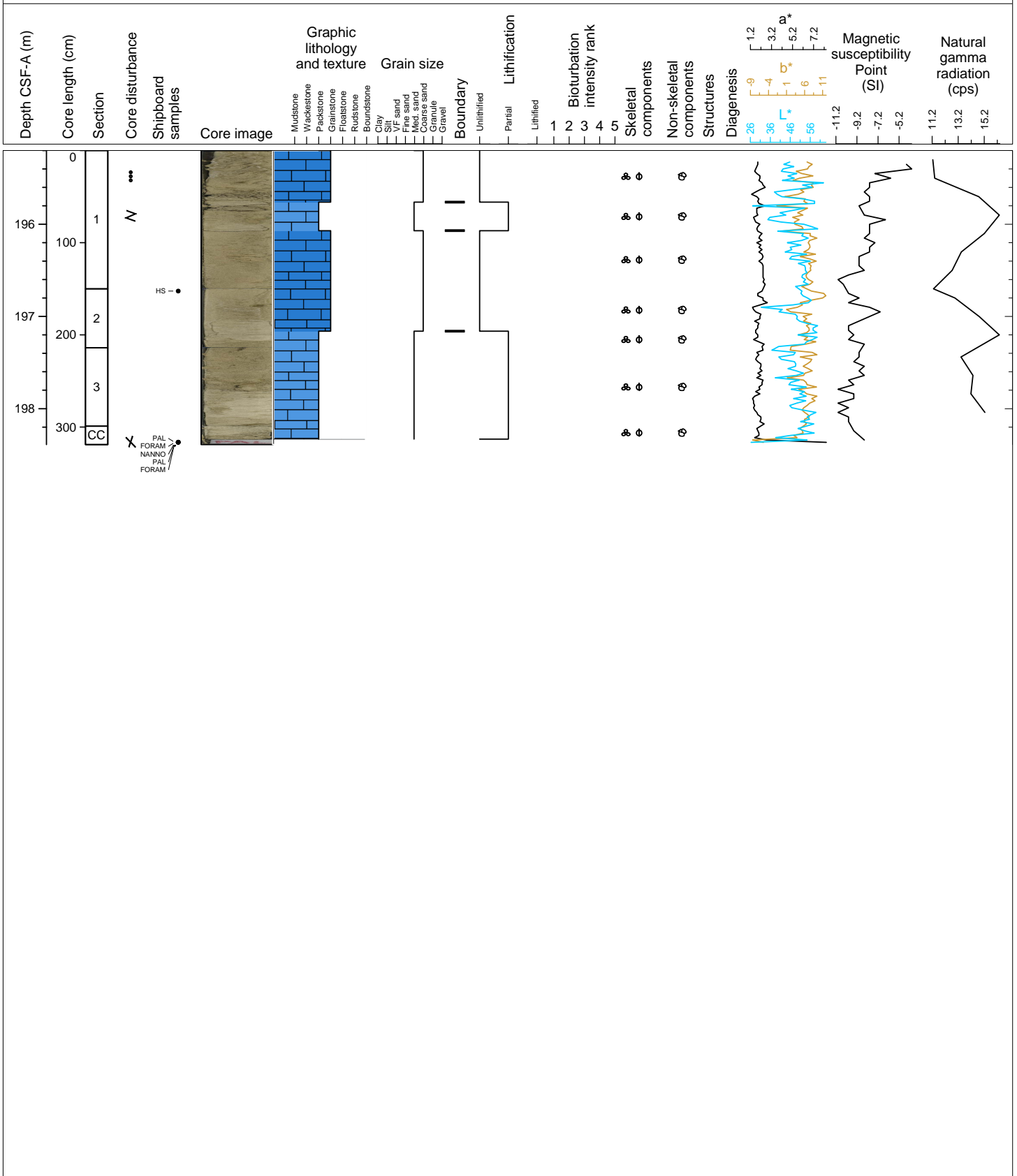
Hole 359-U1472A Core 21H, Interval 185.7-195.26 m (CSF-A)

Main Lithology: Partially lithified to lithified planktic foraminifera-rich PACKSTONE to WACKESTONE. Fine- to Medium-grained, Moderate- to poorly-sorted. Pale yellow to light gray. Planktic foraminifera are abundant. Benthic foraminifera and black grains are abundant. Bioclastic grains are highly recrystallized. Minor Lithology: None. Remarks: Slight improvement in preservation, overgrowth still prevalent.



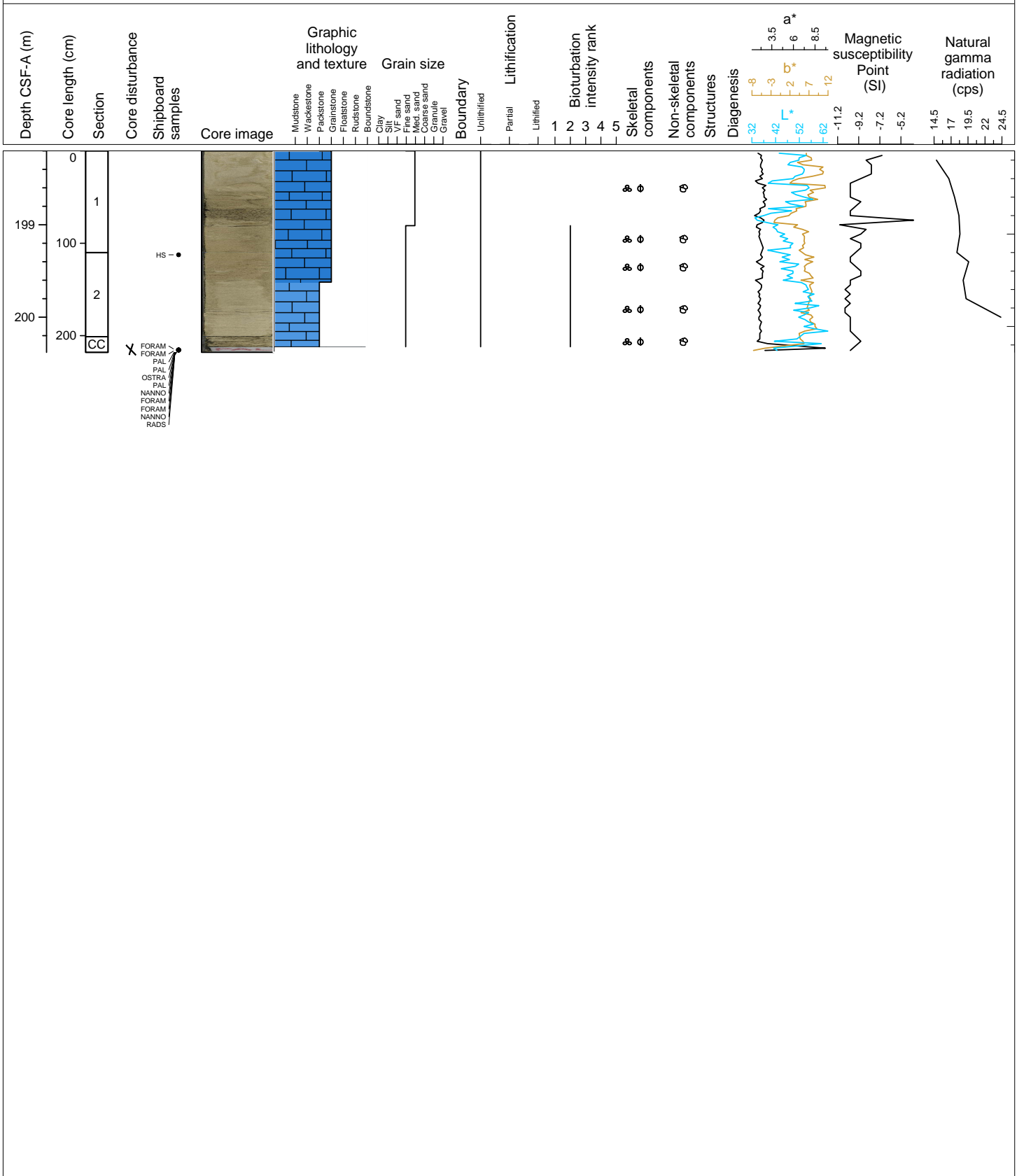
Hole 359-U1472A Core 22H, Interval 195.2-198.39 m (CSF-A)

