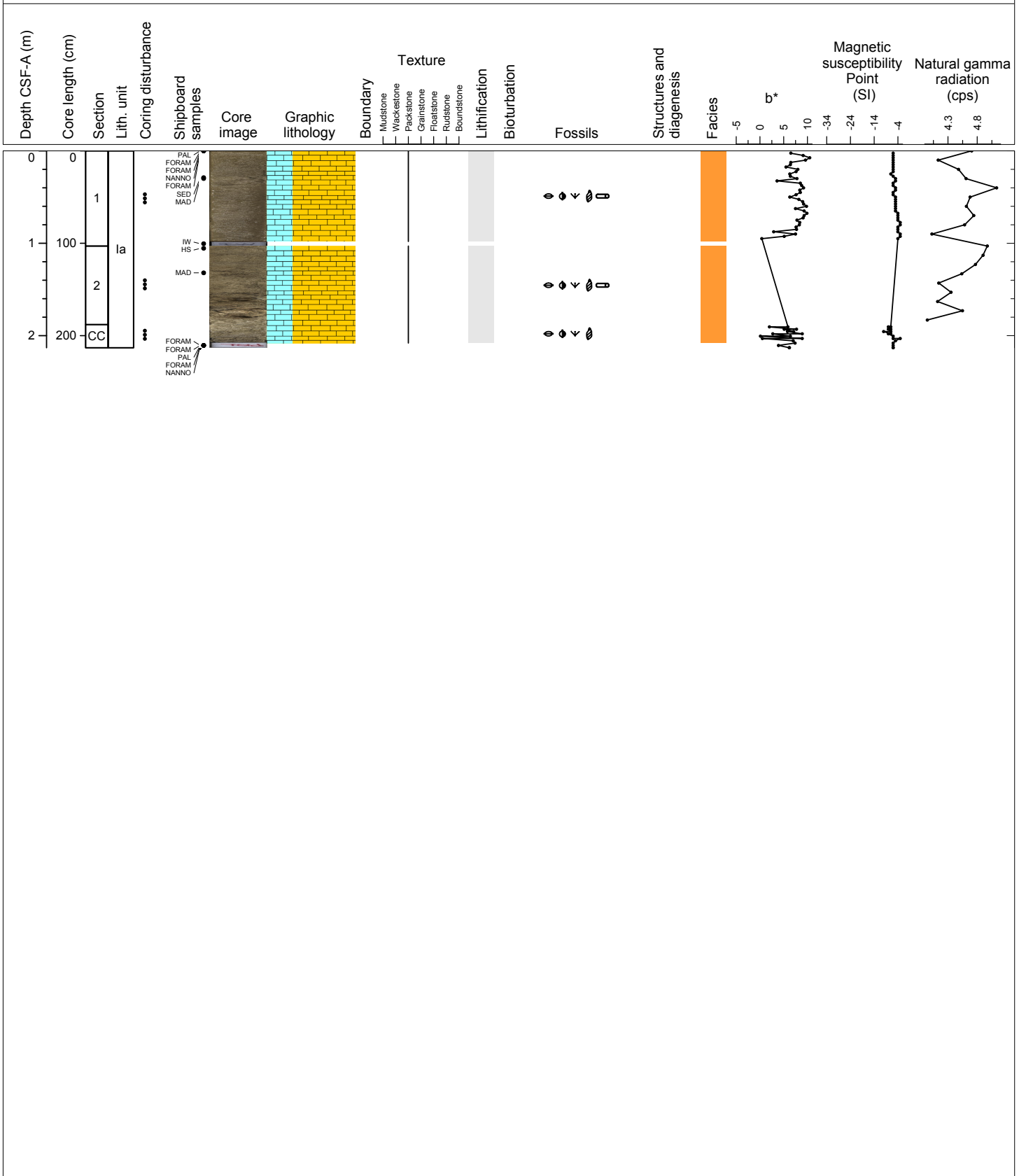


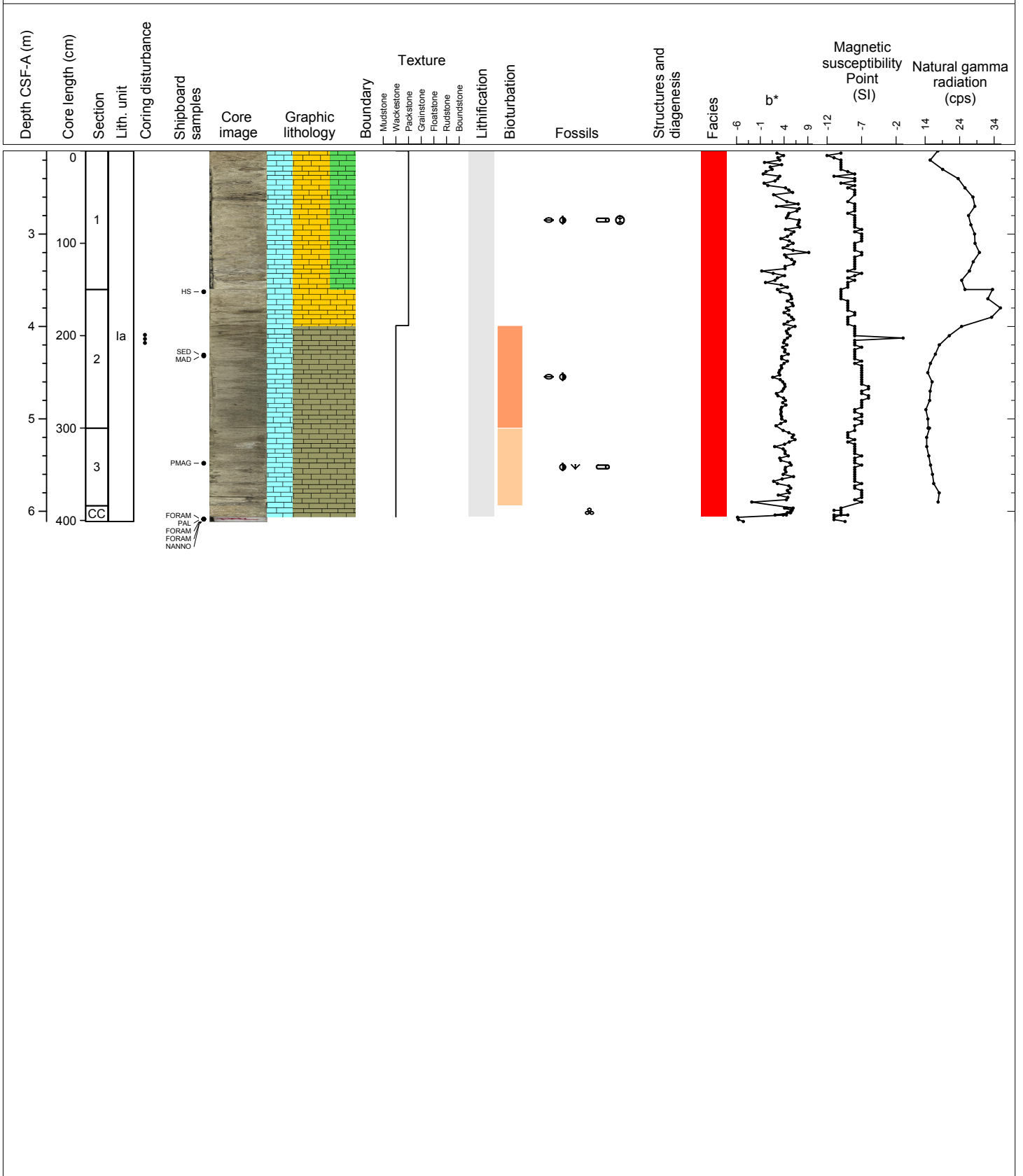
Hole 356-U1460A Core 1F, Interval 0.0-2.13 m (CSF-A)

Unlithified, light brown, skeletal, PACKSTONE with abundant macrofossils (benthic foraminifers, bivalves, gastropods, bryozoans, and scaphopods). In the lower part of the core (2A, 51–77 cm depth), gravel-sized bryozoan fragments are particularly abundant. Sedimentary structure is massive. Neritic.

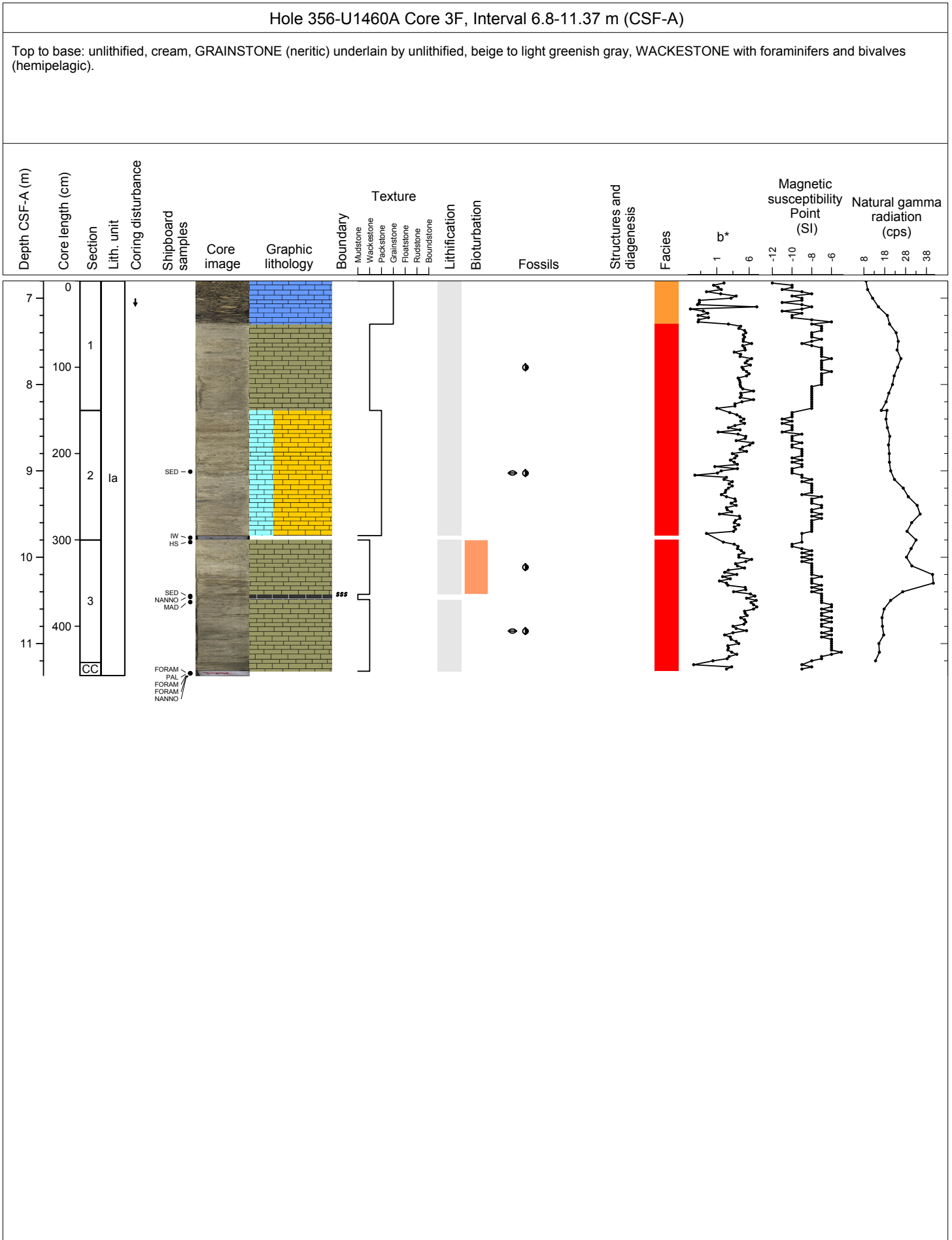


Hole 356-U1460A Core 2F, Interval 2.1-6.11 m (CSF-A)

Unlithified, beige, skeletal, PACKSTONE with medium sand-sized grains and abundant fossils (solitary coral, small benthic foraminifers, bryozoans, bivalves, and scaphopods) transitions to beige WACKESTONE. Hemipelagic.

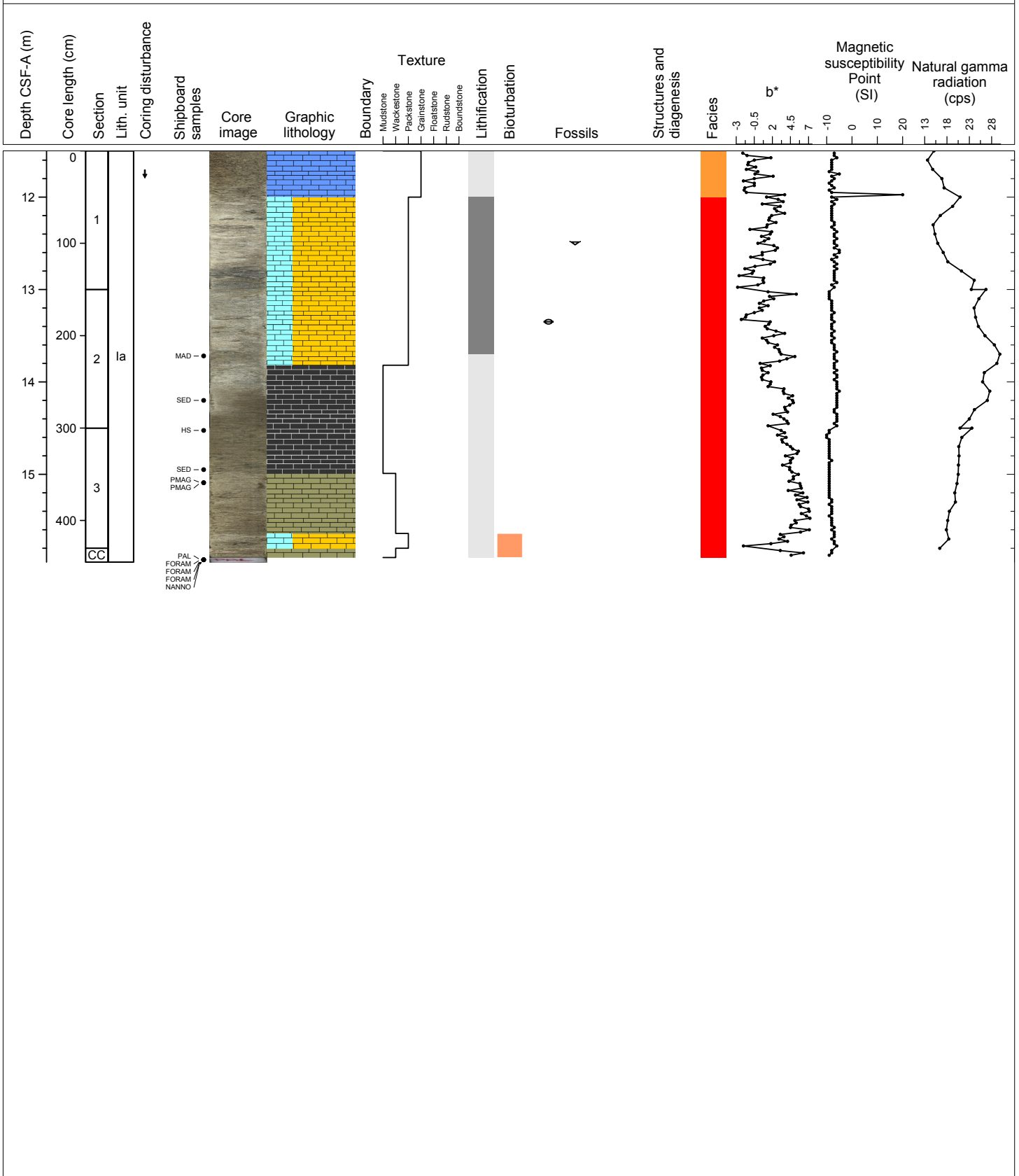






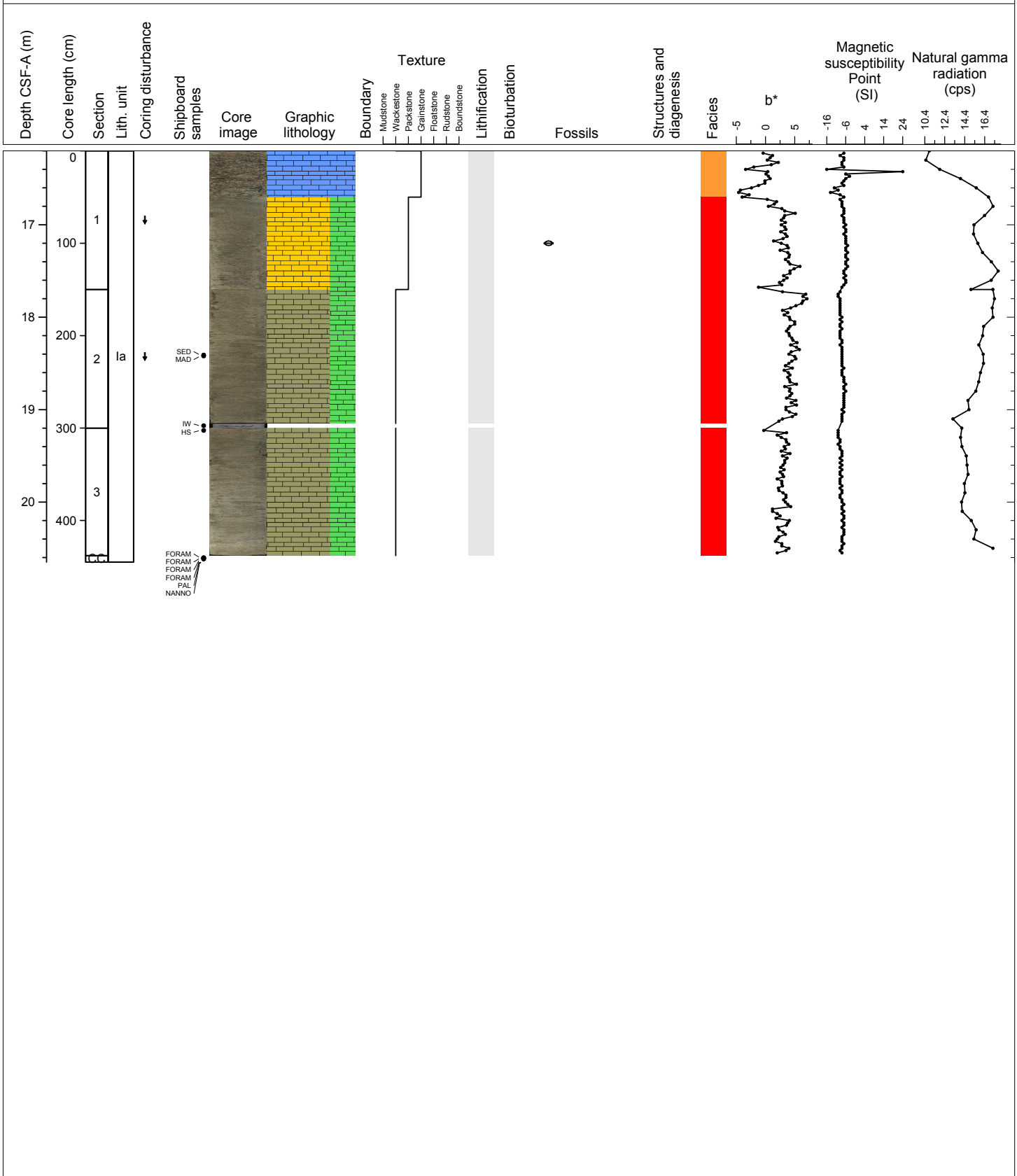
Hole 356-U1460A Core 4F, Interval 11.5-15.95 m (CSF-A)

Top to base: unlithified, cream GRAINSTONE (neritic) underlain by partially lithified, light greenish gray, skeletal PACKSTONE (with bivalves and brachiopods), which then transitions to alternating intervals of unlithified, light greenish gray to beige, MUDSTONE, WACKESTONE, and PACKSTONE in the lower half of the core (hemipelagic).



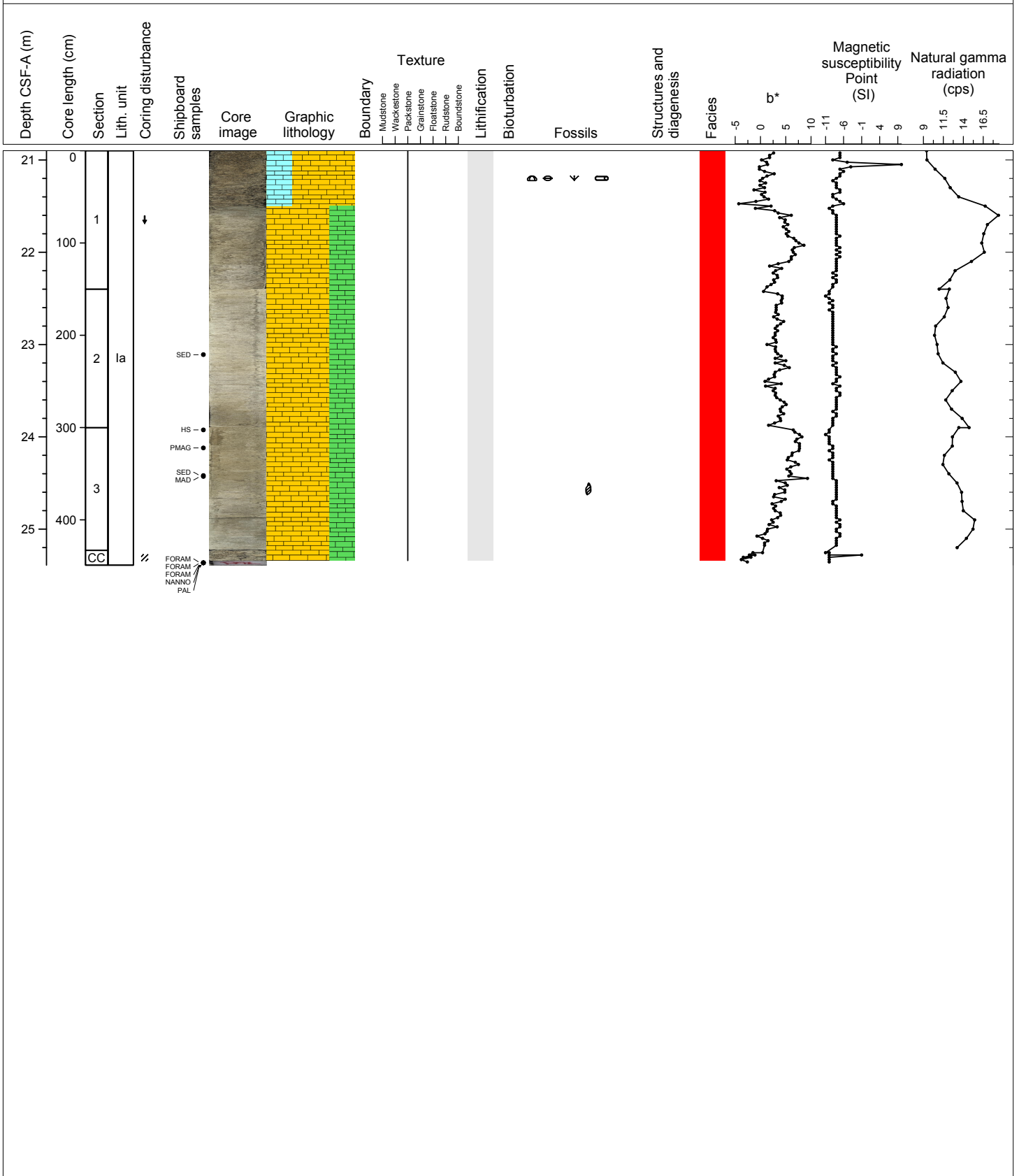
Hole 356-U1460A Core 5F, Interval 16.2-20.65 m (CSF-A)

Top to base: unlithified, cream, GRAINSTONE composed of cave-in material (coring disturbance; neritic), underlain by unlithified, cream to light gray, PACKSTONE with glauconite and bivalve fragments. Packstone transitions to unlithified, beige to cream, WACKESTONE with glauconite and rare, unidentified (mm-scale) bioclasts. Hemipelagic.



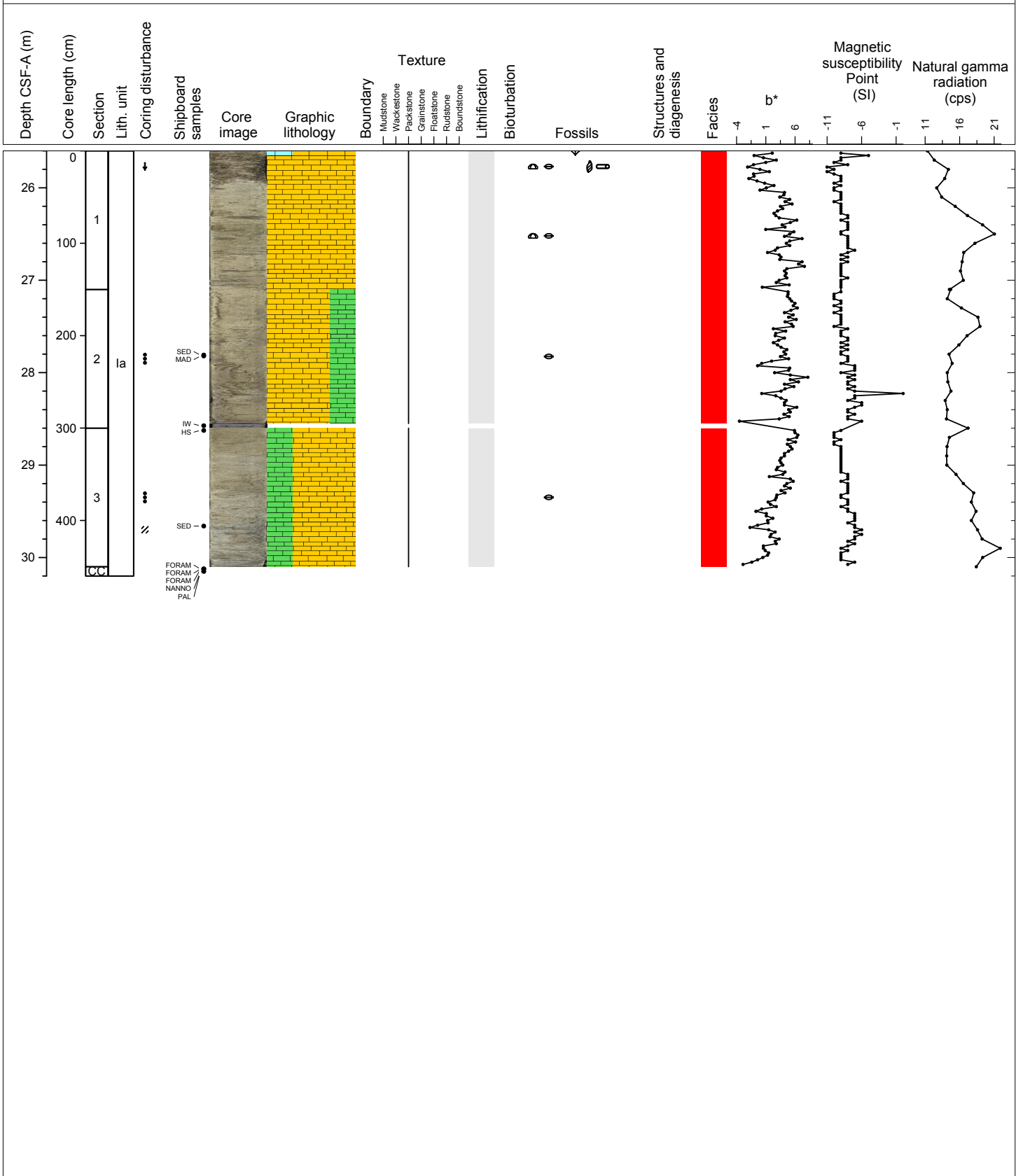
Hole 356-U1460A Core 6F, Interval 20.9-25.39 m (CSF-A)

Top to base: unlithified, gray, skeletal, PACKSTONE with macrofossils (bivalves, bryozoans, echinoderms, and scaphopods) underlain by unlithified, cream to beige, PACKSTONE with glauconite and rare bioclasts (gastropods). Hemipelagic.



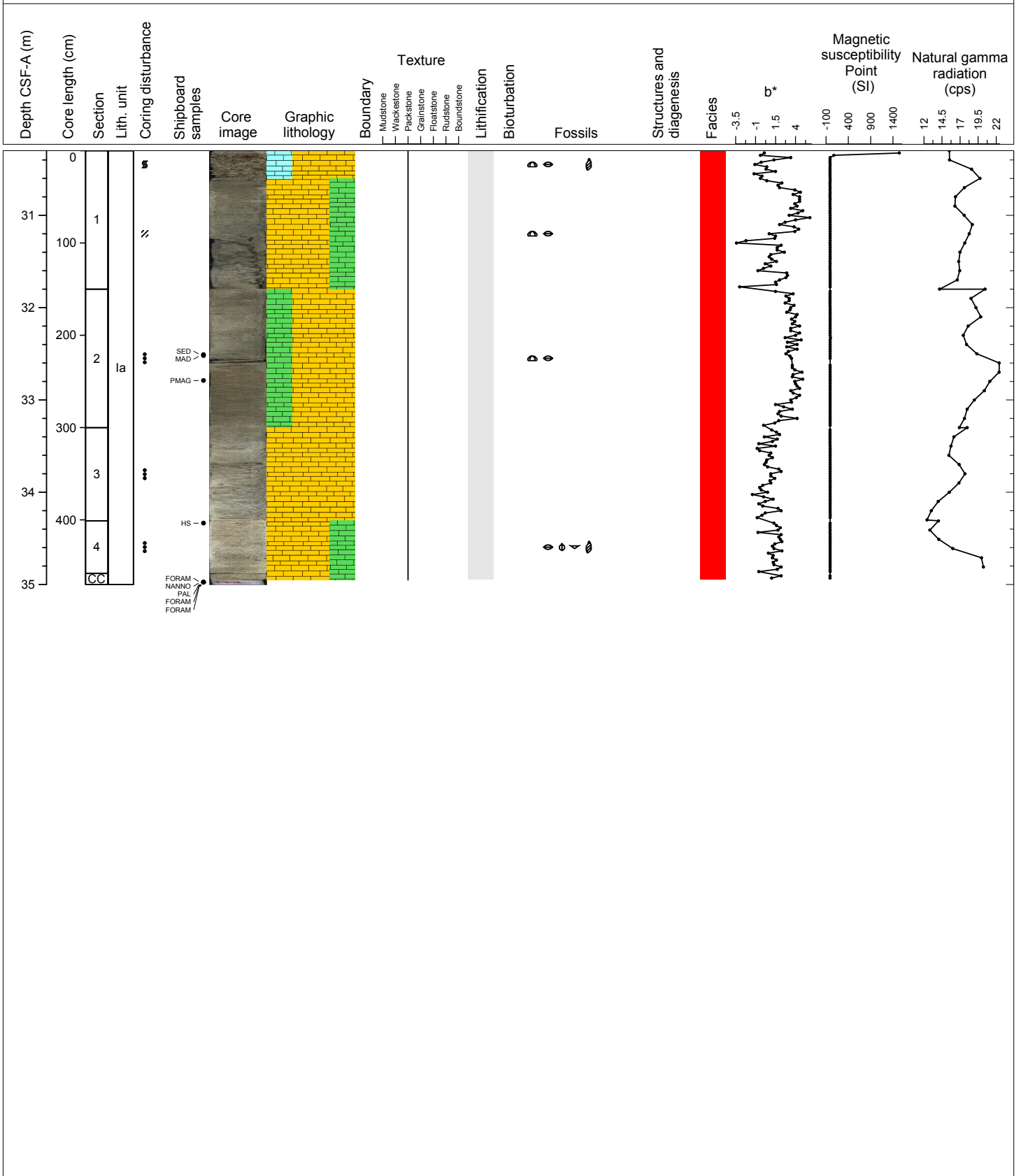
Hole 356-U1460A Core 7F, Interval 25.6-30.2 m (CSF-A)

Top to base: unlithified, gray, gravel-sized, skeletal, PACKSTONE with macrofossils (bryozoans, bivalves, gastropods, scaphopods, and echinoderms) underlain by unlithified, cream, PACKSTONE with coral fragments, bivalves, and echinoderm fragments. This packstone becomes glauconite-rich and dark greenish-gray near the base of the core. Hemipelagic.



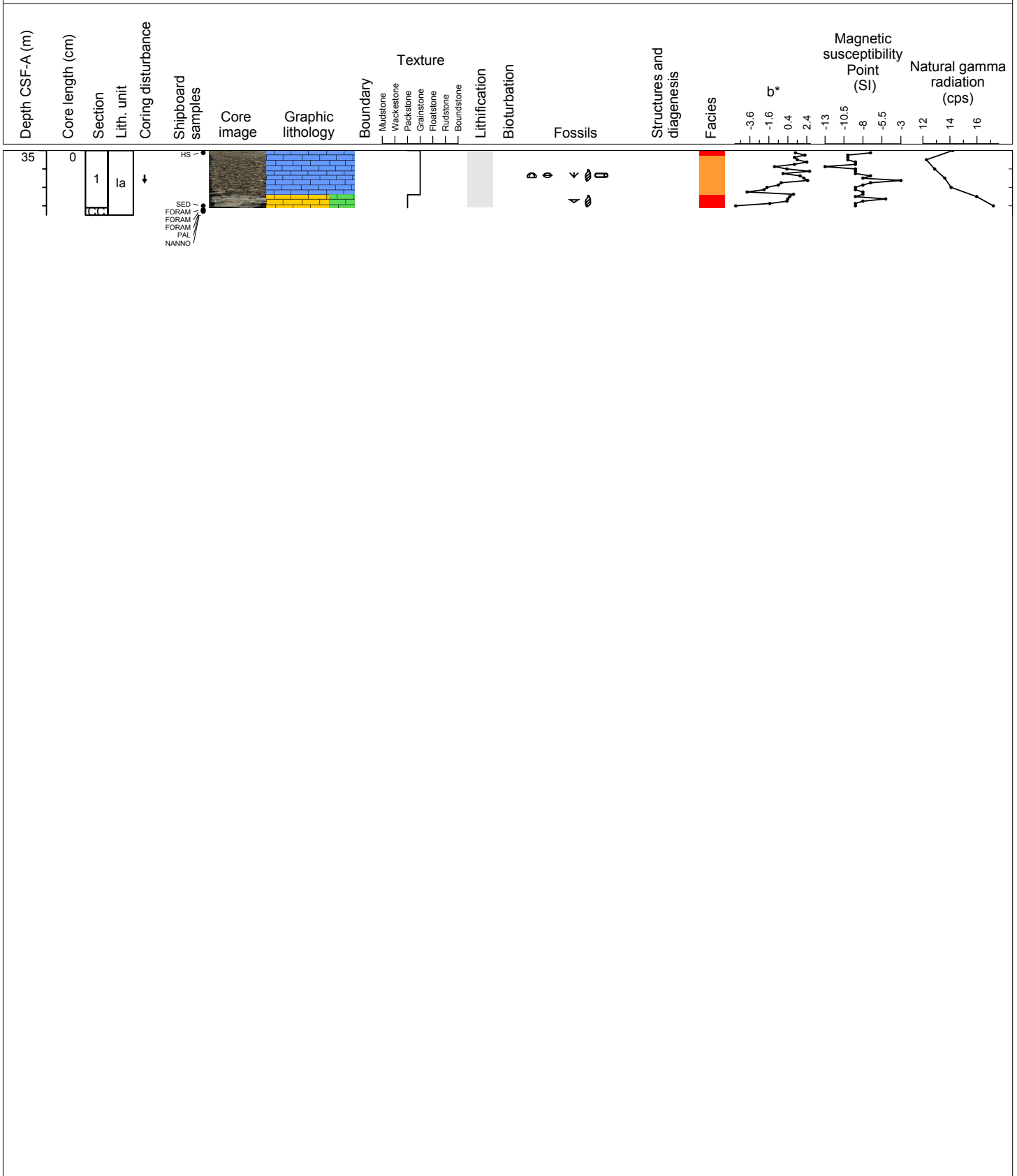
Hole 356-U1460A Core 8F, Interval 30.3-35.0 m (CSF-A)

Top to base: unlithified, gray, gravel-sized, skeletal, PACKSTONE with macrofossils (bivalves, gastropods, echinoderms, brachiopods, and large benthic foraminifers) underlain by unlithified, gray, PACKSTONE with similar macrofossils as well as glauconite that becomes more glauconite-rich with depth. The color of the packstone changes from light gray to dark greenish gray to light-creamy gray with depth. Hemipelagic.



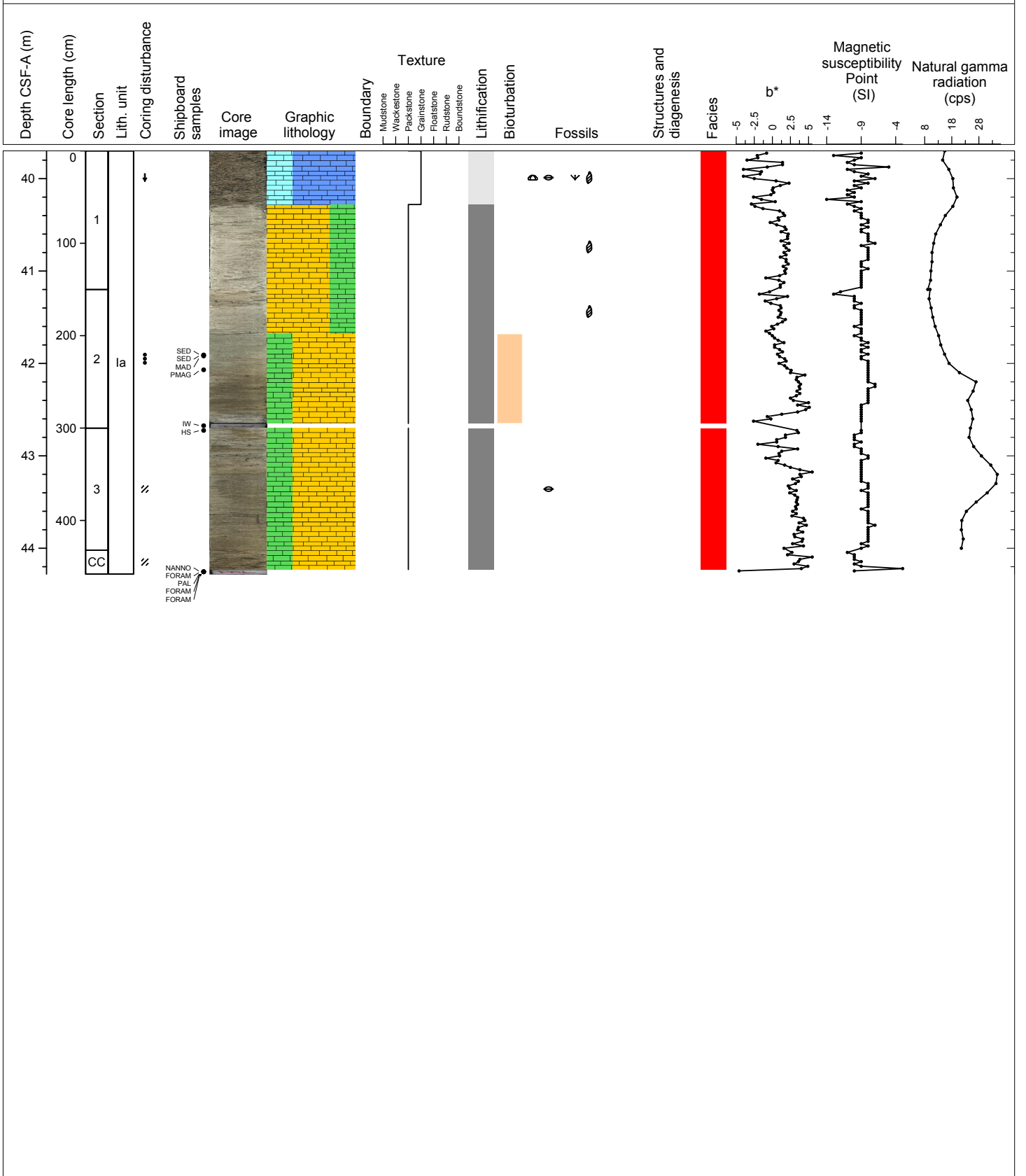
Hole 356-U1460A Core 9F, Interval 35.0-35.7 m (CSF-A)

Top to base: unlithified, fine-grained, light gray to brown, GRAINSTONE with abundant macrofossils (echinoderms, bivalves, bryozoans, gastropods, and scaphopods) transitions to unlithified, light gray, PACKSTONE with glauconite and less diverse macrofossils (gastropods and brachiopods). The grainstone is neritic, and the packstone is hemipelagic.



Hole 356-U1460A Core 10F, Interval 39.7-44.28 m (CSF-A)

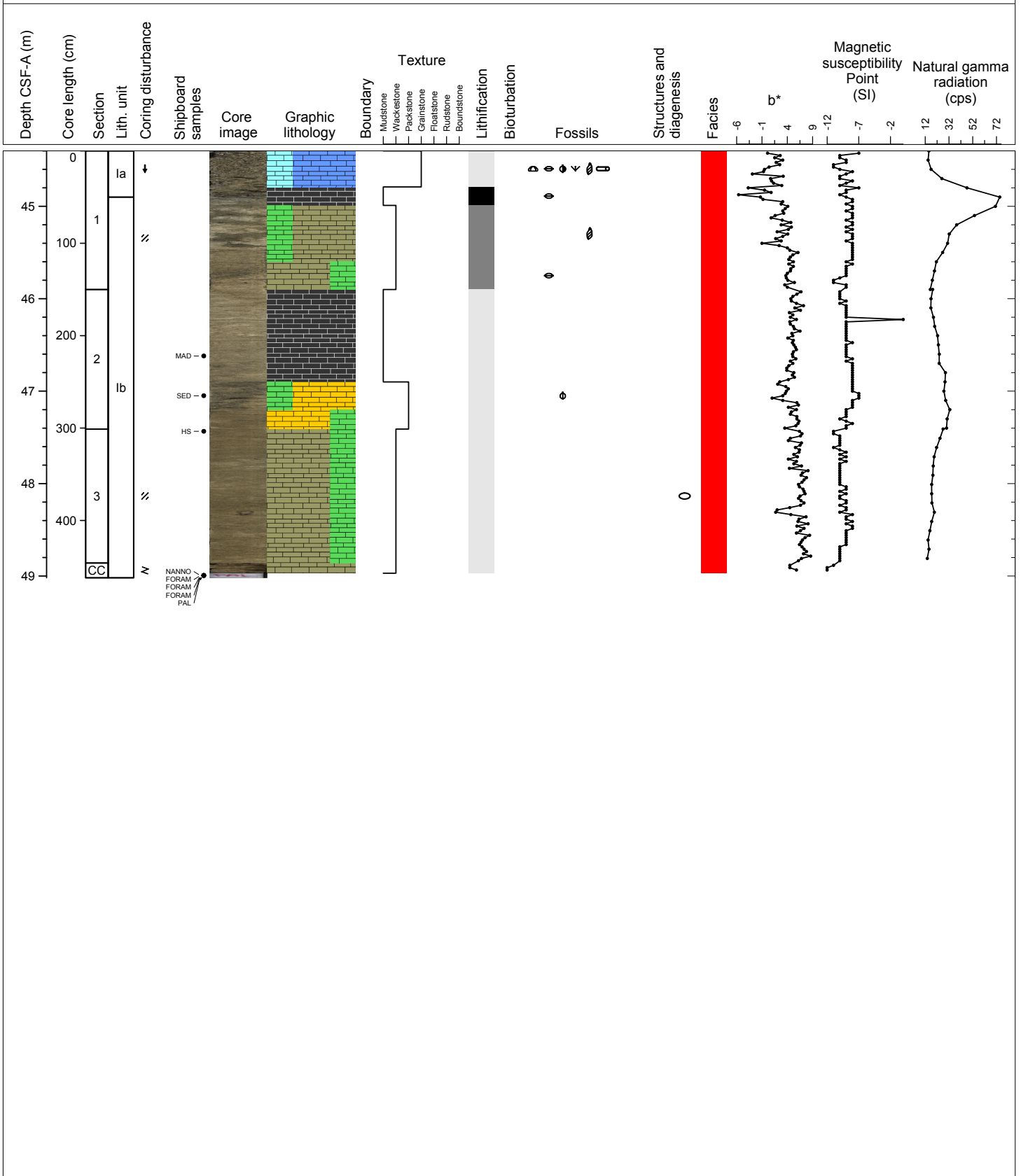
Top to base: unlithified, gray, skeletal GRAINSTONE with macrofossils (bivalves, bryozoans, gastropods, and echinoderms) underlain by partially-lithified, cream to light gray, PACKSTONE with glauconite, bivalves, and gastropods. Glauconite content increases with depth. Hemipelagic.





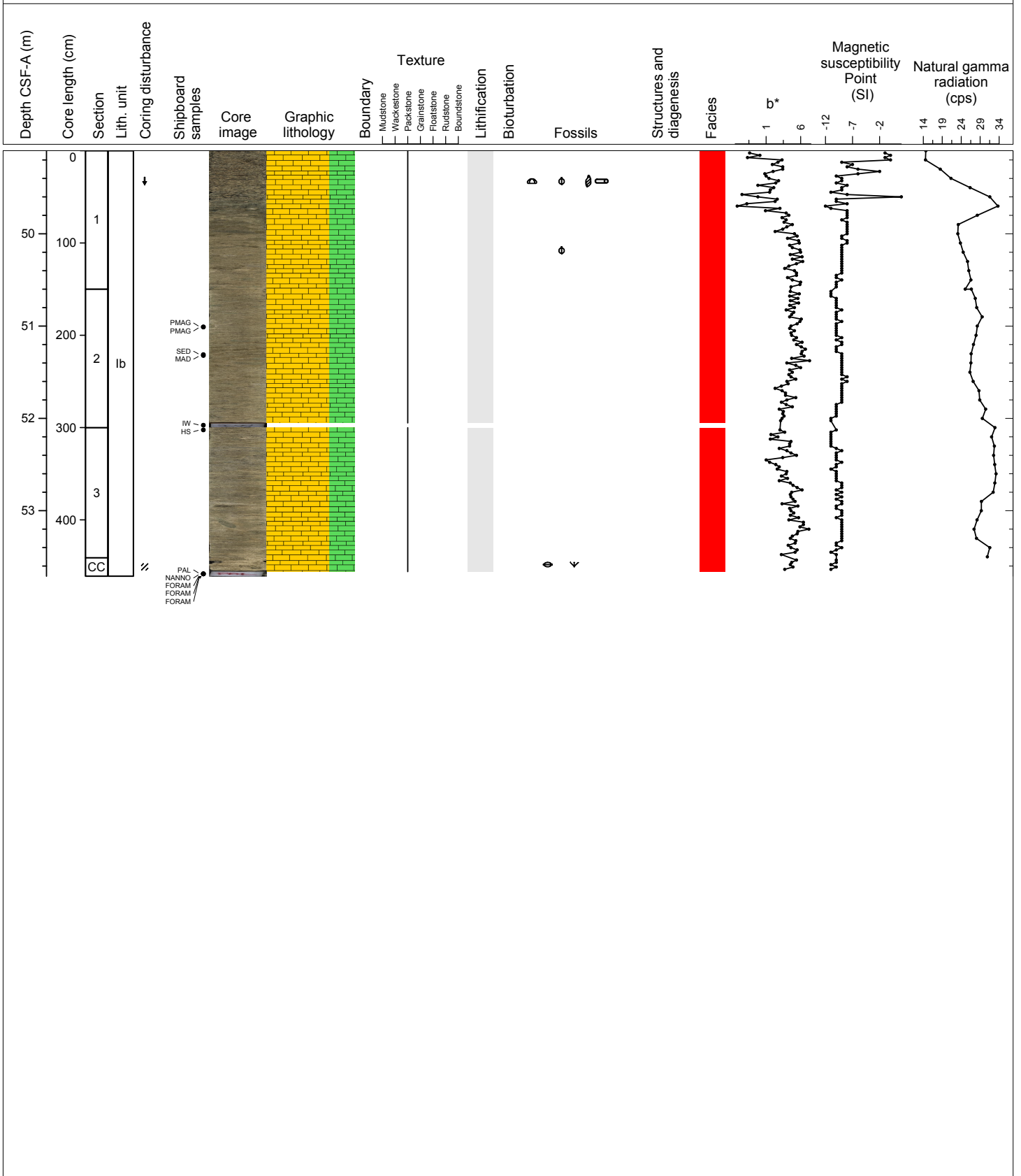
Hole 356-U1460A Core 11F, Interval 44.4-49.02 m (CSF-A)

Top to base: unlithified, sand- to gravel-sized, gray, skeletal PACKSTONE with macrofossils (bivalves, bryozoans, gastropods, and echinoderms) underlain by a lithified to partially lithified, light grayish-green, MUDSTONE and WACKESTONE interval containing gastropods, bivalves, and patches of glauconite. The lower part of the core is unlithified, dark greenish-gray to beige PACKSTONE and WACKESTONE with glauconite patches and large benthic foraminifers. Hemipelagic.



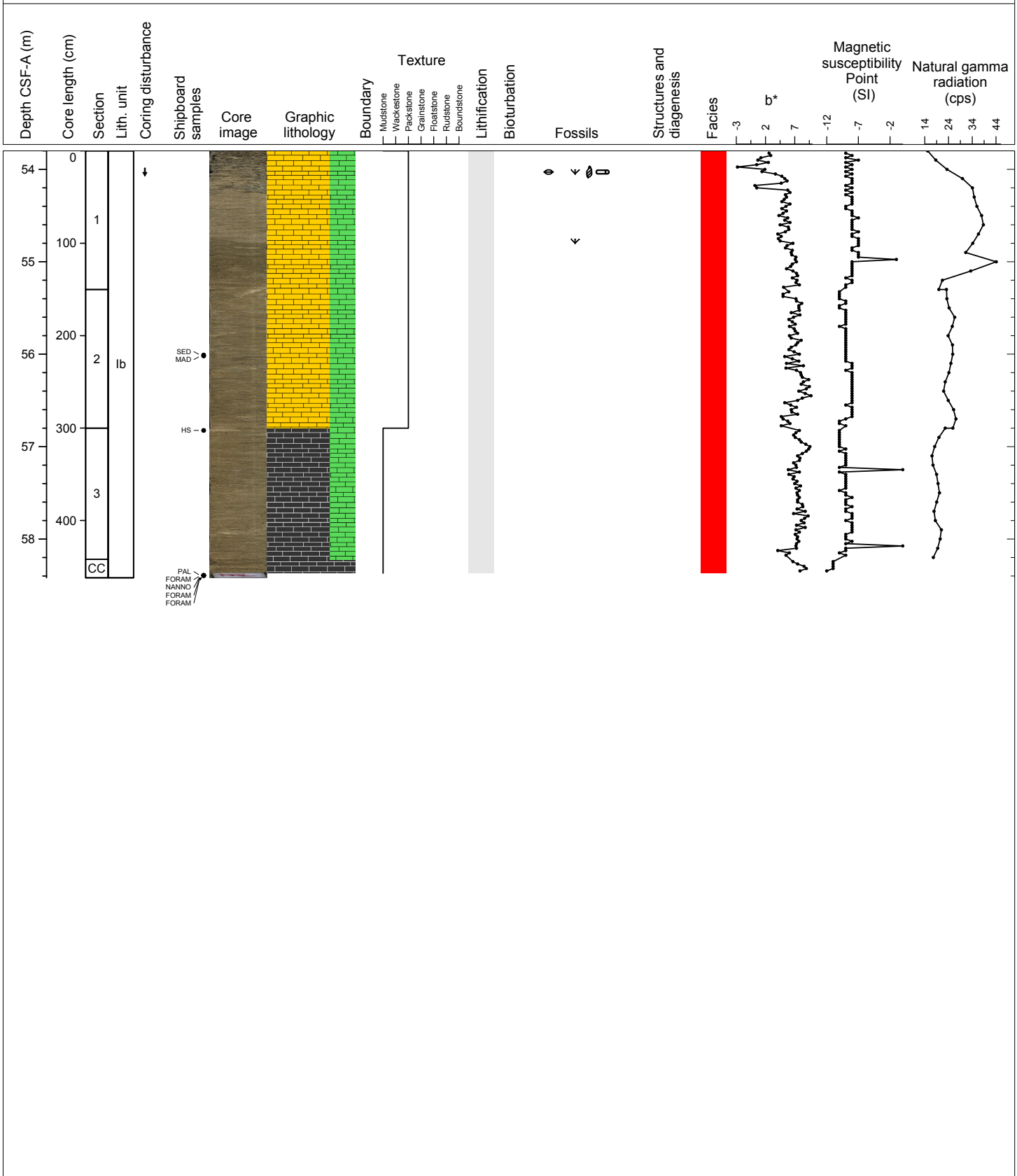
Hole 356-U1460A Core 12F, Interval 49.1-53.71 m (CSF-A)

Unlithified (but firm), creamy gray, PACKSTONE with glauconite and macrofossils (gastropods, echinoderms, large benthic foraminifers, scaphopods, and bryozoans). The glauconite occurs in patches (denoted by green color); the glauconite patches may be the result of organic activity as the patch shapes resemble burrows. Hemipelagic.



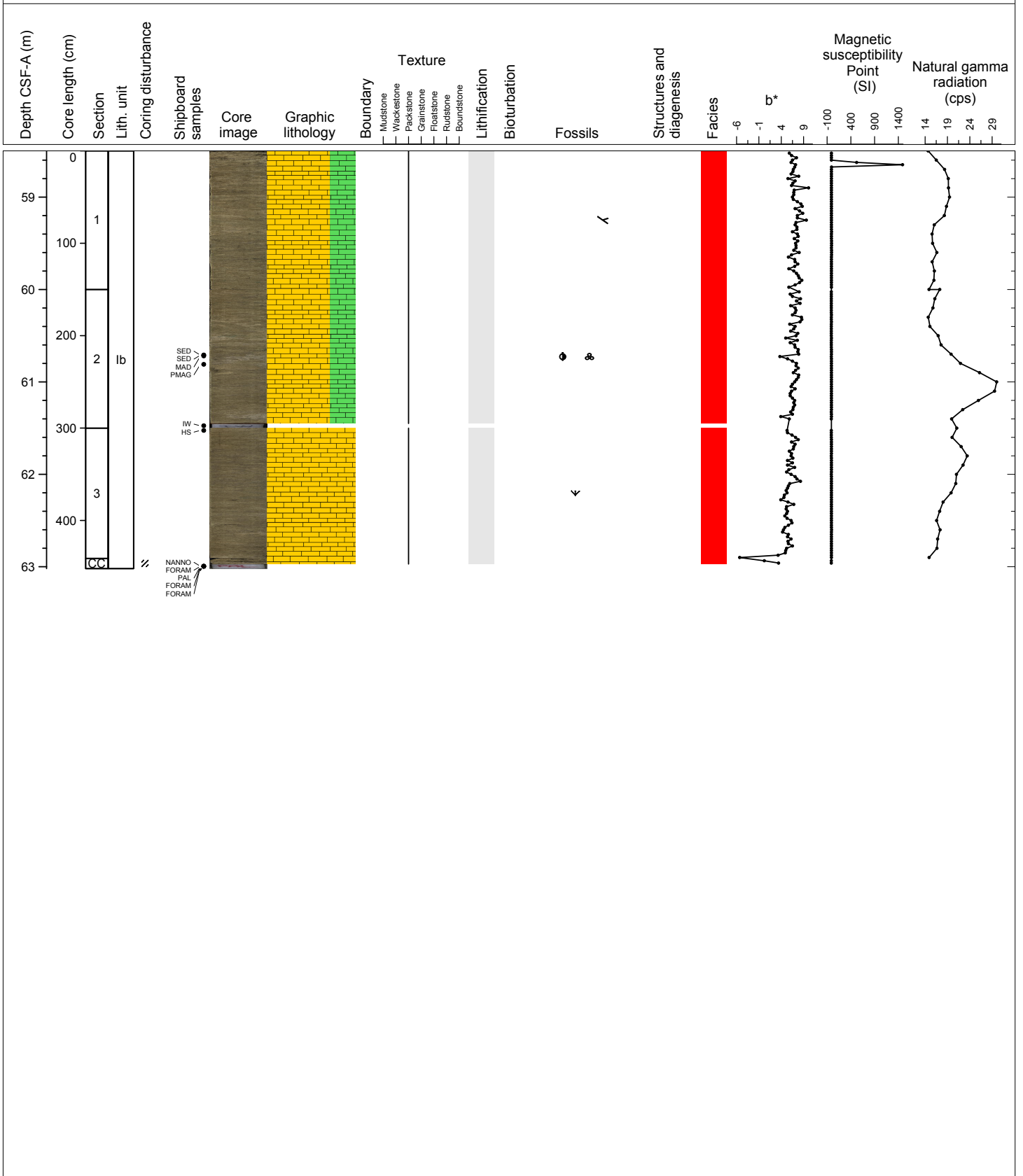
Hole 356-U1460A Core 13F, Interval 53.8-58.42 m (CSF-A)

Top to base: unlithified (but firm), creamy gray to beige, gravel-sized, PACKSTONE with glauconite patches and macrofossils (bryozoans, bivalves, gastropods, and scaphopods). The packstone transitions to unlithified, beige, MUDSTONE with rare glauconite. Hemipelagic.



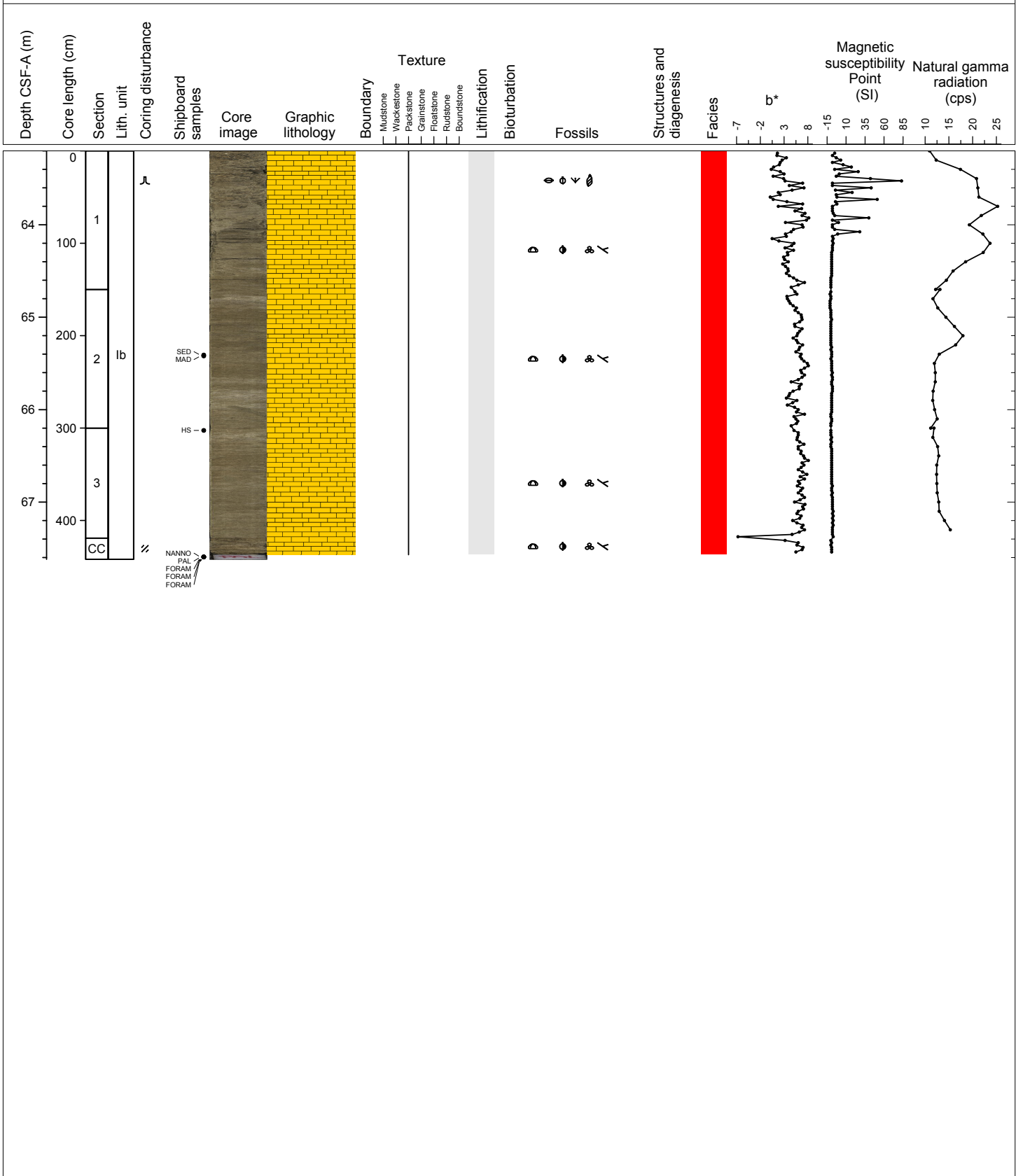
Hole 356-U1460A Core 14F, Interval 58.5-63.02 m (CSF-A)

Unlithified, beige, packstone with glauconite, sponge spicules, planktic and small benthic foraminifers, and bryozoans. There is an odor of hydrogen sulfide.



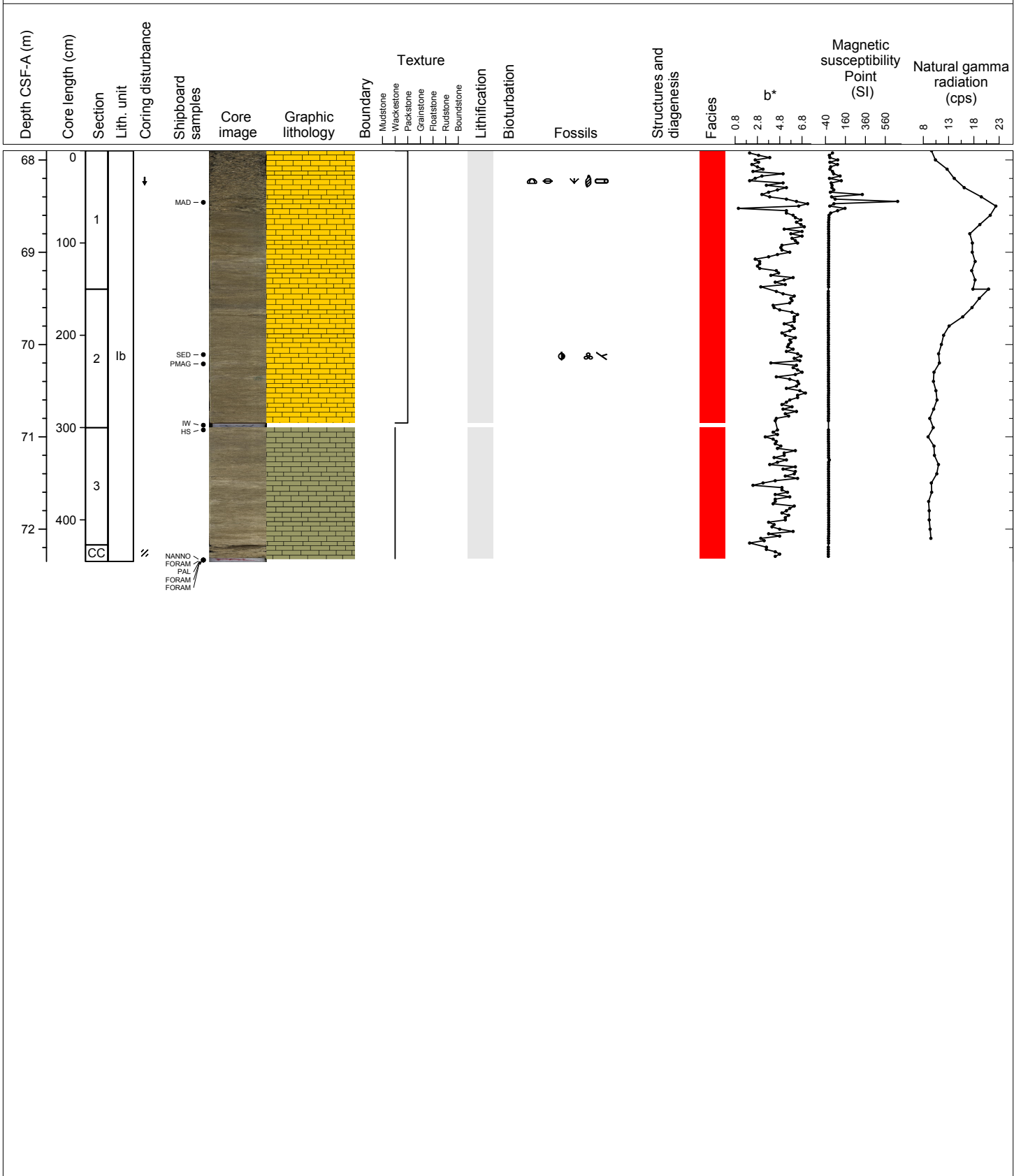
Hole 356-U1460A Core 15F, Interval 63.2-67.62 m (CSF-A)

Homogenous, un lithified, beige, skeletal PACKSTONE with rare glauconite. Macrofossils are intermittently abundant and include bryozoans, bivalves, gastropods, echinoderms, sponge spicules, and large benthic, small benthic, and planktic foraminifers.



