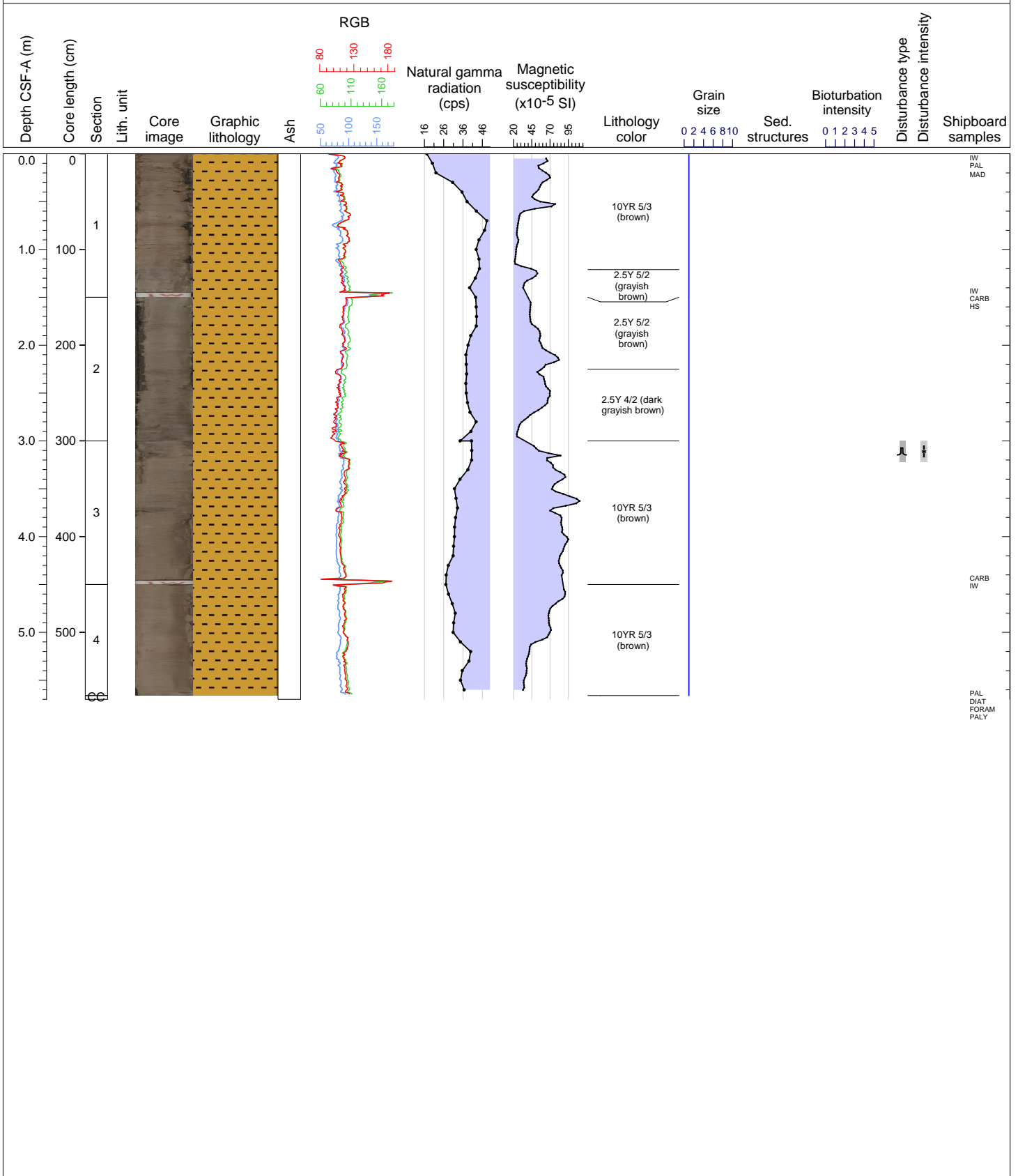


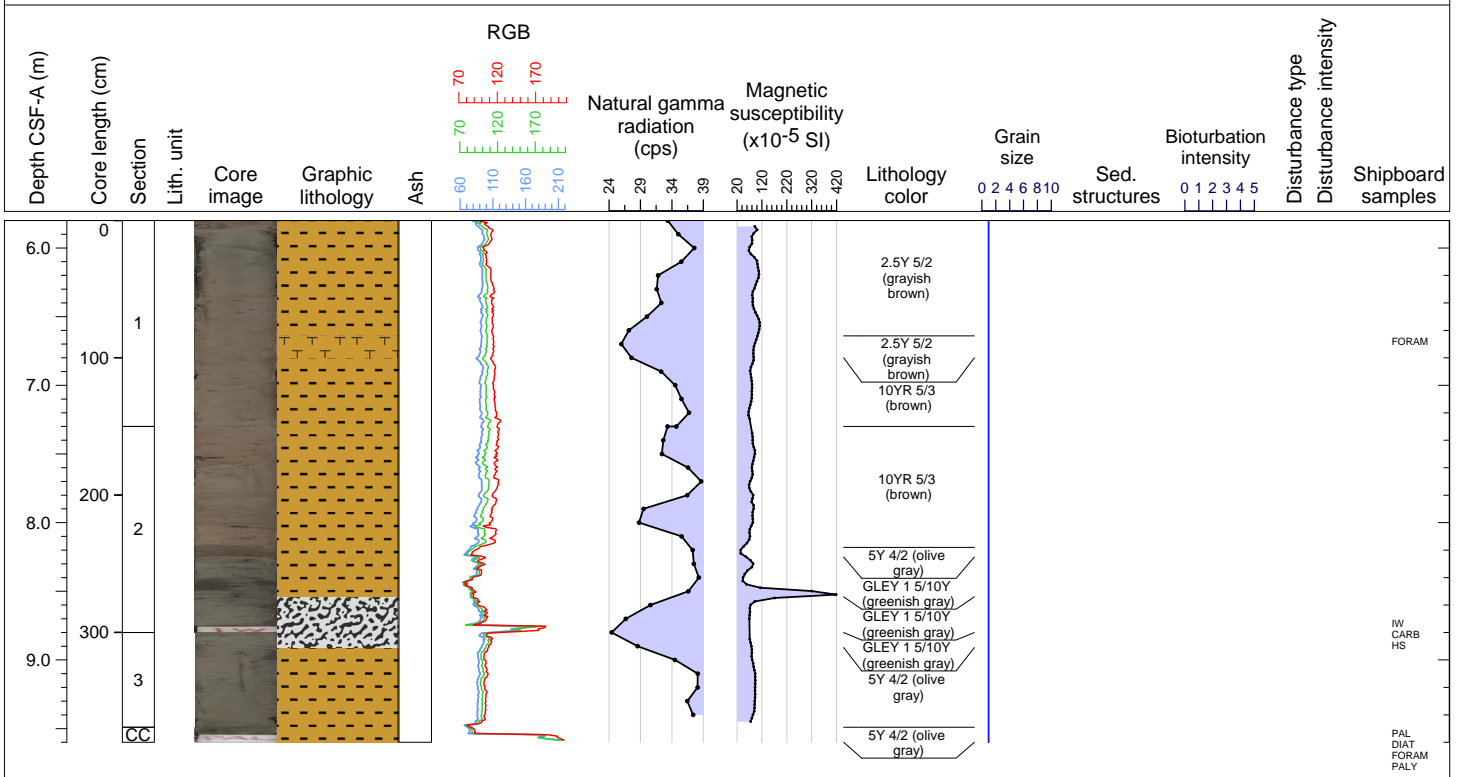
Hole 396-U1570A Core 1R, Interval 0.0-5.7 m (CSF-A)

Core 1 consists of brown (10YR 5/3) to grayish brown (2.5Y 5/2) CLAY with silt with foraminifers present at the top of the core.



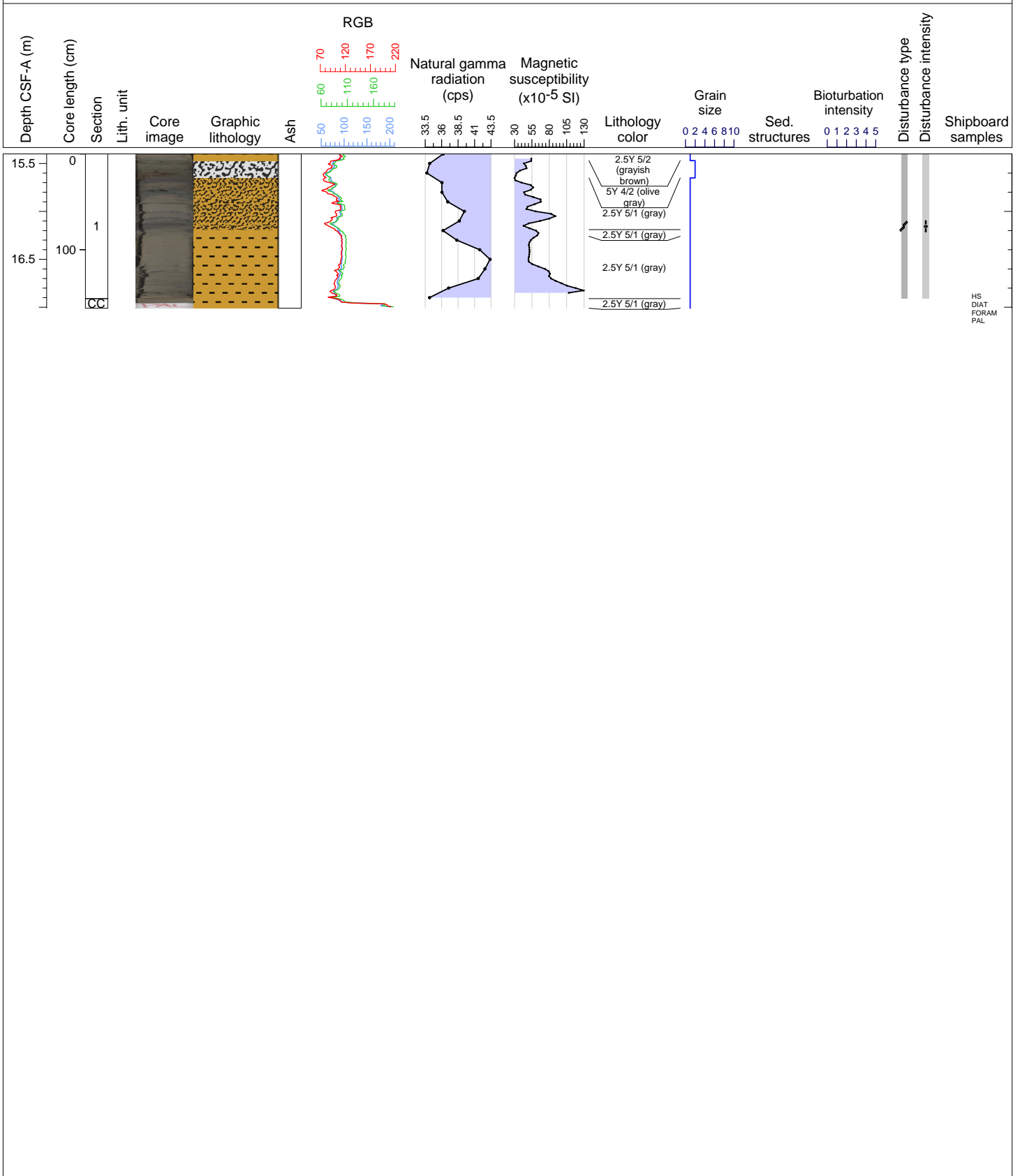
Hole 396-U1570A Core 2R, Interval 5.8-9.6 m (CSF-A)

Core 2 consists of grayish brown (2.5Y 5/2) to greenish gray (GLEY 1 5/10Y) and olive gray (5Y 4/2) CLAY with silt with some sand rich intervals. At the top of the core a foraminifera rich layer is observed.



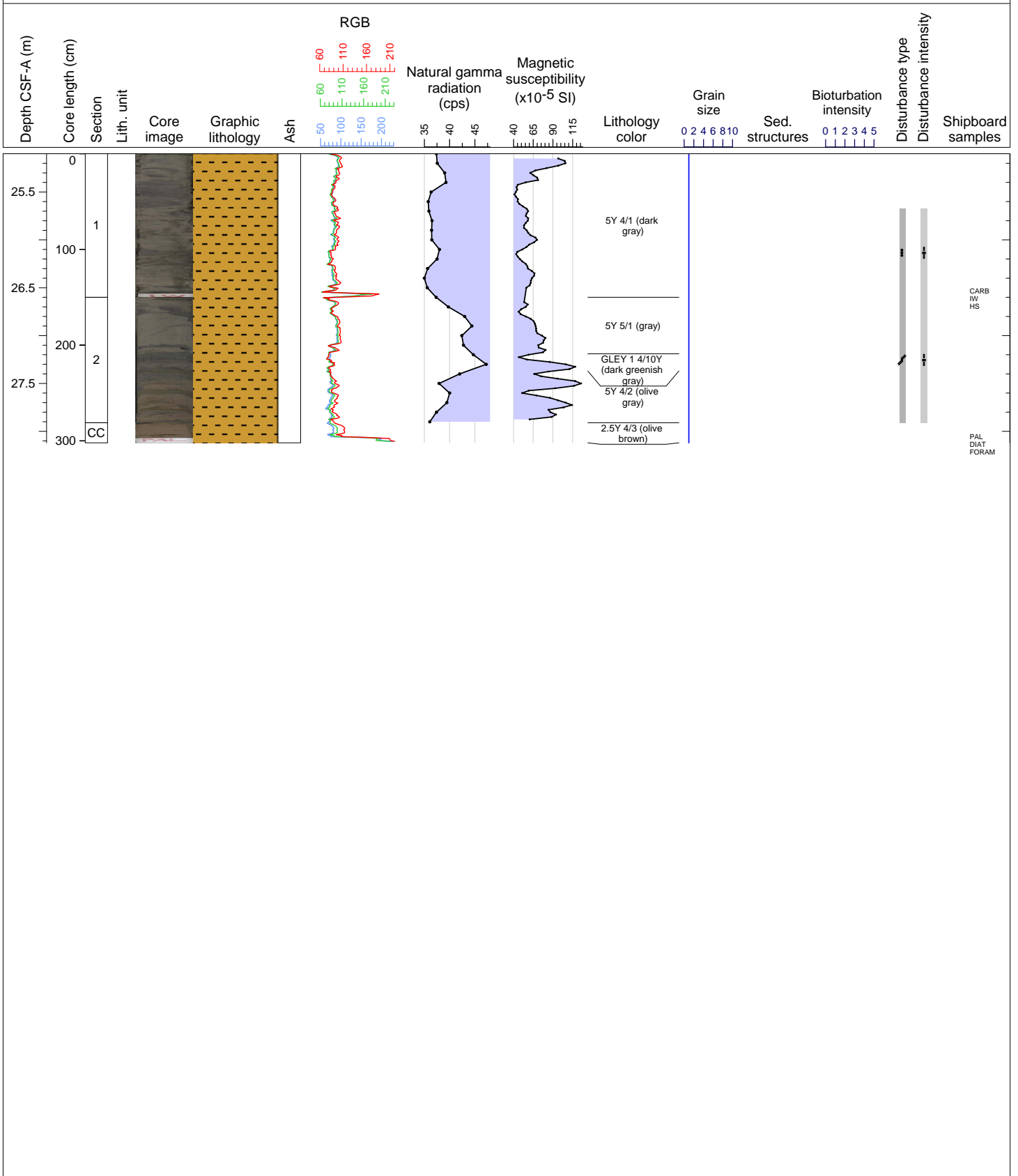
Hole 396-U1570A Core 3R, Interval 15.4-17.01 m (CSF-A)

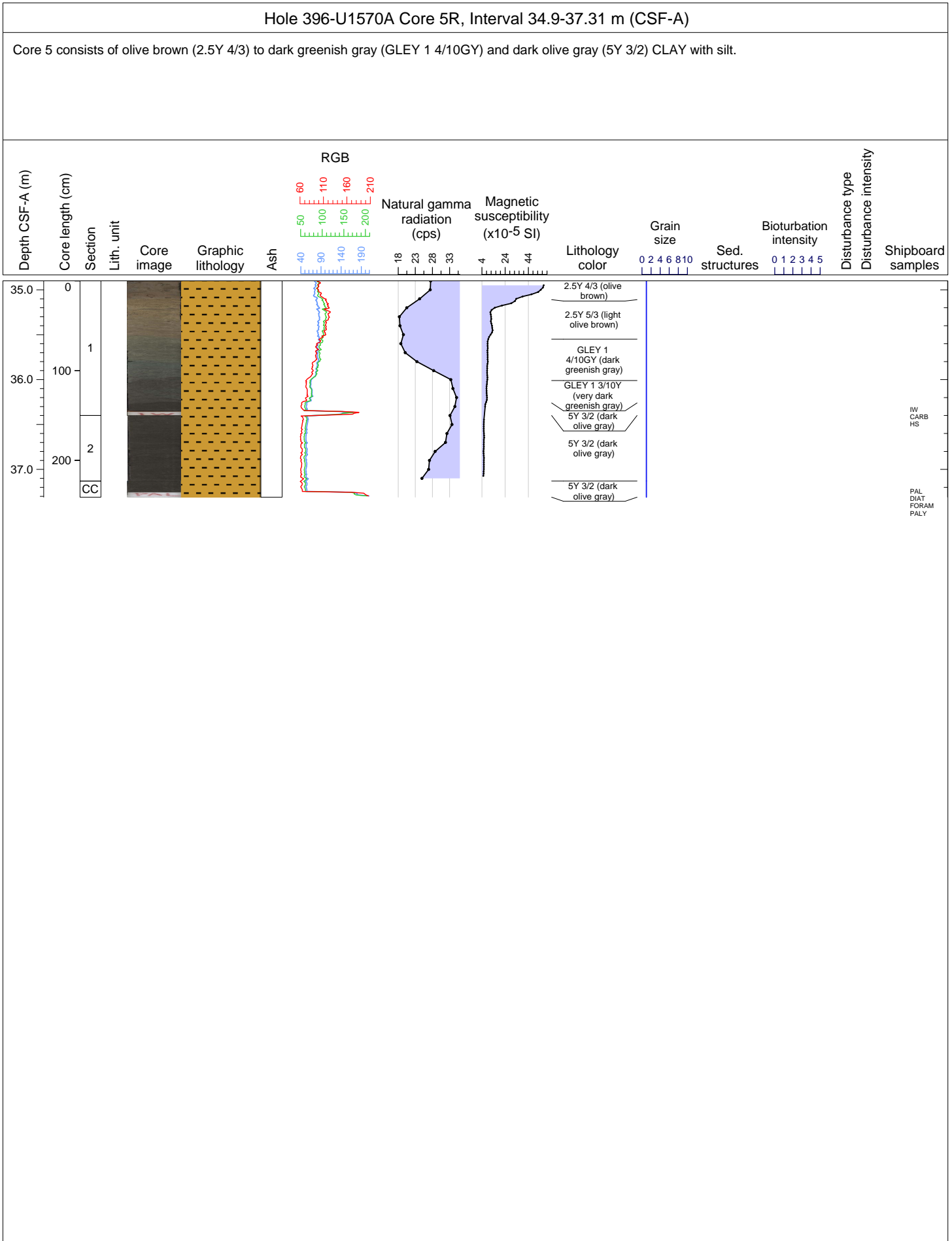
Core 3 consists of grayish brown (2.5Y 5/2) to gray (2.5Y 5/1) CLAY with various amounts of silt. Sand rich intervals and foraminifers are present throughout the core. The core shows moderate up-arching drilling disturbance



Hole 396-U1570A Core 4R, Interval 25.1-28.12 m (CSF-A)

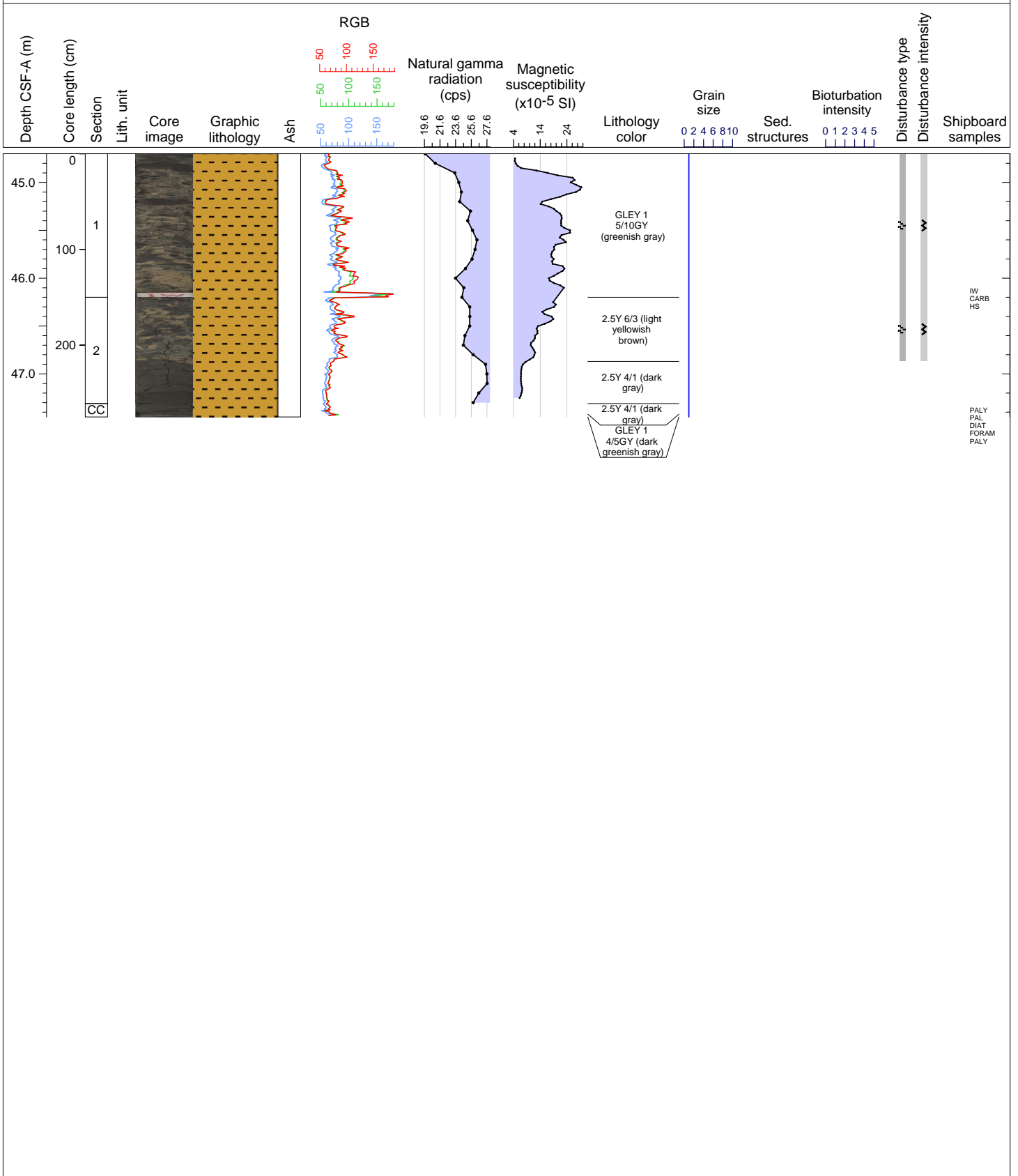
Core 4 consists of dark gray (5Y 4/1) to olive gray (5Y 4/2) and olive brown (2.5Y 4/3) CLAY with silt. Trace of foraminifers are observed. The 1st section shows moderate soupy drilling disturbance.





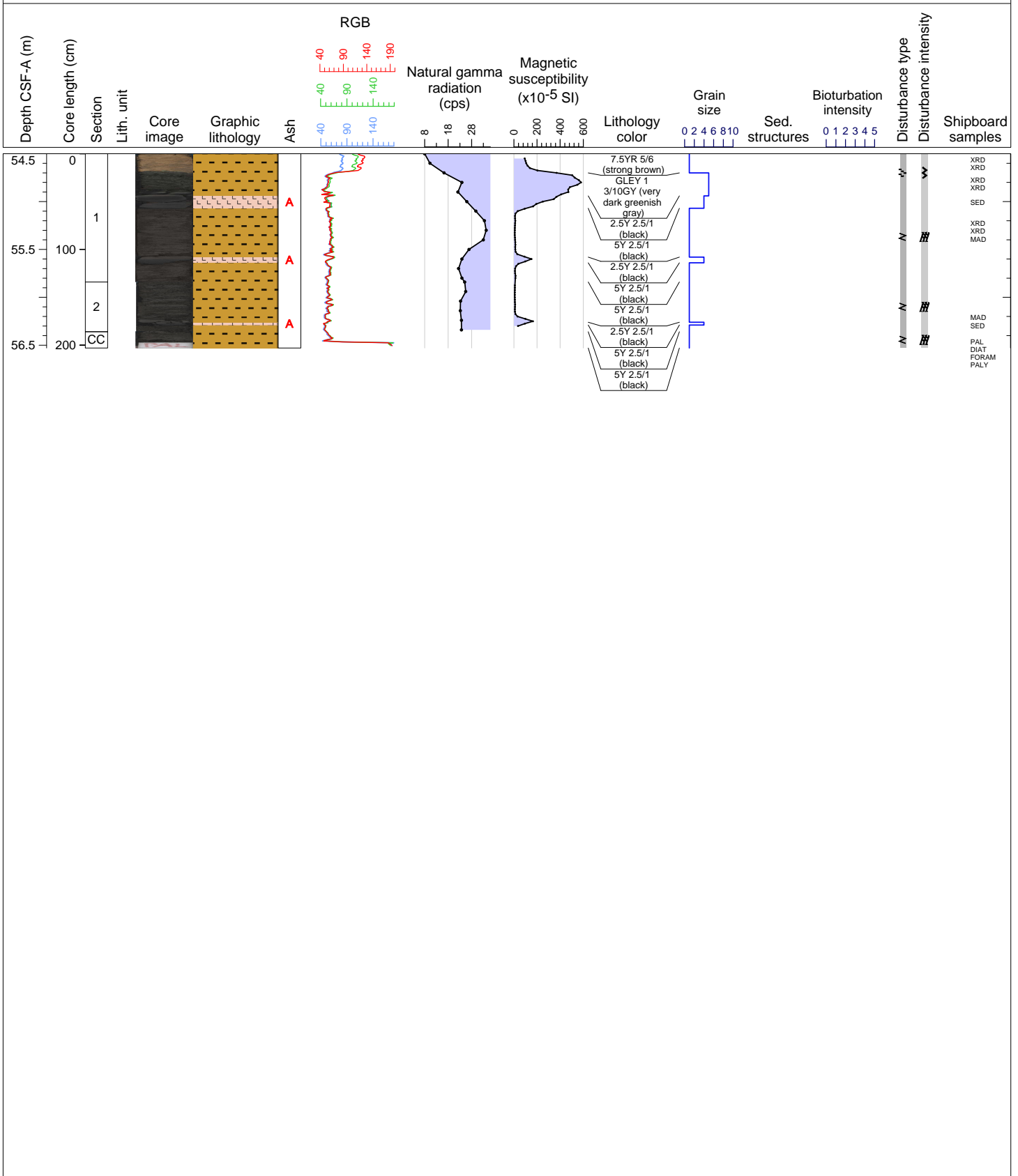
Hole 396-U1570A Core 6R, Interval 44.7-47.45 m (CSF-A)

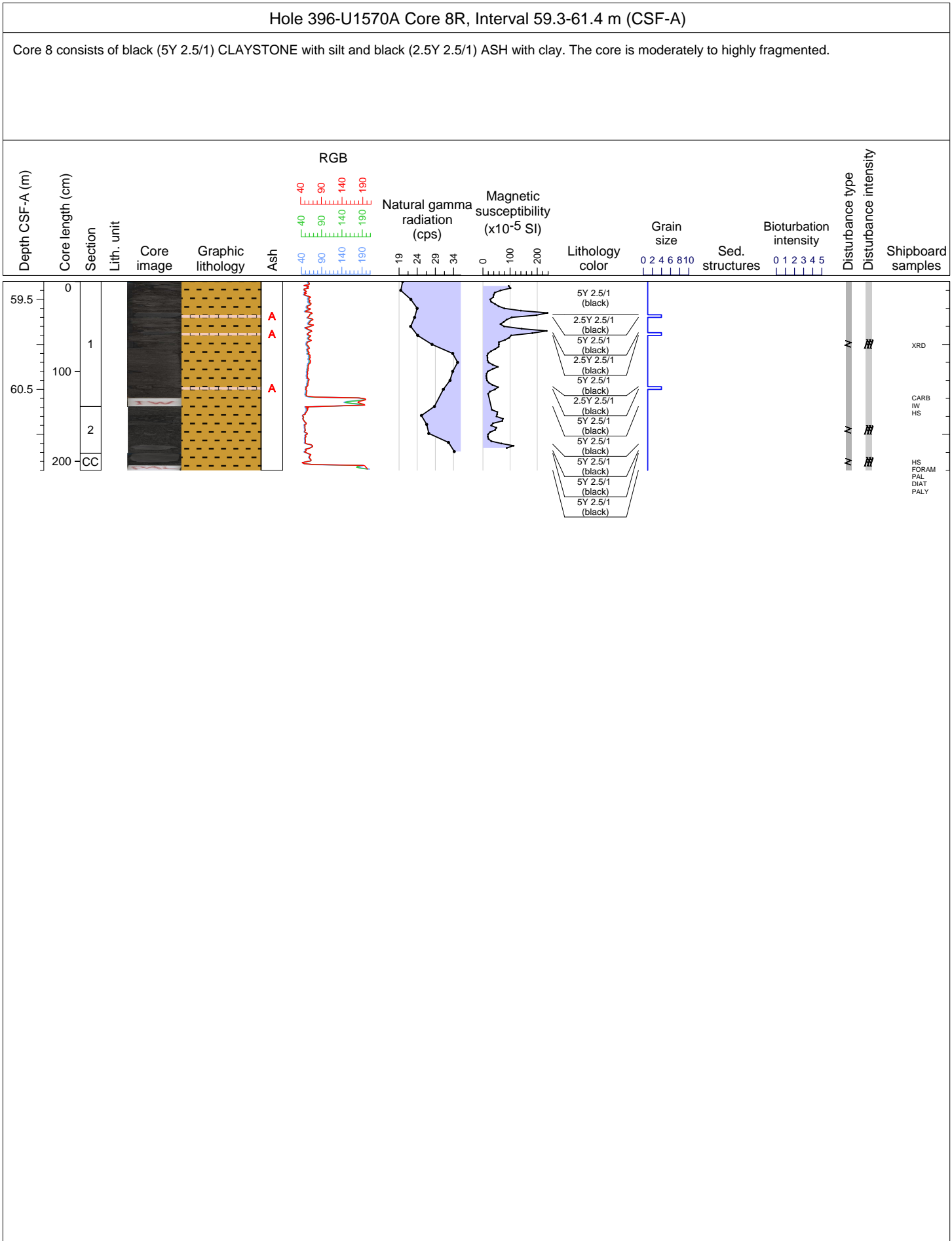
Core 6 shows high slurry drilling disturbance. It consists of greenish gray (GLEY 1 5/10GY) to light yellowish brown (2.5Y 6/3) and dark gray (2.5Y 4/1) CLAY with silt.



Hole 396-U1570A Core 7R, Interval 54.5-56.53 m (CSF-A)

Core 7 is moderately to highly fragmented. It consists of strong brown (7.5YR 5/6) CLAY with sand, very dark greenish gray (GLEY 1 3/10GY) CLAY with gravel, and black (2.5Y 2.5/1) ASH with clay and CLAYSTONE with silt.

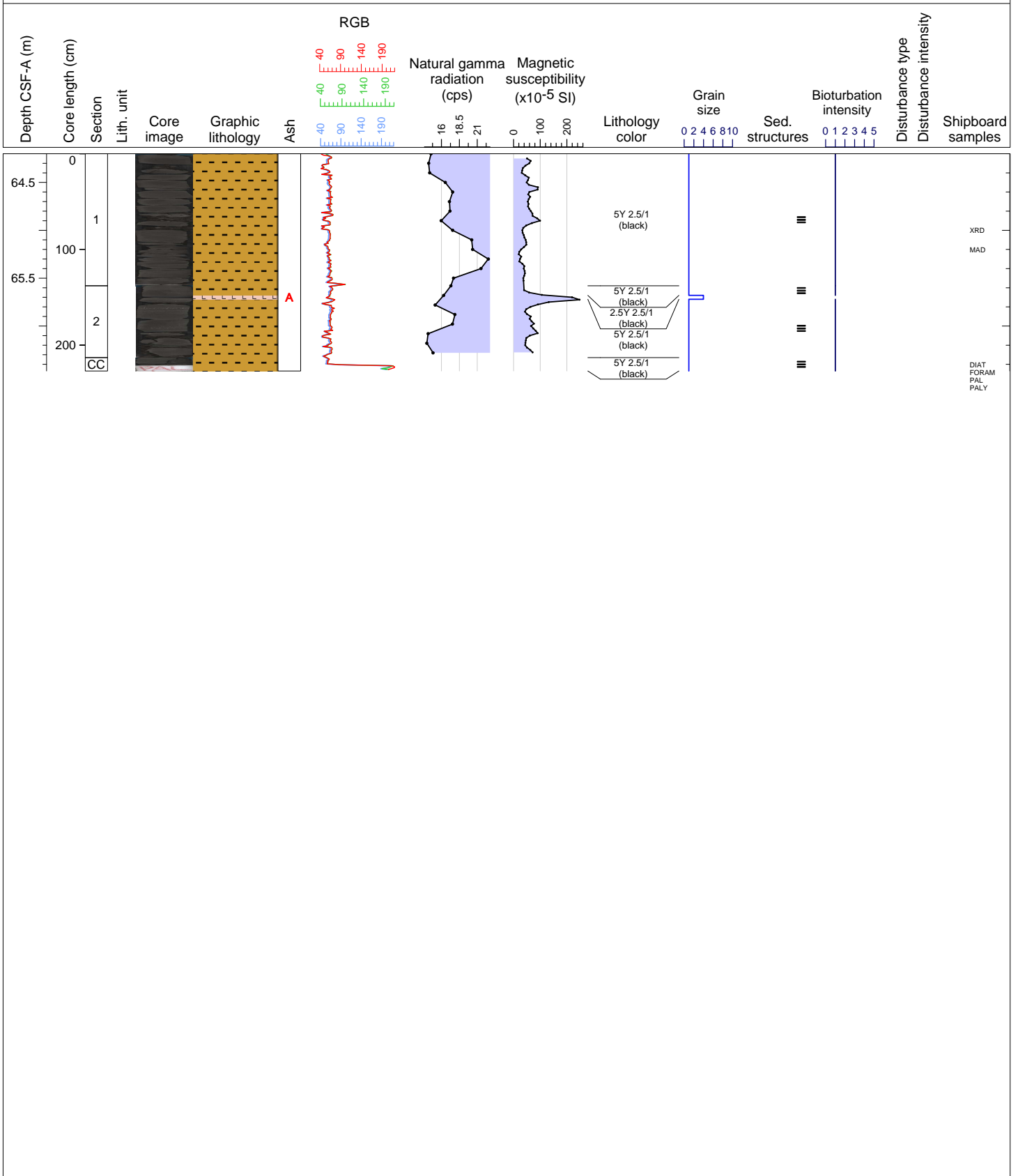






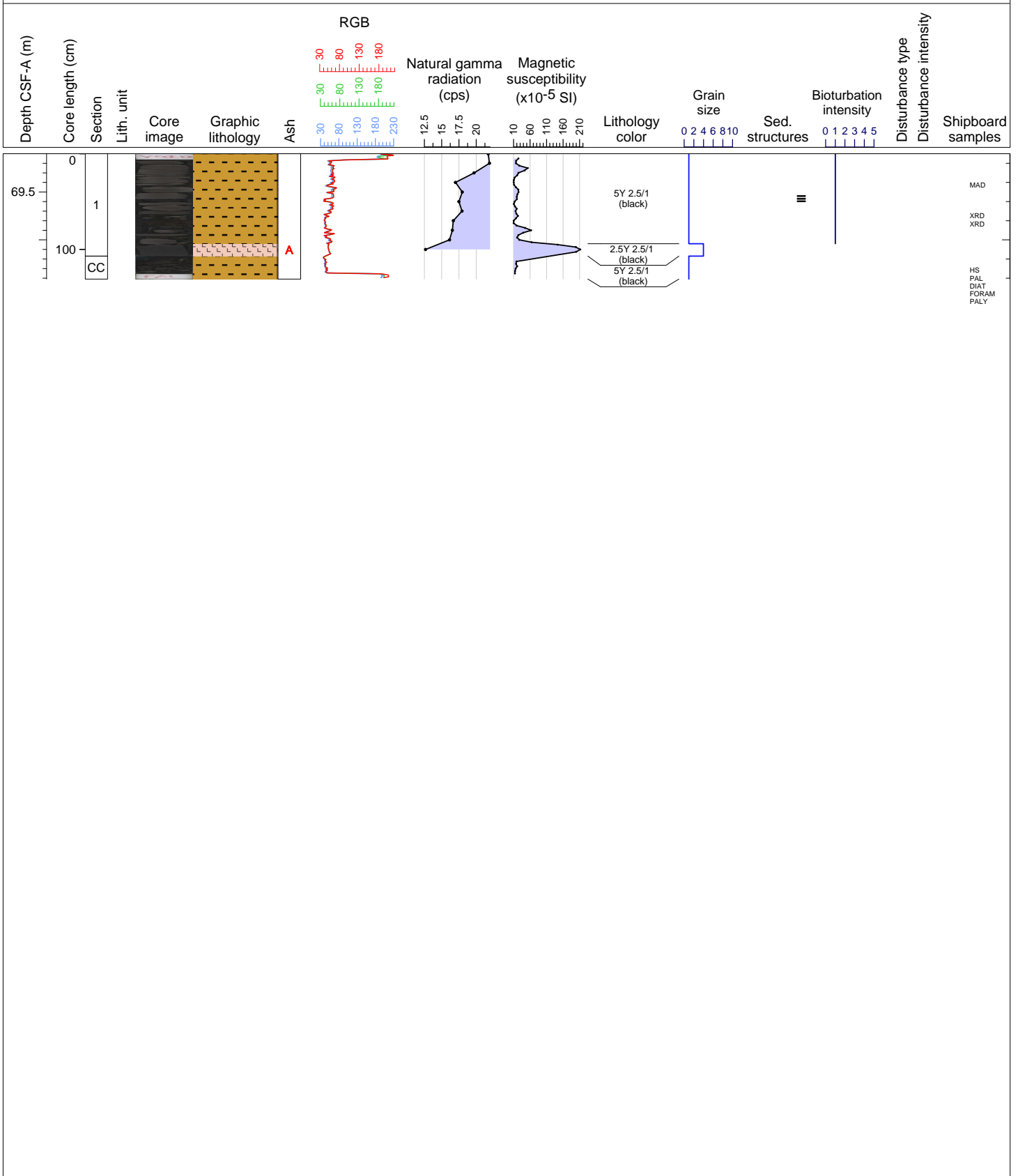
Hole 396-U1570A Core 9R, Interval 64.2-66.47 m (CSF-A)

Core 9 consists of black (5Y 2.5/1) CLAYSTONE with ash and (2.5Y 2.5/1) ASH with clay. Parallel lamination and slight bioturbation is also observed together with dewatering structures.



