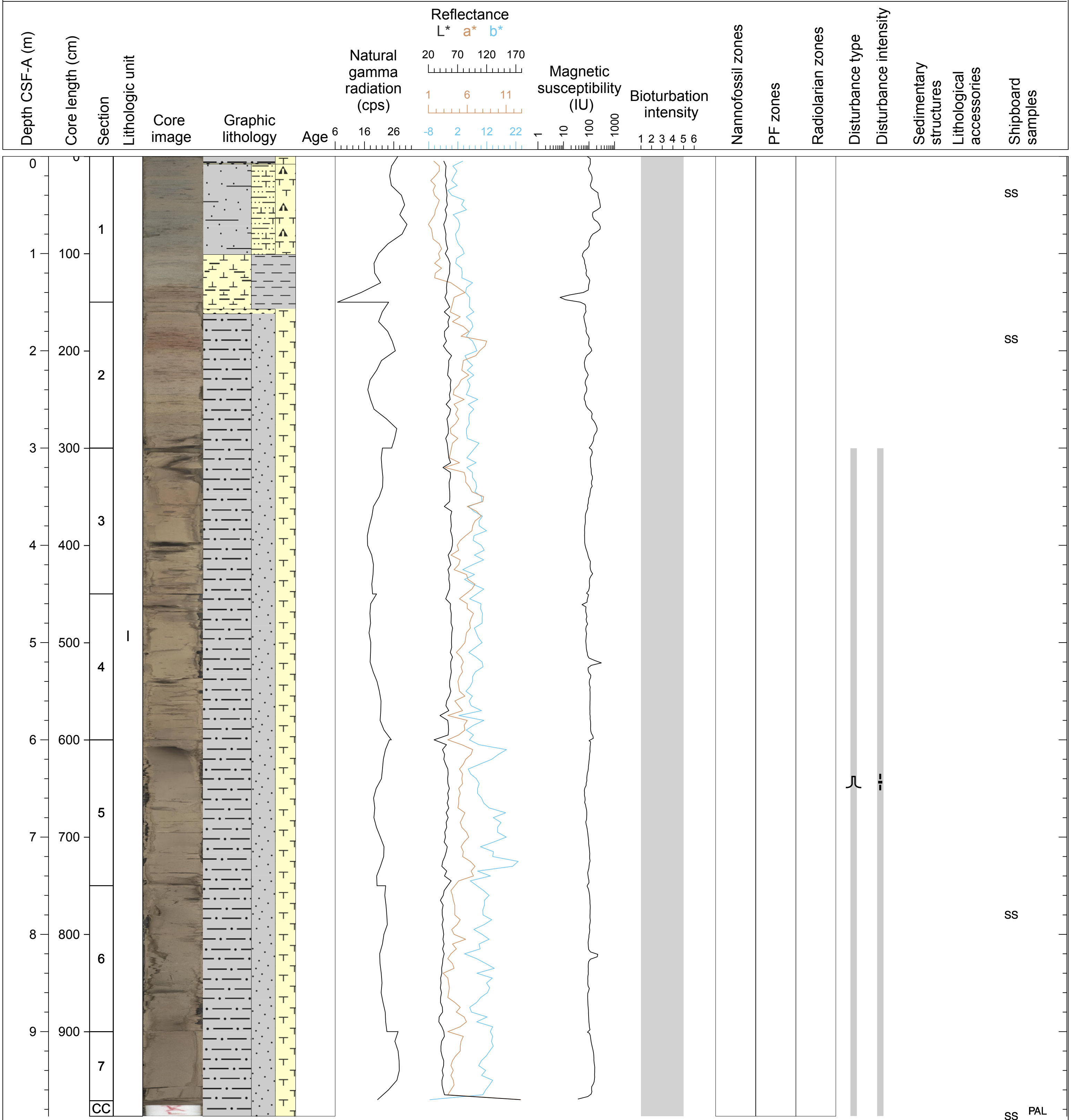
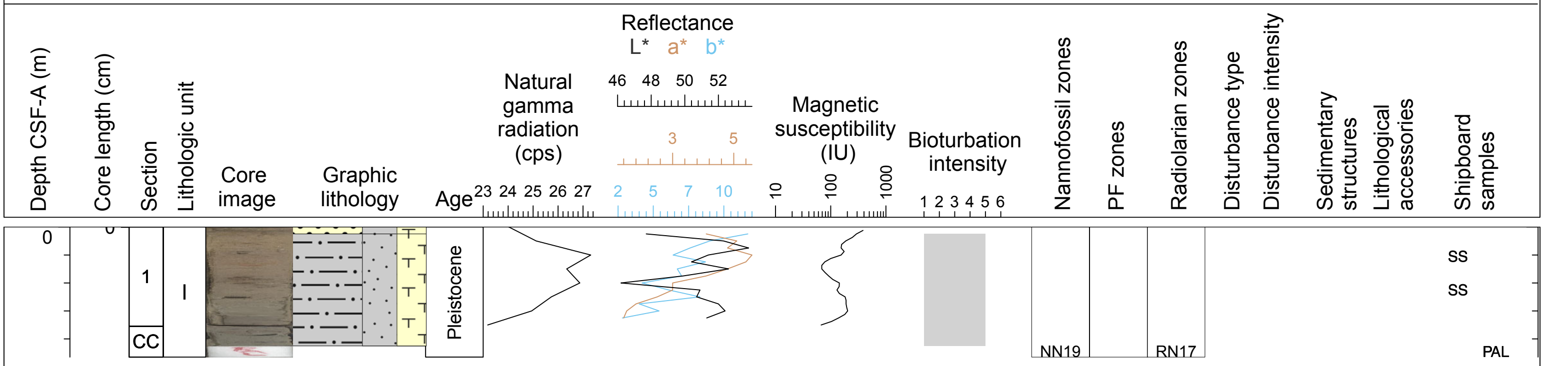
Hole 342-U1411A Core 1H, Interval 0.0-9.87 m (CSF-A)

Core U1411A-1H is composed of gray and reddish brown (10YR 6/1; 5Y 5/1) clayey foraminiferal ooze; gray (5Y 5/1) silty sand with foraminifers and brown to pale brown (7.5YR 5/3, 10YR 6/3) and gray to grayish brown (7.5YR 6/1;10YR 5/2) silty clay with foraminifers. Bioturbation is extensive to complete; discreet burrows are not apparent. Two silty sand with foraminifers layers are present in Section 1, 7 to 8 cm and Section 2, 7 to 12 cm.



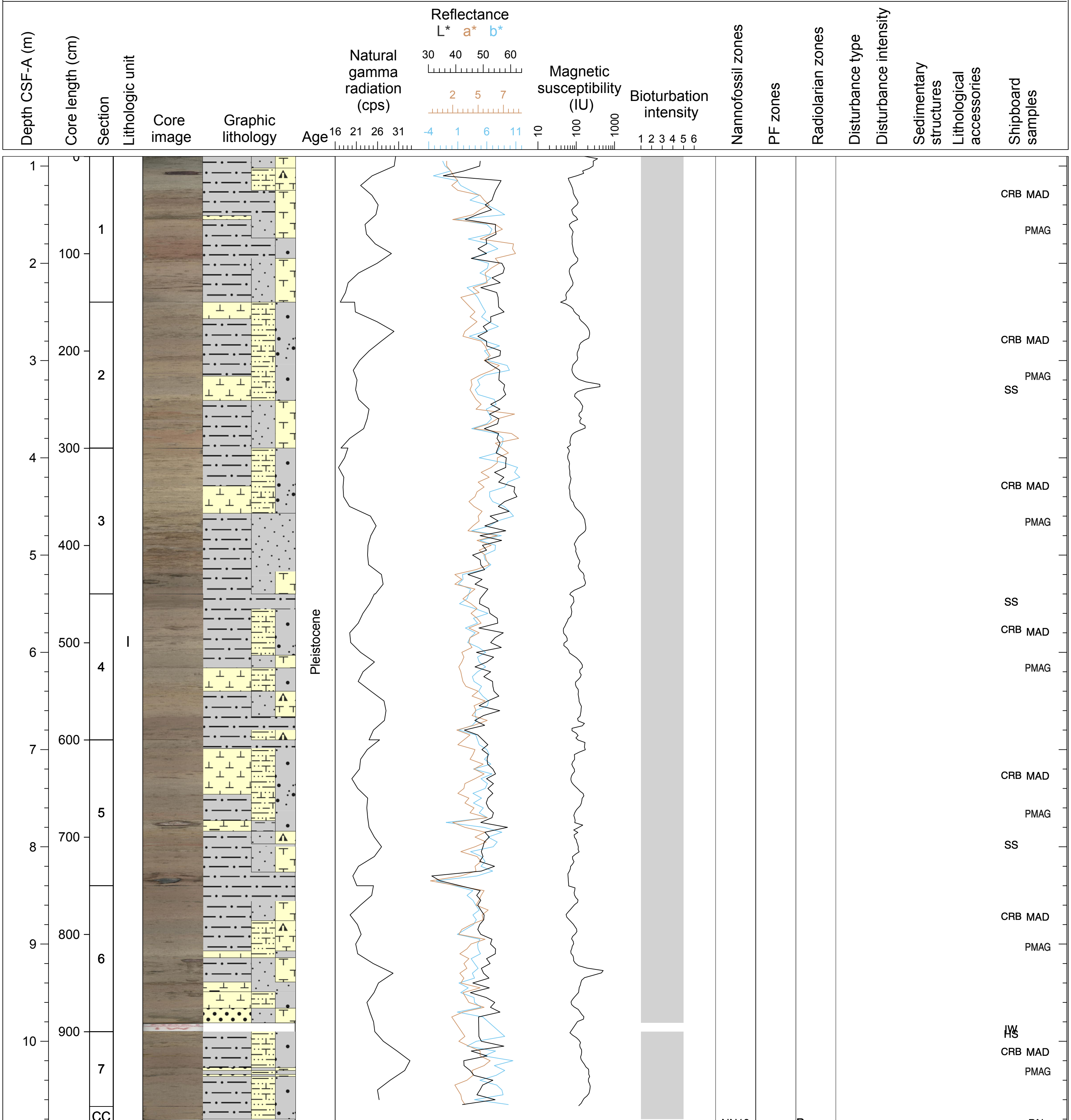
Hole 342-U1411B Core 1H, Interval 0.0-0.93 m (CSF-A)

Core U1411B-1H is a mud-line core composed of gray (5Y 5/1) silty sand with foraminifers and brown to pale brown (10YR 6/3) and gray to grayish brown (7.5YR 5/2) silty clay with foraminifers. Bioturbation is extensive to complete; discreet burrows are not apparent. Two silty sand with foraminifers layers are present in Section 1, 0 to 4 cm.



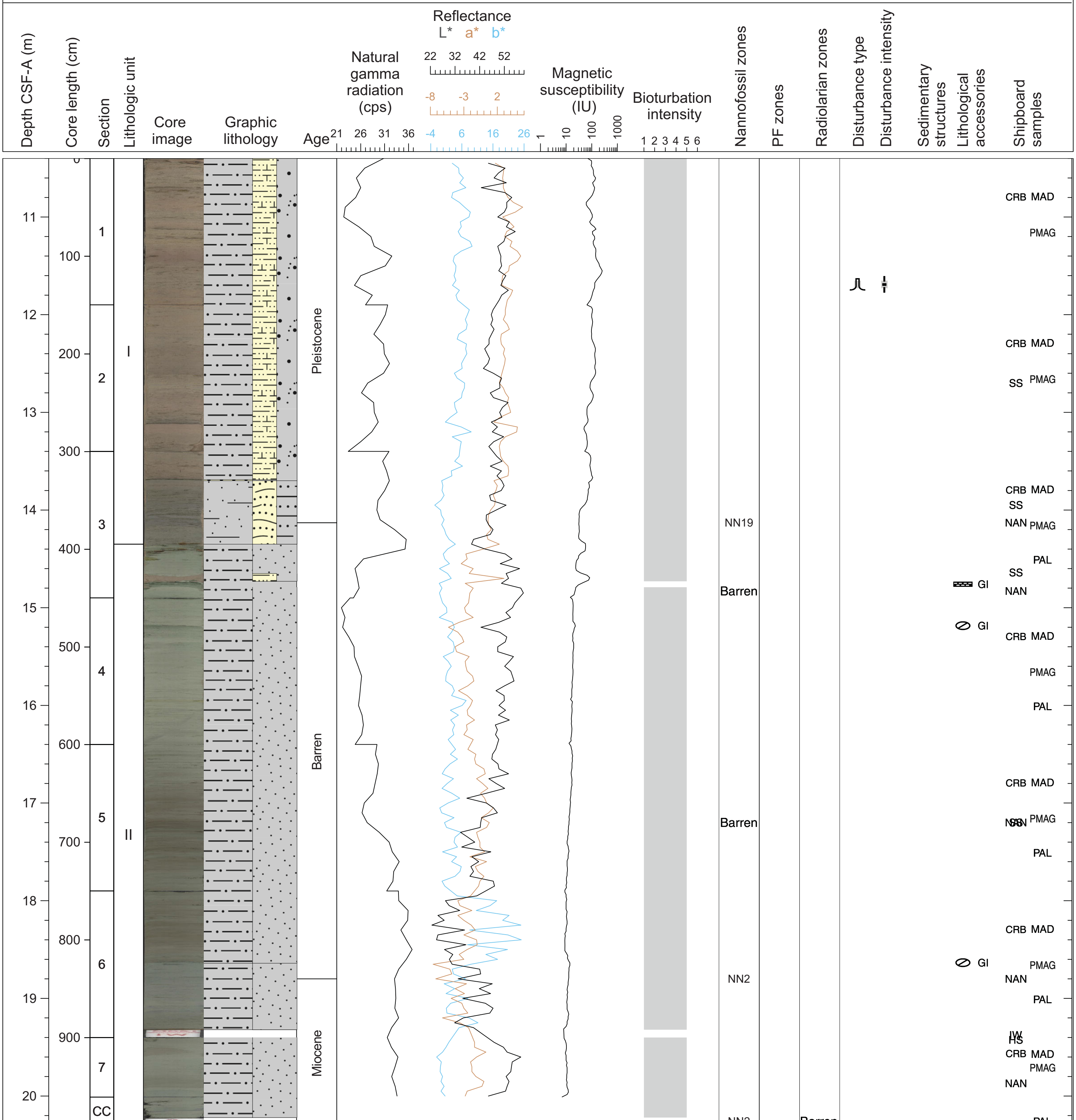
Hole 342-U1411B Core 2H, Interval 0.9-10.88 m (CSF-A)

Core U1411B-2H is composed a mixed package of characteristically Pleistocene sediments: gray and reddish brown (10YR 6/1; 5Y 5/1) clayey foraminiferal ooze; gray (5Y 5/1) silty sand with foraminifers and brown to pale brown (7.5YR 5/3, 10YR 6/3) and gray to grayish brown (7.5YR 6/1;10YR 5/2) silty clay with foraminifers. Minor lithologies include strong brown (10YR 5/4) clay and minor silty sands with foraminifers. Bioturbation is extensive to complete; discreet burrows are not apparent. Pebble sized dropstones (limestone, arkosic sandstone and granite with red-till matrix cemented to surface) are common.



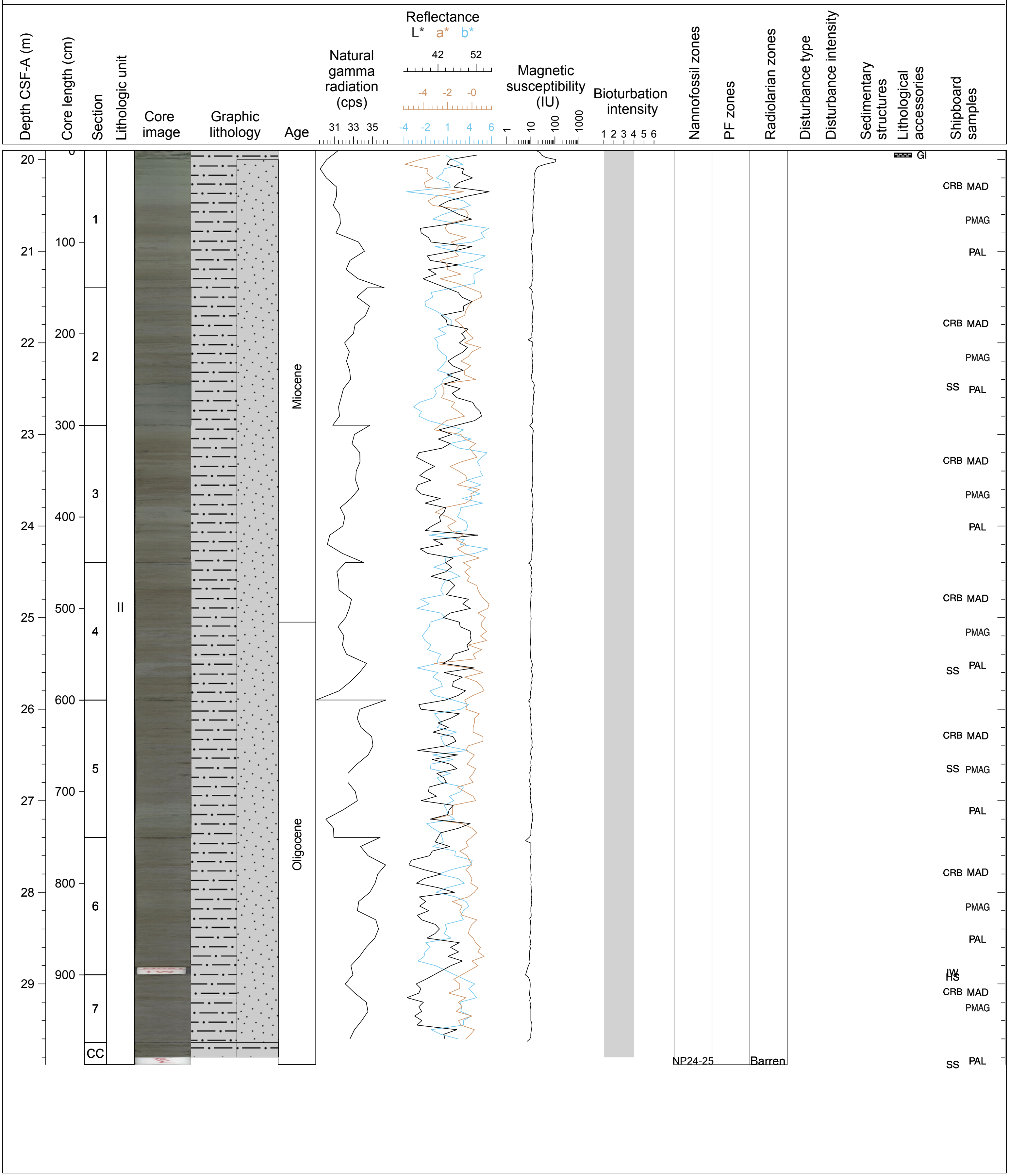
Hole 342-U1411B Core 3H, Interval 10.4-20.3 m (CSF-A)

Core U1411B-3H is composed a mixed package of characteristically Pleistocene sediments transitioning to Miocene age silty clays. Pleistocene sediments are gray and reddish brown (10YR 6/1; 5Y 5/1) clayey foraminiferal ooze; gray (5Y 5/1) silty sand with foraminifers and brown to pale brown (7.5YR 5/3, 10YR 6/3) and gray to grayish brown (7.5YR 6/1;10YR 5/2) silty clay with foraminifers. Bioturbation is extensive to complete; discreet burrows are not apparent. The tranistion to Miocene age silty clays is in Section 3, 95cm; sediments are are greenish gray (5GY 6/1) and dark greenish gray (5Y 4/1). The transition is a sharp contact. and demarcated by the presence of decomposing Mn-nodules A true glauconitic hardground is present in Section 3, 133 cm. Flow-in separates the transition from the underlying glauconitic hardground at the base of Section 3. The dark greenish gray silty clays present in sections 5 and 6 are differentiated from the surrounding greenish gray silty clays by higher sulfide content and possibly more organic matter.



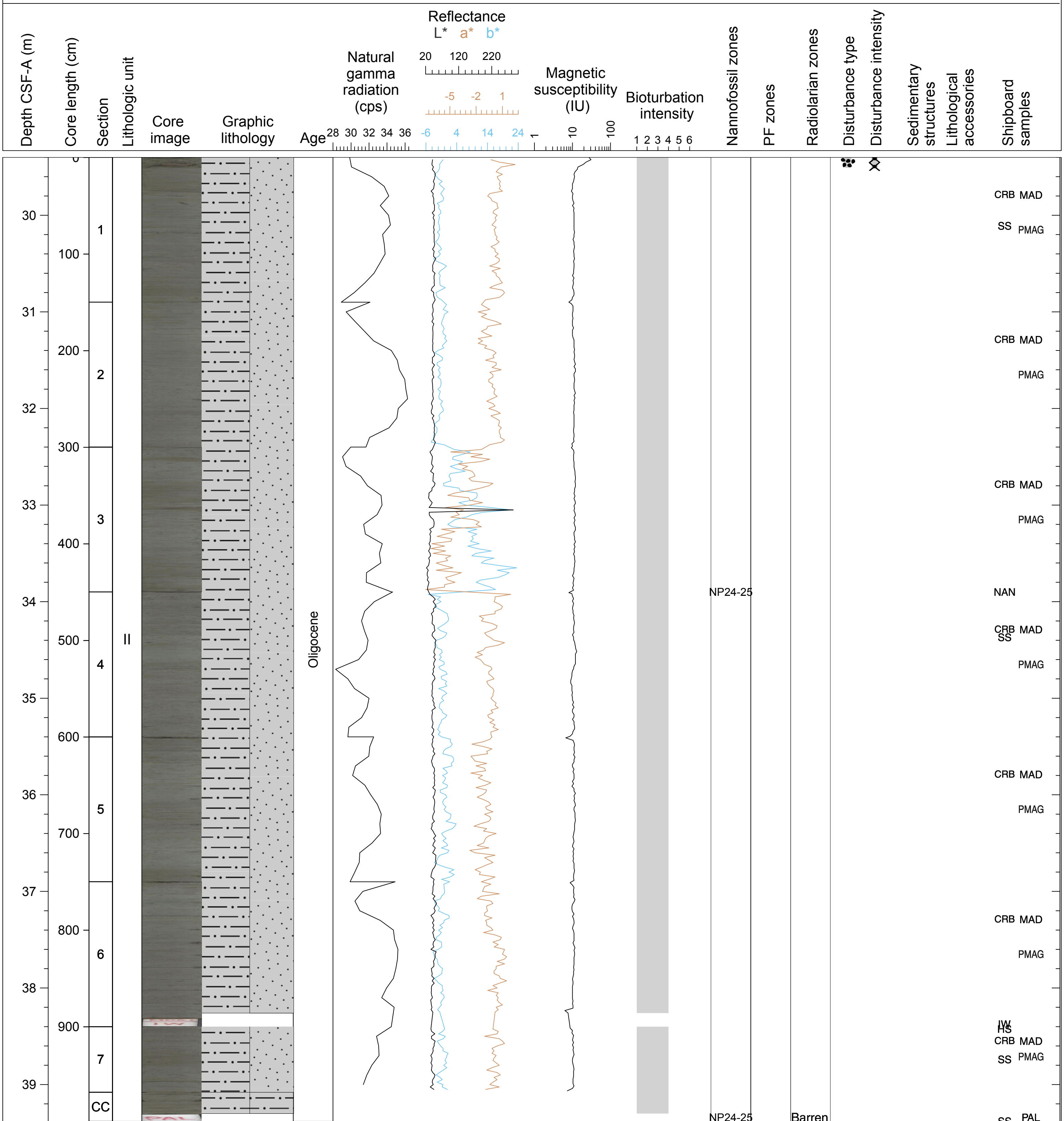
Hole 342-U1411B Core 4H, Interval 19.9-29.88 m (CSF-A)

Core U1411B-4H is composed of greenish gray (5GY 6/1) and dark greenish gray (10Y 4/1; 5GY 4/1) silty clay. Core color is mottled in appearance between greenish gray and dark greenish gray; sulfides are present in smear slides and are more abundant in darker intervals. Core surface glints with common micas and silt is principally composed of highly angular quartz, micas, lithics and pyroxenes.



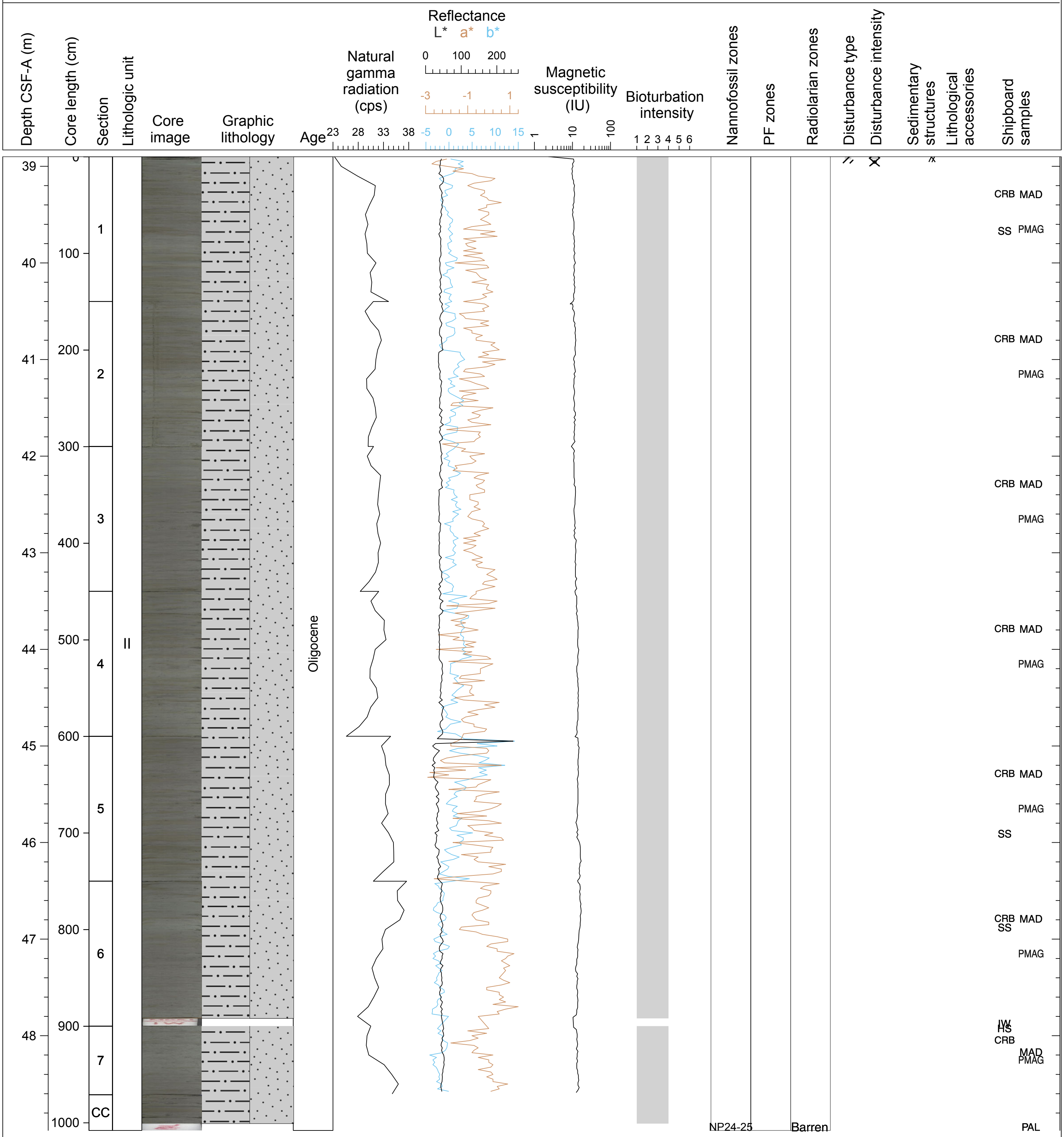
Hole 342-U1411B Core 5H, Interval 29.4-39.38 m (CSF-A)

Dropstone in top 10cm. Bedazzled with mica. Core U1411B-5H is 10Y 4/1 (dark greenish gray) to 5GY 4/1 (dark greenish gray). The sediment is silty clay, moderately burrowed and mottled. Pyrite is abundant.



