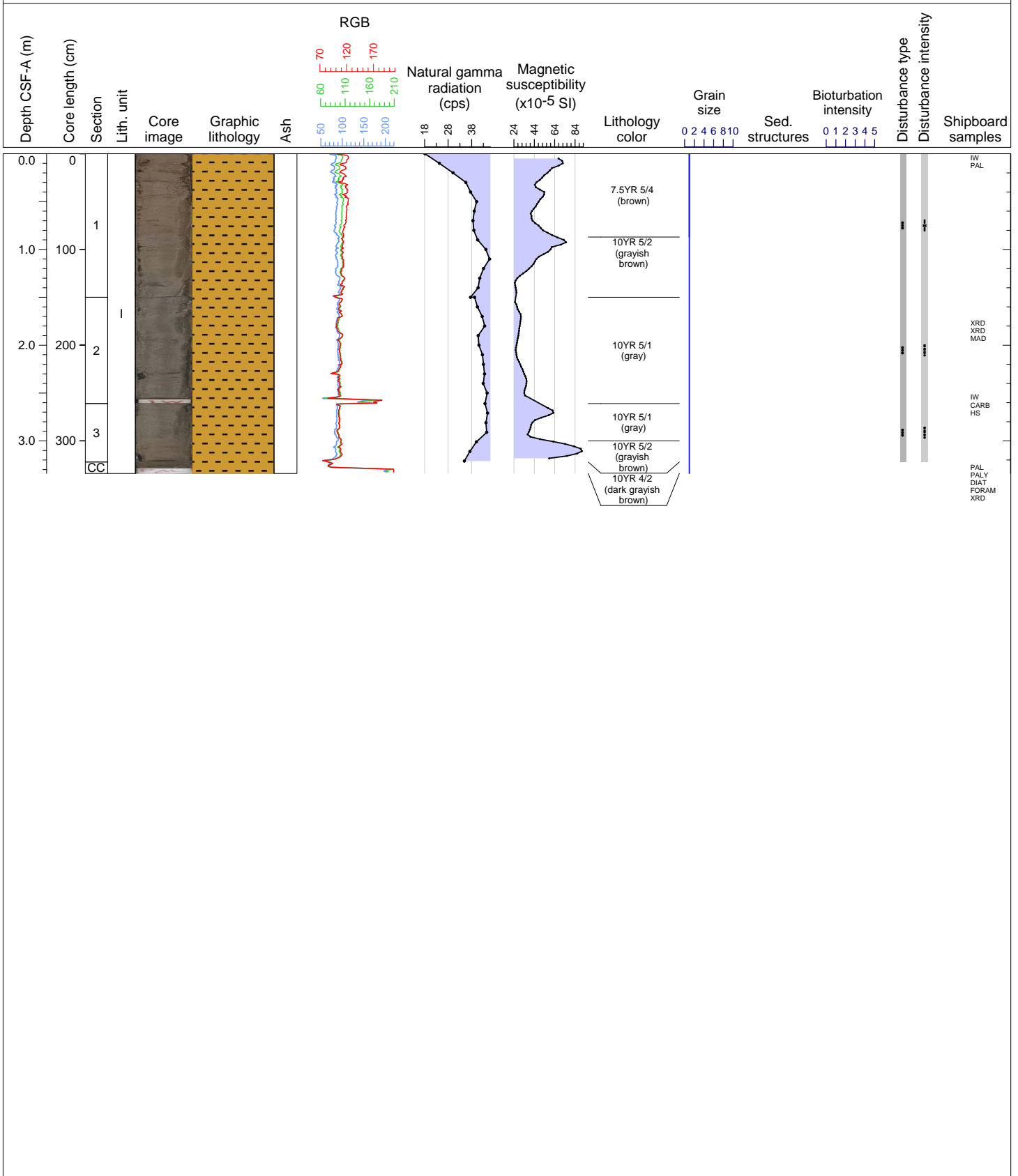


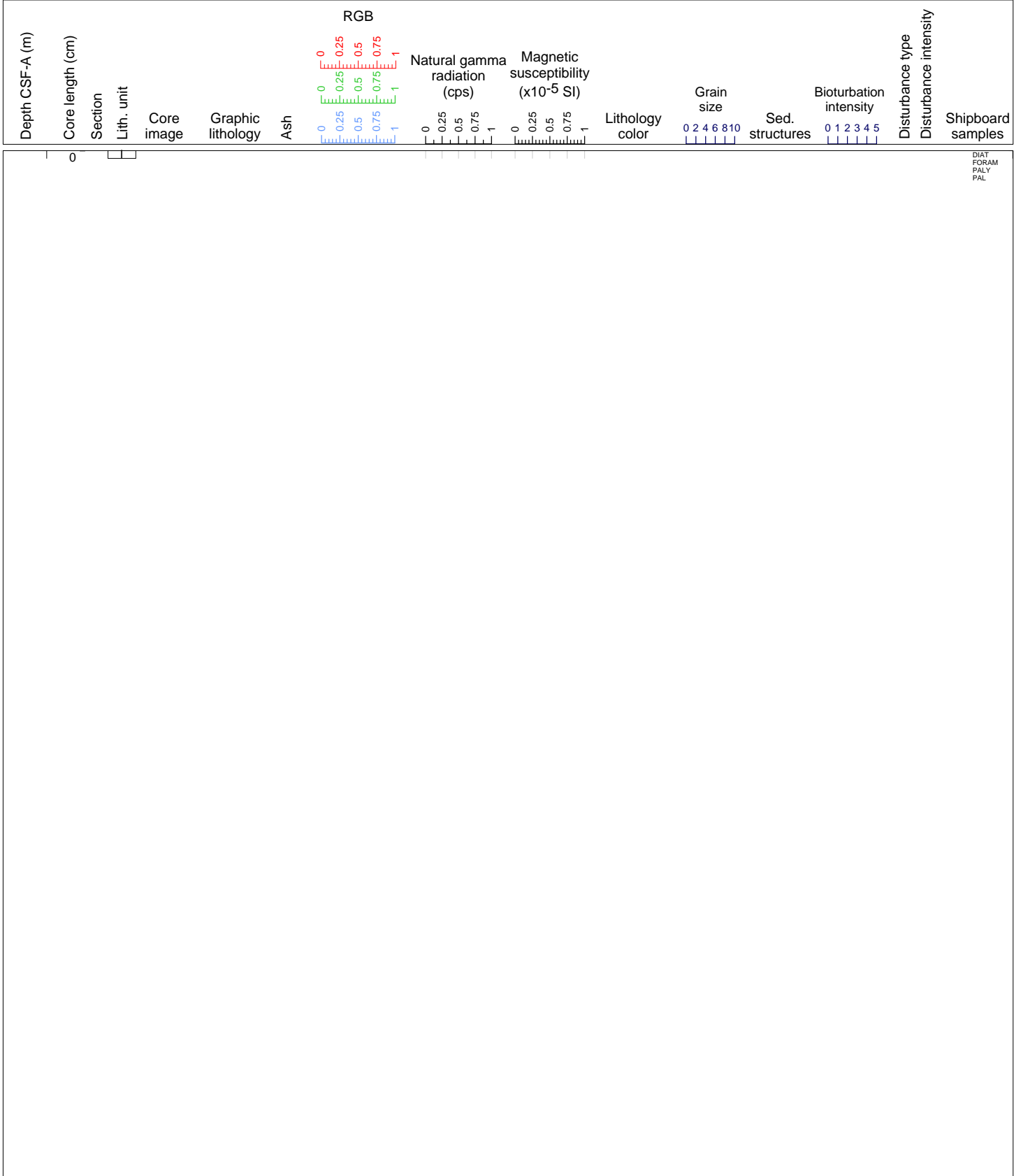
Hole 396-U1569A Core 1R, Interval 0.0-3.34 m (CSF-A)

Core 1 mostly consists of gray (10YR 5/1) CLAY. The first section contains foraminifers. The bottom of the core contains more silt. Drilling disturbance is slight to moderate with a soupy aspect.



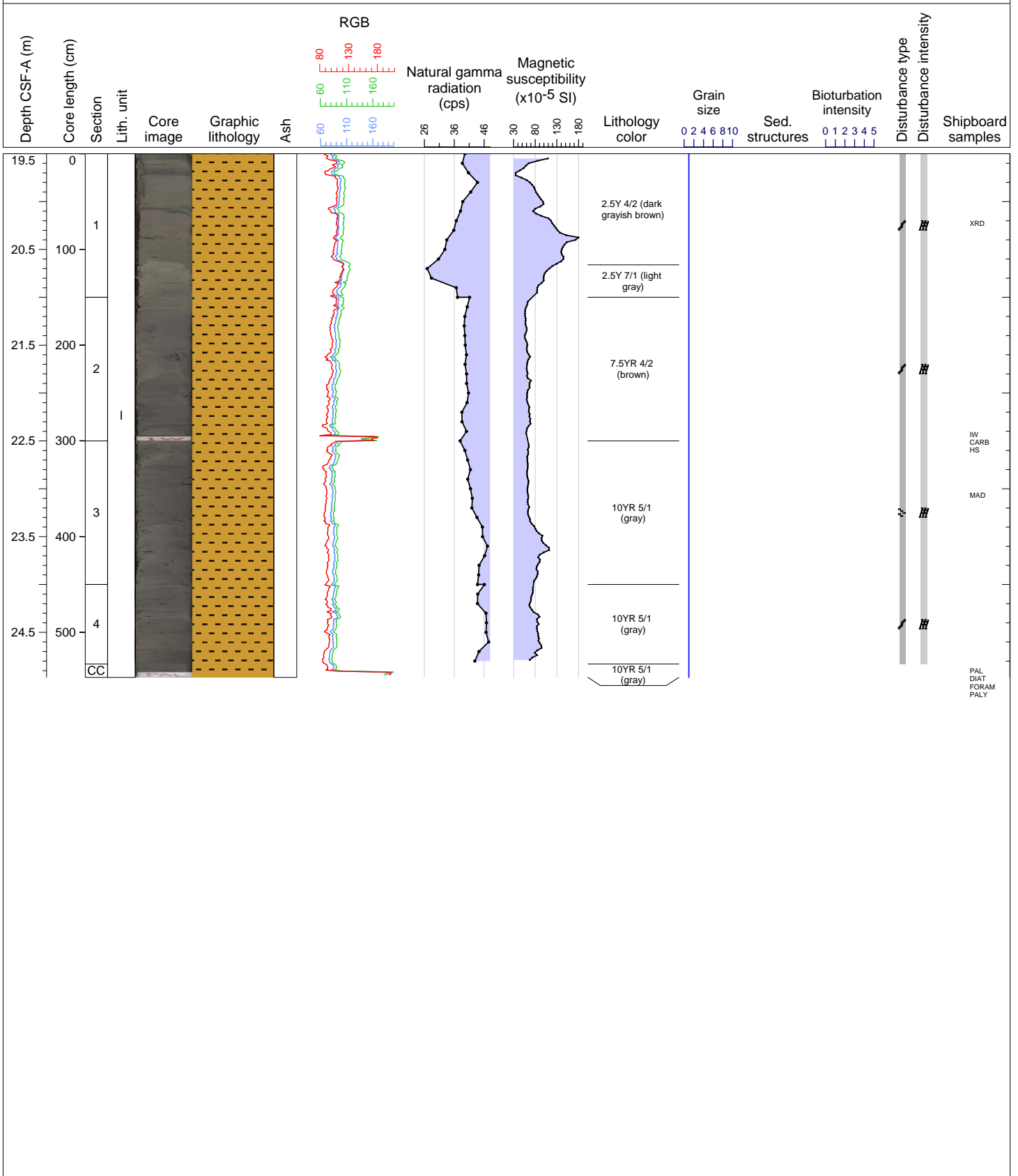
Hole 396-U1569A Core 2R, Interval 9.8-9.88 m (CSF-A)

ALL TO PAL



Hole 396-U1569A Core 3R, Interval 19.5-24.97 m (CSF-A)

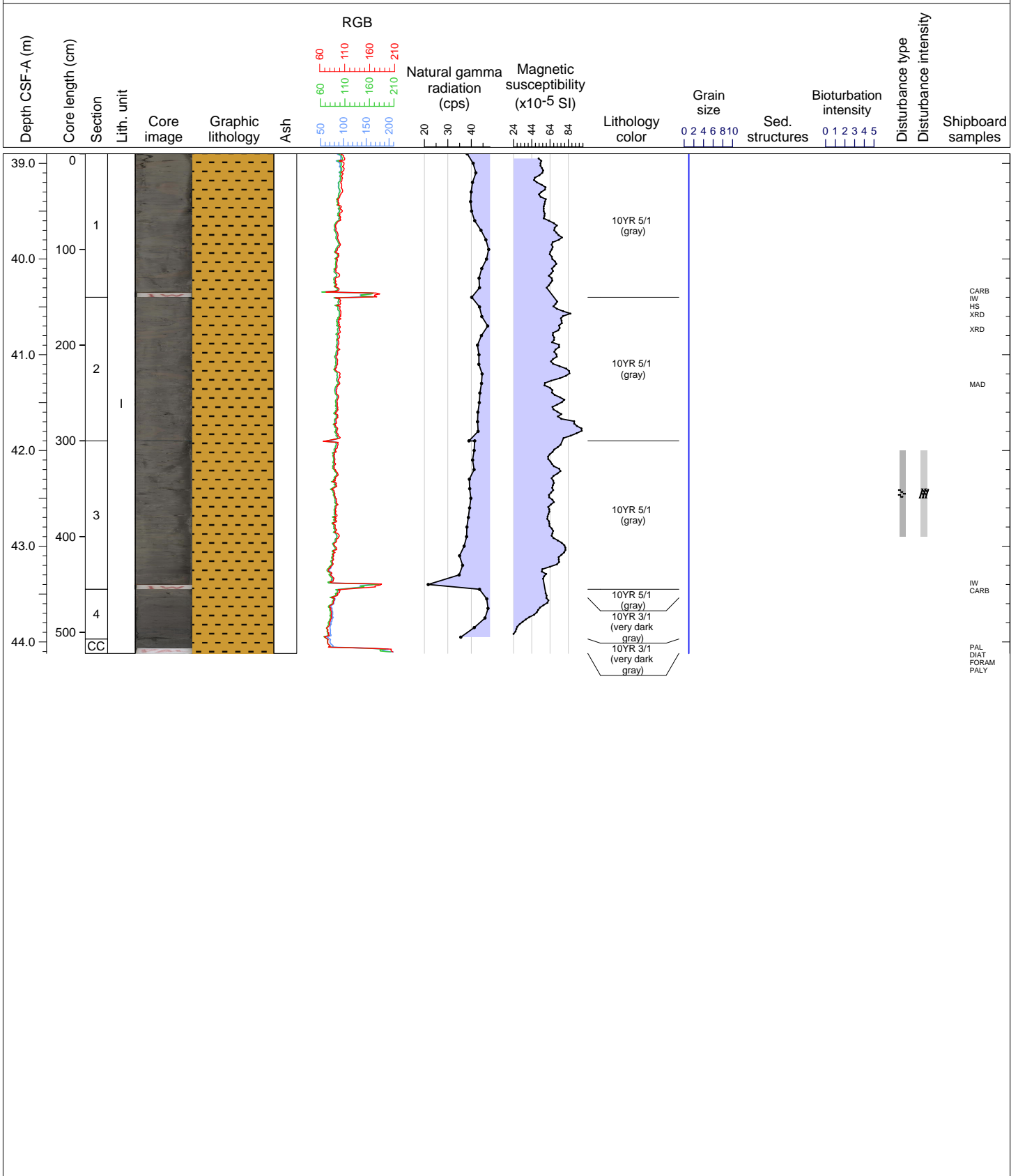
Drilling disturbance is moderate to high with up-arching. Core 3 consists of gray (10YR 5/1) CLAY with silt. Coal and organic matter are observed .





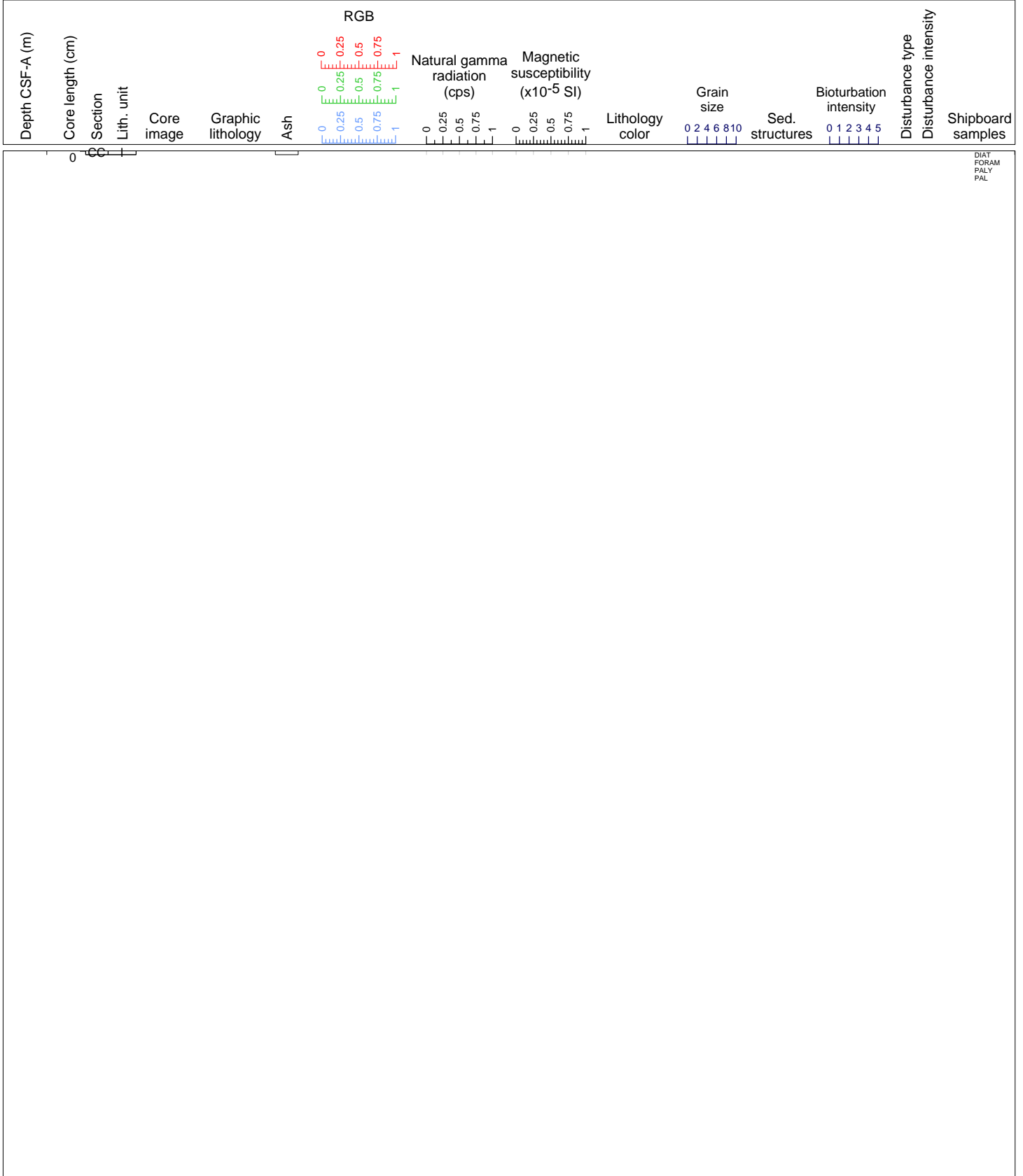
Hole 396-U1569A Core 5R, Interval 38.9-44.12 m (CSF-A)

Drilling disturbance is moderate to high with slurry. Core 5 consists of gray (10YR 5/1) to very dark gray (10YR 3/1) CLAY with silt. Presence of dropstone locally.