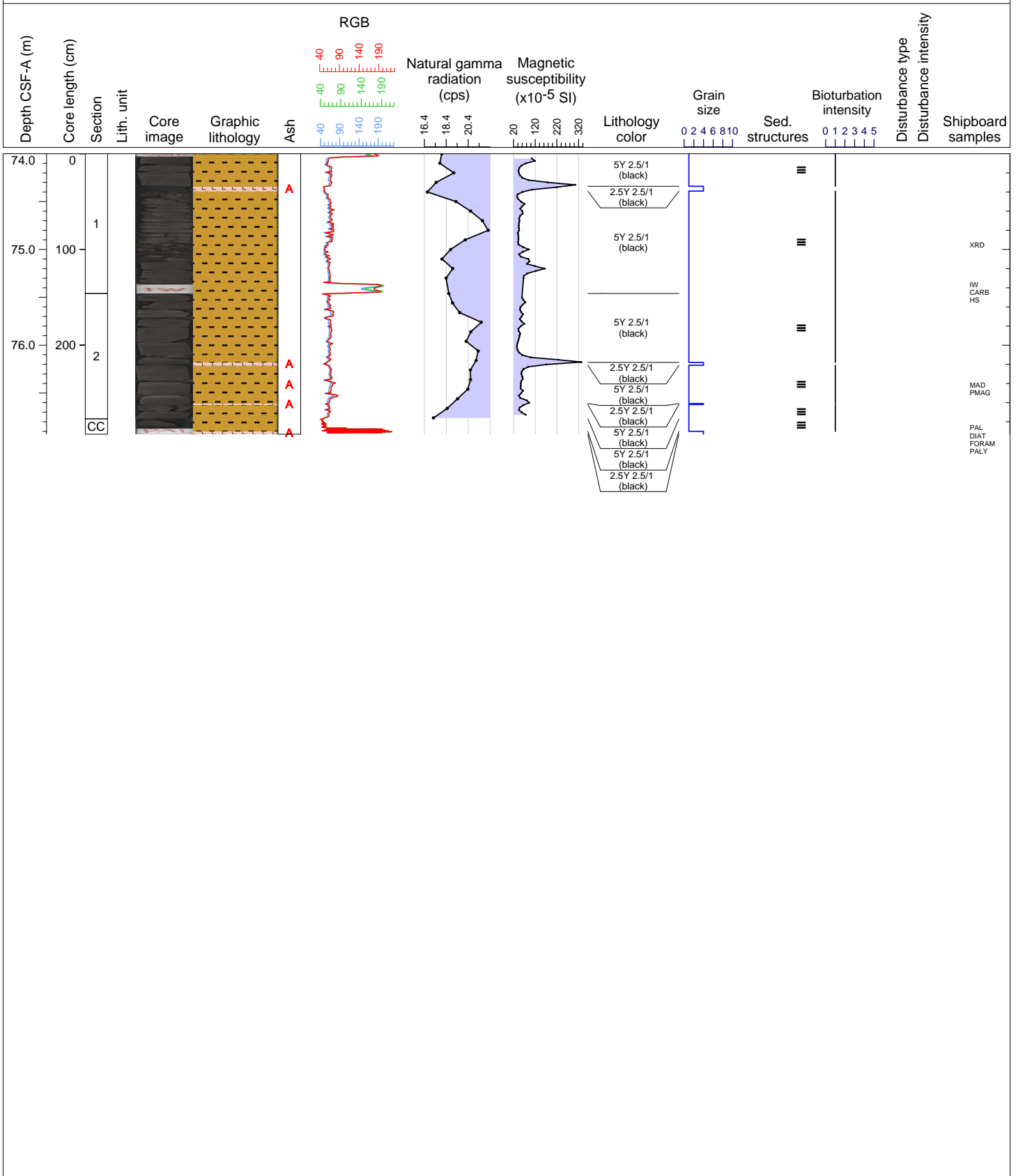
Hole 396-U1570A Core 10R, Interval 69.1-70.41 m (CSF-A)

Core 10 consists of black (2.5Y 2.5/1) CLAYSTONE with ash and ASH with clay. Parallel lamination, slight bioturbation and dewatering structures are present at the top of the core.



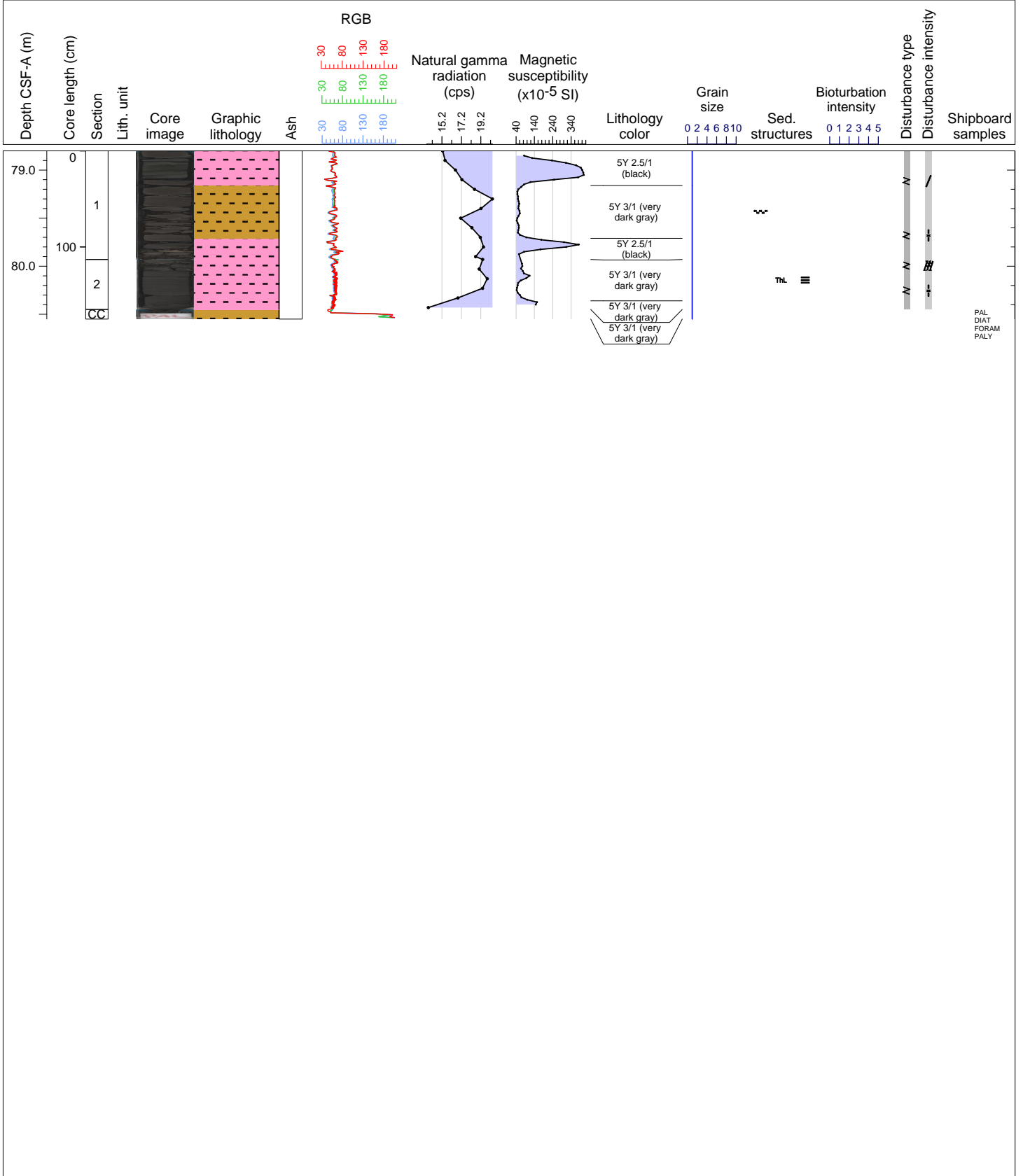
Hole 396-U1570A Core 11R, Interval 74.0-76.93 m (CSF-A)

Core 11 consists of black (5Y 2.5/1) CLAYSTONE with parallel lamination and dewatering structures and black (2.5Y 2.5/1) ASH with clay.



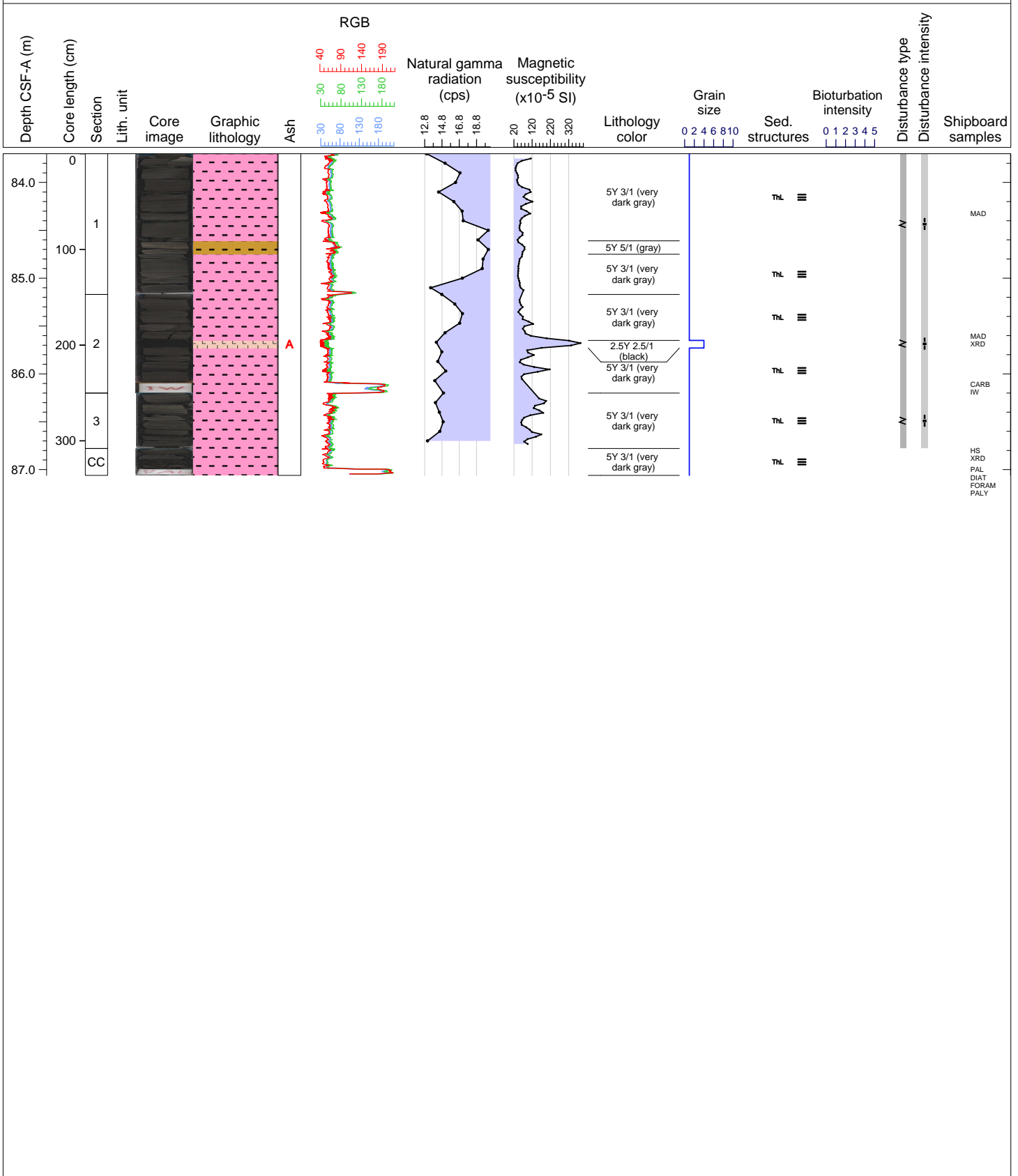
Hole 396-U1570A Core 12R, Interval 78.8-80.55 m (CSF-A)

Core 12 consists of black (5Y 2.5/1) ash rich CLAYSTONE and very dark gray (5Y 3/1) CLAYSTONE with silt. The core is slightly to highly fragmented.



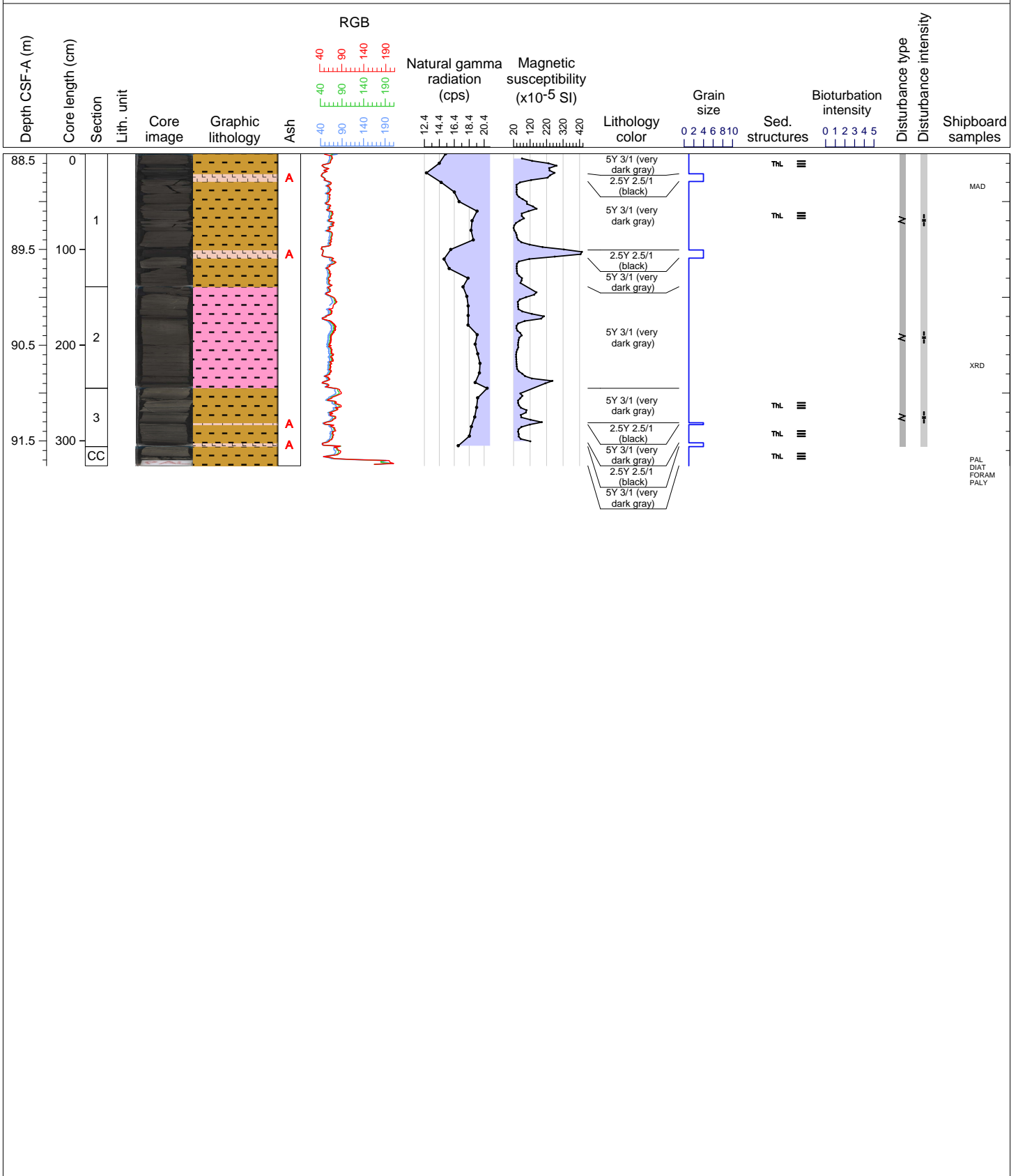
Hole 396-U1570A Core 13R, Interval 83.7-87.06 m (CSF-A)

Core 13 consists of very dark gray (5Y 3/1) ash rich CLAYSTONE with parallel laminations, gray (5Y 5/1) CLAYSTONE with sand, and black (2.5Y 2.5/1) ASH with clay. The core is moderately fragmented.



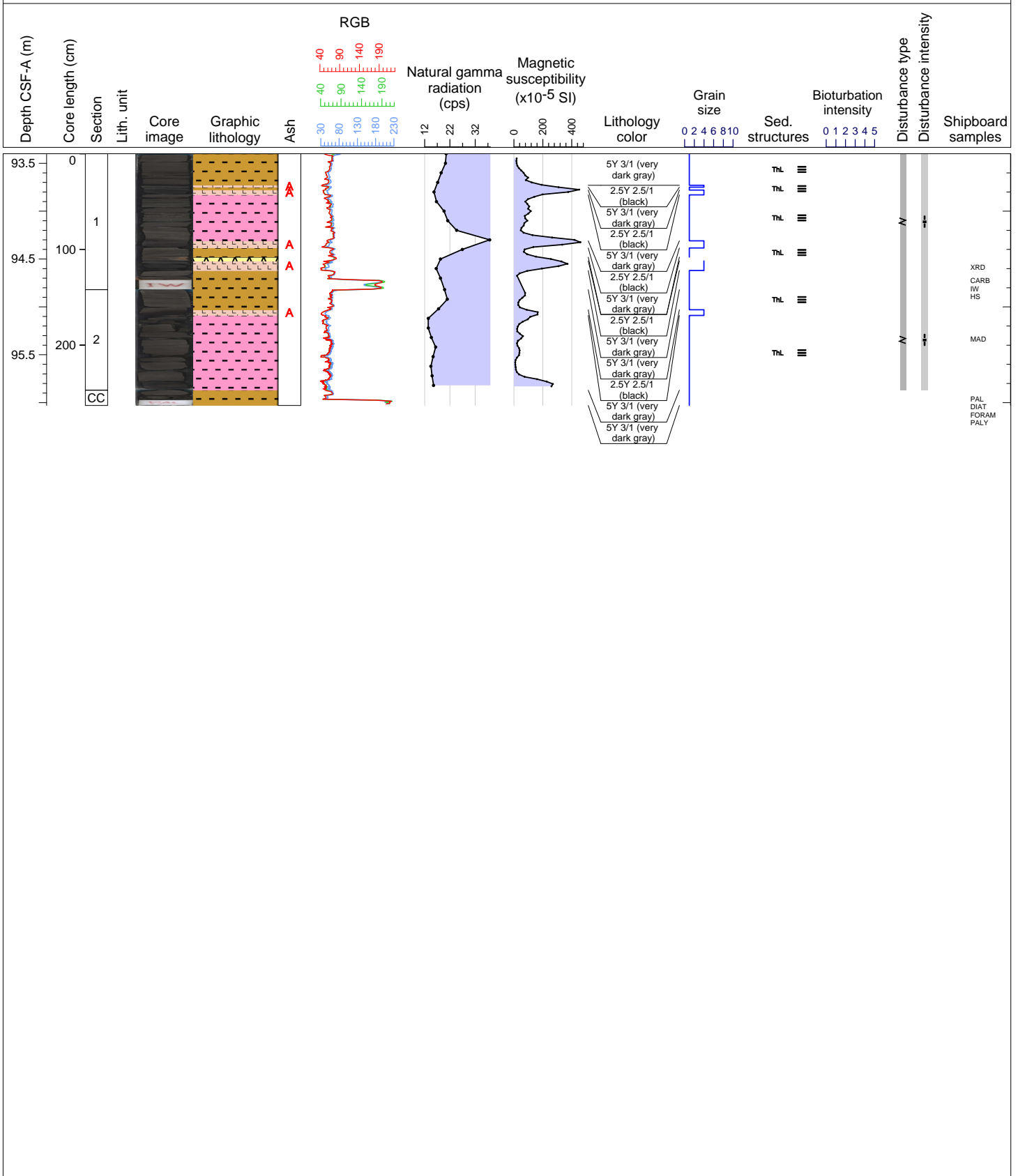
Hole 396-U1570A Core 14R, Interval 88.5-91.76 m (CSF-A)

Core 14 consists of an alternation of very dark gray (5Y 3/1) CLAYSTONE with ash, presenting parallel laminations, and black (2.5Y 2.5/1) ASH with clay. The core is moderately fragmented. The core is moderately fragmented.



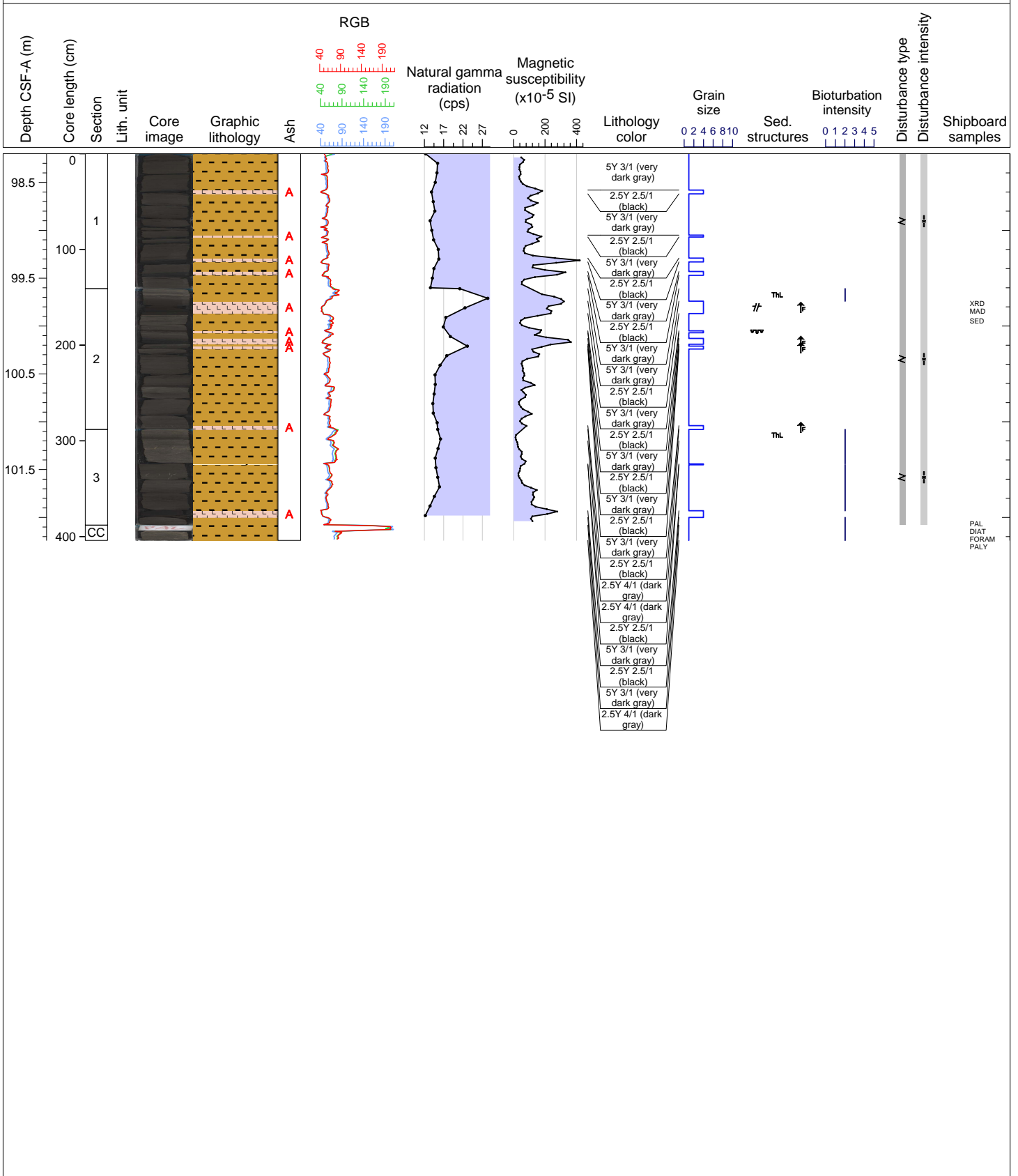
Hole 396-U1570A Core 15R, Interval 93.4-96.03 m (CSF-A)

Core 15 consists of an alternation of very dark gray (5Y 3/1) CLAYSTONE with ash, presenting parallel laminations, and black (2.5Y 2.5/1) ASH with clay. In Section 1 (108-112 cm), a concretion of glendonite is observed. The core is moderately fragmented.



Hole 396-U1570A Core 16R, Interval 98.2-102.24 m (CSF-A)

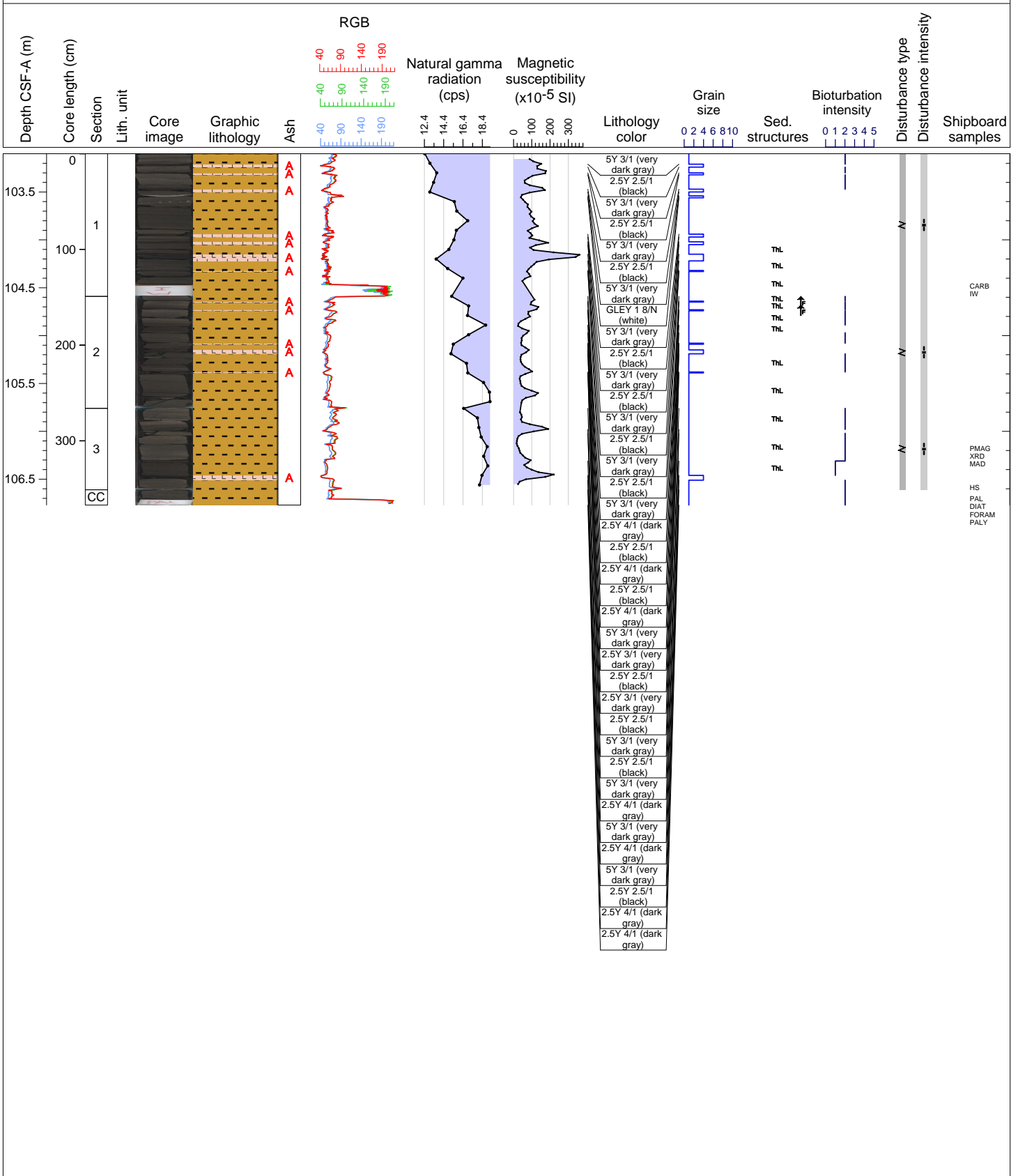
Core 16 consists of an alternation of very dark gray (5Y 3/1) CLAYSTONE with silt, locally presenting parallel laminations and moderate bioturbations, and black (2.5Y 2.5/1) ASH with clay fining upwards. The core is moderately fragmented.





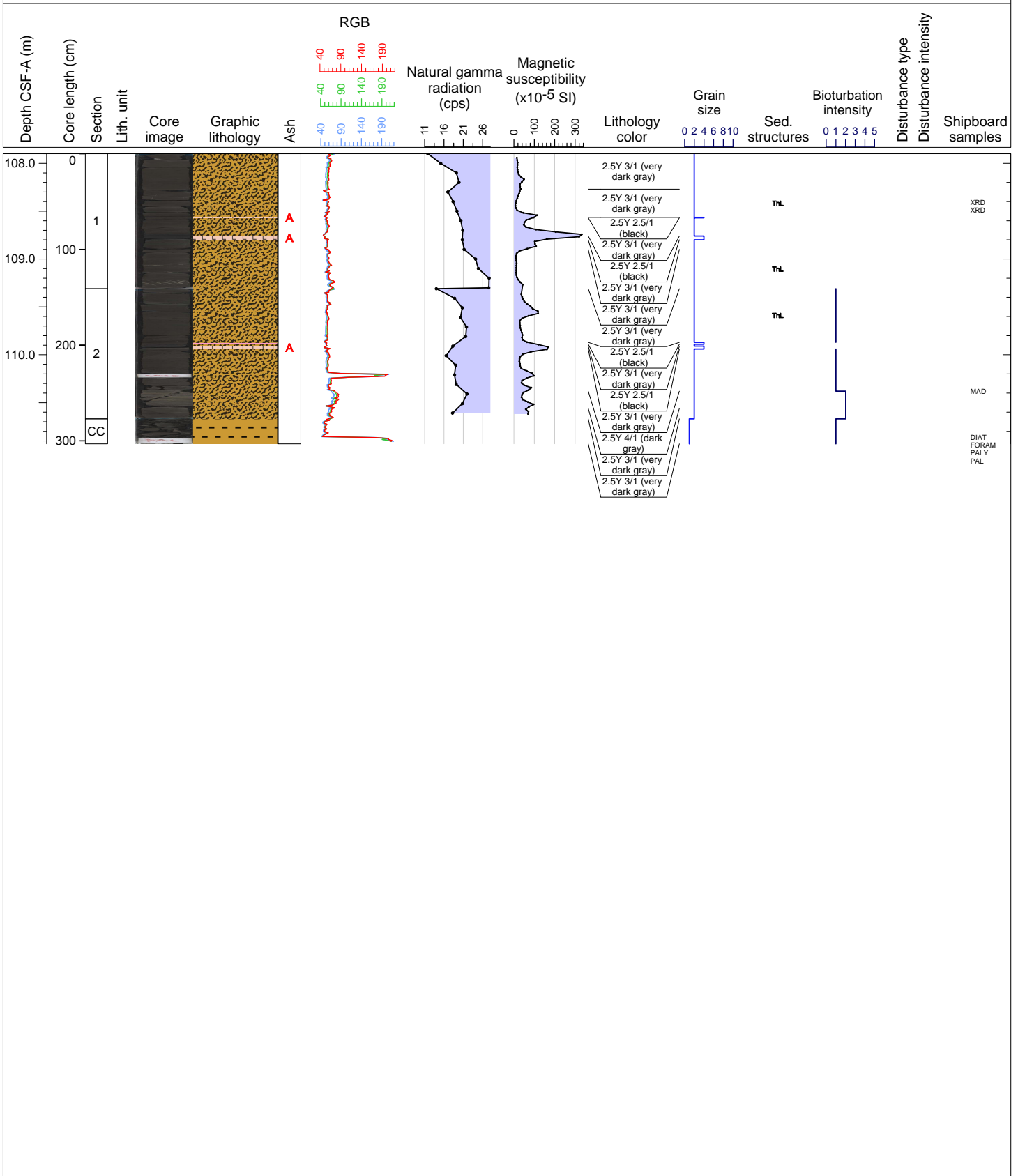
Hole 396-U1570A Core 17R, Interval 103.1-106.77 m (CSF-A)

Core 17 consists of an alternation of dark gray (2.5Y 4/1) to very dark gray (5Y 3/1) CLAYSTONE with silt, presenting parallel laminations and moderate bioturbations, and black (2.5Y 2.5/1) ASH with clay, locally fining upwards. Pyrite is observed in section 2. The core is moderately fragmented.



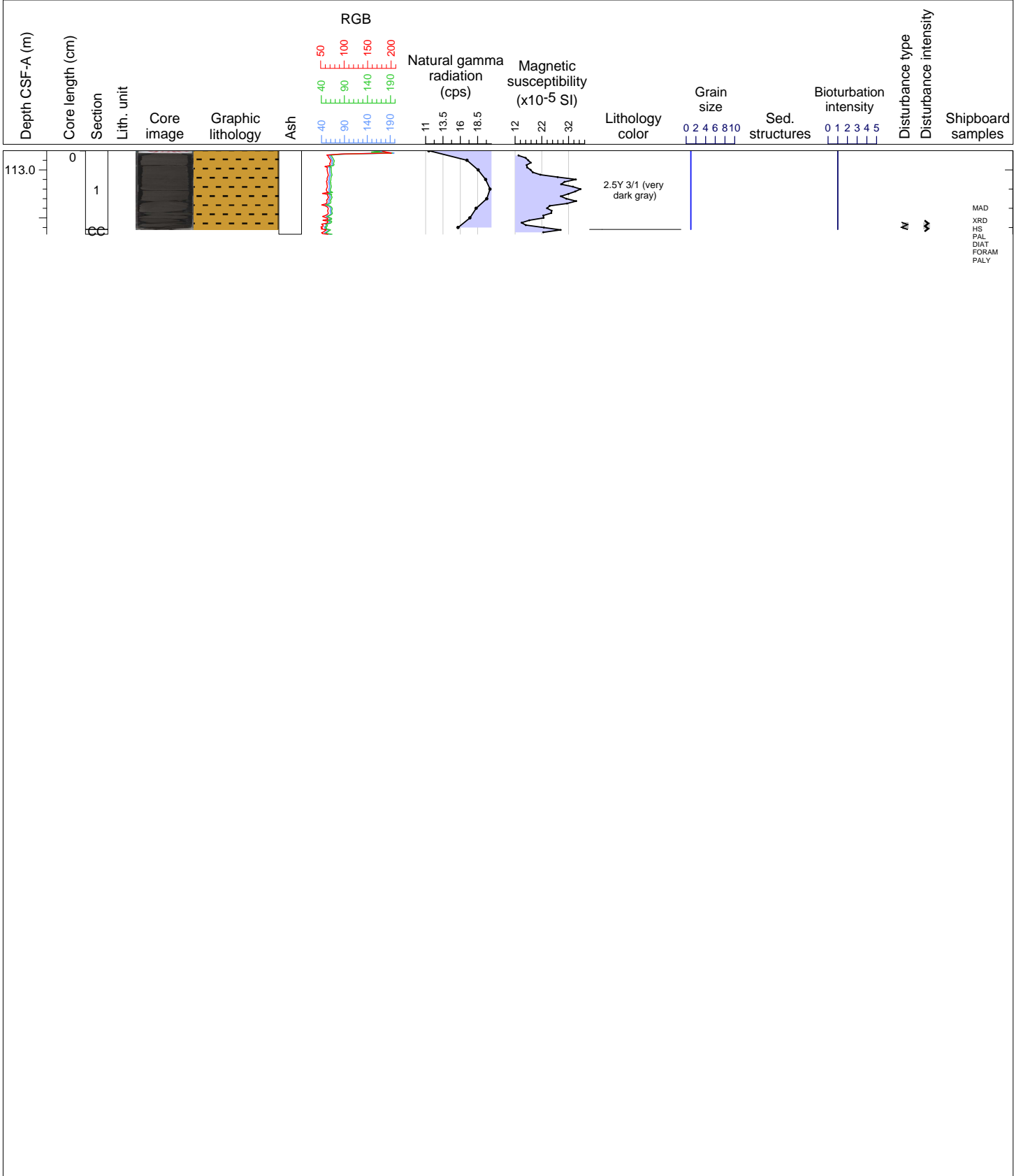
Hole 396-U1570A Core 18R, Interval 107.9-110.93 m (CSF-A)

Core 18 consists of an alternation of very dark gray (2.5Y 3/1) silt rich CLAYSTONE, locally presenting parallel laminations, and black (2.5Y 2.5/1) ASH with clay. The top of the core contains pyrite. The base of the core shows moderate bioturbations.



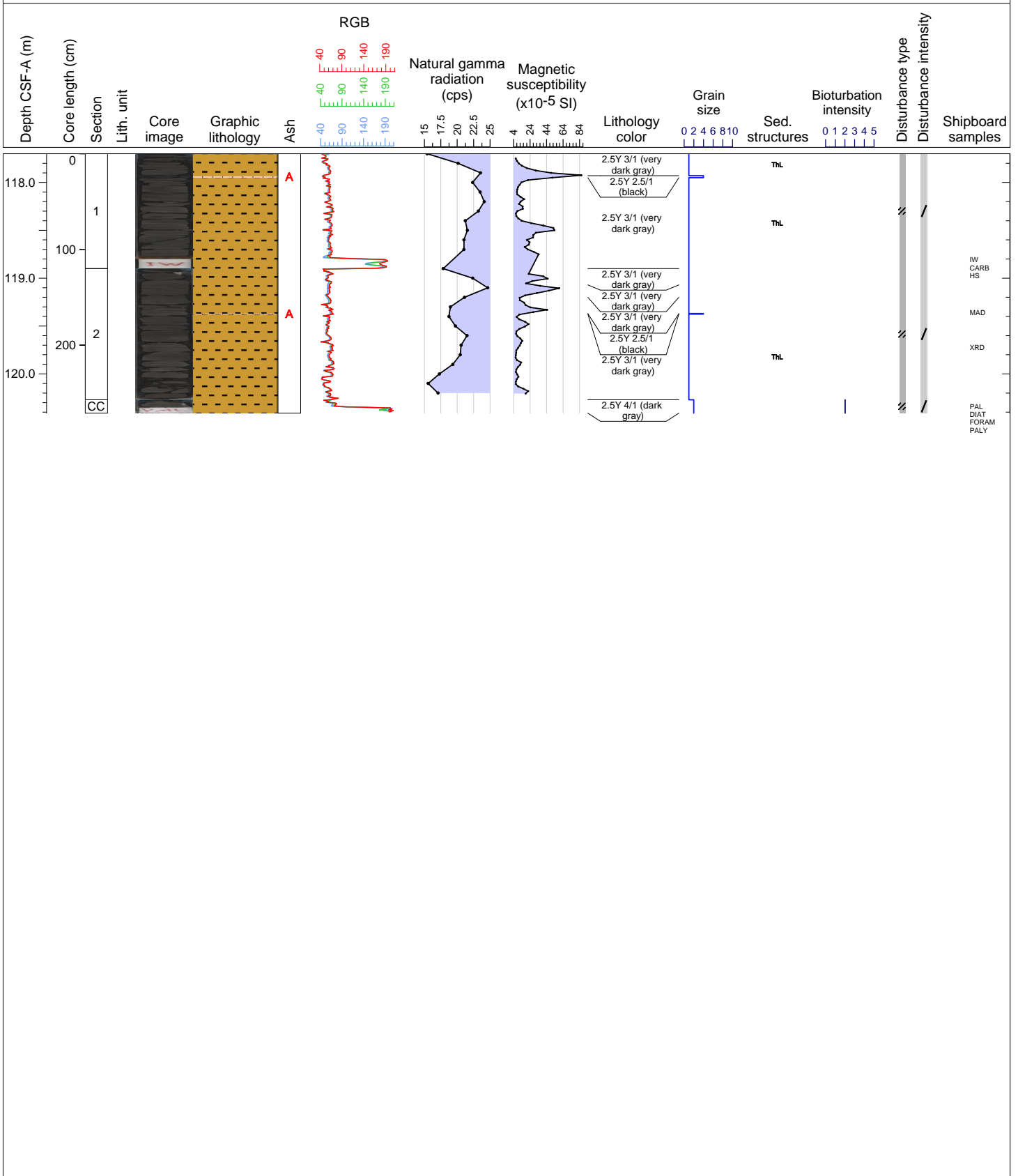
Hole 396-U1570A Core 19R, Interval 112.8-113.67 m (CSF-A)

Core 19 consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt with dewatering structures and slight bioturbations. The core is highly fragmented,



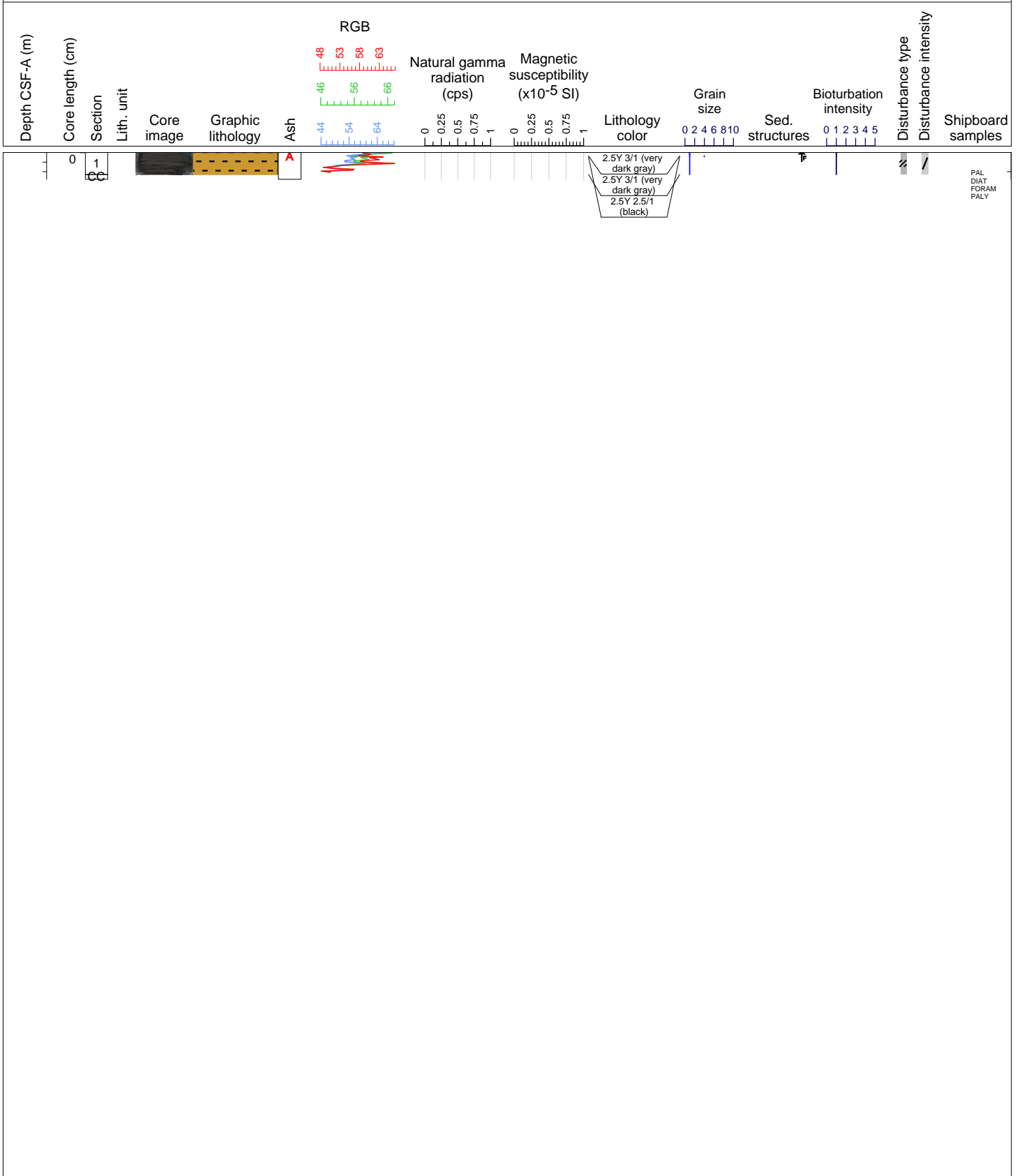
Hole 396-U1570A Core 20R, Interval 117.7-120.41 m (CSF-A)

Core 20 consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt with parallel laminations and black (2.5Y 2.5/1) ASH with clay. The core is slightly to moderately fractured.