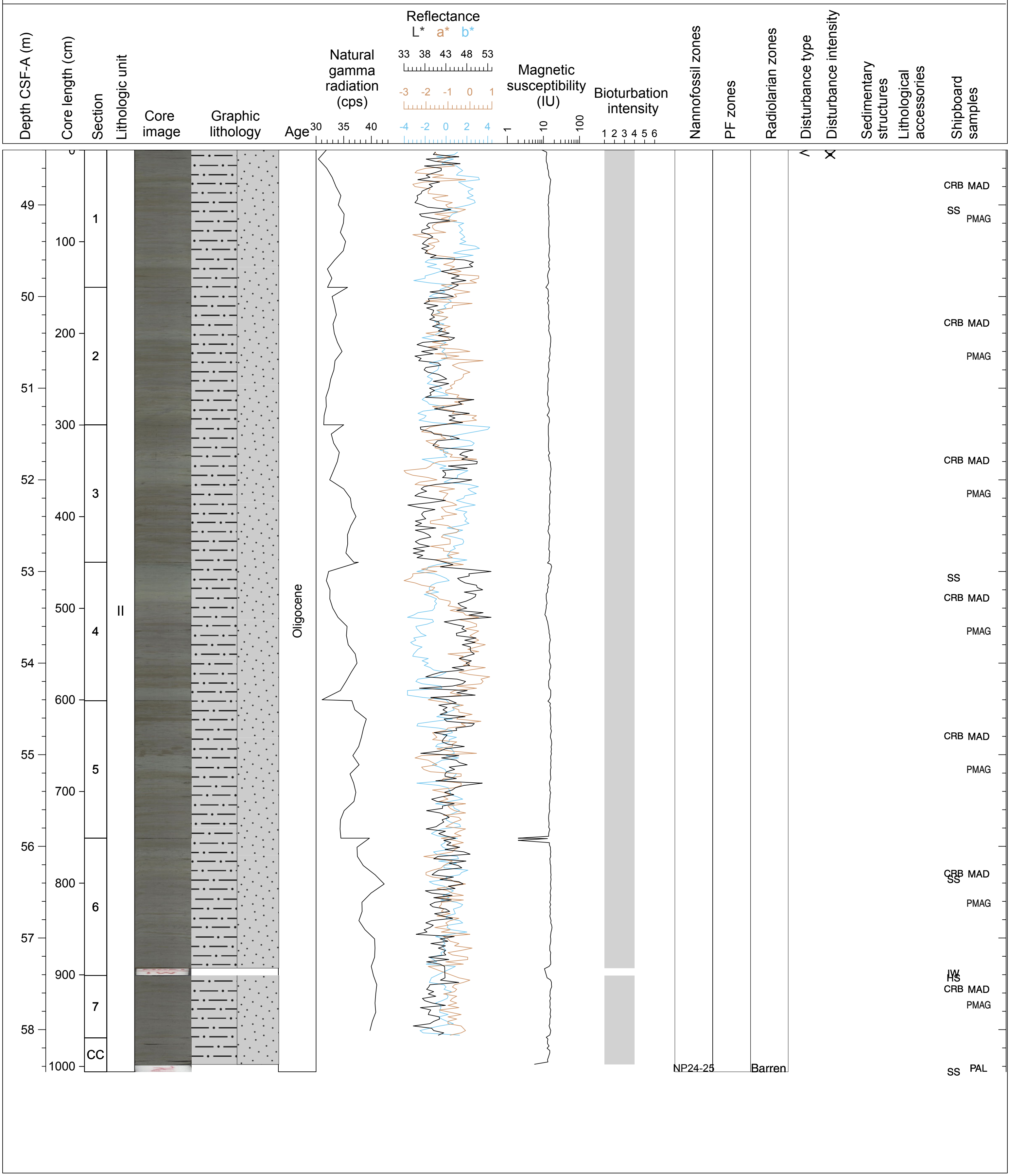
Hole 342-U1411B Core 6H, Interval 38.9-48.98 m (CSF-A)

Core U1411B-6H is 10Y 4/1 (dark greenish gray) to 5GY 4/1 (dark greenish gray). The sediment is silty clay, moderately burrowed and mottled. Bedazzled with mica. Beaucoup quartz silt blebs. Pyrite is abundant. The top 3cm of Section 1 are disturbed.



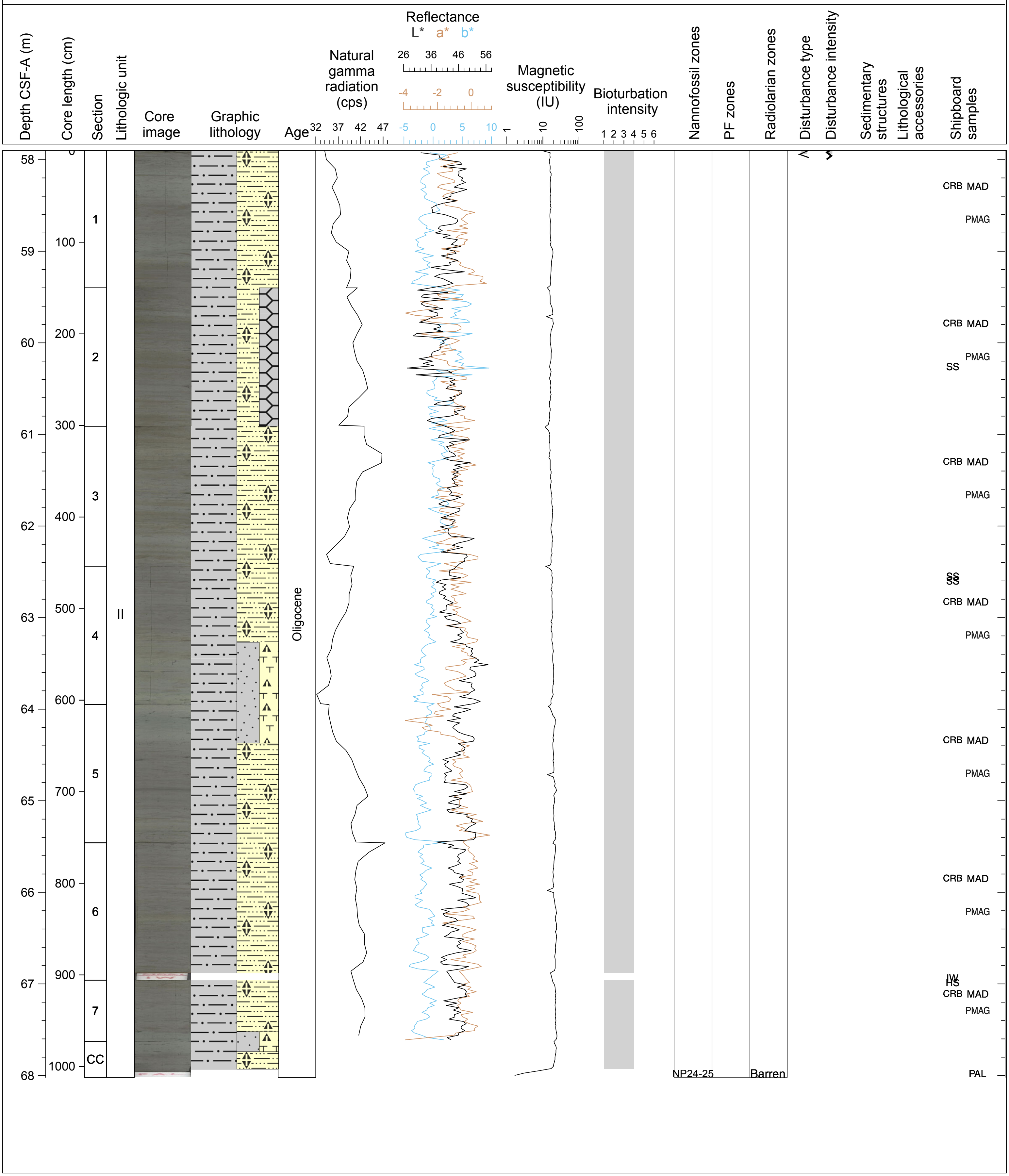
Hole 342-U1411B Core 7H, Interval 48.4-58.46 m (CSF-A)

Core U1411B-7H is 5GY 5/1 (greenish gray) to 5GY 4/1 (dark greenish gray). The sediment is silty clay, moderately burrowed and mottled. Beaucoup quartz silt blebs. Pyrite is abundant.



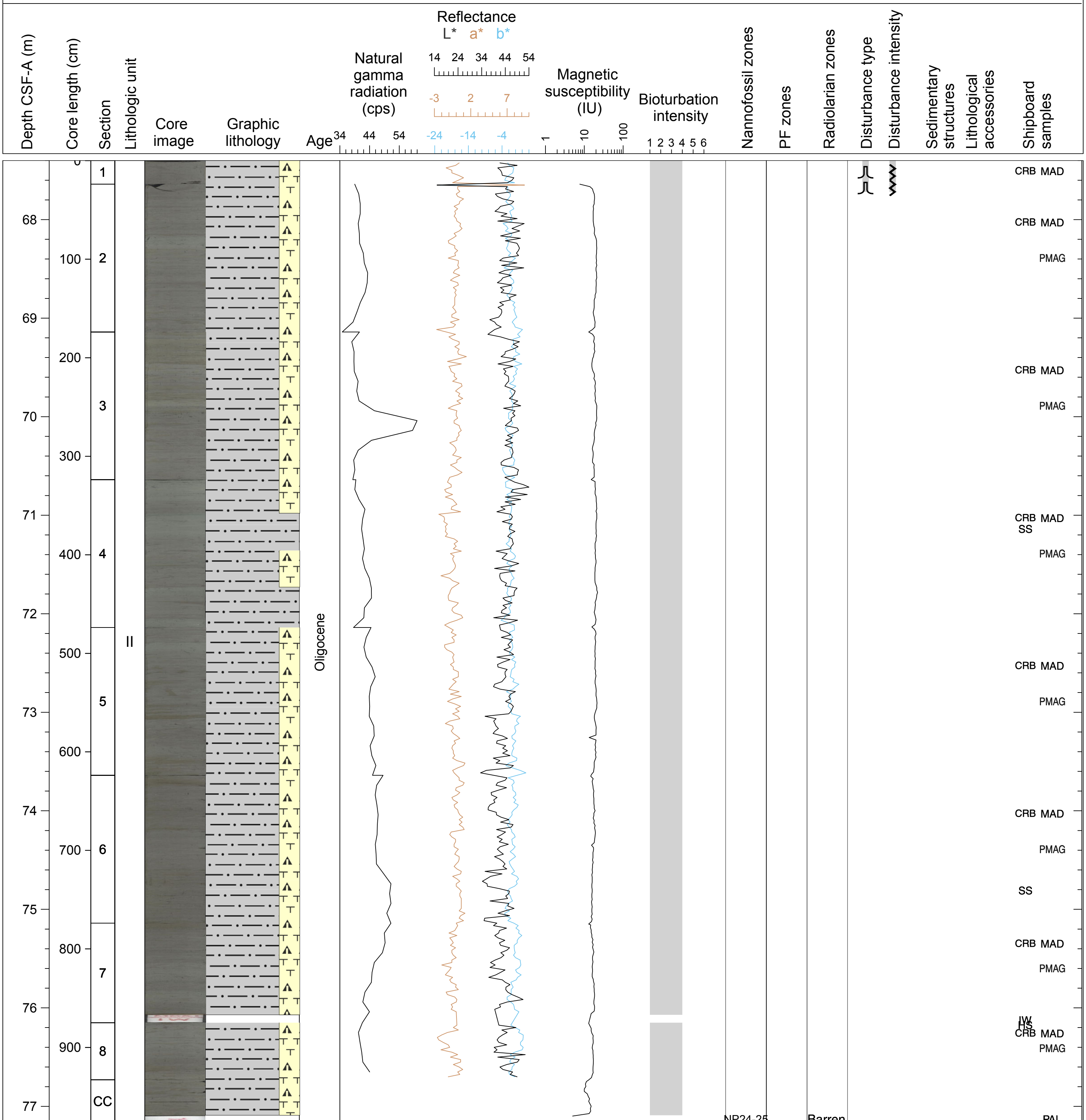
Hole 342-U1411B Core 8H, Interval 57.9-68.02 m (CSF-A)

Core U1411B-8H is 10GY 5/1 (greenish gray) to 10Y 4/1 (dark greenish gray). The sediment is silty clay with nannos and nannofossil clay , moderately burrowed and mottled. Beaucoup quartz silt blebs. Pyrite is abundant. The top 3cm in Section 1 are disturbed.



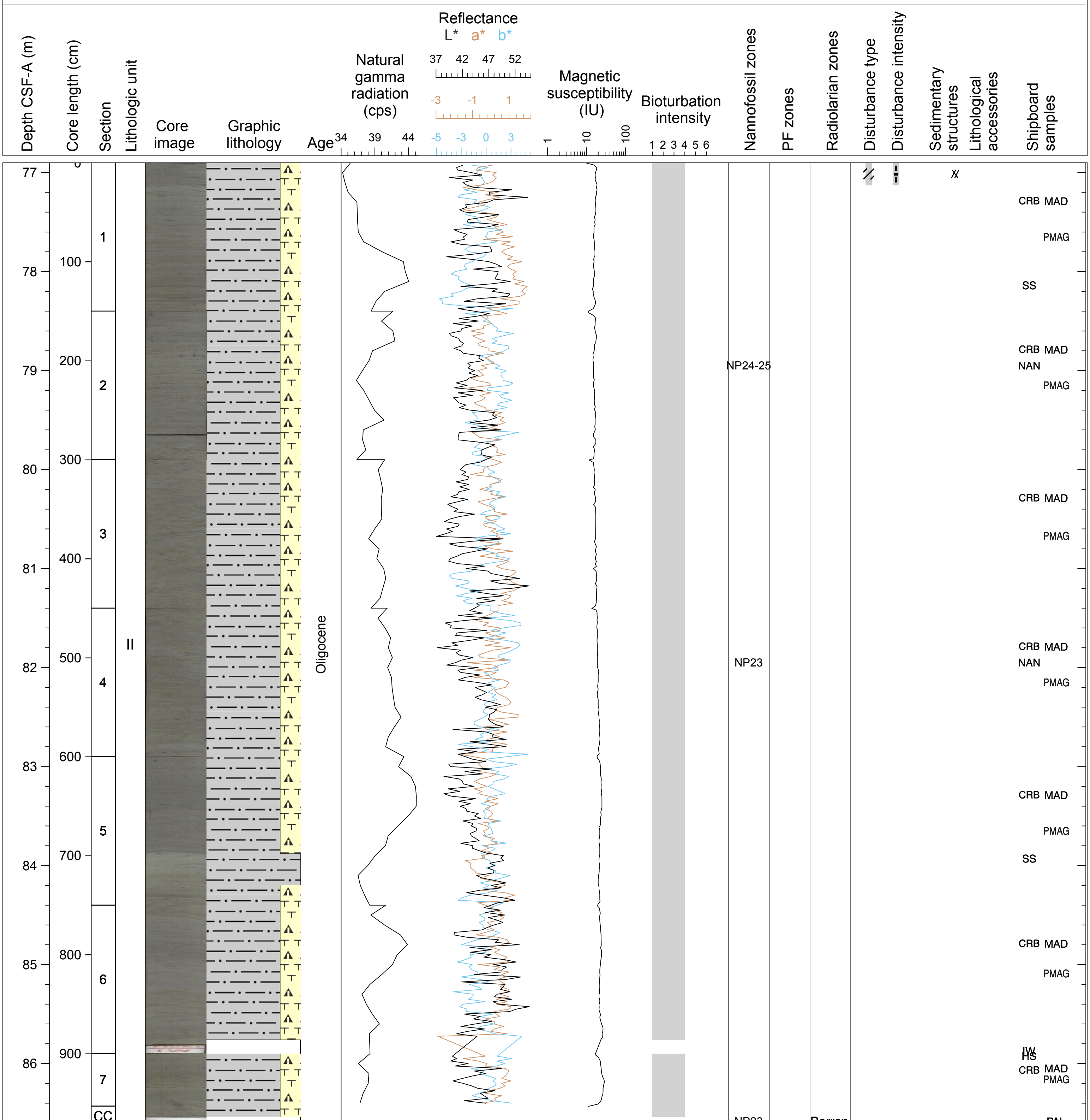
Hole 342-U1411B Core 9H, Interval 67.4-77.17 m (CSF-A)

Core U1411B-9H is 10GY 5/1 (greenish gray) to 10Y 4/1 (dark greenish gray). The sediment is silty clay with nannos and nannofossil clay , moderately burrowed and mottled. Beaucoup quartz silt blebs. Pyrite is abundant. The top 2cm in Section 1 are highly disturbed.



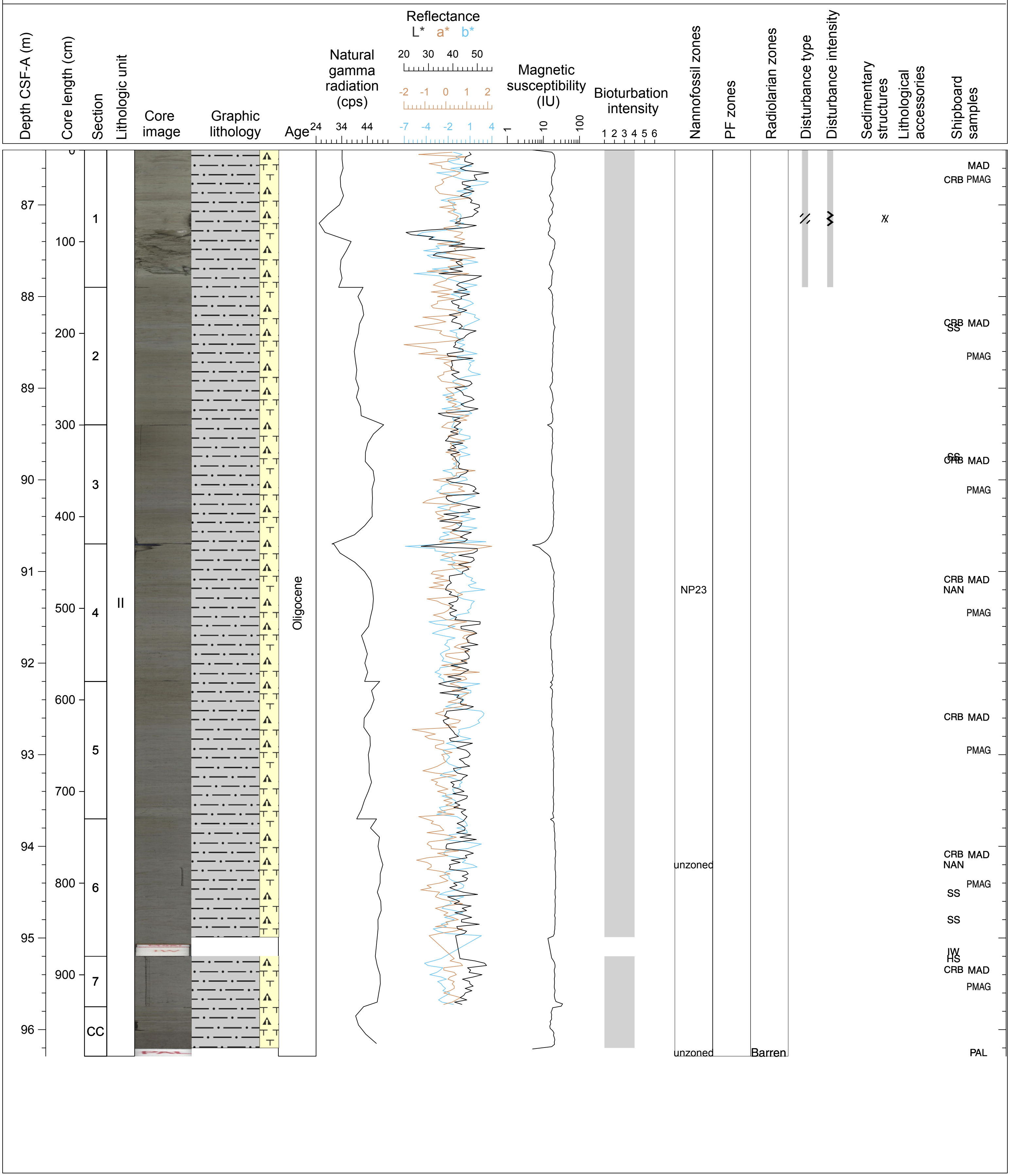
Hole 342-U1411B Core 10H, Interval 76.9-86.63 m (CSF-A)

Core U1411B-10H is 10GY 5/1 (greenish gray) to 10Y 4/1 (dark greenish gray). The sediment is silty clay with nannos and nannofossil clay , moderately burrowed and mottled. Pyrite is abundant. The top 23cm in Section 1 are disturbed.



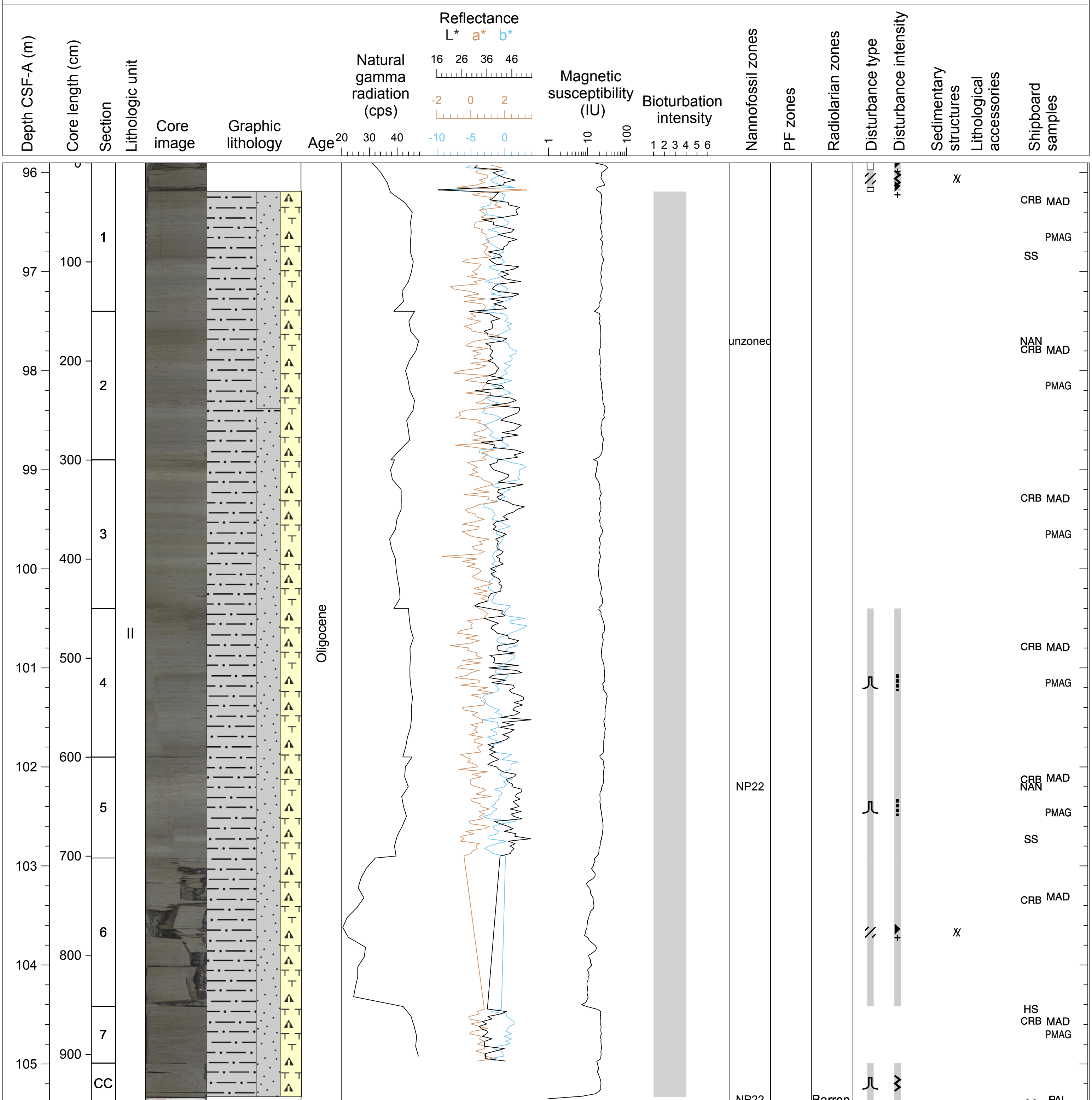
Hole 342-U1411B Core 11H, Interval 86.4-96.29 m (CSF-A)

Core U1411B-11H is 10GY 5/1 (greenish gray) to 10Y 4/1 (dark greenish gray). The sediment is silty clay with nannos and nannofossil clay , moderately burrowed and mottled. Pyrite is abundant. Section 1 is destroyed between 85cm and 135cm.



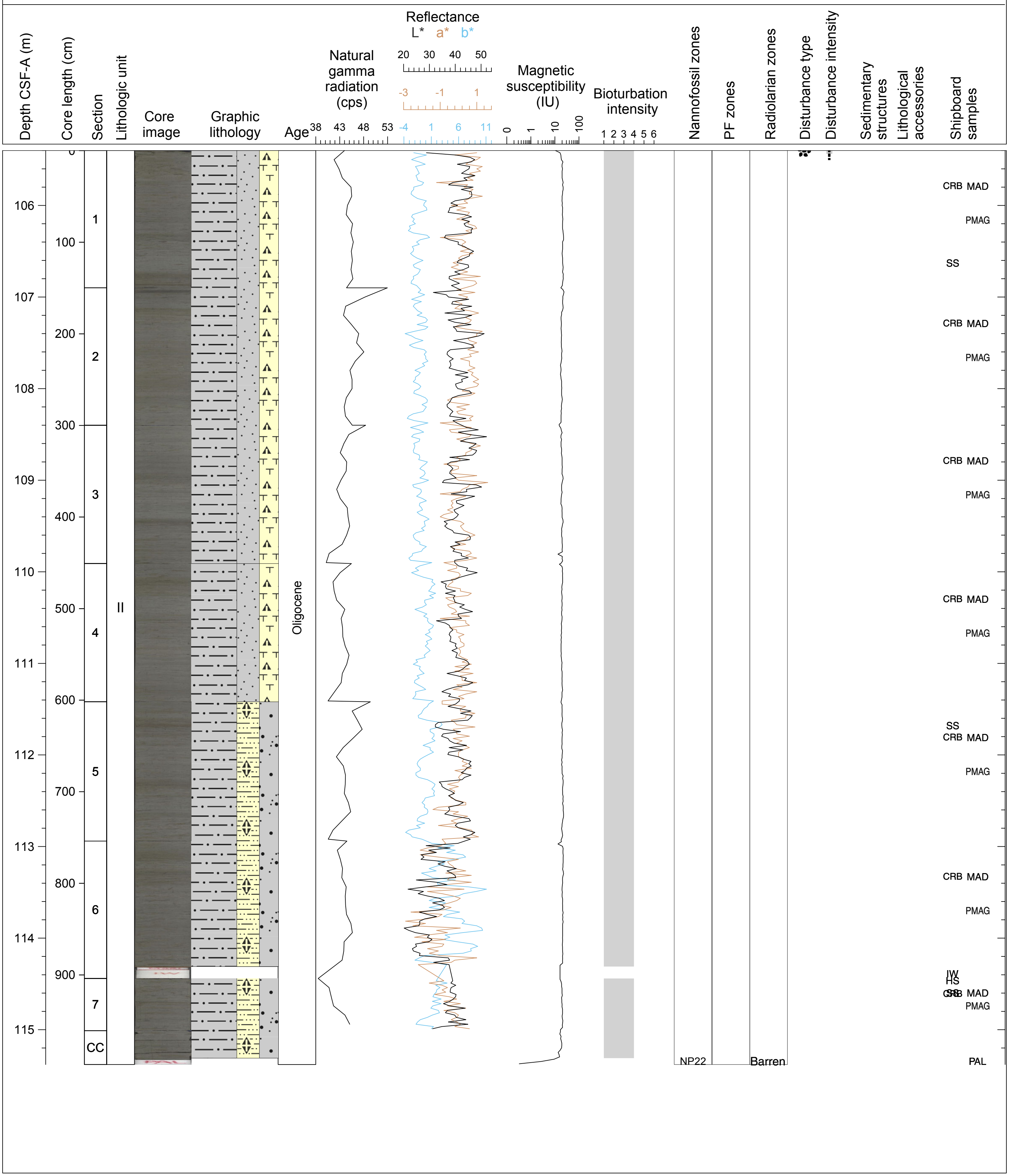
Hole 342-U1411B Core 12H, Interval 95.9-105.4 m (CSF-A)

Core U1411B-12H is 10GY 5/1 (greenish gray) to 10Y 4/1 (dark greenish gray). The sediment is silty clay with nannos and nannofossil clay , moderately burrowed and mottled. Pyrite is abundant. Voids between 1 and 7cm and 25 and 29cm in Section 1. Section 6 is badly fractured.



