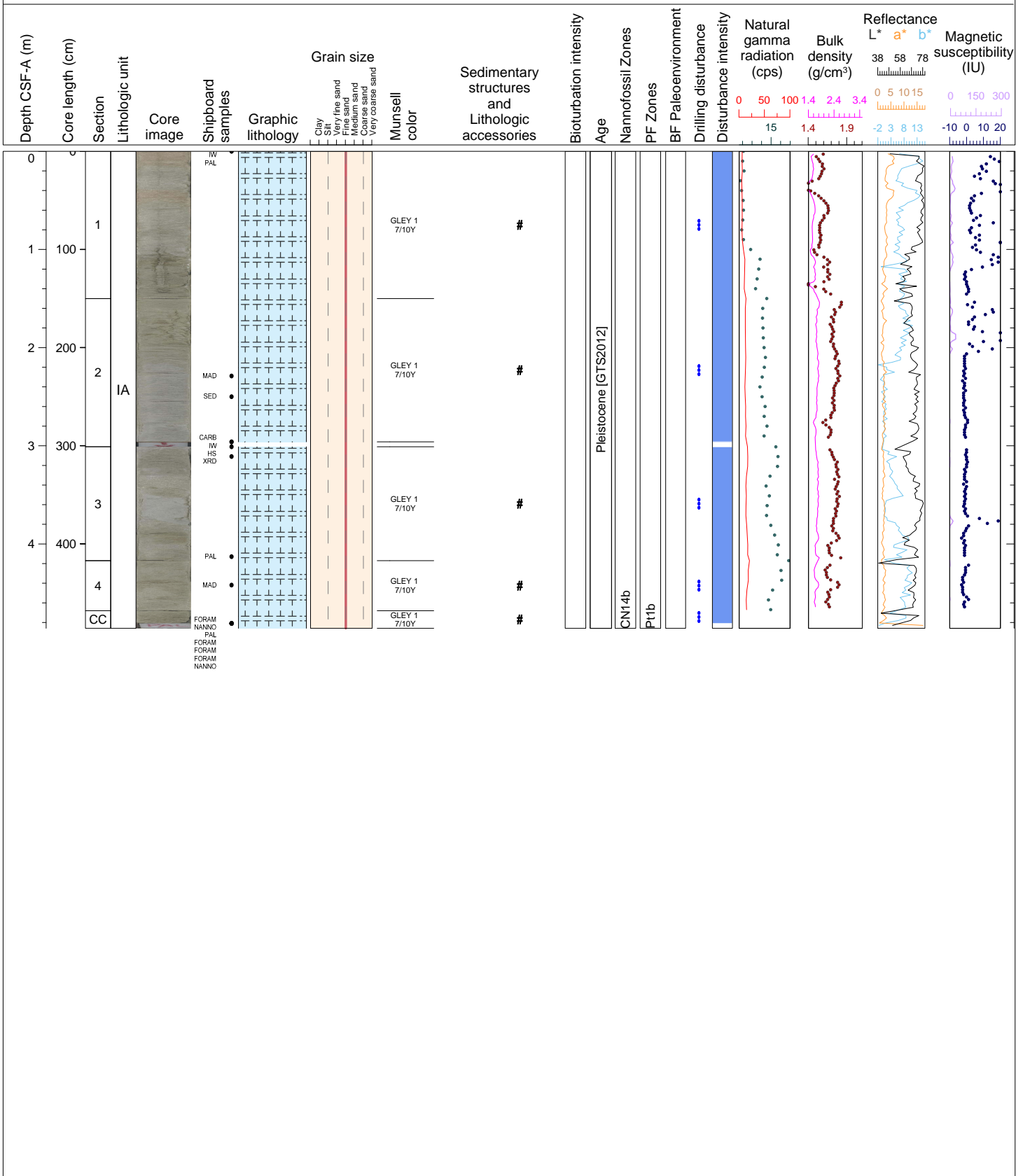


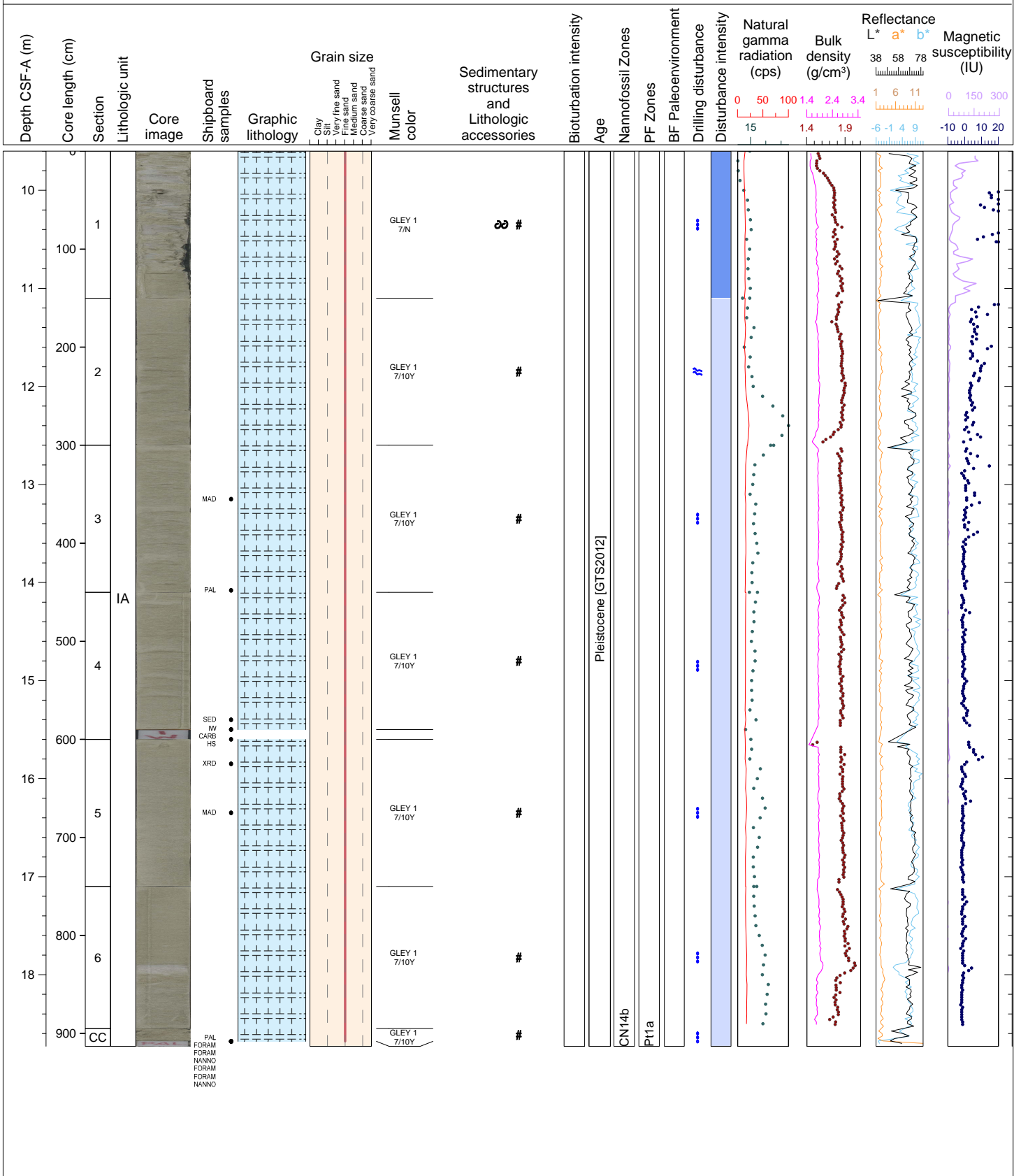
Hole 369-U1515A Core 1R, Interval 0.0-4.86 m (CSF-A)

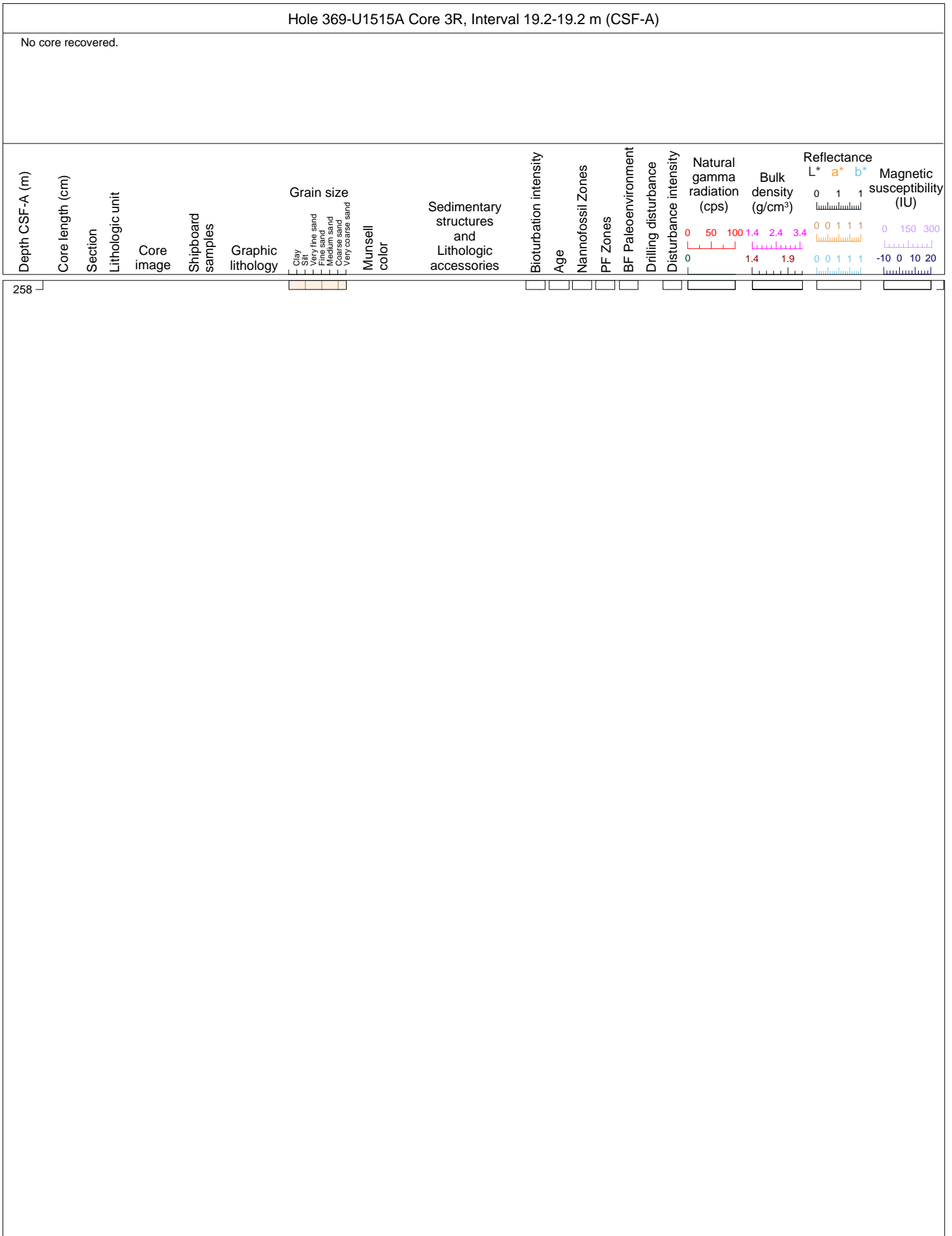
Core 1R is dominated by a light greenish gray (GLEY 1 7/10Y) calcareous ooze with sponge spicules that varies in color (different shades of greenish gray) throughout at irregular intervals. The calcareous ooze is massive, structureless and is not bioturbated. The core exhibits a moderately soupy drilling disturbance.



Hole 369-U1515A Core 2R, Interval 9.6-18.73 m (CSF-A)

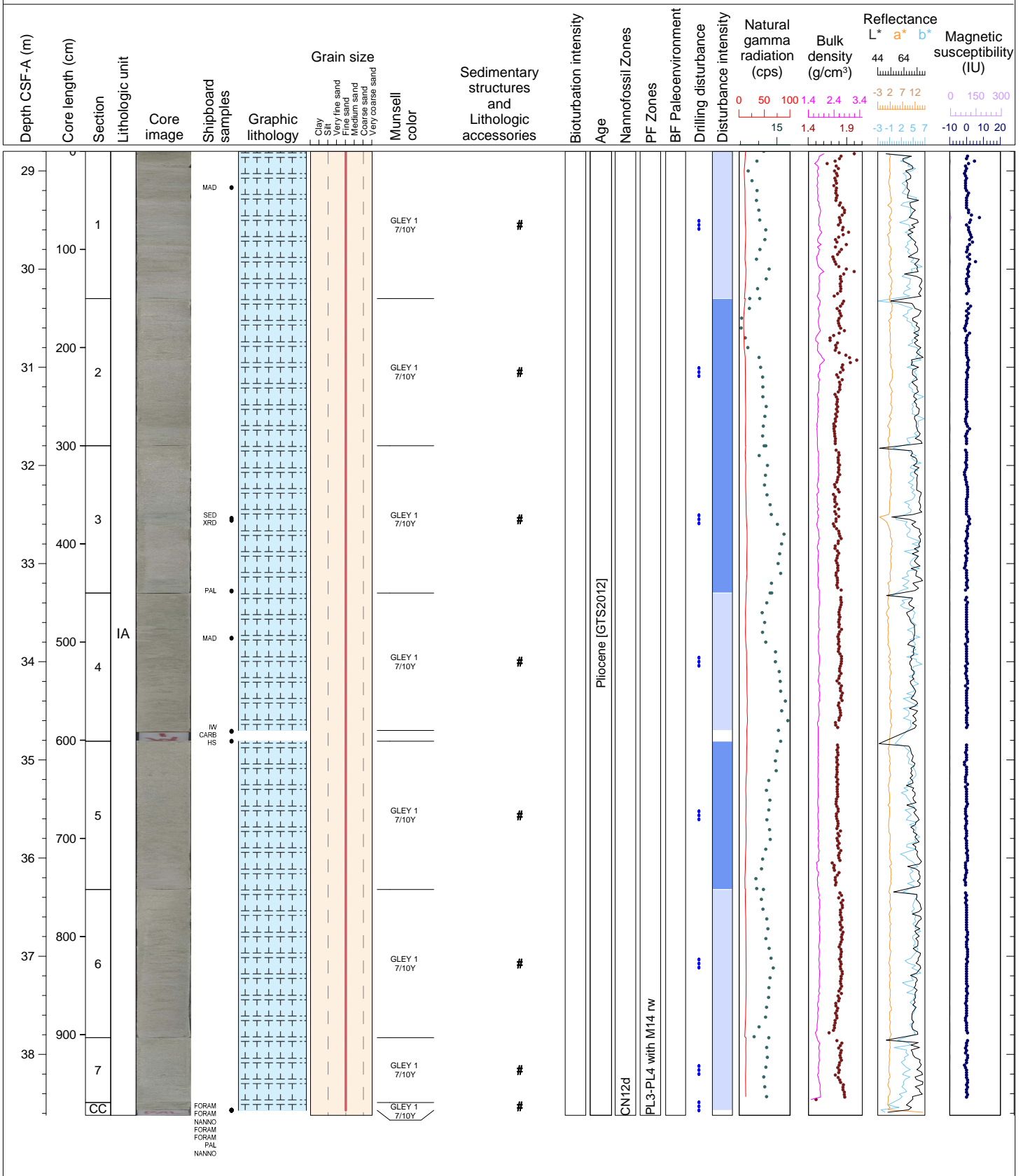
Core 2R is dominated by a light greenish gray (GLE 1 7/10Y) calcareous ooze with sponge spicules. The calcareous ooze is massive, structureless and is not bioturbated. The core exhibits slightly to moderately soupy drilling disturbance.

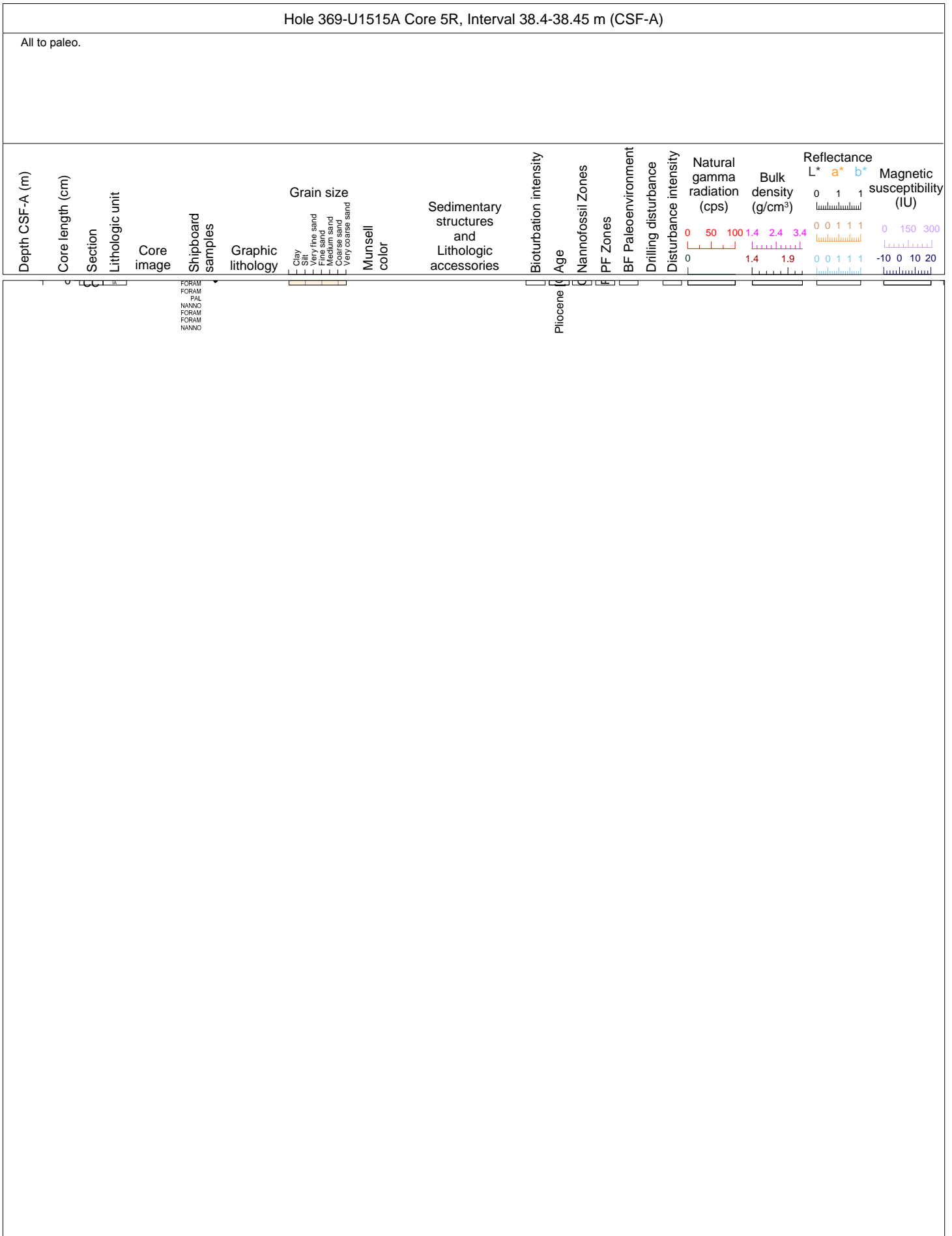




Hole 369-U1515A Core 4R, Interval 28.8-38.62 m (CSF-A)

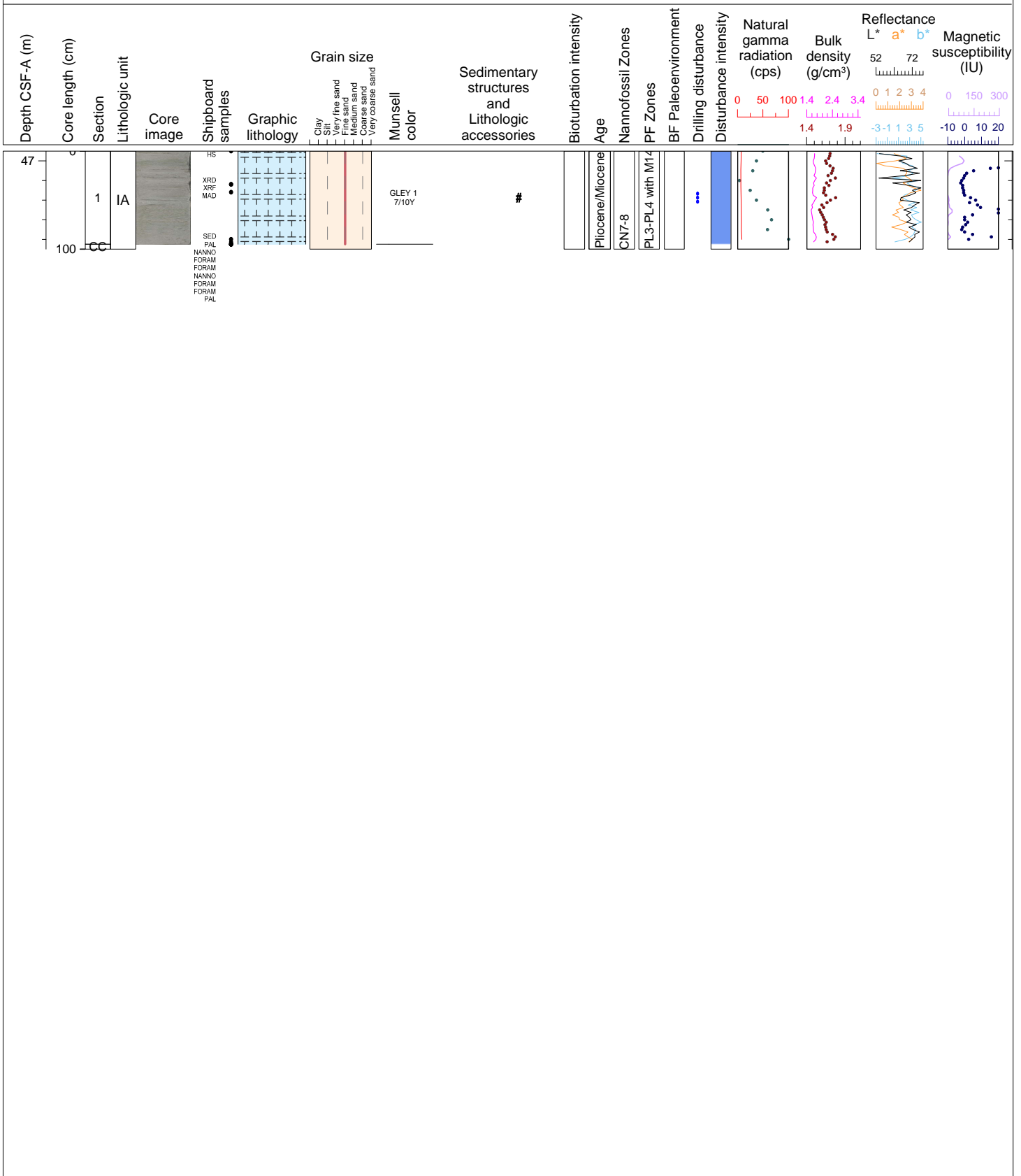
Core 4R is dominated by a light greenish gray (GLEY 1 7/10Y) calcareous ooze. There is a dark greenish streak at 70-77 in Section 3. The calcareous ooze is massive, structureless and is not bioturbated. The core exhibits slightly to moderately soupy drilling disturbance.

