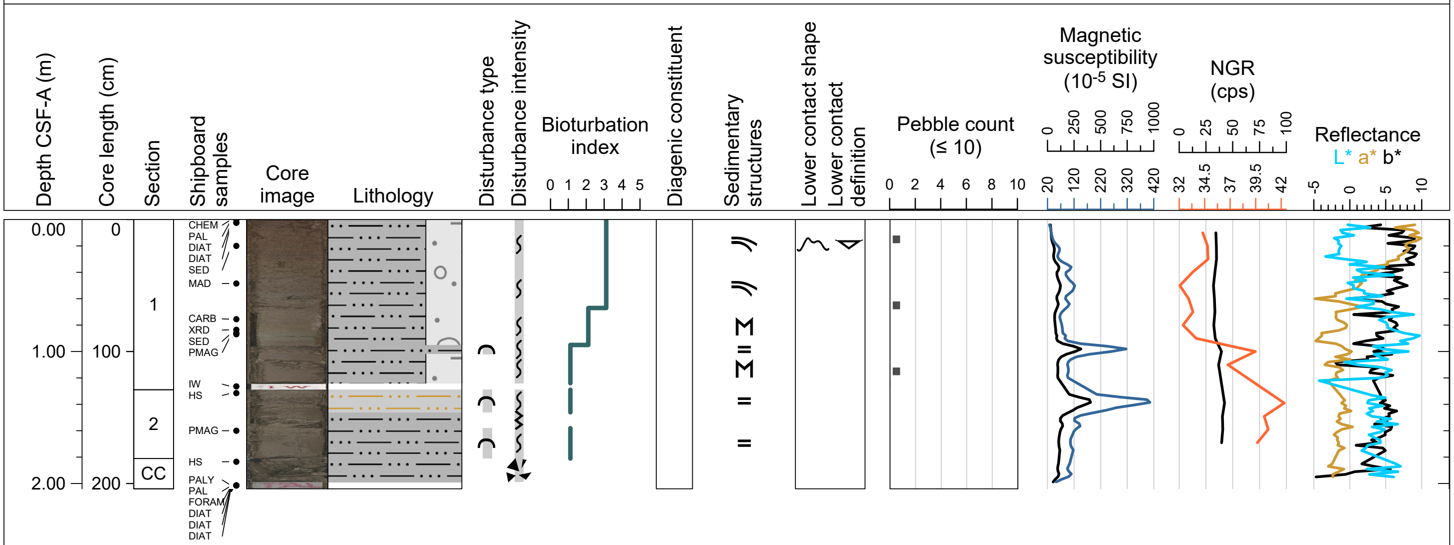
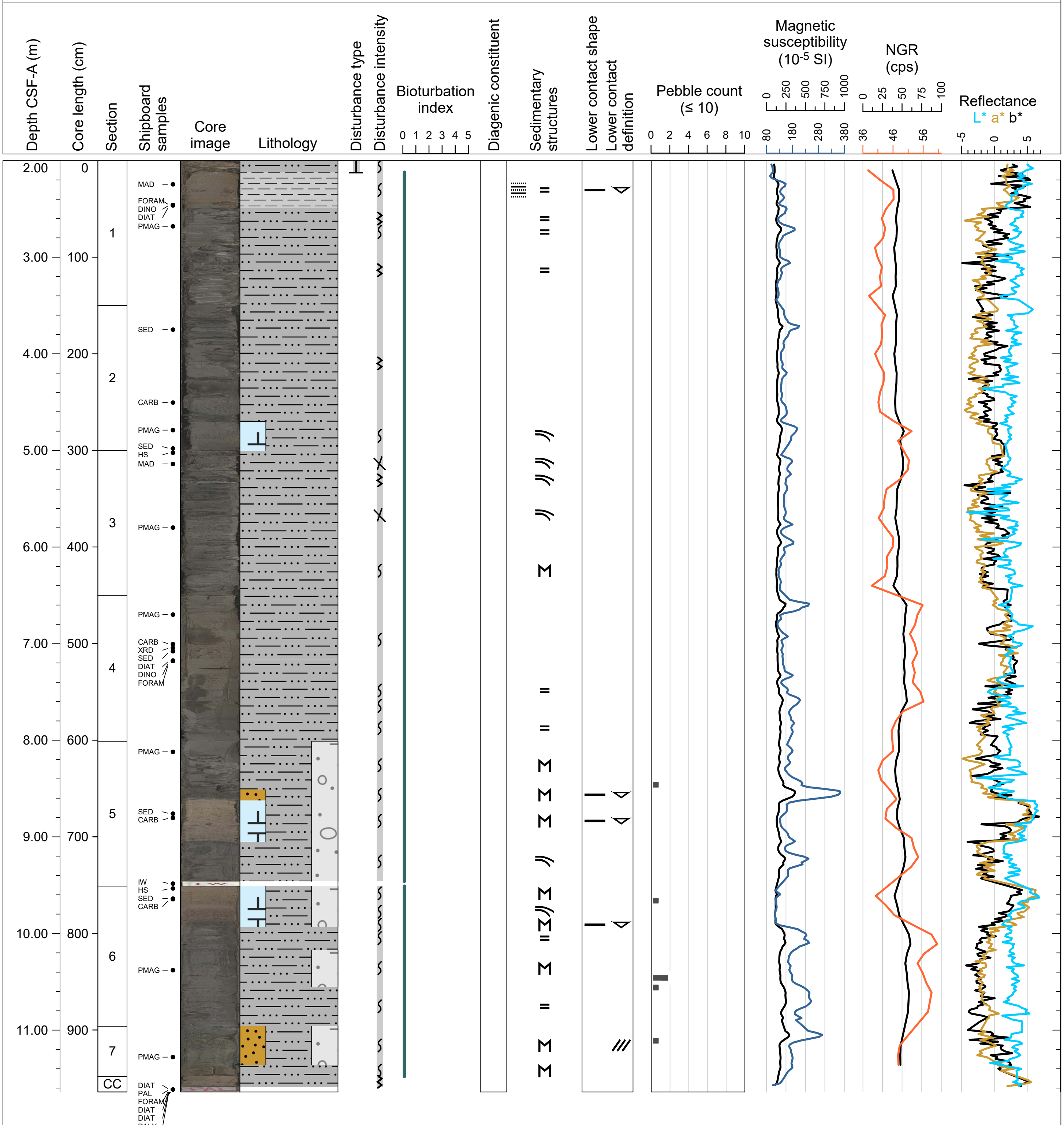
Hole 400-U1604A Core 1H, Interval 0.0-2.04 m (CSF-A)

Dark reddish brown to greenish grey massive to crudely stratified mud with dispersed clasts and light grey laminated mud. Sparse to common bioturbation.



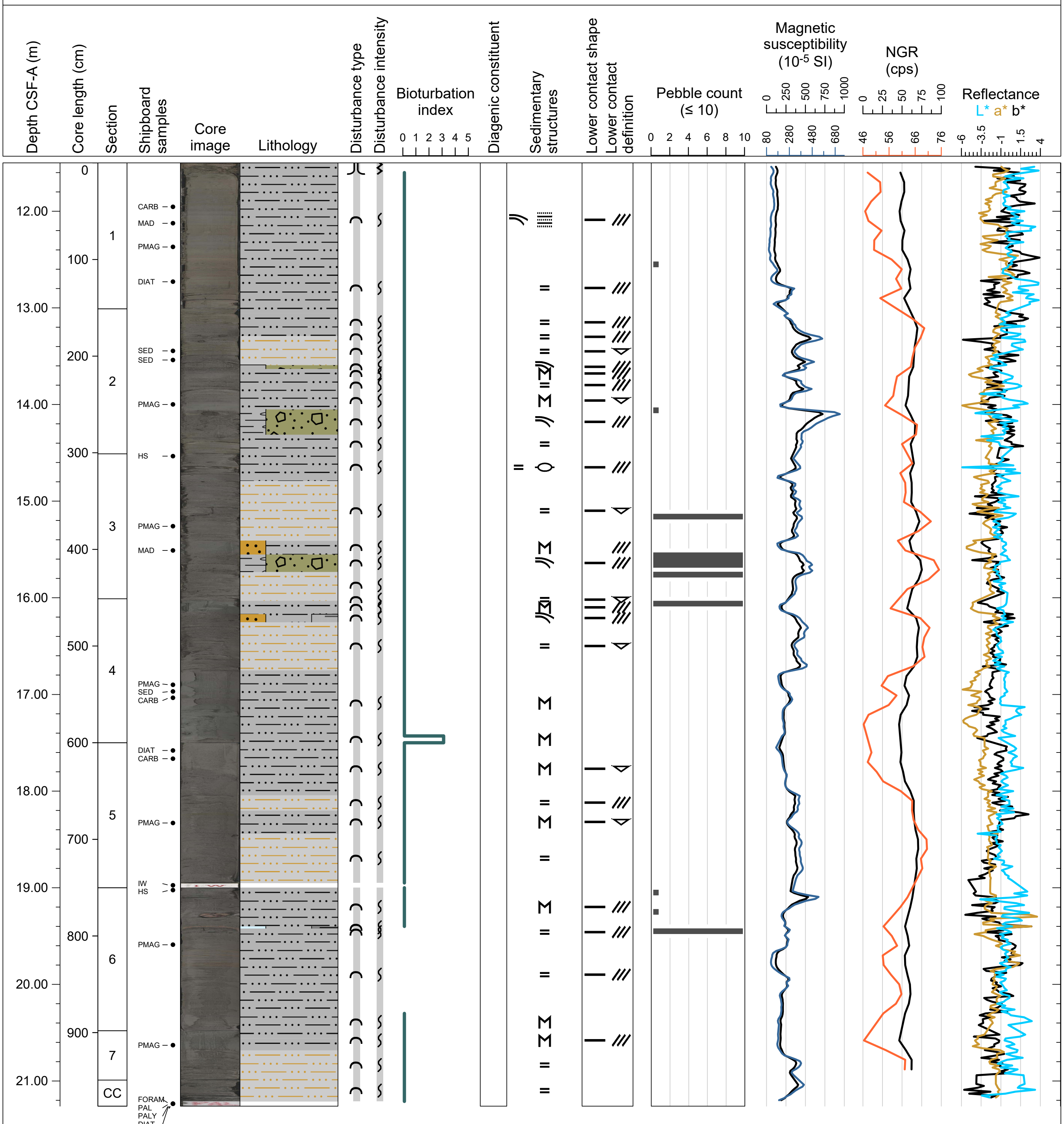
Hole 400-U1604A Core 2H, Interval 2.0-11.64 m (CSF-A)

Dark grey sparsely laminated mud interbedded with decimeter-scale interbeds of calcareous and siliciclastic sandy mud with dispersed clasts. Rare color banding is observed. Bioturbation is absent.



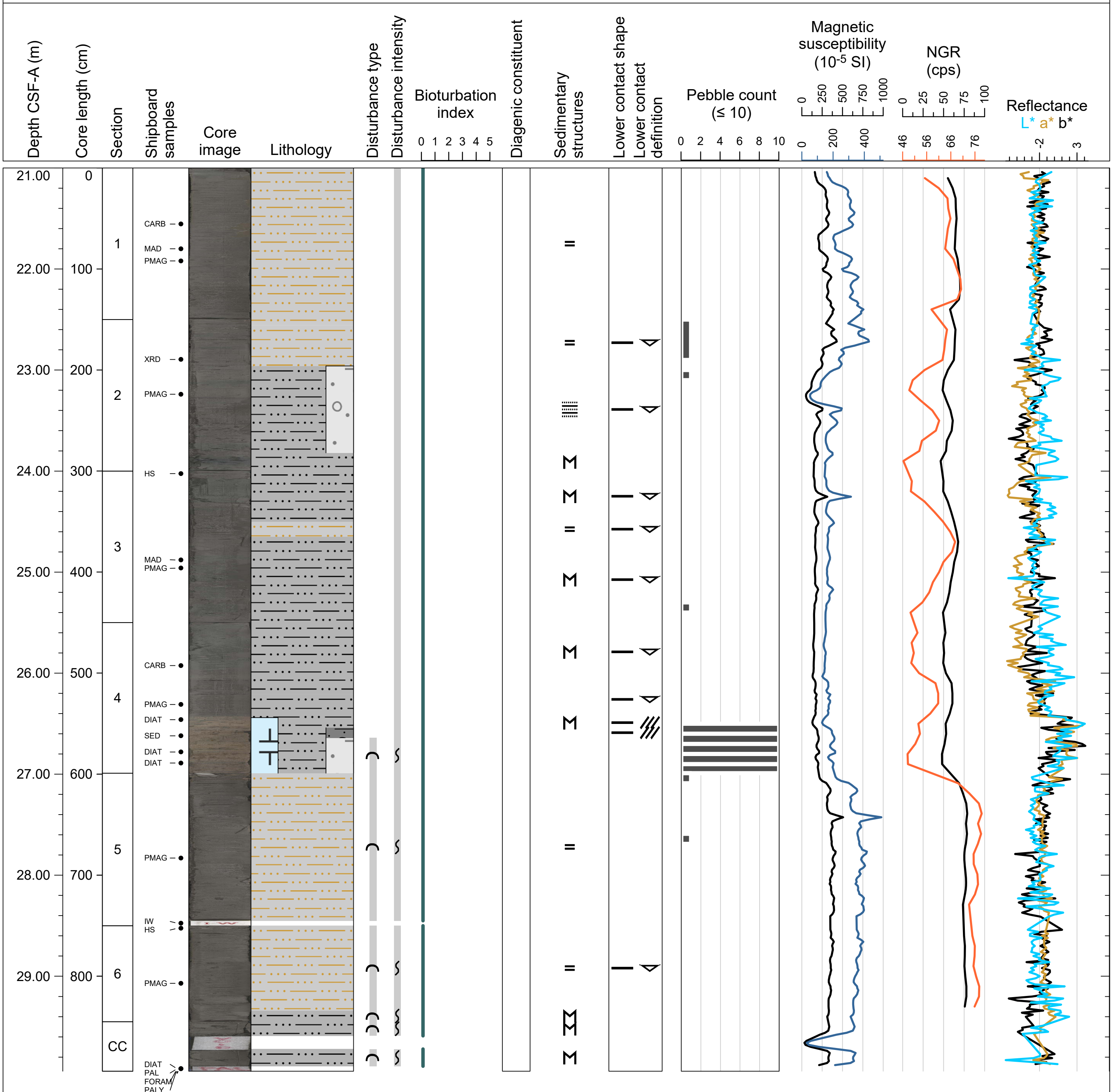
Hole 400-U1604A Core 3H, Interval 11.5-21.26 m (CSF-A)

Light greyish brown mud with color banding and sparsely laminated mud with dm-scale interbeds of interlaminated mud and sand, clast-poor to clast-rich muddy diamicton and calcareous mud with dispersed clasts. Bioturbation is absent except for the lowermost 10 cm of light brownish grey mud in Section 4.



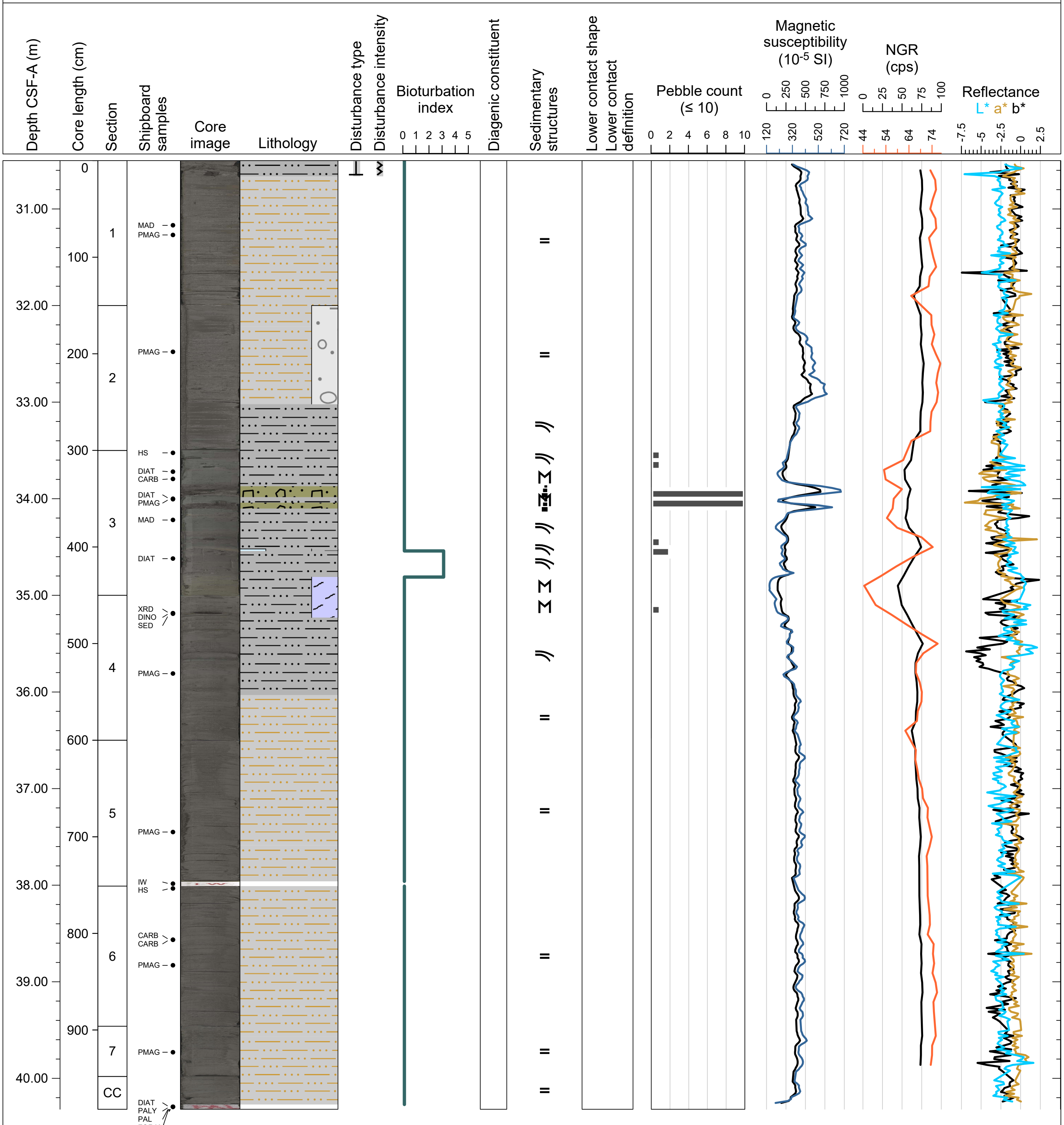
Hole 400-U1604A Core 4H, Interval 21.0-29.94 m (CSF-A)

Dark greyish yellow interlaminated mud and sand and massive to color-banded mud in alternating beds. Light brown calcareous mud/mud with dispersed clasts in lower half of Section 4. A few small pebble grade and granule sized clasts. No bioturbation observed.



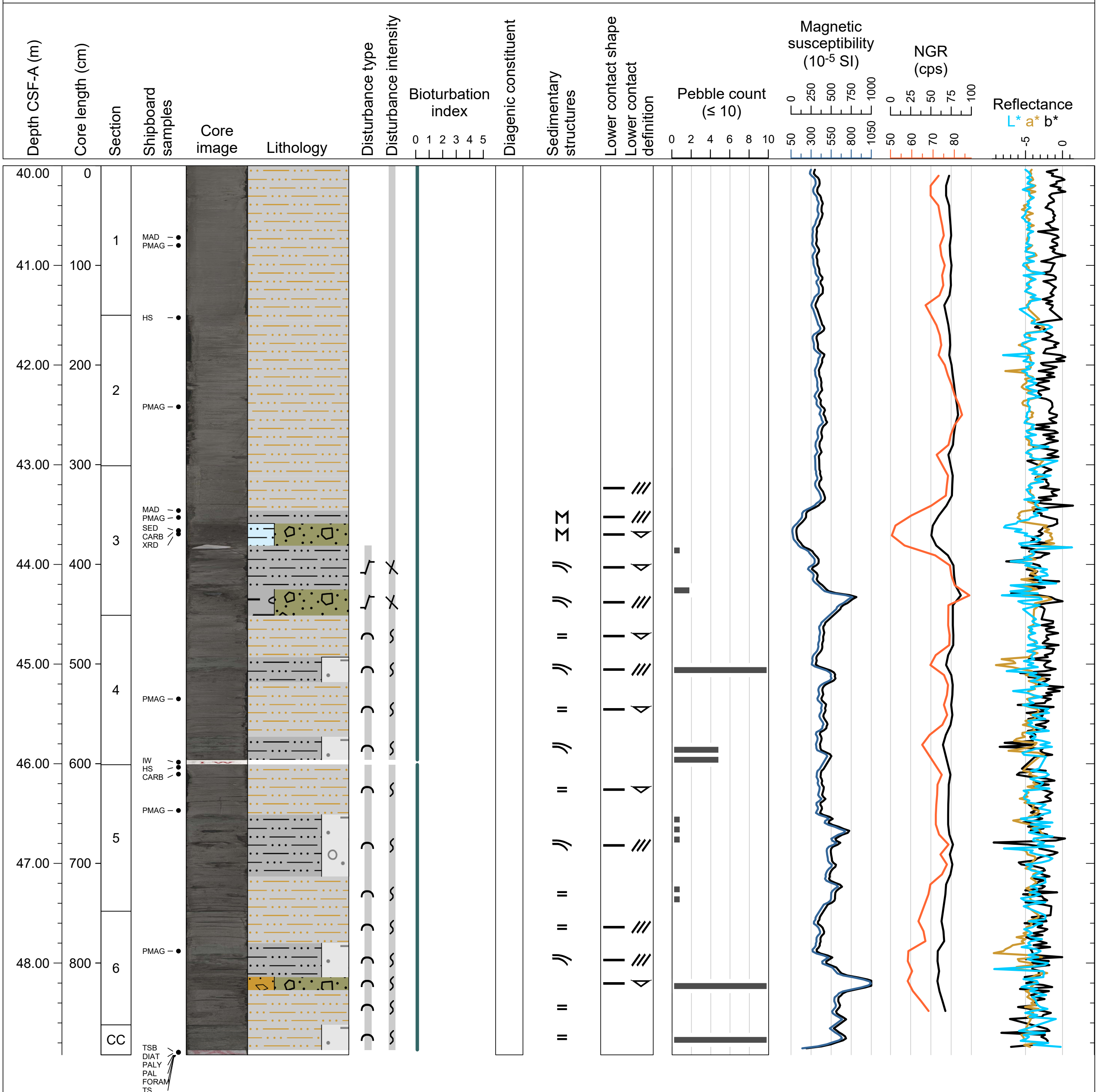
Hole 400-U1604A Core 5H, Interval 30.5-40.32 m (CSF-A)

Brownish grey interlaminated mud and sand interbedded with dark greyish green massive mud with no observed bioturbation except for a short interval in Section 3. Occurances of yellowish brown diamicton, light brown calcareous mud and light brownish grey mud containing dispersed organic debris and bioturbation.



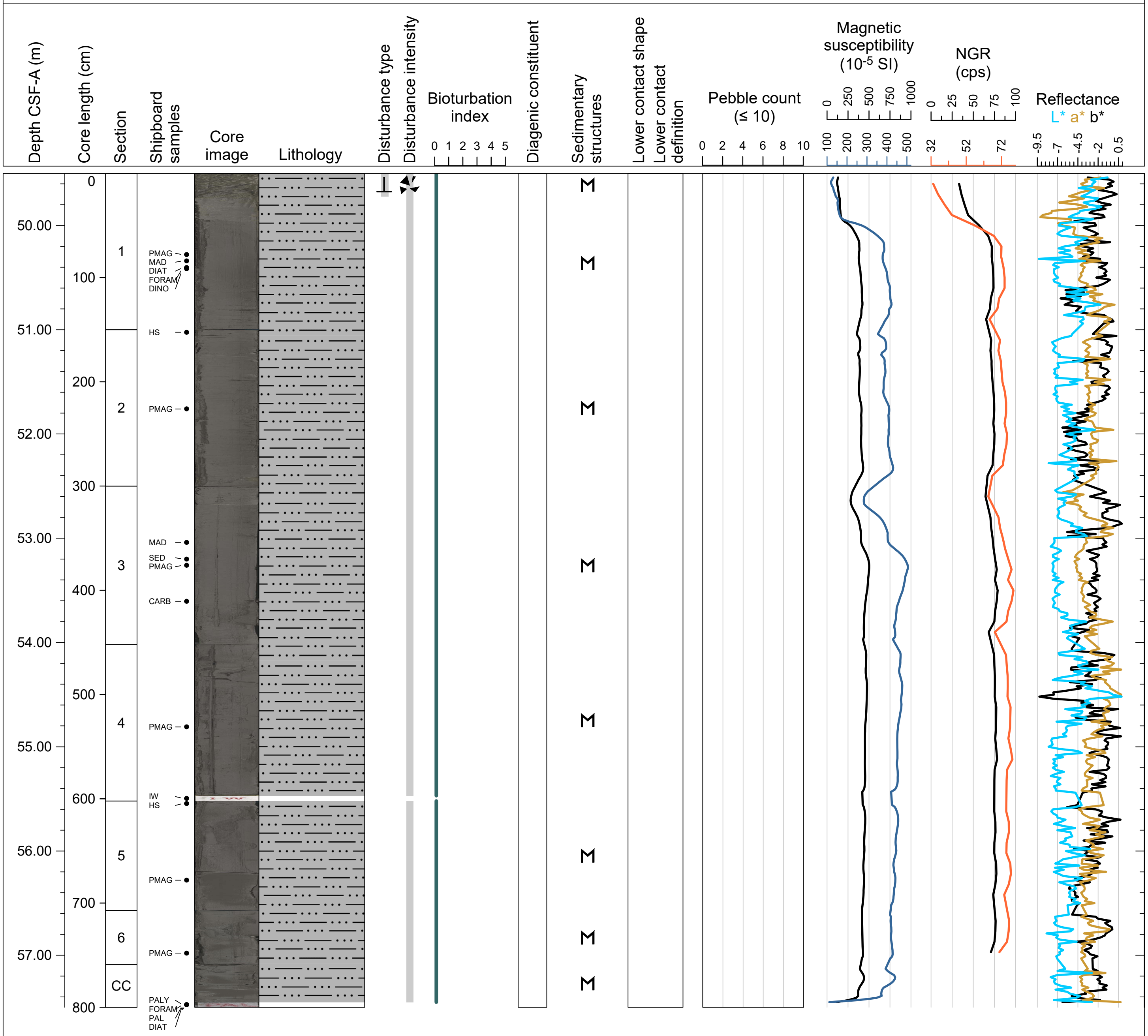
Hole 400-U1604A Core 6H, Interval 40.0-48.92 m (CSF-A)

Greyish brown thinly interlaminated sand and mud for the top 3 m, which overlies repeating ~1 m sequences down hole. Each sequence is characterized by a sharp planar basal contact of greyish brown thickly interlaminated sand and mud grading over 2 cm into red-brown clast-rich, muddy diamicton or mud with common to abundant clasts, which grades over 5 cm into massive green-grey mud or mud with dispersed clasts. Bioturbation is absent.



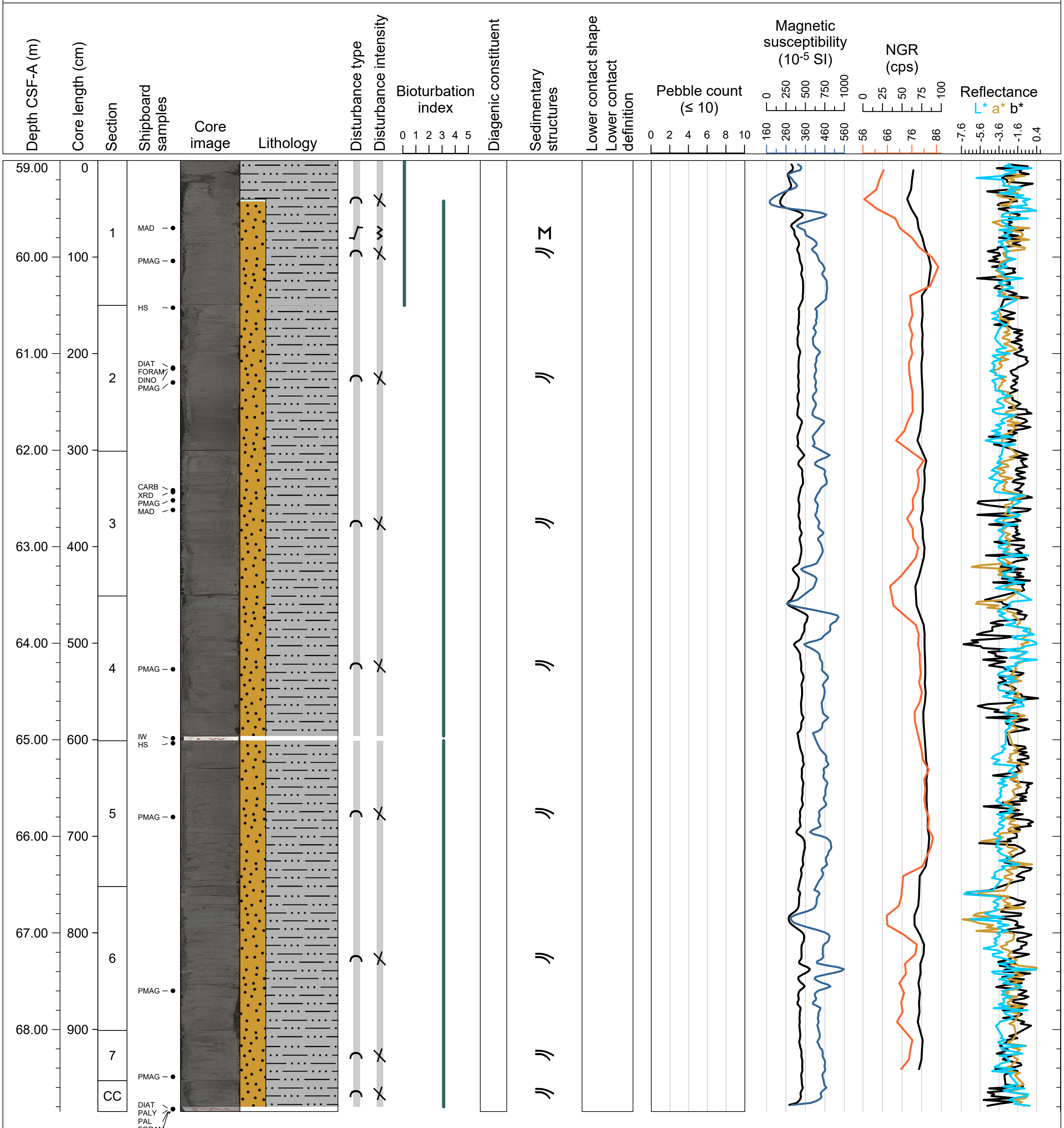
Hole 400-U1604A Core 7H, Interval 49.5-57.5 m (CSF-A)

Medium greyish yellow massive mud. Bioturbation is absent.



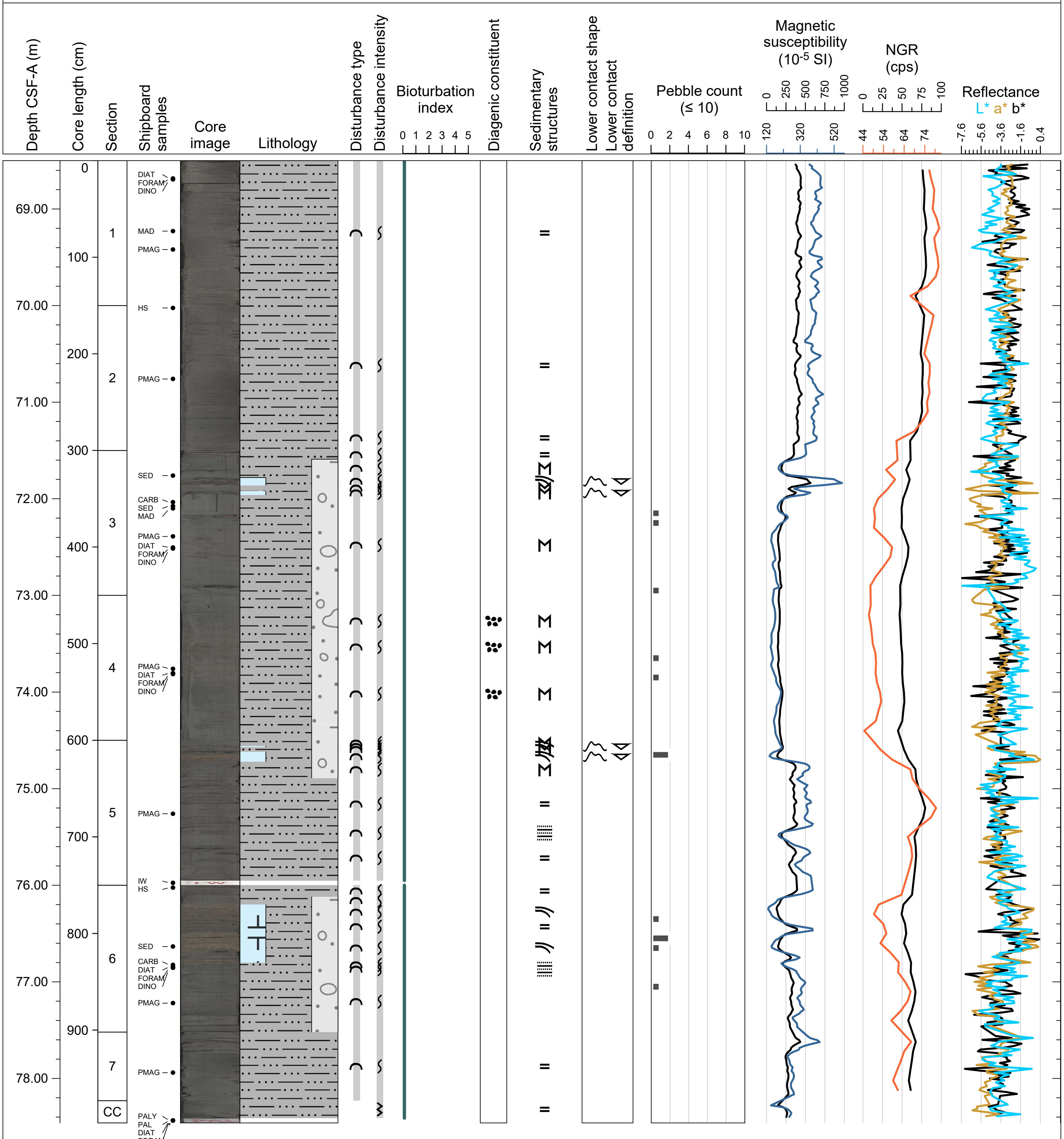
Hole 400-U1604A Core 8H, Interval 59.0-68.85 m (CSF-A)

Greenish-brown sandy mud. Despite strong drilling disturbance thick laminae apparent with occasional 1-2 cm thick beds of fine sand. Moderate bioturbation inferred by dispersed sand.



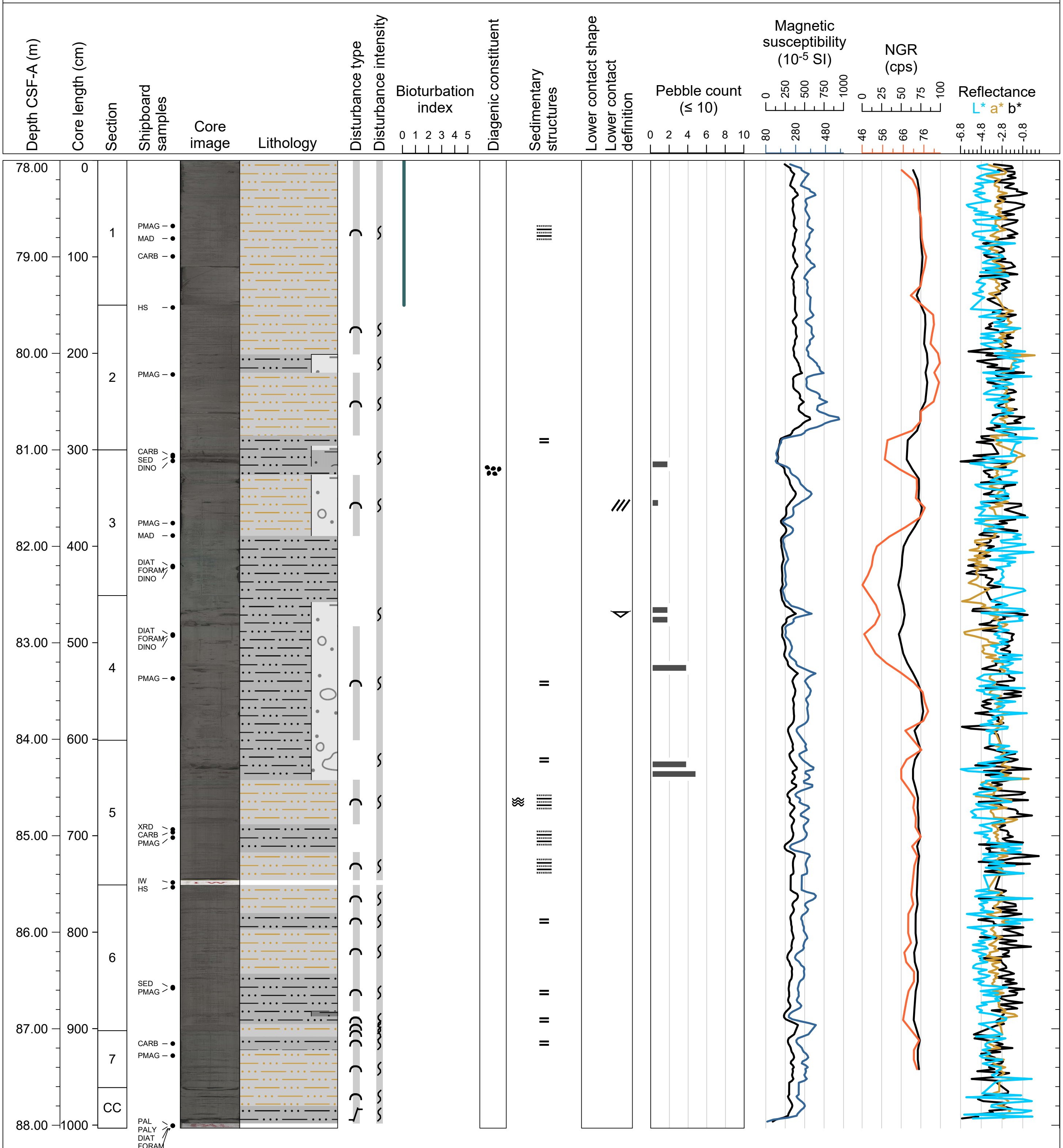
Hole 400-U1604A Core 9H, Interval 68.5-78.46 m (CSF-A)

Dark grey and dark greenish grey laminated mud and greenish grey massive mud with dispersed clasts, with dm-scale interbeds of calcareous sandy mud with dispersed clasts. Some reddish and black color banding and black mottling are present. Bioturbation is absent.