Main Lithology: Partially lithified to lithified planktic foraminifera-rich GRAINSTONE and interlayered PACKSTONE to WACKESTONE. Fine- to Medium-grained, moderate- to poorly-sorted. Light grayish brown to light yellowish brown. Planktic foraminifera are abundant. Benthic foraminifera, aggregate grains/intraclasts and black grains are common. Contacts are sharp and represent changes in color and texture. Minor Lithology: None. Remarks: None.



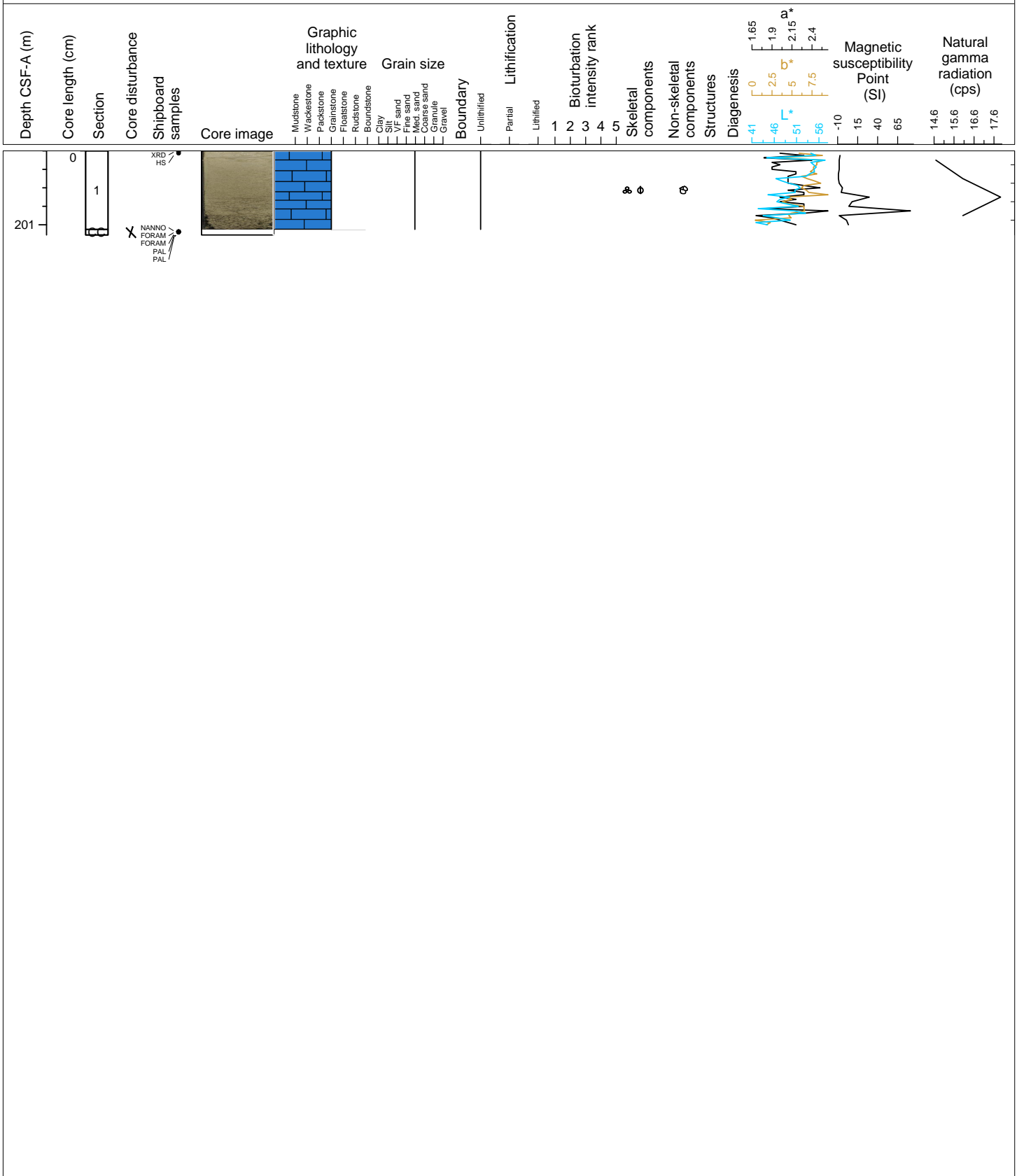
Hole 359-U1472A Core 23H, Interval 198.2-200.38 m (CSF-A)

Main Lithology: Partially lithified to lithified planktic foraminifera-rich GRAINSTONE and PACKSTONE. Fine- to Medium-grained, moderate- to poorly-sorted. Light grayish brown to light yellowish brown. Planktic foraminifera are abundant. Benthic foraminifera, aggregate grains/intraclasts and black grains are common. Contacts are sharp and represent changes in color and texture. Minor Lithology: None. Remarks: None.