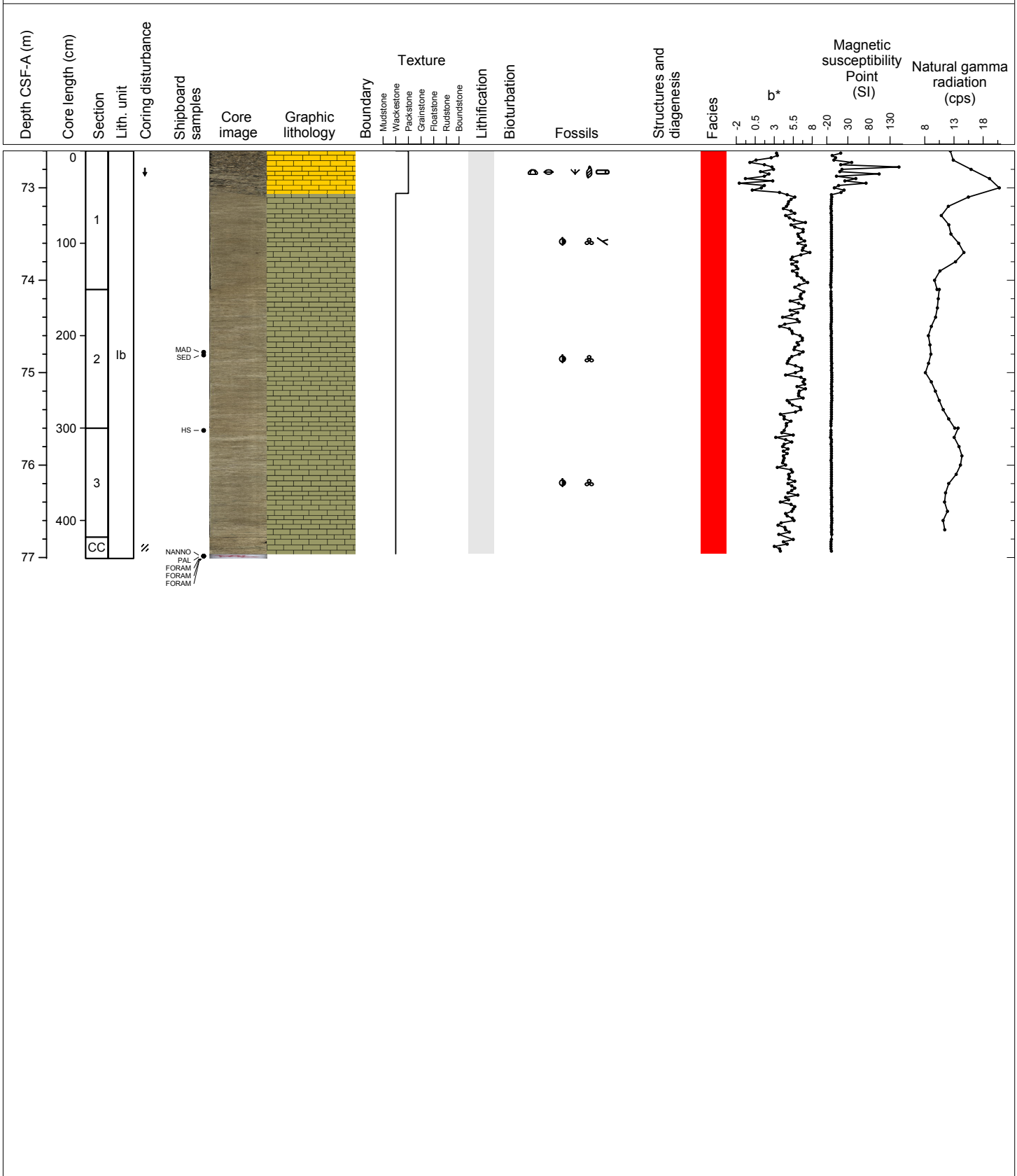
Hole 356-U1460A Core 16F, Interval 67.9-72.35 m (CSF-A)

Top to base: unlithified, gray, PACKSTONE with macrofossils (bivalves, bryozoans, gastropods, echinoderms, and scaphopods) and non-skeletal green to black sand- to gravel-sized grains is underlain by unlithified, beige PACKSTONE with no macrofossil but smear slides indicate the presence of sponge spicules and foraminifers (small benthic and planktic). This packstone is followed by homogenous, unlithified, beige, WACKESTONE with no bioclastic components. Hemipelagic. Some sections smell of hydrogen sulfide.



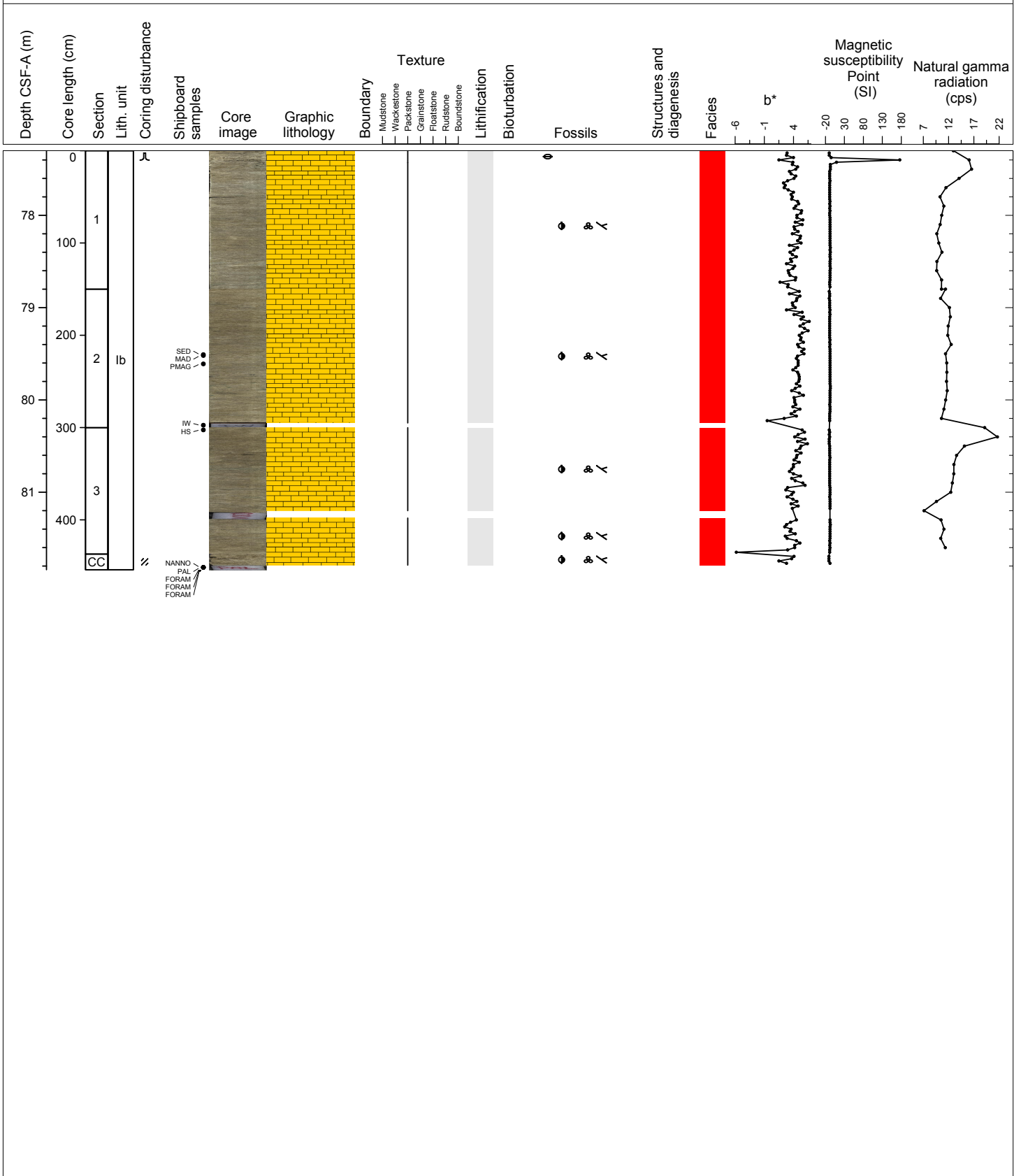
Hole 356-U1460A Core 17F, Interval 72.6-77.01 m (CSF-A)

Top to base: unlithified, gravel-sized, gray, PACKSTONE with green and black non-skeletal grains and macrofossils (bivalves, bryozoans, echinoderms, gastropods, and scaphopods) is underlain by homogeneous, unlithified, beige, WACKESTONE with sponge spicules and foraminifers (planktic and benthic). Hemipelagic. Smells of hydrogen sulfide.



Hole 356-U1460A Core 18F, Interval 77.3-81.84 m (CSF-A)

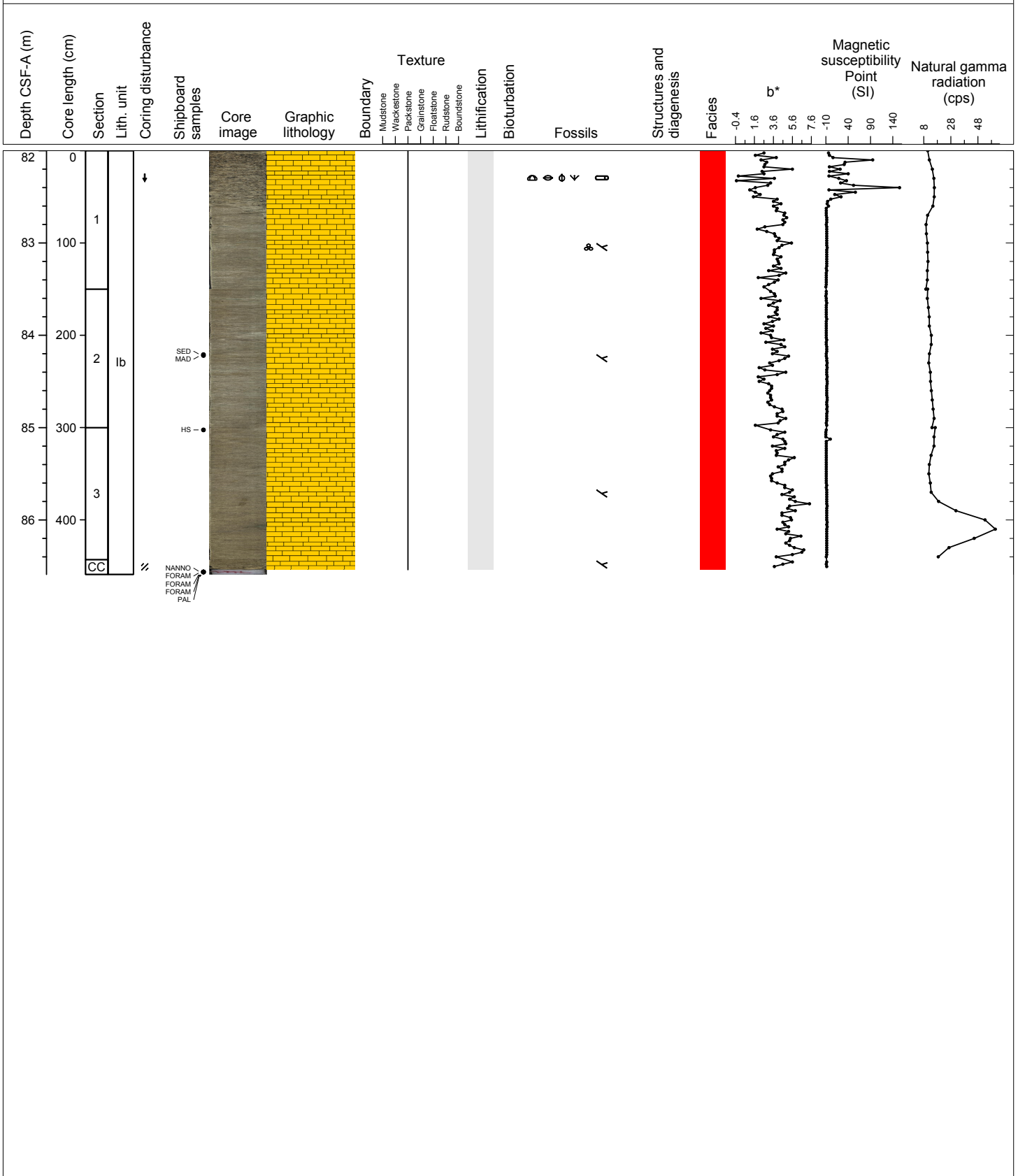
Unlithified, beige, PACKSTONE with gravel-sized lithic grains and bivalves underlain by unlithified, homogenous, beige, PACKSTONE with no visible macrofossils but contains abundant sponge spicules, planktic and small benthic foraminifers, and rare glauconite patches. Hemipelagic. Smells of hydrogen sulfide.





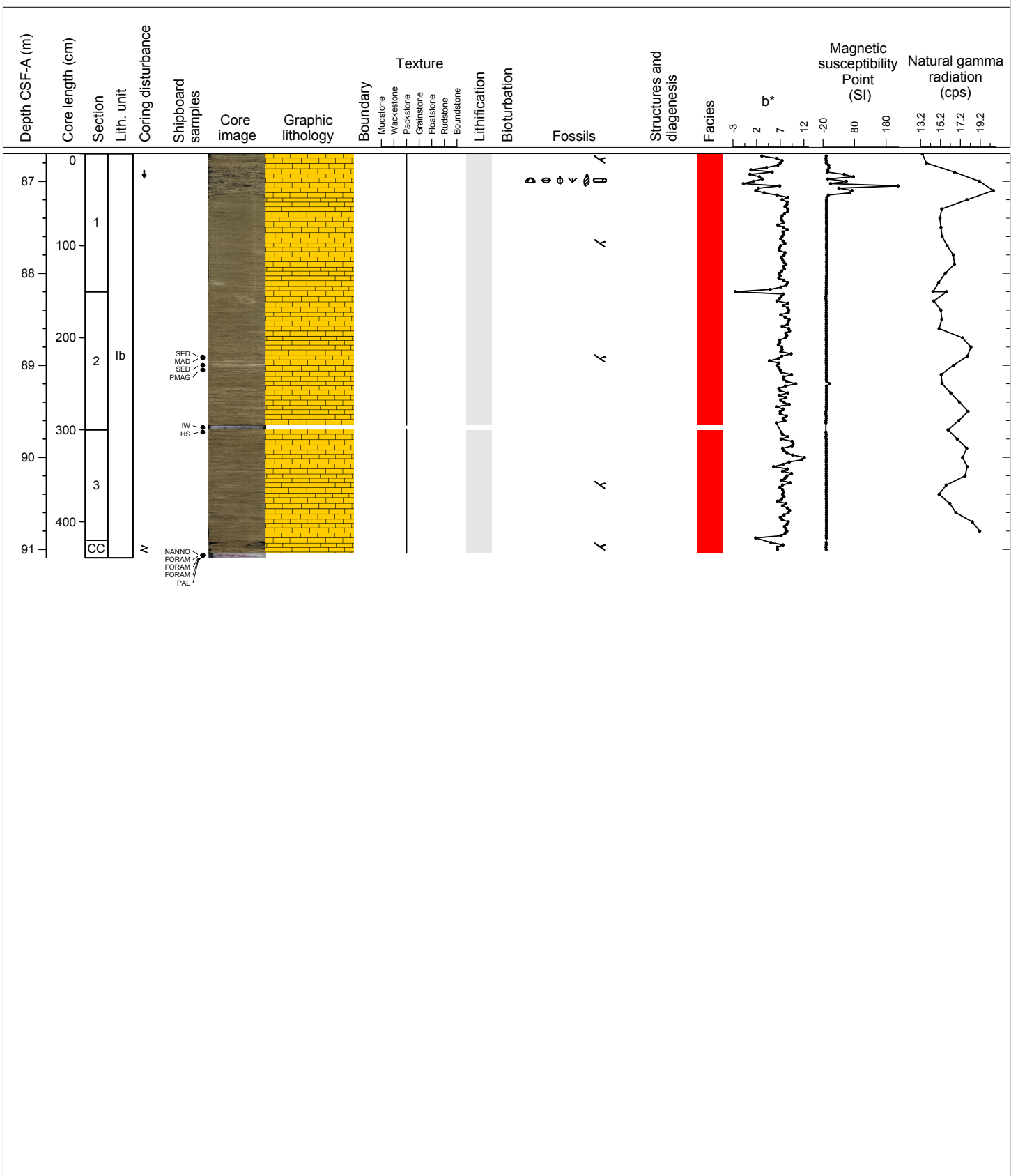
Hole 356-U1460A Core 19F, Interval 82.0-86.59 m (CSF-A)

Top to base: unlithified, gravel-sized, gray, PACKSTONE with macrofossils (bivalves, echinoderms, bryozoans, scaphopods, and large benthic forams) and gravel-sized, non-skeletal grains (green and black). Below the gravelly packstone, there is unlithified, homogenous, beige PACKSTONE with abundant sponge spicules (including a band of spicules 1 cm thick from 118-119 cm that extends across the entire diameter of the core), rare glauconite patches, and small planktic foraminifers. Smells of hydrogen sulfide. Hemipelagic.



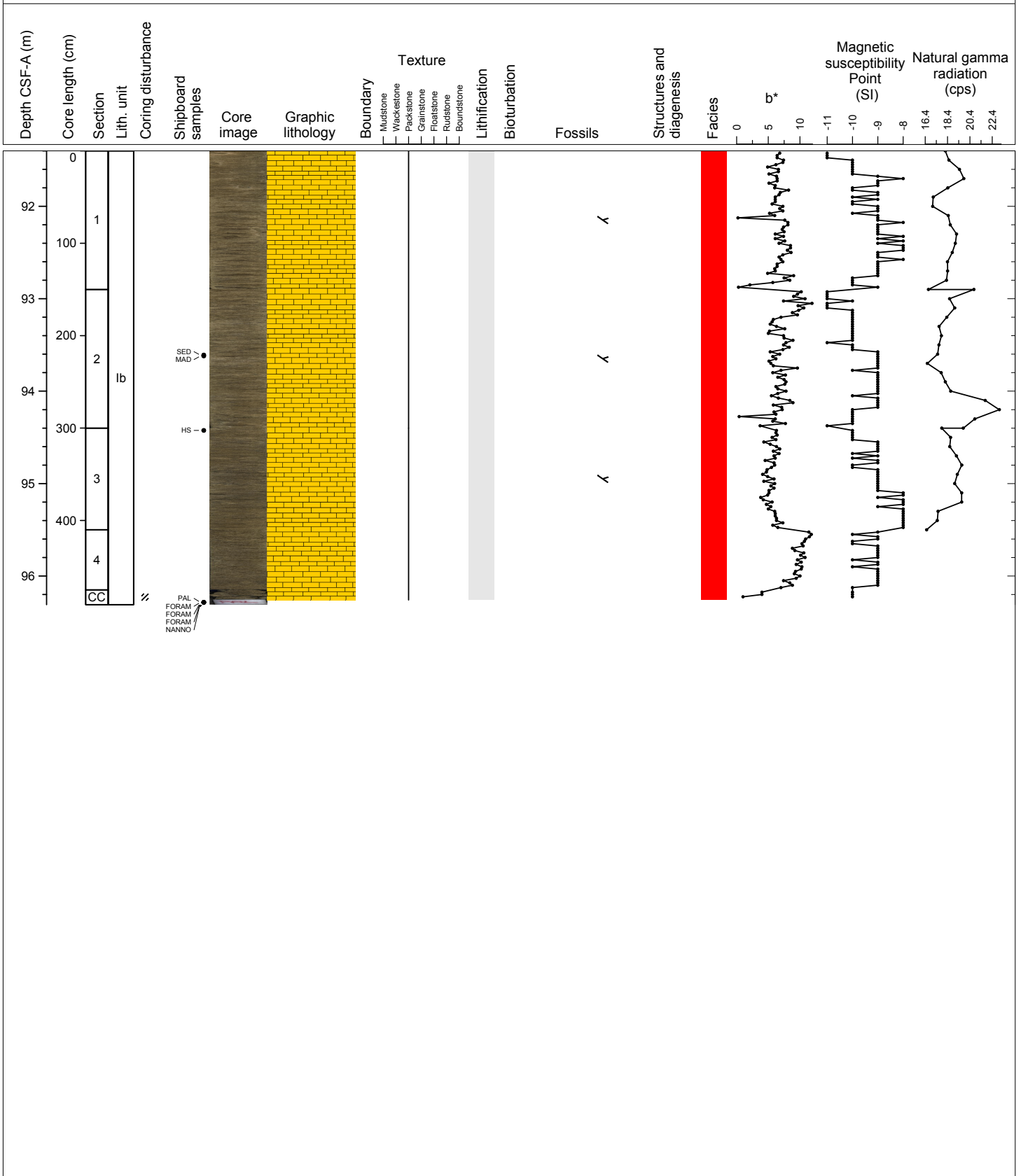
Hole 356-U1460A Core 20F, Interval 86.7-91.09 m (CSF-A)

Top to base: upper unlithified, beige, PACKSTONE with sponge spicules followed by unlithified, gravel-sized, light gray, PACKSTONE with macrofossils (bivalves, echinoderms, scaphopods, large foraminifers, bryozoans, and gastropods) and non-skeletal, gravel-sized, lithic grains (black and green - glauconite?). These intervals could be mixed/disturbed due to coring disturbance. Below this potentially disturbed interval, there is homogenous, unlithified, light brown, PACKSTONE with abundant sponge spicules. Hemipelagic.



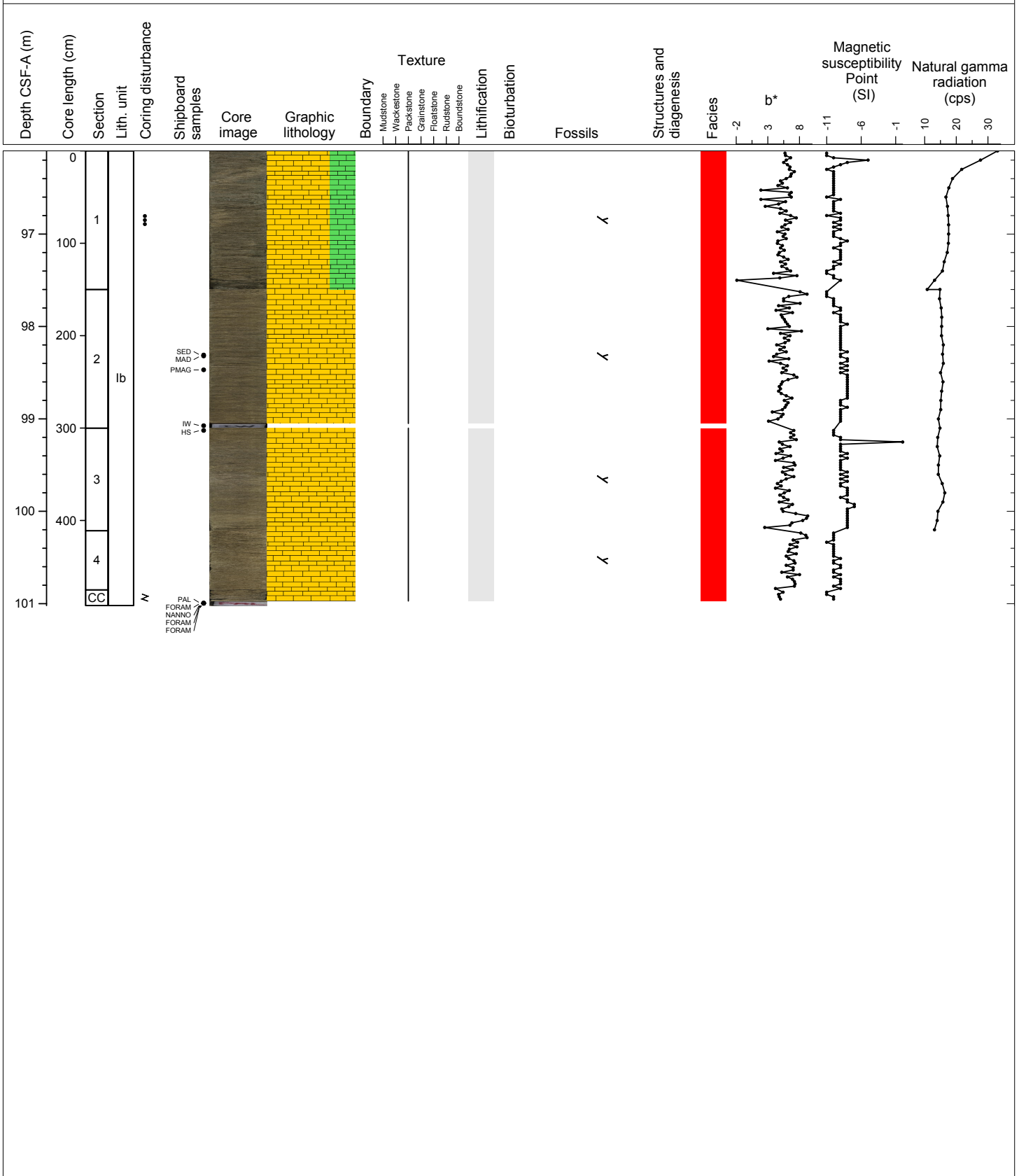
Hole 356-U1460A Core 21F, Interval 91.4-96.31 m (CSF-A)

Homogenous, un lithified, light brown, PACKSTONE with sponge spicules and rare patches of glauconite. There are some partially-lithified intervals that are also marked by a beige color. Hemipelagic.



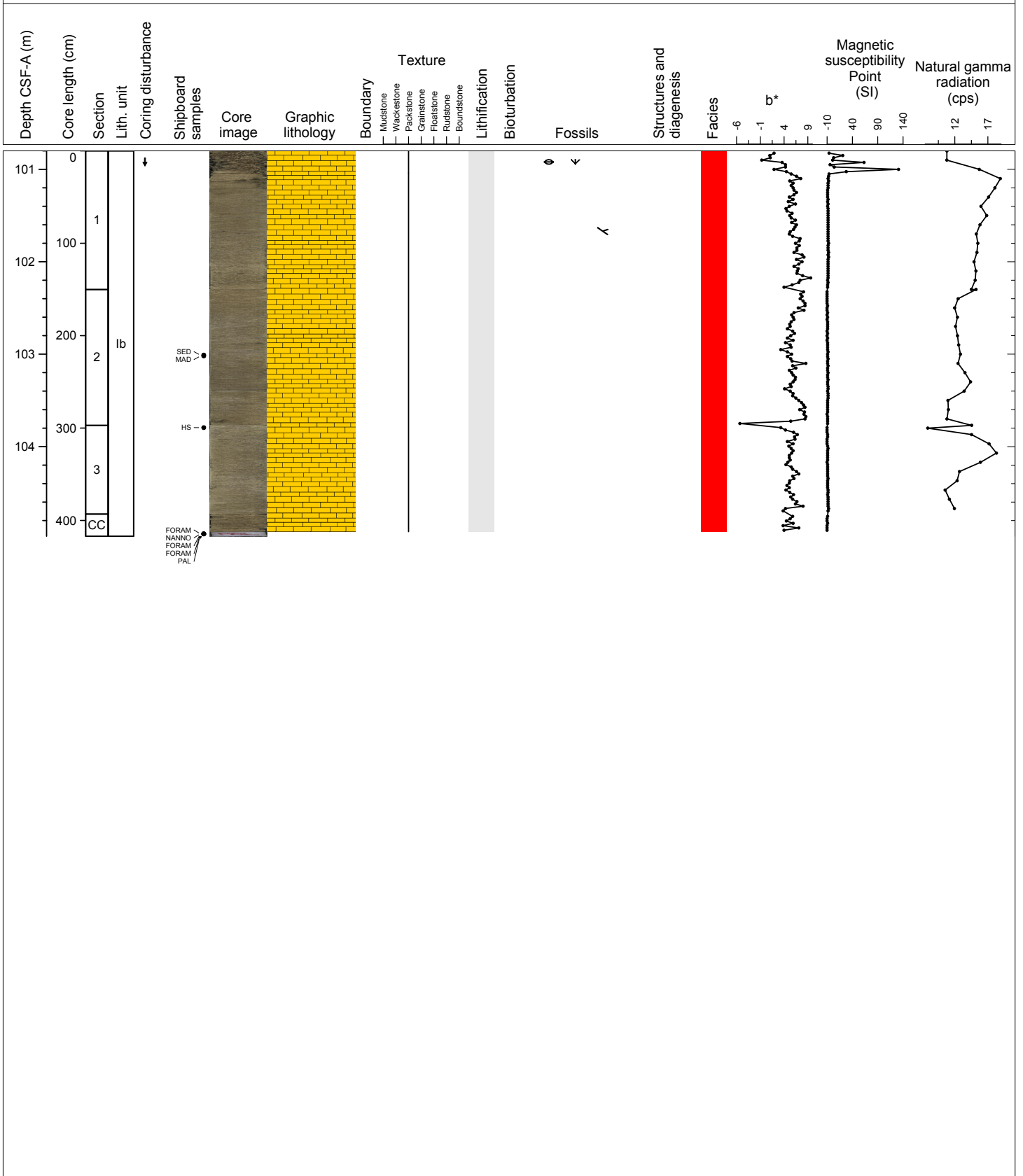
Hole 356-U1460A Core 22F, Interval 96.1-101.02 m (CSF-A)

Top to base: unlithified, light brown - light greenish-brown, PACKSTONE with sponge spicules and rare, small, glauconite grains disseminated throughout the core. Sponge spicules decrease in abundance down core, and dolomite rhombs begin to appear going down core. The packstone becomes more homogenous and beige in the lower part of the core. Hemipelagic.



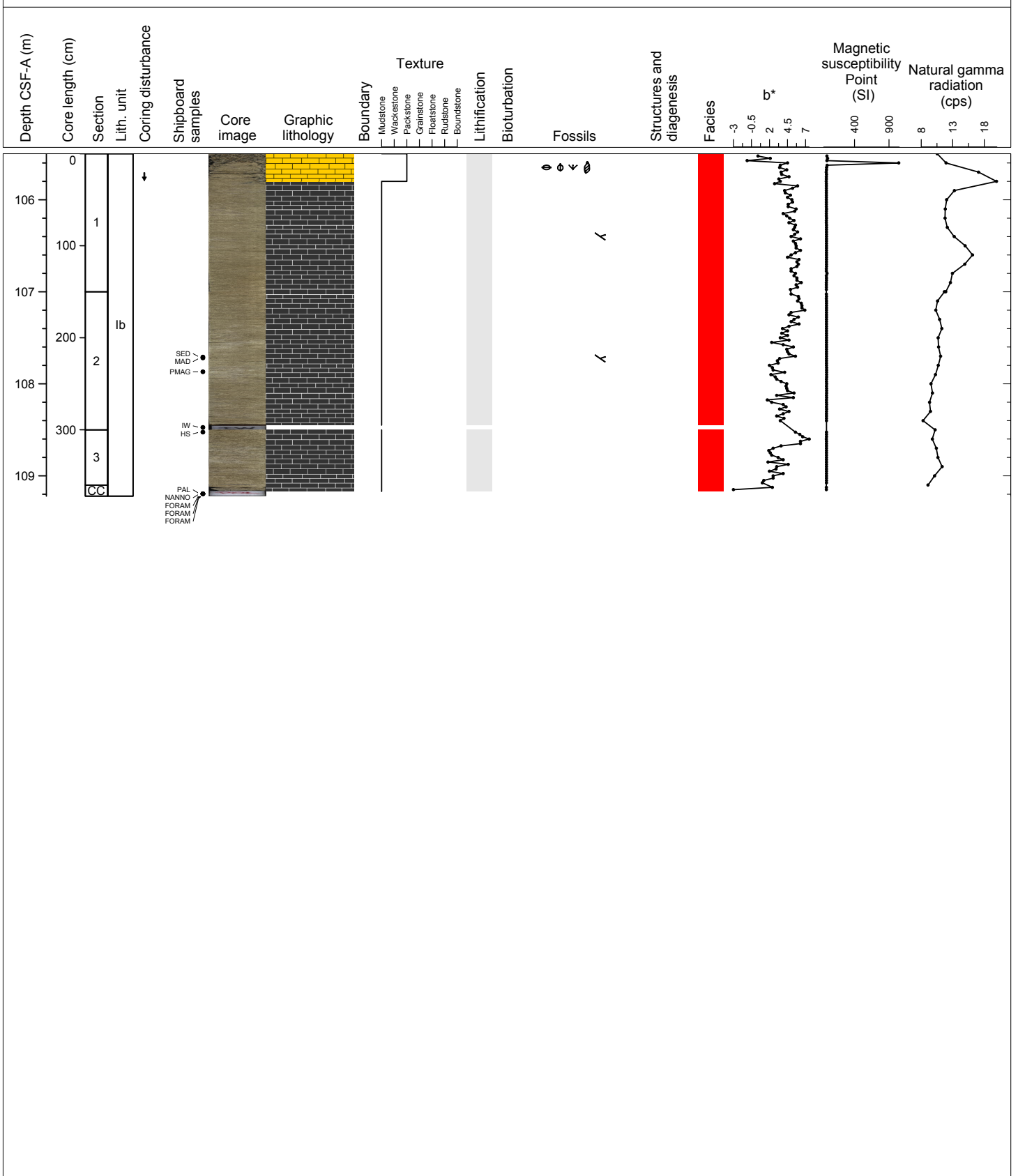
Hole 356-U1460A Core 23F, Interval 100.8-104.97 m (CSF-A)

Unlithified, light gray to cream, skeletal, PACKSTONE with macrofossils (bryozoans, bivalves, tubes, and echinoderms) in the upper part of the core and with sponge spicules and rare patches of glauconite in the lower part of the core. Hemipelagic.



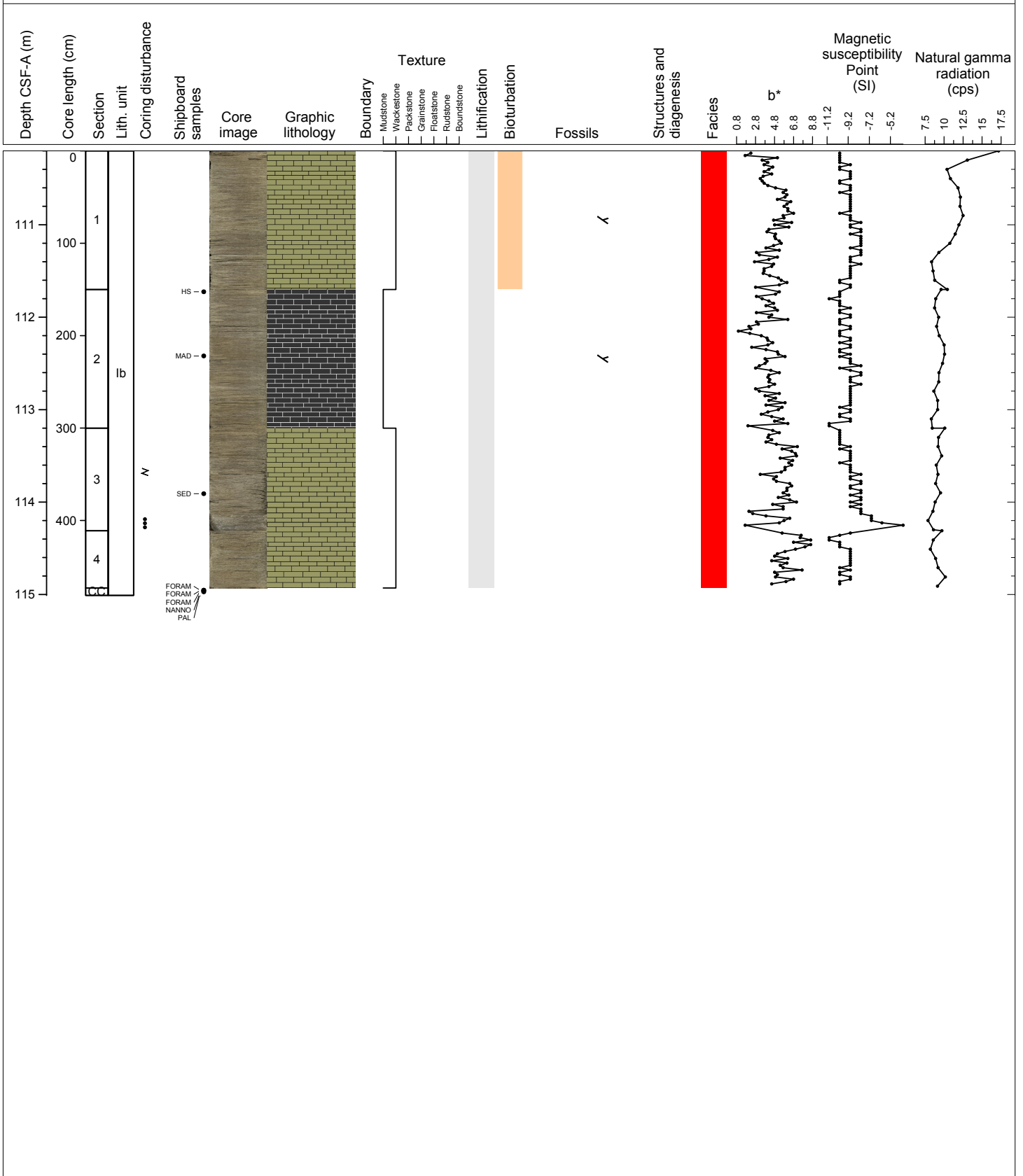
Hole 356-U1460A Core 24F, Interval 105.5-109.22 m (CSF-A)

Unlithified, light gray, PACKSTONE with macrofossils (bryozoans, bivalves, gastropods, and large benthic foraminifers) is underlain by unlithified, cream, MUDSTONE with sponge spicules present at 65 cm depth. The upper part of the core (0–50 cm) looks to be fall-in, bioclastic gravel due to drilling disturbance.



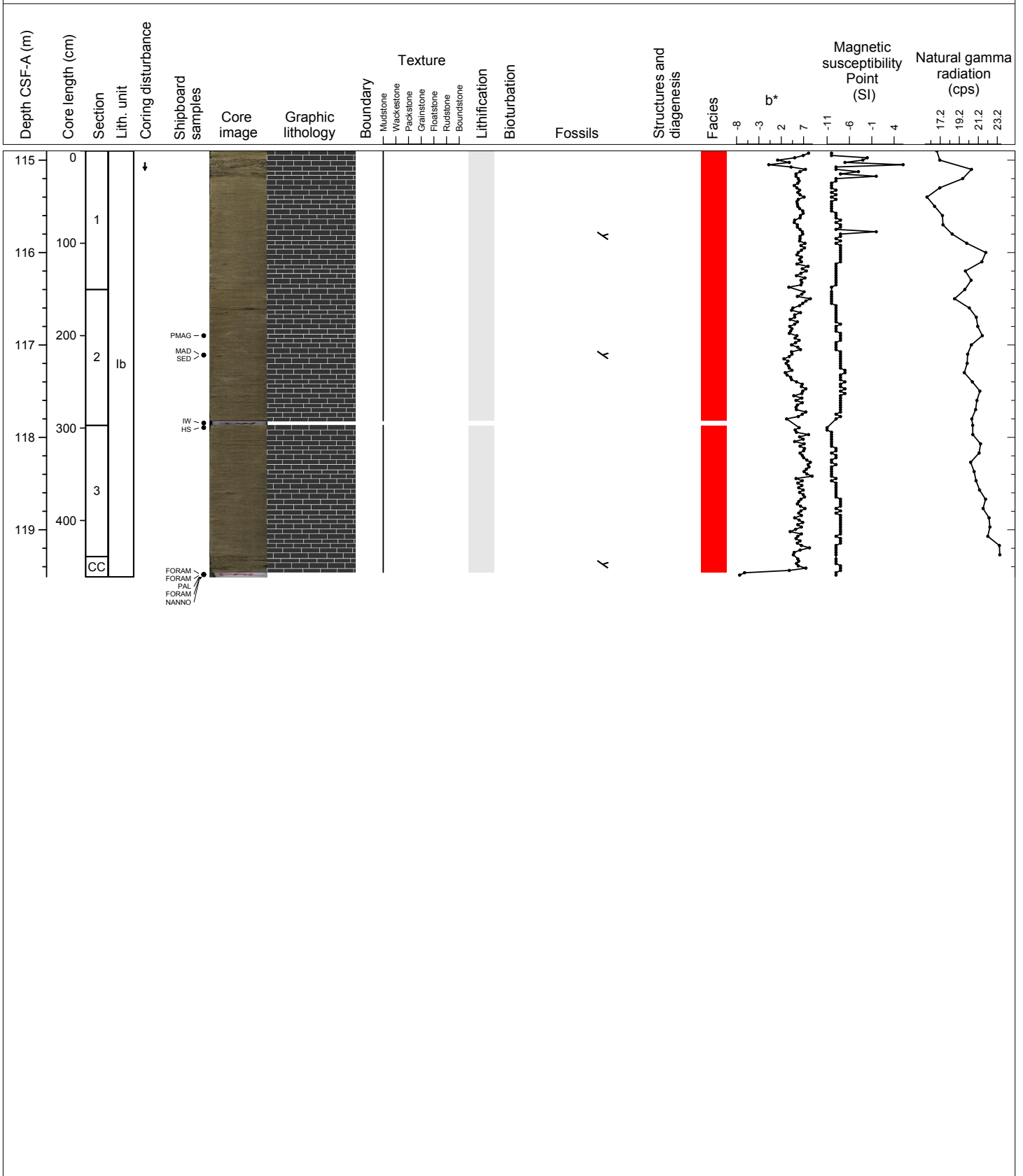
Hole 356-U1460A Core 25F, Interval 110.2-115.01 m (CSF-A)

Primarily un lithified, cream, WACKESTONE with sponge spicules and a lithified tube-like structure in the upper part of the core, possibly a sign of bioturbation. Near the middle part of the core, cream MUDSTONE is intercalated.



Hole 356-U1460A Core 26F, Interval 114.9-119.51 m (CSF-A)

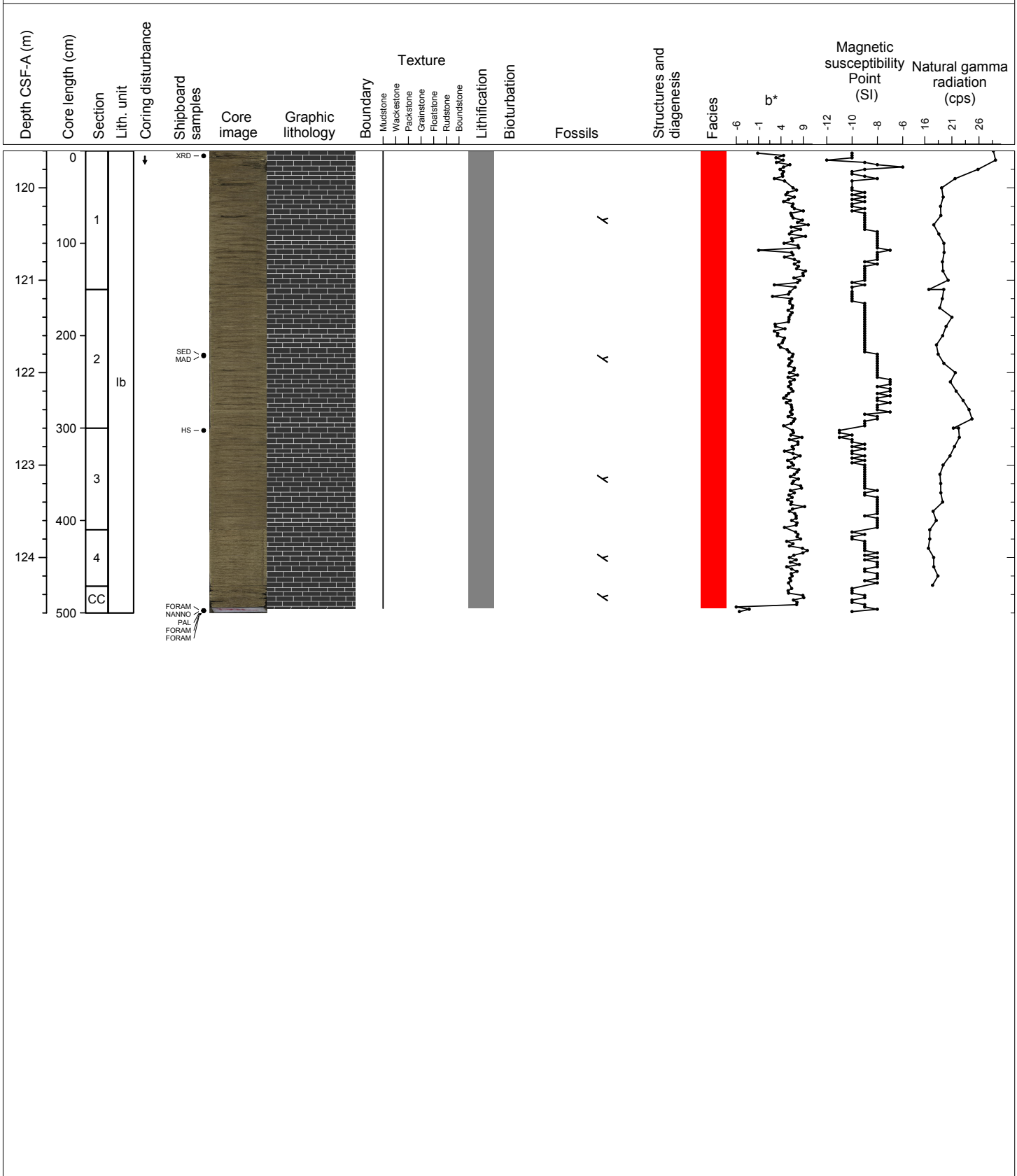
Unlithified, light grayish-green, MUDSTONE with sponge spicules. There is fall-in, bioclastic, gravel at the top of the core due to drilling disturbance.





Hole 356-U1460A Core 27F, Interval 119.6-124.6 m (CSF-A)

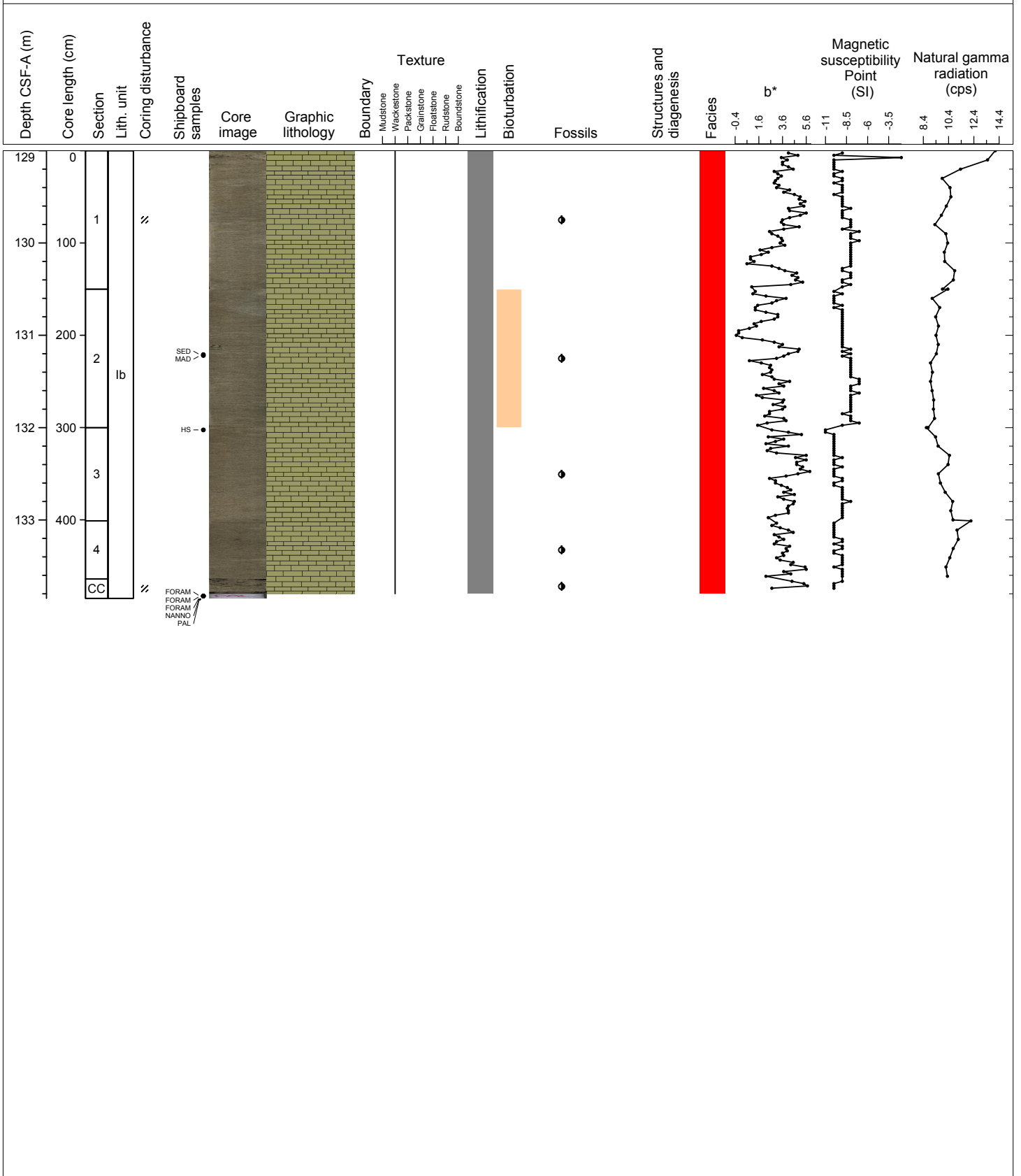
Fairly homogenous, un lithified, light grayish-green, MUDSTONE with sponge spicules. There is cm-scale alternation of un lithified and partially lithified layers.





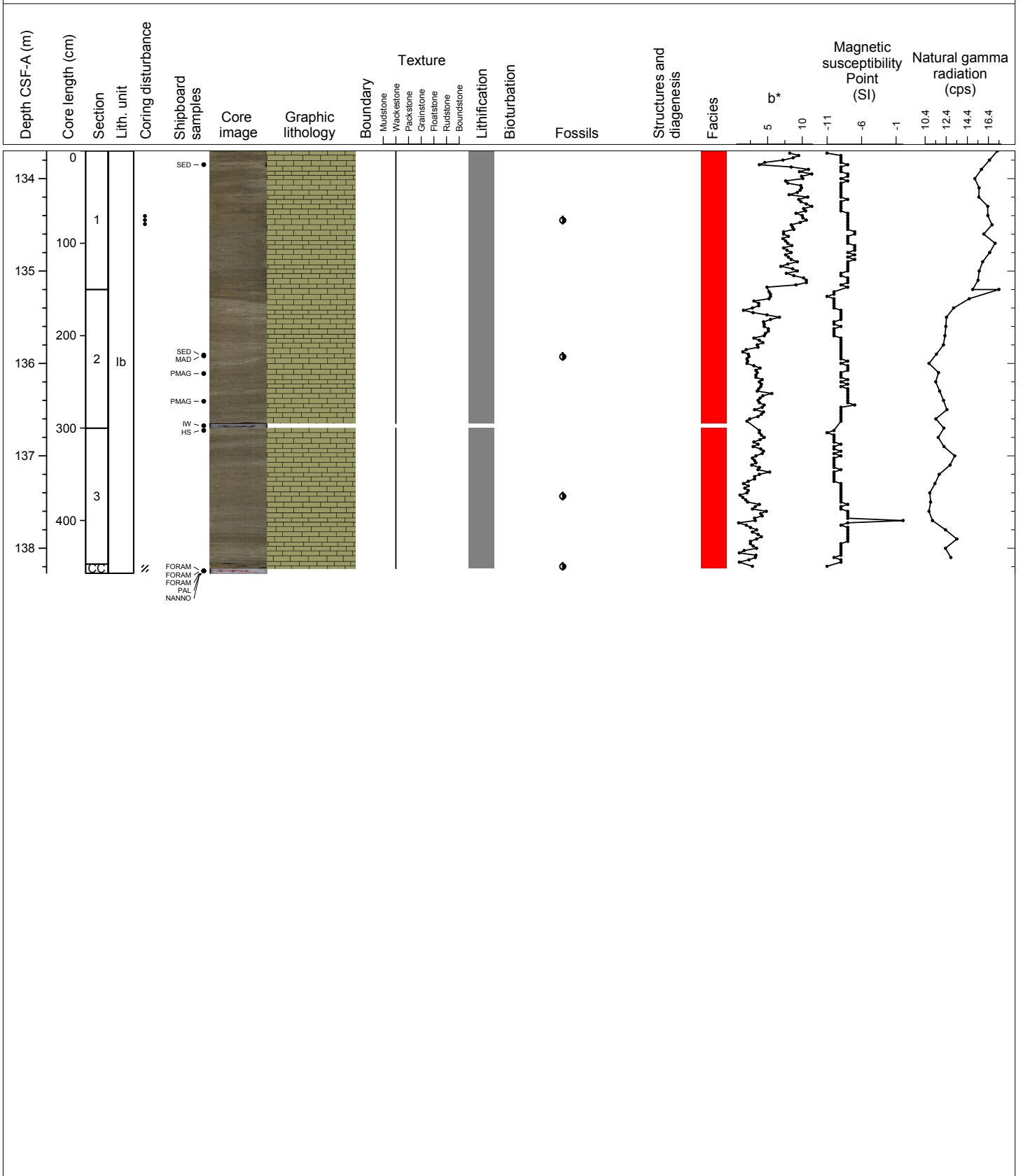
Hole 356-U1460A Core 29F, Interval 129.0-133.85 m (CSF-A)

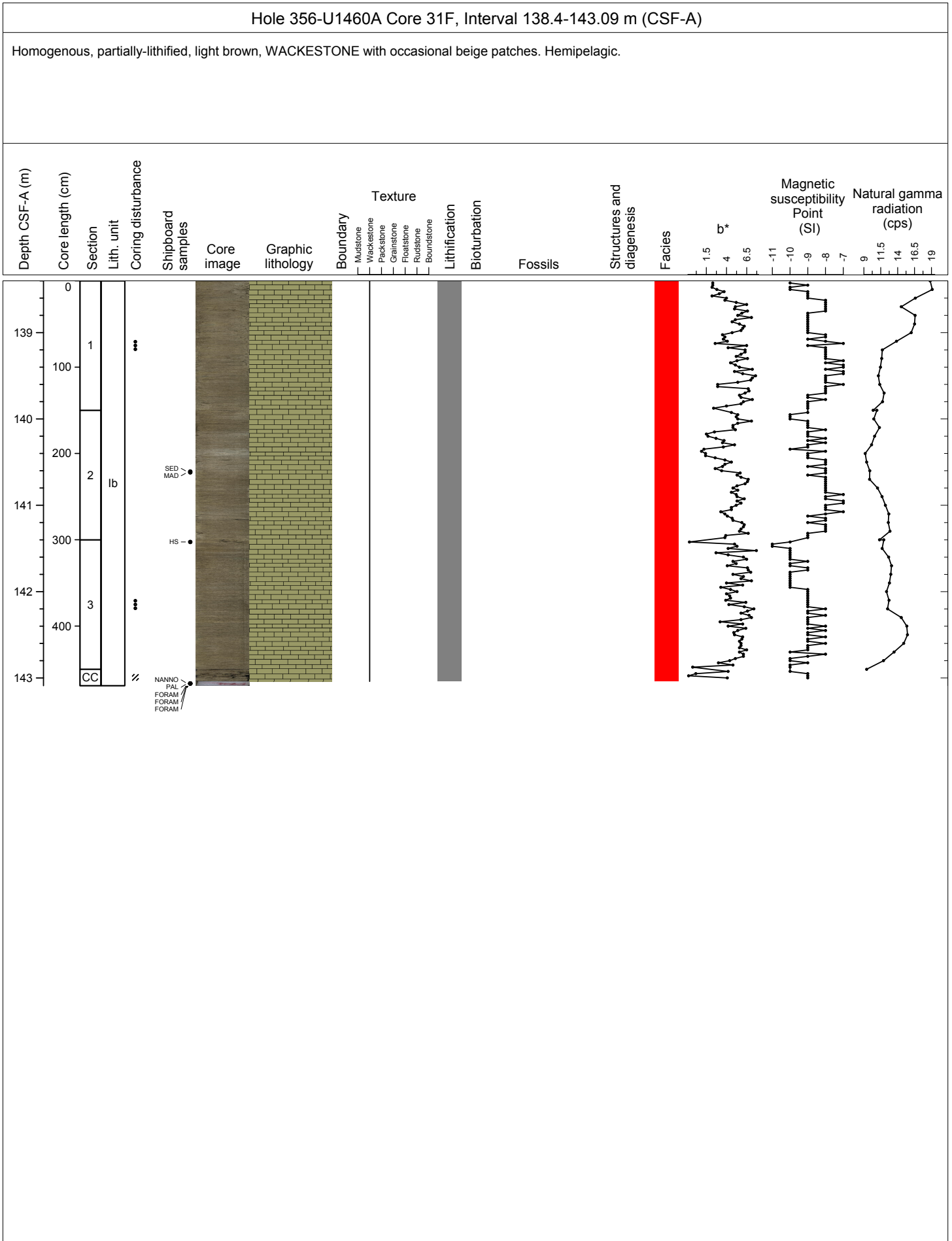
Homogenous, partially-lithified, beige, WACKESTONE with small benthic foraminifers and a sand, pipe-like structure at 61 cm (depth in section).

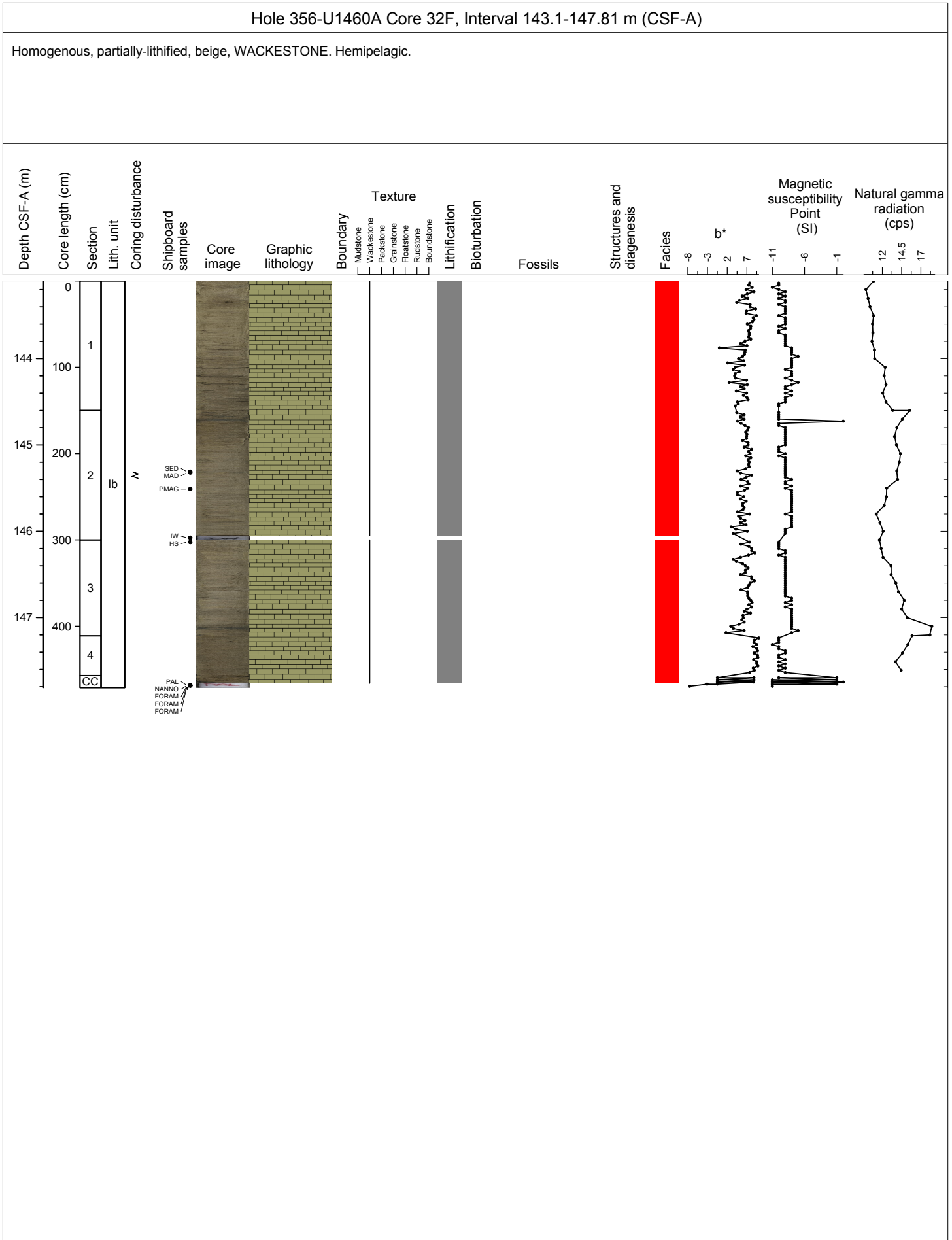


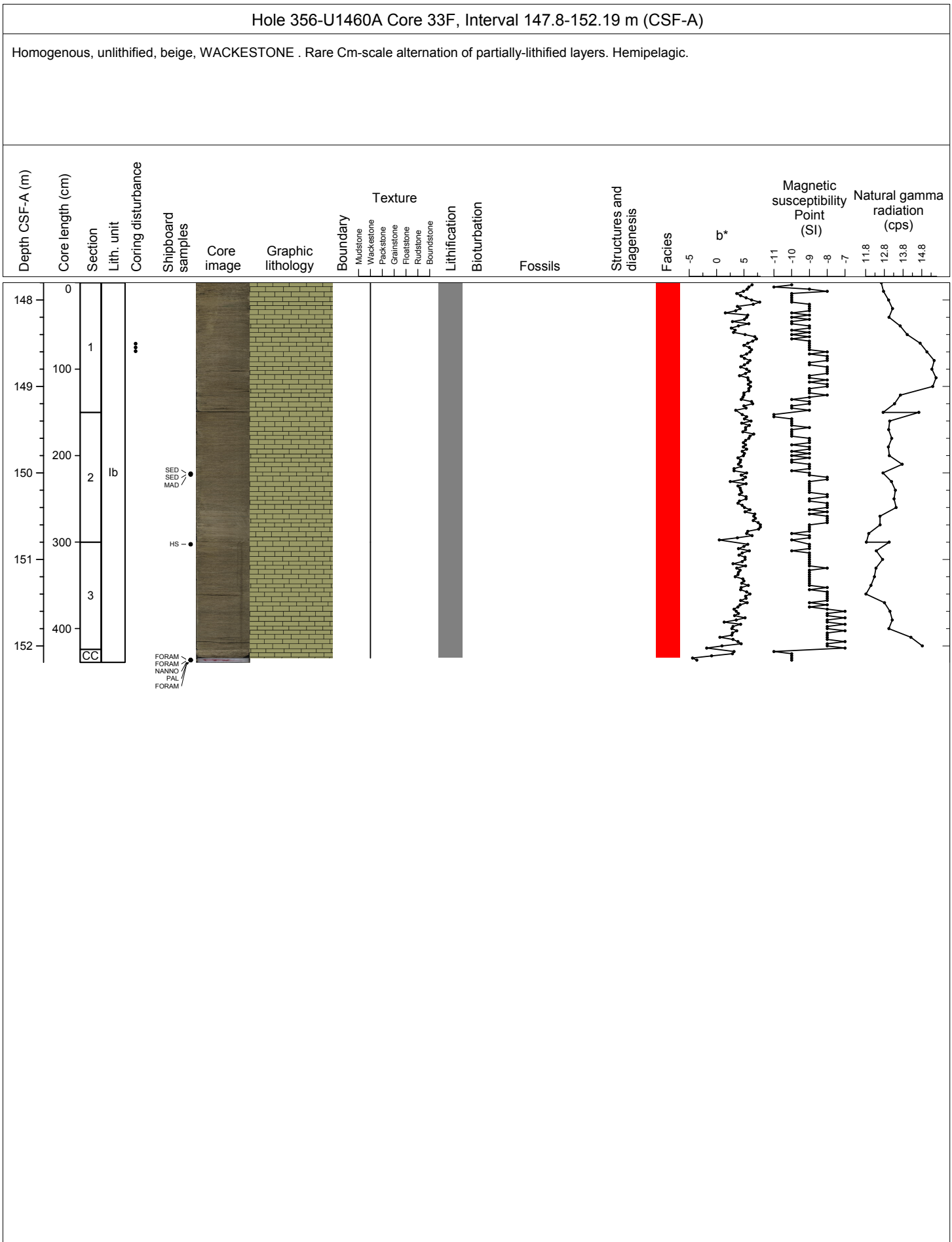
Hole 356-U1460A Core 30F, Interval 133.7-138.27 m (CSF-A)

Homogenous, partially-lithified, beige to light greenish-gray, WACKESTONE with small benthic foraminifers. Hemipelagic.