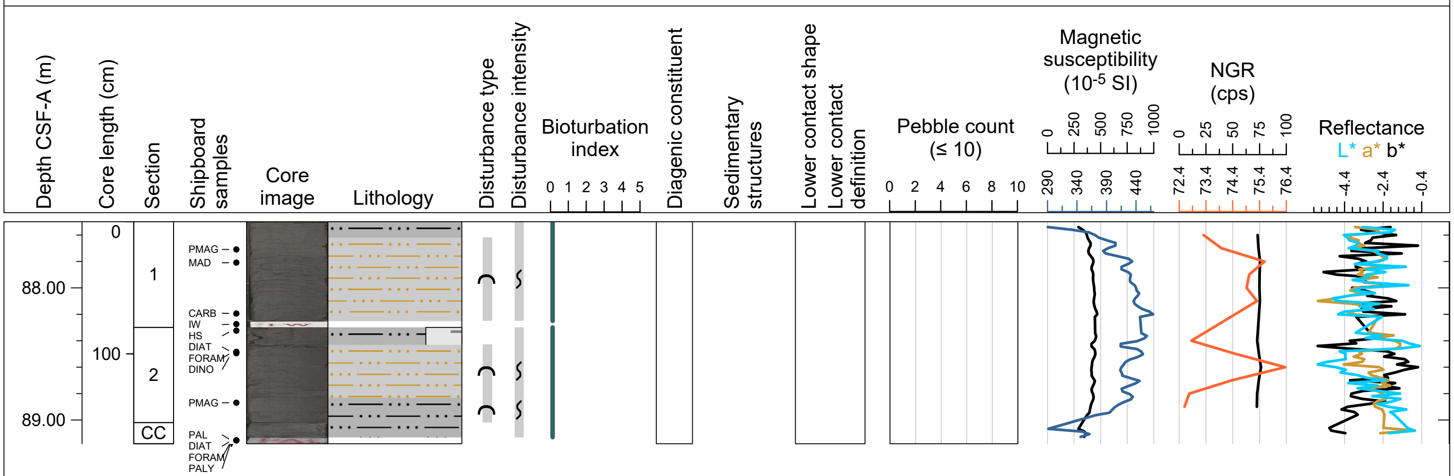
Hole 400-U1604A Core 10H, Interval 78.0-88.03 m (CSF-A)

Dark grey laminated mud. A dark brown mud layer with dispersed clasts and a bed of massive greenish grey mud occur in the middle of the core. Color banding is present.



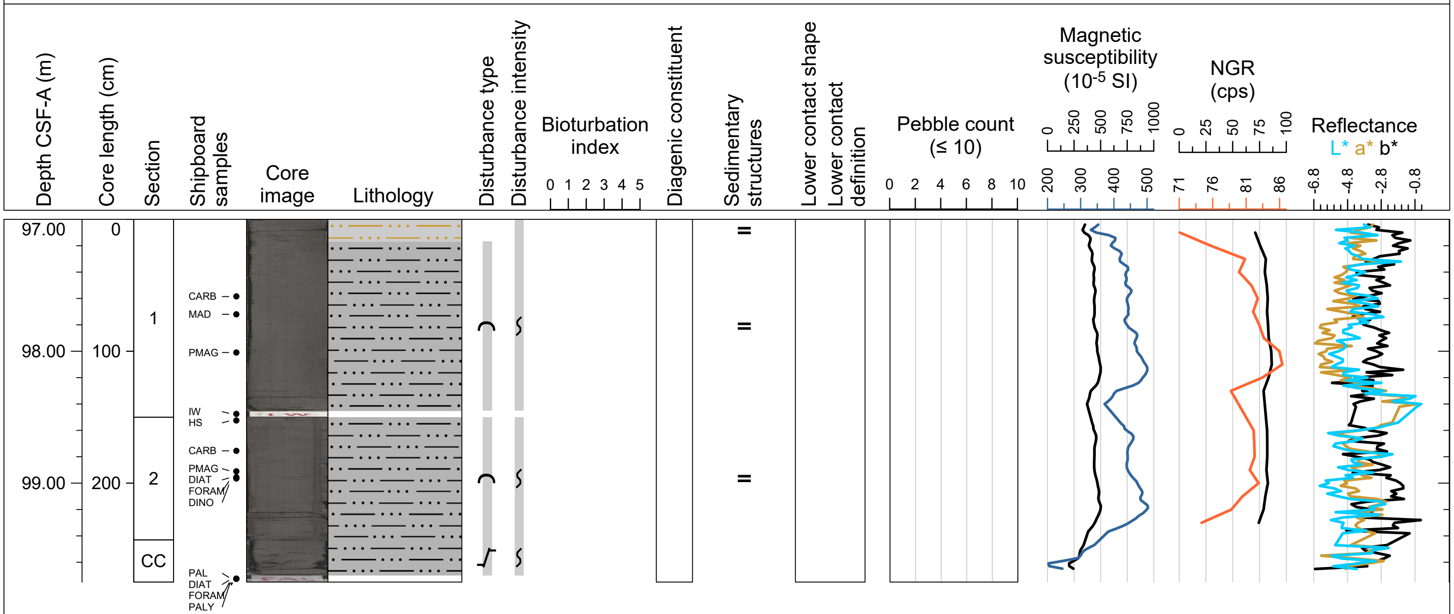
Hole 400-U1604A Core 11H, Interval 87.5-89.18 m (CSF-A)

Dark grey laminated mud and sand alternating with beds of dark grey massive mud. Bioturbation is absent.



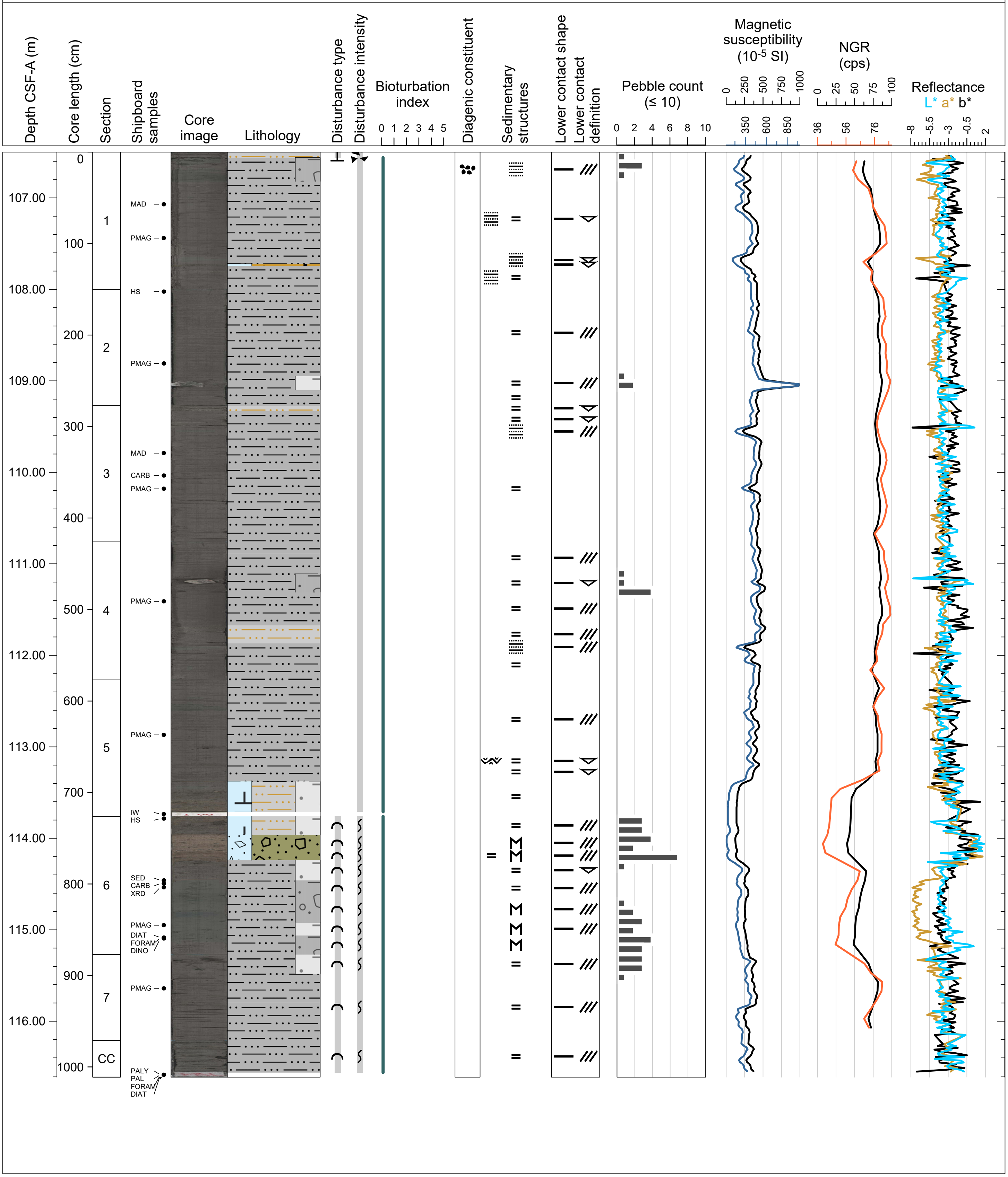
Hole 400-U1604A Core 12H, Interval 97.0-99.75 m (CSF-A)

Dark grey featureless to thinly laminated mud with slight drilling disturbance. Bioturbation is absent.



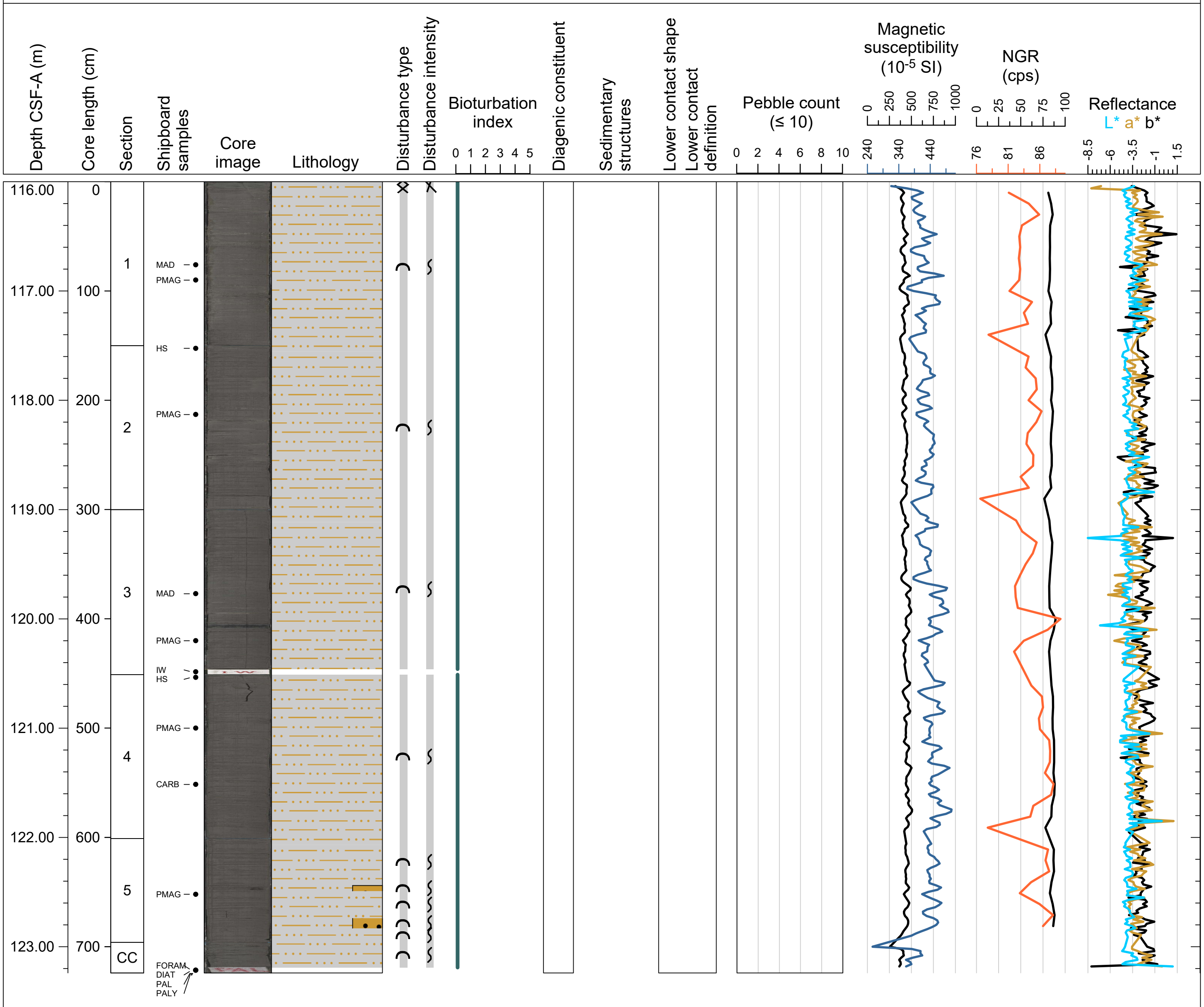
Hole 400-U1604A Core 13H, Interval 106.5-116.61 m (CSF-A)

Dark grey to greyish-brown thinly laminated mud with rare to common mm-scale sand laminae. Some cm- to dm-thick intervals of mud without sand laminae are alternatively massive, color-banded, or contain dispersed to common clasts. Detrital carbonate bearing intervals occur in two locations throughout the core, one as a 2 cm sand bed (Section 1) and the other as a dm-scale, sandy clast-rich massive diamicton with gradational change above and below in the form of calcareous sand laminae interstratified with laminated grey mud in the lower part of Section 5 and upper part of Section 6. Single instance of mm-scale normal faulting in Section 5. Bioturbation is absent.



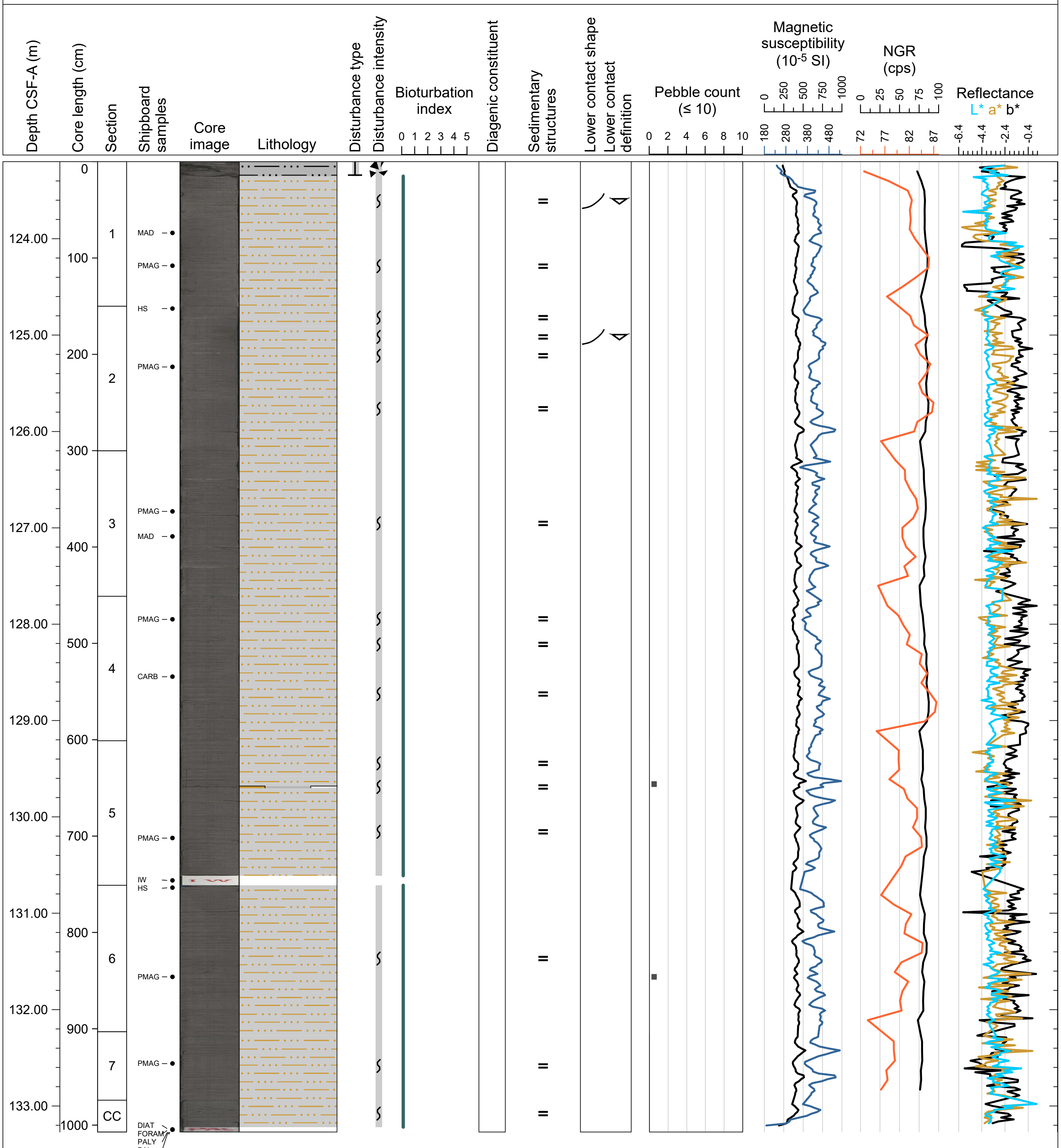
Hole 400-U1604A Core 14H, Interval 116.0-123.24 m (CSF-A)

Dark greyish-brown interlaminated mud and sand throughout the entire core. Sand laminae/beds >0.5 cm thick are rare; majority are 0.1-0.3 cm thick. Multiple sections show evidence for microfaulting (normal offset), soft-sediment deformation, and truncation, which is exhibited as numerous changes in angle/inclination of the laminations/bedding. Bioturbation is absent.



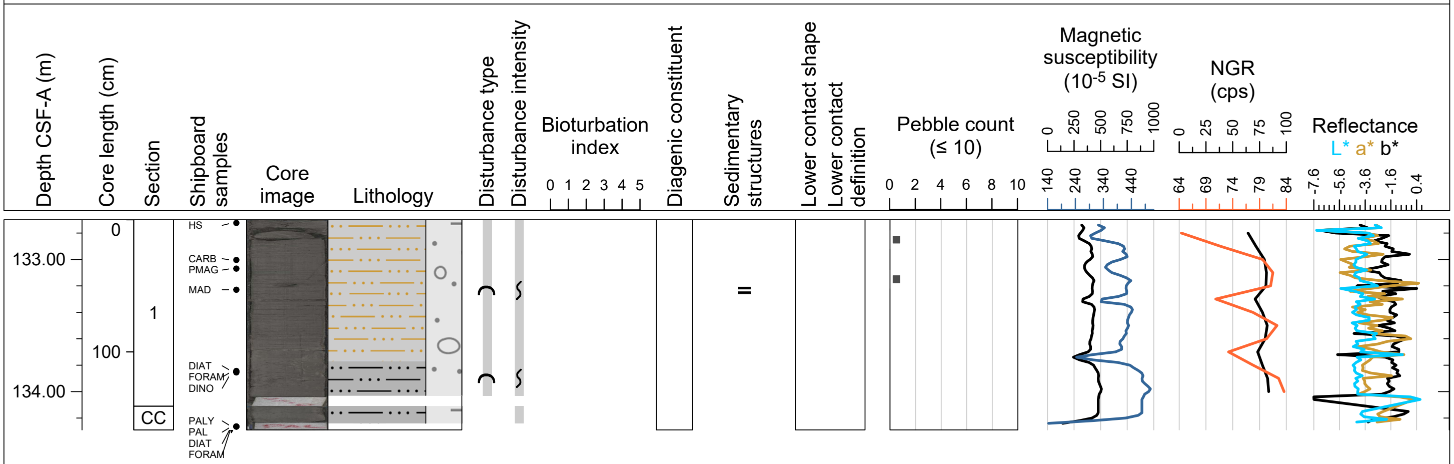
Hole 400-U1604A Core 15H, Interval 123.2-133.27 m (CSF-A)

Dark greyish brown interlaminated mud and sand. Sand laminae are sharp-based and 1 to 12 mm thick. Syn-sedimentary microfaulting is common. A few erosive contacts also occur.



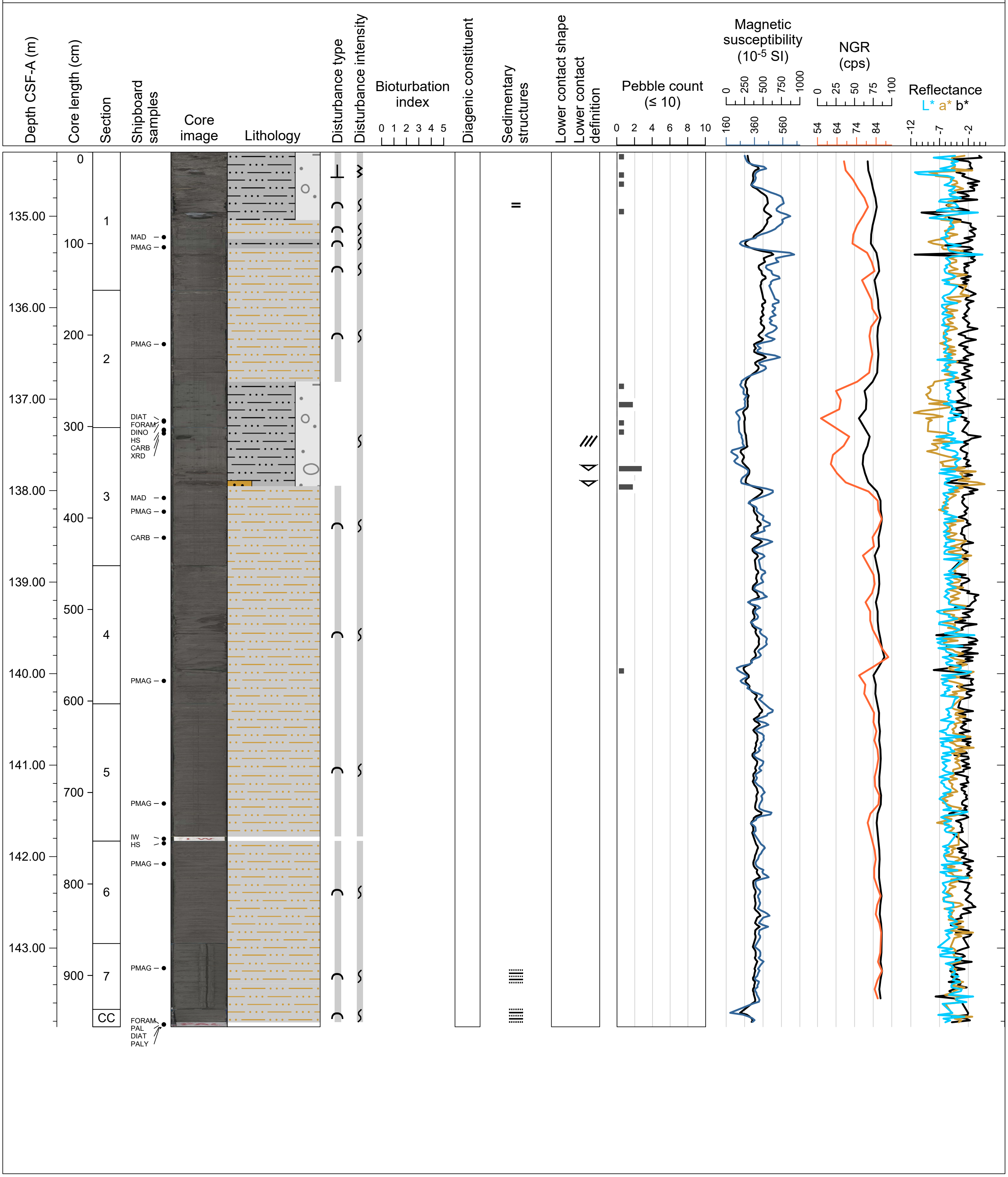
Hole 400-U1604A Core 16H, Interval 132.7-134.29 m (CSF-A)

Dark grey interlaminated sand and mud with dispersed clasts. Black layers and clasts over 1 cm in diameter are present. Bioturbation is absent.



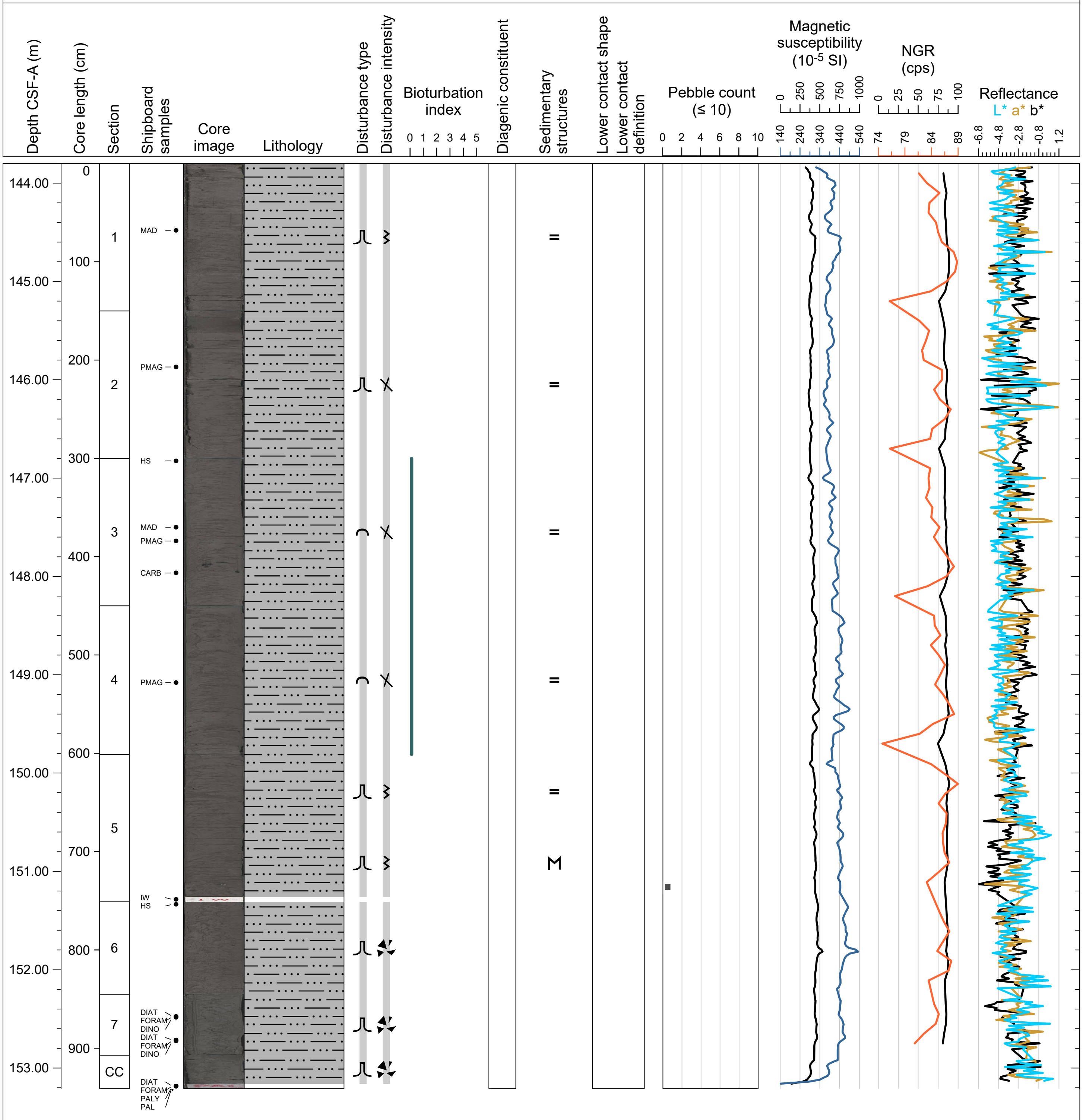
Hole 400-U1604A Core 17H, Interval 134.3-143.86 m (CSF-A)

Dark grey interlaminated mud and sand with a bed of greenish grey mud with dispersed clasts. A dark reddish layer of sandy mud occurs in the middle of the core. The upper 42 cm of Section 1 is affected by severe drilling disturbance. Bioturbation is absent througout the core.



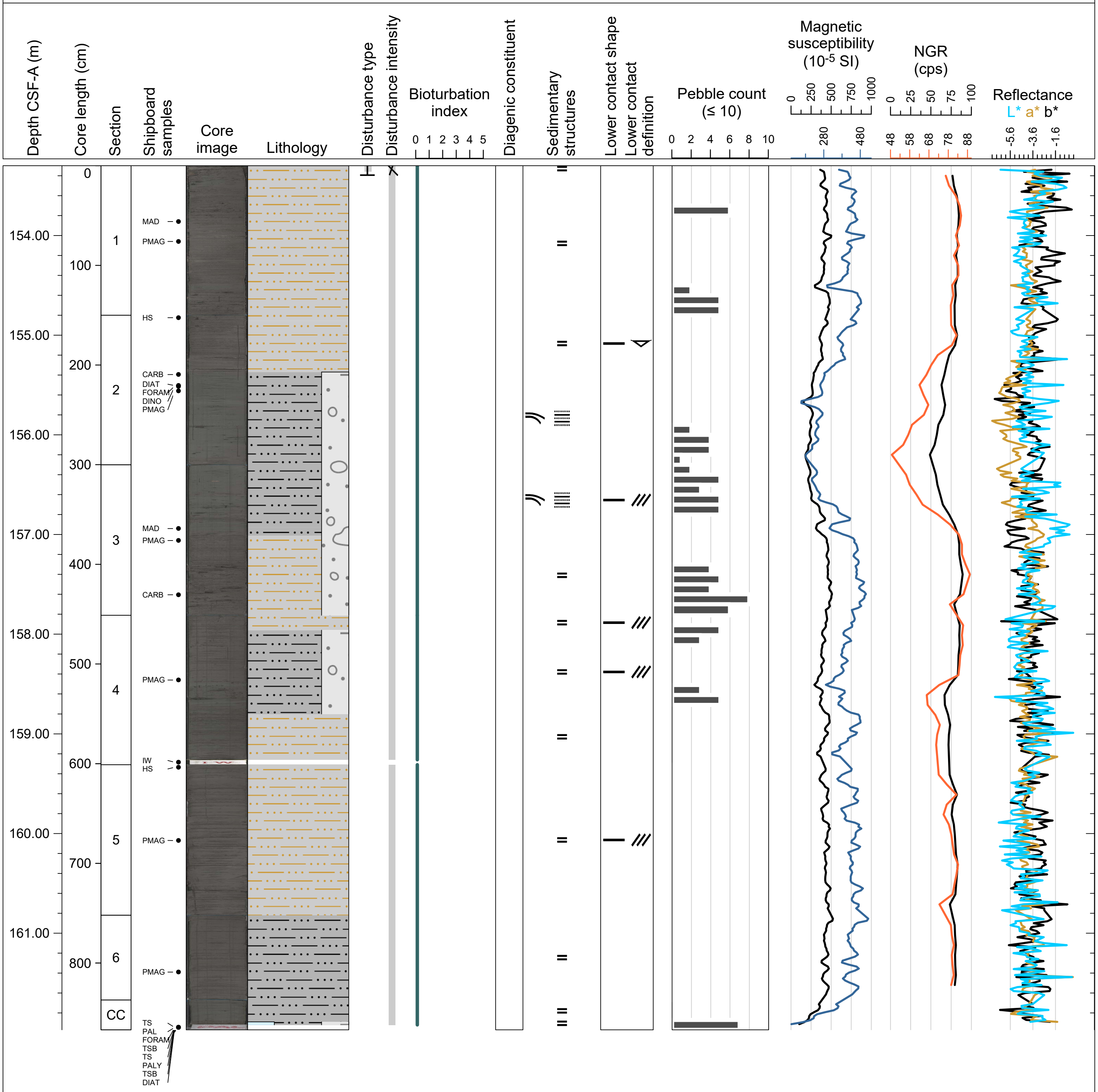
Hole 400-U1604A Core 18H, Interval 143.8-153.21 m (CSF-A)

Most of core is strongly to severely disturbed with pronounced vertical flow-in structures that disrupt any laminations, bedding, etc. Dark greyish-brown mud, likely with parallel laminations, is present throughout this core. Disrupted sand laminae are present in most sections. Bioturbation is impossible to characterize in most sections and absent elsewhere.



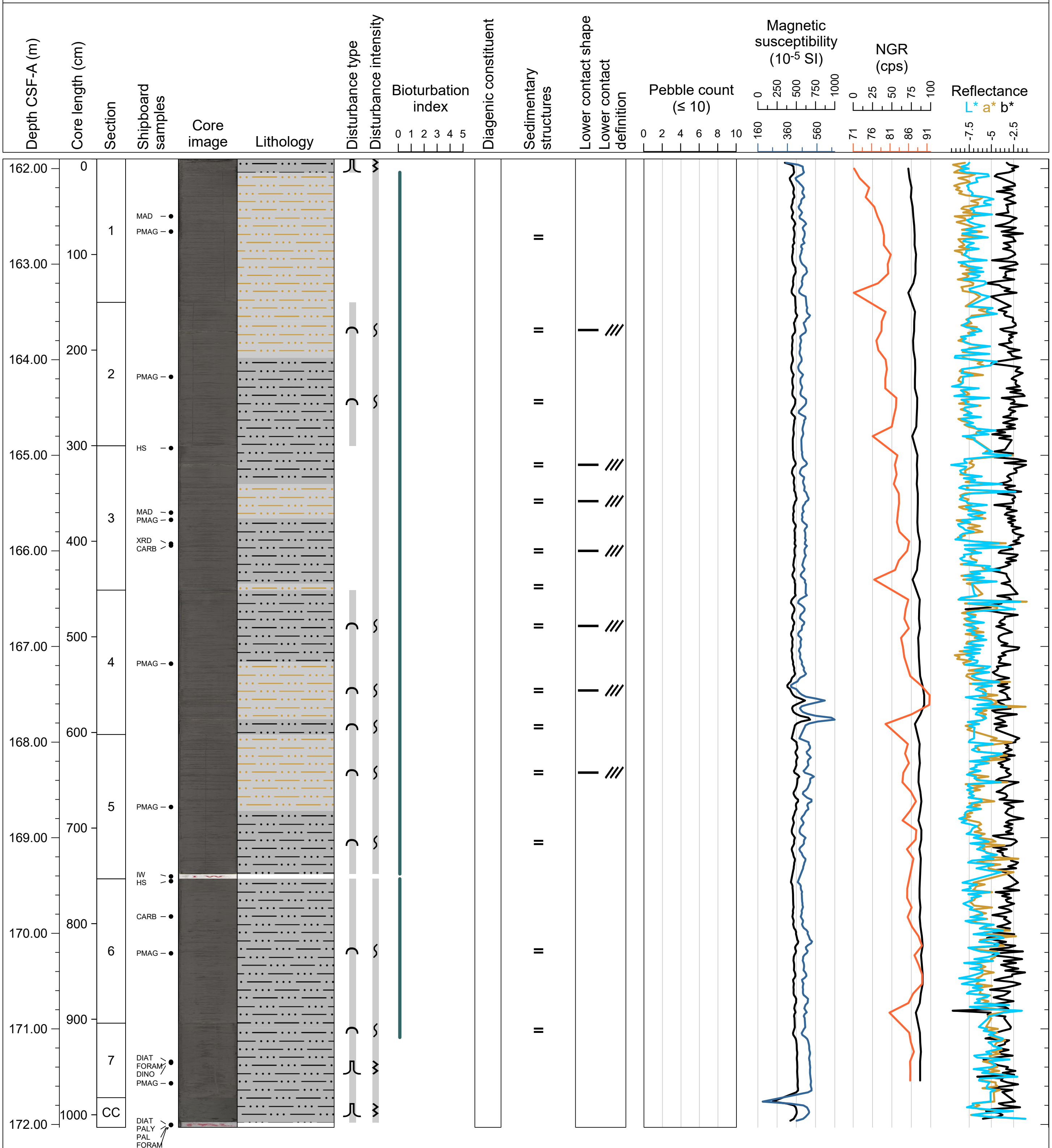
Hole 400-U1604A Core 19H, Interval 153.3-161.97 m (CSF-A)

Dark greyish brown interlaminated mud and sand, from thin to thickly laminated, with dispersed clasts in Sections 1-4. Interlaminated sand and mud alternates with intervals of dark greenish grey mud, often laminated and containing dispersed clasts. One calcareous bleb occurs in Section 3.



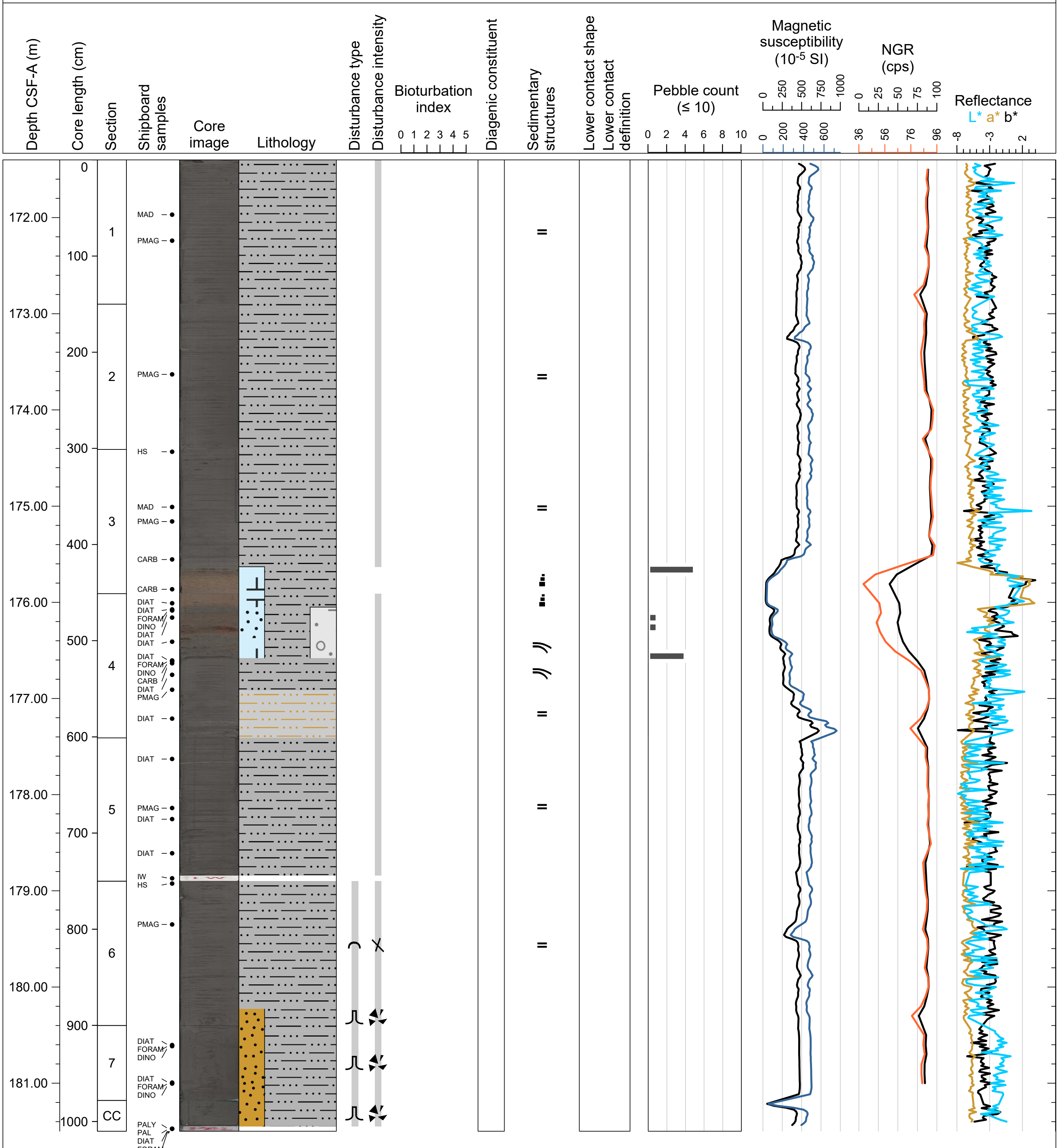
Hole 400-U1604A Core 20H, Interval 161.9-172.03 m (CSF-A)

Dark greyish brown interlaminated mud and sand alternating with intervals of mud with occasional sand laminae, which range in thickness from 1 - 10 mm. No bioturbation observed. Severe drilling disturbance through most of Section 7 and all of CC.