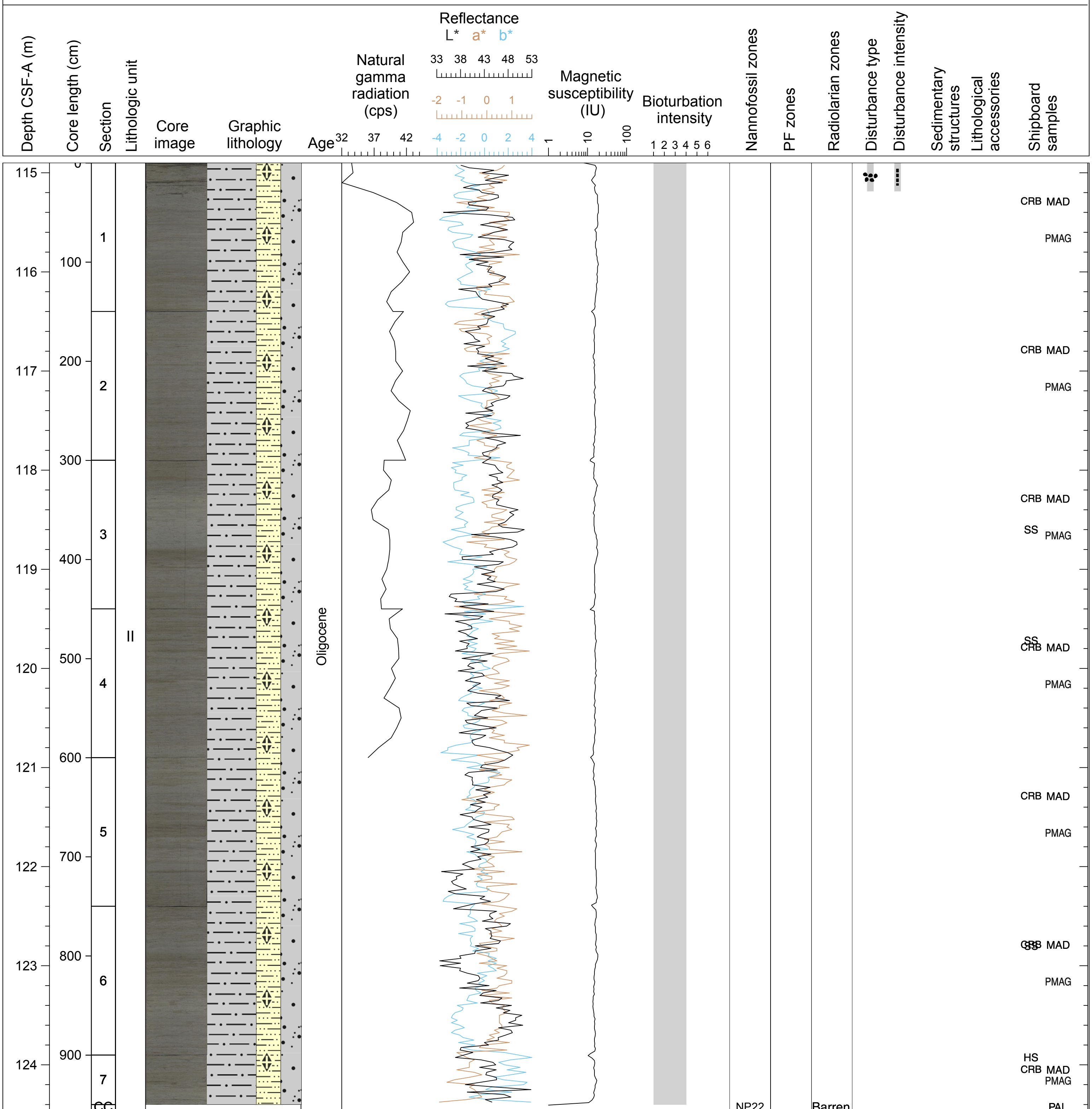
Hole 342-U1411B Core 13H, Interval 105.4-115.38 m (CSF-A)

Core U1411B-13H is composed of dark gray and dark greenish gray (5Y 4/1.10Y 4/1) silty clay with nannofossils and nannofossil clay with silt. Bioturbation produces a distinct dark on dark mottled surface resulting from sulfide mineralization of burrows. Typical, white quartz-rich blebs are common throughout the core. The top 2cm of Section 1 is disturbed.



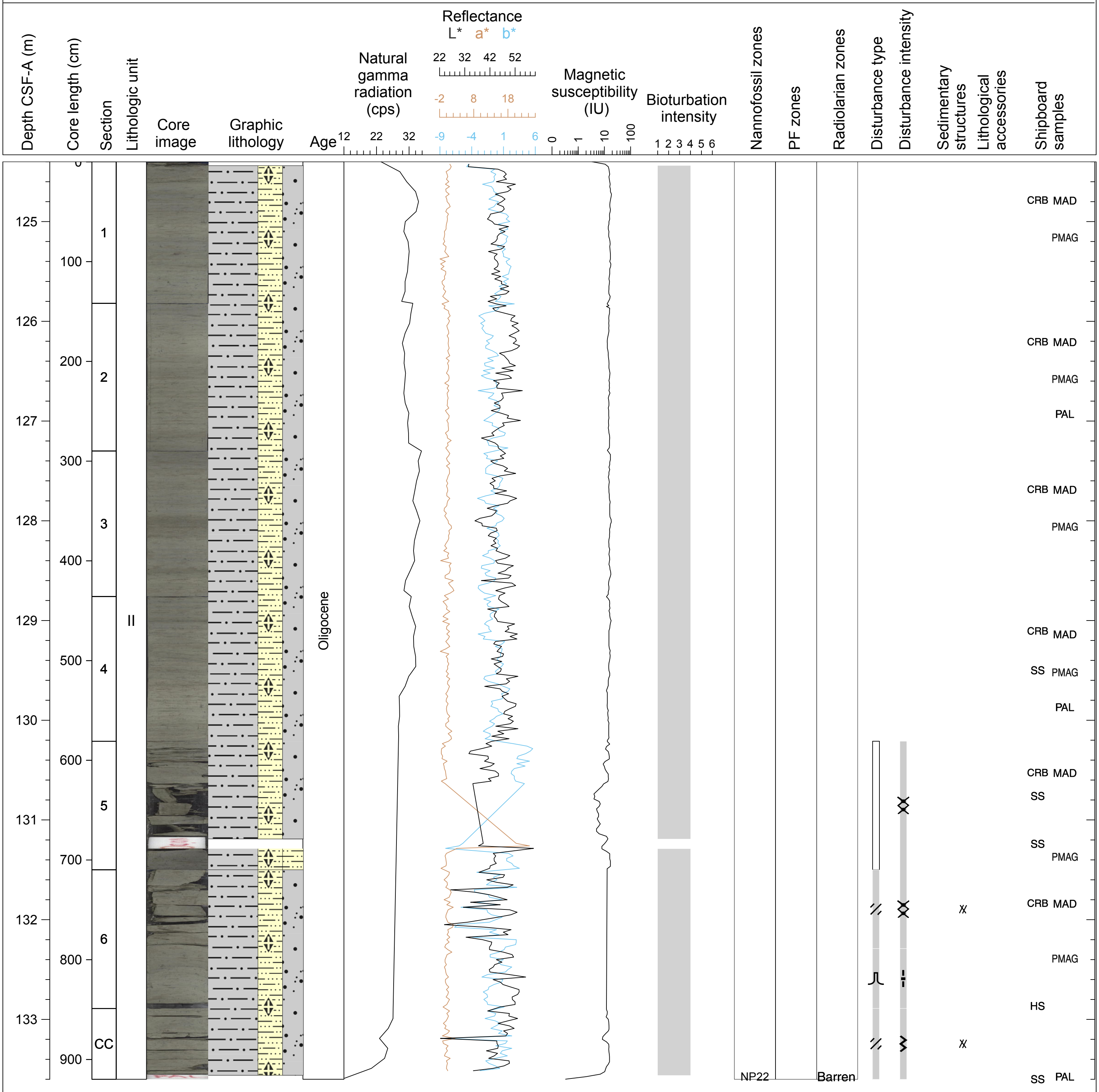
Hole 342-U1411B Core 14H, Interval 114.9-124.45 m (CSF-A)

Core U1411B-14H is composed of dark gray and dark greenish gray (5Y 4/1.10Y 4/1) silty clay with nannofossils and nannofossil clay with silt. Bioturbation produces a distinct dark on dark mottled surface resulting from sulfide mineralization of burrows. Typical, white quartz-rich blebs are common throughout the core. In general, the darker intervals are more nannofossil rich, nannofossil clays with silt and the lighter intervals (fewer sulfides) are silty clays with nannofossils. This may reflect small changes in organic matter content where more organic matter results in more sulfate reduction and sulfide mineralization.



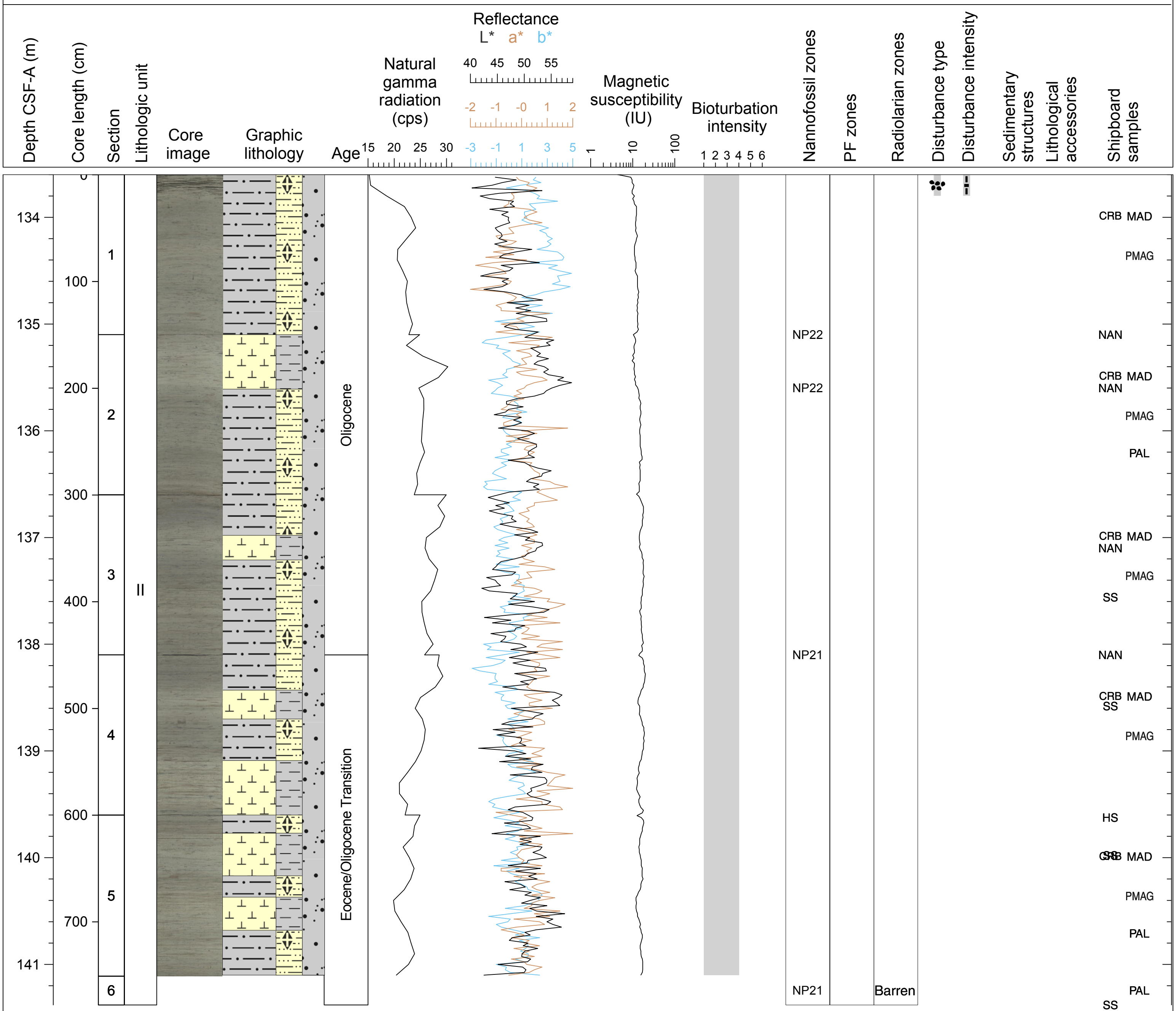
Hole 342-U1411B Core 15H, Interval 124.4-133.6 m (CSF-A)

Core U1411B-15H is composed of dark gray and gray (5Y 4/1 to 5/1) silty clay with nannofossils and nannofossil clay with silt. Bioturbation produces a distinct dark on dark mottled surface resulting from sulfide mineralization of burrows. Typical, white quartz-rich blebs are found occasionally throughout the core (less prominent than in previous cores). In general, the darker intervals are more nannofossil rich, nannofossil clays with silt and the lighter intervals (fewer sulfides) are silty clays with nannofossils. This may reflect small changes in organic matter content where more organic matter results in more sulfate reduction and sulfide mineralization. Section 5 through CC is severely disturbed resulting from a split liner and flow-in.



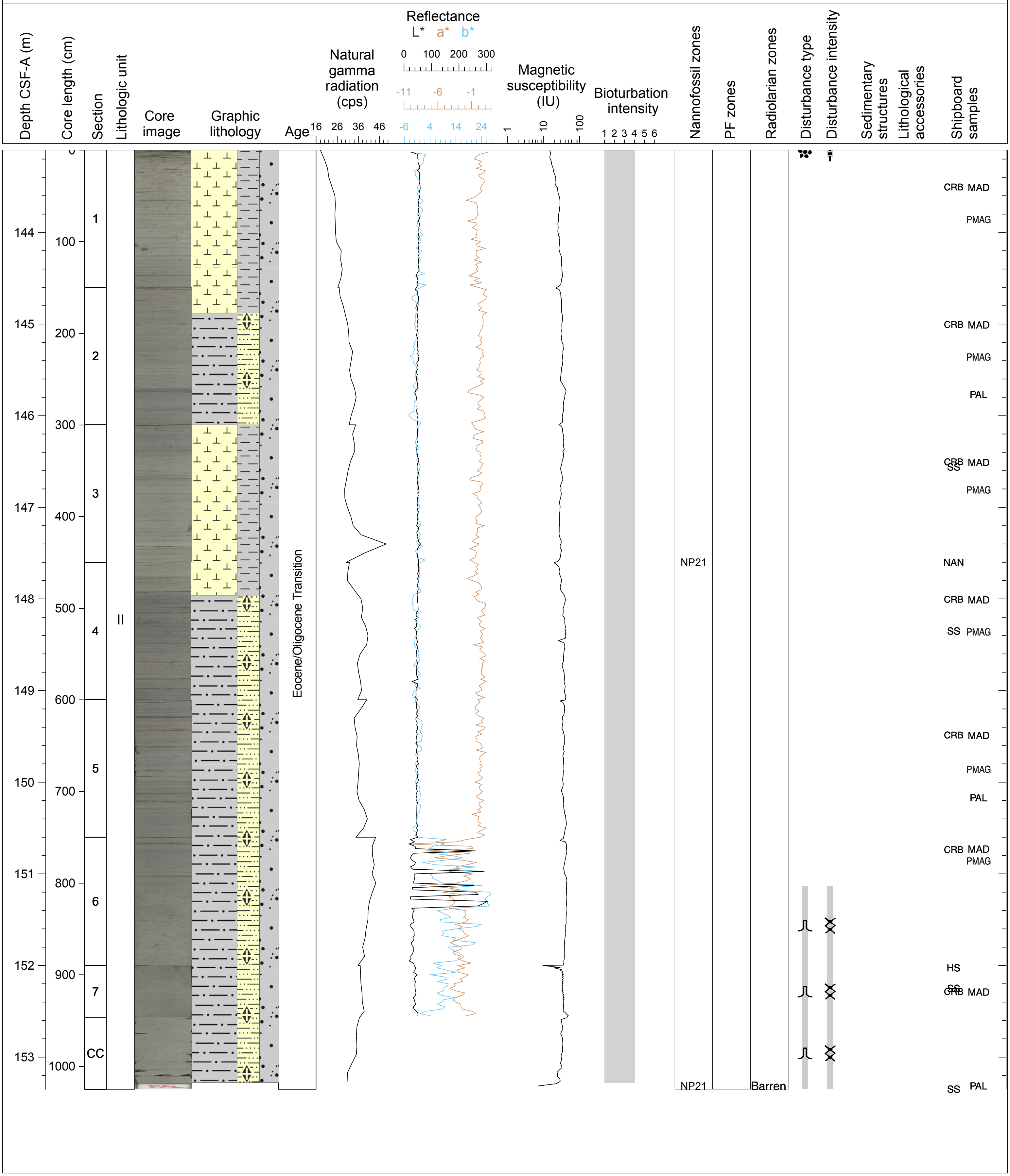
Hole 342-U1411B Core 16H, Interval 133.6-141.38 m (CSF-A)

Core U1411B-16H is composed of gray (5Y 5/1 to 6/1) nannofossil clay with silt and clayey nannofossil ooze with silt. Color variations and mottling are more pronounced in Core 16H than previous cores; lighter bands are decimeter scaled and have a fabric that is an artifact of core splitting that is associated with a higher percentage of carbonate. Green glauconitic/chloritic layers are also more apparent than in previous cores.



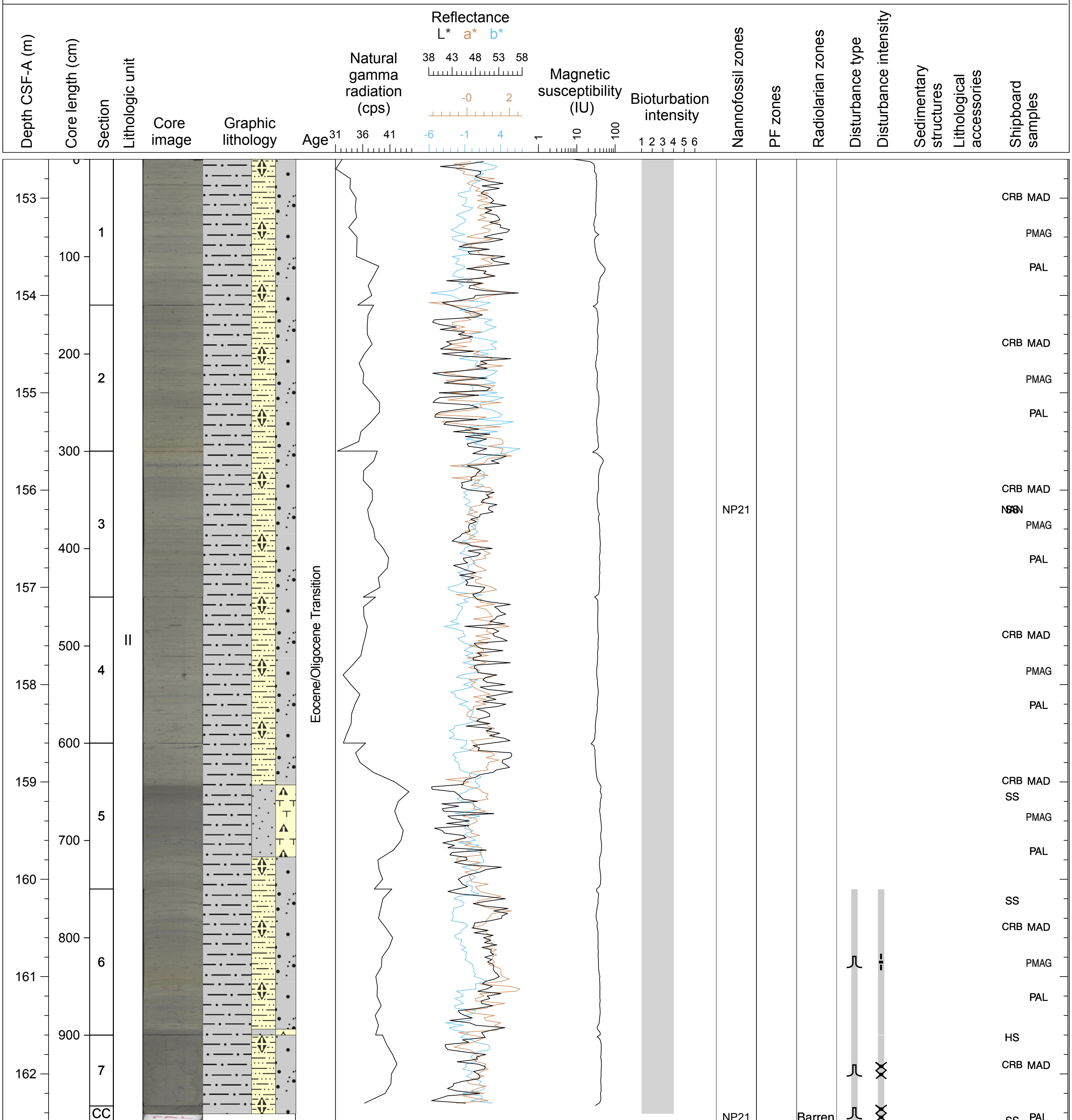
Hole 342-U1411B Core 17H, Interval 143.1-153.35 m (CSF-A)

Core U1411B-17H is composed of gray (5Y 5/1 to 6/1) nannofossil clay with silt and clayey nannofossil ooze with silt. Color variations and mottling are more pronounced in Core 17H than previous cores; lighter bands are decimeter scaled and have a fabric that is an artifact of core splitting that is associated with a higher percentage of carbonate. In general, the color becomes darker, down-core with a shift from more nannofossil-rich oozes to nannofossil clays. Green glauconitic/chloritic layers are also more apparent than in previous cores.



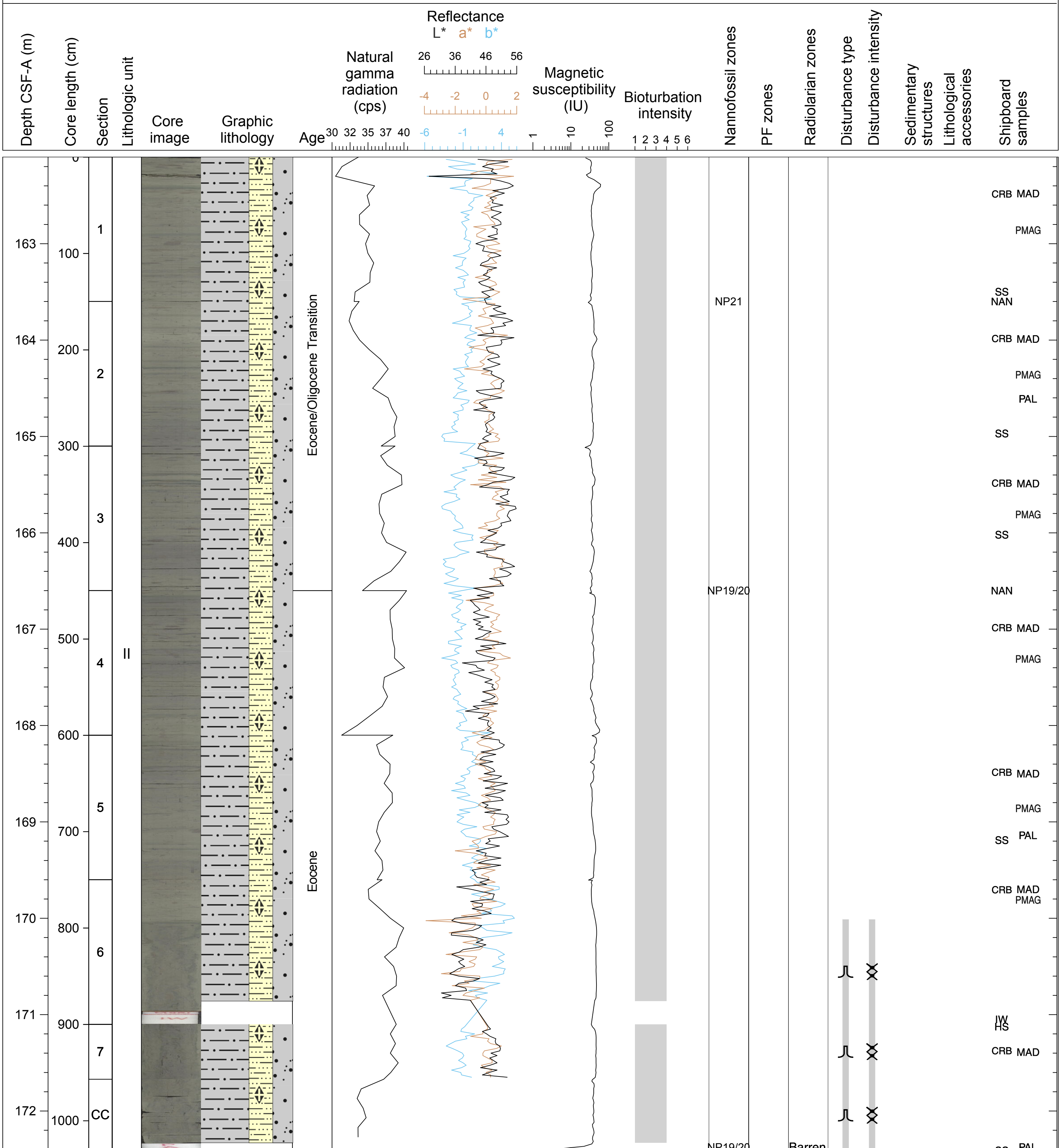
Hole 342-U1411B Core 18H, Interval 152.6-162.48 m (CSF-A)

Core U1411B-18H is composed of gray (5Y 5/1 to 6/1) nannofossil clay with silt and dark gray (N 4) silty clay with nannofossils. Minor lithology includes two intervals of olive gray (5Y 5/2) nannofossil clay in Section 2, 144 cm through Section 3, 5 cm and in Section 6, centered around 93cm (flow in disrupts interval). Smear slide analyses of the first olive gray interval reveal that color change may result from higher concentration of common oxides. Dark gray silty clay in Section 5, 44 cm and Section 6, 144 grade downcore to gray. Subtle, green glauconitic horizons are very common from Section 1 through Section 4. This core contains the Eocene/Oligocene boundary proper. strobe lights and 'techno music' un-sis, un-sis, un-sis, un-sis.