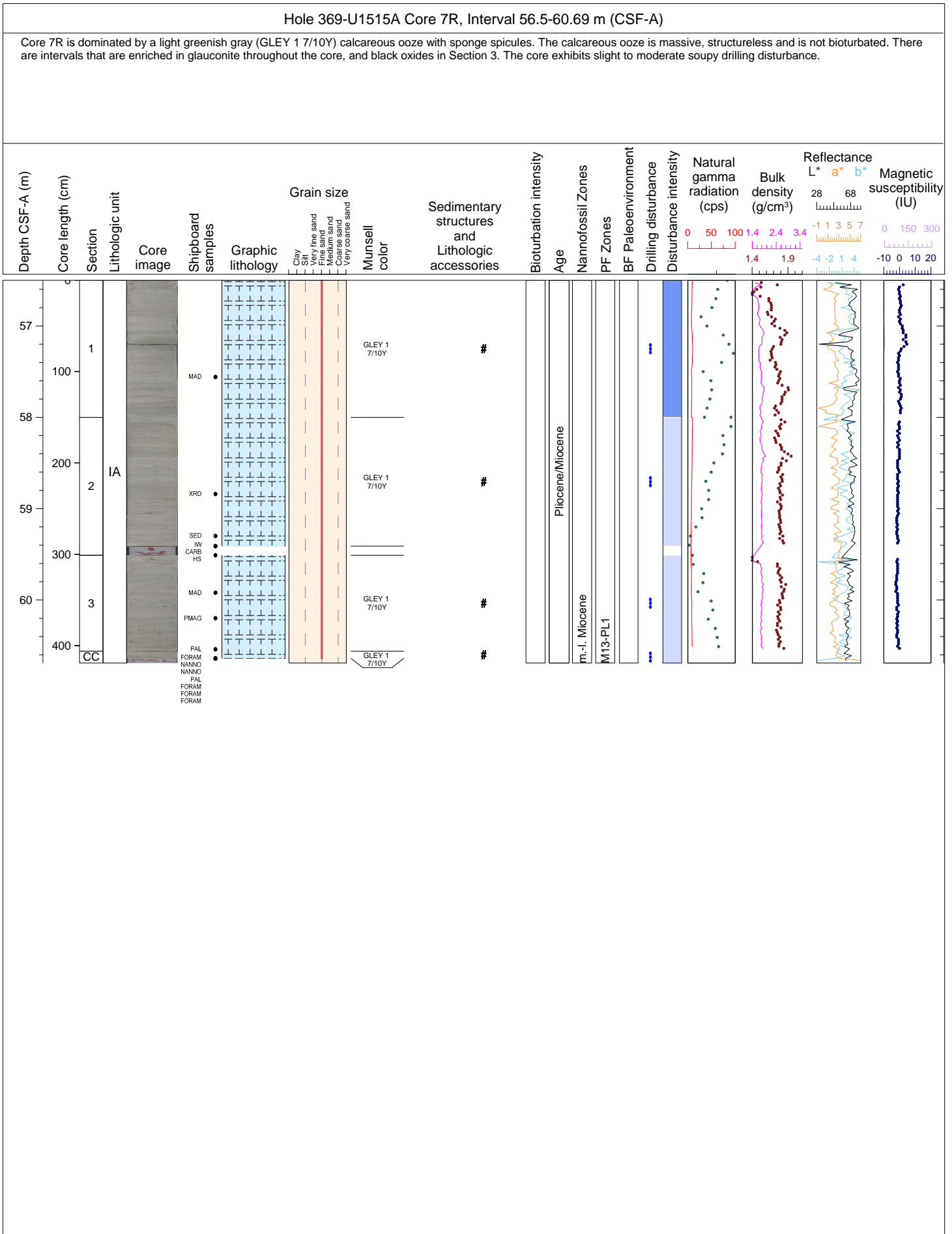


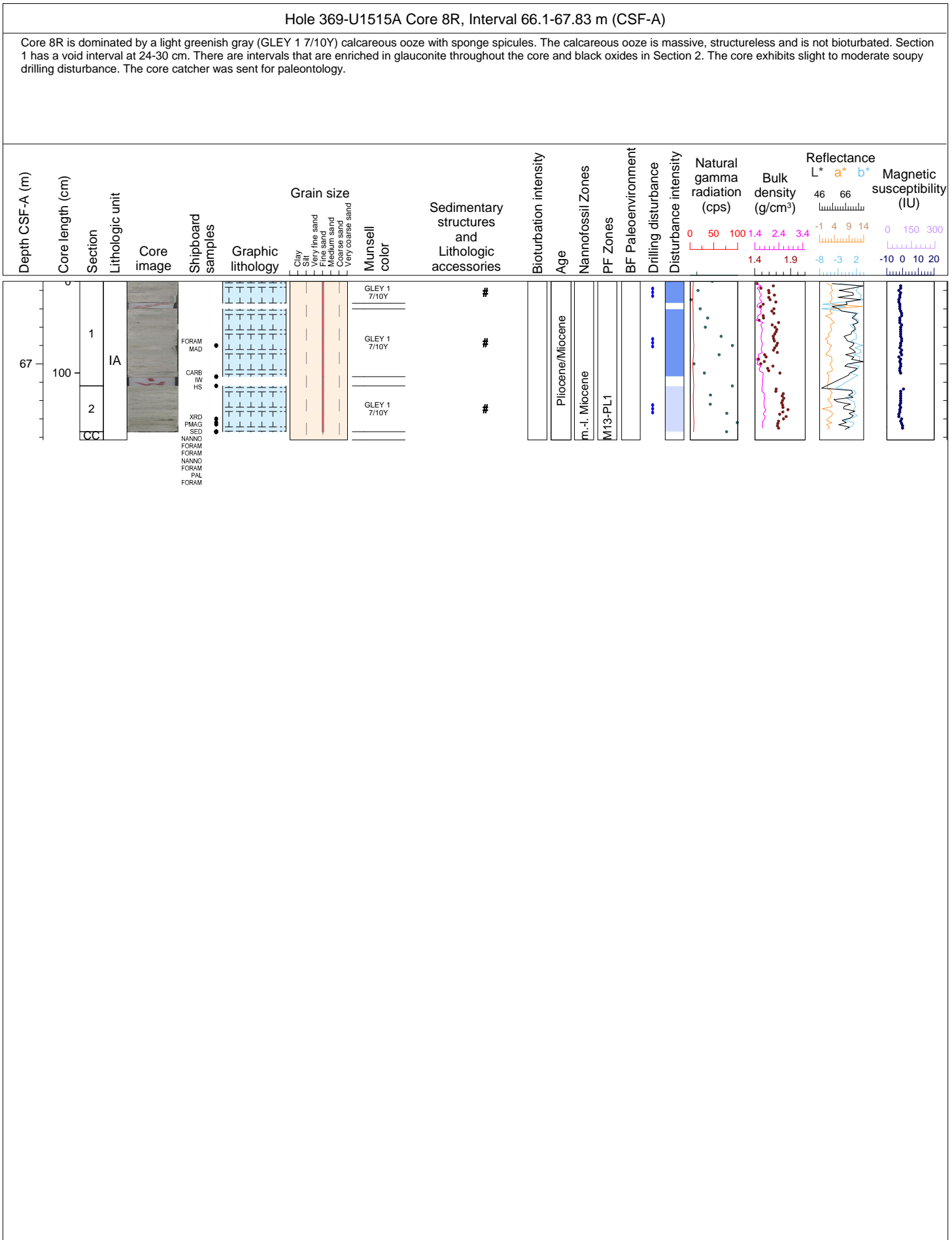


Hole 369-U1515A Core 6R, Interval 46.9-47.9 m (CSF-A)

Core 6R is dominated by a light greenish gray (GLEY 1 7/10Y) calcareous ooze with sponge spicules. The calcareous ooze is massive, structureless and is not bioturbated. In Section 1, there seems to be a high abundance of glauconite. The core exhibits moderately soupy drilling disturbance. The core catcher was sent for paleontology.



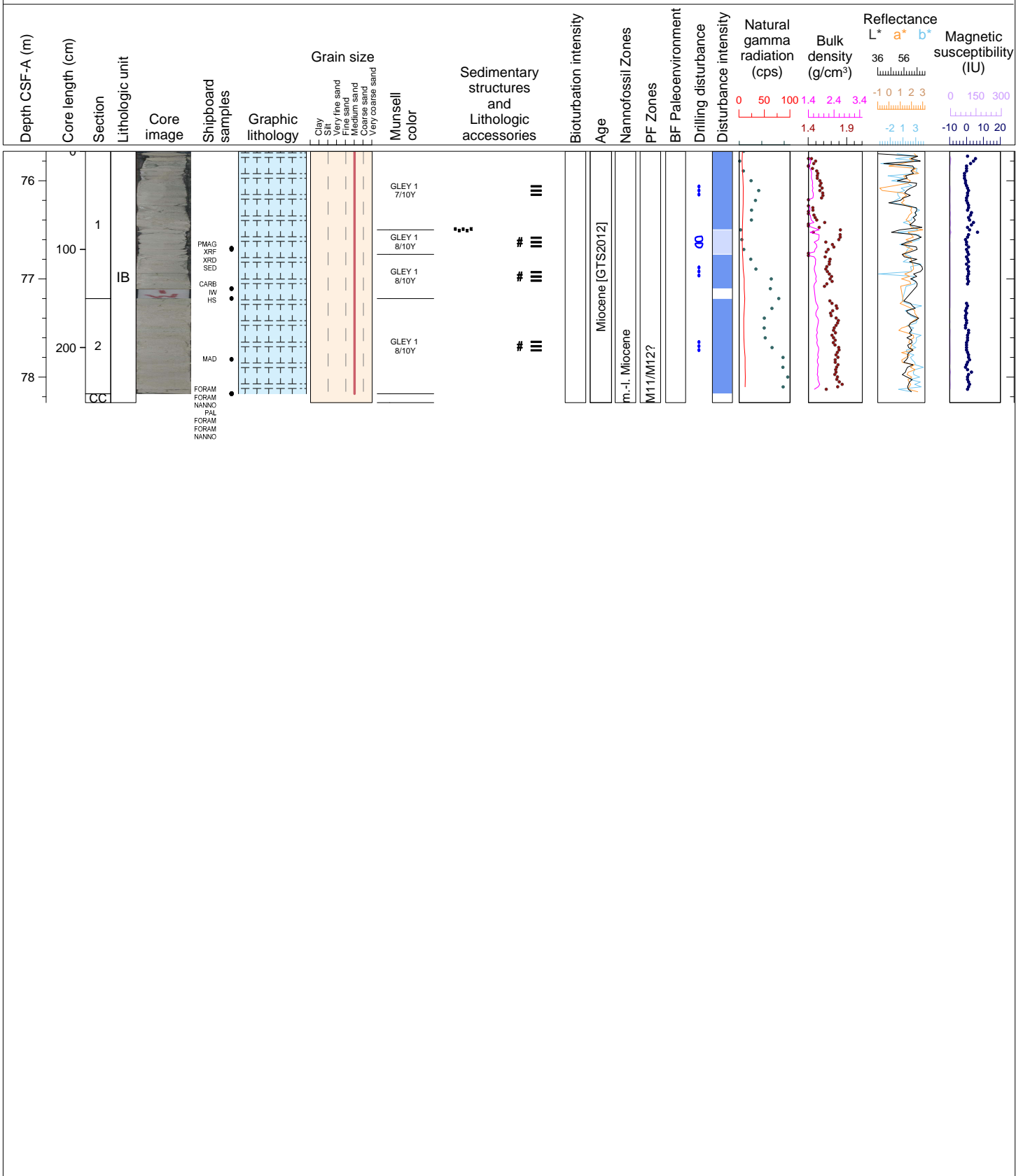






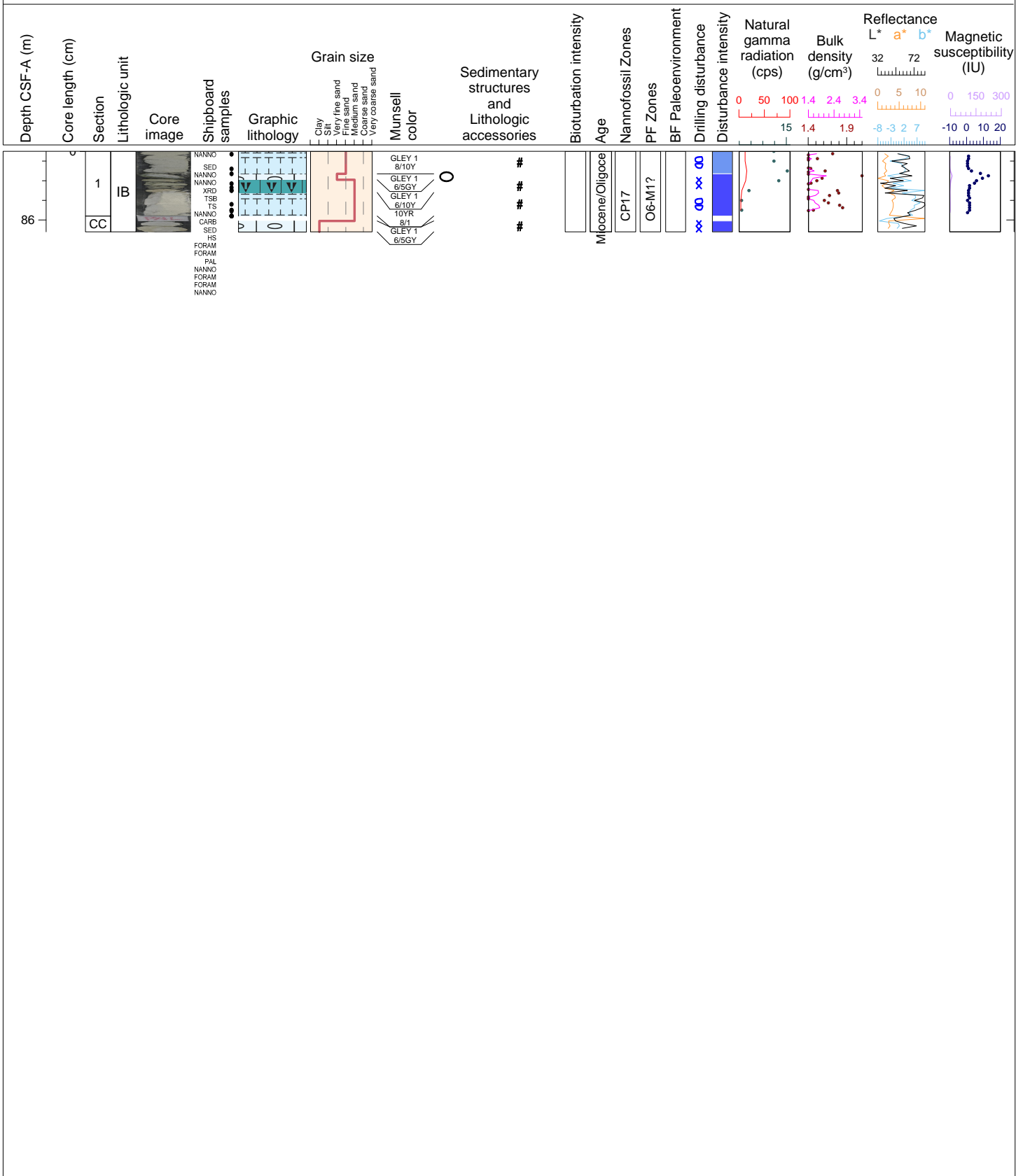
Hole 369-U1515A Core 9R, Interval 75.7-78.26 m (CSF-A)

Core 9R is dominated by a light greenish gray (GLE 1 8/10Y) calcareous chalk with sponge spicules. The calcareous chalk is massive and structureless, however, parallel laminations are present in Section 1 between 34 and 42 cm. There are intervals that are enriched in glauconite throughout the core. The core exhibits a slight biscuit to slight to moderate soupy drilling disturbance. The core catcher was sent for paleontology.



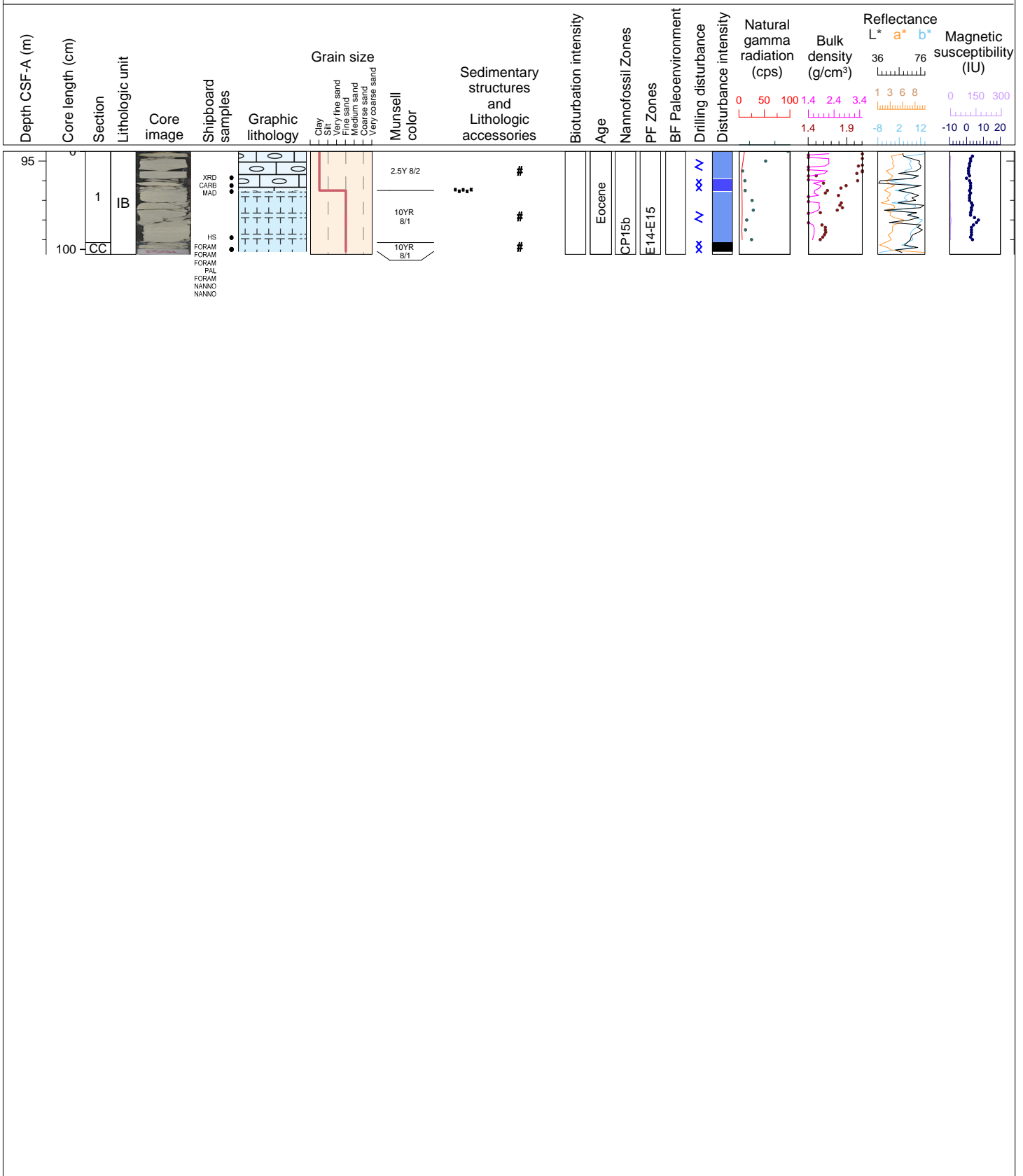
Hole 369-U1515A Core 10R, Interval 85.3-86.12 m (CSF-A)

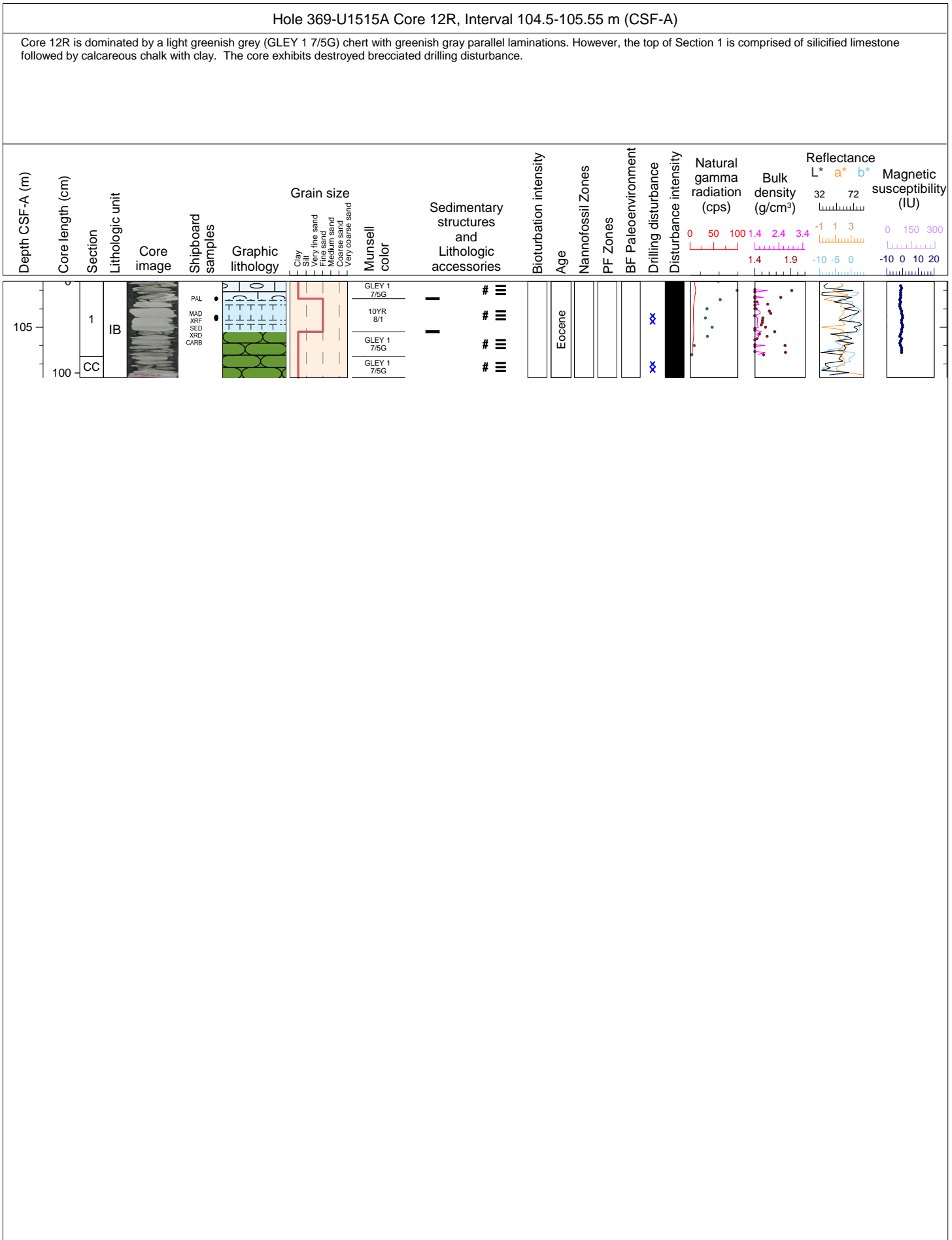
Core 10R is dominated by a light greenish gray (GLEY 1 8/10Y) to white (GLEY1 8/1) calcareous chalk, which is massive and structureless. However, two intervals of greenish grey silicified limestone are present in Section 1 and CC and a thin bed of white bioclastic limestone composed of sponge spicules, forams and shell fragments is also present in section 1. The core exhibits a moderate to severe biscuit to severely brecciated drilling disturbance.