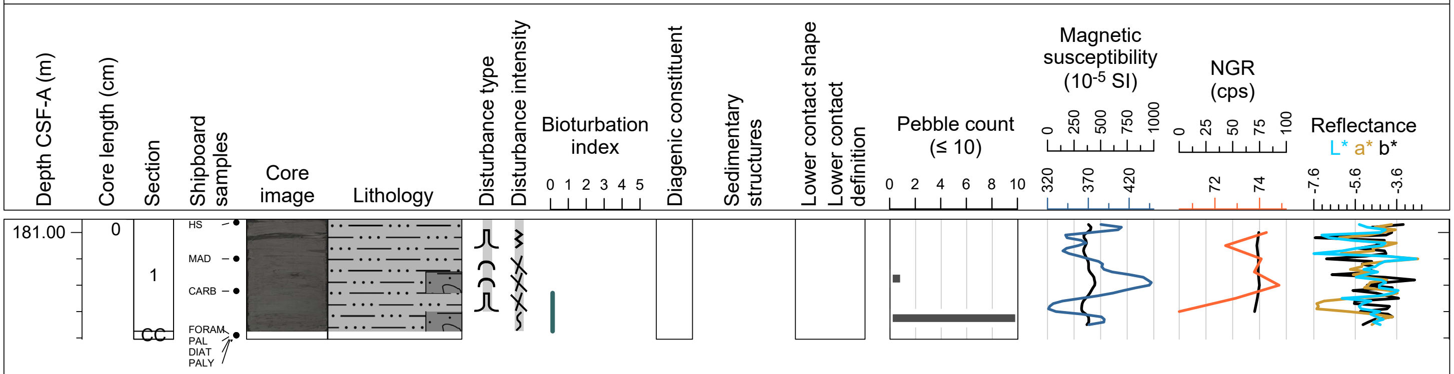
Hole 400-U1604A Core 21H, Interval 171.4-181.5 m (CSF-A)

Dark greyish brown mud with fine laminations and a significant 93 cm thick medium greyish red calcareous mud with gradational upper and lower contacts. Base of calcareous mud (upper half of Section 4) is demarcated by laminae with red clasts, overlain by an interval containing calcareous blebs, then a 25 cm thick sandy mud with dispersed clasts (including a large red sandstone clast) overlain by a 40 cm thick interval of mud in Section 3 that fines upward. This sequence grades upward into laminated mud.



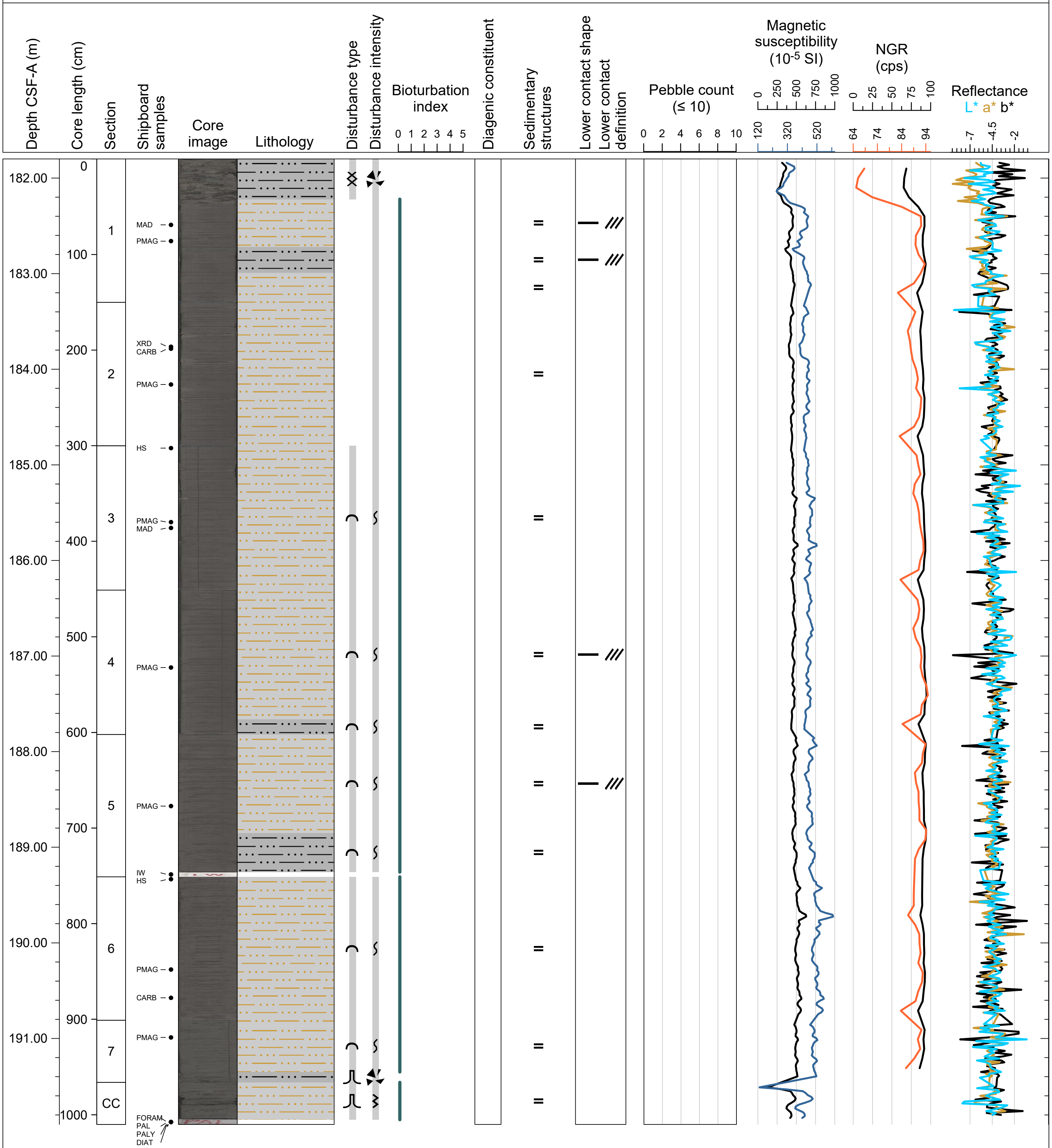
Hole 400-U1604A Core 22H, Interval 180.9-181.81 m (CSF-A)

Dark greenish mud with some intervals containing dispersed clasts. The upper 10 cm of Section 1 is affected by flow-in. No bioturbation observed.



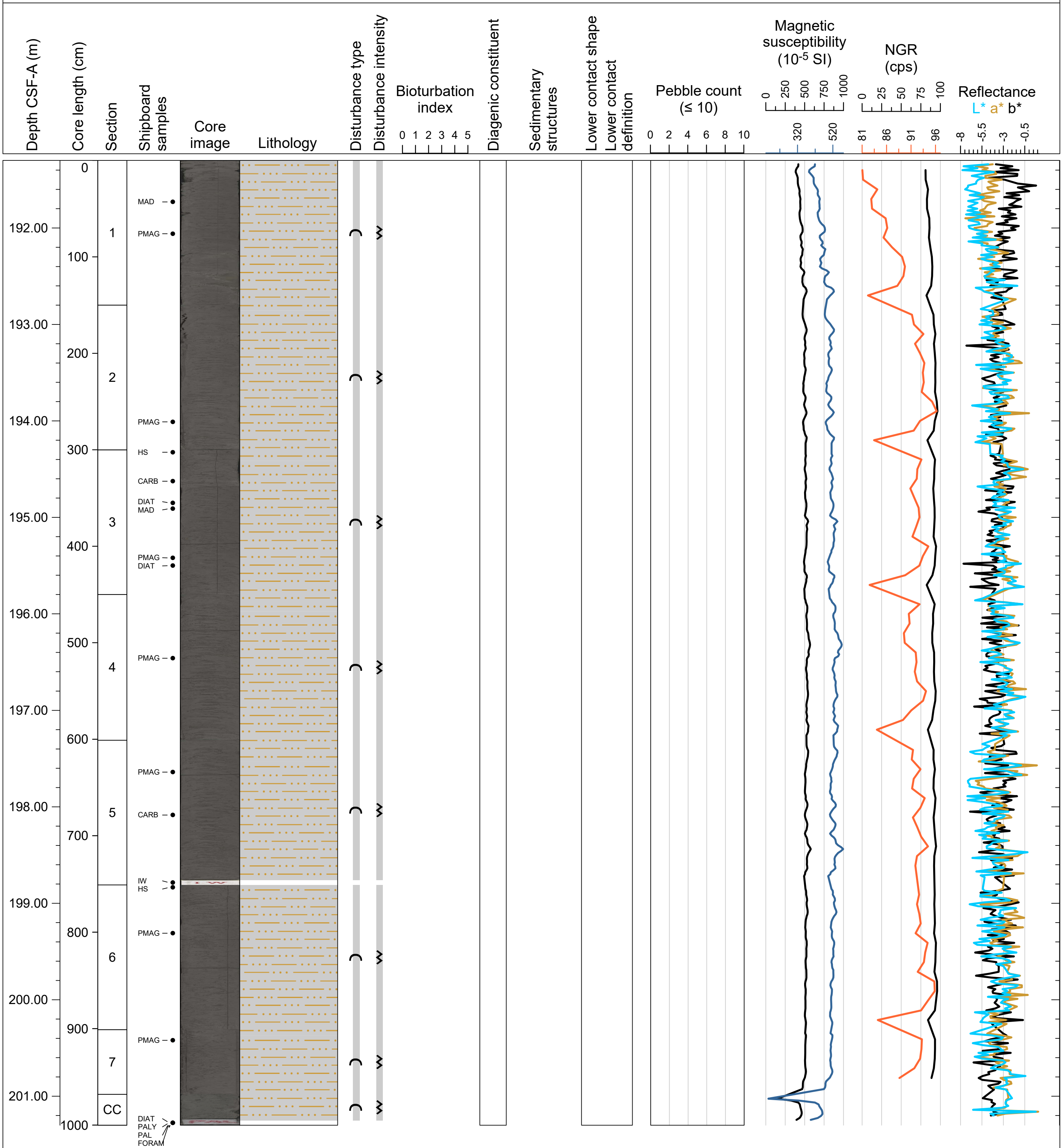
Hole 400-U1604A Core 23H, Interval 181.8-191.9 m (CSF-A)

Dark brownish grey interlaminated mud and sand and laminated mud in alternating beds. Sand laminae vary in thickness from less than 1 mm to 3 cm. No bioturbation observed.



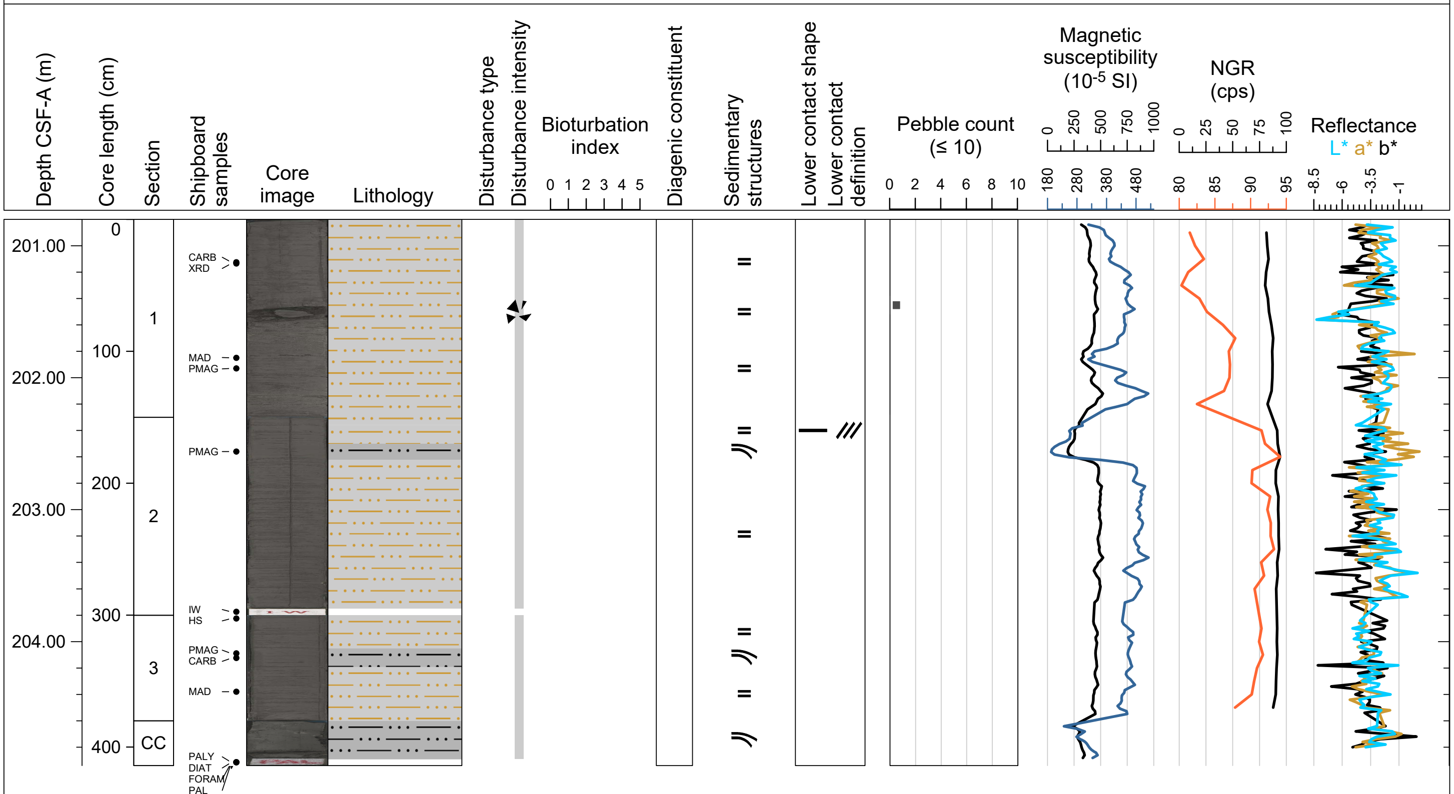
Hole 400-U1604A Core 24H, Interval 191.3-201.3 m (CSF-A)

Dark greyish brown interlaminated mud and sand. Strong to severe drilling disturbance with sand laminae up-arching to near vertical throughout the entire core. Bioturbation is unobservable due to drilling disturbance.



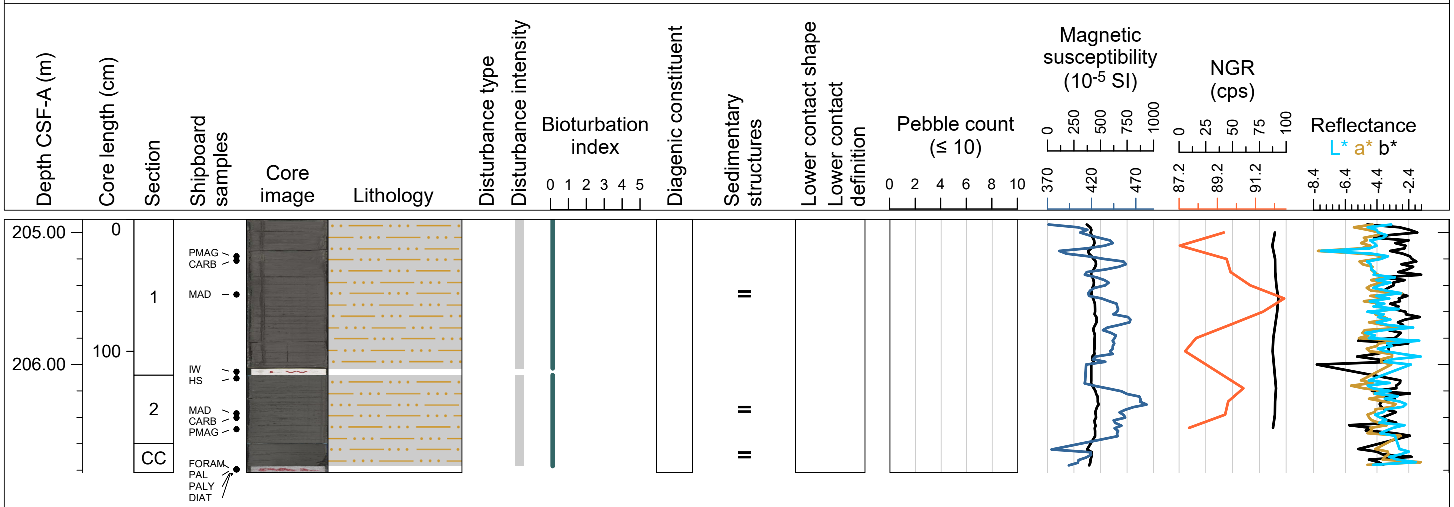
Hole 400-U1604A Core 25H, Interval 200.8-204.94 m (CSF-A)

Dark greyish brown interlaminated mud and sand with 10cm thick beds of weakly stratified ark grey-brown mud. X-ray scans show very fine mud laminae in between the visible 3-5mm sand laminae. Bioturbation and structures could not be observed due to severe core disturbance.



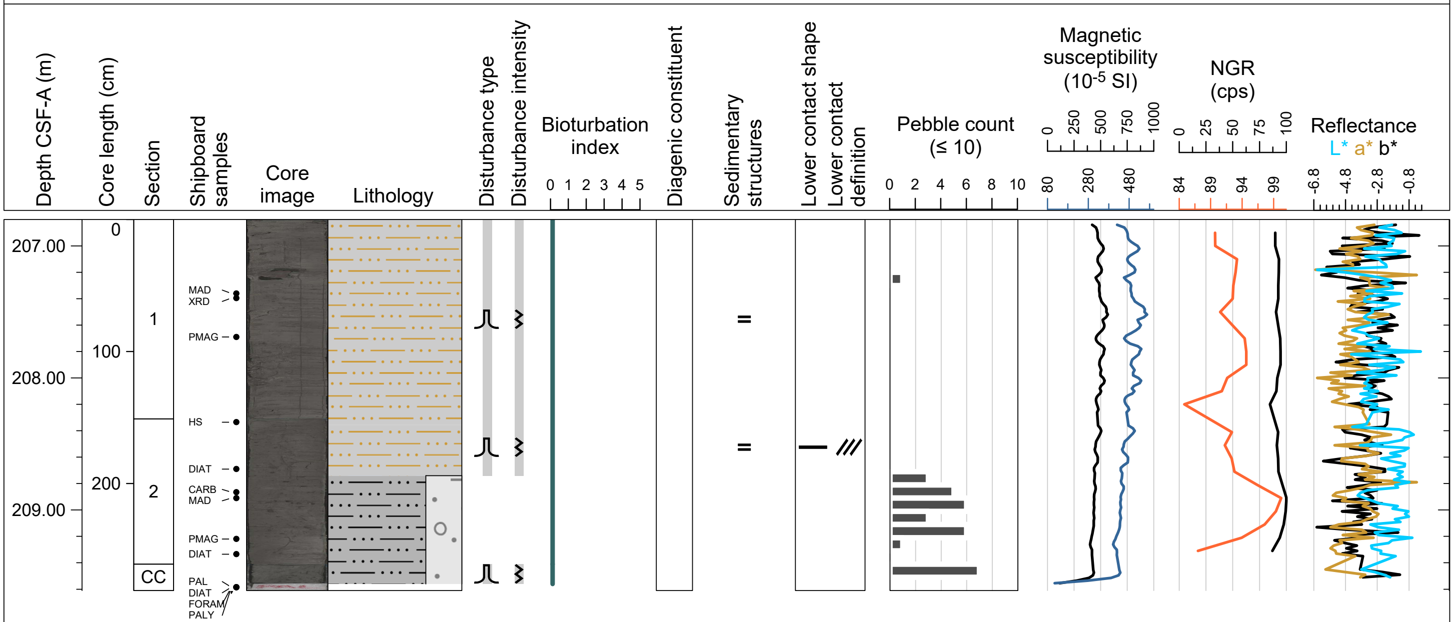
Hole 400-U1604A Core 26H, Interval 204.9-206.82 m (CSF-A)

Dark greyish brown interlaminated mud and sand. X-ray scans show very fine mud laminae in between the visible 3-5mm sand laminae. Bioturbation is absent.



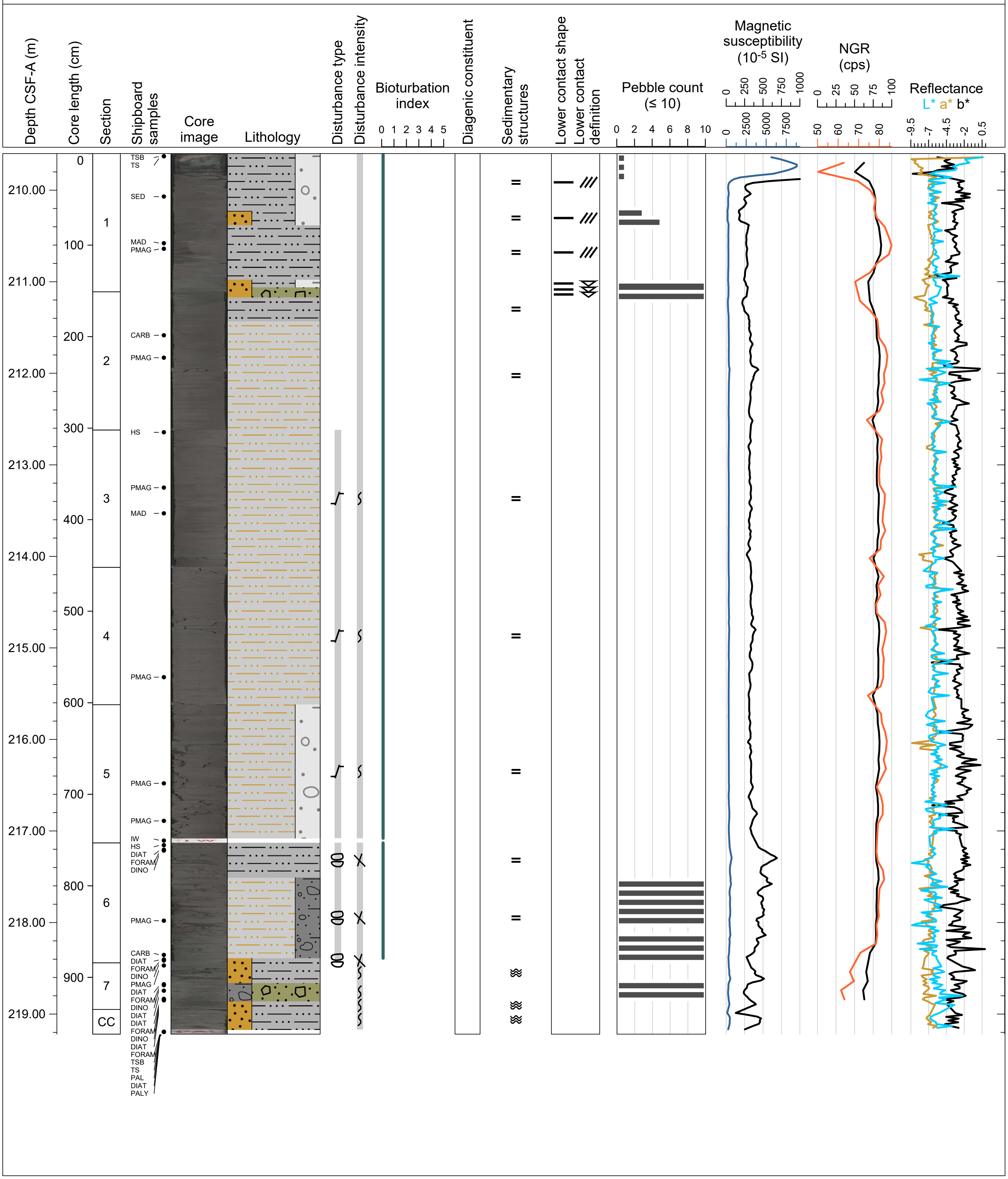
Hole 400-U1604A Core 27F, Interval 206.8-209.61 m (CSF-A)

Dark greyish brown interlaminated mud and sand with dispersed clasts at depth in the core. Mud between sand laminae is finely laminated. Half of the core in the vertical direction is affected by flow-in. Laminae well-preserved on the undisturbed half. Bioturbation not observed.



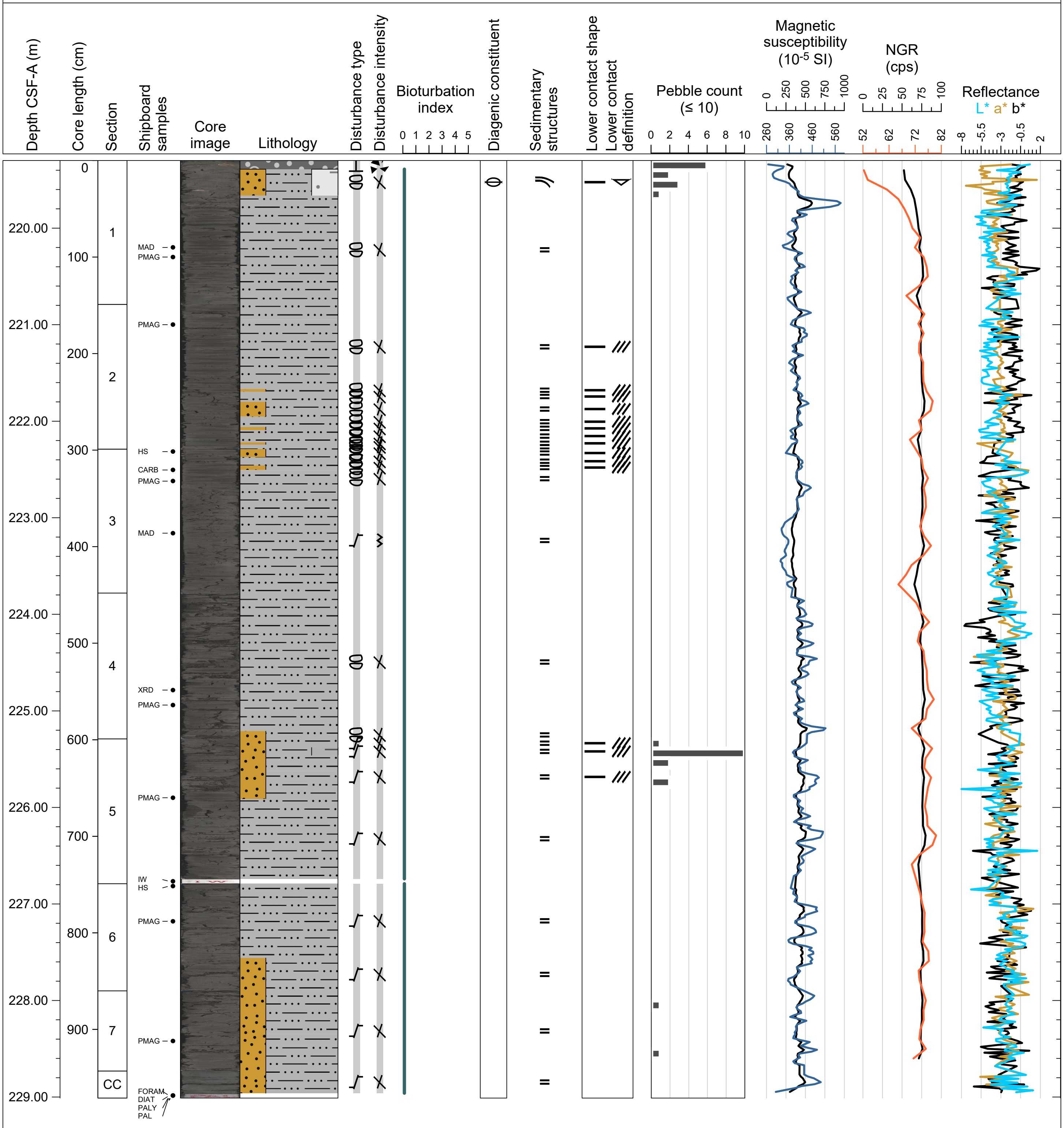
Hole 400-U1604A Core 28X, Interval 209.6-219.22 m (CSF-A)

Dark grey sandy mud and interlaminated mud and sand with color banding and parallel laminations. The top of the core is characterized by a large plutonic igneous clast. The bottom of the core is marked by the appearance of interbedded clast poor diamicton.



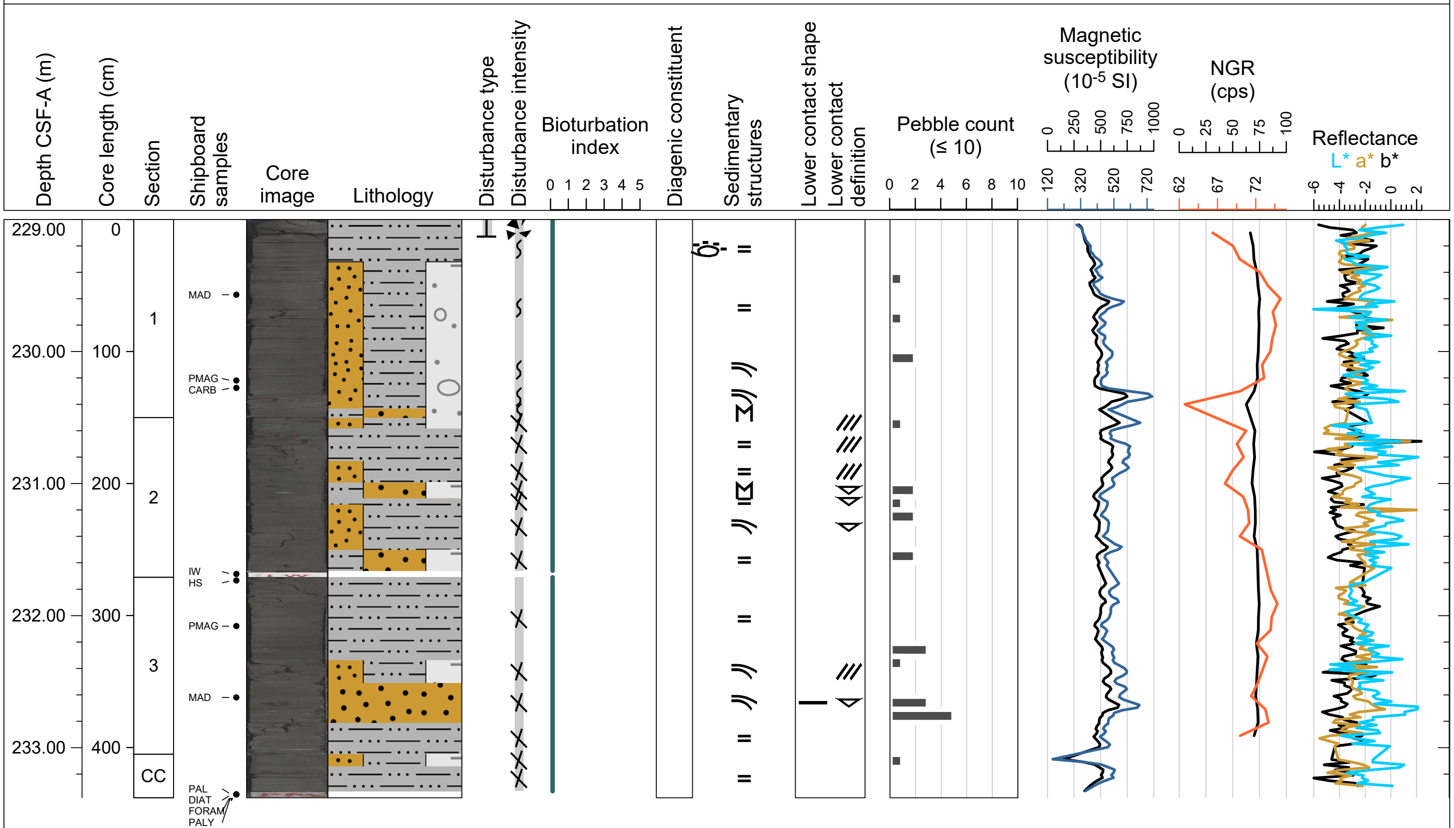
Hole 400-U1604A Core 29X, Interval 219.3-229.01 m (CSF-A)

Dark grey mud and medium to dark grey sandy mud all in thinly laminated beds. Sand grains and clasts are typically dispersed, but are occasionally organized into discrete laminae (sand) or crude cm-scale stratification (sand and pebbles). No bioturbation observed.



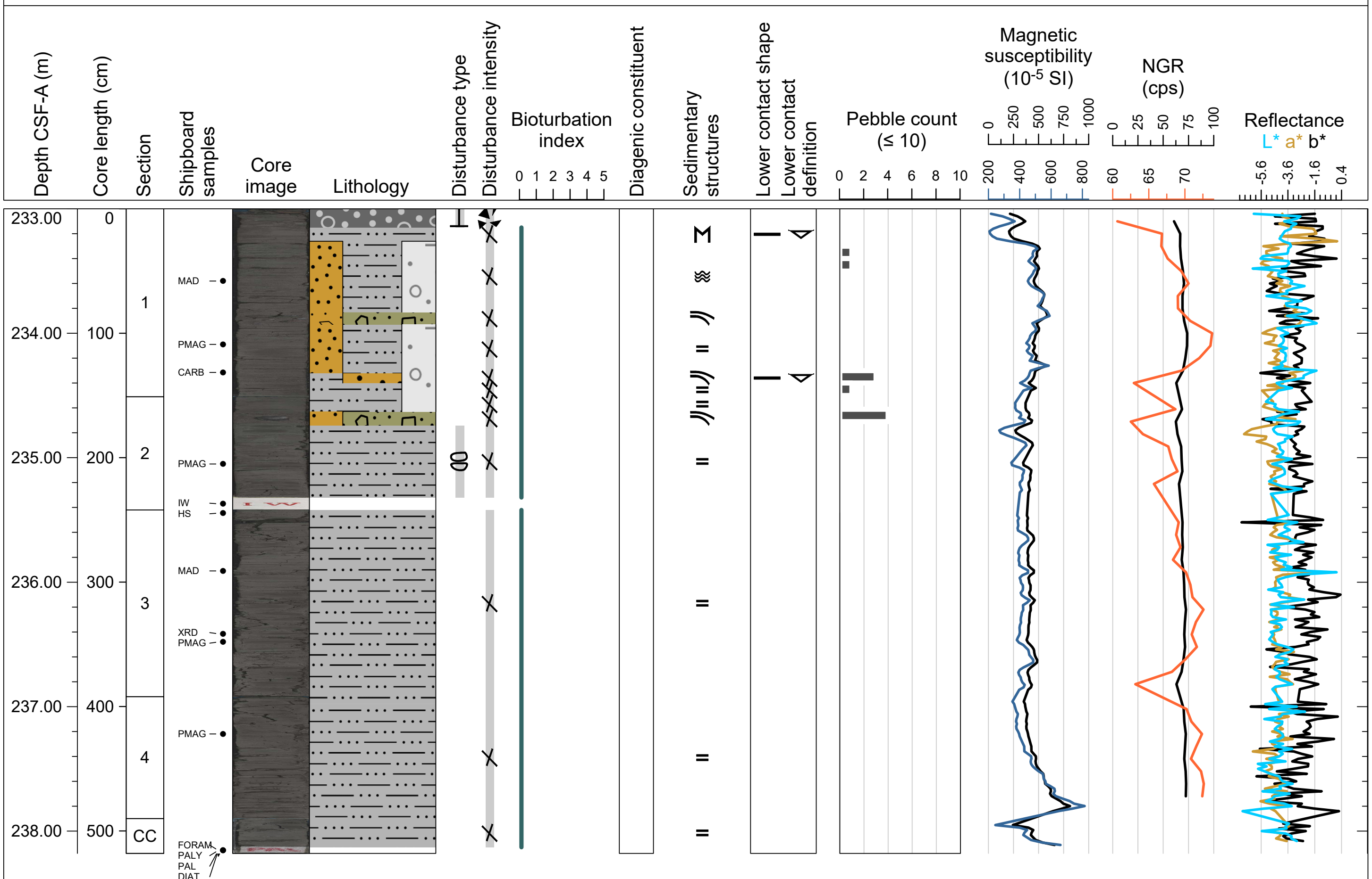
Hole 400-U1604A Core 30X, Interval 229.0-233.38 m (CSF-A)

Dark grey stratified sandy mud to muddy sand with dispersed clasts interbedded with thinly laminated mud. The sand component is poorly sorted. Granules and small pebbles are present.