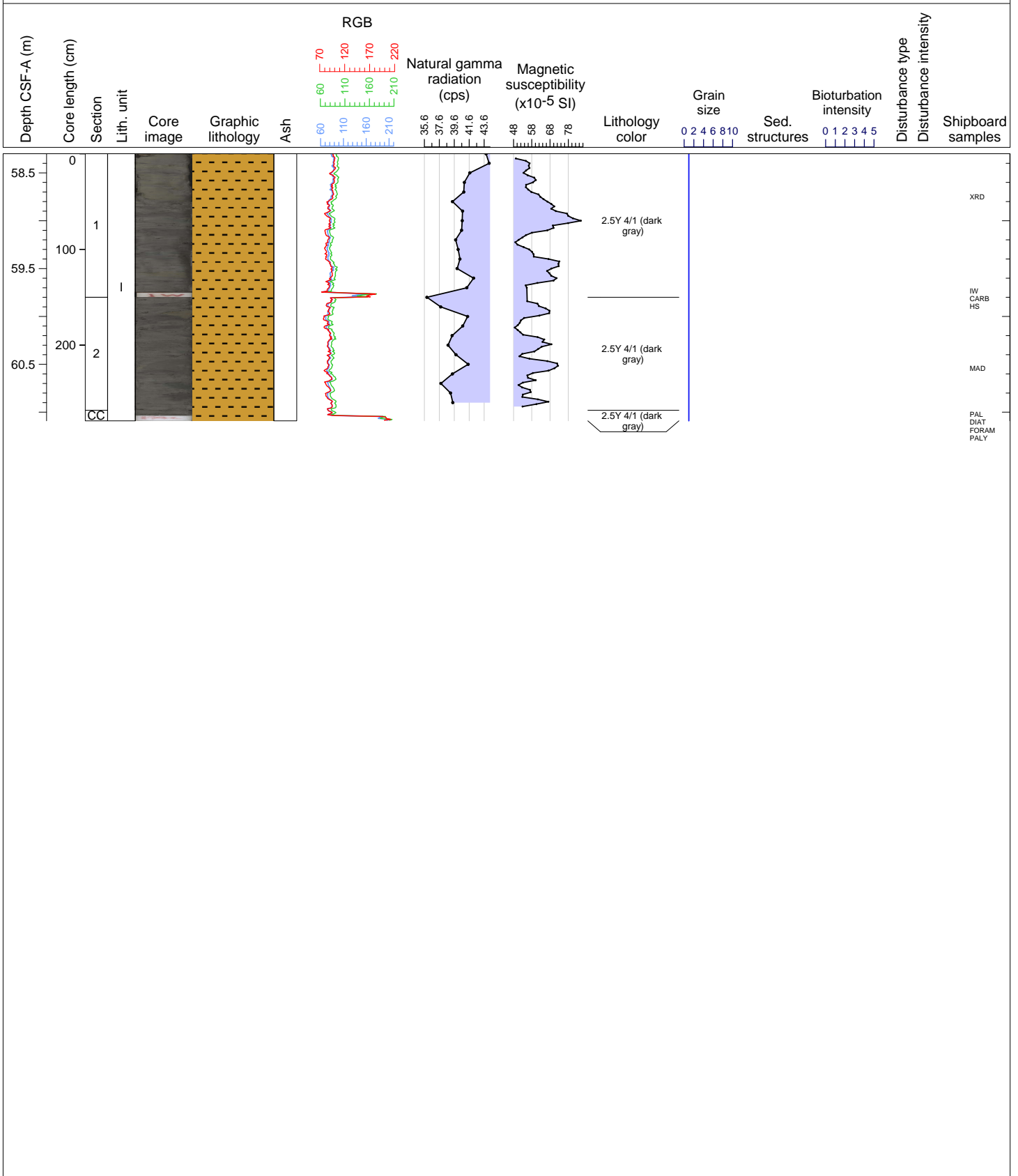
Hole 396-U1569A Core 6R, Interval 48.6-48.64 m (CSF-A)

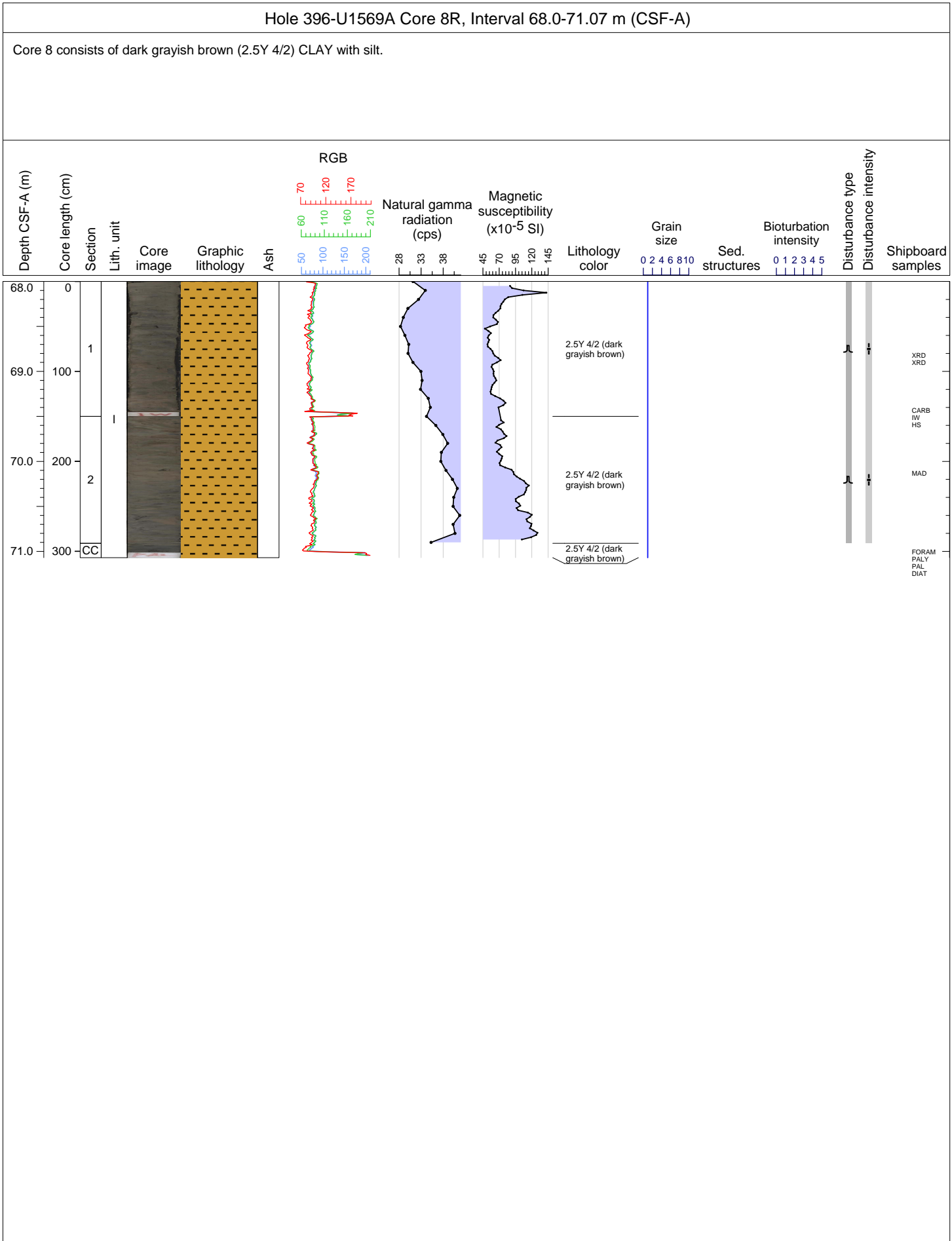
ALL TO PAL



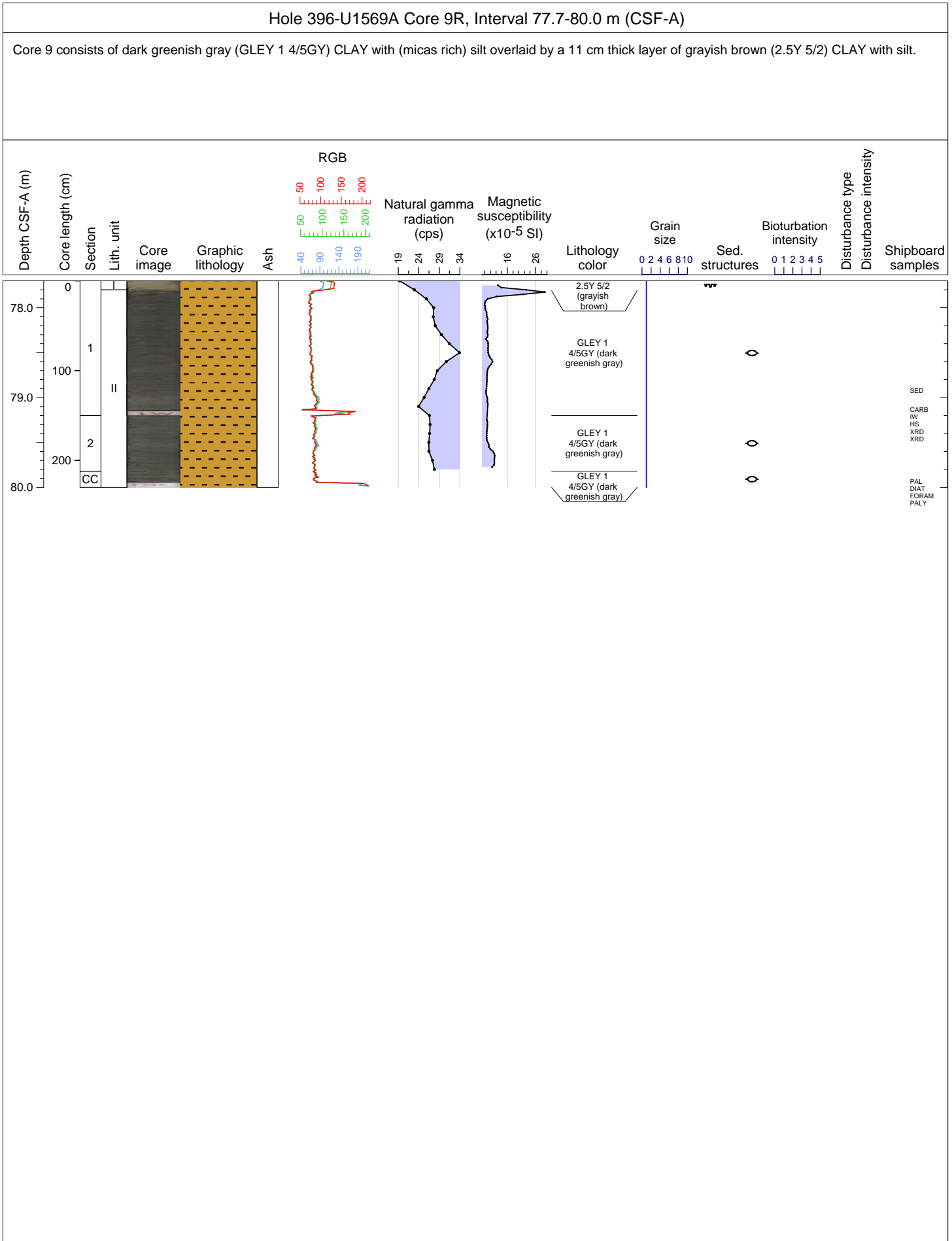
Hole 396-U1569A Core 7R, Interval 58.3-61.09 m (CSF-A)

Core 7 consists of dark gray (2.5Y 4/1) CLAY with silt and dropstone.



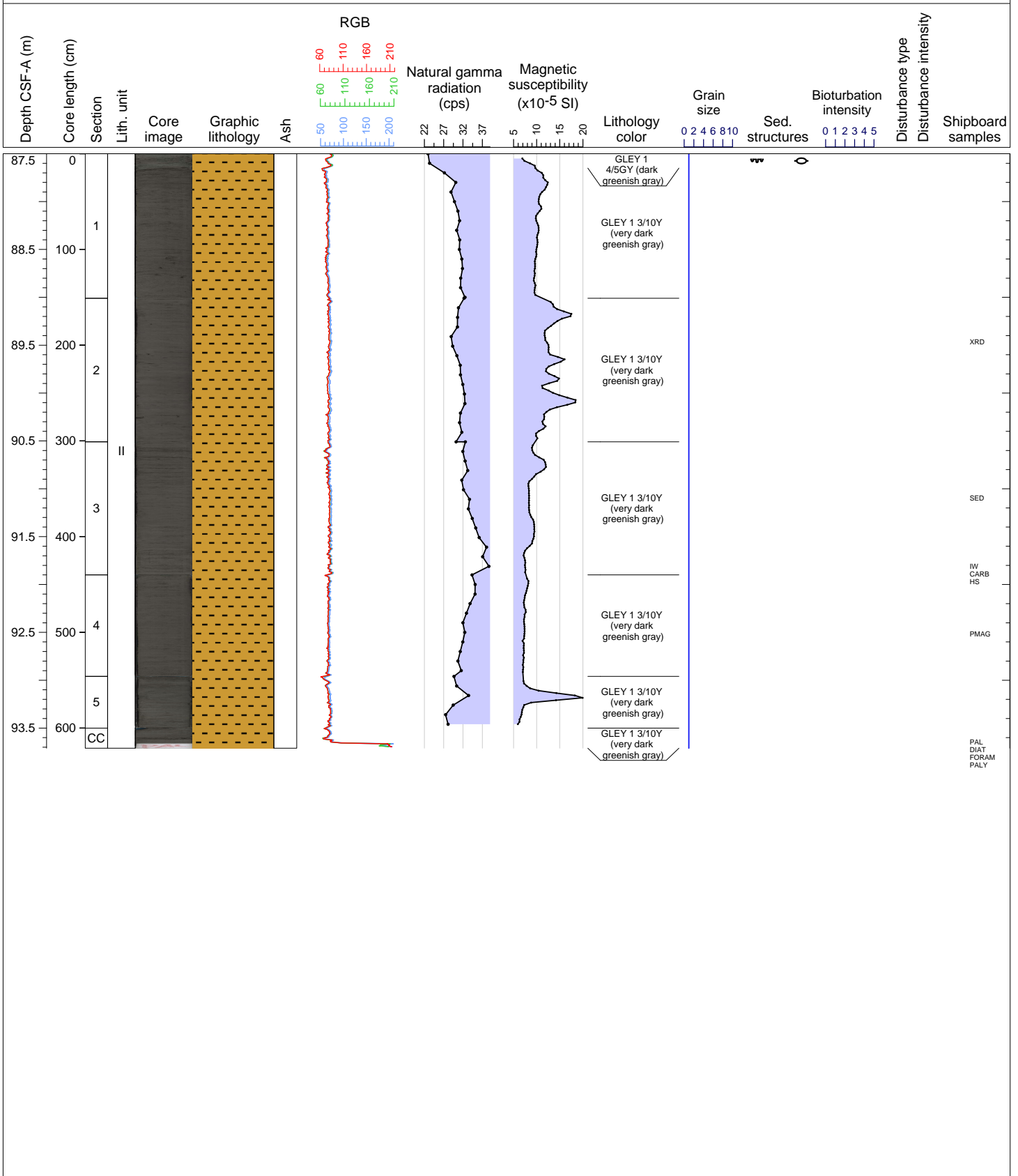






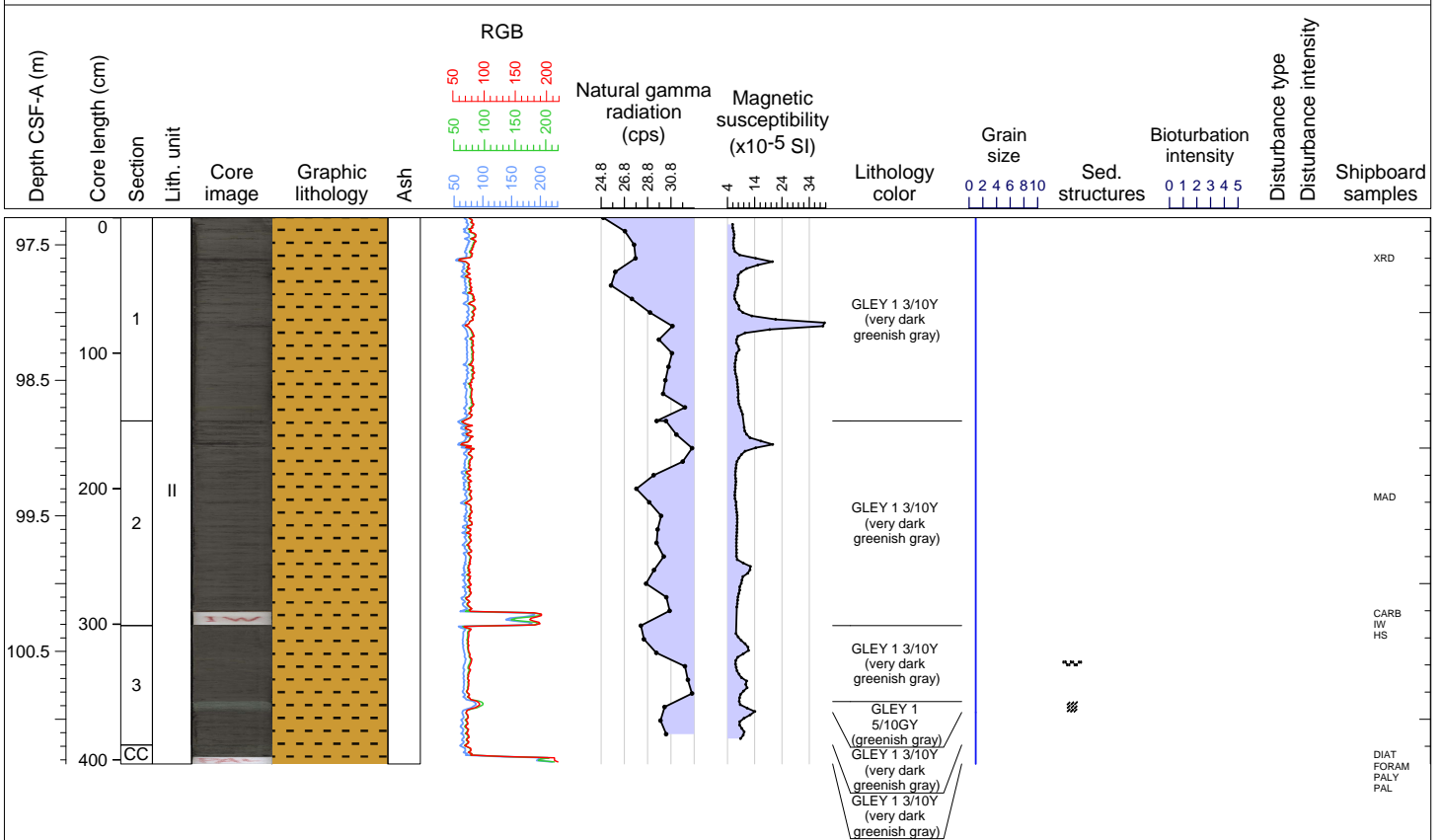
Hole 396-U1569A Core 10R, Interval 87.5-93.71 m (CSF-A)

Core 10 consists of very dark greenish gray (GLEY 1 3/10Y) CLAY with silt.