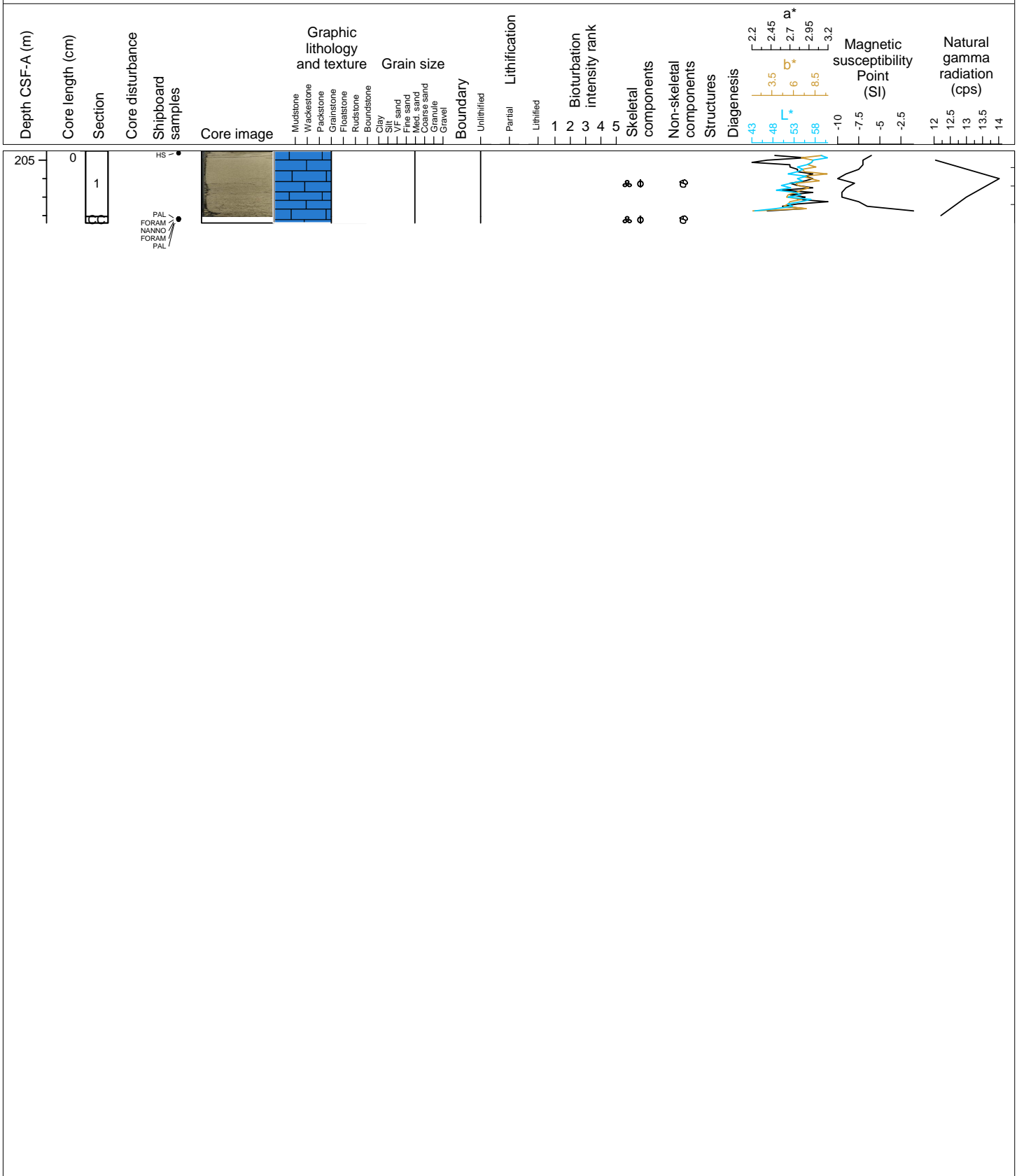
Hole 359-U1472A Core 24F, Interval 200.2-201.11 m (CSF-A)

Unlithified GRAINSTONE. Medium-coarse grained, light grayish brown. Planktic foraminifera are abundant and benthic foraminifera are common. Pteropods, shell fragments gastropods, echinoid spines, intraclasts/aggregate grains, otoliths and organic matter are present to common. Fining-up. Remark: All cave-in. Totally disturbed.



Hole 359-U1472A Core 25F, Interval 204.9-205.68 m (CSF-A)

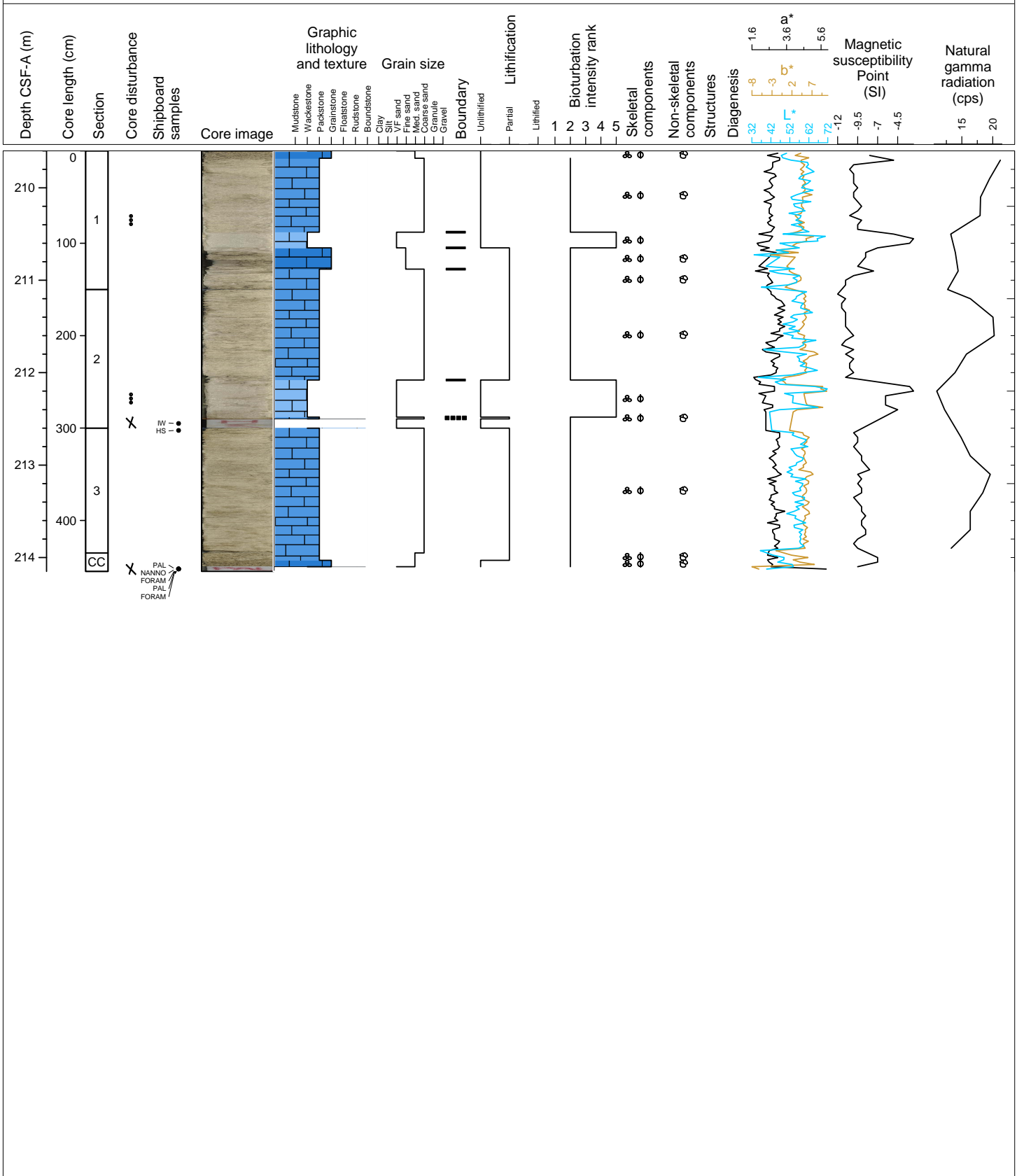
Unlithified GRAINSTONE. Medium-coarse grained, light grayish brown. Planktic foraminifera are abundant and benthic foraminifera are common. Pteropods, shell fragments gastropods, echinoid spines, intraclasts/aggregate grains, ooliths and organic matter are present to common. Fining-up. Remark: All cave-in. Totally disturbed. CC to PAL