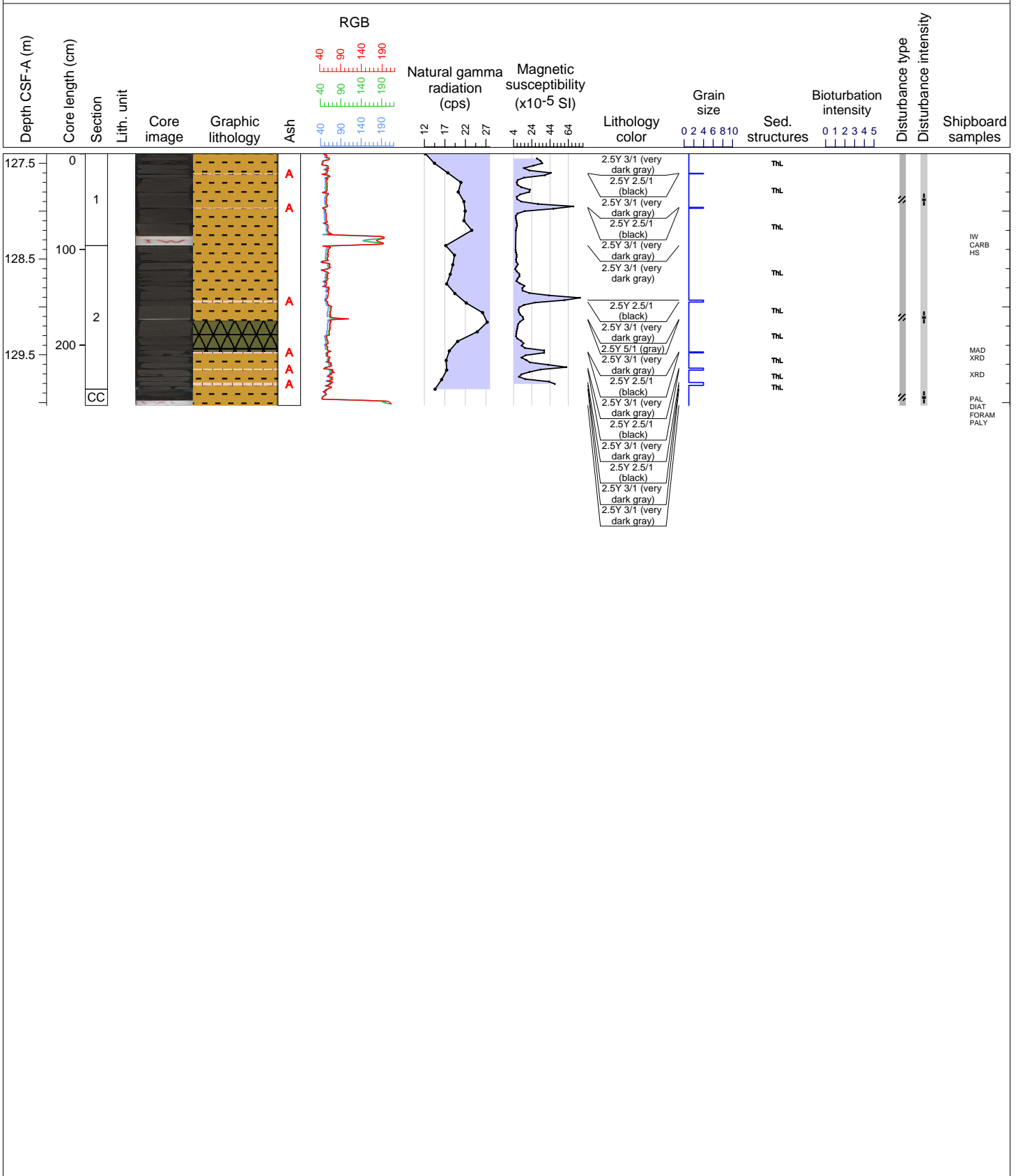
Hole 396-U1570A Core 21R, Interval 122.6-122.88 m (CSF-A)

Core 21 consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt with slight bioturbations and black (2.5Y 2.5/1) ASH with clay, fining upwards. The core is slightly to moderately fractured



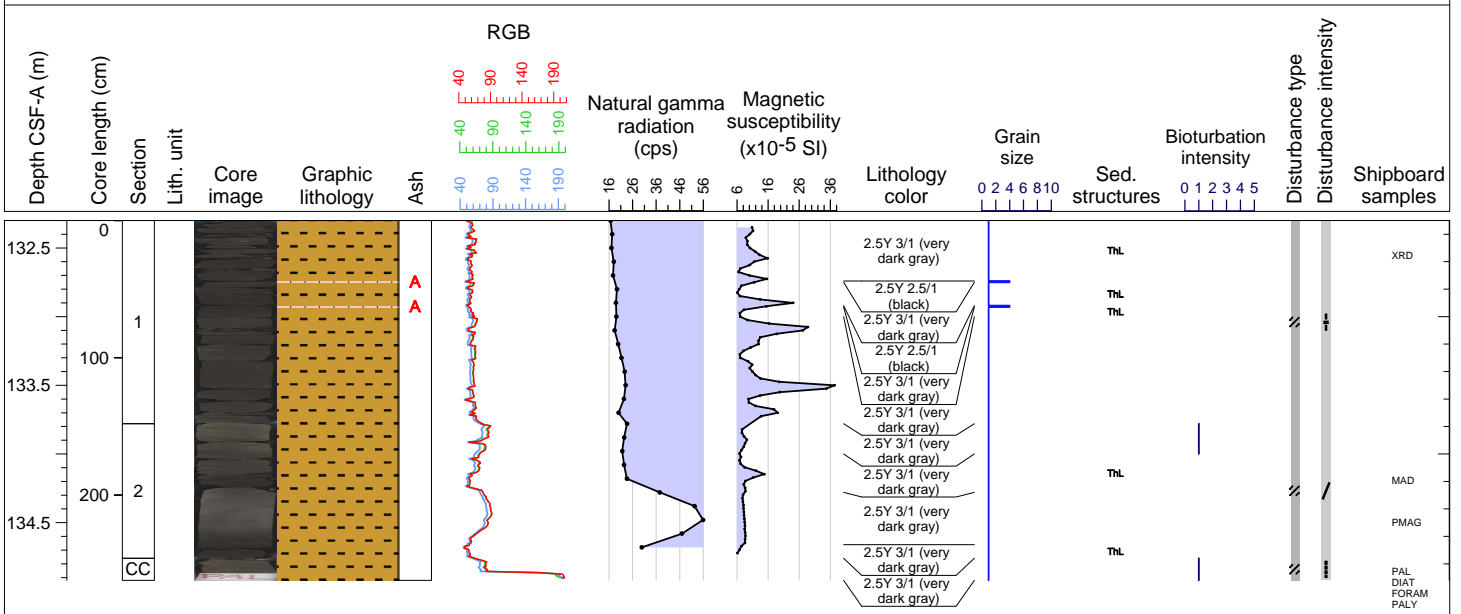
Hole 396-U1570A Core 22R, Interval 127.4-130.03 m (CSF-A)

Core 22 consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt with parallel laminations and black (2.5Y 2.5/1) ASH with clay. The core also presents multiple normal faults with cm-scale offsets. The core is moderately fractured.



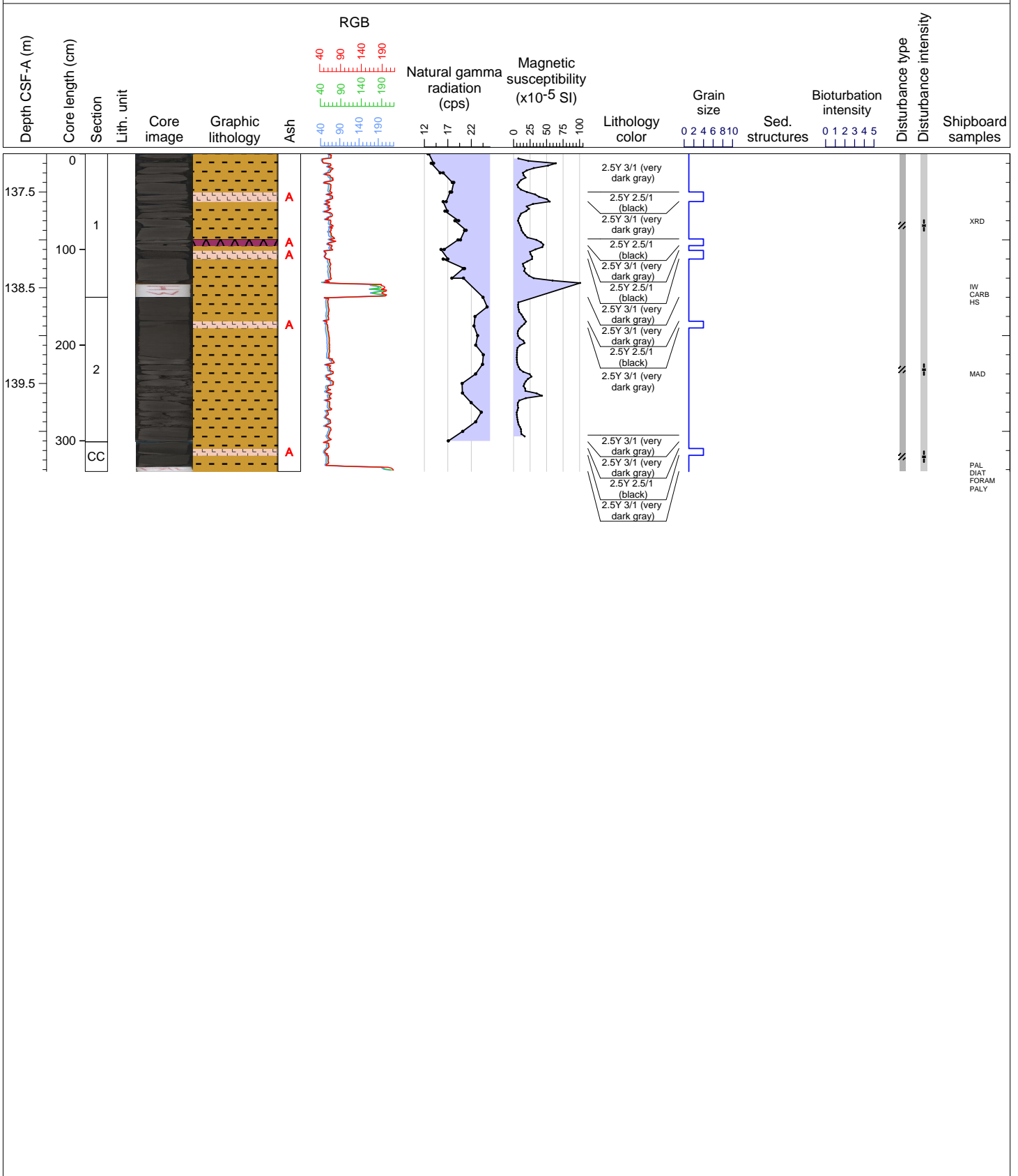
Hole 396-U1570A Core 23R, Interval 132.3-134.92 m (CSF-A)

Core 23 consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt and black (2.5Y 2.5/1) ASH with clay. The core also presents multiple normal faults with cm-scale offsets. The core is slightly to moderately fractured.



Hole 396-U1570A Core 24R, Interval 137.1-140.42 m (CSF-A)

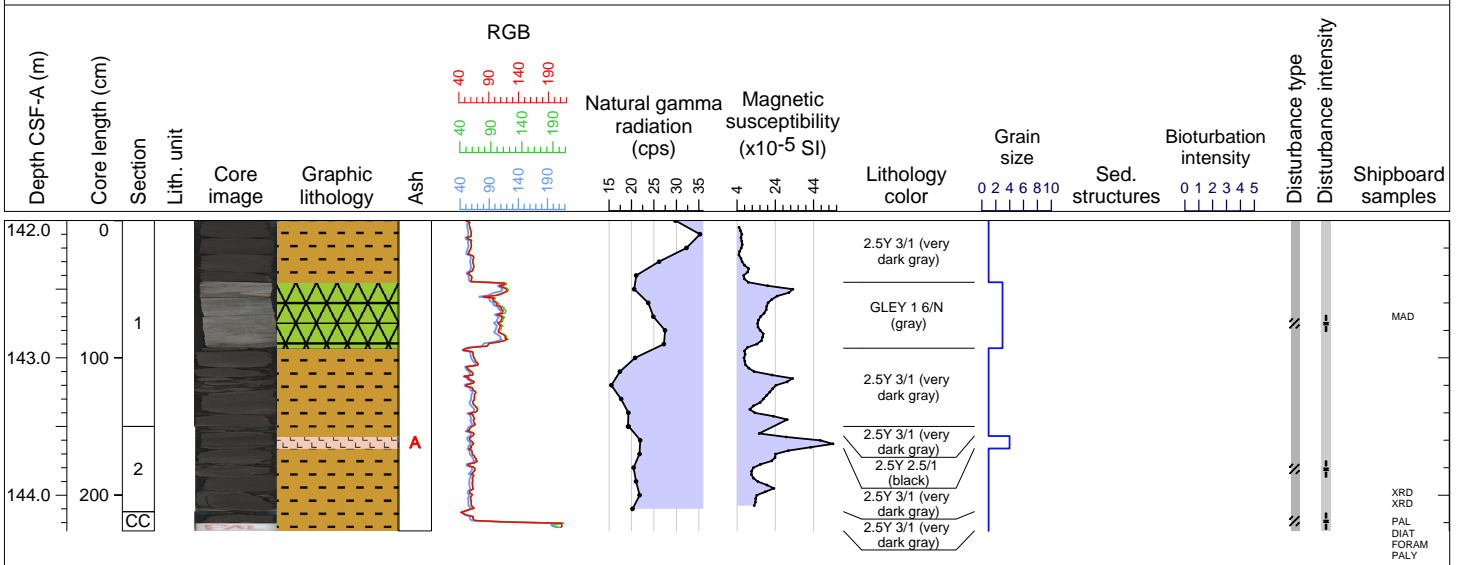
Core 24 consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt with parallel laminations and black (2.5Y 2.5/1) ASH with clay. The core also presents a normal fault with a 3cm offset. The core is moderately fractured.





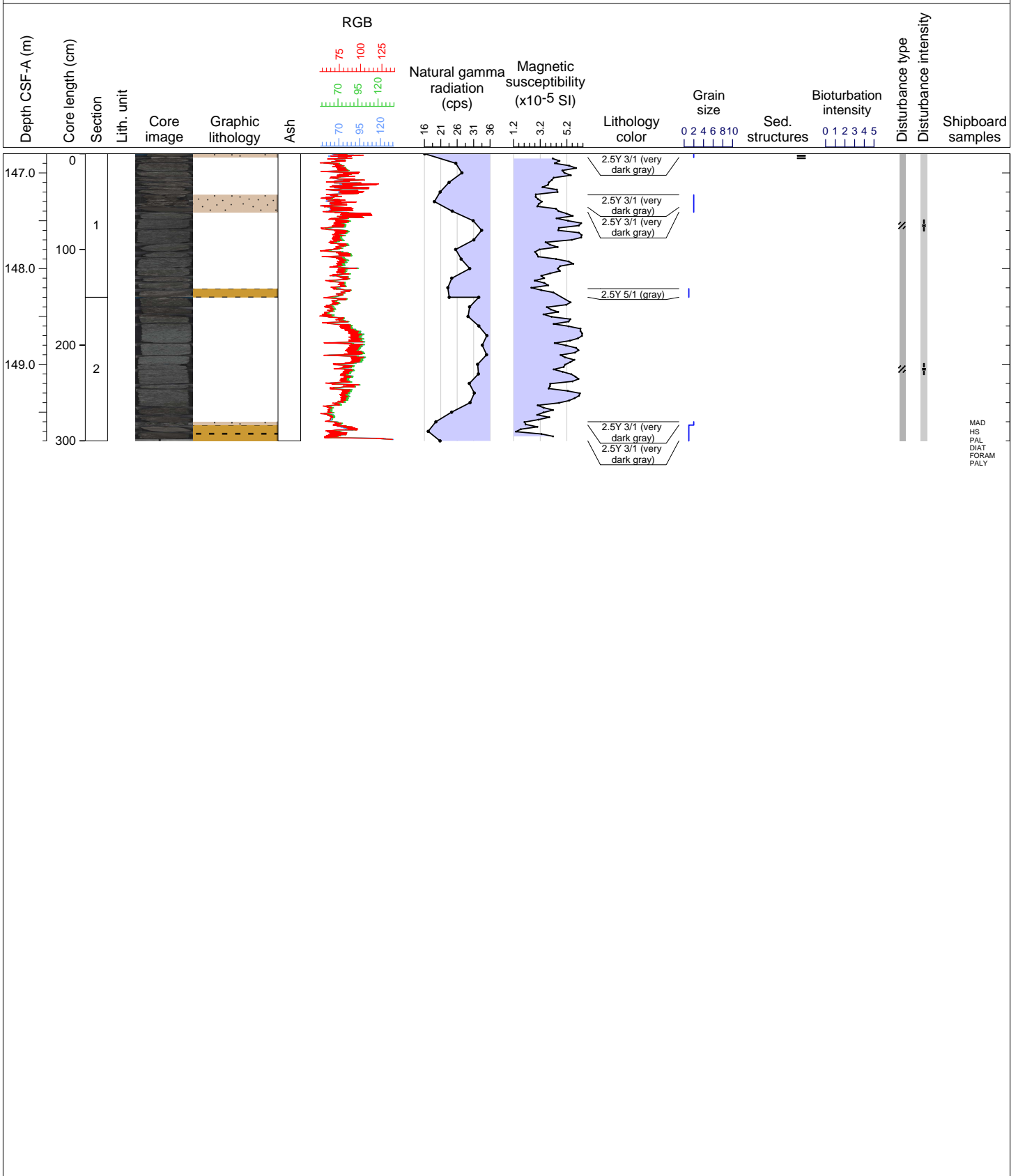
Hole 396-U1570A Core 25R, Interval 142.0-144.26 m (CSF-A)

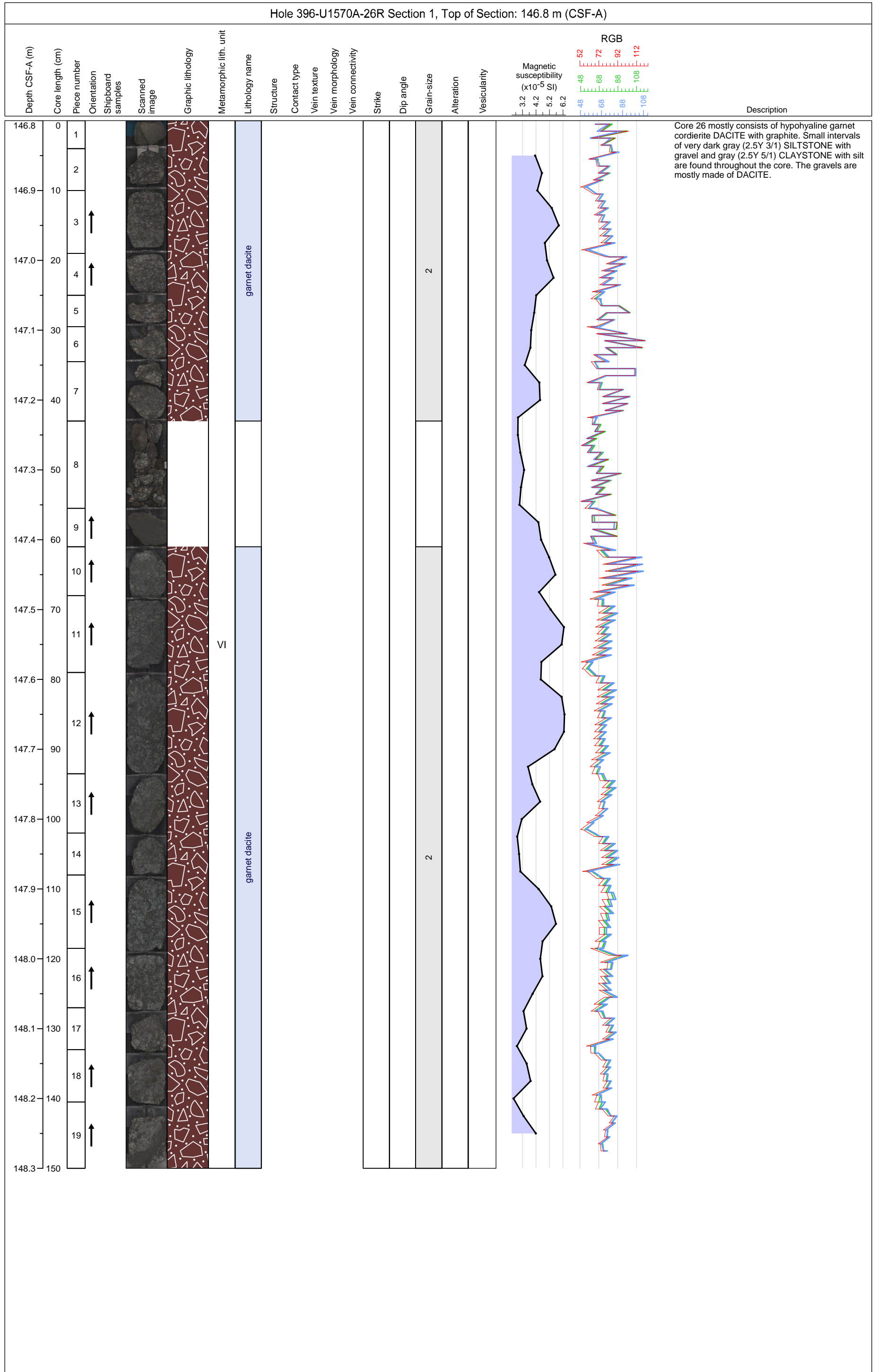
Core 25 mostly consists of very dark gray (2.5Y 3/1) CLAYSTONE with ash and silt with dewatering structures, and black (2.5Y 2.5/1) ASH with clay. A layer of 48 cm of gray (LEY 1 6/N) LIMESTONE with glendonite is present in section 1. The core contains also significant amount of pyrite. The core is moderately fractured.

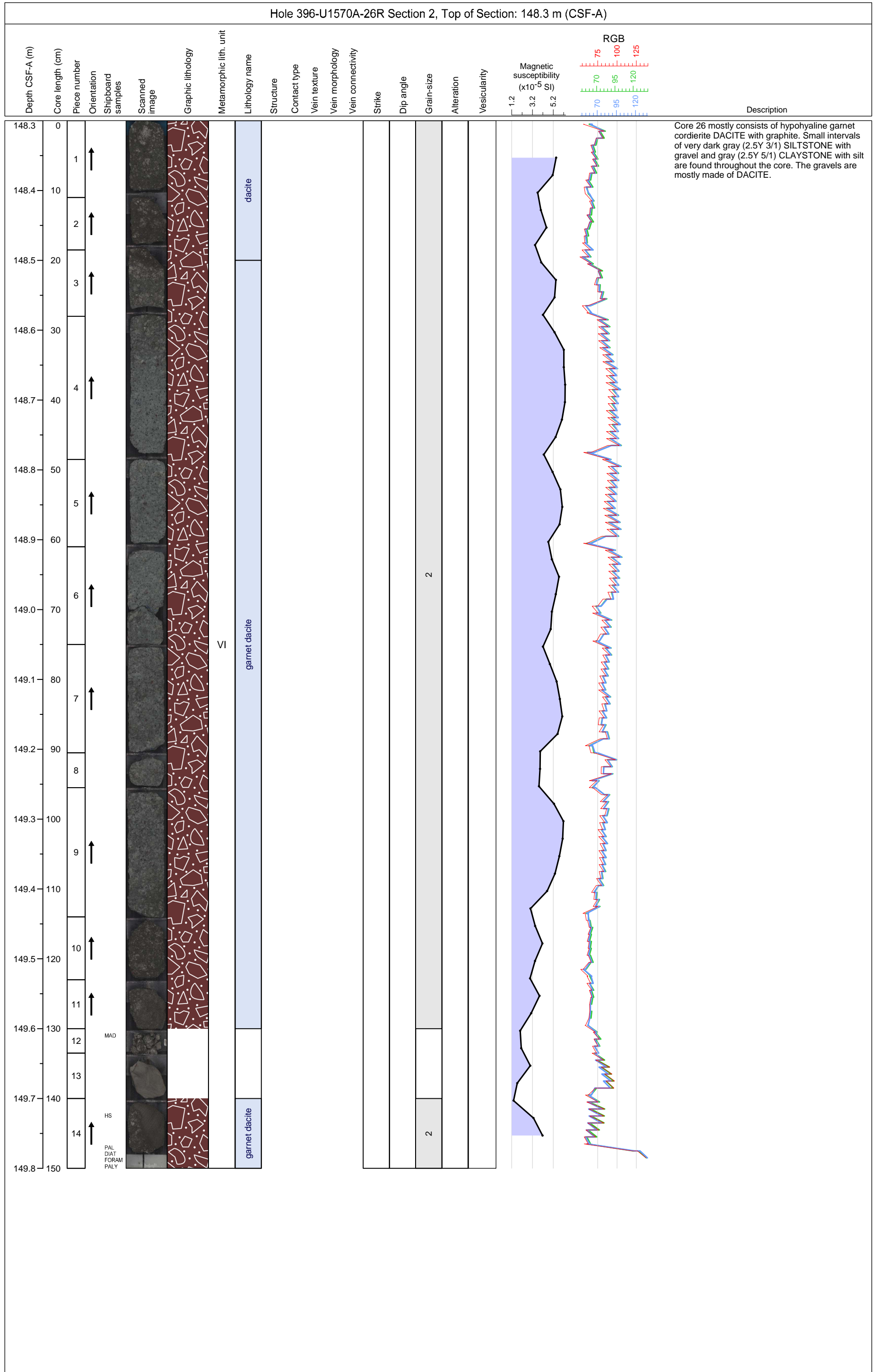


Hole 396-U1570A Core 26R, Interval 146.8-149.8 m (CSF-A)

Core 26 mostly consists of hypohyaline garnet cordierite DACITE with graphite. Small intervals of very dark gray (2.5Y 3/1) SILTSTONE with gravel and gray (2.5Y 5/1) CLAYSTONE with silt are found throughout the core. The gravels are mostly made of DACITE.

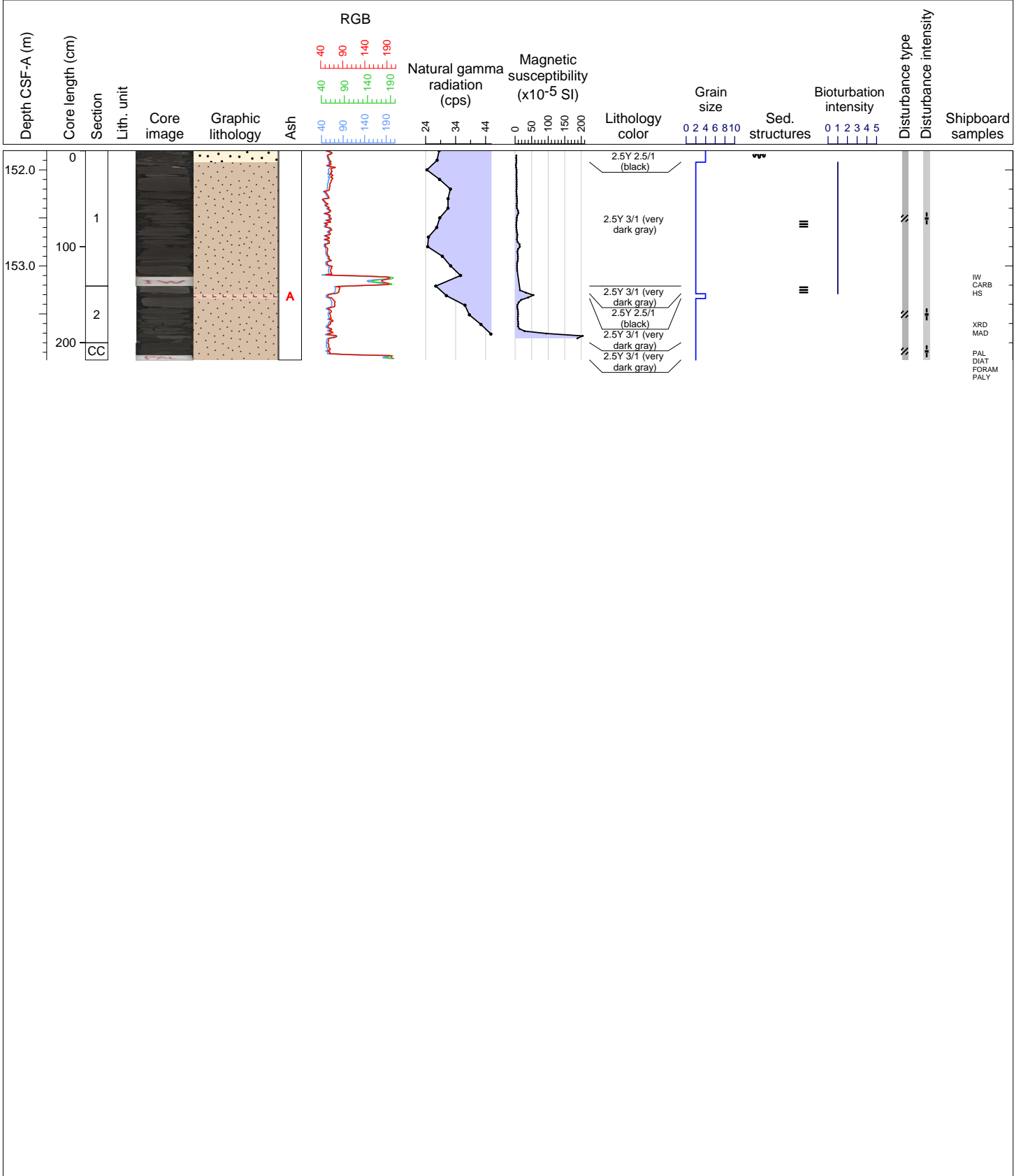






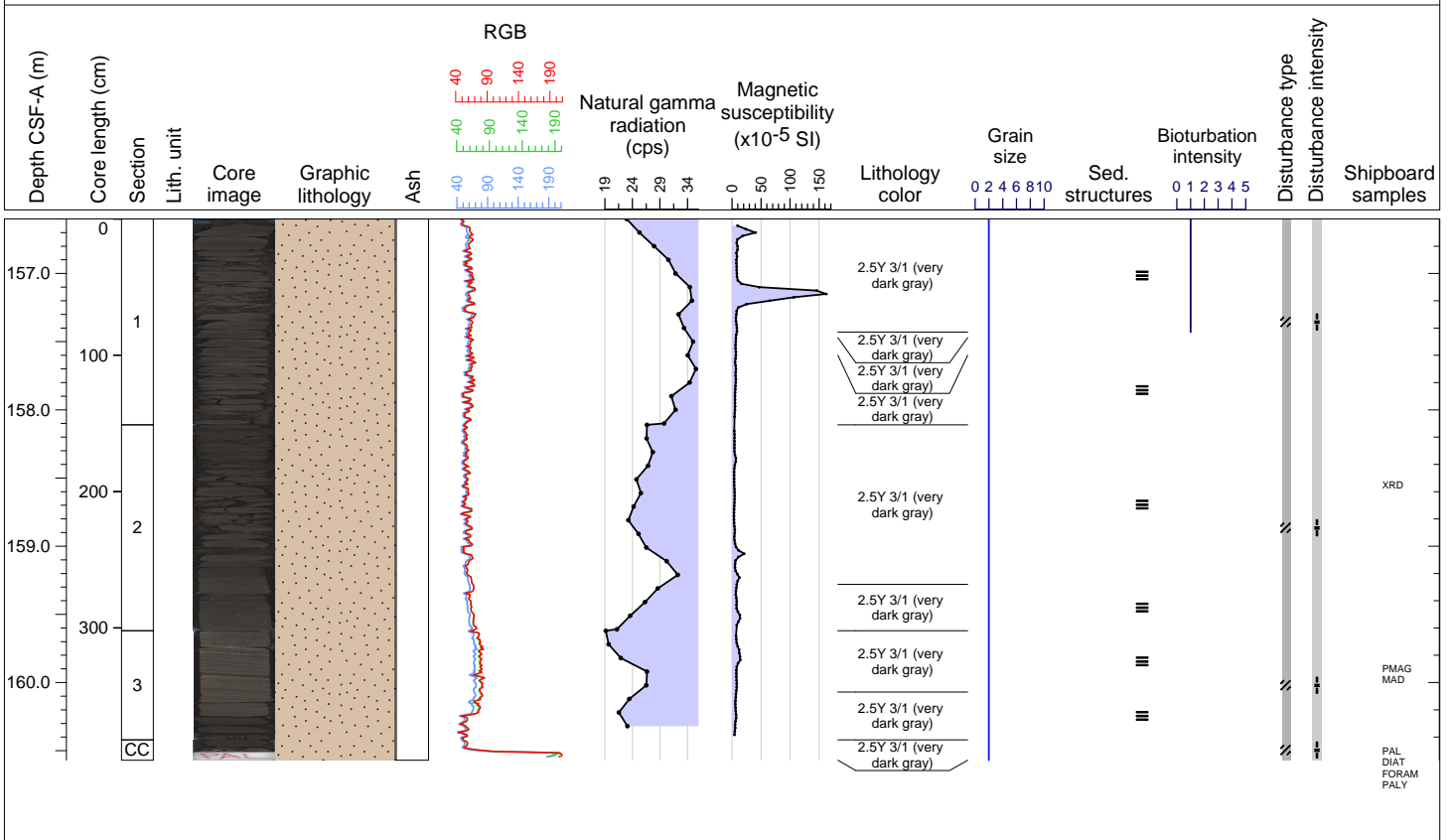
Hole 396-U1570A Core 27R, Interval 151.8-153.98 m (CSF-A)

The top 14 cm of core 27 consists of hypohyaline garnet cordierite DACITE with graphite. The volcanic rock overlies very dark gray (2.5Y 3/1) SILTSTONE with clay, locally presenting parallel laminations and containing pyrite. The core is moderately fractured.



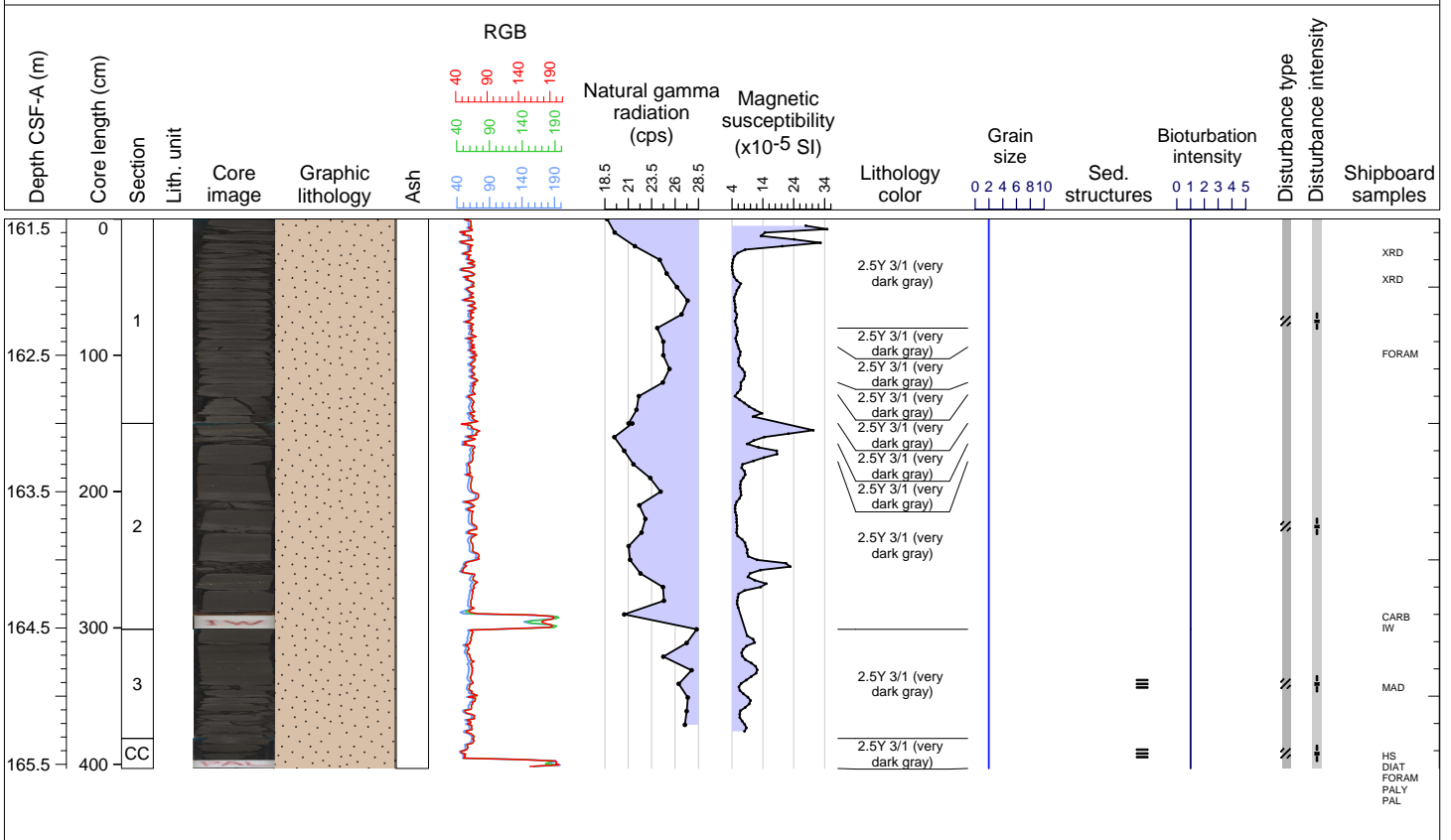
Hole 396-U1570A Core 28R, Interval 156.6-160.57 m (CSF-A)

Core 28 consists of very dark gray (2.5Y 3/1) SILTSTONE with clay, with parallel lamination and dewatering structures, and contains pyrite. The core is moderately fractured.