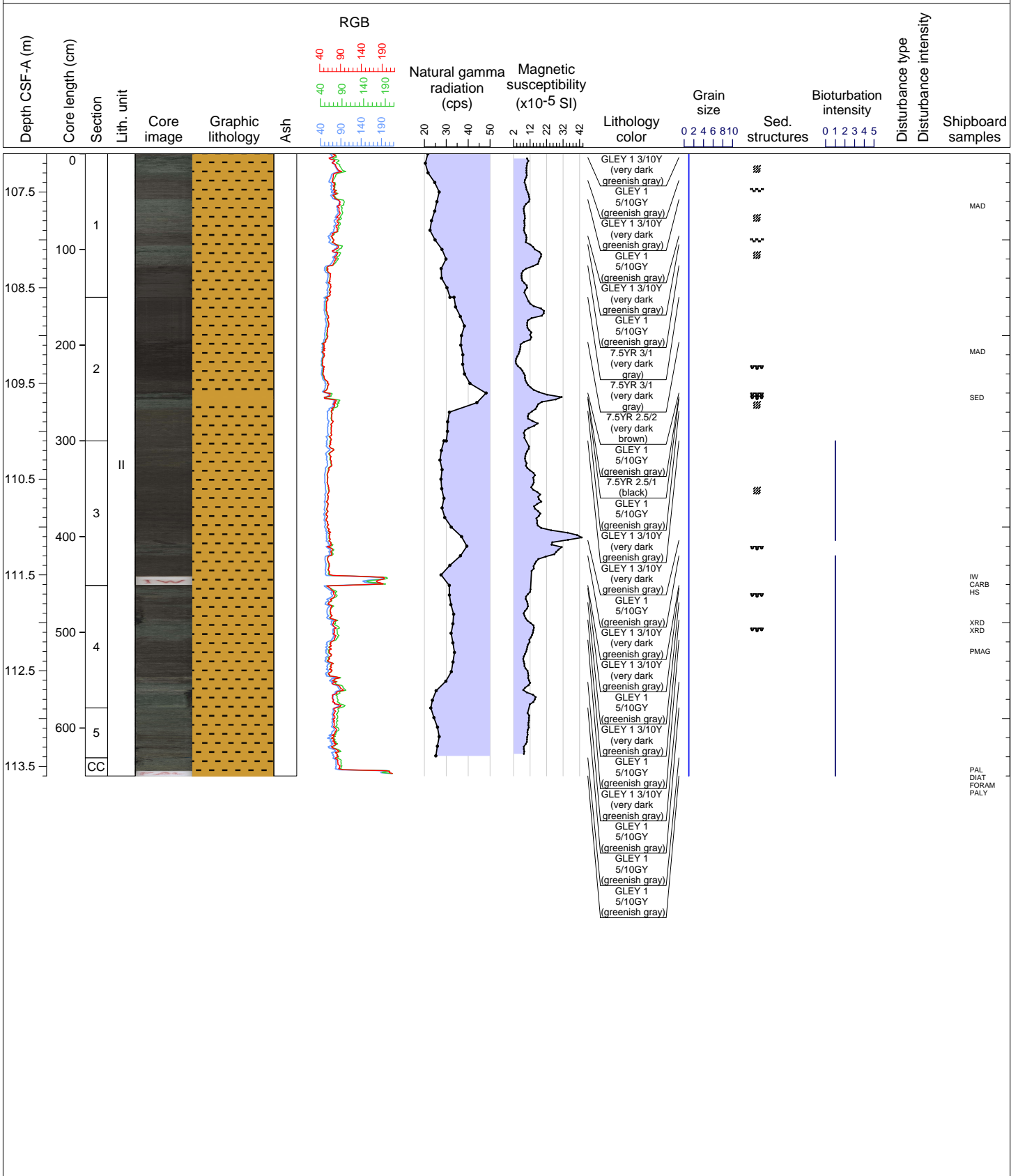
Hole 396-U1569A Core 11R, Interval 97.3-101.33 m (CSF-A)

Core 11 consists of very dark greenish gray (GLEY 1 3/10Y) CLAY with silt. In section 3, a 8cm thick greenish gray (GLEY 1 5/10GY) layer show sharp horizontal top contact and a gradational horizontal bottom contact.



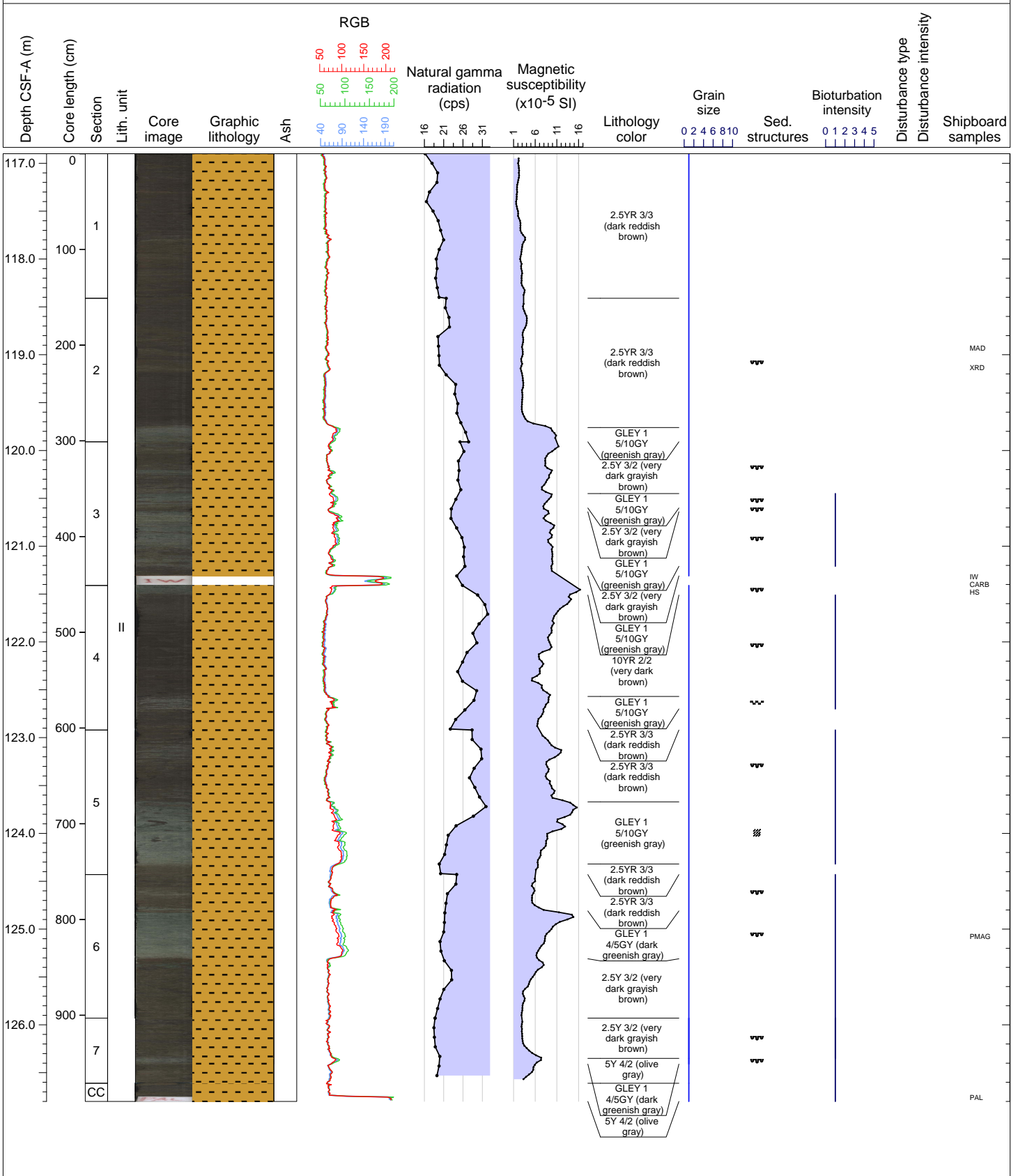
Hole 396-U1569A Core 12R, Interval 107.1-113.6 m (CSF-A)

Core 12 consists of greenish gray (GLEY 1 5/10GY) to very dark greenish gray (GLEY 1 3/10Y) CLAY with silt, and slight bioturbation.



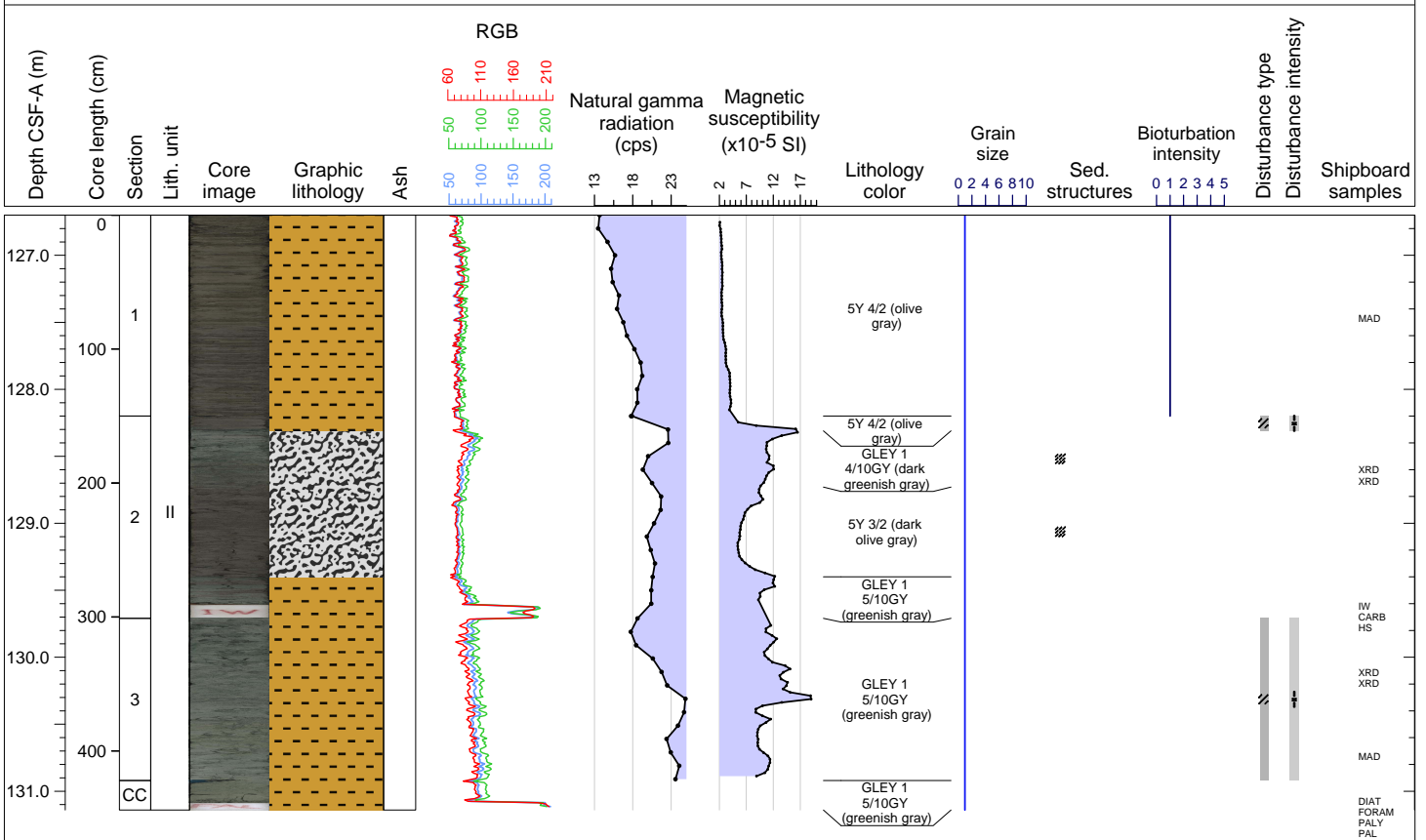
Hole 396-U1569A Core 13R, Interval 116.9-126.8 m (CSF-A)

Core 13 mostly consists of dark greenish gray (GLEY 1 4/5GY) to dark reddish brown (2.5YR 3/3) CLAY with silt, and slight bioturbation.



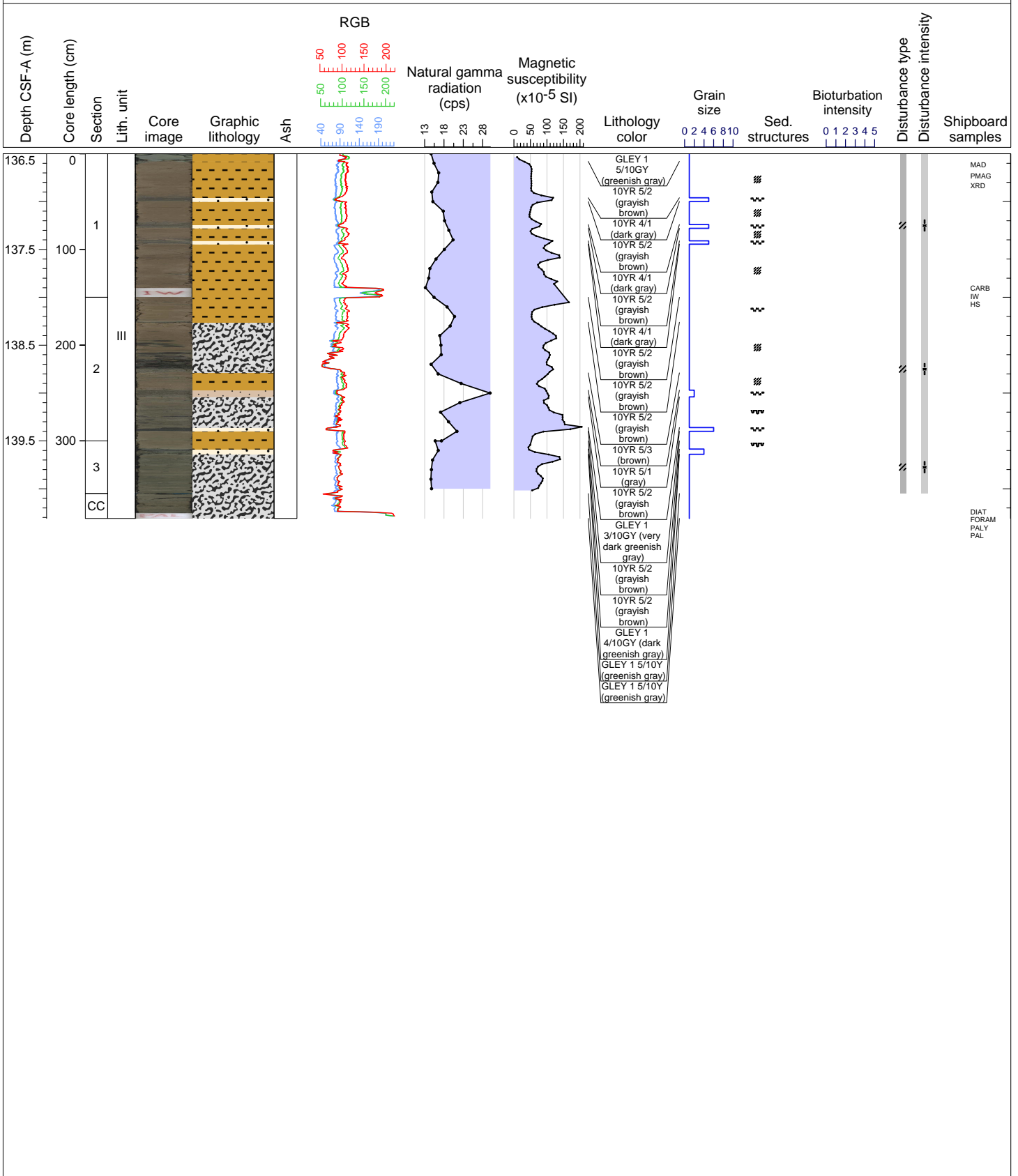
Hole 396-U1569A Core 14R, Interval 126.7-131.14 m (CSF-A)

Core 14 is composed of olive gray (5Y 4/2) CLAY with silt and dark greenish gray (GLEY 1 4/10GY) sand rich CLAY. The core was moderately fractured during drilling



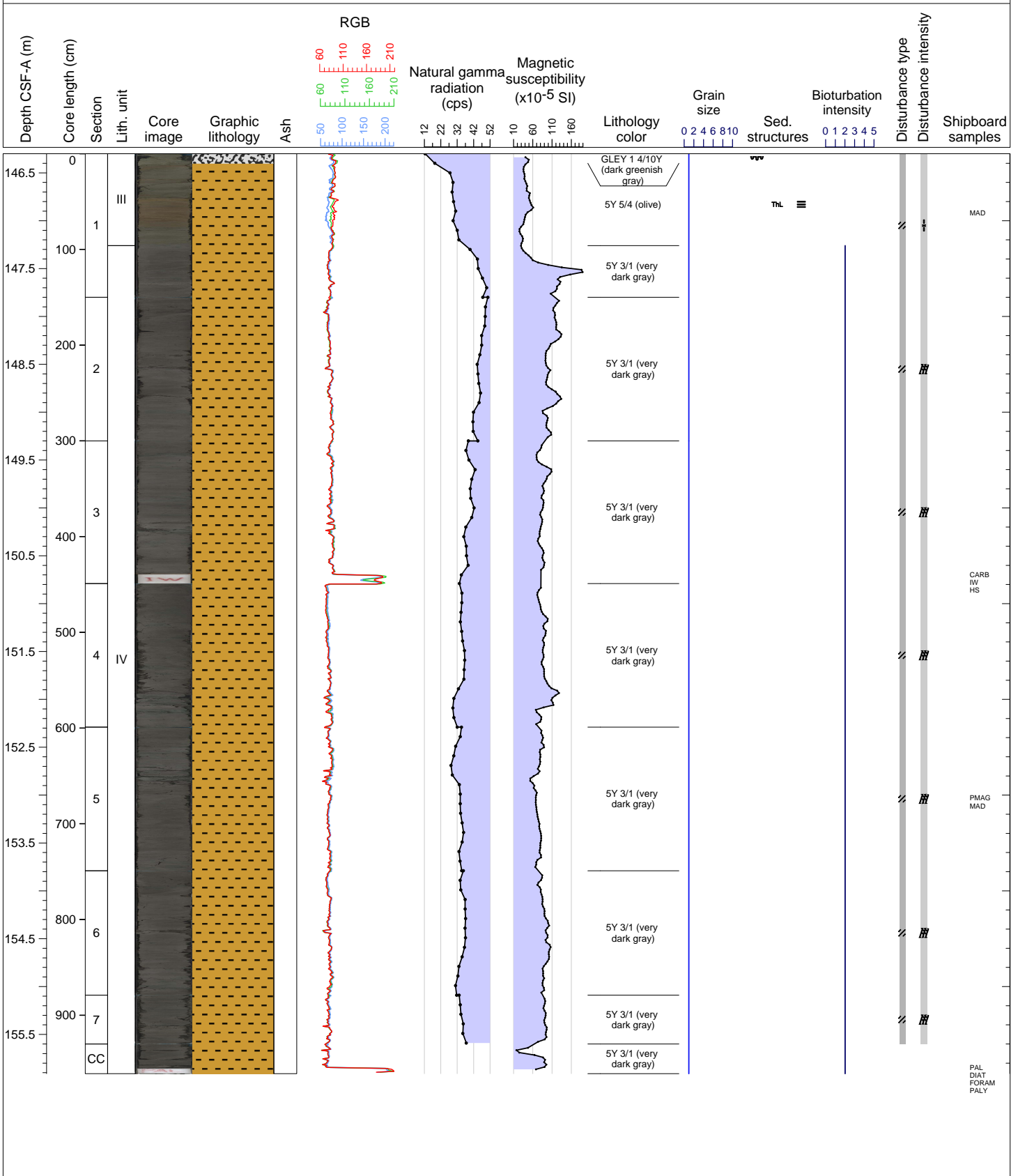
Hole 396-U1569A Core 15R, Interval 136.5-140.31 m (CSF-A)

Core 15 shows an alternation of grayish brown (10YR 5/2) CLAY, with dark gray (10YR 4/1) SAND with clay and greenish gray (GLEY 1 5/10Y) sand rich CLAY. The section 2 contains multi-centimeter scale high density concentric nodules. The core was moderately fractured during drilling.