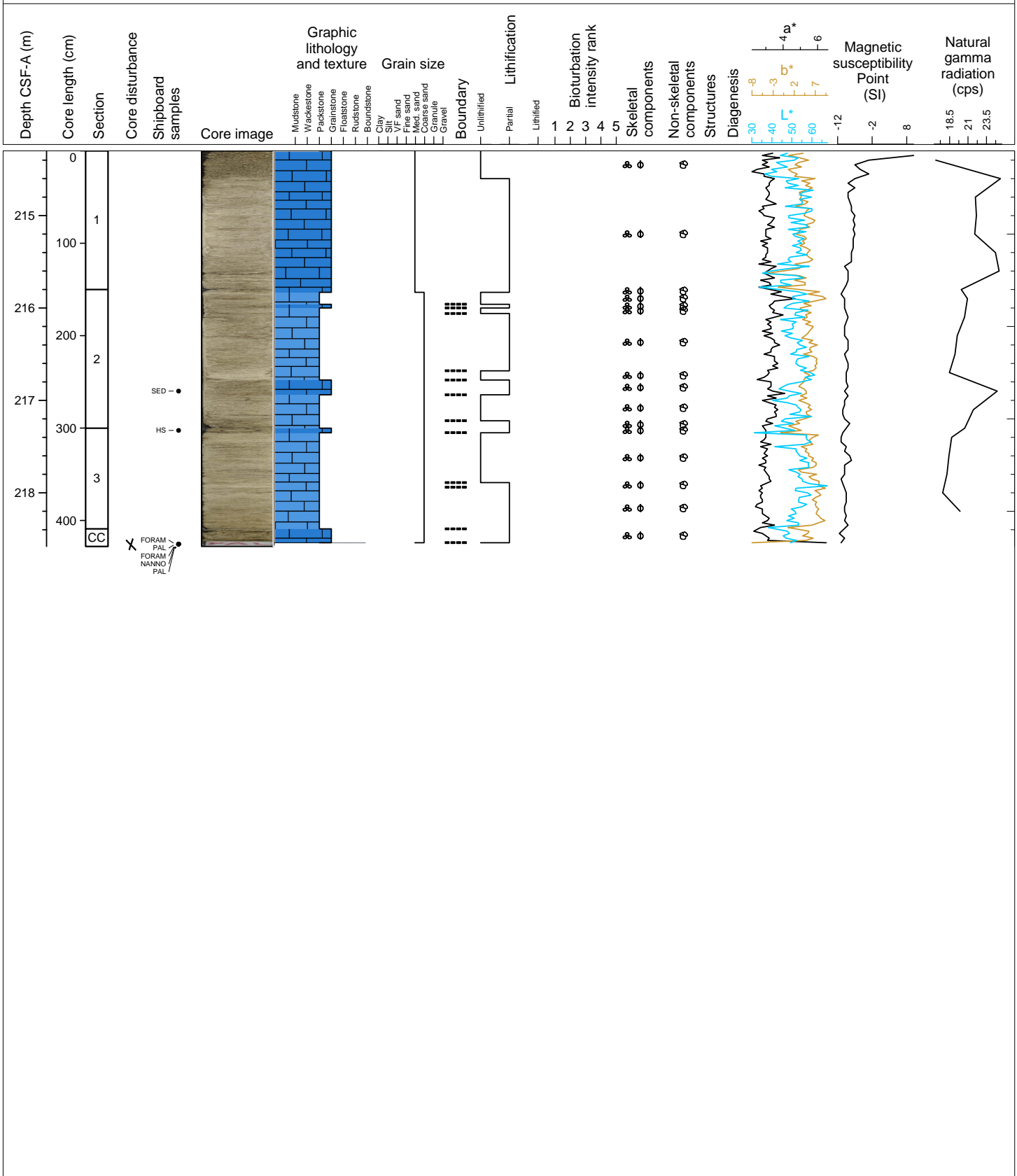
Hole 359-U1472A Core 26F, Interval 209.6-214.15 m (CSF-A)

Main Lithology: Partially lithified to lithified planktic foraminifera-rich PACKSTONE with interlayered GRAINSTONE. Packstone fine- to medium-grained and grainstone medium- to coarse grained. Light grayish brown grayish brown to white. Planktic foraminifera are abundant. Benthic foraminifera, aggregate grains/intraclasts and black grains are common. Contacts are sharp and represent changes in color and texture. Minor Lithology: grainstone in burrows preserved in the packstone and wackestone interval from 26F, 98 -138 cm. None. Remarks: Components have calcite overgrowth and are poorly preserved.