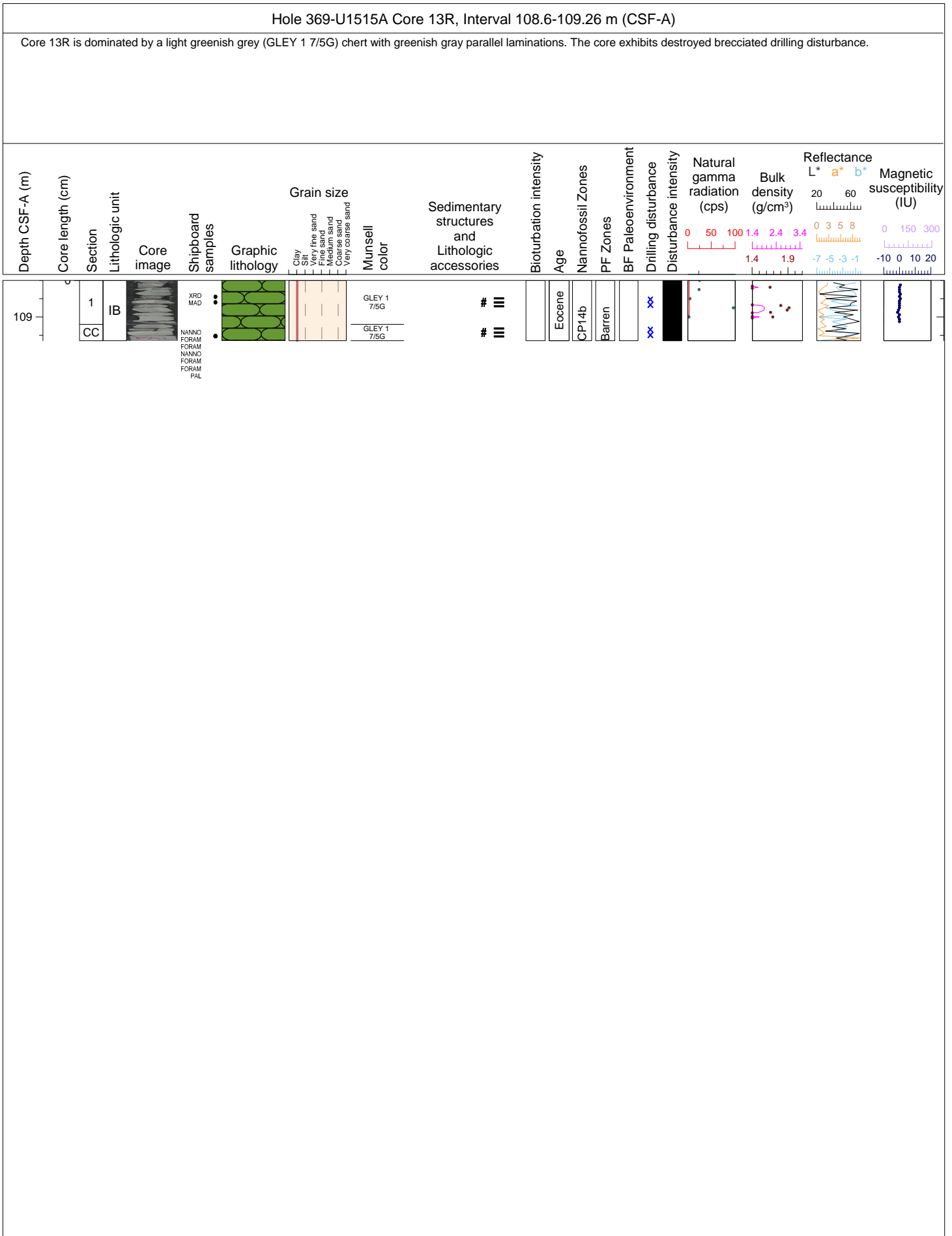


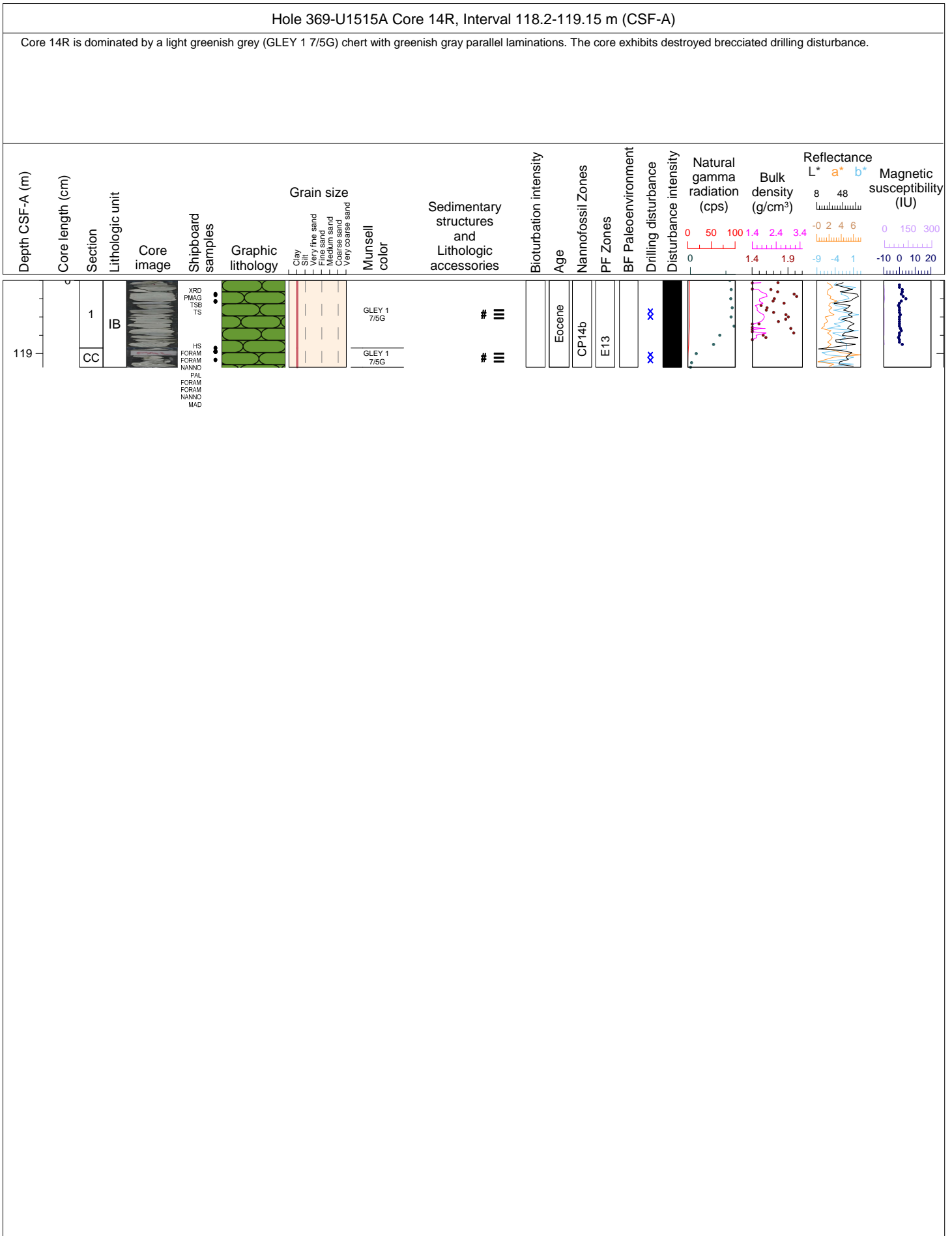
Hole 369-U1515A Core 11R, Interval 94.9-95.95 m (CSF-A)

Core 11R is dominated by a white (GLEY1 8/1) calcareous chalk, which is massive and structureless. However, an interval of pale yellow (2.5Y 8/2) silicified limestone is present at the top of Section 1. The core exhibits a moderate fragmented to severely to destroyed brecciated drilling disturbance.



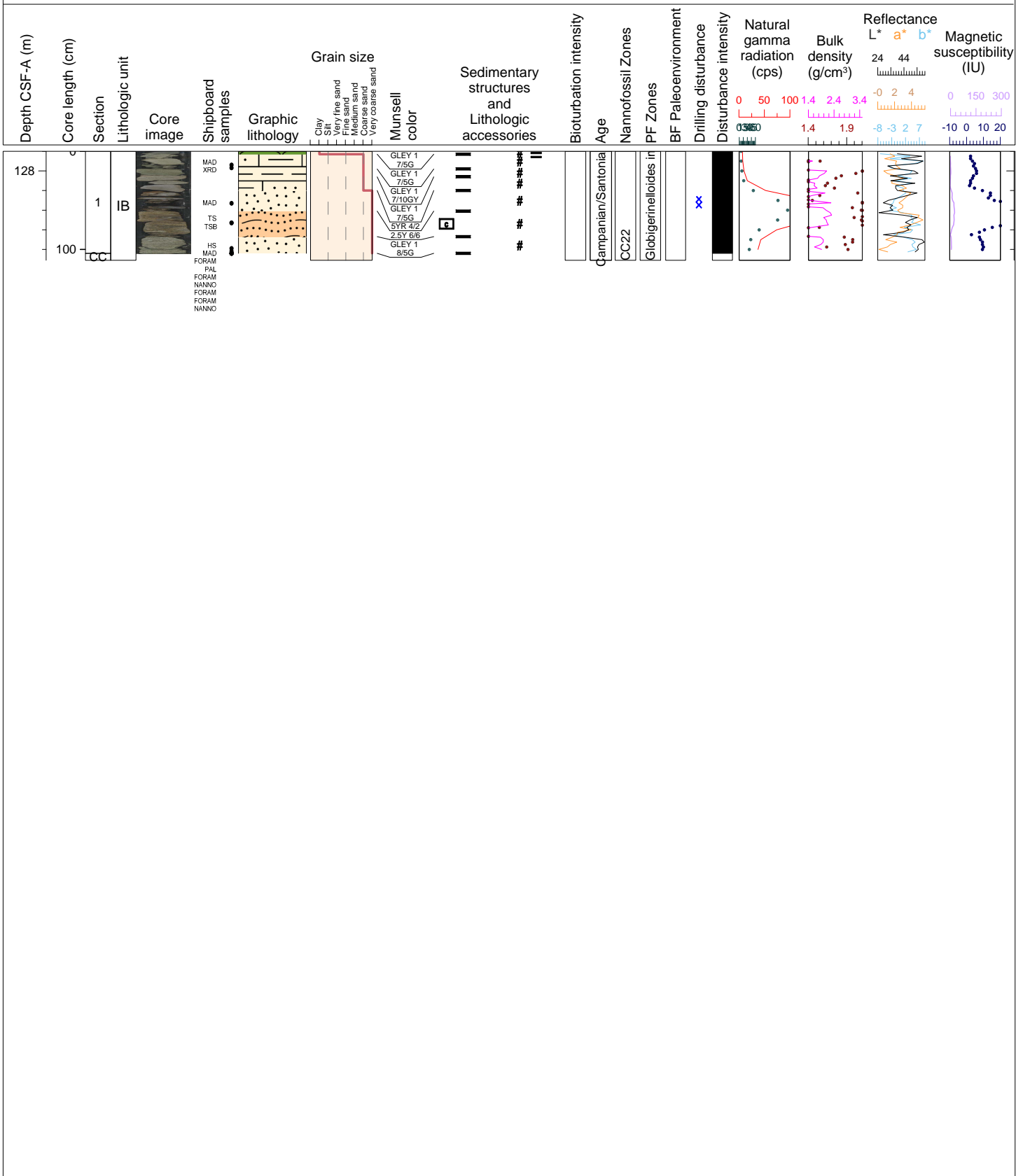


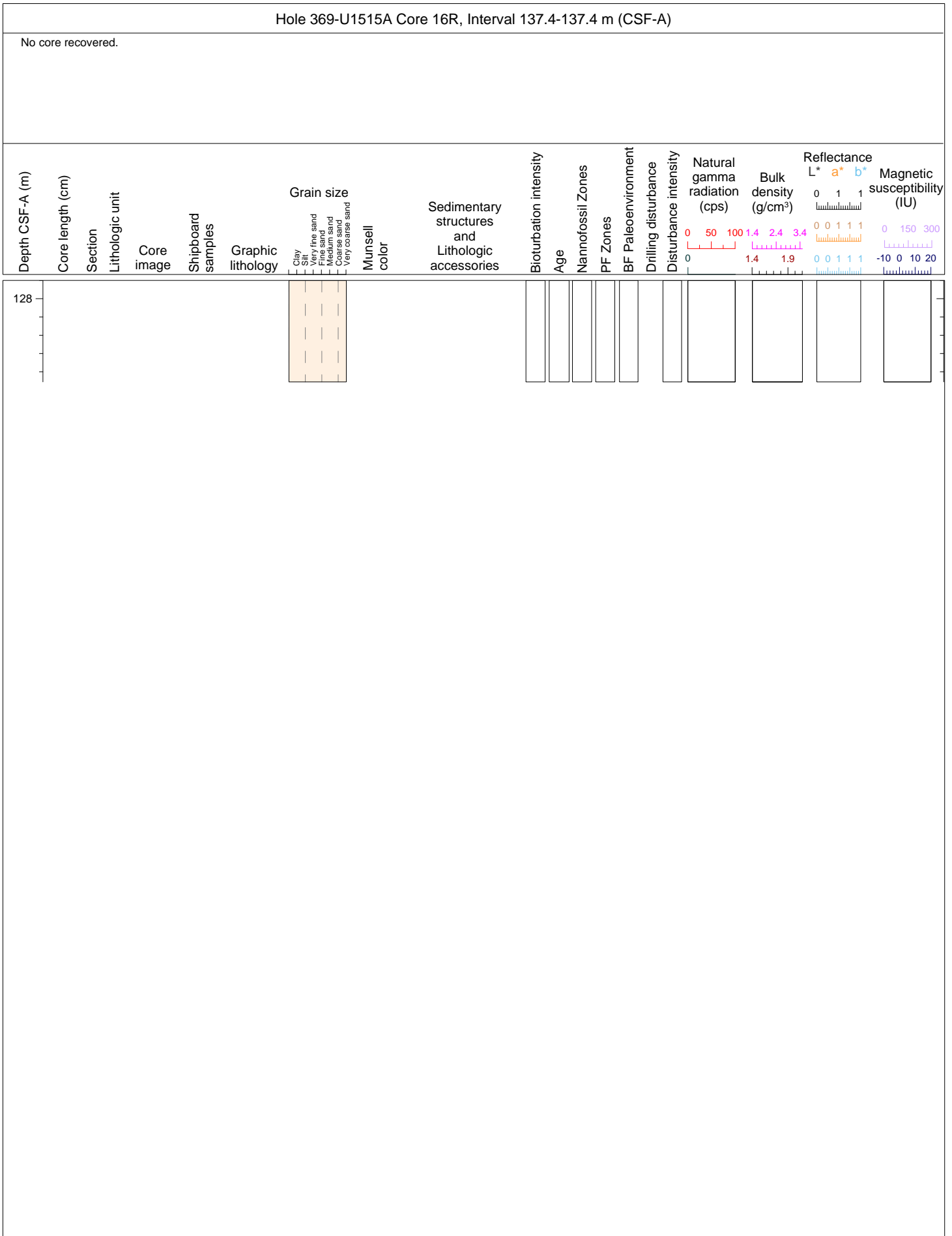




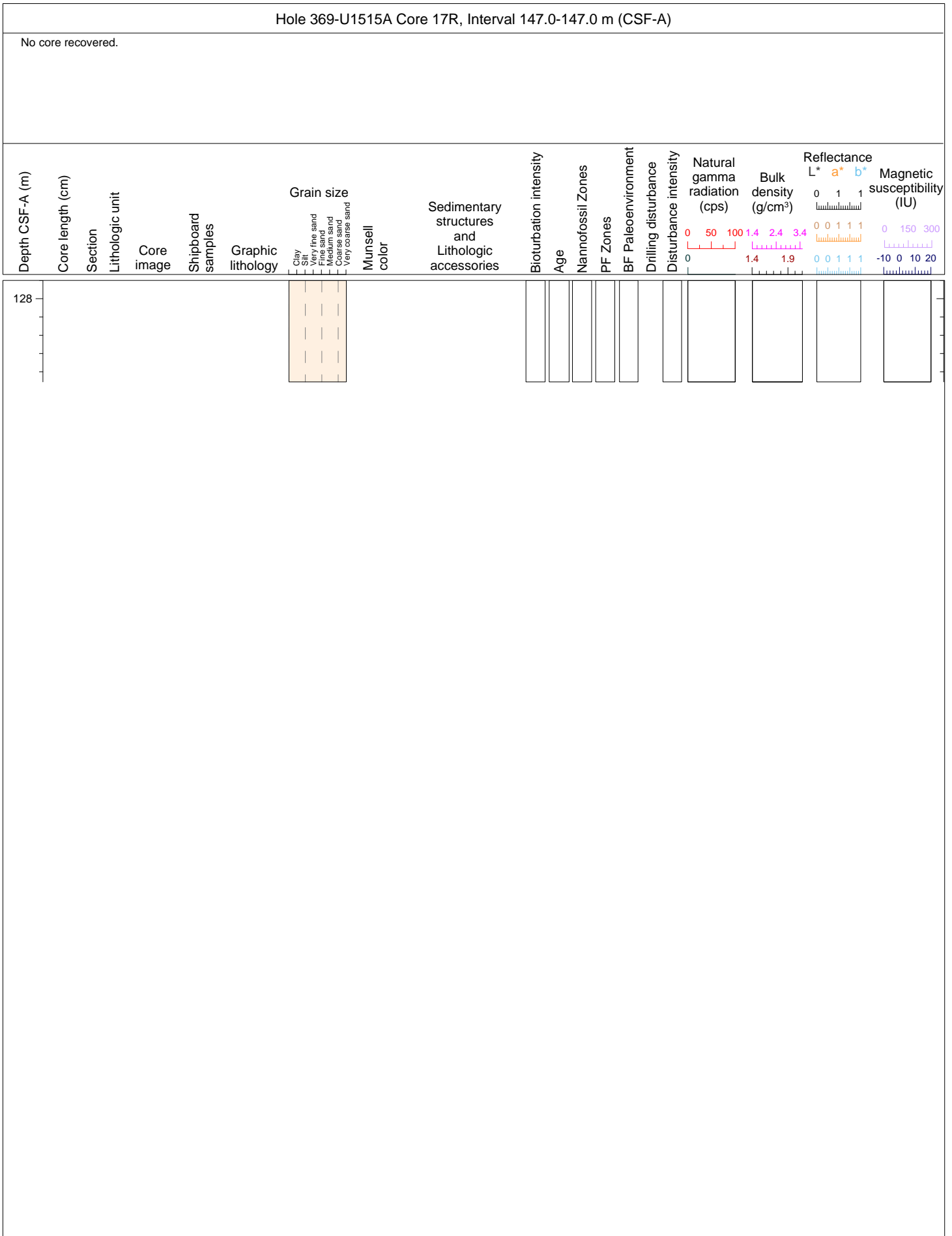
Hole 369-U1515A Core 15R, Interval 127.8-128.91 m (CSF-A)

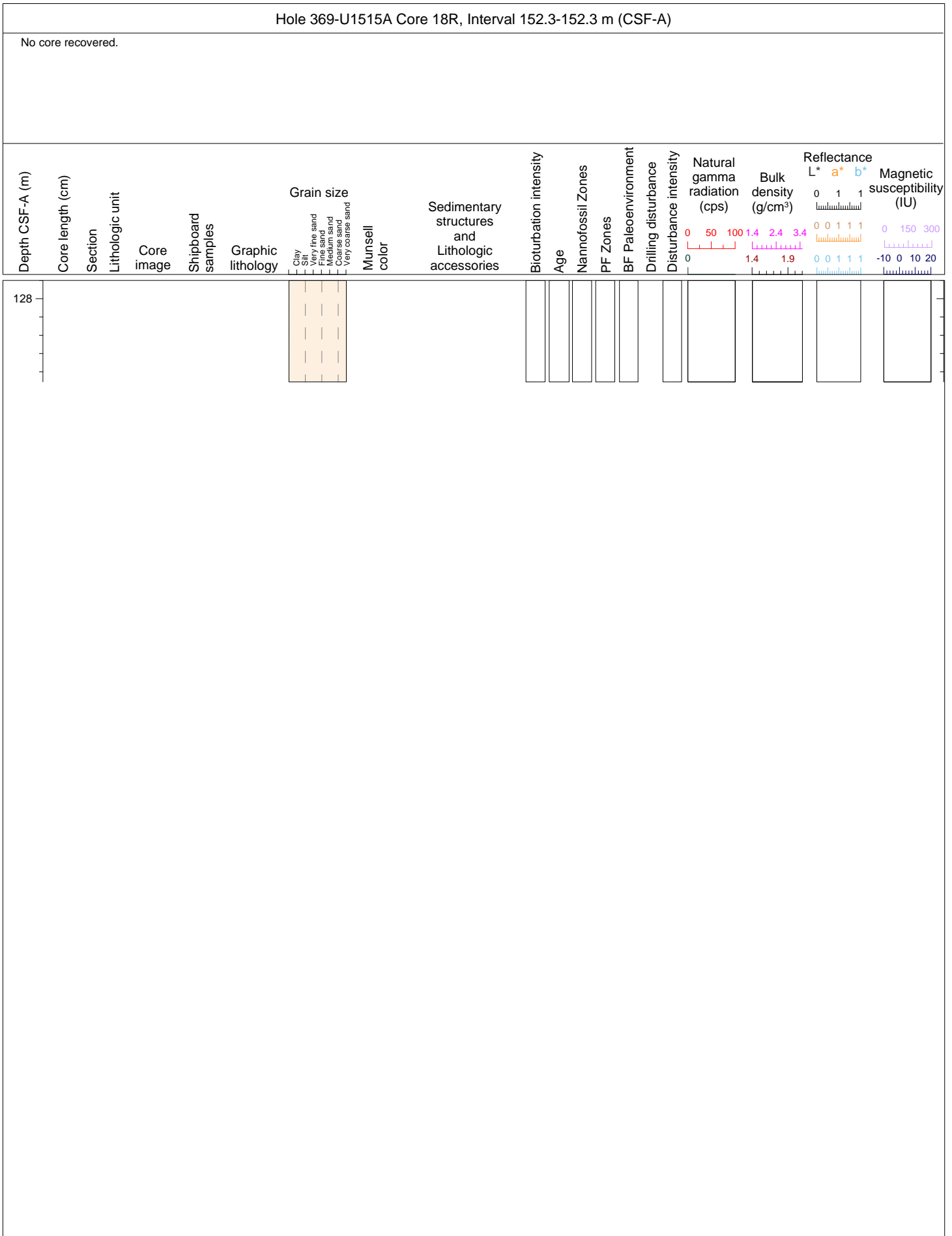
Core 15R is dominated by a light greenish grey (GLEY 1 7/5G) limestone with greenish gray parallel laminations in the upper part; dark yellow sandstone with angular and subangular brown clasts in the middle part; and light greenish grey sandy limestone in the lower part. The core exhibits moderate to destroyed brecciated drilling disturbance.