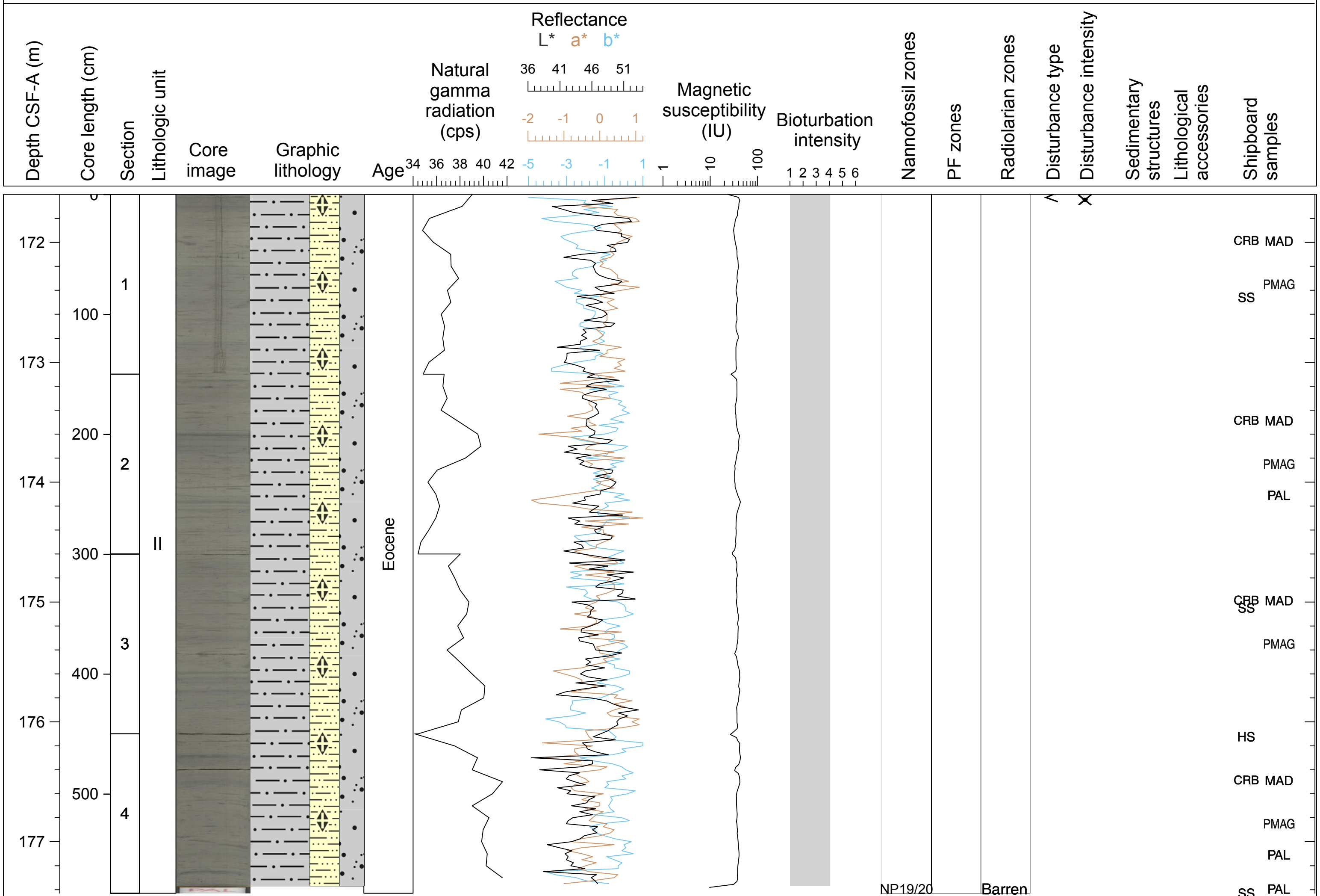
Hole 342-U1411B Core 19H, Interval 162.1-172.41 m (CSF-A)

Core U1411B-19H is composed of gray (5Y 5/1 to 6/1) nannofossil clay with silt. Bioturbation is moderate and produces subtle, discontinuous mottling and sulfide stained blebs (Planolites). Subtle, green glauconitic horizons are common throughout. Fine quartz sand/silt blebs are present on core surface occasionally. Ice-rafted-debris clasts were found in Section 1, 140 cm.



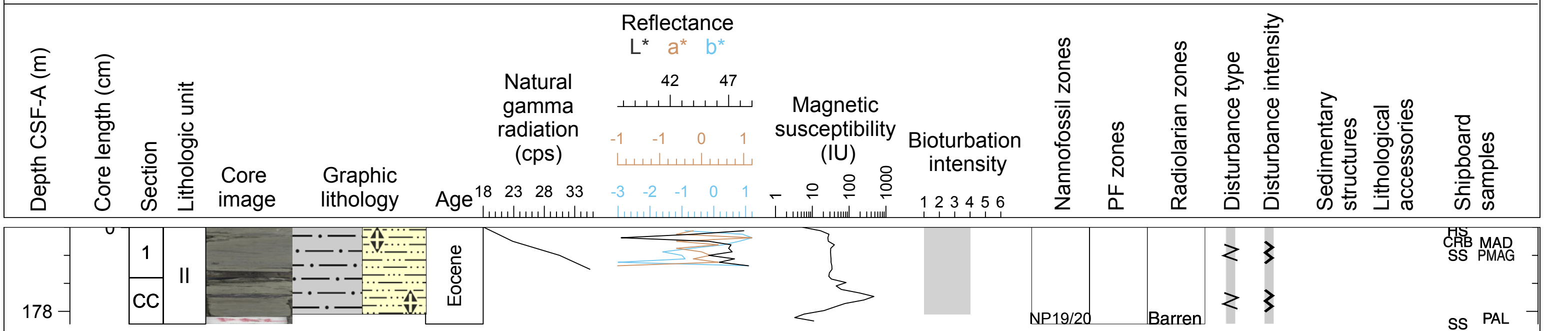
Hole 342-U1411B Core 20H, Interval 171.6-177.43 m (CSF-A)

Core U1411B-20H is composed of 10Y 5/1 (greenish gray) nannofossil clay with silt. The core is moderately burrowed and mottled gray with fine pyrite.
And? is that it?



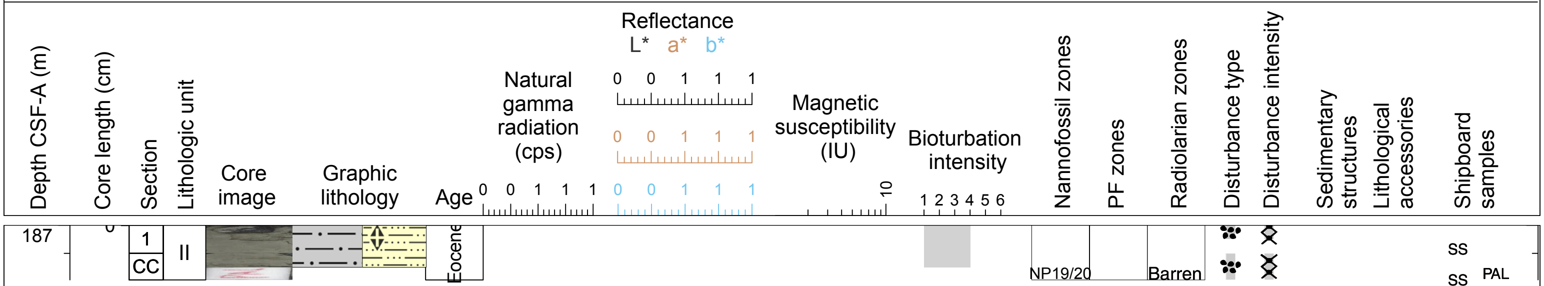
Hole 342-U1411B Core 21X, Interval 177.4-178.09 m (CSF-A)

Core U1411B-21X is composed of 10Y 5/1 (greenish gray) nannofossil clay with silt. The core is moderately burrowed and mottled gray with fine pyrite. Dropstones at the top are fall-in from Pleistocene.



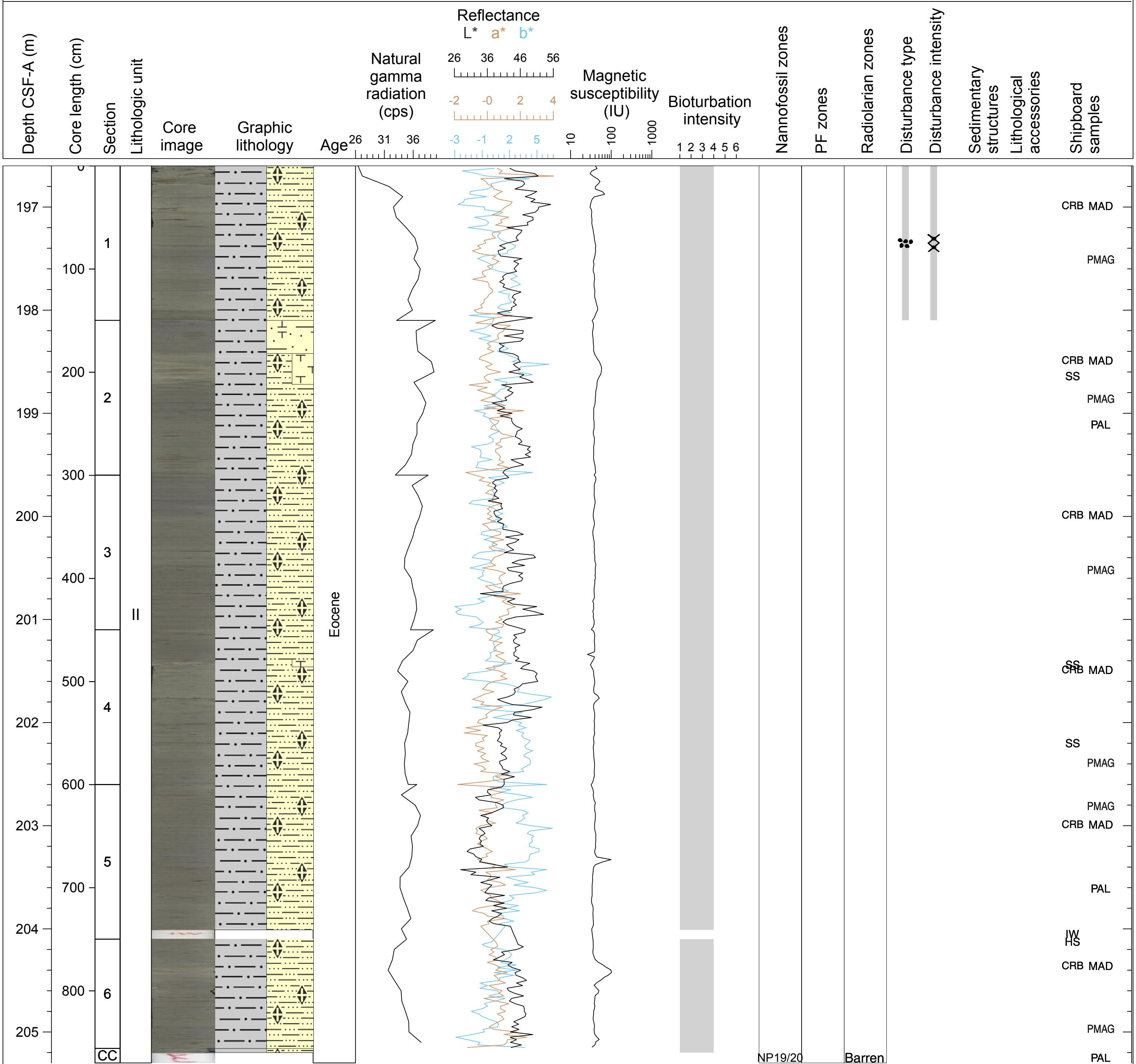
Hole 342-U1411B Core 22X, Interval 187.0-187.39 m (CSF-A)

Core U1411B-22X is composed of 10Y 5/1 (greenish gray) nannofossil clay with silt. The core is moderately burrowed and mottled gray with fine pyrite. Dropstones at the top are fall-in from Pleistocene.



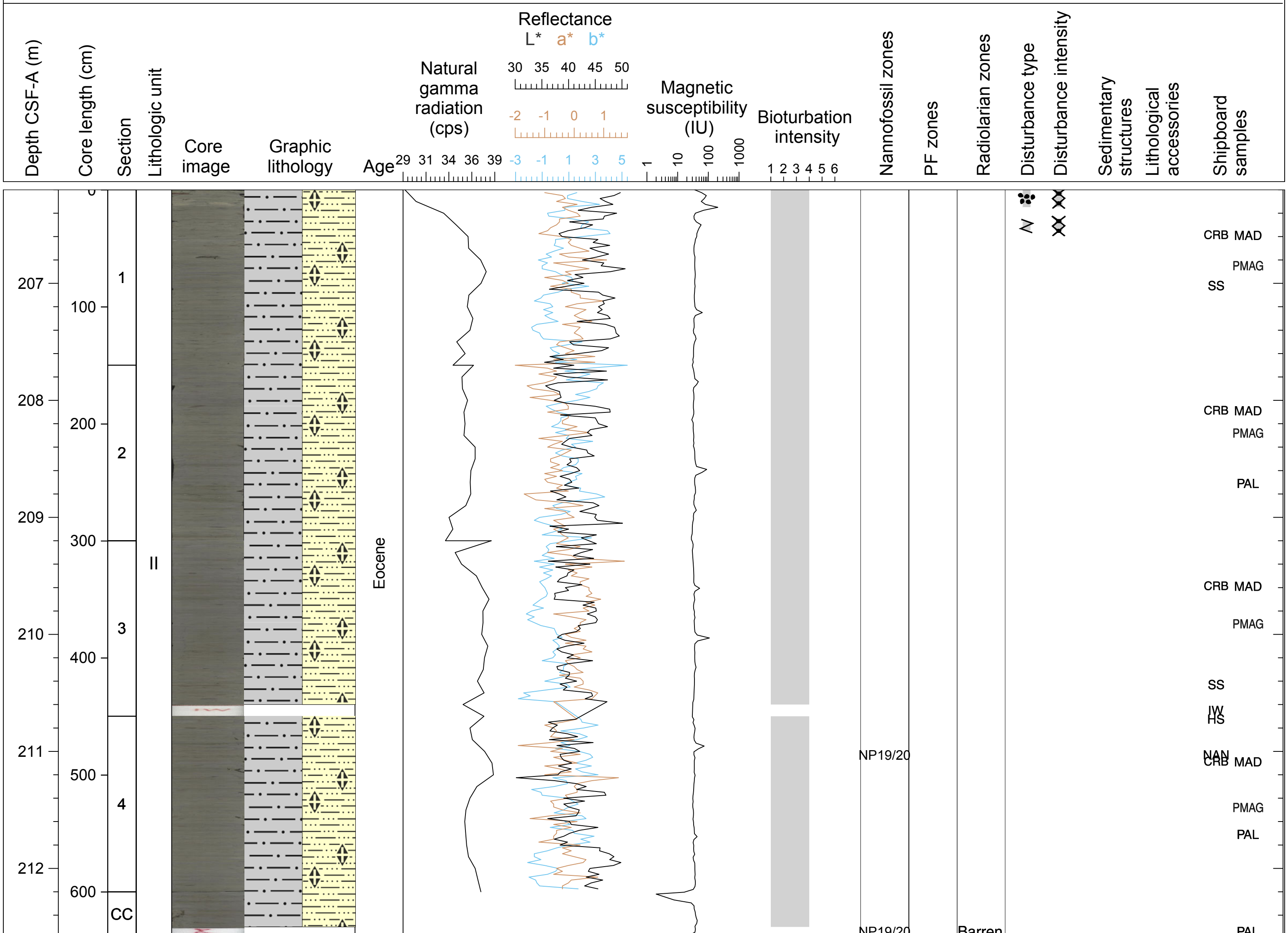
Hole 342-U1411B Core 23X, Interval 196.6-205.3 m (CSF-A)

Core U1411B-23X is composed of 10Y 5/1 (greenish gray) nannofossil clay with silt. The core is moderately burrowed and mottled gray with fine pyrite. Dropstones at the top are fall-in from Pleistocene.



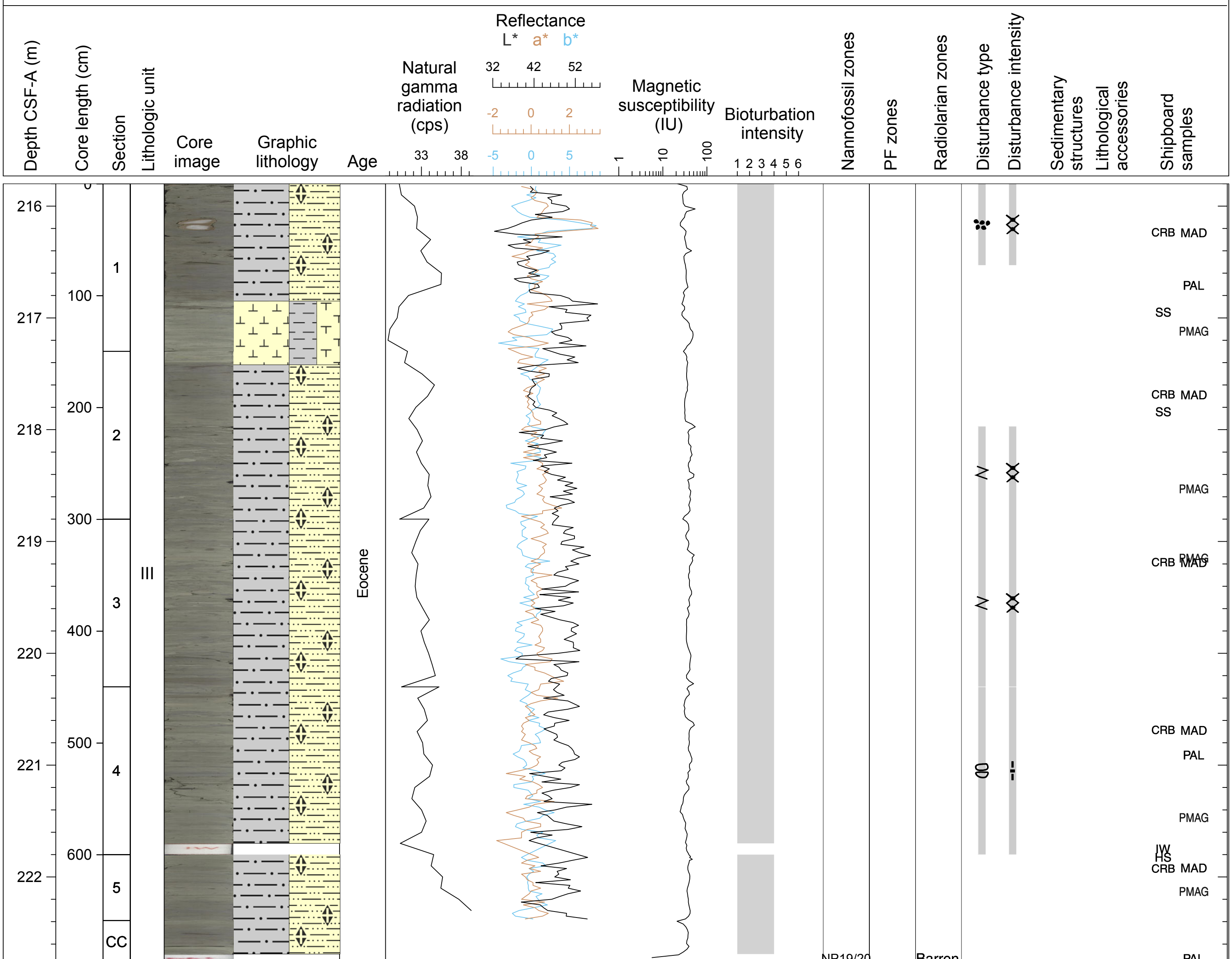
Hole 342-U1411B Core 24X, Interval 206.2-212.58 m (CSF-A)

Core U1411B-24X is composed of 10Y 4/1 (dark greenish gray) nannofossil clay with foraminifers. The core is moderately burrowed and mottled gray with fine pyrite. Dropstones at the top are fall-in from Pleistocene.



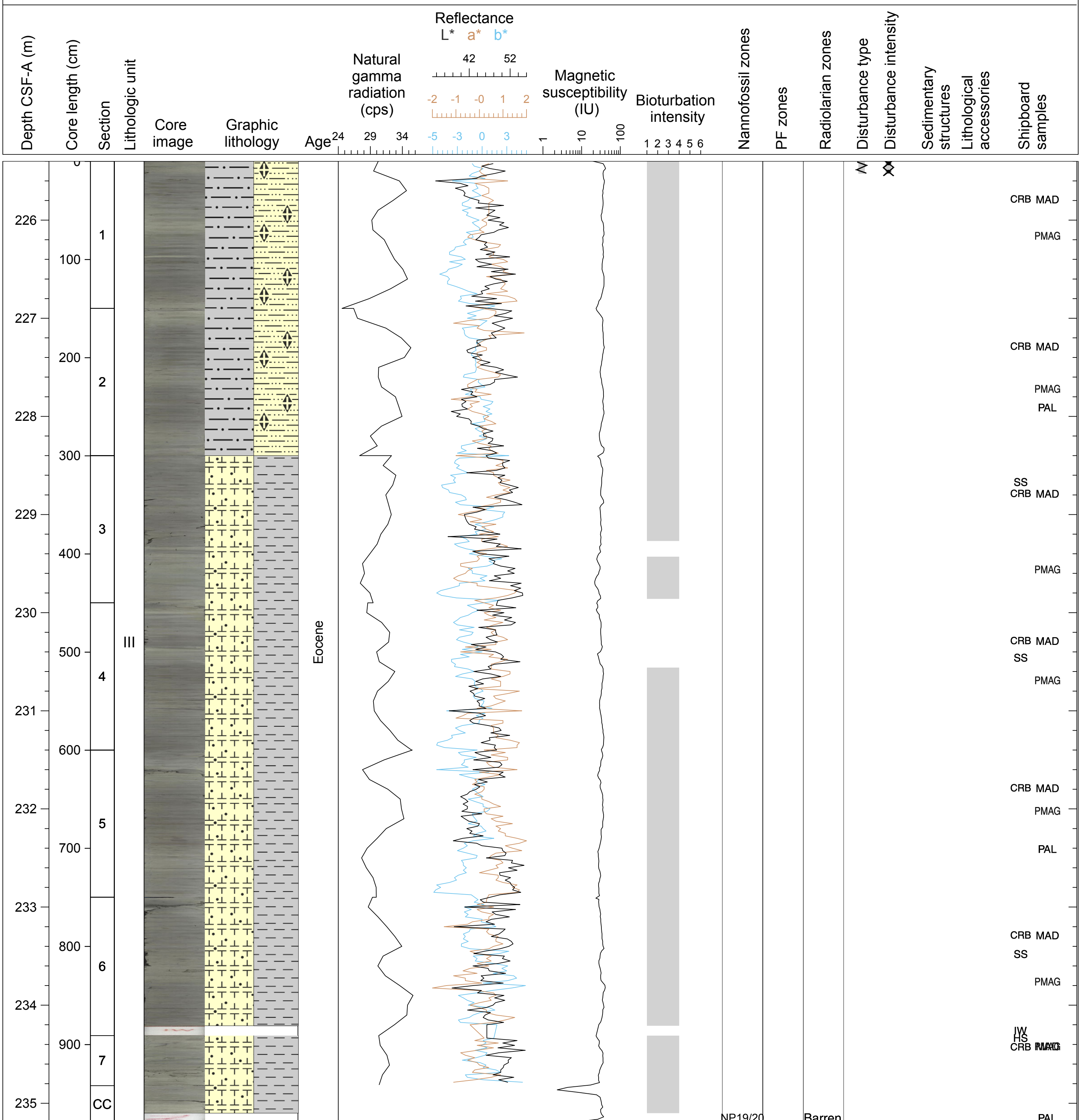
Hole 342-U1411B Core 25X, Interval 215.8-222.77 m (CSF-A)

Core U1411B-25X is composed of 10Y 4/1 (dark greenish gray) nannofossil clay with foraminifers. The core is moderately burrowed and mottled gray with fine pyrite. Dropstones at the top are fall-in from Pleistocene. The core is badly disturbed in the first 3 sections.



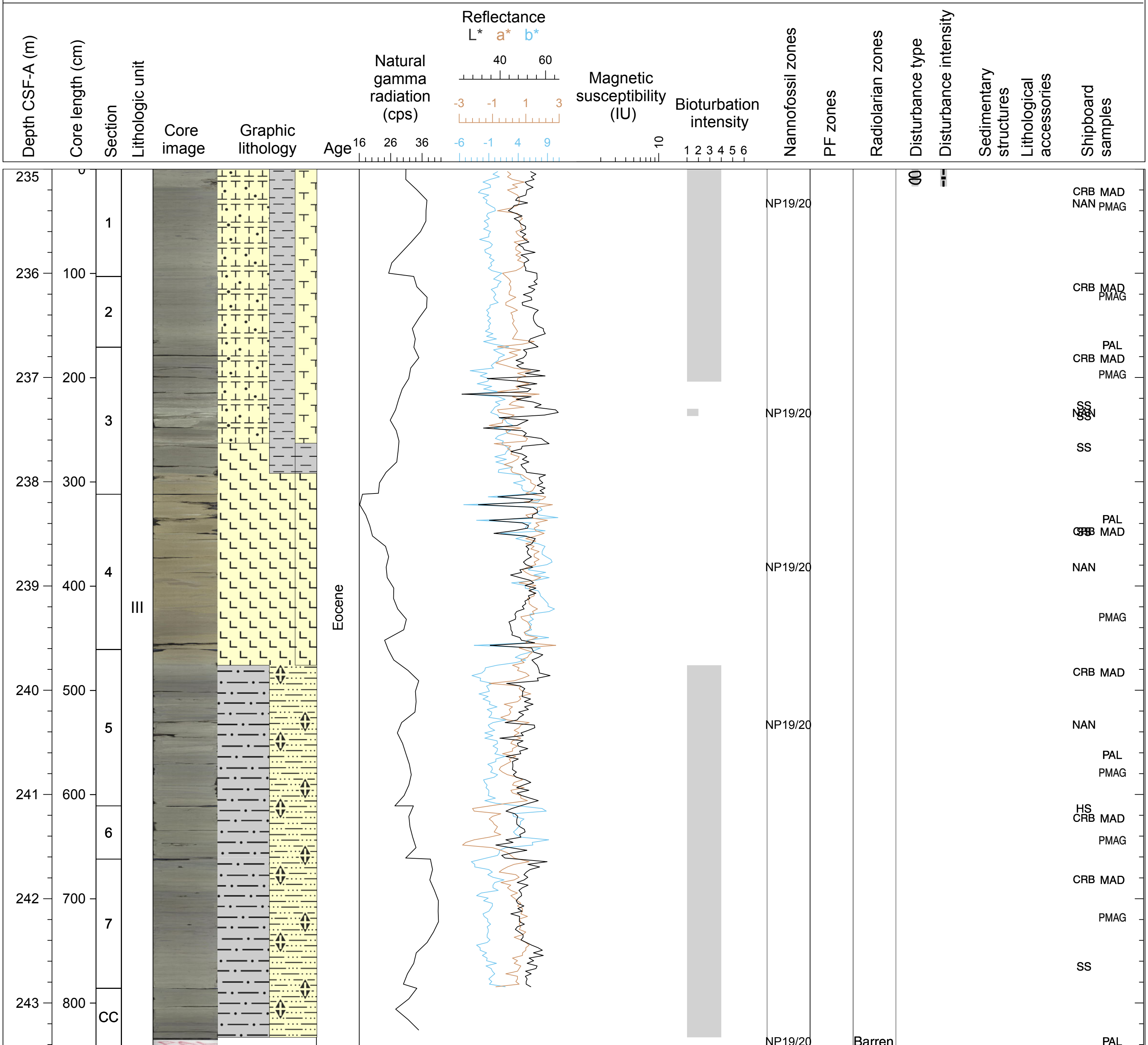
Hole 342-U1411B Core 26X, Interval 225.4-235.2 m (CSF-A)

Core U1411B-26X is composed of 10Y 4/1 (dark greenish gray) and 5GY 6/1 (greenish gray) clayey nannofossil chalk with foraminifers. The core is moderately burrowed and mottled gray with fine pyrite. The core has unburrowed fine laminations in sections 3 and 4.