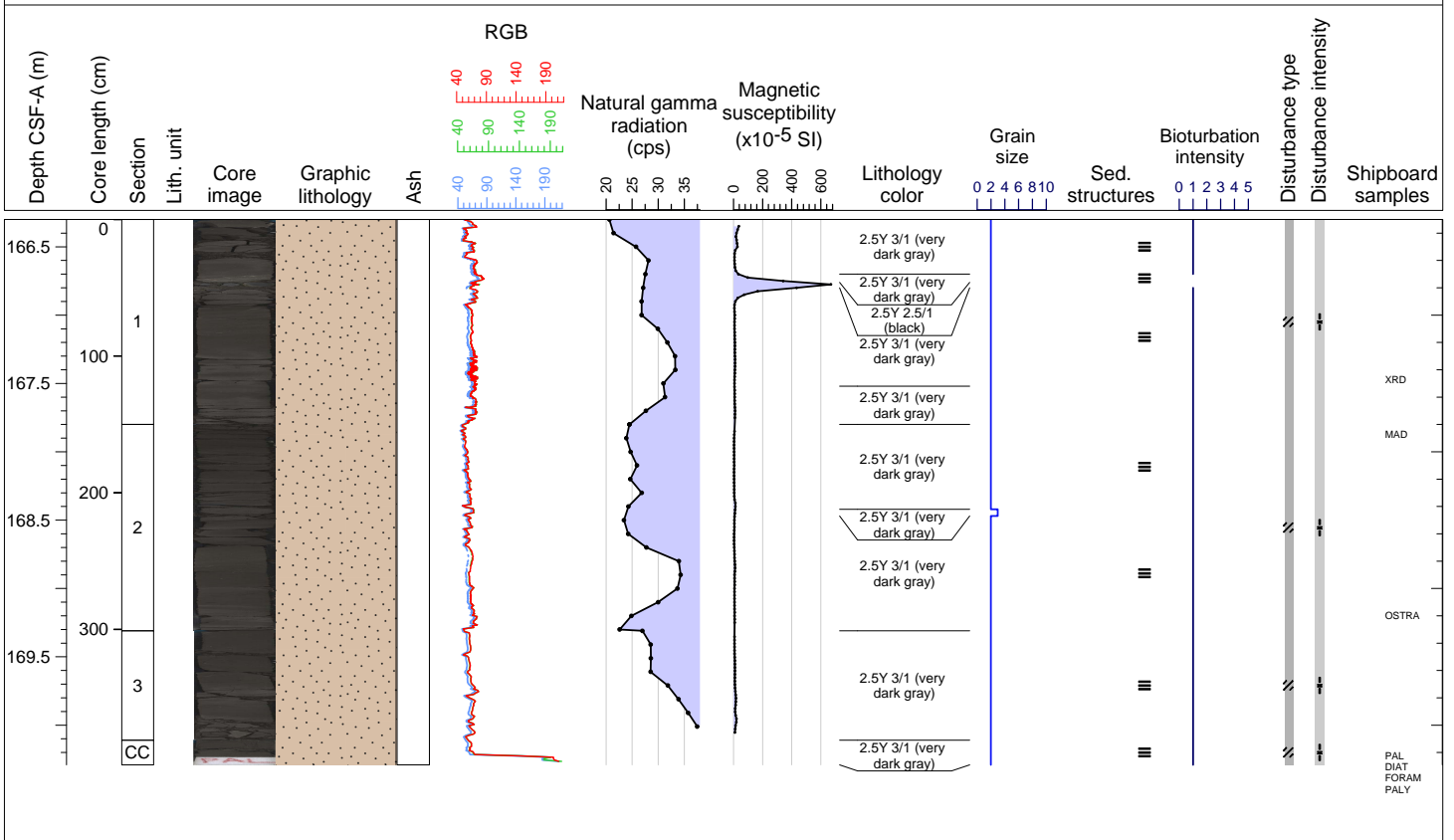
Hole 396-U1570A Core 29R, Interval 161.5-165.53 m (CSF-A)

Core 29 consists of very dark gray (2.5Y 3/1) SILTSTONE with clay, with slight bioturbations and dewatering structures. The base of the core presents parallel laminations. The core also contains pyrite and trace of gastropods. The core is moderately fractured.



Hole 396-U1570A Core 30R, Interval 166.3-170.29 m (CSF-A)

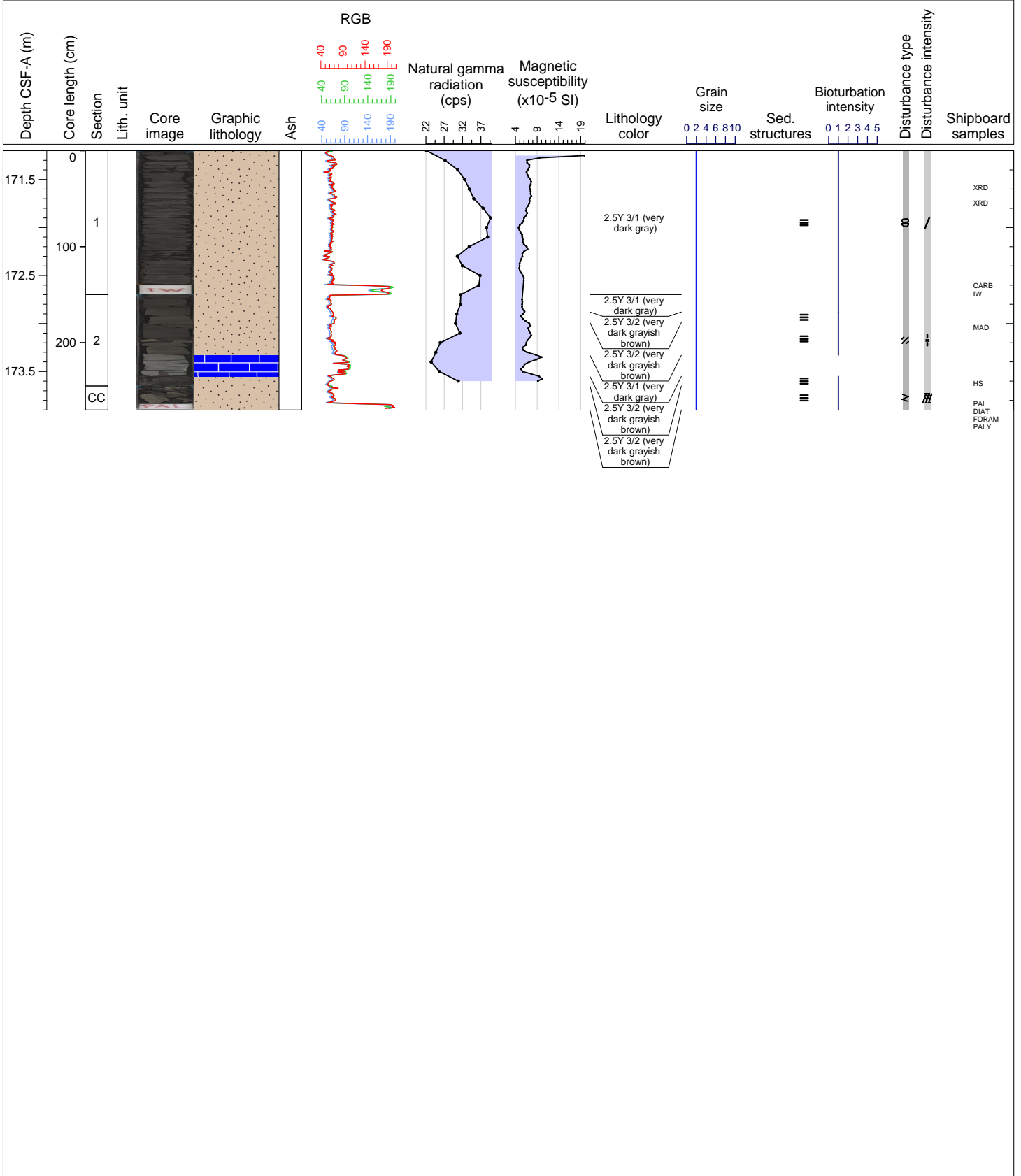
Core 30 consists of very dark gray (2.5Y 3/1) SILTSTONE with clay, with parallel laminations, slight bioturbations and dewatering structures. The core also contains pyrite and trace of gastropods. The core is moderately fractured.





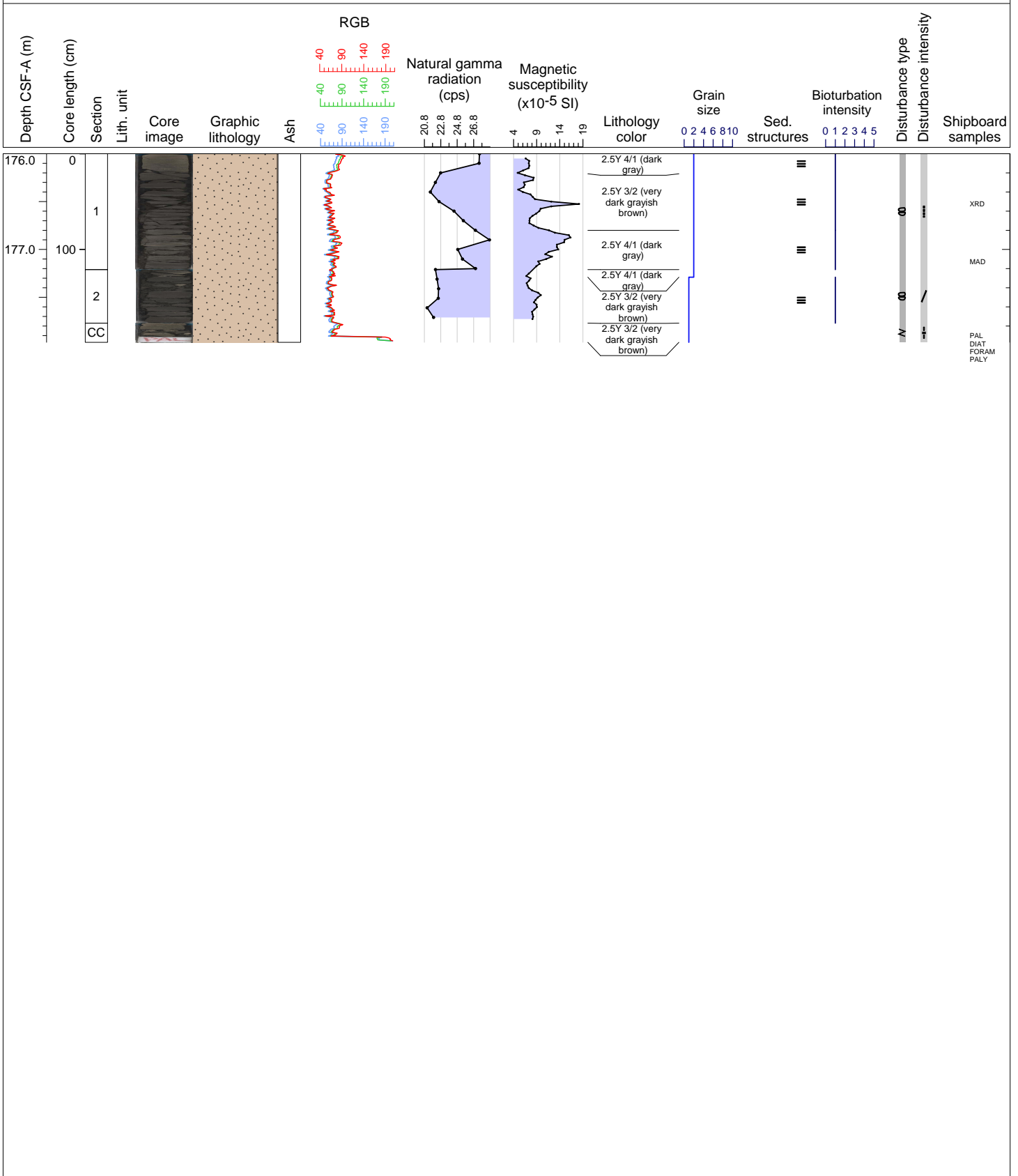
Hole 396-U1570A Core 31R, Interval 171.2-173.9 m (CSF-A)

Core 31 shows variable drilling disturbances, from moderately fractured to highly fragmented. The core mostly consists of very dark gray (2.5Y 3/1) to very dark grayish brown (2.5Y 3.8/2) SILTSTONE with clay, with parallel laminations, slight bioturbations and dewatering structures. Section 2 also contains a 22 cm layer of very dark gray (2.5Y 3/1) LIMESTONE with clay. Pyrite throughout the whole core and traces of bivalves are found in section 1.



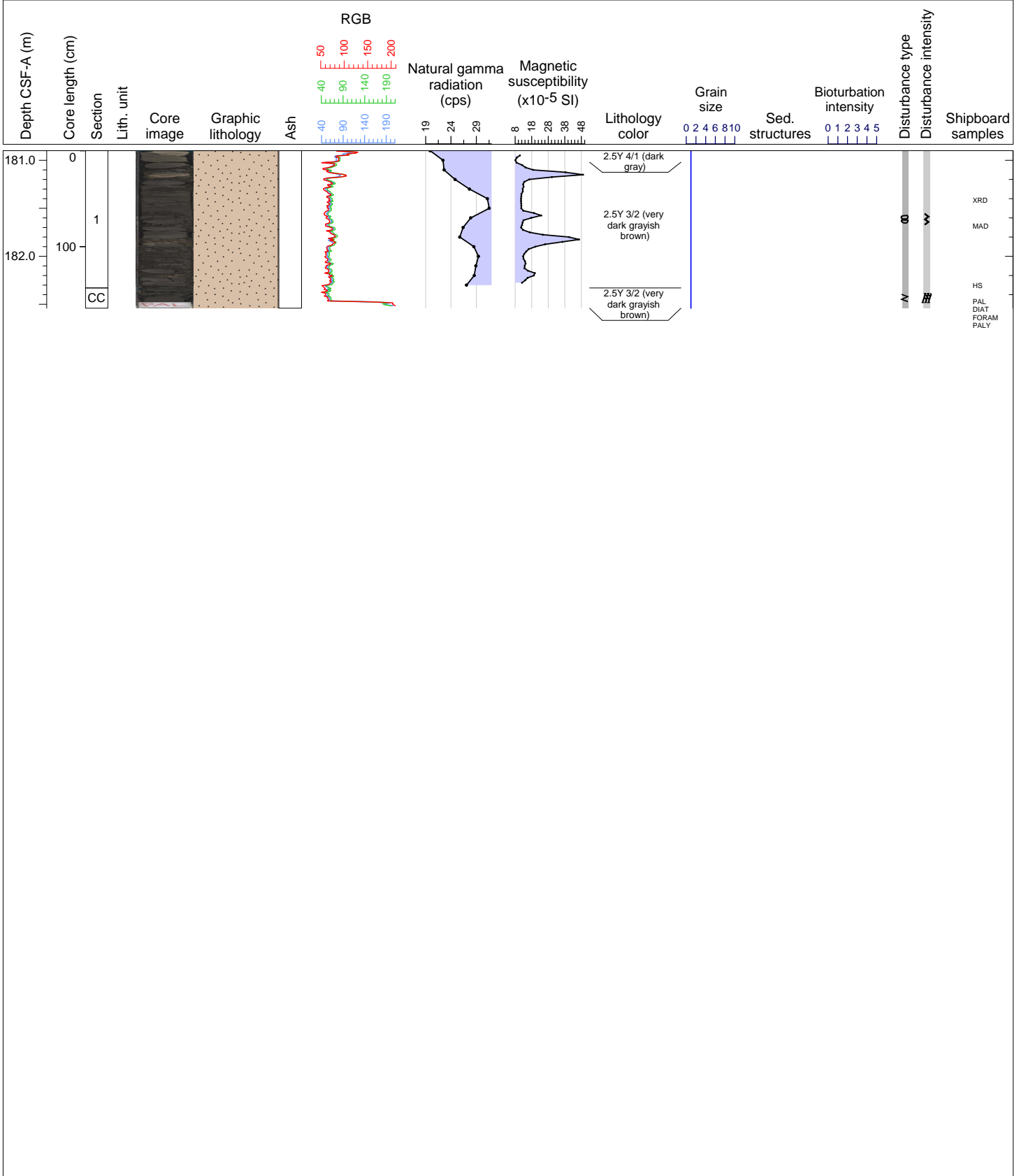
Hole 396-U1570A Core 32R, Interval 176.0-177.97 m (CSF-A)

Core 32 consists of dark gray (2.5Y 4/1) to very dark grayish brown (2.5Y 38/2) SILTSTONE with clay, with parallel laminations, slight bioturbations and dewatering structures. Pyrite throughout the whole core and traces of gastropods are found in section 1. Most of the core is slightly biscuited.



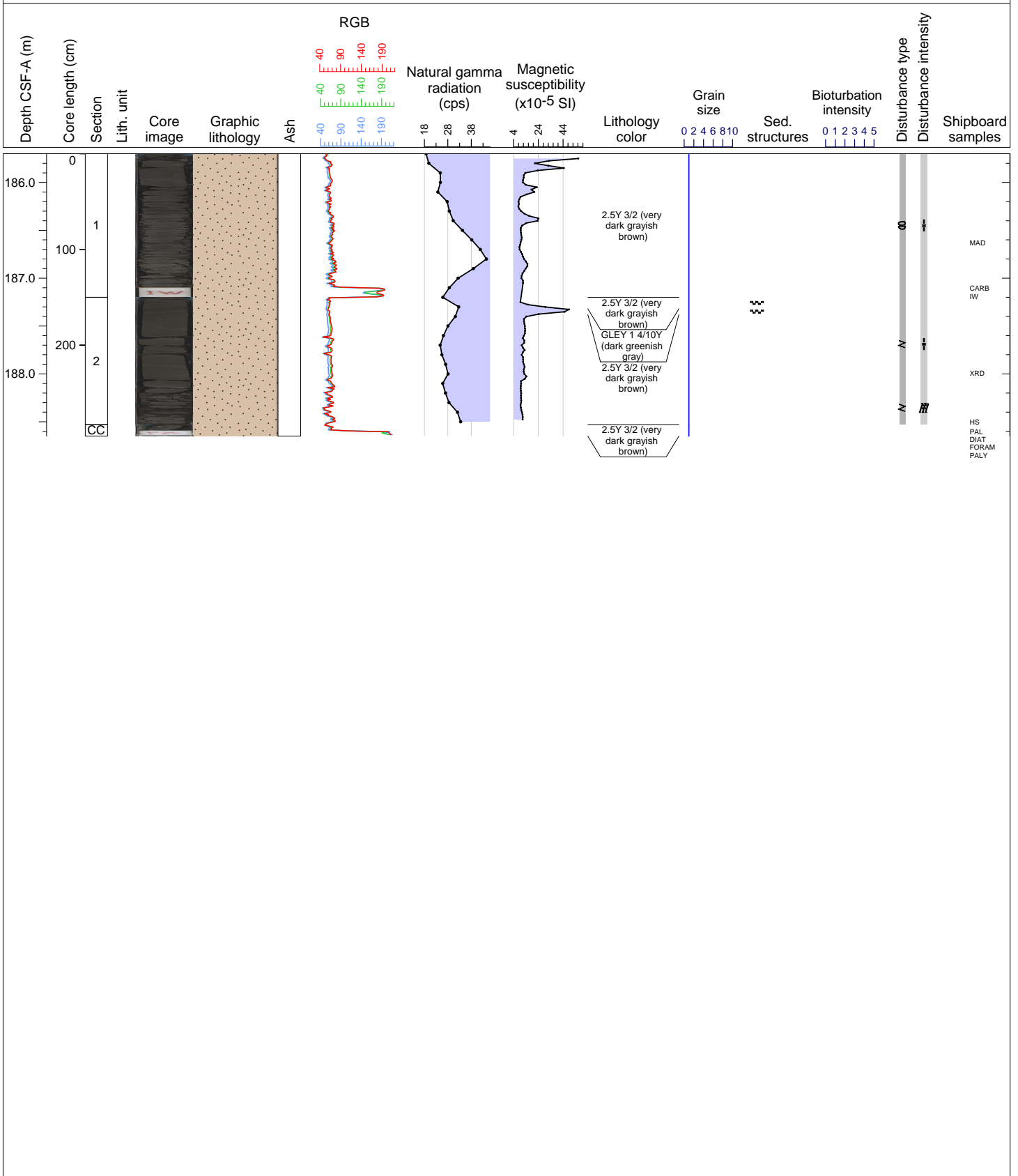
Hole 396-U1570A Core 33R, Interval 180.9-182.54 m (CSF-A)

Core 33 consists of dark gray (2.5Y 4/1) to very dark grayish brown (2.5Y 38/2) SILTSTONE with clay. The core is slightly biscuited to fragmented.



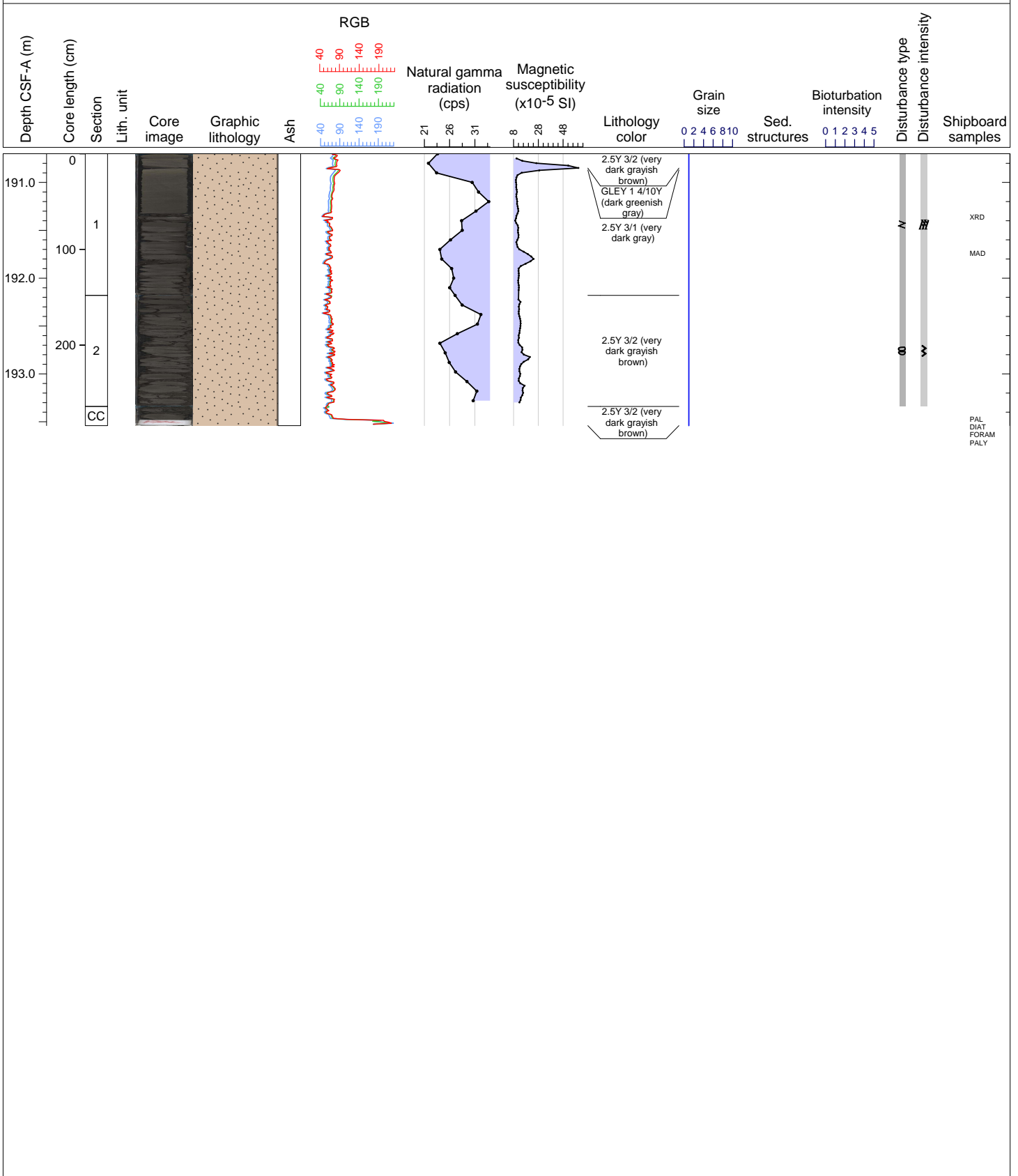
Hole 396-U1570A Core 34R, Interval 185.7-188.65 m (CSF-A)

Core 34 mostly consists of very dark grayish brown (2.5Y 3/2) SILTSTONE with clay. A 5cm thick layer of dark greenish gray (GLEY 1 4/10Y) SILTSTONE with ash is found in section 2. The core is moderately biscuits to highly fragmented.



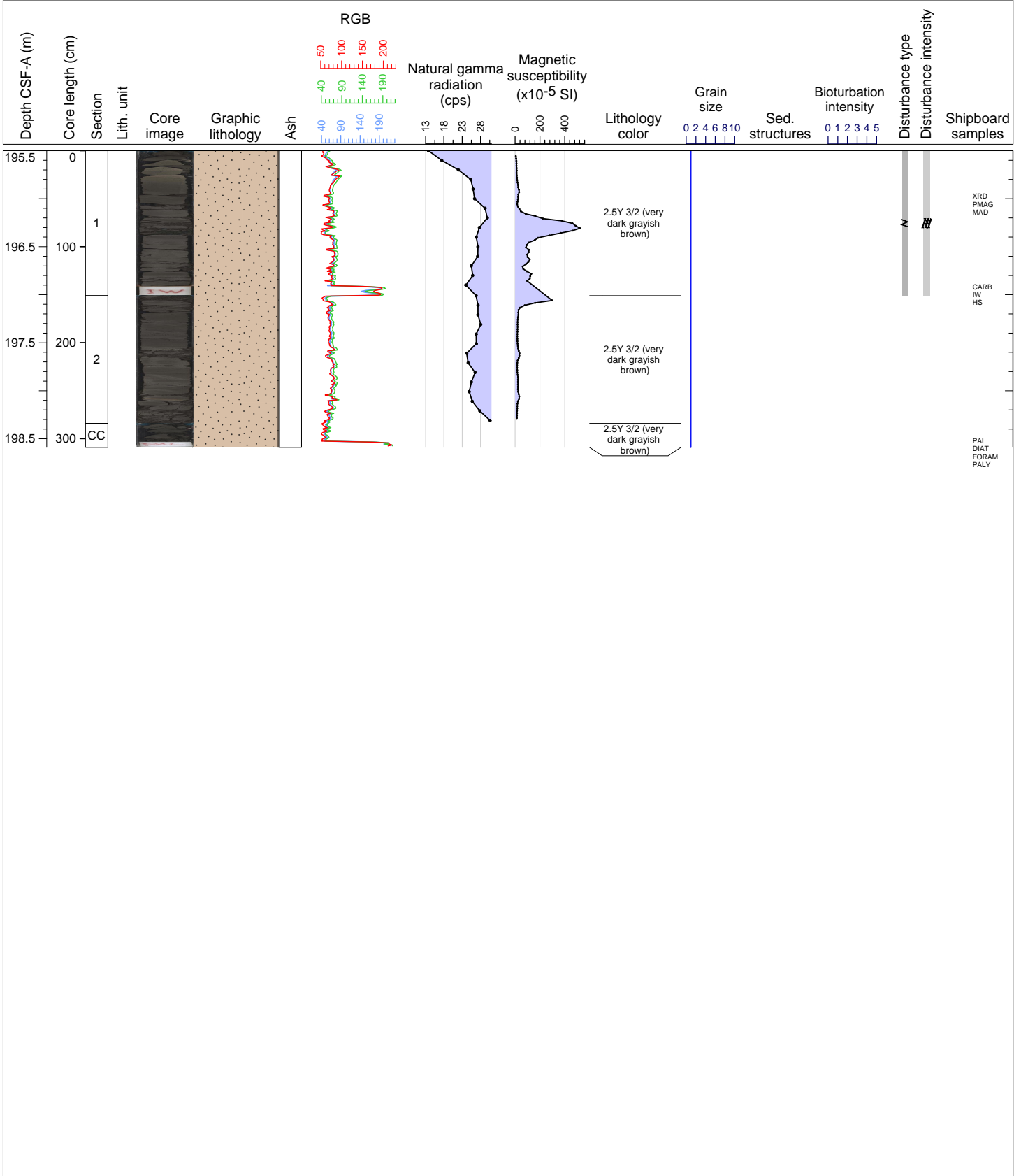
Hole 396-U1570A Core 35R, Interval 190.7-193.54 m (CSF-A)

Core 35 mostly consists of very dark grayish brown (2.5Y 3/2) SILTSTONE with clay. A 2cm thick layer of dark greenish gray (GLEY 1 4/10Y) SILTSTONE with ash is found in section 1. The core is highly biscuited to highly fragmented.



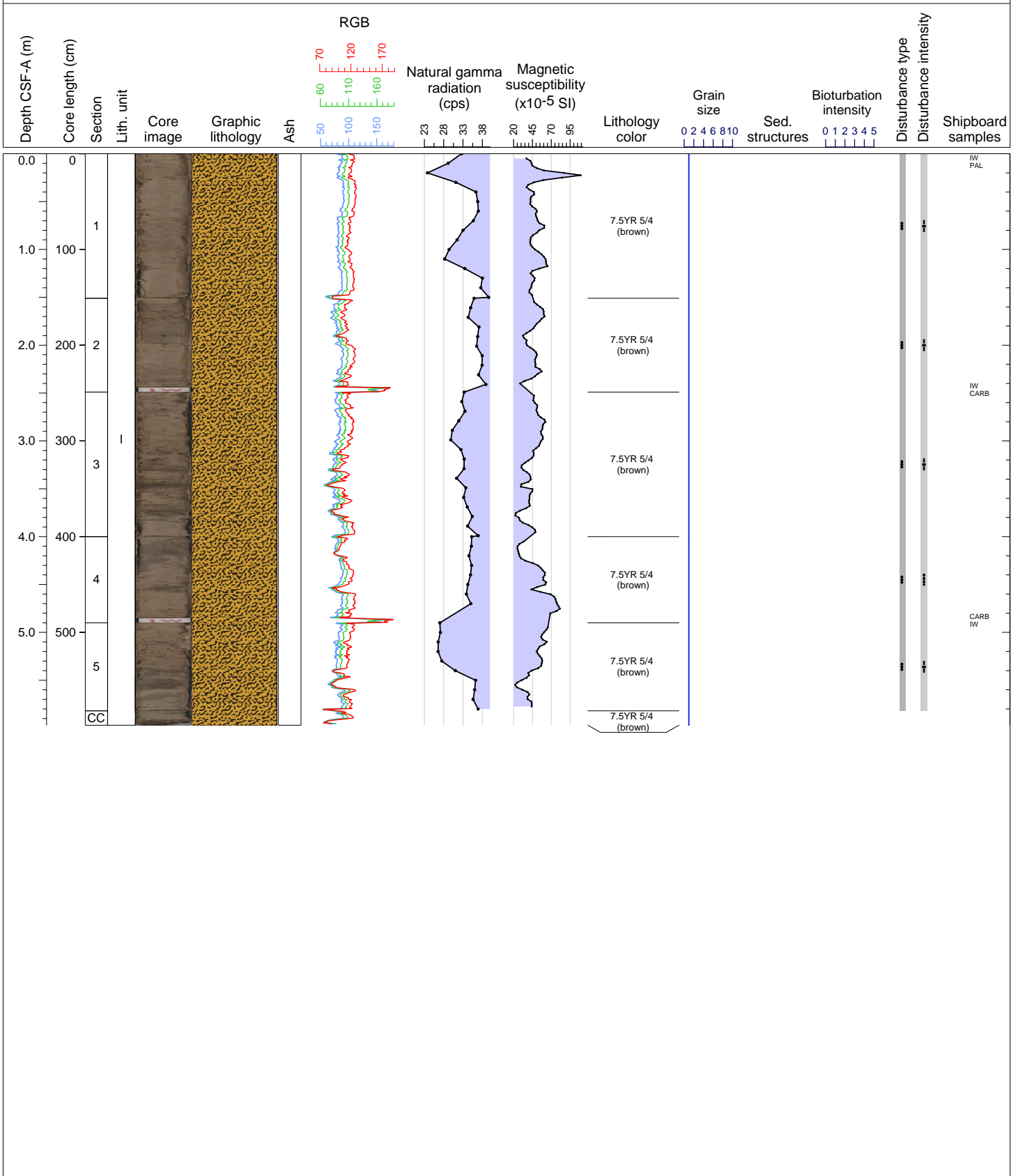
Hole 396-U1570A Core 36R, Interval 195.5-198.59 m (CSF-A)

Core 36 mostly consists of very dark grayish brown (2.5Y 38/2) SILTSTONE with clay. Fragments of wood are observed throughout section 1.



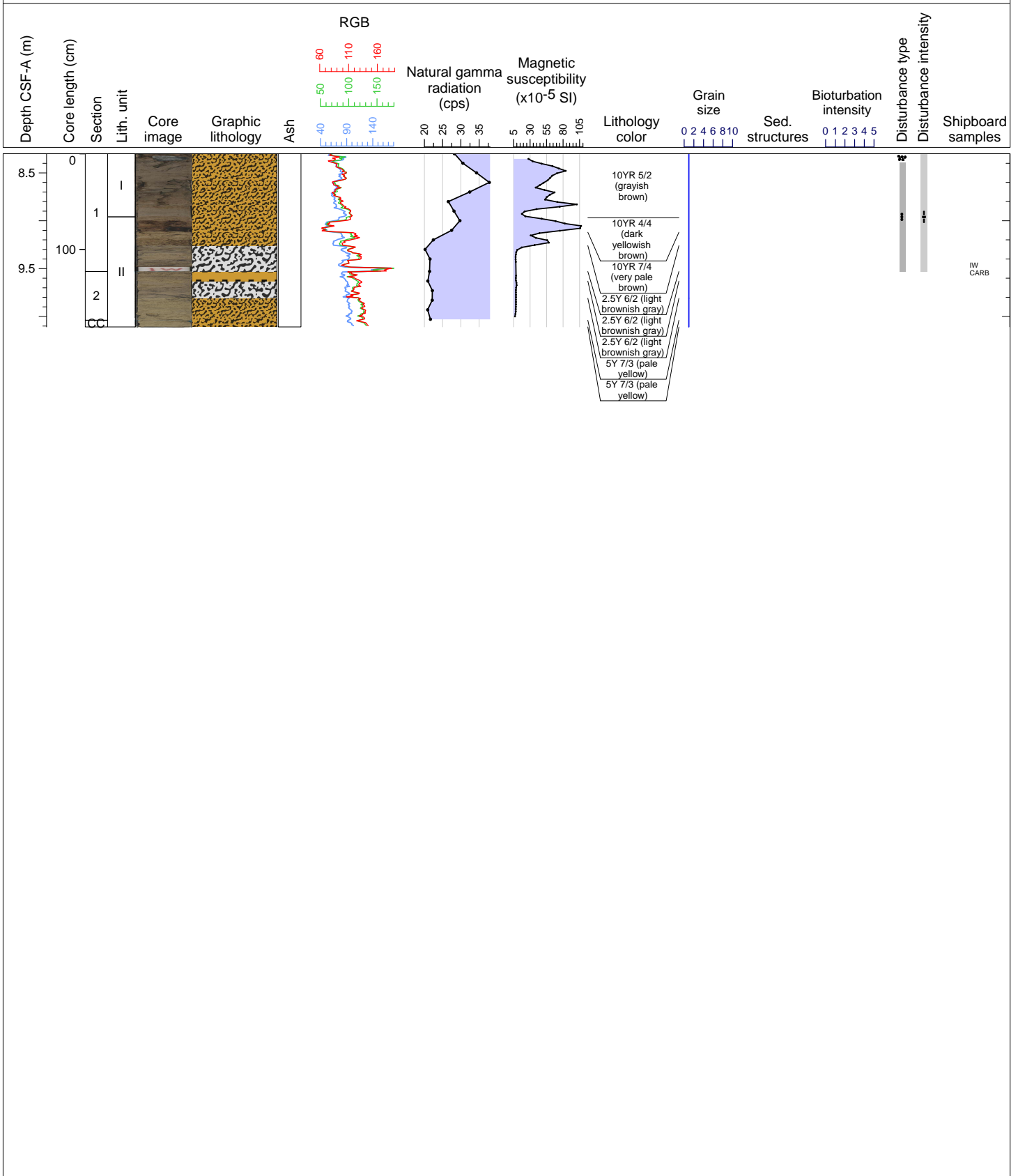
Hole 396-U1570B Core 1R, Interval 0.0-5.97 m (CSF-A)

Core 1 consists of brown (7.5YR 5/4) silt rich CLAY with foraminifers. The core shows moderate soupy drilling disturbance.



Hole 396-U1570B Core 2R, Interval 8.3-10.11 m (CSF-A)

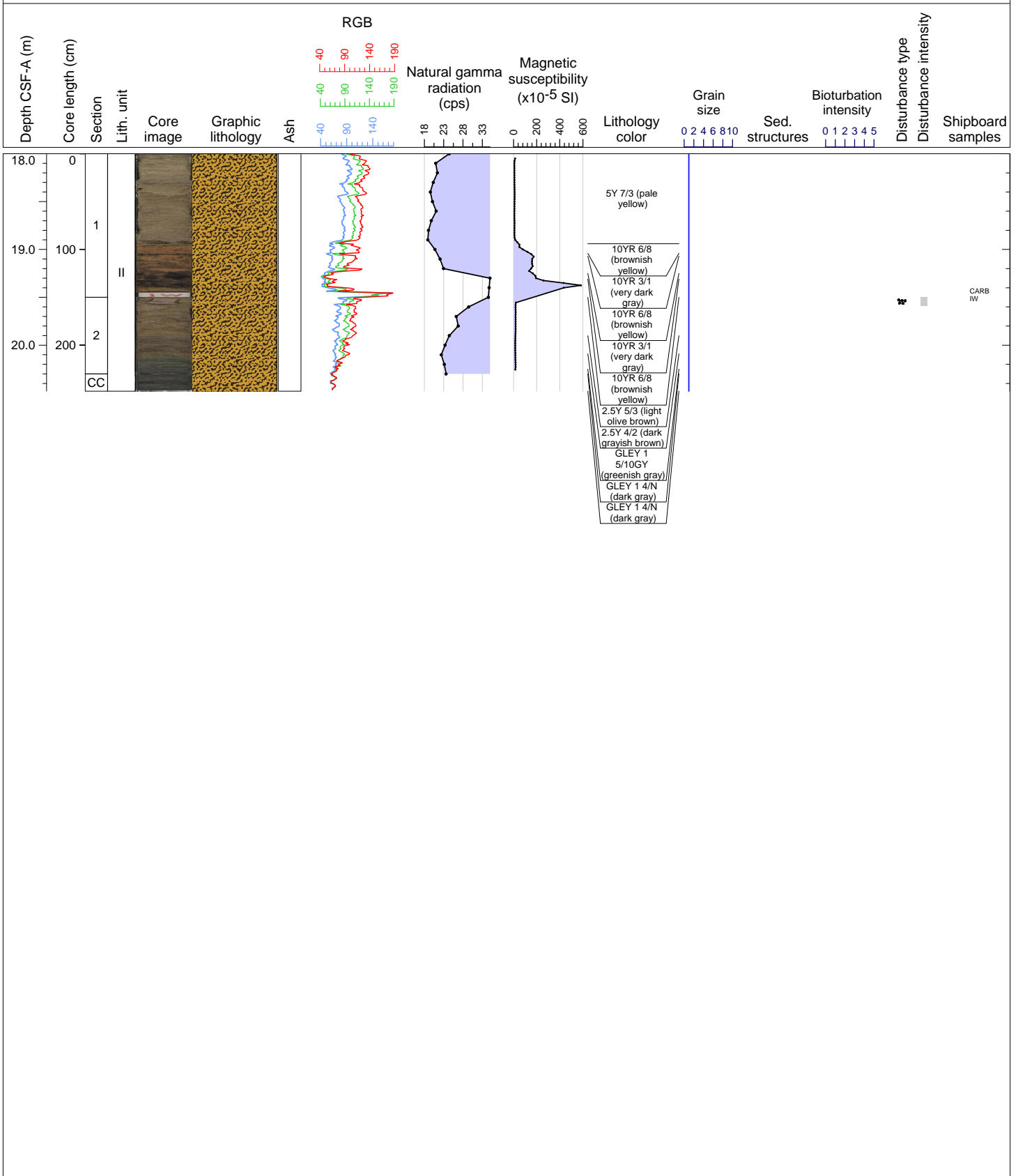
Core 2 mostly consists of silt rich CLAY of various colors, from pale yellow (5Y 7/3) to grayish brown (10YR 5/2). The top 67 cm contains gravels and nodules. The core shows moderate soupy drilling disturbance.