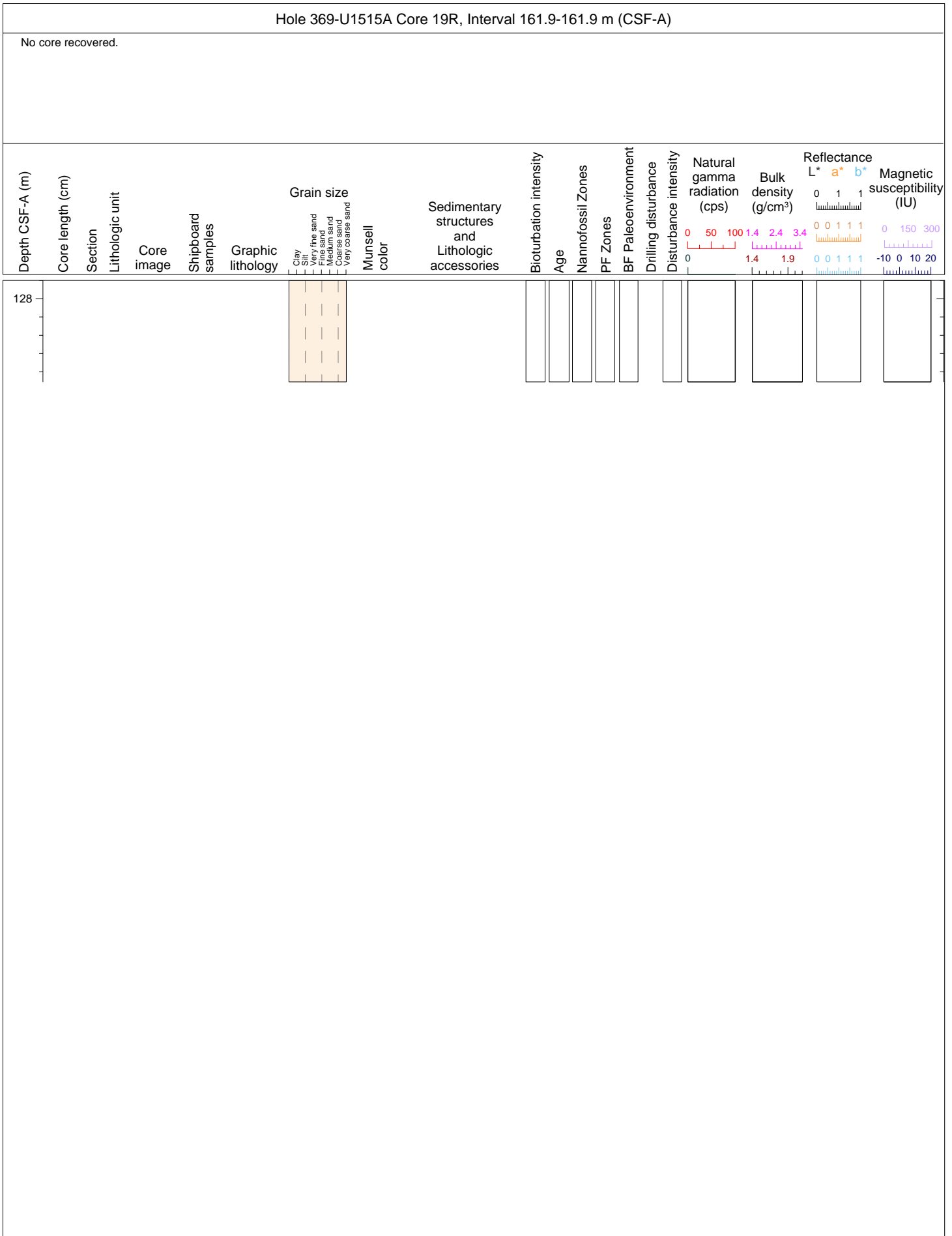


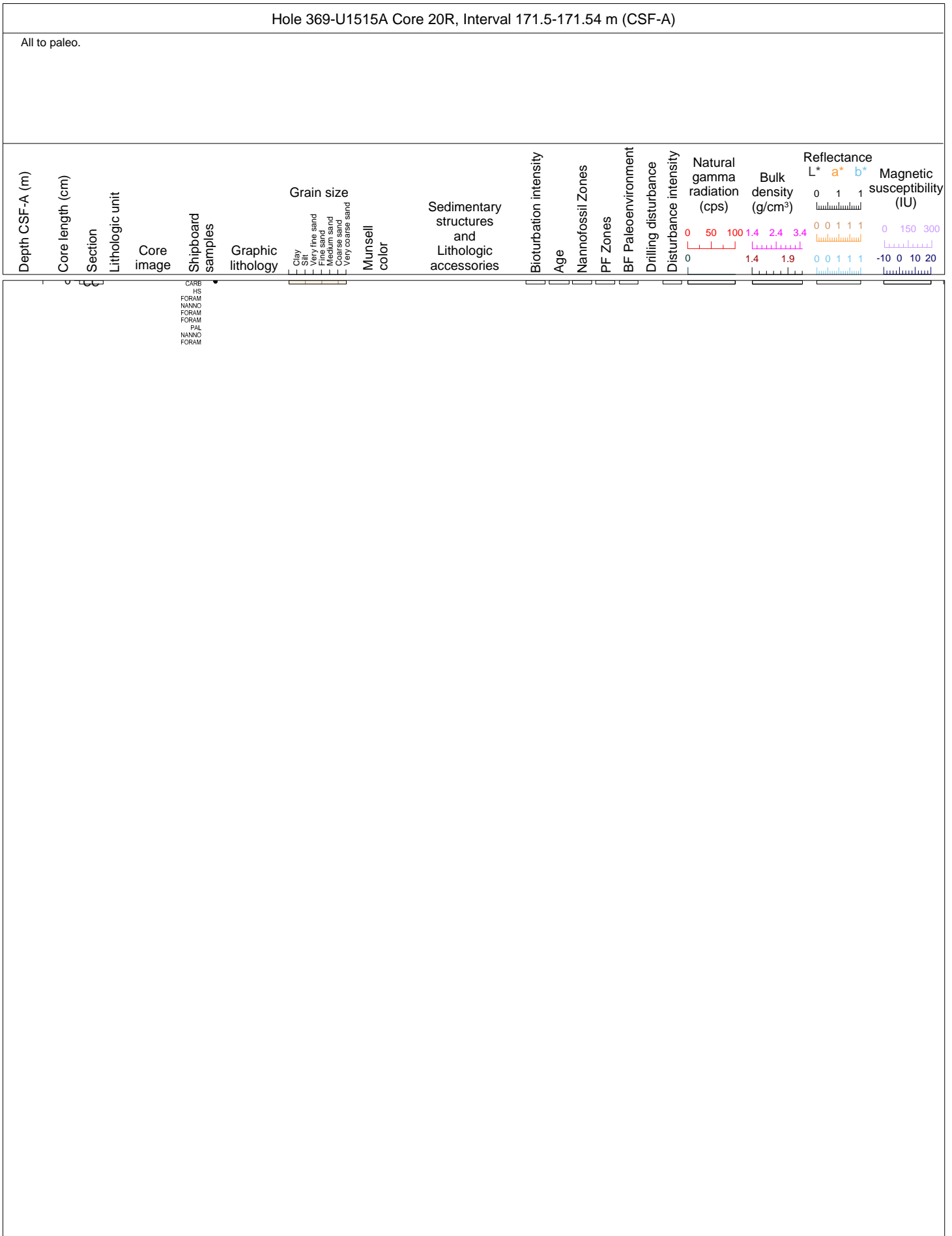






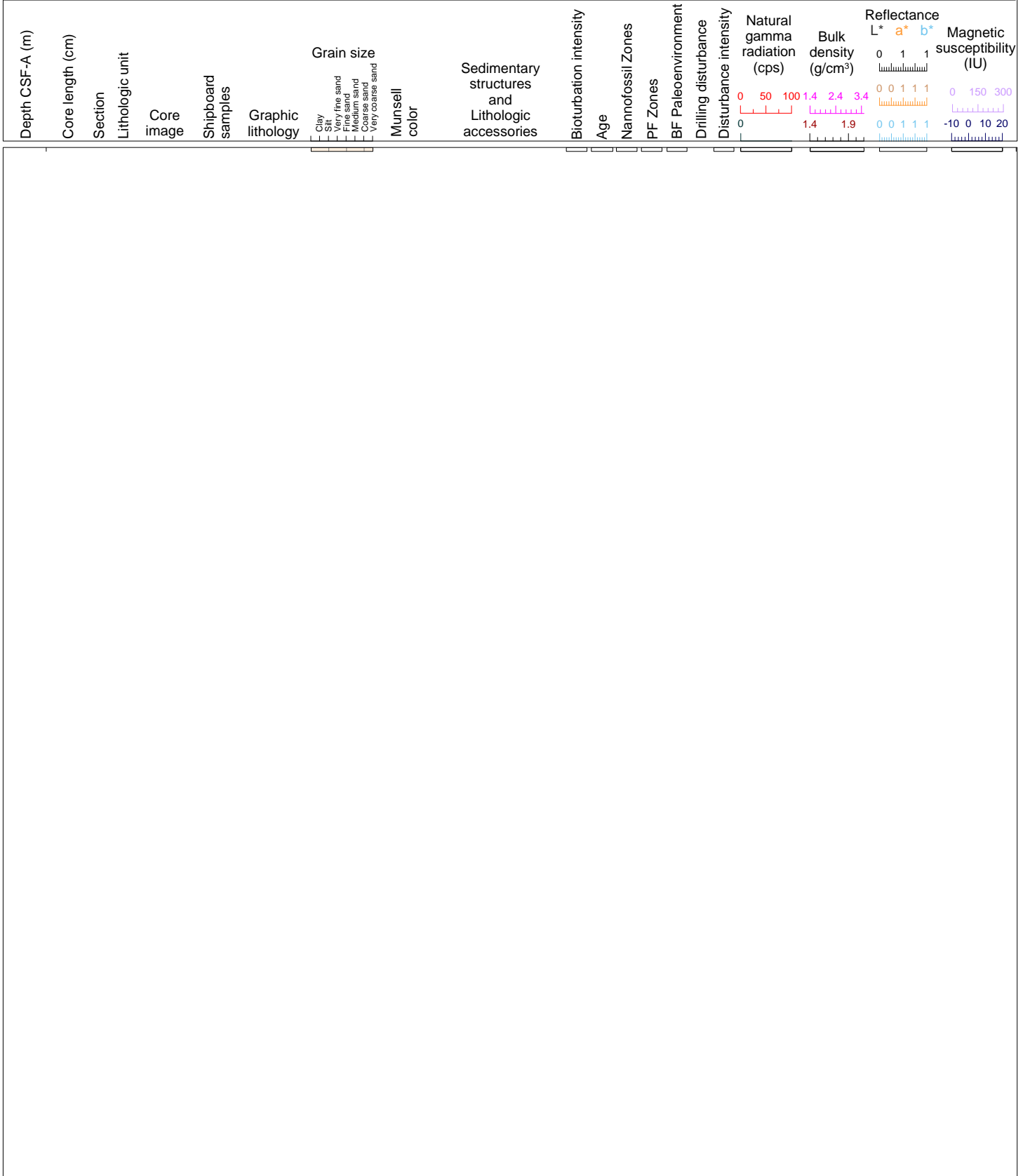


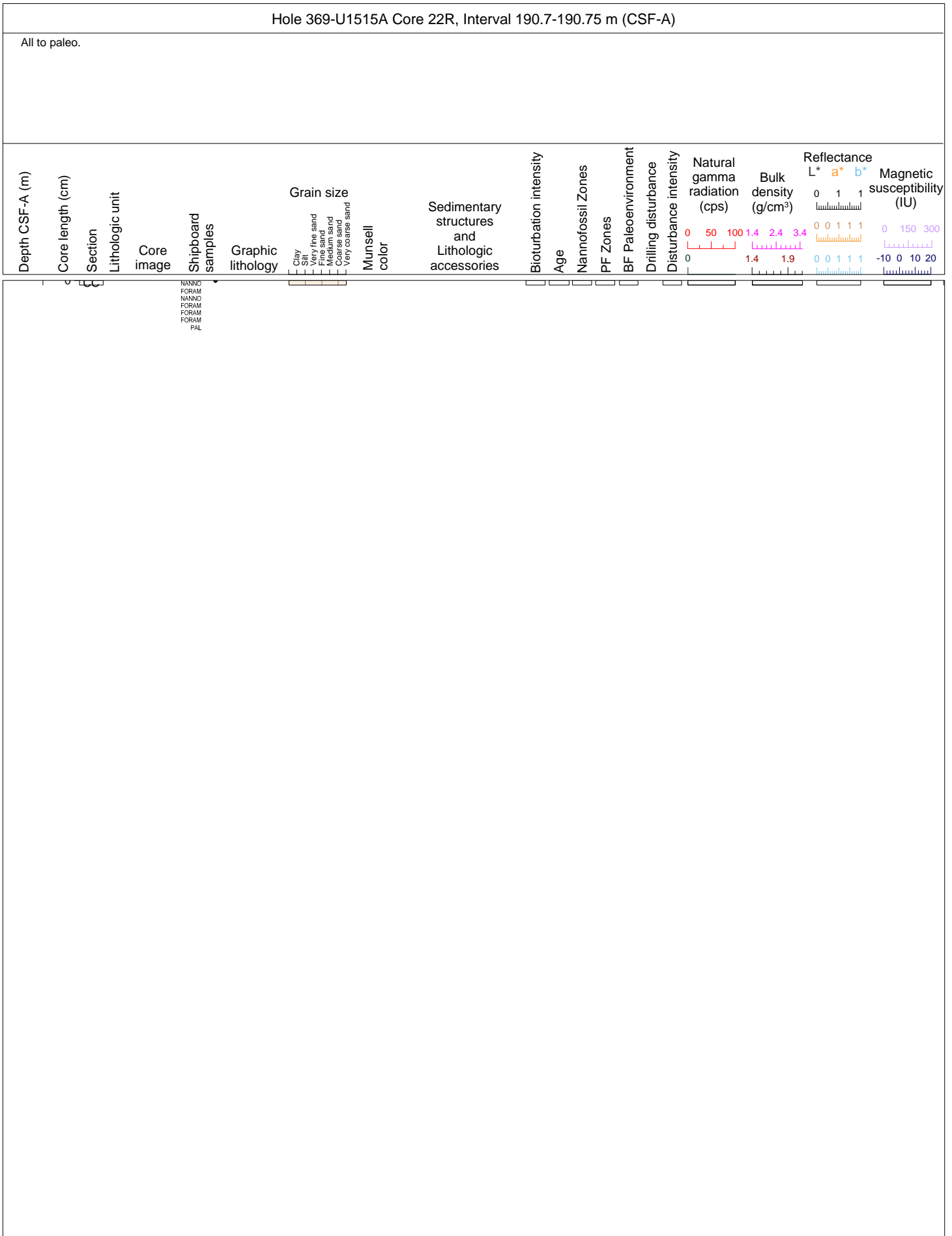




Hole 369-U1515A Core 21R, Interval 181.1-181.1 m (CSF-A)

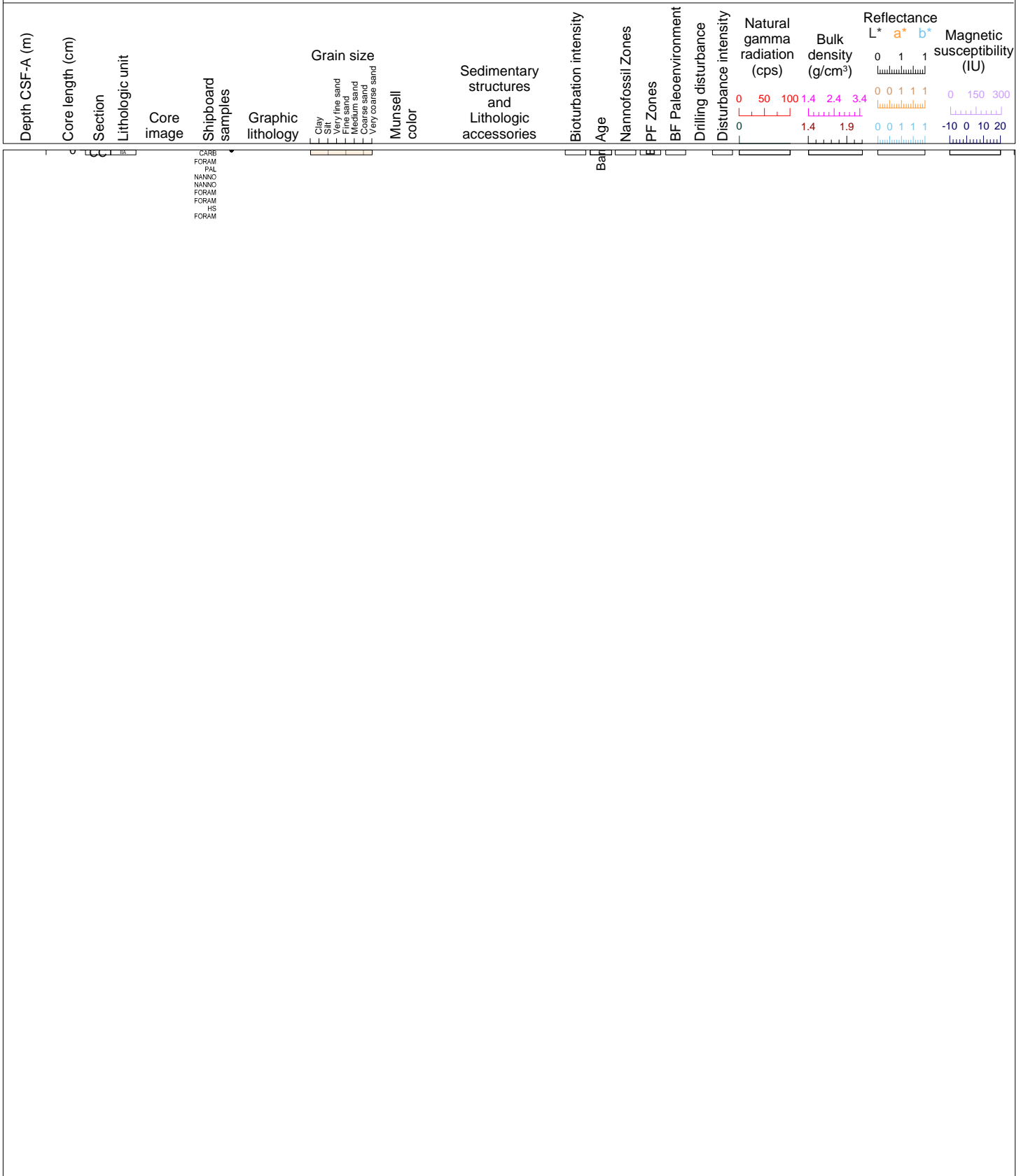
No core recovered.

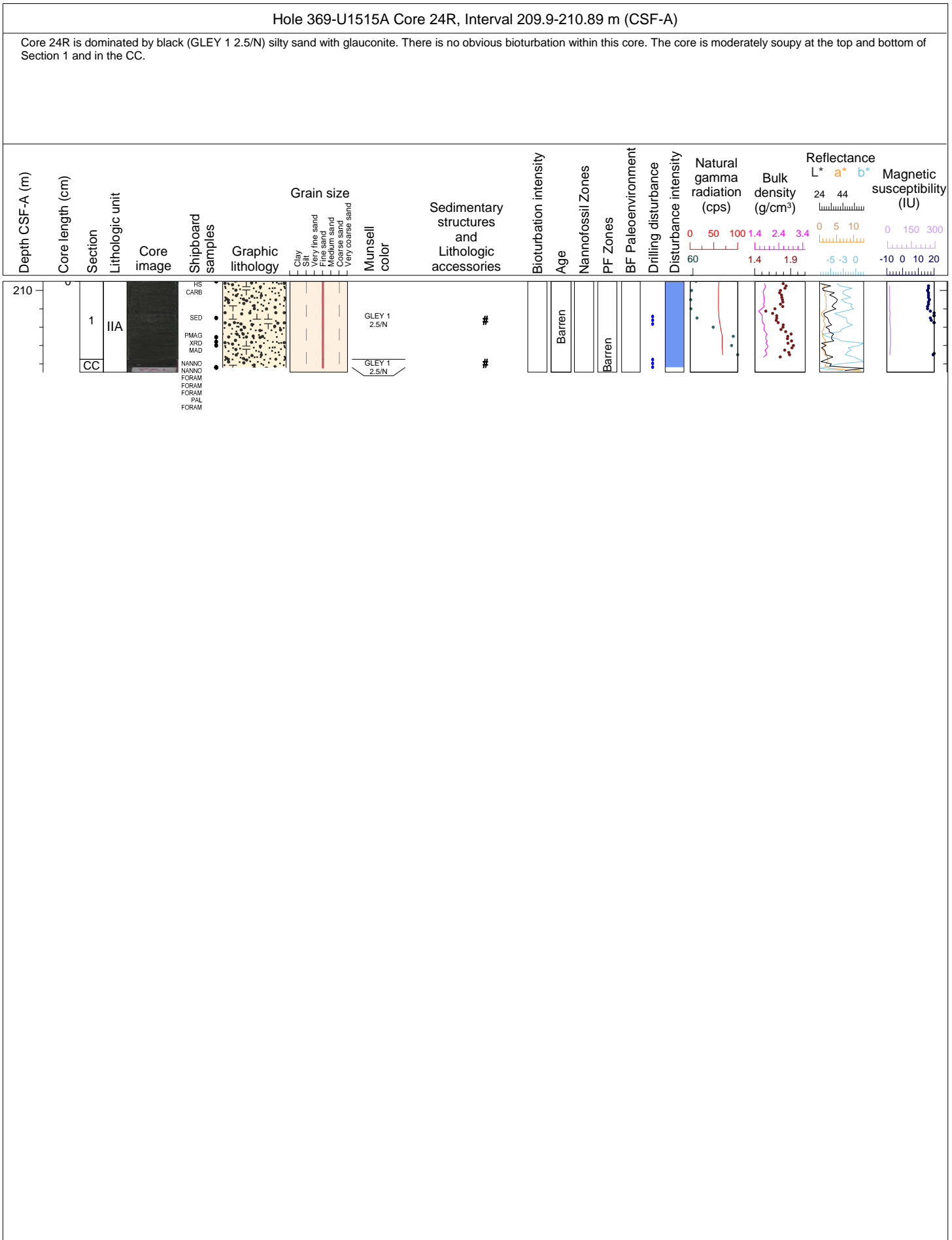




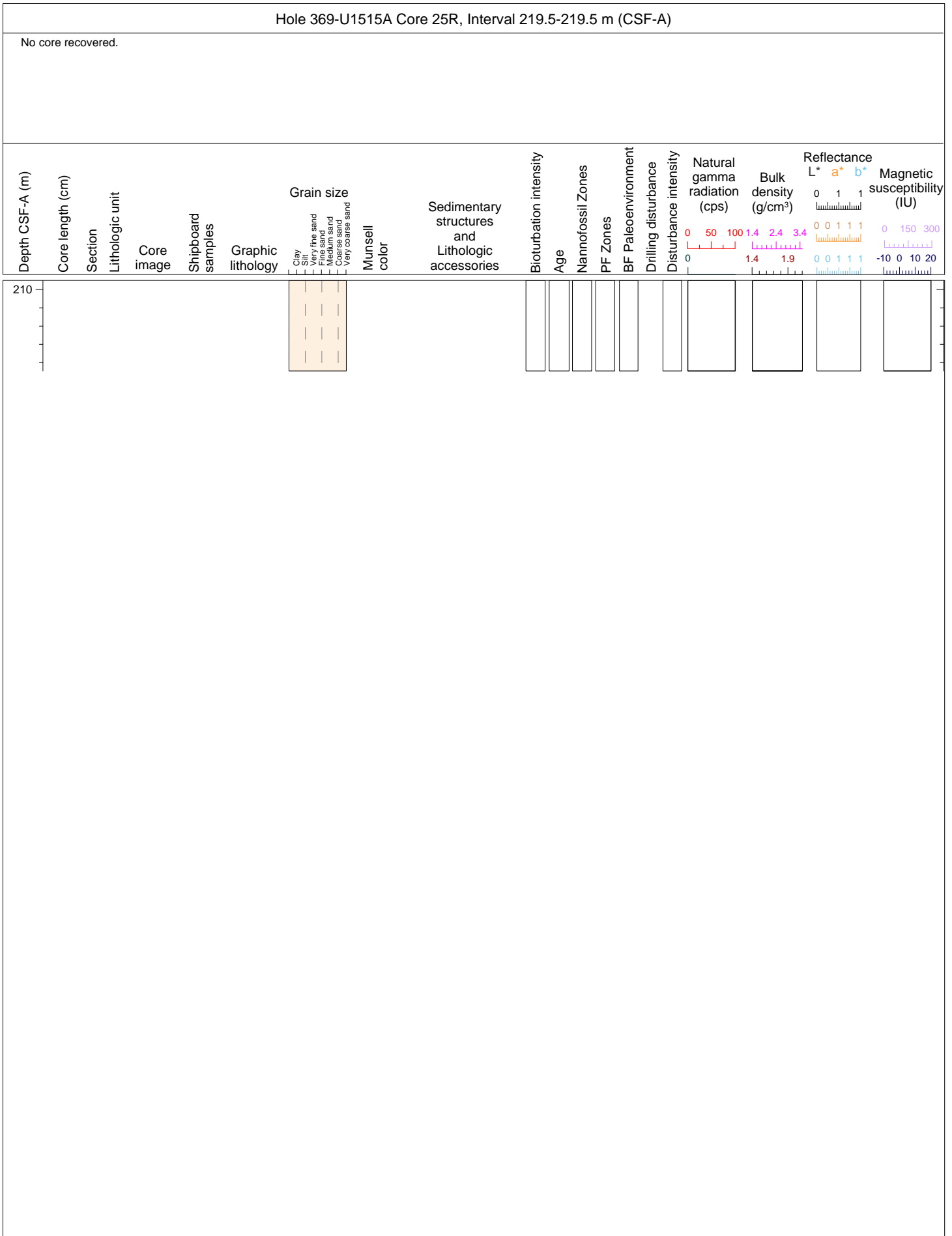
Hole 369-U1515A Core 23R, Interval 200.3-200.35 m (CSF-A)

Core 23R consisted only of a pyrite nodule in the CC.





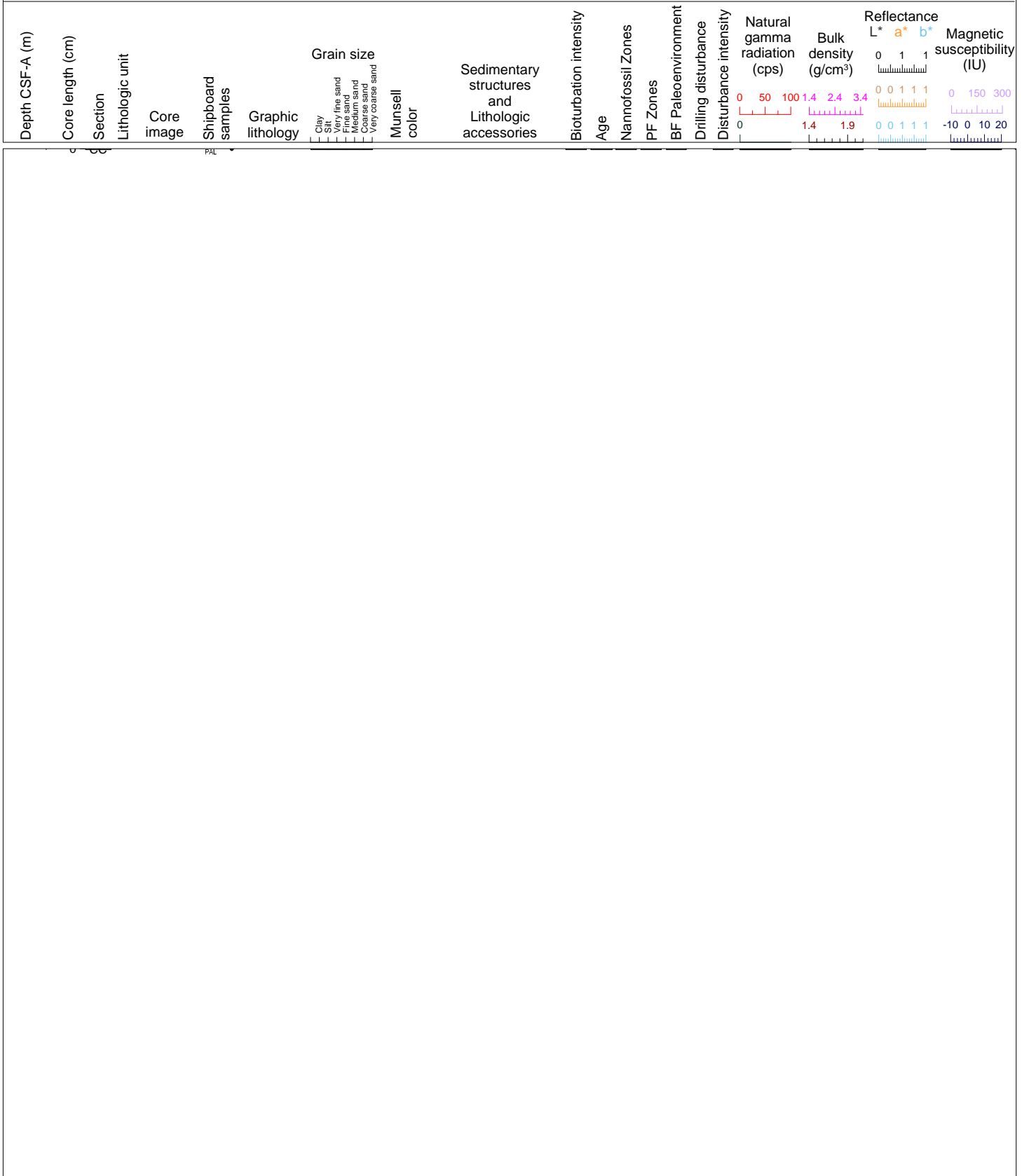






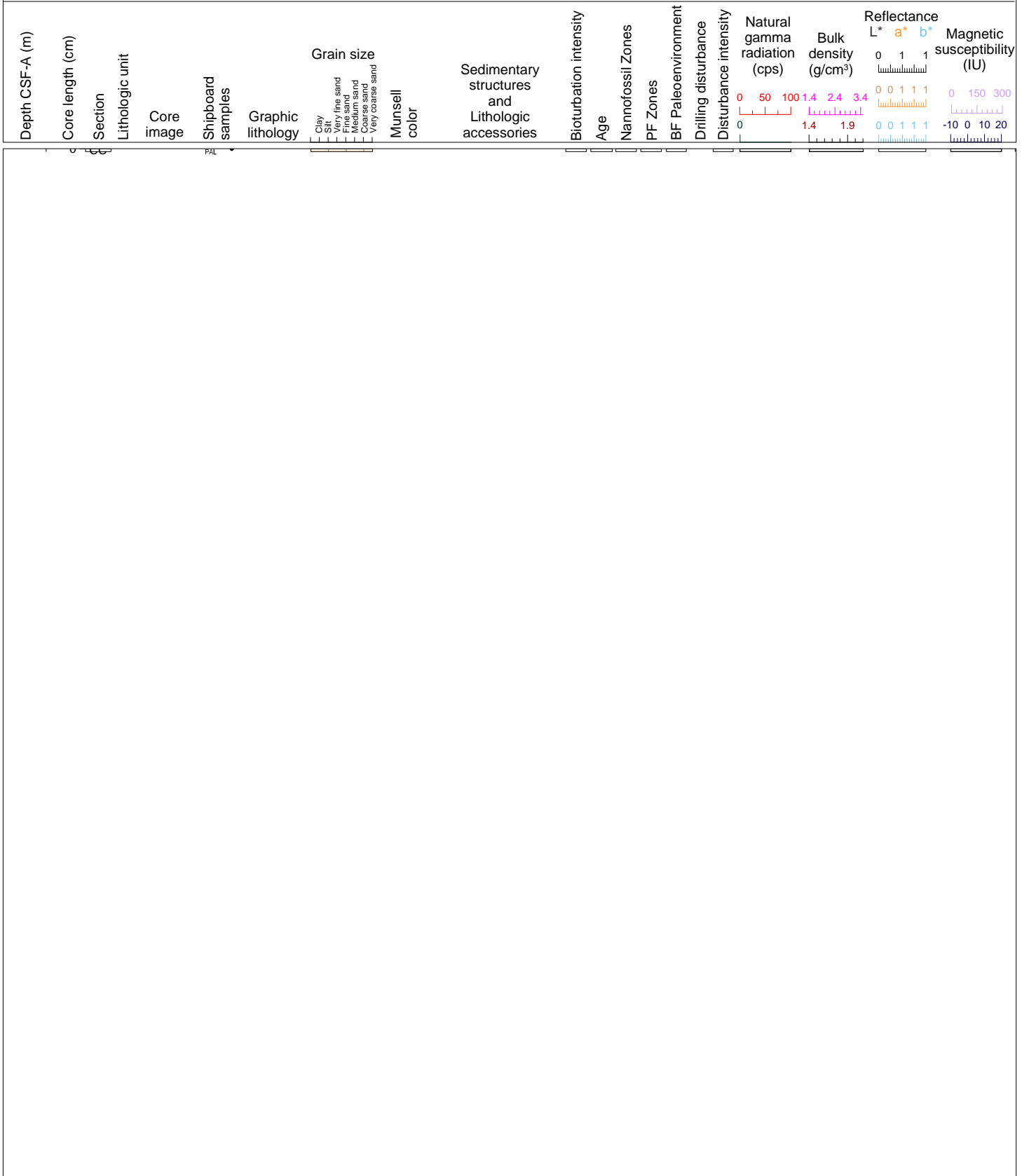
Hole 369-U1515A Core 27R, Interval 238.7-238.71 m (CSF-A)

All to paleo.