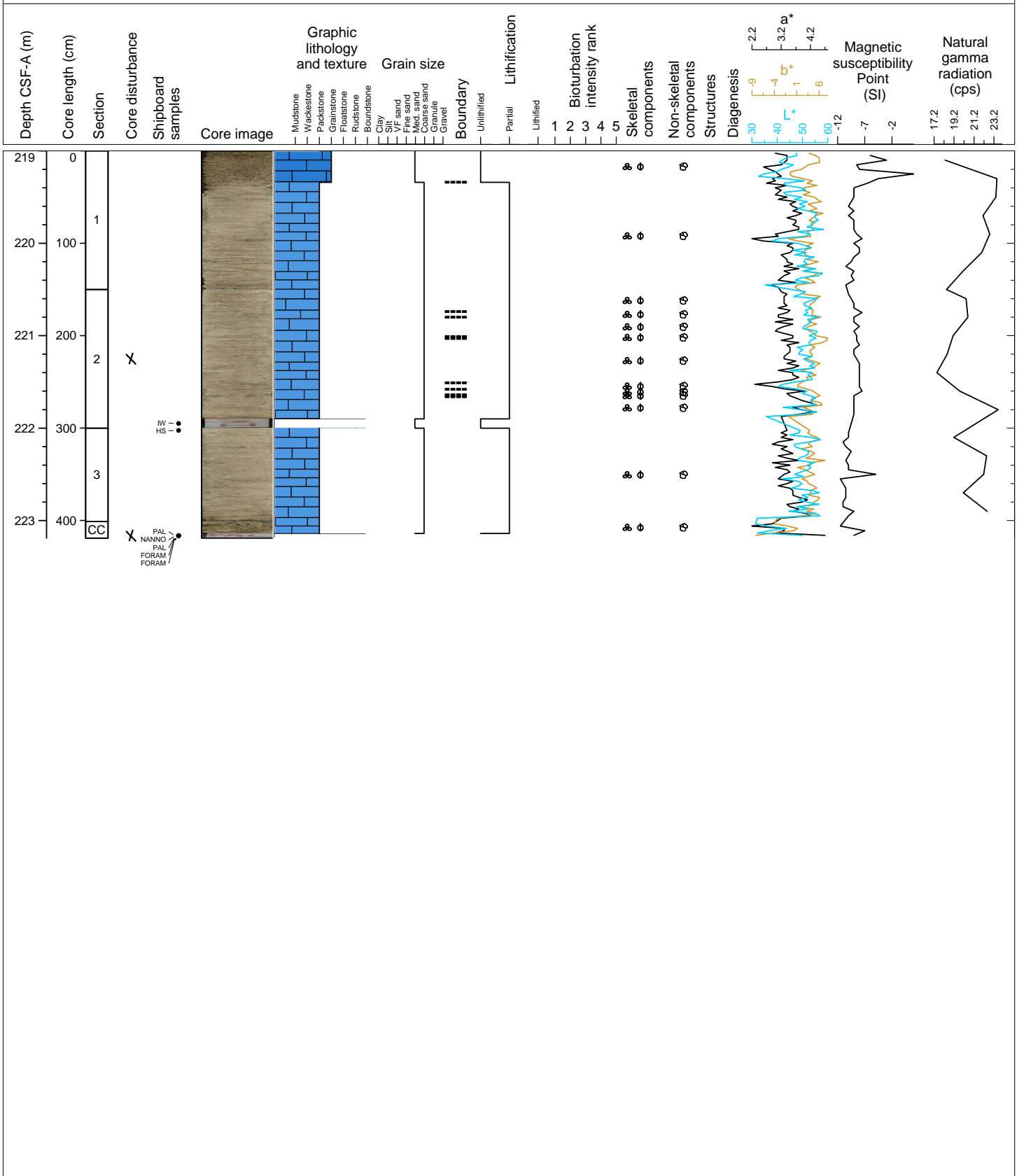
Hole 359-U1472A Core 27F, Interval 214.3-218.58 m (CSF-A)

Main Lithology: Partially lithified to unlithified planktic foraminifera-rich PACKSTONE with interlayered GRAINSTONE. Packstone fine- to medium-grained and grainstone medium- to coarse grained. Light grayish brown grayish brown to white. Planktic foraminifera are abundant. Benthic foraminifera, aggregate grains/intraclasts, bioclasts and black grains are common. Minor Lithology: GRAINSTONE present as interlayers and infill in burrows. Cave in top 30 cm.



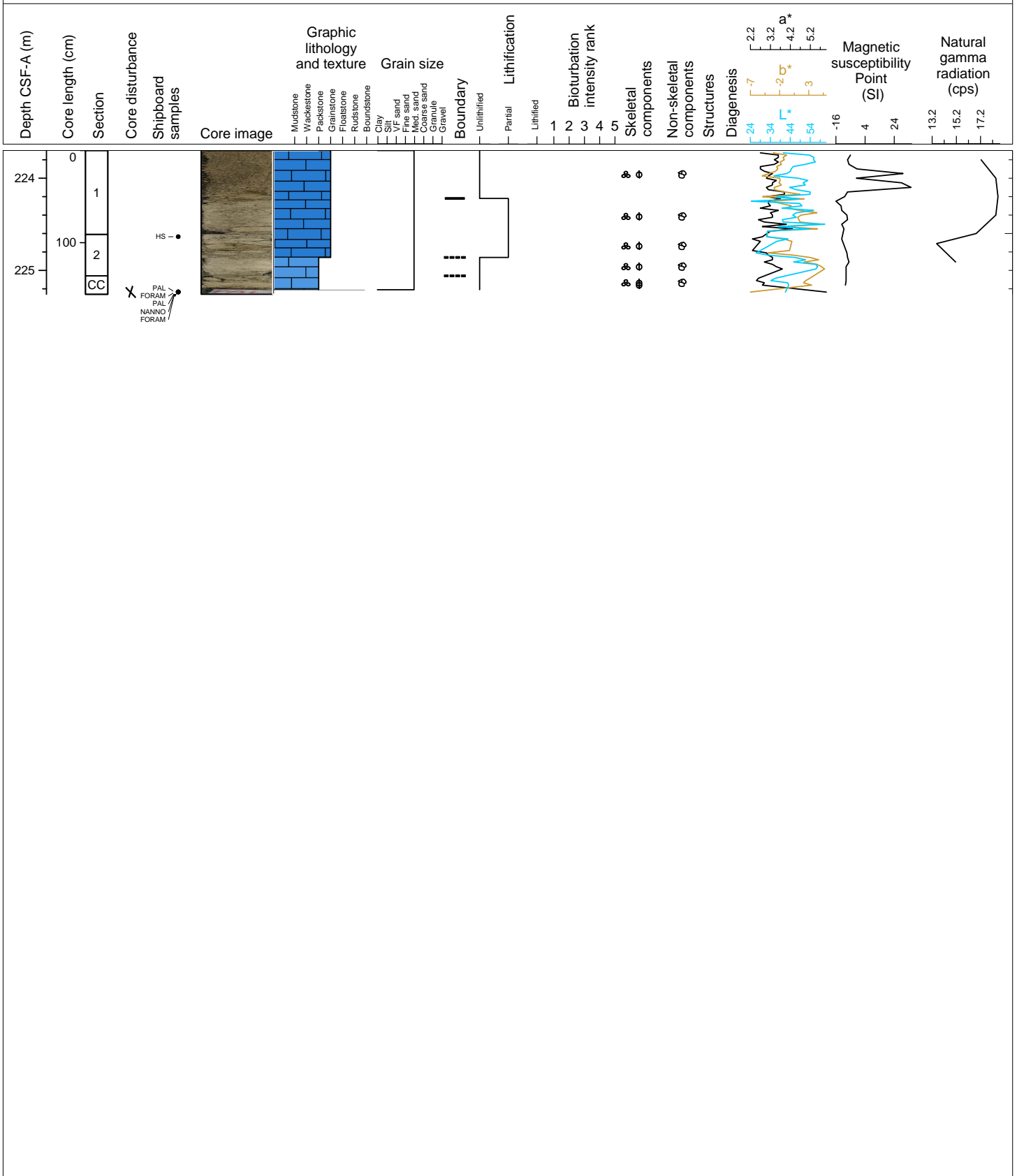
Hole 359-U1472A Core 28F, Interval 219.0-223.19 m (CSF-A)

Main Lithology: Partially lithified to unlithified planktic foraminifera-rich PACKSTONE with interlayered GRAINSTONE. Packstone fine- to medium-grained and grainstone medium- to coarse grained. Light grayish brown grayish brown to white. Planktic foraminifera are abundant. Benthic foraminifera, aggregate grains/intraclasts, bioclasts and black grains are common. Minor Lithology: GRAINSTONE present as interlayers and infill in burrows. Cave in top 34 cm.