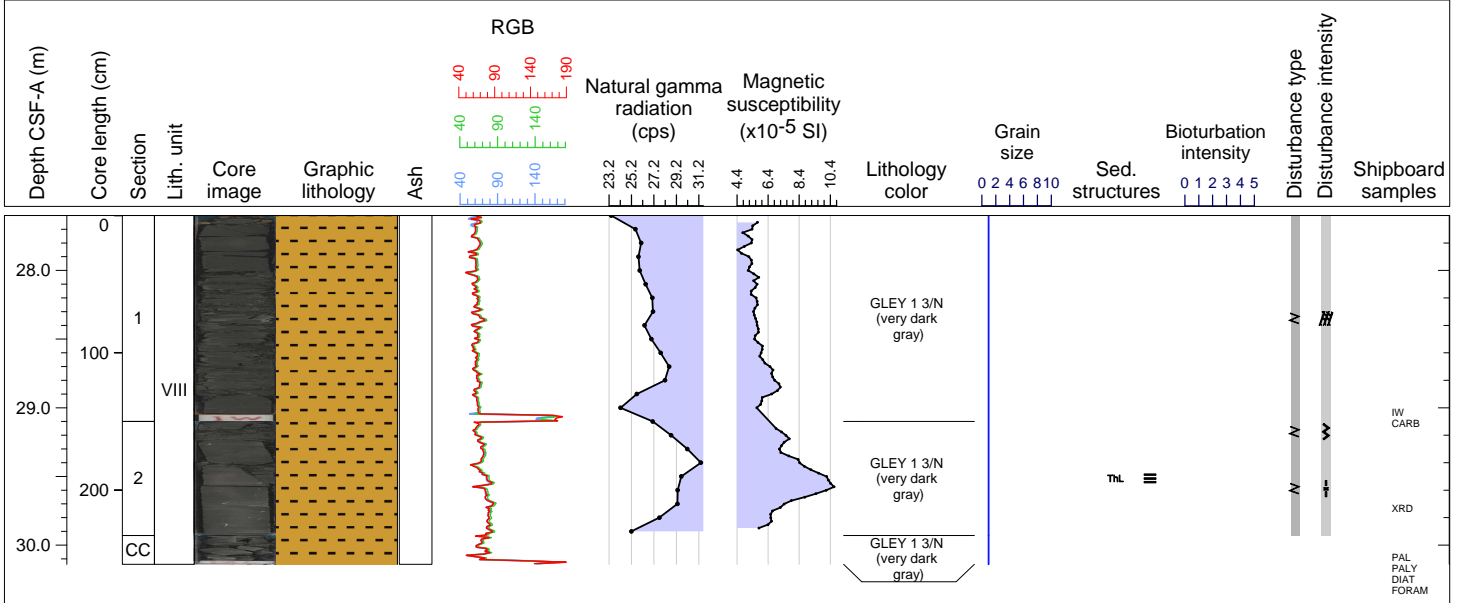
Hole 396-U1570B Core 3R, Interval 18.0-20.48 m (CSF-A)

Core 3 consists of silt rich CLAY of various colors, darkening downhole from pale yellow (5Y 7/3) to dark grey (GLEY 1 4/N).



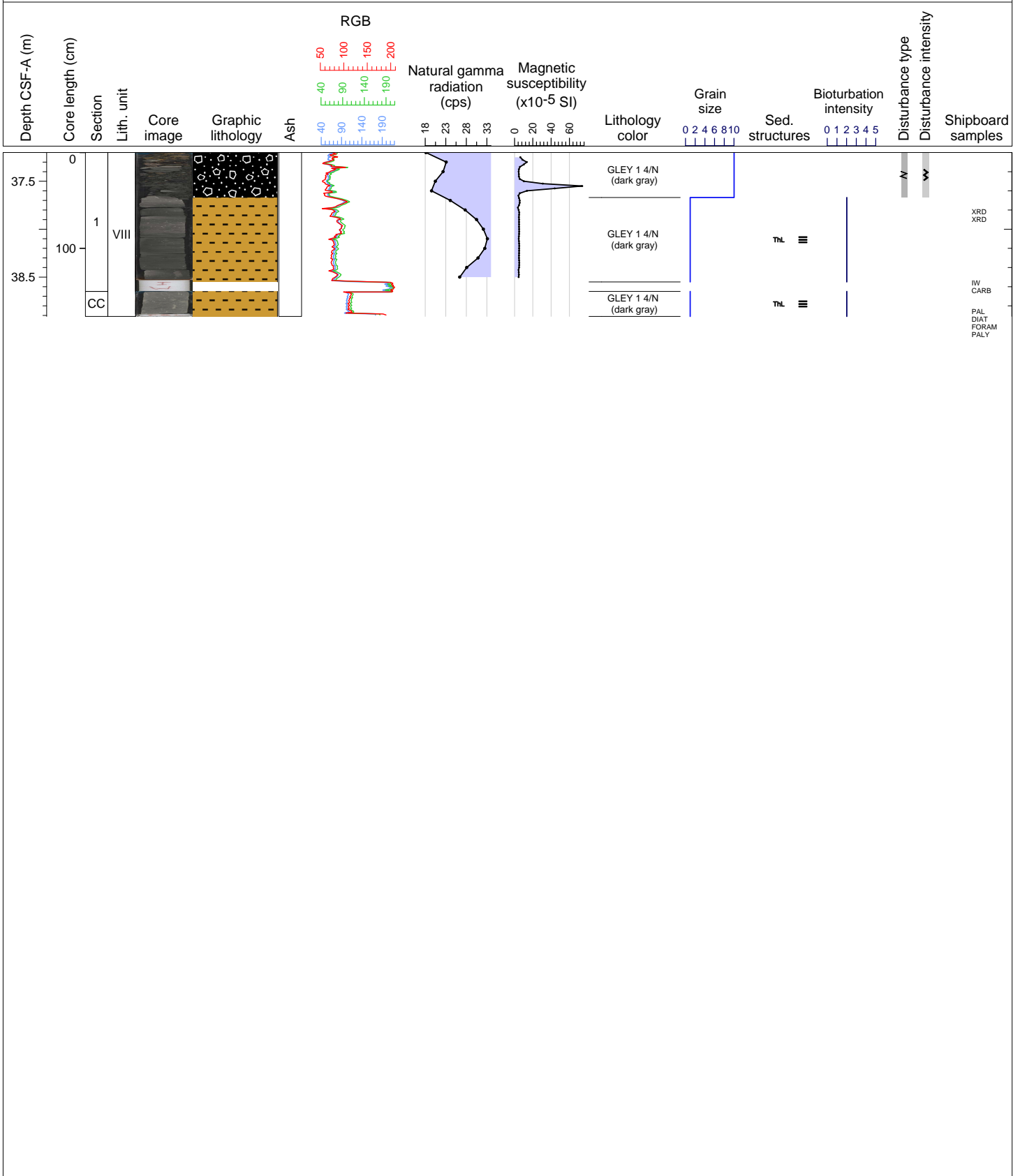
Hole 396-U1570B Core 4R, Interval 27.6-30.14 m (CSF-A)

Core 4 consists of very dark gray (GLEY 1 3/N) CLAYSTONE, locally presenting parallel lamination. The core is moderately to highly fragmented.



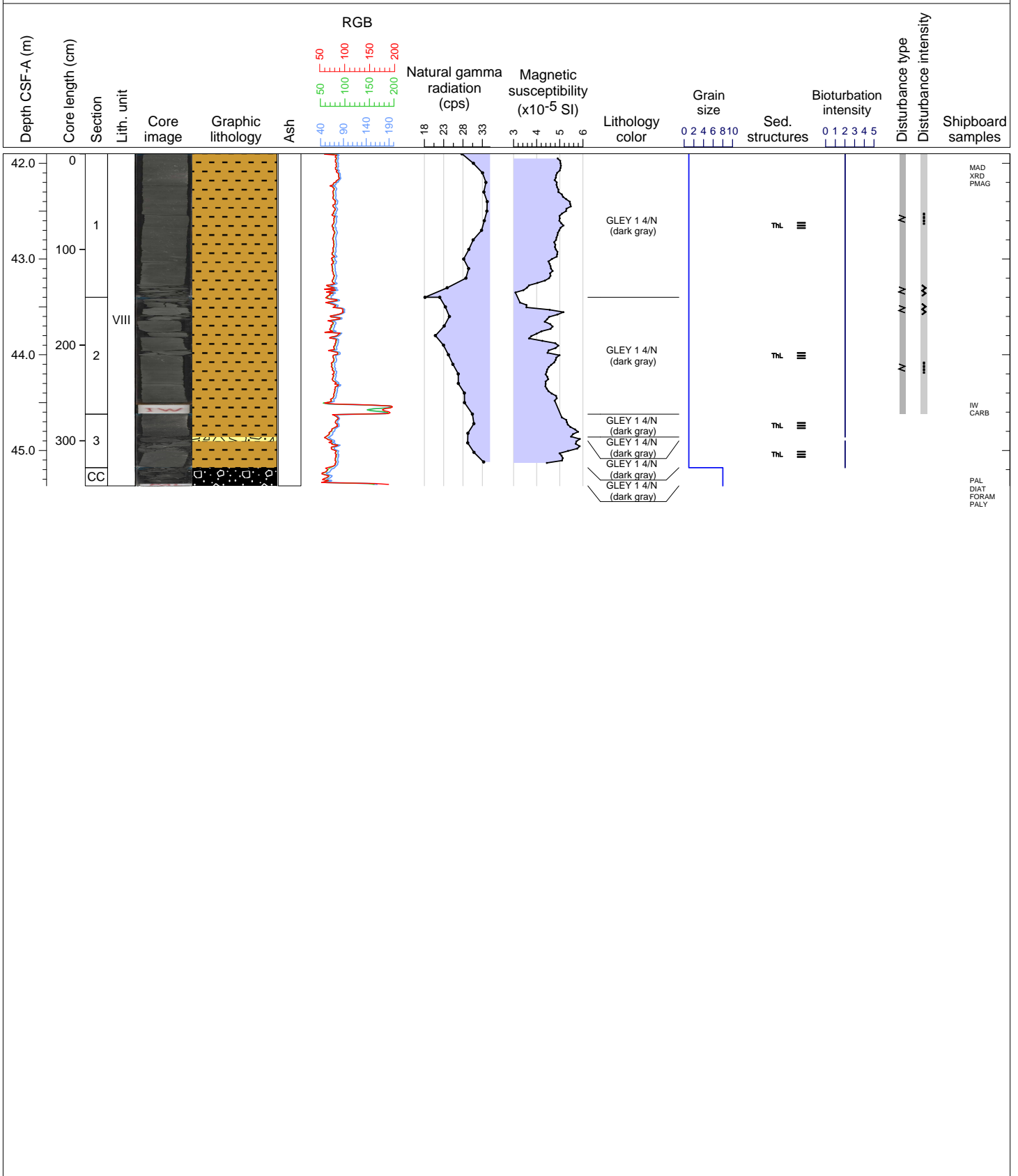
Hole 396-U1570B Core 5R, Interval 37.2-38.91 m (CSF-A)

The top 47 cm of core 5 consists of a highly fragmented section of dark gray (GLEY 1 4/N) GRAVEL with nodules, overlying dark gray (GLEY 1 4/N) CLAYSTONE with thin parallel lamination and moderate bioturbations.



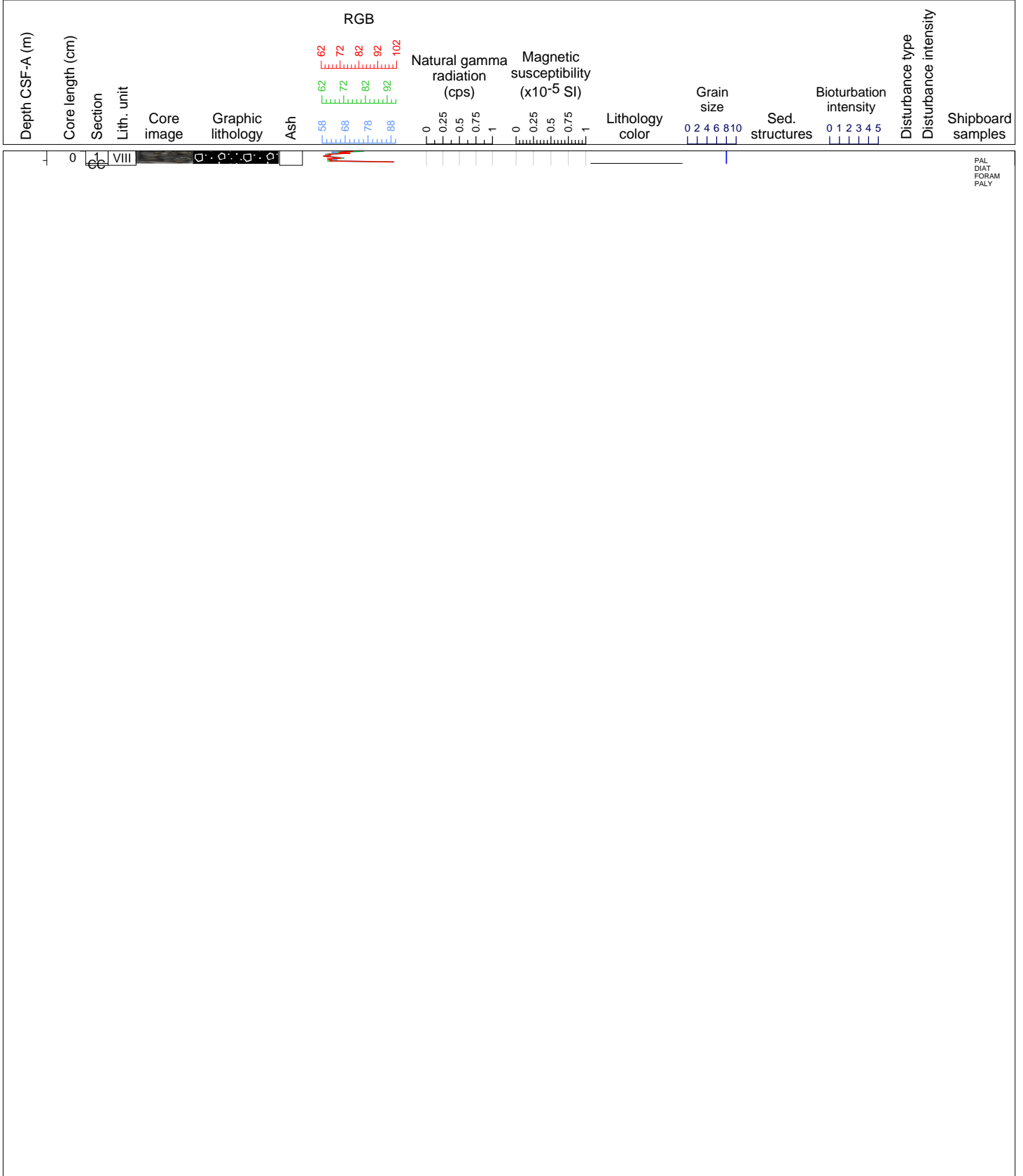
Hole 396-U1570B Core 6R, Interval 41.9-45.37 m (CSF-A)

Core 6 mostly consists of dark gray (GLEY 1 4/N) CLAYSTONE with thin parallel lamination and moderate bioturbations. The base of section 3 is partly brecciated. The core is slightly to highly fragmented.



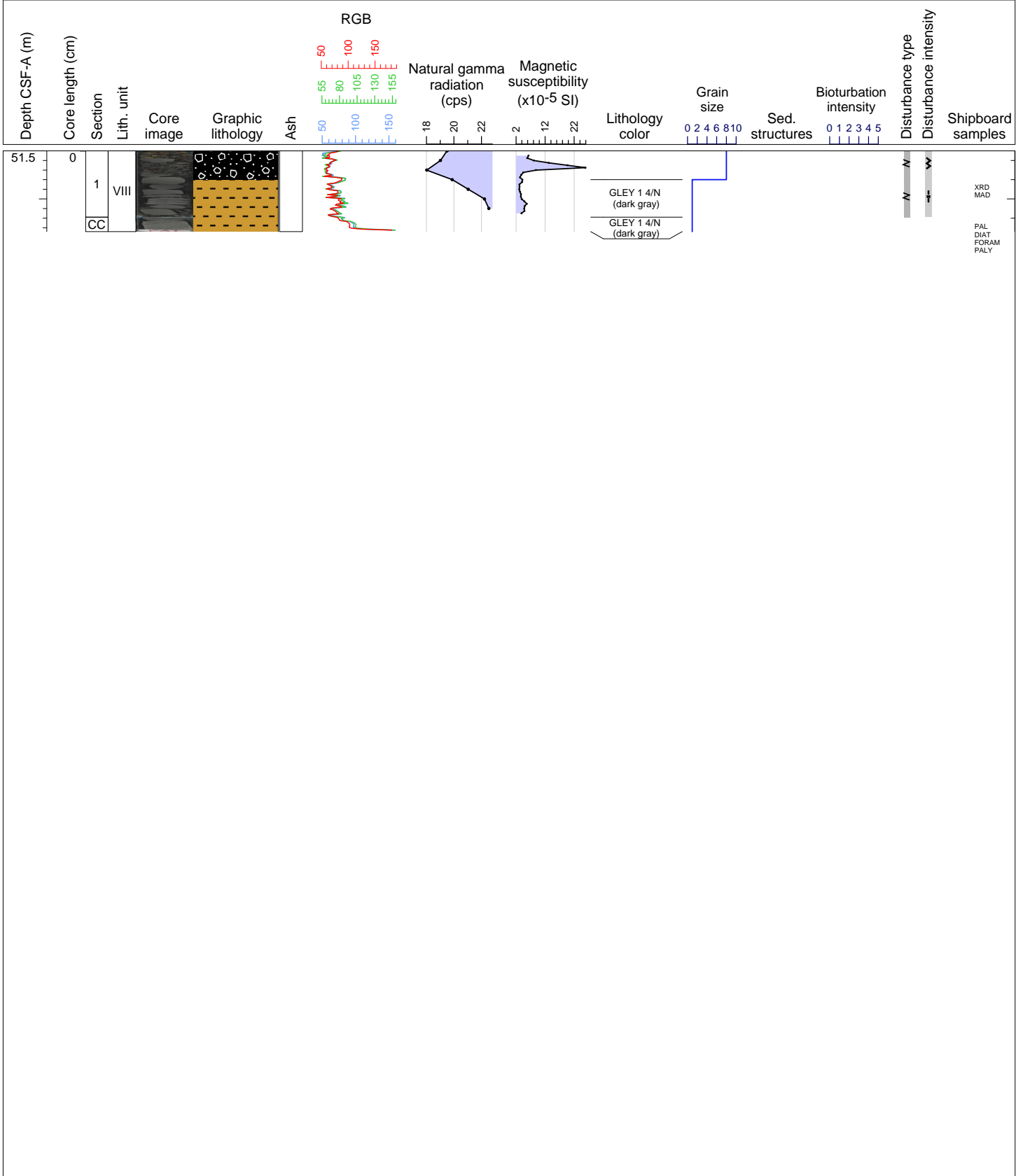
Hole 396-U1570B Core 7R, Interval 46.8-46.95 m (CSF-A)

Recovery on Core 7 is very low and the core consists of 13 cm of GRAVEL.



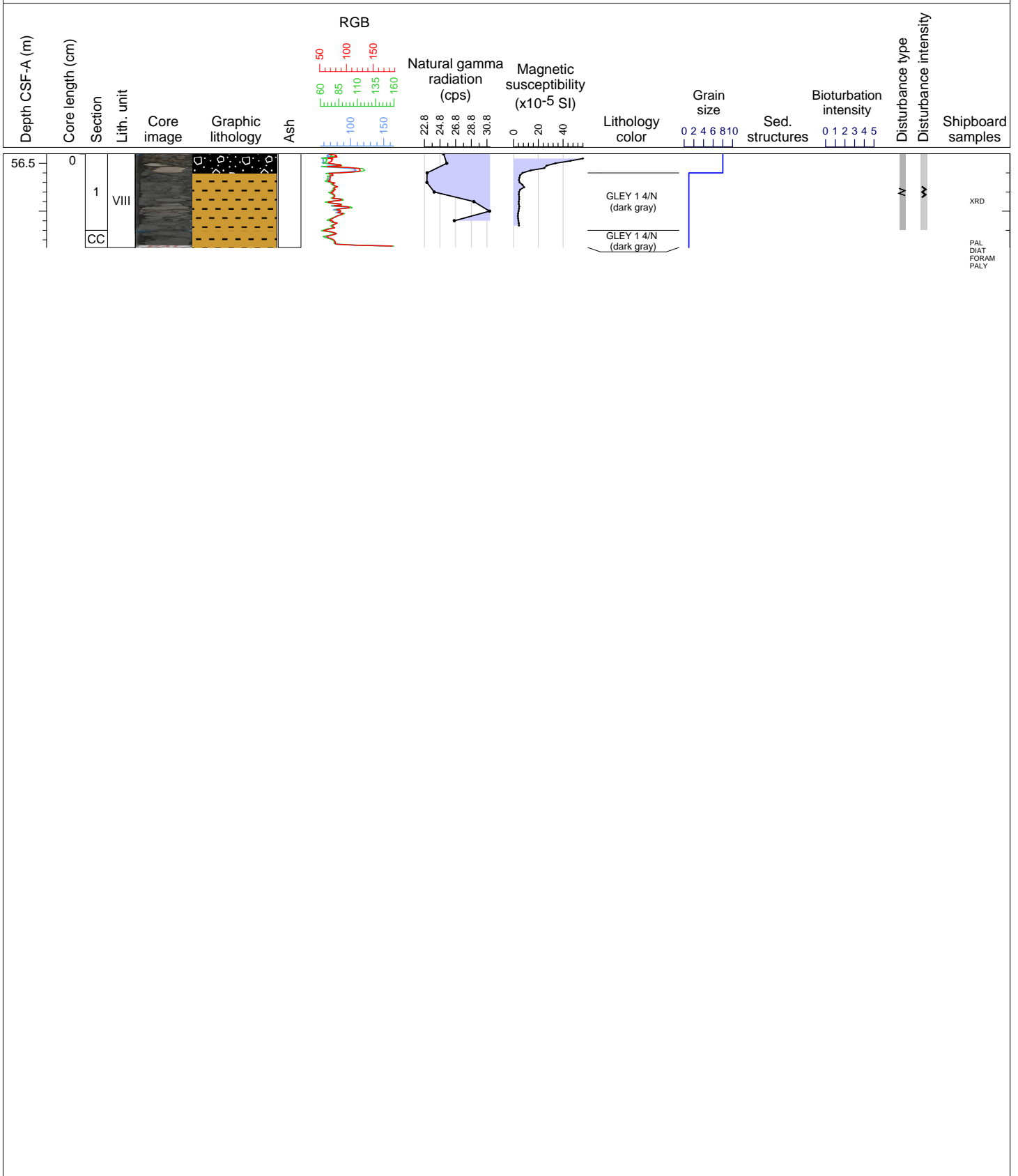
Hole 396-U1570B Core 8R, Interval 51.5-52.34 m (CSF-A)

Core 8 consists of 30 cm of GRAVEL overlying dark gray (GLEY 1 4/N) CLAYSTONE. The core is moderately to highly fragmented.



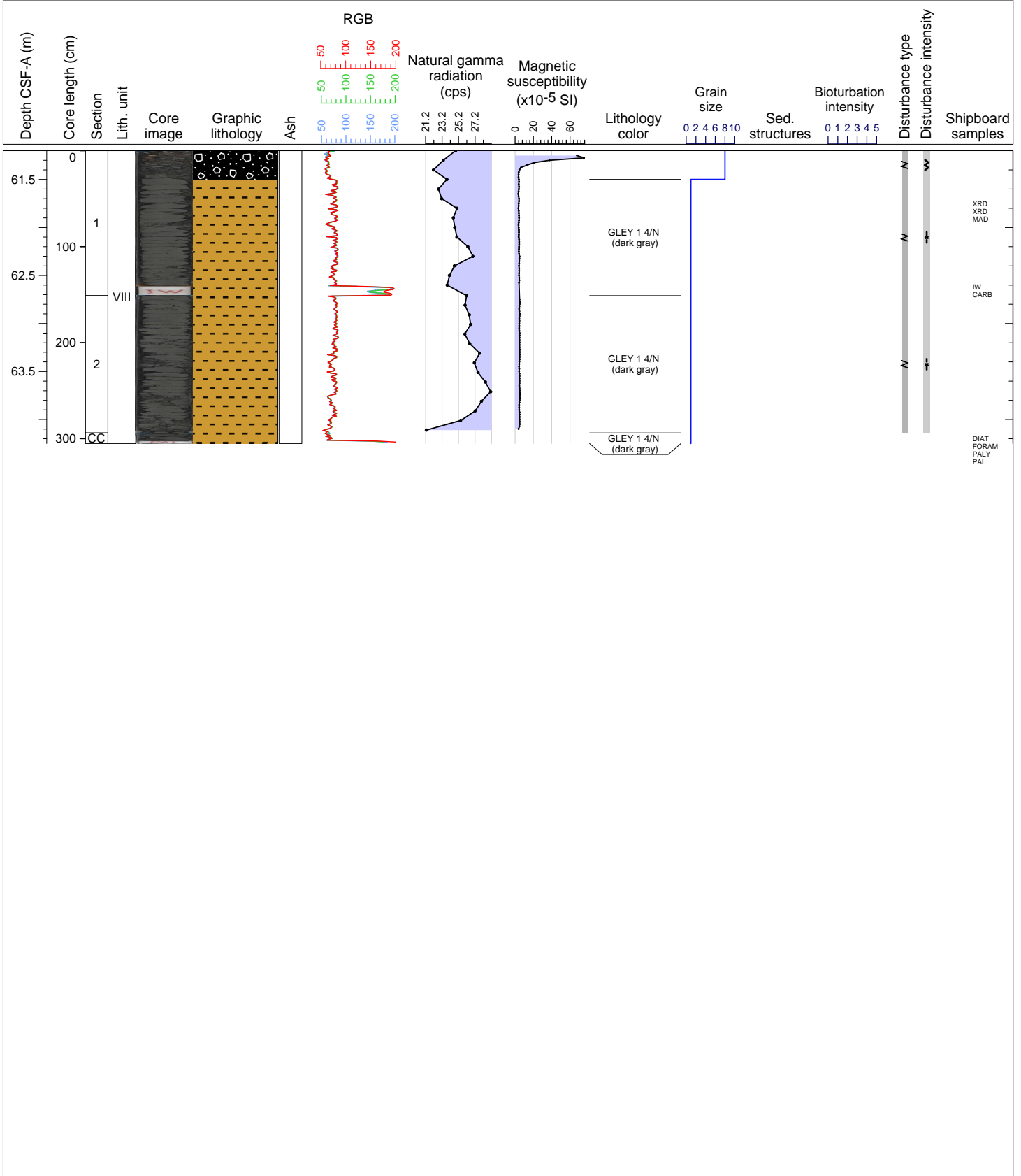
Hole 396-U1570B Core 9R, Interval 56.4-57.38 m (CSF-A)

Core 9 is highly fragmented and consists of 20 cm of GRAVEL overlying dark gray (GLEY 1 4/N) CLAYSTONE and CLAY.



Hole 396-U1570B Core 10R, Interval 61.2-64.25 m (CSF-A)

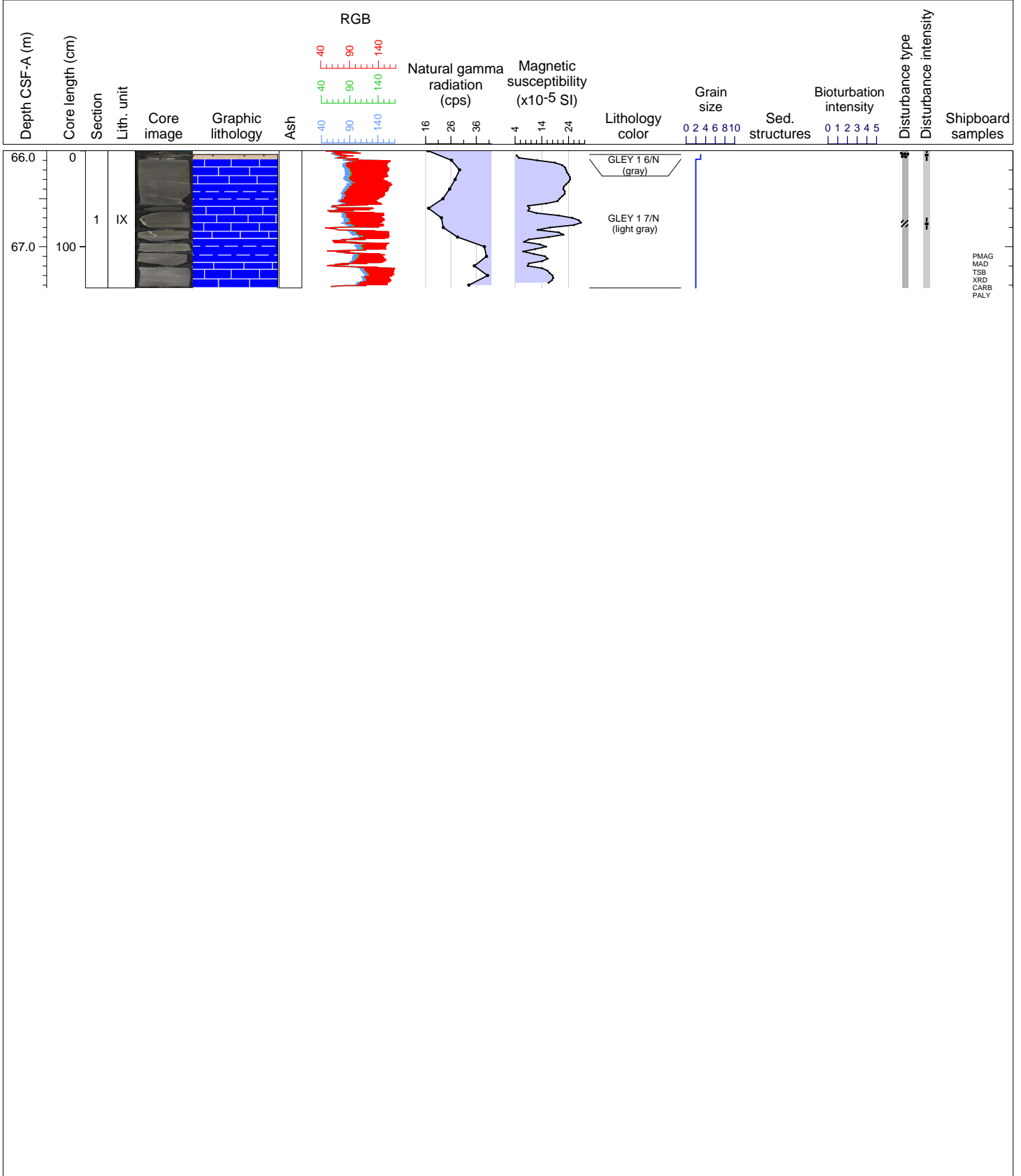
Core 10 is moderately to highly fragmented and consists of 30 cm of GRAVEL overlying dark gray (GLEY 1 4/N) CLAYSTONE.





Hole 396-U1570B Core 11R, Interval 66.0-67.43 m (CSF-A)

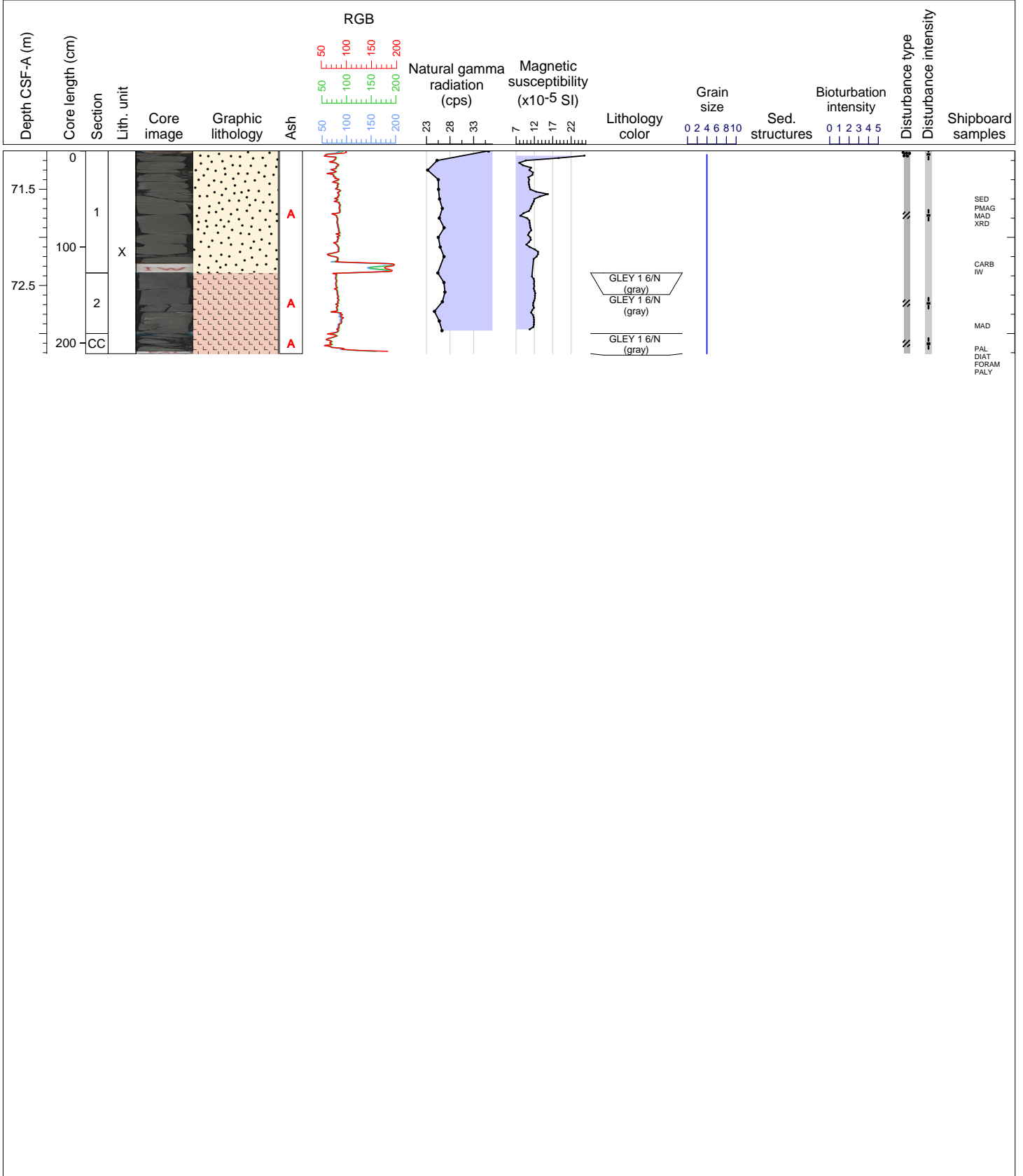
Core 11 consists of gray (GLEY 1 6/N) sand rich SILTSTONE containing siderite nodules, overlying light gray (GLEY 1 7/N) LIMESTONE structures. The core is moderately fractured.



Hole 396-U1570B-11R Section 1, Top of Section: 66.0 m (CSF-A)																					
Depth CSF-A (m)	Core length (cm)	Piece number	Orientation	Shipboard samples	Scanned image	Graphic lithology	Metamorphic lith. unit	Lithology name	Structure	Contact type	Vein texture	Vein morphology	Vein connectivity	Strike	Dip angle	Grain-size	Alteration	Vesicularity	Magnetic susceptibility (x10 <sup>-5</sup> SI)	RGB	Description
66.0		1					VIII	granite								coarse-grained					Coarse grained granite
66.1		2																			
66.2																					
66.3		3	↑																		
66.4																					
66.5																					
66.6		4																			
66.7																					
66.8																					
66.9		6	↑																		
67.0																					
67.1		7	↑																		
67.2		8	↑	PMAG MAD TSB XRD CARB PALY																	
67.3		9	↑																		
67.4																					

Hole 396-U1570B Core 12R, Interval 71.1-73.21 m (CSF-A)

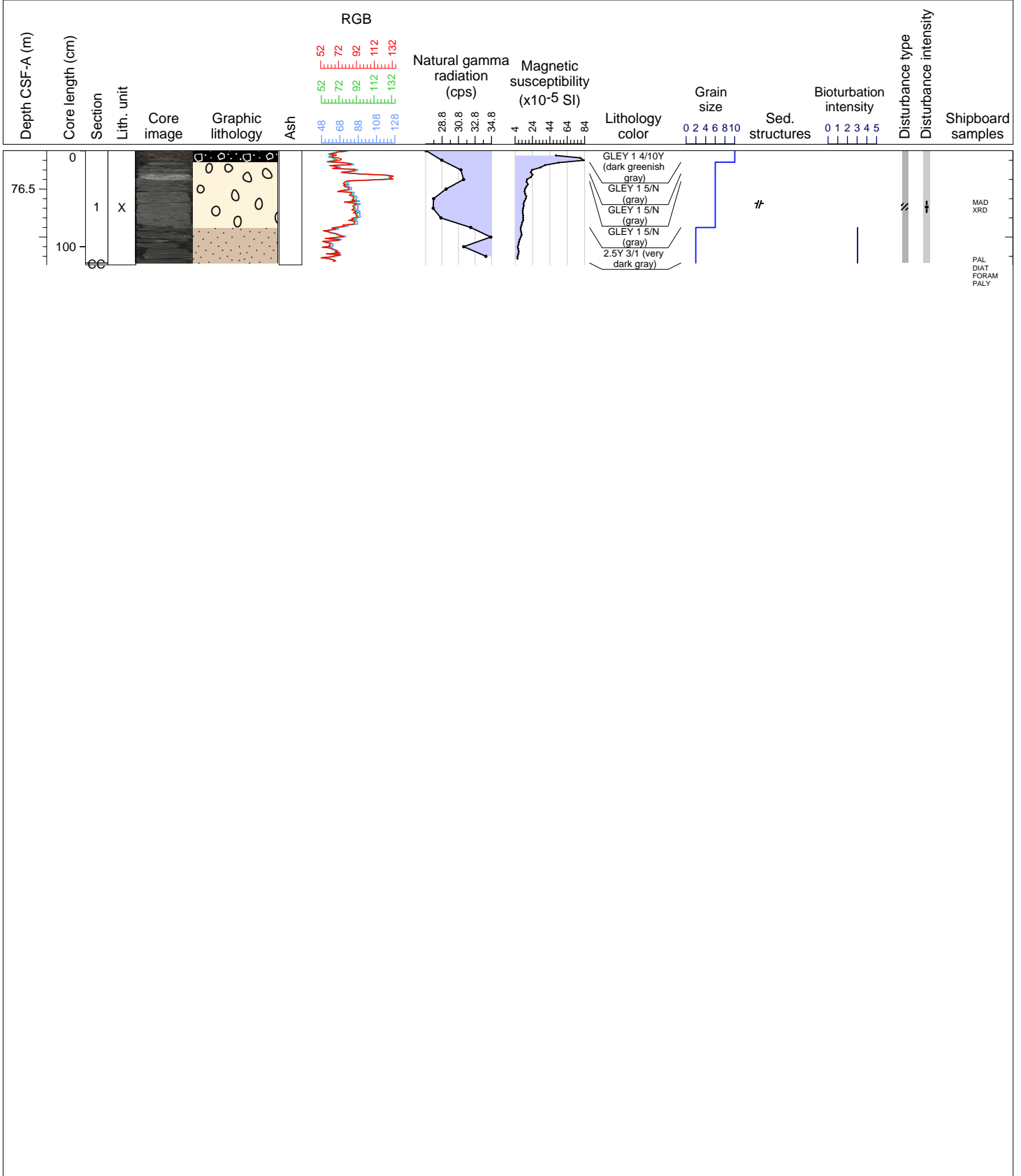
Core 12 consists of gray (GLEY 1 6/N) AS, with a 4cm piece of SANDSTONE on top. Pyrite is observed. The core is moderately fractured.