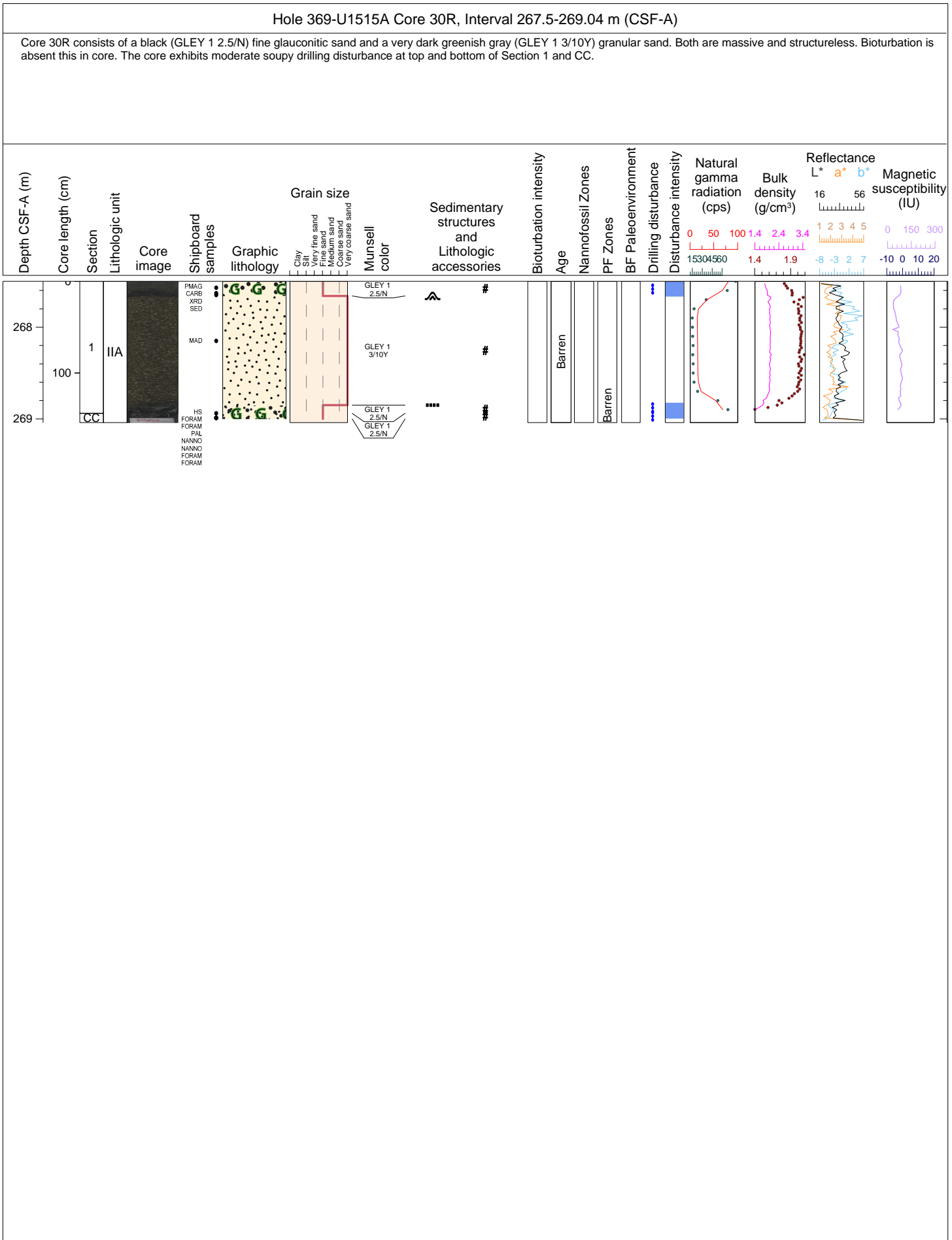


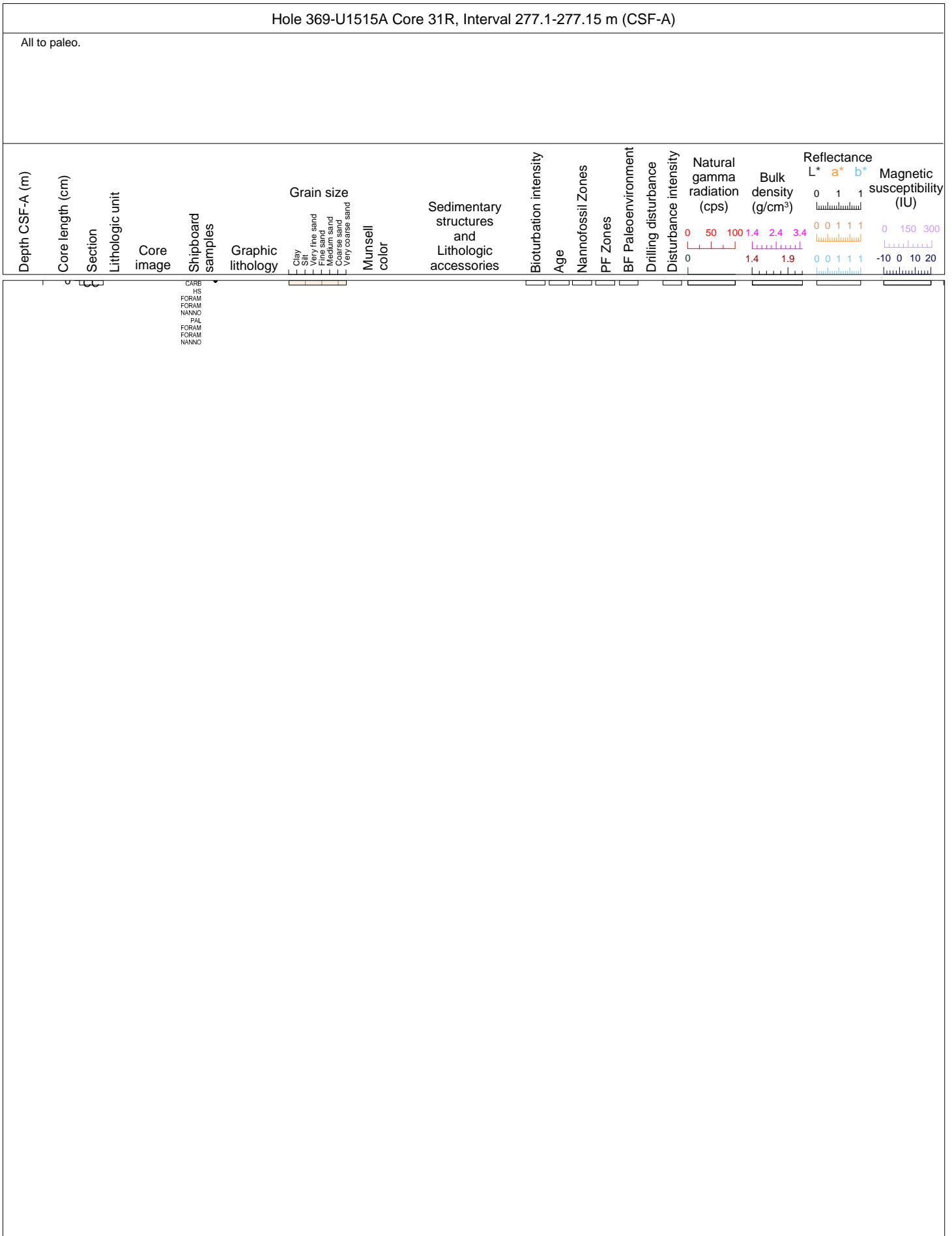
Hole 369-U1515A Core 28R, Interval 248.3-248.33 m (CSF-A)

All to paleo.



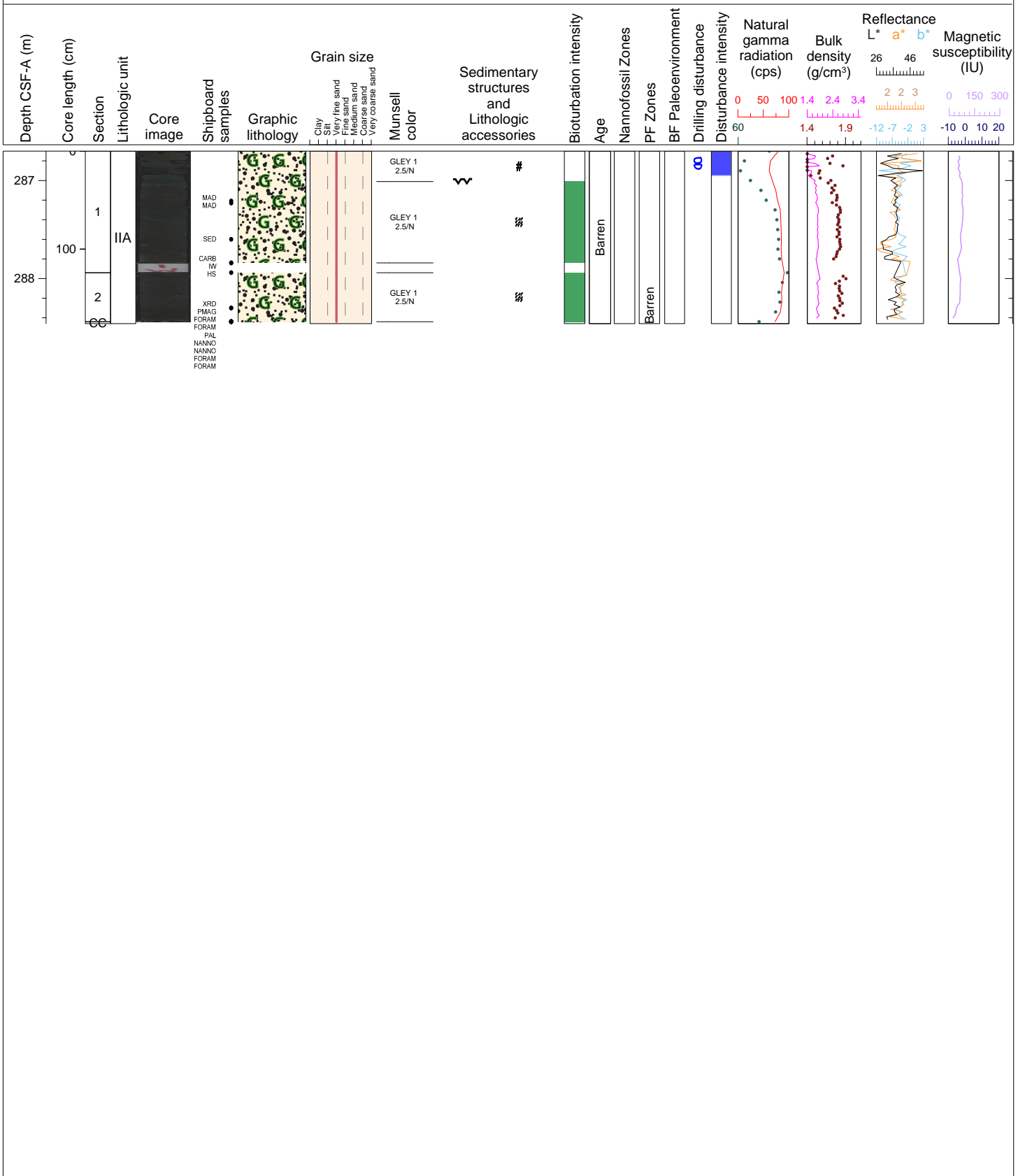






Hole 369-U1515A Core 32R, Interval 286.7-288.46 m (CSF-A)

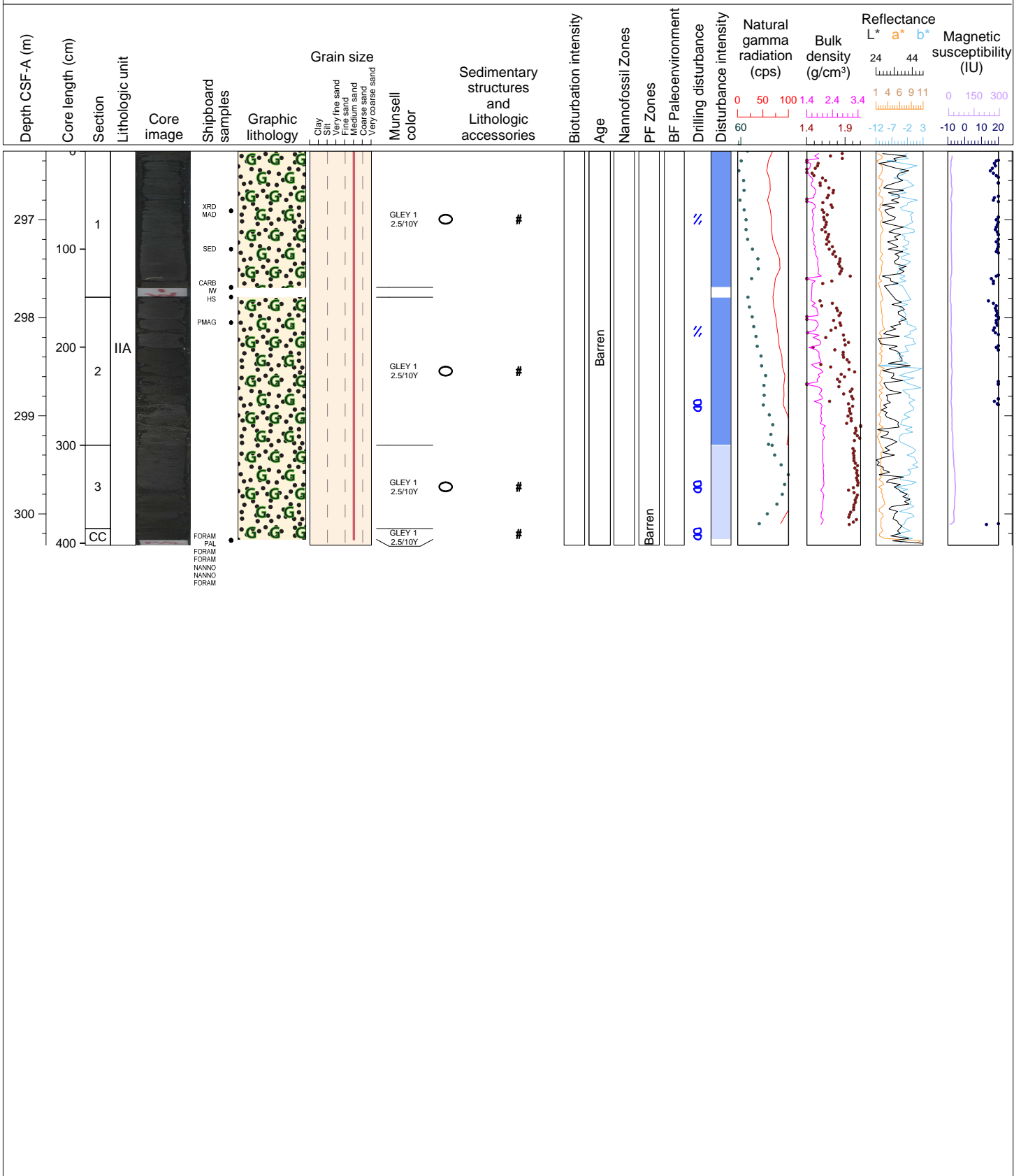
Core 32R consists of a black (GLEY 1 2.5/N) glauconitic silty sandstone. Except for the first 32 cm of the section 1, which is massive and structureless without any bioturbation, the rest of the core is mottled and exhibits moderate bioturbation. Disseminated pyrite is present throughout. The core is severely biscuited at the top of Section 1.

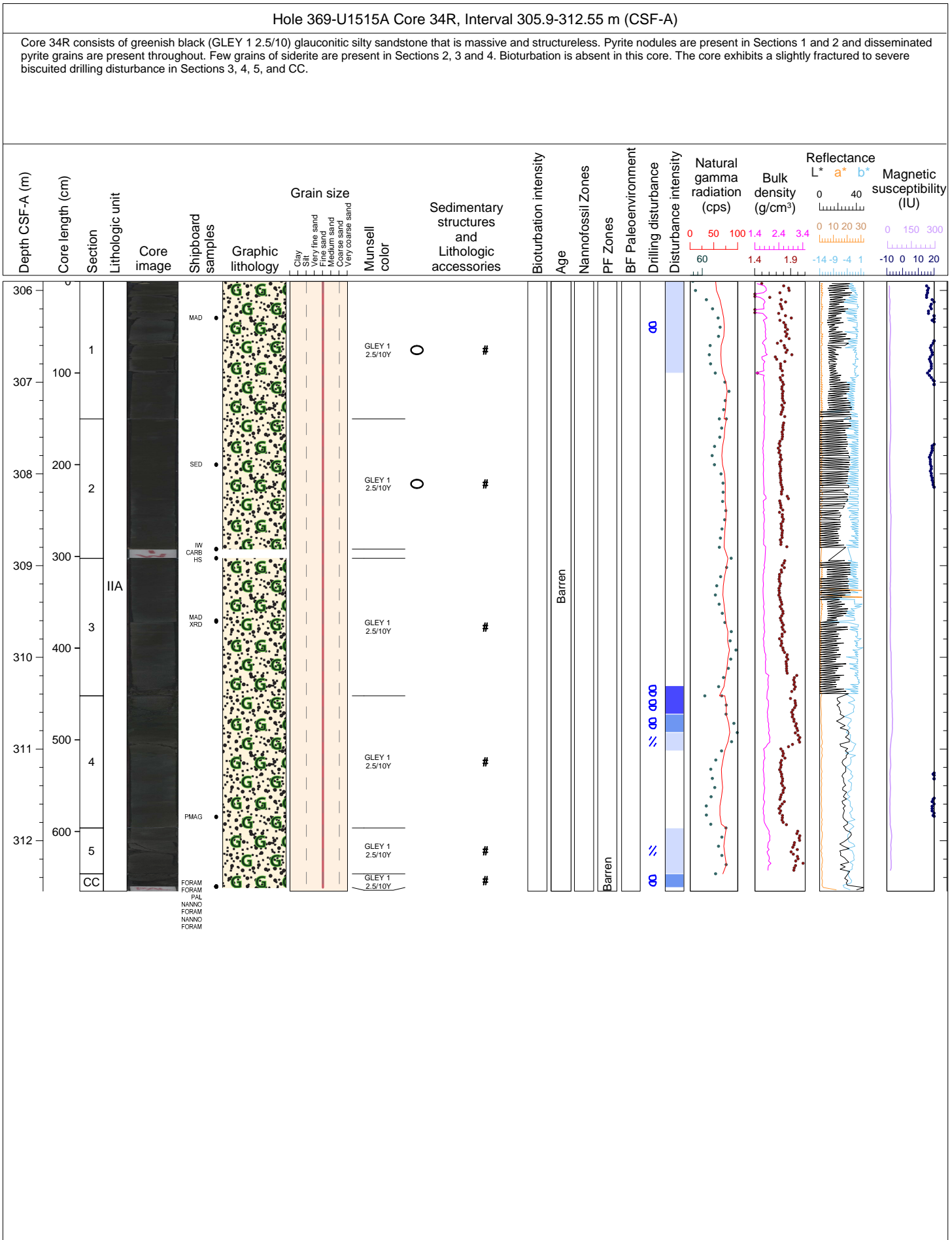


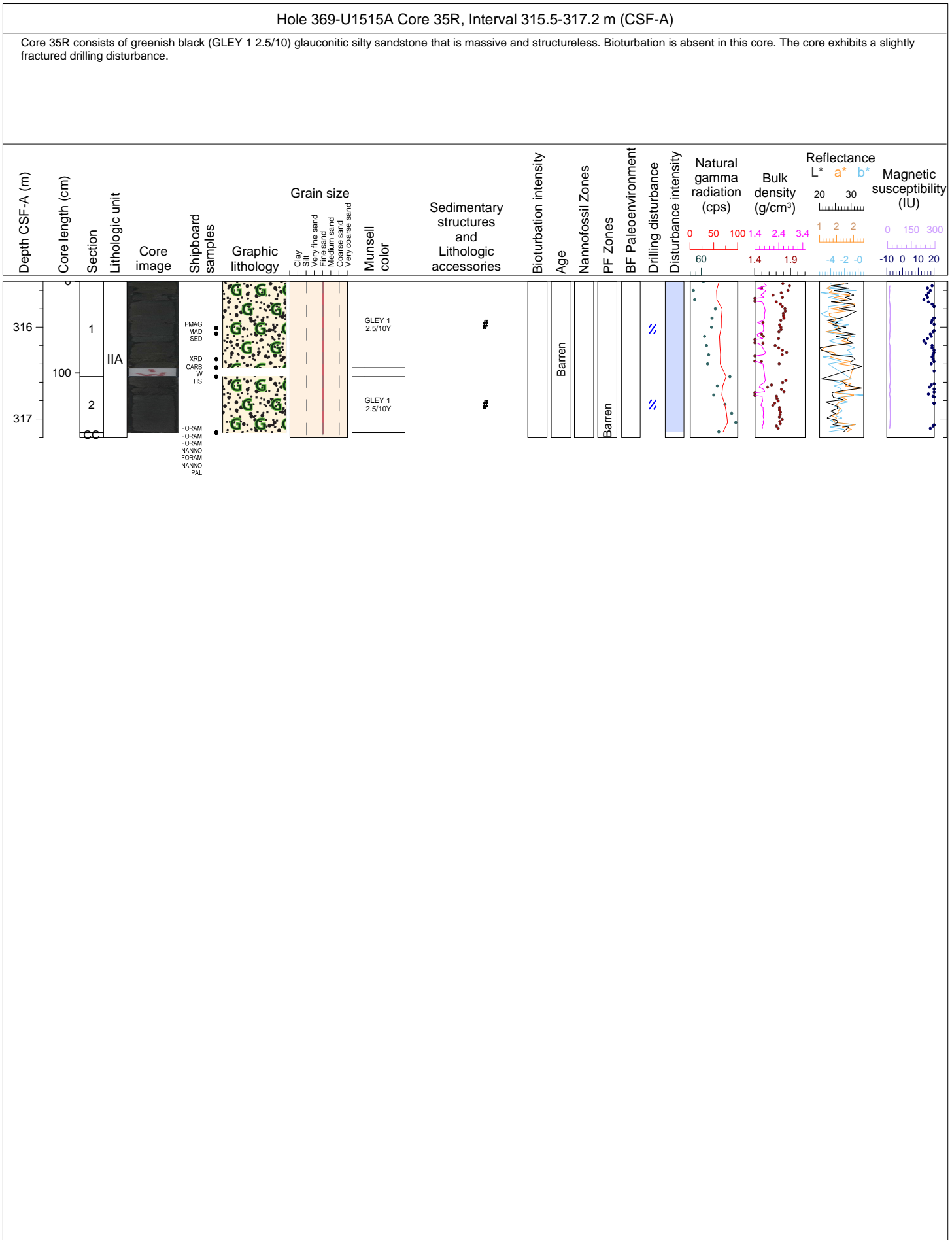


Hole 369-U1515A Core 33R, Interval 296.3-300.32 m (CSF-A)

Core 33R consists of greenish black (GLEY 1 2.5/10) medium glauconitic sandstone that is massive and structureless. Pyrite nodules are common in Sections 1 to 3 but absent in the core catcher. Bioturbation is absent in this core. The core exhibits a moderately fractured to slightly to moderately biscuited drilling disturbance.