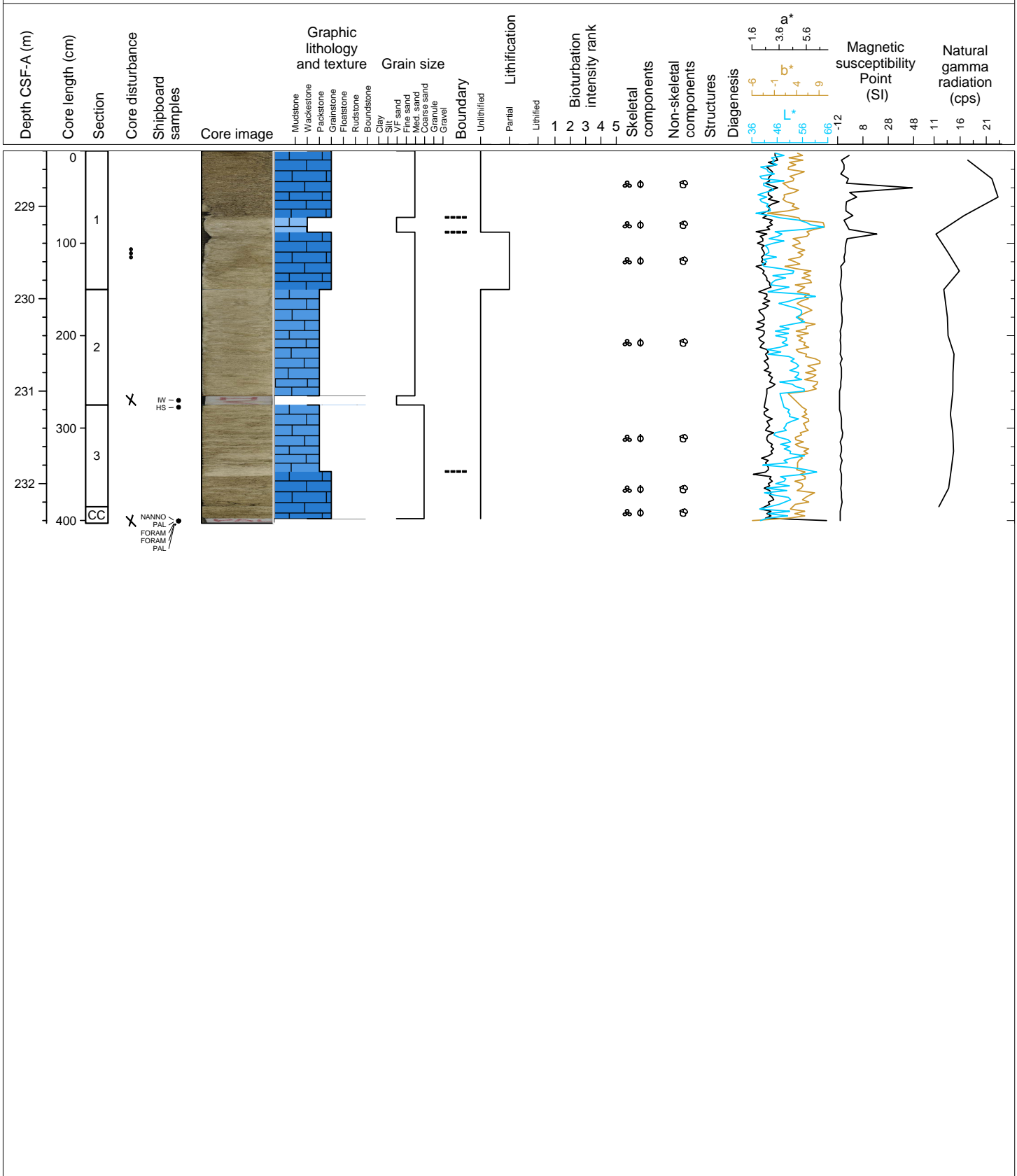
Hole 359-U1472A Core 29F, Interval 223.7-225.26 m (CSF-A)

Main Lithology: Partially lithified planktic foraminifera-rich GRAINSTONE and interlayered unlithified PACKSTONE. Medium-grained, light grayish brown grayish brown to light gray. Molds preserved in the cements. Planktic foraminifera are abundant. Benthic foraminifera, aggregate grains/intraclasts, and bioclasts are common. Coral fragments, Halimeda plates. Mollusk fragments, Chlamys, red algae and large benthic foraminifera Lepidocydrina are present. Minor Lithology: GRAINSTONE present as infill in burrows within PACKSTONE intervals. Fully lithified (well cemented) clasts are present. Cave in top 52 cm.