Hole 396-U1569A Core 16R, Interval 146.3-155.91 m (CSF-A)

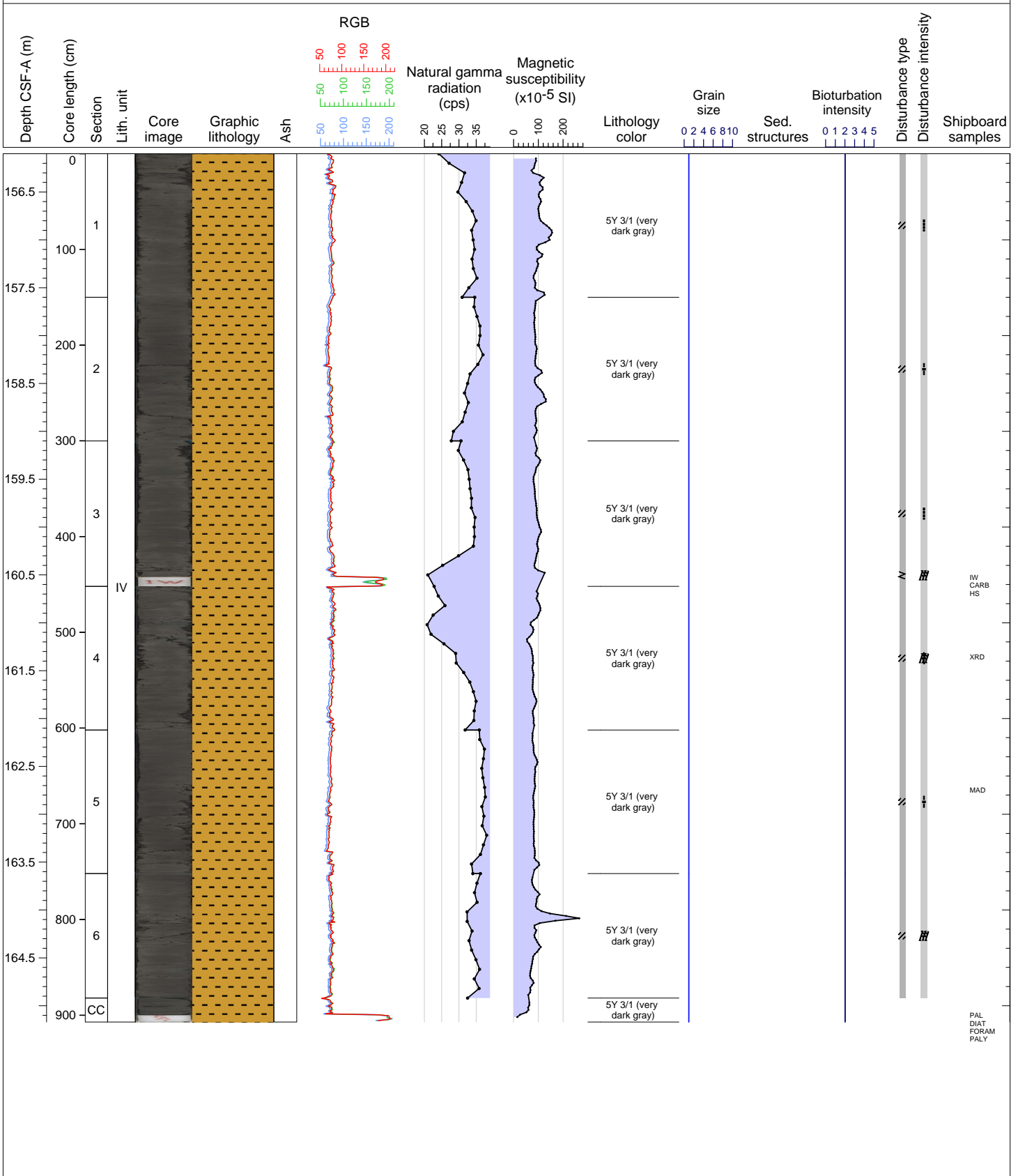
Core 16 consists of very dark gray (5Y 3/1) CLAY with silt and moderate bioturbation. The core was moderately to highly fractured during drilling.





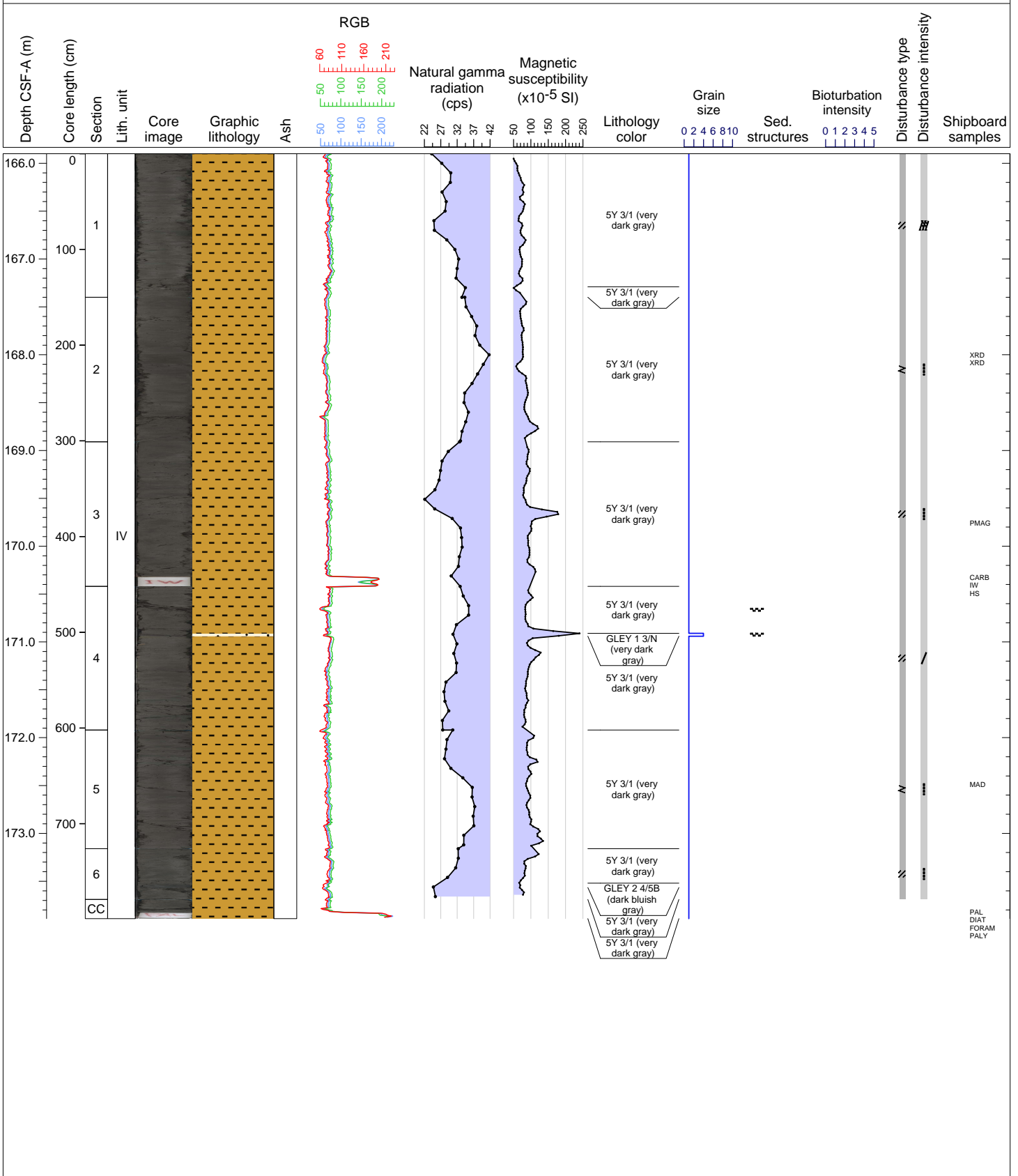
Hole 396-U1569A Core 17R, Interval 156.1-165.17 m (CSF-A)

Core 17 consists of very dark gray (5Y 3/1) CLAY with silt and moderate bioturbation. The core was moderately fractured to slightly fragmented during drilling.



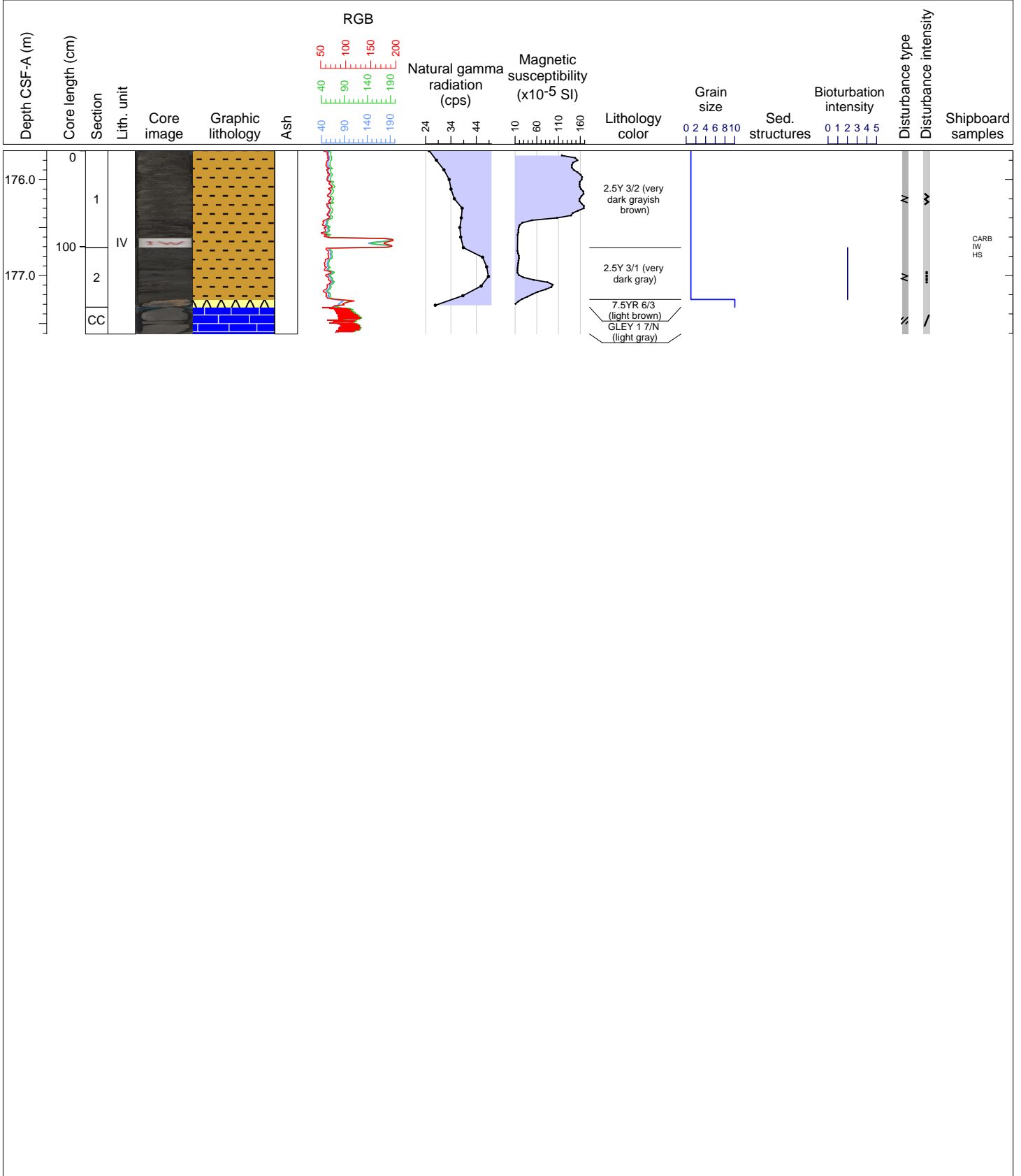
Hole 396-U1569A Core 18R, Interval 165.9-173.89 m (CSF-A)

Core 18 mostly consists of very dark gray (5Y 3/1) CLAY with silt. A 3 cm thick layer of very dark gray (GLEY 1 3/N) SAND with clay is observed in section 4. The core was moderately fractured to slightly fragmented during drilling.



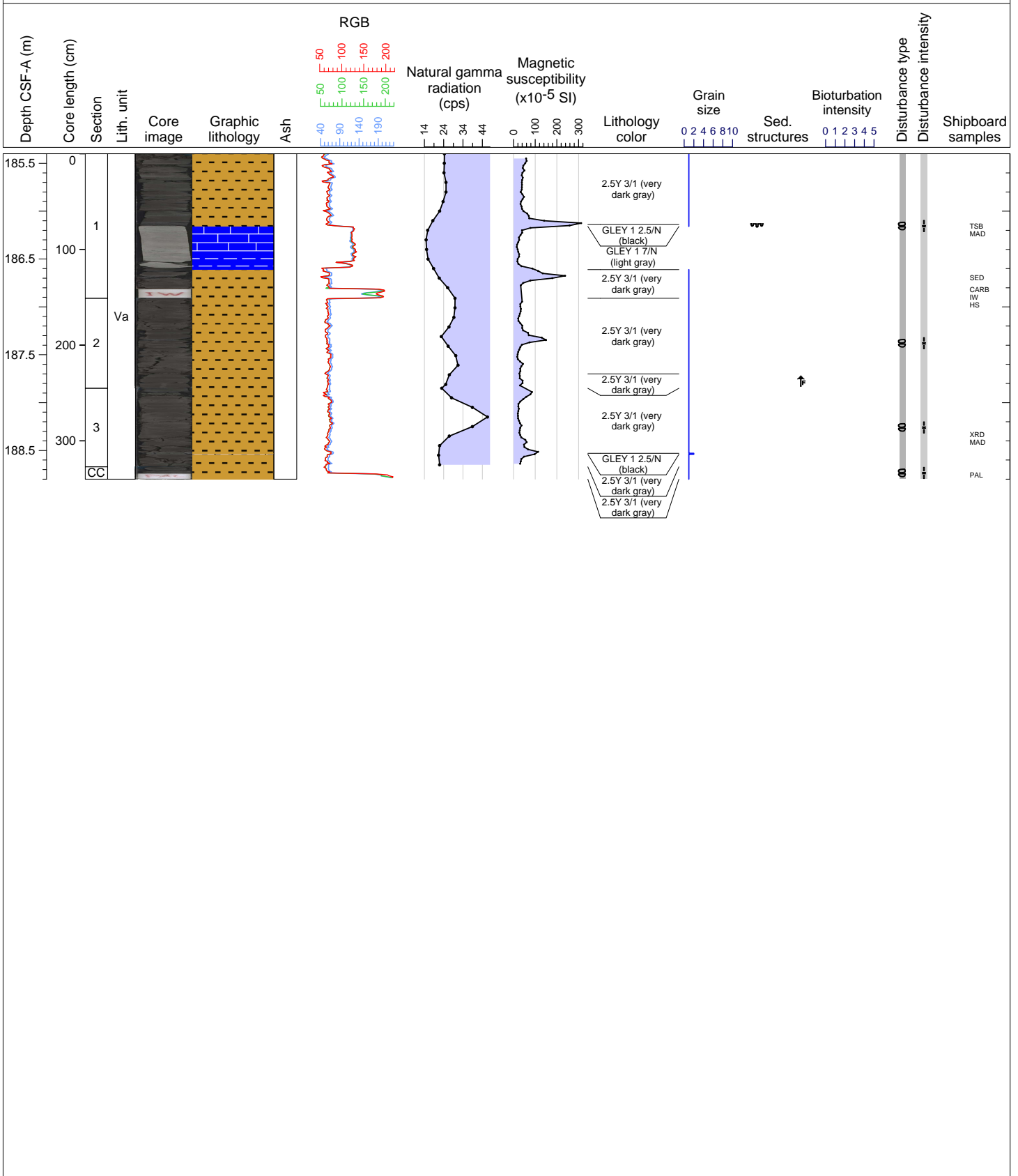
Hole 396-U1569A Core 19R, Interval 175.7-177.61 m (CSF-A)

The top of core 19 consists of very dark grayish brown (2.5Y 3/2) CLAY with silt and moderate bioturbations. At the bottom of section 2, a concretion of glendonite presenting well developed crystal faces is observed. Light gray (GLEY 1 7/N) LIMESTONE was found in the core catcher. The core was fragmented during drilling.