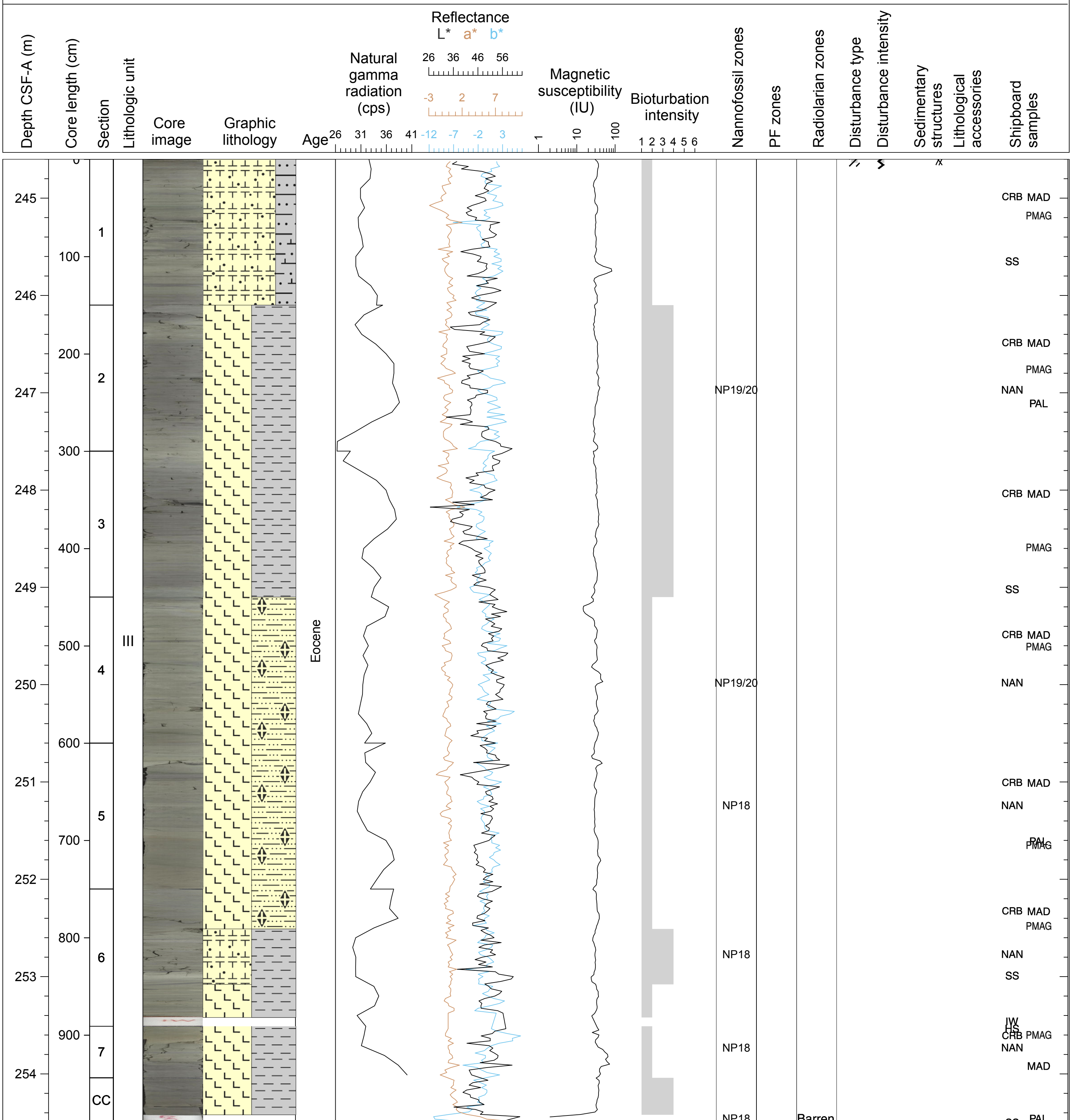
Hole 342-U1411B Core 27X, Interval 235.0-243.41 m (CSF-A)

Core U1411B-27X is composed of 5GY 5/1 (greenish gray) and 10Y 6/1 (greenish gray) clayey nannofossil chalk with foraminifers at the top of the core. In sections 3 through 5 there is a coarsening up laminated sand to coarse sand layer, where the foraminifera make up the sand this section is unburrowed. The sand is largely 2.5Y 6/2 (light brownish gray). The core is then a nannofossil clay for the final three sections and 10GY 5/1 (greenish gray) in color.
This final section is moderately burrowed and mottled.



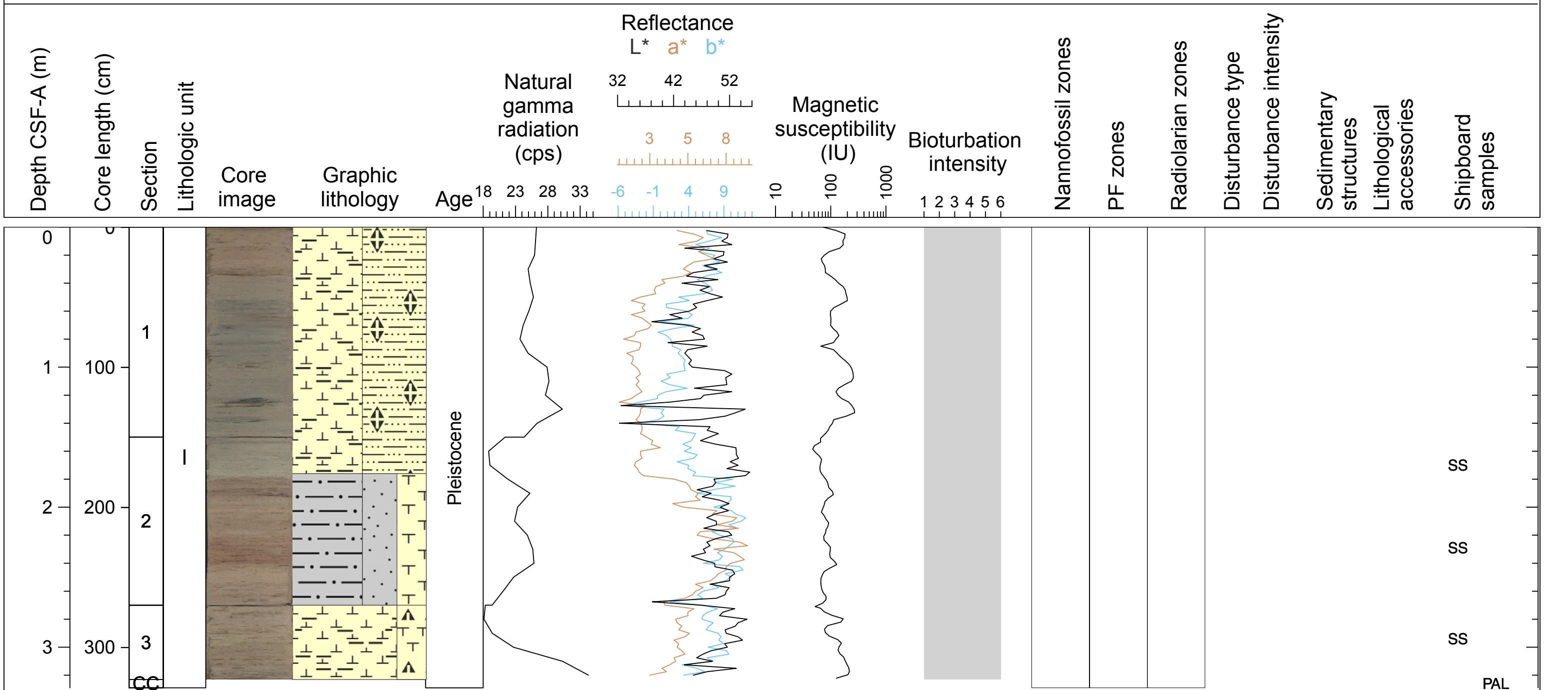
Hole 342-U1411B Core 28X, Interval 244.6-254.5 m (CSF-A)

Core U1411B-28X is composed of 5GY 5/1 (greenish gray) and 10Y 5/1 (greenish gray) clayey nannofossil chalk with at the top of the core. In sections 4 through 7 there are commonly fine laminations and burrowing is sparse. There are oxidized 'olive' patches in sections 4 through 7.



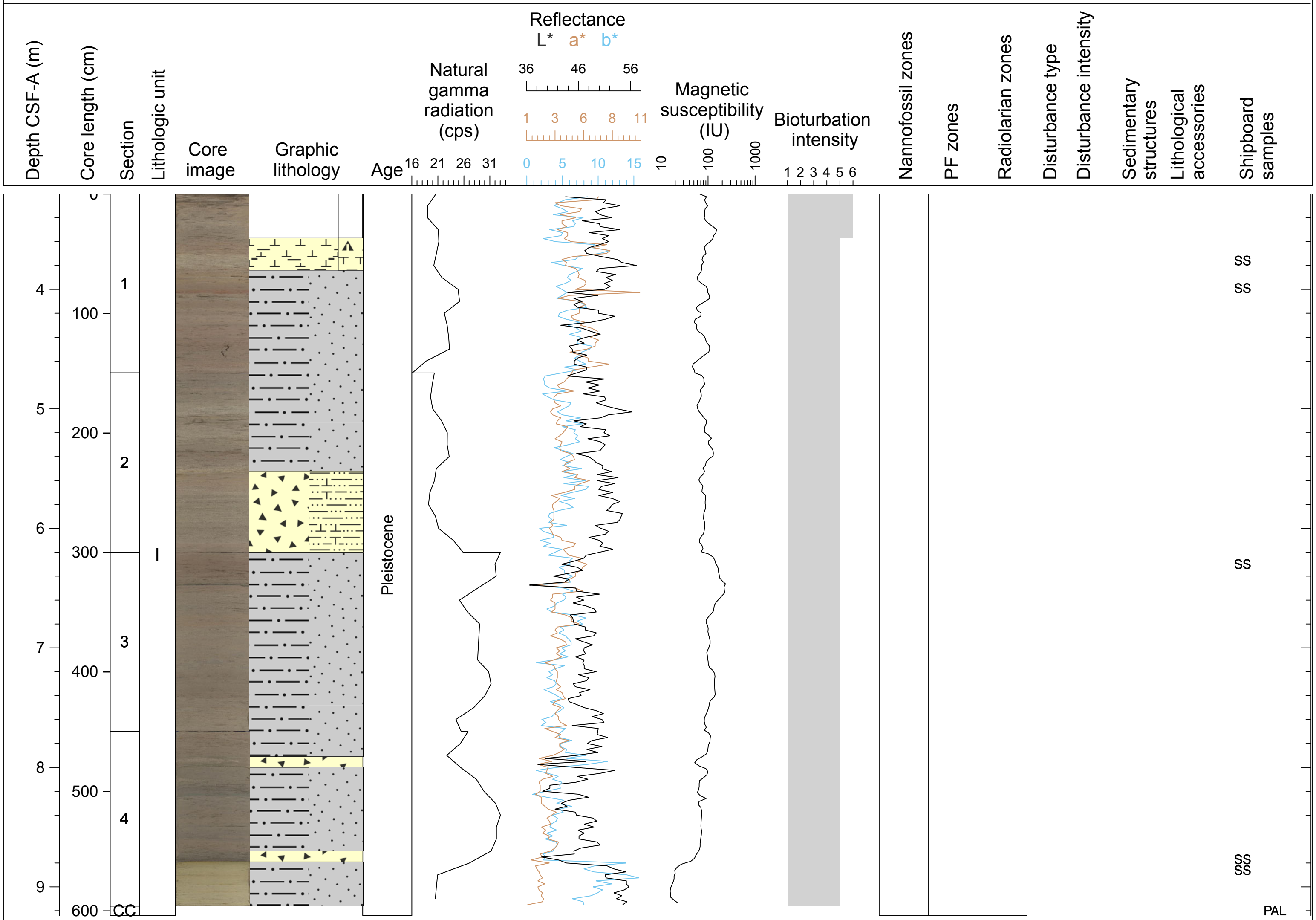
Hole 342-U1411C Core 1H, Interval 0.0-3.29 m (CSF-A)

Core U1411C-1H is brownish grey (10YR 6/2 is most common) nannofossil foraminiferal ooze and reddish brown to pink (7.5YR 7/4) layers of silty clay.
Several large dropstones are present.



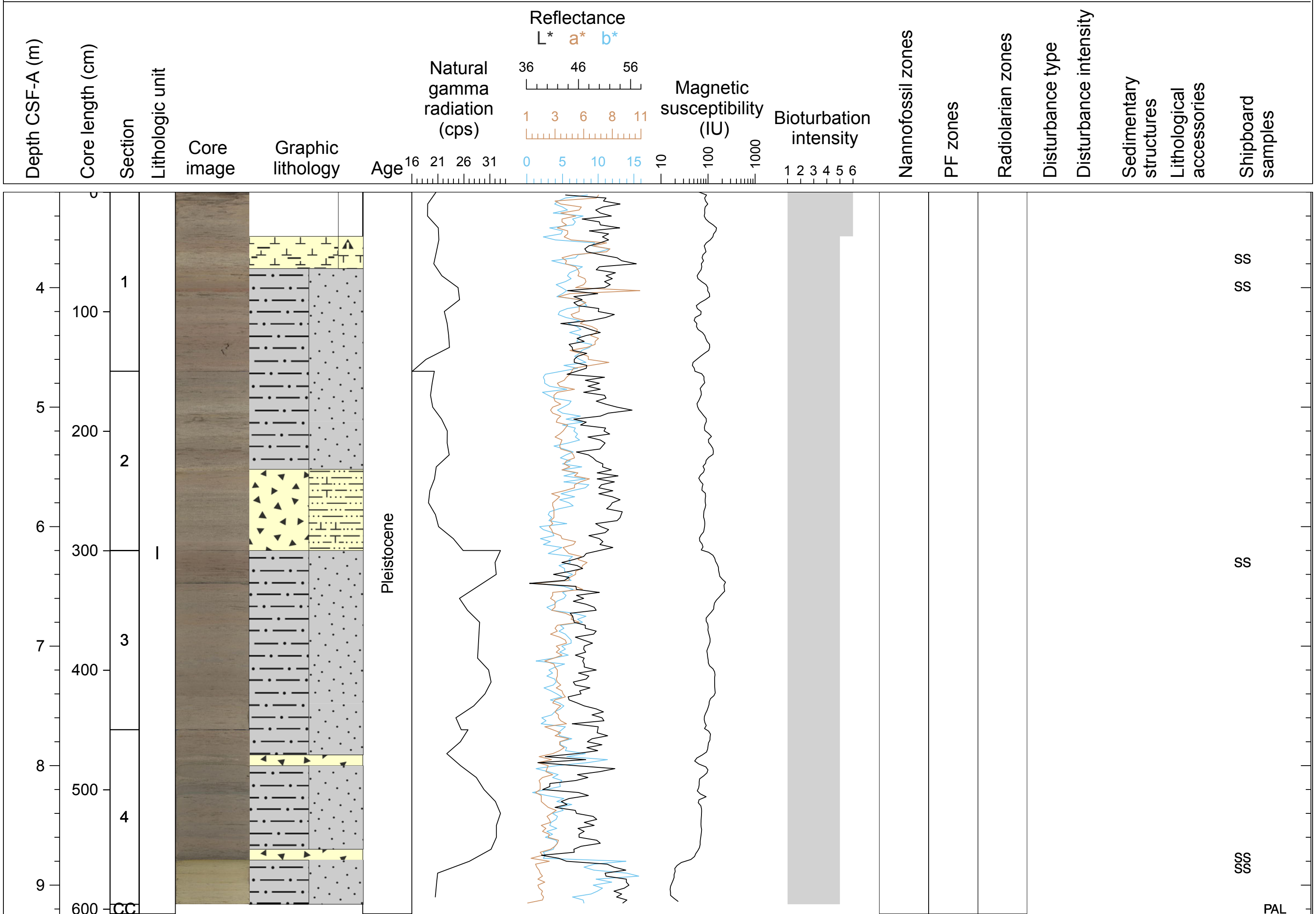
Hole 342-U1411C Core 2H, Interval 3.2-9.24 m (CSF-A)

Core U1411C-2H is brownish grey to brown silty clay, with several layers of silty foraminiferal sand and silty sand. Towards the bottom of the core there is a sharp contact between dark greyish brown silty clay above a light yellowish brown silty clay. Note there is an ~100m drilled interval between this core and the next core, U1411C-4H.



Hole 342-U1411C Core 2H, Interval 3.2-9.24 m (CSF-A)

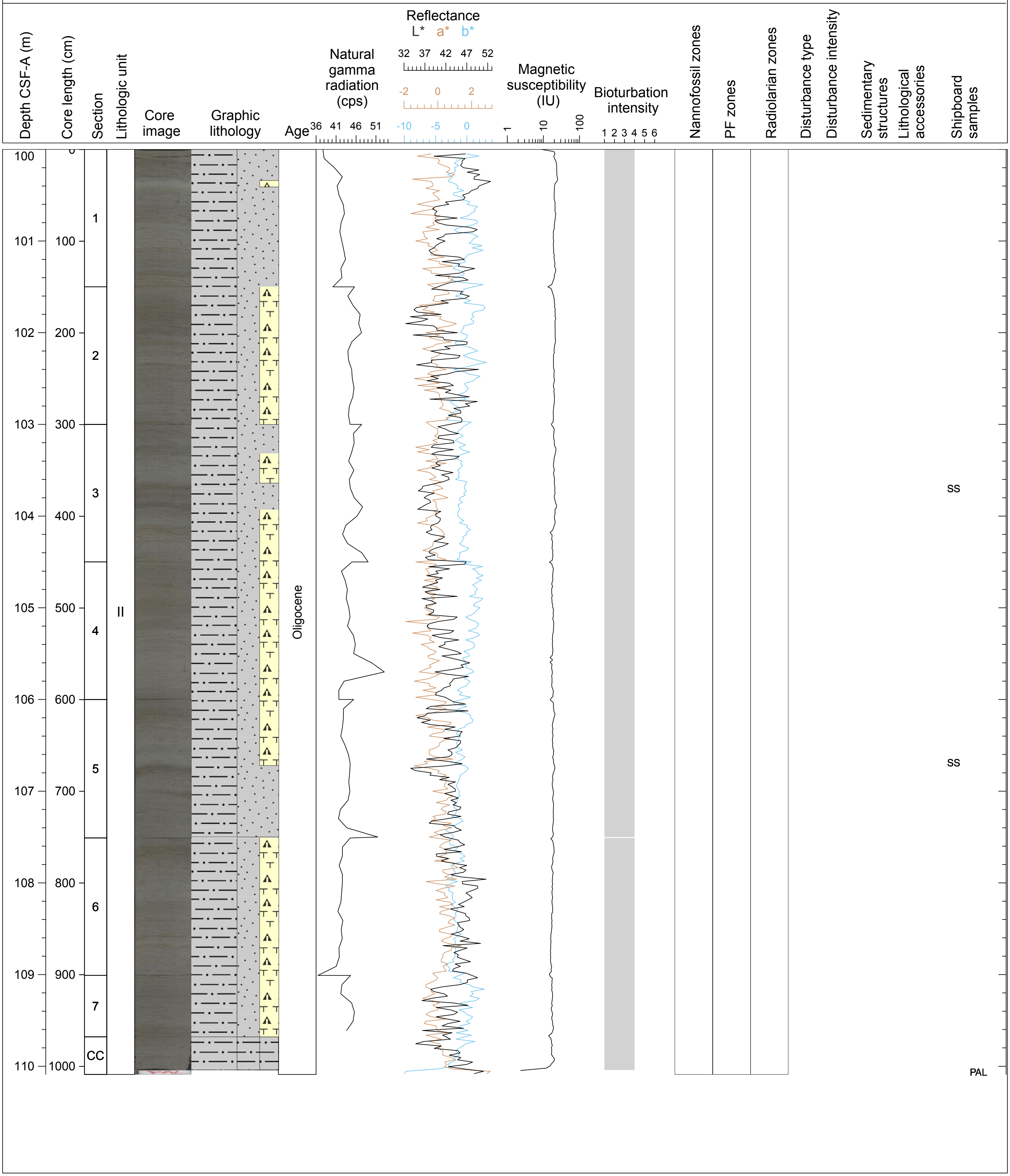
Core U1411C-2H is brownish grey to brown silty clay, with several layers of silty foraminiferal sand and silty sand. Towards the bottom of the core there is a sharp contact between dark greyish brown silty clay above a light yellowish brown silty clay. Note there is an ~100m drilled interval between this core and the next core, U1411C-4H.



U1411C-31 Drilled interval

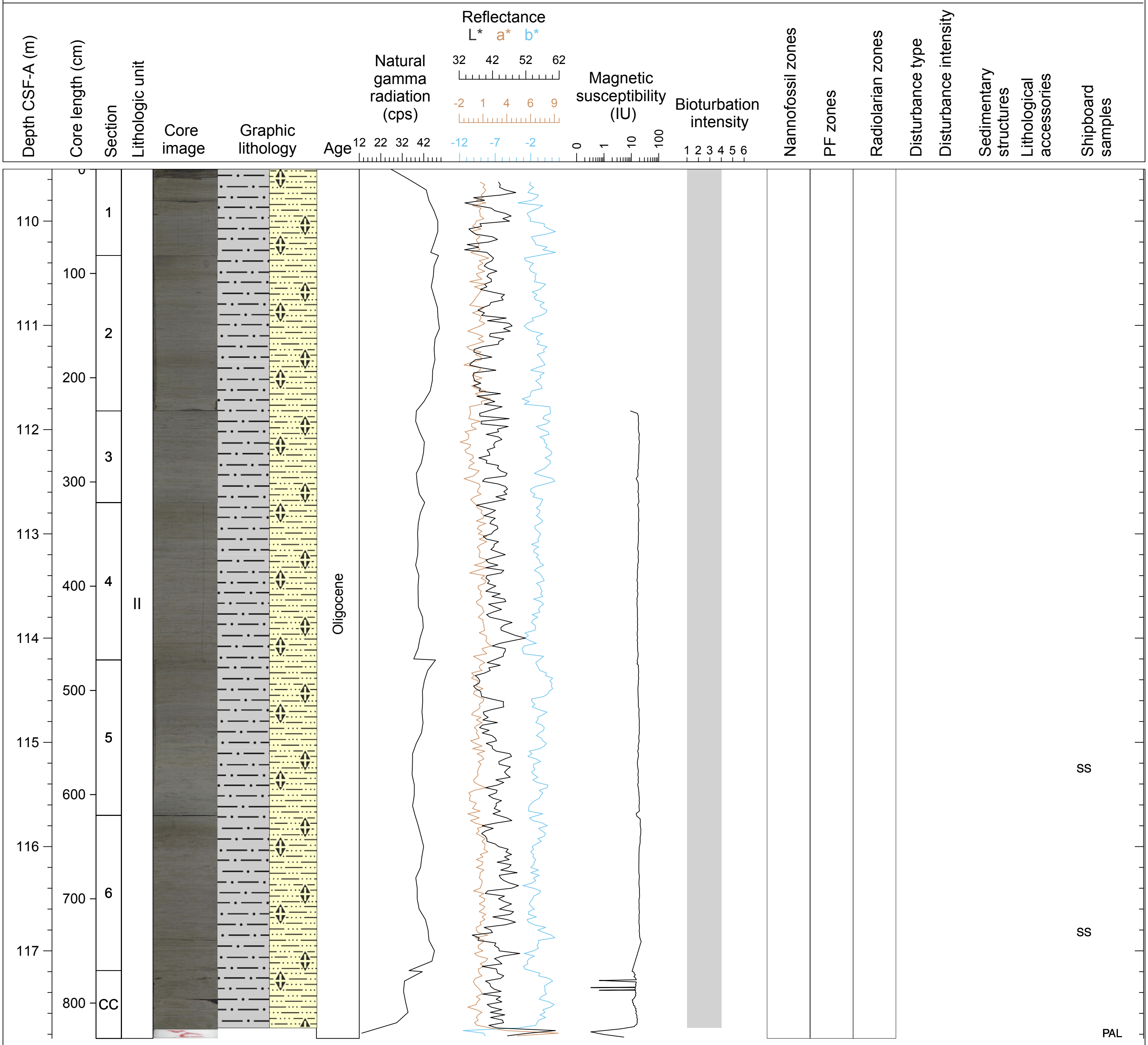
Hole 342-U1411C Core 4H, Interval 100.0-110.09 m (CSF-A)

Core U1411C-4H is a dark greyish green (5GY 4/1) to greyish green (5GY 5/1) silty clay to silty clay with nannofossils. There are frequent brownish blebs and abundant black flecks of sulfide.



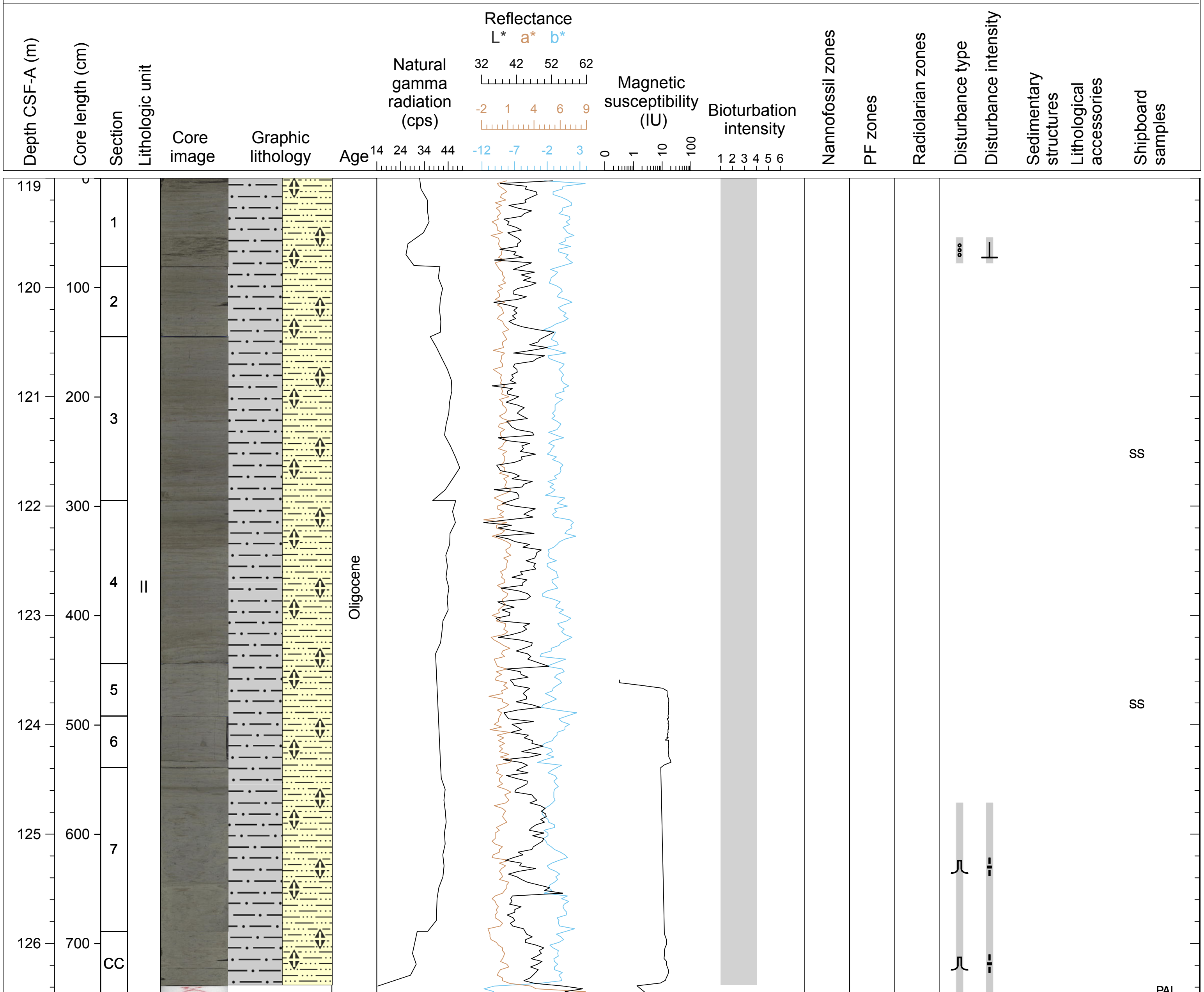
Hole 342-U1411C Core 5H, Interval 109.5-117.84 m (CSF-A)

Core U1411C-5H is a dark greyish green (5GY 4/1) to greyish green (5GY 5/1) nannofossil clay. There are frequent brownish blebs and abundant black flecks of sulfide.