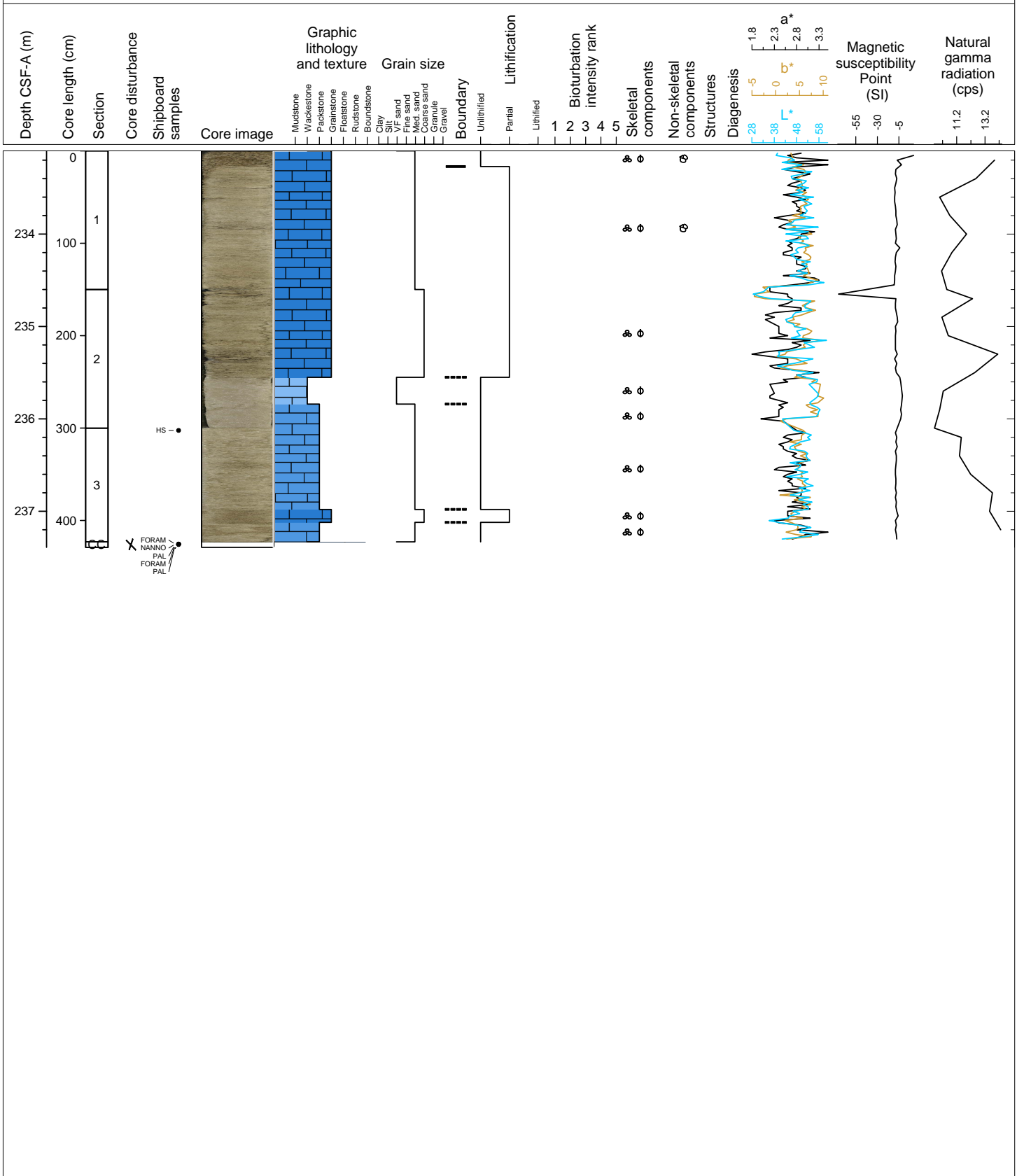
Hole 359-U1472A Core 30F, Interval 228.4-232.43 m (CSF-A)

Main Lithology: Partially lithified and unlithified planktic foraminifera-rich GRAINSTONE and interlayered unlithified PACKSTONE. Medium- to coarse-grained, light grayish brown grayish brown to light gray and white. Planktic foraminifera are abundant. Benthic foraminifera, aggregate grains/intraclasts, and bioclasts are common. Large benthic foraminifera (Amphistegina) mollusk fragments, lithoclasts and echinoid fragments are common. GRAINSTONE present as infill in burrows within PACKSTONE intervals. Cave in top 72 cm.



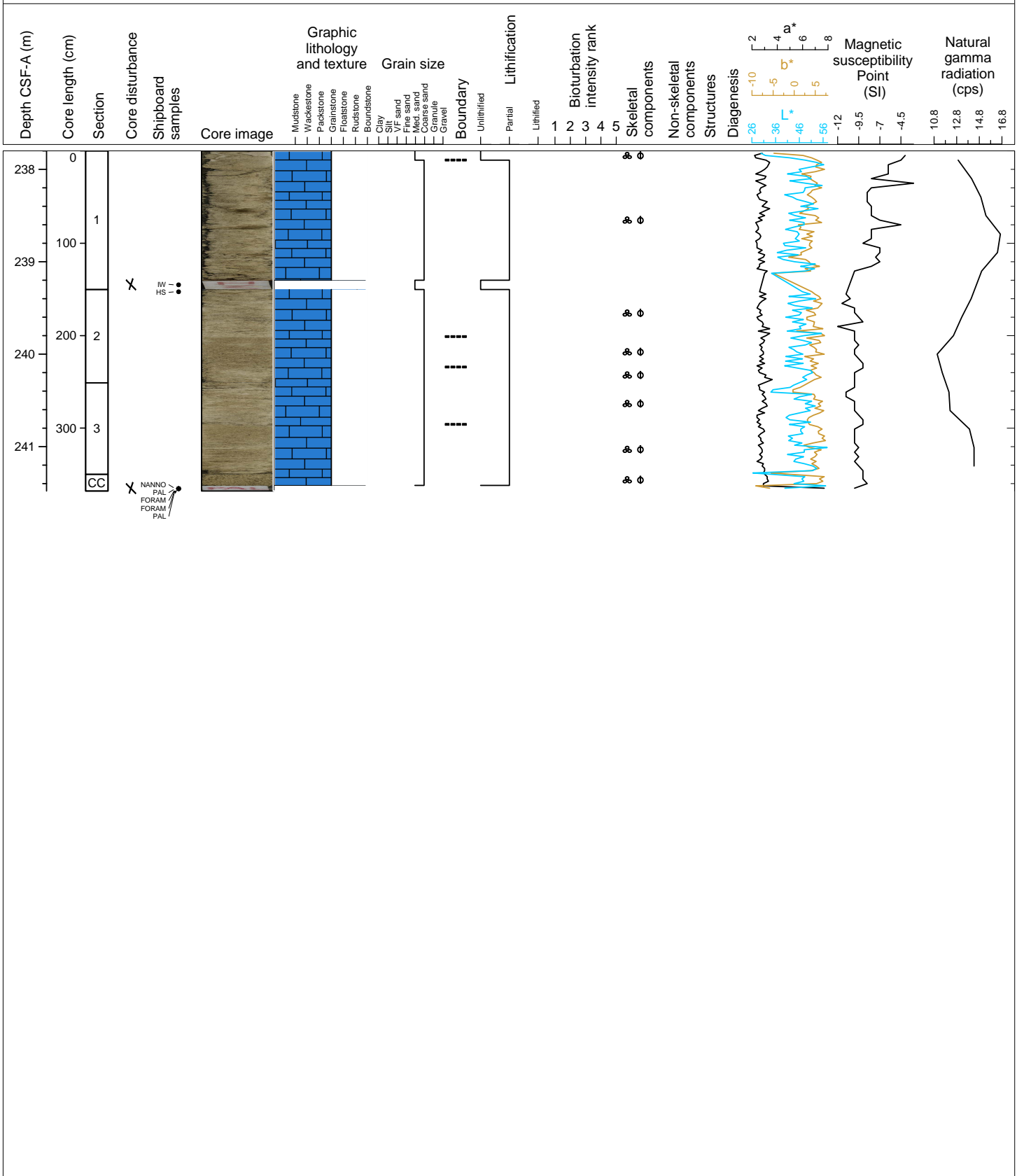
Hole 359-U1472A Core 31F, Interval 233.1-237.39 m (CSF-A)

Main Lithology: Partially lithified and unlithified planktic foraminifera-rich GRAINSTONE and interlayered unlithified PACKSTONE. Medium- to coarse-grained, light grayish brown grayish brown to light gray and white. Planktic foraminifera are abundant. Benthic foraminifera, aggregate grains/intraclasts, and bioclasts are common. Large benthic foraminifera (Amphistegina) mollusk fragments, lithoclasts and echinoid fragments are common. GRAINSTONE present as infill in burrows within PACKSTONE intervals. WACKESTONE interval 31F, 95 - 124 cm. Cave in top 17 cm.