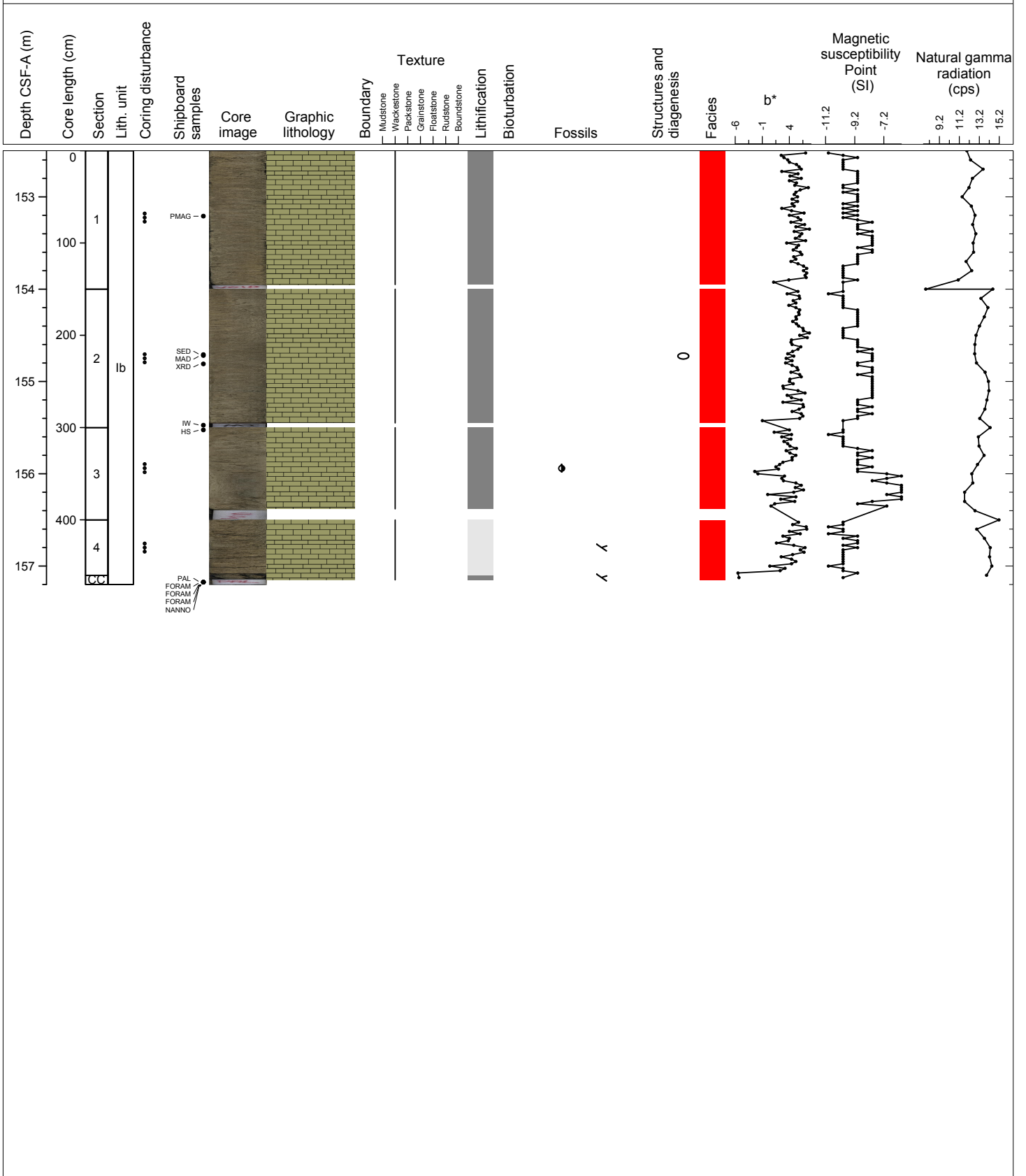






Hole 356-U1460A Core 34F, Interval 152.5-157.2 m (CSF-A)

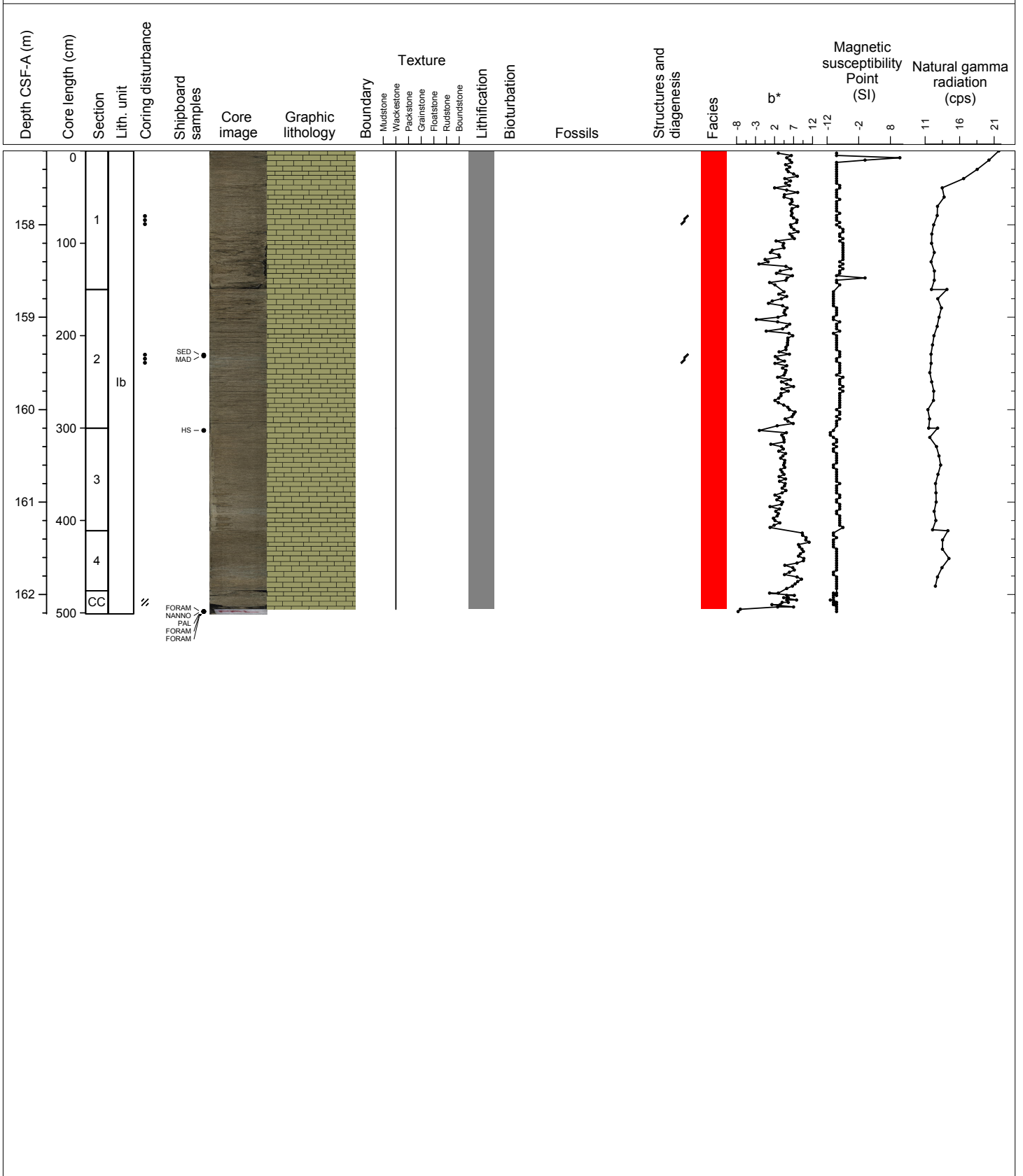
Unlithified, light gray, PACKSTONE with sporadic, partially-lithified, patches throughout the core. Hemipelagic.

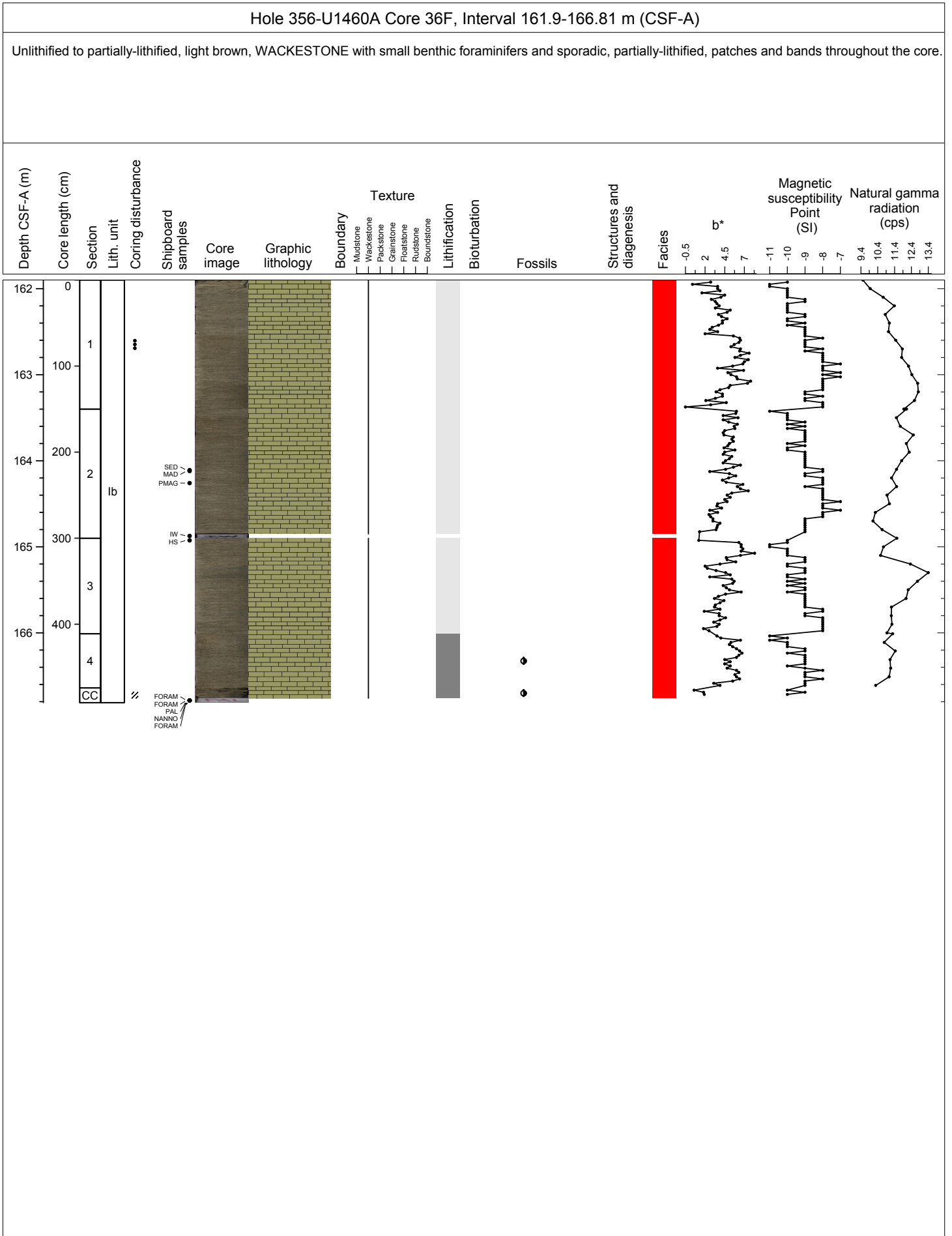




Hole 356-U1460A Core 35F, Interval 157.2-162.21 m (CSF-A)

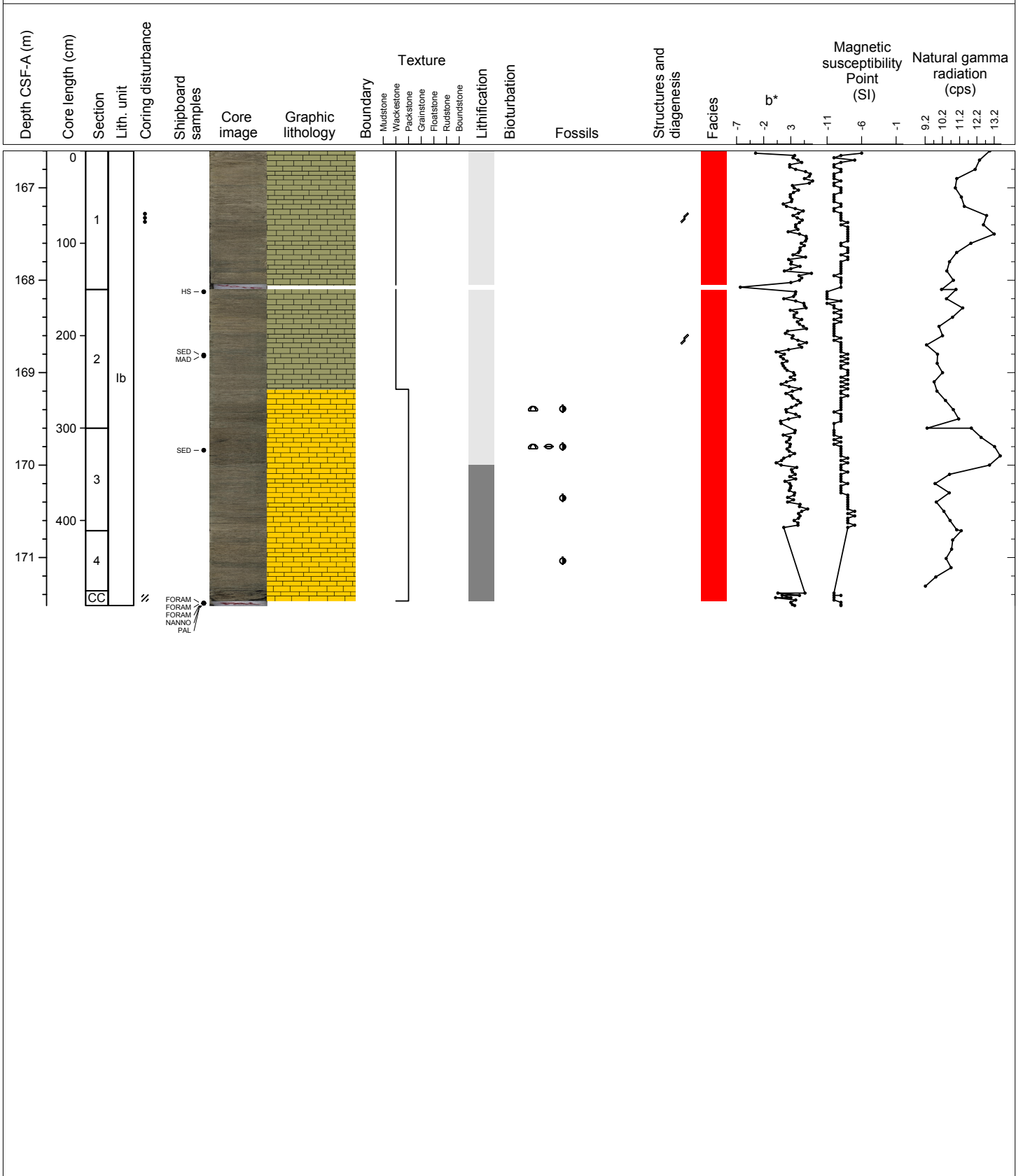
Homogenous, partially-lithified, light brown, WACKESTONE. Sedimentary structure is massive.





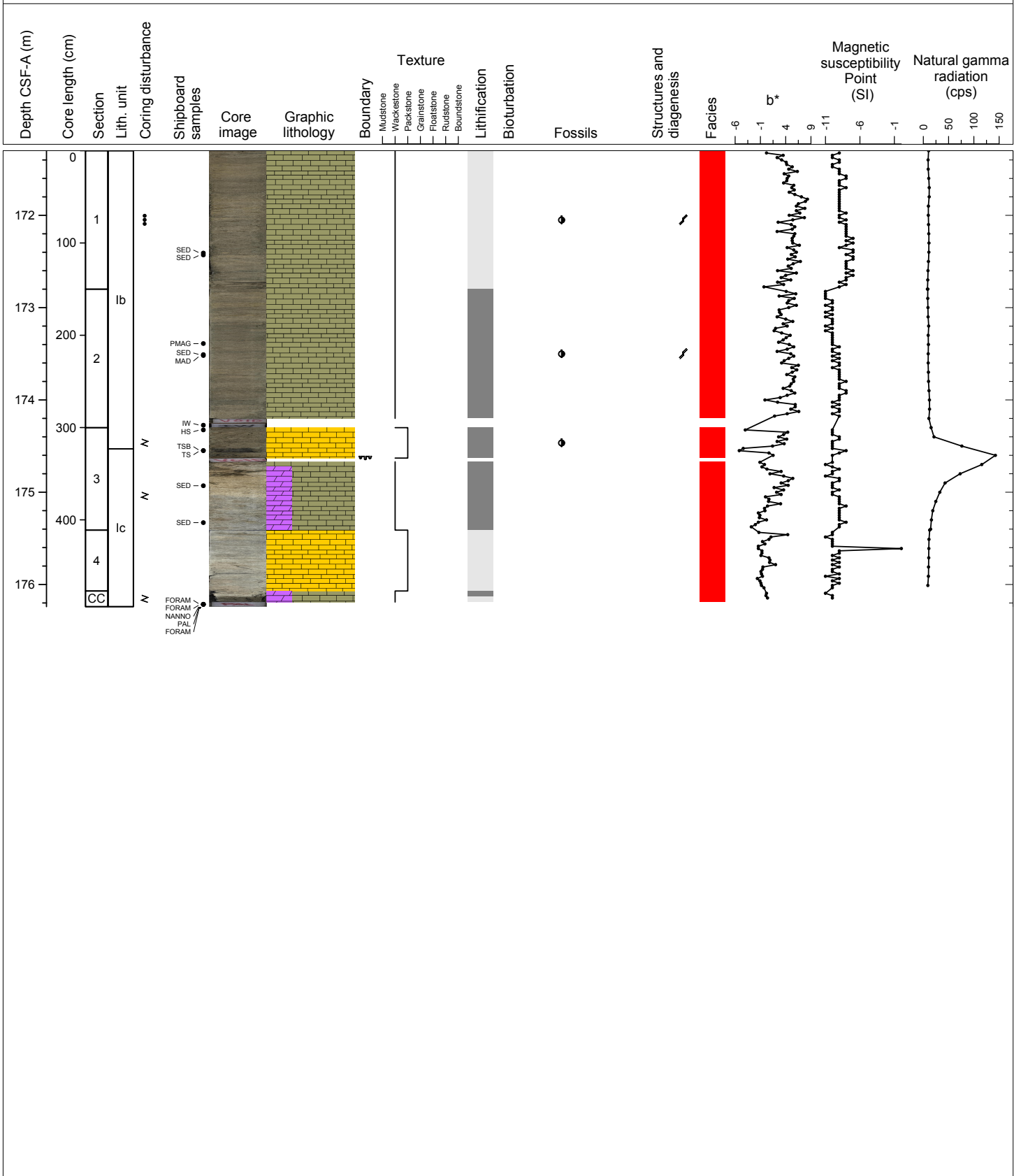
Hole 356-U1460A Core 37F, Interval 166.6-171.52 m (CSF-A)

Unlithified, light brown, WACKESTONE to PACKSTONE transitions to partially-lithified, light brown, PACKSTONE. There are sporadic, partially-lithified, patches and bands and some macrofossils (small benthic foraminifers, bivalves, and echinoderms) throughout the core as well as a foraminifer-rich bed at 260 cm (depth in core).



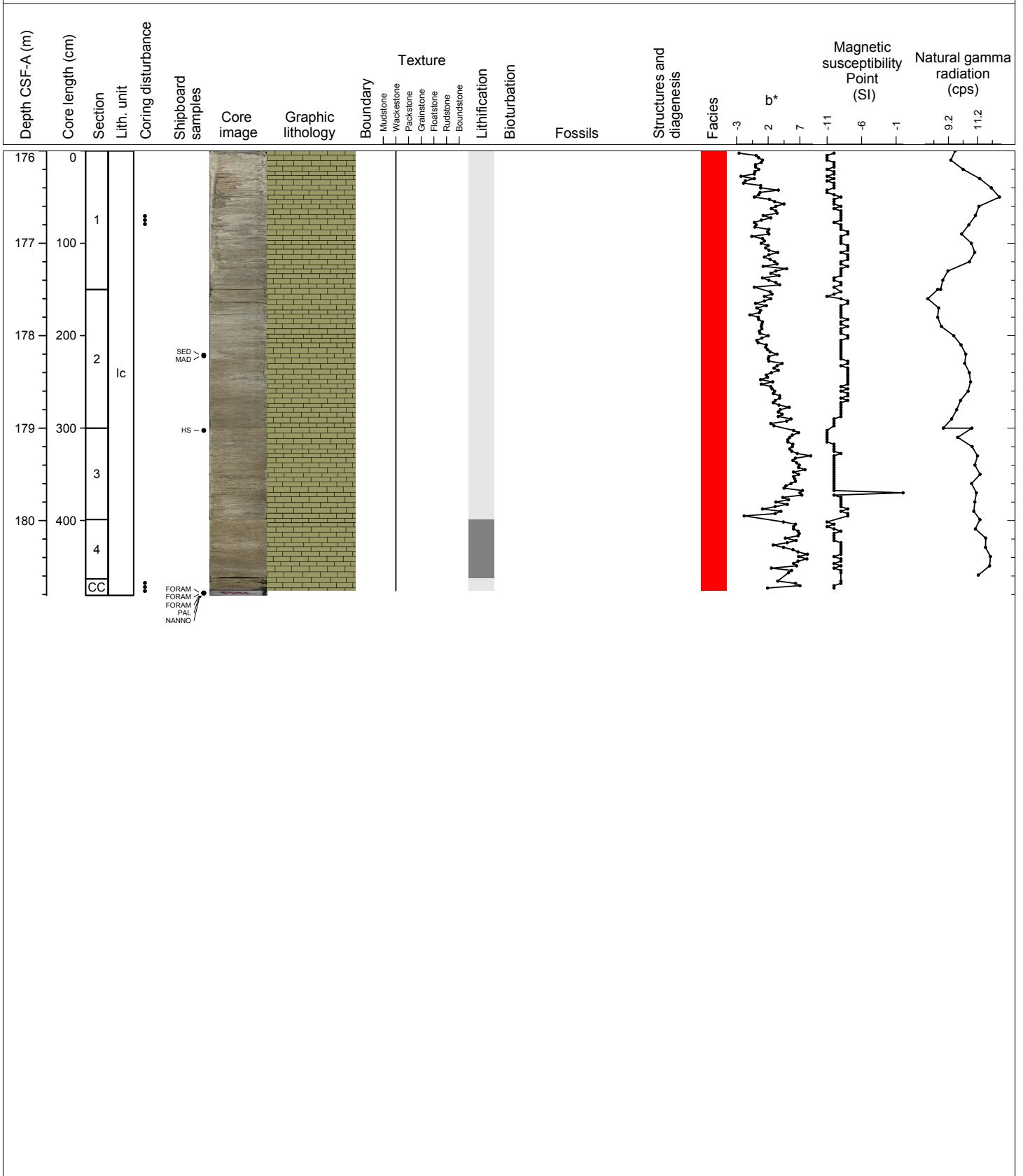
Hole 356-U1460A Core 38F, Interval 171.3-176.24 m (CSF-A)

Partially-lithified, light brown, WACKESTONE with small benthic foraminifers transitions to partially-lithified, light gray, dolomitic, PACKSTONE. In Section 3A (22-32 cm), there is a lithified, light gray, layer that contains shell fragments and a possible hardground fragment.



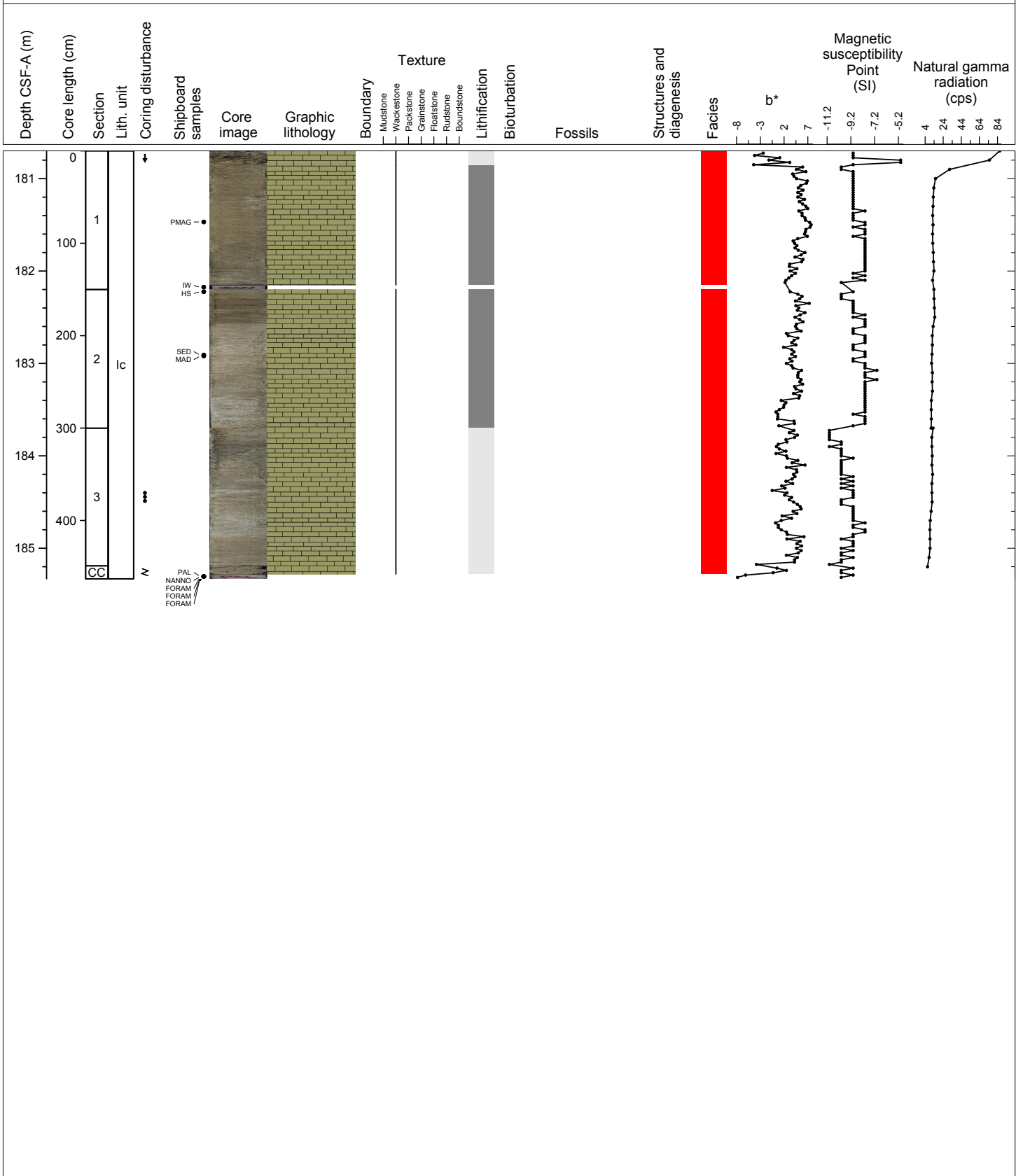
Hole 356-U1460A Core 39F, Interval 176.0-180.81 m (CSF-A)

Homogenous, un lithified, cream to light brown, WACKESTONE. Sedimentary structure is massive.



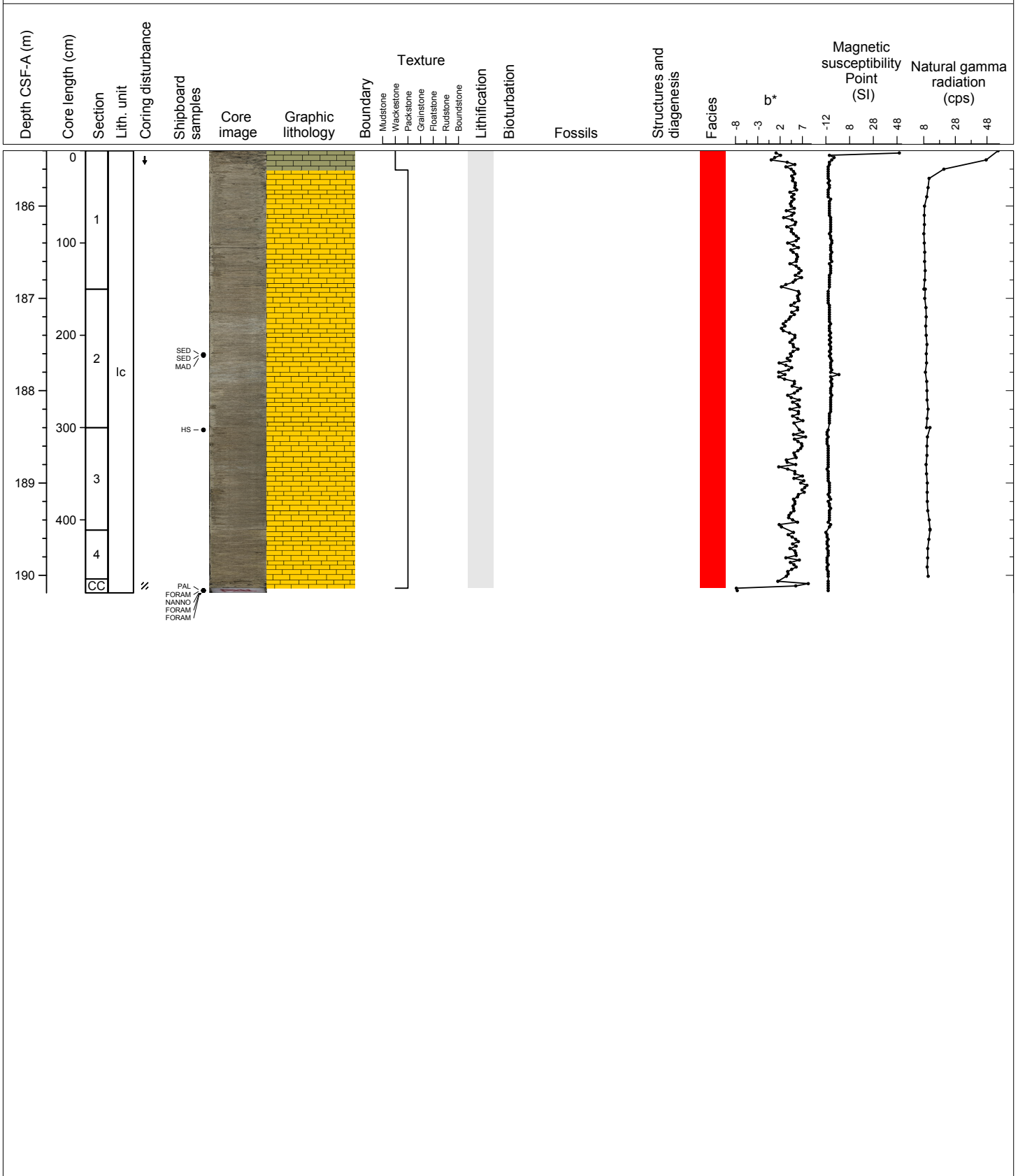
Hole 356-U1460A Core 40F, Interval 180.7-185.33 m (CSF-A)

Homogenous, un lithified to partially-lithified, creamy gray to light brown to beige, WACKESTONE.



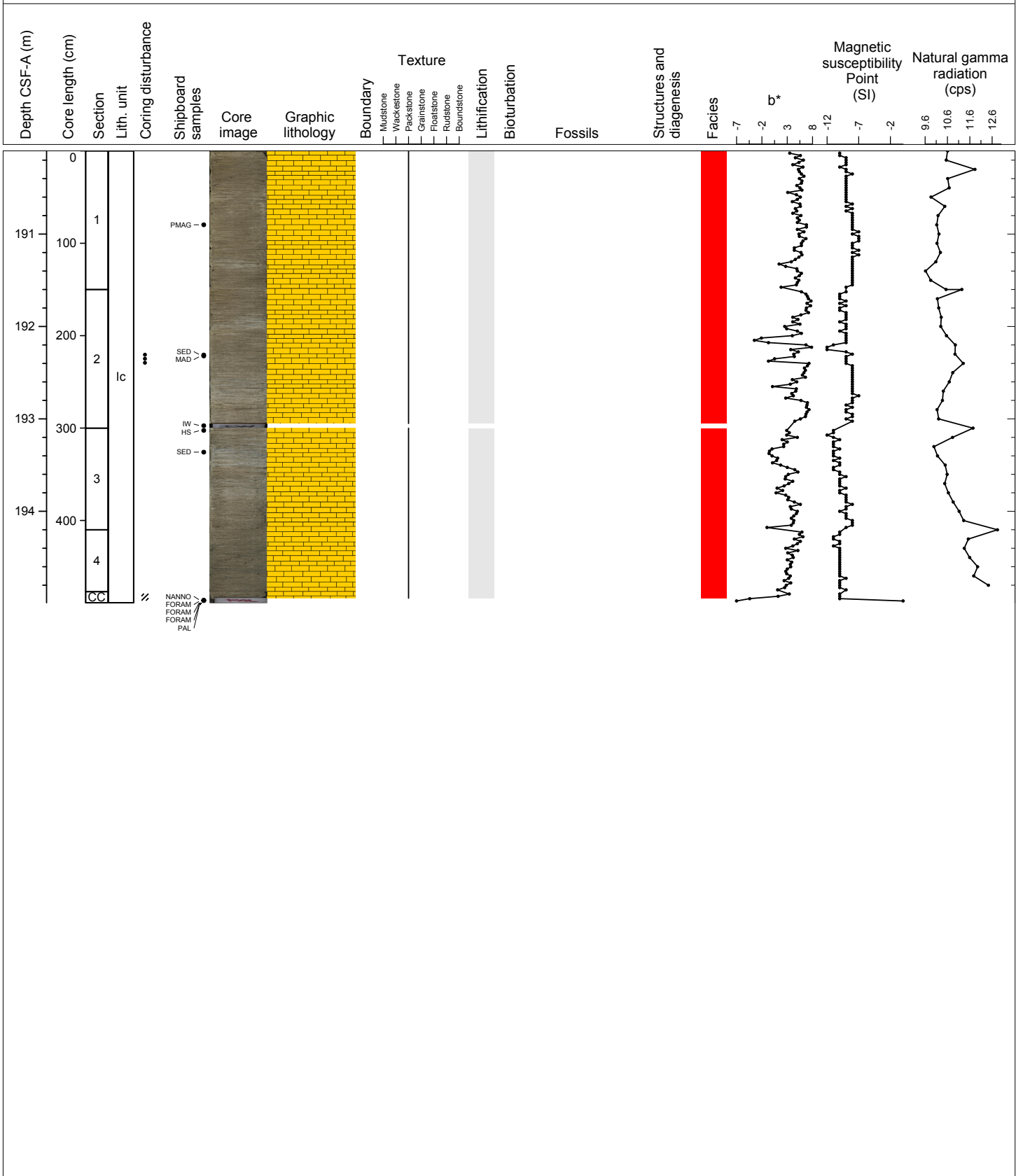
Hole 356-U1460A Core 41F, Interval 185.4-190.19 m (CSF-A)

Top to base: unlithified, creamy gray, WACKESTONE with pebble-sized, dark green (glauconite) and cream (carbonate) grains, this interval is likely cave-in material. Below this upper interval, there is unlithified to partially-lithified, cream, PACKSTONE with rare disseminated glauconite (grains are very small). Hemipelagic.

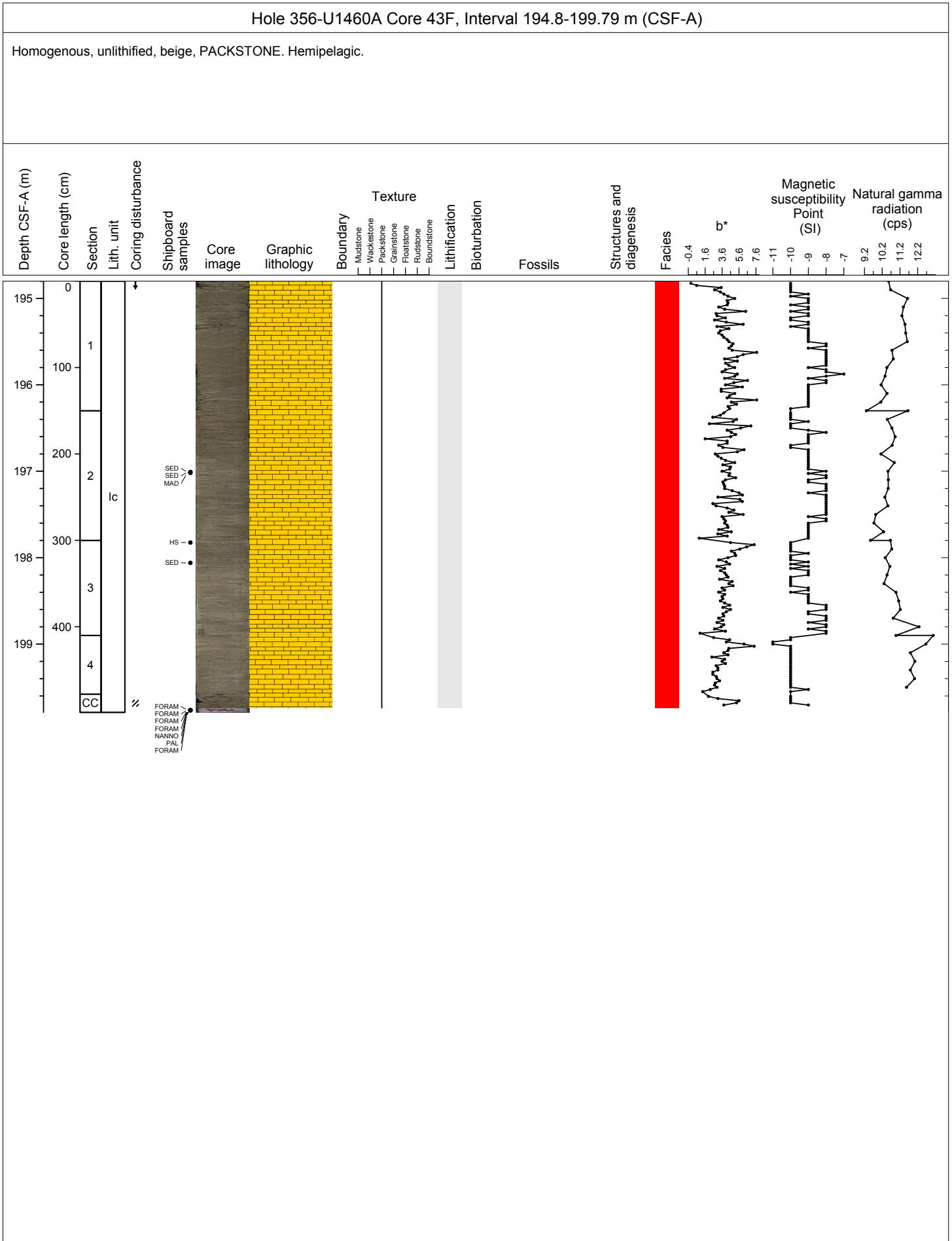


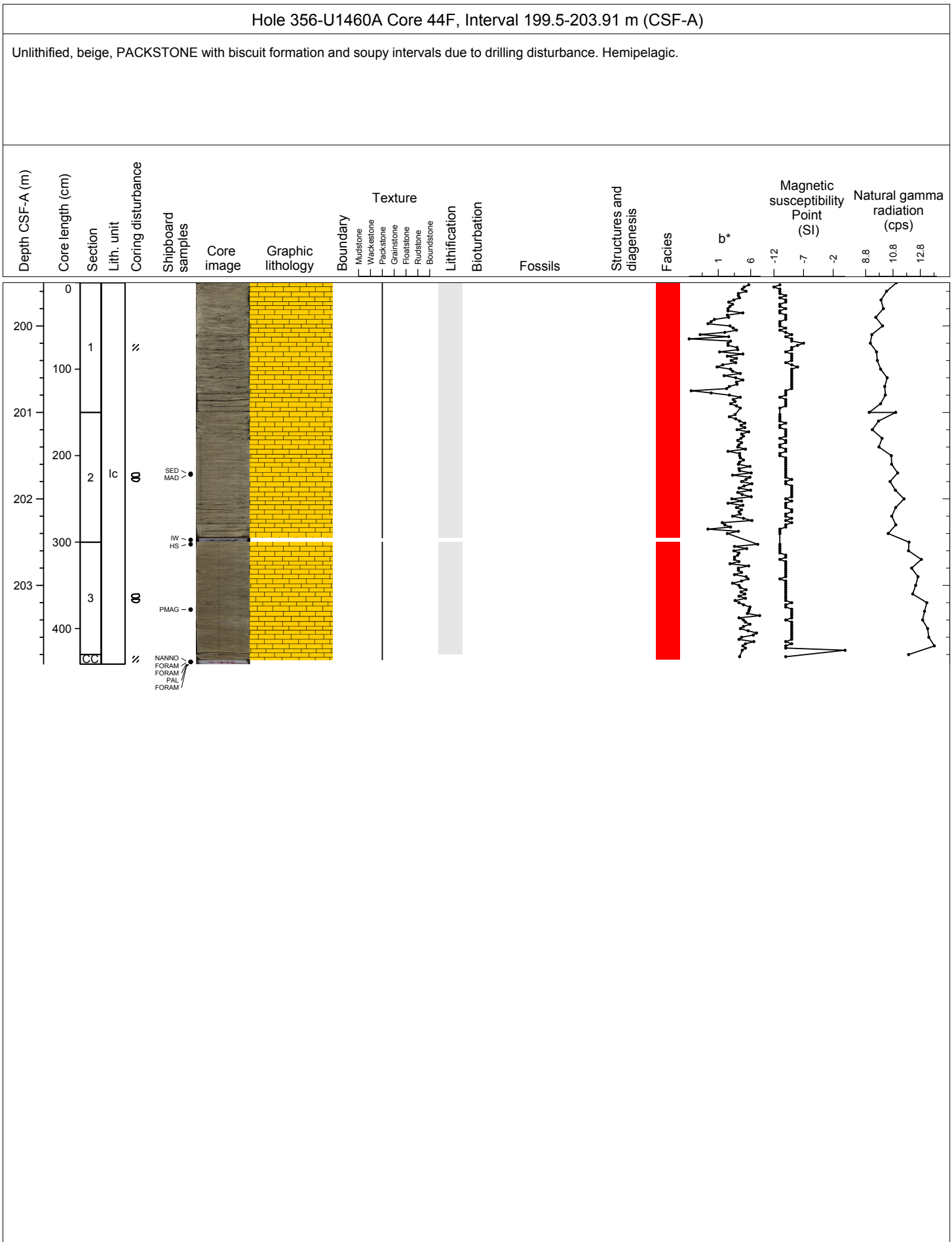
Hole 356-U1460A Core 42F, Interval 190.1-194.99 m (CSF-A)

Homogenous, un lithified, beige to cream, PACKSTONE with rare, very small, disseminated glauconite grains. Hemipelagic.



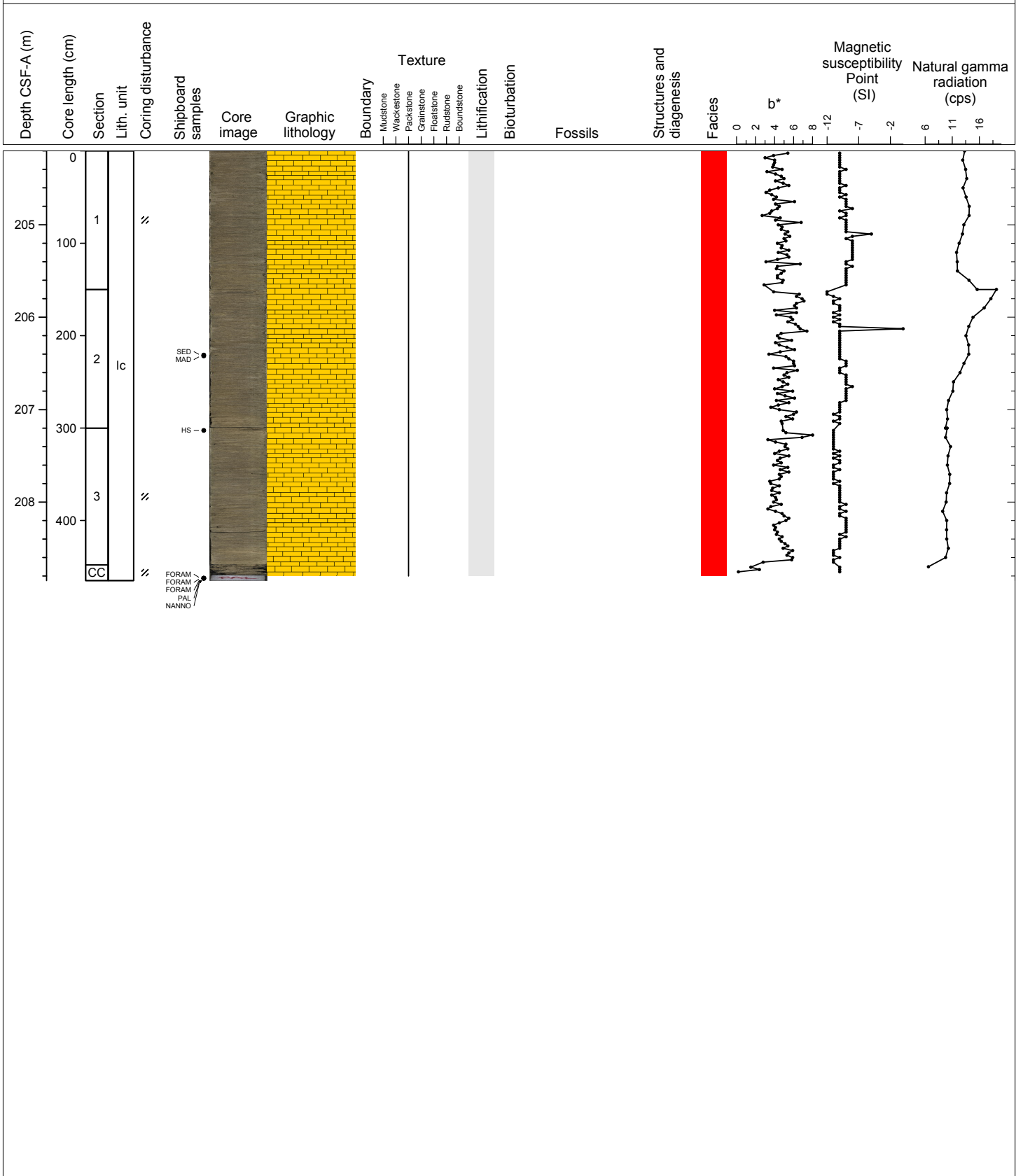






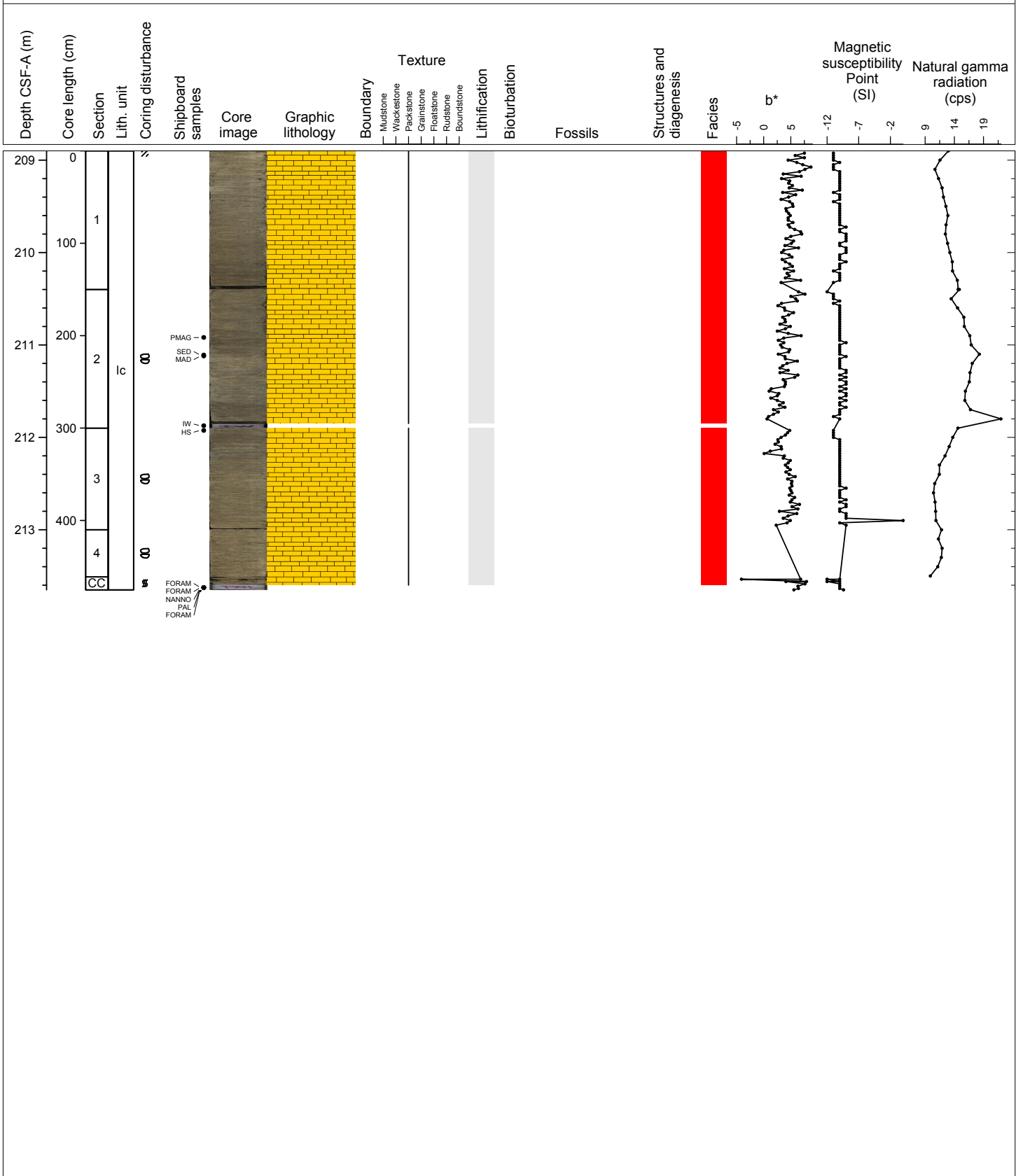
Hole 356-U1460A Core 45F, Interval 204.2-208.85 m (CSF-A)

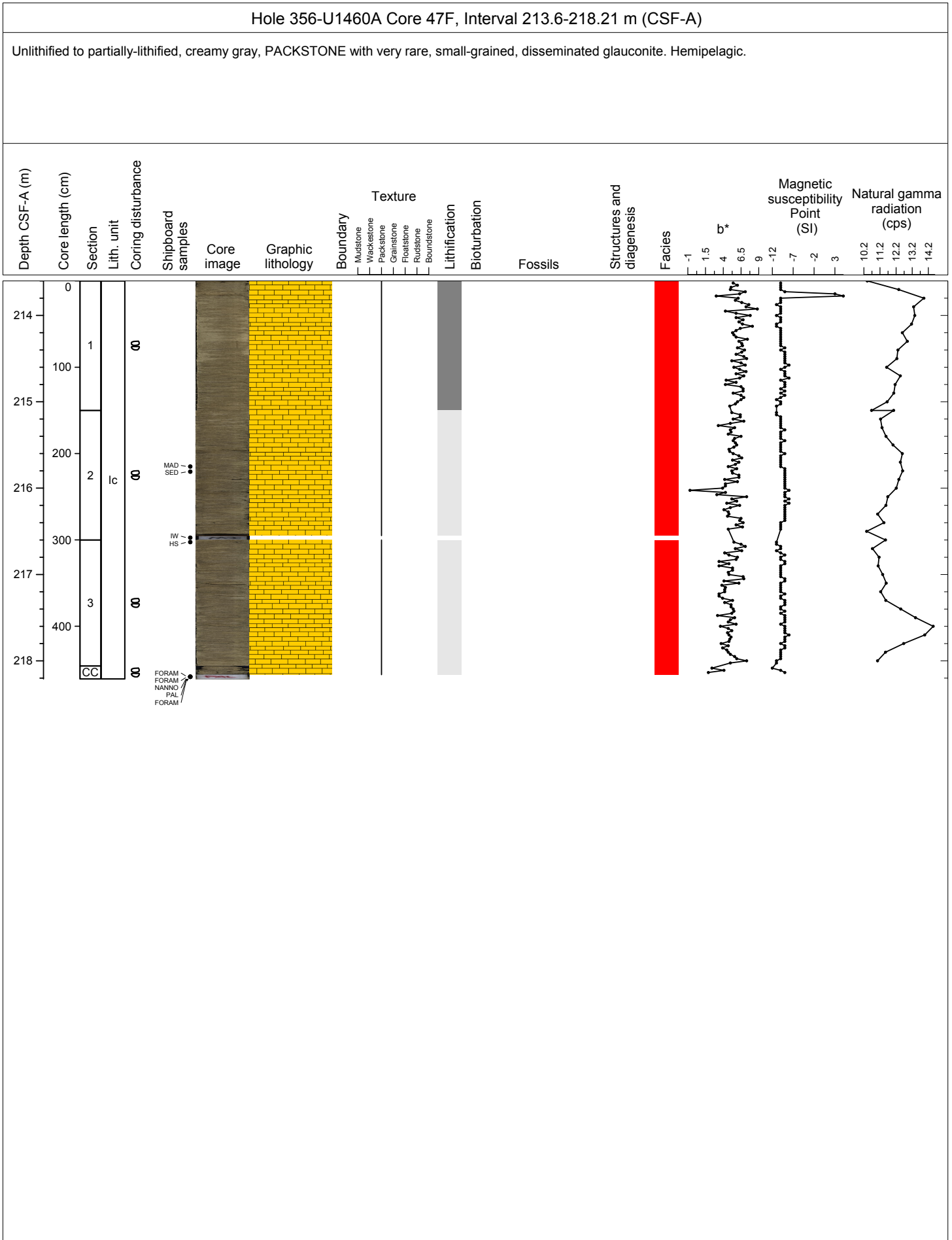
Homogenous, un lithified, beige, PACKSTONE with slight fracturing due to drilling disturbance.

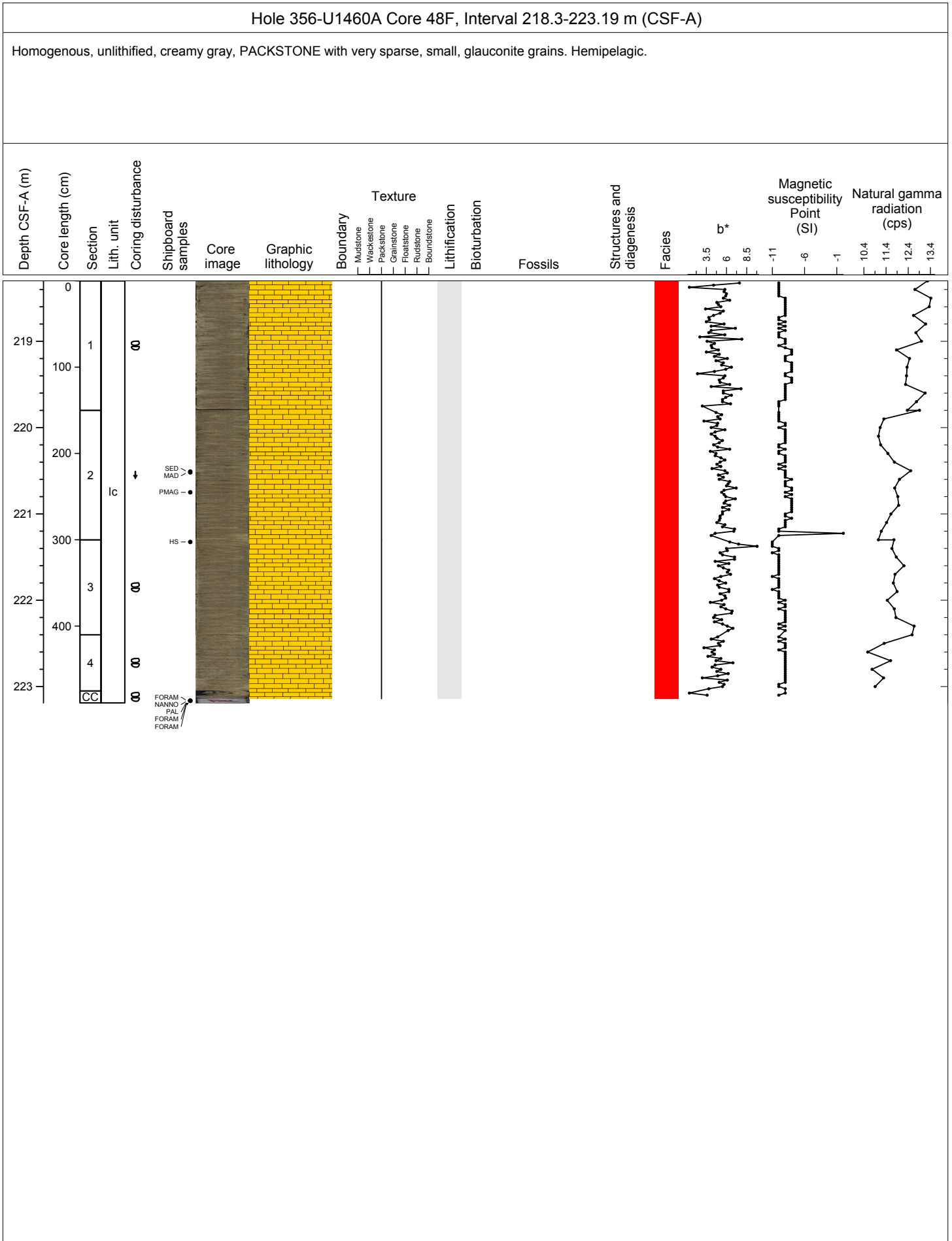


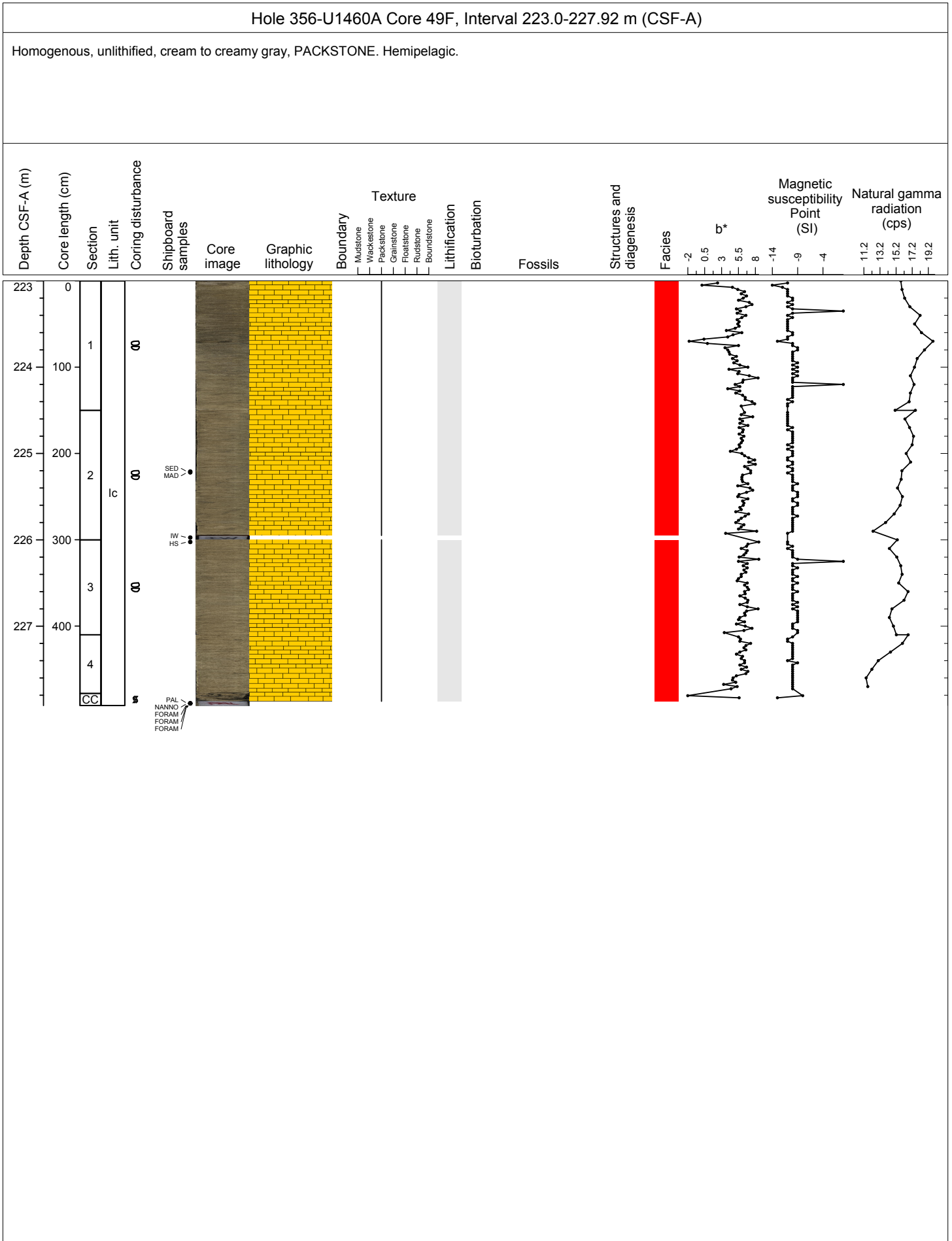
Hole 356-U1460A Core 46F, Interval 208.9-213.65 m (CSF-A)

Homogenous, unlithified, fine-grained, cream to beige to creamy gray, PACKSTONE with rare, very small-grained, disseminated glauconite. Hemipelagic.