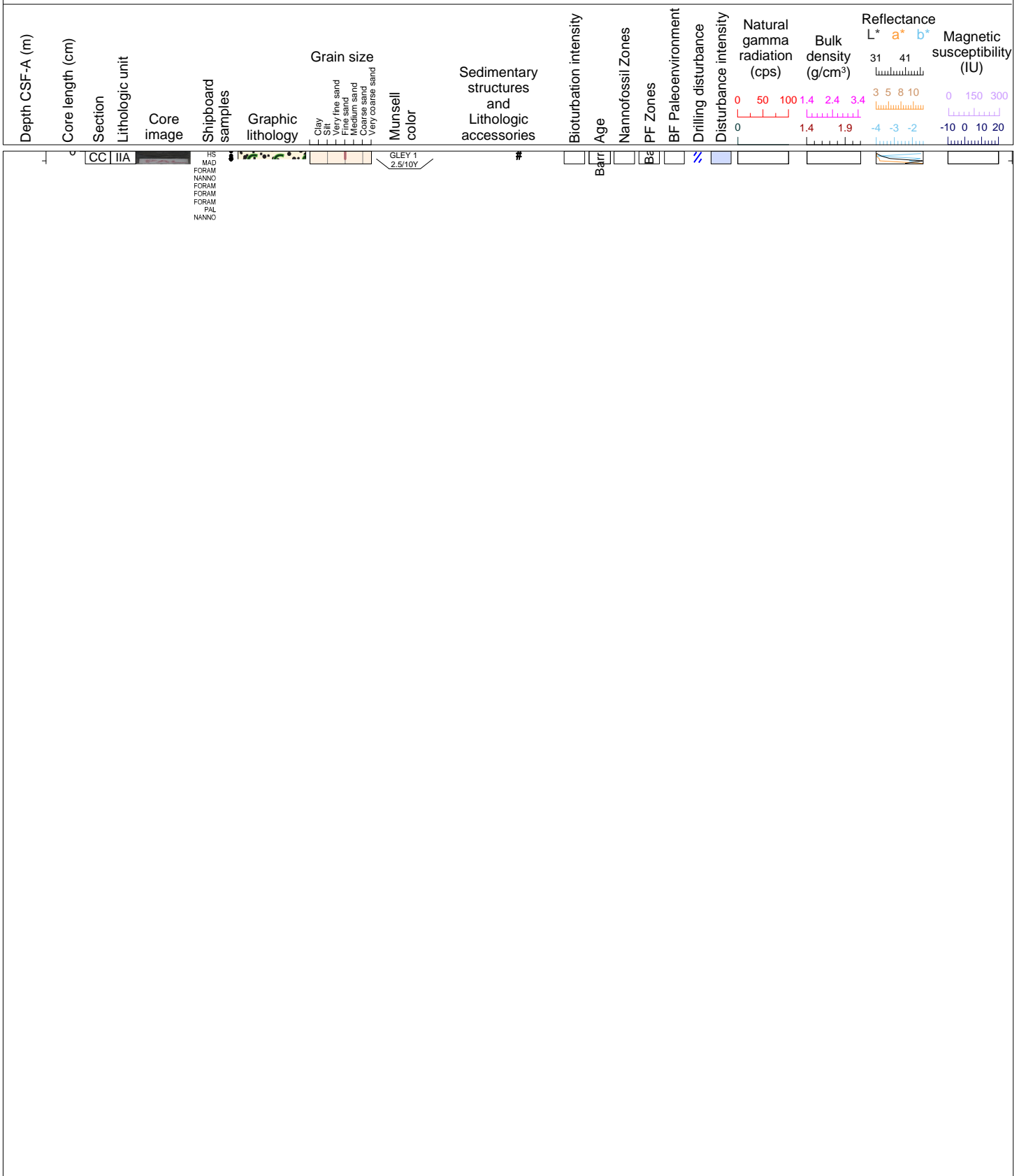






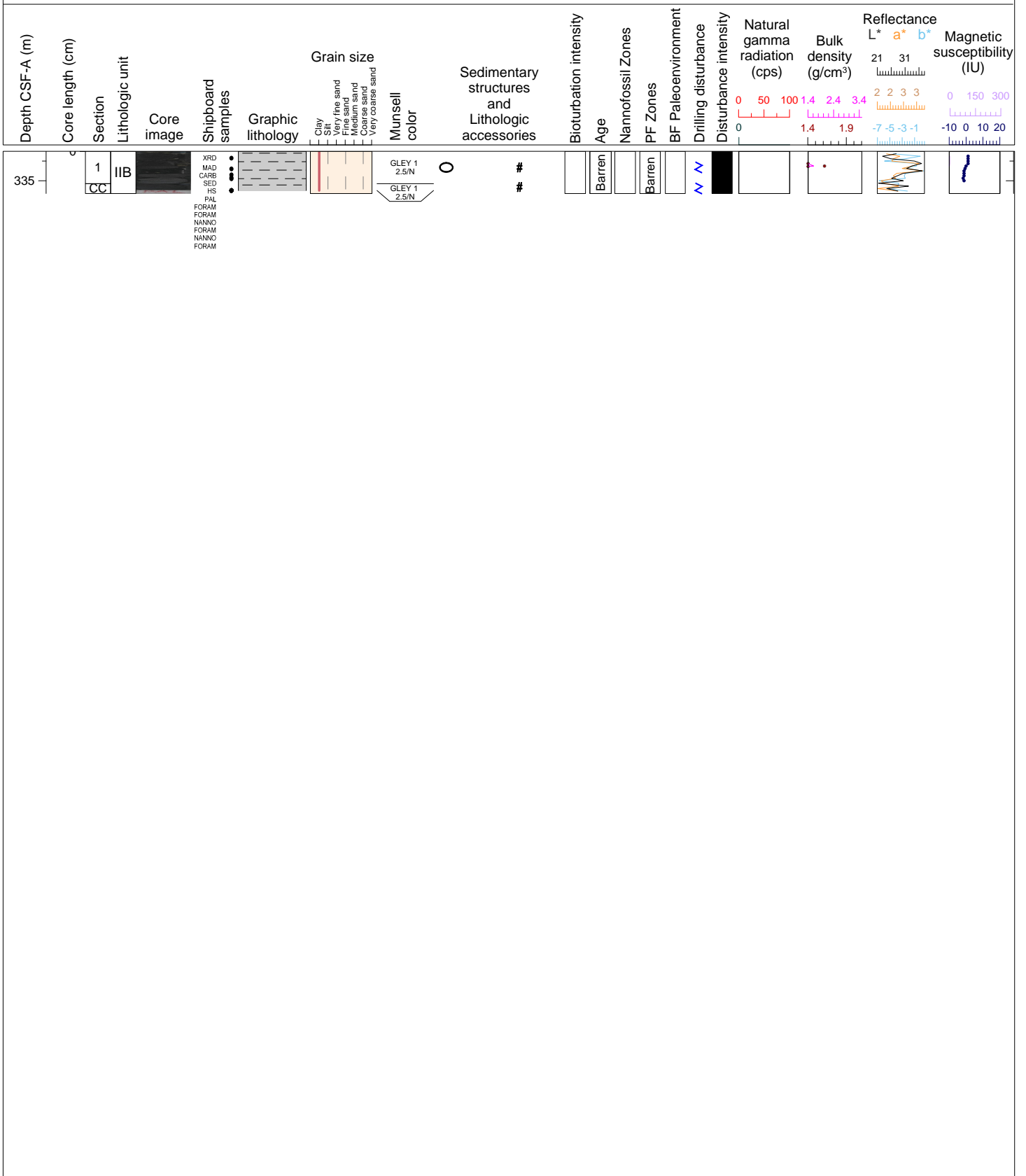
Hole 369-U1515A Core 36R, Interval 325.1-325.23 m (CSF-A)

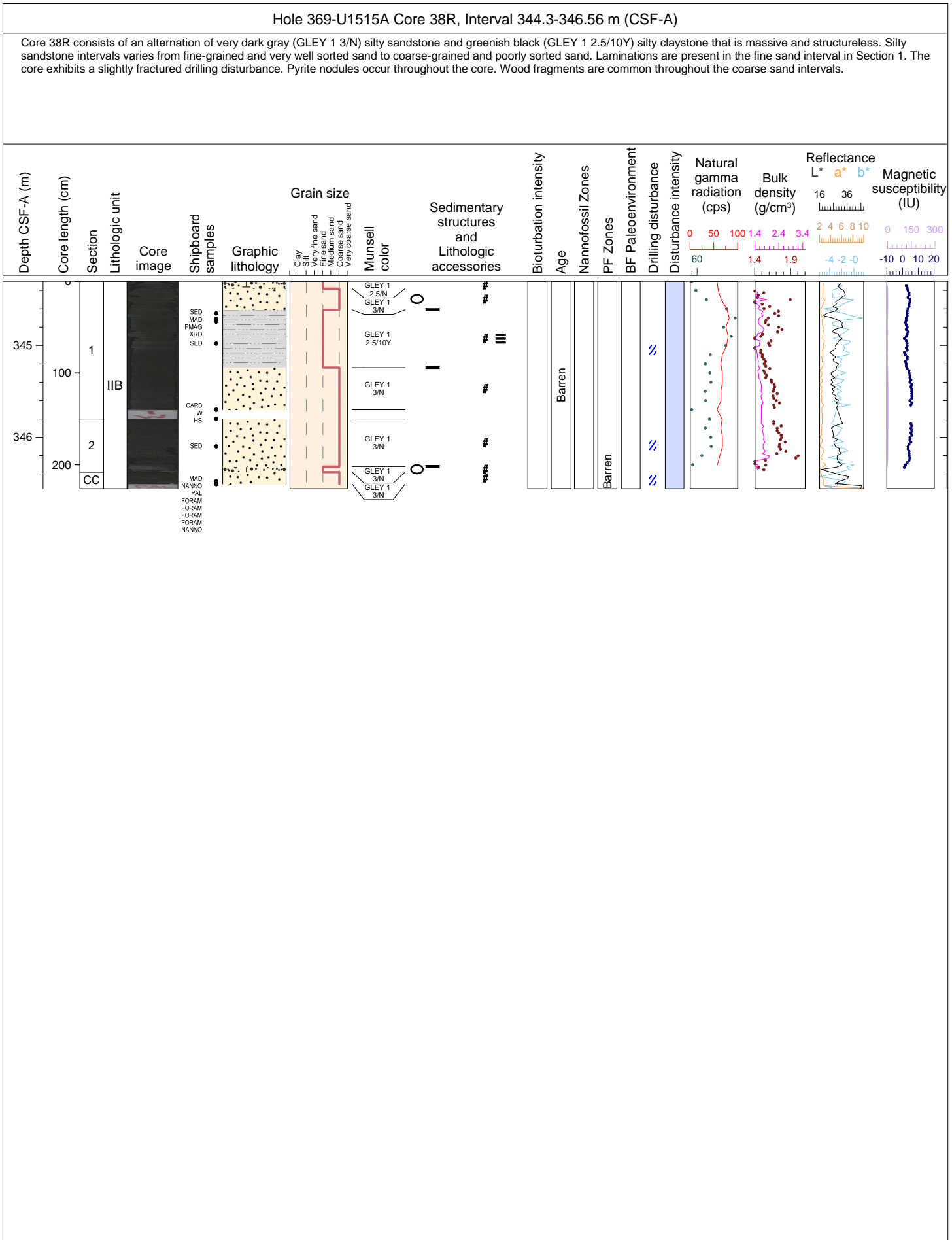
Core 36R (Only CC) consists of greenish black (GLEY 1 2.5/10) glauconitic silty sandstone that is massive and structureless. Bioturbation is absent in this core. The core exhibits a slightly fractured drilling disturbance.

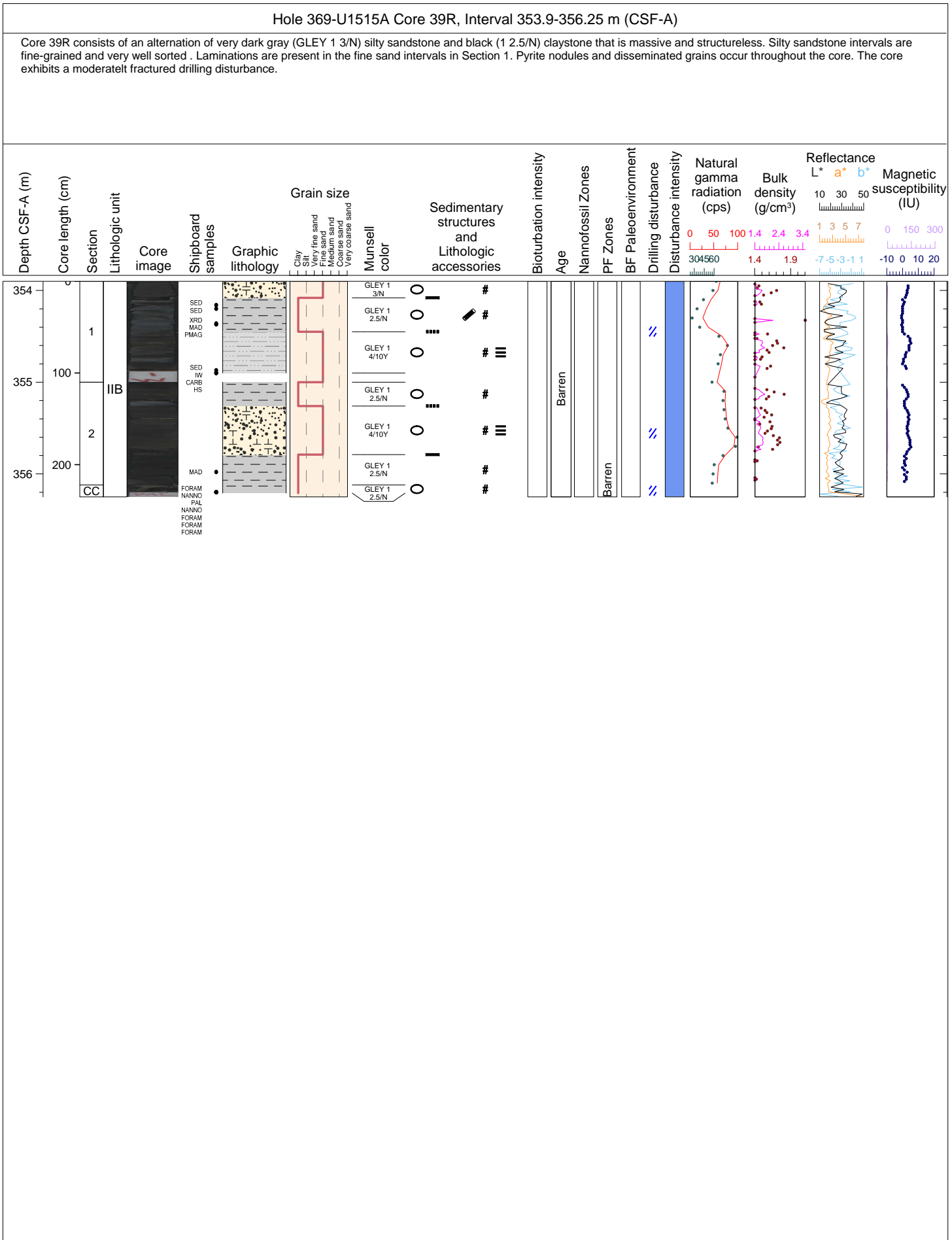


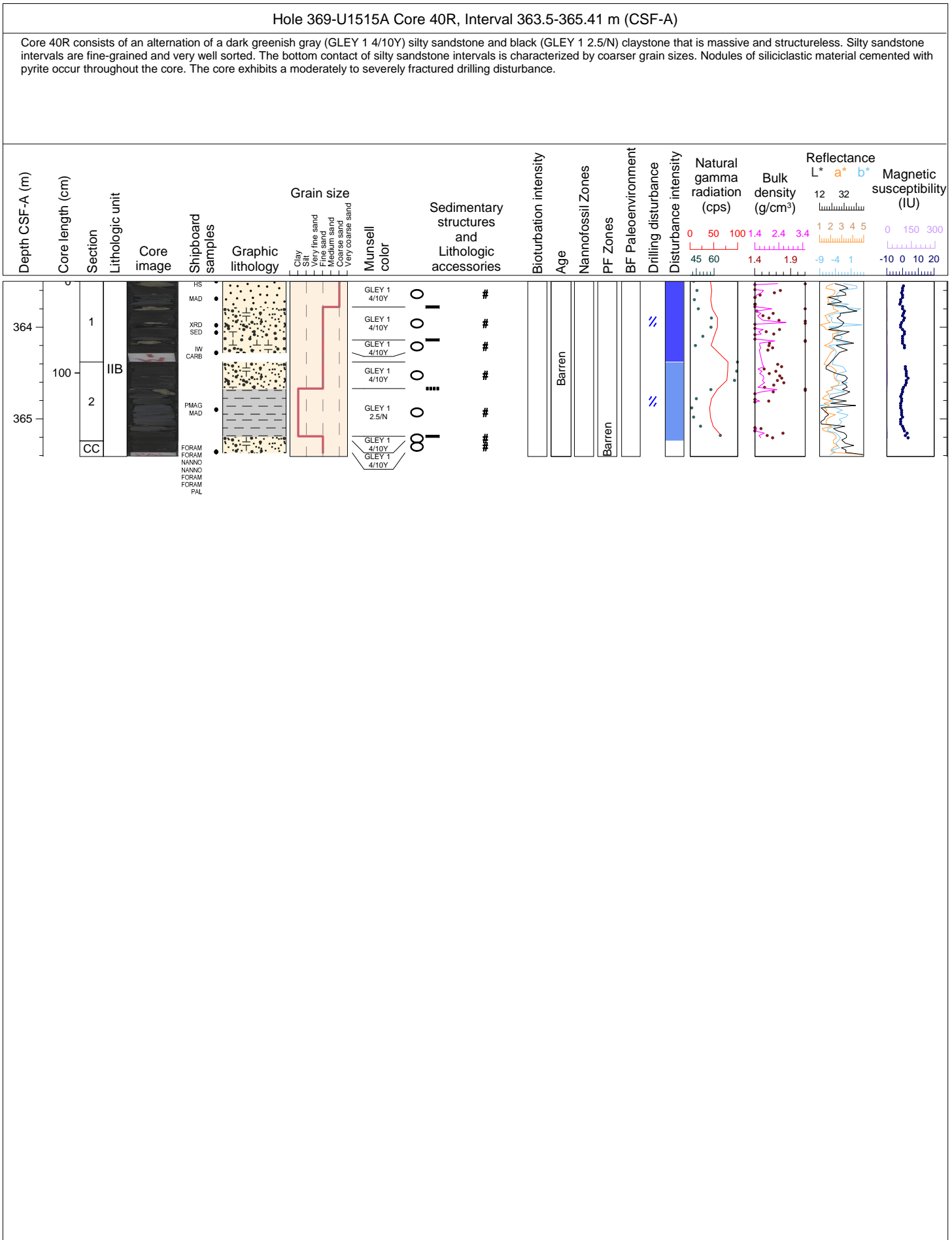
Hole 369-U1515A Core 37R, Interval 334.7-335.13 m (CSF-A)

Core 37R consists of a black (GLEY 1 2.5/N) claystone that is massive and structureless. May possess a high organic matter content. Bioturbation is absent in this core. The core exhibits a destroyed fragmented drilling disturbance. Pyrite nodules occur throughout the core.