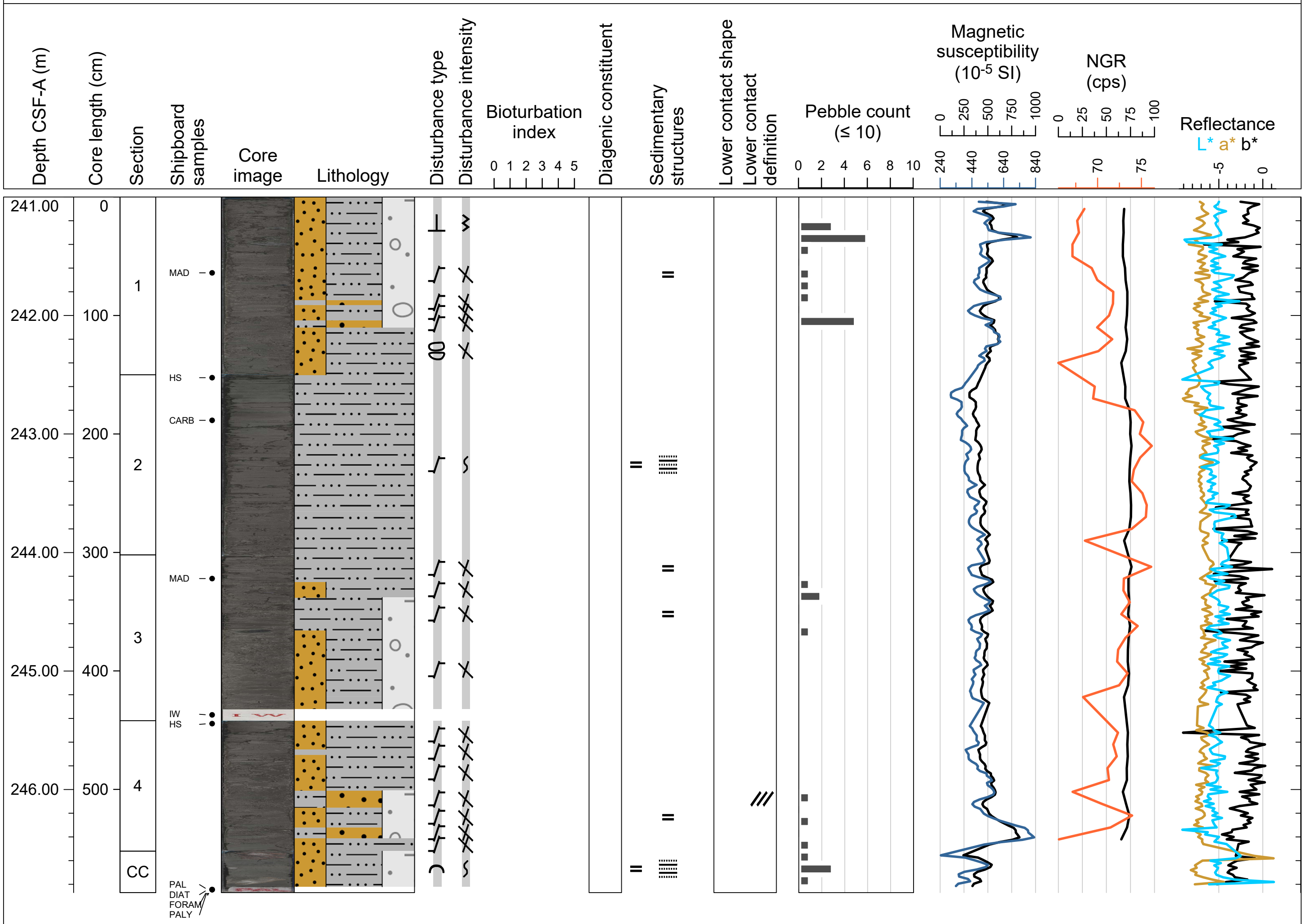
Hole 400-U1604A Core 31X, Interval 233.0-238.18 m (CSF-A)

Dark grey stratified sandy mud with dispersed clasts to sandy diamicton interbedded with thinly laminated mud. The sand component is poorly sorted. Granules and pebbles are present. One reddish grey massive mud bed is present in Section 1.



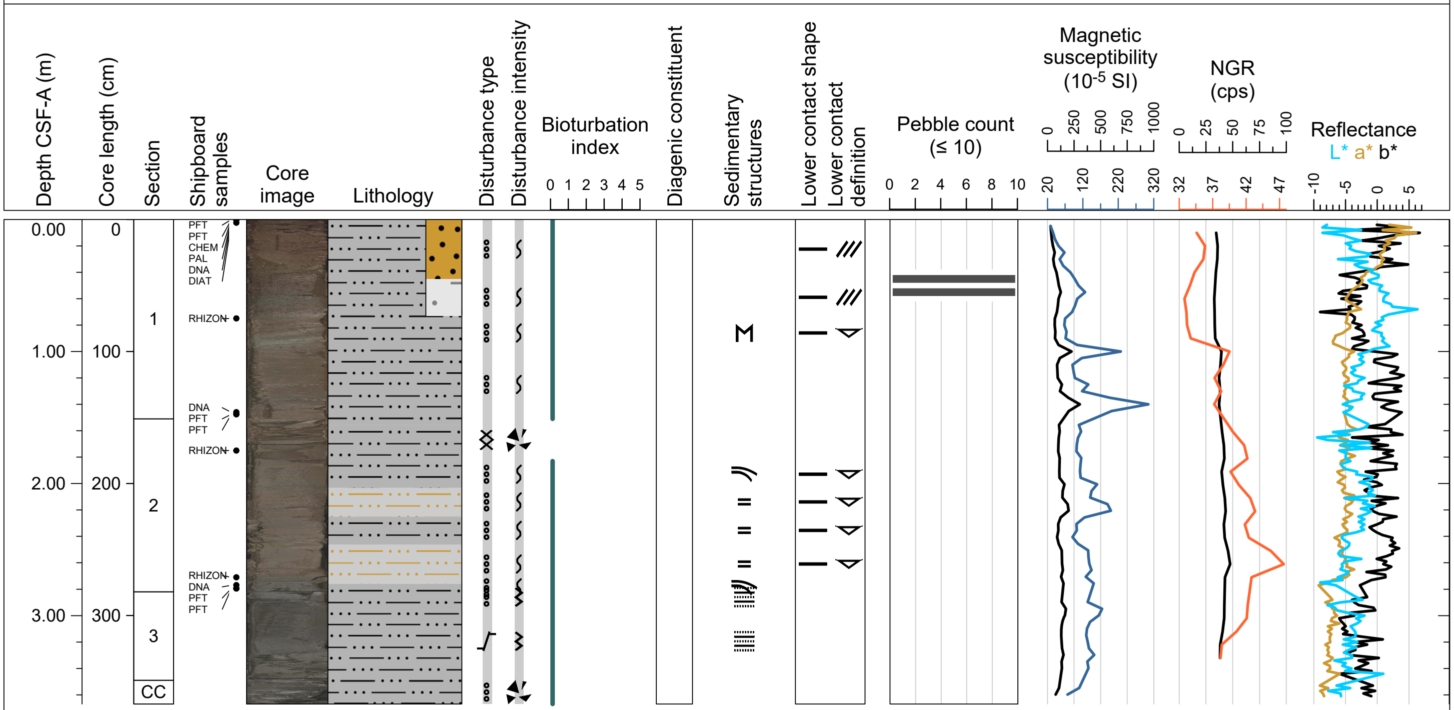
Hole 400-U1604A Core 32X, Interval 241.0-246.87 m (CSF-A)

Dark grey sandy mud alternating with bed of muddy sand all thinly laminated with dispersed clasts. Pluricentimetric clasts are observed. The core is strongly disturbed in the first section to moderately disturbed downcore. No bioturbation is observed.



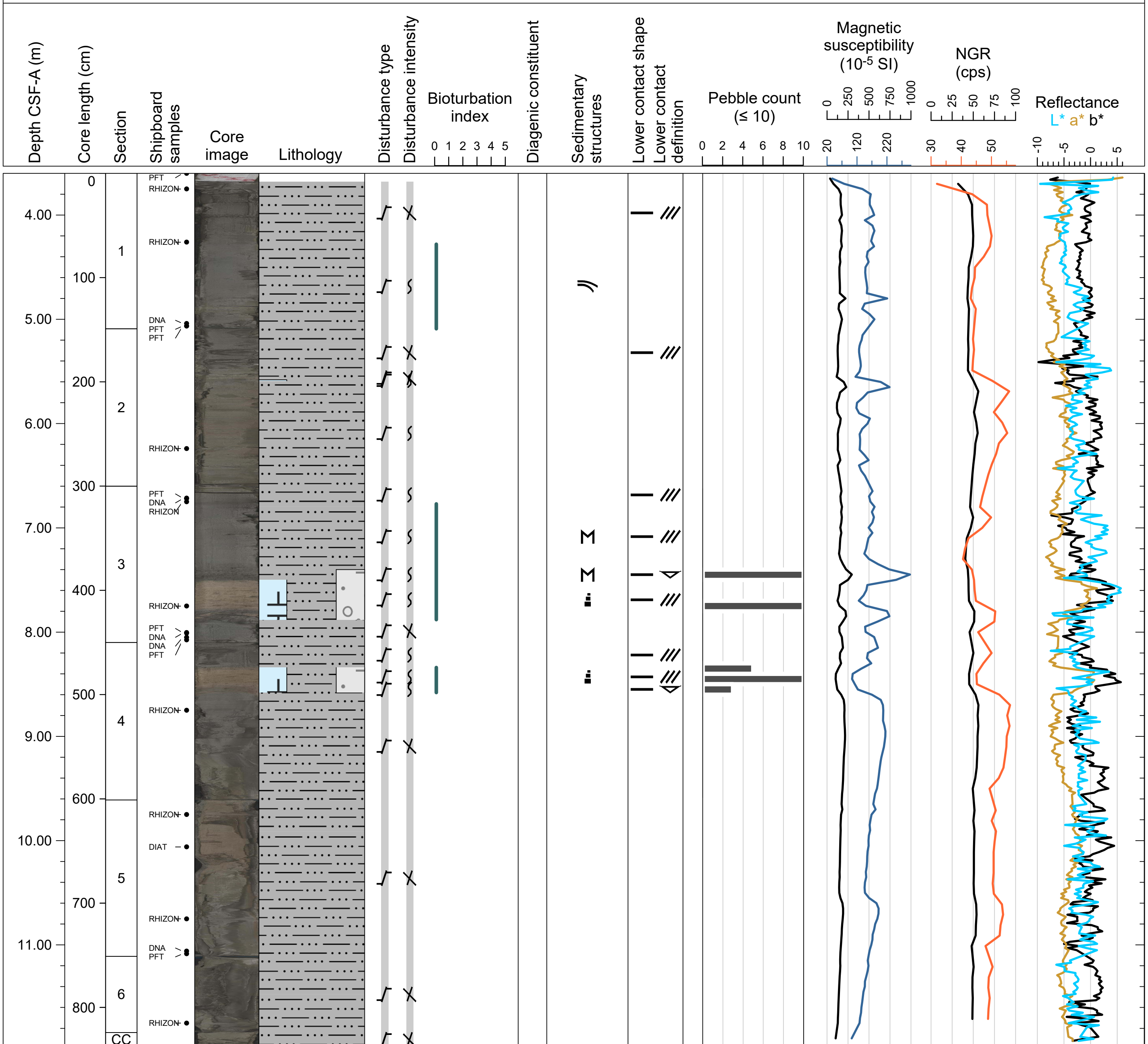
Hole 400-U1604B Core 1H, Interval 0.0-3.67 m (CSF-A)

Dark reddish brown to greenish grey and medium grey crudely stratified to laminated mud, mud with sand, and interlaminated mud and sand with parallel, horizontal laminations. No bioturbation observed.



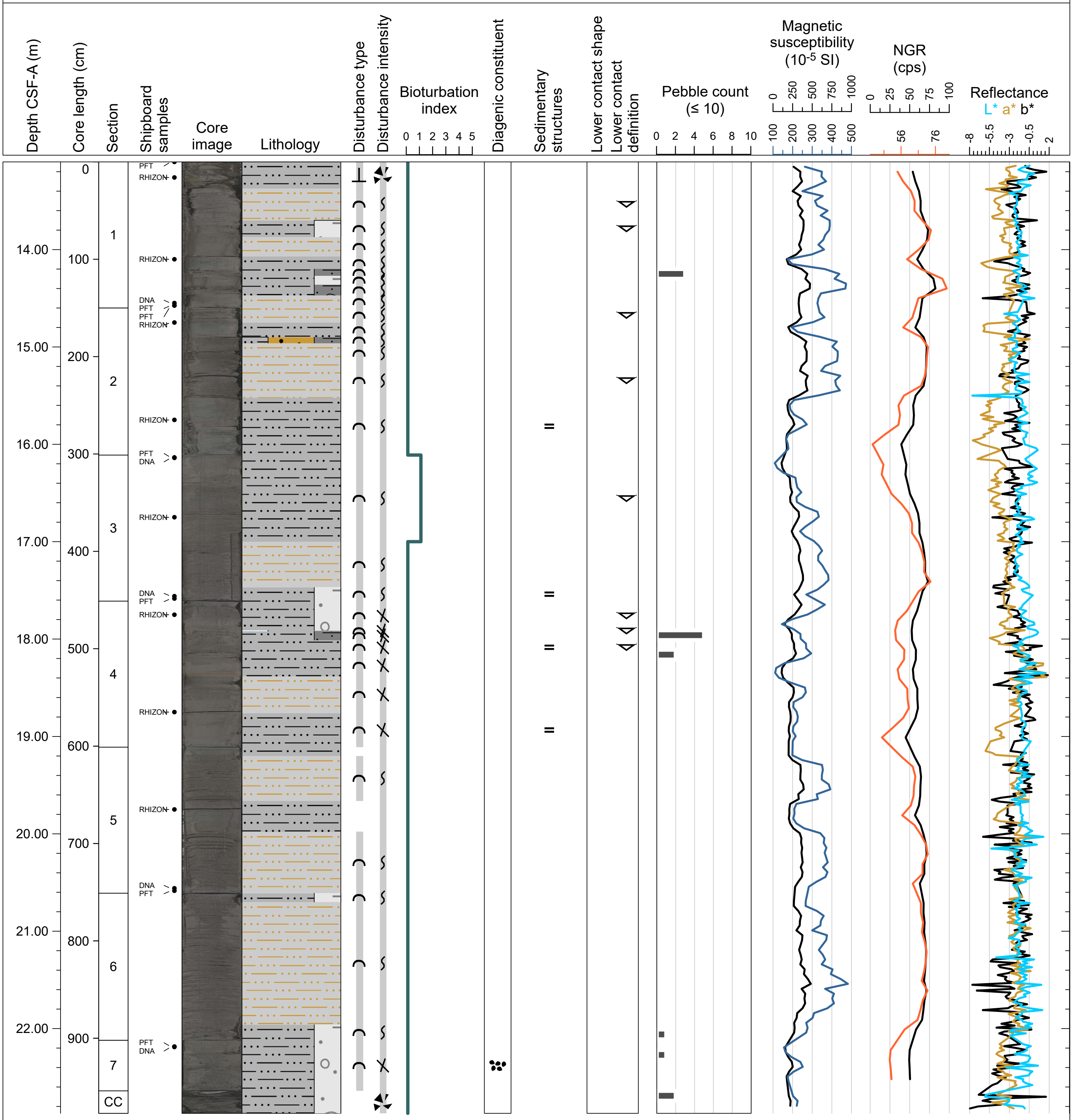
Hole 400-U1604B Core 2H, Interval 3.6-11.98 m (CSF-A)

Greyish brown to greyish green mud with color banding and sparsely laminated mud with dm-scale interbeds of light brown calcareous mud with dispersed clasts in Sections 3 and 4.



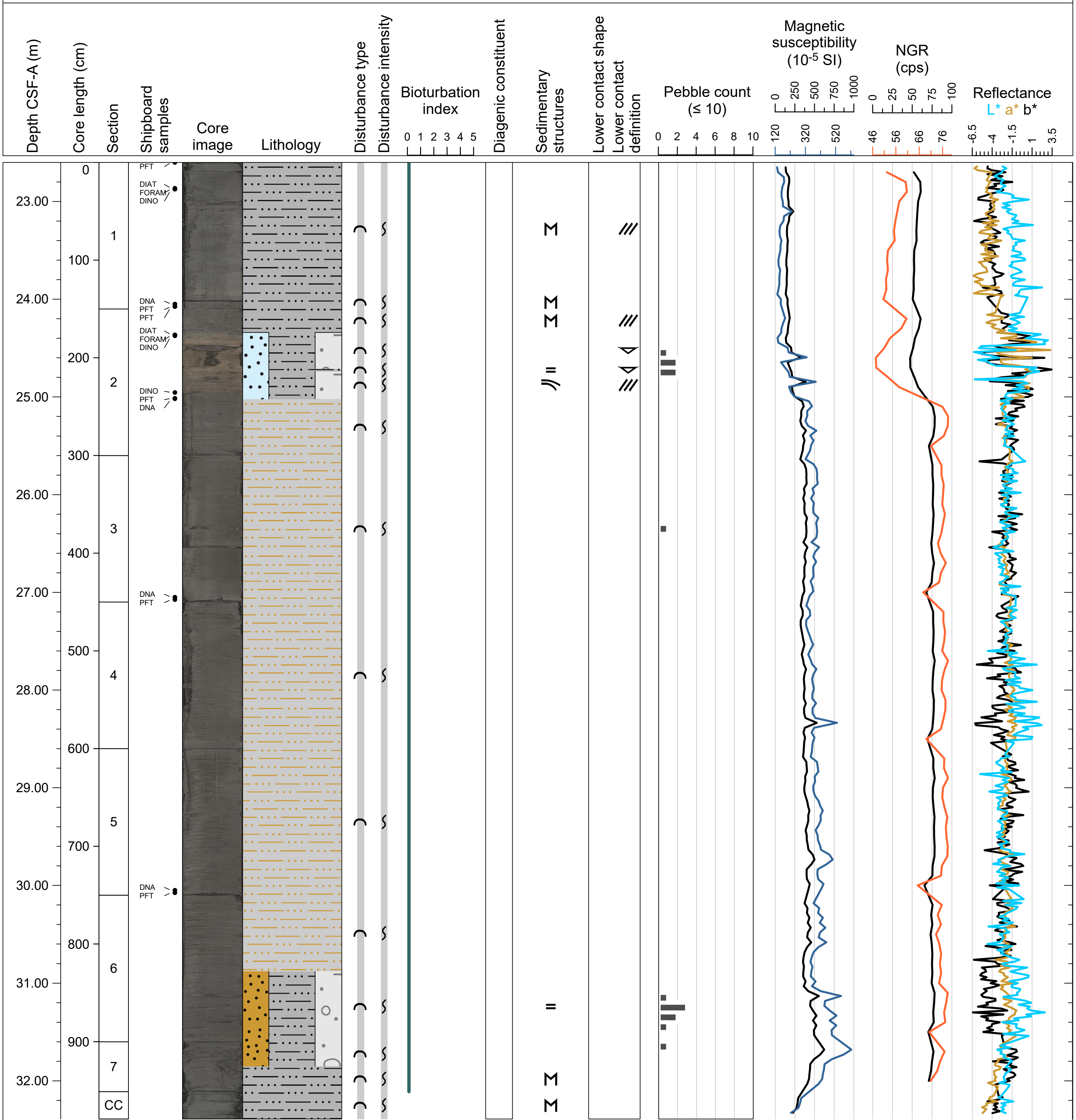
Hole 400-U1604B Core 3H, Interval 13.1-22.87 m (CSF-A)

Dark greenish grey interlaminated sand and mud and laminated mud with sections of massive mud and mud with dispersed to abundant clasts. A cm-thick interval of light brown calcareous mud occurs in Section 4, 30 cm. Faint bioturbation is evident in the upper half of Section 3. Otherwise, bioturbation is absent.



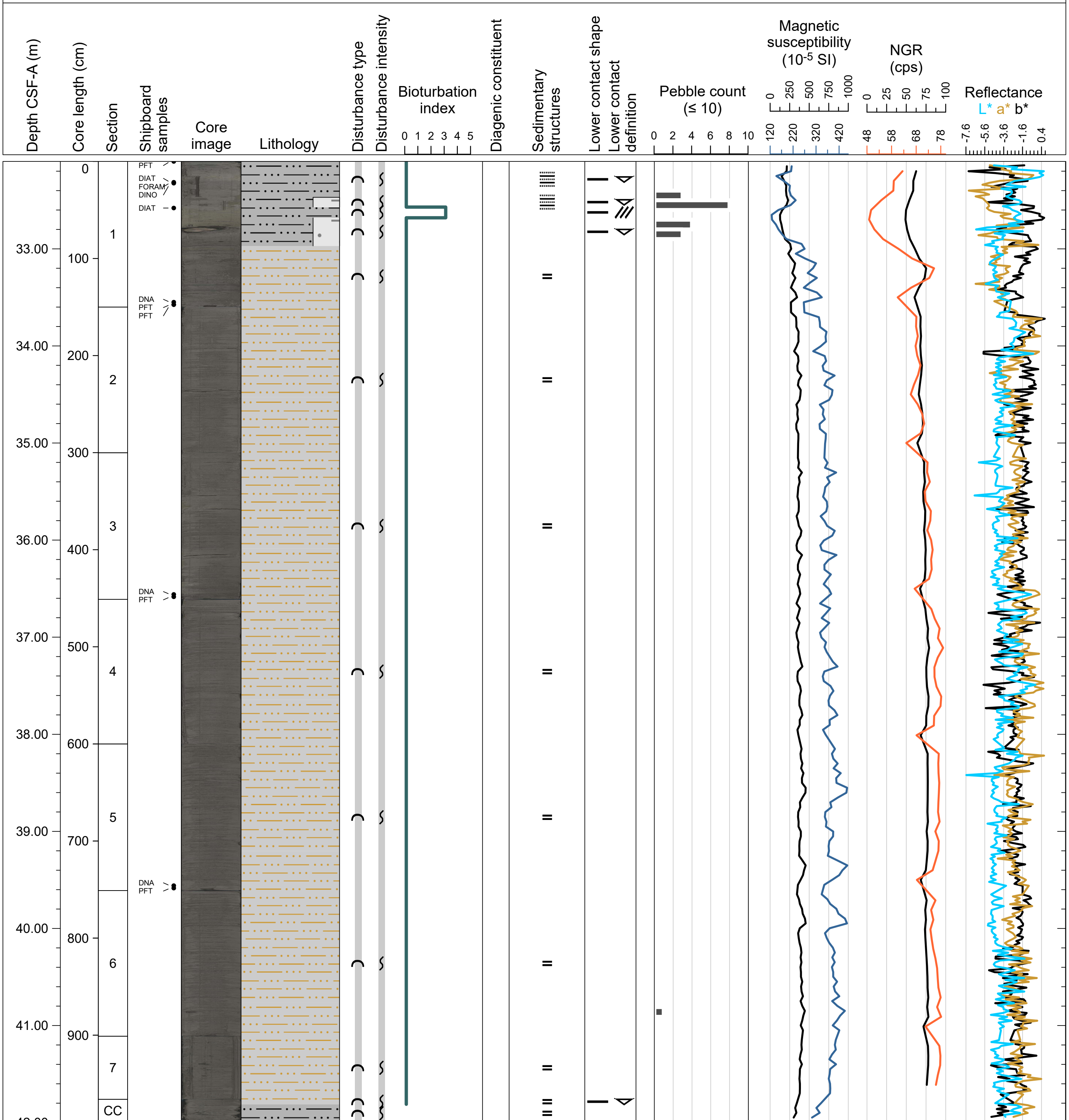
Hole 400-U1604B Core 4H, Interval 22.6-32.39 m (CSF-A)

Dark greenish grey massive mud (Section 1), medium brown calcareous mud to sandy mud with dispersed clasts (Section 2), and dark greyish brown interlaminated mud and sand with one interval of sandy mud with dispersed clasts (Sections 3-CC). Transition from greenish to brownish mud includes color-banding. Bioturbation is absent.



Hole 400-U1604B Core 5H, Interval 32.1-42.0 m (CSF-A)

Dark greyish yellow, interlaminated sand and mud overlain in Section 1 by medium to light greenish grey interbeds of color-banded mud and mud with dispersed clasts. Moderate bioturbation in Section 1, 30-40 cm. Interval is capped by a darkened cm-thick interval. Otherwise, no bioturbation evident.



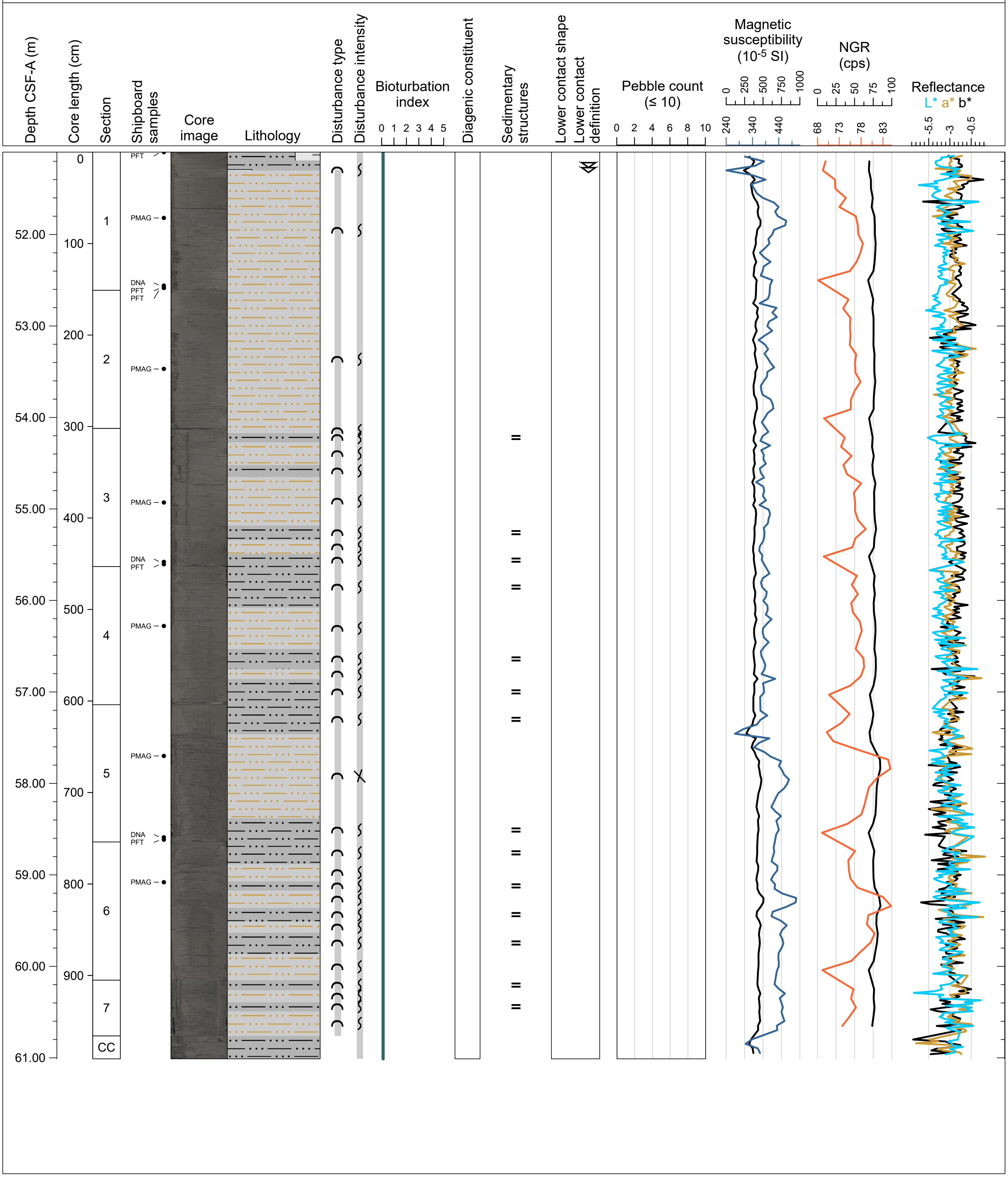
Hole 400-U1604B Core 6H, Interval 41.6-41.6 m (CSF-A)

NO RECOVERY 41.60-51.10 m

Depth CSF-A (m)	Core length (cm)	Section	Shipboard samples	Core image	Lithology	Disturbance type	Disturbance intensity	Bioturbation index (0 1 2 3 4 5)	Diagenic constituent	Sedimentary structures	Lower contact shape	Lower contact definition	Pebble count (≤ 10) (0 2 4 6 8 10)	Magnetic susceptibility (10^{-5} SI) (0 250 500 750 1000; 0 0.25 0.5 0.75 1)	NGR (cps) (0 25 50 75 100; 0 0.25 0.5 0.75 1)	Reflectance L* a* b* (0 0.25 0.5 0.75 1)

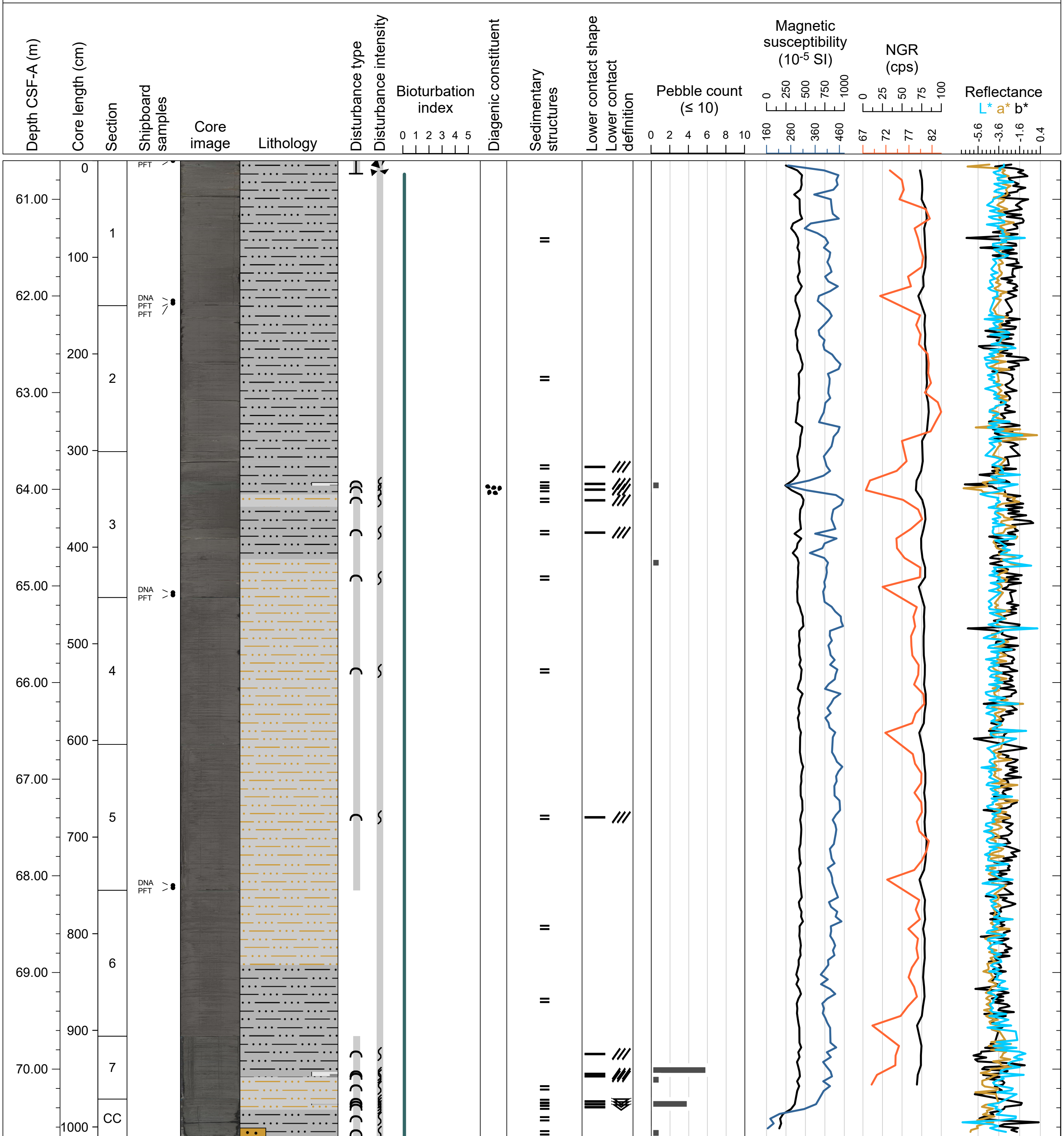
Hole 400-U1604B Core 7H, Interval 51.1-61.01 m (CSF-A)

Dark grey interlaminated sand and mud interbedded with dark grey, thinly laminated mud. A thin layer of calcareous mud occurs at the top of Section 1. The drilling disturbance is slight to moderate with no bioturbation observed.



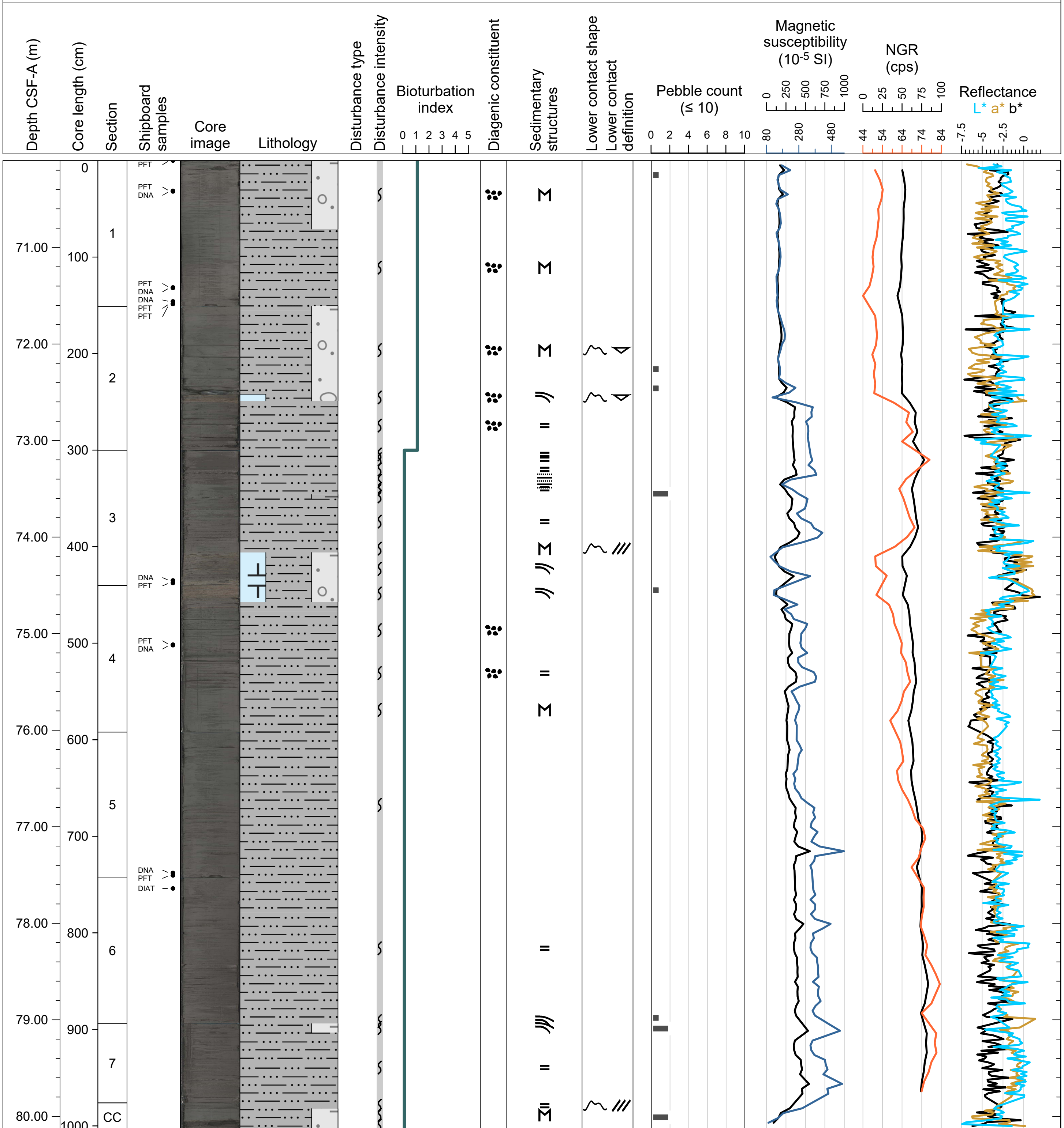
Hole 400-U1604B Core 8H, Interval 60.6-70.71 m (CSF-A)

Dark brown, laminated mud and interlaminated sand and mud are the most common lithologies present. Dispersed clasts are concentrated in thin (1 -4 cm), rare intervals that become more common down core. Singular occurences of calcareous mud (Section 3), granule intraclasts, reverse microfault, and dm-scale, greenish grey mud interval with gradational contacts. There are two types of sand laminae. The most common laminae are thin, have sharp lower and gradational upper contacts with mud. The less common are thick laminae with sharp upper and lower contacts; may appear rippled in xray. No bioturbation present.



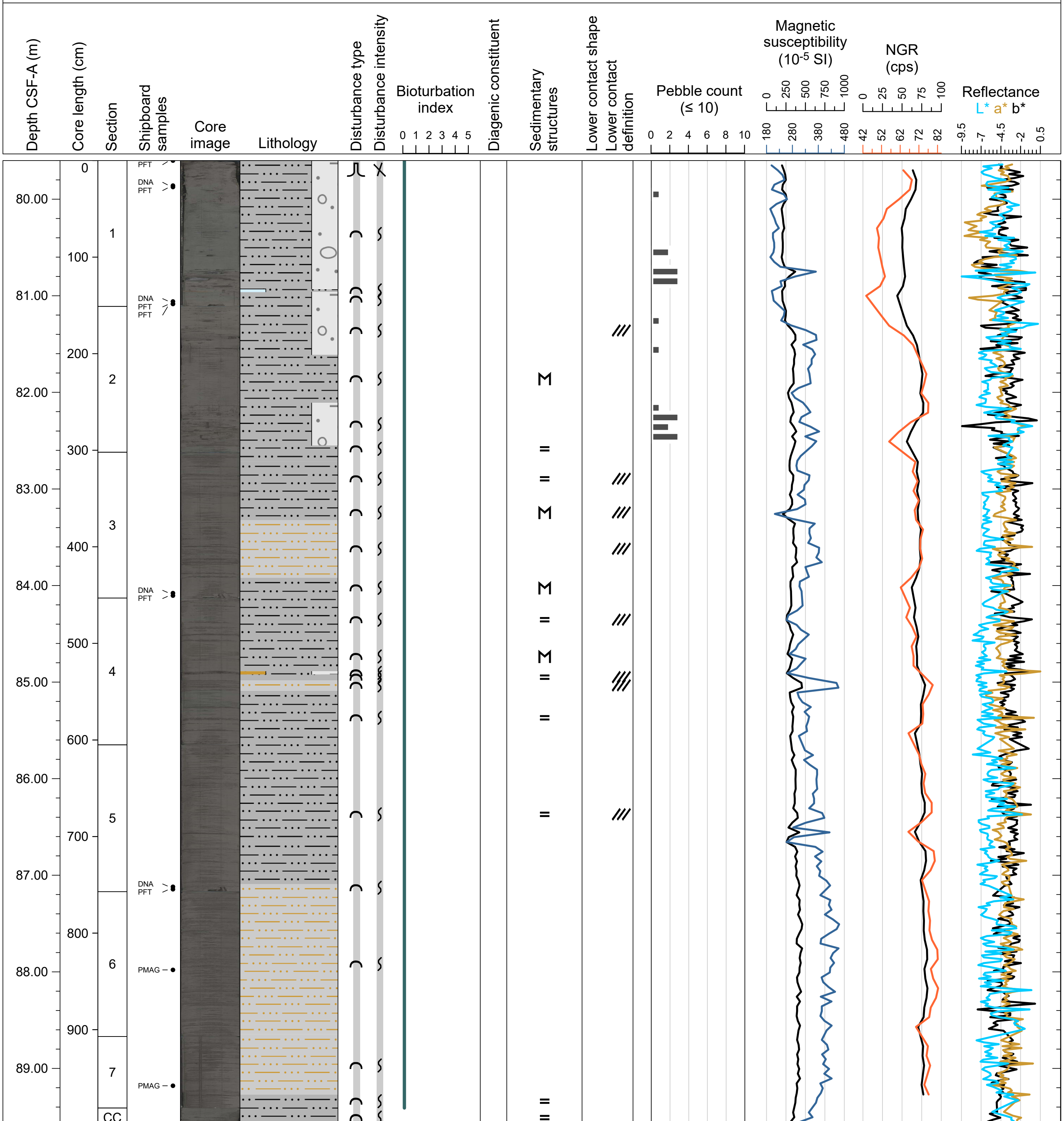
Hole 400-U1604B Core 9H, Interval 70.1-80.16 m (CSF-A)

Greenish grey massive mud with dispersed clasts and sparsely laminated dark grey mud. Detrital carbonate mud interbeds were observed within the greenish grey massive mud in Sections 2 and 3. Black mottling is common and bioturbation is sparse.