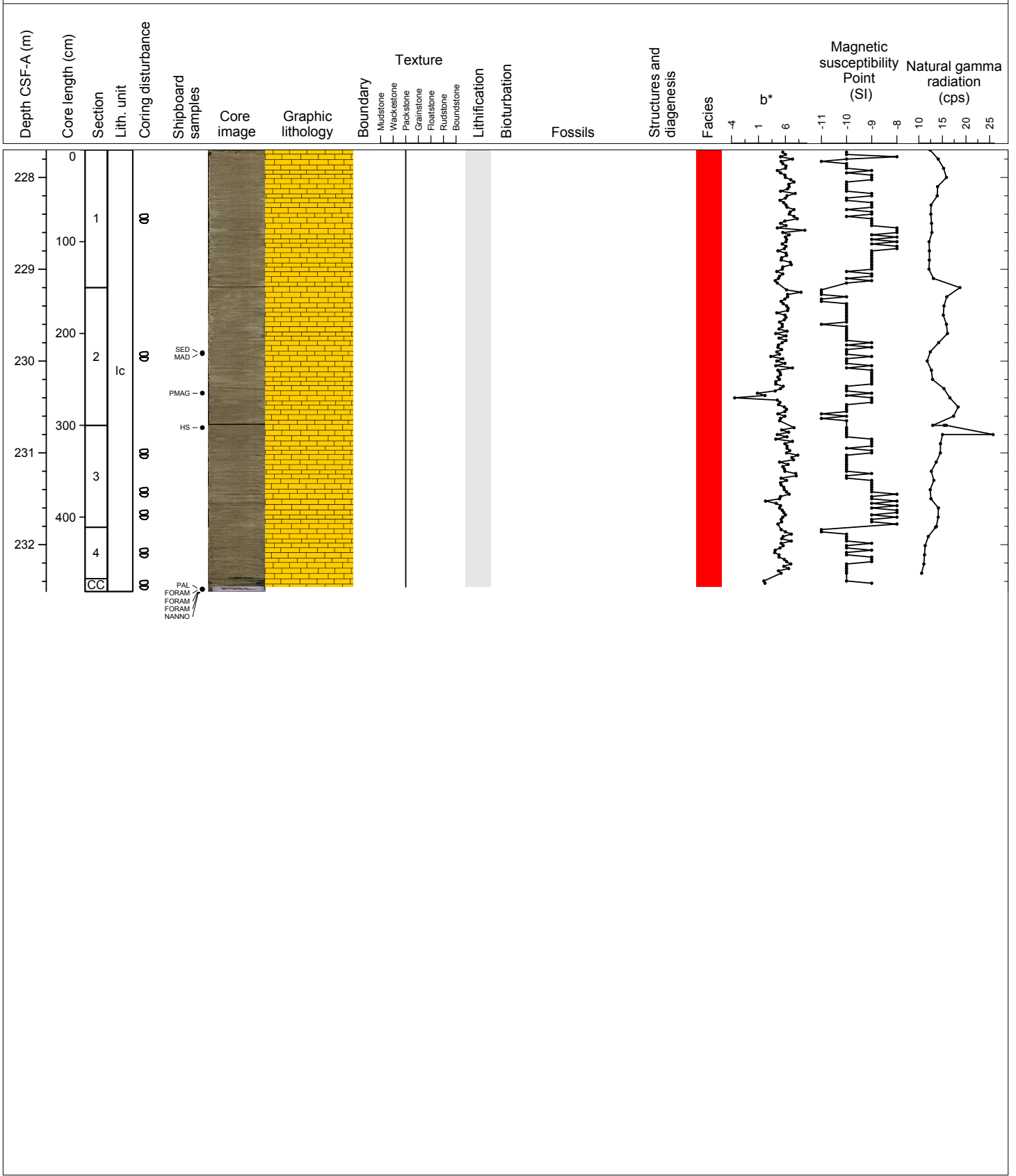






Hole 356-U1460A Core 50F, Interval 227.7-232.51 m (CSF-A)

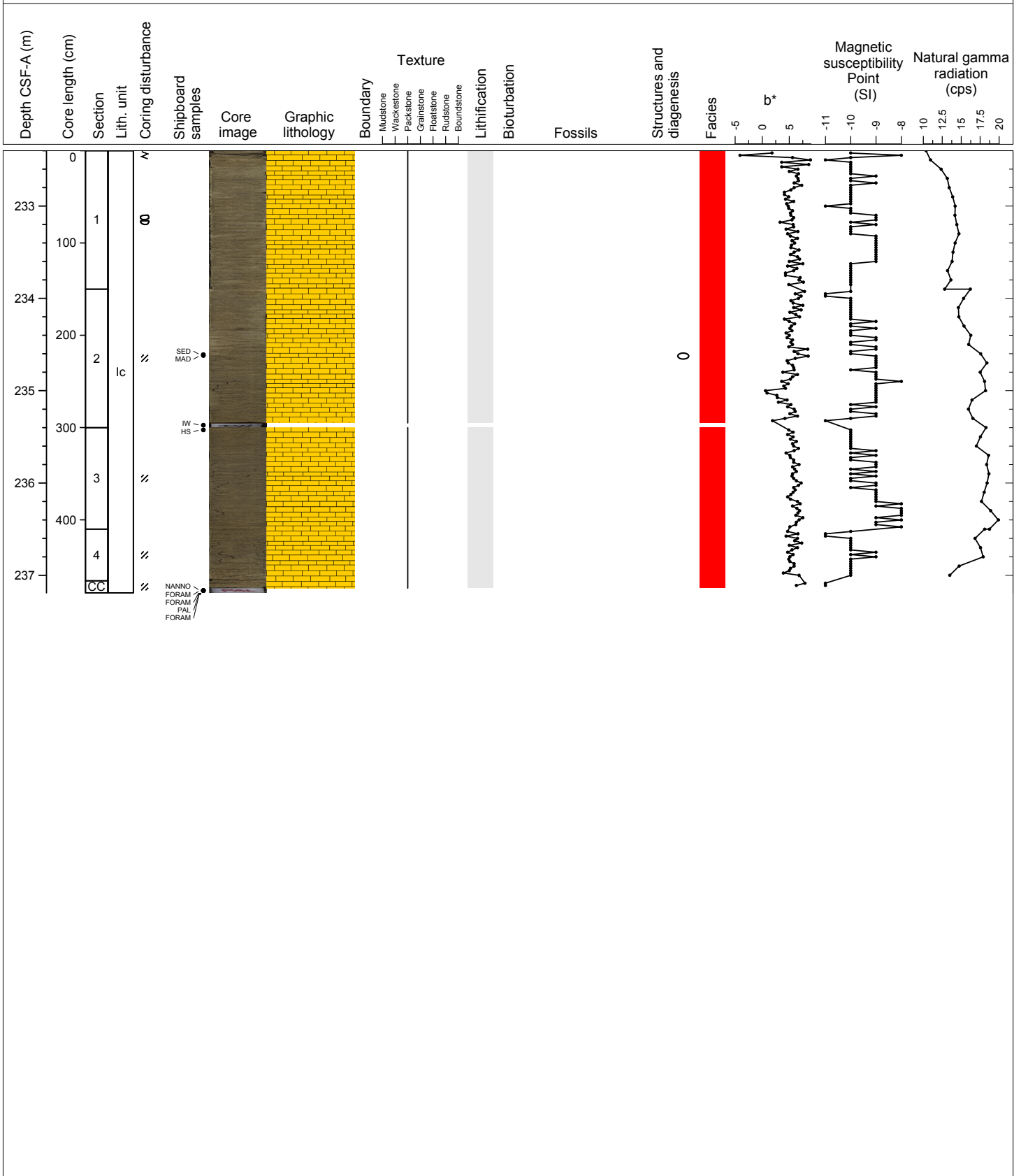
Homogenous, un lithified, cream, PACKSTONE with very rare, small glauconite grains. Hemipelagic.

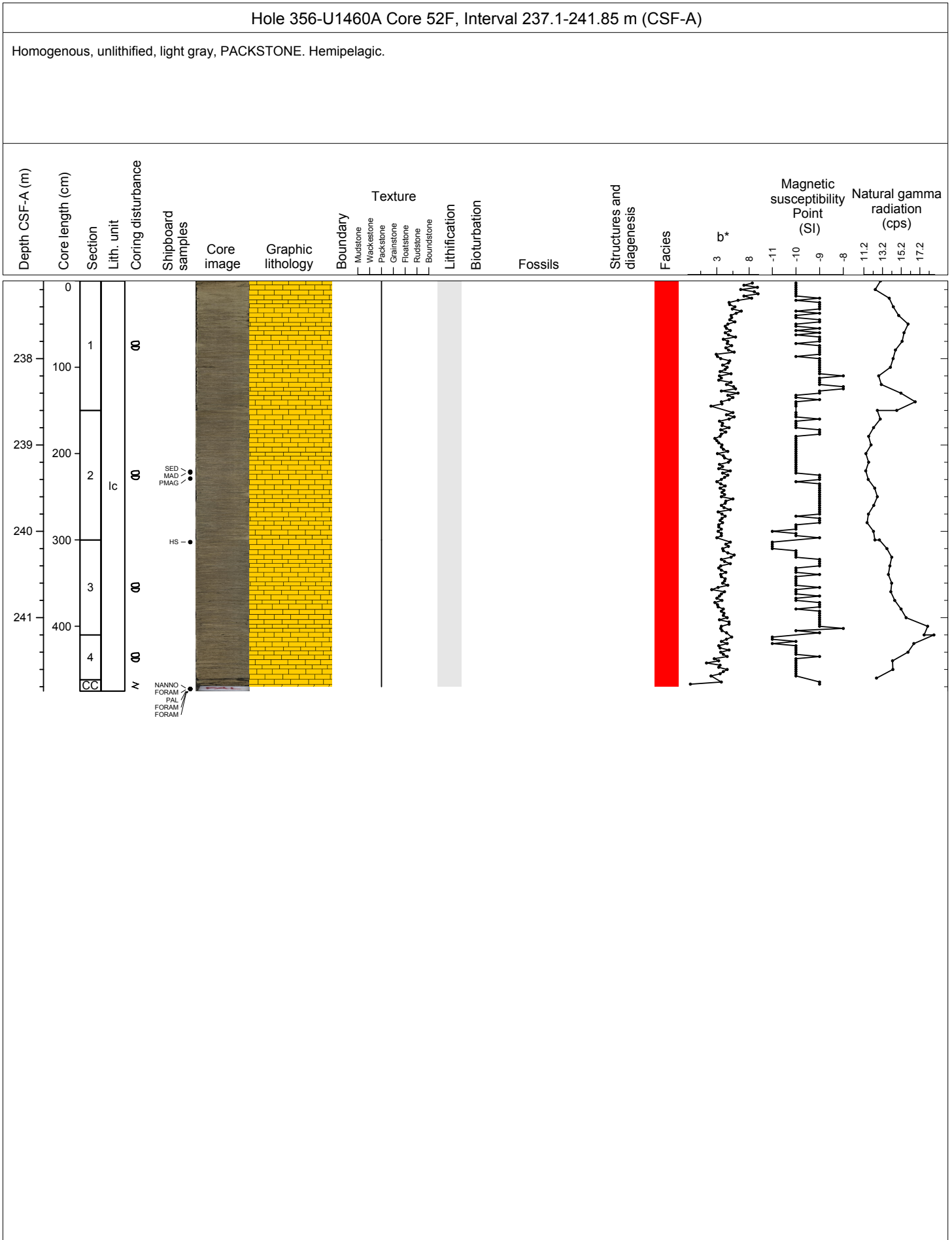


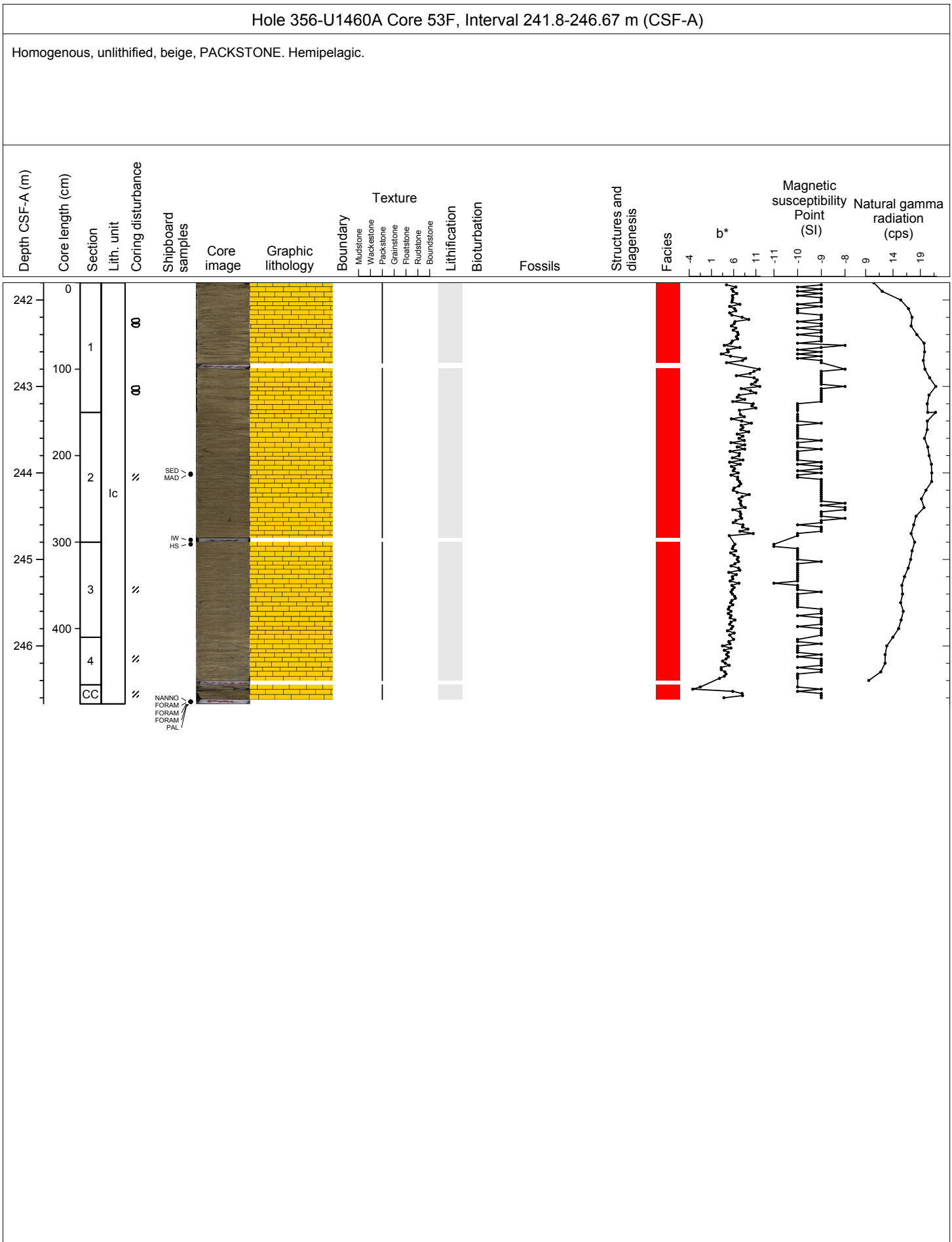


Hole 356-U1460A Core 51F, Interval 232.4-237.19 m (CSF-A)

Homogenous, un lithified, light gray, PACKSTONE. Slightly different color than previous sections could be due to slightly great compaction in this section. There is a mineralized burrow (9 mm diameter). Hemipelagic.

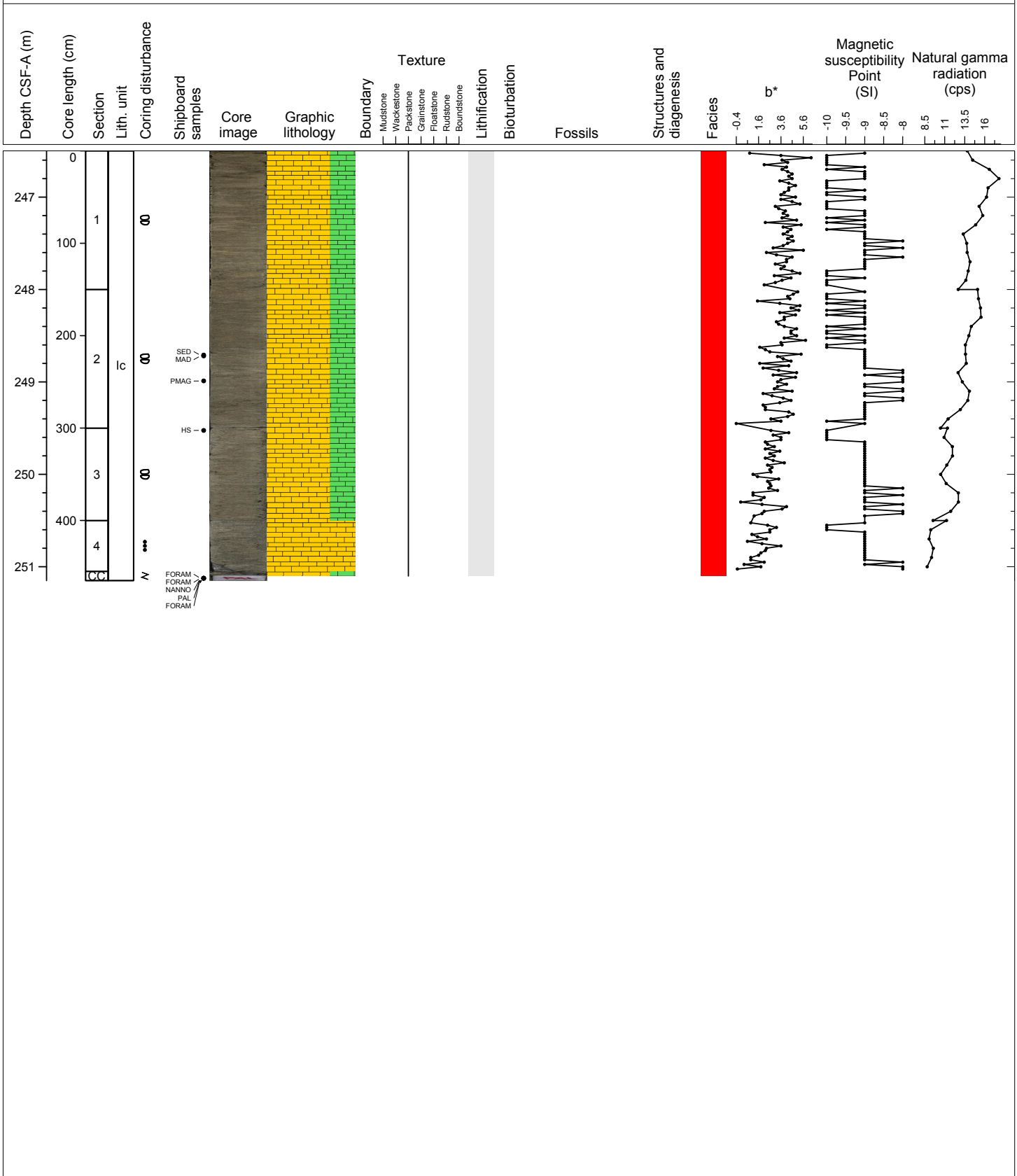






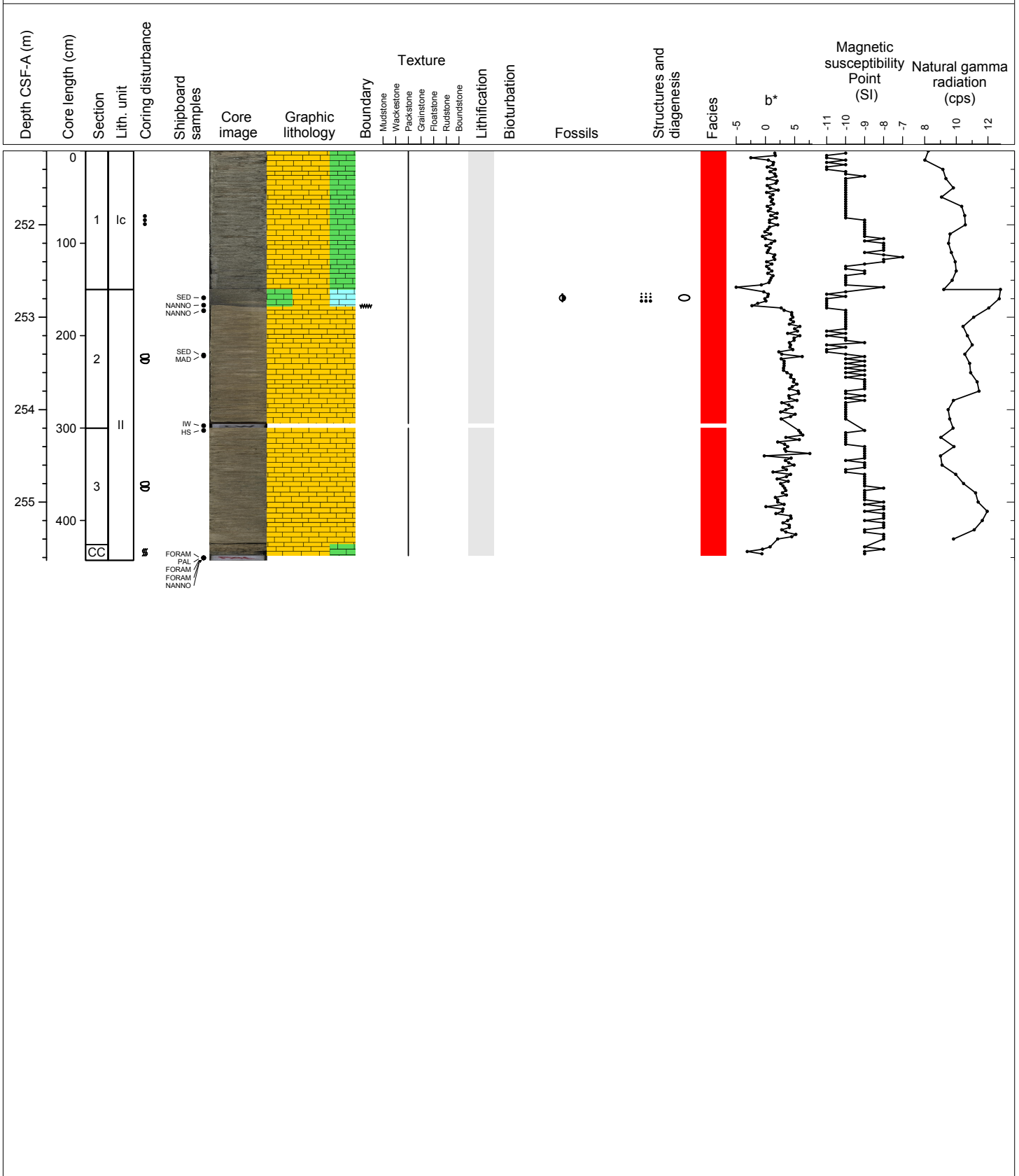
Hole 356-U1460A Core 54F, Interval 246.5-251.15 m (CSF-A)

Homogenous, un lithified, light greenish-gray, PACKSTONE with small grains of glauconite disseminated throughout the core. Hemipelagic.



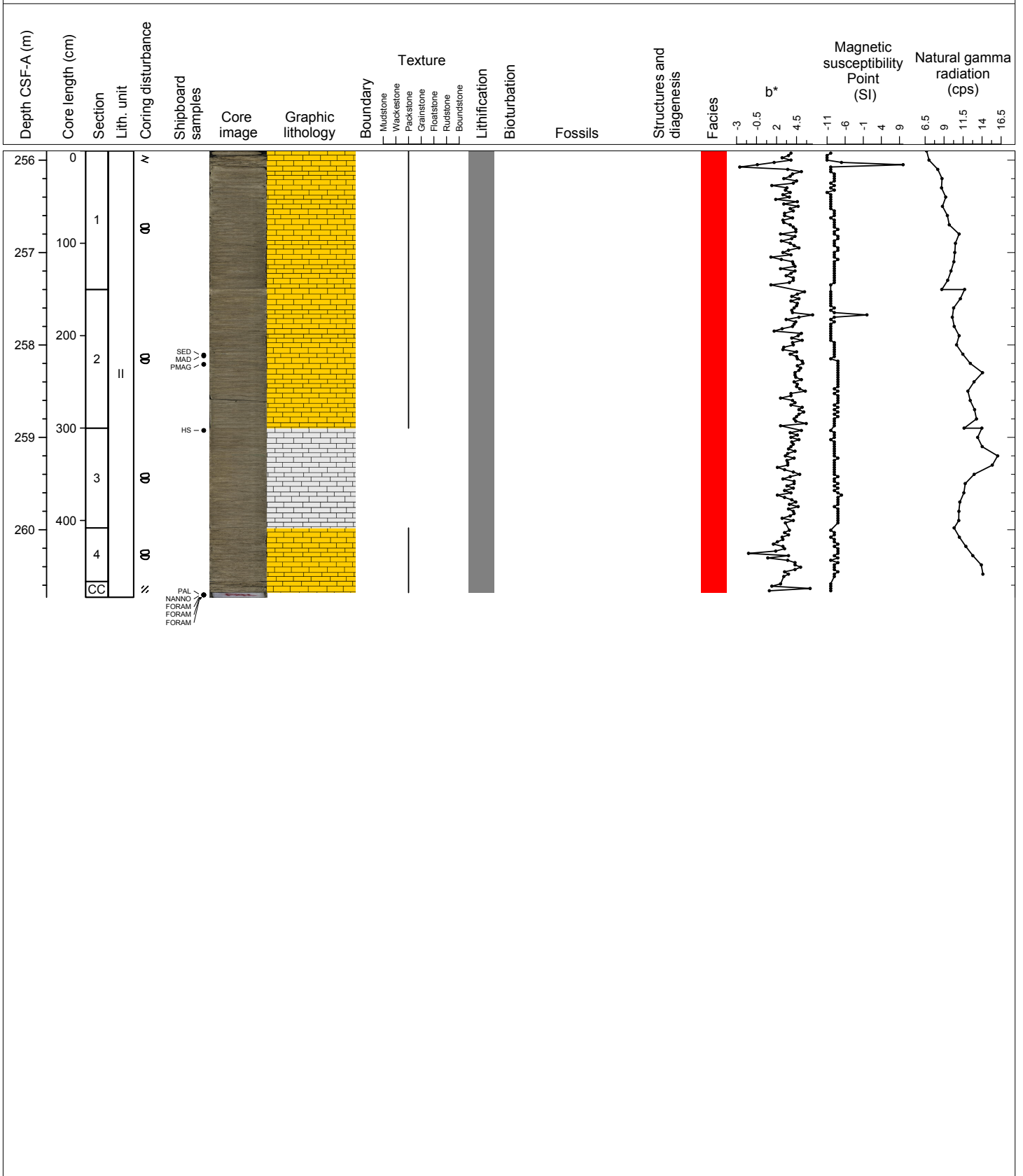
Hole 356-U1460A Core 55F, Interval 251.2-255.63 m (CSF-A)

Homogenous, unlithified, light greenish-gray, PACKSTONE with rare, small grains of glauconite disseminated throughout Section 1. Section 2 is unlithified, dark gray, fine-grained, sand-sized, PACKSTONE with small benthic foraminifers. There is a sharp, inclined basal (scoured) contact that separates the dark gray packstone from the underlying homogenous, unlithified, cream, PACKSTONE which contains a green glauconite nodule ~5 cm long. The homogenous, cream, packstone transitions slightly to homogenous, unlithified, beige, PACKSTONE with sponge spicules. The core catcher grades downwards from beige packstone to dark greenish-gray, glauconite-rich PACKSTONE. Hemipelagic.



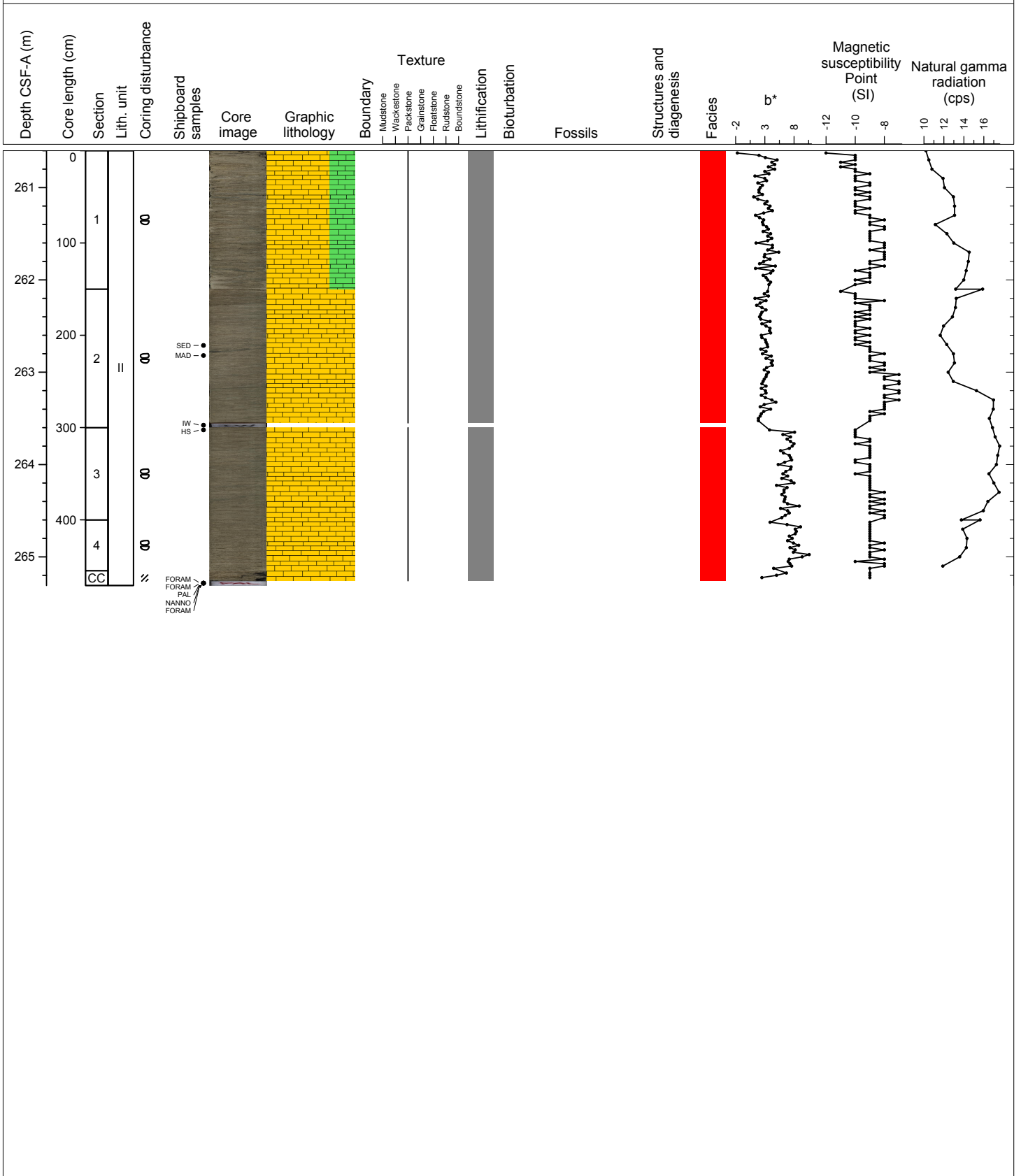
Hole 356-U1460A Core 56F, Interval 255.9-260.73 m (CSF-A)

Unlithified to partially-lithified, beige, PACKSTONE with rare, small, glauconite grains disseminated and in patches. Hemipelagic.



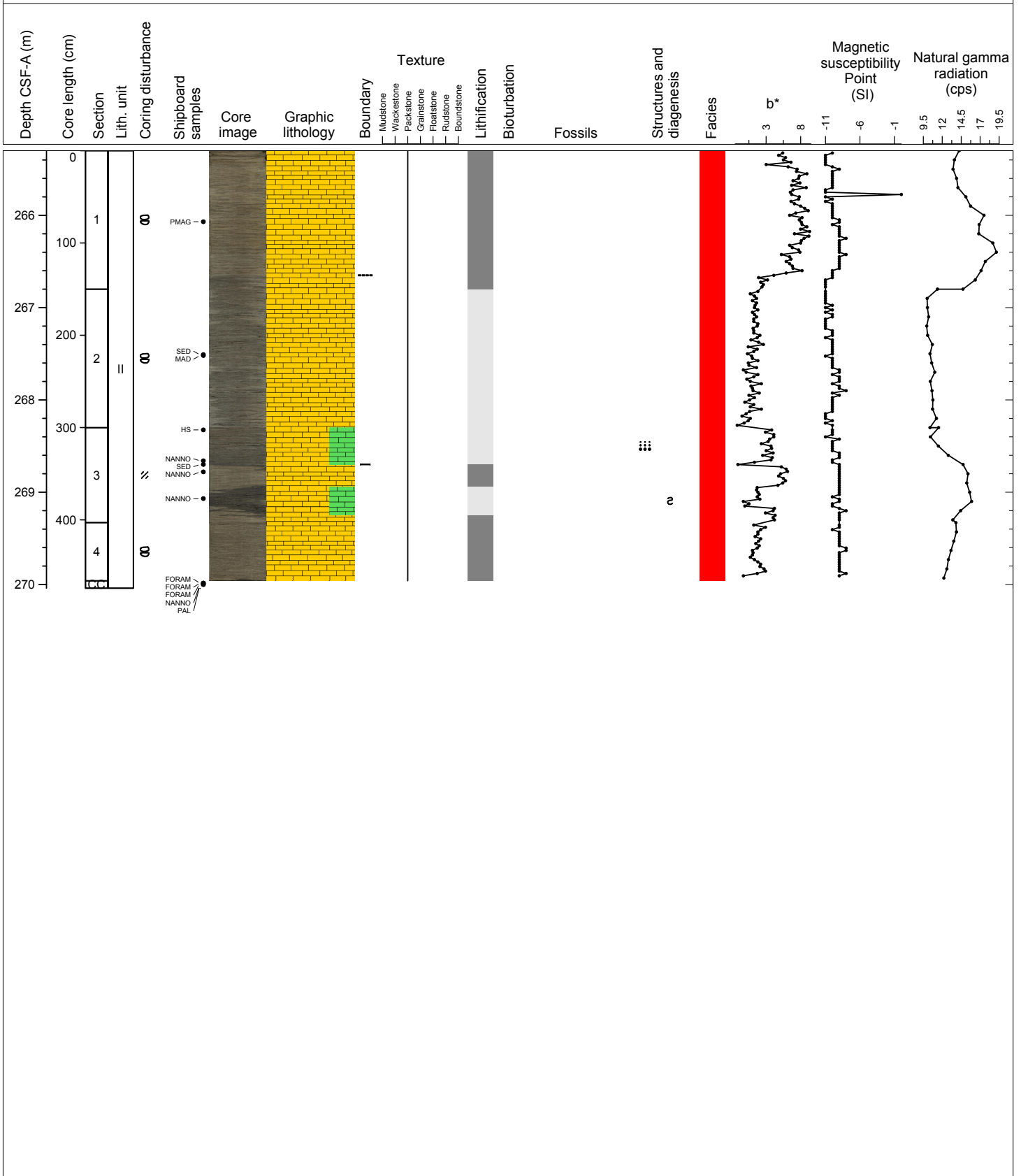
Hole 356-U1460A Core 57F, Interval 260.6-265.31 m (CSF-A)

Homogenous, partially-lithified, light gray to beige, PACKSTONE with glauconite occurring as scattered patches.



Hole 356-U1460A Core 58F, Interval 265.3-270.04 m (CSF-A)

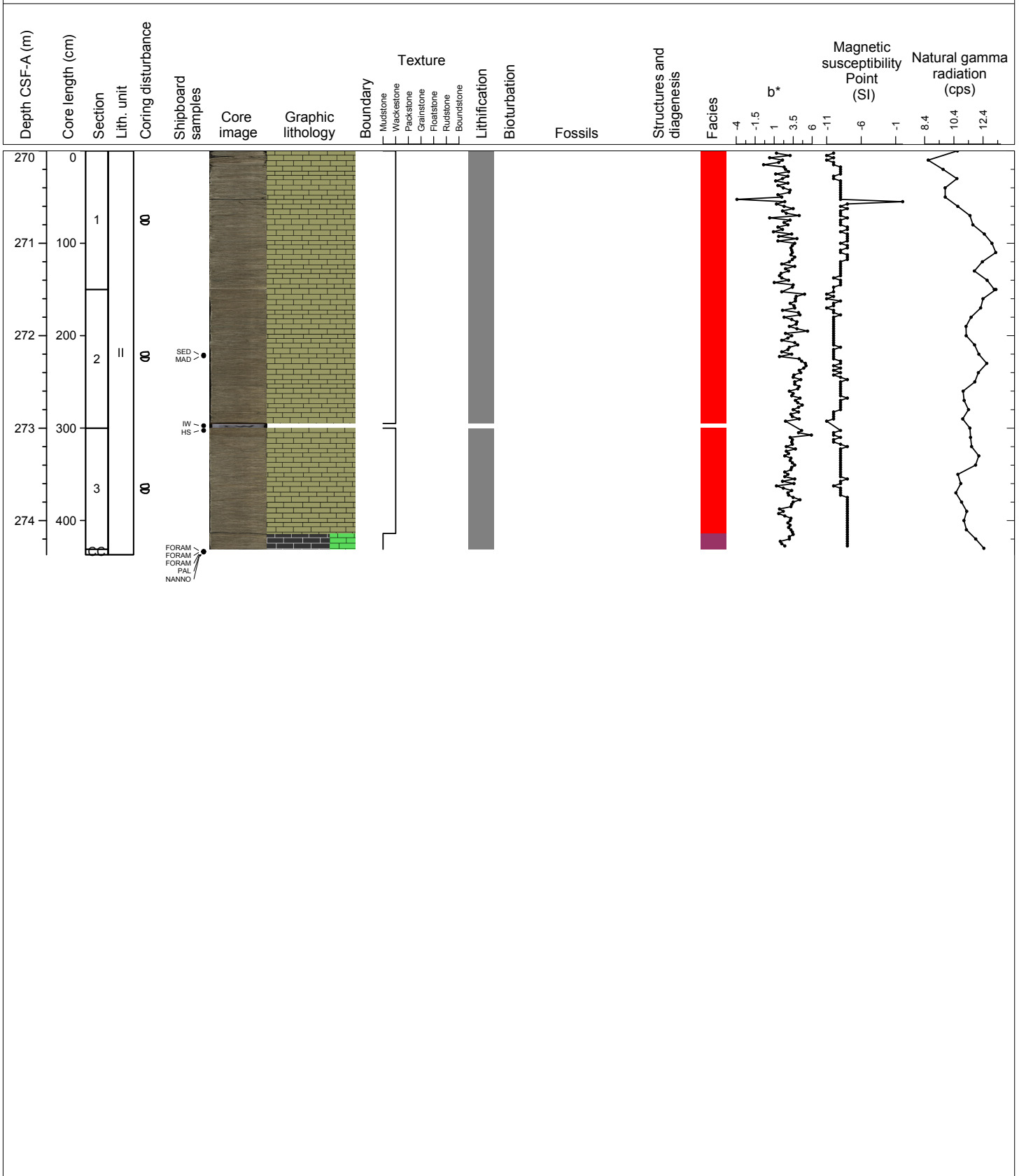
Homogenous, unlitthified to partially-lithified, beige to light gray to light greenish-gray, WACKESTONE with partially-lithified beds intercalated and some glauconite.





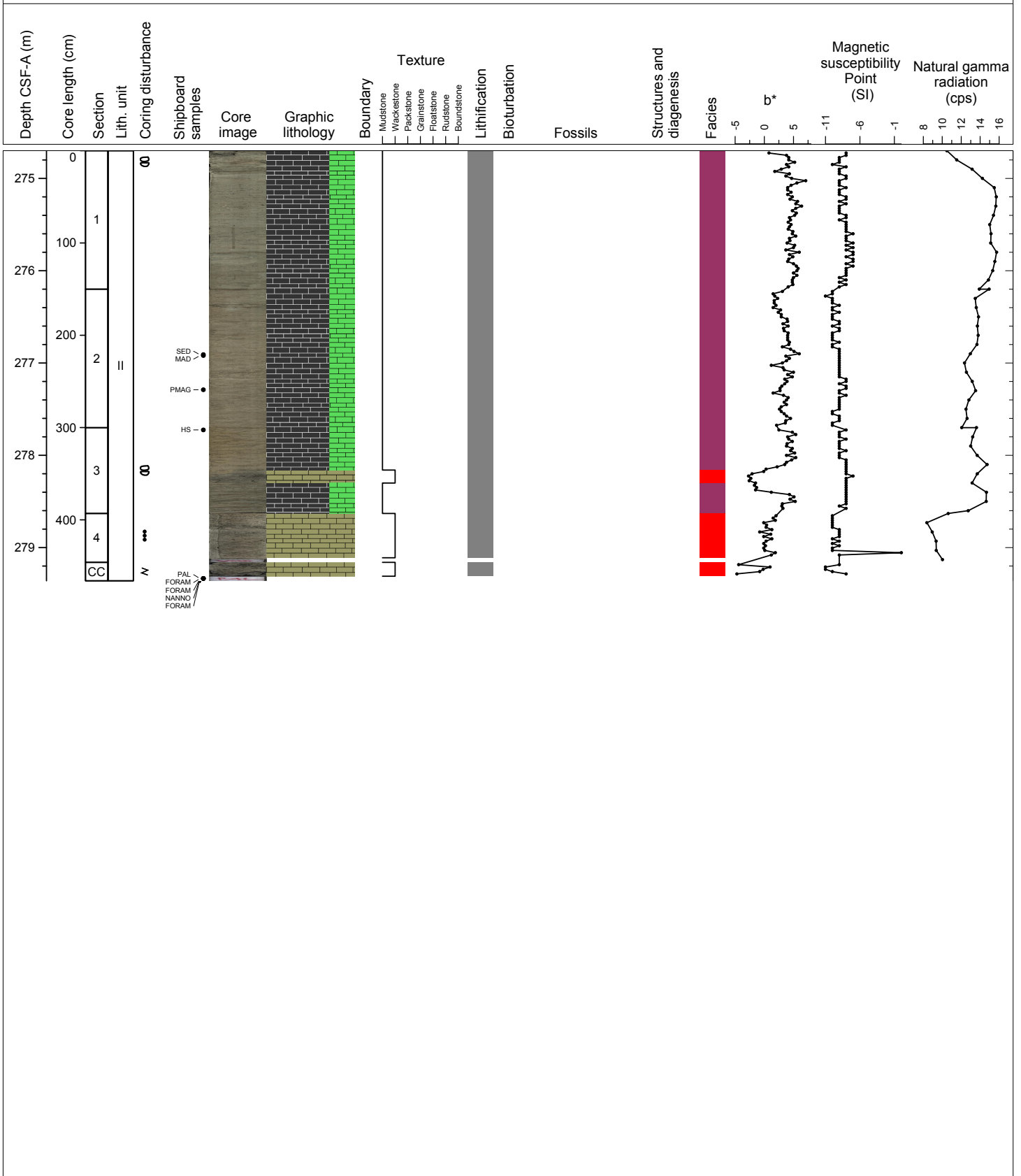
Hole 356-U1460A Core 59F, Interval 270.0-274.37 m (CSF-A)

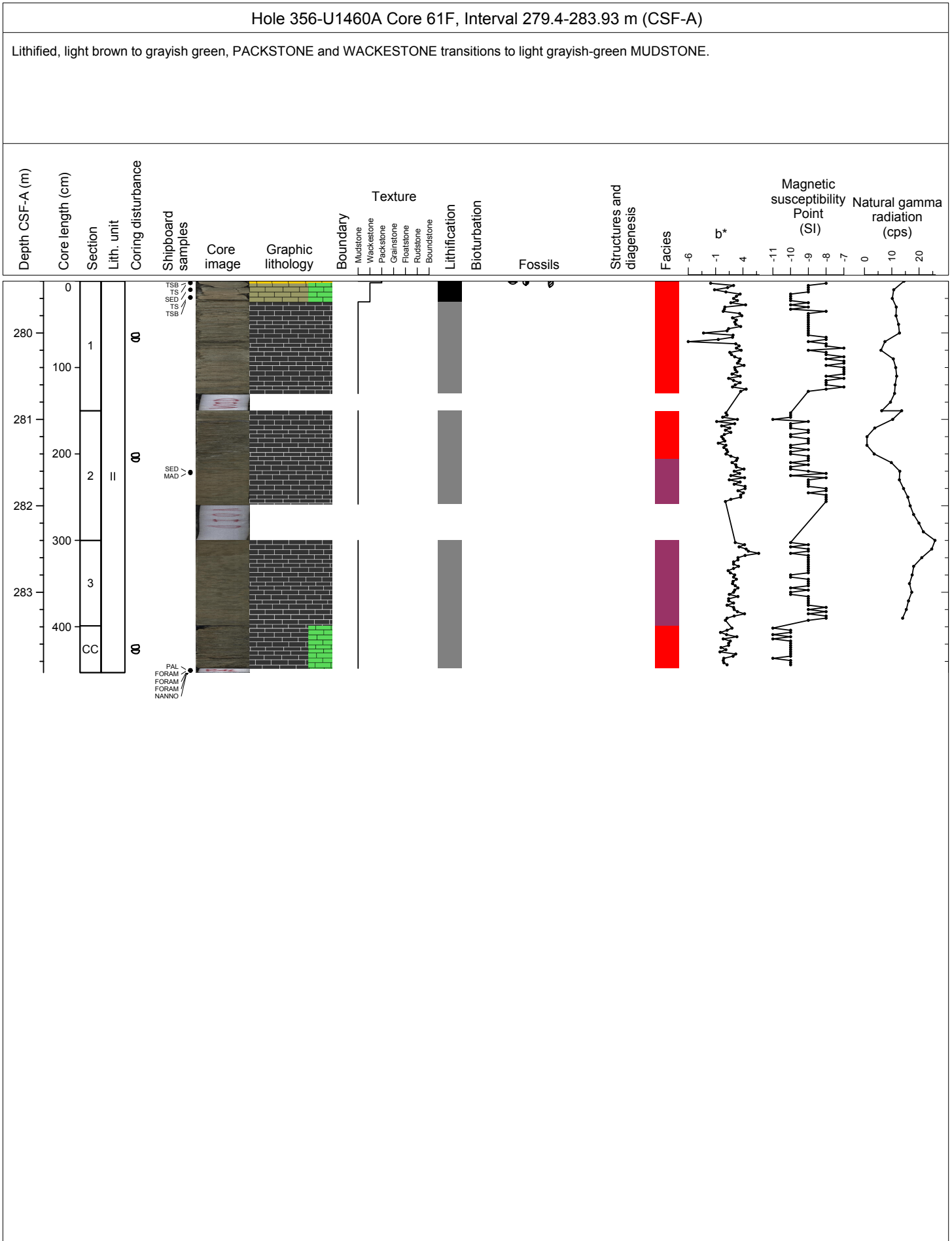
Homogenous, partially-lithified, light greenish-gray, PACKSTONE with partially-lithified beds intercalated. In the lower part of the core, the packstone transitions to partially-lithified, beige, MUDSTONE with glauconite.



Hole 356-U1460A Core 60F, Interval 274.7-279.36 m (CSF-A)

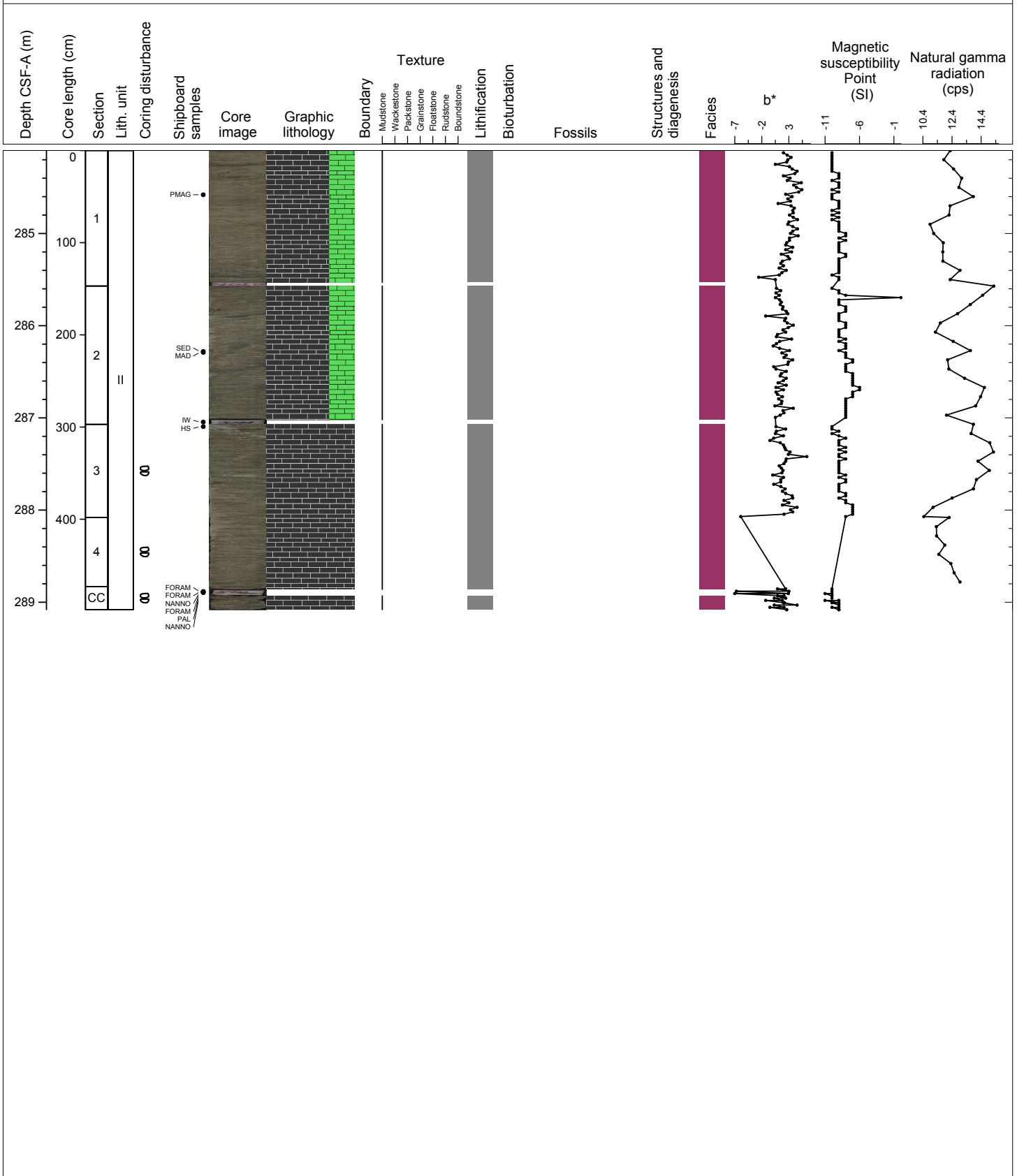
Homogenous, partially-lithified, light brown, MUDSTONE with glauconite transitions to partially-lithified, gray, WACKESTONE in the lower part of the core. Partially-lithified beds were often intercalated.





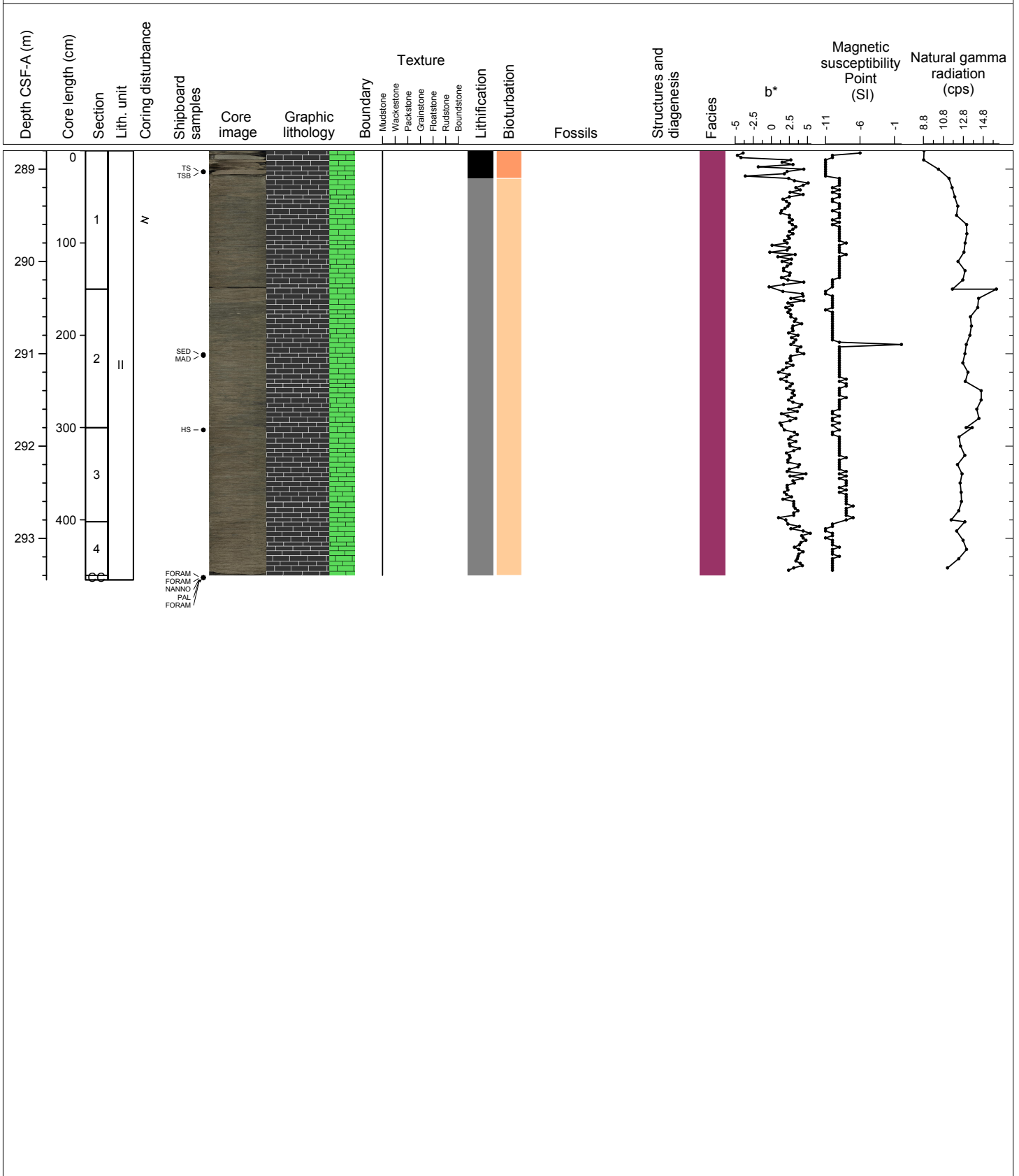
Hole 356-U1460A Core 62F, Interval 284.1-289.08 m (CSF-A)

Partially-lithified, light grayish-green, MUDSTONE with partially-lithified beds throughout the core.



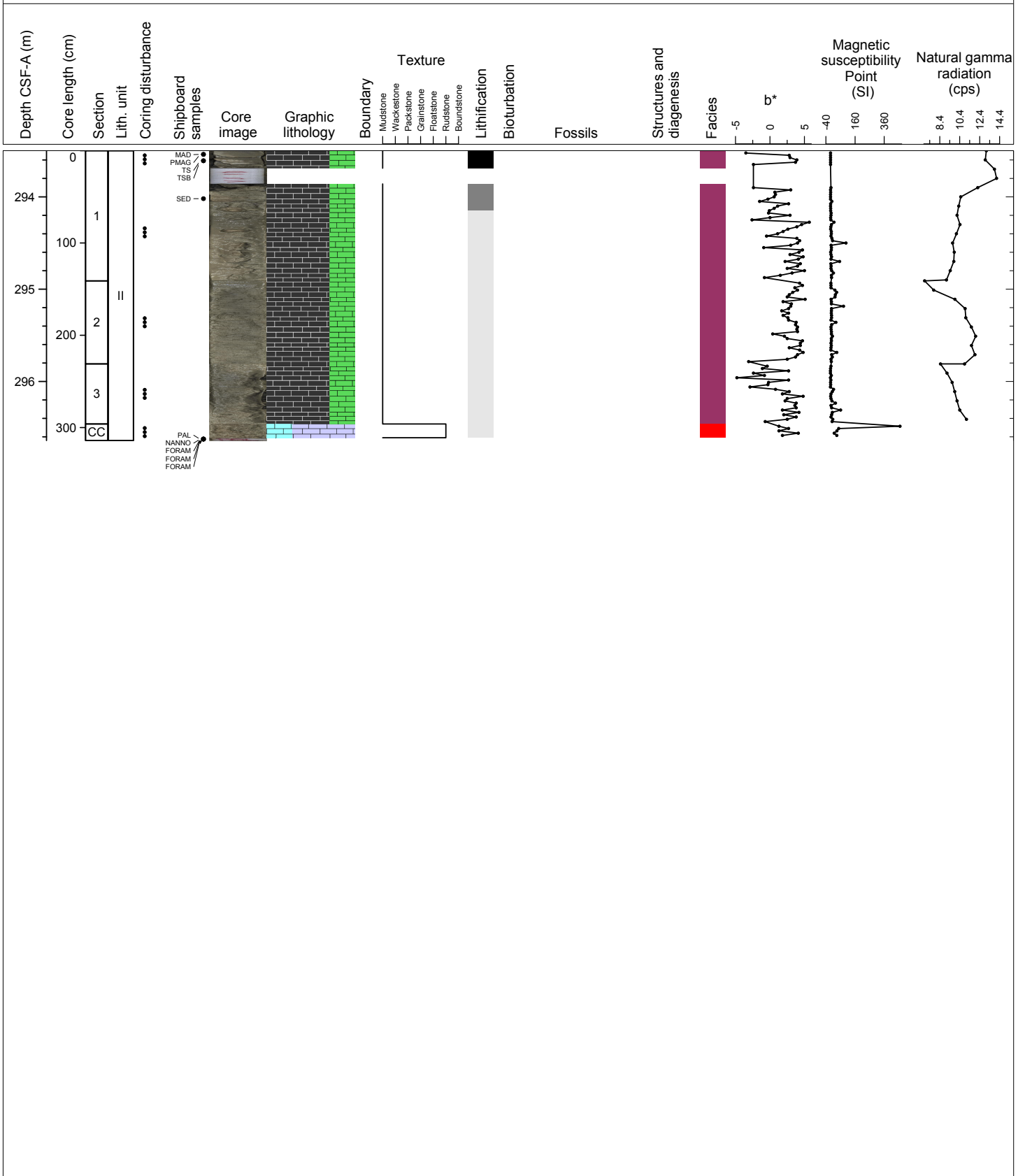
Hole 356-U1460A Core 63F, Interval 288.8-293.45 m (CSF-A)

Partially-lithified, light greenish-gray, MUDSTONE with glauconite. The top 30 cm is lithified and bioturbation is visible. Patches of bioturbation that are less distinctive occur throughout the core. Glauconite occurs as layers and patches throughout the core.



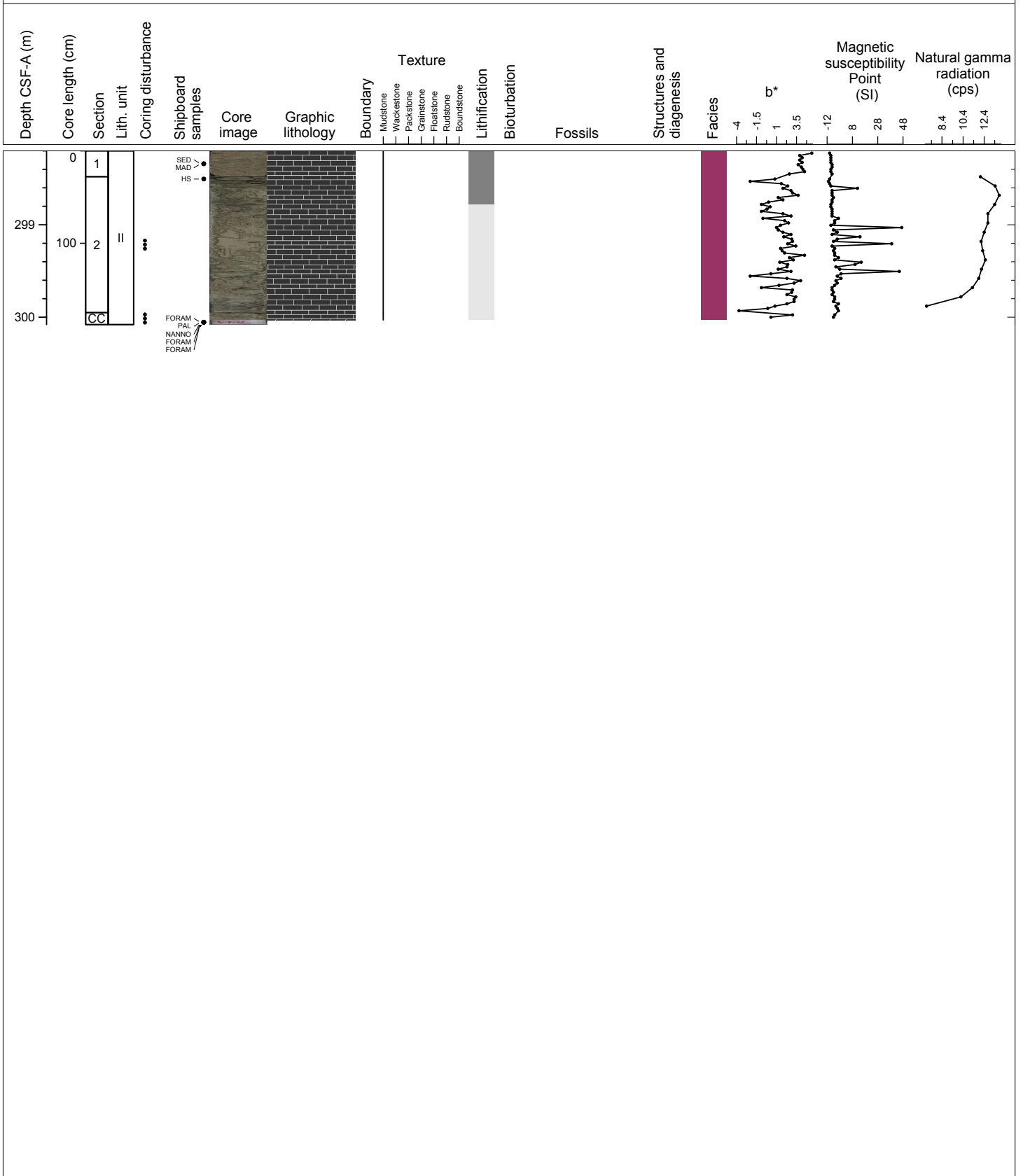
Hole 356-U1460A Core 64F, Interval 293.5-296.64 m (CSF-A)

Unlithified to lithified, gray green, MUDSTONE with glauconite. Just the upper parts of the core are lithified to partially lithified; the rest of the core is soupy and unlithified.



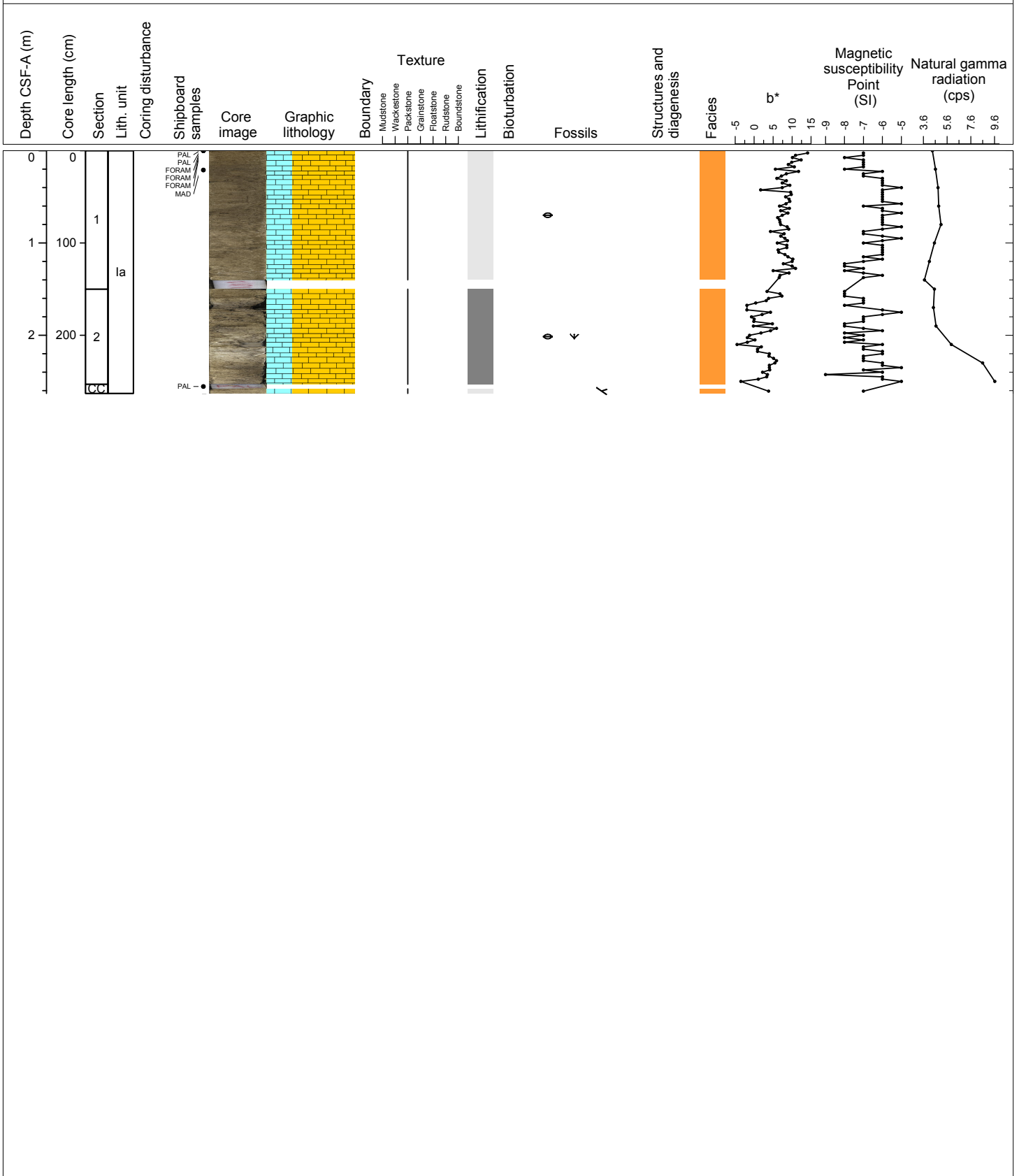
Hole 356-U1460A Core 65F, Interval 298.2-300.08 m (CSF-A)

Unlithified to partially-lithified, light grayish-green, MUDSTONE.