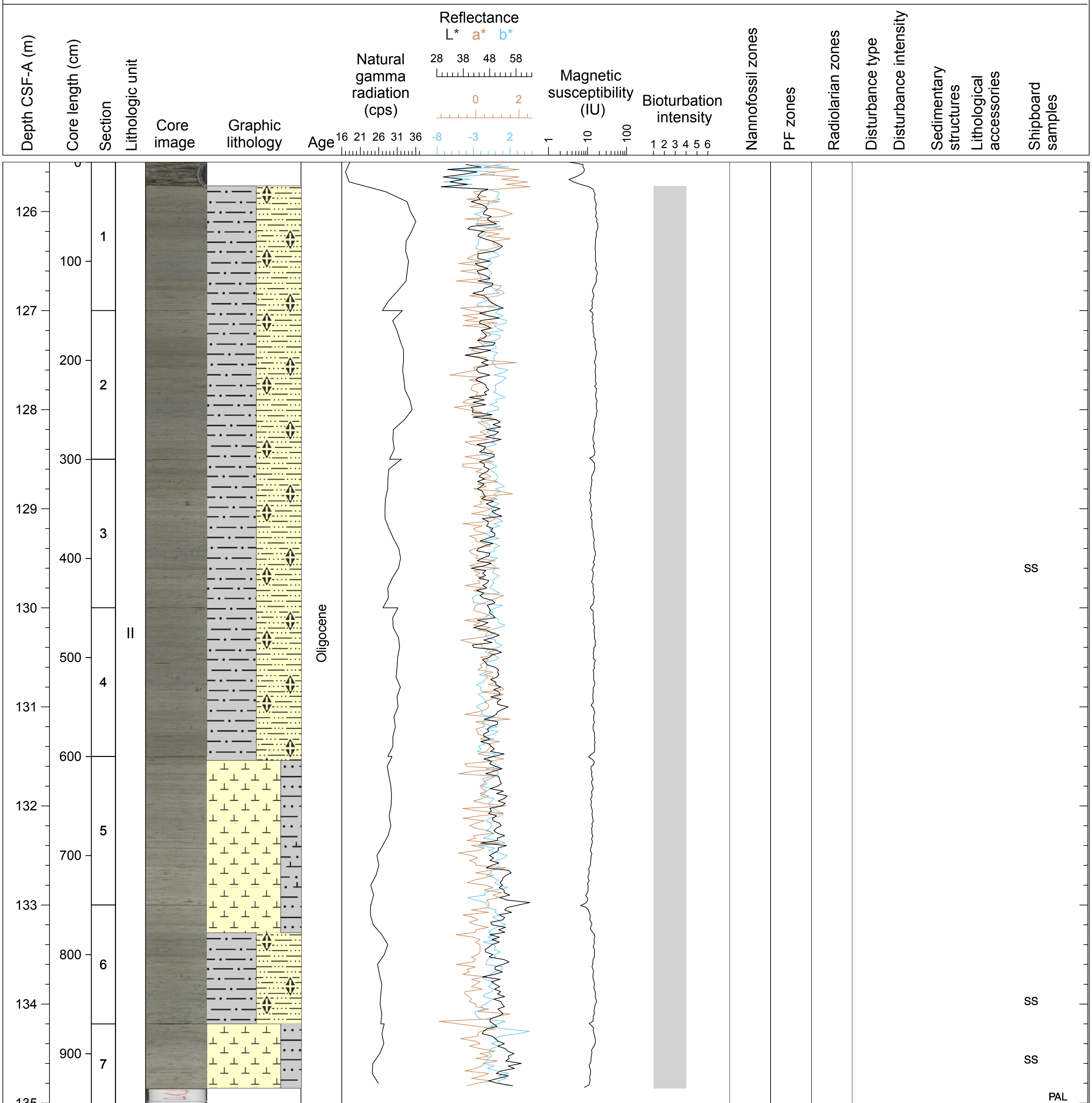
Hole 342-U1411C Core 6H, Interval 119.0-126.48 m (CSF-A)

Core U1411C-6H is a dark greyish green (5GY 4/1) to greyish green (5GY 5/1) nannofossil clay. There are frequent brownish blebs and abundant black flecks of sulfide.



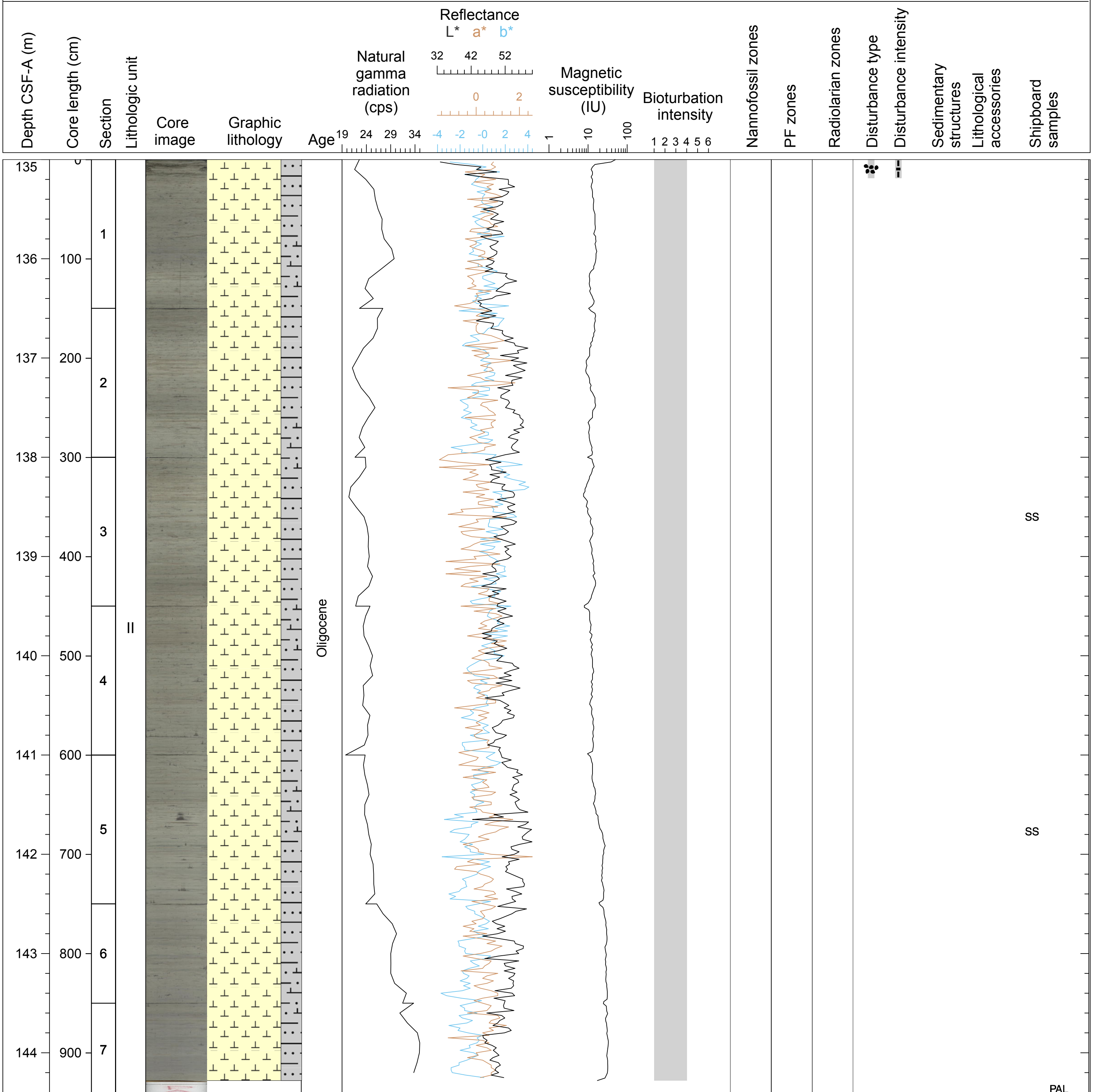
Hole 342-U1411C Core 7H, Interval 125.5-135.01 m (CSF-A)

The top 4 sections of Core U1411C-7H is a greyish green (5GY 5/1) silty clay. There are frequent brownish blebs and abundant black flecks of sulfide. Starting in section 5, color lightens to light greenish grey (5GY 6/1) for the remainder of the core.



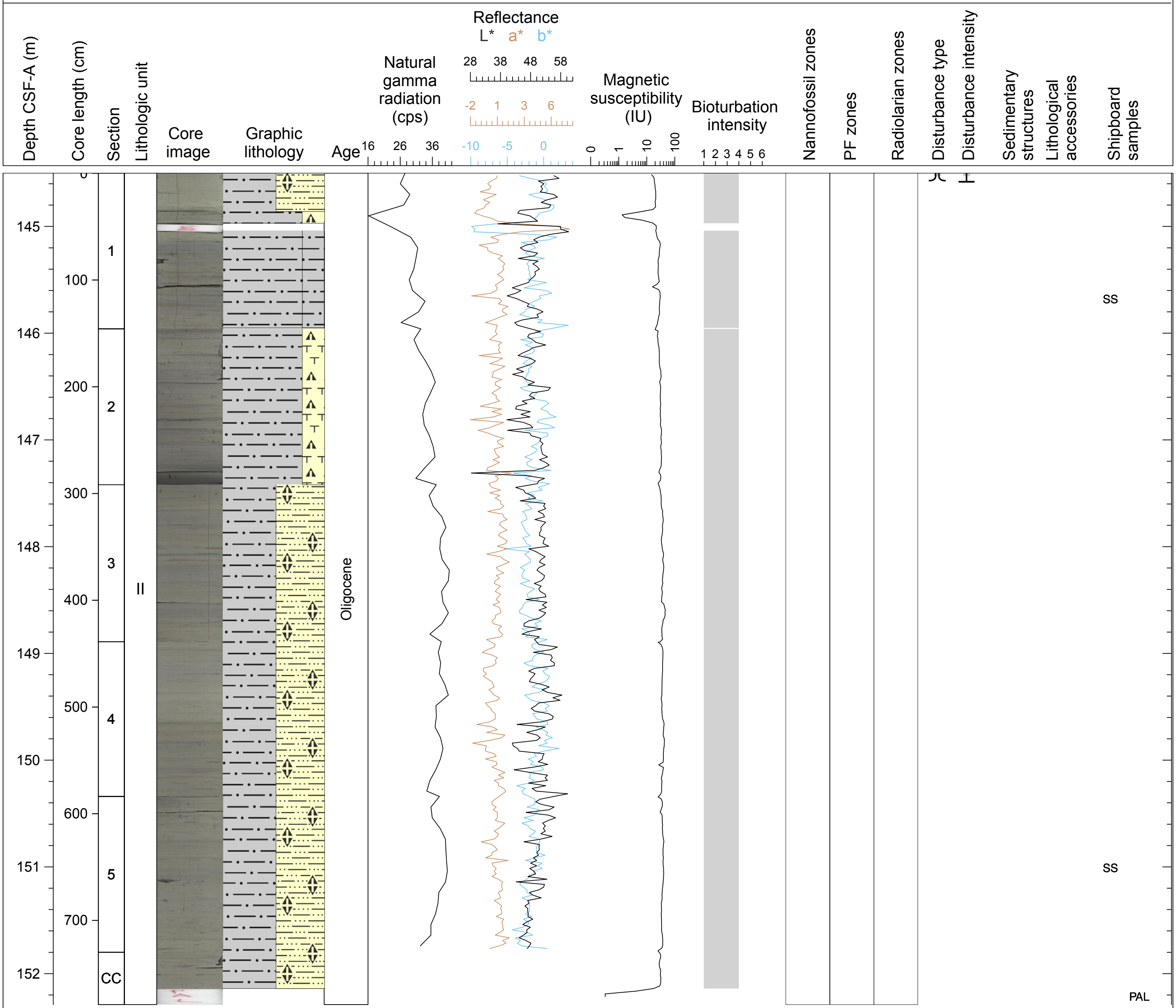
Hole 342-U1411C Core 8H, Interval 135.0-144.44 m (CSF-A)

Core U1411C-8H is a greyish green (5GY 5/1) nannofossil clay to nannofossil ooze. There are frequent brownish blebs and abundant black flecks of sulfide.
The top 19cm of section 1 are fall-in



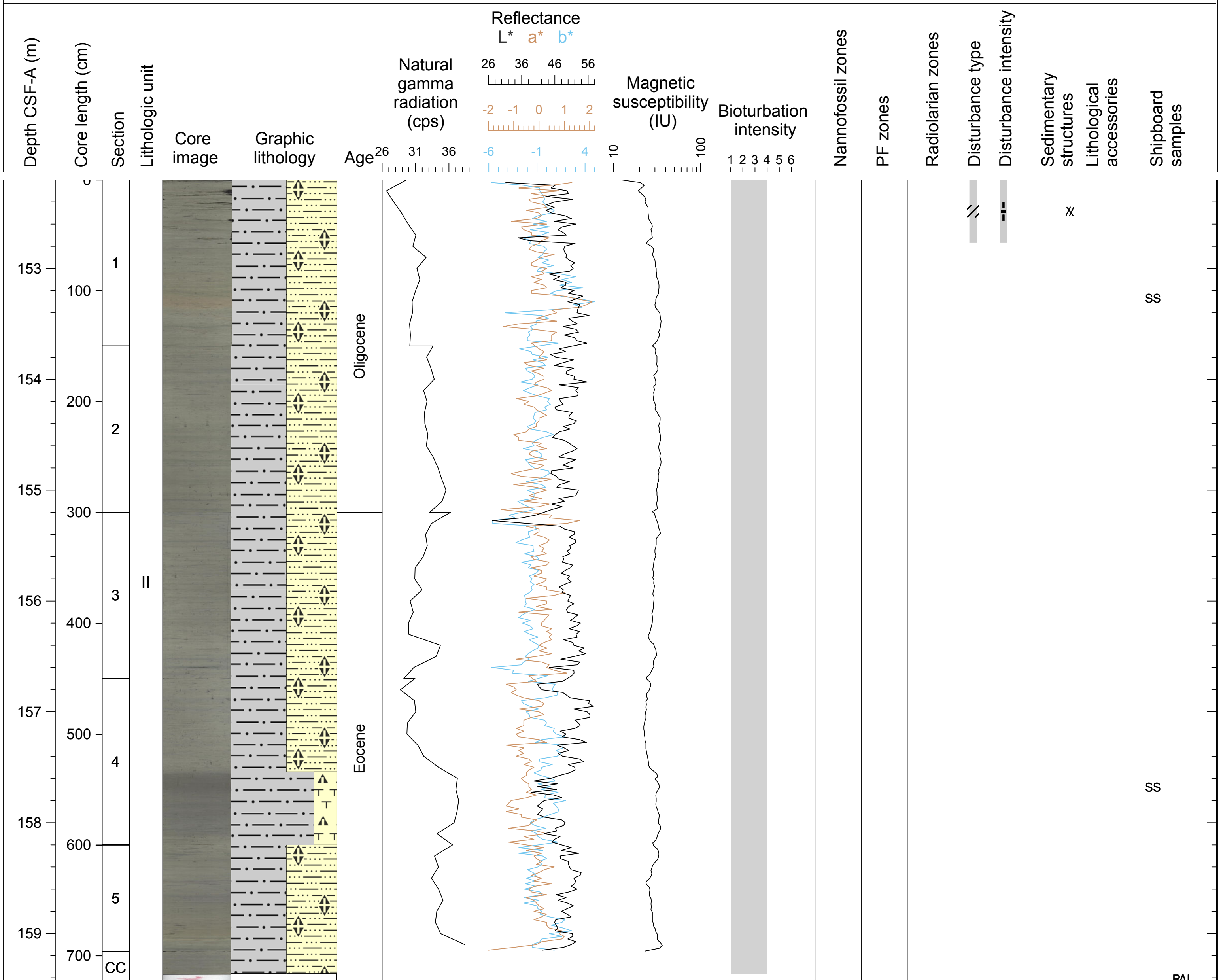
Hole 342-U1411C Core 9H, Interval 144.5-152.29 m (CSF-A)

Core U1411C-9H is a greyish green (5GY 5/1 to 10Y 6/1) nannofossil clay to clay with nannofossils. There are frequent brownish blebs and abundant black flecks of sulfide.



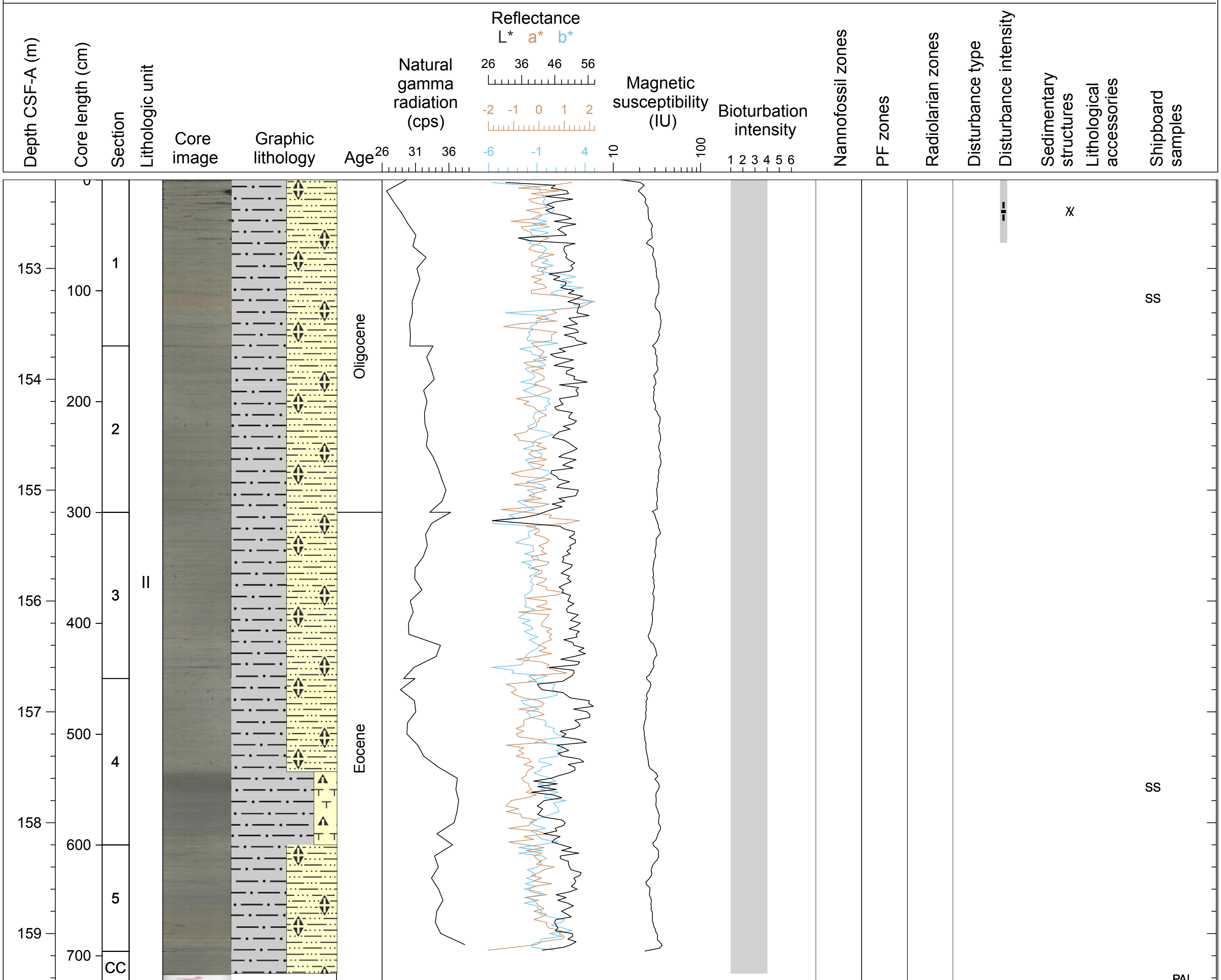
Hole 342-U1411C Core 10X, Interval 152.2-159.46 m (CSF-A)

Core U1411C-10X is a nannofossil clay that is 10Y 5/1 (greenish gray) in color. The core is moderately burrowed and mottled with disseminated pyrite. The core also contains common green banding. Section 5 has slight brown staining at the bottom of the section.



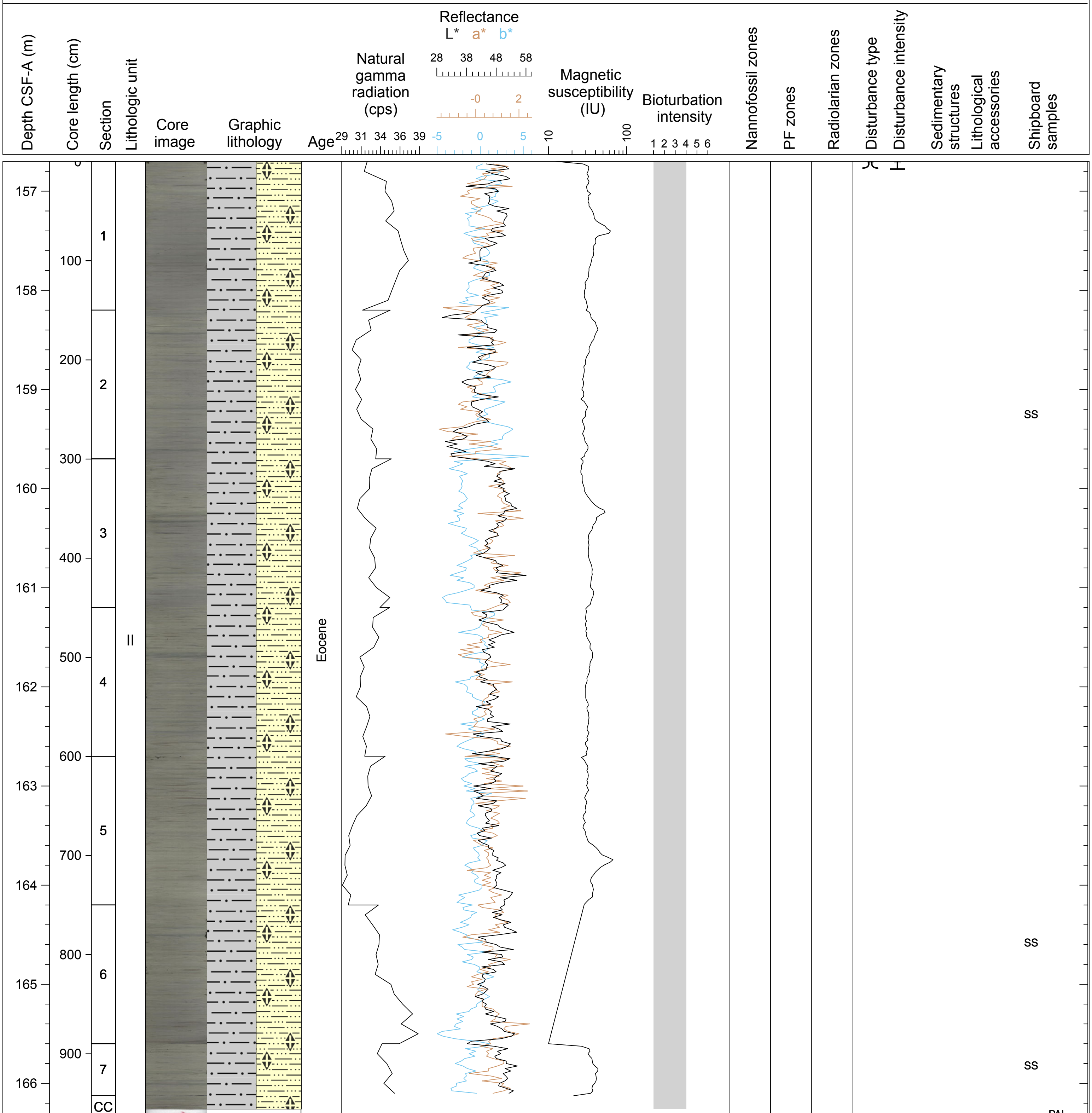
Hole 342-U1411C Core 10X, Interval 152.2-159.46 m (CSF-A)

Core U1411C-10X is a nannofossil clay that is 10Y 5/1 (greenish gray) in color. The core is moderately burrowed and mottled with disseminated pyrite. The core also contains common green banding. Section 5 has slight brown staining at the bottom of the section.



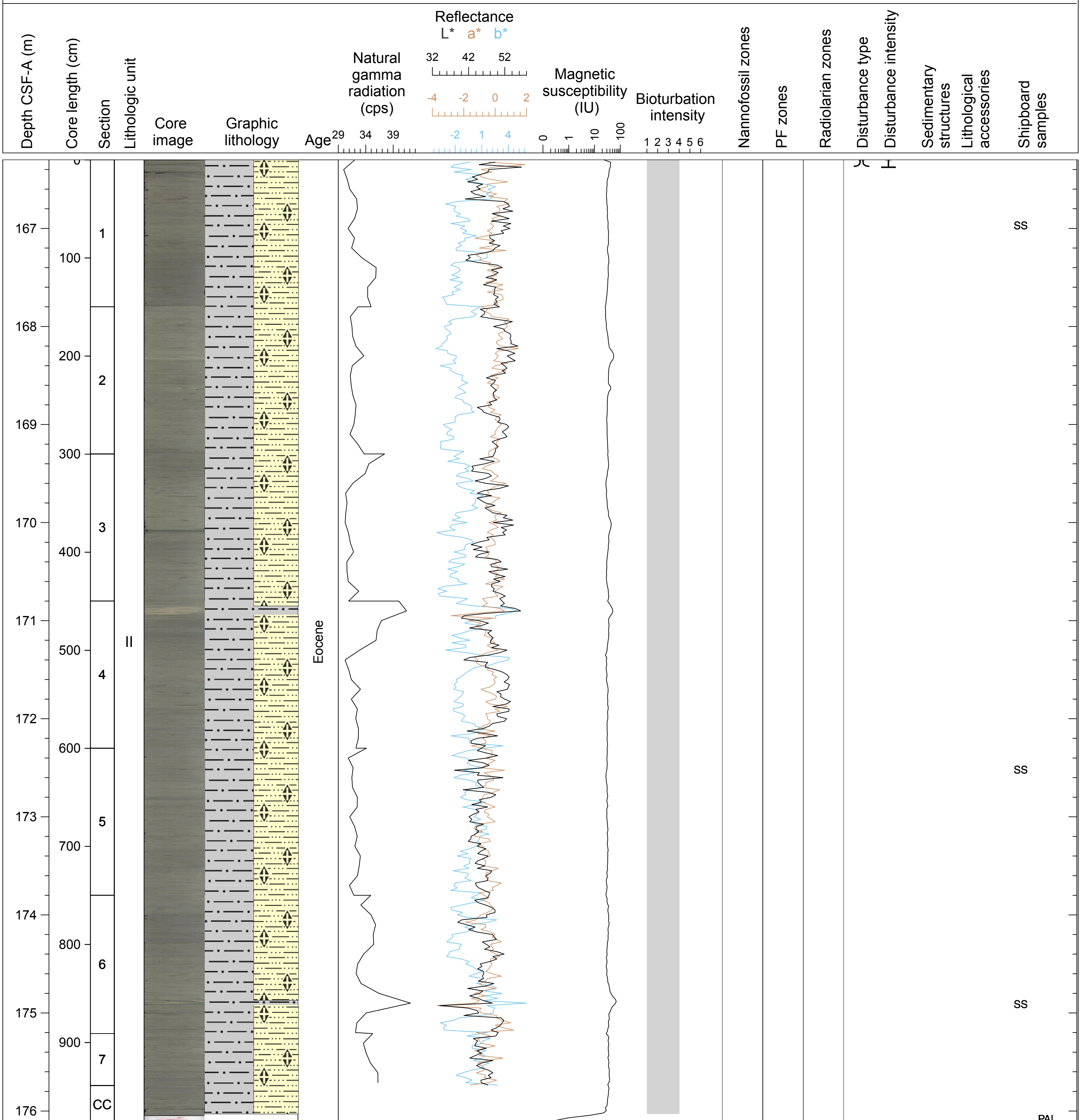
Hole 342-U1411C Core 11X, Interval 156.7-166.36 m (CSF-A)

Core U1411C-11X is a nannofossil clay that is 10Y 5/1 (greenish gray) in color. The core is moderately burrowed and mottled with disseminated pyrite. The core also contains common green banding.