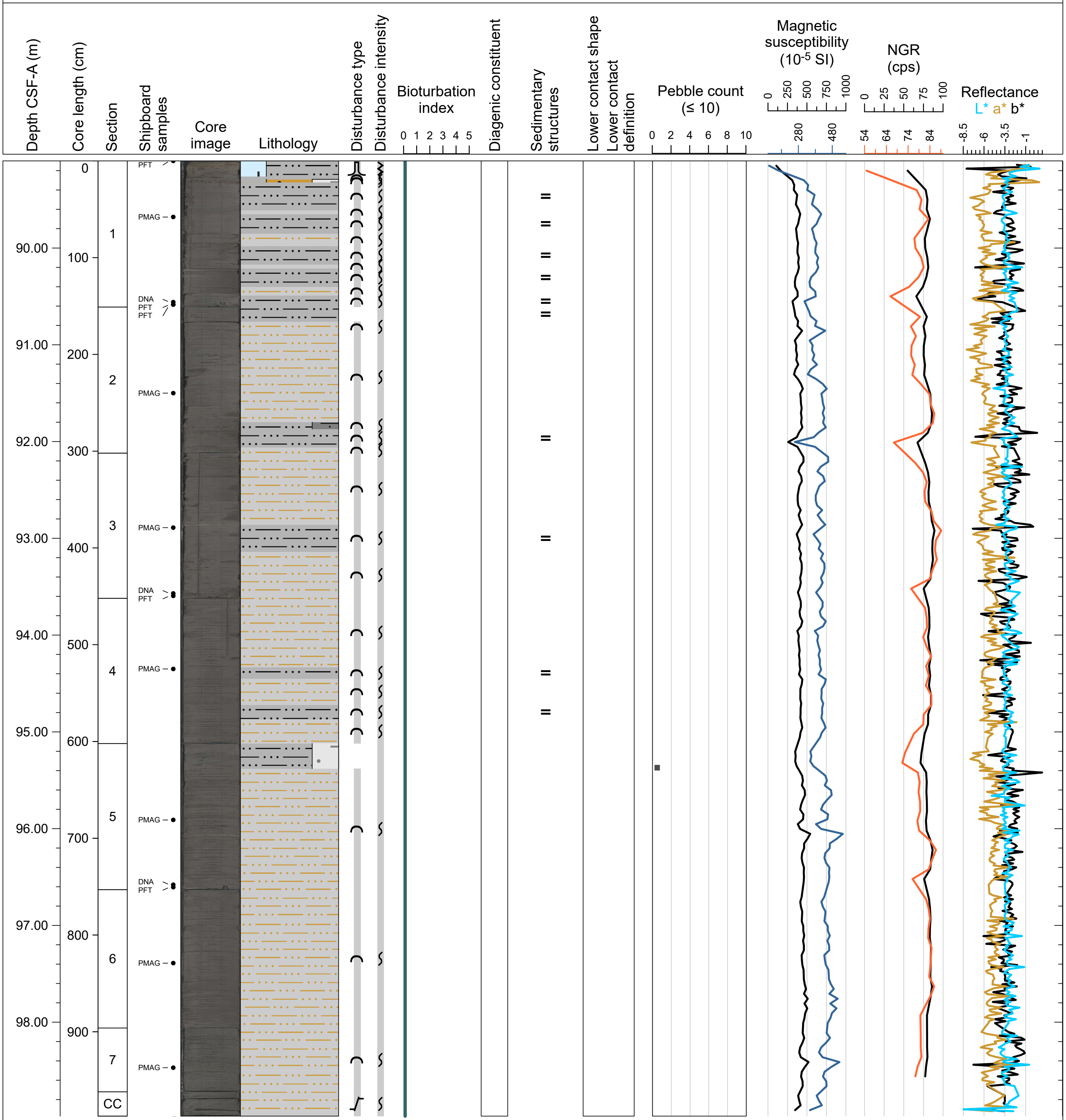
Hole 400-U1604B Core 10H, Interval 79.6-89.61 m (CSF-A)

Alternating intervals of greenish grey sandy mud with dispersed clasts and greenish grey massive mud transitions downcore to dark greyish brown mud with parallel laminations and dark greyish brown interlaminated mud and sand. Section 1 includes a light brown calcareous sandy mud. Bioturbation is absent. Black mottling is sparse and associated with thin (<0.3 cm) sand beds.



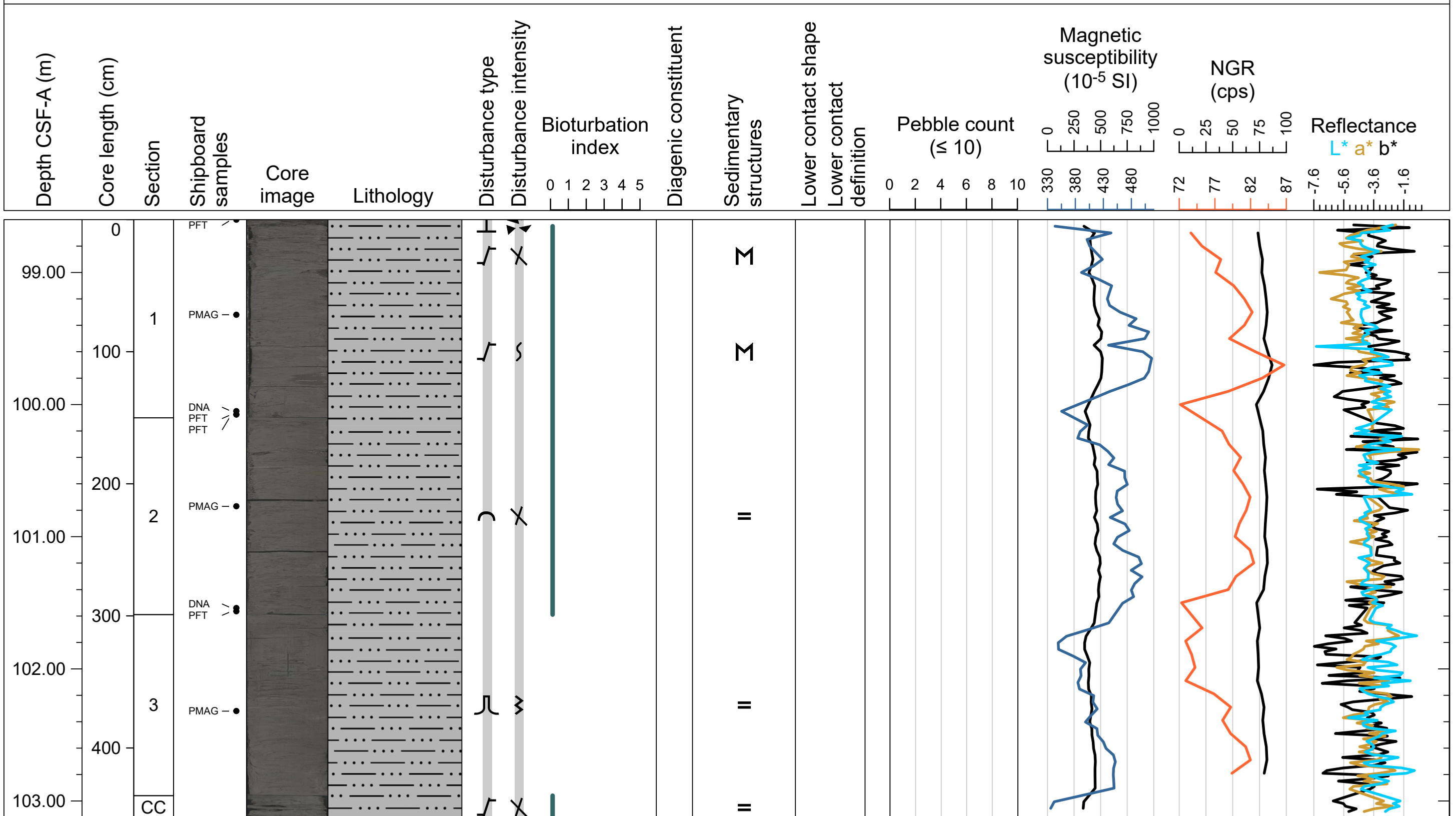
Hole 400-U1604B Core 11H, Interval 89.1-98.97 m (CSF-A)

Dark grey thinly laminated mud interstratified with dark grey interlaminated sand and mud. The top of Section 1 is marked by a bed of calcareous mud. The drilling disturbance is slight and no bioturbation is observed



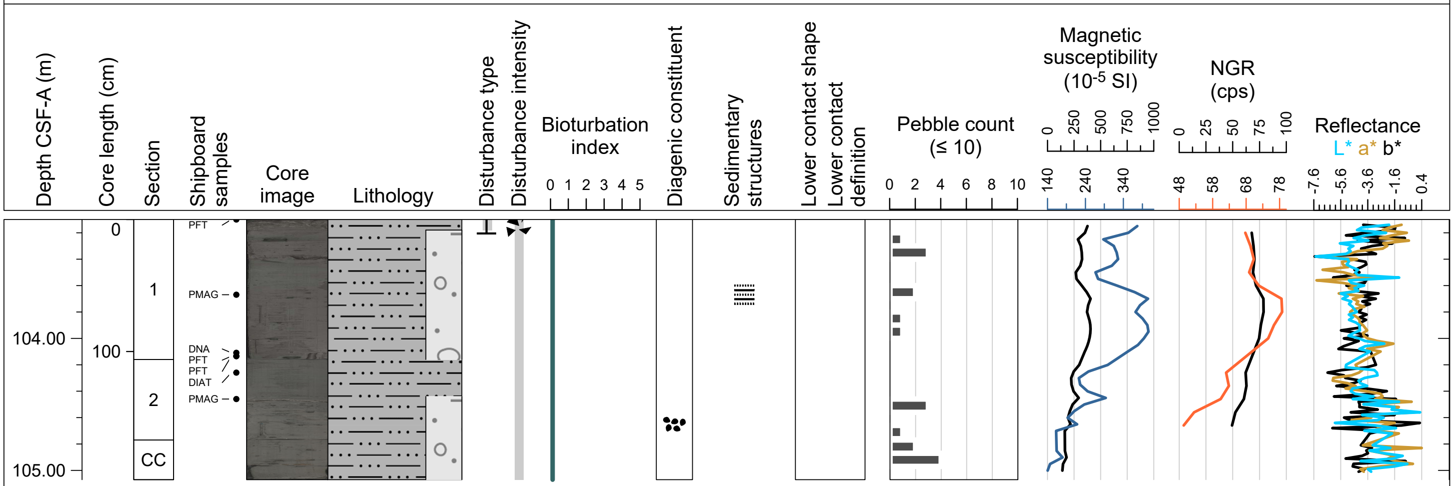
Hole 400-U1604B Core 12H, Interval 98.6-103.14 m (CSF-A)

Greyish-brown, massive to parallel laminated mud with some disrupted thin sand beds and sand blebs. Bioturbation is absent (where core is not too disturbed). Moderately to strongly disturbed (flow-in) in multiple sections.



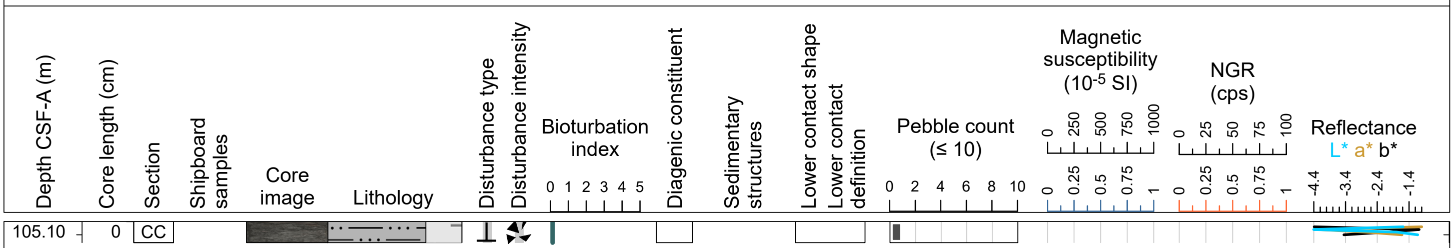
Hole 400-U1604B Core 13H, Interval 103.1-105.07 m (CSF-A)

Greenish grey mud alternating with light brown mud with dispersed clasts. Slight to no drilling disturbance and no bioturbation is observed.



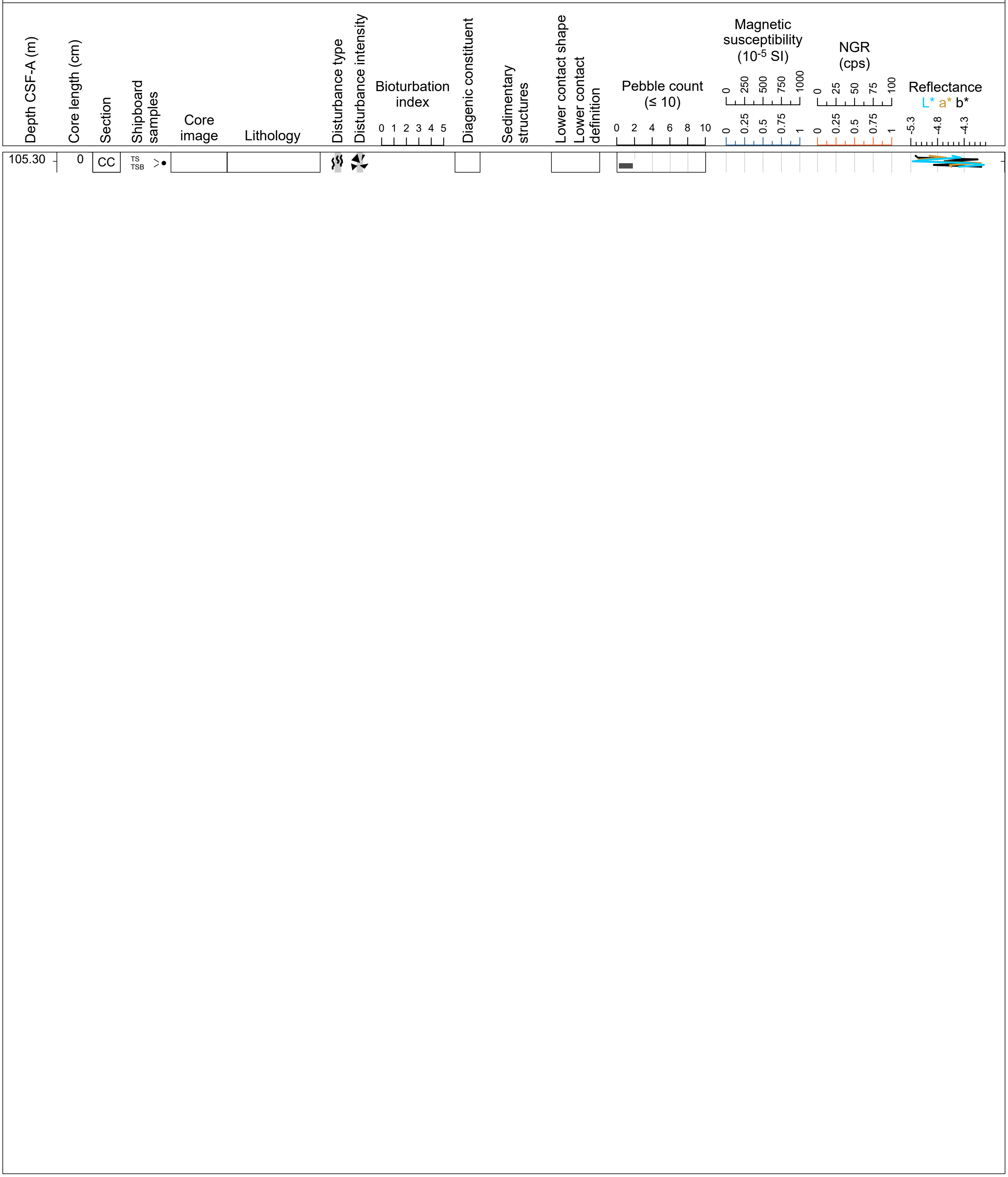
Hole 400-U1604B Core 14H, Interval 105.1-105.26 m (CSF-A)

Grey mud with dispersed clasts. Flow in at the top of Section 1 limits recognition of structure or bioturbation.



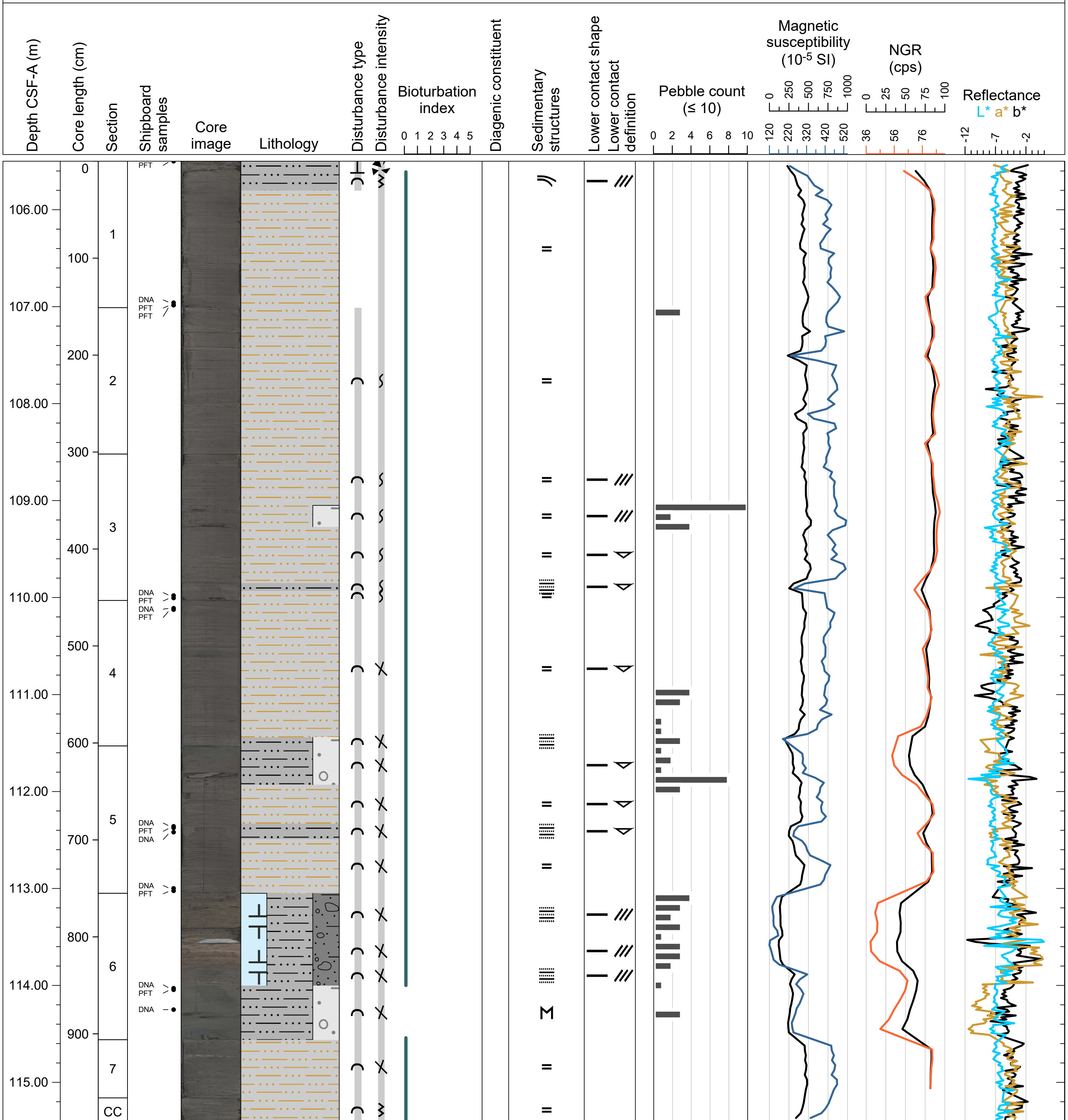
Hole 400-U1604B Core 15X, Interval 105.3-105.52 m (CSF-A)

Single boulder of limestone with a mudstone-wackestone texture.



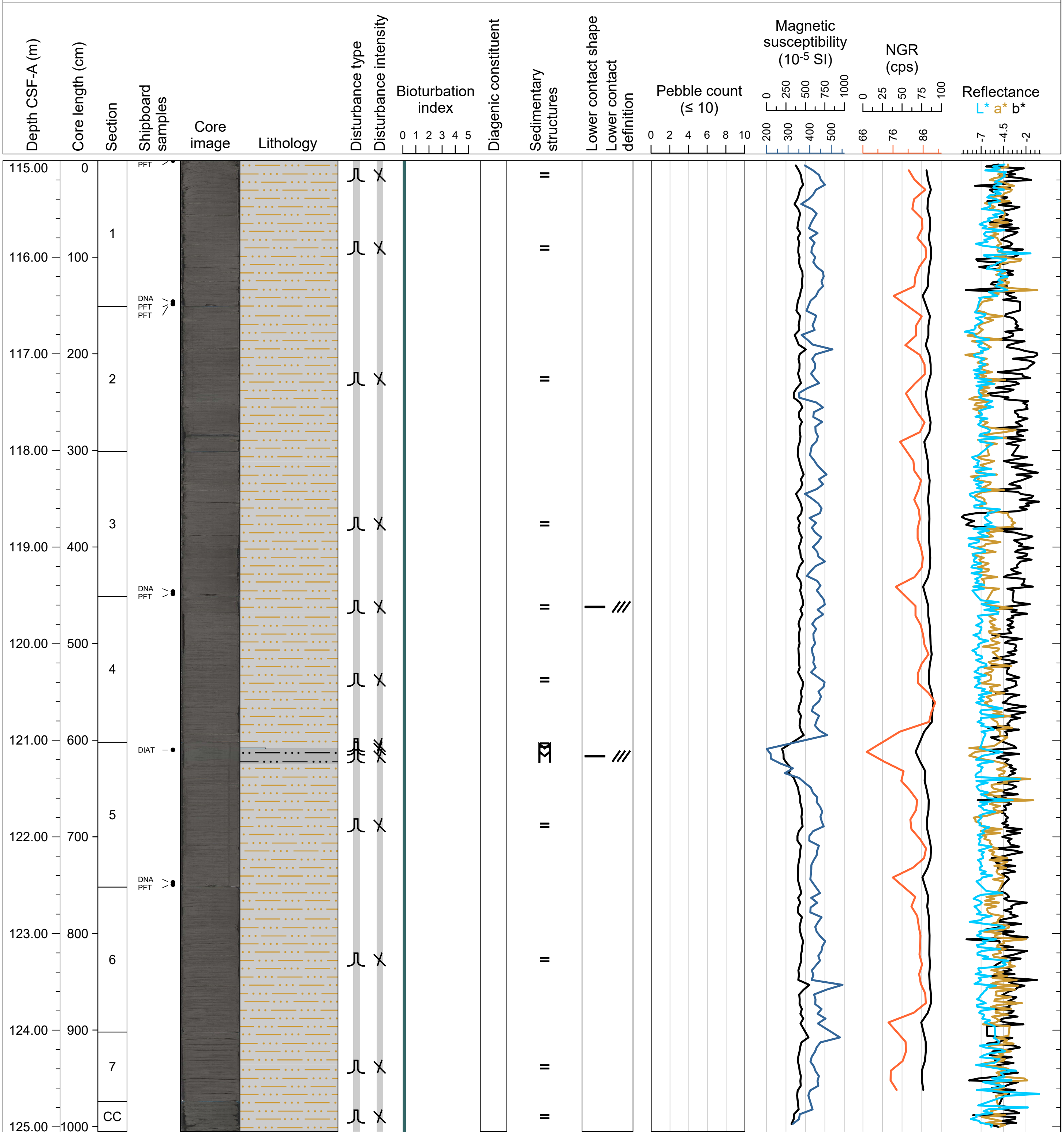
Hole 400-U1604B Core 16H, Interval 105.5-115.45 m (CSF-A)

Dark greenish grey interlaminated sand and mud, massive to stratified mud, and mud with dispersed to abundant clasts. Section 6 contains dark green mud with dispersed clasts, which grades upwards to light brown calcareous mud with abundant clasts. The calcareous mud interval has gradational contacts above and below, characterized by cm-scale interbeds of calcareous mud and dark greenish grey mud. Two large (>4 cm) clasts occur, in Section 5 (skeletal wackestone) and Section 6 (quartzite). Bioturbation is absent.



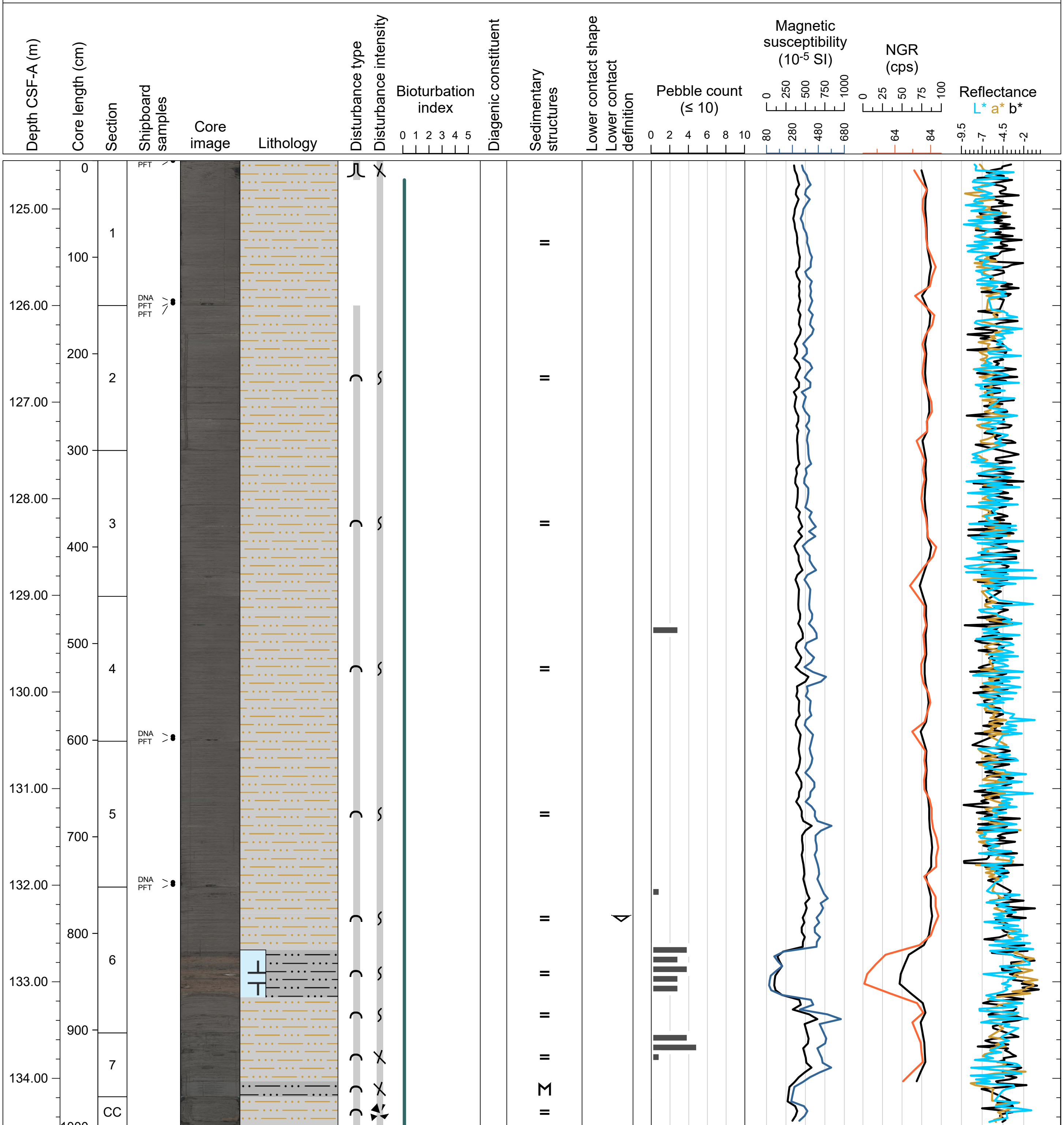
Hole 400-U1604B Core 17H, Interval 115.0-125.05 m (CSF-A)

Dark grey interlaminated sand and mud with a bed of massive mud in the top of Section 5. Bioturbation is absent.



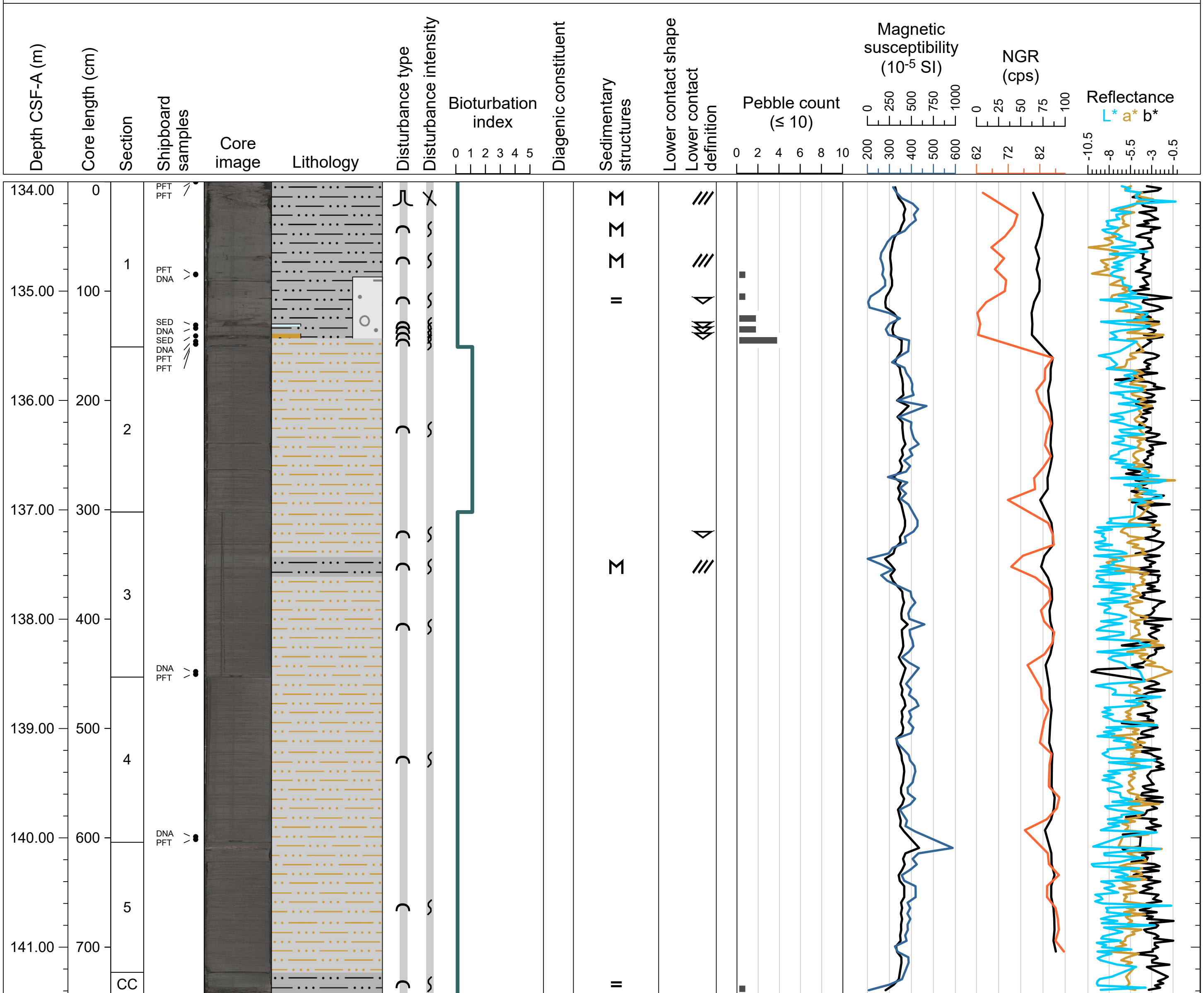
Hole 400-U1604B Core 18H, Interval 124.5-134.51 m (CSF-A)

Dark greenish grey interlaminated sand and mud with some scattered clasts > 5 mm. Section 6 contains an interval of light brown calcareous mud with abundant clasts. The calcareous mud interval has gradational contacts above and below, characterized by cm-scale interbeds of calcareous mud and dark greenish grey mud. Both contacts are marked by dark, brownish to purple cm-thick layers. Bioturbation is absent.



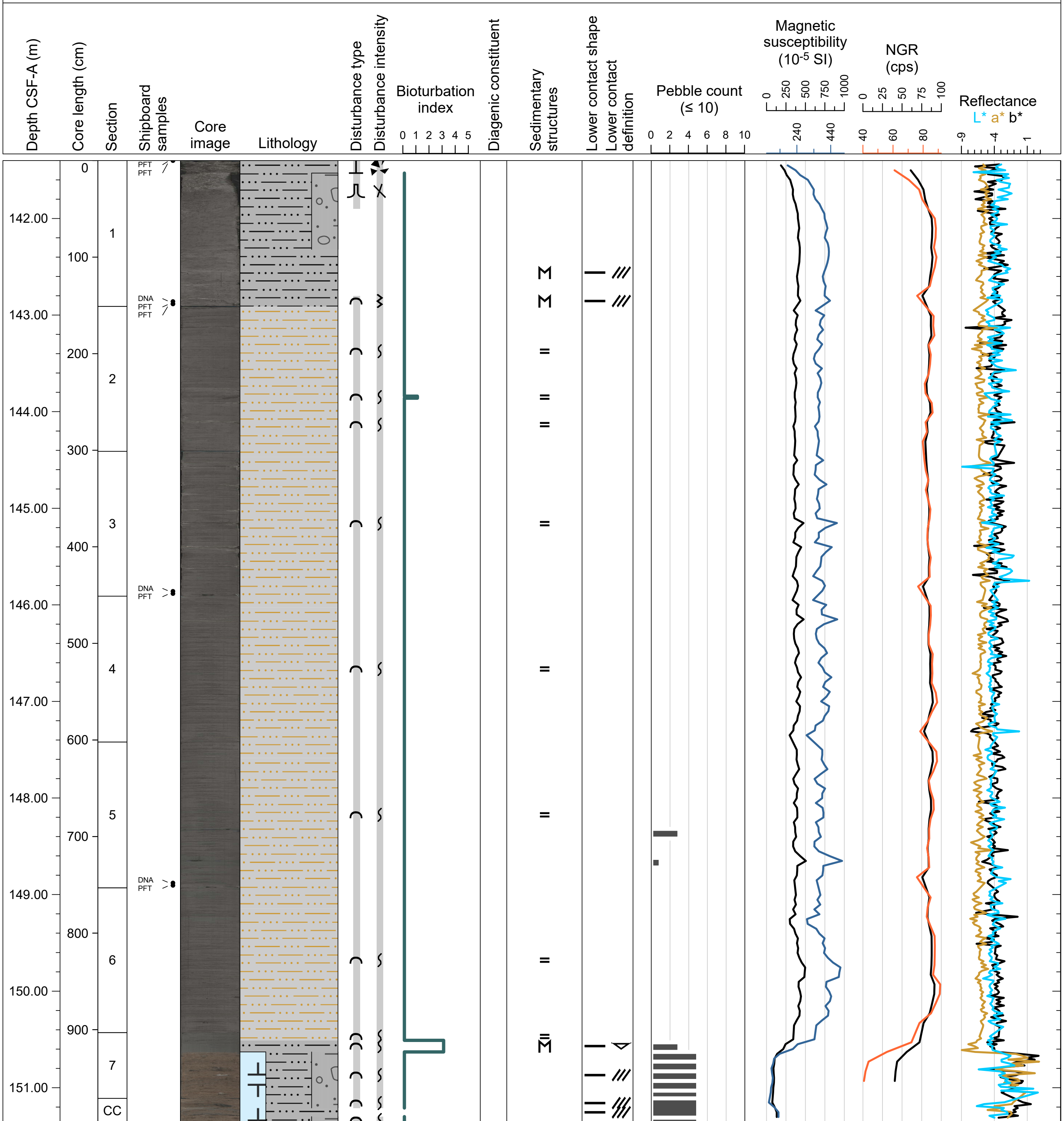
Hole 400-U1604B Core 19H, Interval 134.0-141.45 m (CSF-A)

Greenish brown massive mud with dispersed clasts and two thin (<5 cm) calcareous, sandy mud beds in top of core transitions downcore to greyish-brown interlaminated mud and sand. Bioturbation is generally absent except for sparse bioturbation observed in Section 2. The base of the core (CC) includes a disintegrating clast of a conglomerate composed of limestone clasts, quartz grains, and calcite cement.