Hole 396-U1570B-12R Section 1, Top of Section: 71.1 m (CSF-A)																						
Depth CSF-A (m)	Core length (cm)	Piece number	Orientation	Shipboard samples	Scanned image	Graphic lithology	Metamorphic lith. unit	Lithology name	Structure	Contact type	Vein texture	Vein morphology	Vein connectivity	Strike	Dip angle	Grain-size	Alteration	Vesicularity	Magnetic susceptibility (x10 <sup>-5</sup> SI)	RGB	Description	
71.1							X	granite													granite	
71.2																						
71.3																						
71.4																						
71.5																						
71.6				SED																		
71.7				PMAG MAD XRD																		
71.8																						
71.9																						
72.0																						
72.1																						
72.2																						
72.3				CARB IW																		

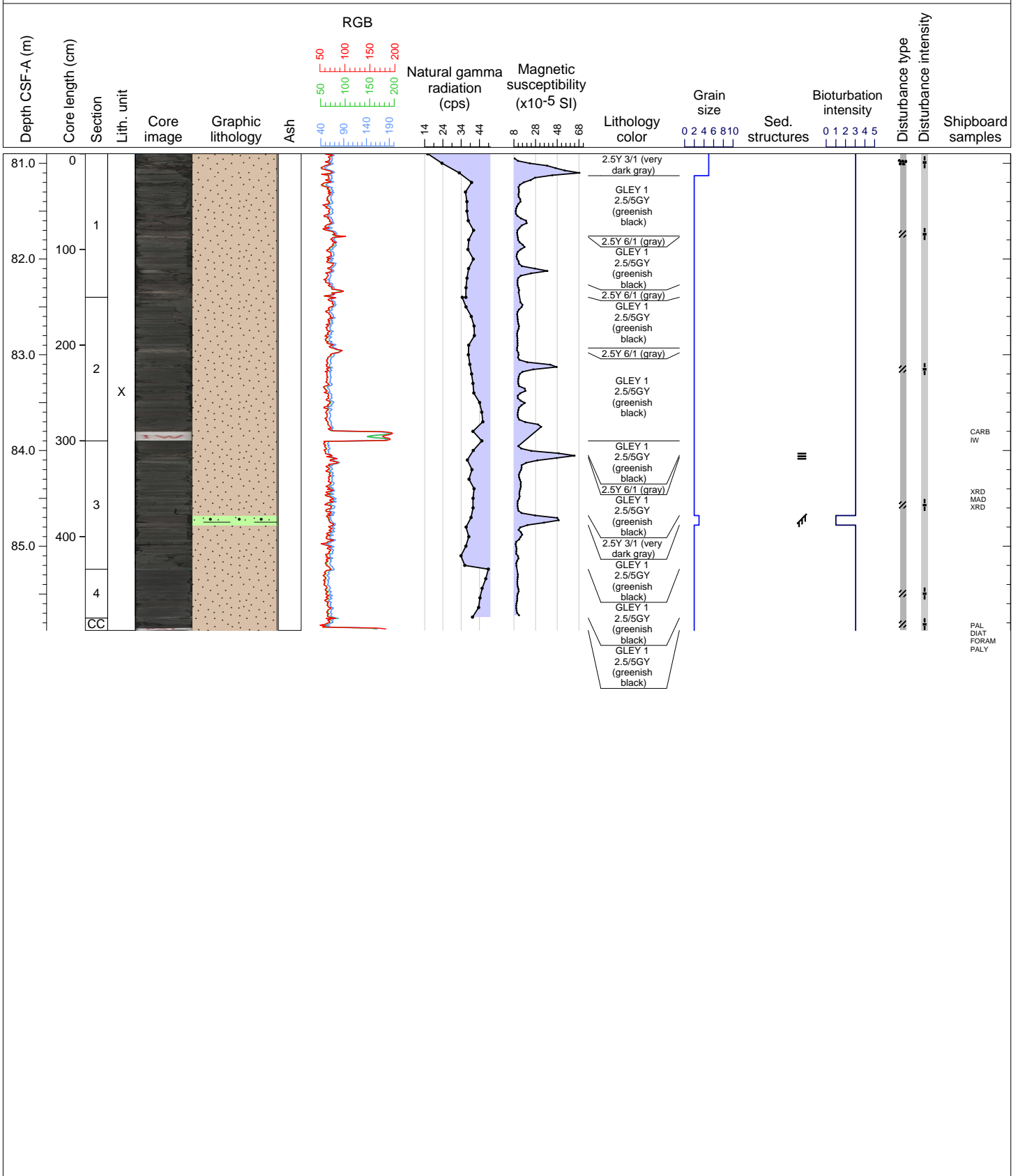
Hole 396-U1570B Core 13R, Interval 76.1-77.29 m (CSF-A)

Core 13 mostly consists of gray (GLEY 1 5/N) CONGLOMERATE. The top 12 cm of the core is composed of dark greenish gray (GLEY 1 4/10Y) GRAVEL also present in the CONGLOMERATE. The base of the core is composed of very dark gray (2.5Y 3/1) SILTSTONE with clay with heavy bioturbation. Pyrite is observed. The core is moderately fragmented.



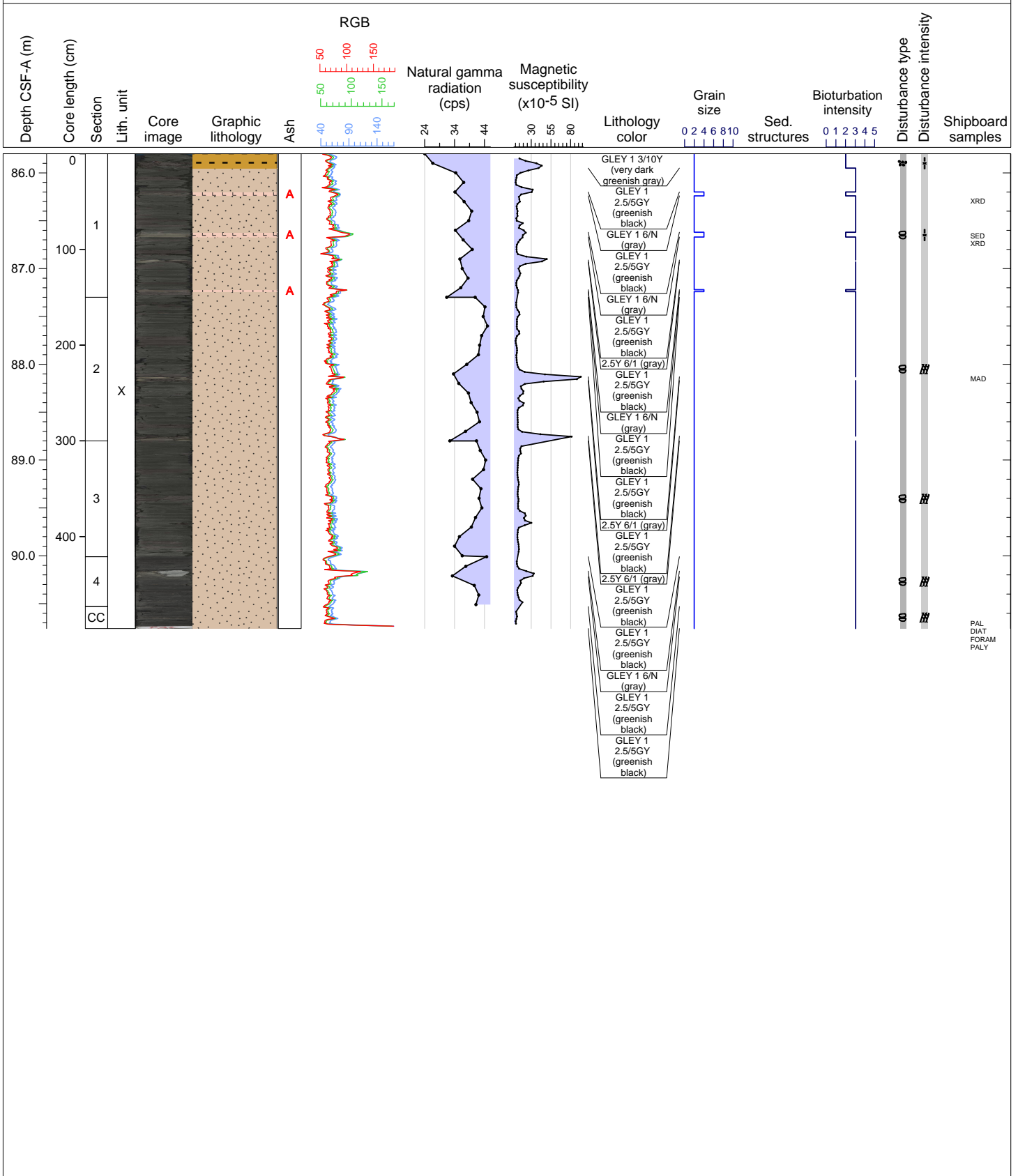
Hole 396-U1570B Core 14R, Interval 80.9-85.88 m (CSF-A)

Core 14 mostly consists of gray (2.5Y 6/1) to greenish gray (GLEY 1 2.5/5GY), heavy bioturbated, SILTSTONE with clay. Pyrite is observed. The core is moderately fragmented.



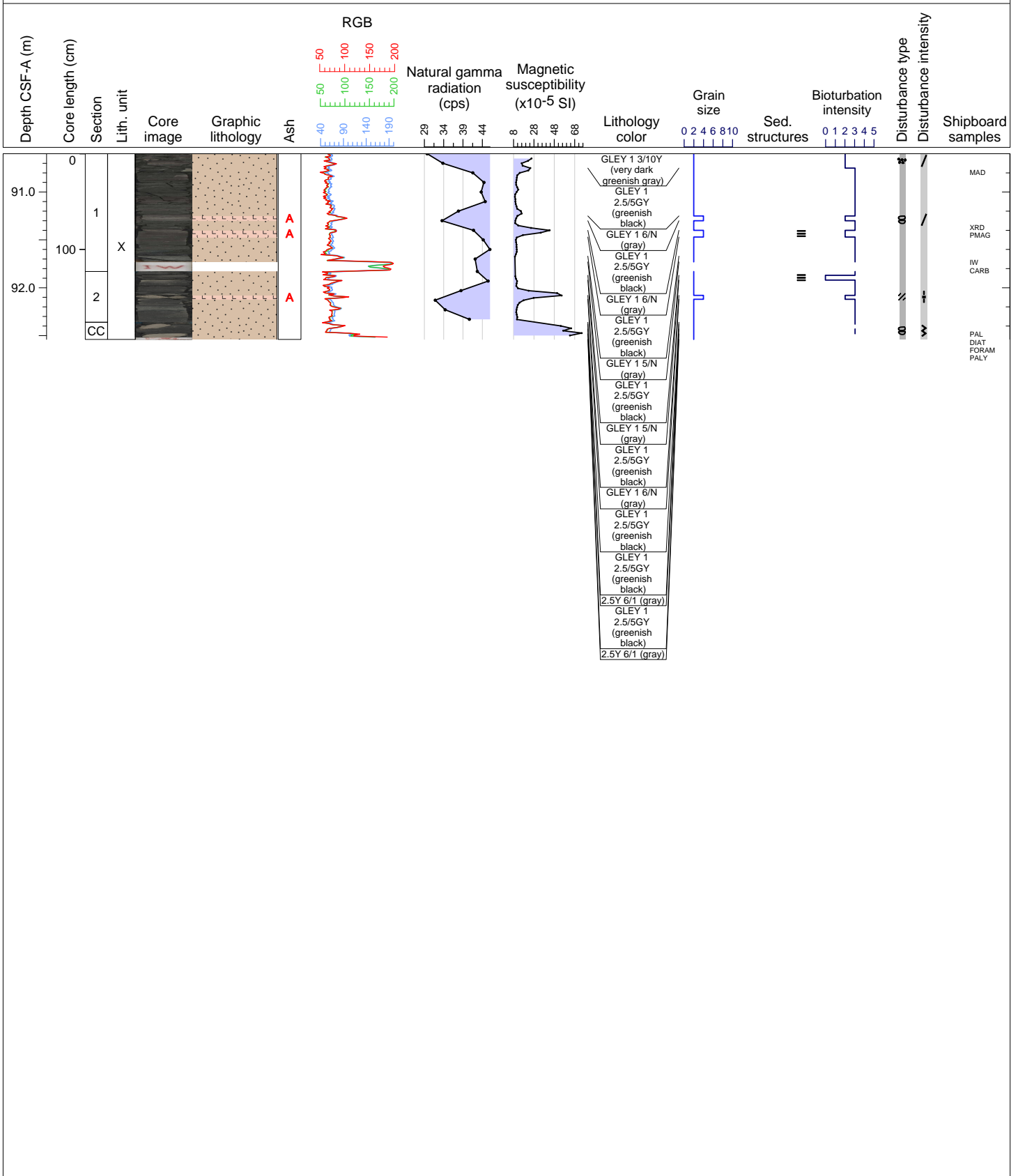
Hole 396-U1570B Core 15R, Interval 85.8-90.76 m (CSF-A)

Core 15 mostly consists of greenish black (GLEY 1 2.5/5GY) to gray (GLEY 1 6/N), heavy bioturbated, SILTSTONE with clay and locally carbonate. The core contains also three layers of gray (GLEY 1 6/N) ASH. Pyrite is observed. The core is moderately to highly biscuited.



Hole 396-U1570B Core 16R, Interval 90.6-92.54 m (CSF-A)

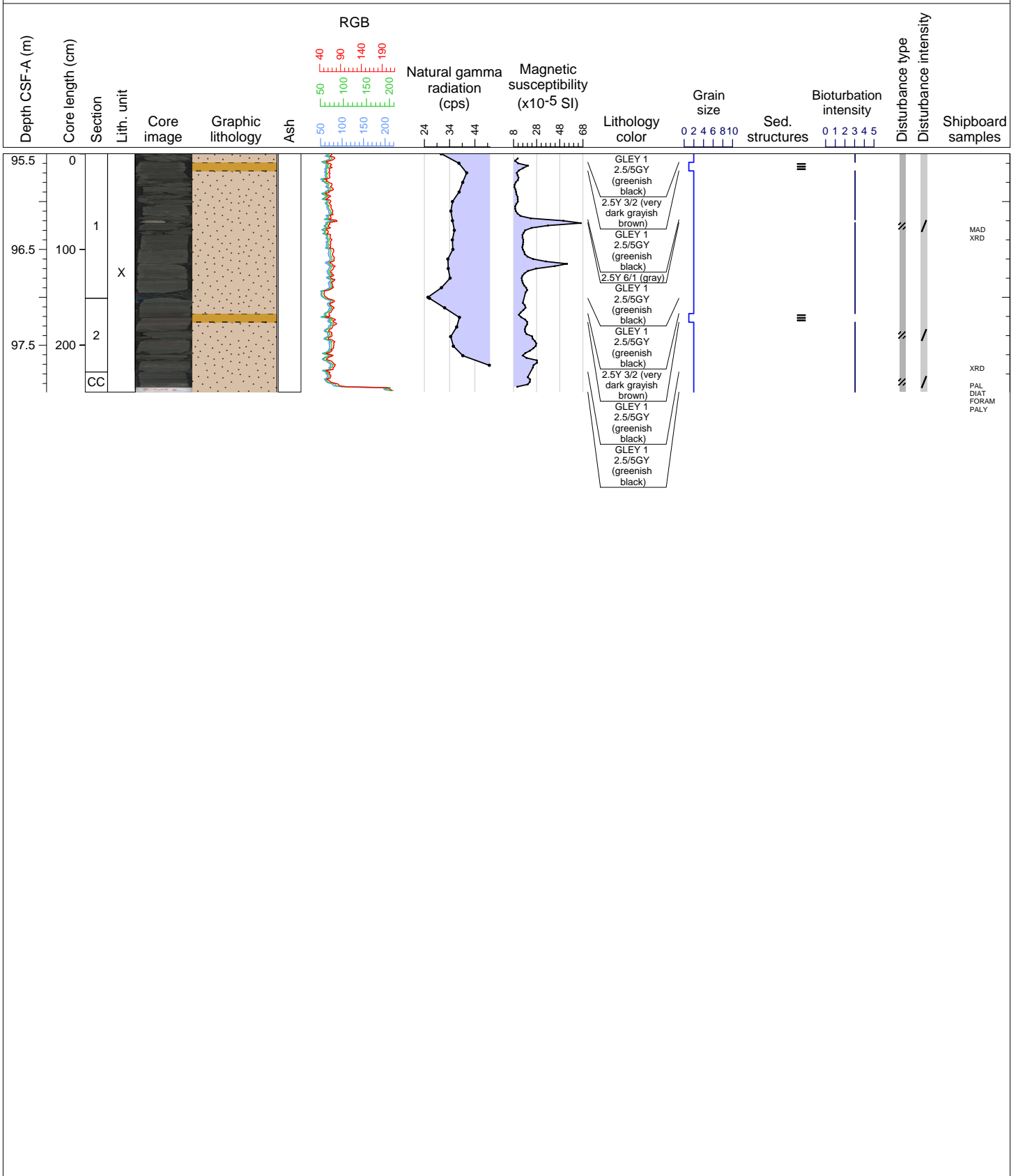
Core 16 mostly consists of greenish black (GLEY 1 2.5/5GY) to gray (GLEY 1 6/N), heavy bioturbated, SILTSTONE with clay and locally carbonate. The core contains also three layers of gray (GLEY 1 6/N) ASH. Pyrite is observed. The core is moderately fractured to biscuited.





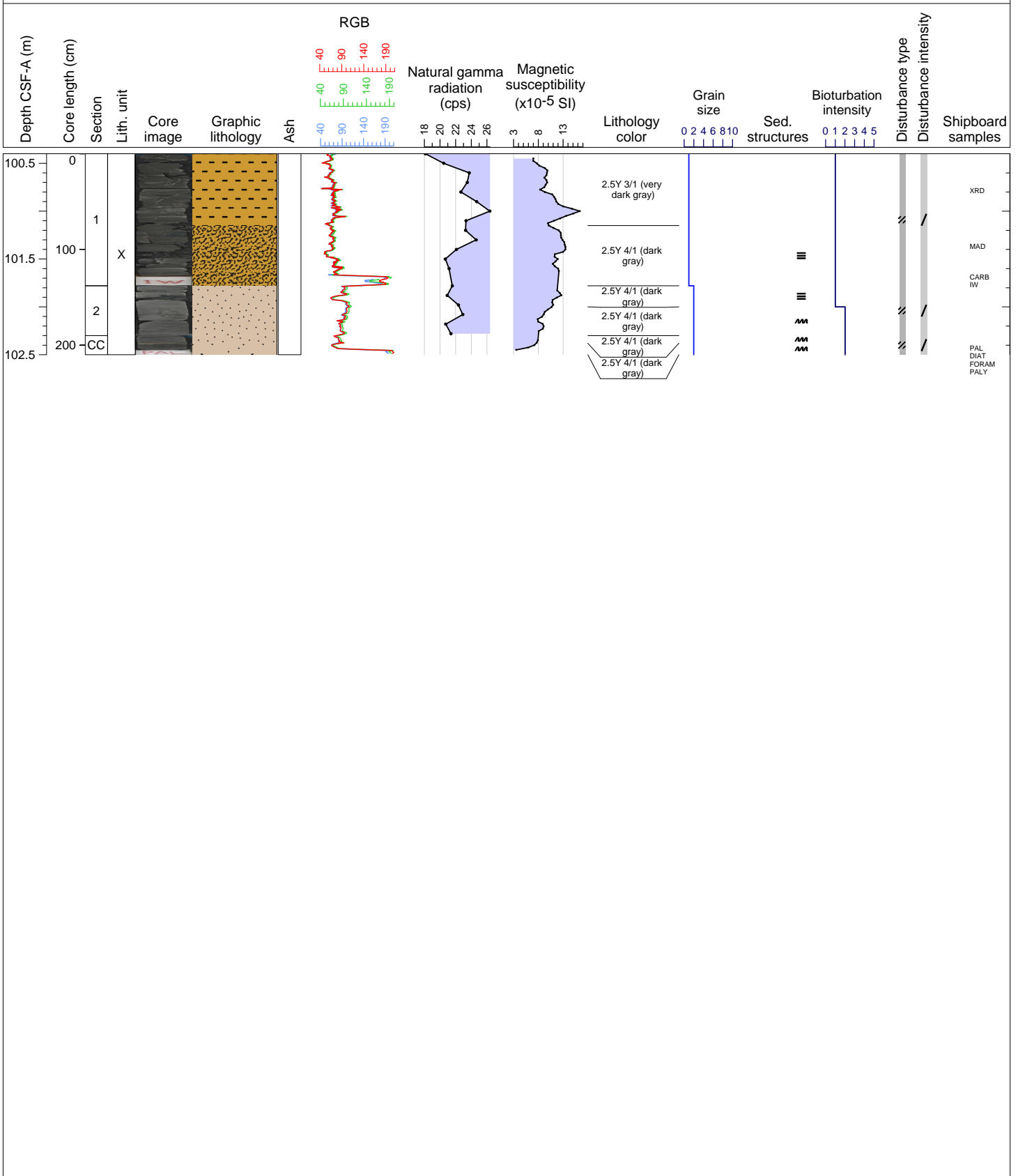
Hole 396-U1570B Core 17R, Interval 95.5-97.99 m (CSF-A)

Core 17 consists of greenish black (GLEY 1 2.5/5GY), heavy bioturbated, SILTSTONE with clay and very dark greenish brown (2.5Y 3/2) CLAYSTONE with parallel laminations. Pyrite is observed. The core is slightly to moderately fractured.



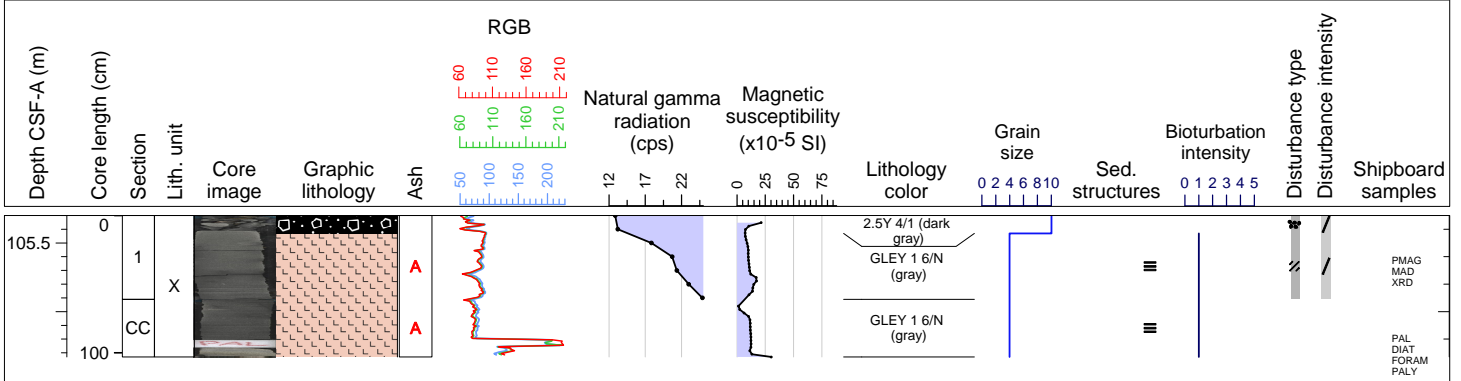
Hole 396-U1570B Core 18R, Interval 100.4-102.5 m (CSF-A)

Core 18 progressively changes from very dark gray (2.5Y 3/1) CLAYSTONE with silt showing parallel laminations and slight bioturbations and with pyrite, to dark gray (2.5Y 4/1) SILTSTONE with clay with convolute laminations and moderate bioturbations without pyrite. The core is slightly to moderately fractured.



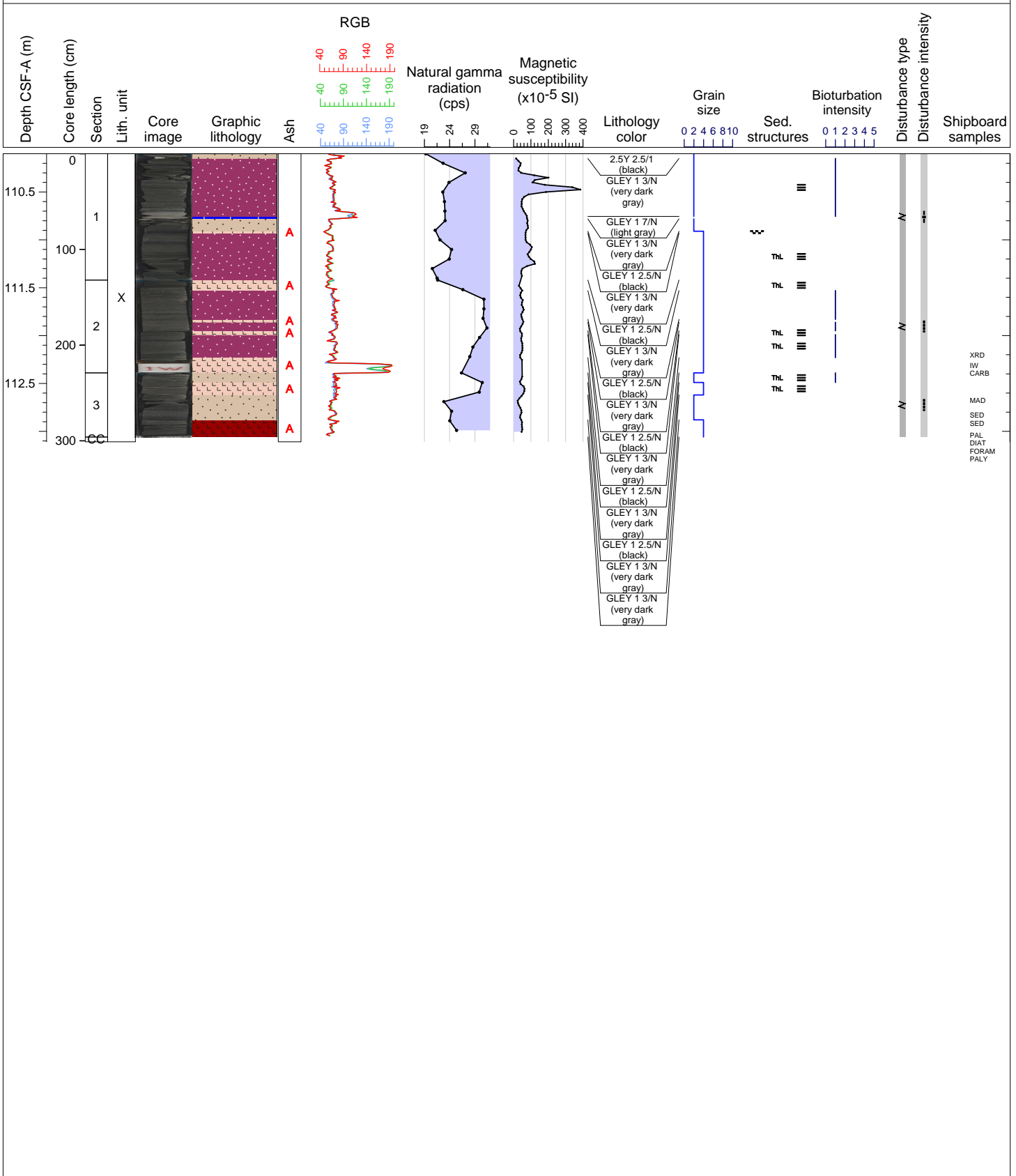
Hole 396-U1570B Core 19R, Interval 105.3-106.33 m (CSF-A)

Core 19 mostly consists of gray (GLEY 1 6/N) ASH with parallel lamination and slight bioturbations.



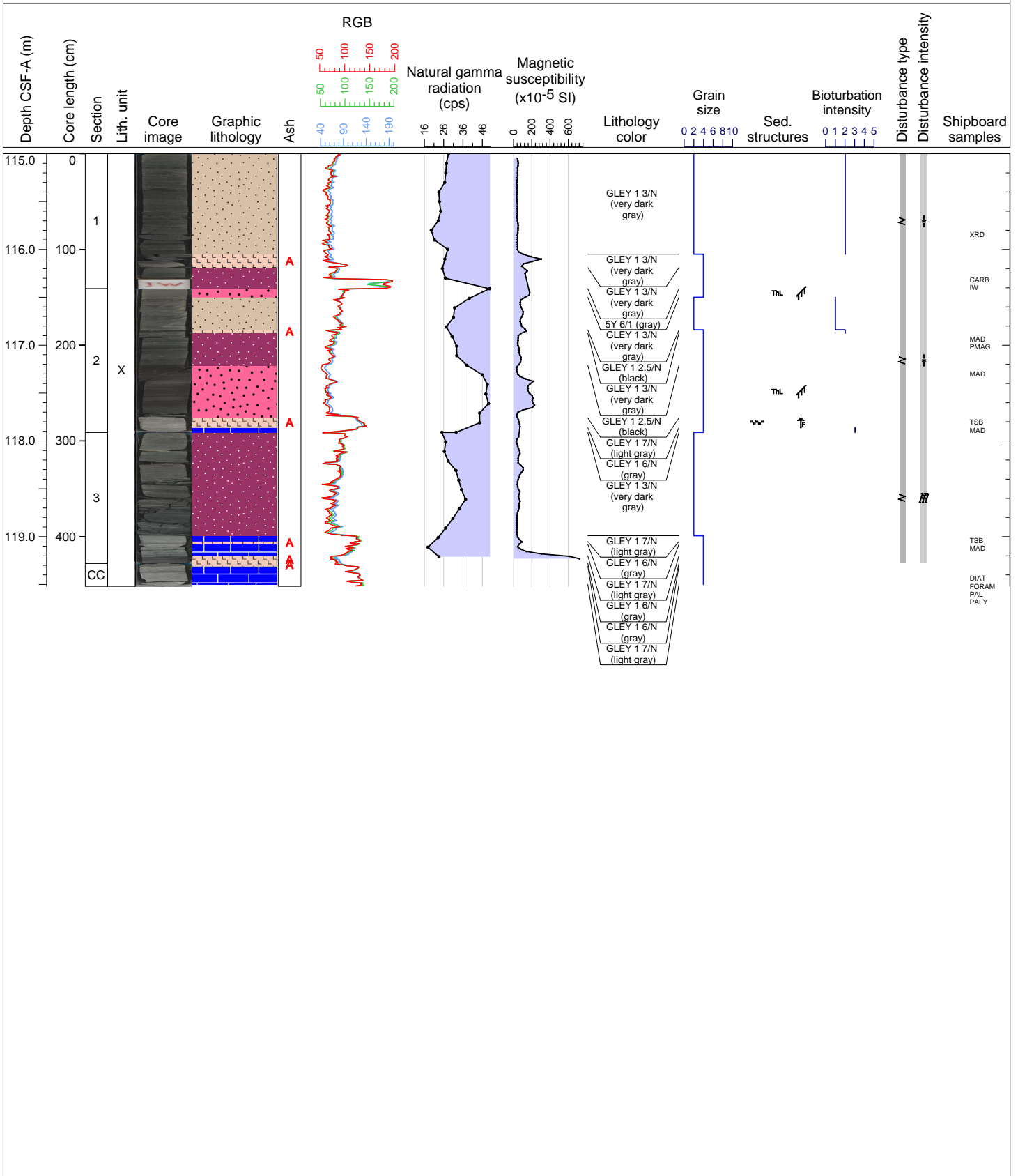
Hole 396-U1570B Core 20R, Interval 110.1-113.11 m (CSF-A)

Core 20 mostly consists of an alternation of very dark gray (GLEY 1 3/N) SILTSTONE with various amounts of ash and clay and parallel laminations, and black (GLEY 1 2.5/N) ASH. In section 1, a 2.5cm piece of light gray (GLEY 1 7/N) LIMESTONE is observed. The core is slightly fragmented.



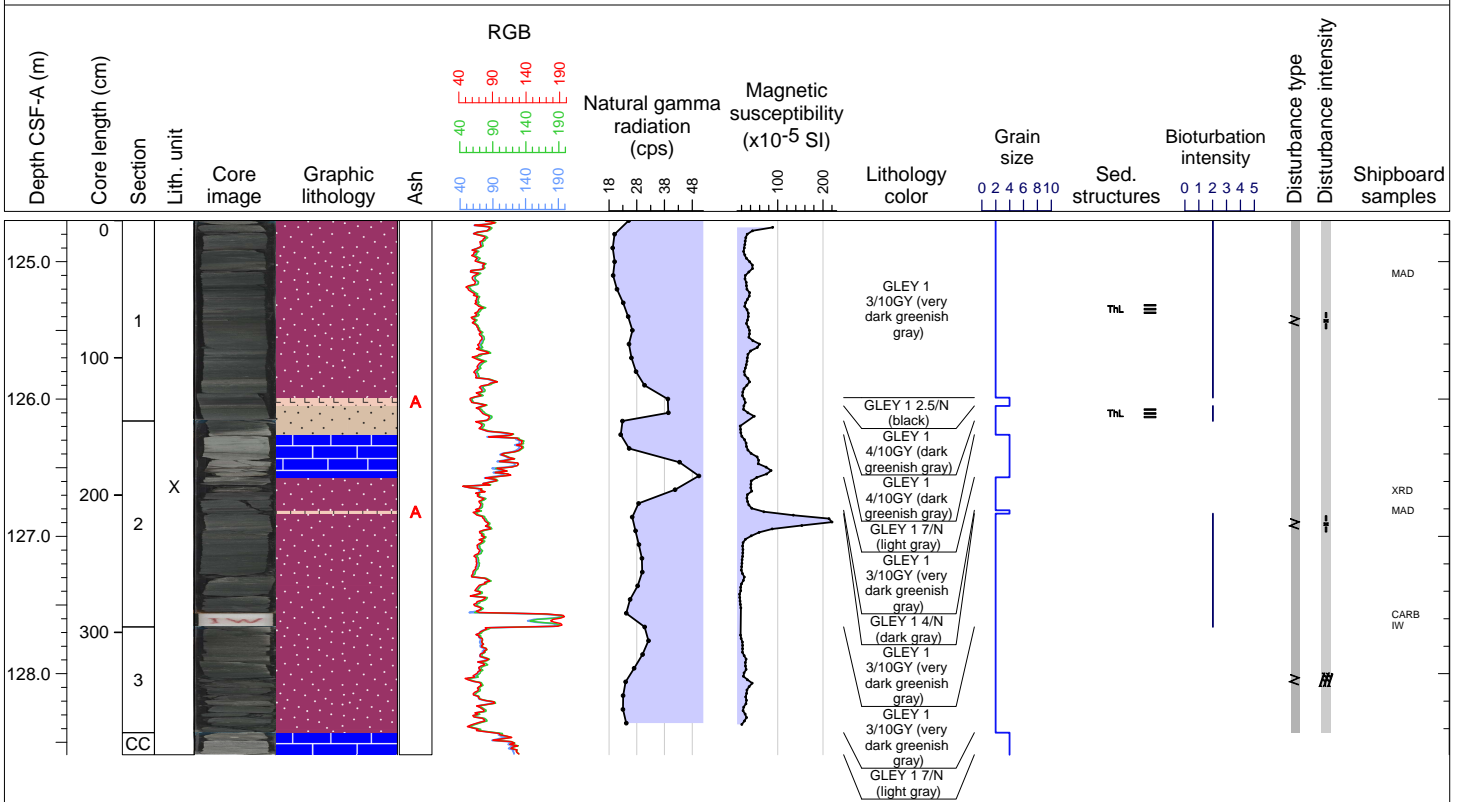
Hole 396-U1570B Core 21R, Interval 115.0-119.52 m (CSF-A)

Core 21 mostly consists of very dark gray (GLEY 1 3/N) SILTSTONE with various amounts of ash and clay, black (GLEY 1 2.5/N) ASH and ash rich SANDSTONE with cross laminations, and light gray (GLEY 1 6/N) LIMESTONE. The core is moderately fragmented.



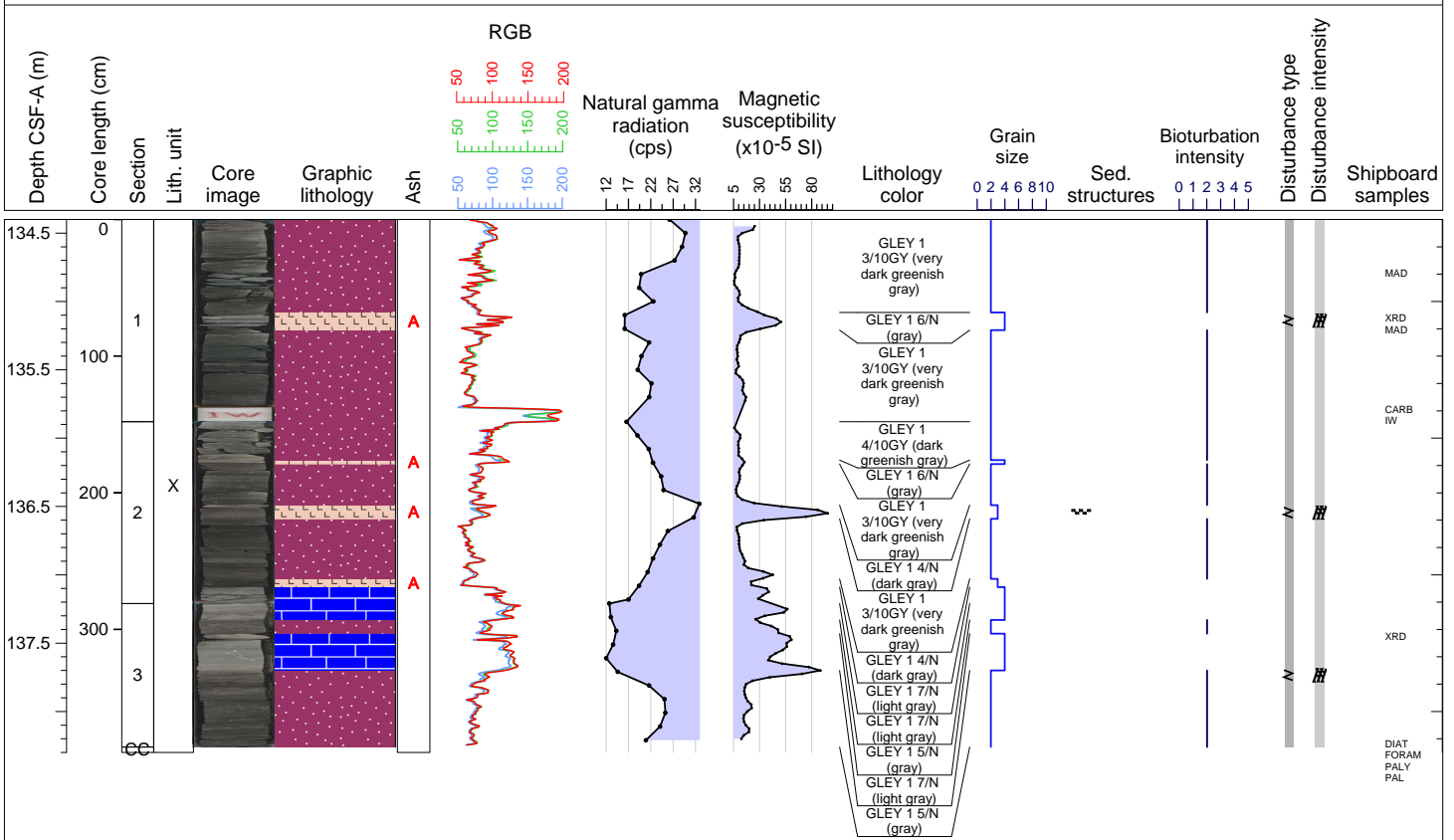
Hole 396-U1570B Core 22R, Interval 124.7-128.59 m (CSF-A)

Core 22 mostly consists of dark greenish gray (GLEY 1 4/10GY) SILTSTONE with various amounts of ash and moderate bioturbations, black (GLEY 1 2.5/N) ASH, and light gray (GLEY 1 6/N) LIMESTONE with ash. The core is moderately fragmented.