Hole 359-U1472A Core 32F, Interval 237.8-241.48 m (CSF-A)

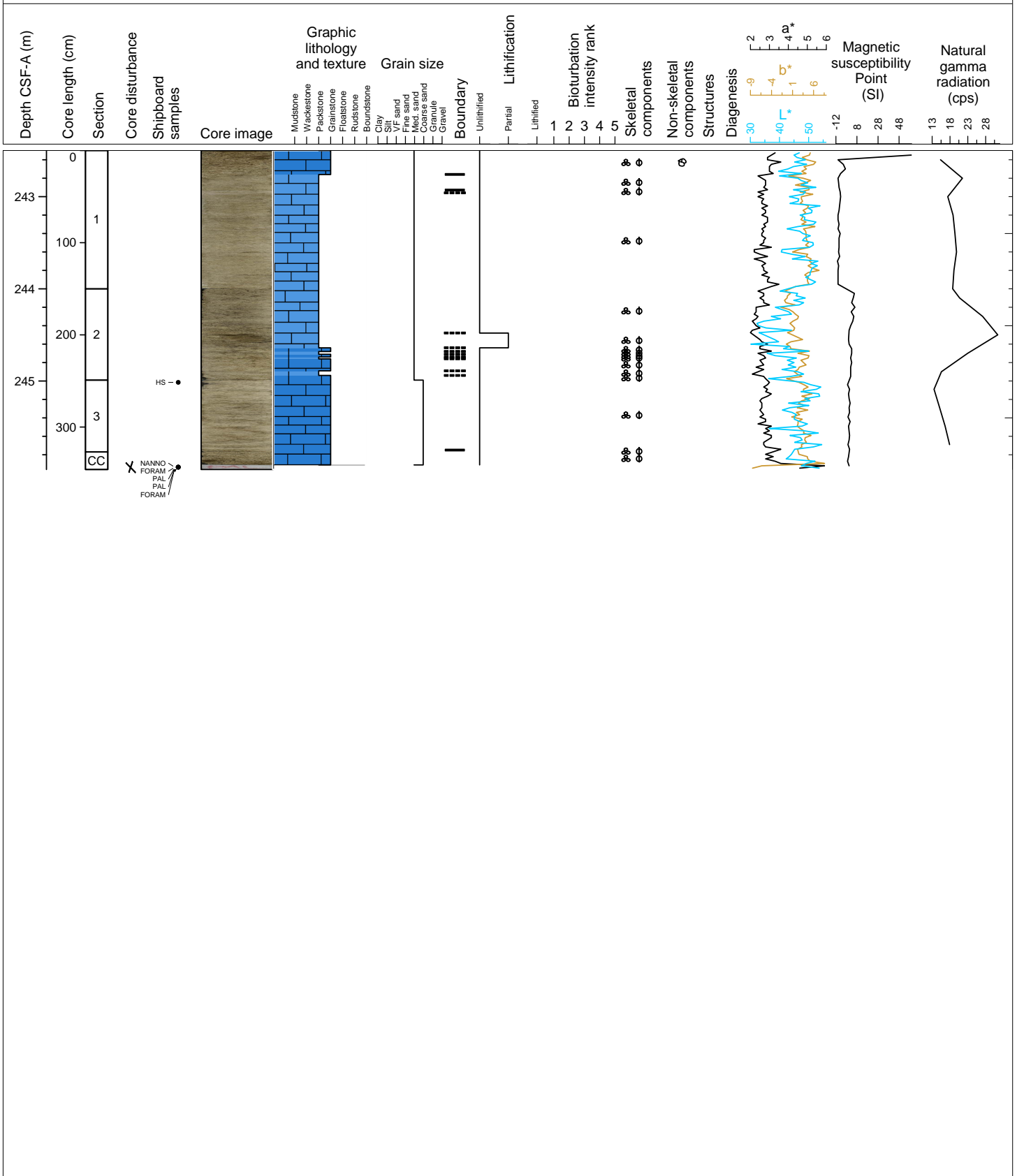
Main Lithology: Partially lithified and unlithified planktic foraminifera-rich GRAINSTONE and interlayered unlithified PACKSTONE. Medium- to coarse-grained, light gray to light greyish brown and pale yellow. Planktic foraminifera are abundant. Benthic foraminifera, aggregate grains/intraclasts, and bioclasts are common. Large benthic foraminifera (Amphistegina, Lepidocyclus and Miogypsinia) are common. Mollusk fragments, gastropods, lithoclasts and echinoid fragments are present to common. Minor Lithology: PACKSTONE commonly present as infill in burrows within GRAINSTONE intervals. Remarks: None.





Hole 359-U1472A Core 33F, Interval 242.5-245.96 m (CSF-A)

Main Lithology: Unlithified planktic foraminifera-rich mud lean PACKSTONE and interlayered partially lithified GRAINSTONE. Medium-grained, light gray to light greyish brown. Planktic foraminifera are abundant. Benthic foraminifera, aggregate grains/intraclasts, and bioclasts are common. Large benthic foraminifera (Amphistegina, and Lepidocyclina) are common. Mollusk fragments, gastropods, lithoclasts and echinoid fragments are present to common. Components present calcite overgrowth. Bioturbation is common. Minor Lithology: PACKSTONE commonly present as infill in burrows within GRAINSTONE intervals. Remarks: Cave-in for the top 26 cm.



Hole 359-U1472A Core 34F, Interval 247.2-249.24 m (CSF-A)

Main Lithology: Unlithified planktic foraminifera-rich mud lean PACKSTONE and interlayered partially lithified GRAINSTONE. Medium-grained, light gray to light greyish brown. Planktic foraminifera and aggregate grains/intraclasts are abundant. Benthic foraminifera, and bioclasts are common. Large benthic foraminifera (Amphistegina, and Lepidocyclus) are common. Mollusk fragments, gastropods, lithoclasts and echinoid fragments/spines are present to common. Components present calcite overgrowth. Bioturbation is common with a concentration of organic matter in burrows. Minor Lithology: Fining up section from granular-grained GRAINSTONE to very fine PACKSTONE, 34F-2-A, 0 - 41 cm. Remarks: Cave-in for the top 51 cm.