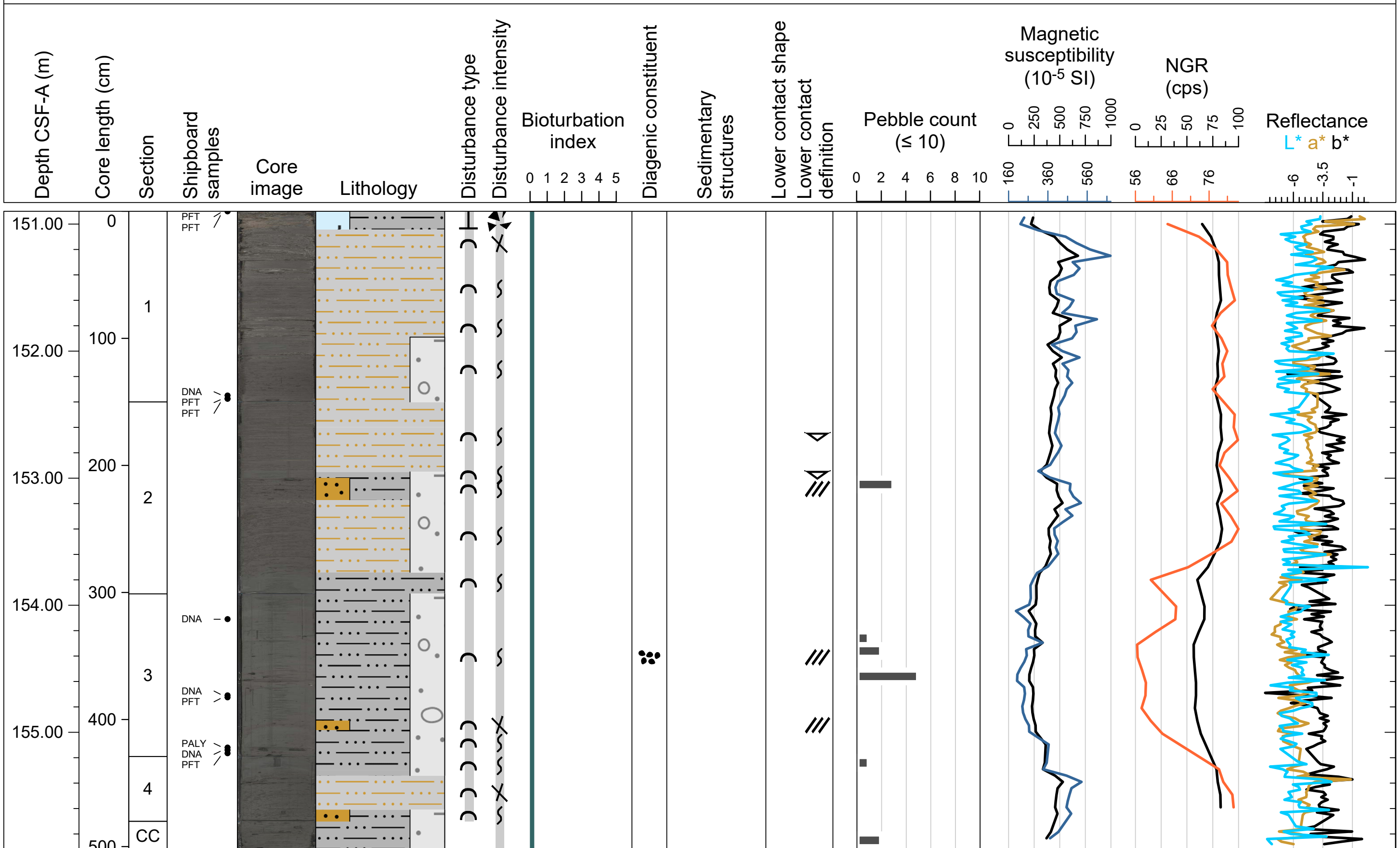
Hole 400-U1604B Core 20H, Interval 141.4-151.37 m (CSF-A)

Dark greenish grey interlaminated sand and mud with interbeds of dark greenish grey massive mud and mud with dispersed clasts. Sections 6 and CC are dominated by light brown calcareous mud with dispersed clasts. Parts of the interval contain cm-scale interbeds of light brown calcareous mud and dark greenish gray mud. Pebbles in the calcareous mud are mostly rounded limestone fragments. Bioturbation is absent with the exception of a 2 cm sand-filled, subvertical burrow in Section 2 and a thin bioturbated interval in Section 7. Sections 1 and 2 were contaminated by gasoline or machine oil (irridescent sheen). Source unknown.



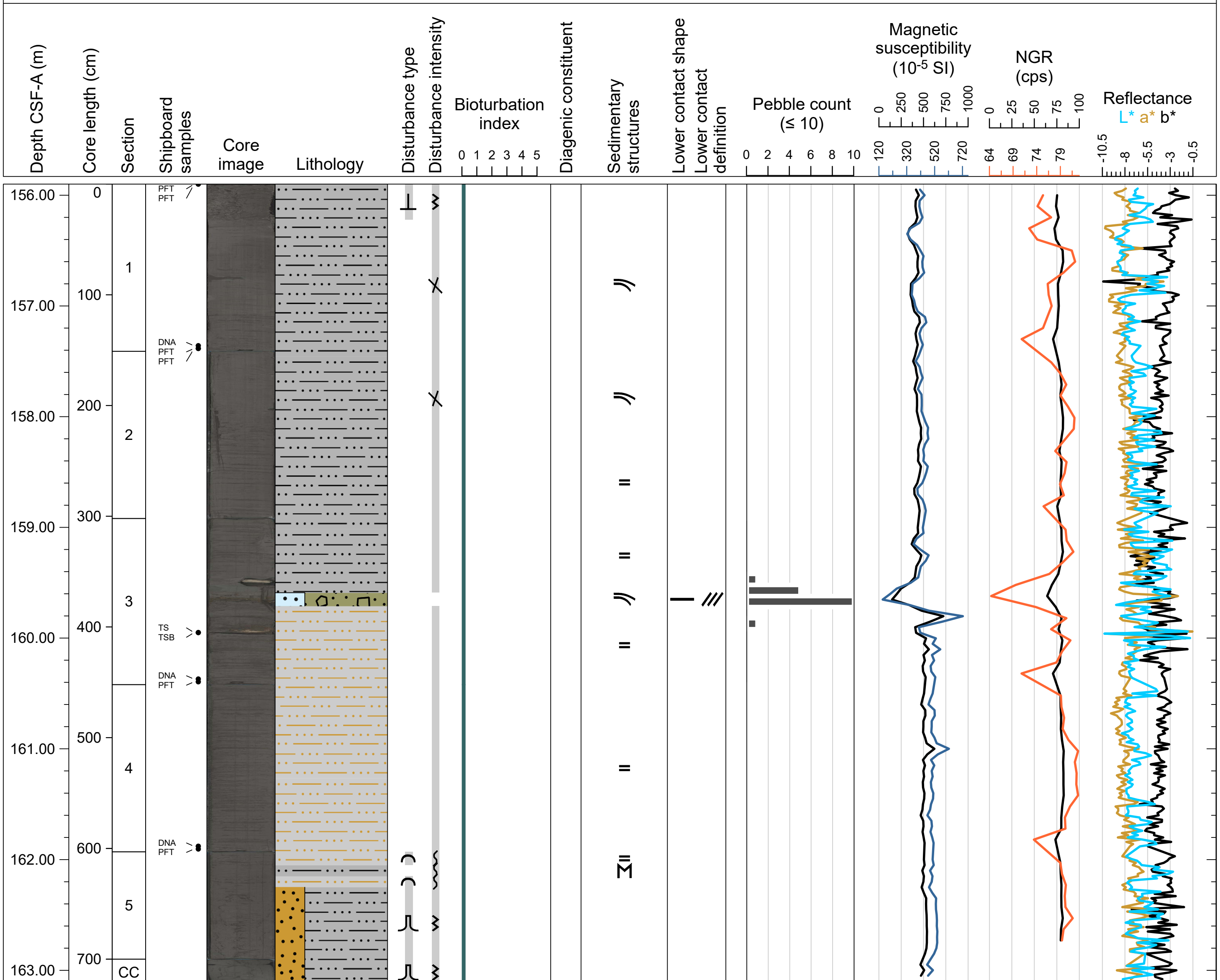
Hole 400-U1604B Core 21H, Interval 150.9-155.93 m (CSF-A)

Dark grey interlaminated mud and sand interbedded with massive greenish grey mud with dispersed clasts. A light brown interval of calcareous mud is observed at the top of the core. The drilling disturbance is slight to moderate with no bioturbation observed.



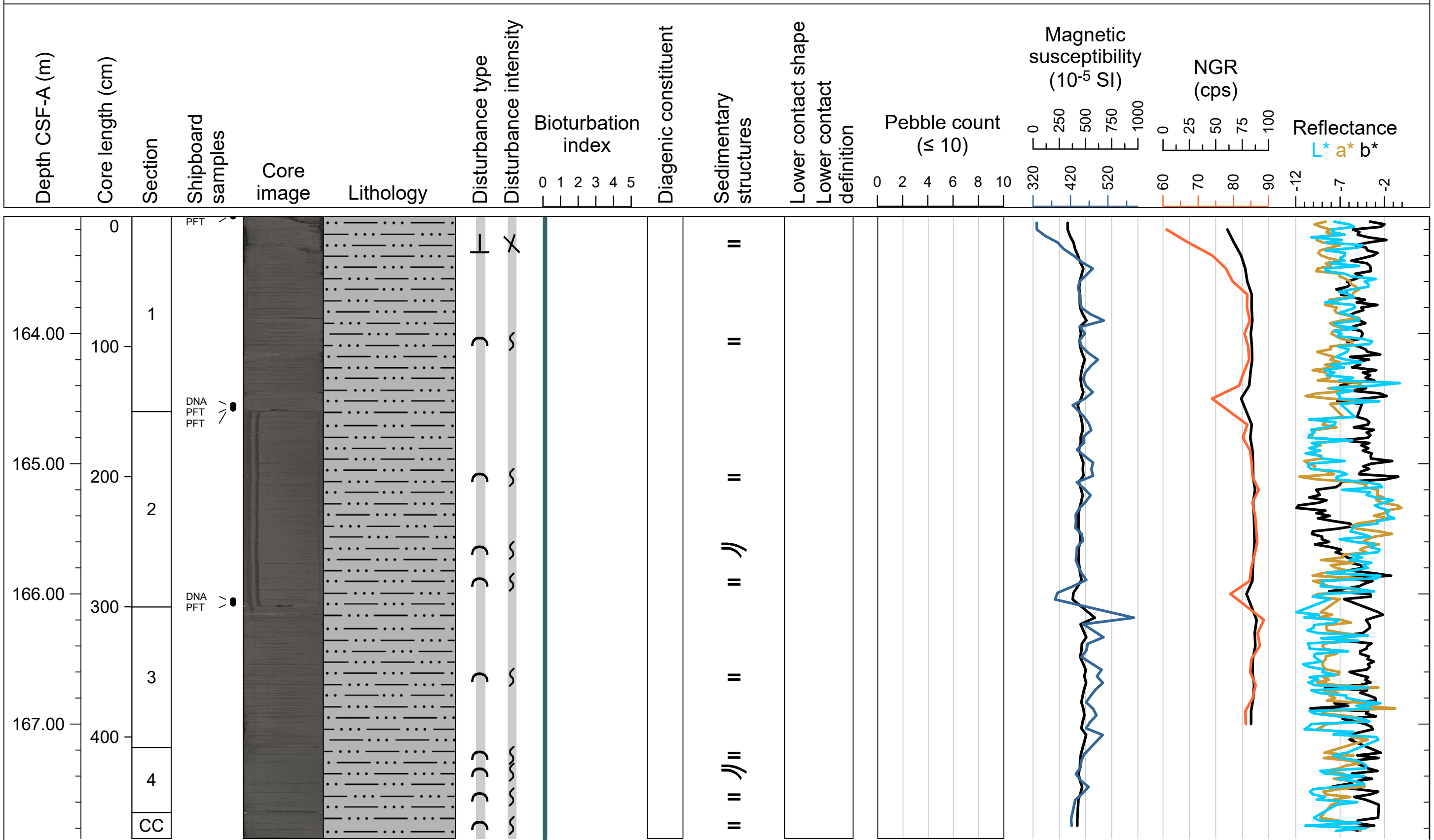
Hole 400-U1604B Core 22H, Interval 155.9-163.14 m (CSF-A)

Alternating dark greyish green mud, laminated mud and interlaminated mud and sand with a thin bed of calcareous, clast-rich sandy diamicton bounded by two large clasts (~4cm), of dolomite and limestone congolmerate. No bioturbation observed.



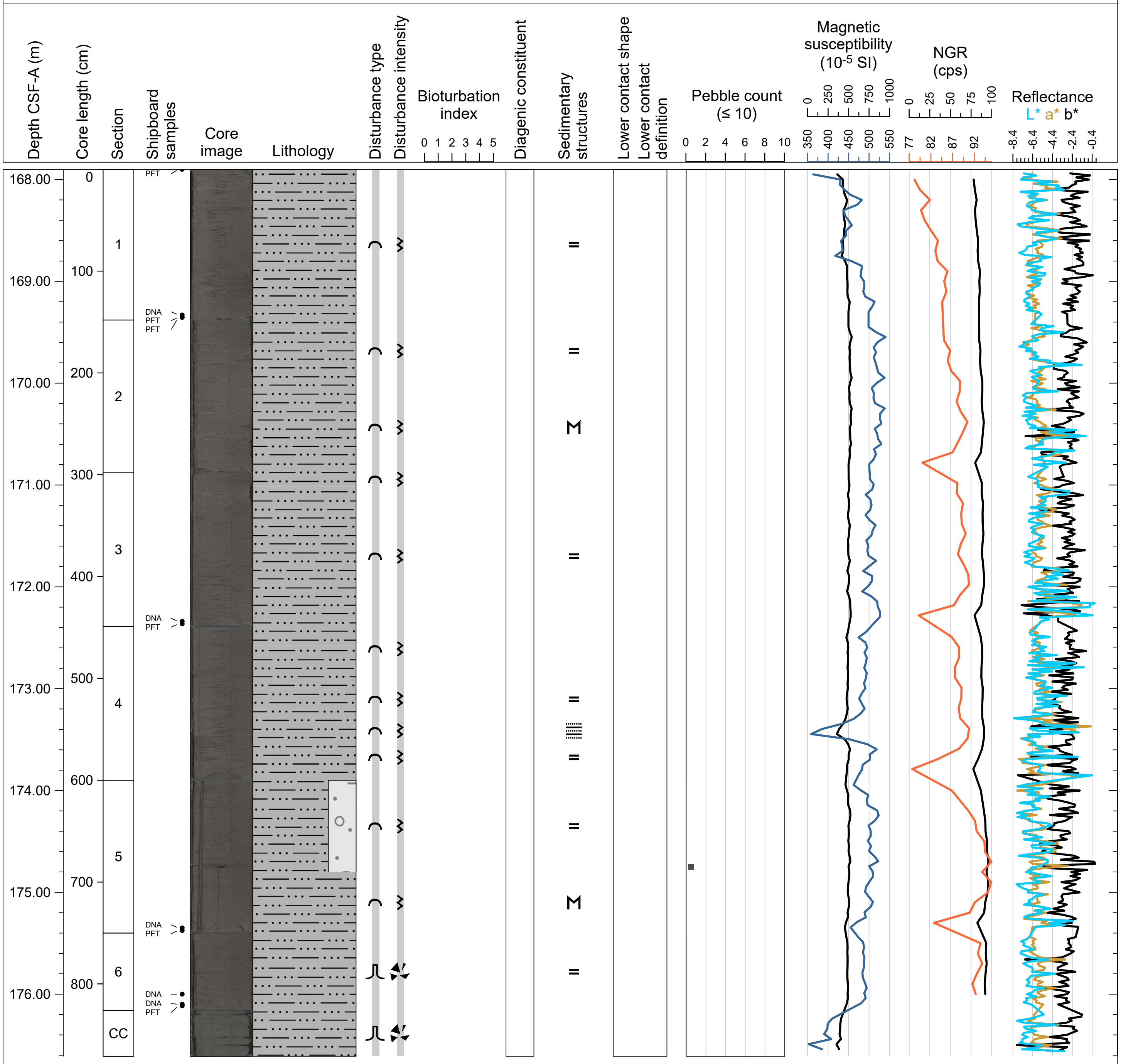
Hole 400-U1604B Core 23F, Interval 163.1-167.88 m (CSF-A)

Dark greyish green thinly laminated mud with 10 cm thick intervals of mud with laminae. No bioturbation observed.



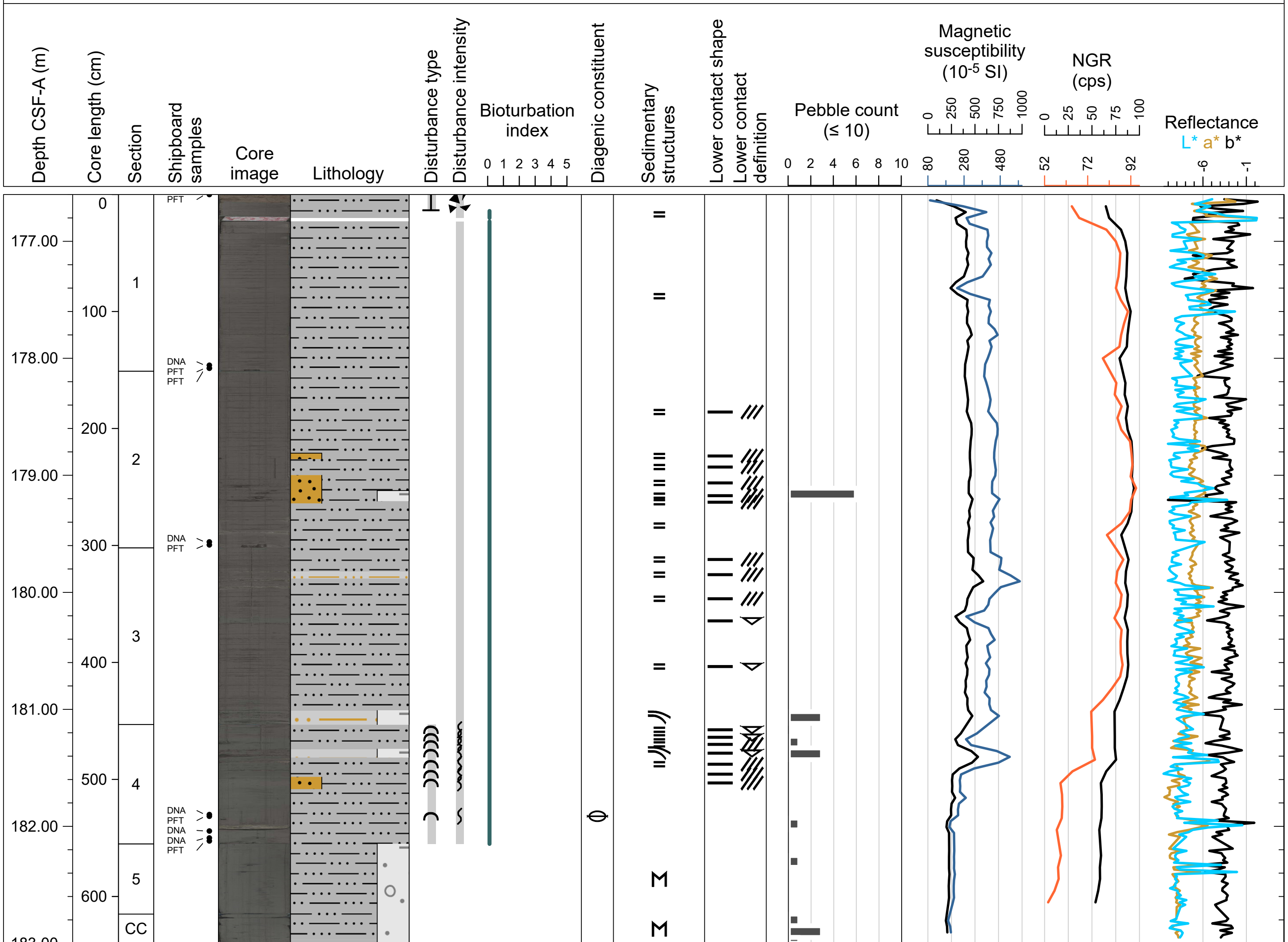
Hole 400-U1604B Core 24H, Interval 167.9-176.61 m (CSF-A)

Dark grey mud with silt laminae and intervals of massive mud. Some dispersed clasts are present. One color banded interval is also observed in Section 4. Core is strongly to severly disturbed, inhibiting detailed observations of bioturbation and other sedimentary structures.



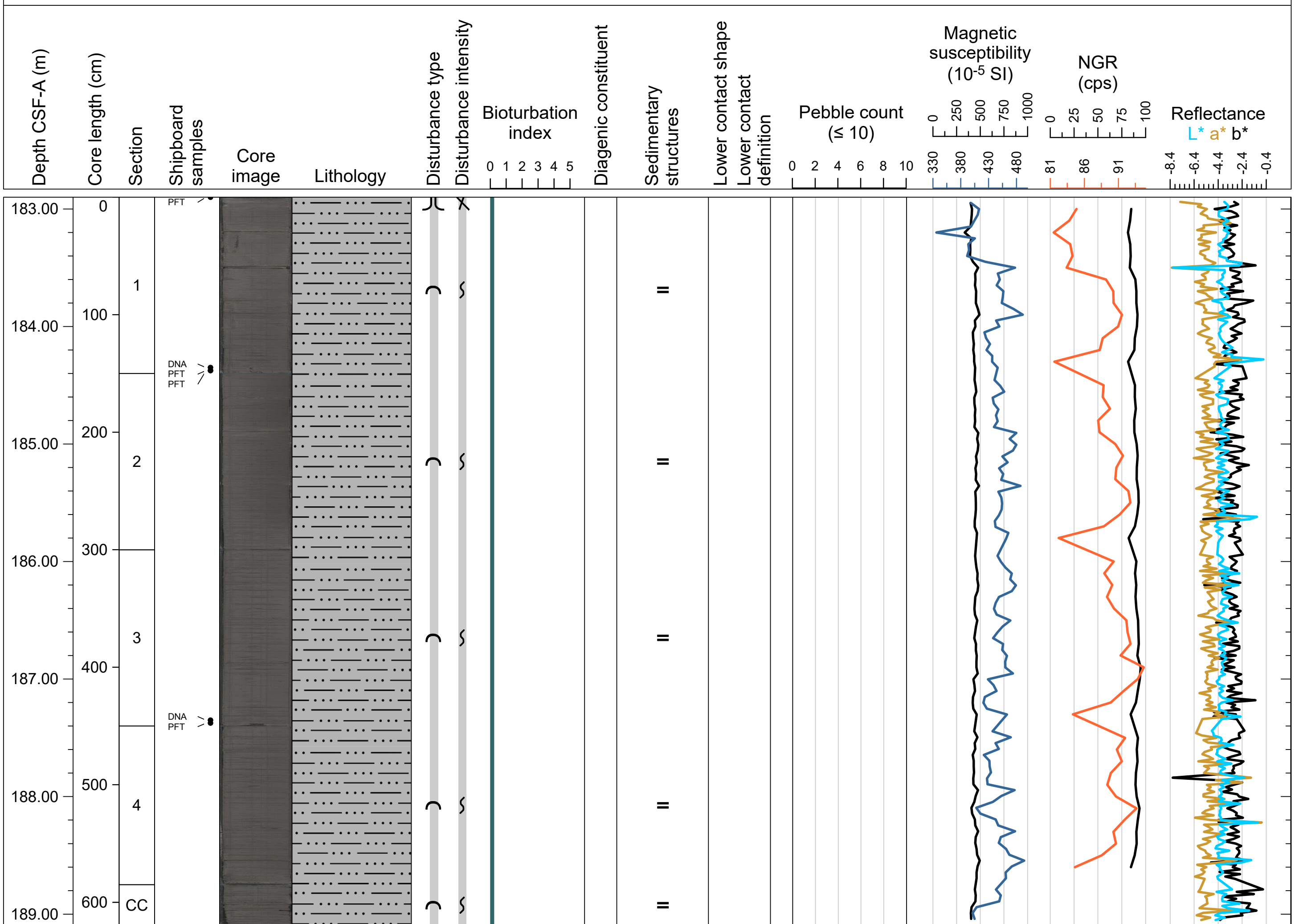
Hole 400-U1604B Core 25H, Interval 176.6-183.0 m (CSF-A)

Dark greyish-brown, thinly laminated mud with rare, thin, normally graded sand laminae. Where laminae are visible, the core is not disturbed and no bioturbation is present. Where the mud is massive, bioturbation could not be determined due to core disturbance. Milimeter-scale, normal microfaults occur throughout core, and sometimes are associated with intervals of slightly tilted laminae.



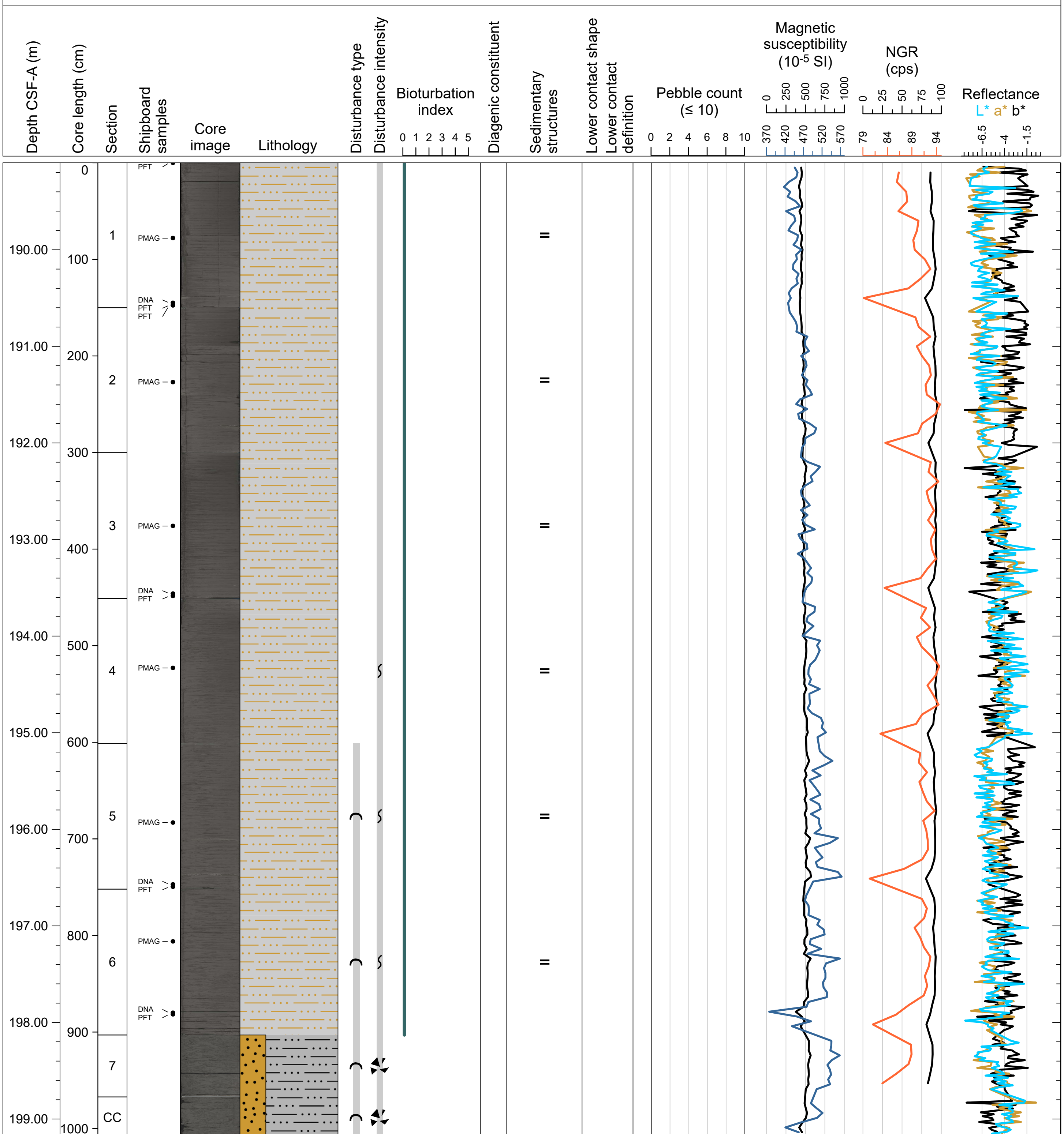
Hole 400-U1604B Core 26H, Interval 182.9-189.1 m (CSF-A)

Greyish brown mud with parallel laminations and rare thin laminations/beds of silt to sand. Bioturbation is absent.



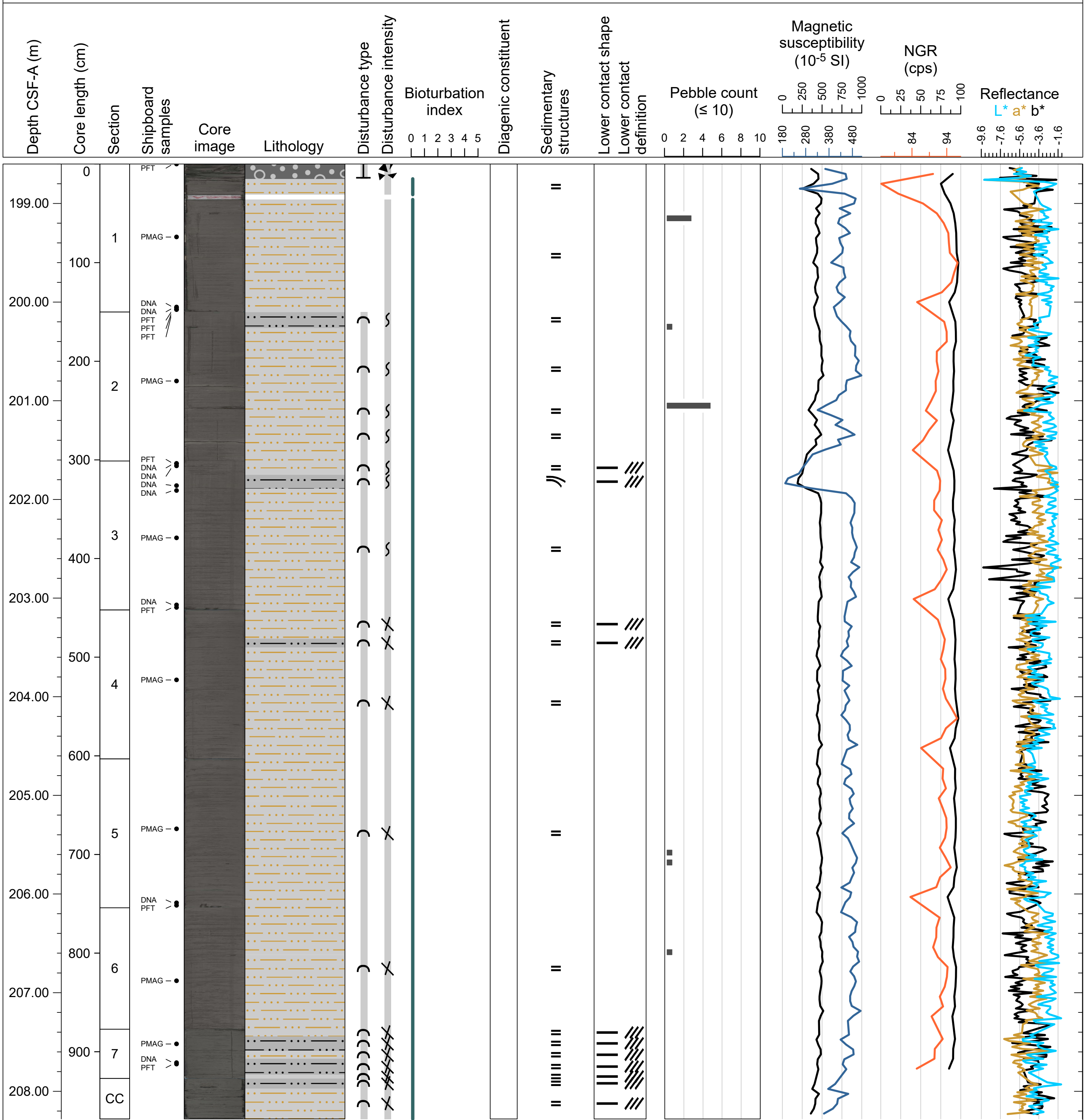
Hole 400-U1604B Core 27H, Interval 189.1-199.2 m (CSF-A)

Dark greenish grey interlaminated sand and mud and laminated mud. Some dispersed granules (< 5 mm diameter). Bioturbation is absent.



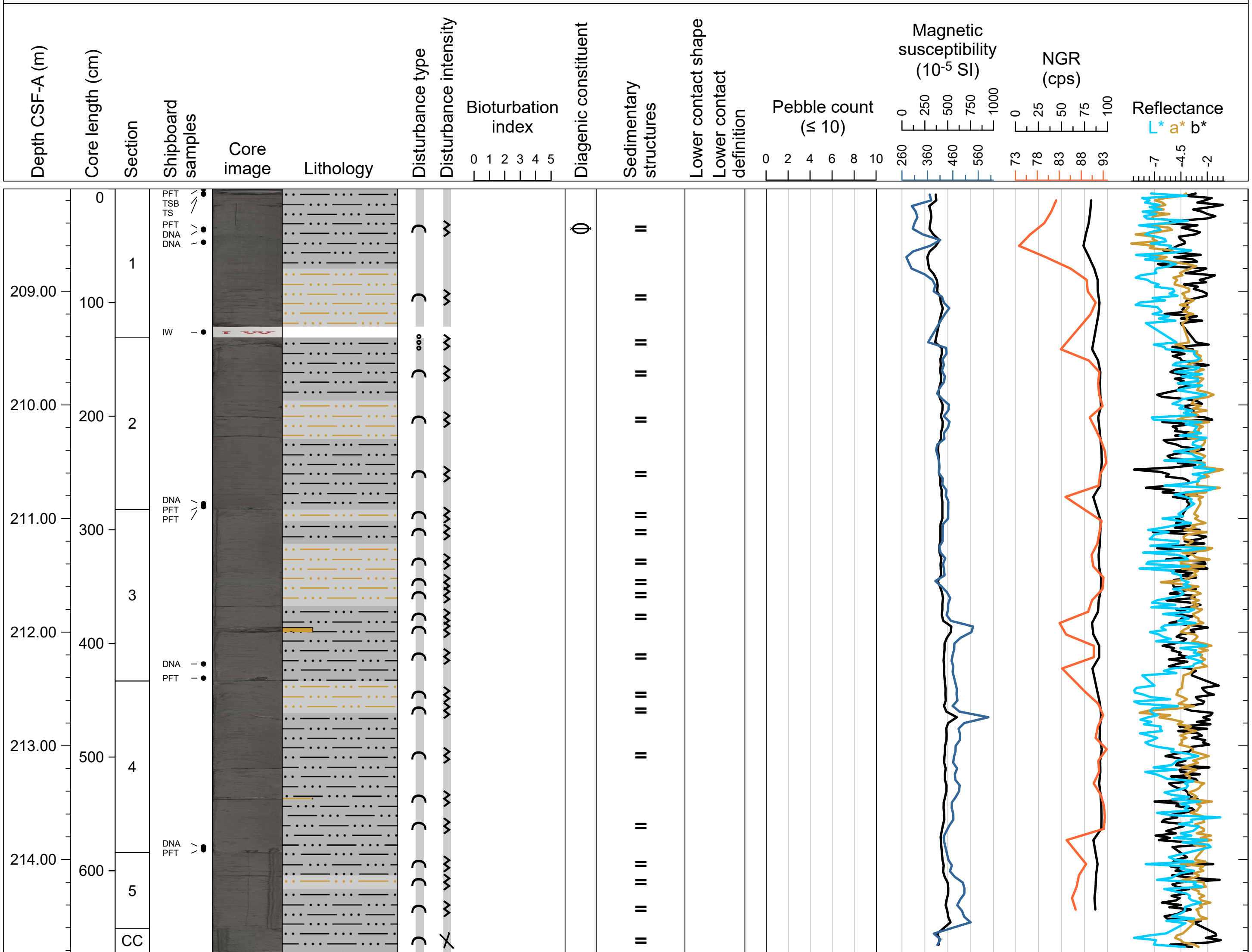
Hole 400-U1604B Core 28H, Interval 198.6-208.28 m (CSF-A)

Dark greenish grey, thinly interlaminated sand and mud with rare thicker 15 mm sand beds. Bioturbation is absent. The bottom two sections are severely disturbed from drilling.



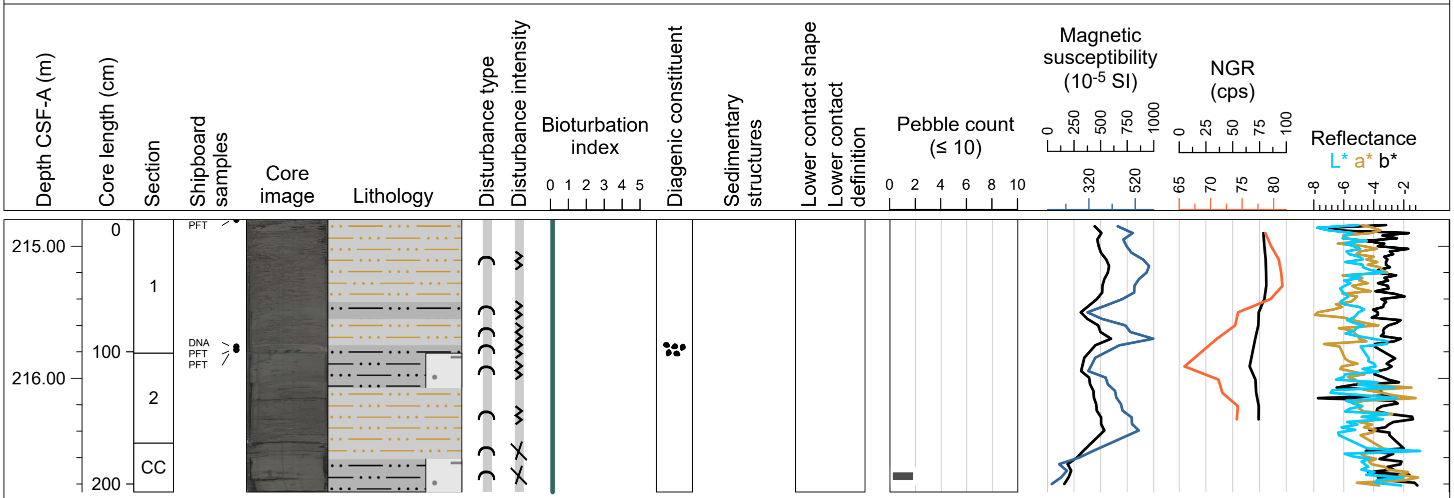
Hole 400-U1604B Core 29H, Interval 208.1-214.82 m (CSF-A)

Dark greenish grey to greyish brown laminated mud, interlaminated mud and sand, and sandy mud. The sand laminae are up to 1 cm thick. Strong drilling disturbance, primarily up-arching with some indications of sand flow from the sand laminae along the sides of the core. Bioturbation could not be observed due to drilling disturbance. Possible concretion found in Section 1.



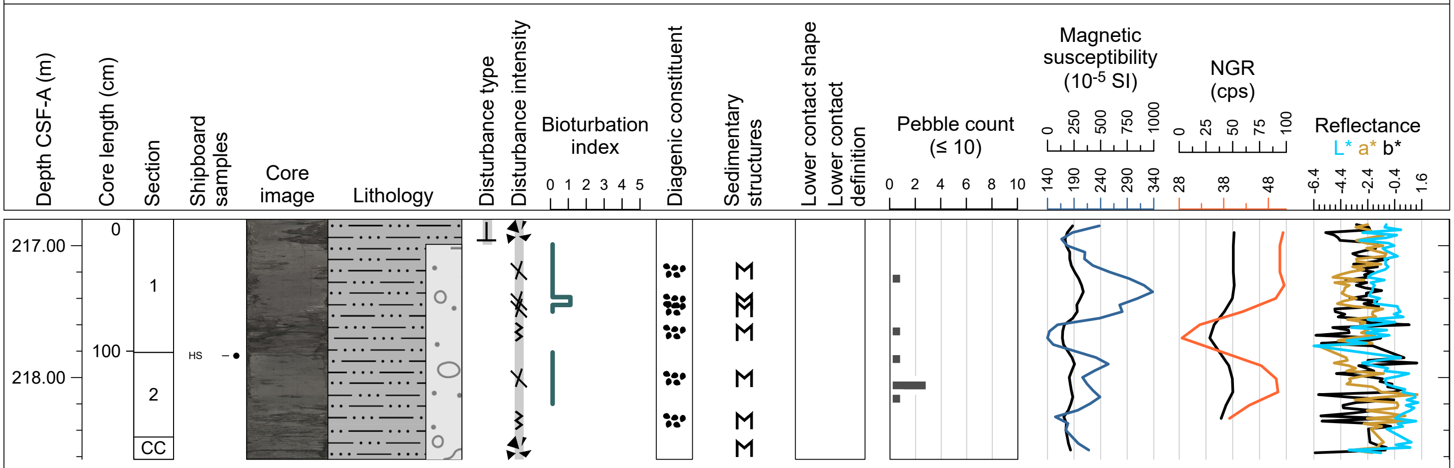
Hole 400-U1604B Core 30H, Interval 214.8-216.86 m (CSF-A)

Dark grey interlaminated sand and mud. The core is highly disturbed leading to a lost of structure in the sand laminae. No bioturbation is observed.