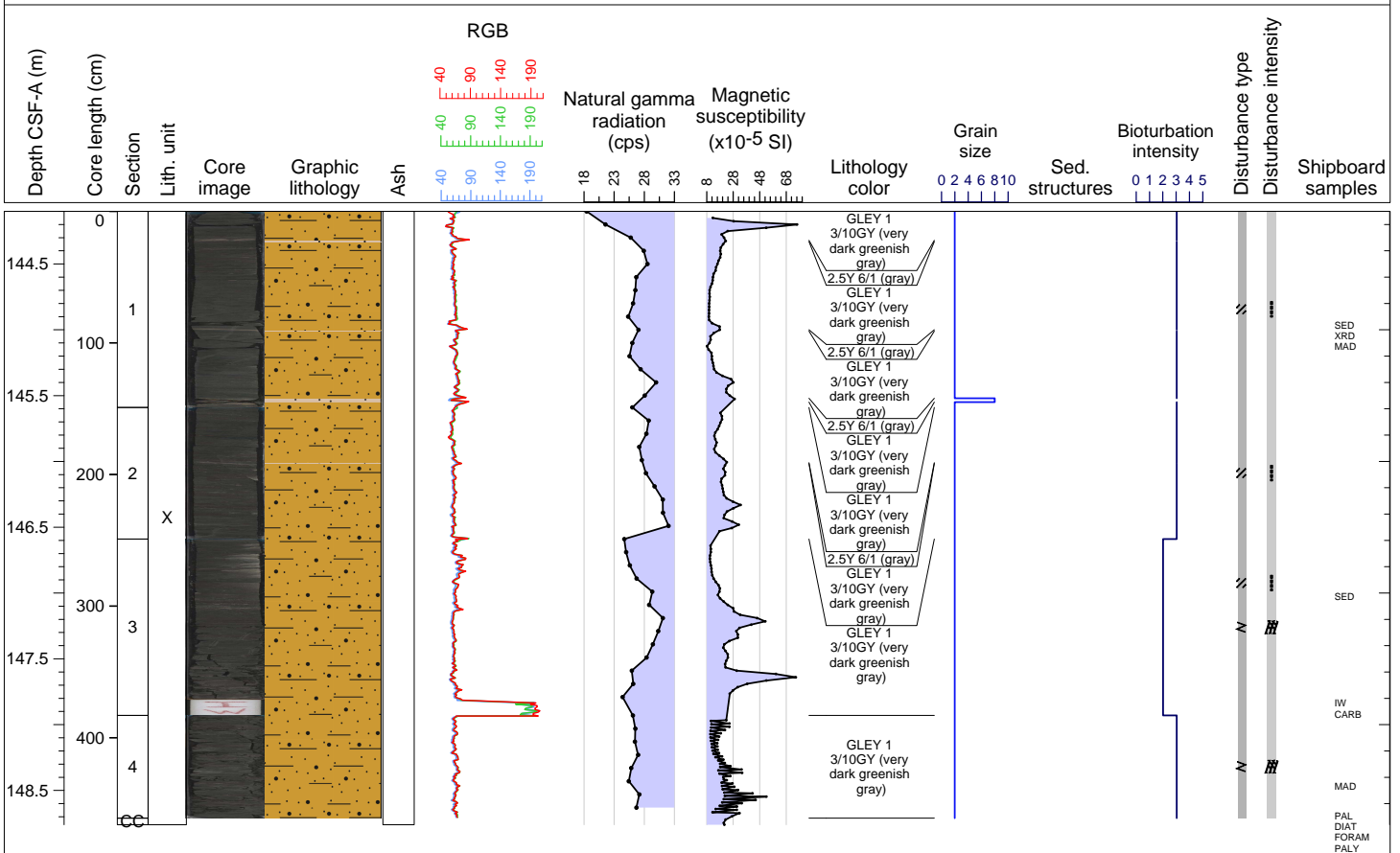
Hole 396-U1570B Core 23R, Interval 134.4-138.3 m (CSF-A)

Core 23 consists of very dark greenish gray (GLEY 1 3/10GY) ash rich SILTSTONE with moderate bioturbations, gray (GLEY 1 6/N) ASH, and light gray (GLEY 1 6/N) LIMESTONE with ash. The core is moderately to highly fragmented.



Hole 396-U1570B Core 24R, Interval 144.1-148.76 m (CSF-A)

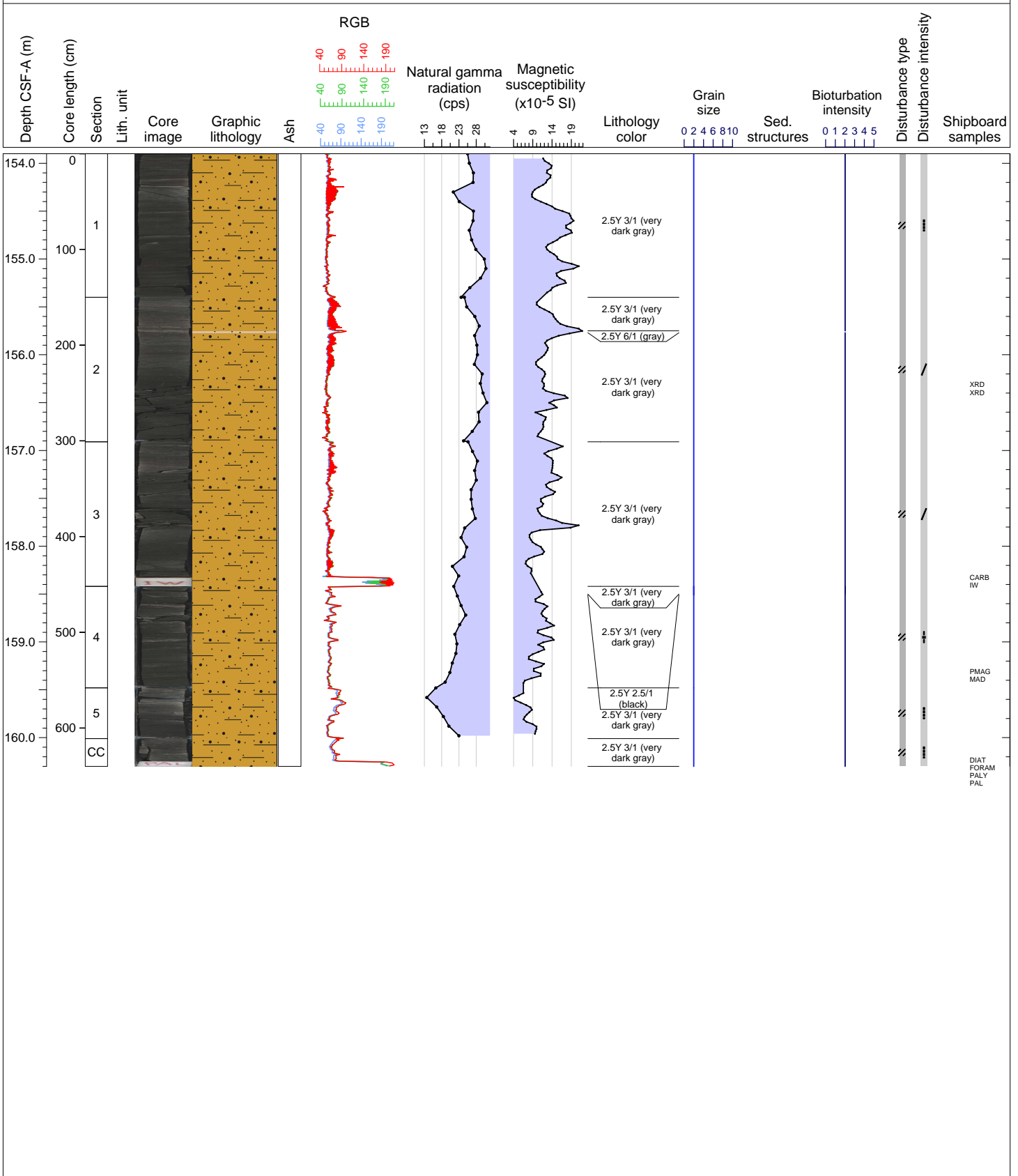
Core 24 consists of an alternation of very dark greenish gray (GLEY 1 3/10GY) clay rich SILTSTONE with heavy bioturbations and gray (2.5Y 6/1) SILTSTONE. Pyrite is observed in one of the clay rich SILTSTONE layer in section 1. The core changes from slightly to highly fractured downhole.





Hole 396-U1570B Core 25R, Interval 153.9-160.3 m (CSF-A)

Core 25 mostly consists of very dark gray (2.5Y 3/1) clay rich SILTSTONE with moderate bioturbation. It also contains one gray (2.5Y 6/1) and one black (2.5Y 2.5/1) layer of SILTSTONE. The core is slightly to moderately fractured.



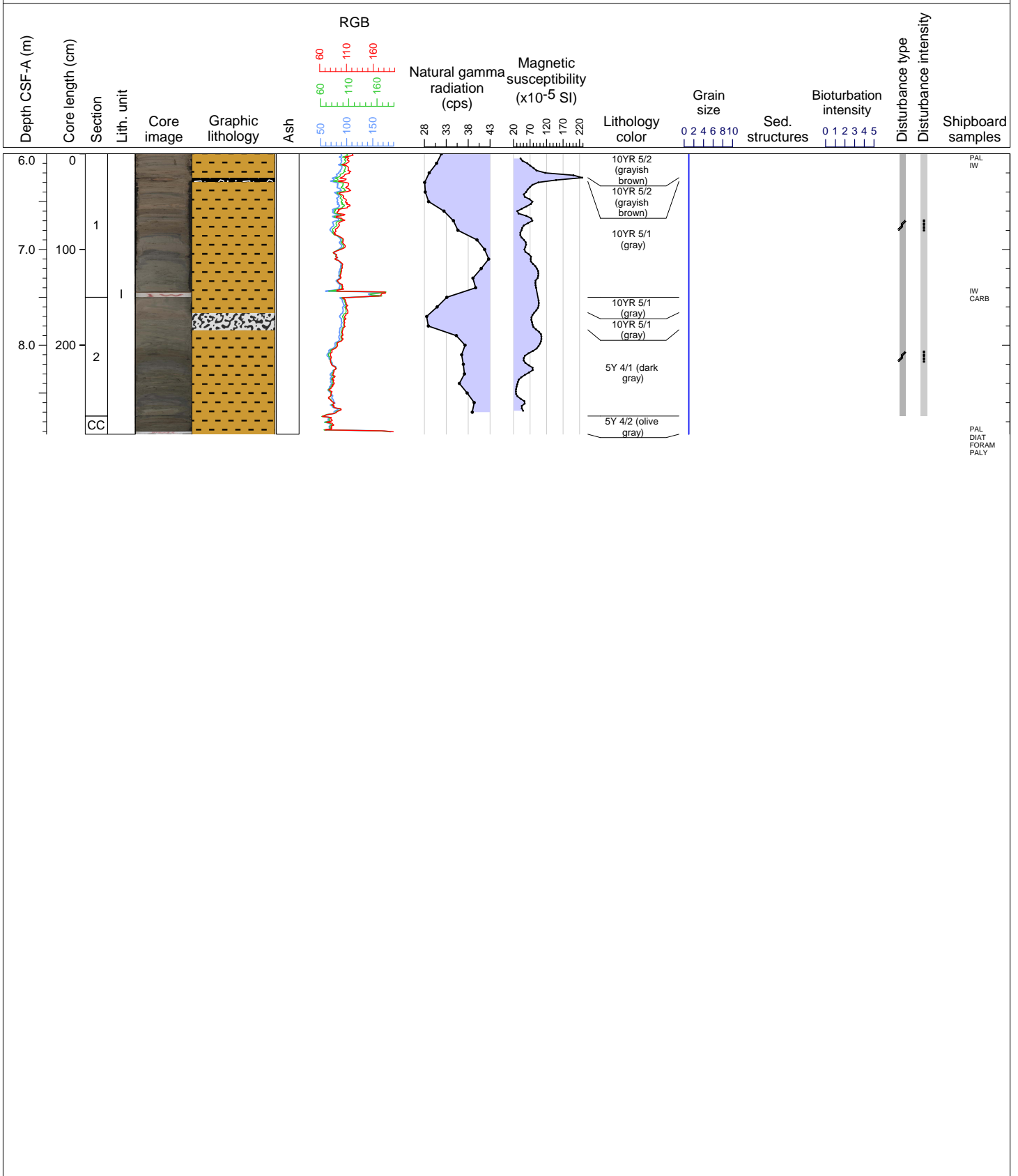
Hole 396-U1570C Core 1R, Interval 0.0-6.0 m (CSF-A)

NO RECOVERY

Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Core image	Graphic lithology	RGB		Natural gamma radiation (cps)	Magnetic susceptibility ( $\times 10^{-5}$ SI)	Lithology color	Grain size	Sed. structures	Bioturbation intensity	Disturbance type	Disturbance intensity	Shipboard samples
						Ash										

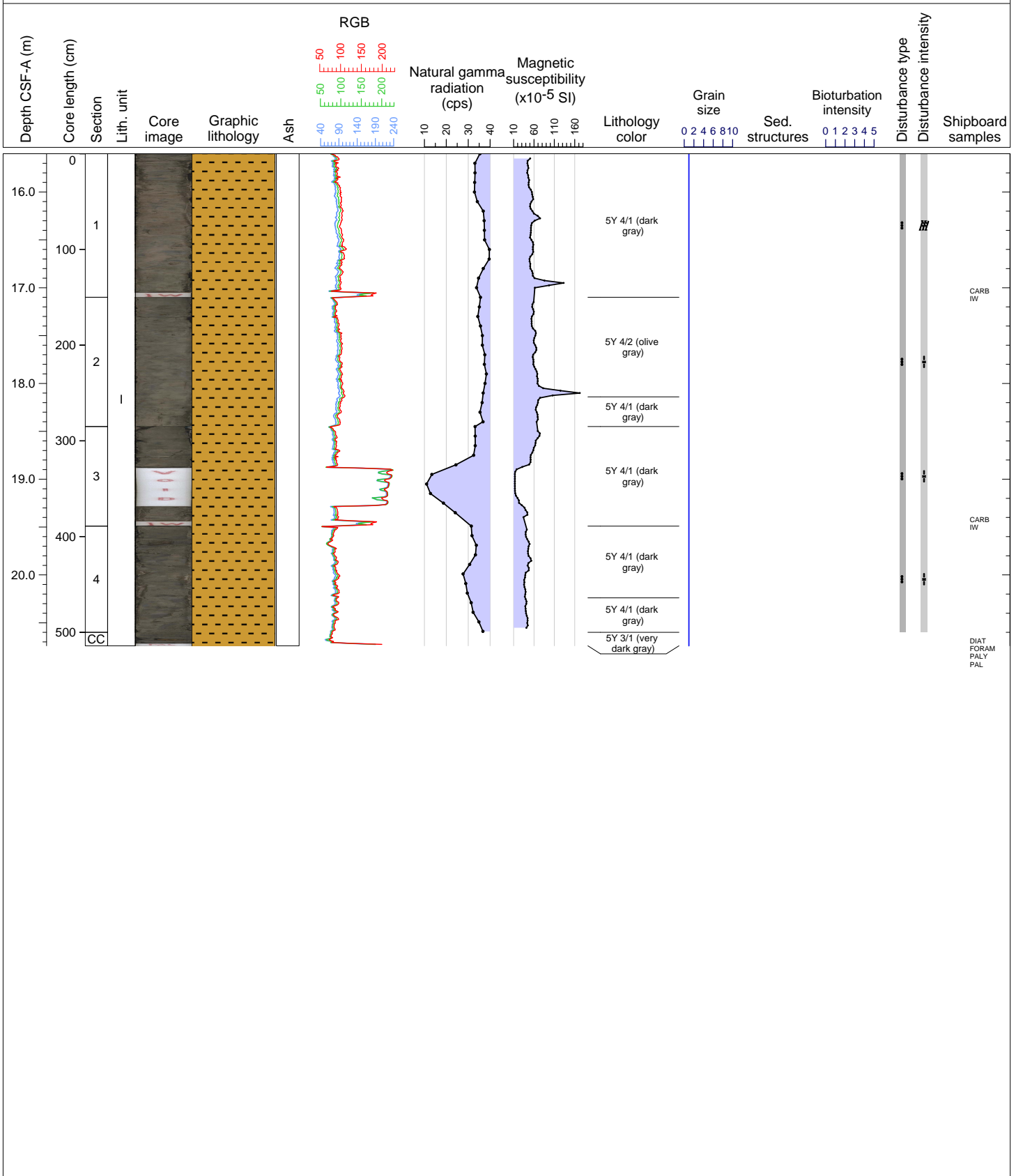
Hole 396-U1570C Core 2R, Interval 6.0-8.93 m (CSF-A)

Core 2 consists of grayish brown (10YR 5/2) to gray (10YR 5/1) CLAY with silt with a sand rich interval and gravels at the top of the core. Traces of foraminifers are observed through the core.



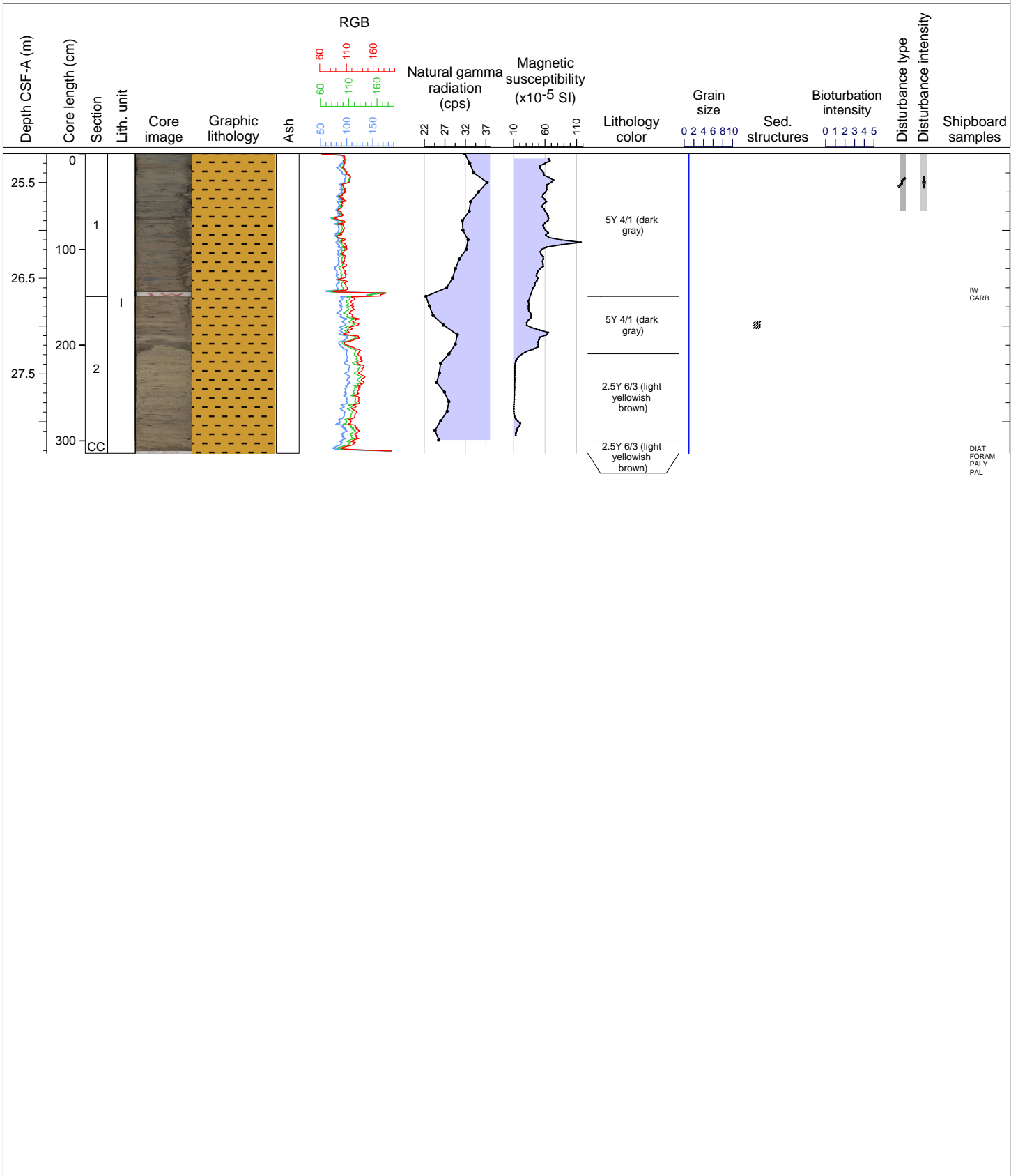
Hole 396-U1570C Core 3R, Interval 15.6-20.74 m (CSF-A)

Core 3 consists of dark gray (5Y 4/1) CLAY with various amounts of silt and sand. Traces of foraminifers are observed through the core. The core is soupy due to drilling disturbance.



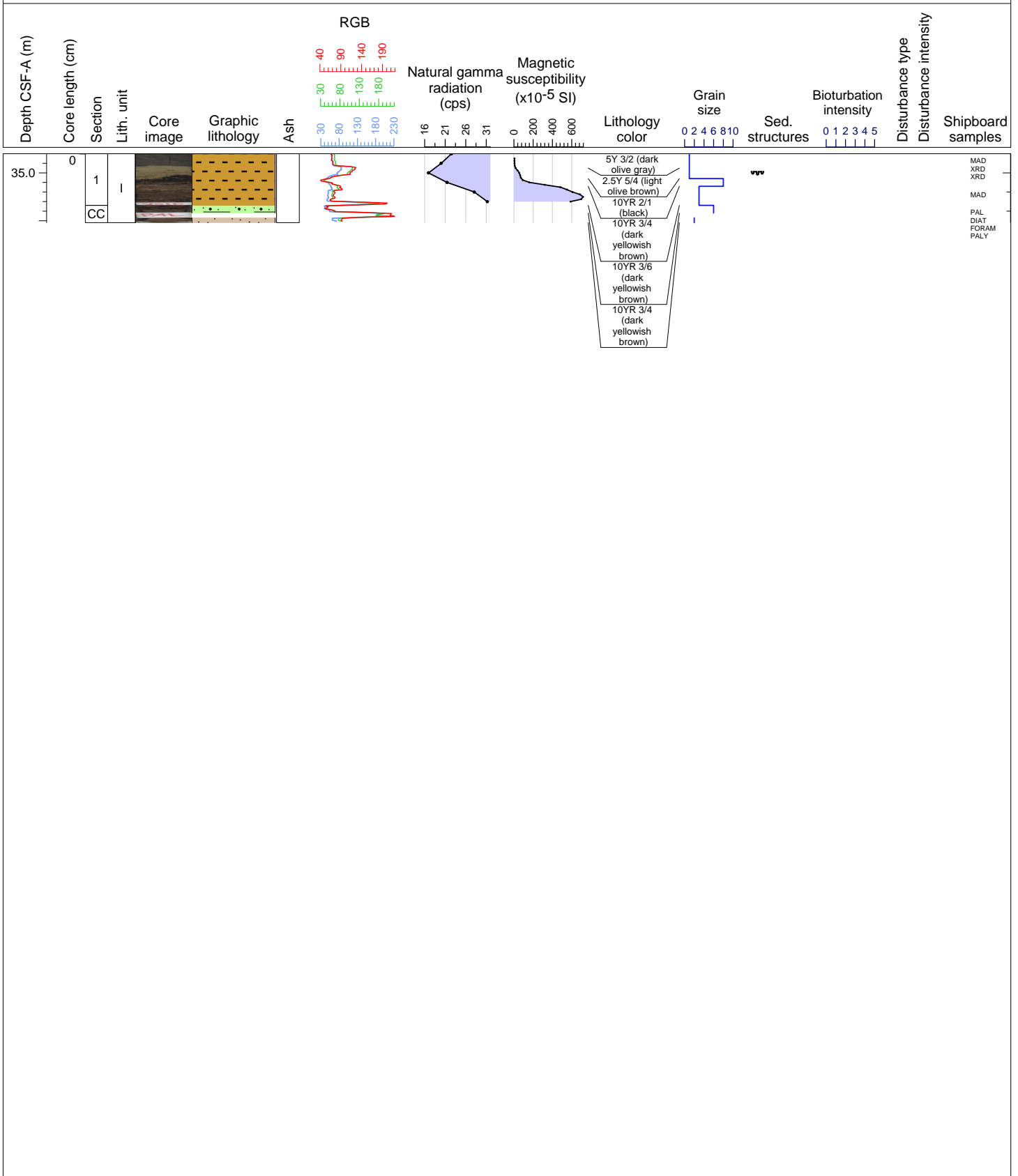
Hole 396-U1570C Core 4R, Interval 25.2-28.33 m (CSF-A)

Core 4 consists of dark gray (5Y 4/1) to light yellowish brown (2.5Y 6/3) CLAY with silt. Traces of foraminifers are observed at the top of the core.



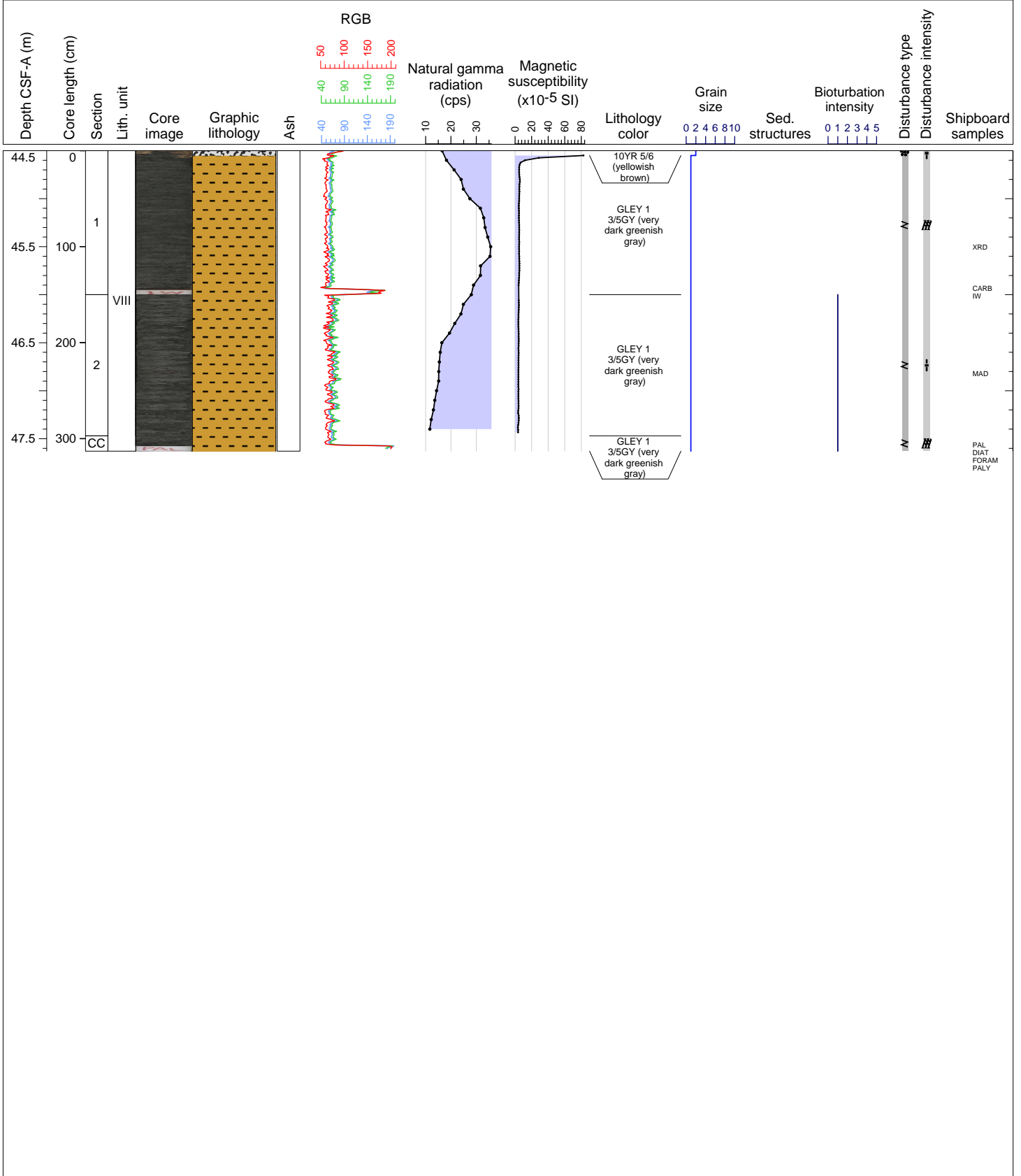
Hole 396-U1570C Core 5R, Interval 34.8-35.52 m (CSF-A)

Core 5 mostly consists of dark olive gray (5Y 3/2) to dark yellowish brown (10YR 3/4) CLAY with silt, and locally black nodules and sand. The core-catcher contains dark yellowish brown (10YR 3/4) clay rich SANDSTONE with gravel and SILTSTONE with clay.



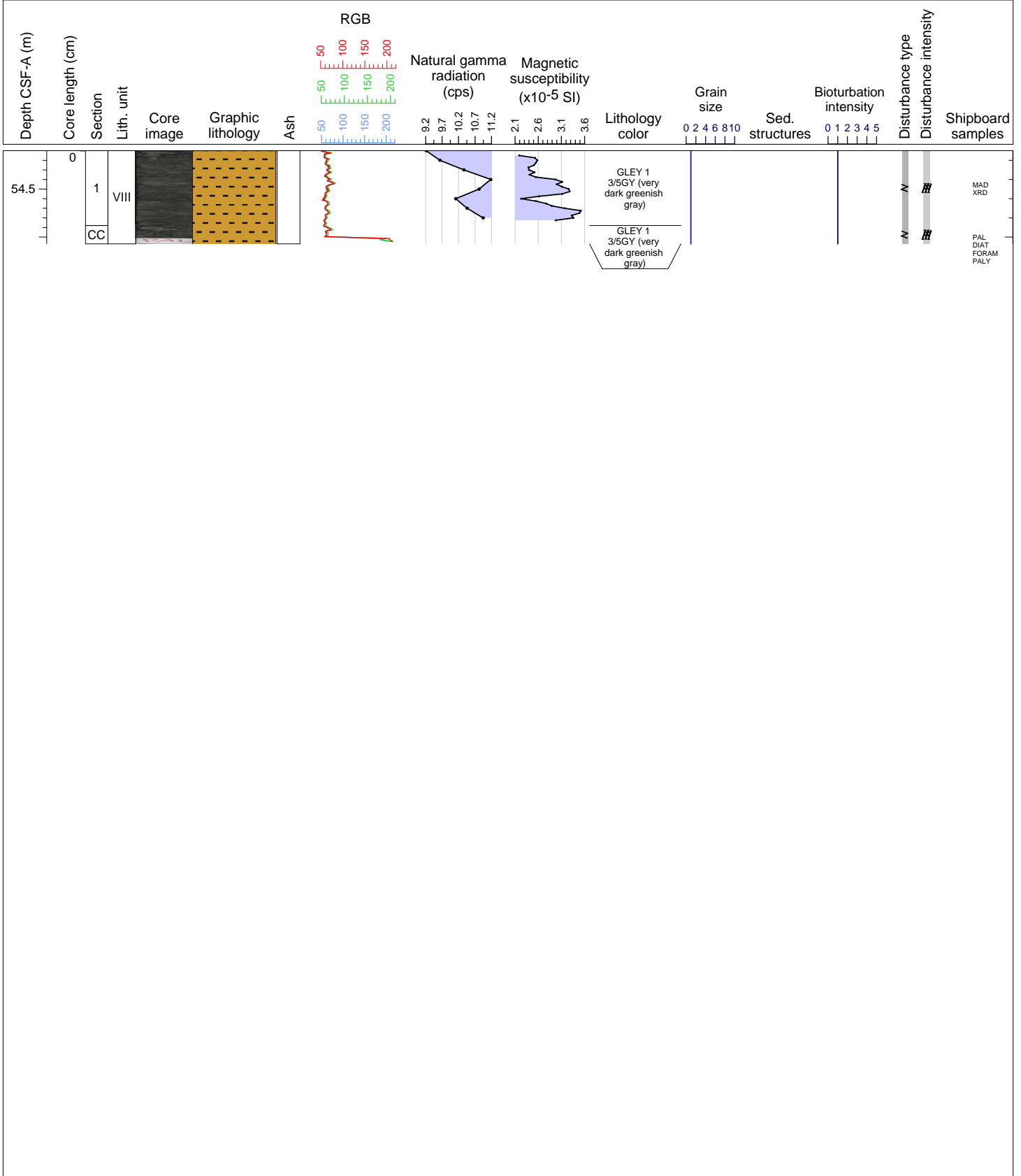
Hole 396-U1570C Core 6R, Interval 44.5-47.63 m (CSF-A)

Core 6 consists of very dark greenish gray (GLEY 1 3/5GY) CLAYSTONE with silt with slight bioturbations. The core is moderately to highly fragmented.



Hole 396-U1570C Core 7R, Interval 54.1-55.07 m (CSF-A)

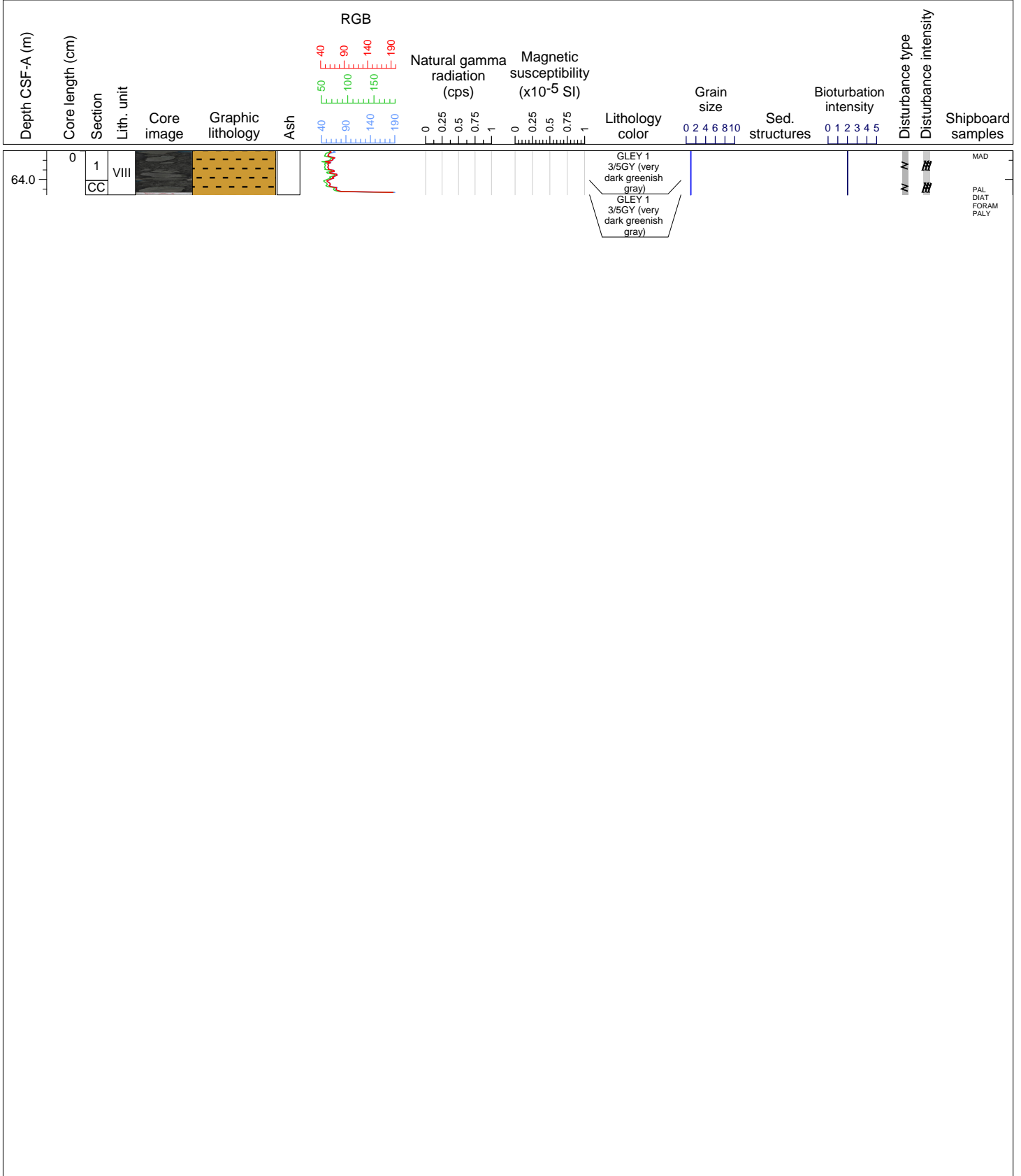
Core 7 consists of very dark greenish gray (GLEY 1 3/5GY) CLAYSTONE with silt with slight bioturbations. The core is moderately to highly fragmented.





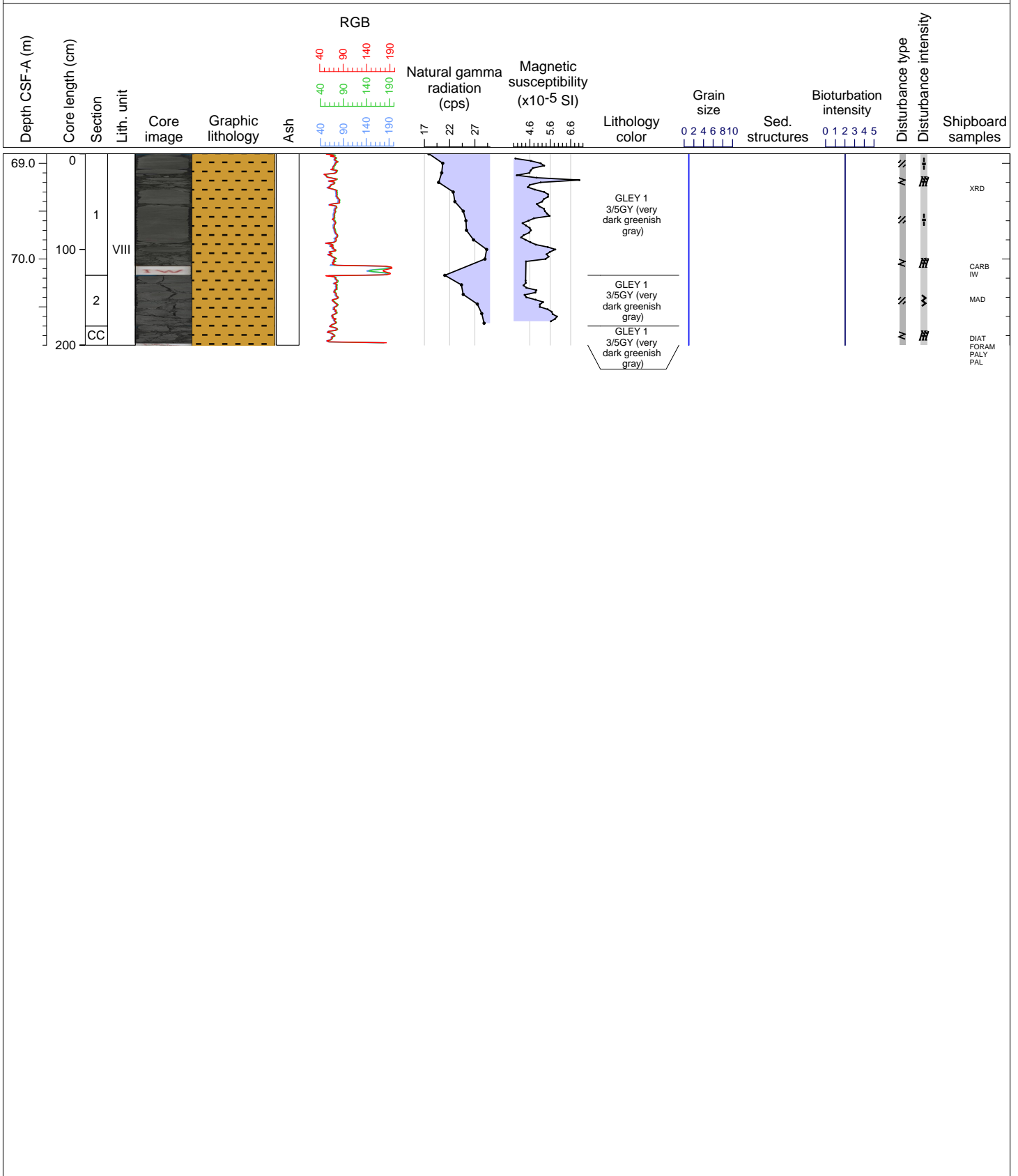
Hole 396-U1570C Core 8R, Interval 63.7-64.16 m (CSF-A)

Core 8 consists of very dark greenish gray (GLEY 1 3/5GY) CLAYSTONE with silt with moderate bioturbations. The core is moderately to highly fragmented.