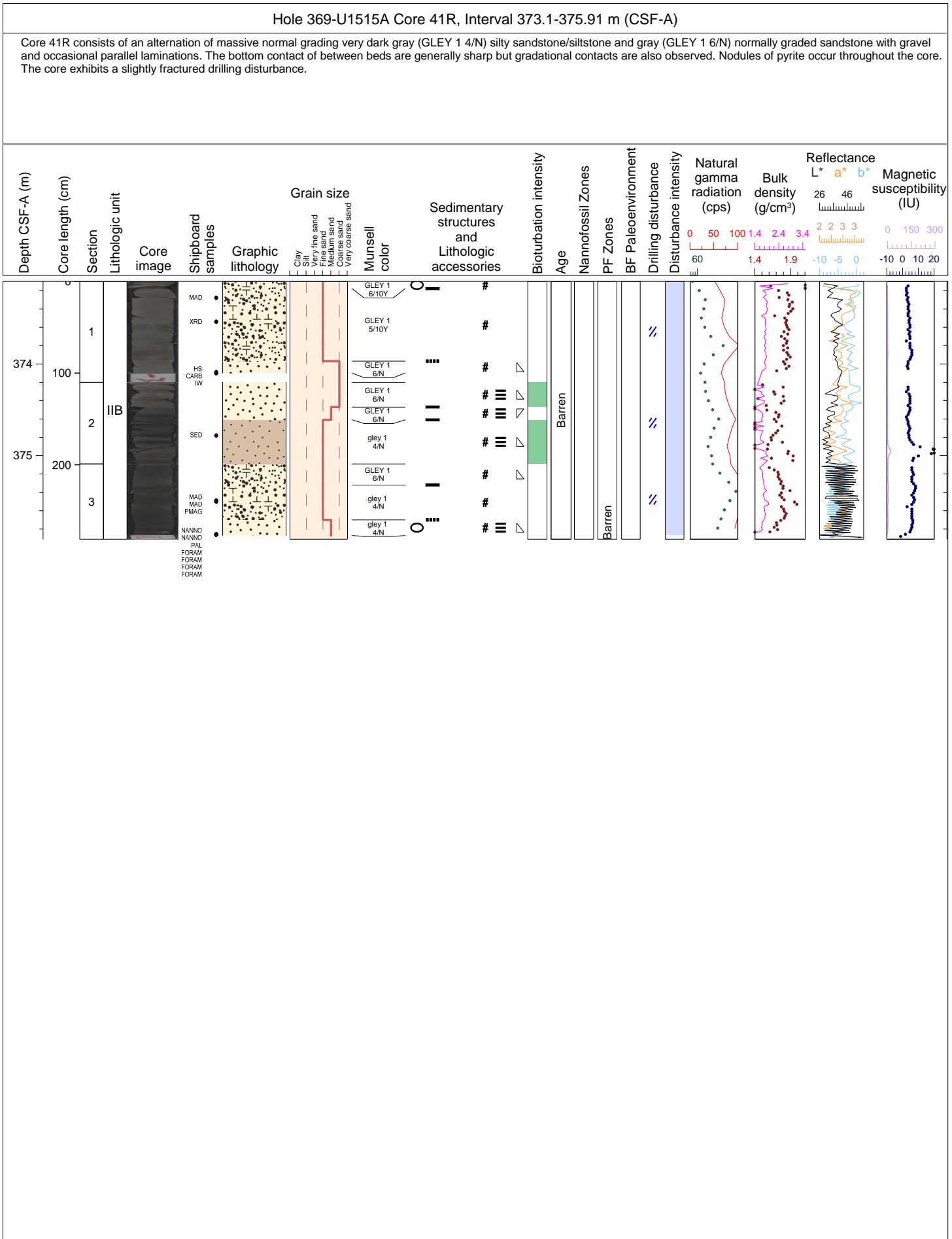






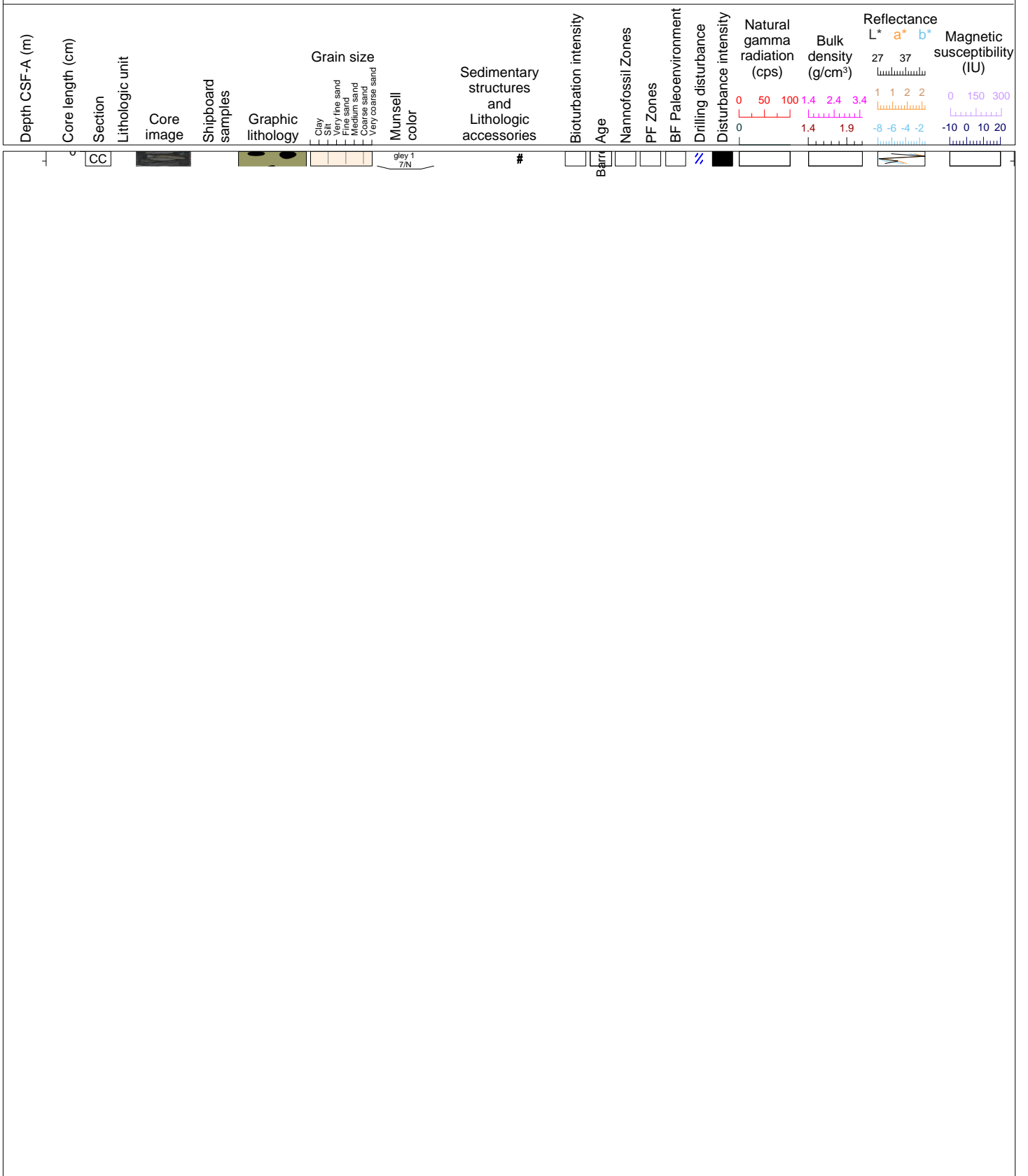






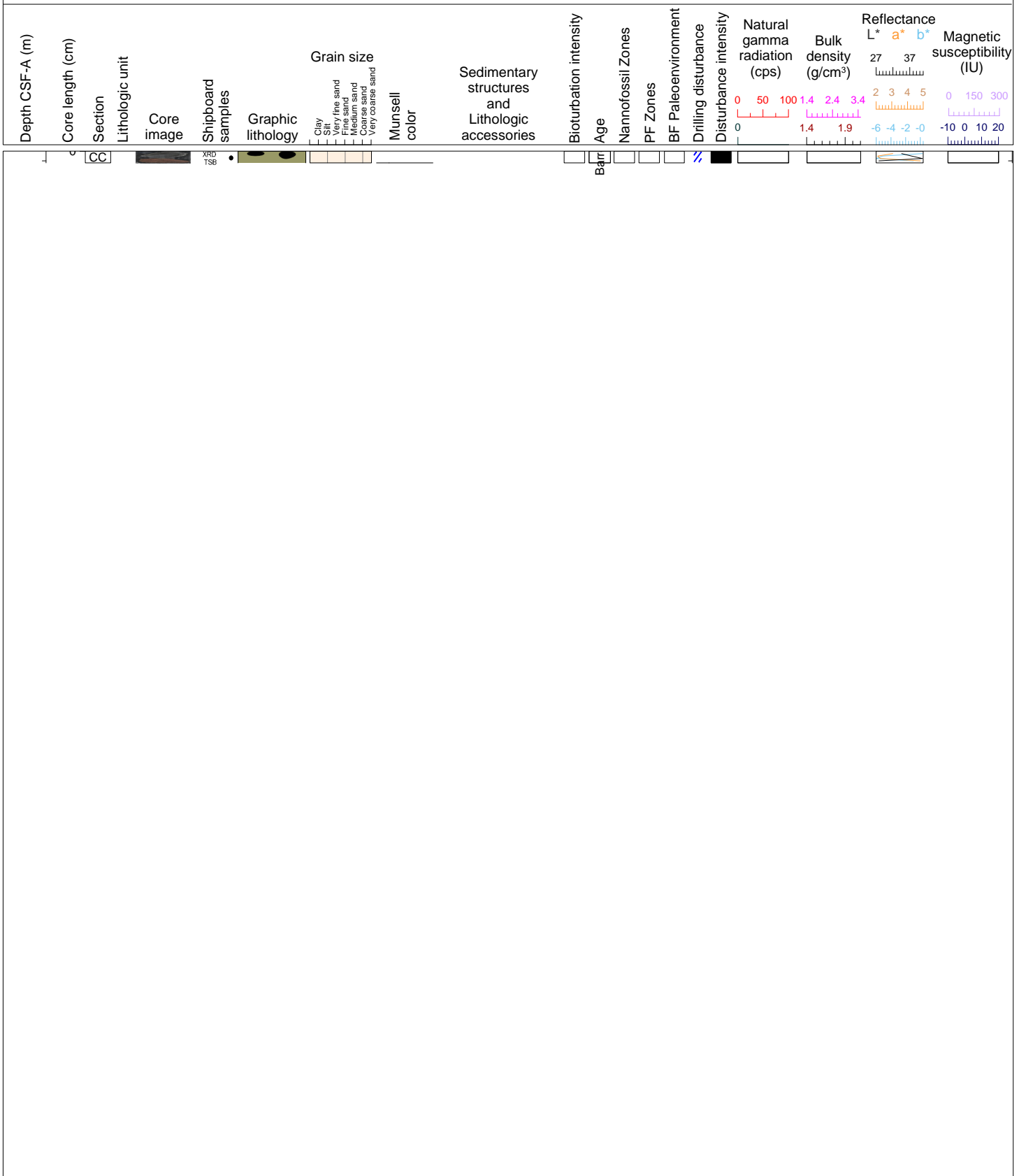
Hole 369-U1515A Core 42R, Interval 382.7-382.85 m (CSF-A)

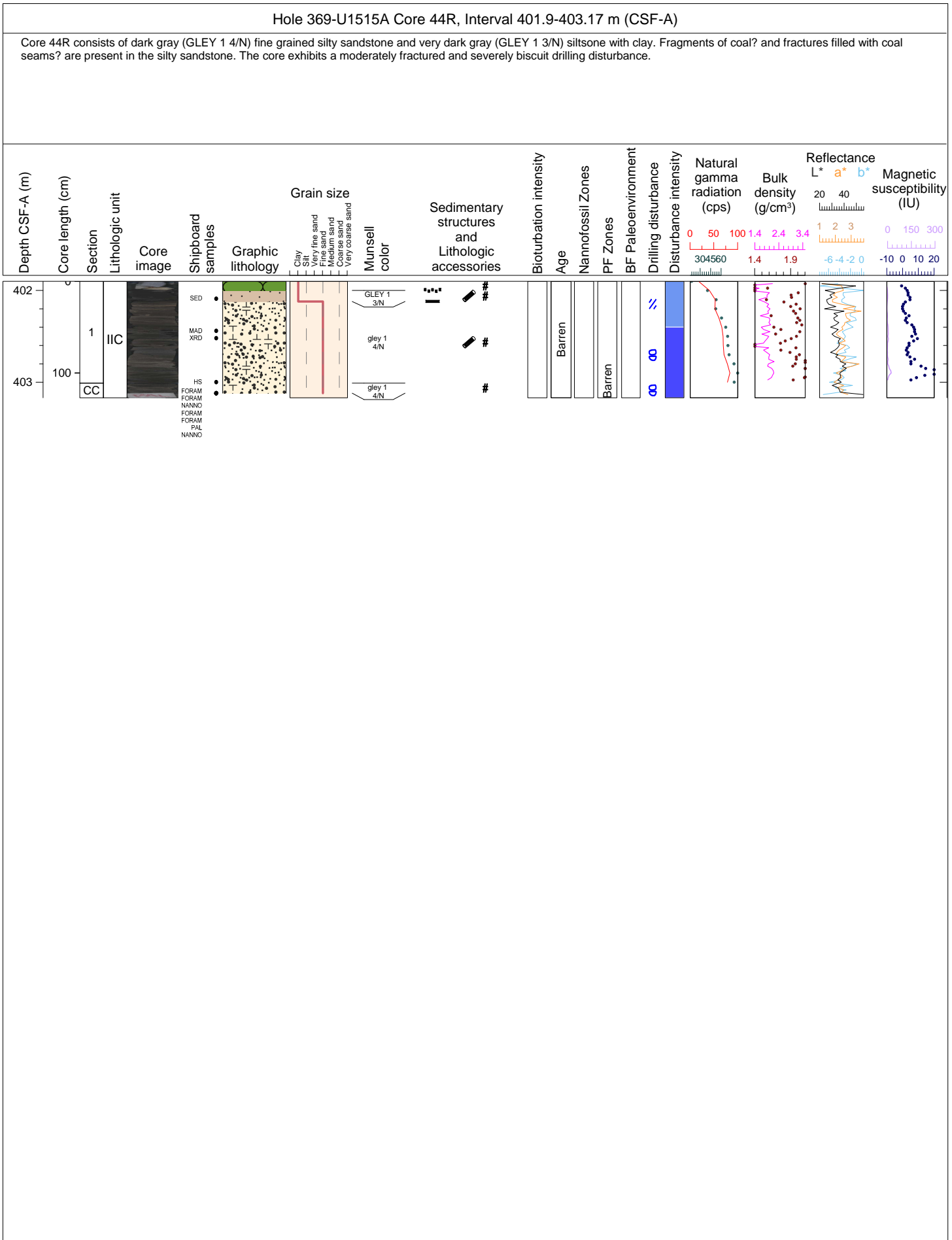
Core 42R consists of pebbles of quartz, pyrite and chert. The core is completely destroyed by drilling disturbance.

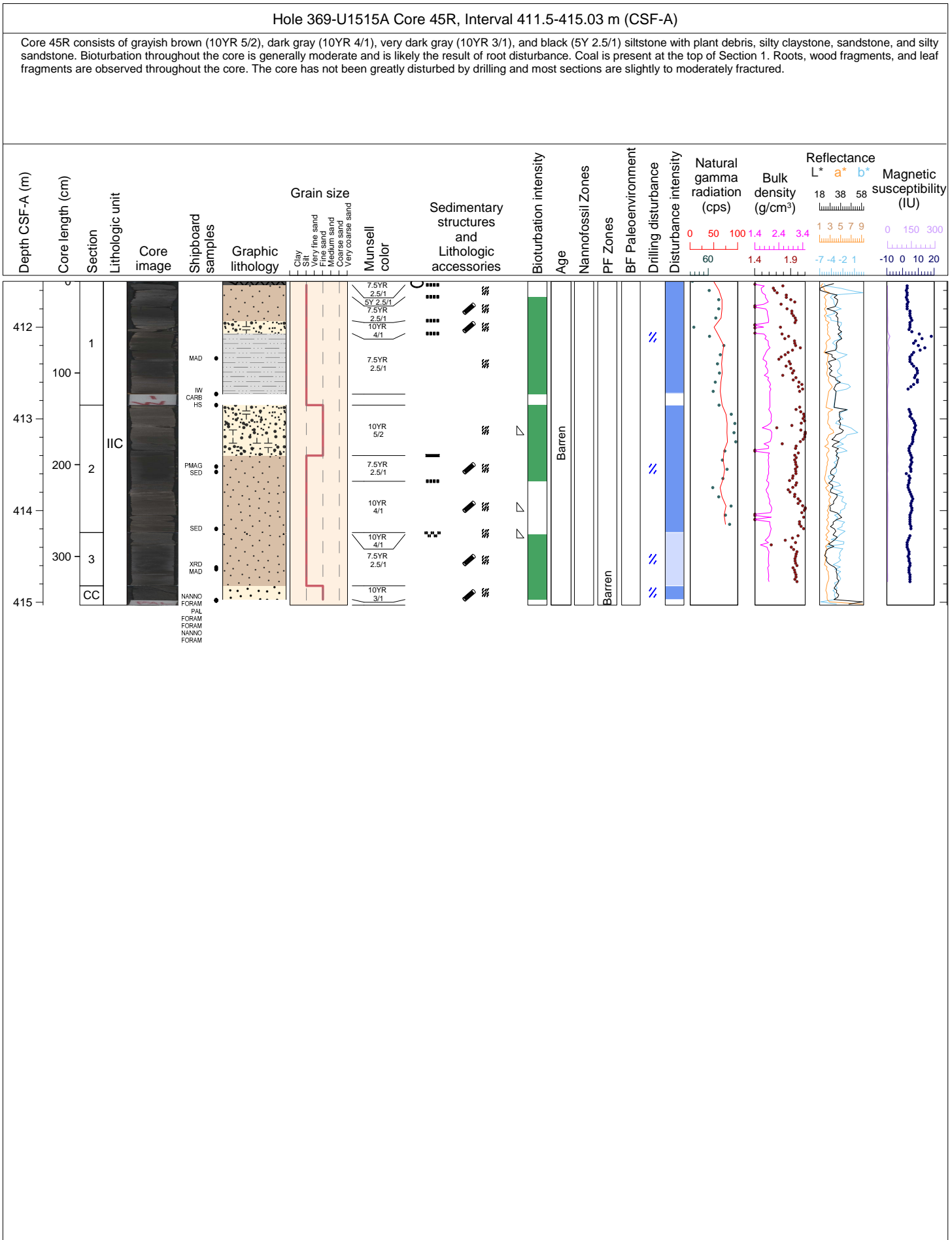


Hole 369-U1515A Core 43R, Interval 392.3-392.42 m (CSF-A)

Core 43R consists of pebbles of granite and chert. The core is completely destroyed by drilling disturbance.

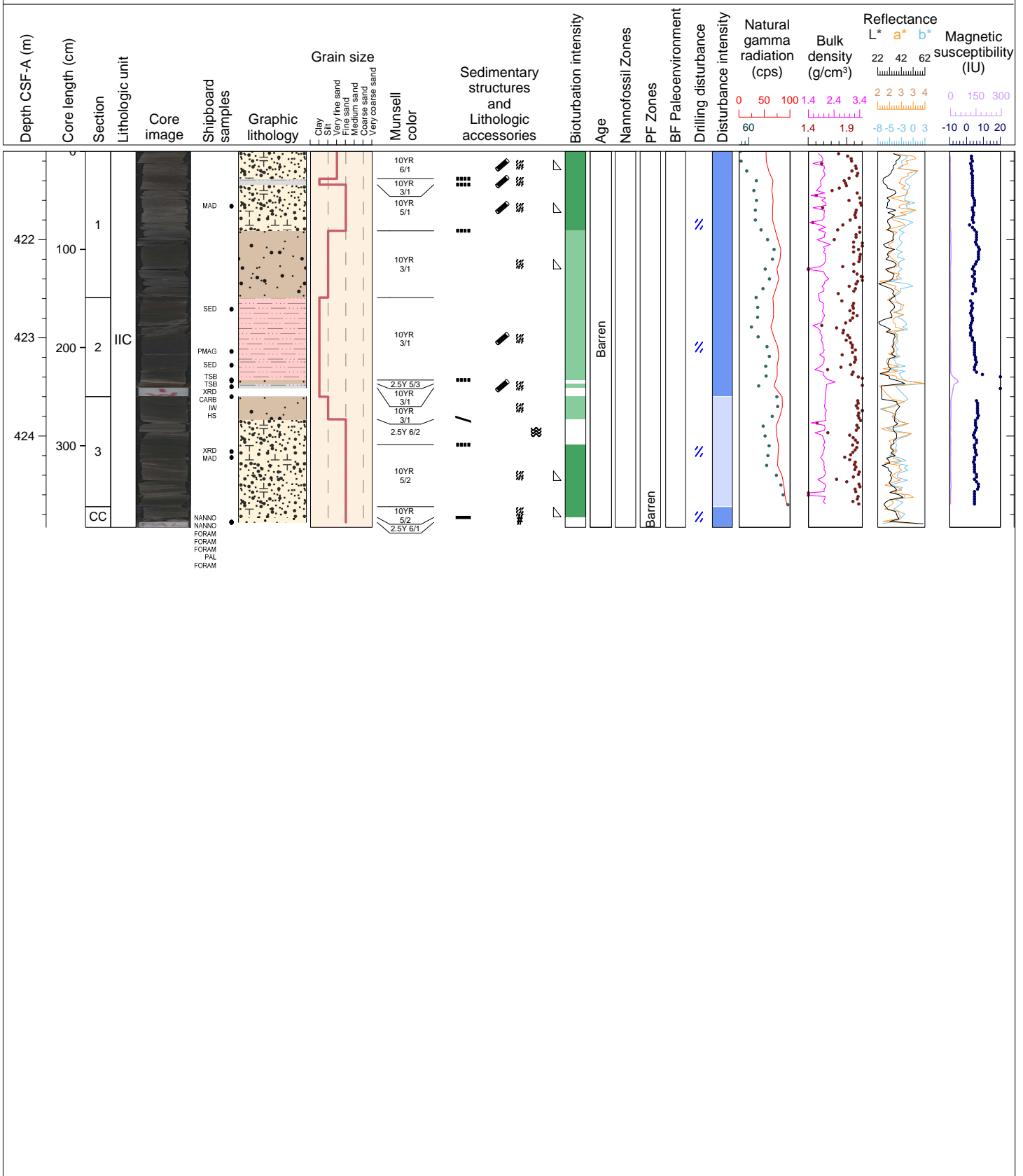






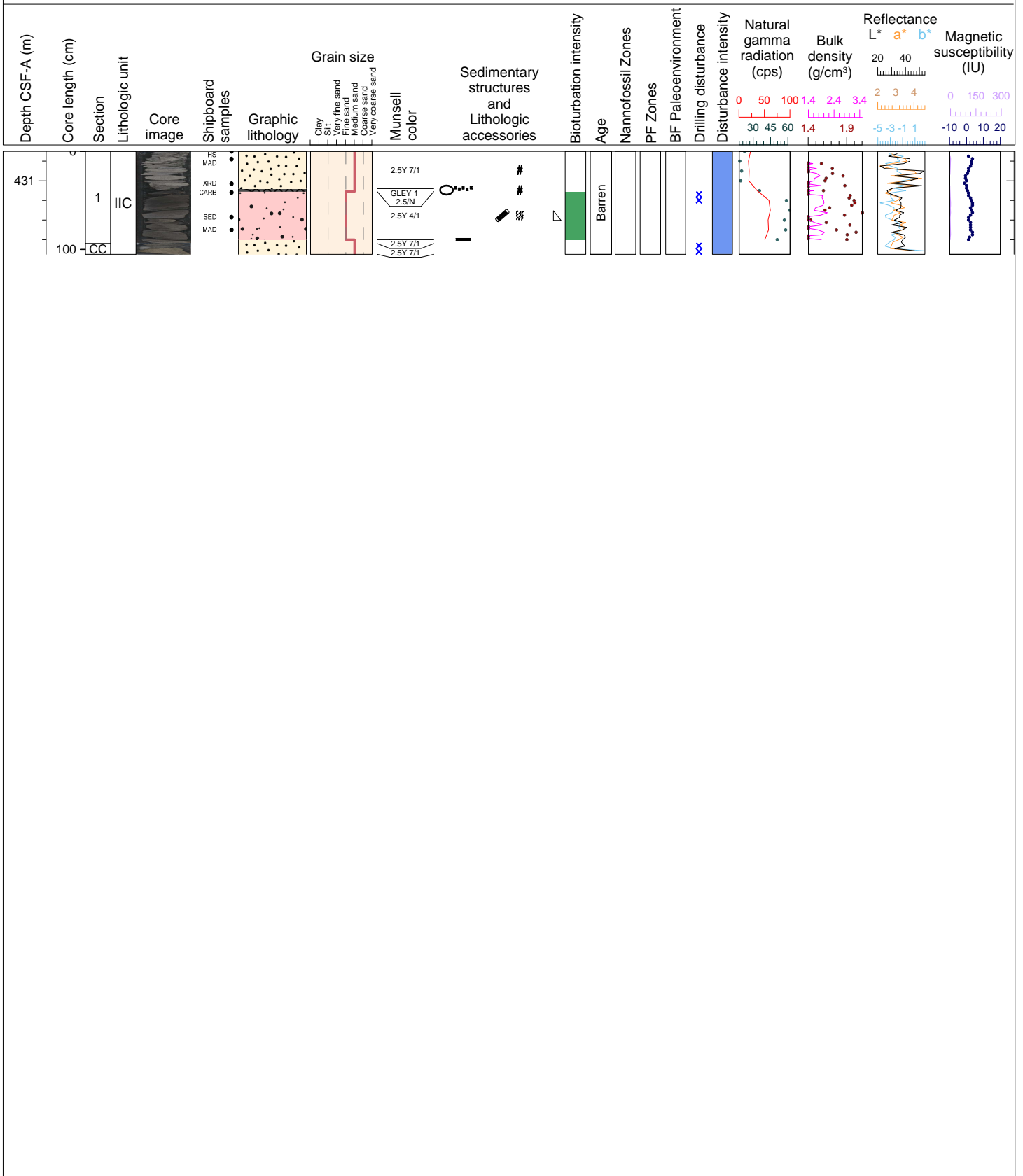
Hole 369-U1515A Core 46R, Interval 421.1-424.93 m (CSF-A)

Core 46R is dominated by gray (10YR 6/1), light brownish gray (2.5Y 6/2), and grayish brown (10YR 5/2) silty sandstone, light olive brown (2.5Y 5/3), and very dark gray (10YR 3/1) sandy siltstone, and very dark gray (10YR 3/1) silty claystone. Bioturbation and mottling of core seem to have been caused by root intrusions that are not filled with coal. There are normally graded intervals in Section 1, the bottom of Section 3 and in the top of the CC. In Section 3, there is a 70 degree fault at 65-77 cm. The core has been slightly to moderately fractured by drilling disturbance.



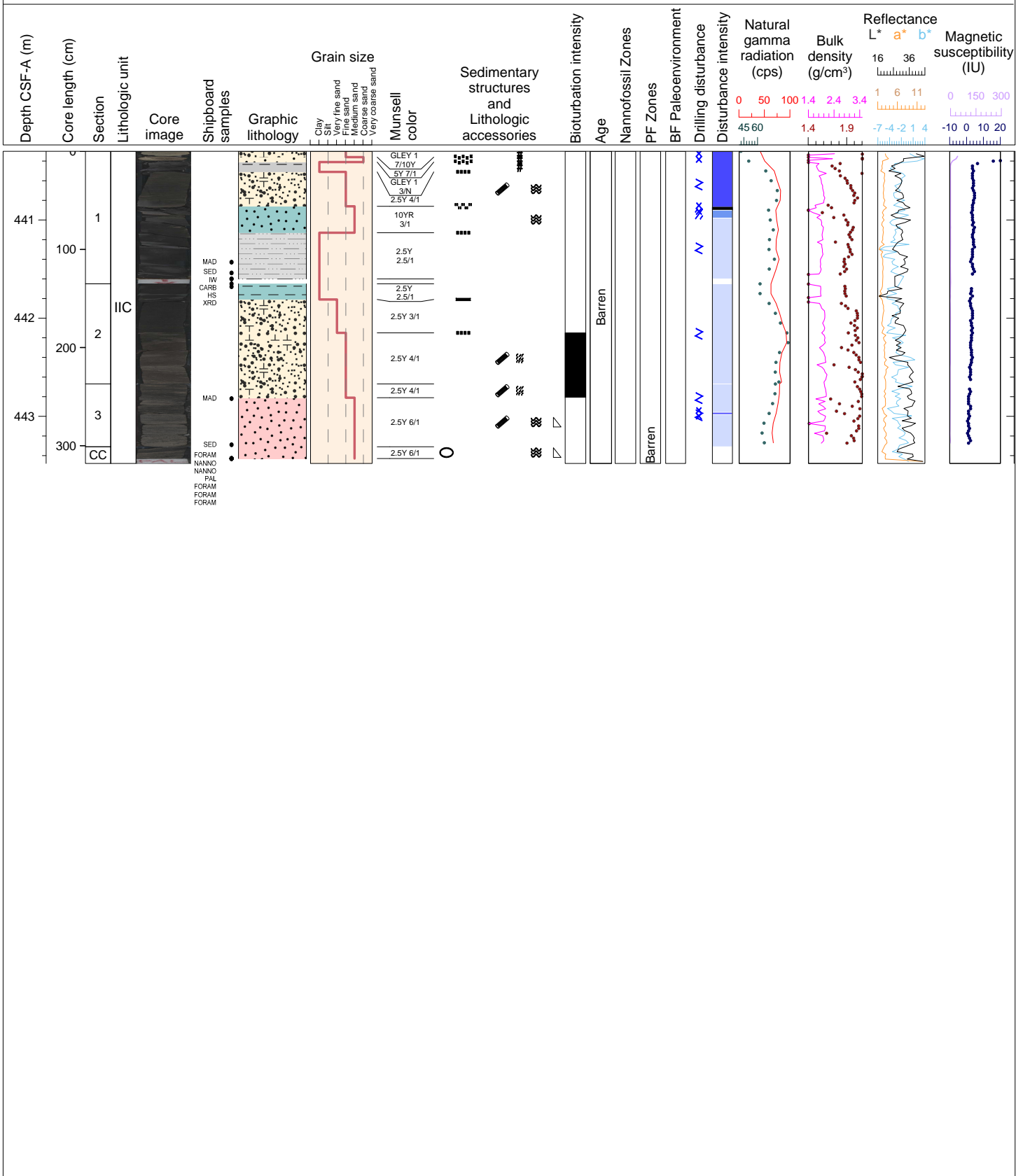
Hole 369-U1515A Core 47R, Interval 430.7-431.75 m (CSF-A)

Core 47R is dominated by light gray (2.5Y 7/1) sandstone, and dark gray (2.5Y 4/1) quartzitic sandy siltstone with feldspar. In Section 1, there are a few small faults at 0-38 cm, there is a layer of black (GLEY 1 2.5/N) coal with a pyrite nodule at 38-41 cm, and in 41-90 cm there is a normally graded interval that also contains some evidence of soft sediment deformation such as ball-and-pillow structures. Bioturbation throughout this interval ranges from none to moderate. Some bioturbation is the result of root intrusion and there are also a few burrows present. The core is moderately brecciated due to drilling disturbances.