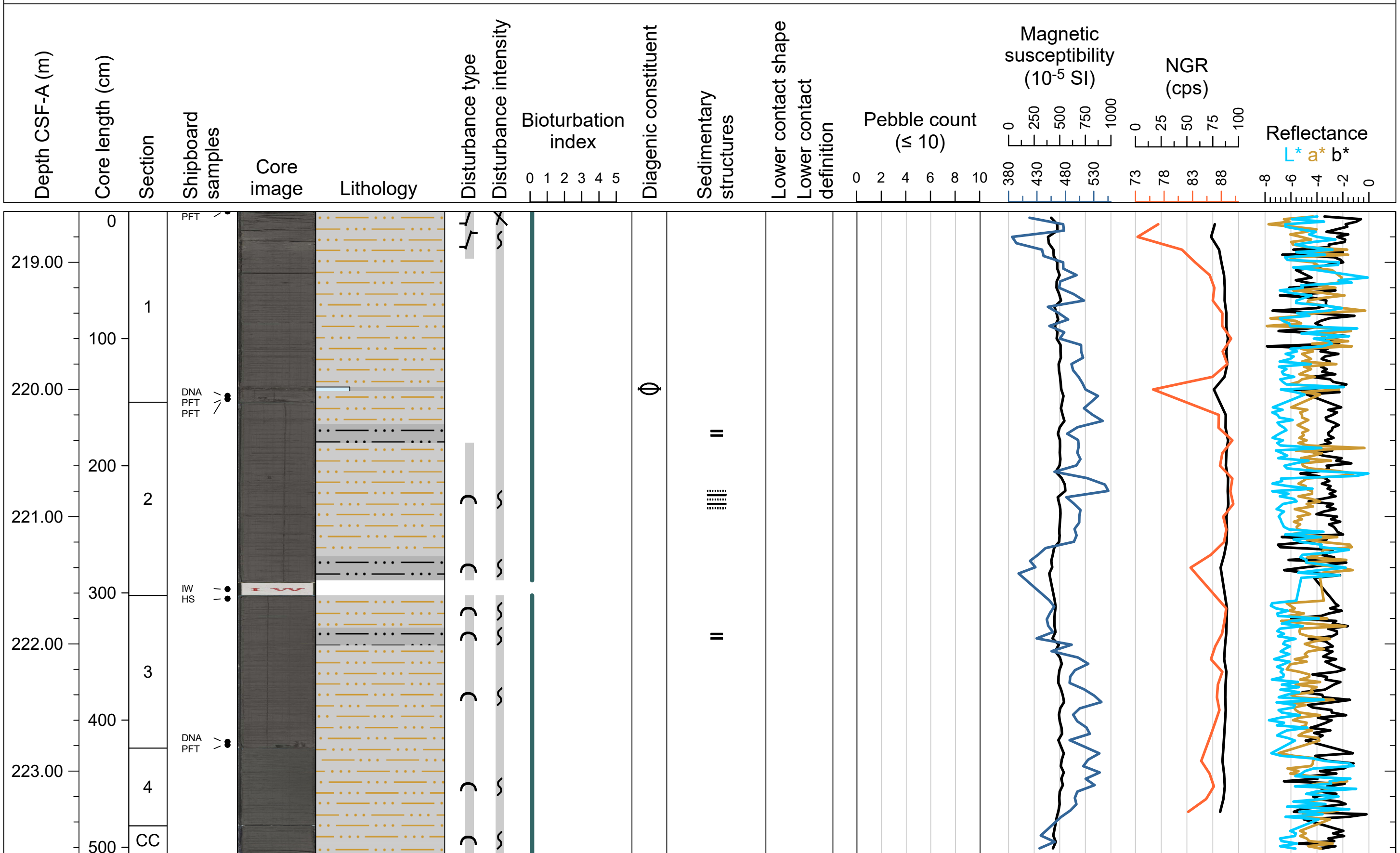
Hole 400-U1604B Core 31F, Interval 216.8-218.62 m (CSF-A)

Greenish grey massive mud with dispersed clasts. Black mottling is common. Two calcareous blebs or clasts are also present. Bioturbation is sparse, where it can be observed. Strong core disturbance inhibits detailed observations in some intervals.



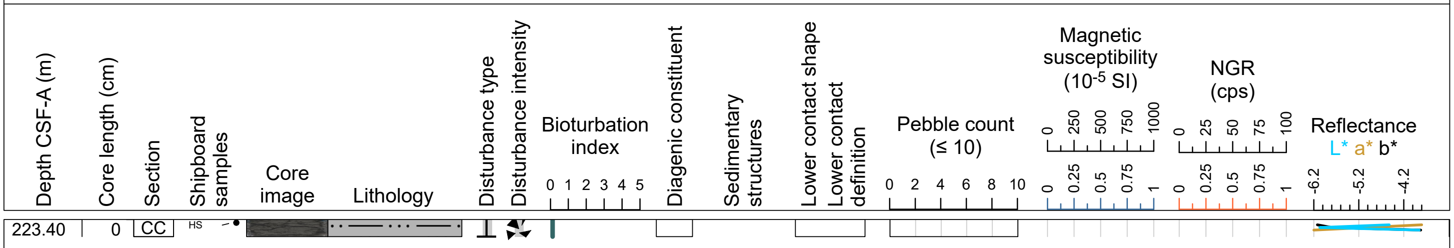
Hole 400-U1604B Core 32F, Interval 218.6-223.66 m (CSF-A)

Dark grey interlaminated sand and mud interbedded with dark grey thinly laminated mud. A layer of carbonate-cemented sediment (concretion) is present at the bottom of the first section. The drilling disturbance is slight to moderate. No bioturbation is observed.



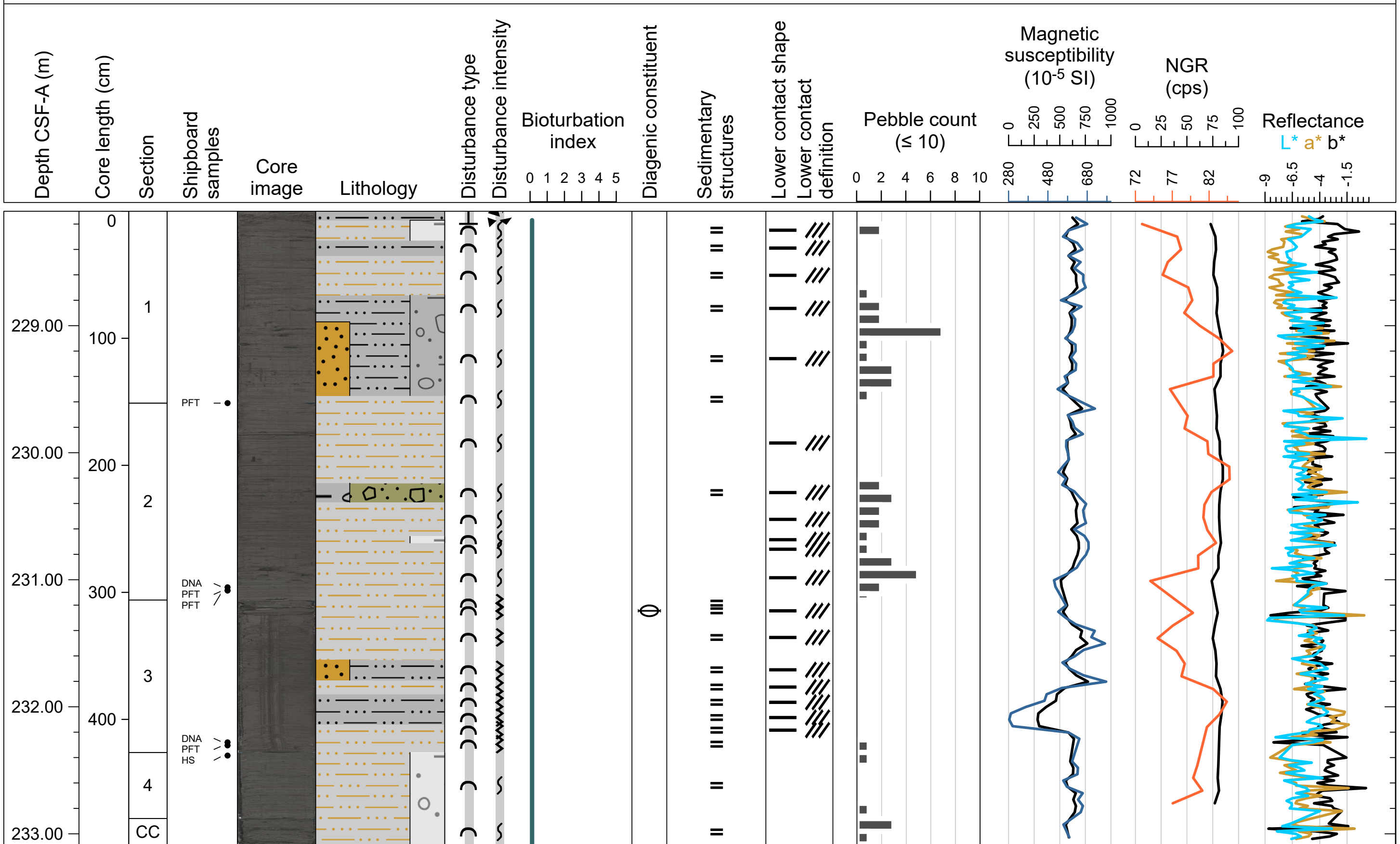
Hole 400-U1604B Core 33F, Interval 223.4-223.53 m (CSF-A)

Dark grey mud highly disturbed with no structure recognizable.



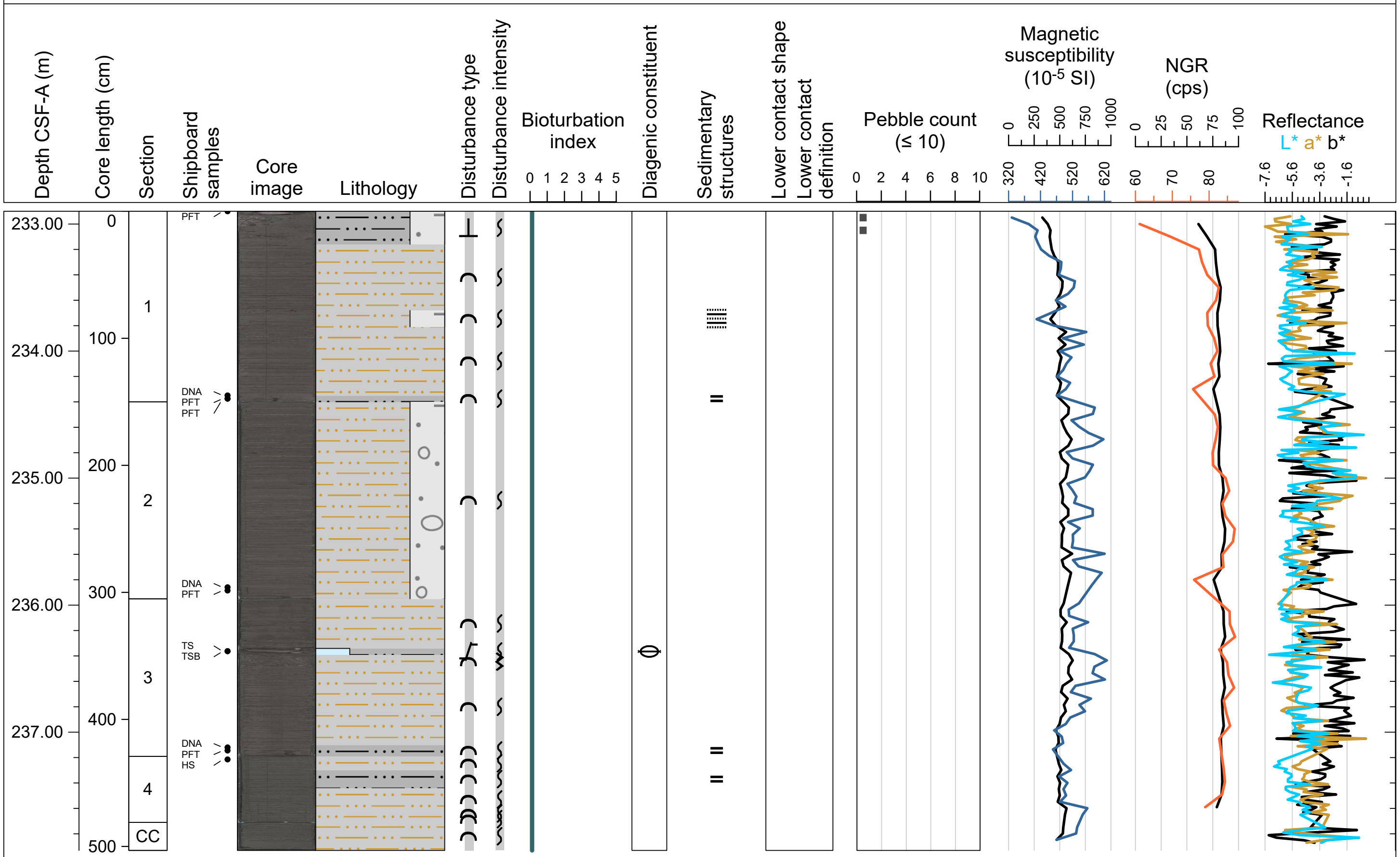
Hole 400-U1604B Core 34F, Interval 228.1-233.09 m (CSF-A)

Dark grey interlaminated sand and mud and laminated mud dominate this core. An interval of grey sandy mud with common clasts occurs in Section 1, and diamicton is present in Section 2.



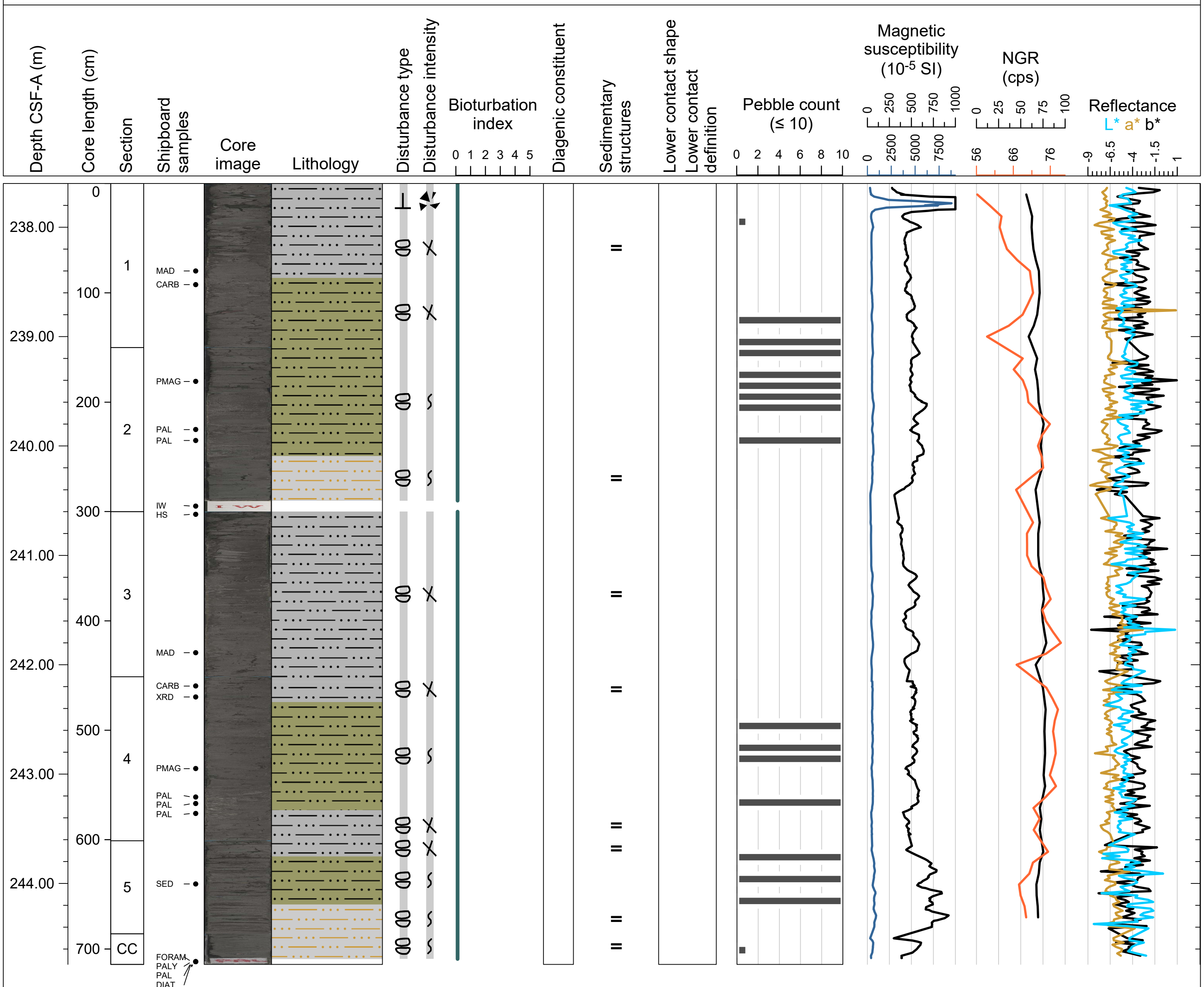
Hole 400-U1604B Core 35F, Interval 232.9-237.93 m (CSF-A)

Dark grey interlaminated mud and sand with sand layers varying from thin laminae (mm) to thick laminae (cm) interbedded with dark grey thinly laminated mud. A layer made of calcareous cemented sediment (concretion) is observed in Section 3. The drilling disturbance is slight with no bioturbation observed.



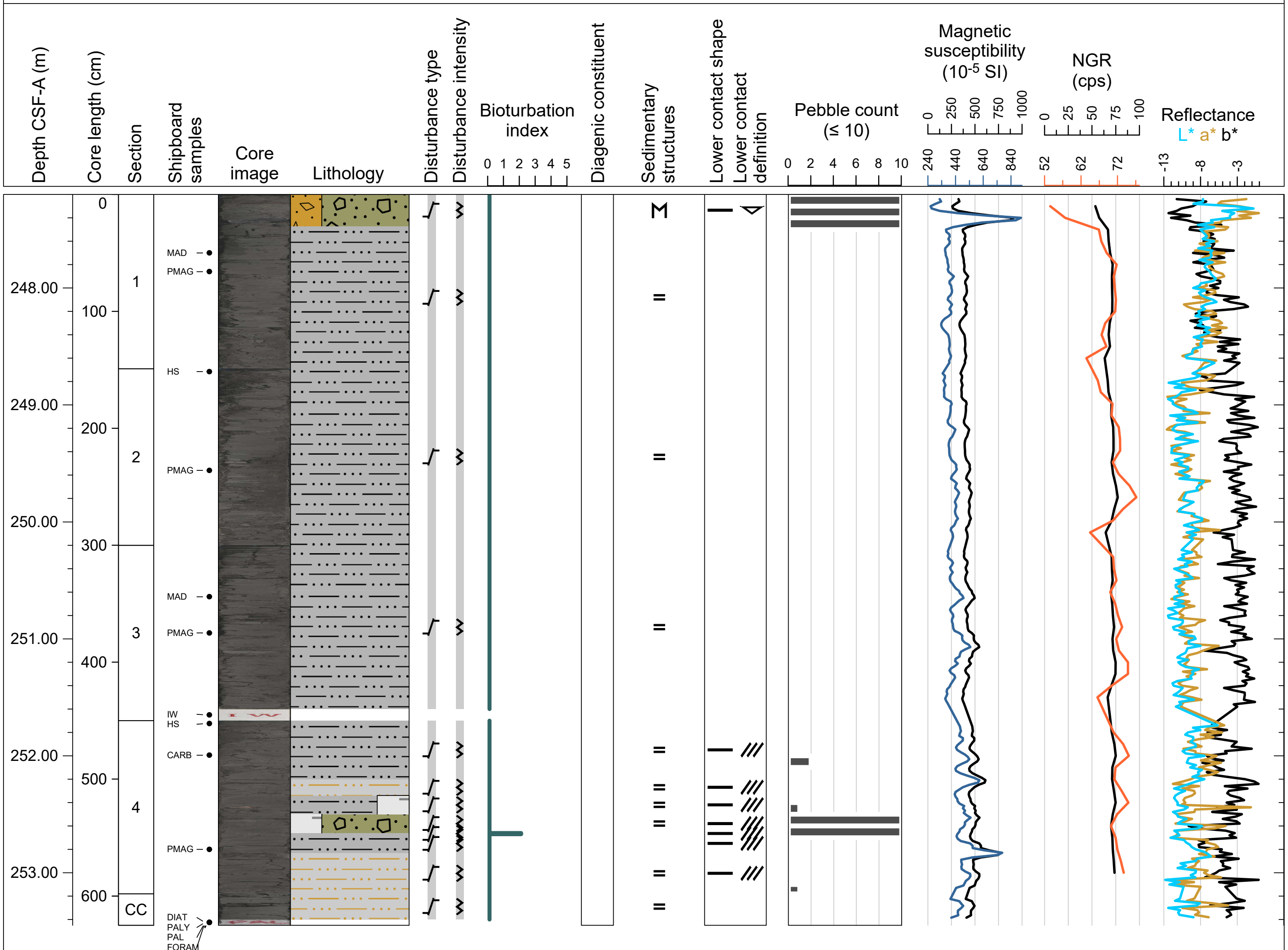
Hole 400-U1604B Core 36X, Interval 237.6-244.74 m (CSF-A)

Dark grey laminated mud dominates this core. Interbeds of diamicton and sandy mud with dispersed clasts occur in Sections 1, 2, 4, and 5. Bioturbation is absent.



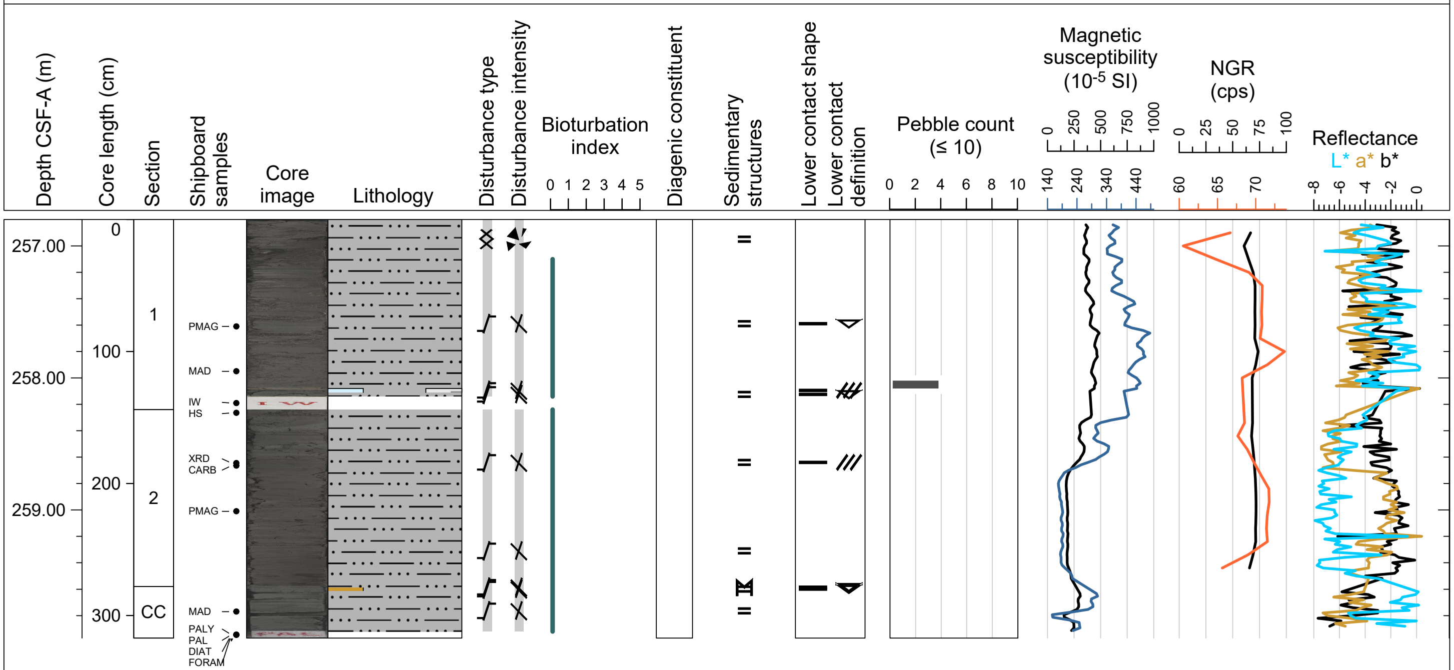
Hole 400-U1604B Core 37X, Interval 247.2-253.45 m (CSF-A)

Dark grey laminated mud and interlaminated sand and mud, with intervals of clast-rich sandy diamicton, laminated mud with dispersed clasts, and clast-poor diamicton. Ripple cross lamination noted in (mud) silt in Section 4, overlain by a thin moderately bioturbated interval. Otherwise, bioturbation is absent.



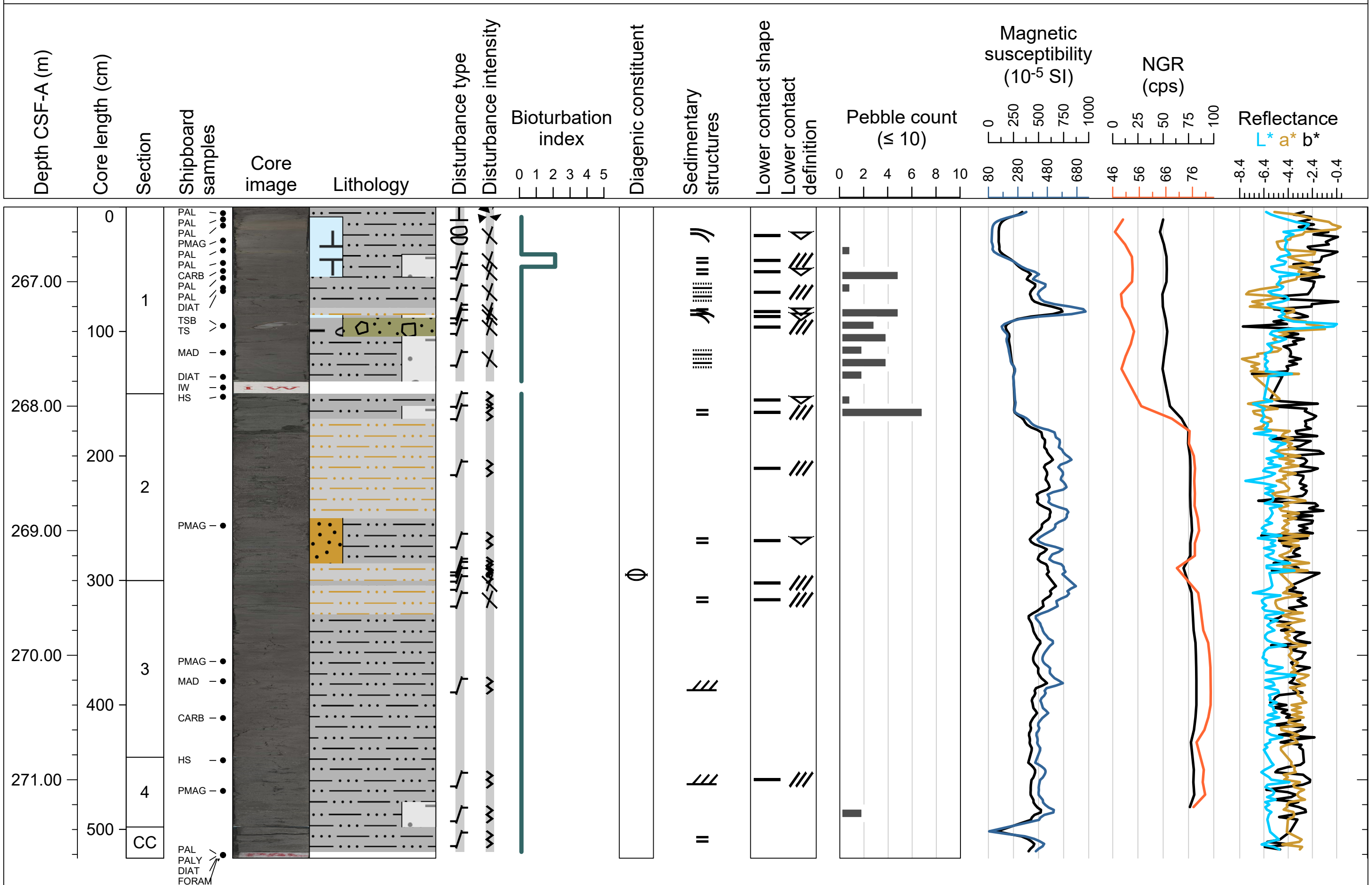
Hole 400-U1604B Core 38X, Interval 256.8-259.97 m (CSF-A)

Dark greenish grey laminated mud is the dominant lithology. A thin interbed of light brown calcareous mud with dispersed clasts occurs in Section 1. Bioturbation is absent.



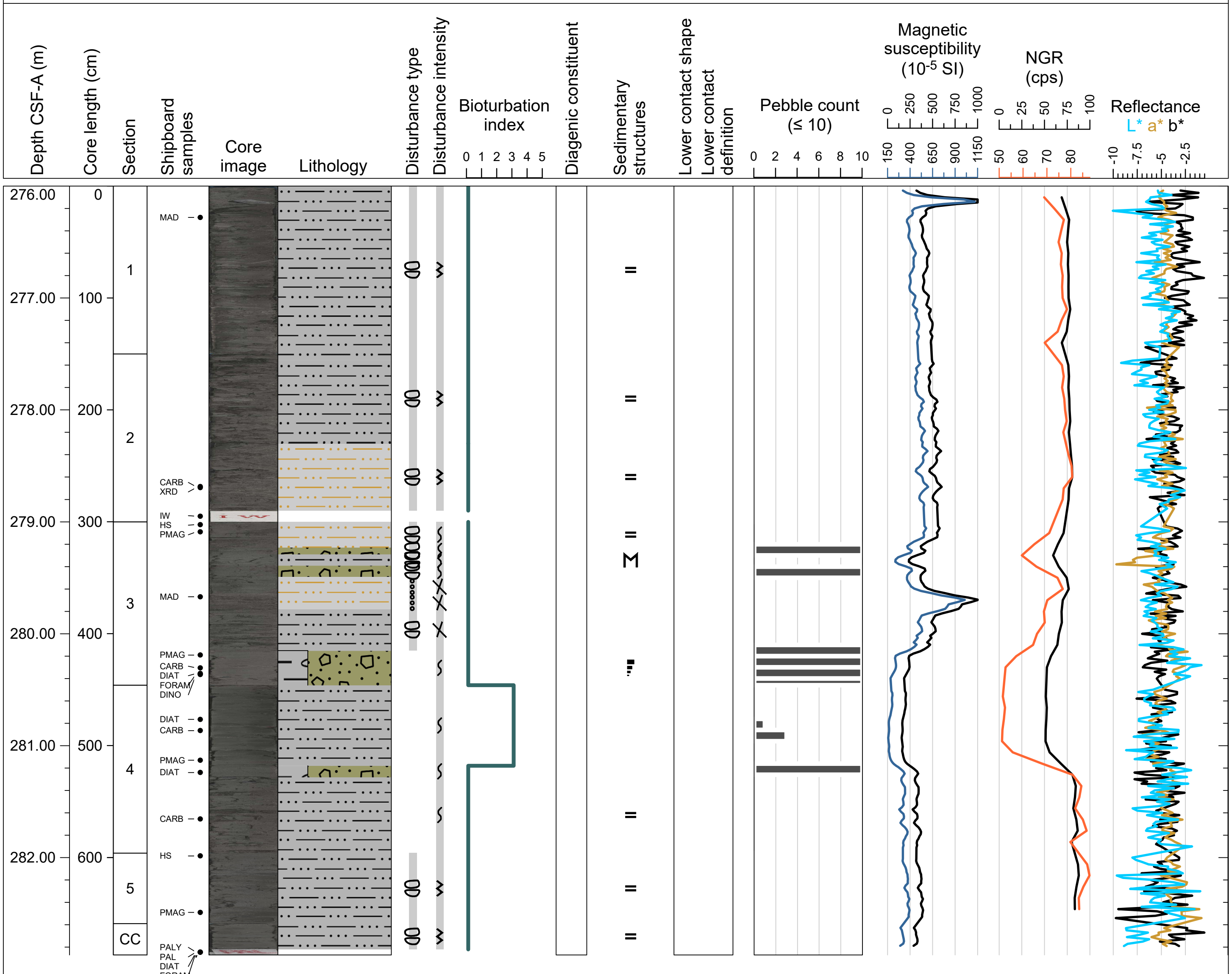
Hole 400-U1604B Core 39X, Interval 266.4-271.63 m (CSF-A)

Dark grey laminated mud with ripple cross lamination (laminated, cross-stratified) is the dominant lithology. Section 1 is dominated by light brown to greyish yellow calcareous mud, calcareous mud with dispersed clasts, and calcareous muddy diamicton. Bioturbation was prominent in Section 1, 38-48 cm, but otherwise absent.



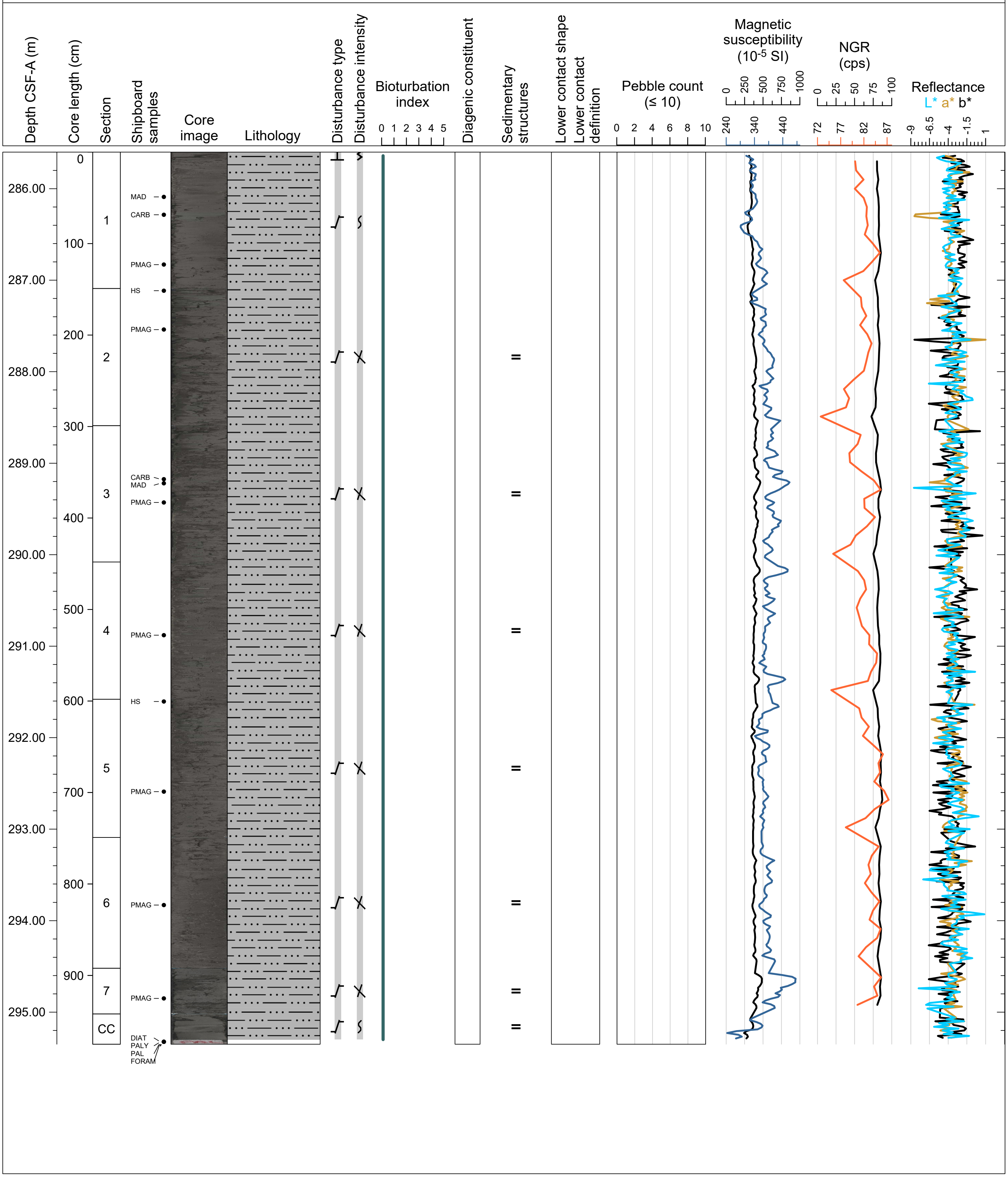
Hole 400-U1604B Core 40X, Interval 276.0-282.87 m (CSF-A)

Dark greenish grey laminated mud and interlaminated mud and sand, with a complex interval in Section 3 of dm-scale interbedded reverse-graded clast-rich muddy diamicton, interlaminated mud and sand, massive mud and laminated mud. In Section 4 a bioturbated light grey green massive mud with dispersed clasts is observed. Bioturbation otherwise was absent.