Hole 356-U1460B Core 1F, Interval 0.0-2.63 m (CSF-A)

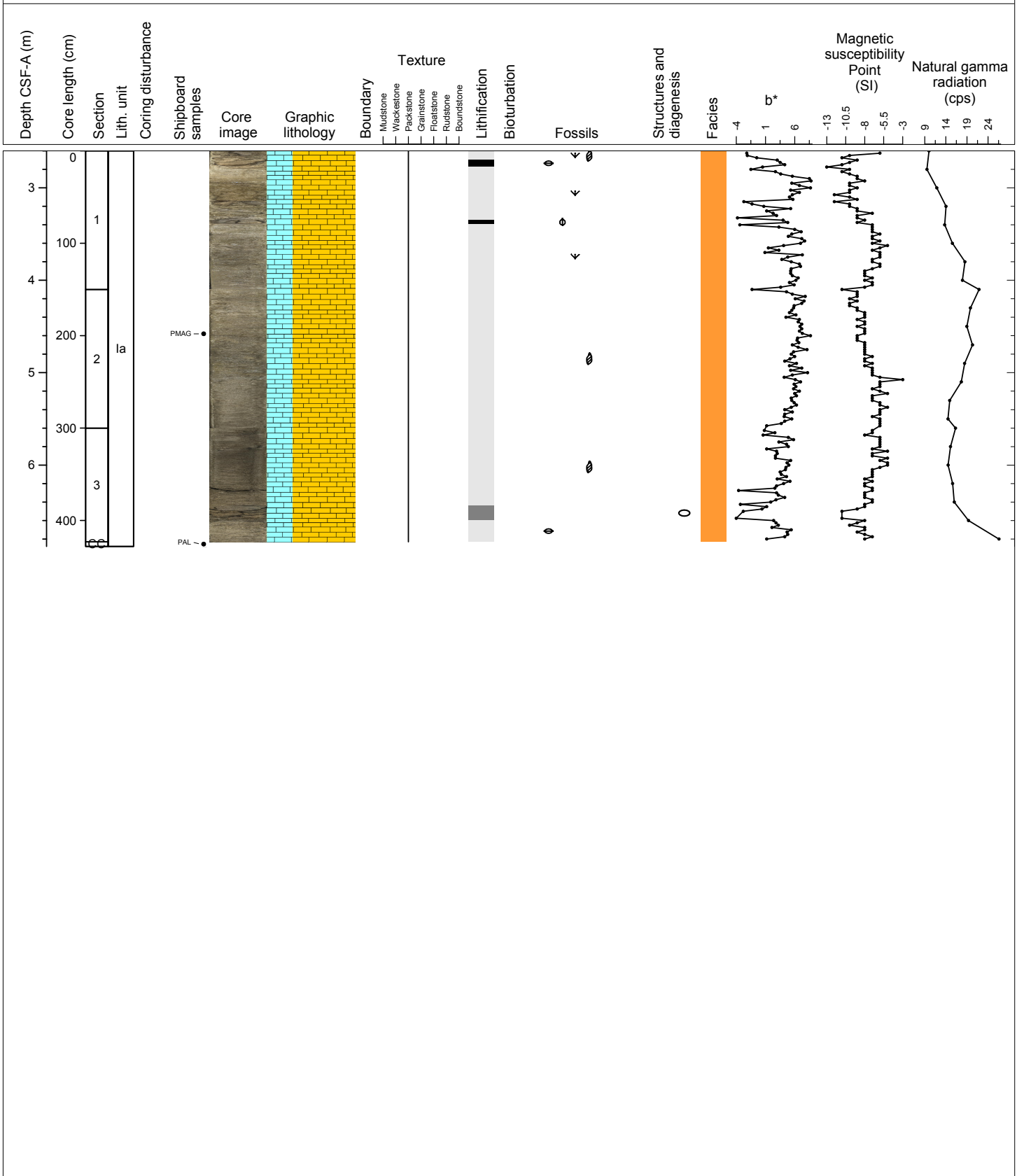
Greenish-gray, fine sand-sized, skeletal PACKSTONE at the top of the core grades into beige, coarse sand-sized, skeletal PACKSTONE towards the base. Gastropods and bivalves are present in the upper packstone, and bryozoans dominate in the lower packstone.





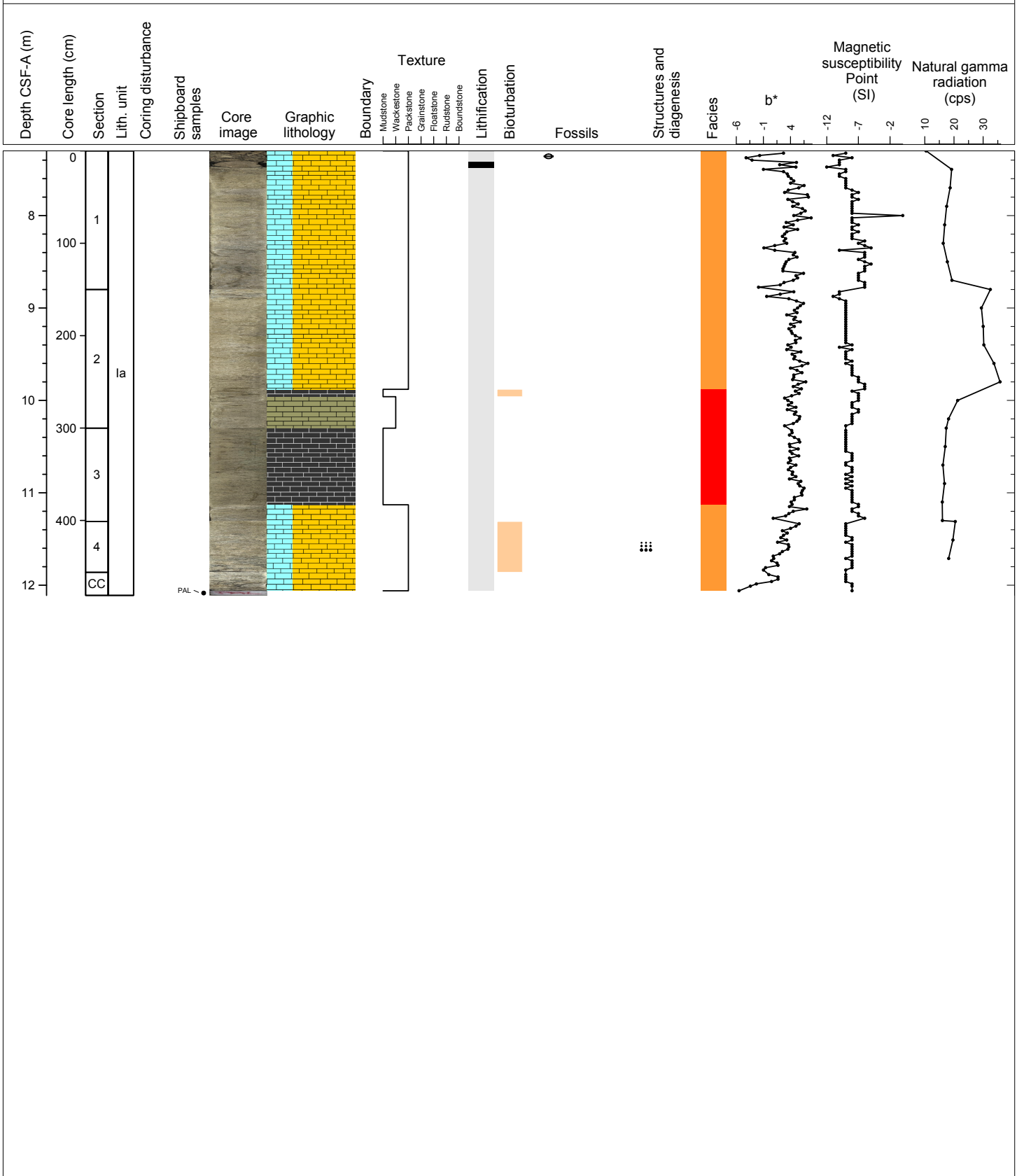
Hole 356-U1460B Core 2F, Interval 2.6-6.88 m (CSF-A)

Primarily unlithified, beige, skeletal PACKSTONE with several cm-thick, partially-lithified to lithified, PACKSTONE interlayers. Black particles interpreted as quartz are common throughout the core, but appear to be more concentrated in some layers.



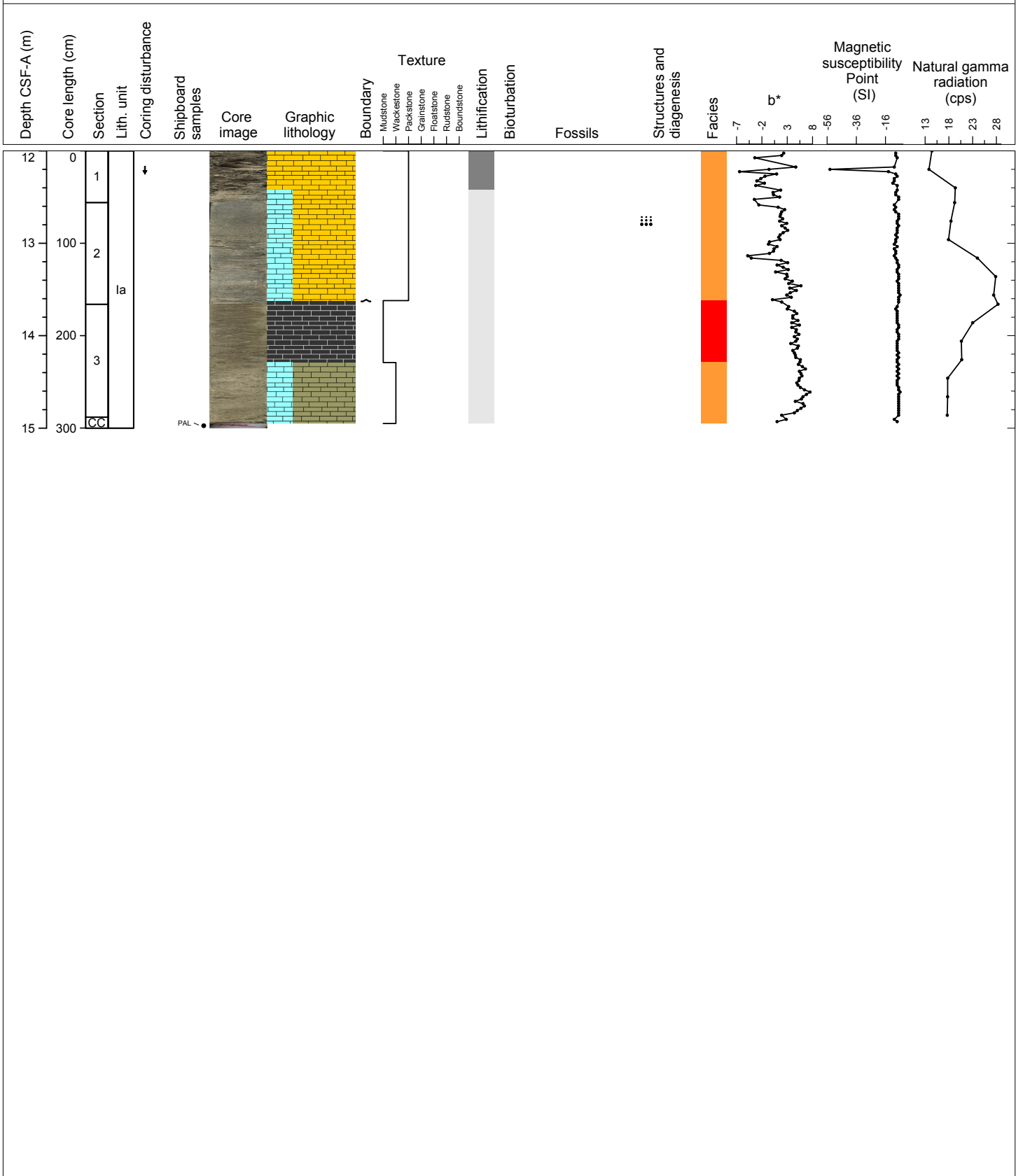
Hole 356-U1460B Core 3F, Interval 7.3-12.11 m (CSF-A)

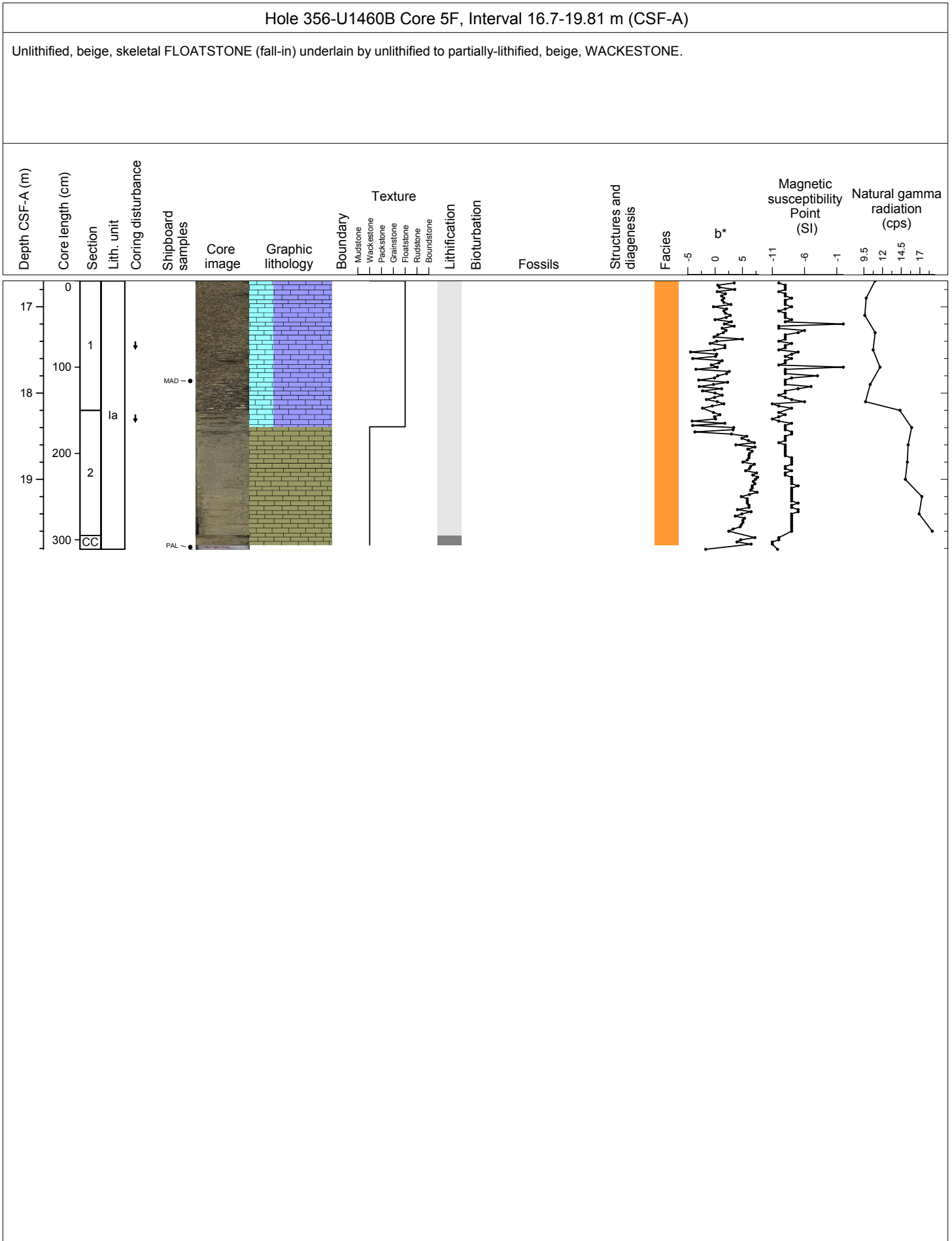
Primarily unlithified, beige, coarse-grained, skeletal, PACKSTONE with an interval of unlithified, greenish gray, MUDSTONE and WACKESTONE present near the middle of the core. Some normal grading evident.



Hole 356-U1460B Core 4F, Interval 12.0-15.0 m (CSF-A)

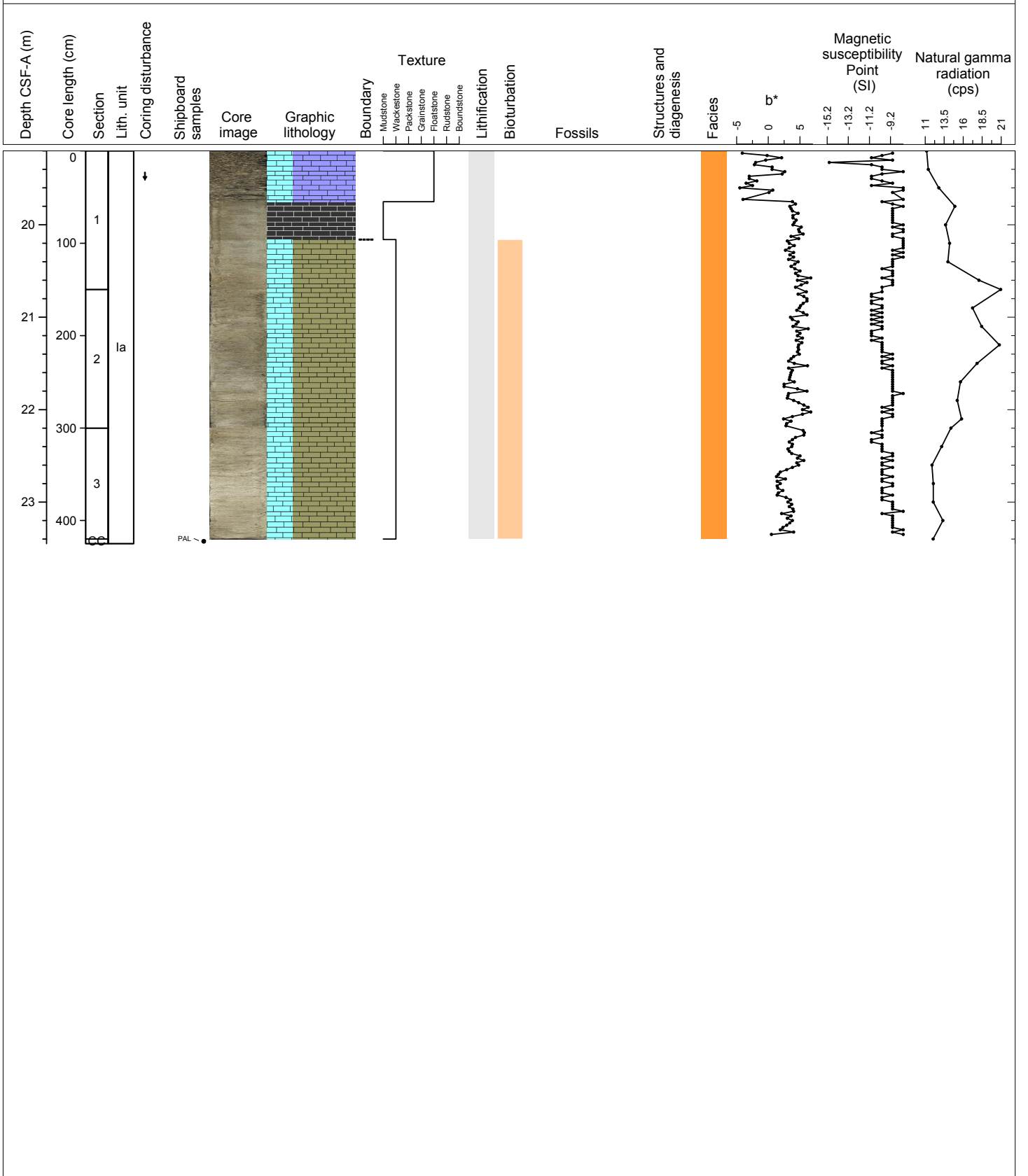
Unlithified, gray, skeletal, PACKSTONE (possible fall-in) underlain by greenish gray to light grayish green, MUDSTONE and skeletal WACKESTONE.

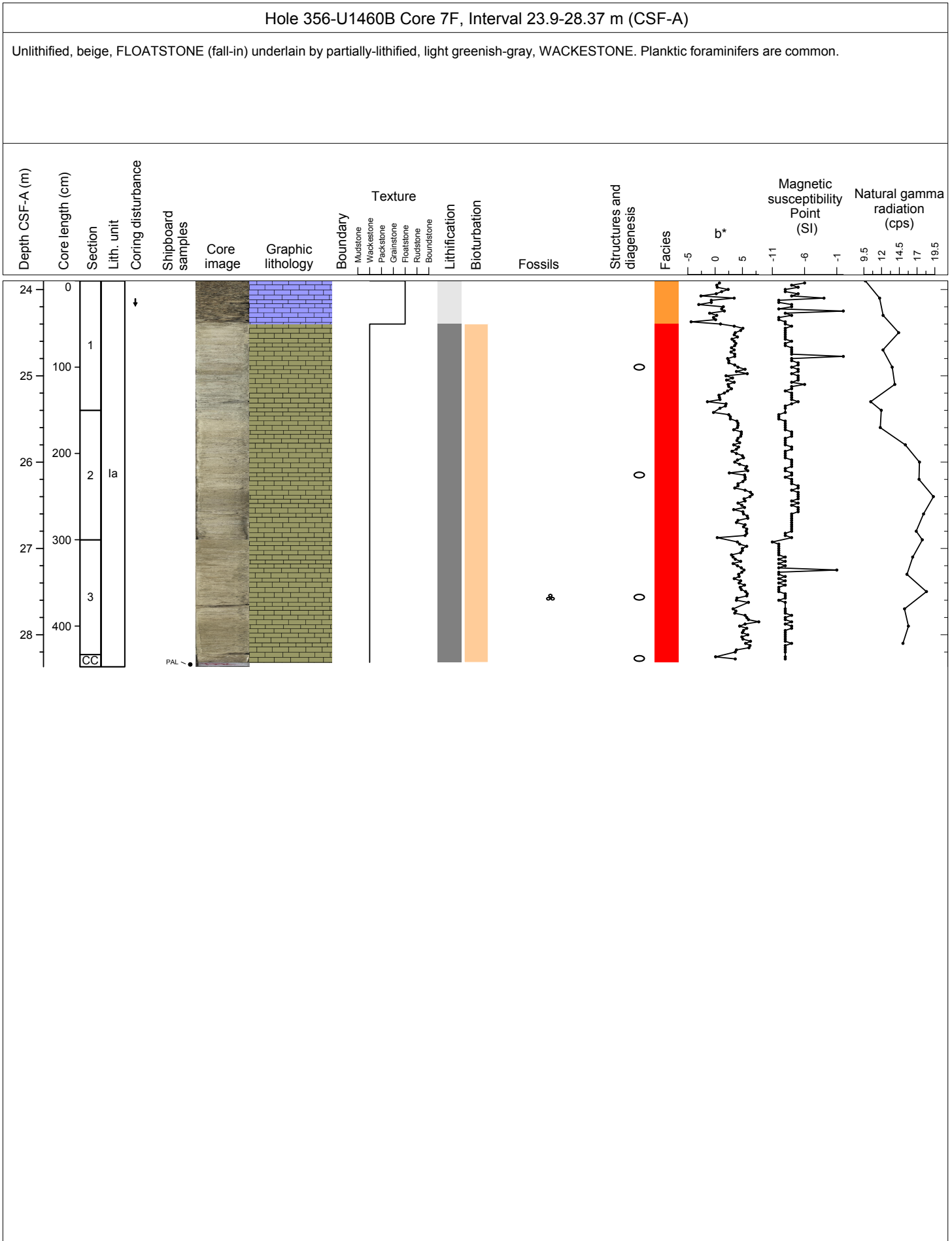




Hole 356-U1460B Core 6F, Interval 19.2-23.45 m (CSF-A)

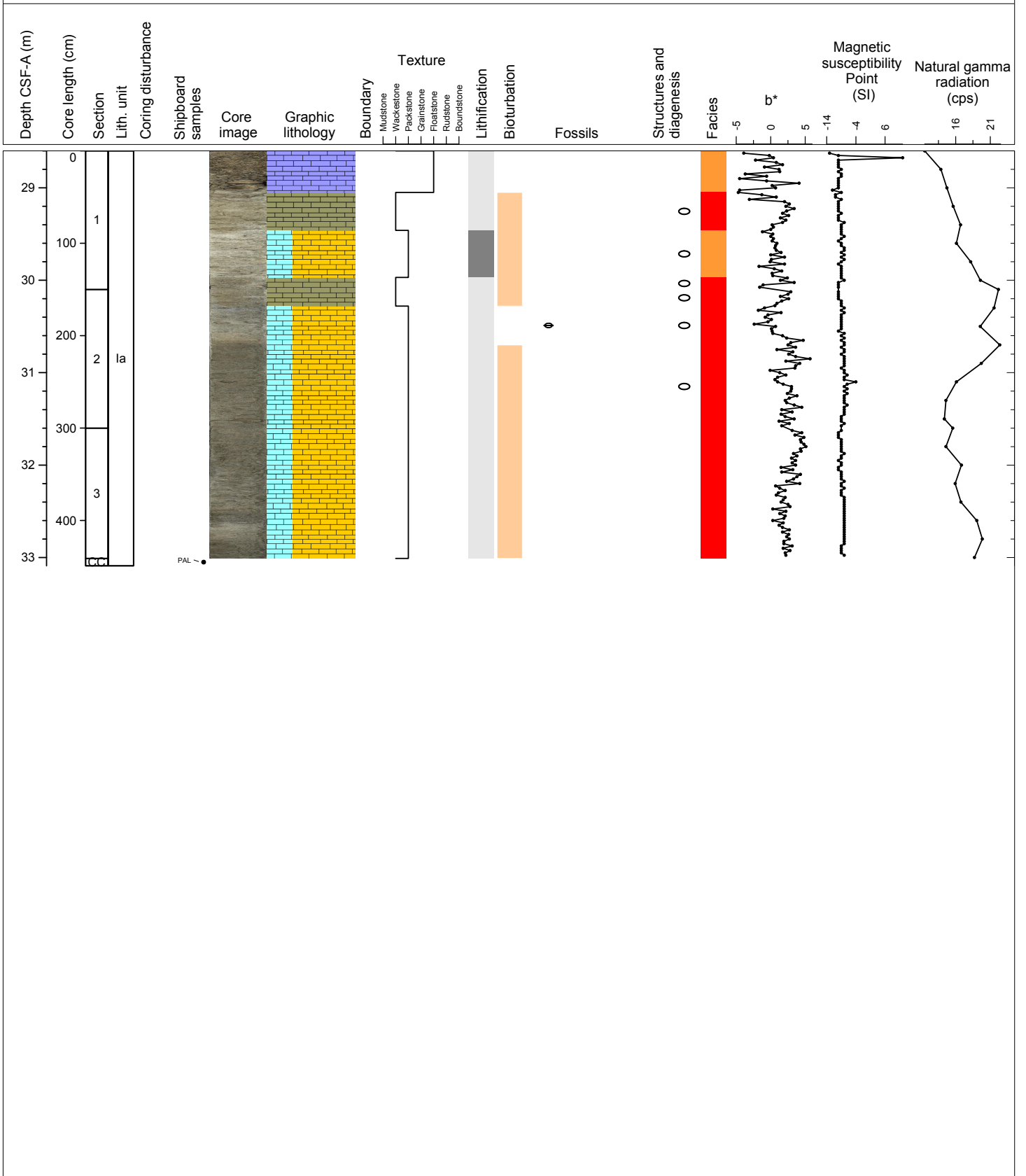
Unlithified, beige, skeletal, FLOATSTONE (fall-in) underlain by unlithified, grayish green, MUDSTONE and then unlithified, greenish gray, skeletal, WACKESTONE. Slight bioturbation.

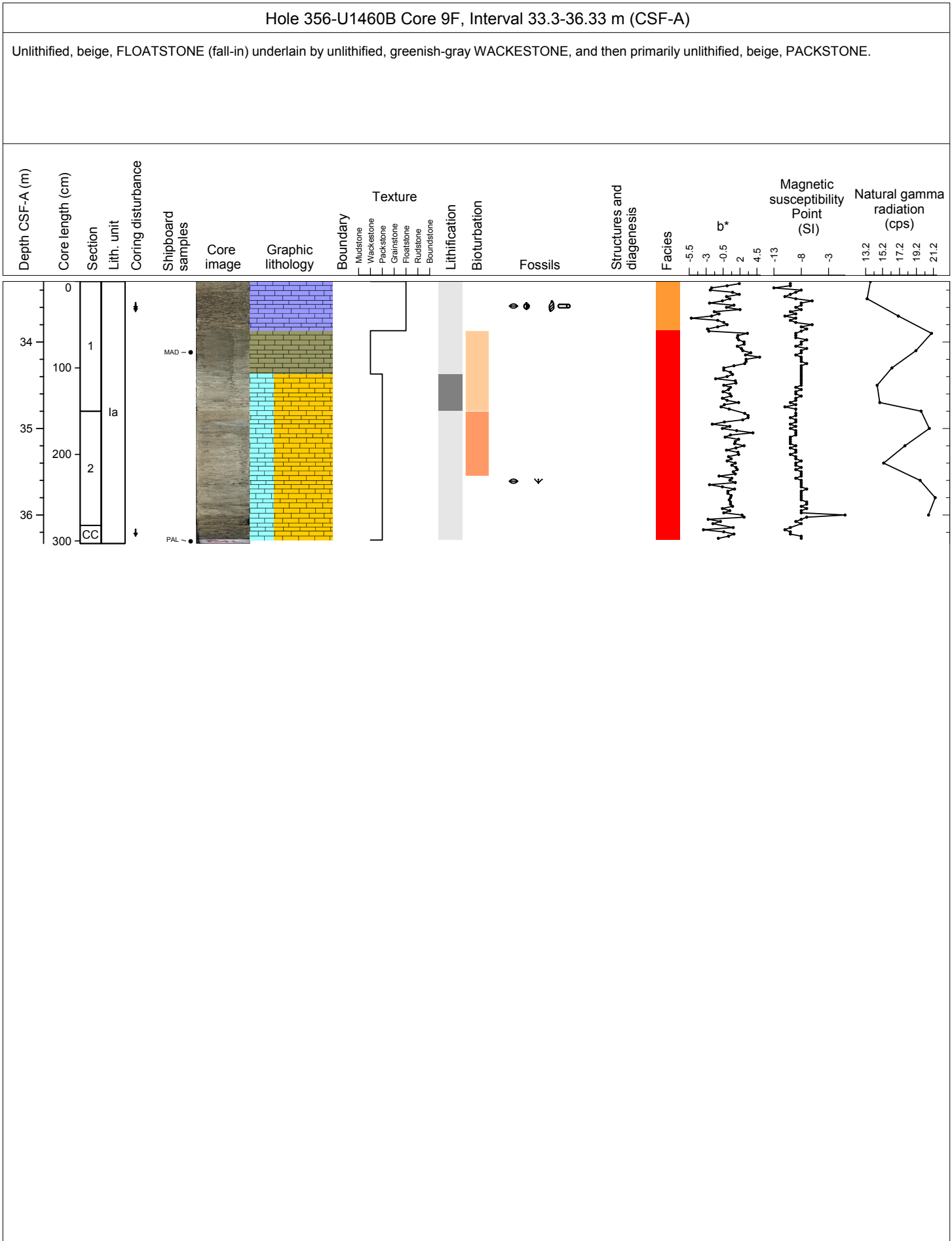




Hole 356-U1460B Core 8F, Interval 28.6-33.09 m (CSF-A)

Unlithified, beige, FLOATSTONE (fall-in) underlain by primarily unlithified, greenish-gray to beige, WACKESTONE and skeletal PACKSTONE. Concretions occur predominantly in the beige packstones.

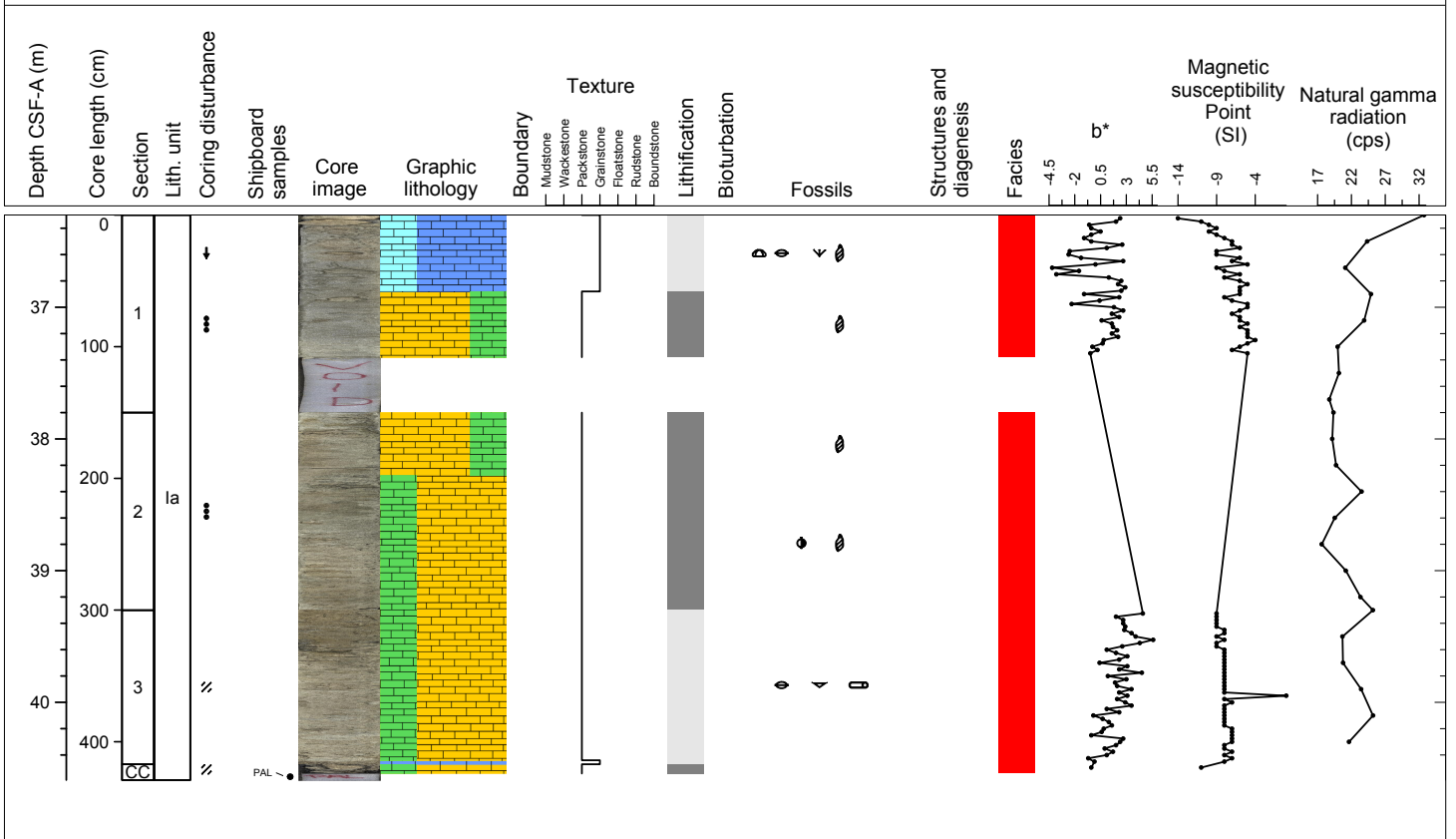






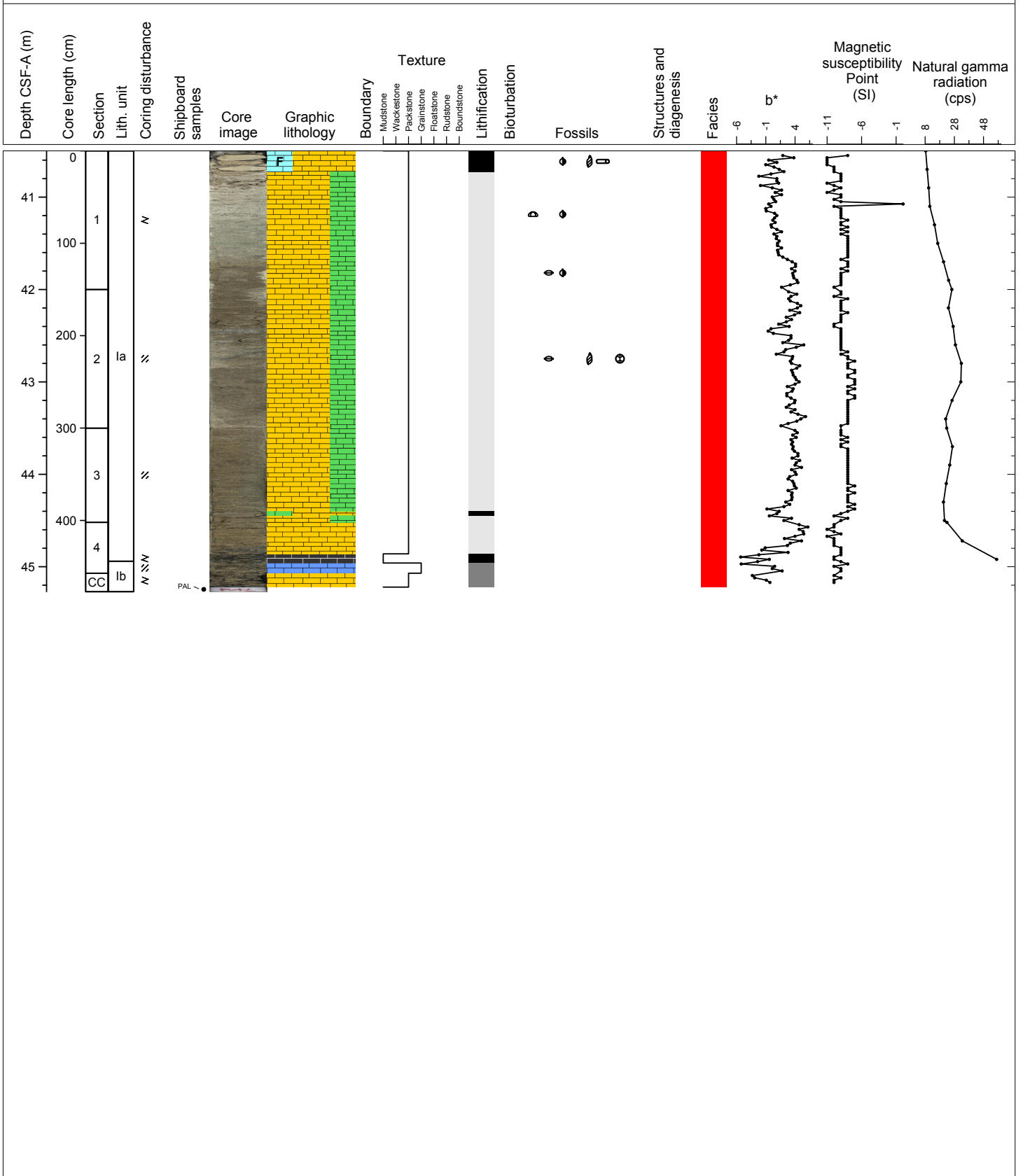
Hole 356-U1460B Core 10F, Interval 36.3-40.59 m (CSF-A)

Unlithified, gray, skeletal, GRAINSTONE (fall-in) underlain by partially-lithified, cream, PACKSTONE with glauconite and gastropods. The cream packstone grades into primarily unlithified, light gray, glauconite-rich, PACKSTONE with bivalves. This cream packstone grades into beige-light gray glauconite-rich packstone with macrofossils (bivalves, gastropods, scaphopods, brachiopods, and small benthic foraminifers).



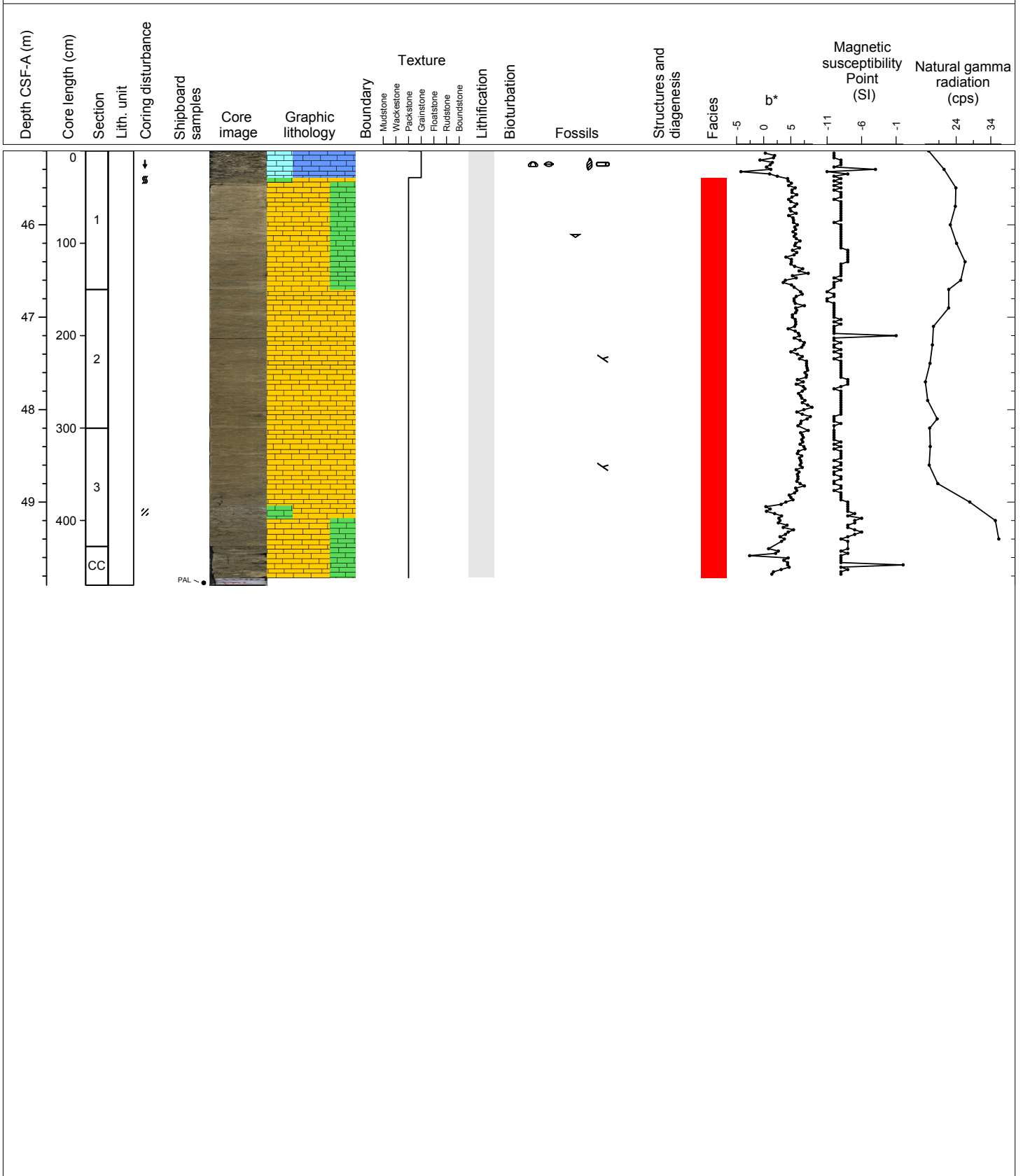
Hole 356-U1460B Core 11F, Interval 40.5-45.27 m (CSF-A)

Lithified, cream, foraminifer-rich, PACKSTONE transitions to primarily unlithified, cream to light greenish-gray to light brown, PACKSTONE with glauconite and macrofossils (bivalves, gastropods, solitary coral, and small benthic foraminifers). In the lower part of the core, there is a cemented interval that is glauconite rich/lithified, dark green, MUDSTONE as well as a partially-lithified, creamy gray GRAINSTONE that becomes a PACKSTONE (which is severely fragmented) at the base of the core.



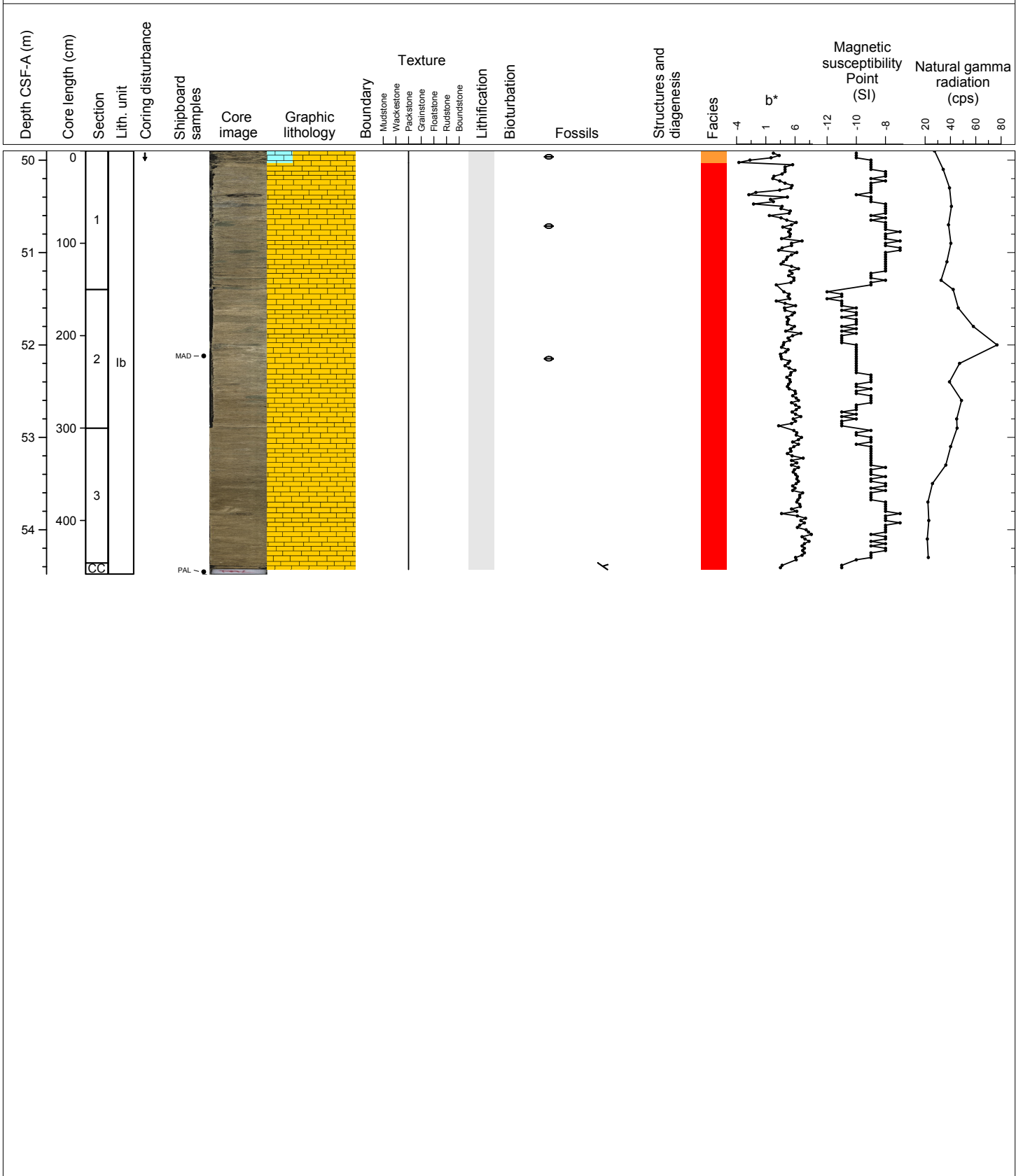
Hole 356-U1460B Core 12F, Interval 45.2-49.9 m (CSF-A)

Unlithified, beige, graded, skeletal, GRAINSTONE (fall-in) underlain by unlithified, dark greenish-gray to brown to creamy gray PACKSTONE with variable glauconite abundance and sponge spicules.



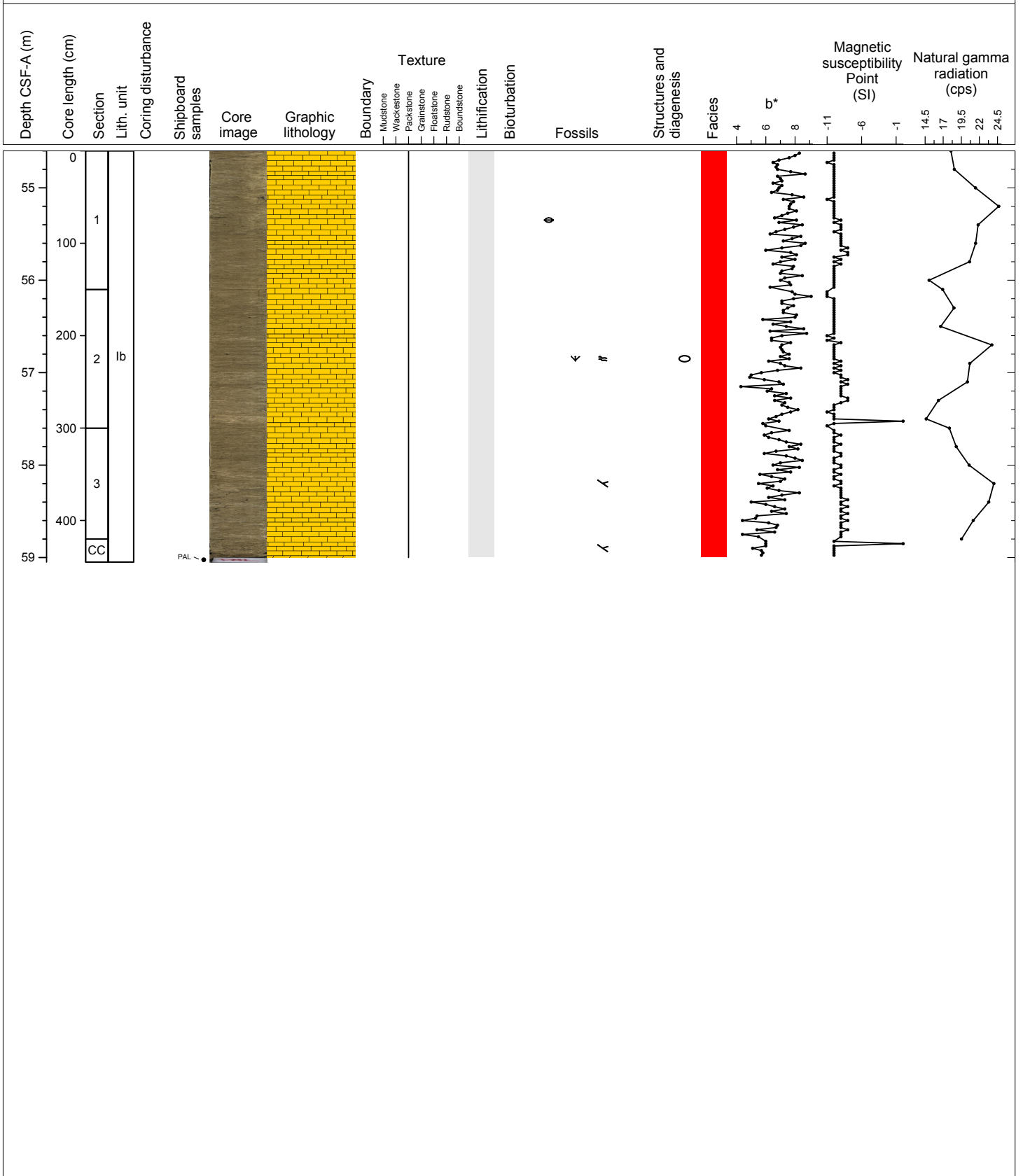
Hole 356-U1460B Core 13F, Interval 49.9-54.48 m (CSF-A)

Unlithified, creamy gray, skeletal, PACKSTONE (fall-in) with bivalve underlain by unlithified, creamy gray, PACKSTONE with scattered glauconite-rich patches and occasional bivalve fragments, a crystalline concretion, and sponge spicules (near the base).



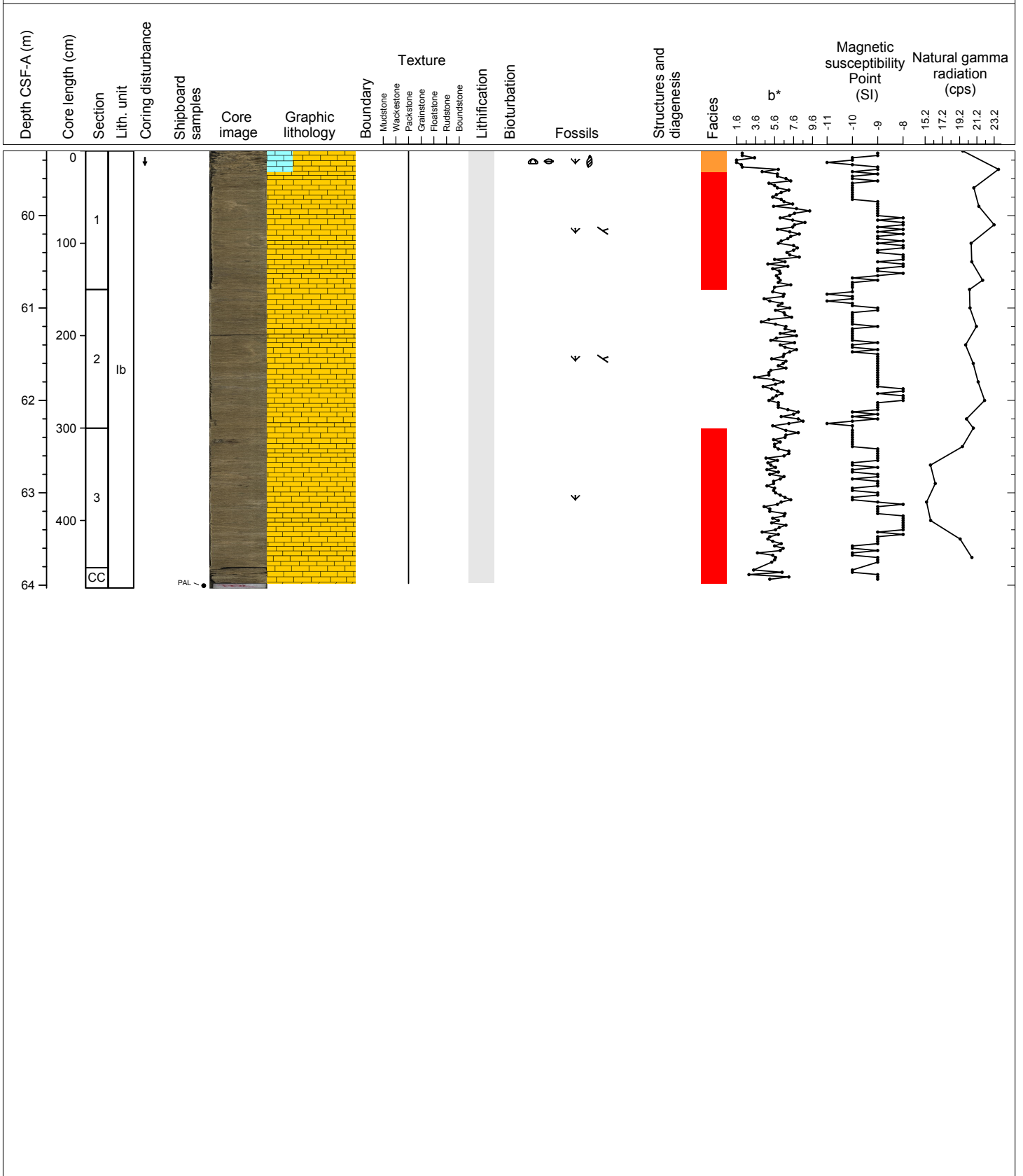
Hole 356-U1460B Core 14F, Interval 54.6-59.05 m (CSF-A)

Unlithified, beige, PACKSTONE with a few small crystalline concretions and occasional macrofossils.



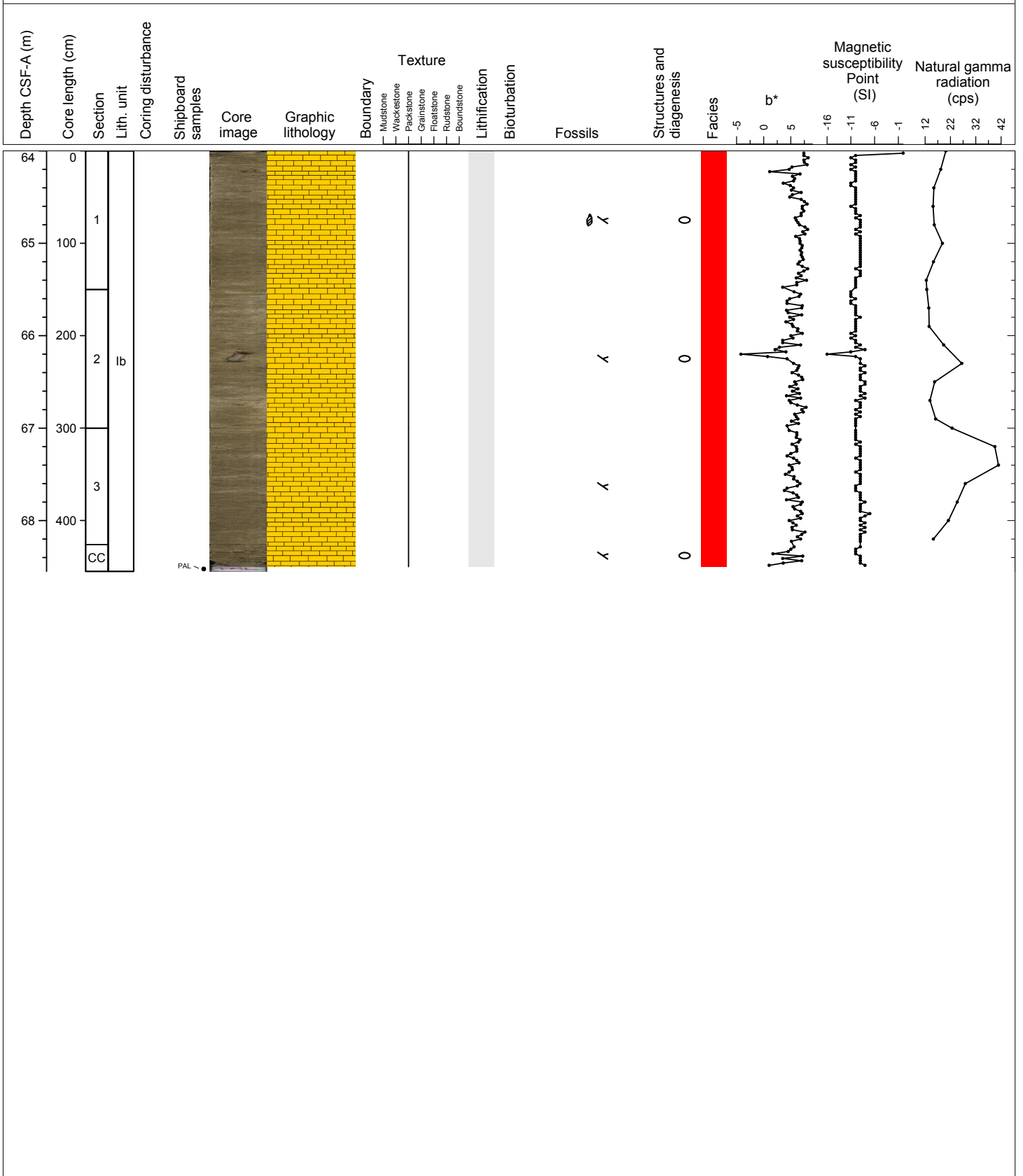
Hole 356-U1460B Core 15F, Interval 59.3-64.03 m (CSF-A)

Unlithified, cream, skeletal, PACKSTONE (fall-in) underlain by unlithified, beige to brown, PACKSTONE with a occasional small green/glaucanite patches, bryozoans, and sponge spicules.



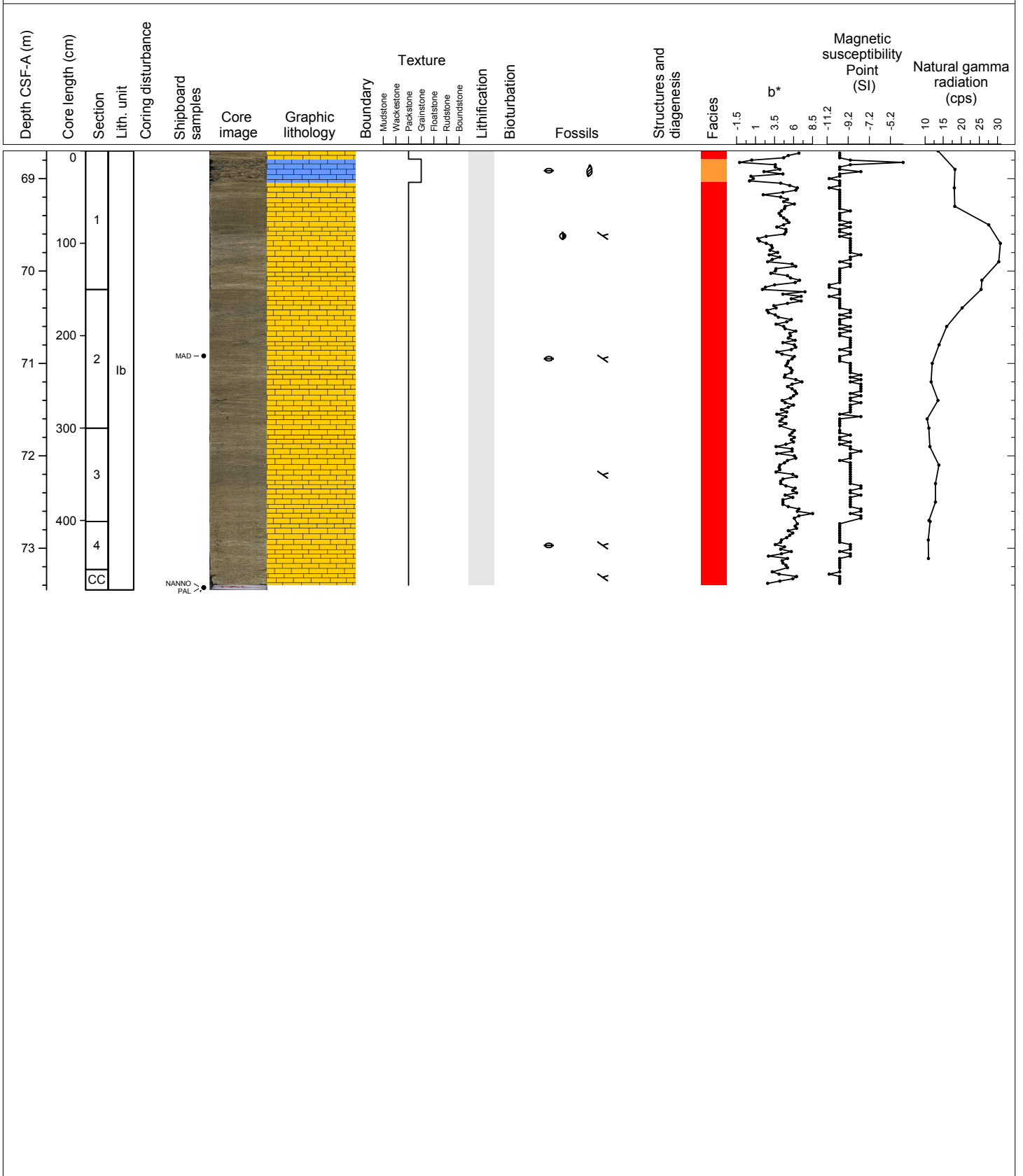
Hole 356-U1460B Core 16F, Interval 64.0-68.55 m (CSF-A)

Unlithified, light brown to light blueish gray, PACKSTONE with sponge spicules and a tubular concretion at 70-79 cm.



Hole 356-U1460B Core 17F, Interval 68.7-73.45 m (CSF-A)

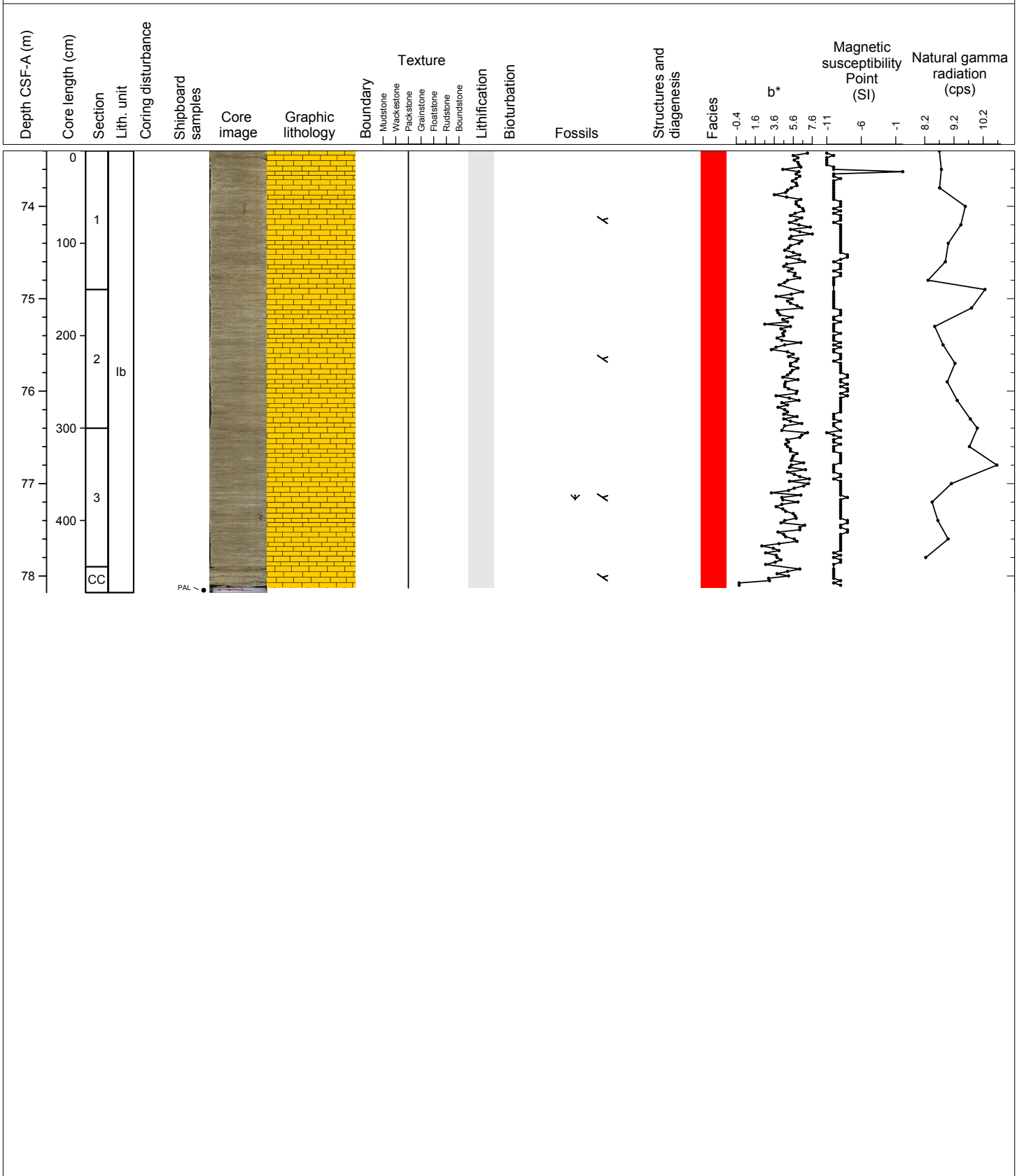
Unlithified, light gray, PACKSTONE underlain by unlithified, creamy gray, GRAINSTONE (fall-in), and then unlithified, light grayish-green to light brown, PACKSTONE with sparse glauconite grains and sponge spicules.