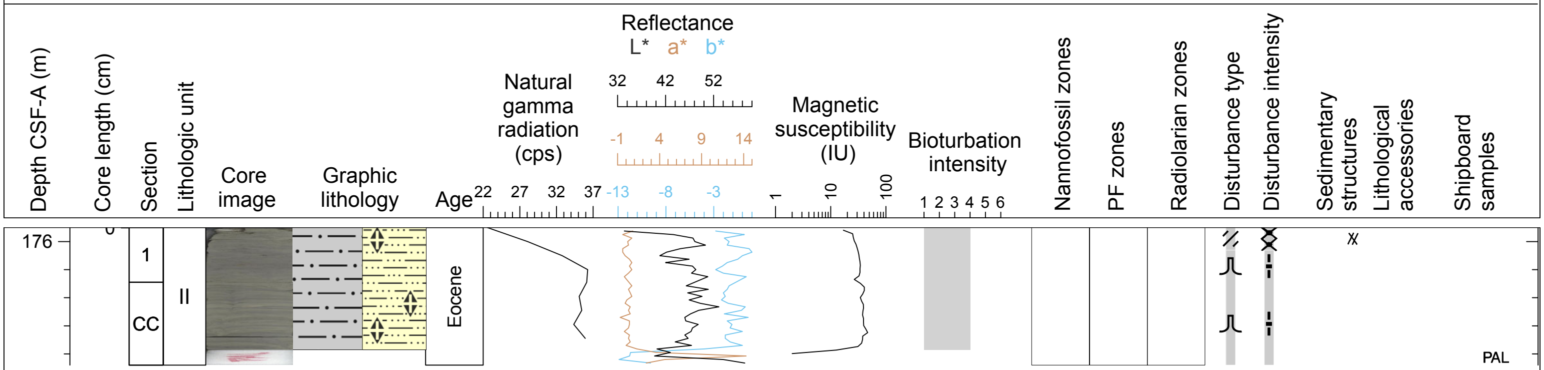
Hole 342-U1411C Core 12X, Interval 166.3-176.13 m (CSF-A)

Core U1411C-12X is a nannofossil clay that is 10Y 5/1 (greenish gray) in color this alternates with 5Y 6/2 (light olive gray) in oxidized areas. The core is moderately burrowed and mottled with disseminated pyrite. The core also contains common green banding.



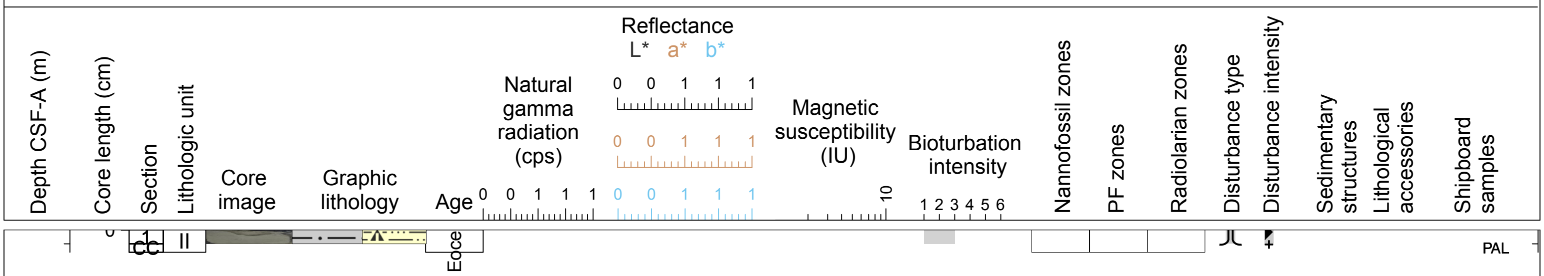
Hole 342-U1411C Core 13X, Interval 175.9-176.88 m (CSF-A)

Core U1411C-13X is a nannofossil clay that is 10Y 5/1 (greenish gray) in color. The core is moderately burrowed and mottled with disseminated pyrite. The core also contains common green banding. This core is just a fragment and very disturbed.



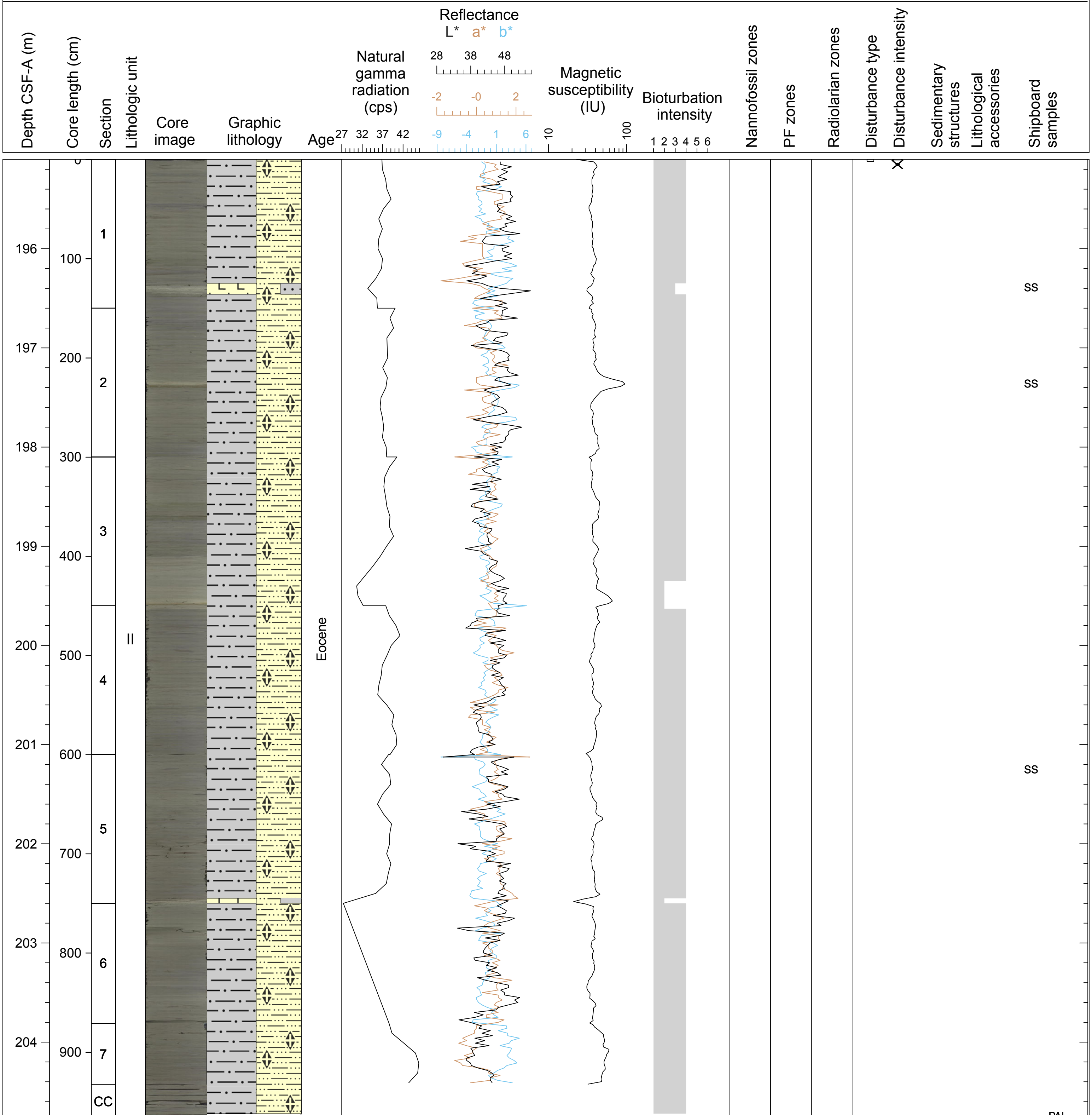
Hole 342-U1411C Core 14X, Interval 185.5-185.66 m (CSF-A)

Core U1411C-14X is a nannofossil clay that is 10Y 5/1 (greenish gray) in color. The core is moderately burrowed and mottled with disseminated pyrite. The core also contains common green banding. This core is just a fragment and very disturbed.



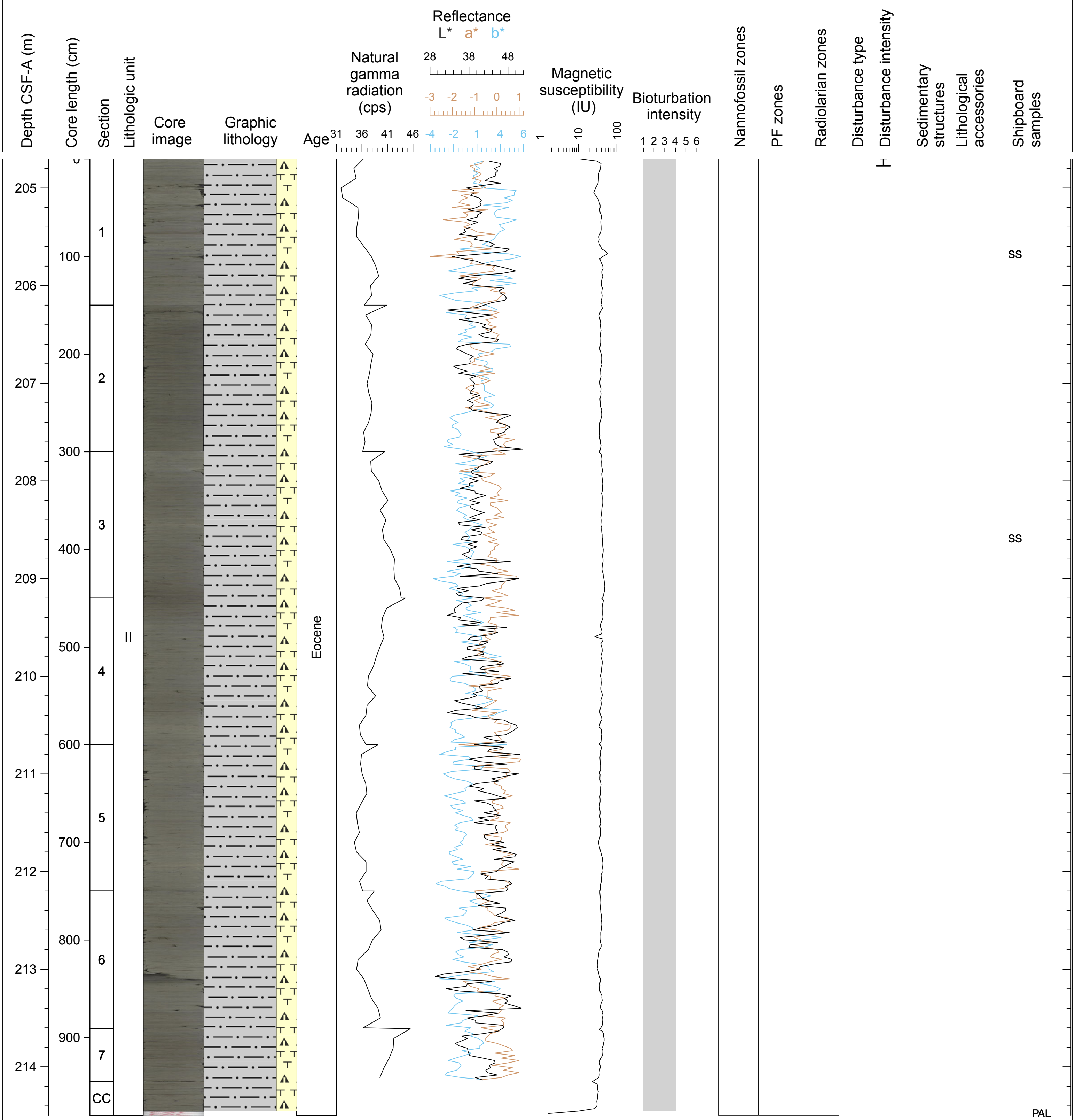
Hole 342-U1411C Core 15X, Interval 195.1-204.77 m (CSF-A)

Core U1411C-15X is a nannofossil clay that is 10Y 5/1 (greenish gray) in color. The color changes briefly to 2.5Y 4/3 (olive brown) at a burrowed 'firmground' surface in section 2. The core is moderately burrowed and mottled with disseminated pyrite. The core also contains common green banding. The core has laminations in sections 3 and 4.



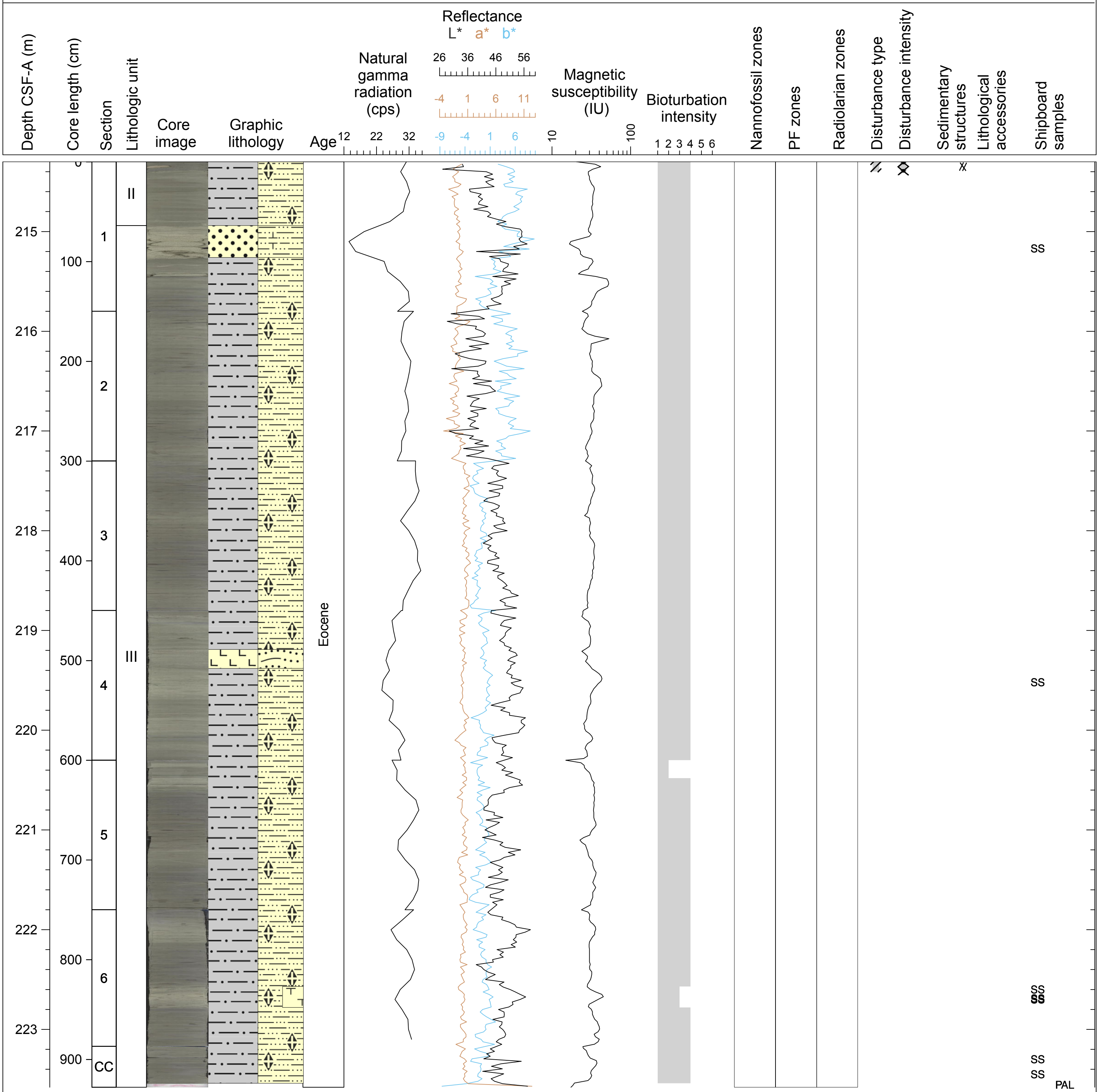
Hole 342-U1411C Core 16X, Interval 204.7-214.5 m (CSF-A)

Core U1411C-16X is a clay with nannofossils that is 10Y 5/1 (greenish gray) in color. The core is moderately burrowed and mottled with disseminated pyrite. The core also contains common green banding.



Hole 342-U1411C Core 17X, Interval 214.3-223.58 m (CSF-A)

Core U1411C-17X is a nannofossils clay that is 10Y 5/1 (greenish gray) in color. There are also layers of foraminiferal sand that are 10Y 6/1 (greenish gray) the largest being in the middle of section 1. There are laminated sediments in section 5 and a coarse sand at 84cm in section 6. The core is moderately burrowed and mottled with disseminated pyrite. The core also contains common green banding.



Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Sand texture [%]	Silt texture [%]	Clay texture [%]	Lithic grains abundance (name)	Quartz abundance (name)	Calcite, allogenic abundance (name)	Glass abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Chlorite abundance (name)	Clay minerals abundance (name)	Feldspar abundance (name)	Mica - biotite, musc abundance (name)	Ferromagnesian - ol, pyx, amph abundance (name)	Heavy minerals abundance (name)	Zircon abundance (name)	Opaques abundance (name)	Oxide abundance (name)	Clay minerals, authigenic abundance (name)	Glauconite abundance (name)	Dolomite, authigenic abundance (name)	Sulfides, authigenic abundance (name)	Pyrite, authigenic abundance (name)	Calcite, authigenic abundance (name)	Calcareous nannofossils abundance (name)	Benthic foraminifers abundance (name)	Planktonic foraminifers abundance (name)	Foraminifers abundance (name)	Planktonic foraminifers abundance [%]	Ostracods abundance (name)	Diatoms abundance (name)	Radiolarians abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Pollen and spores abundance (name)	Other microfossils abundance (name)	Echinoderm fragments abundance (name)	Biosiliceous fossil fragments abundance (name)	Sponge spicule fragments abundance (name)	Fish scales abundance (name)	Fish teeth abundance (name)	Organic matter abundance (name)	Wood fragments abundance (name)	Prefix	Principal lithology	Suffix	Complete lithology name
342-U1411A-1H-1-A 38/38-SED	0.38	0.38	gray					C [A58]				P [A58]	A [A58]			P [A58]	P [A58]					P [A58]		P [A58]			C [A58]		A [A58]	A [A58]			F [A58]	P [A58]						F [A58]					foraminiferal [Leg339]	silt [Leg339]	with nannofossils [Leg339]	foraminiferal silt with nannofossils
342-U1411A-1H-2-A 38/38-SED	1.88	1.88	red					C [A58]	P [A58]				VA[A58]			P [A58]				F [A58]							F [A58]		C [A58]	C [A58]			P [A58]												silty [Leg339]	clay [Leg339]	with foraminifers [Leg339]	silty clay with foraminifers
342-U1411A-1H-6-A 30/30-SED	7.8	7.8						C [A58]	P [A58]			P [A58]	VA[A58]			P [A58]				P [A58]		P [A58]		P [A58]			C [A58]		F [A58]	F [A58]															silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils
342-U1411A-1H-CC-W 16/16-SED	9.87	9.87						C [A58]	P [A58]			P [A58]	VA[A58]			F [A58]				P [A58]				P [A58]			C [A58]		F [A58]	F [A58]															silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils

Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Sand texture [%]	Silt texture [%]	Clay texture [%]	Lithic grains abundance (name)	Quartz abundance (name)	Calcite, allogenic abundance (name)	Glass abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Chlorite abundance (name)	Clay minerals abundance (name)	Feldspar abundance (name)	Mica - biotite, musc abundance (name)	Ferromagnesian - ol, pyx, amph abundance (name)	Heavy minerals abundance (name)	Zircon abundance (name)	Opaques abundance (name)	Oxide abundance (name)	Clay minerals, authigenic abundance (name)	Glauconite abundance (name)	Dolomite, authigenic abundance (name)	Sulfides, authigenic abundance (name)	Pyrite, authigenic abundance (name)	Calcite, authigenic abundance (name)	Calcareous nannofossils abundance (name)	Benthic foraminifers abundance (name)	Planktonic foraminifers abundance (name)	Foraminifers abundance (name)	Planktonic foraminifers abundance [%]	Ostracods abundance (name)	Diatoms abundance (name)	Radiolarians abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Pollen and spores abundance (name)	Other microfossils abundance (name)	Echinoderm fragments abundance (name)	Biosiliceous fossil fragments abundance (name)	Sponge spicule fragments abundance (name)	Fish scales abundance (name)	Fish teeth abundance (name)	Organic matter abundance (name)	Wood fragments abundance (name)	Prefix	Principal lithology	Suffix	Complete lithology name
342-U1411B-1H-1-A 21/21-SED	0.21	0.21	red					C [A58]	P [A58]				VA[A58]			P [A58]								P [A58]			F [A58]		C [A58]	C [A58]			F [A58]	P [A58]						P [A58]					silty [Leg339]	clay [Leg339]	with foraminifers [Leg339]	silty clay with foraminifers
342-U1411B-1H-1-A 45/45-SED	0.45	0.45	gray					C [A58]	F [A58]			P [A58]	VA[A58]			P [A58]	P [A58]							P [A58]			P [A58]		P [A58]	P [A58]			F [A58]	P [A58]									P [A58]		silty [Leg339]	clay [Leg339]		silty clay
342-U1411B-2H-2-A 90/90-SED	3.3	3.3	gray					F [A58]	P [A58]				F [A58]			P [A58]	P [A58]			P [A58]				P [A58]			A [A58]		A [A58]	A [A58]										P [A58]			P [A58]		foraminiferal [Leg339]	nannofossil ooze [Leg339]		foraminiferal nannofossil ooze
342-U1411B-2H-4-A 8/8-SED	5.48	5.48	dark					C [A58]				P [A58]	A [A58]	P [A58]		F [A58]						P [A58]		P [A58]			C [A58]		F [A58]	F [A58]														P [A58]	silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils
342-U1411B-2H-5-A 108/108-SED	7.98	7.98	red					F [A58]	P [A58]			P [A58]	VA[A58]	P [A58]		P [A58]				P [A58]				P [A58]			F [A58]		P [A58]	P [A58]				P [A58]												clay [Leg339]		clay
342-U1411B-3H-2-A 80/80-SED	12.7	12.7	reddish					F [A58]				P [A58]	VA[A58]	P [A58]		P [A58]	P [A58]			P [A58]				P [A58]			F [A58]		C [A58]	C [A58]															silty [Leg339]	clay [Leg339]	with foraminifers [Leg339]	silty clay with foraminifers
342-U1411B-3H-3-A 124/124-SED	14.64	14.64	green					C [A58]				P [A58]	VA[A58]			P [A58]						P [A58]		P [A58]			P [A58]		P [A58]	P [A58]															silty [Leg339]	clay [Leg339]		silty clay
342-U1411B-3H-3-A 55/55-SED	13.95	13.95						A [A58]					C [A58]			F [A58]	P [A58]					P [A58]		P [A58]			F [A58]		F [A58]	F [A58]													P [A58]		sandy [Leg339]	silt [Leg339]		sandy silt
342-U1411B-3H-5-A 80/80-SED	17.2	17.2	brown					C [A58]	P [A58]			P [A58]	VA[A58]				P [A58]			F [A58]		P [A58]		P [A58]			P [A58]																		silty [Leg339]	clay [Leg339]		silty clay
342-U1411B-4H-2-A 108/108-SED	22.48	22.48	pale green					C [A58]			P [A58]	P [A58]	VA[A58]		P [A58]		P [A58]					P [A58]		P [A58]																			P [A58]		silty [Leg339]	clay [Leg339]		silty clay
342-U1411B-4H-4-A 118/118-SED	25.58	25.58	dark green					C [A58]	P [A58]		P [A58]		VA[A58]											P [A58]			F [A58]																F [A58]		silty [Leg339]	clay [Leg339]		silty clay
342-U1411B-4H-5-A 75/75-SED	26.65	26.65	brown					C [A58]			P [A58]	P [A58]	VA[A58]			P [A58]						P [A58]		P [A58]			P [A58]		P [A58]	P [A58]															silty [Leg339]	clay [Leg339]		silty clay
342-U1411B-4H-CC-A 24/24-SED	29.88	29.88						A [A58]					C [A58]			P [A58]						P [A58]		P [A58]			F [A58]																		silty [Leg339]	sand [Leg339]		silty sand
342-U1411B-5H-1-W 71/71-SED	30.11	30.11						C [A58]				F [A58]	VA[A58]	P [A58]		P [A58]						F [A58]		F [A58]	C [A58]		P [A58]															P [A58]			silty [Leg339]	clay [Leg339]		silty clay
342-U1411B-5H-4-W 47/47-SED	34.37	34.37					P [A58]	C [A58]				F [A58]	VA[A58]		P [A58]		P [A58]			F [A58]		F [A58]			F [A58]		F [A58]																			clay [Leg339]	with silt [Leg339]	clay with silt
342-U1411B-5H-7-W 34/34-SED	38.74	38.74						C [A58]				F [A58]	A [A58]	P [A58]		P [A58]	P [A58]								F [A58]		F [A58]		P [A58]	P [A58]													F [A58]		silty [Leg339]	clay [Leg339]		silty clay
342-U1411B-5H-CC-A 30/30-SED	39.38	39.38						C [A58]				P [A58]	VA[A58]				P [A58]			P [A58]		P [A58]		P [A58]			C [A58]		P [A58]	P [A58]			P [A58]	P [A58]											silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils
342-U1411B-6H-5-W 101/101-SED	45.91	45.91	shining patch					VA[A58]					P [A58]			F [A58]									F [A58]		P [A58]																			silt [Leg339]		silt
342-U1411B-6H-6-W 48/48-SED	46.88	46.88	green					C [A58]				F [A58]	VA[A58]		P [A58]							P [A58]			F [A58]		P [A58]																		silty [Leg339]	clay [Leg339]		silty clay
342-U1411B-7H-1-W 66/66-SED	49.06	49.06						F [A58]					VA[A58]		P [A58]					P [A58]					F [A58]		F [A58]										P [A58]						F [A58]			clay [Leg339]	with silt [Leg339]	clay with silt
342-U1411B-7H-4-W 17/17-SED	53.07	53.07	green					C [A58]				F [A58]	A [A58]	P [A58]		P [A58]						P [A58]	P [A58]		F [A58]																				silty [Leg339]	clay [Leg339]		silty clay
342-U1411B-7H-6-W 45/45-SED	56.36	56.36	dark					C [A58]				F [A58]	A [A58]				P [A58]			F [A58]		P [A58]			C [A58]		C [A58]																F [A58]		silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils
342-U1411B-7H-CC-A 37/37-SED	58.46	58.46						C [A58]				P [A58]	VA[A58]		P [A58]	P [A58]						P [A58]		F [A58]			C [A58]							P [A58]									P [A58]		silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils
342-U1411B-8H-2-W 86/86-SED	60.26	60.26	dark					C [A58]				F [A58]	A [A58]				P [A58]			P [A58]		F [A58]			F [A58]		A [A58]		P [A58]	P [A58]													F [A58]		nannofossil [Leg339]	clay [Leg339]	with quartz	nannofossil clay with quartz
342-U1411B-8H-4-W 11/11-SED	62.55	62.55					P [A58]	F [A58]				F [A58]	VA[A58]			P [A58]						P [A58]			F [A58]		C [A58]																		silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils
342-U1411B-8H-4-W 16/16-SED	62.6	62.6	coarse				P [A58]	A [A58]				P [A58]	F [A58]	F [A58]	F [A58]	P [A58]	F [A58]					F [A58]			F [A58]		F [A58]																		sandy [Leg339]	silt [Leg339]		sandy silt
342-U1411B-9H-4-W 50/50-SED	71.14	71.14	green					F [A58]				F [A58]	VA[A58]				P [A58]								F [A58]																					clay [Leg339]		clay
342-U1411B-9H-6-W 117/117-SED	74.81	74.81	dark									P [A58]	VA[A58]												F [A58]																		F [A58]			clay [Leg339]	with nannofossils [Leg339]	clay with nannofossils
342-U1411B-10H-1-W 124/124-SED	78.14	78.14						F [A58]				F [A58]	A [A58]		P [A58]		P [A58]								F [A58]	P [A58]	A [A58]		F [A58]	F [A58]													F [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-10H-5-W 103/103-SED	83.93	83.93	green					P [A58]				F [A58]	A [A58]		P [A58]	P [A58]				P [A58]					F [A58]	P [A58]	A [A58]		P [A58]	P [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-11H-2-W 44/44-SED	88.34	88.34						F [A58]				F [A58]	A [A58]												F [A58]		C [A58]																F [A58]			clay [Leg339]		clay
342-U1411B-11H-3-W 35/35-SED	89.75	89.75						F [A58]				F [A58]	A [A58]									P [A58]			F [A58]	P [A58]	A [A58]																F [A58]		nannofossil [Leg339]	clay [Leg339]	with silt [Leg339]	nannofossil clay with silt
342-U1411B-11H-6-W 110/110-SED	94.8	94.8						F [A58]				F [A58]	VA[A58]	P [A58]									P [A58]		F [A58]		C [A58]	P [A58]															F [A58]			clay [Leg339]	with nannofossils [Leg339]	clay with nannofossils
342-U1411B-11H-6-W 81/81-SED	94.51	94.51	pale patch					P [A58]				F [A58]	VA[A58]										P [A58]		F [A58]		P [A58]																F [A58]			clay [Leg339]	with nannofossils [Leg339]	clay with nannofossils
342-U1411B-12H-1-W 94/94-SED	96.84	96.84	dark					F [A58]				F [A58]	VA[A58]										F [A58]		F [A58]		C [A58]																F [A58]		silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils
342-U1411B-12H-5-W 83/83-SED	102.73	102.73	green					P [A58]					VA[A58]												P [A58]		F [A58]																P [A58]			clay [Leg339]		clay
342-U1411B-12H-CC-A 41/41-SED	105.4	105.4						F [A58]				F [A58]	A [A58]		F [A58]	P [A58]				P [A58]					F [A58]	P [A58]	C [A58]																		silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils
342-U1411B-13H-1-A 123/123-SED	106.63	106.63	dark green					C [A58]				P [A58]	VA[A58]				P [A58]					P [A58]		P [A58]			C [A58]																P [A58]		silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils
342-U1411B-13H-5-A 26/26-SED	111.68	111.68	brown					F [A58]				P [A58]	VA[A58]			P [A58]						P [A58]		P [A58]			A [A58]																		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-13H-7-A 16/16-SED	114.6	114.6						F [A58]				F [A58]	A [A58]			P [A58]	P [A58]							P [A58]			A [A58]		P [A58]	P [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-14H-3-A 70/70-SED	118.6	118.6						F [A58]					A [A58]											F [A58]			A [A58]																		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-14H-4-A 32/32-SED	119.72	119.72	brown					F [A58]				P [A58]	VA[A58]											P [A58]			A [A58]		P [A58]	P [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-14H-6-A 40/40-SED	122.8	122.8	green					C [A58]				P [A58]	VA[A58]			P [A58]						P [A58]		P [A58]			C [A58]																P [A58]	P [A58]		clay [Leg339]	with nannofossils [Leg339]	clay with nannofossils
342-U1411B-15H-4-A 74/74-SED	129.5	129.5	brown					F [A58]				P [A58]	A [A58]							P [A58]		P [A58]		P [A58]			A [A58]							P [A58]											nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-15H-5-A 103/103-SED	131.24	131.24	pale green					F [A58]				P [A58]	A [A58]		P [A58]		P [A58]			P [A58]				P [A58]			A [A58]		P [A58]	P [A58]				P [A58]												nannofossil ooze [Leg339]	with clay [Leg339]	nannofossil ooze with clay
342-U1411B-15H-5-A 55/55-SED	130.76	130.76	green					F [A58]				P [A58]	A [A58]		P [A58]	P [A58]						P [A58]		P [A58]			A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-15H-CC-W 71/71-SED	133.6	133.6						F [A58]					A [A58]		P [A58]							P [A58]			C [A58]		A [A58]	F [A58]	F [A58]	F [A58]													F [A58]		nannofossil [Leg339]	clay [Leg339]	with pyrite	nannofossil clay with pyrite
342-U1411B-16H-3-A 96/96-SED	137.56	137.56	green					F [A58]					C [A58]			P [A58]						P [A58]		P [A58]			A [A58]		F [A58]	F [A58]				P [A58]												nannofossil ooze [Leg339]	with clay [Leg339]	nannofossil ooze with clay
342-U1411B-16H-4-A 48/48-SED	138.58	138.58	brown					F [A58]				P [A58]	C [A58]		P [A58]							P [A58]		P [A58]			A [A58]		C [A58]	C [A58]							P [A58]									nannofossil ooze [Leg339]	with foraminifers, clay [Leg339]	nannofossil ooze with foraminifers,
342-U1411B-16H-5-A 38/38-SED	139.98	139.98	pale green					F [A58]				P [A58]	C [A58]	P [A58]								P [A58]		P [A58]	P [A58]		A [A58]		F [A58]	F [A58]				P [A58]												nannofossil ooze [Leg339]	with clay [Leg339]	nannofossil ooze with clay
342-U1411B-16H-6-W 27/27-SED	141.38	141.38										F [A58]	VA[A58]		F [A58]	P [A58]	P [A58]								F [A58]		A [A58]	P [A58]	F [A58]	F [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-17H-3-A 46/46-SED	146.56	146.56	pale green					F [A58]				P [A58]	C [A58]											P [A58]			A [A58]		F [A58]	F [A58]																nannofossil ooze [Leg339]	with clay [Leg339]	nannofossil ooze with clay
342-U1411B-17H-4-A 75/75-SED	148.35	148.35						C [A58]					A [A58]			P [A58]						P [A58]		P [A58]			A [A58]		F [A58]	F [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-17H-7-A 25/25-SED	152.25	152.25						F [A58]				P [A58]	A [A58]							P [A58]				P [A58]			A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-17H-CC-W 78/78-SED	153.35	153.35						F [A58]					A [A58]							P [A58]					P [A58]		A [A58]		F [A58]	F [A58]													F [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-18H-3-A 60/60-SED	156.2	156.2	pale green					F [A58]	F [A58]			P [A58]	A [A58]											P [A58]			A [A58]		P [A58]	P [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-18H-5-A 55/55-SED	159.15	159.15	dark green					C [A58]					A [A58]			P [A58]						P [A58]		P [A58]			C [A58]		F [A58]	F [A58]															silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils
342-U1411B-18H-6-A 12/12-SED	160.22	160.22						F [A58]				P [A58]	A [A58]			P [A58]								P [A58]			A [A58]		P [A58]	P [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-18H-CC-W 15/15-SED	162.48	162.48										P [A58]	A [A58]												P [A58]		A [A58]																P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-19H-2-W 137/137-SED	164.97	164.97											A [A58]													F [A58]	A [A58]		P [A58]	P [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-19H-3-W 92/92-SED	166.02	166.02						P [A58]					A [A58]	P [A58]											P [A58]		A [A58]		P [A58]	P [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay

Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Sand texture [%]	Silt texture [%]	Clay texture [%]	Lithic grains abundance (name)	Quartz abundance (name)	Calcite, allogenic abundance (name)	Glass abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Chlorite abundance (name)	Clay minerals abundance (name)	Feldspar abundance (name)	Mica - biotite, musc abundance (name)	Ferromagnesian - ol, pyx, amph abundance (name)	Heavy minerals abundance (name)	Zircon abundance (name)	Opaques abundance (name)	Oxide abundance (name)	Clay minerals, authigenic abundance (name)	Glauconite abundance (name)	Dolomite, authigenic abundance (name)	Sulfides, authigenic abundance (name)	Pyrite, authigenic abundance (name)	Calcite, authigenic abundance (name)	Calcareous nannofossils abundance (name)	Benthic foraminifers abundance (name)	Planktonic foraminifers abundance (name)	Foraminifers abundance (name)	Planktonic foraminifers abundance [%]	Ostracods abundance (name)	Diatoms abundance (name)	Radiolarians abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Pollen and spores abundance (name)	Other microfossils abundance (name)	Echinoderm fragments abundance (name)	Biosiliceous fossil fragments abundance (name)	Sponge spicule fragments abundance (name)	Fish scales abundance (name)	Fish teeth abundance (name)	Organic matter abundance (name)	Wood fragments abundance (name)	Prefix	Principal lithology	Suffix	Complete lithology name
342-U1411B-19H-5-W 109/109-SED	169.19	169.19										P [A58]	A [A58]													F [A58]	A [A58]		P [A58]	P [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-19H-CC-W 74/74-SED	172.41	172.41						F [A58]				F [A58]	A [A58]												P [A58]		A [A58]																		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-20H-1-W 86/86-SED	172.46	172.46											A [A58]							P [A58]					F [A58]	P [A58]	A [A58]		P [A58]	P [A58]													F [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-20H-3-W 45/45-SED	175.05	175.05						P [A58]				P [A58]	A [A58]												F [A58]	P [A58]	A [A58]		P [A58]	P [A58]															clayey [Leg339]	nannofossil ooze [Leg339]		clayey nannofossil ooze
342-U1411B-20H-4-W 133/133-SED	177.43	177.43						P [A58]				P [A58]	A [A58]												P [A58]		A [A58]																P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-21X-1-W 20/20-SED	177.6	177.6						P [A58]				P [A58]	A [A58]				P [A58]			P [A58]					P [A58]	P [A58]	A [A58]																		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-21X-CC-A 33/33-SED	178.09	178.09						F [A58]	P [A58]				A [A58]							P [A58]		P [A58]		P [A58]			A [A58]																		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-22X-1-W 17/17-SED	187.17	187.17											A [A58]							P [A58]					P [A58]	F [A58]	A [A58]																P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-22X-CC-A 19/19-SED	187.39	187.39						F [A58]				P [A58]	A [A58]		P [A58]	P [A58]				P [A58]				P [A58]			A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-23X-2-W 54/54-SED	198.64	198.64	sandy									P [A58]	A [A58]		P [A58]		P [A58]								P [A58]	C [A58]	A [A58]		C [A58]	C [A58]															clayey [Leg339]	nannofossil chalk [Leg339]	with foraminifers [Leg339]	clayey nannofossil chalk with foraminifers
342-U1411B-23X-4-W 110/110-SED	202.2	202.2	yellowish green layer									F [A58]	A [A58]							C [A58]		P [A58]			F [A58]		A [A58]		F [A58]	F [A58]																clay [Leg339]	with oxides and nannofossils	clay with oxides and nannofossils
342-U1411B-23X-4-W 34/34-SED	201.44	201.44	sandy bleb					F [A58]					F [A58]		P [A58]										C [A58]		A [A58]	C [A58]	A [A58]	A [A58]															nannofossil [Leg339]	foraminiferal chalk [Leg339]	with clay and pyrites	nannofossil foraminiferal chalk with clay and
342-U1411B-24X-1-W 82/82-SED	207.02	207.02											A [A58]		P [A58]	P [A58]	P [A58]			F [A58]					F [A58]		A [A58]																P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411B-24X-3-W 123/123-SED	210.43	210.43	sandy bleb					P [A58]				P [A58]	A [A58]		F [A58]										F [A58]		A [A58]		C [A58]	C [A58]													P [A58]		clayey [Leg339]	nannofossil chalk [Leg339]	with foraminifers [Leg339]	clayey nannofossil chalk with foraminifers
342-U1411B-25X-1-W 115/115-SED	216.95	216.95						P [A58]				F [A58]	A [A58]							P [A58]					F [A58]		A [A58]		C [A58]	C [A58]															clayey [Leg339]	nannofossil chalk [Leg339]	with foraminifers [Leg339]	clayey nannofossil chalk with foraminifers
342-U1411B-25X-2-W 54/54-SED	217.84	217.84										F [A58]	A [A58]							P [A58]					F [A58]	P [A58]	A [A58]		P [A58]	P [A58]													P [A58]		clayey [Leg339]	nannofossil chalk [Leg339]		clayey nannofossil chalk
342-U1411B-26X-3-W 27/27-SED	228.67	228.67											A [A58]							P [A58]		P [A58]			P [A58]		A [A58]	P [A58]	F [A58]	F [A58]															clayey [Leg339]	nannofossil chalk [Leg339]		clayey nannofossil chalk
342-U1411B-26X-4-W 56/56-SED	230.46	230.46	laminated white part									P [A58]	A [A58]							P [A58]							A [A58]	P [A58]	P [A58]	P [A58]															clayey [Leg339]	nannofossil chalk [Leg339]		clayey nannofossil chalk
342-U1411B-26X-6-W 58/58-SED	233.48	233.48						F [A58]				F [A58]	A [A58]							P [A58]					P [A58]		A [A58]	P [A58]	F [A58]	F [A58]															clayey [Leg339]	nannofossil chalk [Leg339]		clayey nannofossil chalk
342-U1411B-27X-3-W 56/56-SED	237.27	237.27						P [A58]					C [A58]									P [A58]			F [A58]		VA[A58]	P [A58]	C [A58]	C [A58]																nannofossil chalk [Leg339]	with foraminifers and clay	nannofossil chalk with foraminifers and clay
342-U1411B-27X-3-W 66/66-SED	237.37	237.37	white										P [A58]														VA[A58]	F [A58]	C [A58]	C [A58]																nannofossil chalk [Leg339]	with foraminifers [Leg339]	nannofossil chalk with foraminifers
342-U1411B-27X-3-W 96/96-SED	237.67	237.67	gray, sandy					P [A58]					A [A58]							P [A58]					P [A58]		A [A58]	P [A58]	F [A58]	F [A58]													F [A58]		nannofossil [Leg339]	clay [Leg339]	with foraminifers [Leg339]	nannofossil clay with foraminifers
342-U1411B-27X-4-W 36/36-SED	238.48	238.48	yellowish, sandy					P [A58]					A [A58]							F [A58]					P [A58]		A [A58]	F [A58]	C [A58]	C [A58]															foraminiferal [Leg339]	nannofossil chalk [Leg339]	with clay [Leg339]	foraminiferal nannofossil chalk with clay
342-U1411B-27X-7-W 103/103-SED	242.65	242.65											A [A58]												P [A58]	F [A58]	A [A58]		F [A58]	F [A58]															clayey [Leg339]	nannofossil chalk [Leg339]		clayey nannofossil chalk
342-U1411B-28X-1-W 105/105-SED	245.65	245.65											C [A58]							P [A58]					P [A58]	P [A58]	VA[A58]		F [A58]	F [A58]																nannofossil chalk [Leg339]	with clay [Leg339]	nannofossil chalk with clay
342-U1411B-28X-3-W 142/142-SED	249.02	249.02	sandy																	P [A58]					P [A58]		A [A58]		A [A58]	A [A58]													F [A58]		nannofossil [Leg339]	foraminiferal chalk [Leg339]		nannofossil foraminiferal chalk
342-U1411B-28X-6-W 89/89-SED	252.99	252.99											A [A58]												P [A58]	F [A58]	VA[A58]		F [A58]	F [A58]															clayey [Leg339]	nannofossil chalk [Leg339]		clayey nannofossil chalk
342-U1411B-28X-CC-W 46/46-SED	254.5	254.5										P [A58]	A [A58]		P [A58]										P [A58]		A [A58]																P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay

Sample	Top Depth [m]	Bottom Depth [m]	Description of where smear slide taken	Sand texture [%]	Silt texture [%]	Clay texture [%]	Lithic grains abundance (name)	Quartz abundance (name)	Calcite, allogenic abundance (name)	Glass abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Chlorite abundance (name)	Clay minerals abundance (name)	Feldspar abundance (name)	Mica - biotite, musc abundance (name)	Ferromagnesian - ol, pyx, amph abundance (name)	Heavy minerals abundance (name)	Zircon abundance (name)	Opaques abundance (name)	Oxide abundance (name)	Clay minerals, authigenic abundance (name)	Glauconite abundance (name)	Dolomite, authigenic abundance (name)	Sulfides, authigenic abundance (name)	Pyrite, authigenic abundance (name)	Calcite, authigenic abundance (name)	Calcareous nannofossils abundance (name)	Benthic foraminifers abundance (name)	Planktonic foraminifers abundance (name)	Foraminifers abundance (name)	Planktonic foraminifers abundance [%]	Ostracods abundance (name)	Diatoms abundance (name)	Radiolarians abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Pollen and spores abundance (name)	Other microfossils abundance (name)	Echinoderm fragments abundance (name)	Biosiliceous fossil fragments abundance (name)	Sponge spicule fragments abundance (name)	Fish scales abundance (name)	Fish teeth abundance (name)	Organic matter abundance (name)	Wood fragments abundance (name)	Prefix	Principal lithology	Suffix	Complete lithology name
342-U1411C-1H-2-A 20/20-SED	1.7	1.7	gray					F [A58]					P [A58]			P [A58]						P [A58]		P [A58]			A [A58]		A [A58]	A [A58]			F [A58]	P [A58]						P [A58]					nannofossil [Leg339]	foraminiferal ooze [Leg339]		nannofossil foraminiferal ooze
342-U1411C-1H-2-A 79/79-SED	2.29	2.29	red					C [A58]	P [A58]				A [A58]			P [A58]	P [A58]			F [A58]				P [A58]			C [A58]		C [A58]	C [A58]										P [A58]			F [A58]		silty [Leg339]	clay [Leg339]	with foraminifers, nannofossils	silty clay with foraminifers, nannofossils
342-U1411C-1H-3-A 24/24-SED	2.94	2.94						F [A58]	P [A58]				F [A58]									P [A58]		P [A58]			C [A58]		VA[A58]	VA[A58]				P [A58]						P [A58]			P [A58]			foraminiferal ooze [Leg339]	with nannofossils [Leg339]	foraminiferal ooze with nannofossils
342-U1411C-2H-1-A 56/56-SED	3.76	3.76						C [A58]	C [A58]			P [A58]	F [A58]			P [A58]	P [A58]			P [A58]				F [A58]			C [A58]		A [A58]	A [A58]																foraminiferal ooze [Leg339]	with nannofossils [Leg339]	foraminiferal ooze with nannofossils
342-U1411C-2H-1-A 79/79-SED	3.99	3.99	red					C [A58]	F [A58]		P [A58]		VA[A58]	P [A58]		P [A58]				F [A58]				F [A58]			F [A58]		F [A58]	F [A58]													P [A58]		silty [Leg339]	clay [Leg339]		silty clay
342-U1411C-2H-3-A 10/10-SED	6.3	6.3	red					C [A58]	P [A58]				A [A58]			P [A58]				F [A58]		P [A58]		P [A58]			F [A58]																		silty [Leg339]	clay [Leg339]		silty clay
342-U1411C-2H-4-A 107/107-SED	8.77	8.77	black					A [A58]	F [A58]			P [A58]	C [A58]	P [A58]		P [A58]				F [A58]		P [A58]		P [A58]			P [A58]																		silty [Leg339]	sand [Leg339]		silty sand
342-U1411C-2H-4-A 116/116-SED	8.86	8.86	yellow					C [A58]				P [A58]	VA[A58]	P [A58]										P [A58]																			F [A58]		silty [Leg339]	clay [Leg339]		silty clay
342-U1411C-4H-3-A 70/70-SED	103.7	103.7	brown					C [A58]				P [A58]	VA[A58]									P [A58]	P [A58]	P [A58]			C [A58]																		silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils
342-U1411C-4H-5-A 69/69-SED	106.69	106.69	dark green					C [A58]				P [A58]	VA[A58]				P [A58]						P [A58]	F [A58]			C [A58]		P [A58]	P [A58]															silty [Leg339]	clay [Leg339]	with nannofossils [Leg339]	silty clay with nannofossils
342-U1411C-5H-5-A 104/104-SED	115.25	115.25						F [A58]					A [A58]			P [A58]								P [A58]	P [A58]		A [A58]		P [A58]	P [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411C-5H-6-A 112/112-SED	116.82	116.82	dark green					F [A58]				P [A58]	A [A58]			P [A58]	P [A58]							P [A58]	P [A58]		A [A58]		P [A58]	P [A58]				P [A58]									P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411C-6H-3-A 107/107-SED	121.52	121.52	dark green					F [A58]					A [A58]				P [A58]							F [A58]	P [A58]		A [A58]		P [A58]	P [A58]				P [A58]											nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411C-6H-5-A 37/37-SED	123.81	123.81						F [A58]					A [A58]							P [A58]				F [A58]	P [A58]		A [A58]		P [A58]	P [A58]				P [A58]									P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411C-7H-3-A 110/110-SED	129.6	129.6	brown					F [A58]				P [A58]	A [A58]											P [A58]	P [A58]		A [A58]		P [A58]	P [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411C-7H-6-A 97/97-SED	133.97	133.97	pale green					F [A58]				P [A58]	A [A58]									F [A58]		P [A58]	P [A58]		A [A58]		P [A58]	P [A58]				P [A58]											nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411C-7H-7-A 36/36-SED	134.56	134.56	green					P [A58]					C [A58]									P [A58]		P [A58]	P [A58]		VA[A58]		P [A58]	P [A58]																nannofossil ooze [Leg339]	with clay [Leg339]	nannofossil ooze with clay
342-U1411C-8H-3-A 60/60-SED	138.6	138.6	brown					F [A58]				P [A58]	C [A58]									P [A58]		P [A58]			A [A58]		F [A58]	F [A58]																nannofossil ooze [Leg339]	with clay [Leg339]	nannofossil ooze with clay
342-U1411C-8H-5-A 77/77-SED	141.77	141.77	pale green					F [A58]				P [A58]	C [A58]											P [A58]			A [A58]		P [A58]	P [A58]													P [A58]			nannofossil ooze [Leg339]	with clay [Leg339]	nannofossil ooze with clay
342-U1411C-9H-1-W 118/118-SED	145.68	145.68	dark									P [A58]	A [A58]												F [A58]	P [A58]	C [A58]		F [A58]	F [A58]																clay [Leg339]	with nannofossils [Leg339]	clay with nannofossils
342-U1411C-9H-5-W 67/67-SED	151.01	151.01						P [A58]				P [A58]	A [A58]							P [A58]					P [A58]		A [A58]																		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411C-10X-1-W 107/107-SED	153.27	153.27	pale					P [A58]					A [A58]		P [A58]					F [A58]						F [A58]	A [A58]		F [A58]	F [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411C-10X-4-W 98/98-SED	157.68	157.68	dark					P [A58]				P [A58]	VA[A58]		P [A58]										F [A58]		C [A58]																P [A58]			clay [Leg339]	with nannofossils [Leg339]	clay with nannofossils
342-U1411C-11X-2-W 105/105-SED	159.25	159.25						P [A58]					A [A58]							P [A58]					F [A58]	P [A58]	A [A58]		F [A58]	F [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411C-11X-6-W 38/38-SED	164.58	164.58	sandy bleb								P [A58]	F [A58]	C [A58]												F [A58]		A [A58]	F [A58]	A [A58]	A [A58]													F [A58]		foraminiferal [Leg339]	nannofossil chalk [Leg339]	with clay [Leg339]	foraminiferal nannofossil chalk with clay
342-U1411C-11X-7-W 22/22-SED	165.82	165.82						P [A58]				F [A58]	A [A58]												F [A58]	F [A58]	A [A58]																		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411C-12X-1-W 67/67-SED	166.97	166.97						P [A58]				F [A58]	A [A58]												F [A58]	P [A58]	A [A58]		F [A58]	F [A58]													F [A58]		clayey [Leg339]	nannofossil chalk [Leg339]		clayey nannofossil chalk
342-U1411C-12X-5-W 22/22-SED	172.52	172.52										P [A58]	A [A58]							P [A58]					F [A58]	F [A58]	A [A58]		F [A58]	F [A58]															nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411C-12X-6-W 111/111-SED	174.91	174.91										F [A58]	VA[A58]												F [A58]	F [A58]	C [A58]		F [A58]	F [A58]																clay [Leg339]	with nannofossils [Leg339]	clay with nannofossils
342-U1411C-15X-1-W 129/129-SED	196.39	196.39	sandy									P [A58]	C [A58]			P [A58]				P [A58]					F [A58]	F [A58]	A [A58]	P [A58]	A [A58]	A [A58]												P [A58]	P [A58]		nannofossil [Leg339]	foraminiferal chalk [Leg339]	with clay [Leg339]	nannofossil foraminiferal chalk with clay
342-U1411C-15X-2-W 76/76-SED	197.36	197.36						P [A58]				F [A58]	A [A58]				P [A58]								F [A58]	C [A58]	A [A58]																		nannofossil [Leg339]	clay [Leg339]	with authigenic carbonate	nannofossil clay with authigenic carbonate
342-U1411C-15X-5-W 15/15-SED	201.25	201.25											A [A58]												P [A58]		A [A58]	P [A58]	F [A58]	F [A58]													P [A58]		nannofossil [Leg339]	clay [Leg339]		nannofossil clay
342-U1411C-16X-1-W 98/98-SED	205.68	205.68	pale, hard										A [A58]		P [A58]											A [A58]	C [A58]		F [A58]	F [A58]													P [A58]			authigenic carbonate		authigenic carbonate
342-U1411C-16X-3-W 89/89-SED	208.59	208.59										F [A58]	VA[A58]							F [A58]					F [A58]		C [A58]																P [A58]			clay [Leg339]	with nannofossils [Leg339]	clay with nannofossils
342-U1411C-17X-1-W 87/87-SED	215.17	215.17						P [A58]	C [A58]				P [A58]												P [A58]		C [A58]		VA[A58]	VA[A58]													P [A58]			foraminiferal chalk [Leg339]	with nannofossils [Leg339]	foraminiferal chalk with nannofossils
342-U1411C-17X-4-W 72/72-SED	219.52	219.52						F [A58]	C [A58]				A [A58]											P [A58]			A [A58]		P [A58]	P [A58]															nannofossil [Leg339]	claystone [Leg339]		nannofossil claystone
342-U1411C-17X-6-A 80/80-SED	222.6	222.6						F [A58]	F [A58]				A [A58]											P [A58]	F [A58]		C [A58]		A [A58]	A [A58]															clayey [Leg339]	foraminiferal chalk [Leg339]	with nannofossils [Leg339]	clayey foraminiferal chalk with nannofossils
342-U1411C-17X-6-A 90/90-SED	222.7	222.7	white					F [A58]	C [A58]			P [A58]	A [A58]		P [A58]									P [A58]			A [A58]		C [A58]	C [A58]															nannofossil [Leg339]	claystone [Leg339]	with foraminifers [Leg339]	nannofossil claystone with foraminifers
342-U1411C-17X-6-W 89/89-SED	222.69	222.69						F [A58]	C [A58]				A [A58]							P [A58]				P [A58]			A [A58]		C [A58]	C [A58]															nannofossil [Leg339]	claystone [Leg339]	with foraminifers [Leg339]	nannofossil claystone with foraminifers
342-U1411C-17X-CC-A 13/13-SED	223.3	223.3	green					F [A58]	F [A58]			P [A58]	VA[A58]											P [A58]			A [A58]		P [A58]	P [A58]															nannofossil [Leg339]	claystone [Leg339]		nannofossil claystone
342-U1411C-17X-CC-A 28/28-SED	223.45	223.45						F [A58]				P [A58]	A [A58]		P [A58]					P [A58]		P [A58]		P [A58]			A [A58]		P [A58]	P [A58]													P [A58]		nannofossil [Leg339]	claystone [Leg339]		nannofossil claystone