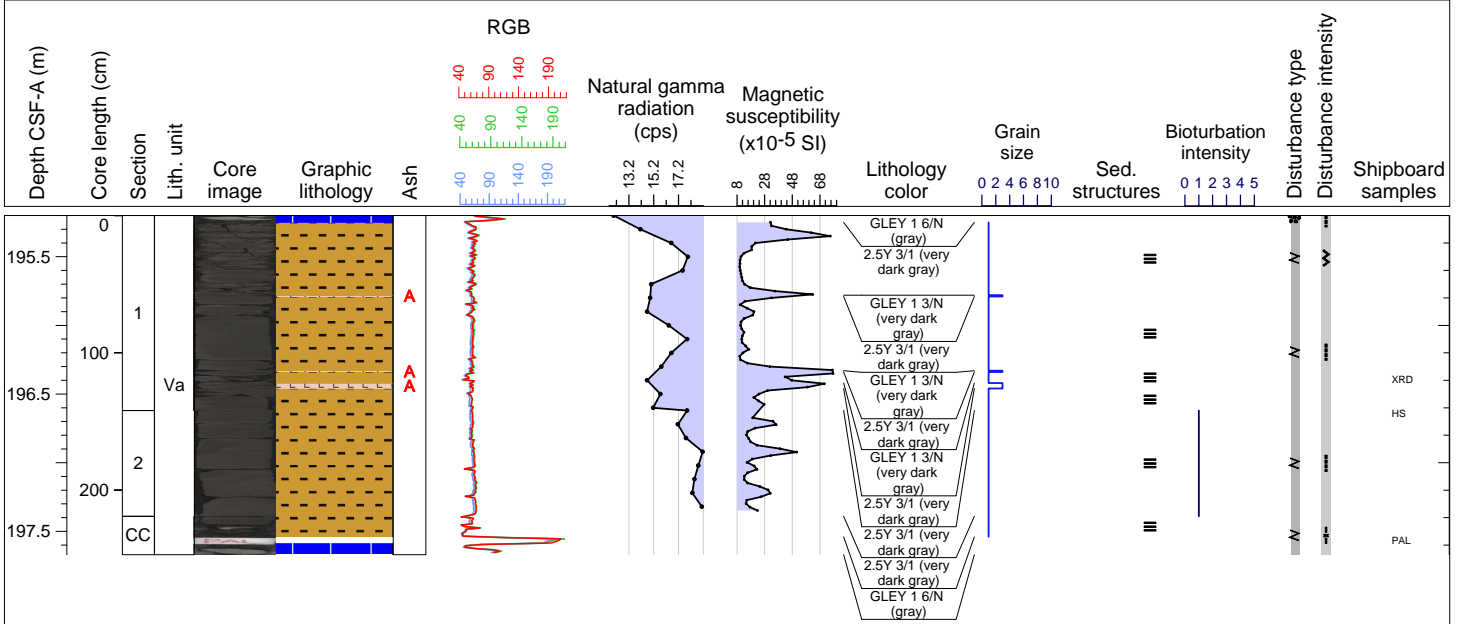
Hole 396-U1569A Core 20R, Interval 185.4-188.8 m (CSF-A)

Core 20 mostly consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt, with a layer of light gray (GLEY 1 7/N) LIMESTONE in section 1. The core was moderately buiscuited during drilling.



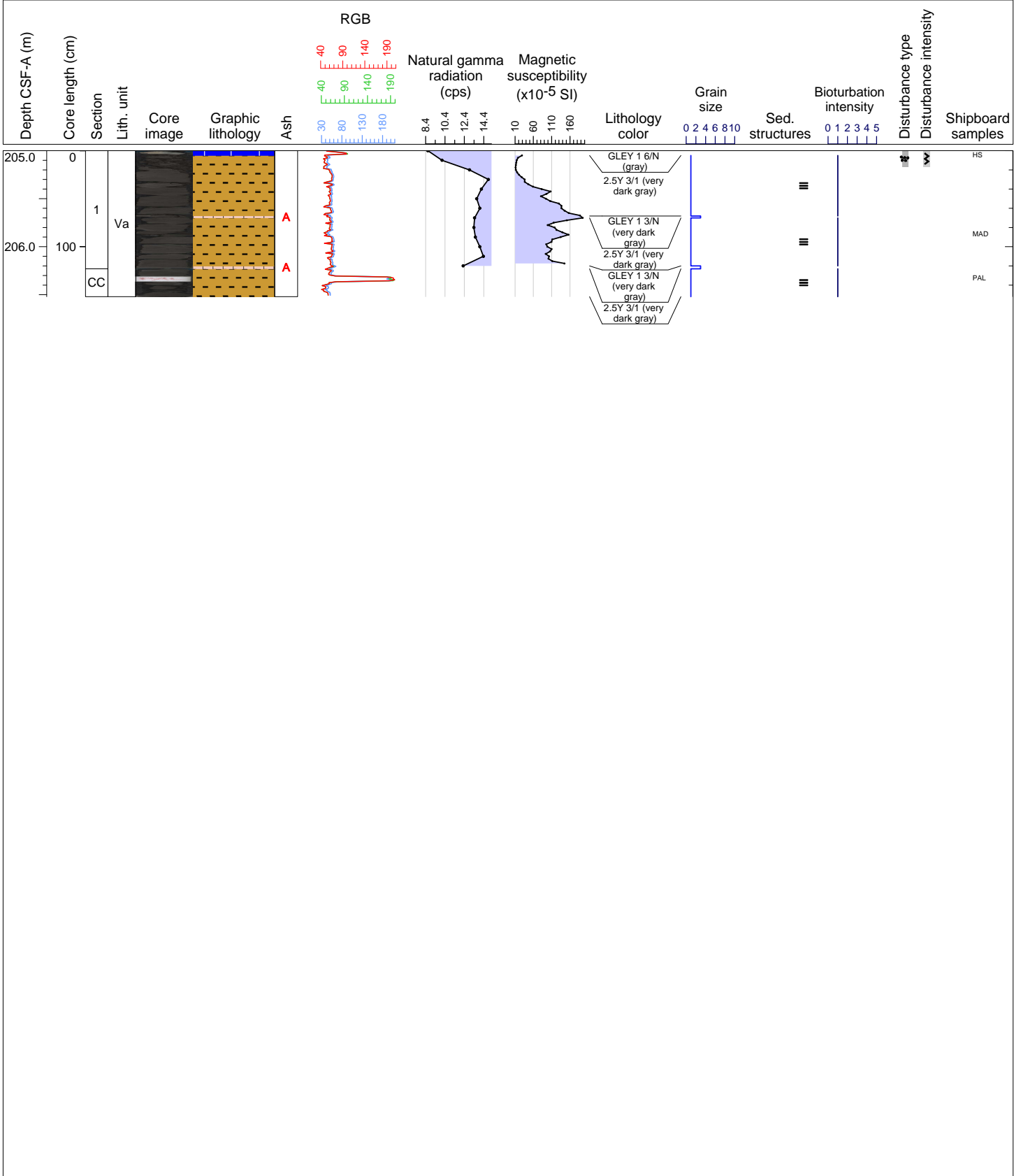
Hole 396-U1569A Core 21R, Interval 195.2-197.67 m (CSF-A)

Core 21 mostly consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt presenting parallel lamination and dewatering structures, with centimeter scale layers of very dark gray (GLEY 1 3/N) ASH with clay. Gray (GLEY 1 6/N) LIMESTONE was found in the core catcher.



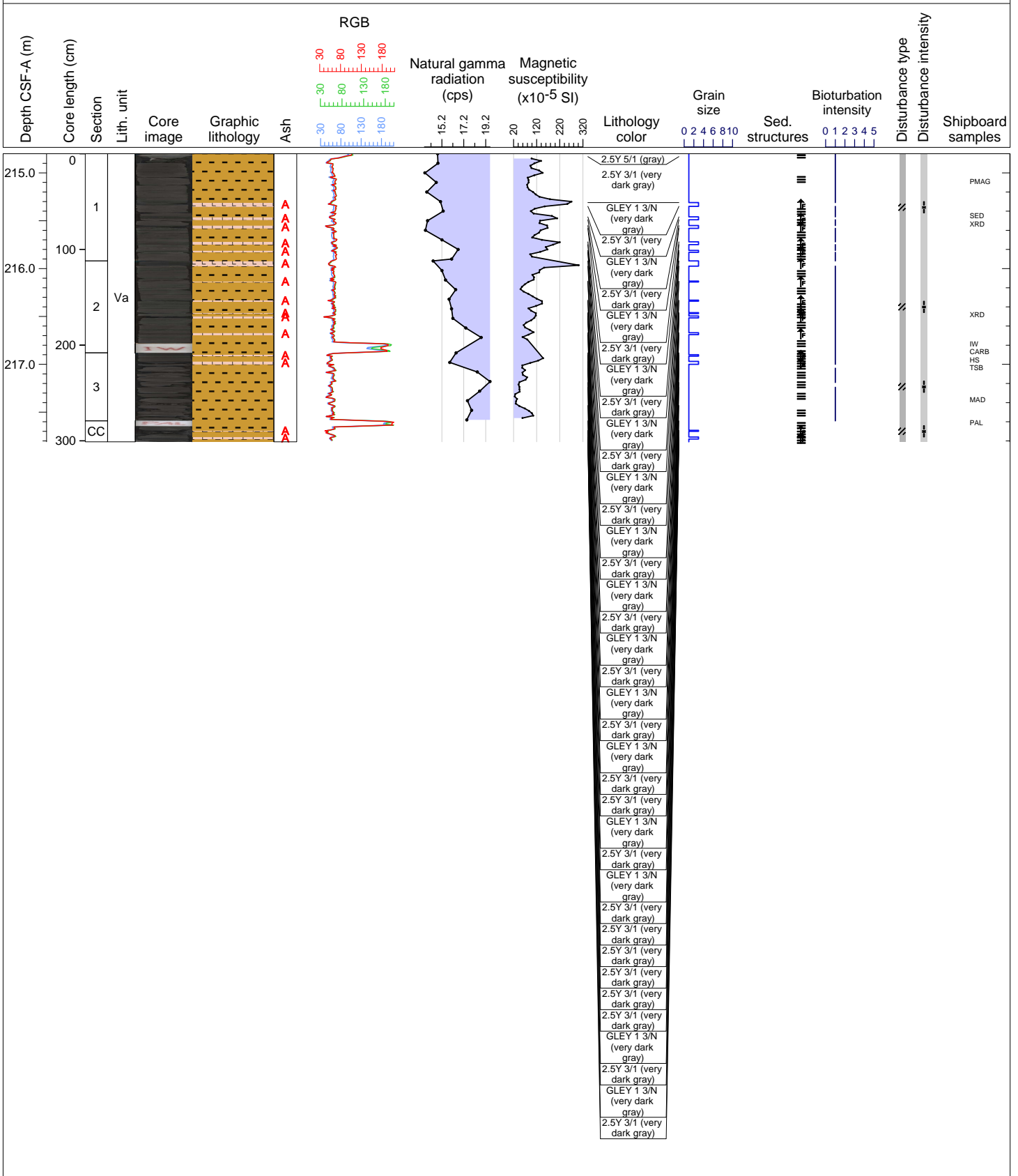
Hole 396-U1569A Core 22R, Interval 205.0-206.52 m (CSF-A)

Core 22 consists of layers of very dark gray (2.5Y 3/1) CLAYSTONE with silt, presenting parallel lamination and dewatering structures, and layers of very dark gray (GLEY 1 3/N) ASH with clay.



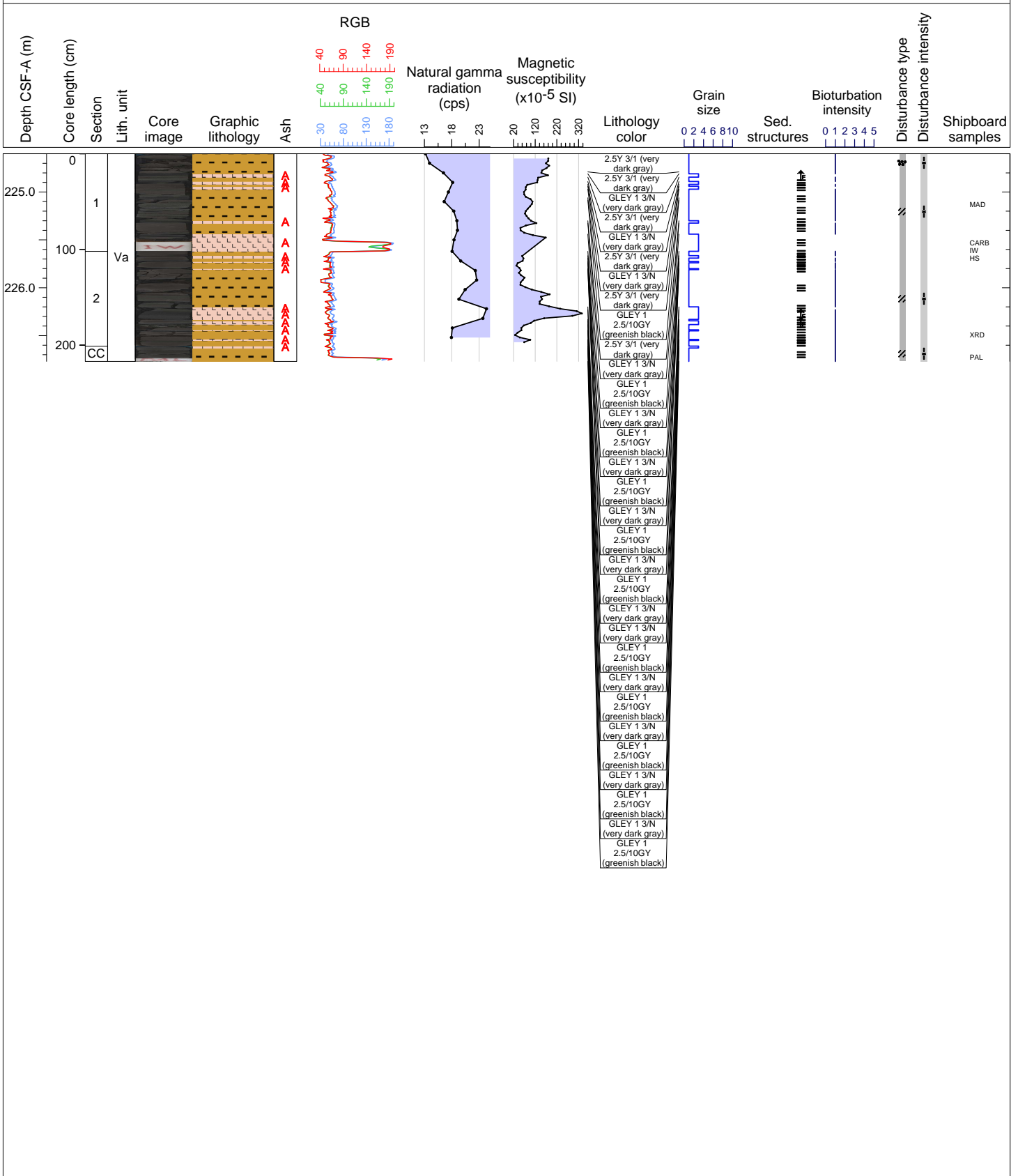
Hole 396-U1569A Core 23R, Interval 214.8-217.81 m (CSF-A)

Core 23 consists of a thin alternation of very dark gray (2.5Y 3/1) CLAYSTONE with silt presenting parallel lamination and very dark gray (GLEY 1 3/N) ASH with clay fining upward. The core was moderately fractured during drilling.



Hole 396-U1569A Core 24R, Interval 224.6-226.77 m (CSF-A)

Core 24 consists of a thin alternation of CLAYSTONE with silt presenting parallel lamination, and very dark gray (GLEY 1 3/N) ASH with clay fining upward. The color of the CLAYSTONE with silt changes progressively from very dark gray (2.5Y 3/1) to greenish black (GLEY 1 2.5/10GY). The core was moderately fractured during drilling.