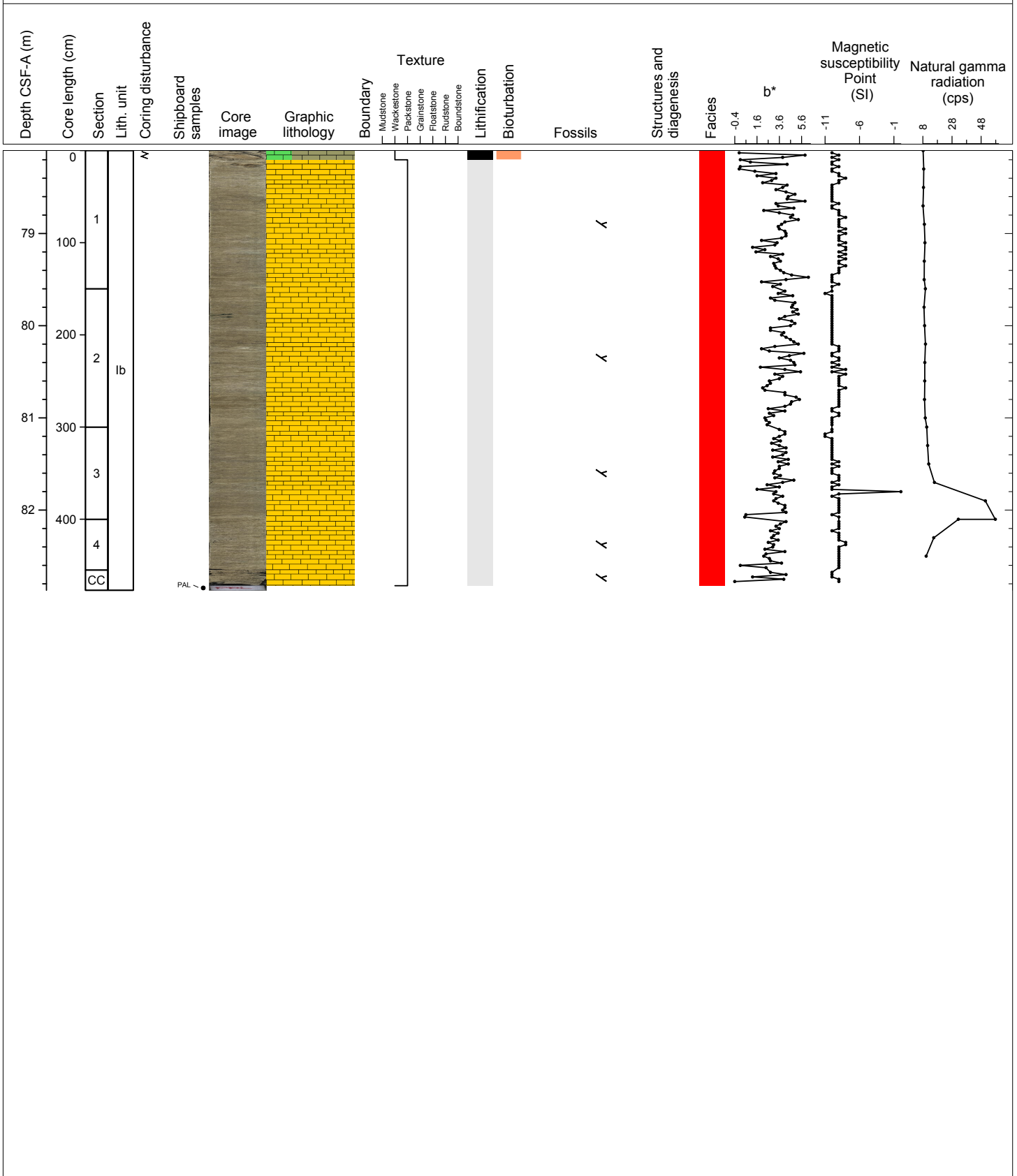
Hole 356-U1460B Core 18F, Interval 73.4-78.18 m (CSF-A)

Unlithified, light gray, PACKSTONE with sponge spicules.



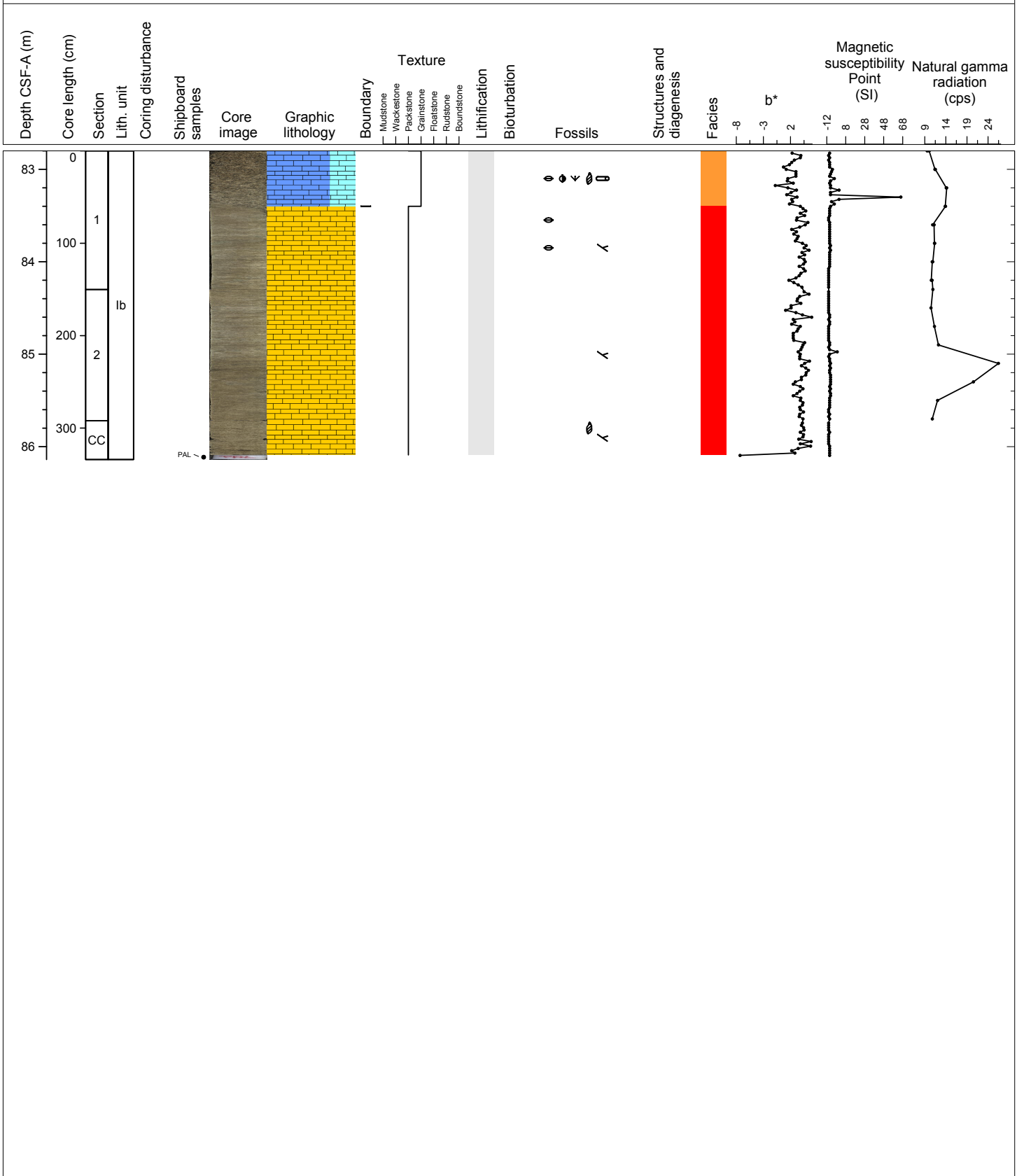
Hole 356-U1460B Core 19F, Interval 78.1-82.87 m (CSF-A)

Lithified, creamy gray, WACKESTONE with bioeroded cavities filled with lithified material underlain by unlithified, beige, PACKSTONE with sponge spicules; then unlithified beige packstone with sponge spicules and rare dark green glauconite-rich spots.



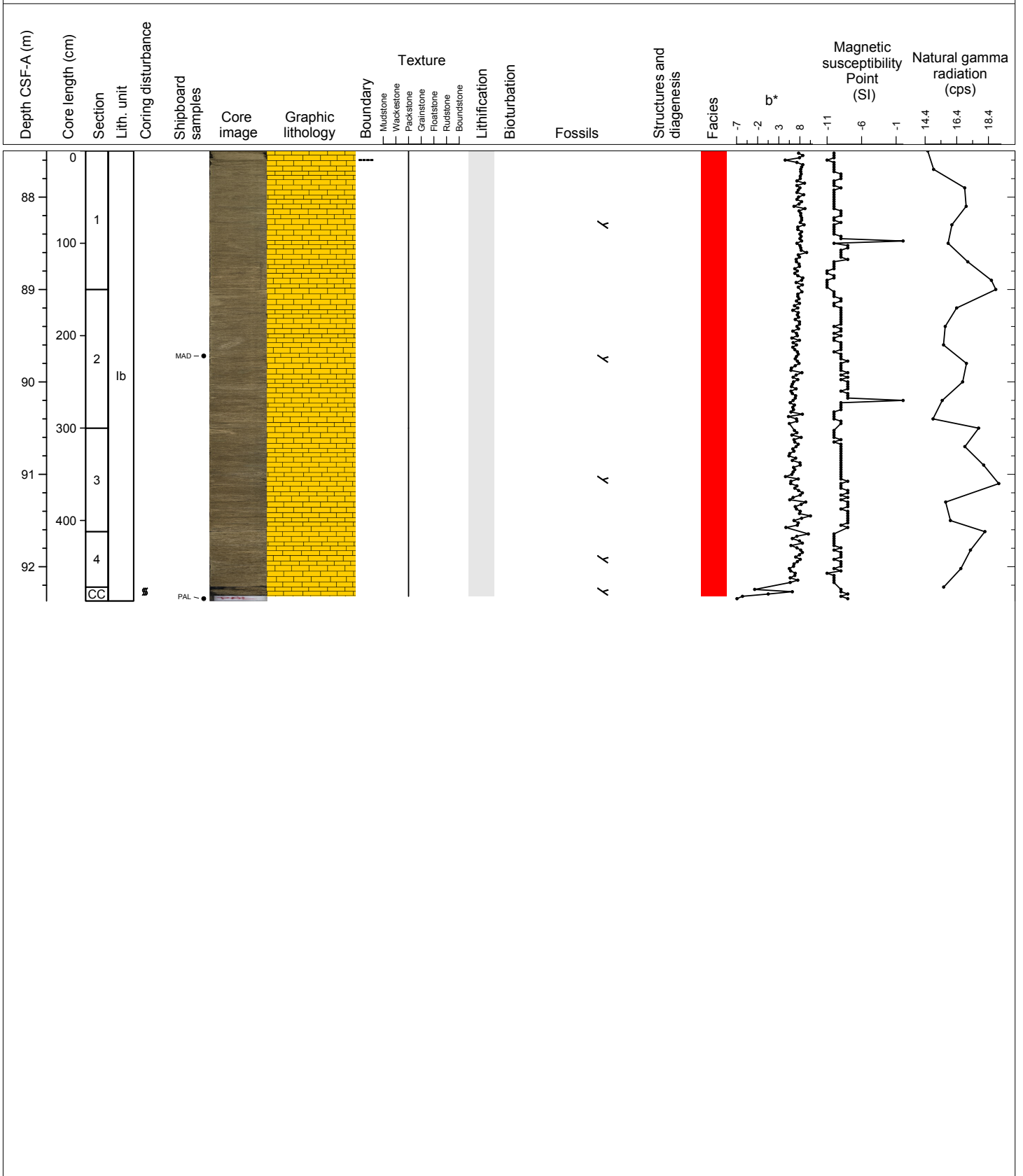
Hole 356-U1460B Core 20F, Interval 82.8-86.14 m (CSF-A)

Unlithified, brown, gravel-sized, graded, GRAINSTONE (fall-in) with macrofossils (bryozoa, foraminifers, gastropods, bivalves, and scaphopods) underlain by unlithified, light gray, PACKSTONE with abundant sponge spicules and a few bivalve fragments.



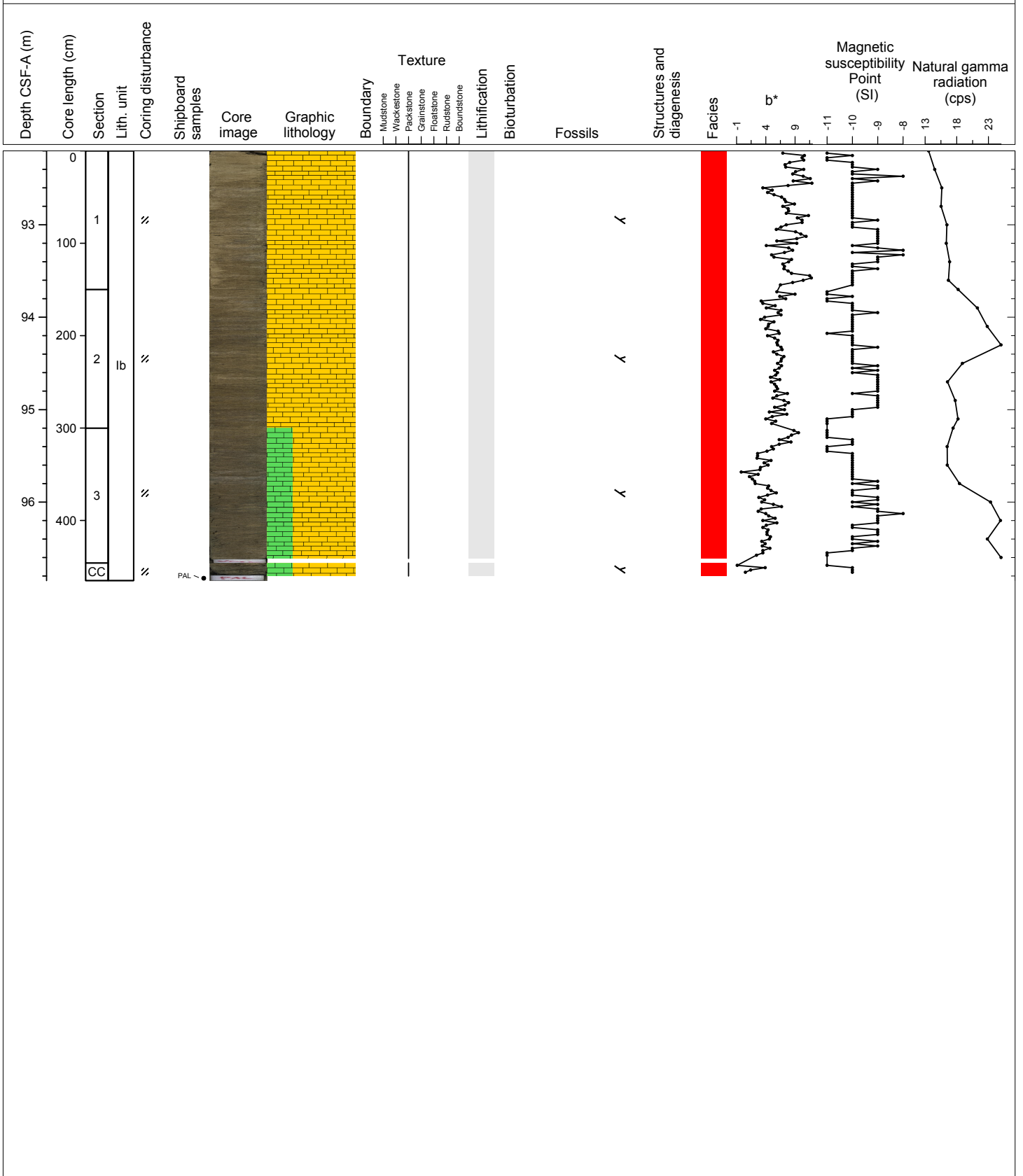
Hole 356-U1460B Core 21F, Interval 87.5-92.37 m (CSF-A)

Unlithified, beige, PACKSTONE with sponge spicules.



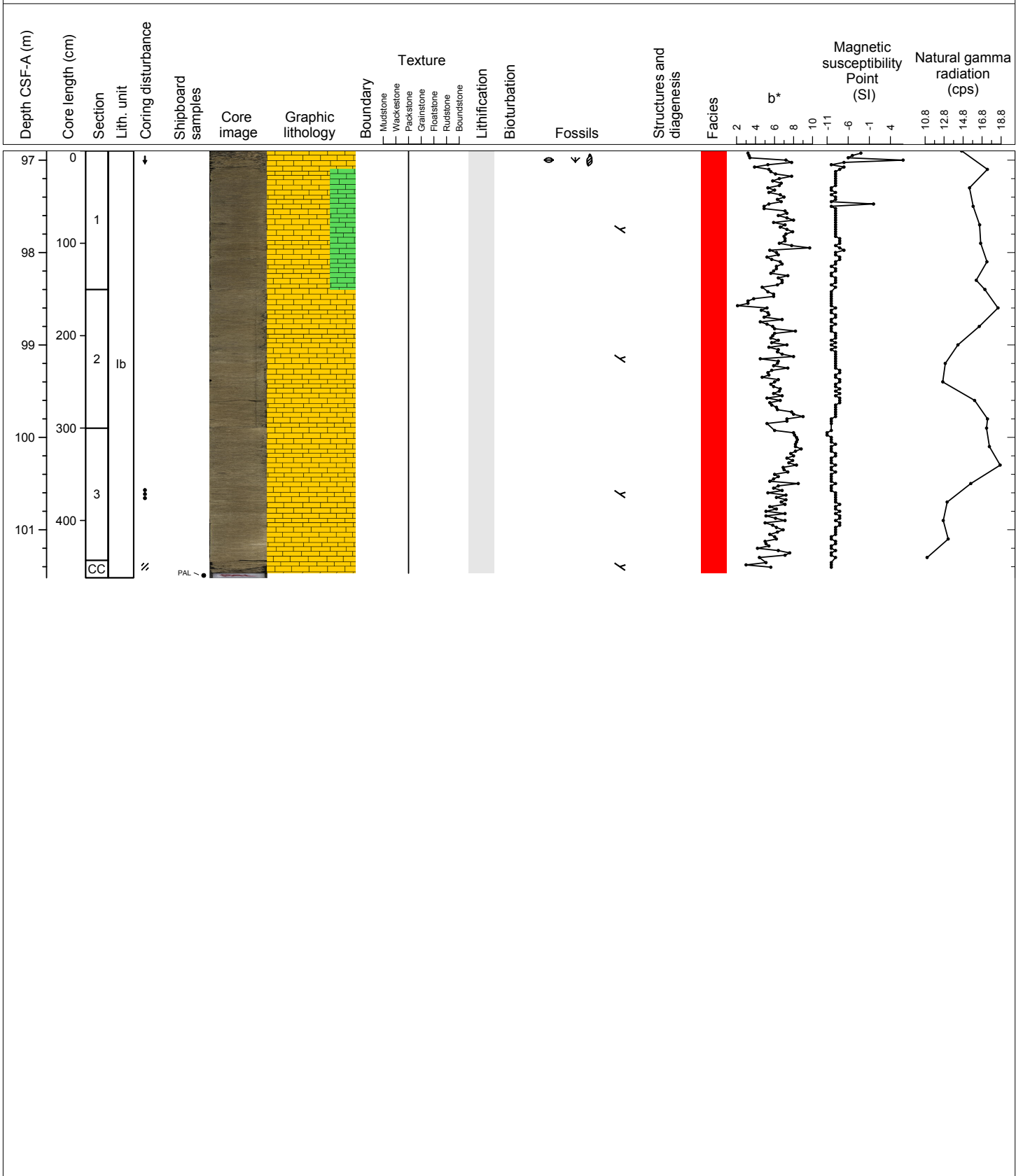
Hole 356-U1460B Core 22F, Interval 92.2-96.85 m (CSF-A)

Homogenous, un lithified, beige, PACKSTONE with sponge spicules and glauconite becomes light brown, then light greenish gray with depth.



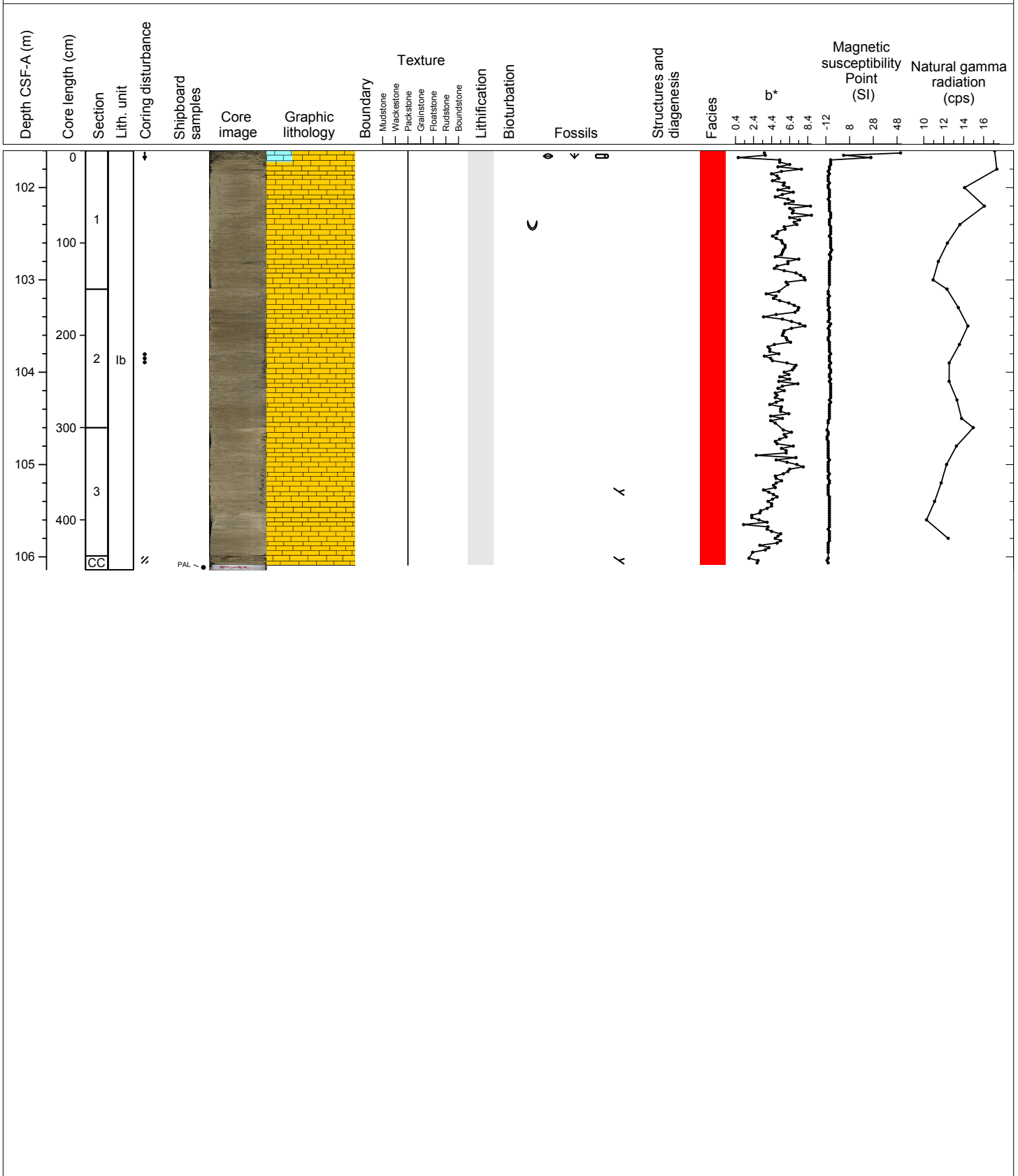
Hole 356-U1460B Core 23F, Interval 96.9-101.52 m (CSF-A)

Unlithified, light greenish-gray, grave-sized, PACKSTONE (fall-in) with macrofossils (bivalves, gastropods, and bryozoans) and lithic grains (glauconite and cemented carbonates) underlain by unlithified, light brown to beige, homogeneous, PACKSTONE with glauconite (disappears with depth) and sponge spicules.



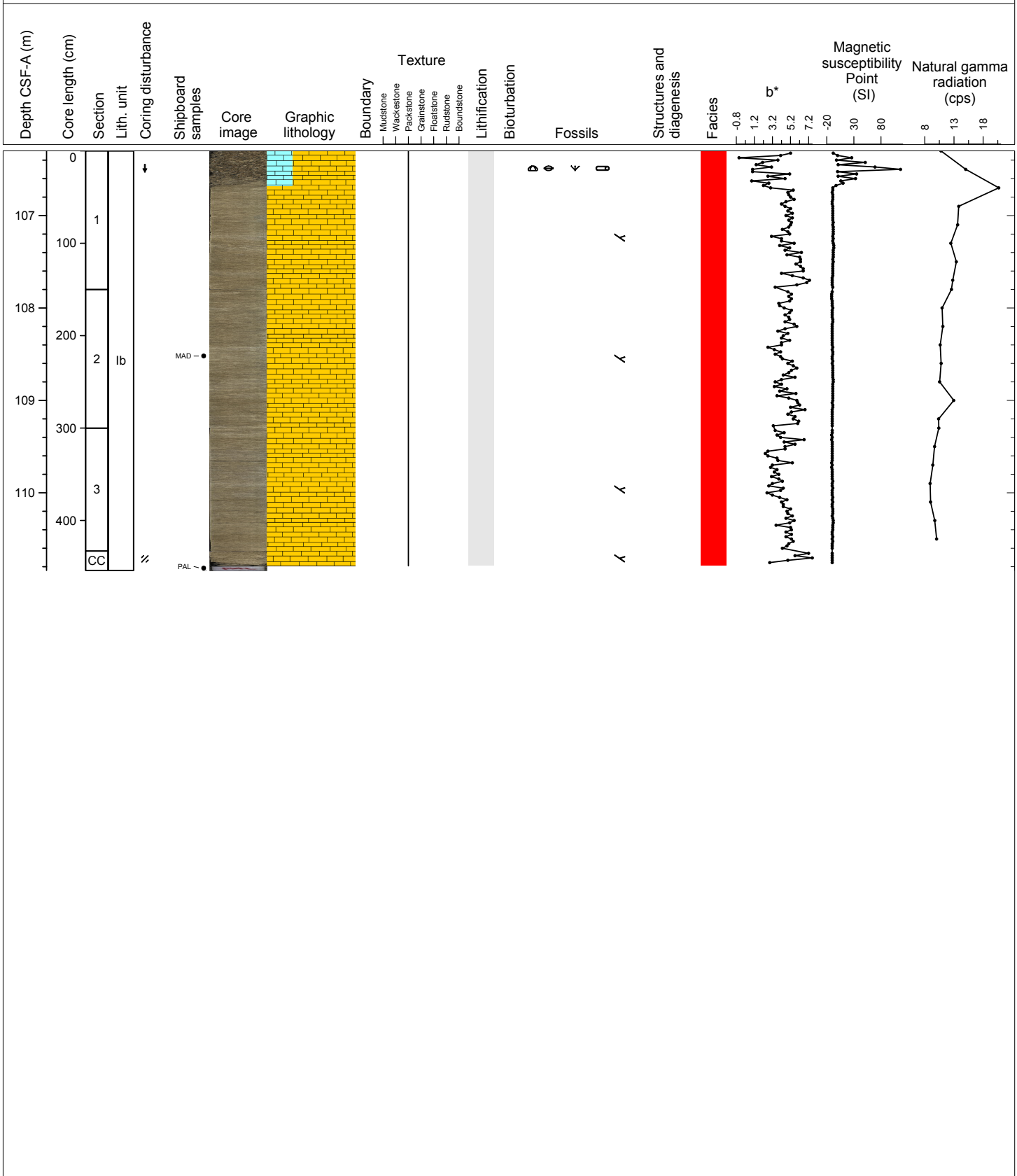
Hole 356-U1460B Core 24F, Interval 101.6-106.14 m (CSF-A)

Unlithified, light greenish-gray, gravel-sized, PACKSTONE (fall-in) with abundant lithic grains (glauconite, carbonates) and macrofossils (bivalves, bryozoans, and scaphopods) underlain by homogenous, unlithified, beige to light greenish-gray, PACKSTONE with some glauconite and sponge spicules.



Hole 356-U1460B Core 25F, Interval 106.3-110.84 m (CSF-A)

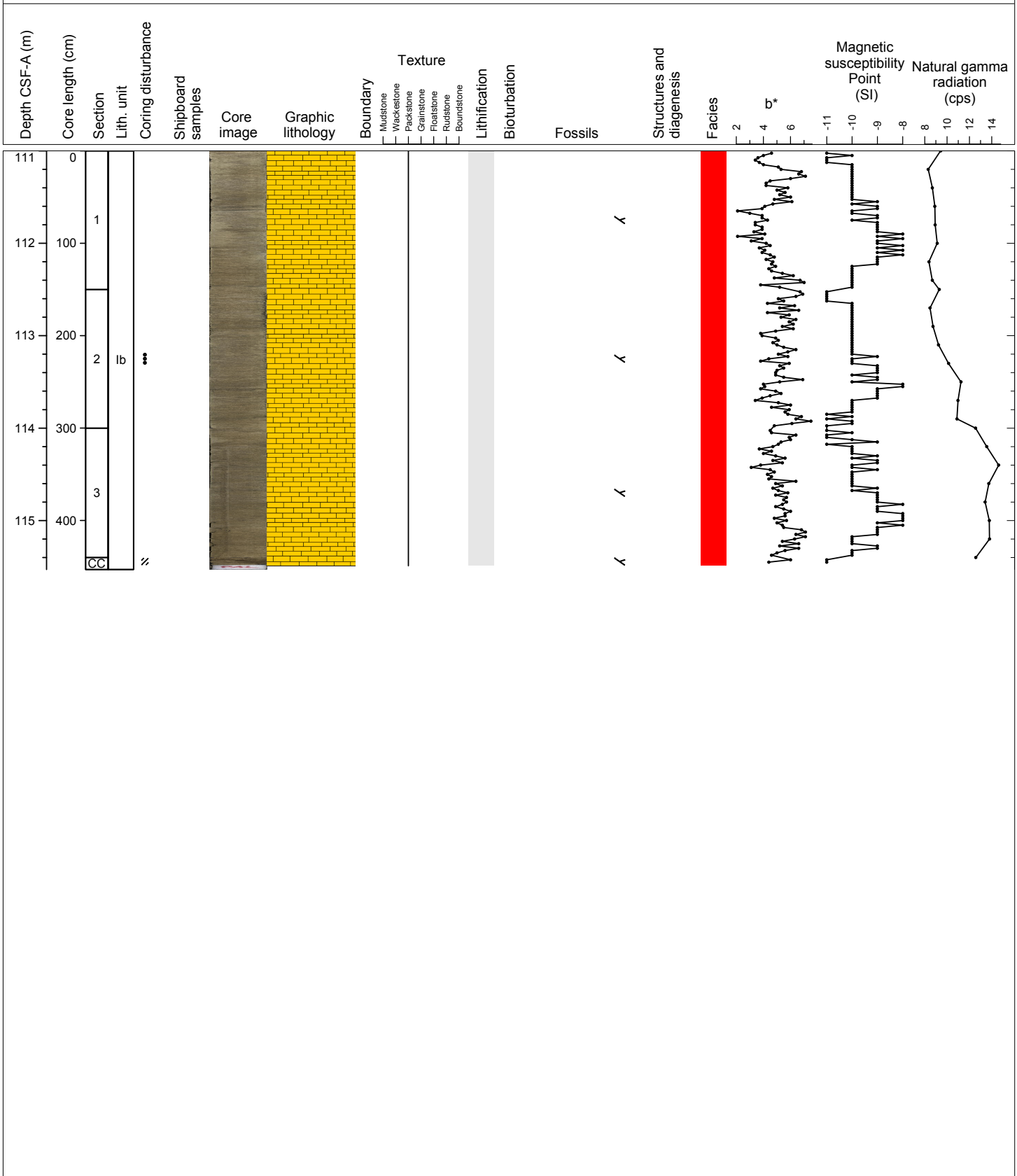
Unlithified, light greenish-gray, gravel-sized, skeletal, PACKSTONE with macrofossils (bivalves, scaphopods, bryozoans, and echinoderms) and lithic grains (glauconite and cemented carbonates) underlain by homogenous, unlithified, beige, PACKSTONE with sponge spicules.





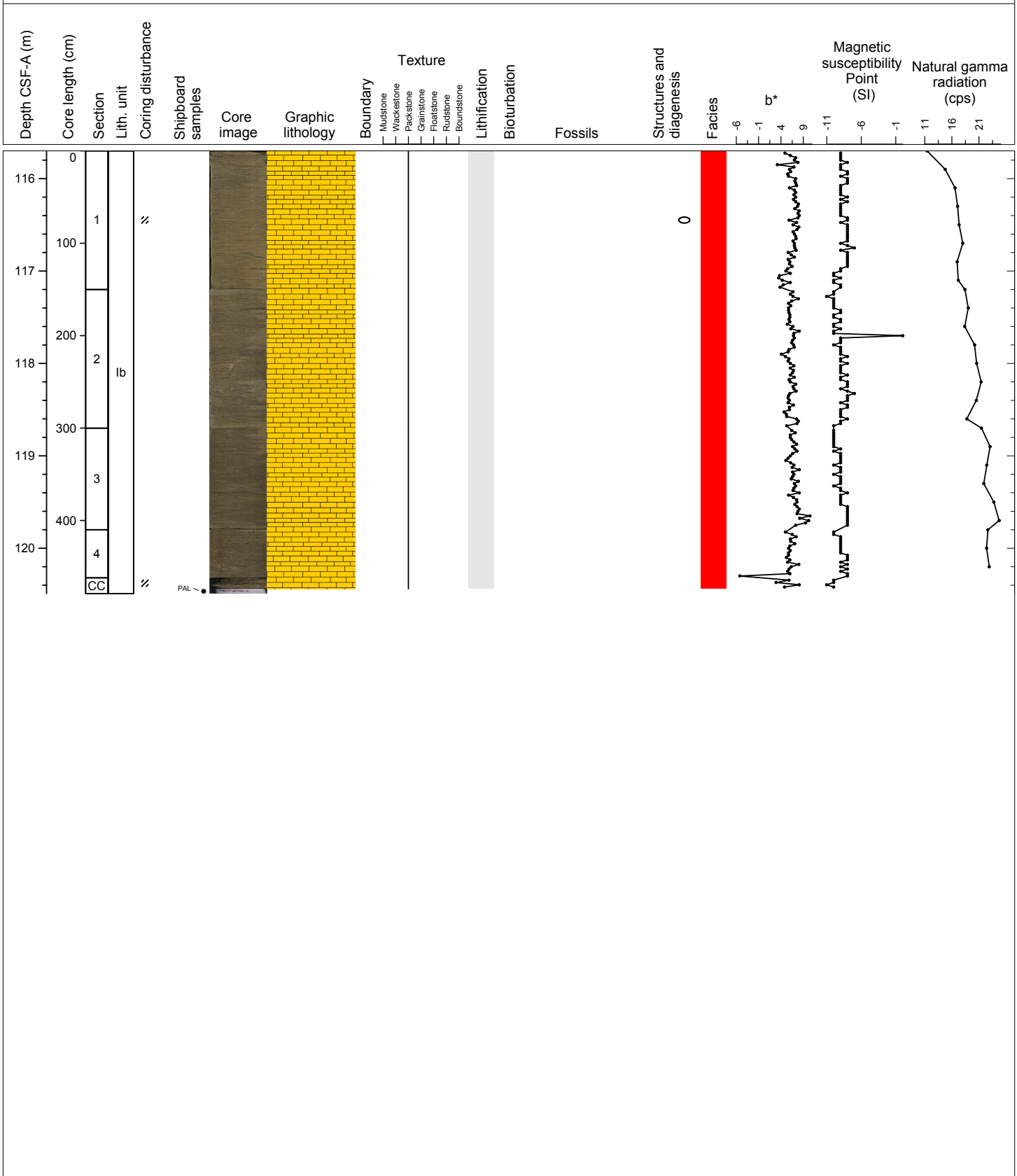
Hole 356-U1460B Core 26F, Interval 111.0-115.53 m (CSF-A)

Homogenous, un lithified, beige, PACKSTONE with sponge spicules and occasional glauconite.



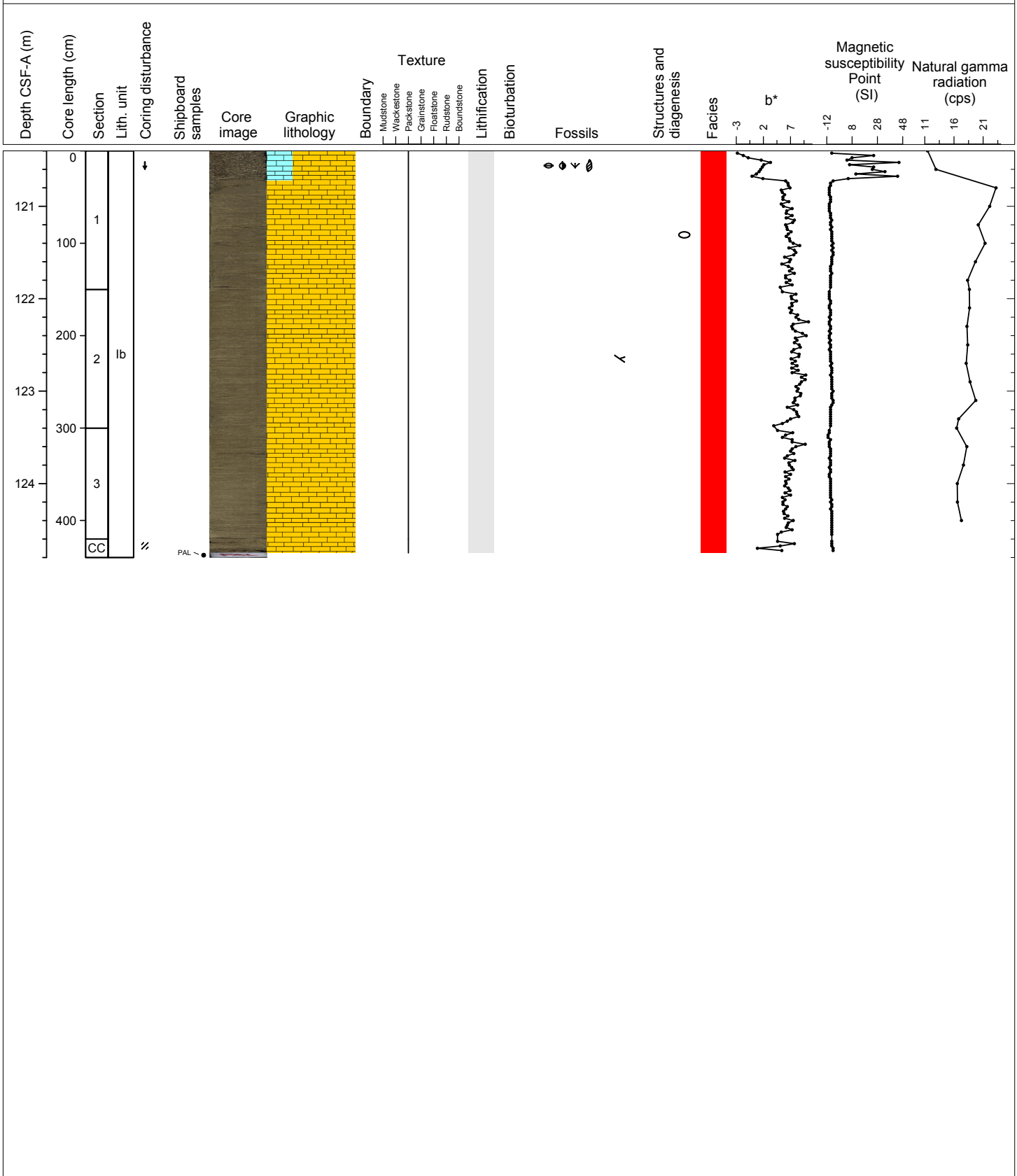
Hole 356-U1460B Core 27F, Interval 115.7-120.49 m (CSF-A)

Homogenous, un lithified, beige, PACKSTONE with spare sponge spicules and disseminated glauconite.



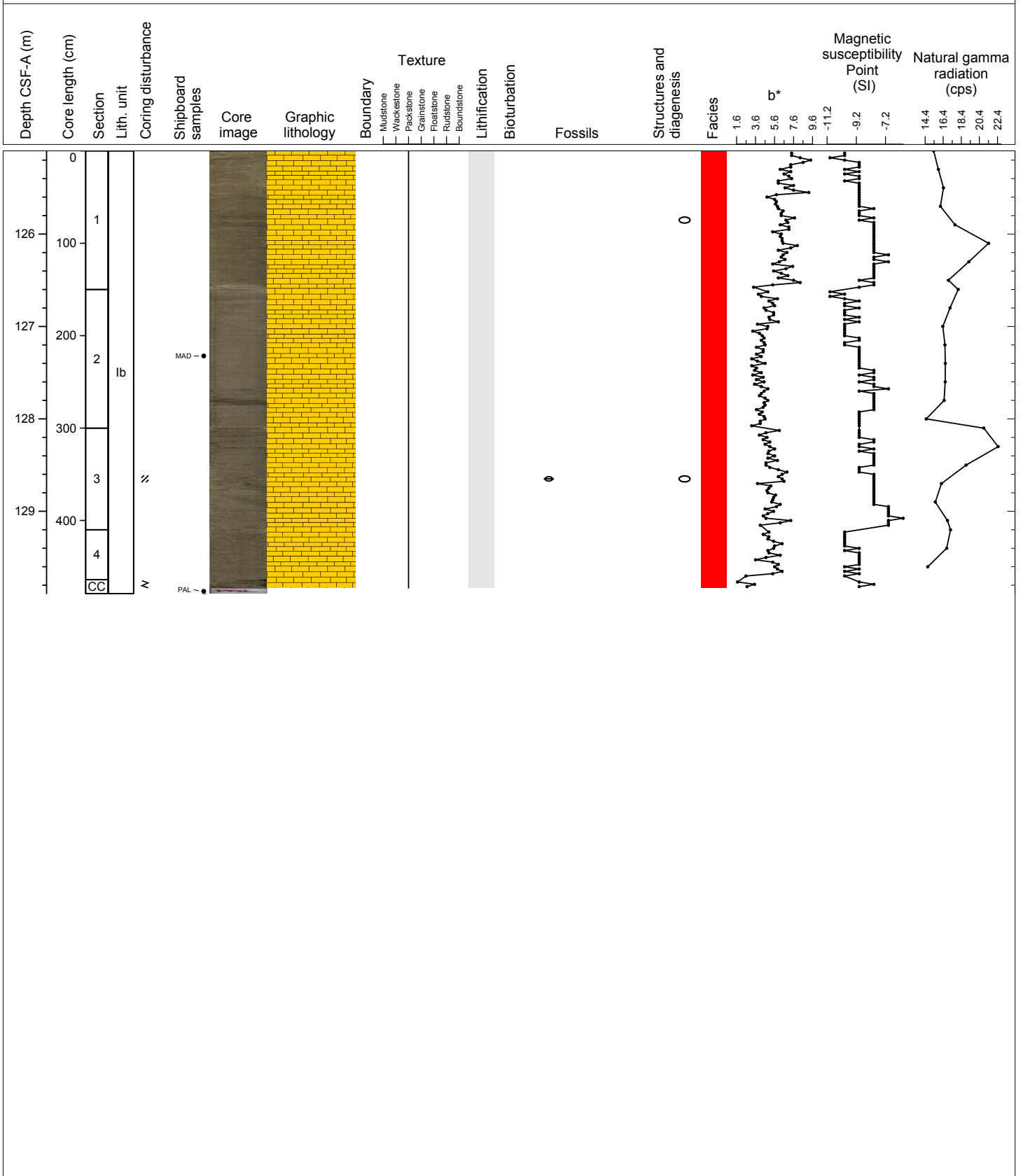
Hole 356-U1460B Core 28F, Interval 120.4-124.8 m (CSF-A)

Unlithified, light greenish-gray, gravel-sized, skeletal, PACKSTONE (fall-in) with macrofossils (bivalves, gastropods, bryozoans, and small benthic foraminifers) and lithic grains (glauconite and micrite) underlain by homogenous, unlithified, beige, PACKSTONE with rare sponge spicules and a glauconite concretion.



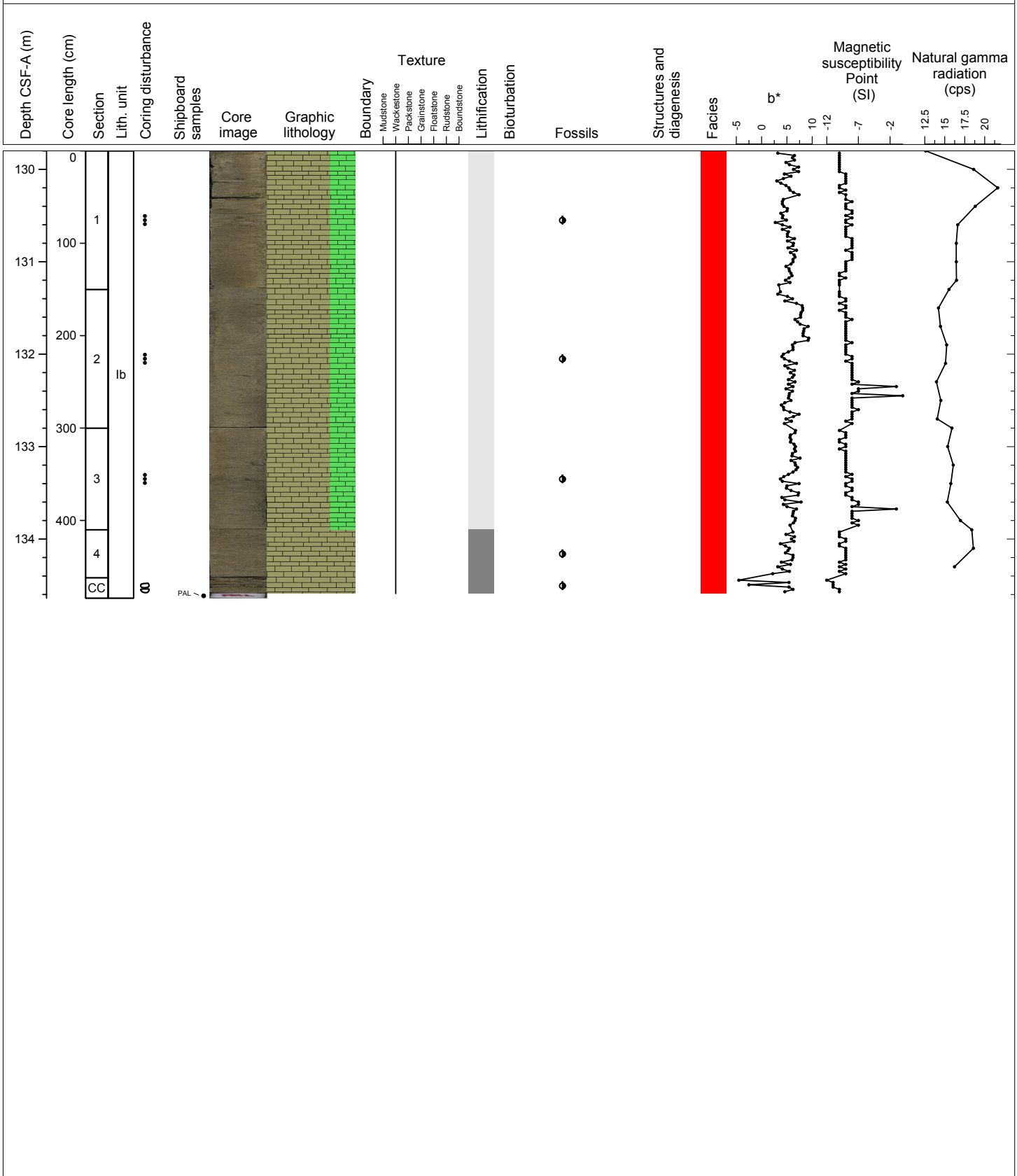
Hole 356-U1460B Core 29F, Interval 125.1-129.89 m (CSF-A)

Homogenous, un lithified, beige, PACKSTONE with concretions, glauconite, rare sponge spicules, and some benthic foraminifers.



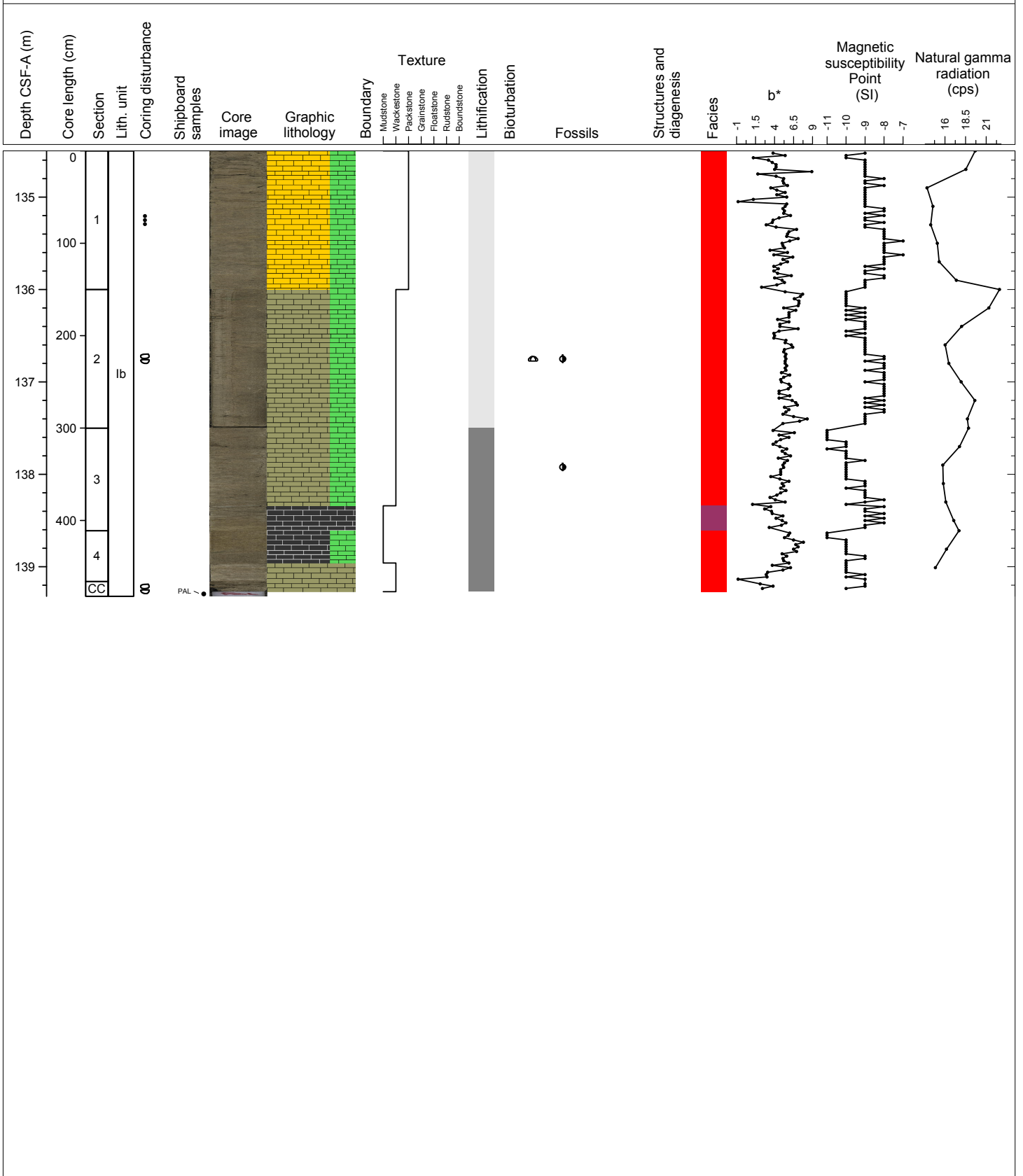
Hole 356-U1460B Core 30F, Interval 129.8-134.64 m (CSF-A)

Unlithified to partially-lithified, beige, PACKSTONE with small benthic foraminifers and sporadic glauconite-rich patches throughout the core.



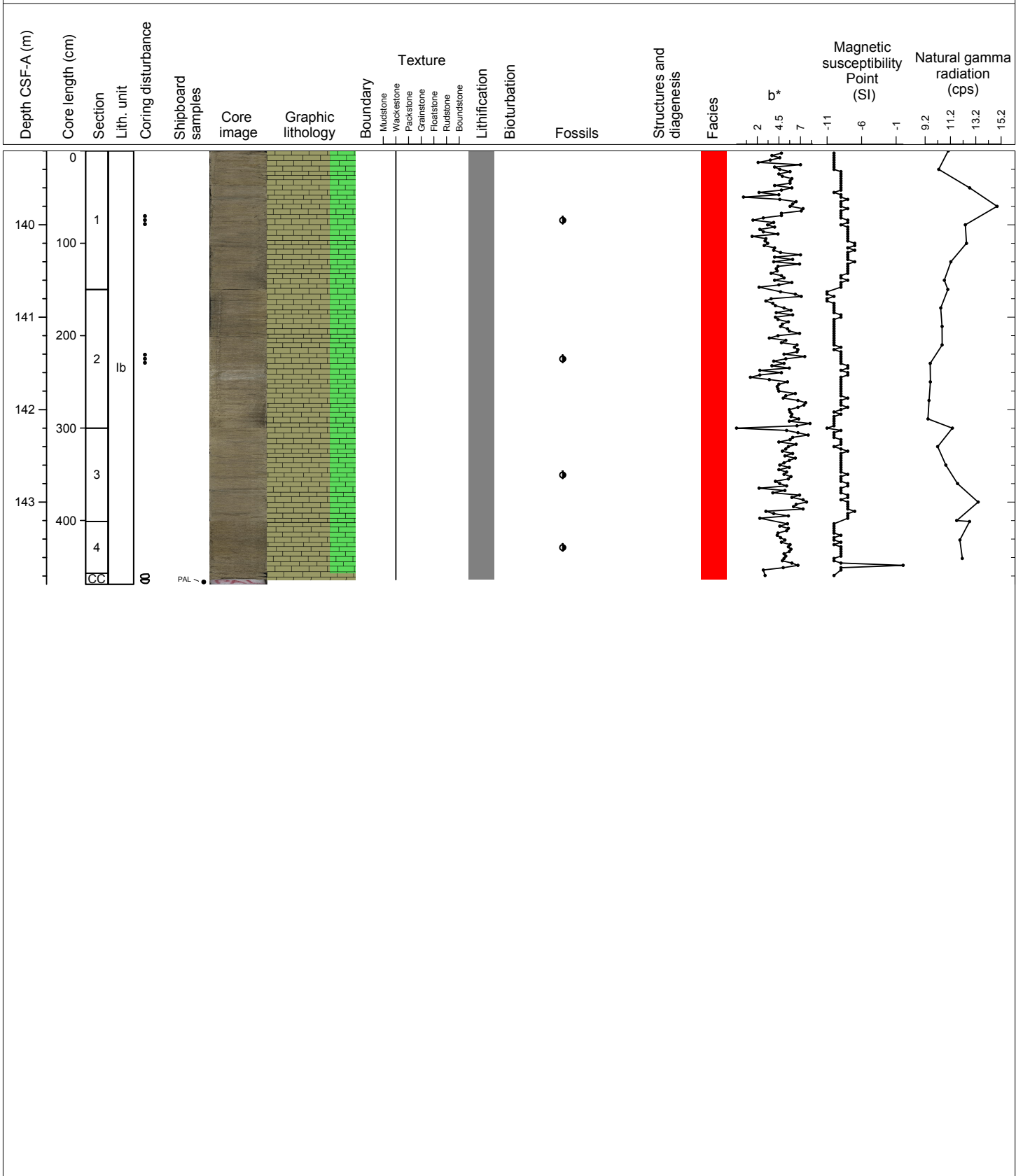
Hole 356-U1460B Core 31F, Interval 134.5-139.32 m (CSF-A)

Primarily unlitified to partially lithified, light brown, MUDSTONE to WACKESTONE with small benthic foraminifers and sporadic glauconite-rich patches.



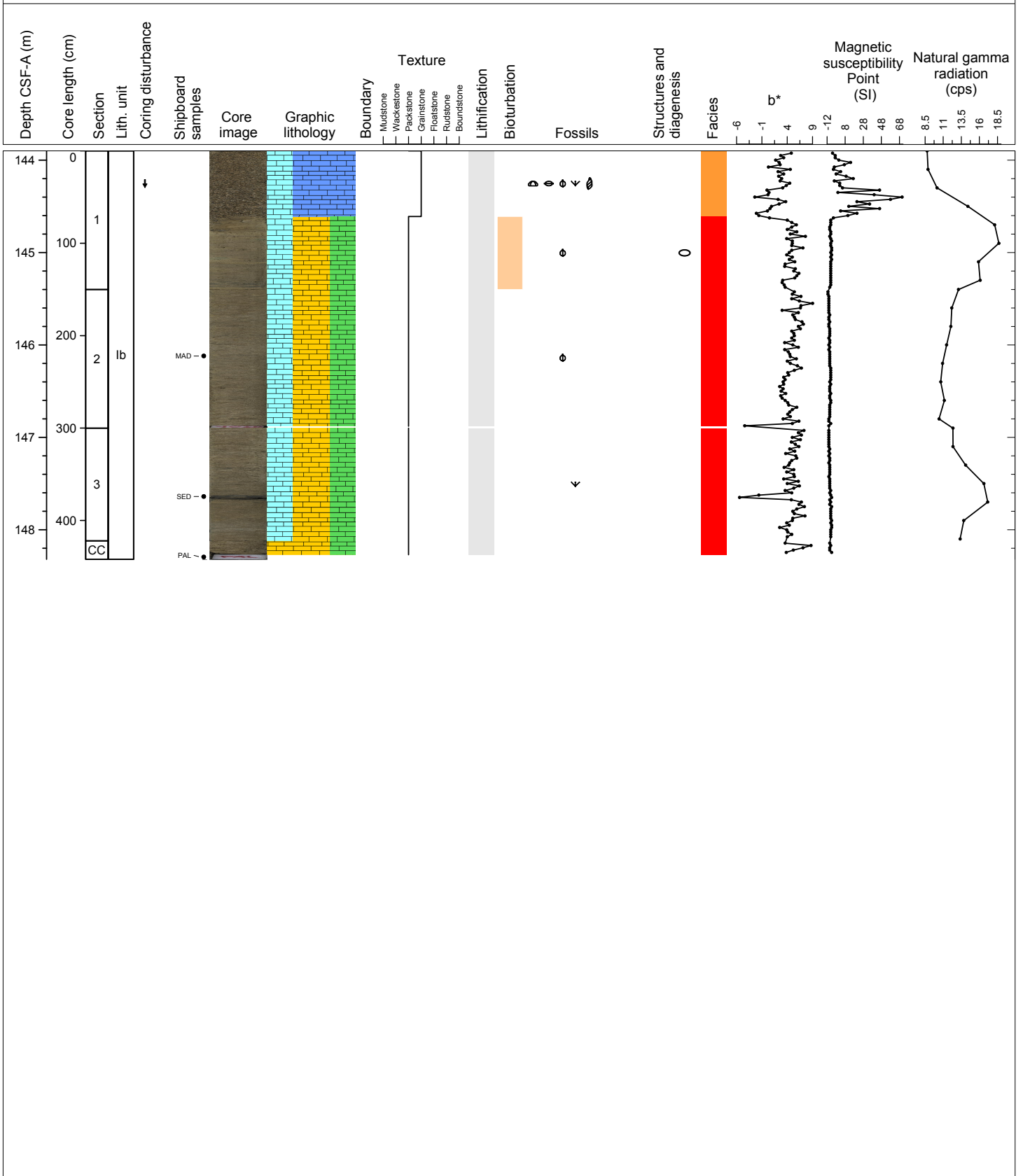
Hole 356-U1460B Core 32F, Interval 139.2-143.89 m (CSF-A)

Homogenous, partially lithified, light brown, WACKESTONE with small benthic foraminifers and sporadic glauconite-rich patches.



Hole 356-U1460B Core 33F, Interval 143.9-148.32 m (CSF-A)

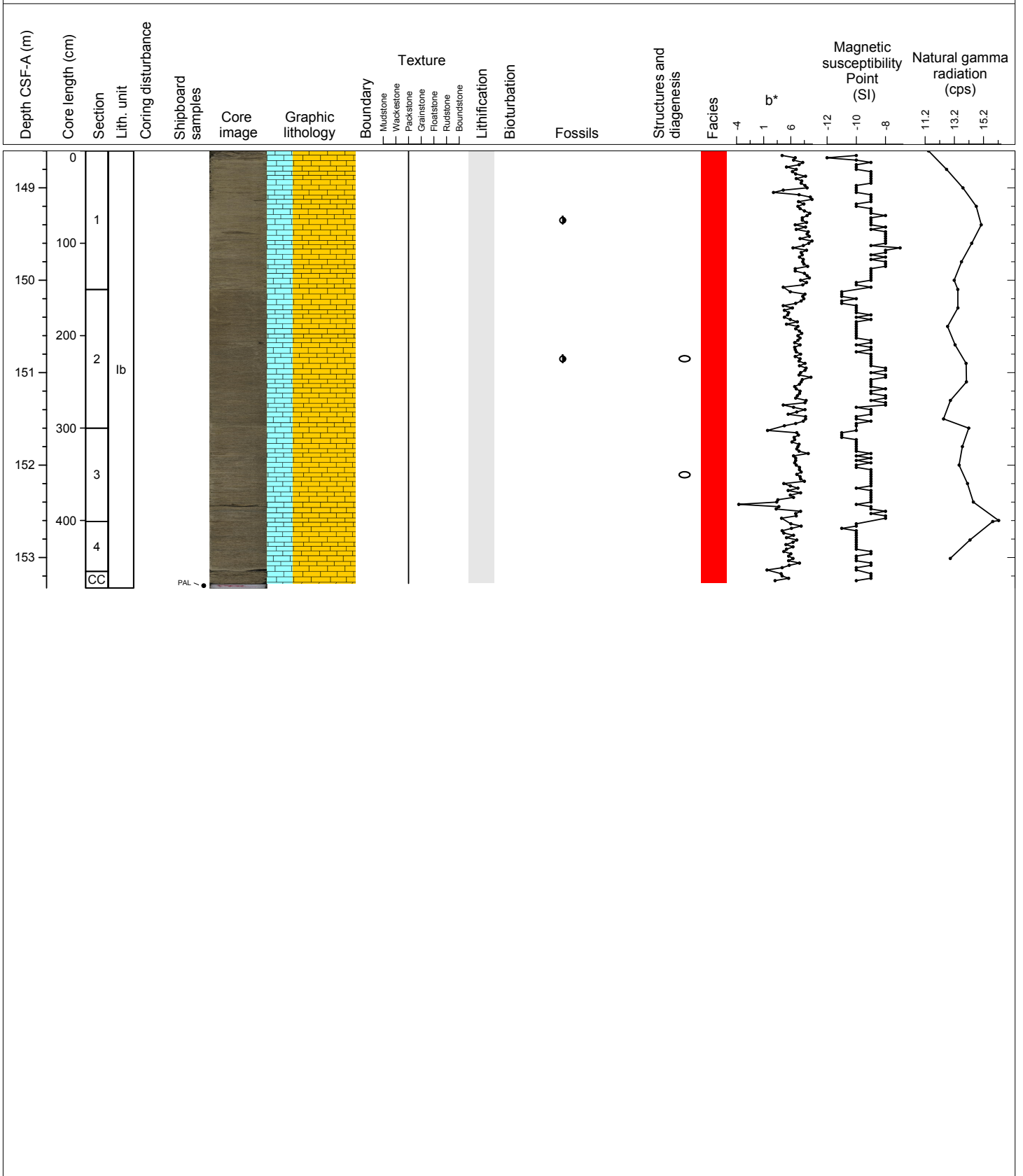
Unlithified, beige, skeletal, GRAINSTONE (fall-in) underlain by unlithified, beige, skeletal, PACKSTONE with patchy glauconite and rare macrofossils.