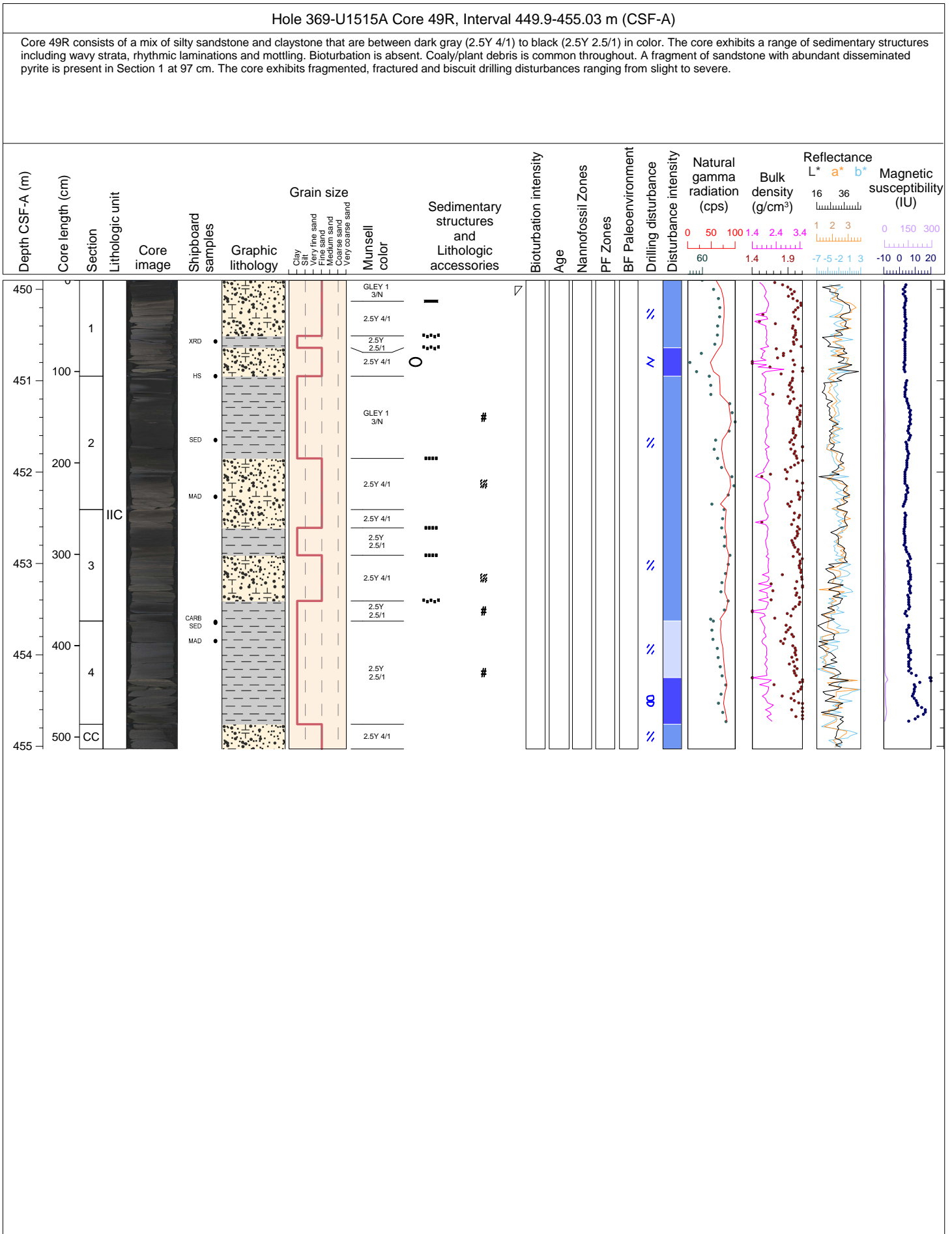


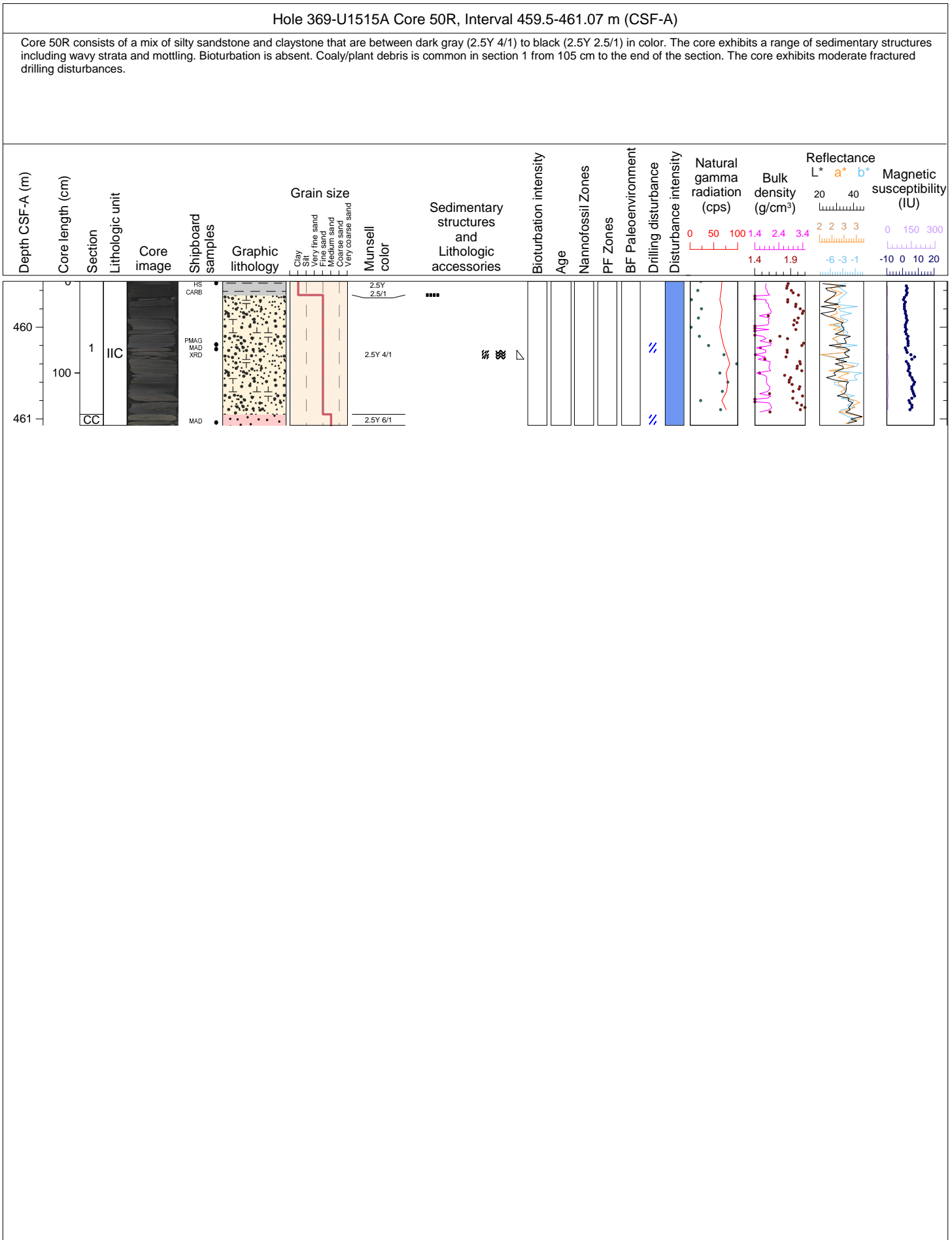
Hole 369-U1515A Core 48R, Interval 440.3-443.48 m (CSF-A)

Core 48R consists of a mix of sandstone, silty sandstone, carbonaceous sandstone, quartzitic sandstone with feldspar, carbonaceous claystone, and carbonaceous silty claystone that are between very dark gray (2.5Y 3/1) to light greenish gray (GLEY 1 7/10Y) in color. The core exhibits a range of sedimentary structures including wavy strata, parallel laminations, rhythmic laminations, convolute bedding and mottling. Bioturbation is either entirely absent or high. Roots and coaly/plant debris is common throughout. A pyrite nodule is present in the core catcher. The core exhibits fractured, fragmented and brecciated drilling disturbances ranging from slight to destroyed.



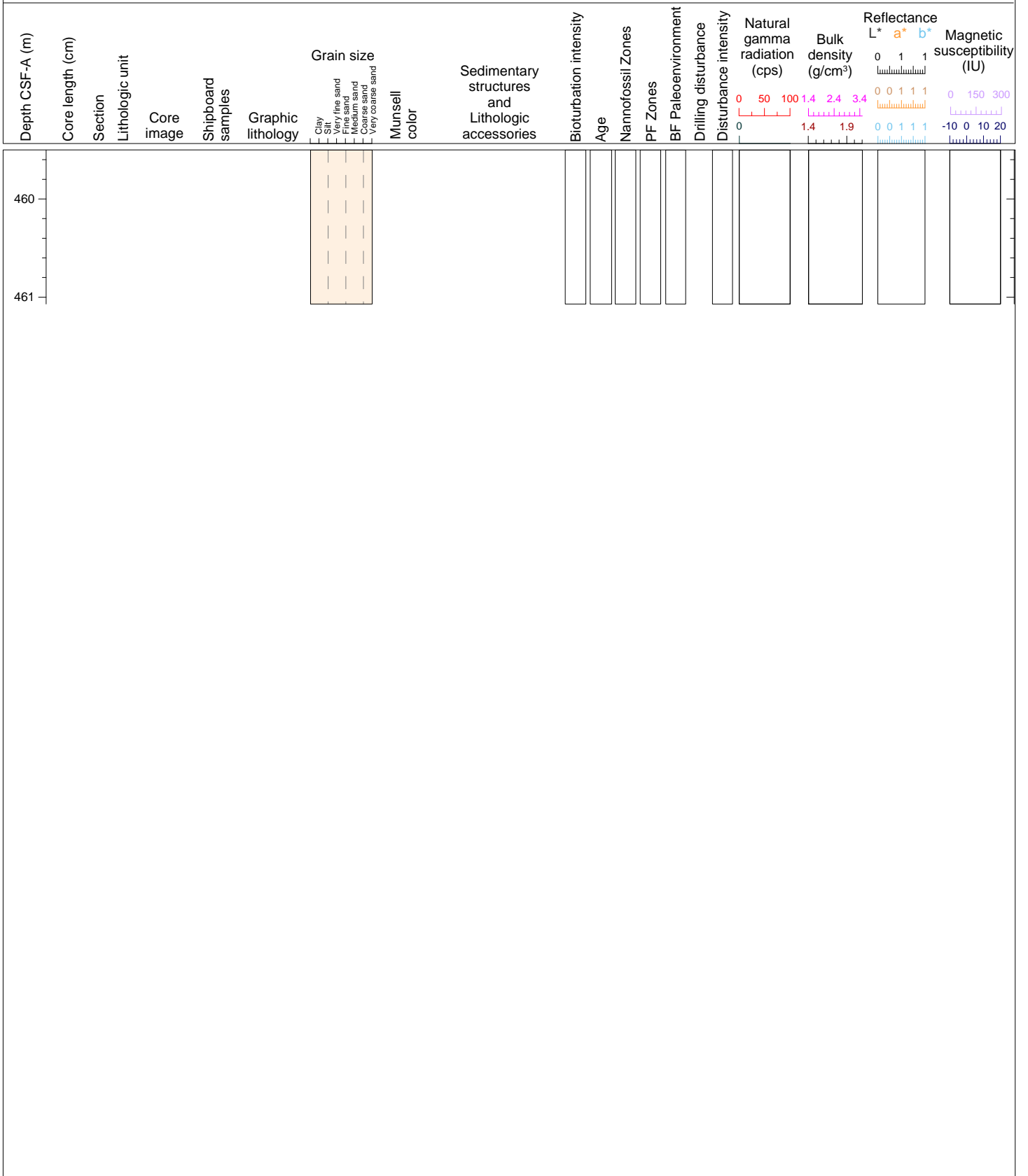


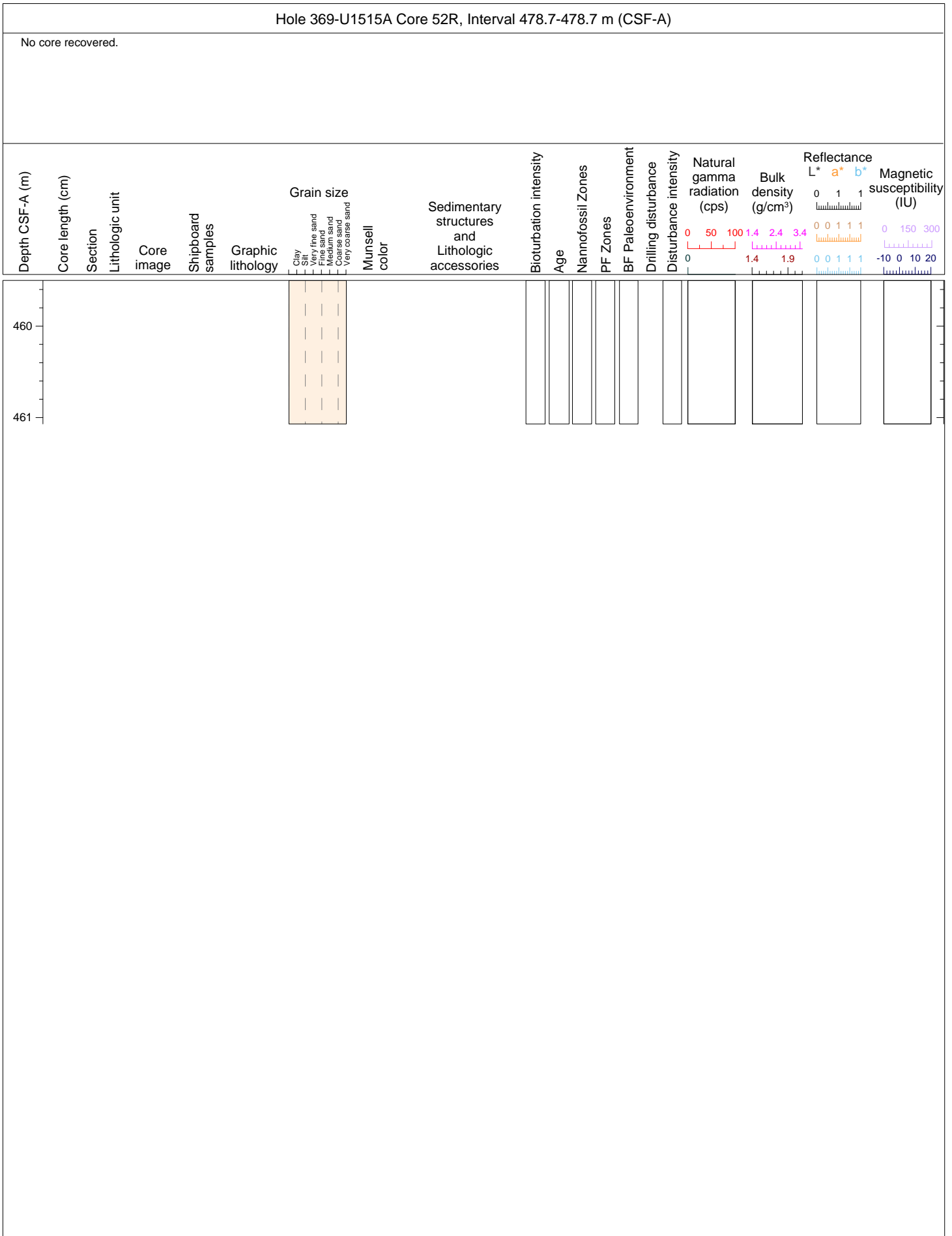




Hole 369-U1515A Core 51R, Interval 469.1-469.1 m (CSF-A)

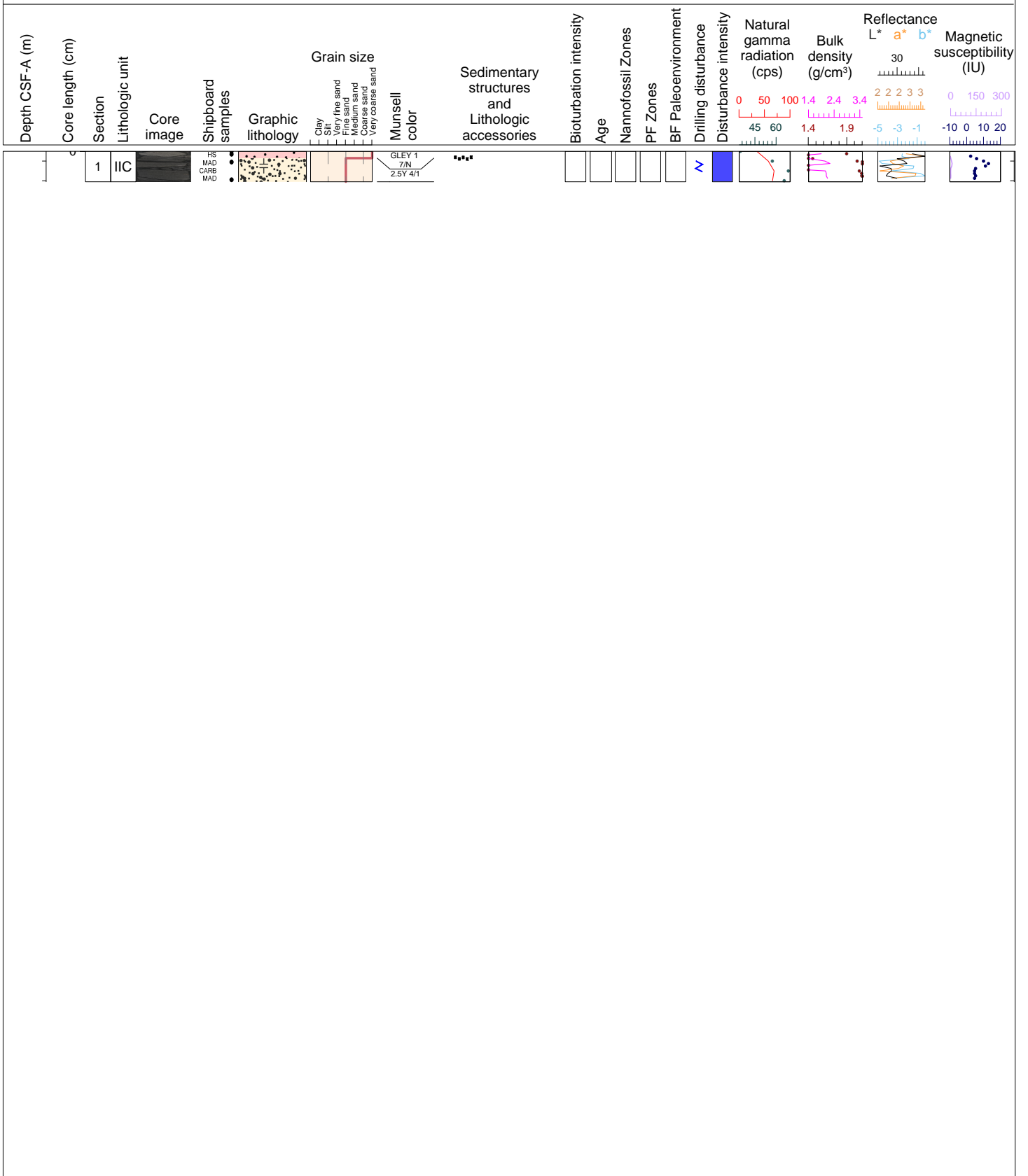
No core recovered.





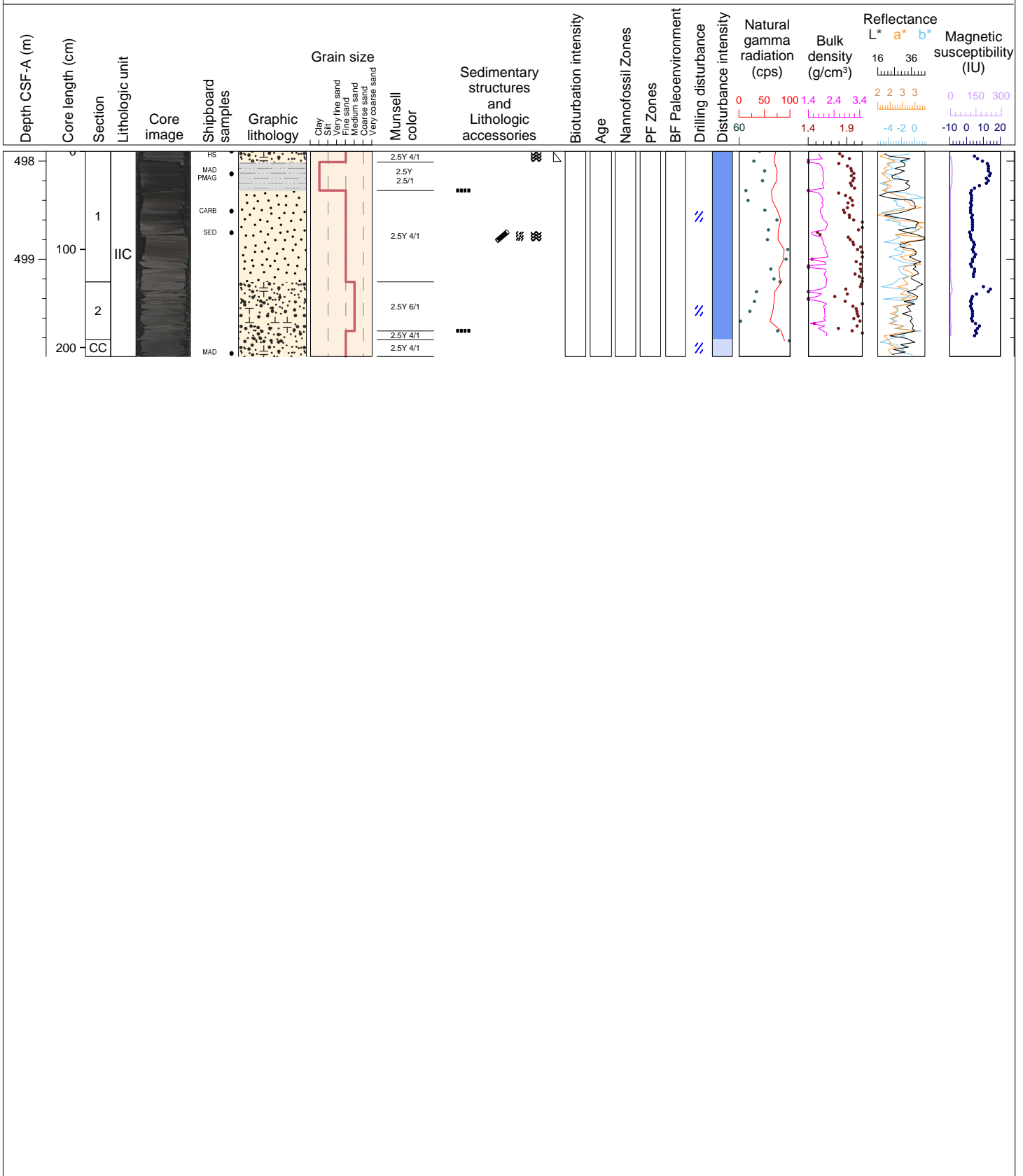
Hole 369-U1515A Core 53R, Interval 488.3-488.61 m (CSF-A)

Core 53R consists of a dark gray silty sandstone (2.5Y 4/1). A fragment of quartzitic sandstone is also present at 0-8 cm. Bioturbation is absent. The core exhibits severe fragmented drilling disturbance.



Hole 369-U1515A Core 54R, Interval 497.9-499.99 m (CSF-A)

Core 54R consists of a mix of sandstone, silty sandstone and silty claystone that are between gray (2.5Y 6/1) to black (2.5Y 2.5/1) in color. The core exhibits a range of sedimentary structures including rhythmic lamination, wavy strata and mottling. Bioturbation is absent. Coaly/plant debris is common in section 2 from 60-83 cm. The core exhibits slight to moderate fractured drilling disturbances.



Hole 369-U1515A Core 55R, Interval 507.5-512.98 m (CSF-A)

Core 55R consists of very dark gray (2.5Y 3/1) and black (2.5Y 2.5/1) siltstones and sandy siltstones that are interbedded with black claystones and silty claystones. In Section 3 (15-17 cm) there is a medium sand interval that is well lithified and has a metallic appearance (maybe pyrite?) there is also a possible chert (?) at 106-108 cm. There is more intense mottling in the lower 6 cm of the section, bituminous coal at 62 cm, and there are small wood fragments scattered throughout the section. In Section 4, there are at least two distinct fining upward sequences that are marked by medium sand at the bottom and fine up into silt. The bottoms are also mottled with a lighter colored sand. From 80-84 cm there is an interval with soft sediment deformation. There are a few discrete burrows scattered throughout the section. The upper 35 cm of the section is massive and shows no signs of layers or laminations. The core exhibits slight to moderate fractured drilling disturbances.