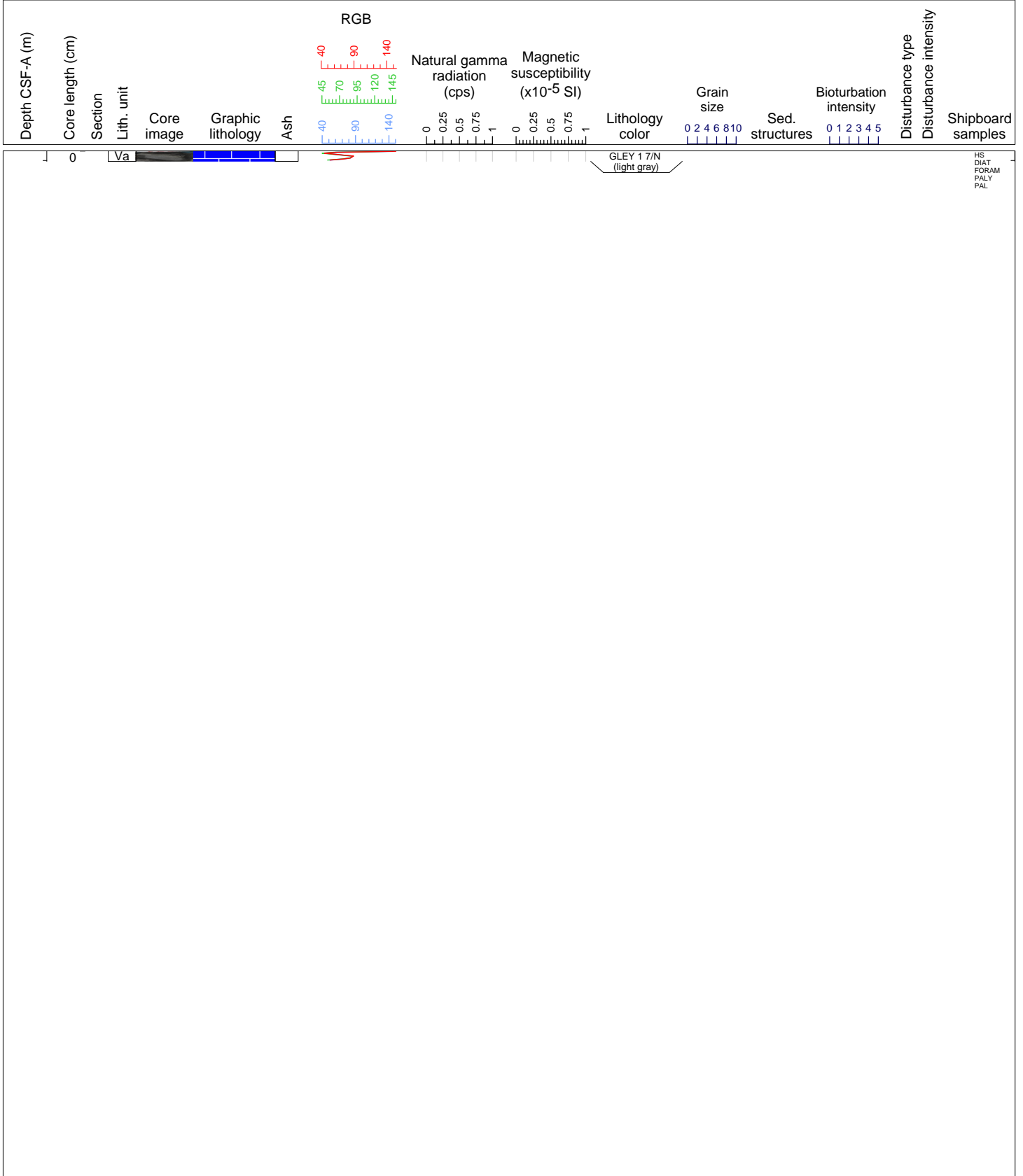






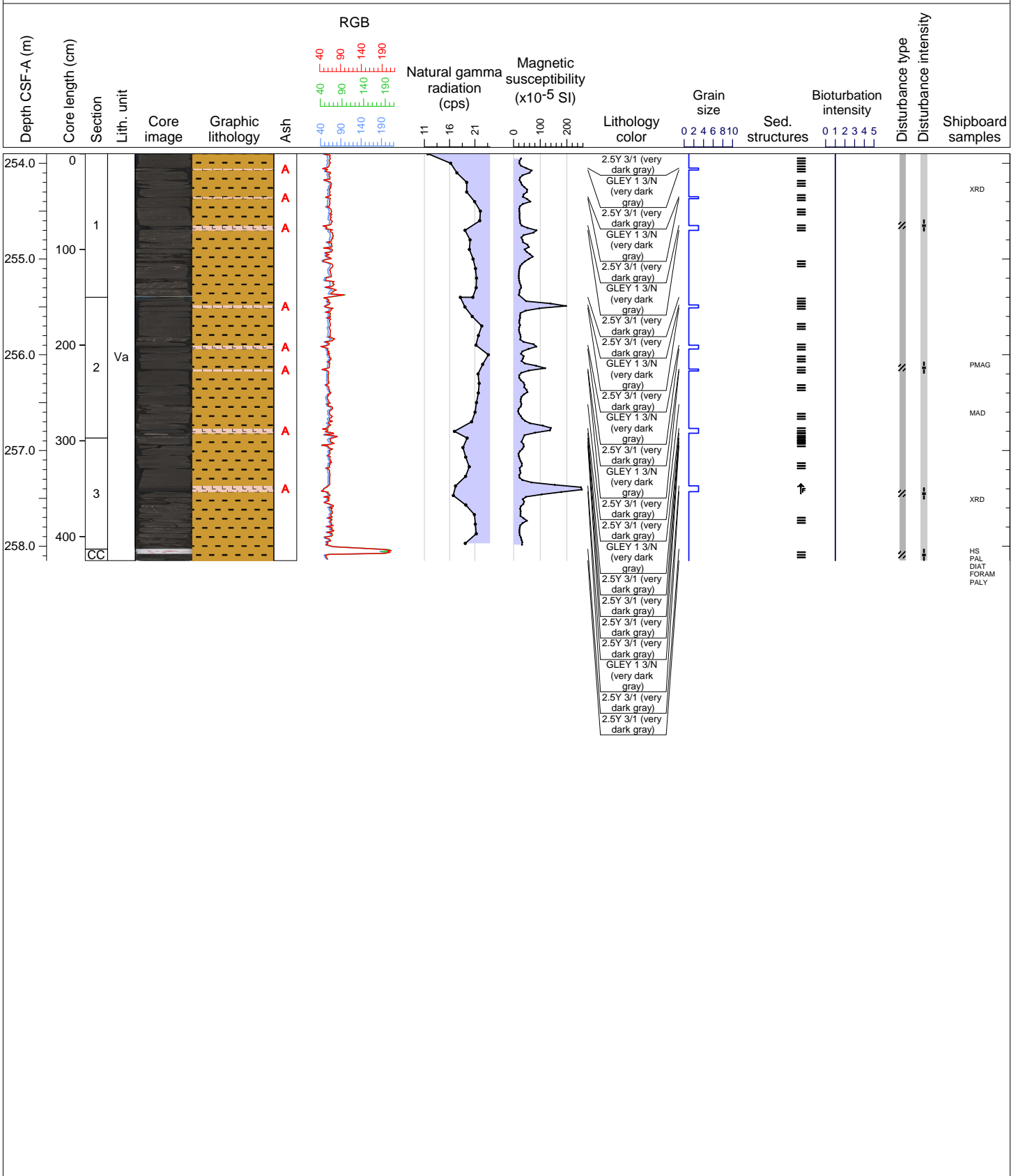
Hole 396-U1569A Core 26R, Interval 244.1-244.21 m (CSF-A)

Core 26 consists of a single 11cm long piece of light gray (GLEY 1 7/N) LIMESTONE.



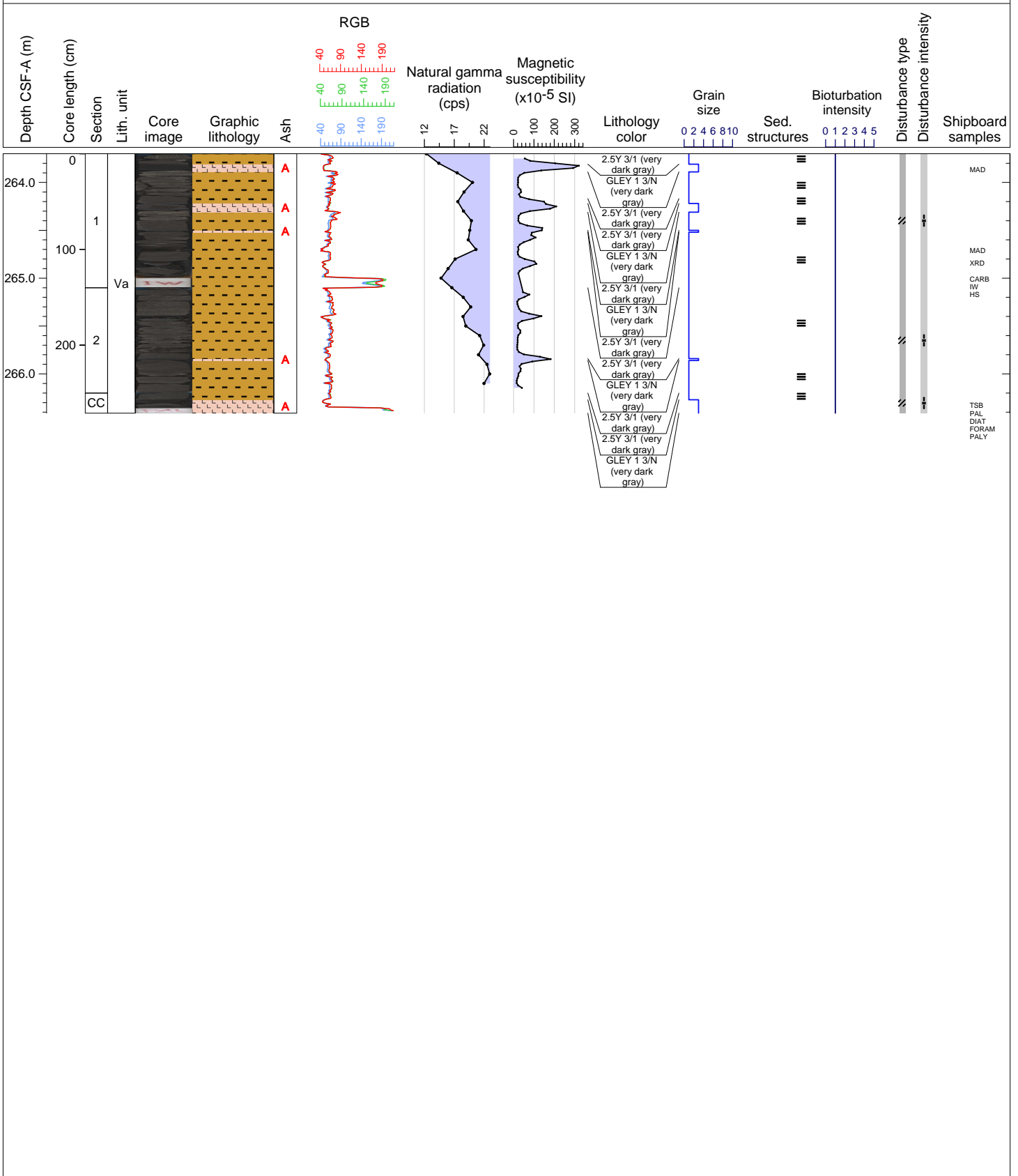
Hole 396-U1569A Core 27R, Interval 253.9-258.15 m (CSF-A)

Core 27 consists of a thin alternation of very dark gray (2.5Y 3/1) CLAYSTONE with silt presenting parallel lamination, slight bioturbation and dewatering structures, and very dark gray (GLEY 1 3/N) ASH with clay fining upward. The core was moderately fractured during drilling.



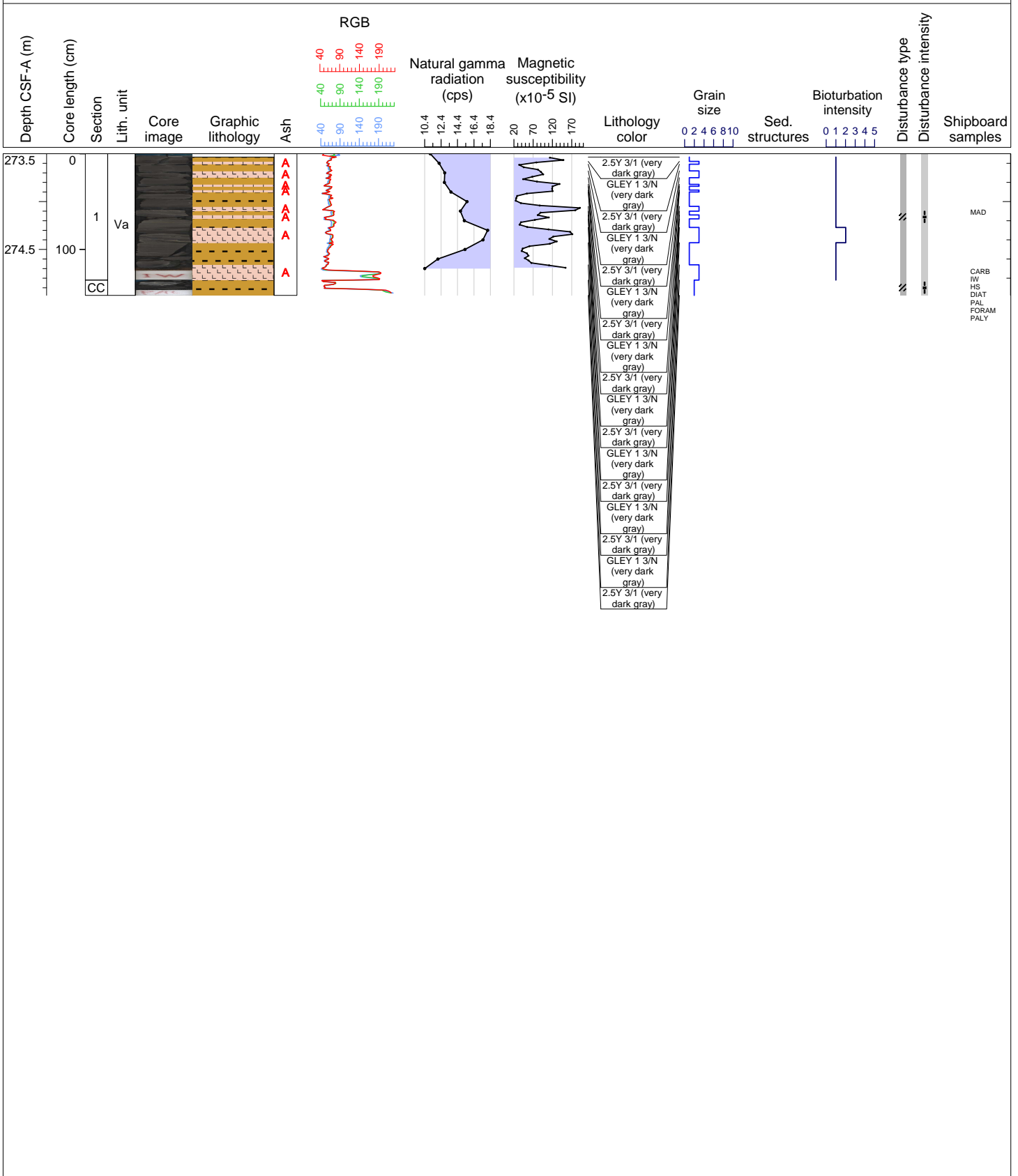
Hole 396-U1569A Core 28R, Interval 263.7-266.41 m (CSF-A)

Core 28 consists of a thin alternation of very dark gray (2.5Y 3/1) CLAYSTONE with silt presenting parallel lamination, slight bioturbation and dewatering structures, and very dark gray (GLEY 1 3/N) ASH with clay. The core was moderately fractured during drilling.



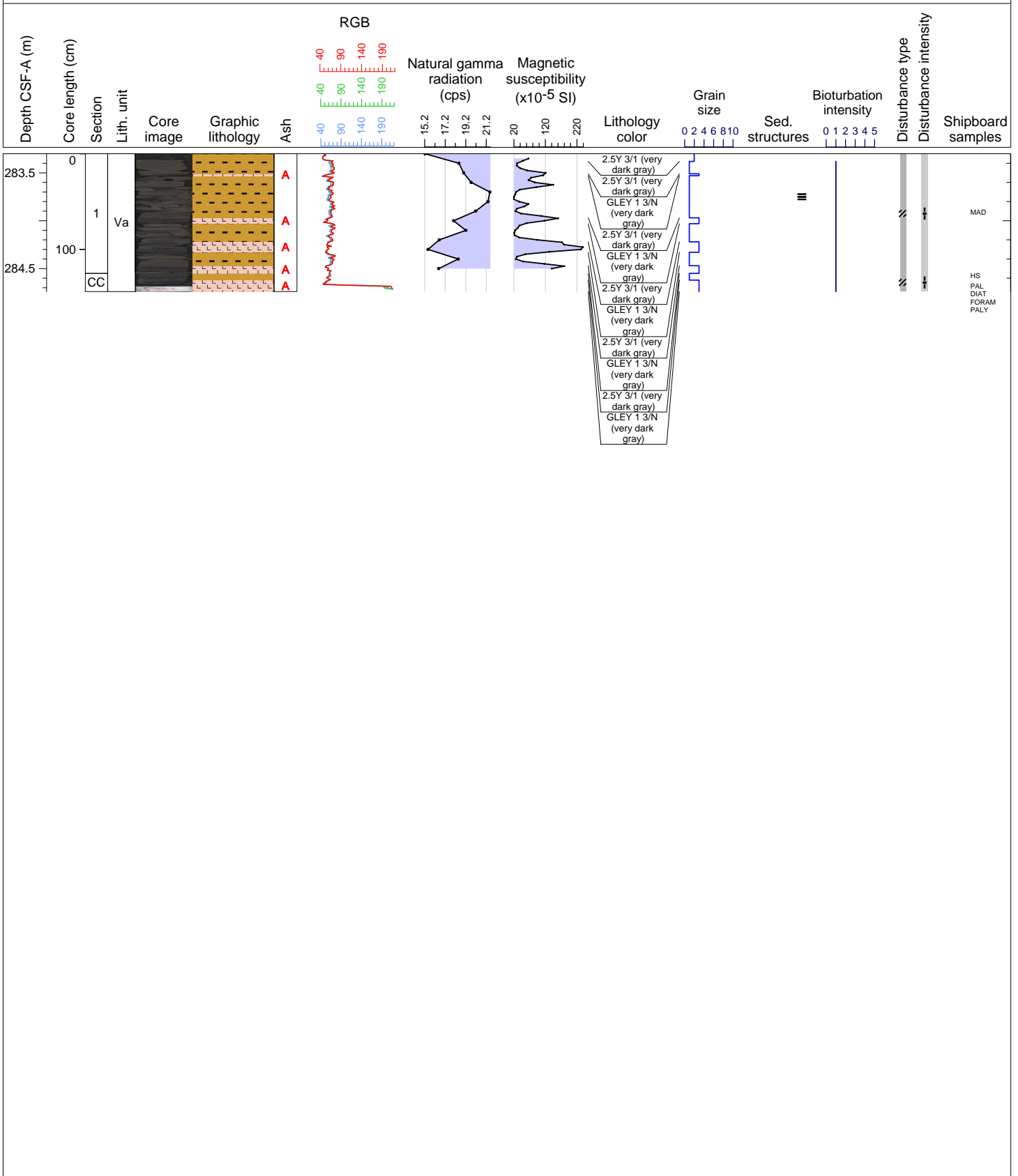
Hole 396-U1569A Core 29R, Interval 273.5-274.98 m (CSF-A)

Core 29 consists of a thin alternation of very dark gray (2.5Y 3/1) CLAYSTONE with silt presenting slight bioturbation and dewatering structures, and very dark gray (GLEY 1 3/N) ASH with clay. The core was moderately fractured during drilling.



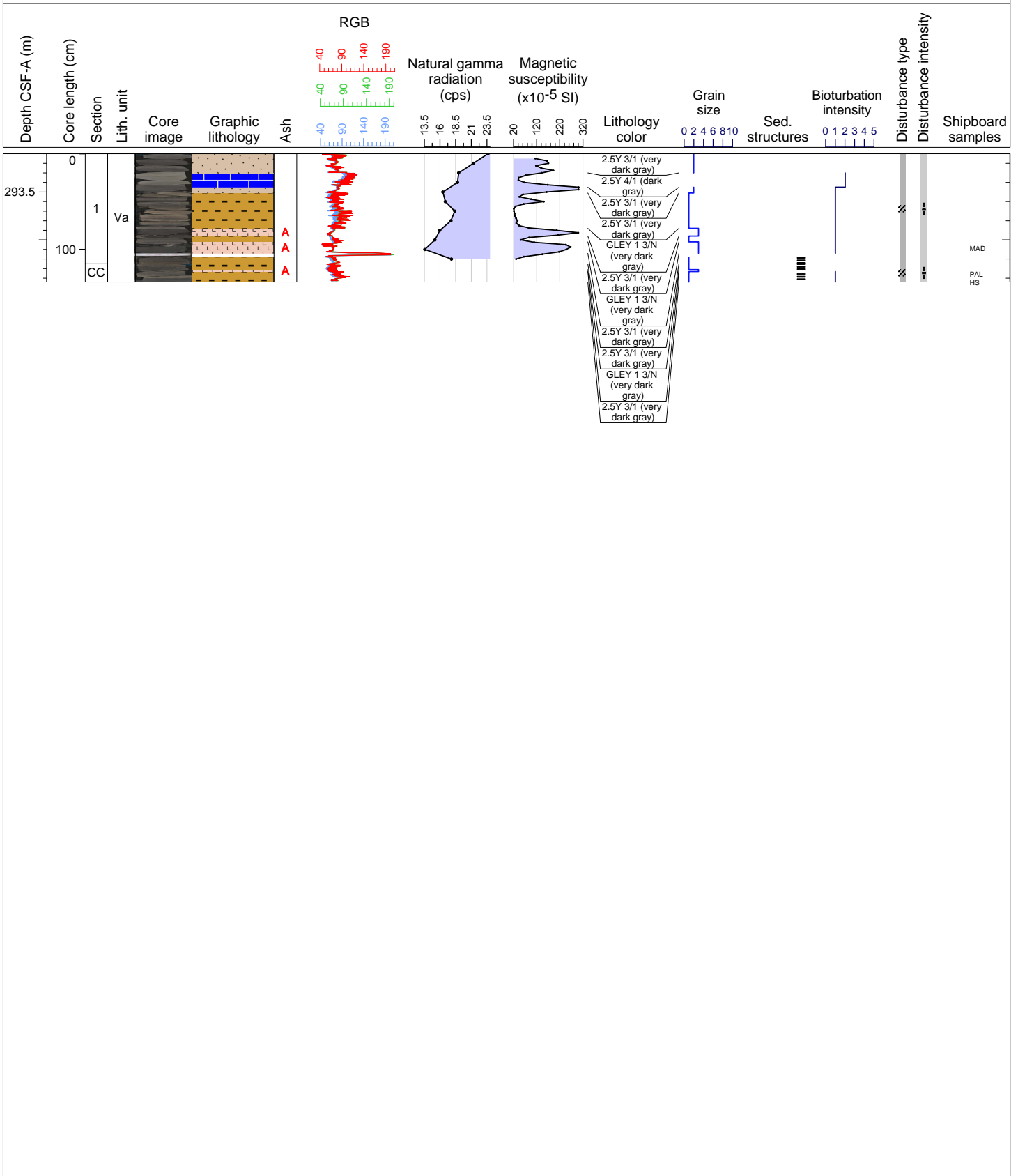
Hole 396-U1569A Core 30R, Interval 283.3-284.74 m (CSF-A)

Core 30 consists of a thin alternation of very dark gray (2.5Y 3/1) CLAYSTONE with silt presenting slight bioturbation and dewatering structures, and very dark gray (GLEY 1 3/N) ASH with clay. The core was moderately fractured during drilling.