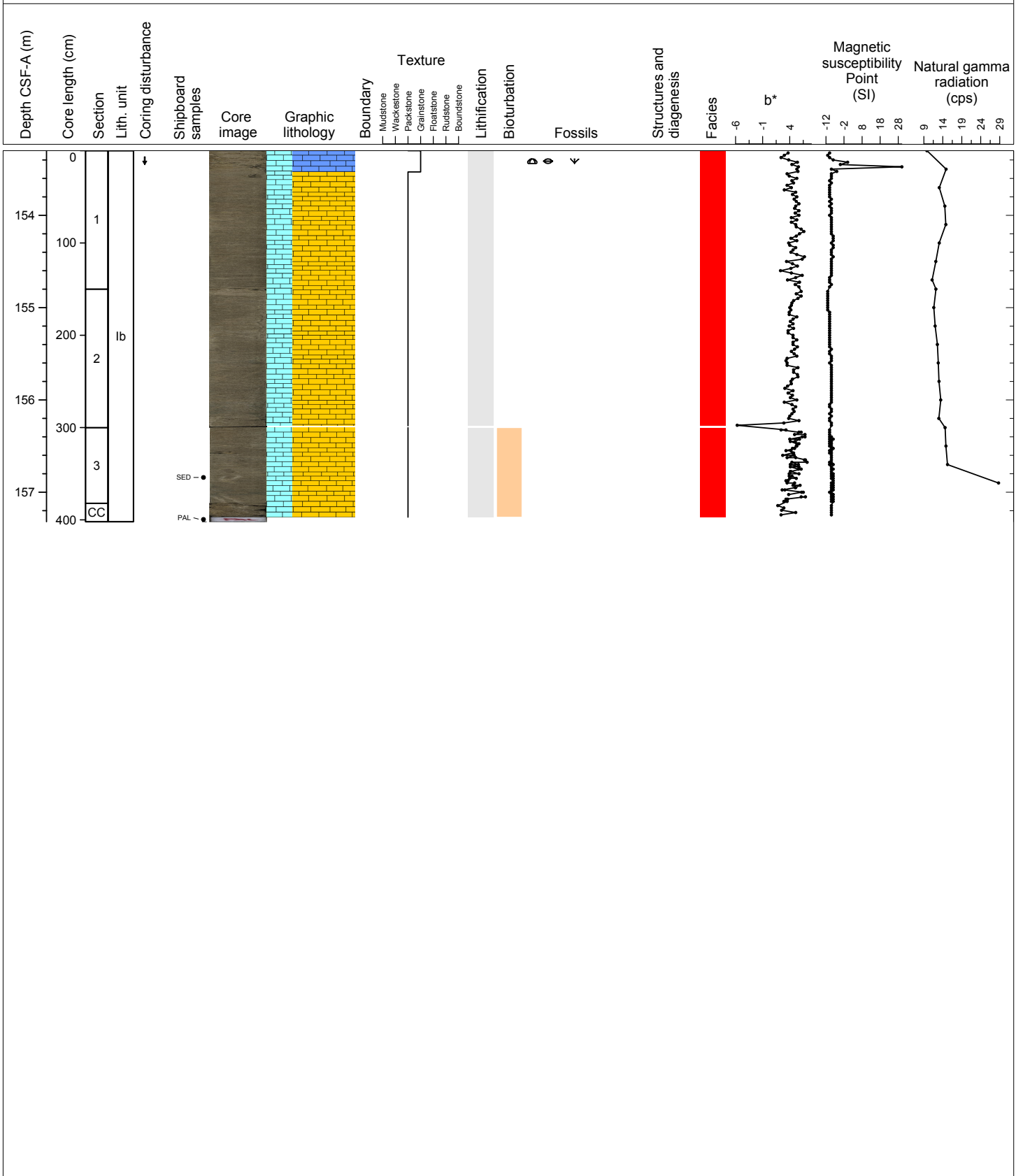
Hole 356-U1460B Core 34F, Interval 148.6-153.33 m (CSF-A)

Unlithified, beige, skeletal, PACKSTONE with some small benthic foraminifers.



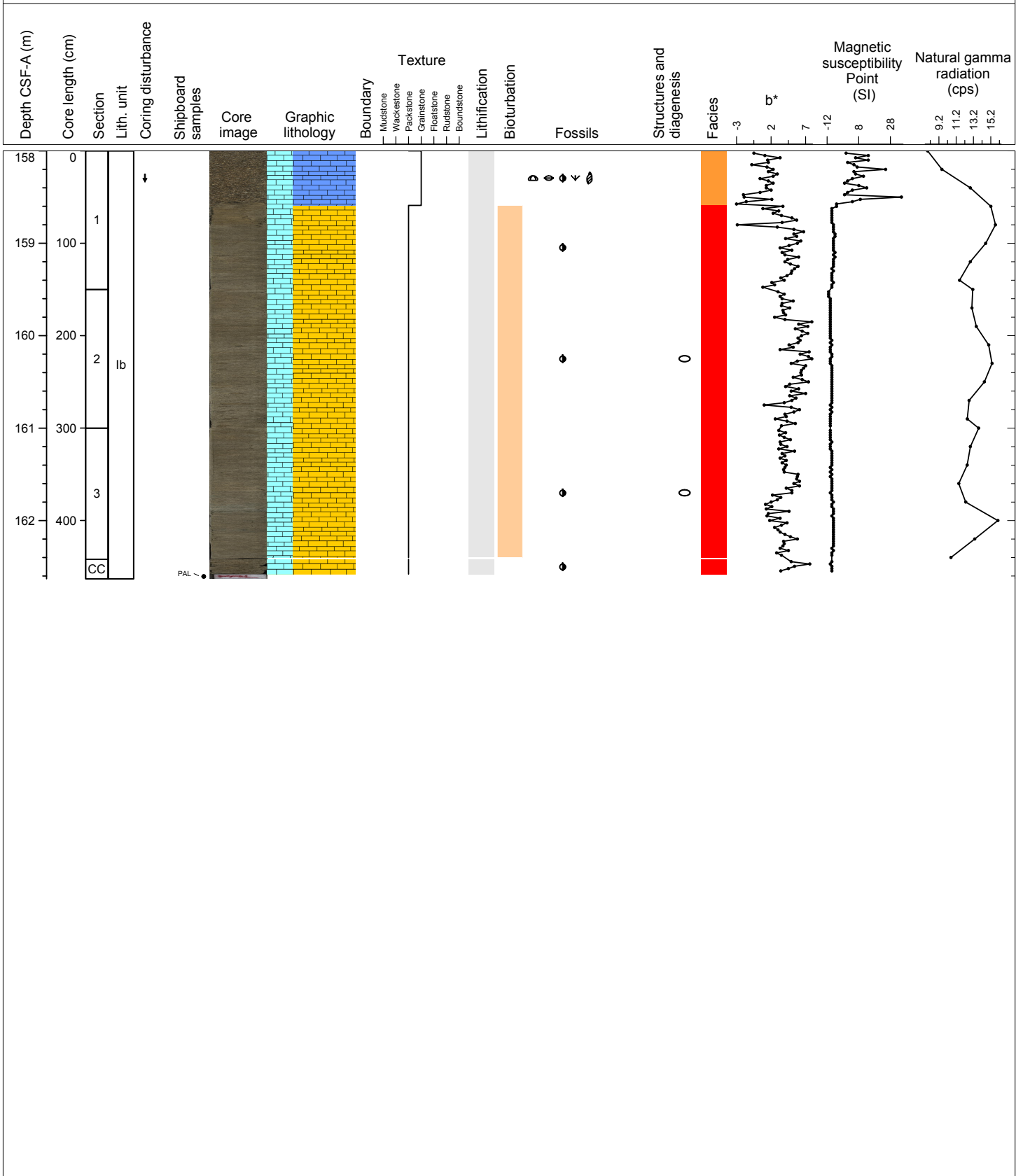
Hole 356-U1460B Core 35F, Interval 153.3-157.32 m (CSF-A)

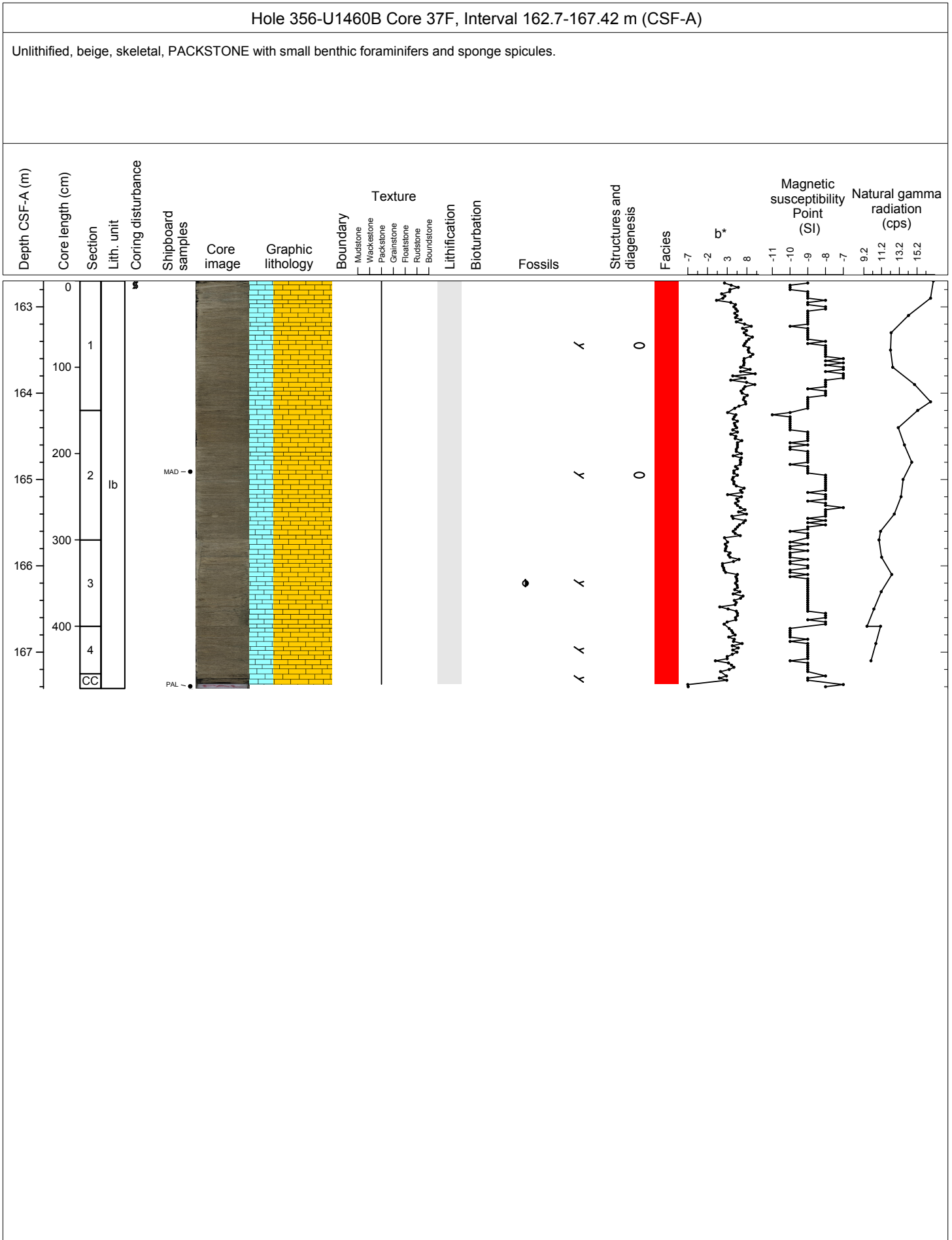
Unlithified, brown, skeletal, GRAINSTONE (fall-in) underlain by unlithified beige, skeletal, PACKSTONE. Cream coloured trace fossils and minor glauconitization begins at 35F-3A, 52 cm and continues to the end of the core catcher.



Hole 356-U1460B Core 36F, Interval 158.0-162.63 m (CSF-A)

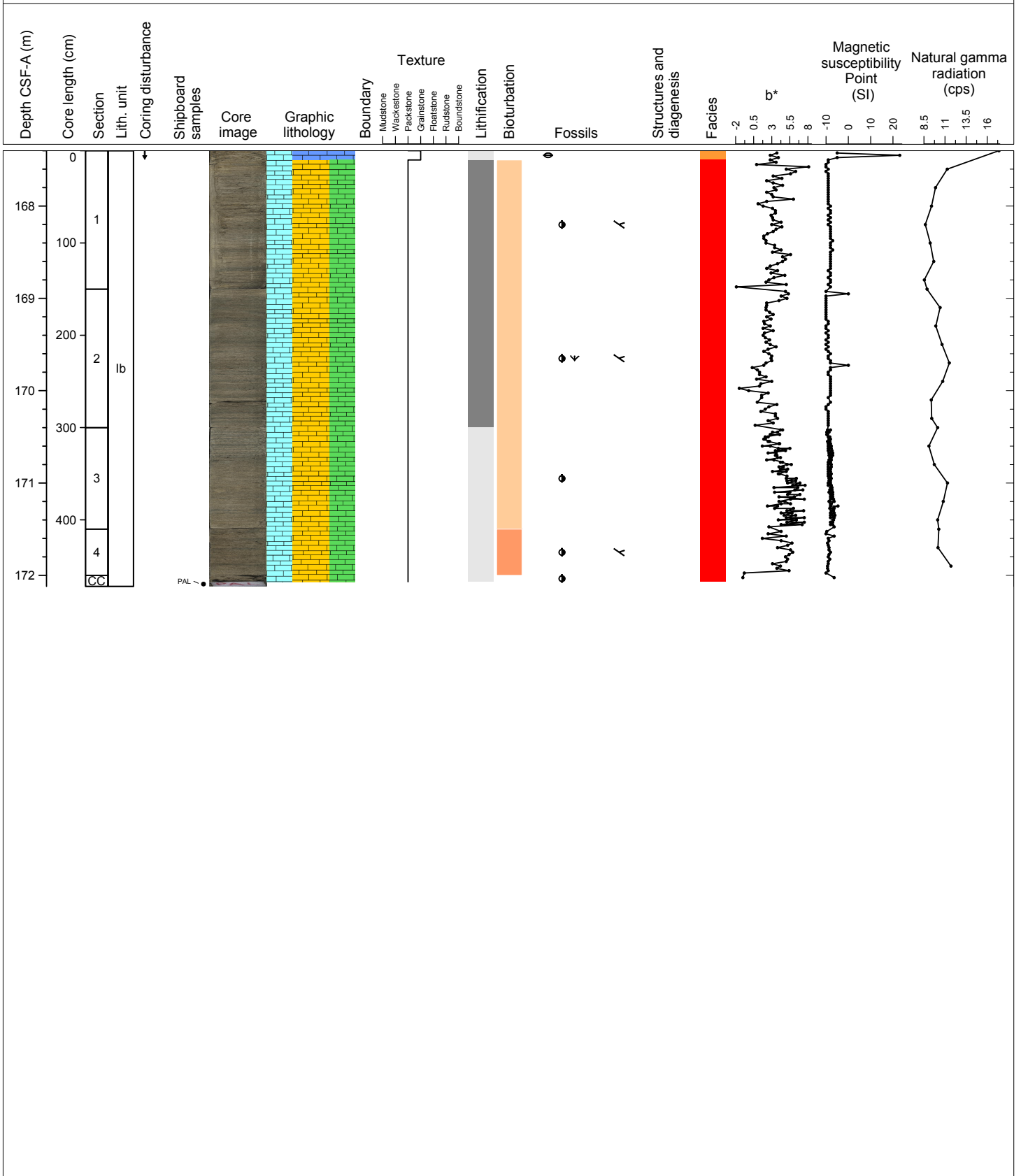
Unlithified, brown, skeletal, GRAINSTONE (fall-in) underlain by unlithified, beige to light brown, skeletal, PACKSTONE with partially-lithified concretions.





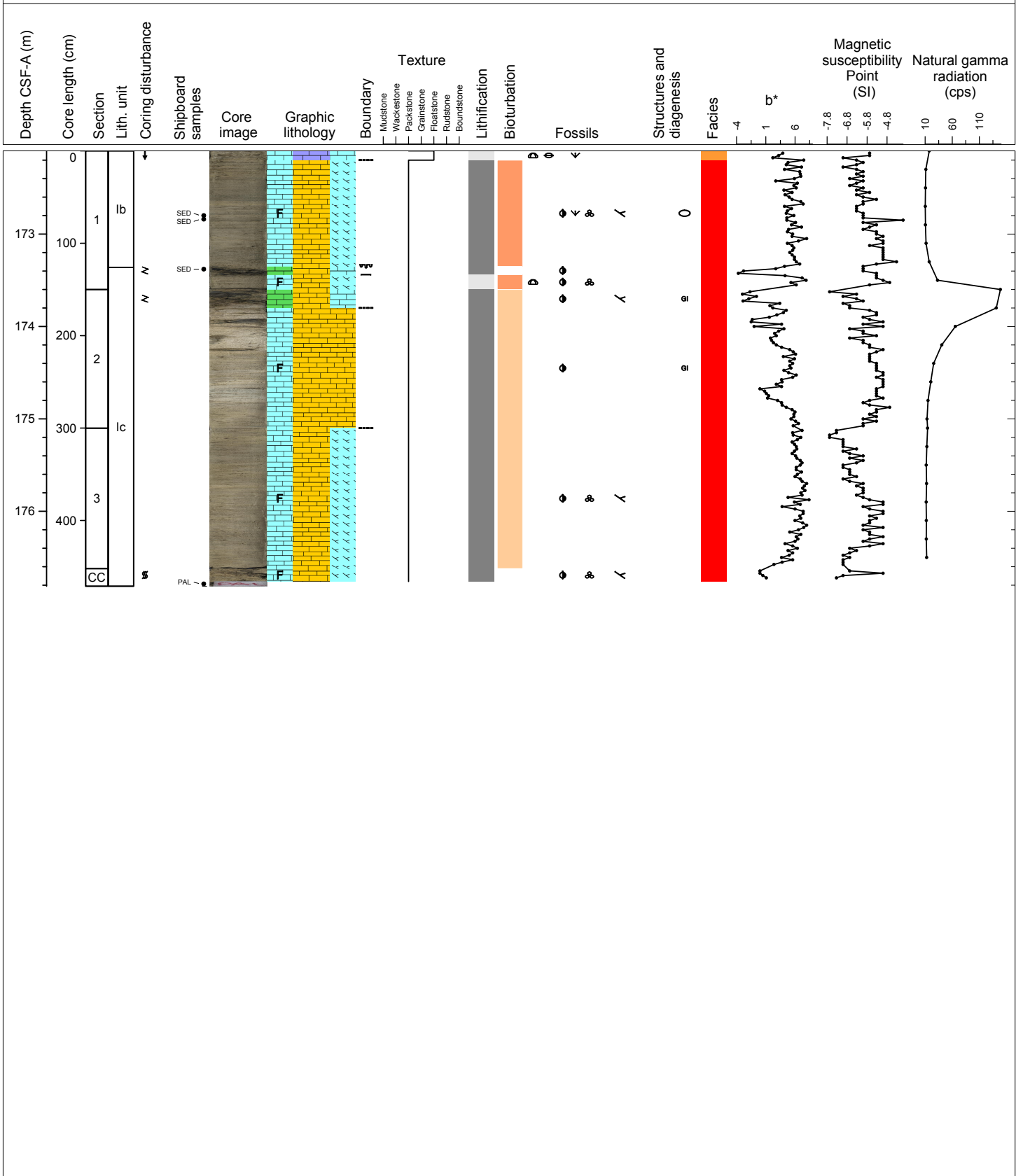
Hole 356-U1460B Core 38F, Interval 167.4-172.12 m (CSF-A)

Unlithified, light brown, skeletal, GRAINSTONE (fall-in) underlain by unlithified to partially-lithified, light brown to creamy gray, skeletal, PACKSTONE with glauconite and macrofossils (small benthic foraminifers, sponge spicules, and bryozoans). Glauconite is present as 2-4 cm interlayers.



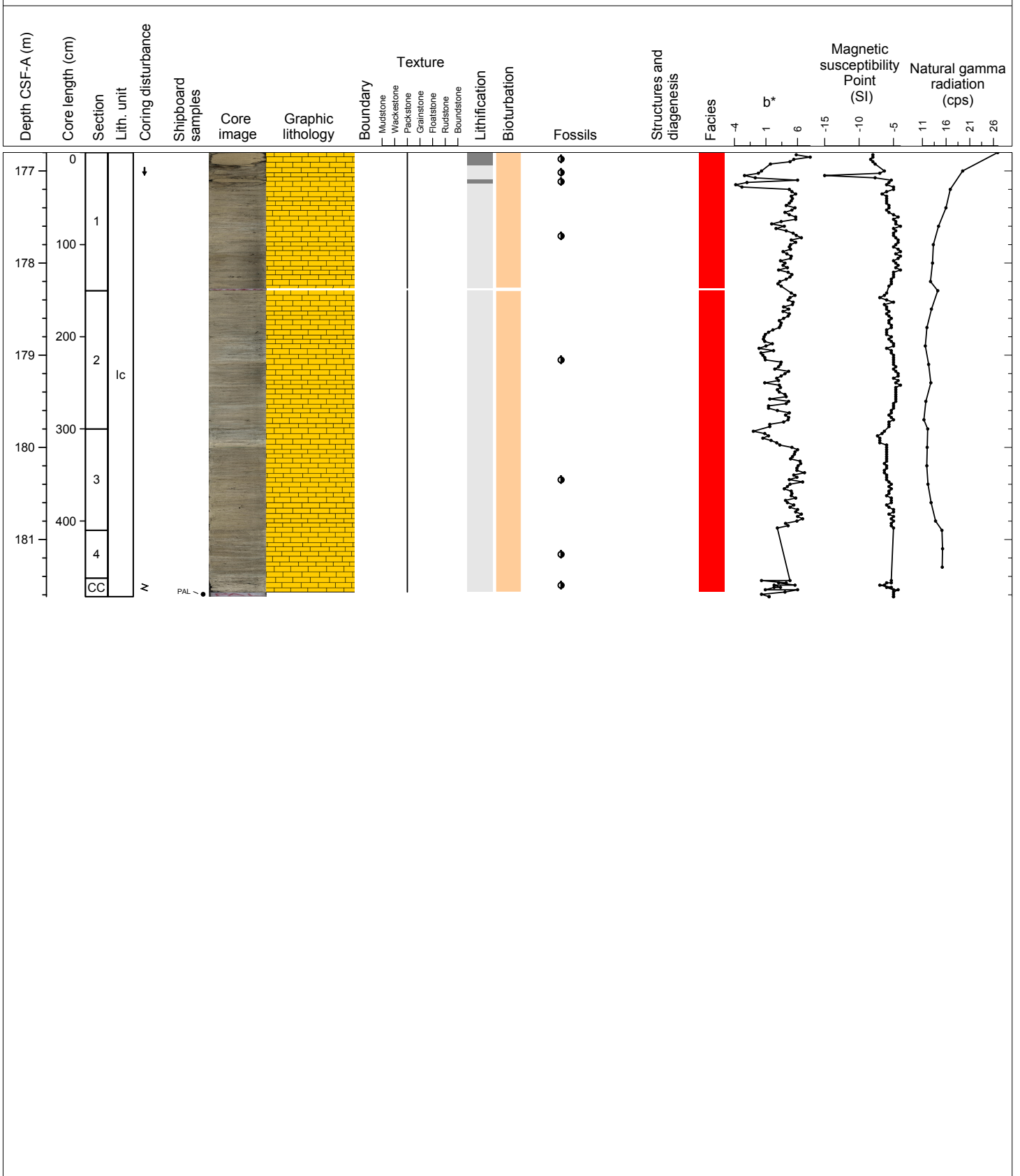
Hole 356-U1460B Core 39F, Interval 172.1-176.81 m (CSF-A)

Unlithified, brown, skeletal, FLOATSTONE (fall-in) with foraminifers underlain partially-lithified, light greenish-gray to dark grayish-green to dark green, PACKSTONE. Glauconite, foraminifers, and sponge spicules vary in abundance throughout the core. There are two two hardgrounds, one at the base of section 1 (120 to 134 cm) and another at the top of section 2 (0 - 20 cm). The sediment otherwise is very similar to the other described cores. There is a notable creamy white layer below the second hardground, which seems to be much less glauconitic than the rest of the sediment. The lighter interval shows a cyclic change back to the usual grayish-green brown with advancing depth. Afterward the usual sedimentation reestablishes (core catcher).



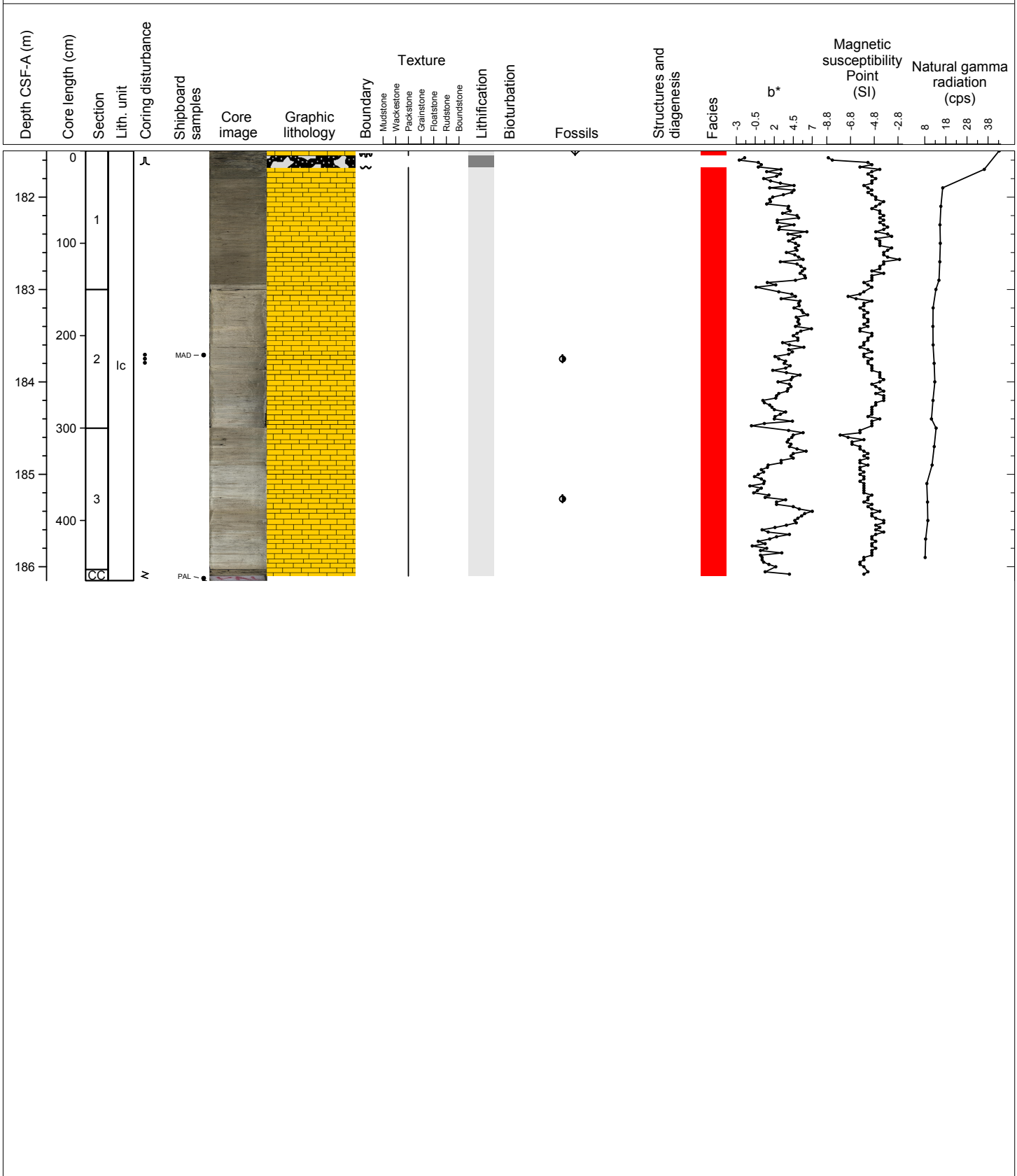
Hole 356-U1460B Core 40F, Interval 176.8-181.62 m (CSF-A)

Primarily unlitified, light greenish gray to beige, PACKSTONE with small benthic foraminifers.



Hole 356-U1460B Core 41F, Interval 181.5-186.15 m (CSF-A)

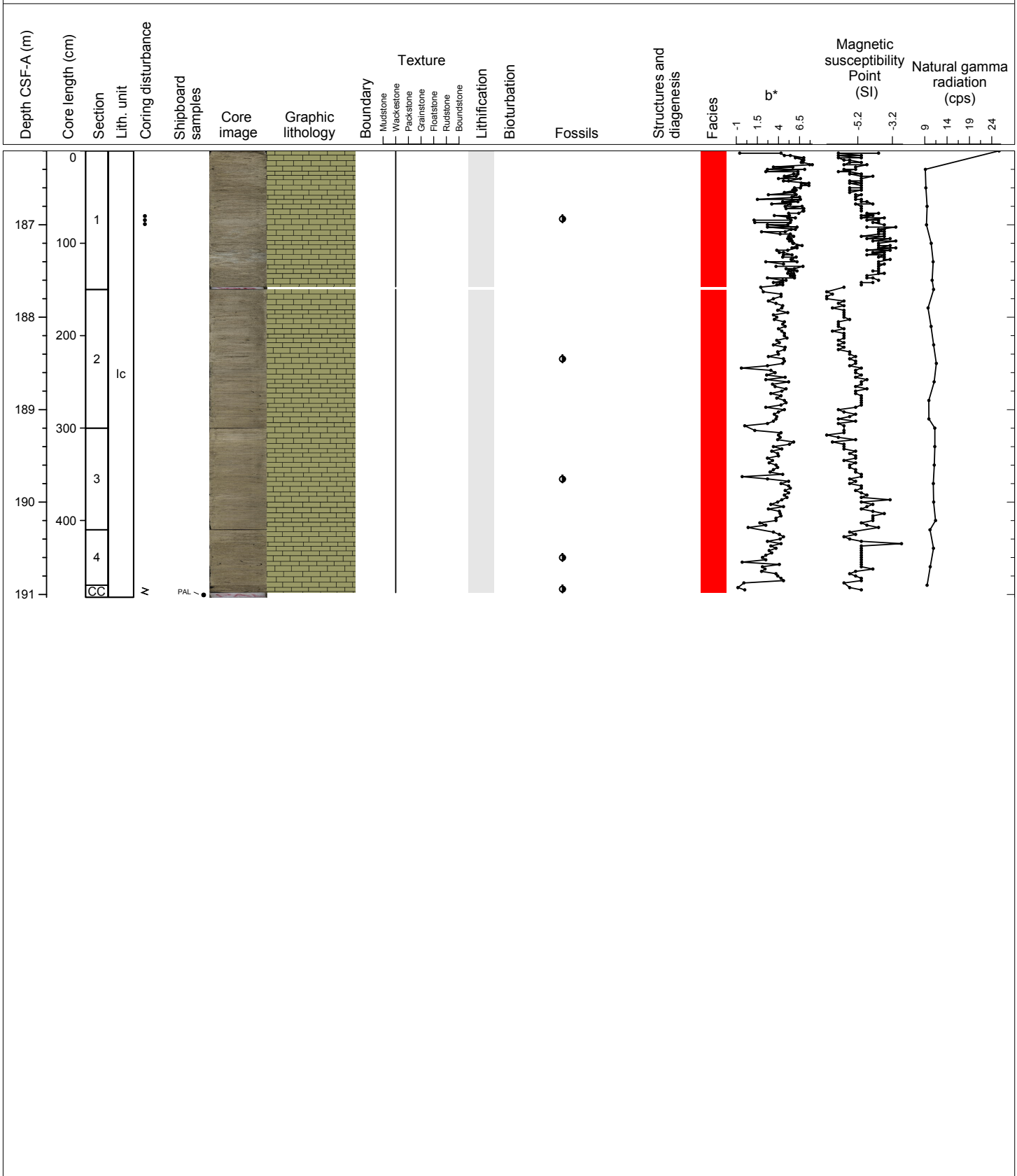
Primarily unlithified, light brown to cream, PACKSTONE with occasional small benthic foraminifers. At the uppermost part of the core, there is a lithified, dark gray, hardground, and in the upper part of the core there is an interval of partially-lithified, dark gray breccia.





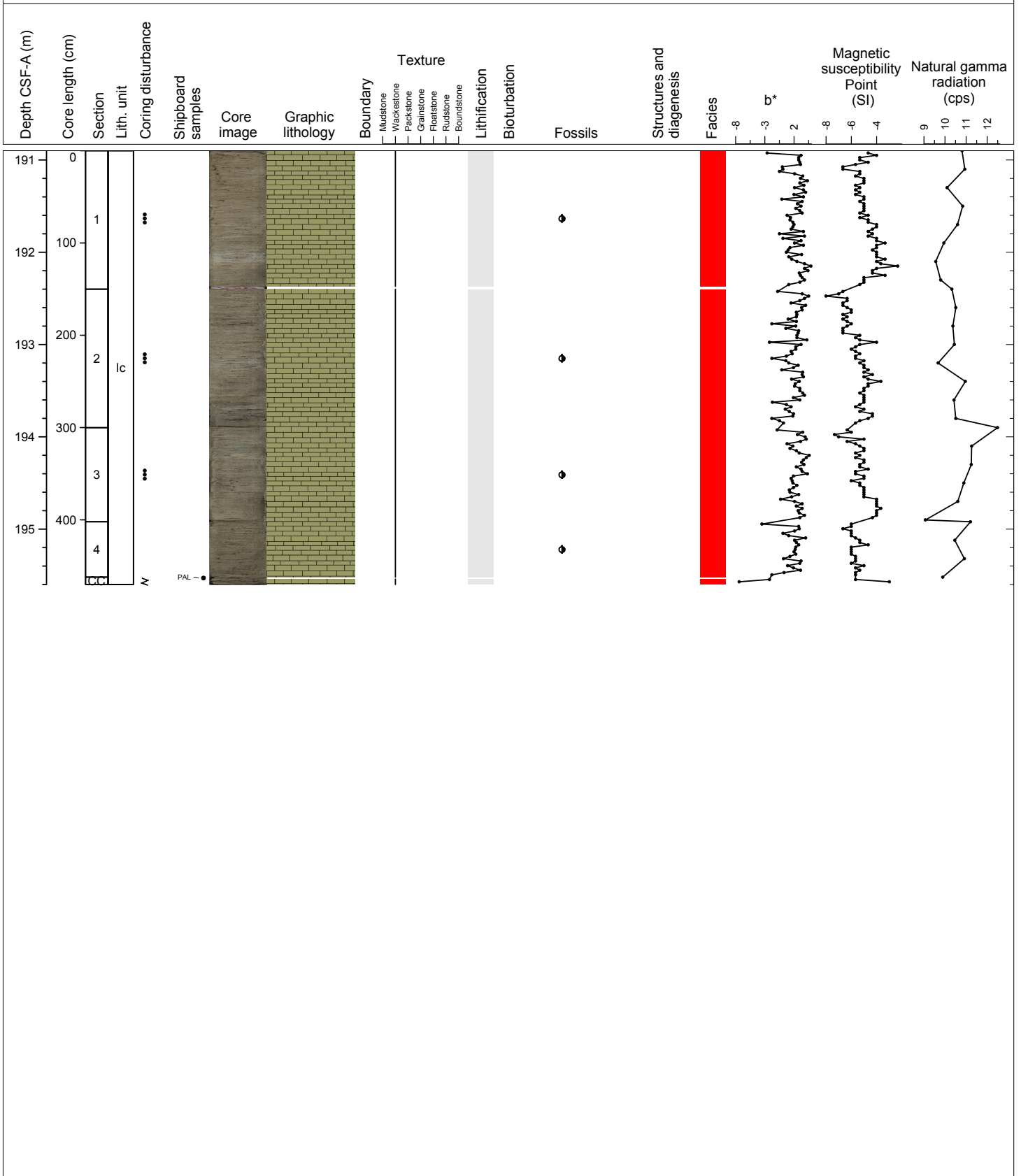
Hole 356-U1460B Core 42F, Interval 186.2-191.03 m (CSF-A)

Unlithified, light brown to brown, WACKESTONE with benthic foraminifers and frequent partially-lithified concretions throughout the core.



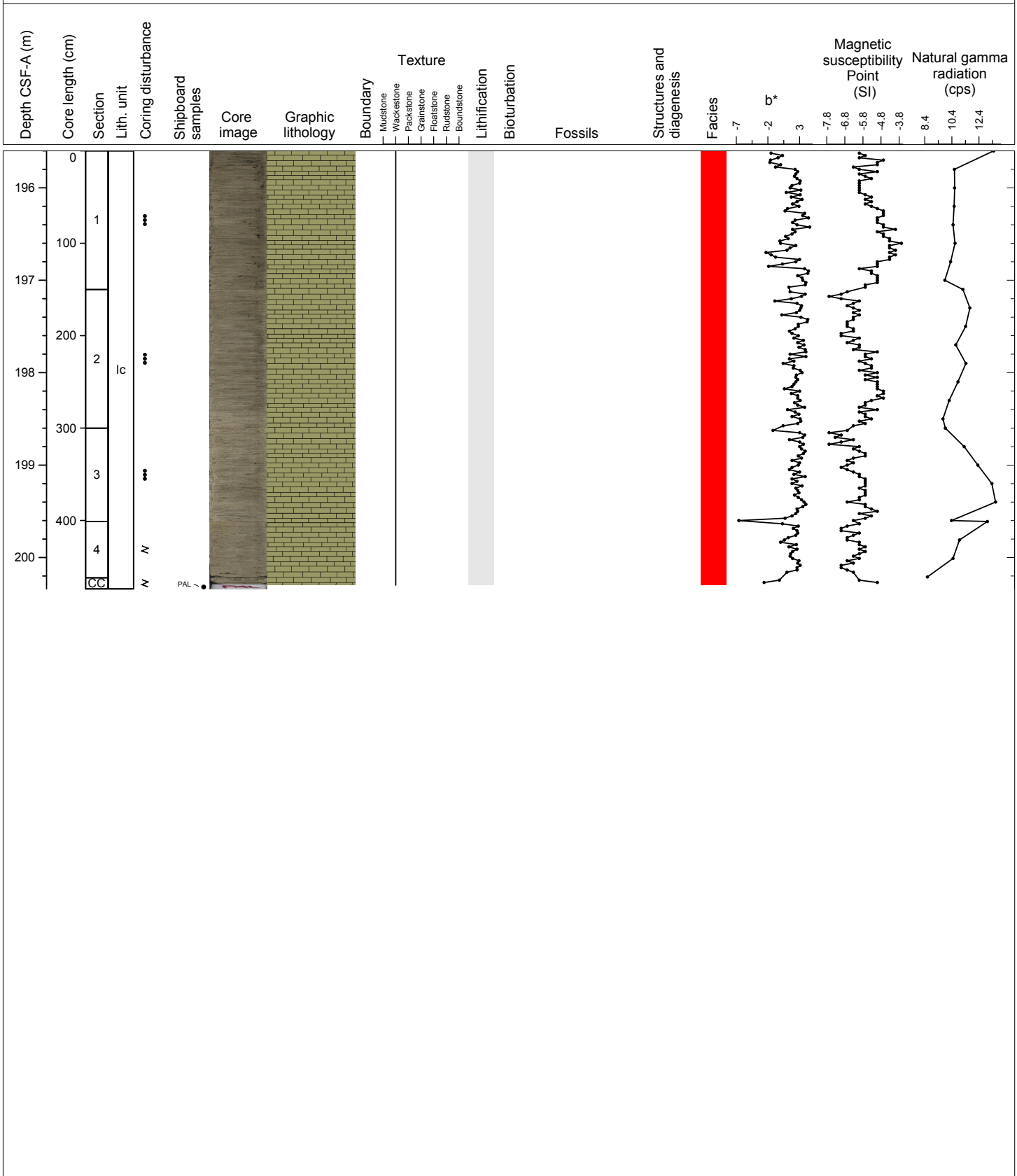
Hole 356-U1460B Core 43F, Interval 190.9-195.6 m (CSF-A)

Homogenous, un lithified, beige, WACKESTONE with rare small benthic foraminifers.



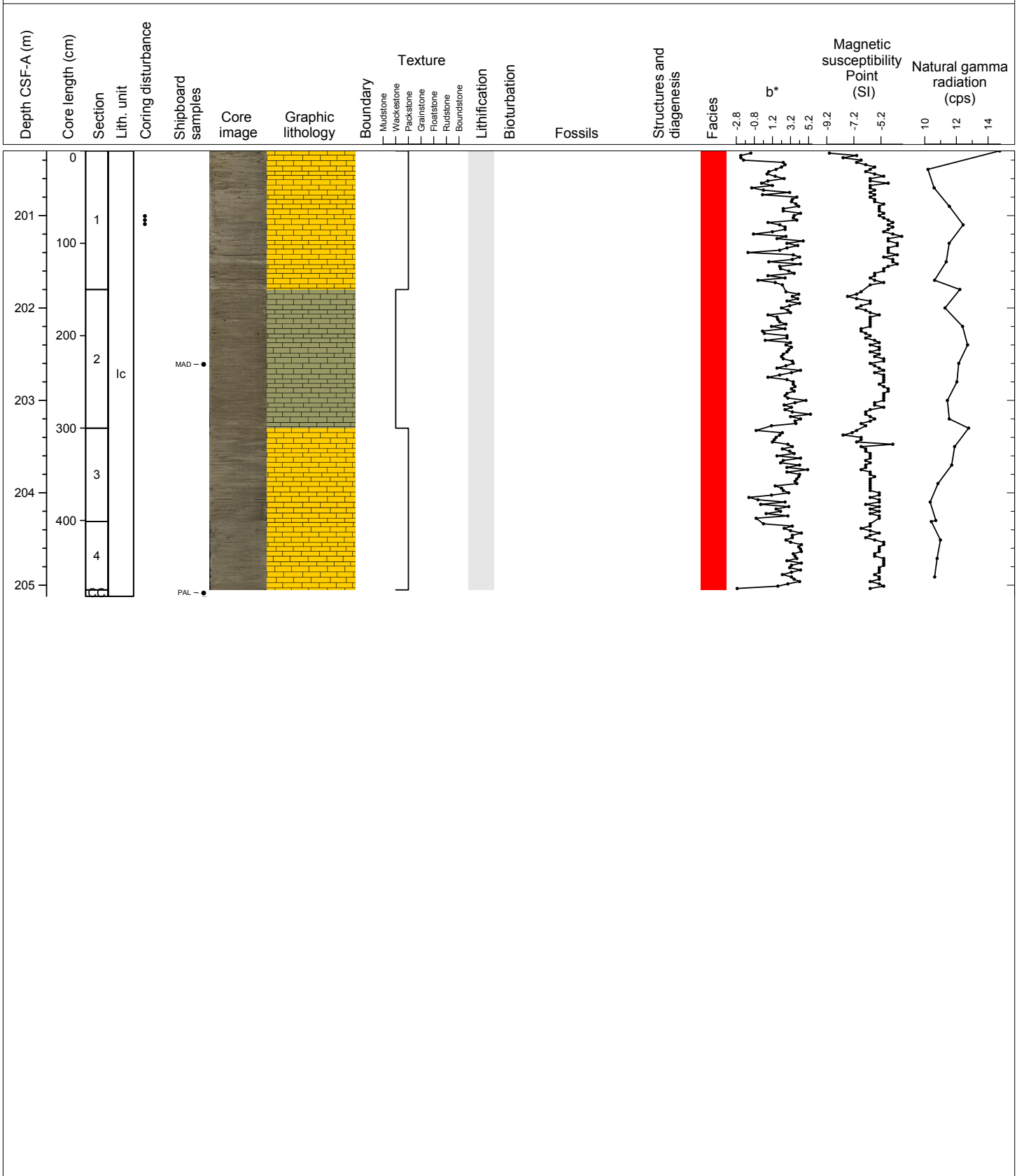
Hole 356-U1460B Core 44F, Interval 195.6-200.34 m (CSF-A)

Homogenous, un lithified, beige, WACKESTONE with sporadic partially-lithified concretions.



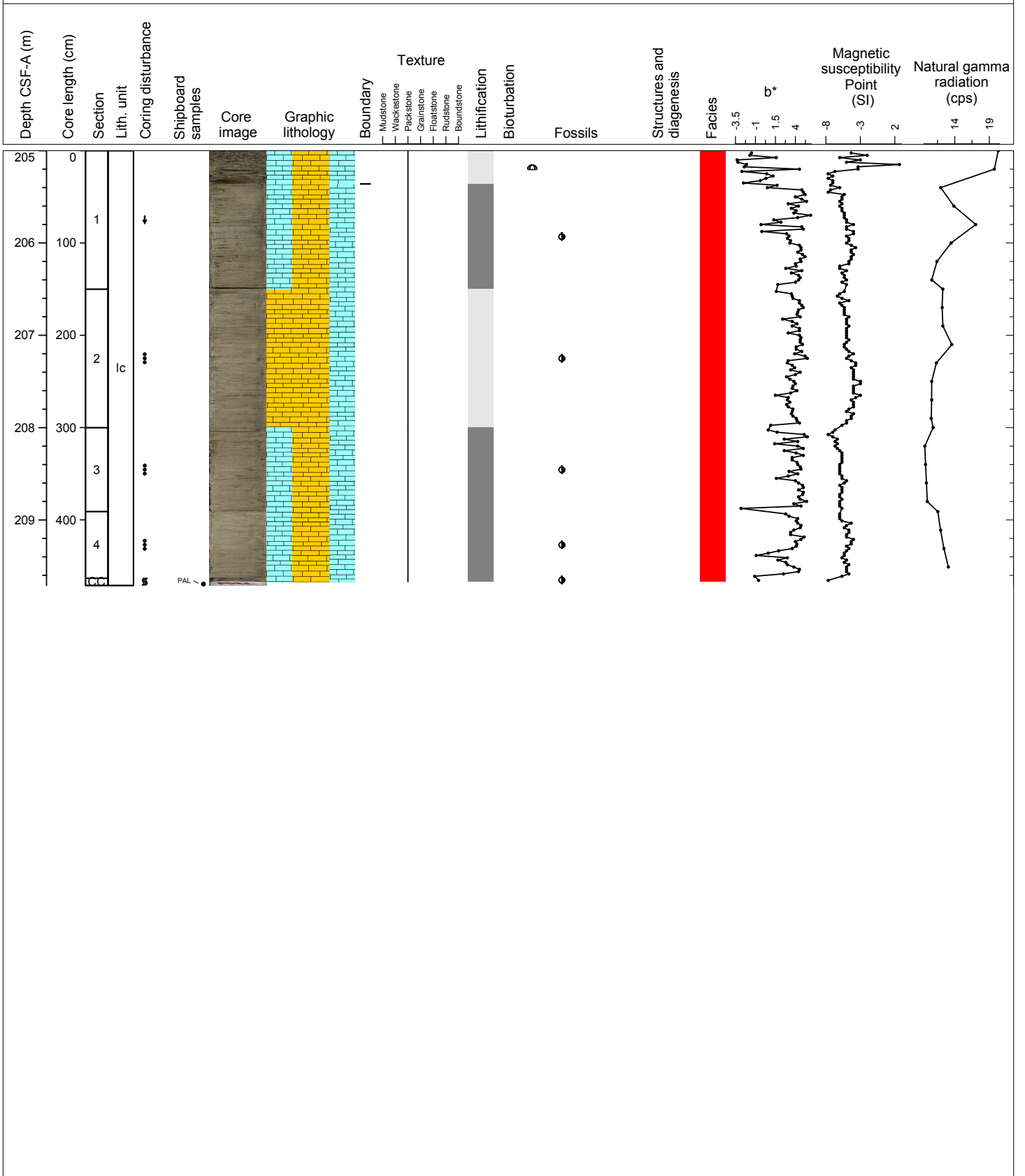
Hole 356-U1460B Core 45F, Interval 200.3-205.12 m (CSF-A)

Primarily homogenous, unlitified, beige, PACKSTONE with sporadic partially-lithified concretions.



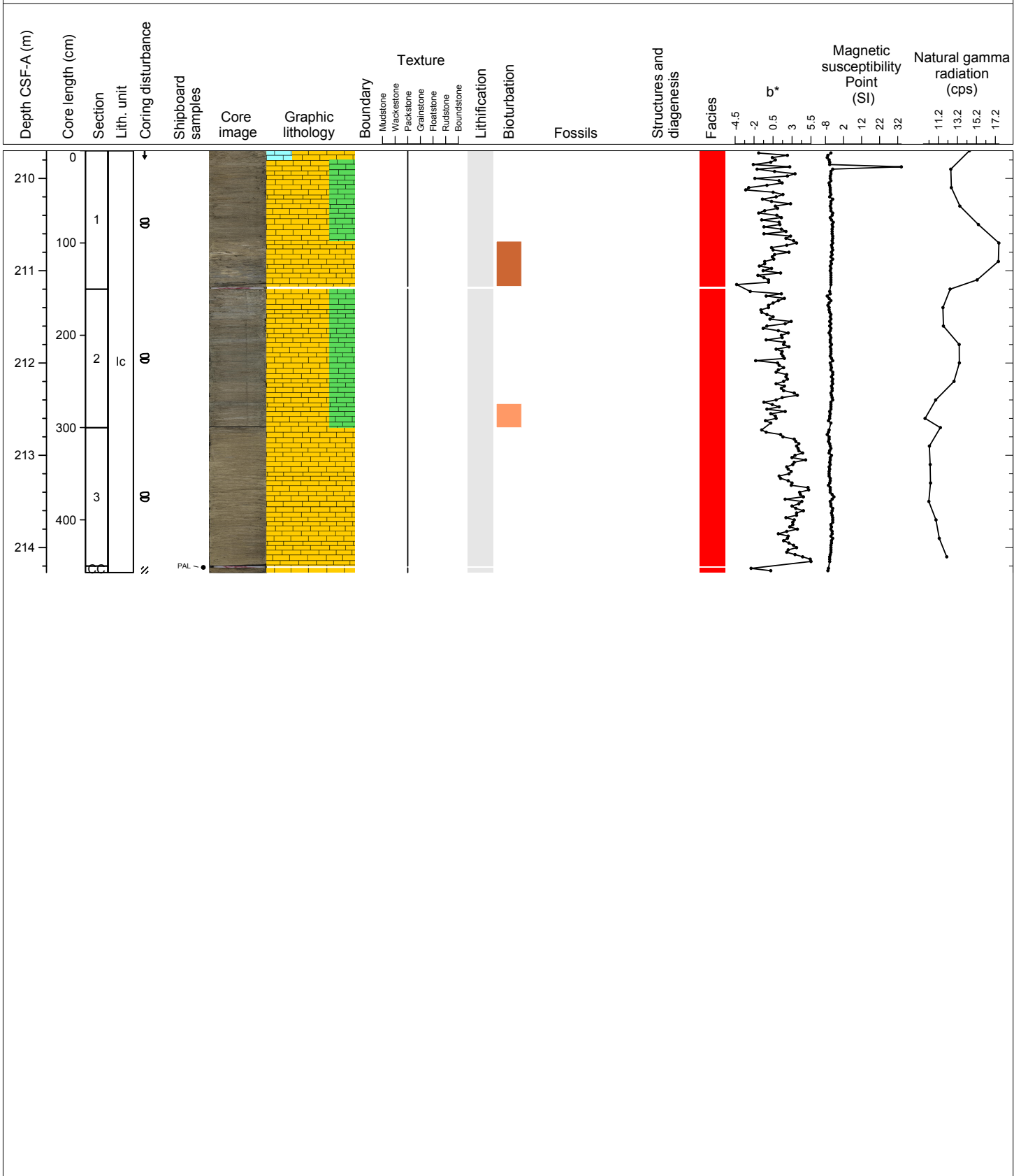
Hole 356-U1460B Core 46F, Interval 205.0-209.71 m (CSF-A)

Primarily unlithified to partially-lithified, homogeneous, light gray, PACKSTONE with small benthic foraminifers, layers in the top of the core, and glauconite in the lower part of the core.



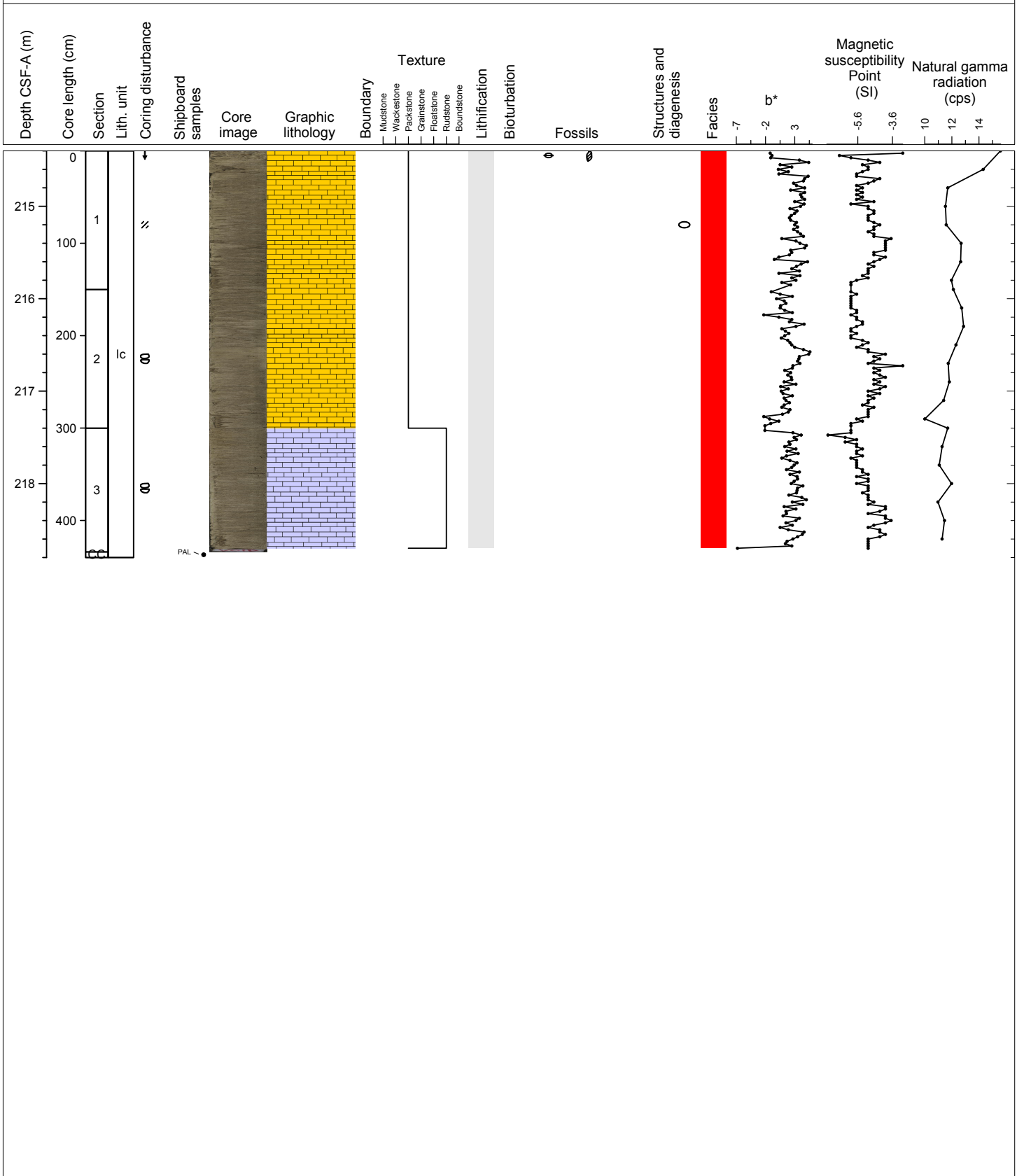
Hole 356-U1460B Core 47F, Interval 209.7-214.27 m (CSF-A)

Unlithified, light greenish gray, gravel-sized, skeletal, PACKSTONE (fall-in) underlain by unlithified, creamy gray, PACKSTONE with glauconite. Bioturbation is common in this lower intervals, based on the color variability (cream to light greenish gray and beige).



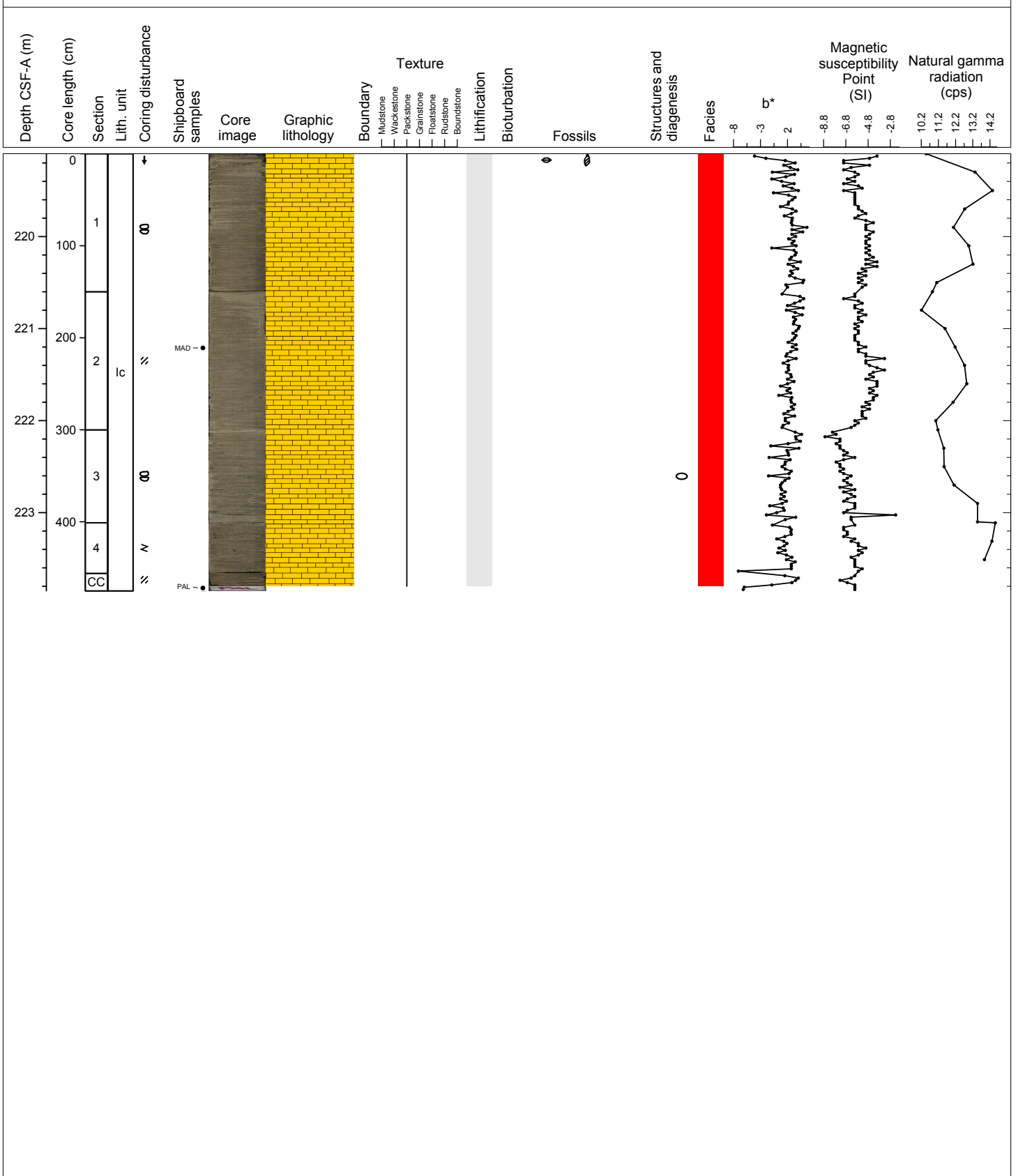
Hole 356-U1460B Core 48F, Interval 214.4-218.8 m (CSF-A)

Unlithified, creamy gray, PACKSTONE containing a carbonate concretion (19-21 cm).



Hole 356-U1460B Core 49F, Interval 219.1-223.85 m (CSF-A)

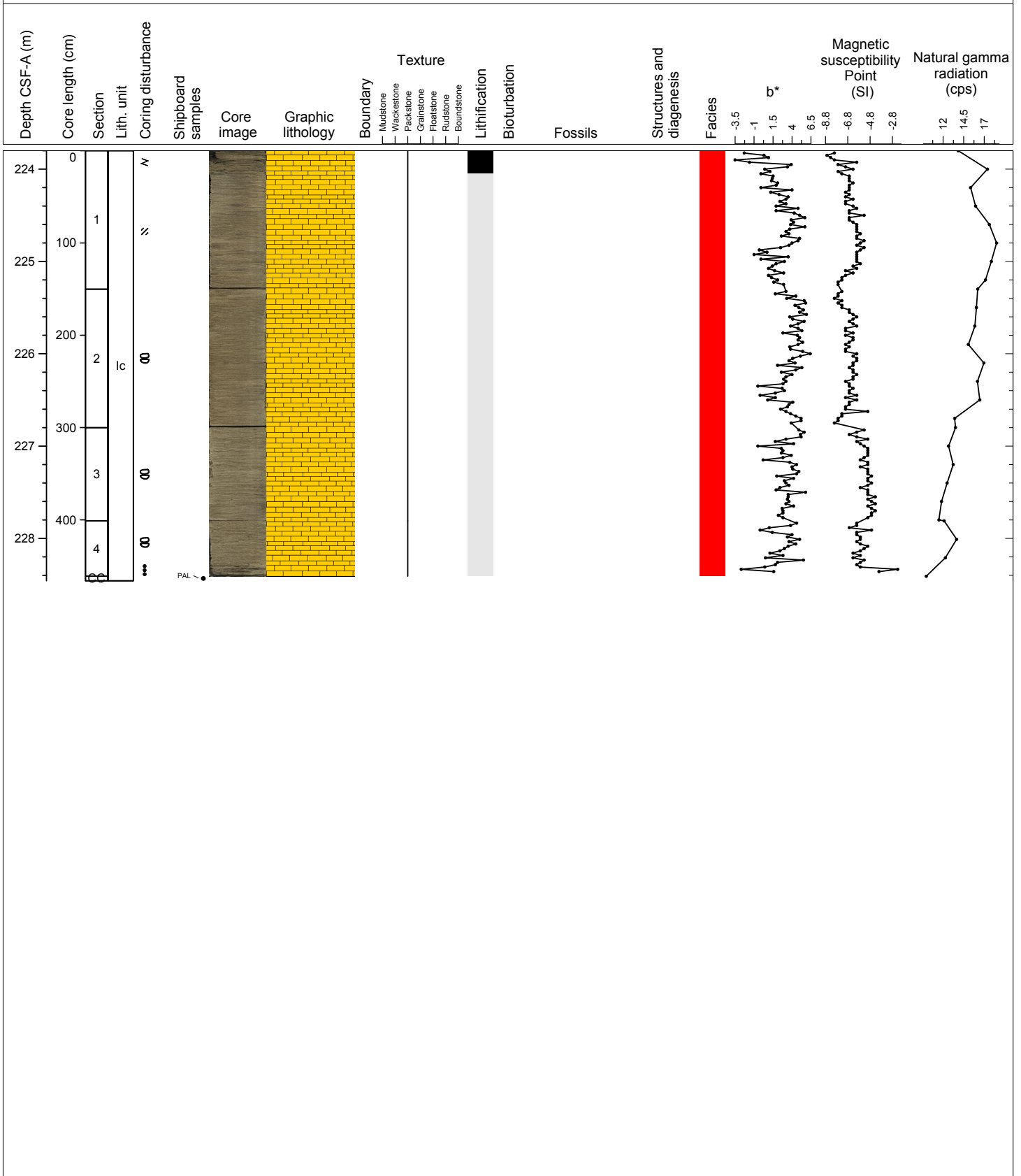
Unlithified, creamy gray, grave-sized, PACKSTONE (fall-in) with macrofossils and lithic fragments but mainly composed of mud underlain by homogenous, unlithified, creamy gray, PACKSTONE. There is a carbonate concretion at 91-92 cm.