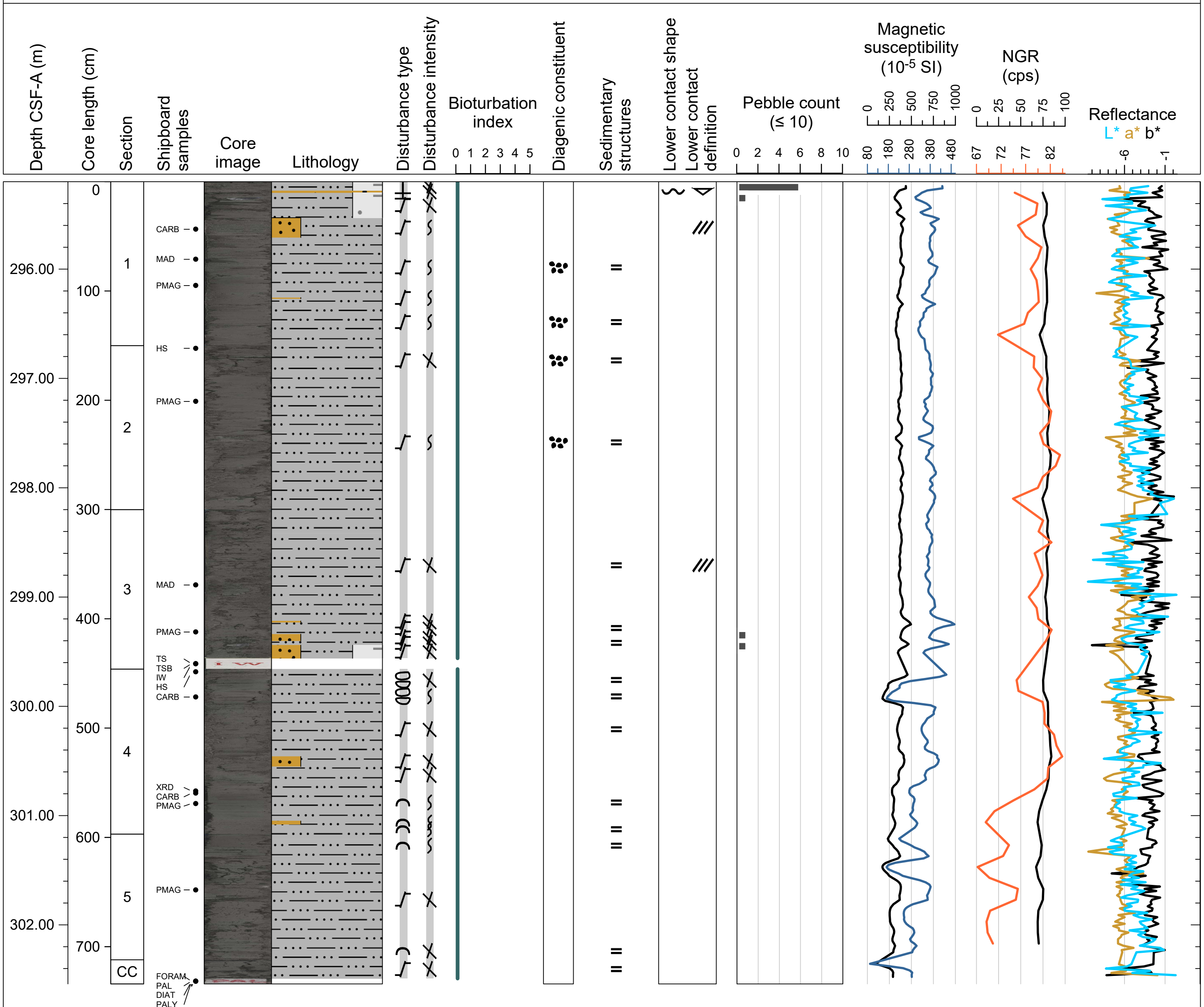
Hole 400-U1604B Core 41X, Interval 285.6-295.35 m (CSF-A)

Greyish brown mud with parallel laminations and rare color banding. Rare occurrences of low-angle lamination and ripple cross-lamination. Bioturbation is absent.



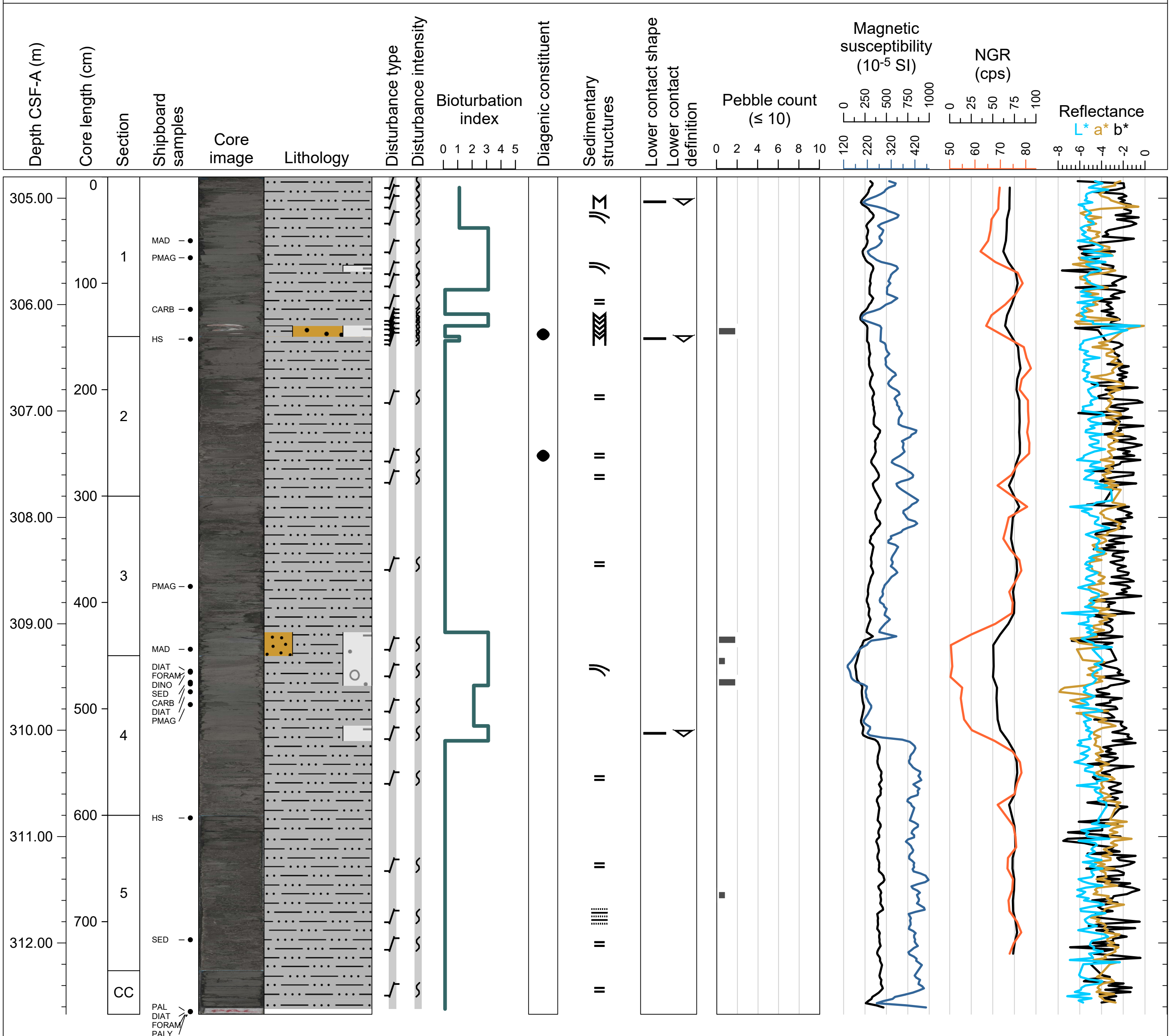
Hole 400-U1604B Core 42X, Interval 295.2-302.54 m (CSF-A)

Dark grey mud thinly laminated interbedded with thin layer of sandy mud. The drilling disturbance is slight to moderate and no bioturbation is observed.



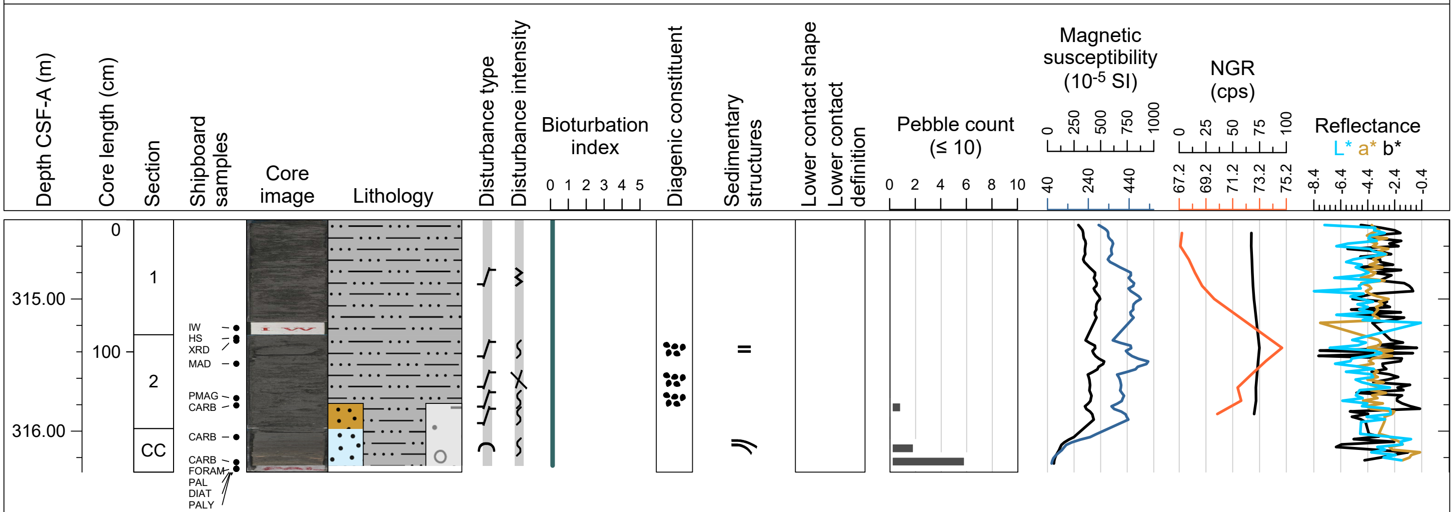
Hole 400-U1604B Core 43X, Interval 304.8-312.67 m (CSF-A)

Dark grey thinly laminated mud interbedded with greenish grey bioturbated sandy mud with dispersed clasts. Color banding and carbonate concretions are observed. Gneiss and a vesicular volcanic clast are present in Section 4.



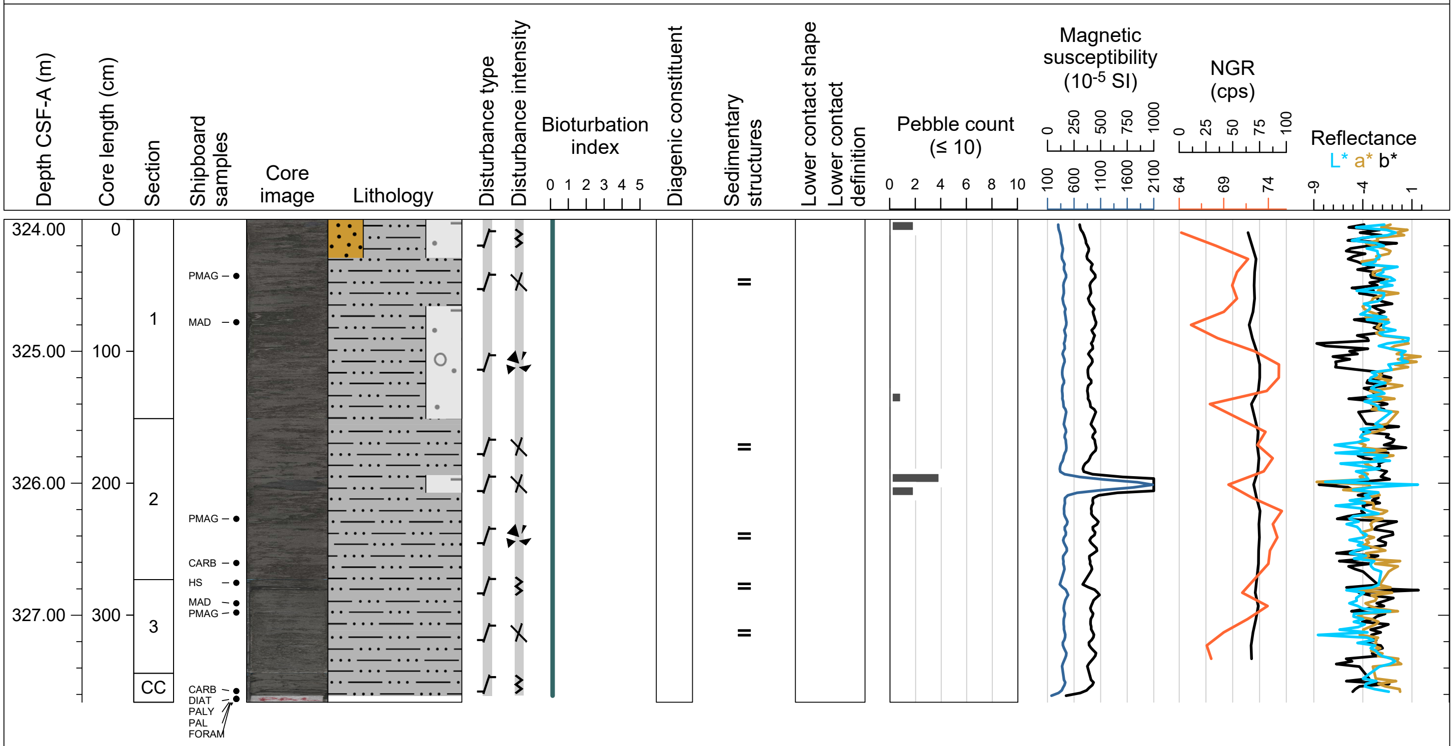
Hole 400-U1604B Core 44X, Interval 314.4-316.31 m (CSF-A)

Dark grey mud strongly disturbed with traces of black mottling and dispersed clasts. A stratified bed of calcareous mud with sand layers and clasts characterized the bottom of the core. No bioturbation is observed.



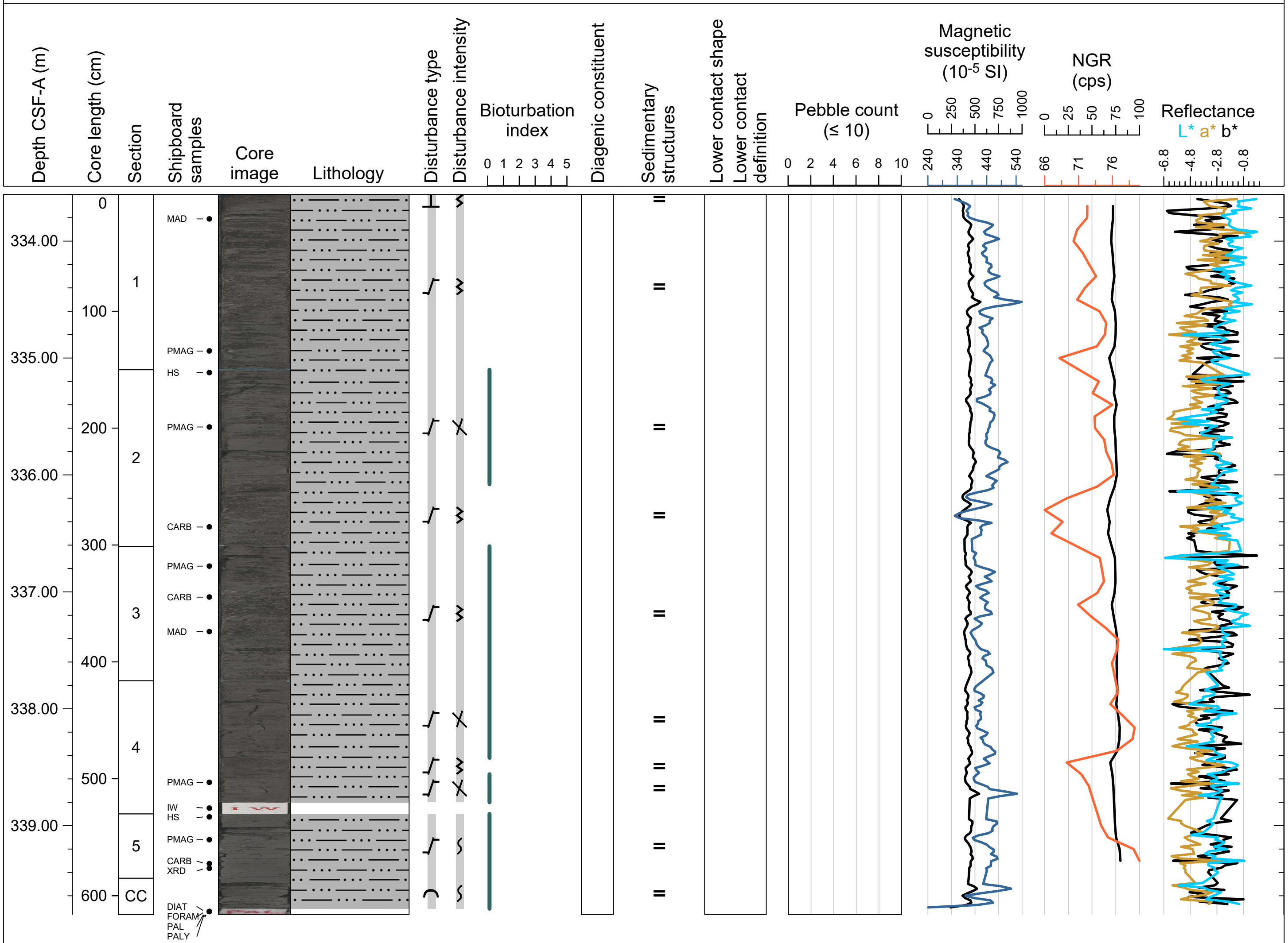
Hole 400-U1604B Core 45X, Interval 324.0-327.66 m (CSF-A)

Dark grey laminated mud moderately to severely disturbed with dispersed clasts. No bioturbation is observed.



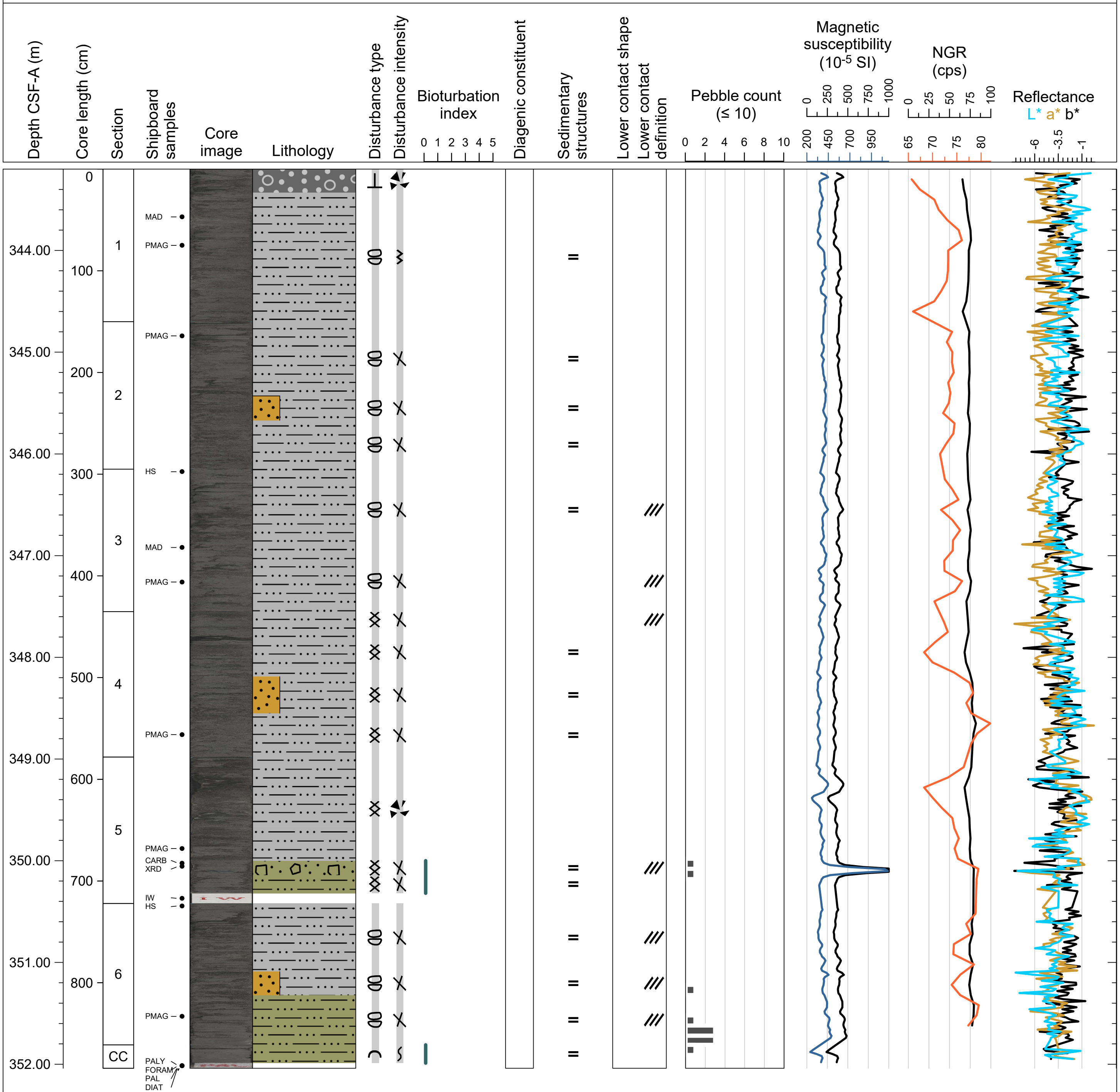
Hole 400-U1604B Core 46X, Interval 333.6-339.76 m (CSF-A)

Dark grey thinly laminated mud with rare laminae of sand. Bioturbation is absent or not observable due to drilling disturbance.



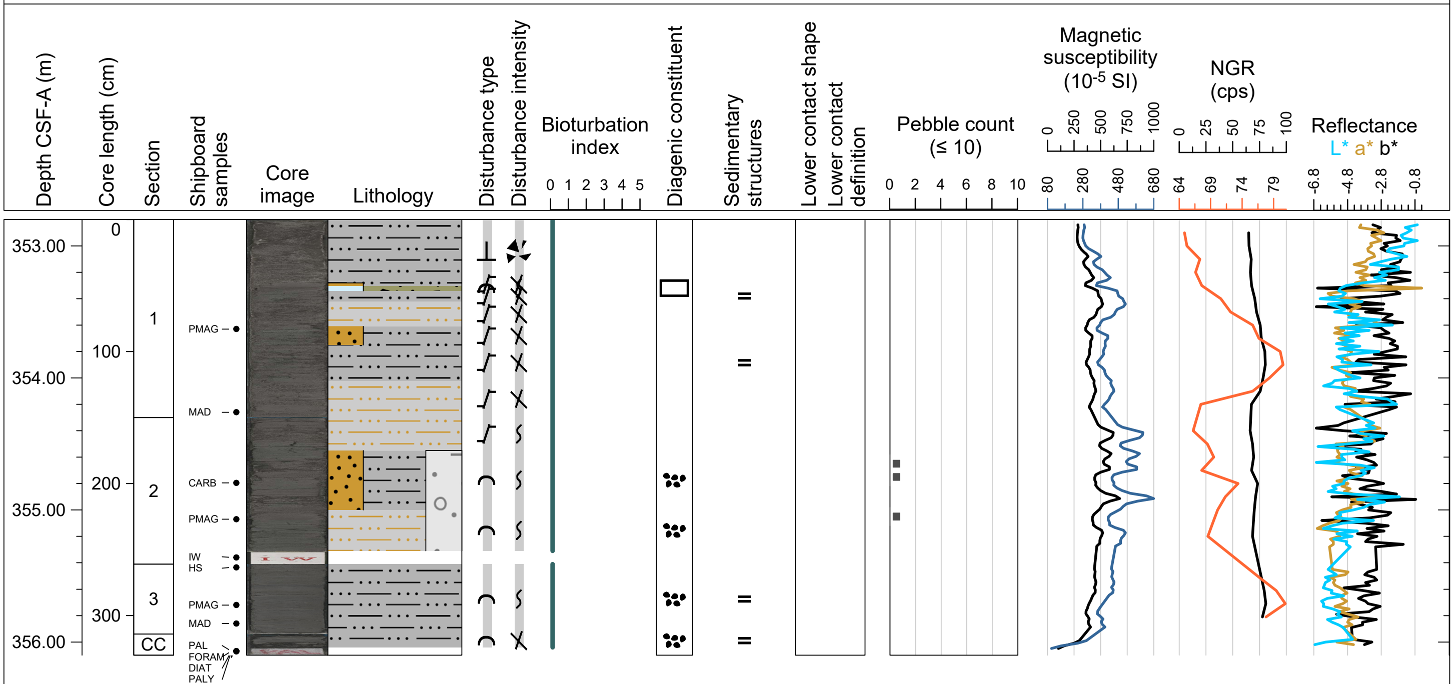
Hole 400-U1604B Core 47X, Interval 343.2-352.04 m (CSF-A)

Dark grey thinly laminated mud with rare, thin sandy mud intervals at the top of the core grades downward into dark greyish brown, thinly laminated mud and sand mud occasionally interlaminated with diamicton lower in the core. Sand occurences throughout the core are poorly sorted and have similar lithologies to the rare pebbles that are present. Strong to severe core disturbance prevented assessment of bioturbation through most of the core. Where the core was intact, bioturbation was absent.



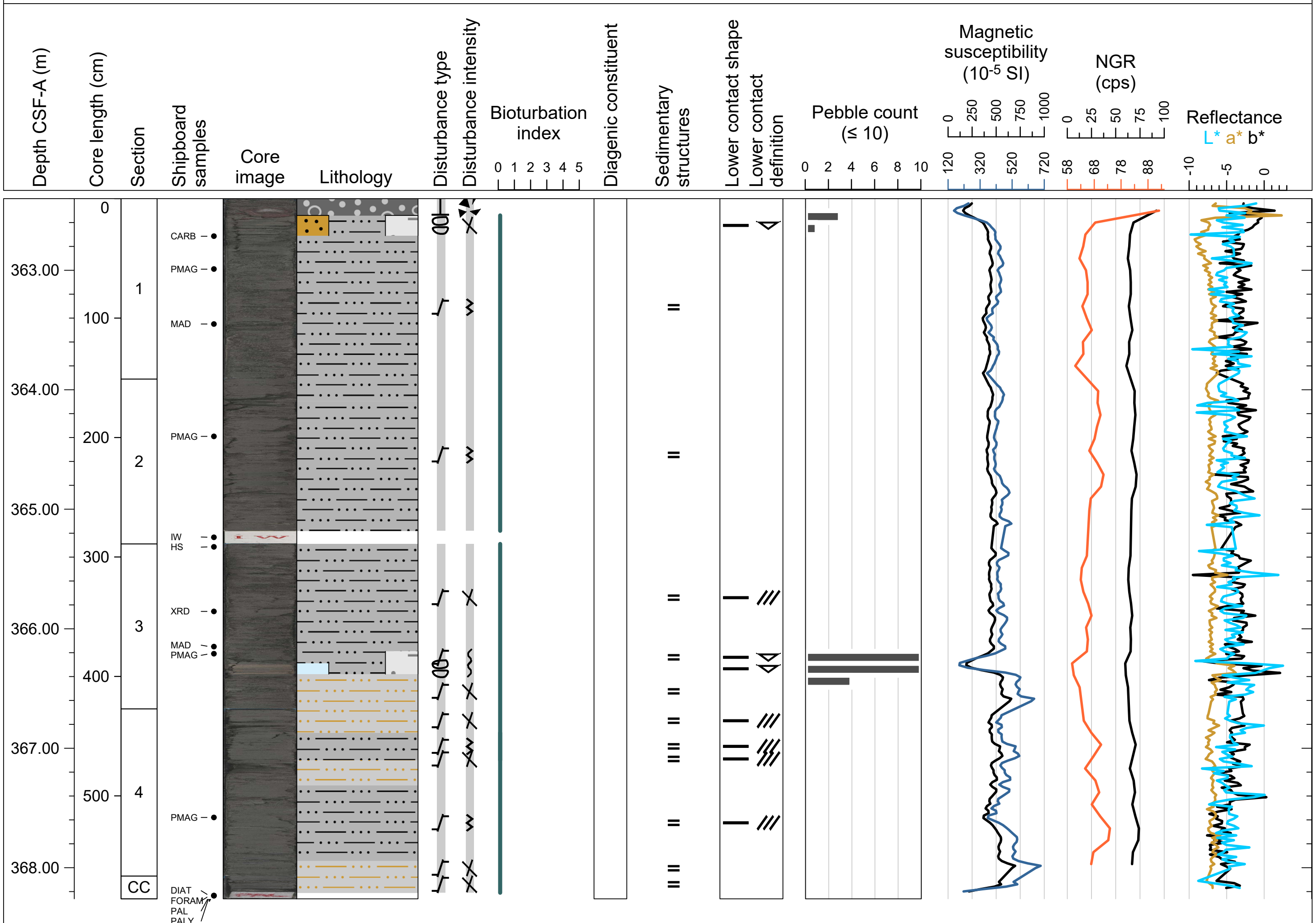
Hole 400-U1604B Core 48X, Interval 352.8-356.1 m (CSF-A)

Dark grey mud thinly laminated with black mottling interbedded with sandy mud with dispersed clasts. A cemented diamicton layer is present at the top of the core. The drilling disturbance is strong at the top of the core and is slight to moderate at the end of the core with no bioturbation observed.



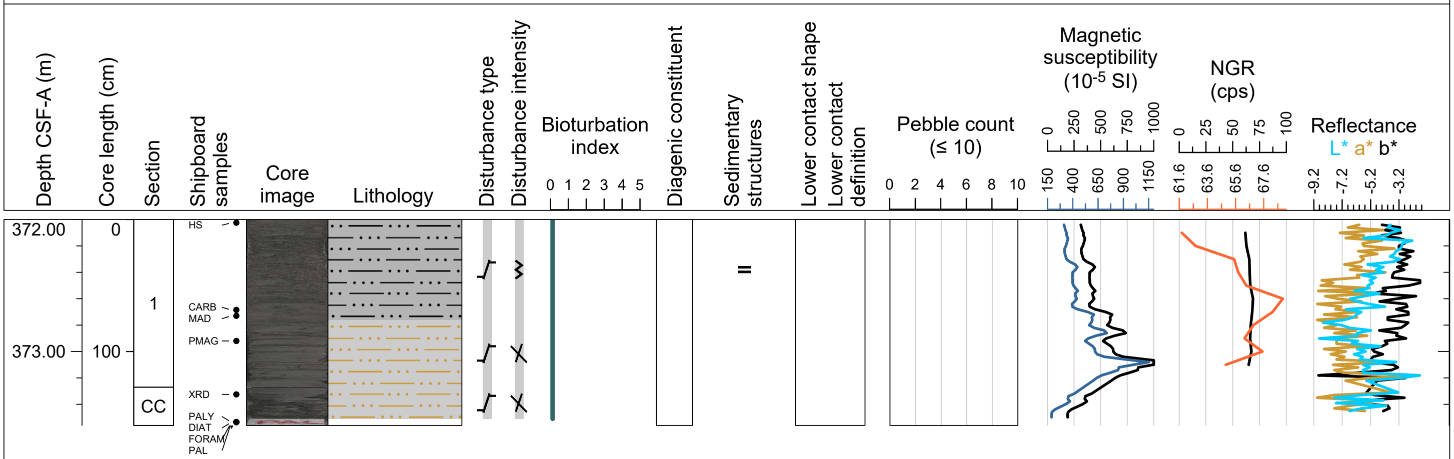
Hole 400-U1604B Core 49X, Interval 362.4-368.26 m (CSF-A)

Dark grey thinly laminated mud and interlaminated mud and sand. The top of Section 1 contains an interval of dark grey sandy mud with dispersed clasts. Section 3 contains a sharp-based interval of light brown calcareous mud with dispersed clasts, which shows reverse grading.



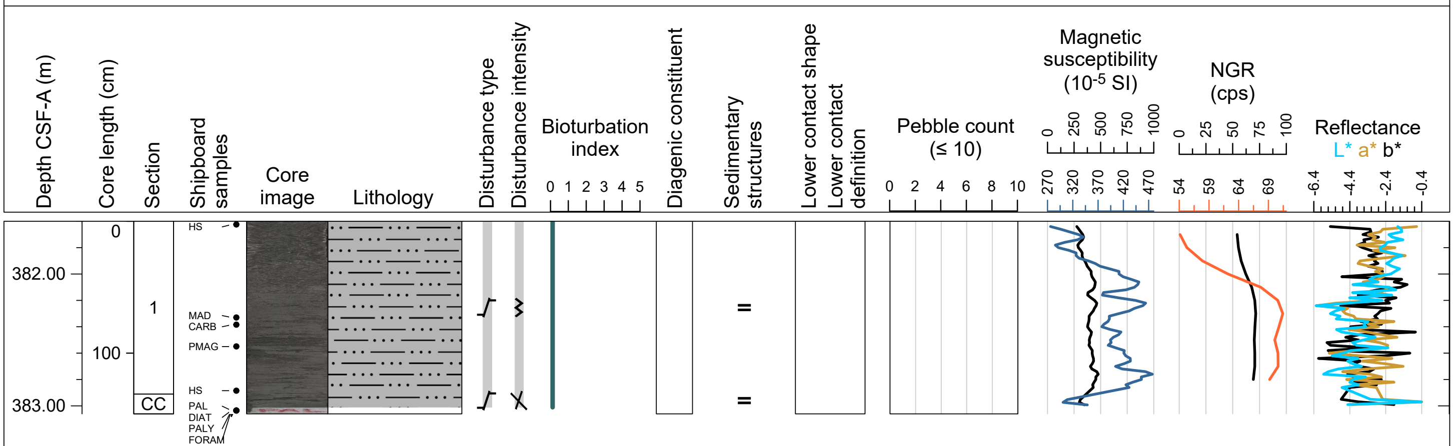
Hole 400-U1604B Core 50X, Interval 372.0-373.56 m (CSF-A)

Dark grey laminated mud and interlaminated mud and sand with cross bedding. Bioturbation is absent. Drilling disturbance is strong to severe.



Hole 400-U1604B Core 51X, Interval 381.6-383.06 m (CSF-A)

Dark grey laminated mud. Bioturbation is absent. Drilling disturbance is strong to severe.



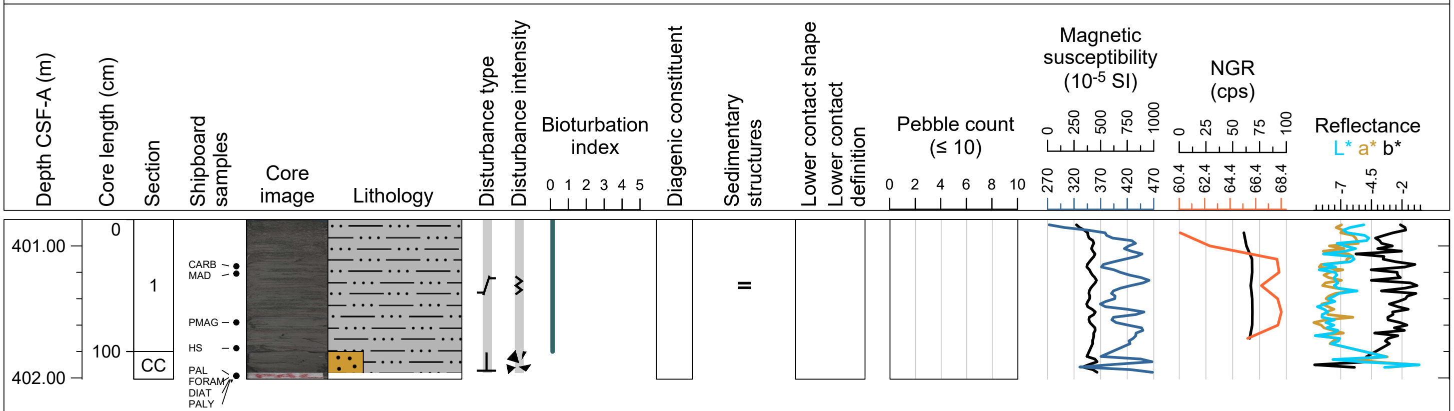
Hole 400-U1604B Core 52X, Interval 391.2-391.2 m (CSF-A)

NO RECOVERY 391.20-400.80 m

Depth CSF-A (m)	Core length (cm)	Section	Shipboard samples	Core image	Lithology	Disturbance type	Disturbance intensity	Bioturbation index 0 1 2 3 4 5	Diagenic constituent	Sedimentary structures	Lower contact shape	Lower contact definition	Pebble count (≤ 10) 0 2 4 6 8 10	Magnetic susceptibility (10^{-5} SI) 0 250 500 750 1000 / 0 0.25 0.5 0.75 1	NGR (cps) 0 25 50 75 100 / 0 0.25 0.5 0.75 1	Reflectance L* a* b* 0 0.25 0.5 0.75 1
	0															

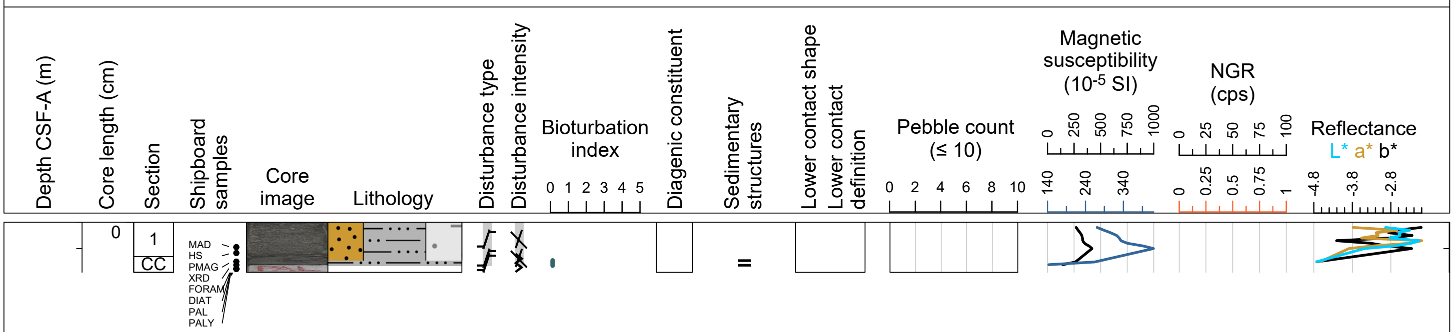
Hole 400-U1604B Core 53X, Interval 400.8-402.01 m (CSF-A)

Dark grey laminated mud and coarse sandy mud. Bioturbation is absent. Drilling disturbance is strong to severe.



Hole 400-U1604B Core 54X, Interval 410.4-410.78 m (CSF-A)

Dark grey laminated mud and coarse sandy mud. Bioturbation is absent. Drilling disturbance is strong to severe.



Hole 400-U1604B Core 55X, Interval 420.0-420.29 m (CSF-A)

Dark grey laminated mud. Bioturbation is absent. Drilling disturbance is strong to severe.

Depth CSF-A (m) | Core length (cm) | Section | Shipboard samples | Core image | Lithology | Disturbance type | Disturbance intensity | Bioturbation index (0 1 2 3 4 5) | Diagenic constituent | Sedimentary structures | Lower contact shape | Lower contact definition | Pebble count (≤ 10) (0 2 4 6 8 10) | Magnetic susceptibility (10^{-5} SI) (0 250 500 750 1000; 188 208 228 248 268) | NGR (cps) (0 25 50 75 100; 0 0.25 0.5 0.75 1) | Reflectance L* a* b* (-7.2 -6.2 -5.2 -4.2 -3.2)