Hole 396-U1569A Core 31R, Interval 293.1-294.44 m (CSF-A)

Core 31 mostly consists of a thin alternation of very dark gray (2.5Y 3/1) CLAYSTONE with silt presenting slight bioturbation and parallel lamination, and very dark gray (GLEY 1 3/N) ASH with clay. The top of the core (R-1A, 0-35cm) is more lithified and contains a 15cm thick layer of dark gray (2.5Y 4/1) LIMESTONE. The core was moderately fractured during drilling.



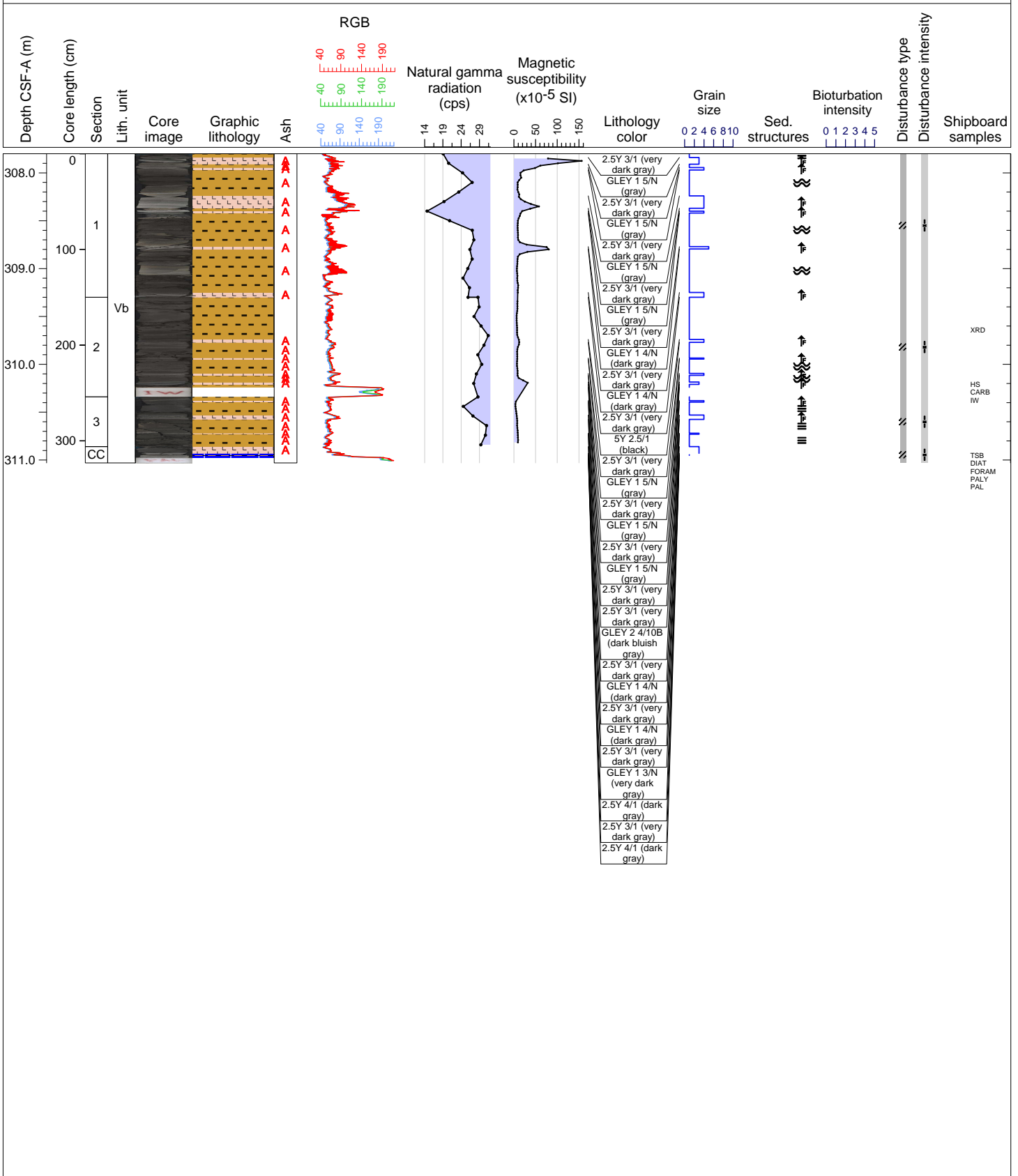






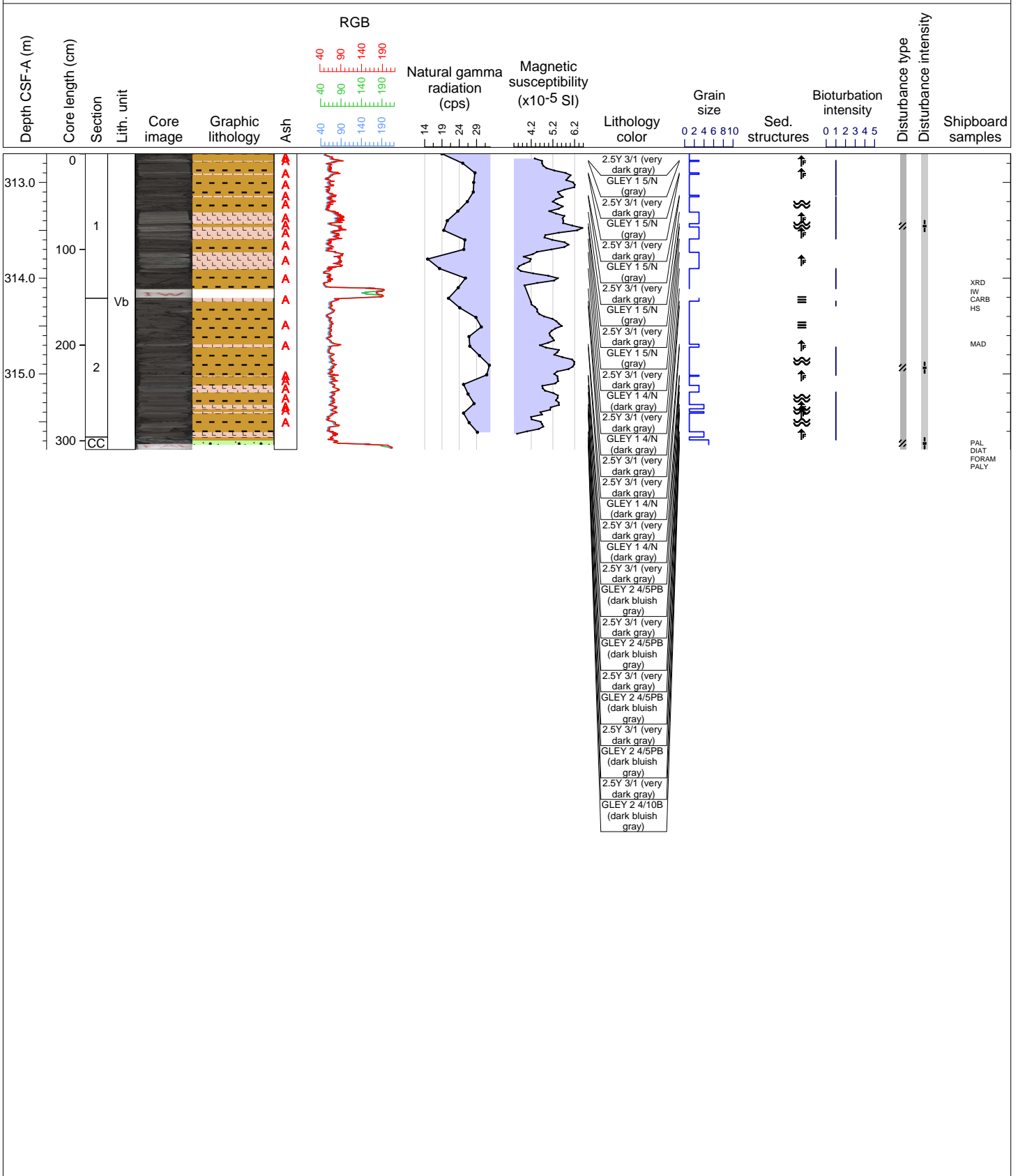
Hole 396-U1569A Core 34R, Interval 307.8-311.03 m (CSF-A)

Core 34 consists of a thin alternation of very dark gray (2.5Y 3/1) CLAYSTONE with ash, locally presenting wavy or parallel lamination and dewatering structures, and gray (GLEY 1 5/N) ASH with clay fining upward, containing pyrite. The core was moderately fractured during drilling.



Hole 396-U1569A Core 35R, Interval 312.7-315.79 m (CSF-A)

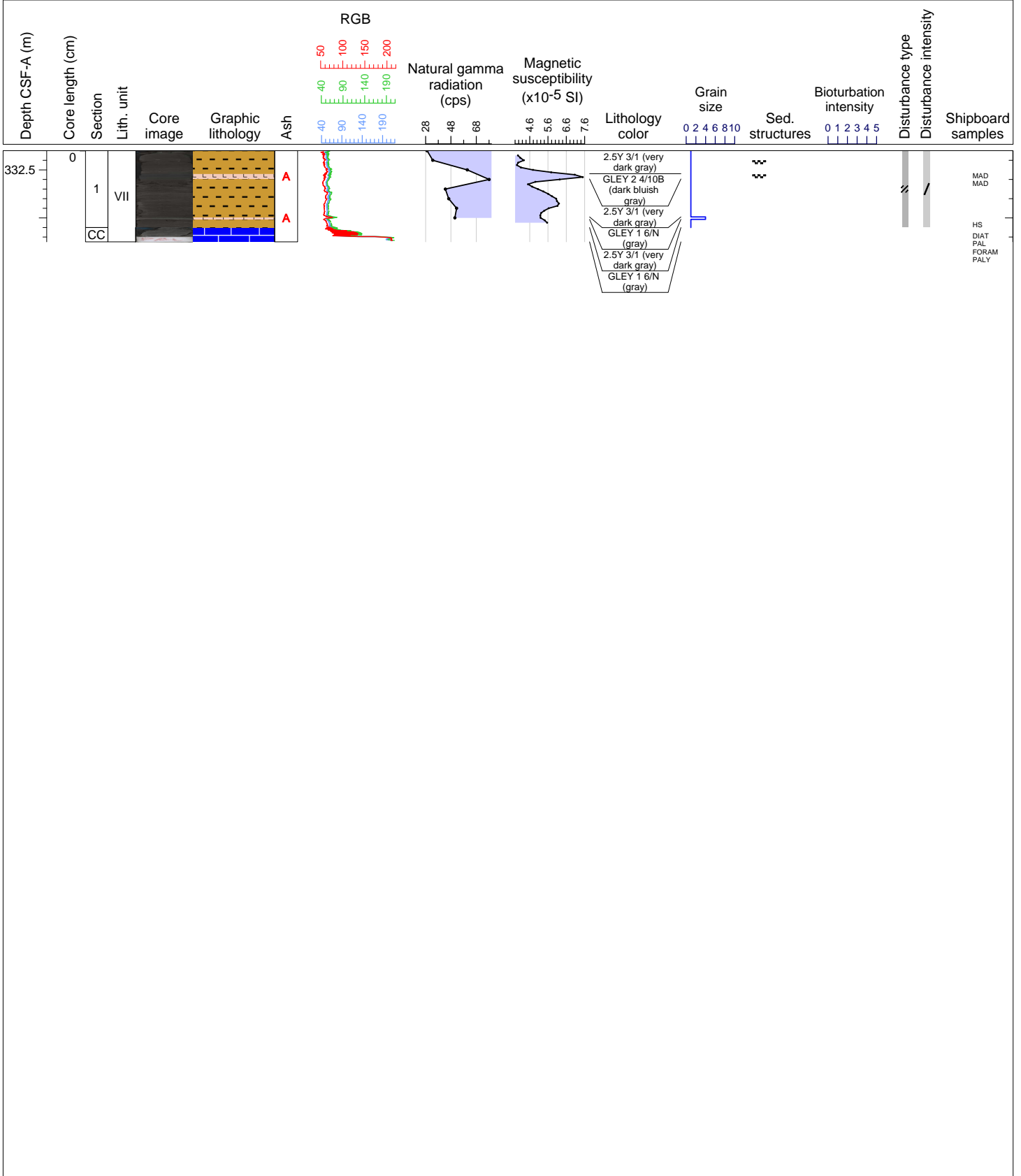
Core 35 consists of a thin alternation of very dark gray (2.5Y 3/1) CLAYSTONE with ash, presenting wavy or parallel lamination, slight bioturbation and, locally, dewatering structures, and ASH with clay fining upward. The color of the ASH changes downhole from gray (GLEY 1 5/N) to dark bluish gray (GLEY 2 4/10B). Bleb of pyrite is observed in the CLAYSTONE, as well as some pyritization of organic matter in the top of section 2. Pyrite sand is also observed in the ash layers. The core-catcher also contain a piece of totally decomposed garnet gneiss. The core was moderately fractured during drilling.





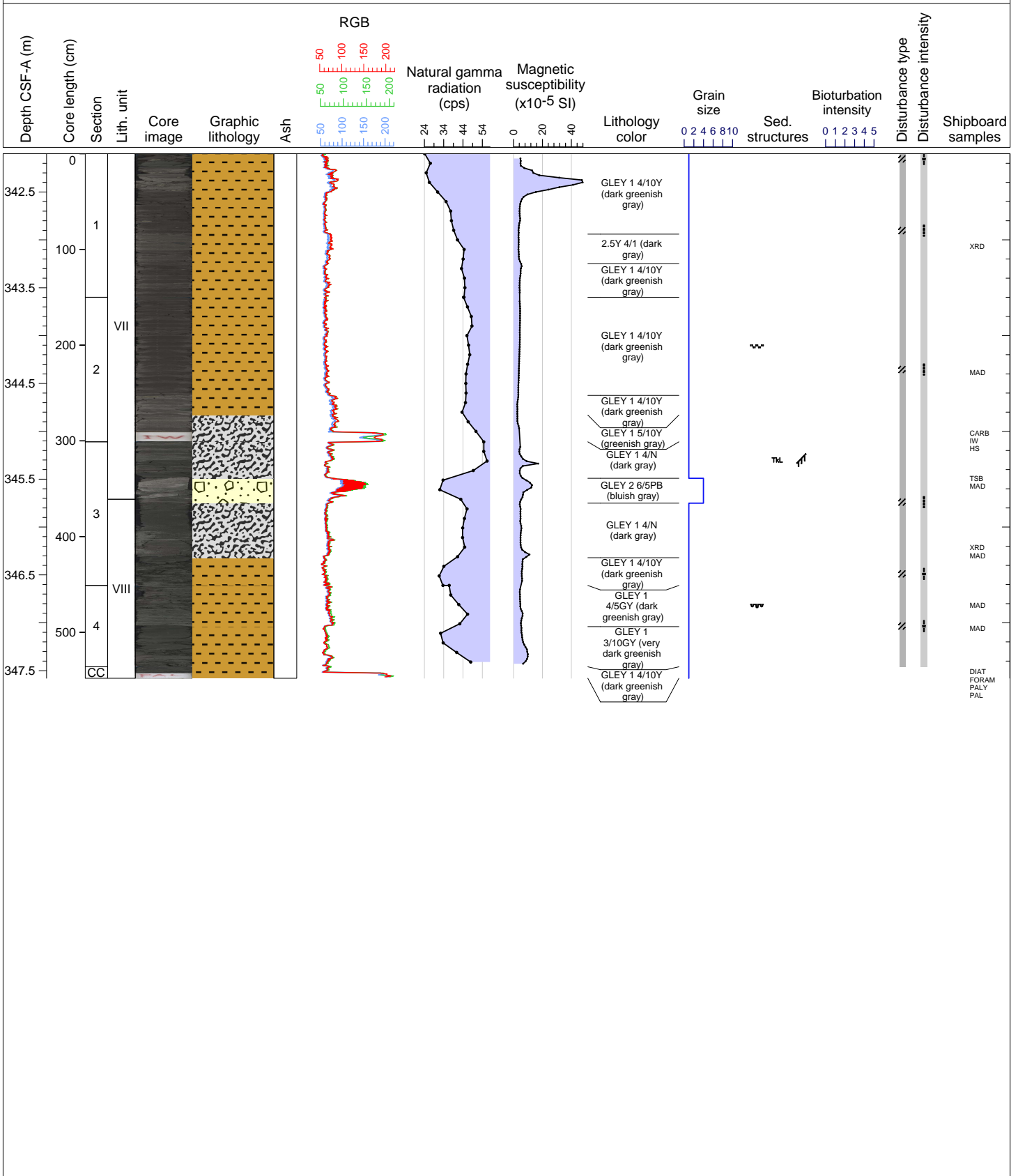
Hole 396-U1569A Core 37R, Interval 332.3-333.25 m (CSF-A)

Core 37 consists of an alternation of very dark gray (2.5Y 3/1) CLAYSTONE with silt and blebs of pyrite, and gray (GLEY 1 6/N) ASH with clay. The core was moderately fractured during drilling.