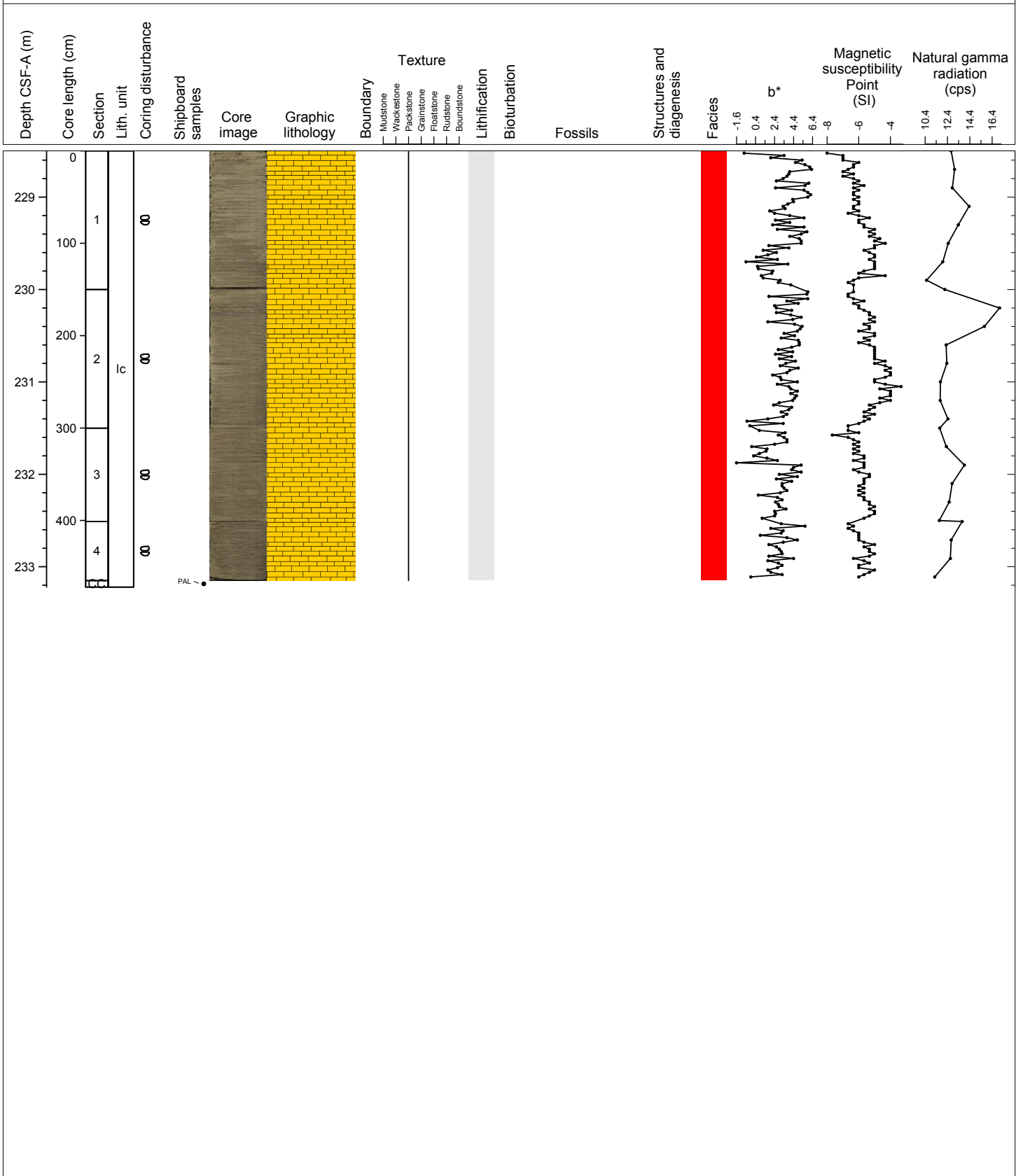
Hole 356-U1460B Core 50F, Interval 223.8-228.46 m (CSF-A)

At the top of the core, lithified/cemented interval of homogenous, creamy gray, PACKSTONE (fragmented during coring) that could be a hardground (does not fizz with HCl). Below these upper 25 cm, there is homogenous, unlithified, cream to creamy gray, PACKSTONE with very rare grains of glauconite.



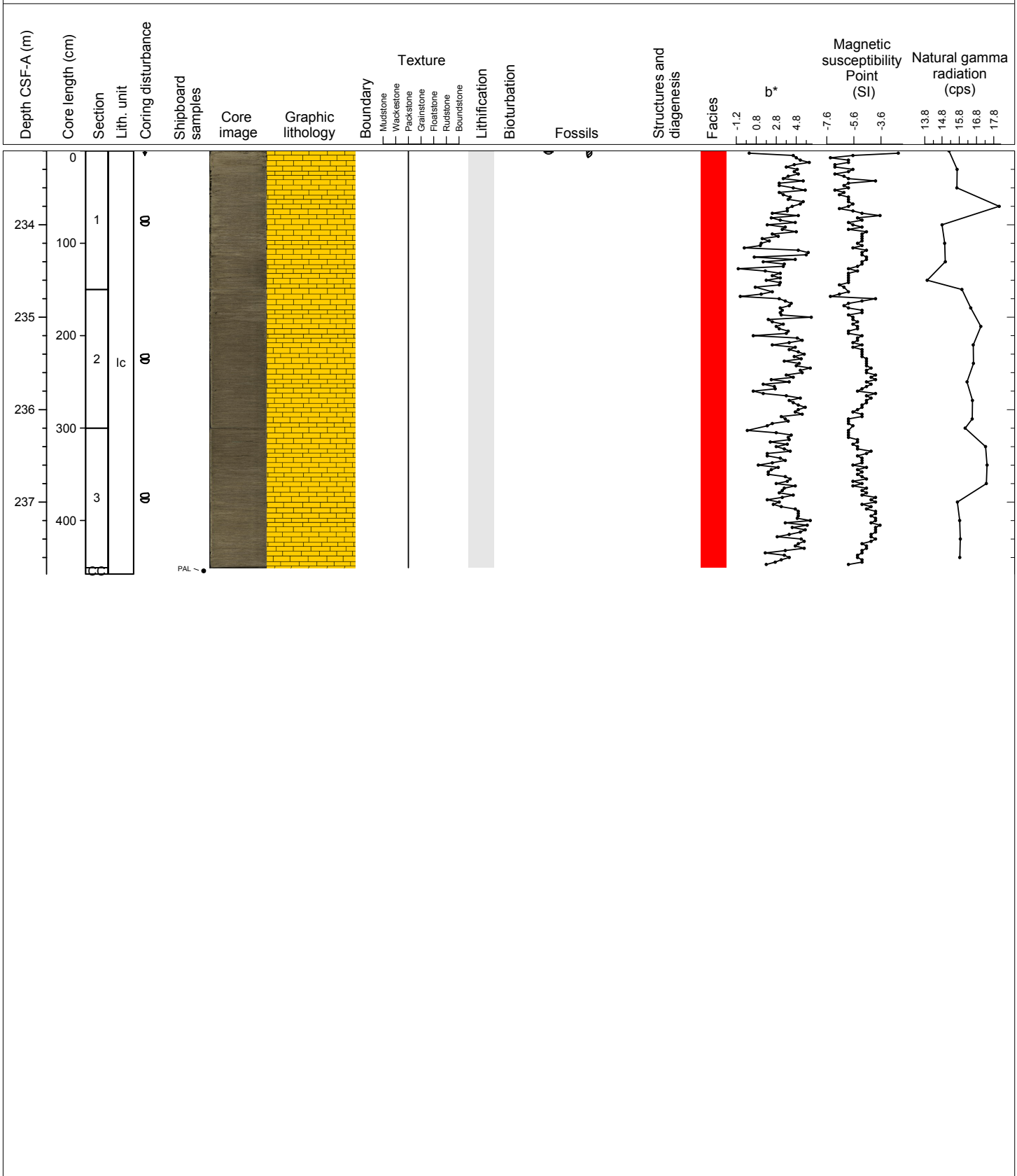
Hole 356-U1460B Core 51F, Interval 228.5-233.22 m (CSF-A)

Homogenous, ultrified, cream to creamy gray,PACKSTONE.



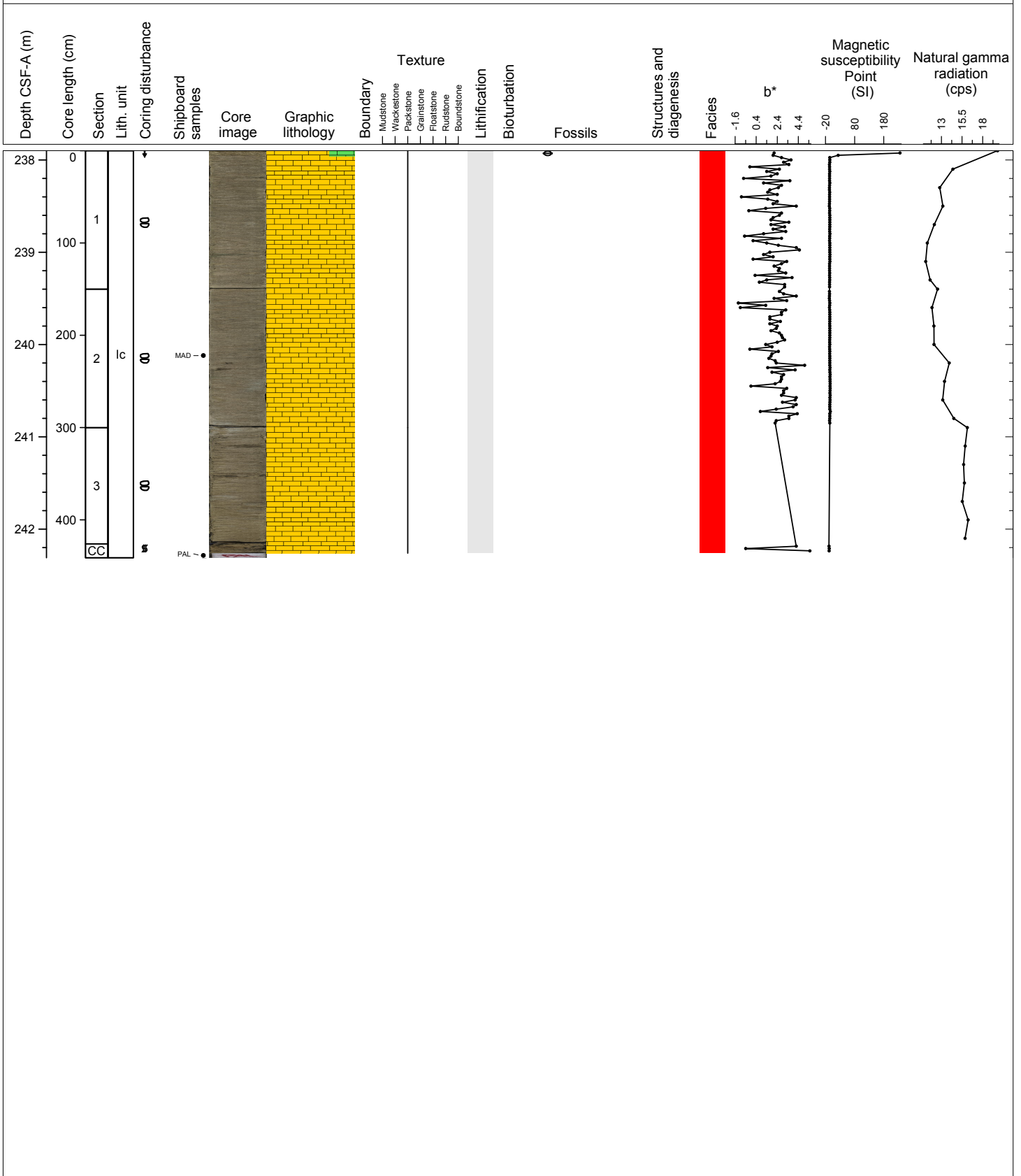
Hole 356-U1460B Core 52F, Interval 233.2-237.78 m (CSF-A)

Unlithified, creamy gray, gravel-sized, PACKSTONE (fall-in) underlain by homogeneous, unlithified, creamy gray, PACKSTONE.



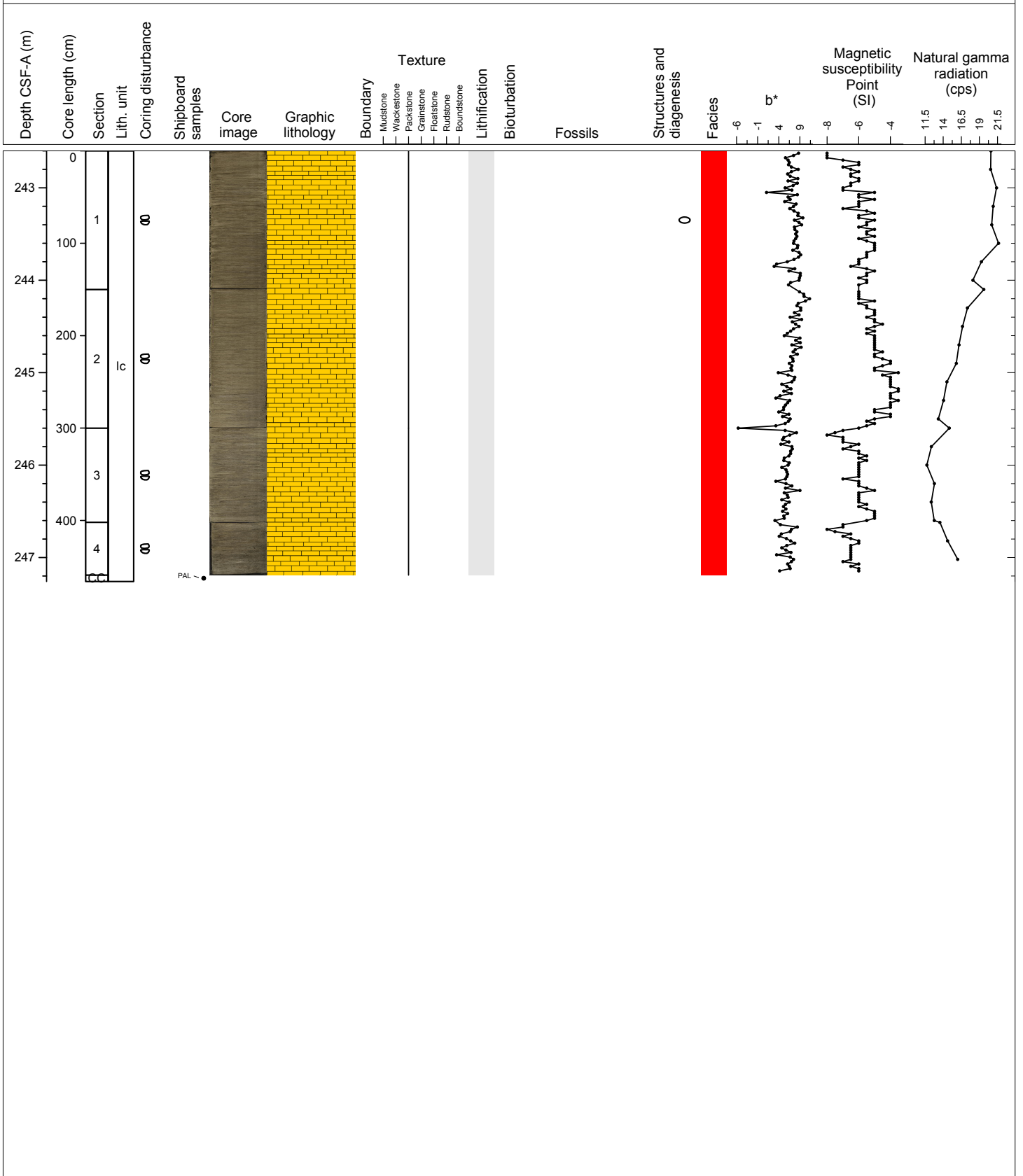
Hole 356-U1460B Core 53F, Interval 237.9-242.31 m (CSF-A)

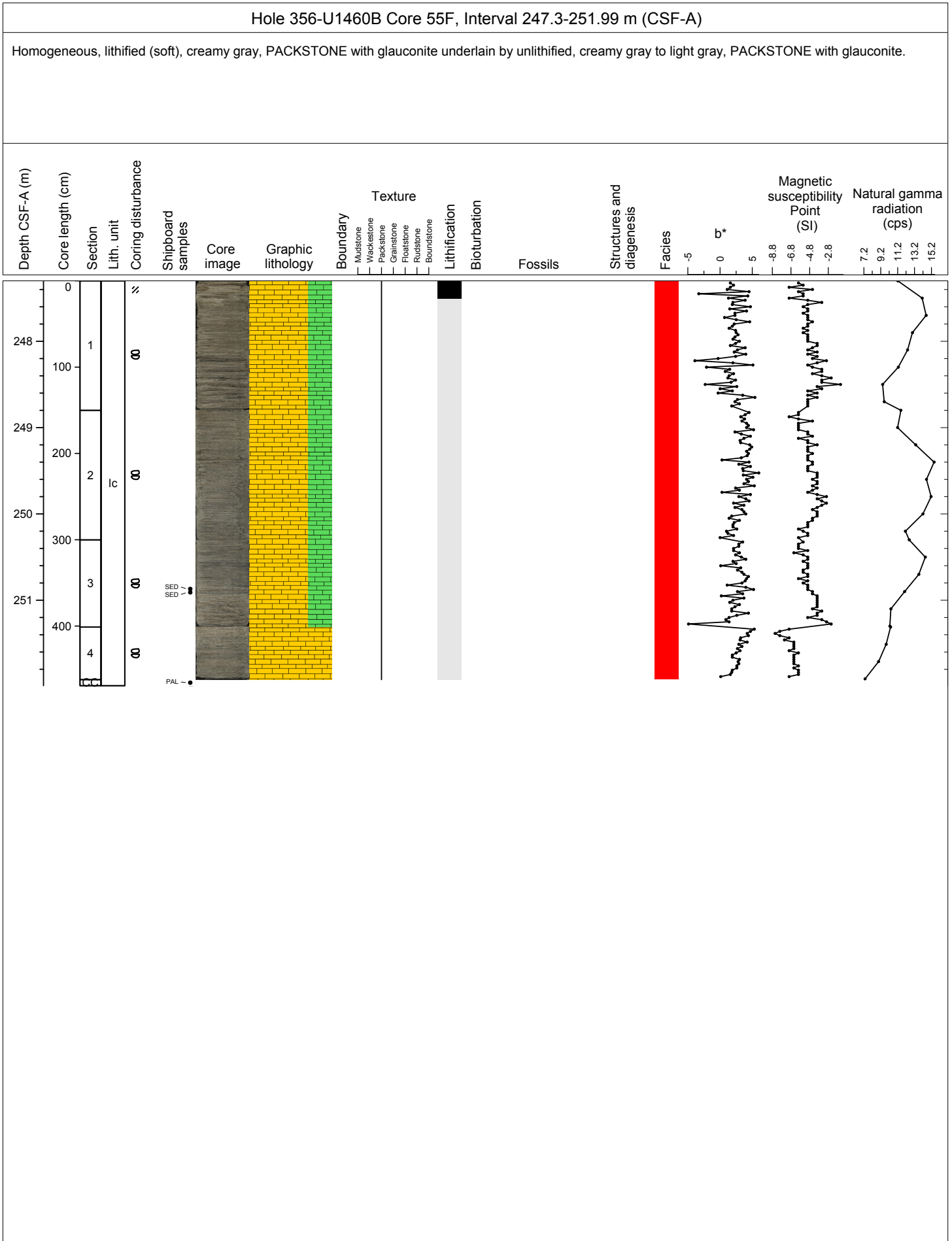
Unlithified, gray, gravel-sized, PACKSTONE with bivalve fragments and glauconite grains underlain by homogeneous, unlithified, creamy gray, PACKSTONE. There is a celestite concretion is located at 87 cm in section 2.



Hole 356-U1460B Core 54F, Interval 242.6-247.26 m (CSF-A)

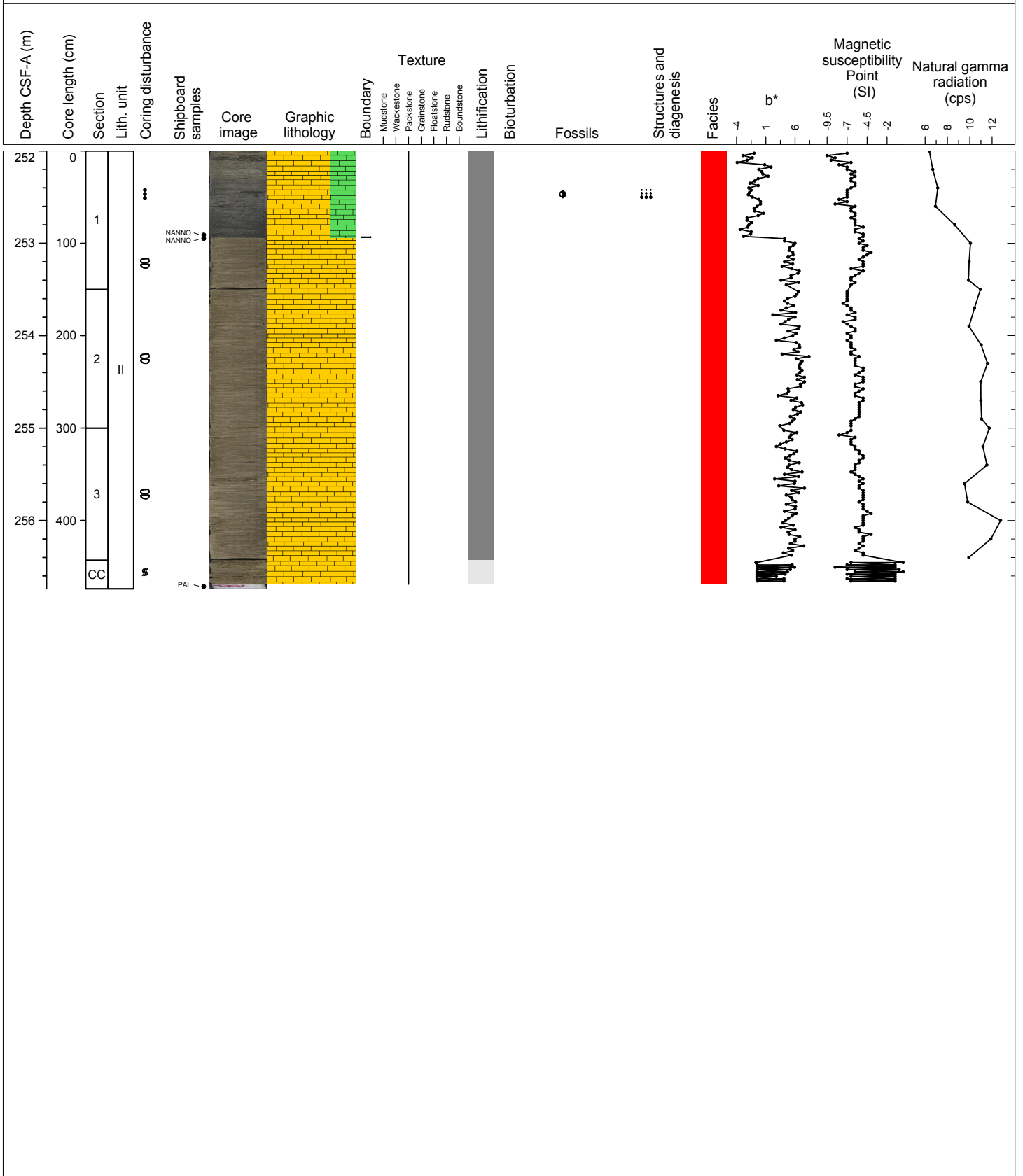
Unlithified, creamy gray, PACKSTONE with a few concretions.





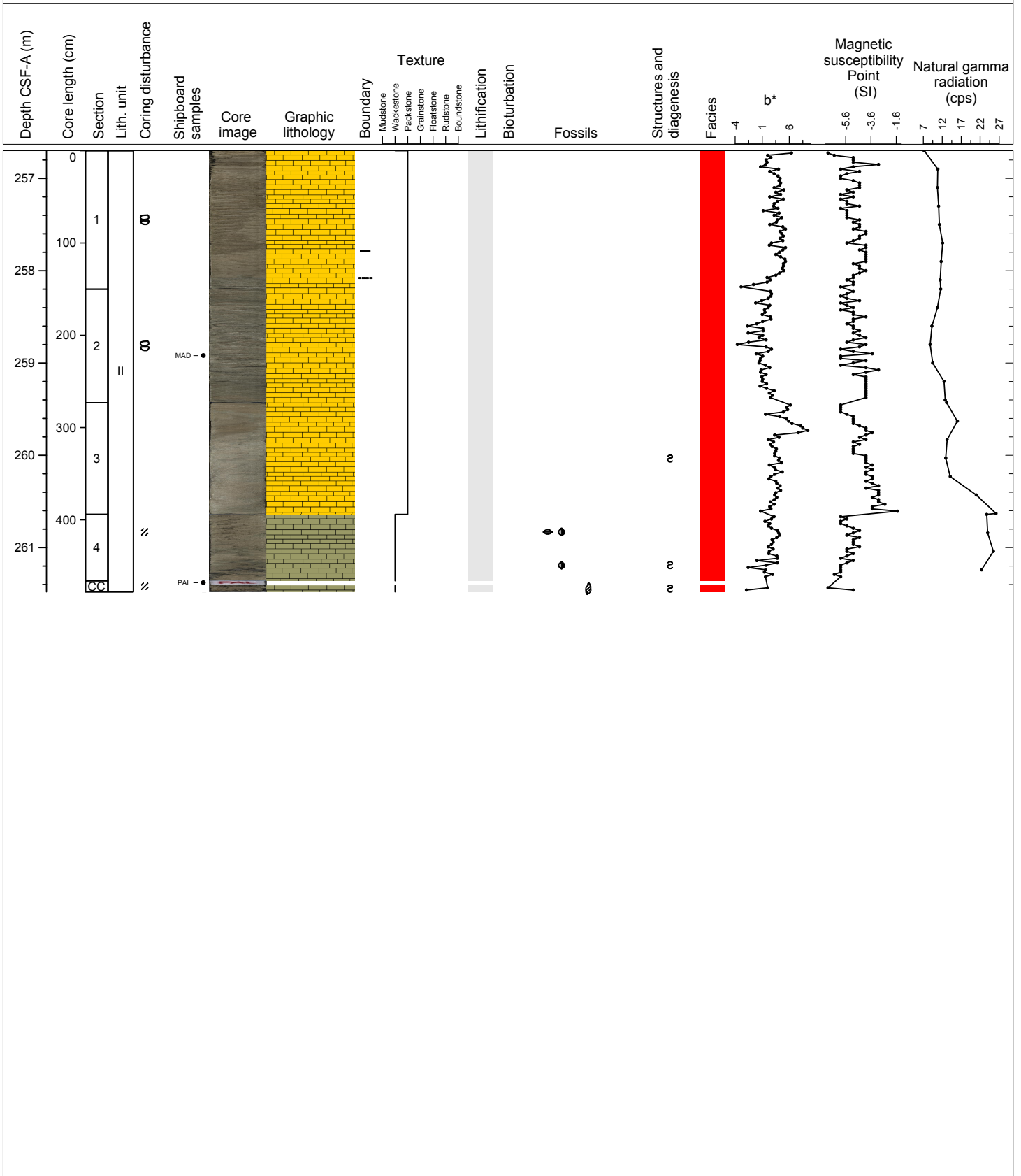
Hole 356-U1460B Core 56F, Interval 252.0-256.74 m (CSF-A)

Partially-lithified, gray to brown, PACKSTONE with a glauconite-rich interval at the basal. Small benthic foraminifers are locally abundant.



Hole 356-U1460B Core 57F, Interval 256.7-261.48 m (CSF-A)

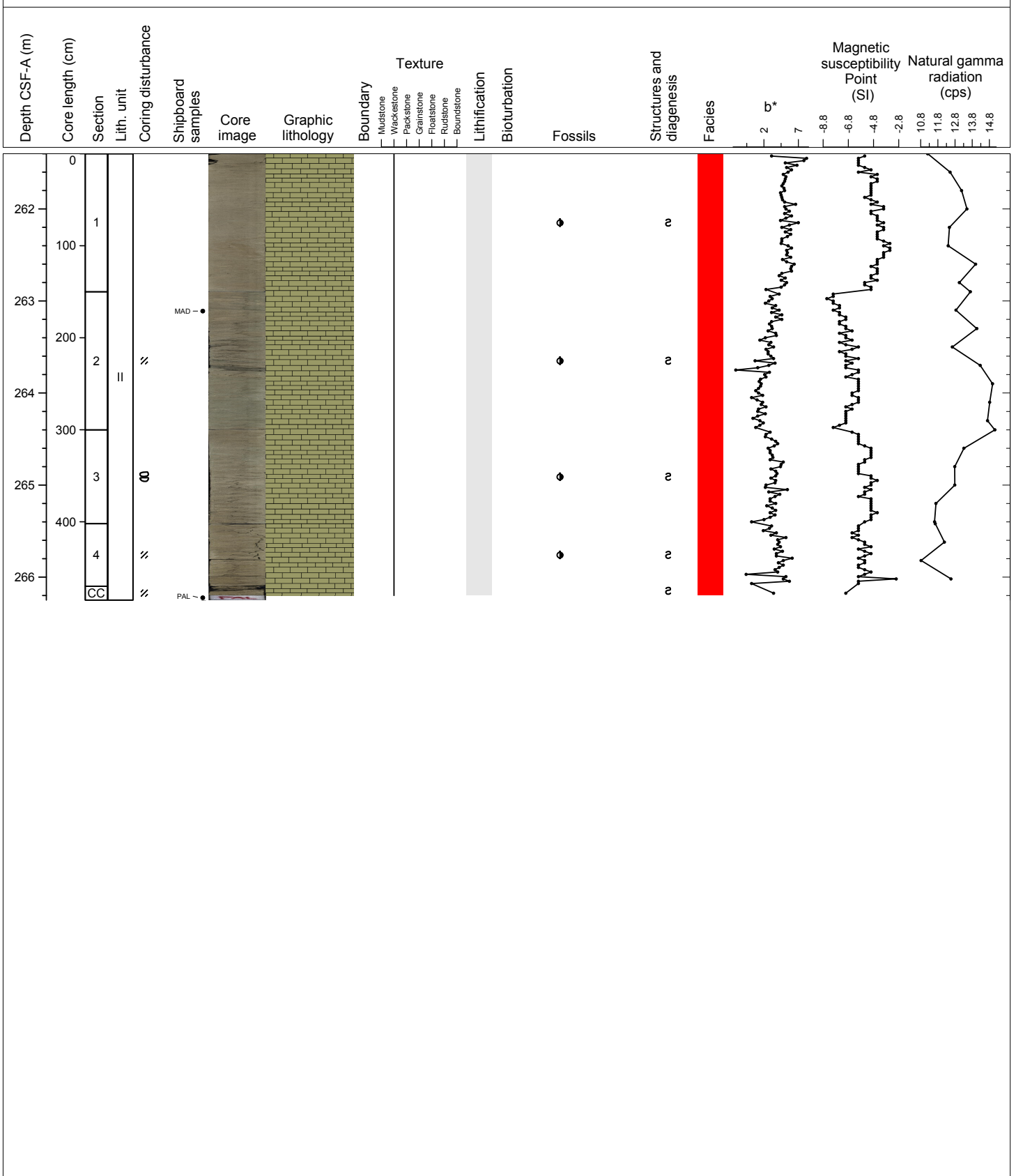
Homogeneous, un lithified, PACKSTONE with rare glauconite grains varies in color between beige, cream, creamy gray, light greenish gray, and greenish gray. There are sharp contacts between color changes. There is also possible bioturbation.





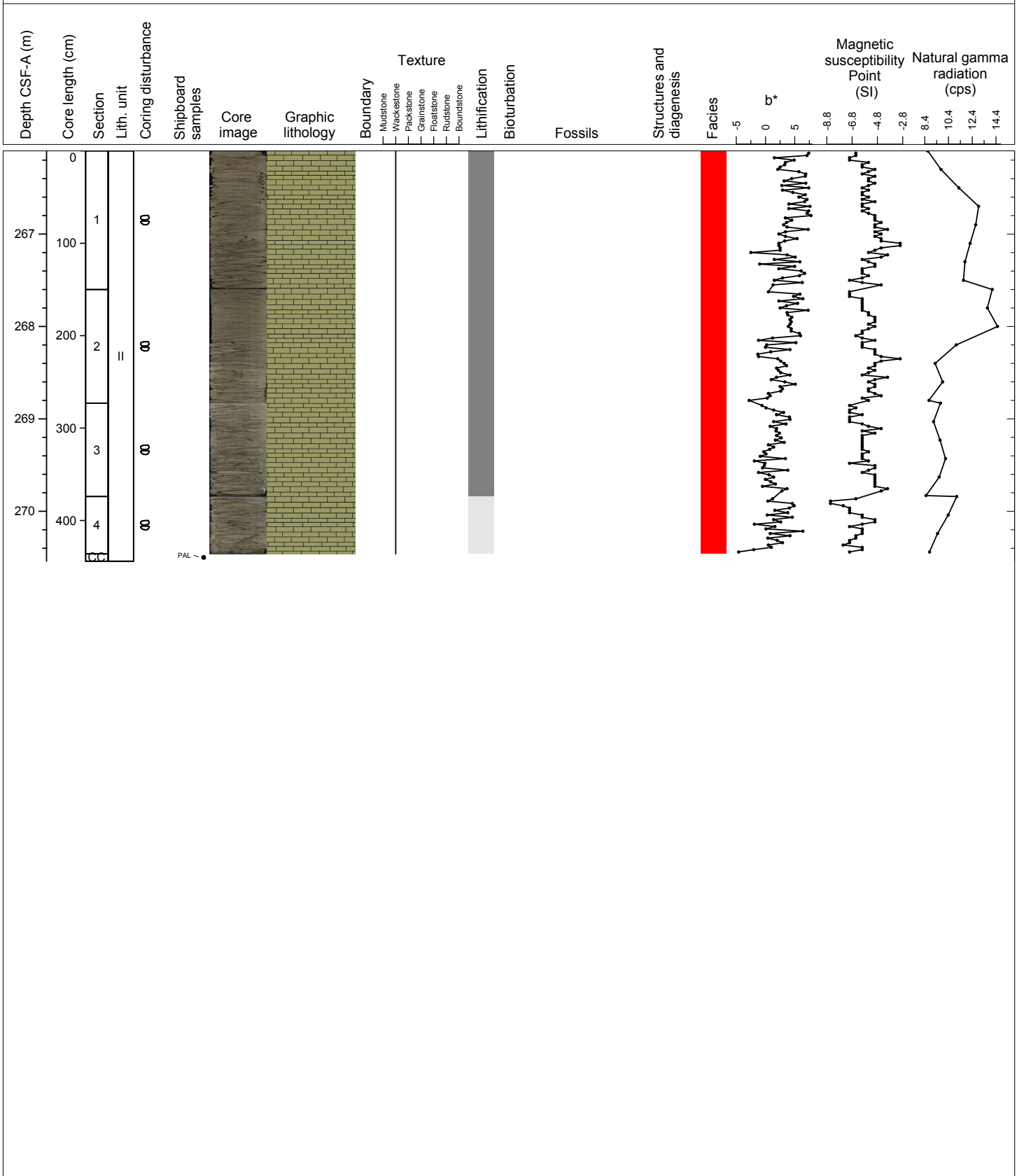
Hole 356-U1460B Core 58F, Interval 261.4-266.25 m (CSF-A)

Unlithified, light greenish-gray, PACKSTONE with small benthic foraminifers. Intraclasts are present throughout but small (a few mm's to cm's long), and Cibicoides spp (foraminifer) is present. Slight variation in color occur as inclined layers; some of the layers are glauconite rich and contain small foraminifers and intraclasts (beige - black, few mm's - cm's). Evidence of a fluidization structure in the lower part of the core.



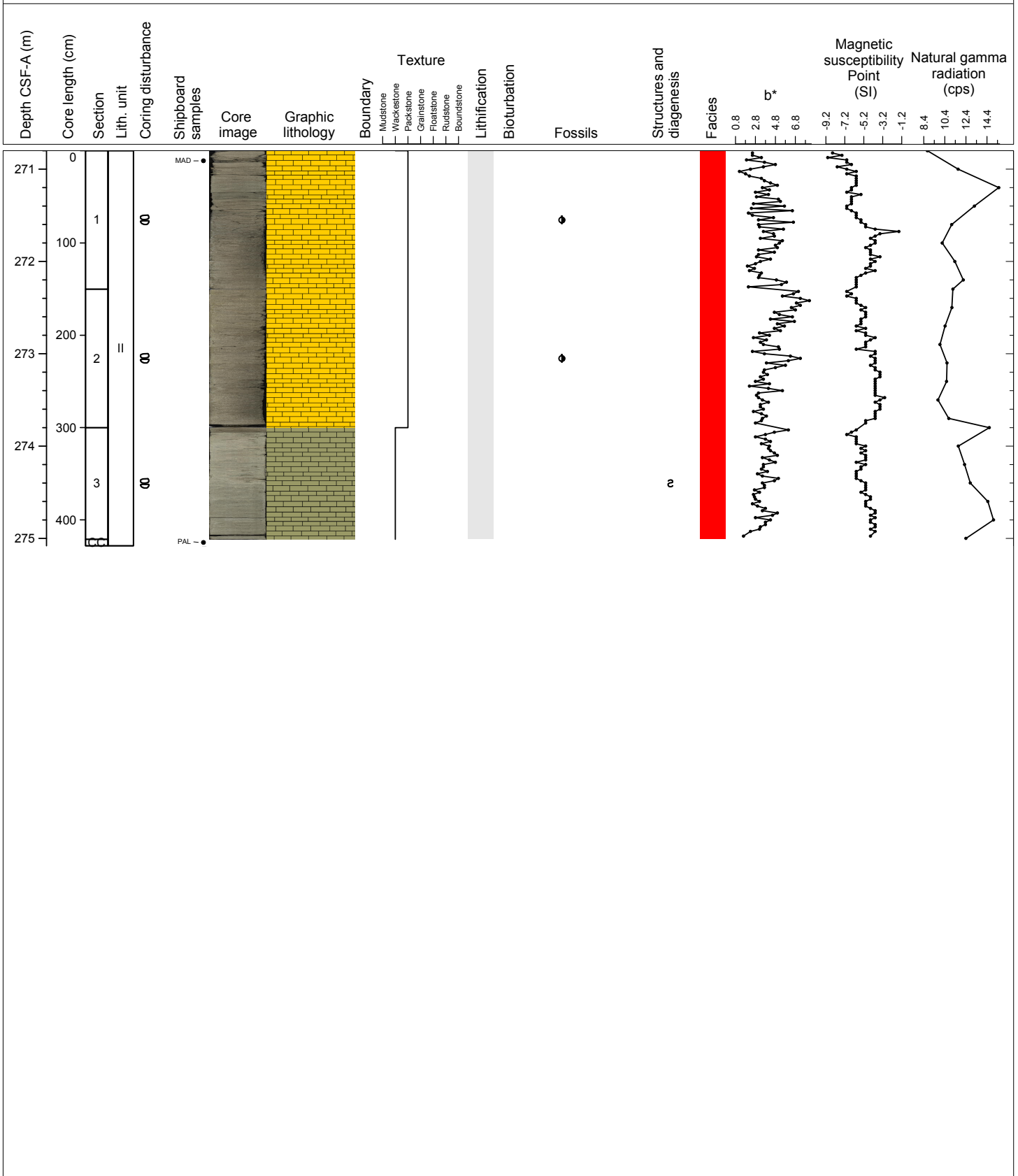
Hole 356-U1460B Core 59F, Interval 266.1-270.54 m (CSF-A)

Homogeneous, partially-lithified, light greenish gray, WACKESTONE with partially-cemented biscuits that are mixed with softer mud (drilling disturbance).



Hole 356-U1460B Core 60F, Interval 270.8-275.08 m (CSF-A)

Homogeneous, un lithified, light greenish gray to light gray, PACKSTONE to WACKESTONE with small benthic foraminifers, a few Cibicidoides spp., and partially-cemented biscuists mixed with the softer mud. There is a fluidized structure in the wackestone and intracalsts of several colors (green, creamy gray, light light greenish gray) and sizes (mm-cm long).



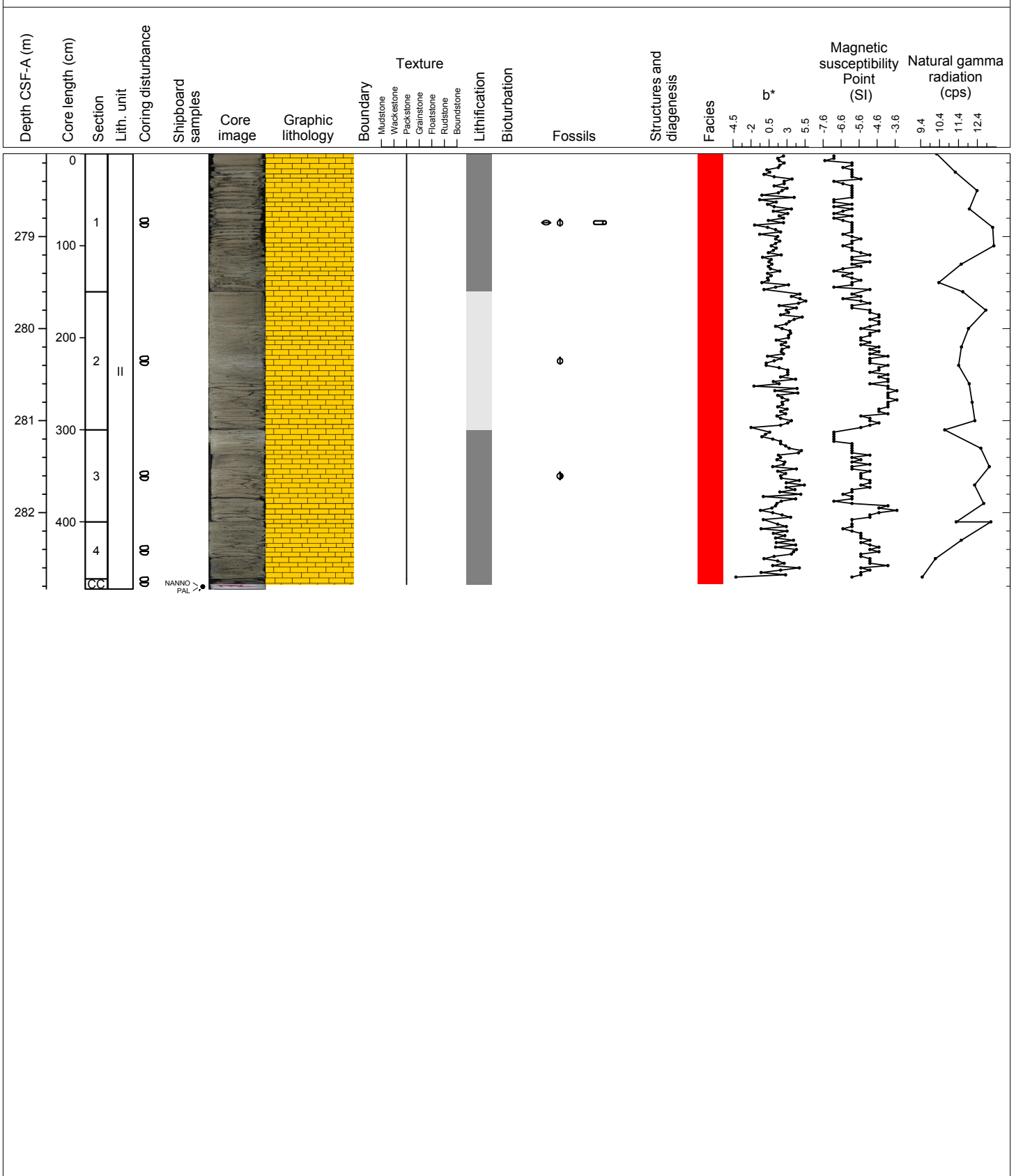
Hole 356-U1460B Core 61F, Interval 275.5-278.16 m (CSF-A)

Unlithified, mixed, WACKESTONE noted by fluidized structures and intraclasts of several colors (green, beige, light greenish gray, light gray, cream). Wackestone is creamy gray to light gray. Soupy deformation (by drilling near the base of Section 2.



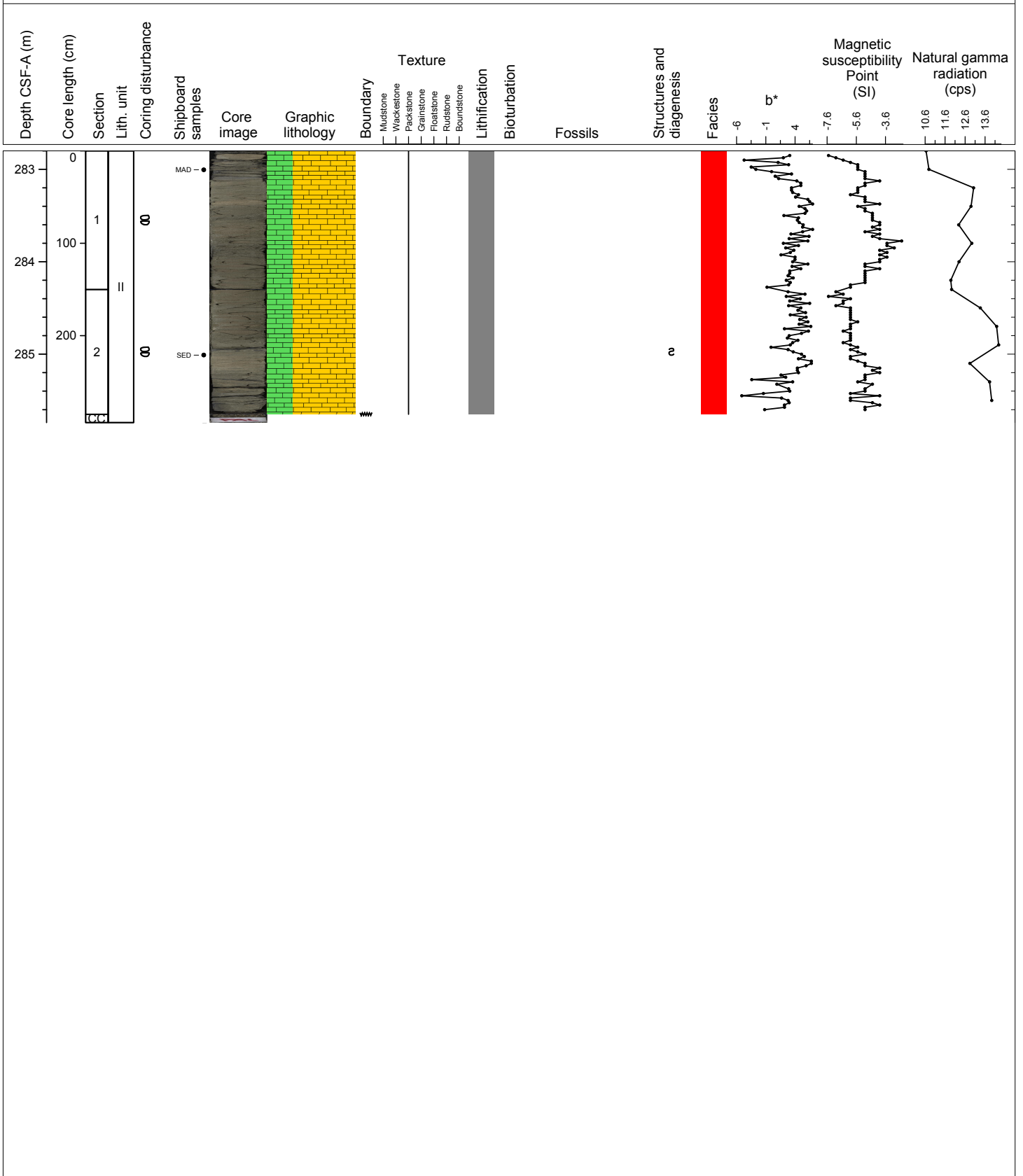
Hole 356-U1460B Core 62F, Interval 278.1-282.83 m (CSF-A)

Primarily homogeneous, partially-lithified, light greenish gray to creamy gray PACKSTONE. The upper section is severely disturbed by drilling as evidenced by cemented biscuits mixed with unlitified mud. The lower section of the core is damaged by fracturing.



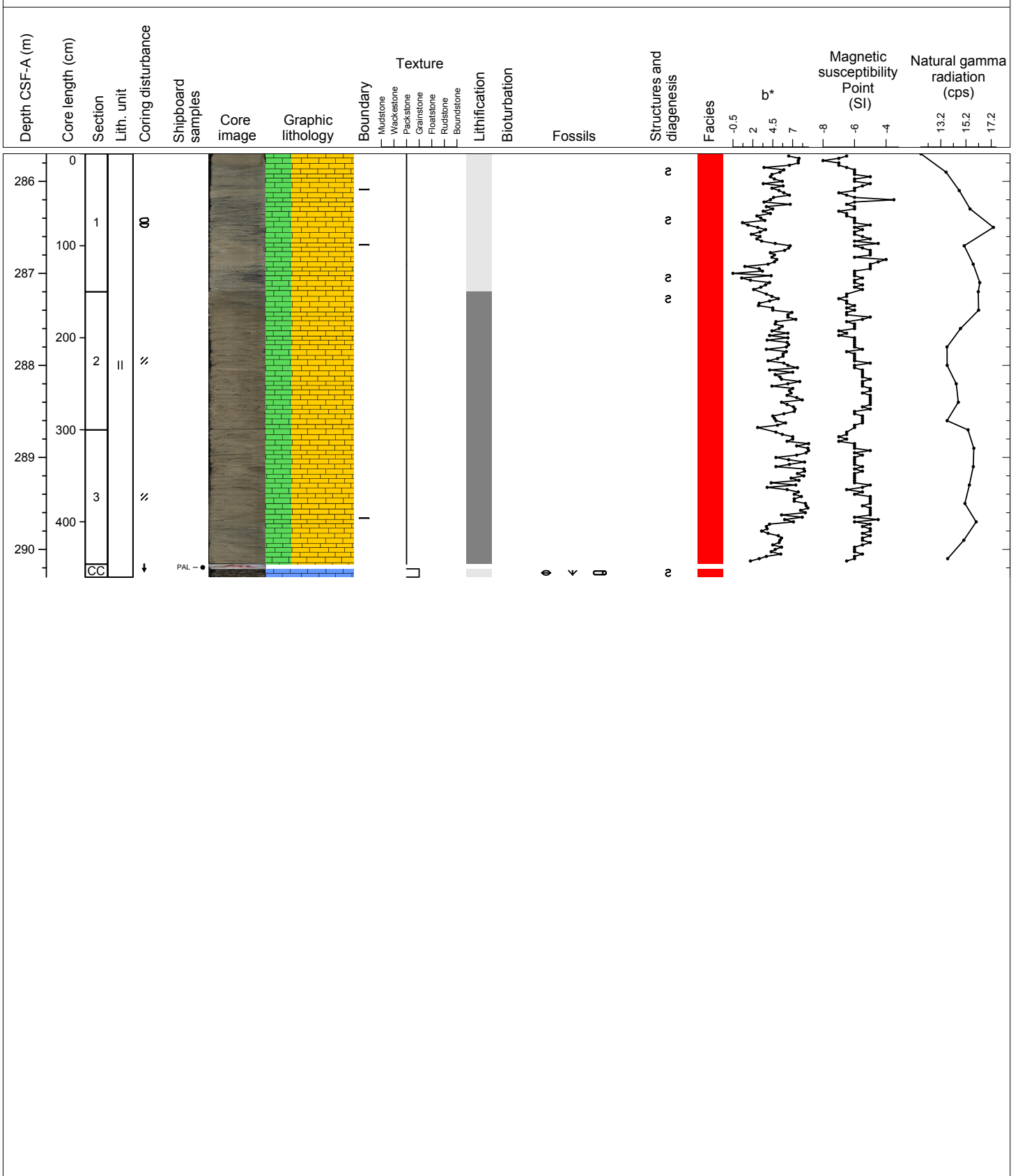
Hole 356-U1460B Core 63F, Interval 282.8-285.74 m (CSF-A)

Partially-lithified, dark greenish gray, glauconite-rich, PACKSTONE with possible bioturbation (white incline and wavy bands). There are dark gray, inclined bands (2 cm thick at 64-65 and 96-97 cm), and a scoured contact (at 110 cm).



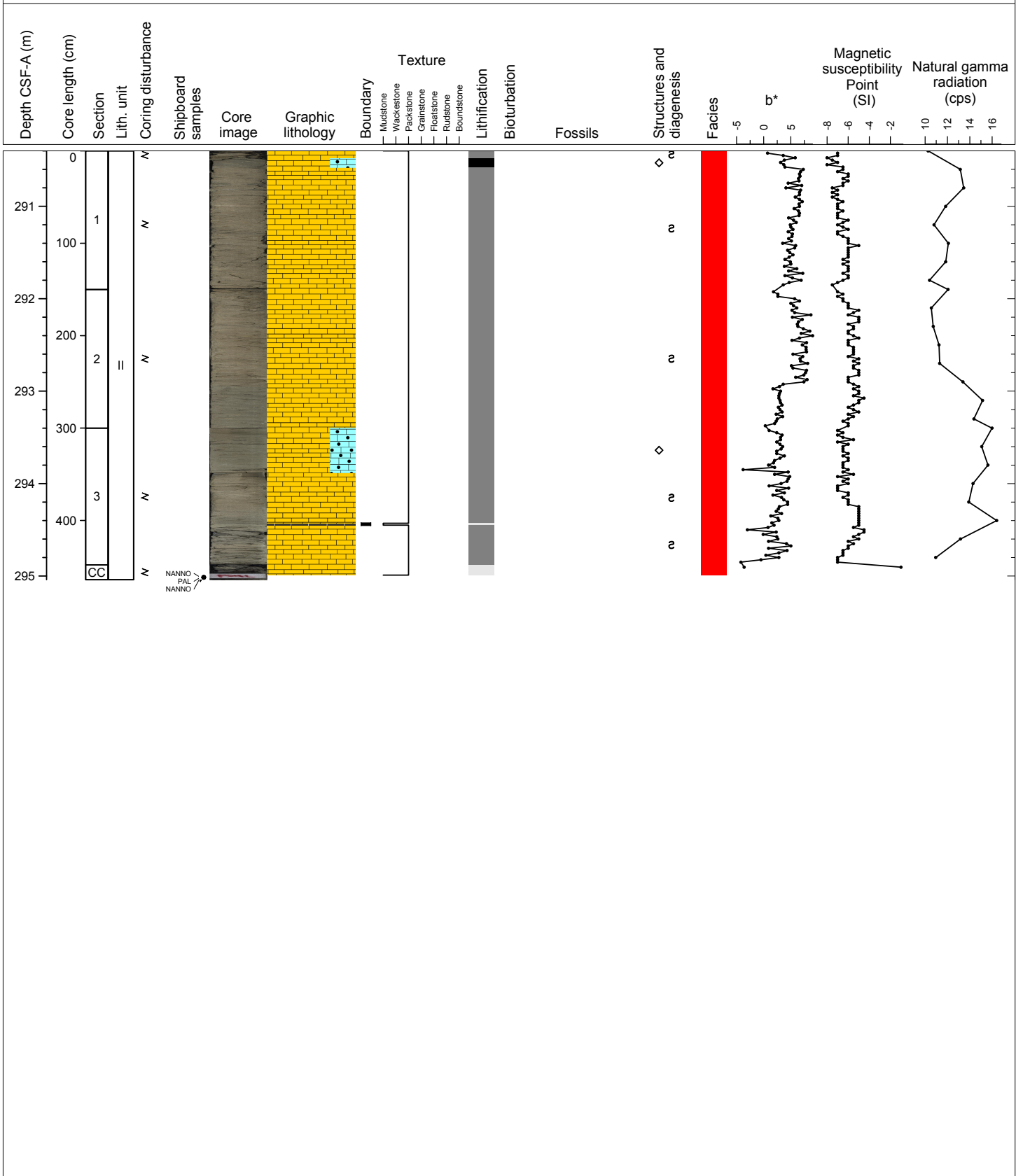
Hole 356-U1460B Core 64F, Interval 285.7-290.3 m (CSF-A)

Unlithified to partially-lithified, dark to light greenish-gray, glauconite-rich, PACKSTONE becomes light brown in the lower part of the core. In the core catcher there is unlithified, light grayish-green PACKSTONE that is characterized by slump structures.



Hole 356-U1460B Core 65F, Interval 290.4-295.04 m (CSF-A)

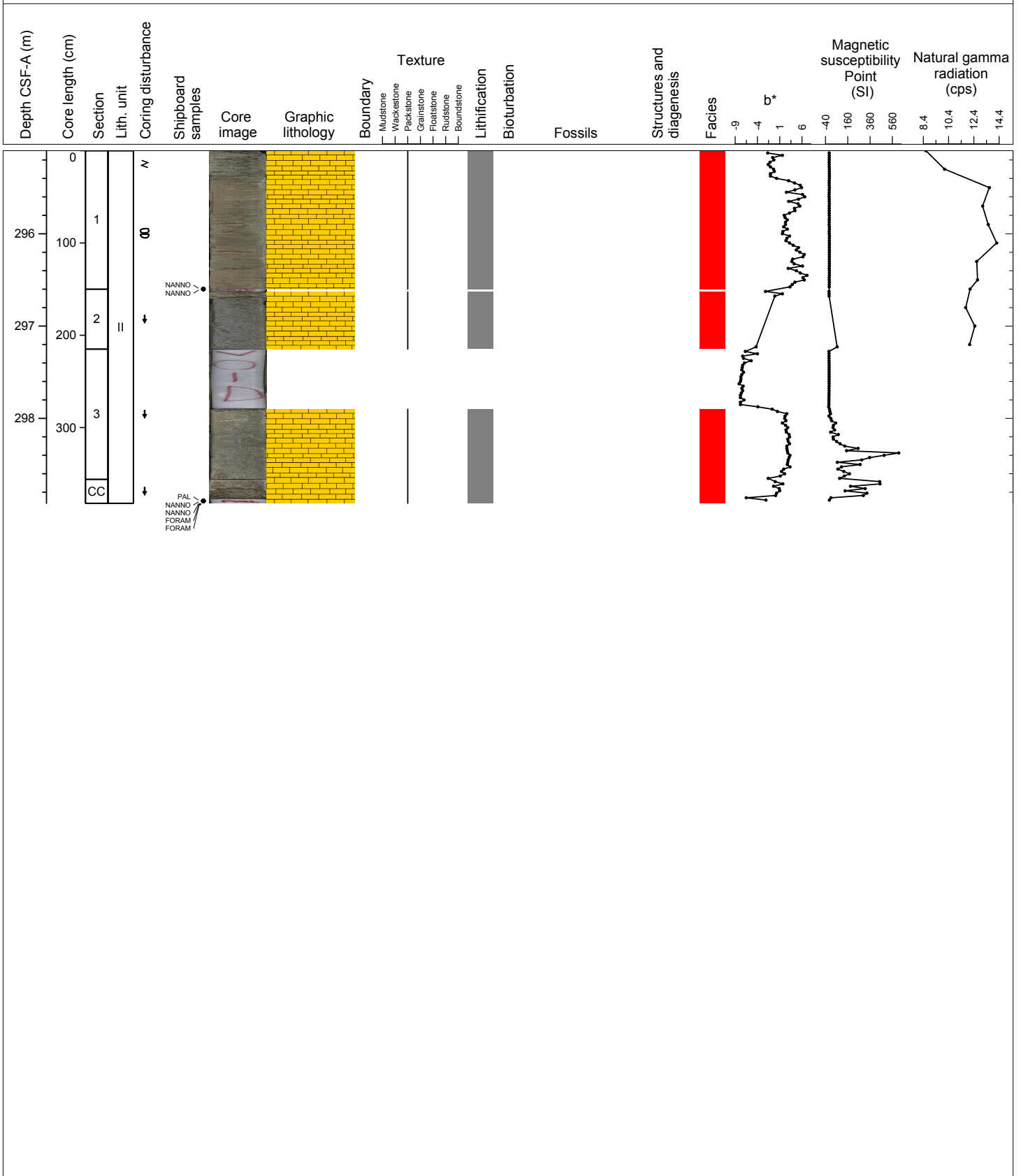
Mixed, partially-lithified, beige to light gray, PACKSTONE and WACKESTONE, characterized by slump structures and with some intraclasts. There is drilling disturbance, fragmentation, near the base of the core.





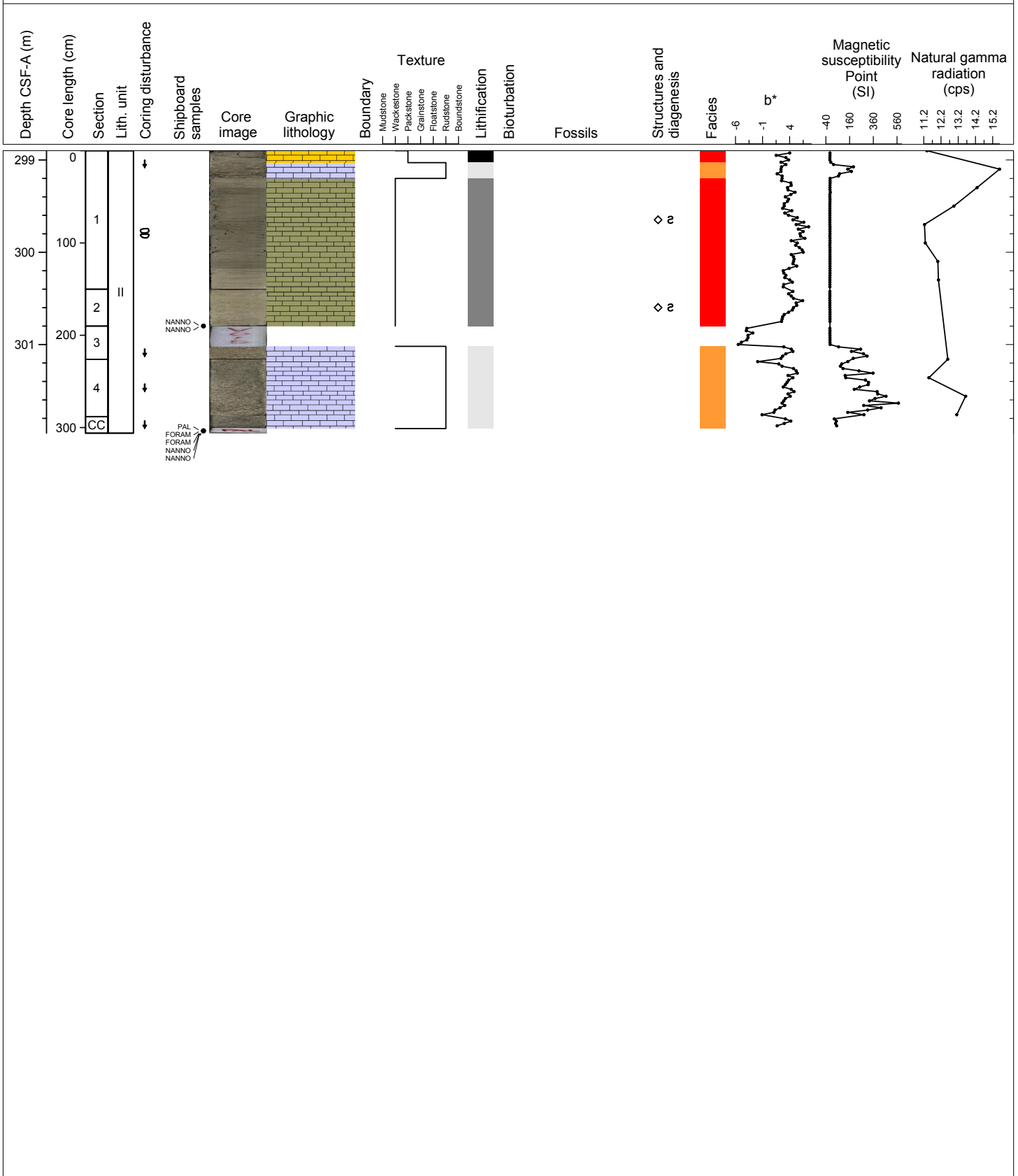
Hole 356-U1460B Core 66F, Interval 295.1-298.92 m (CSF-A)

Mixed, partially-lithified, light gray, PACKSTONE with unlithified, light gray, WACKESTONE. Low recovery rate due to drilling disturbance.



Hole 356-U1460B Core 67F, Interval 298.9-301.96 m (CSF-A)

Mixed, partially-lithified, light gray to beige, WACKESTONE with unlithified, mudstone. There are occasional intraclasts and slump structure. In the lower part of the core there is unlithified, beige, RUDSTONE.



Hole 356-U1460B Core 68F, Interval 301.9-306.65 m (CSF-A)

Mixed, partially-lithified, beige, WACKESTONE with unlithified MUDSTONE. Intraclasts and small benthic foraminifers are common throughout the core.