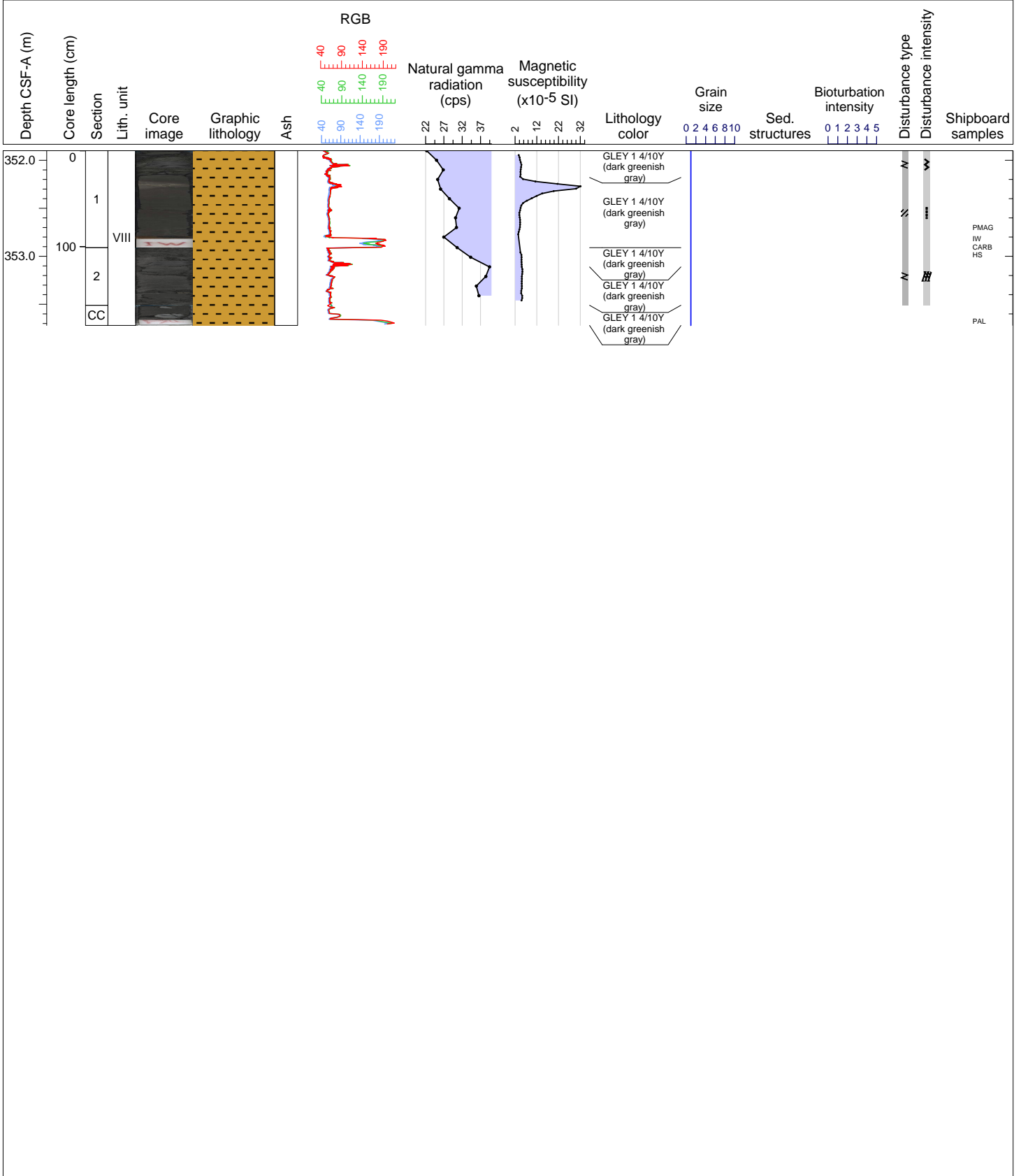
Hole 396-U1569A Core 38R, Interval 342.1-347.58 m (CSF-A)

Core 38 is mostly composed of dark greenish gray (GLEY 1 4/10Y) CLAYSTONE with silt that contains pyrite, with dark gray (GLEY 1 4/N) sand rich CLAY. The core was moderately fractured during drilling.



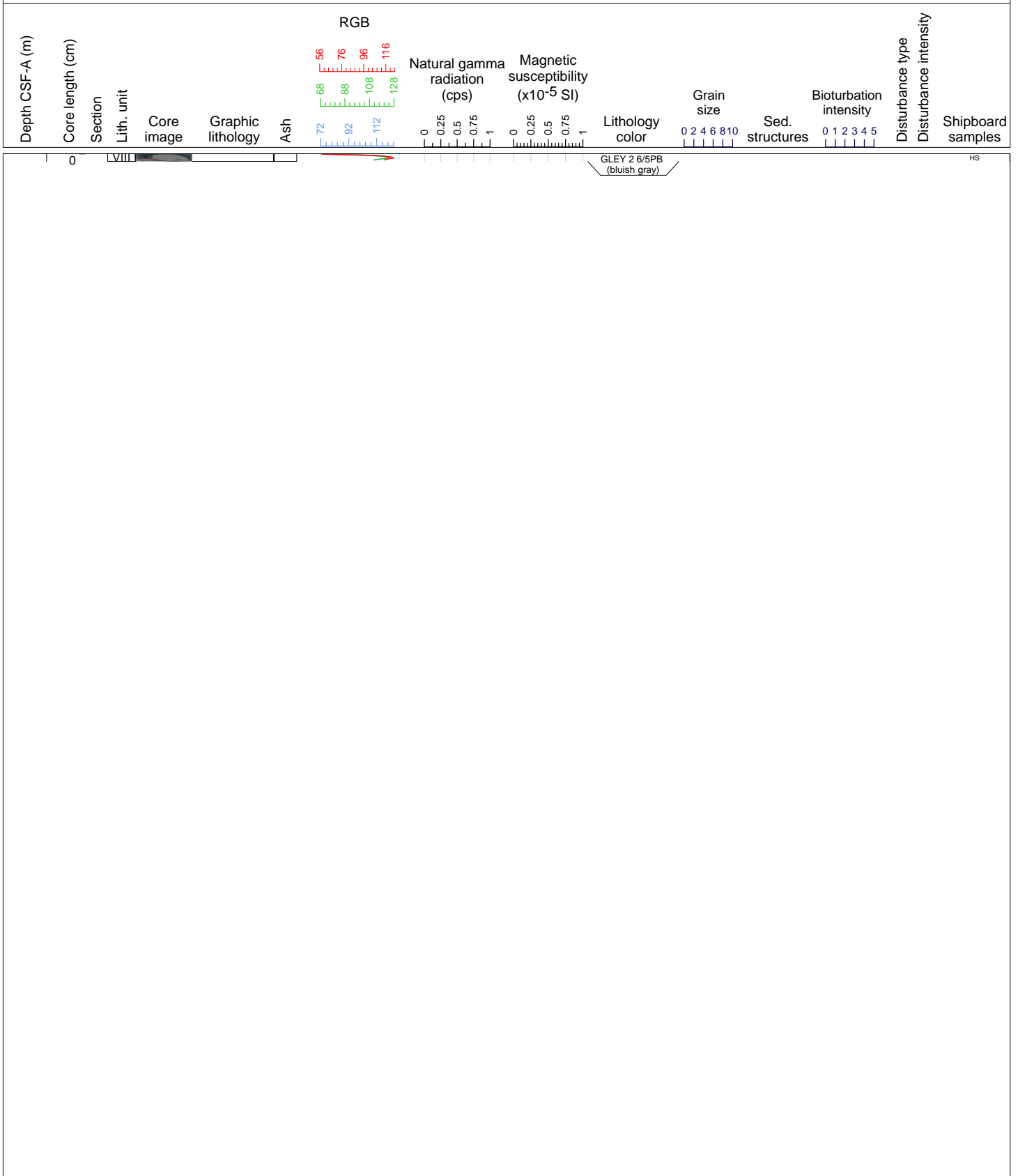
Hole 396-U1569A Core 39R, Interval 351.9-353.72 m (CSF-A)

Core 39 is mostly composed of dark greenish gray (GLEY 1 4/10Y) CLAYSTONE with silt and clasts. The silt contains pyrite. The core was moderately fractured during drilling.



Hole 396-U1569A Core 40R, Interval 361.7-361.78 m (CSF-A)

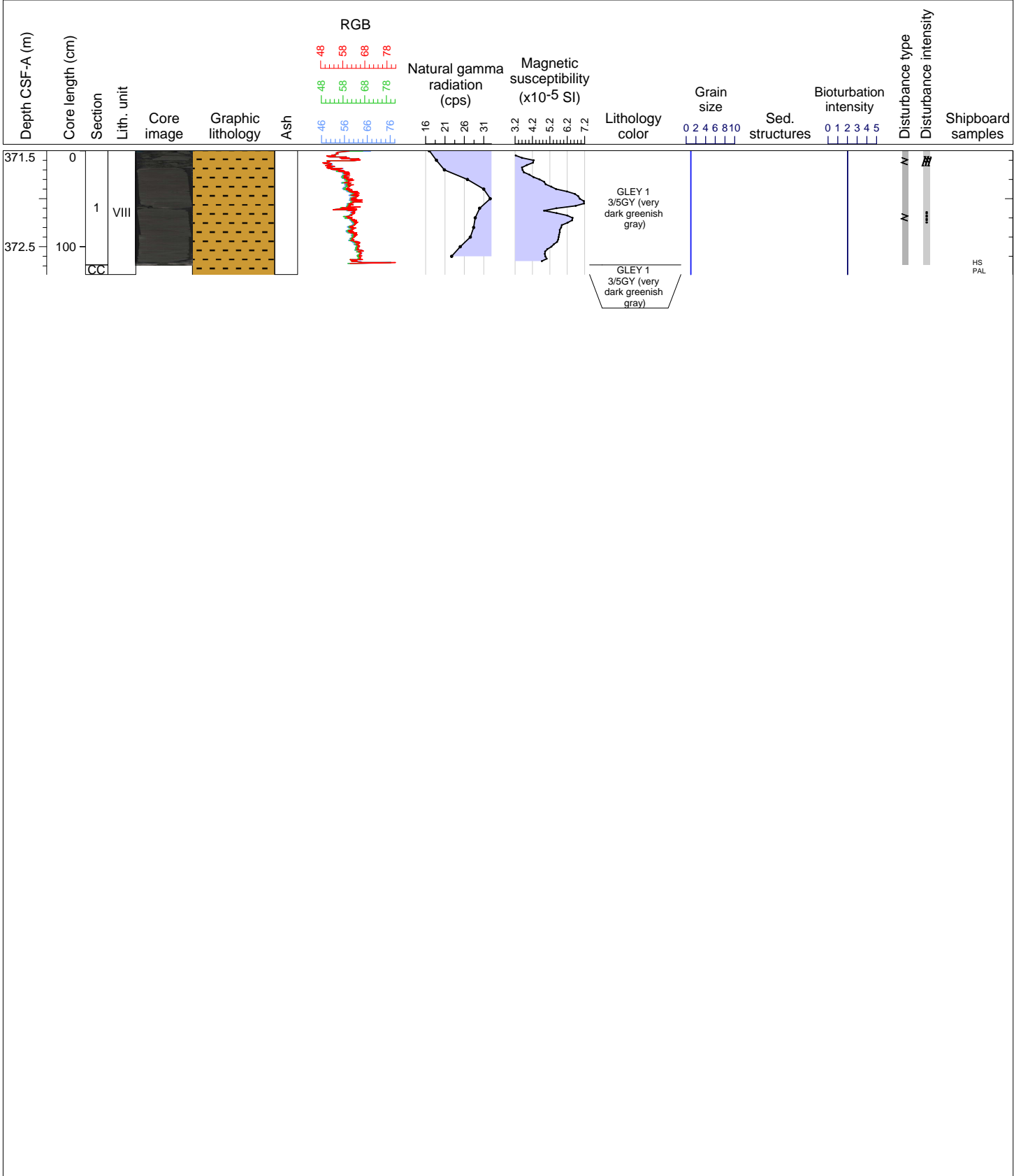
Core 40 consists of a 8 cm thick layer of bluish gray (GLEY 2 6/5PB) gravel. The core was moderately fractured during drilling. The core was moderately fractured during drilling.





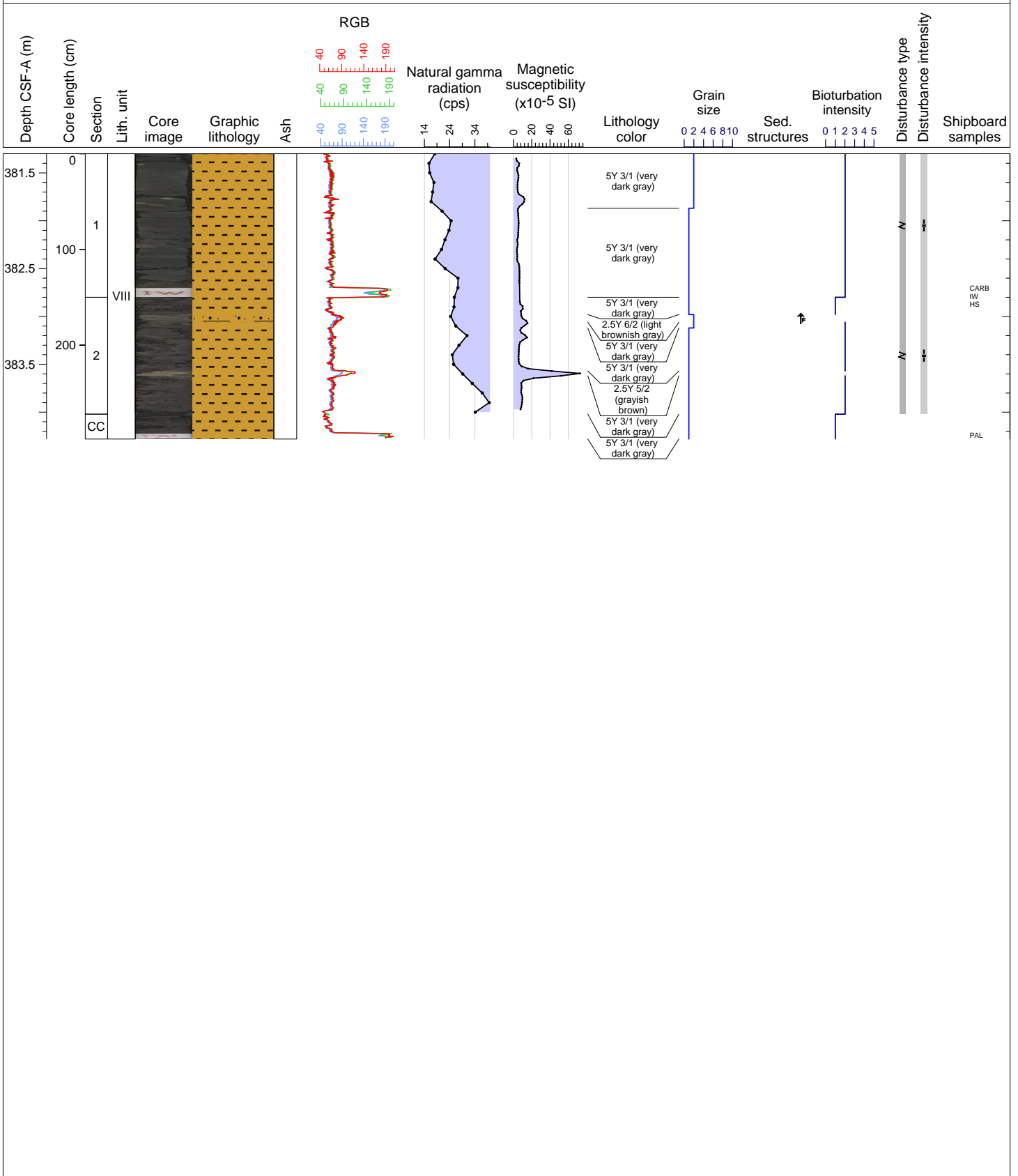
Hole 396-U1569A Core 41R, Interval 371.5-372.79 m (CSF-A)

Core 41 consists of very dark greenish gray (GLEY 1 3/5GY) CLAYSTONE with silt, presenting moderate bioturbation intensity.



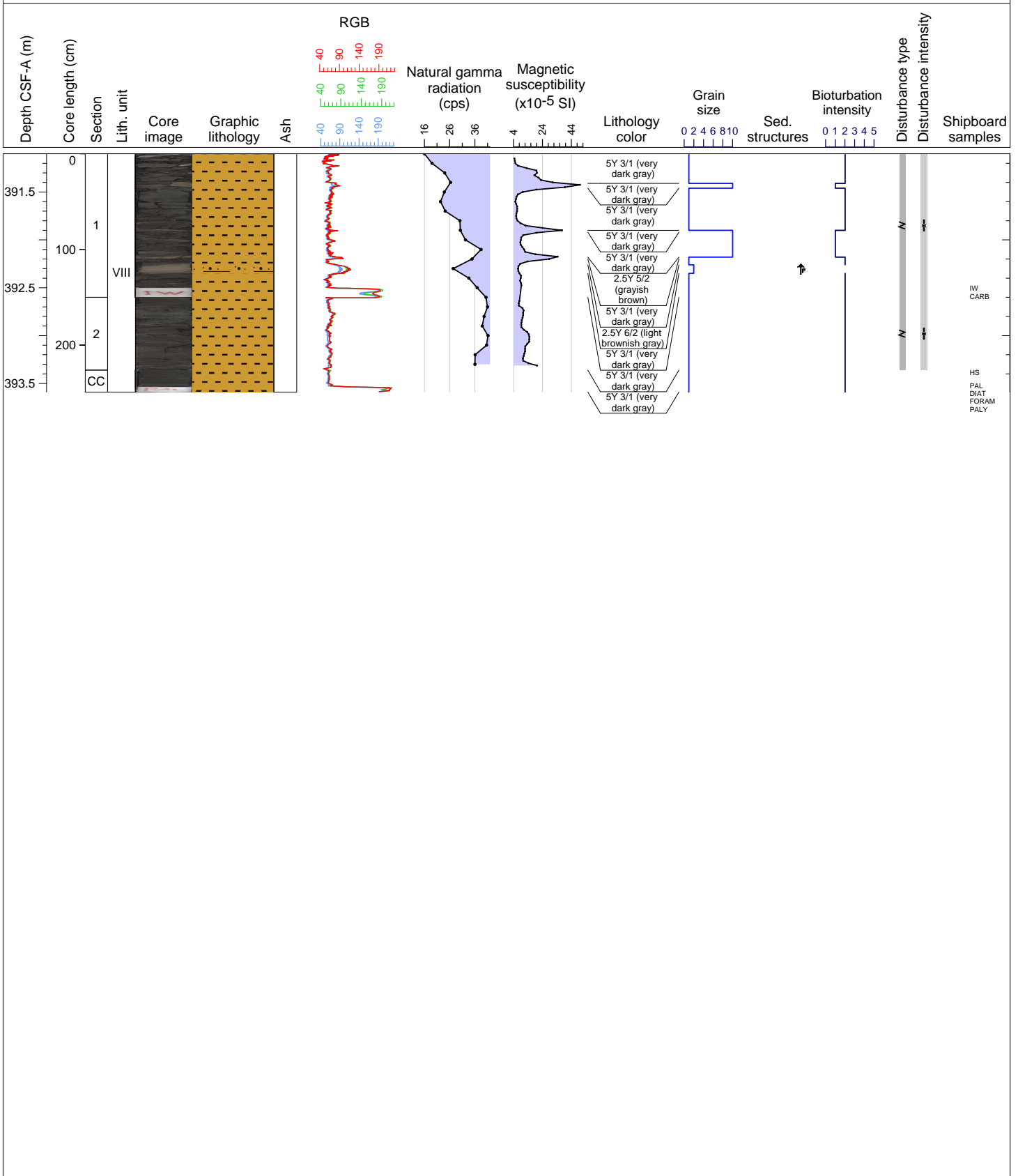
Hole 396-U1569A Core 42R, Interval 381.3-384.28 m (CSF-A)

Core 42 mostly consists of very dark gray (5Y 3/1) CLAYSTONE with silt, , presenting moderate bioturbation intensity. Locally, the presence of nodules is noted. The core was moderately fractured during drilling.



Hole 396-U1569A Core 43R, Interval 391.1-393.59 m (CSF-A)

Core 43 consists of very dark gray (5Y 3/1) CLAYSTONE with silt or gravel. Section 43R-1 also present a 9 cm thick layer of light brownish gray (2.5Y 6/2) clay rich SILTSTONE fining upward. The core was moderately fractured during drilling.



Hole 396-U1569A Core 44R, Interval 400.9-404.04 m (CSF-A)

Core 44 consists of very dark gray (5Y 3/1) CLAYSTONE with silt with light brownish gray (2.5Y 6/2) layers of CLAYSTONE with silt CLAYSTONE with gravel. Most of the core show moderate bioturbation. The core was moderately to highly fractured during drilling.