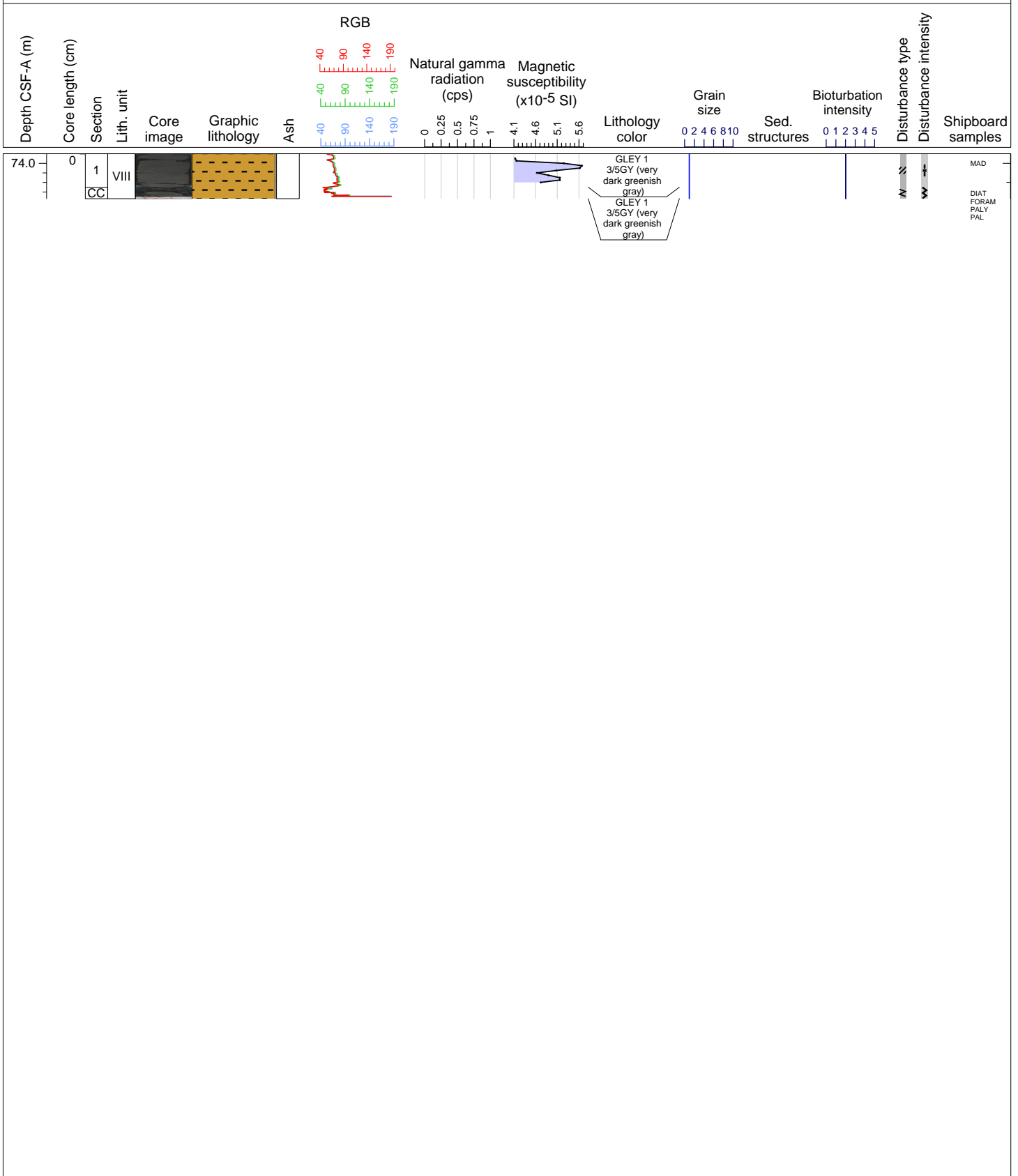
Hole 396-U1570C Core 9R, Interval 68.9-70.9 m (CSF-A)

Core 9 consists of very dark greenish gray (GLEY 1 3/5GY) CLAYSTONE with silt with moderate bioturbations. Pyrite is observed in section 1. The core is moderately fractured to highly fragmented.



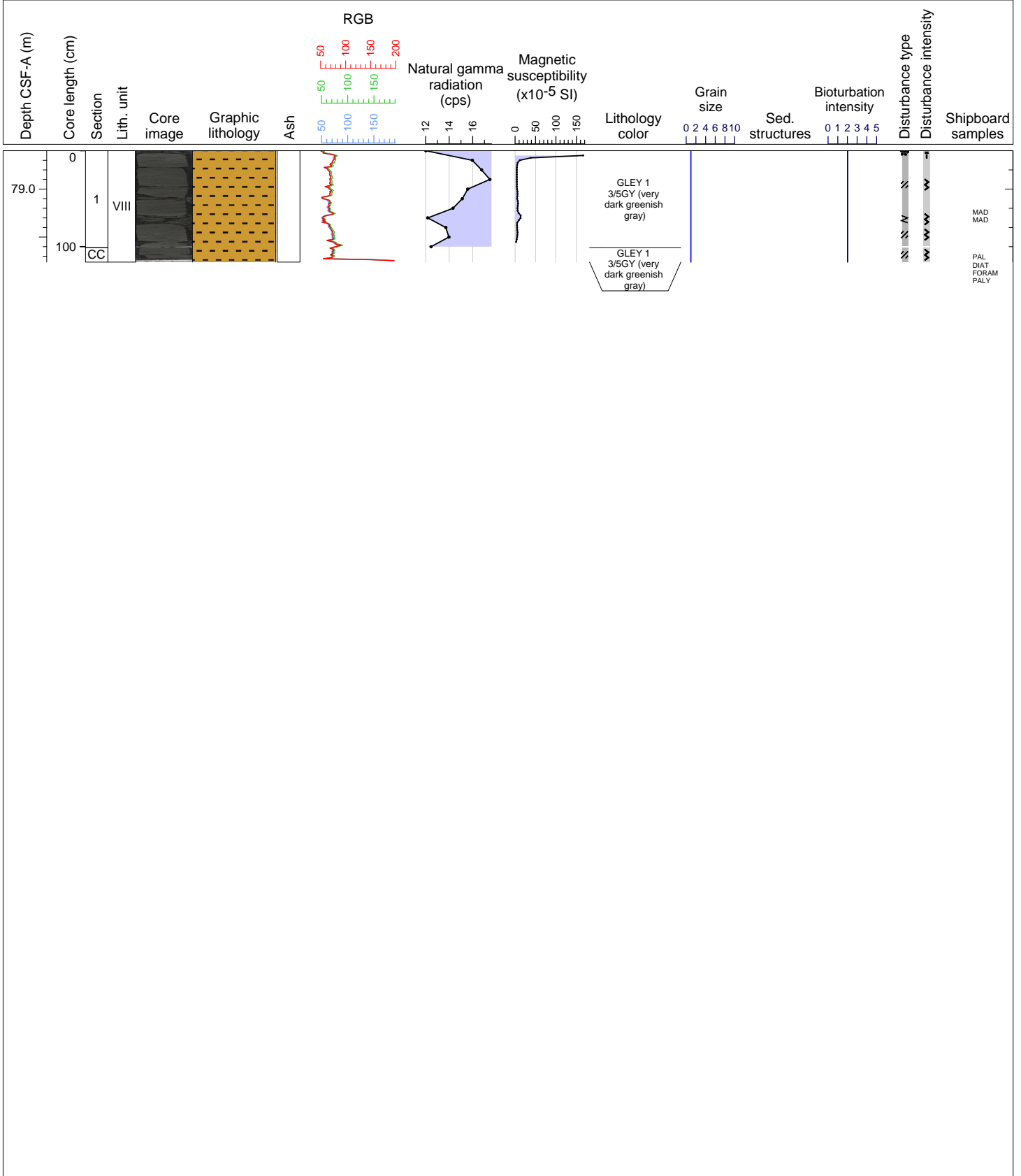
Hole 396-U1570C Core 10R, Interval 73.9-74.37 m (CSF-A)

Core 10 consists of very dark greenish gray (GLEY 1 3/5GY) CLAYSTONE with silt with moderate bioturbations. Pyrite is common. The core is moderately fractured to highly fragmented.



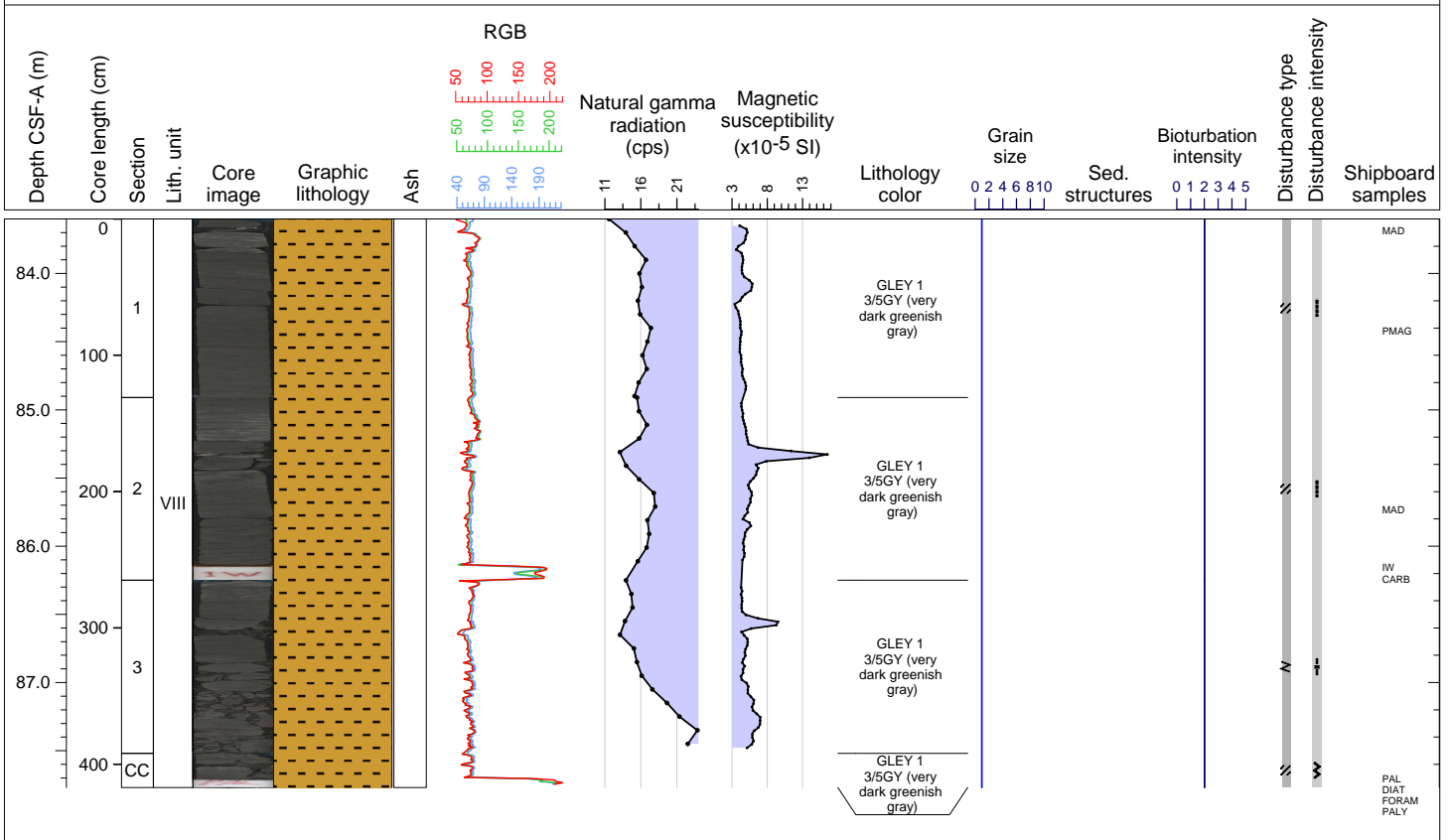
Hole 396-U1570C Core 11R, Interval 78.6-79.76 m (CSF-A)

Core 11 consists of very dark greenish gray (GLEY 1 3/5GY) CLAYSTONE with silt with moderate bioturbations. Pyrite is common. The core presents a few normal faults with 1cm offsets. The core is highly fractured.



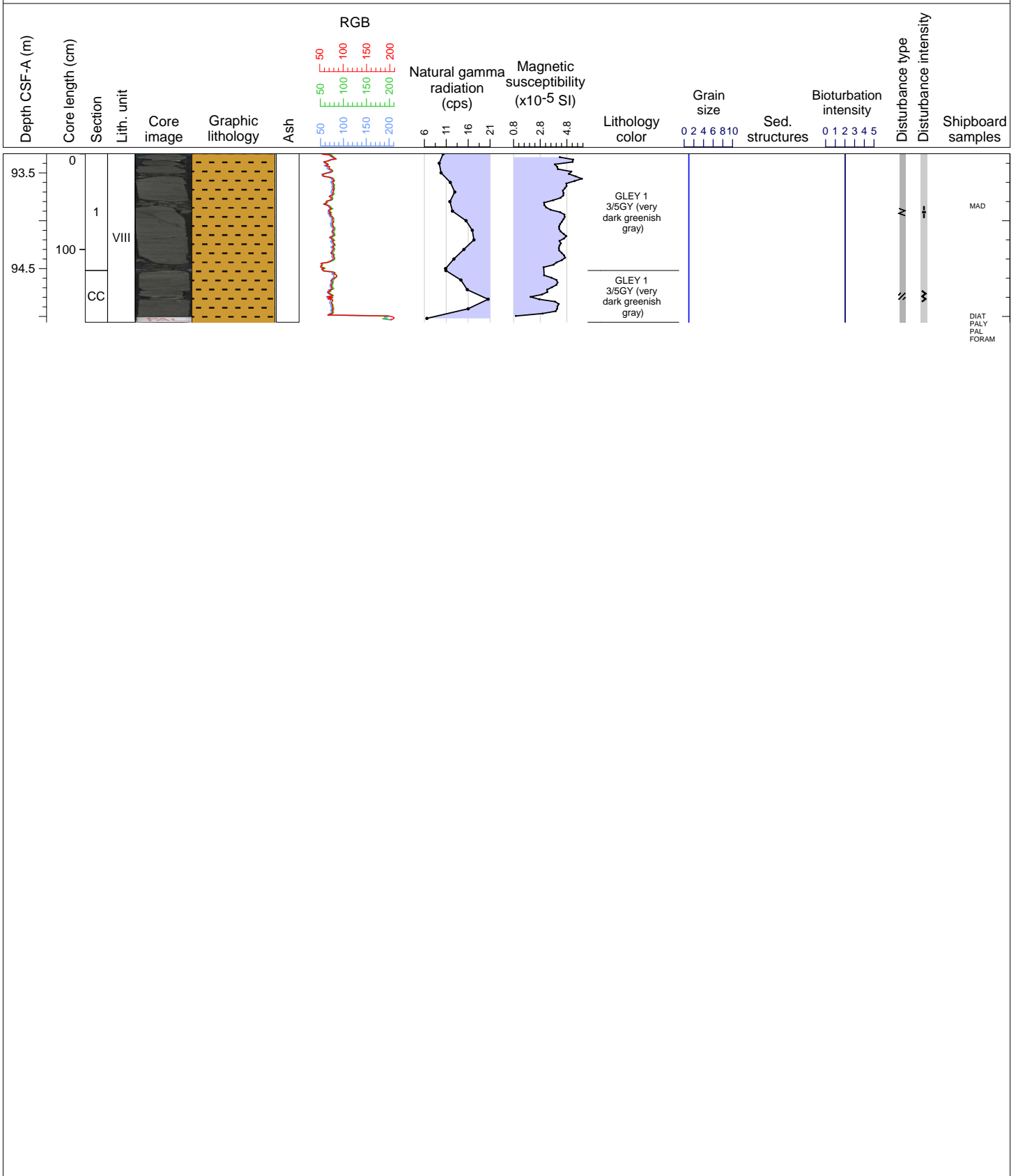
Hole 396-U1570C Core 12R, Interval 83.6-87.77 m (CSF-A)

Core 12 consists of very dark greenish gray (GLEY 1 3/5GY) CLAYSTONE with silt with moderate bioturbations. Pyrite is common. The core is slightly highly fractured.



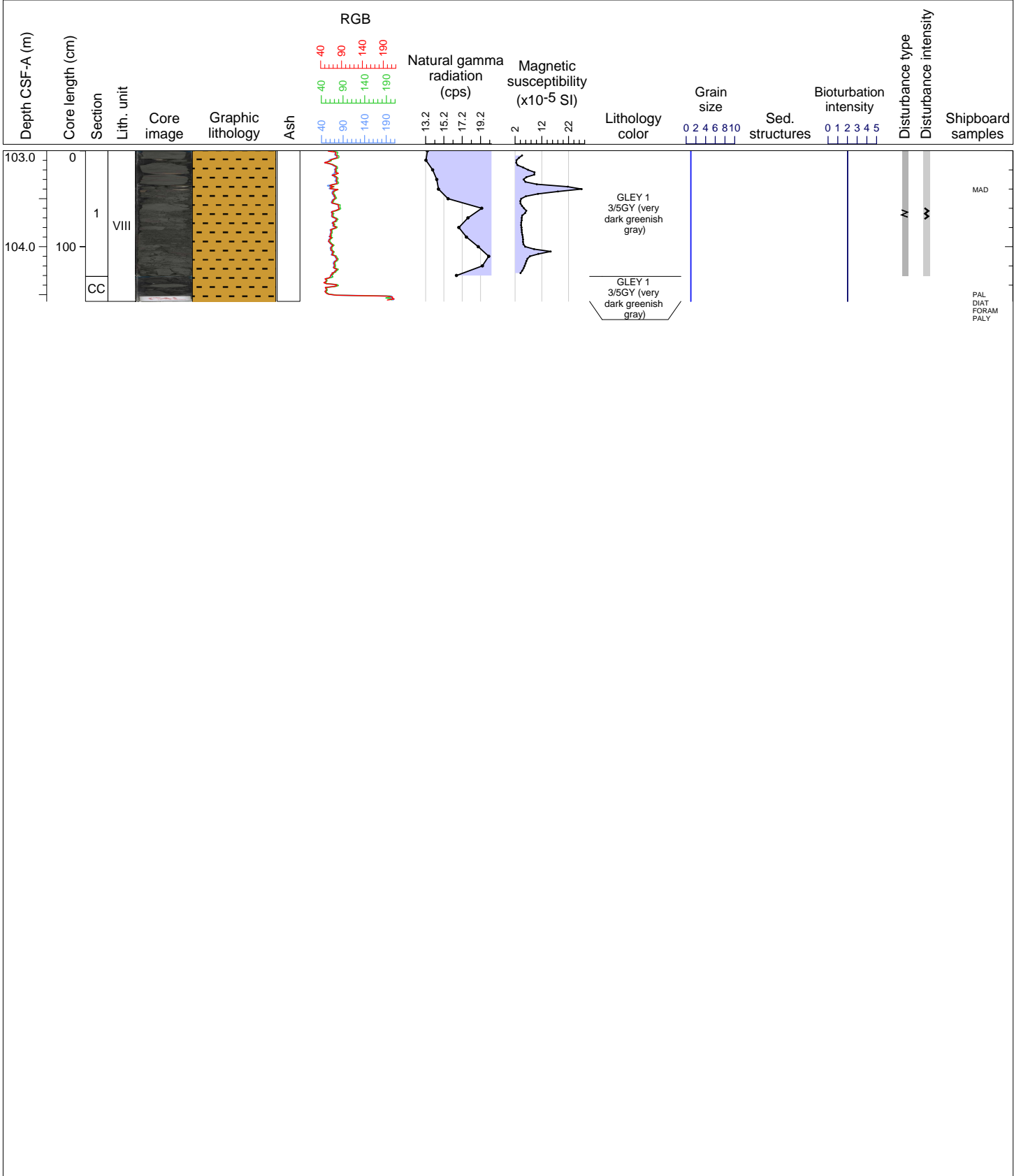
Hole 396-U1570C Core 13R, Interval 93.3-95.06 m (CSF-A)

Core 13 consists of very dark greenish gray (GLEY 1 3/5GY) CLAYSTONE with silt with moderate bioturbations. The core presents a few normal faults with 1cm offsets. The core is highly fractured by drilling disturbance.



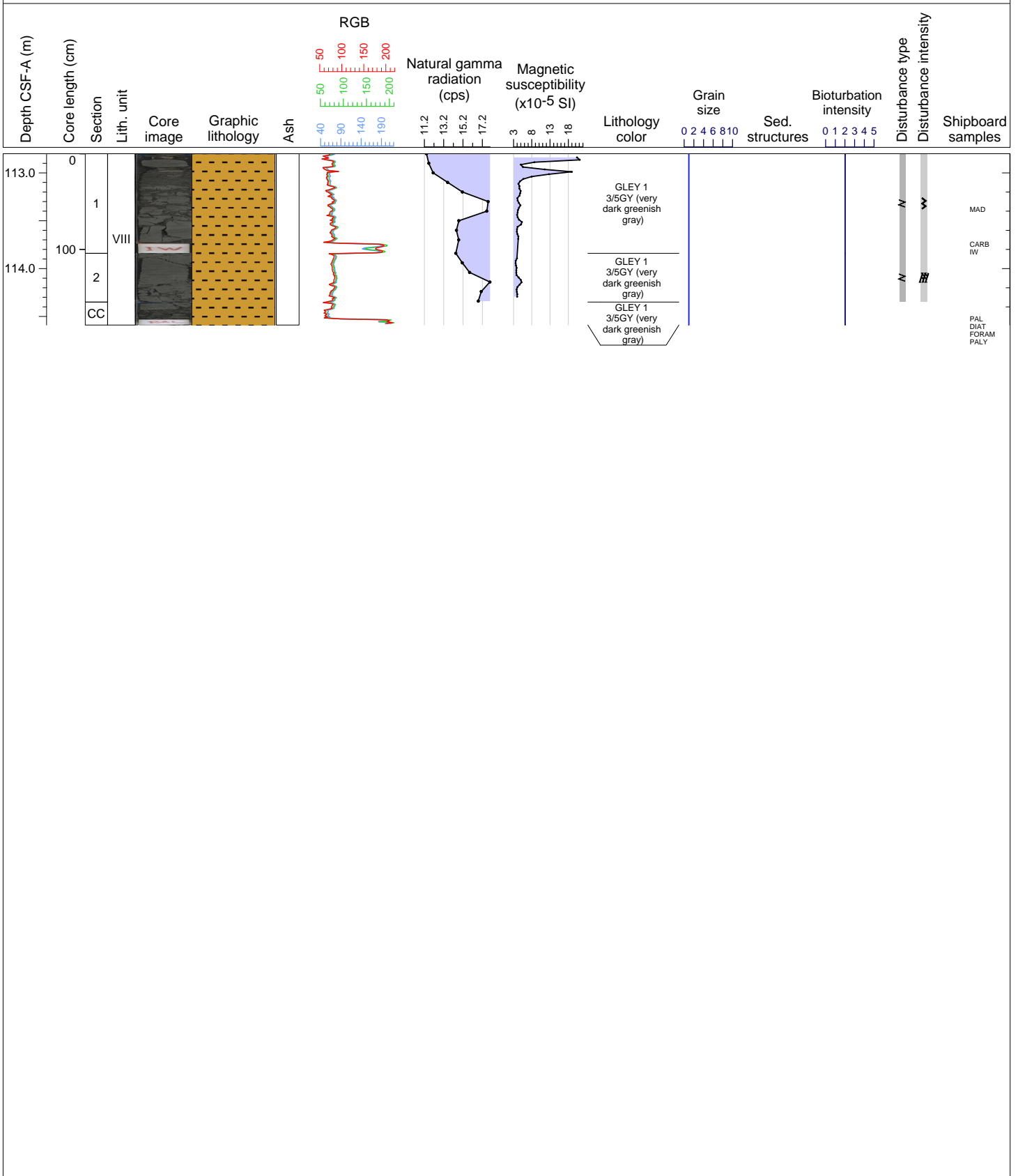
Hole 396-U1570C Core 14R, Interval 103.0-104.57 m (CSF-A)

Core 14 consists of very dark greenish gray (GLEY 1 3/5GY) CLAYSTONE with silt with moderate bioturbations. The core is highly fragmented.



Hole 396-U1570C Core 15R, Interval 112.8-114.59 m (CSF-A)

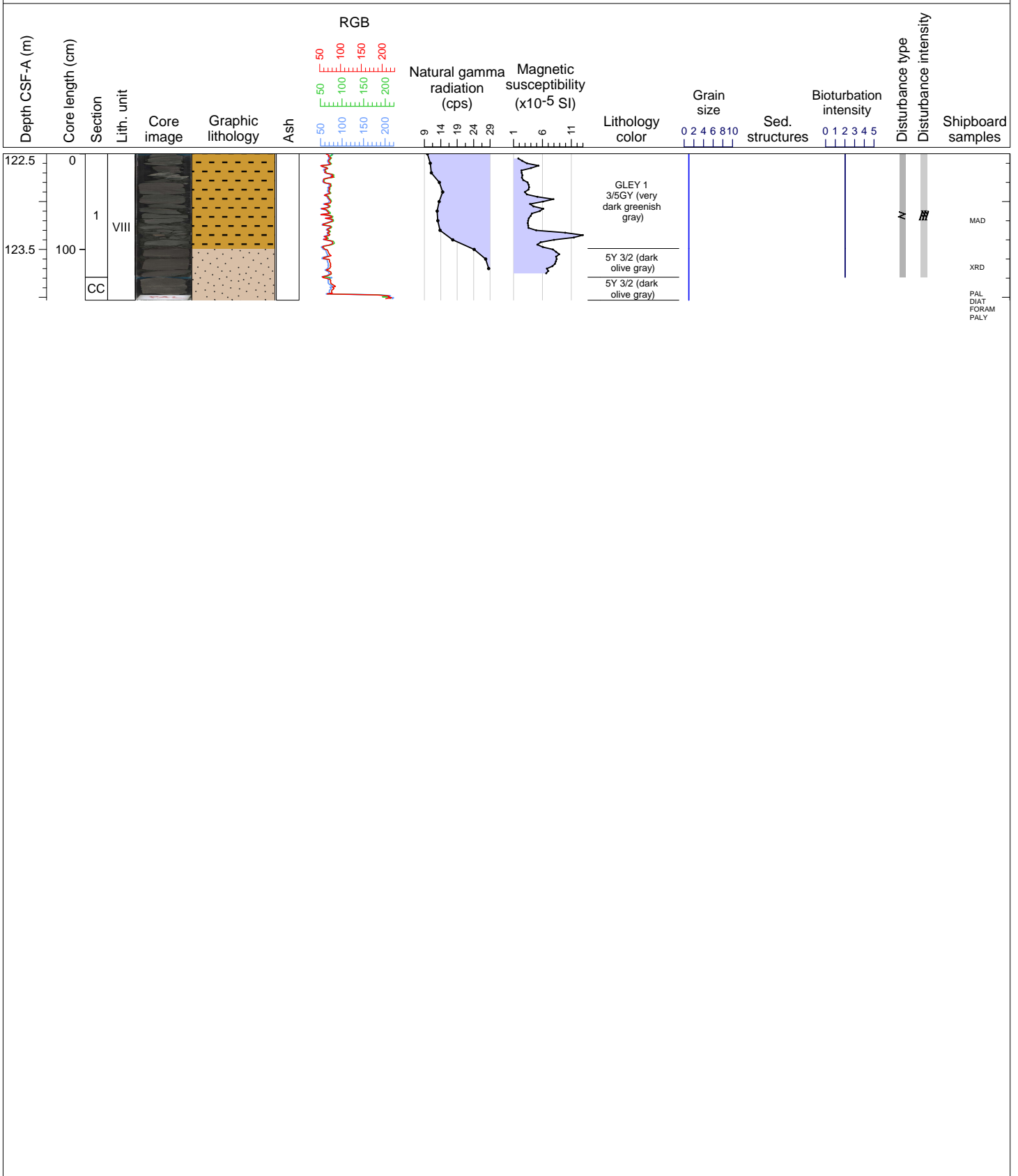
Core 15 consists of very dark greenish gray (GLEY 1 3/5GY) CLAYSTONE with silt with moderate bioturbations. The core is moderately to highly fragmented.





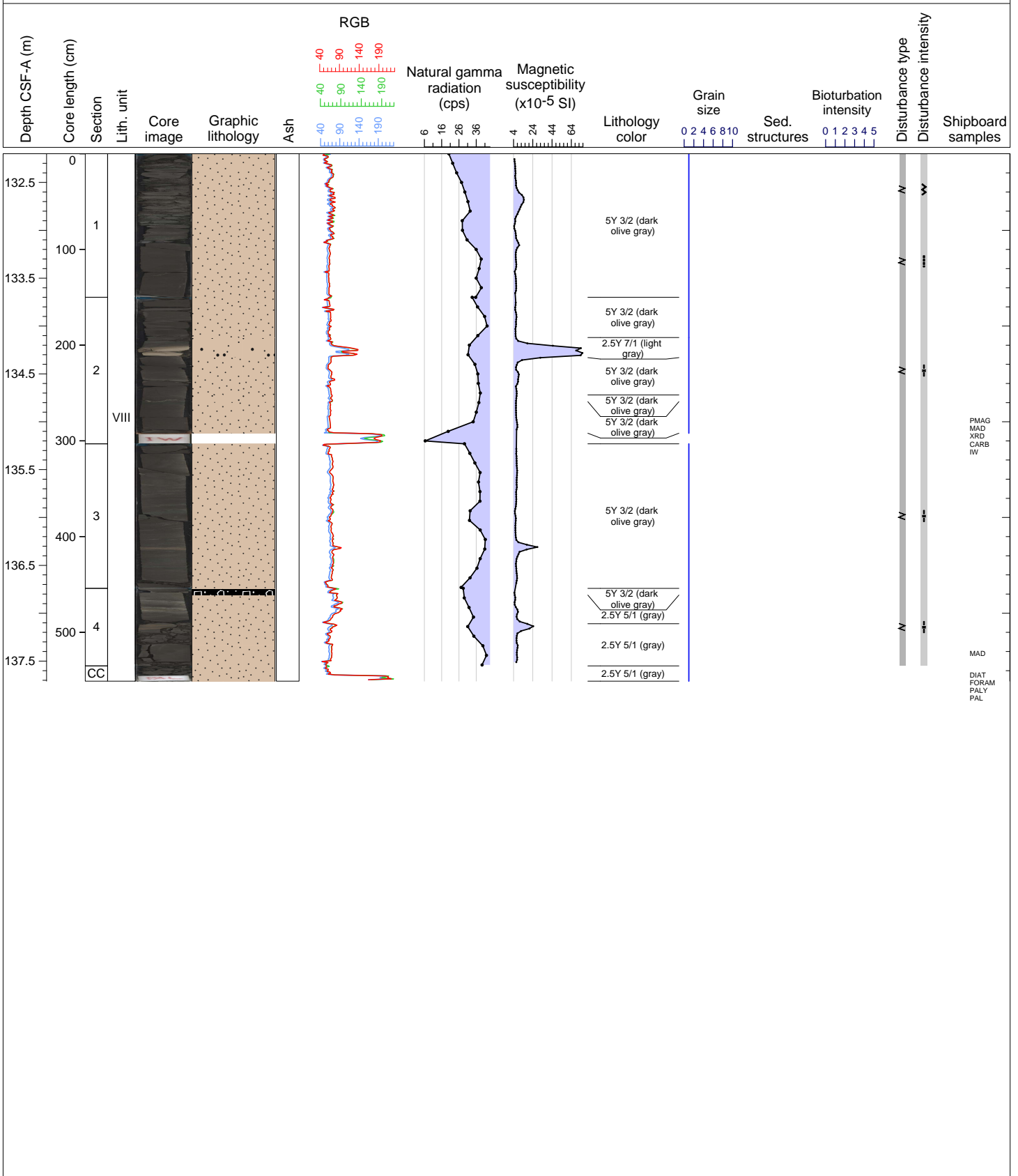
Hole 396-U1570C Core 16R, Interval 122.5-124.03 m (CSF-A)

Core 16 changes from very dark greenish gray (GLEY 1 3/5GY) CLAYSTONE with silt with moderate bioturbations in the first 99cm to dark olive gray (5Y 3/2) SILTSTONE with clay. The core is moderately to highly fragmented.



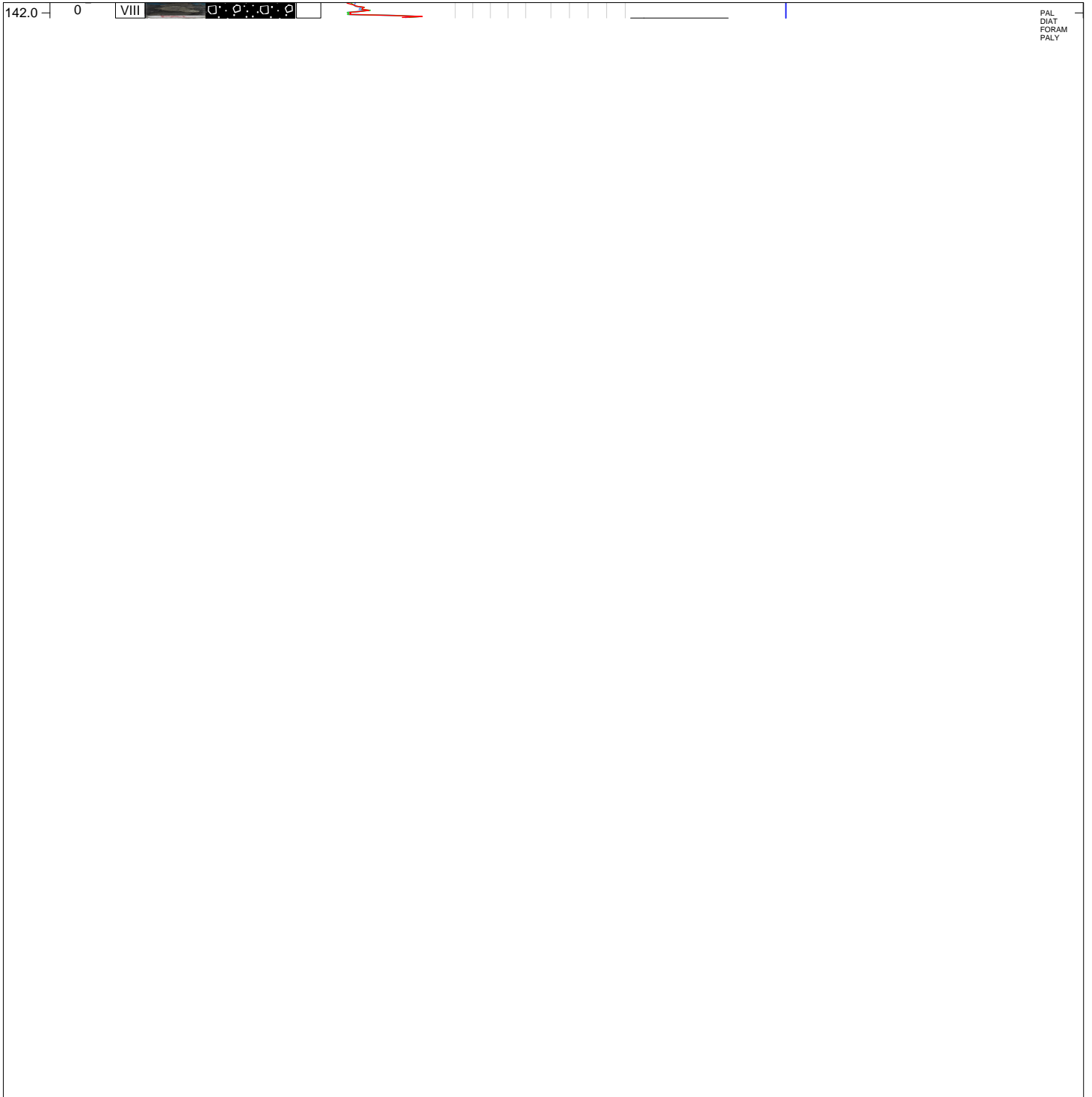
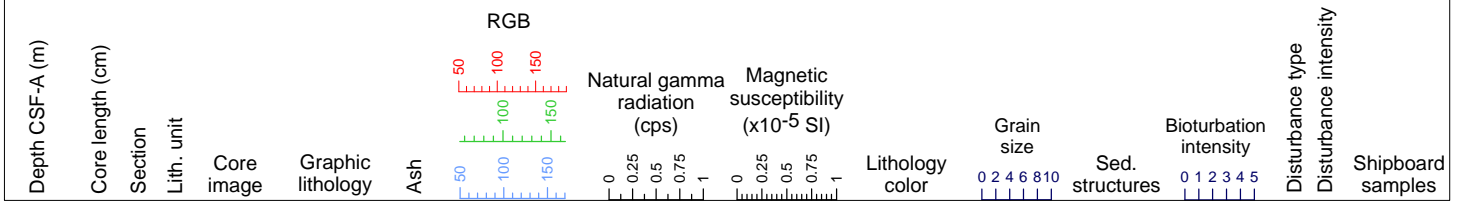
Hole 396-U1570C Core 17R, Interval 132.2-137.71 m (CSF-A)

Core 17 changes from dark olive gray (5Y 3/2) to gray (2.5Y 5/1) SILTSTONE with clay. Locally, some layers are sand rich. Pyrite is common. The core is slightly to highly fragmented.



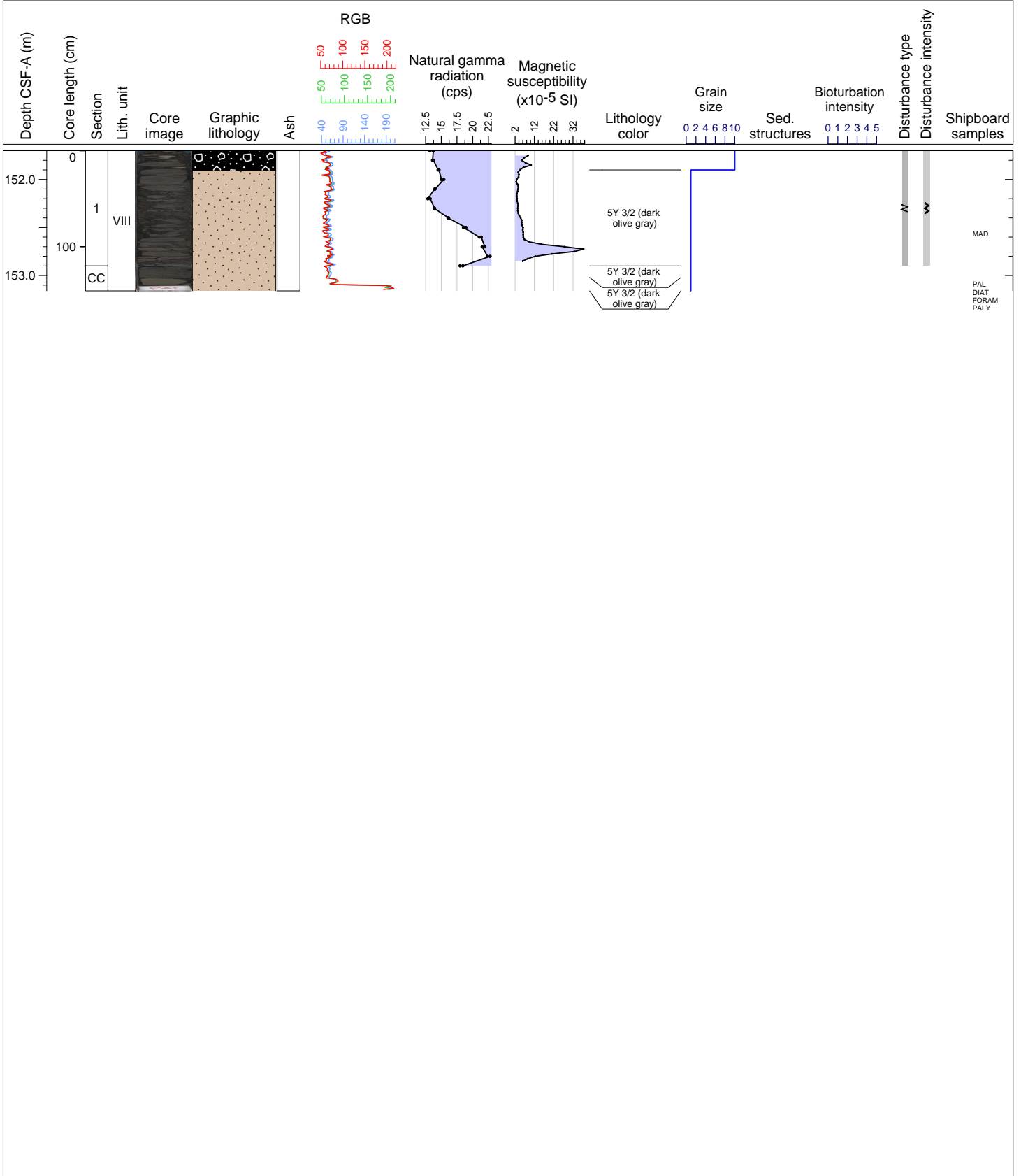
Hole 396-U1570C Core 18R, Interval 141.9-142.05 m (CSF-A)

Recovery for core 18 was very low. The core consists of 15 cm of GRAVEL.



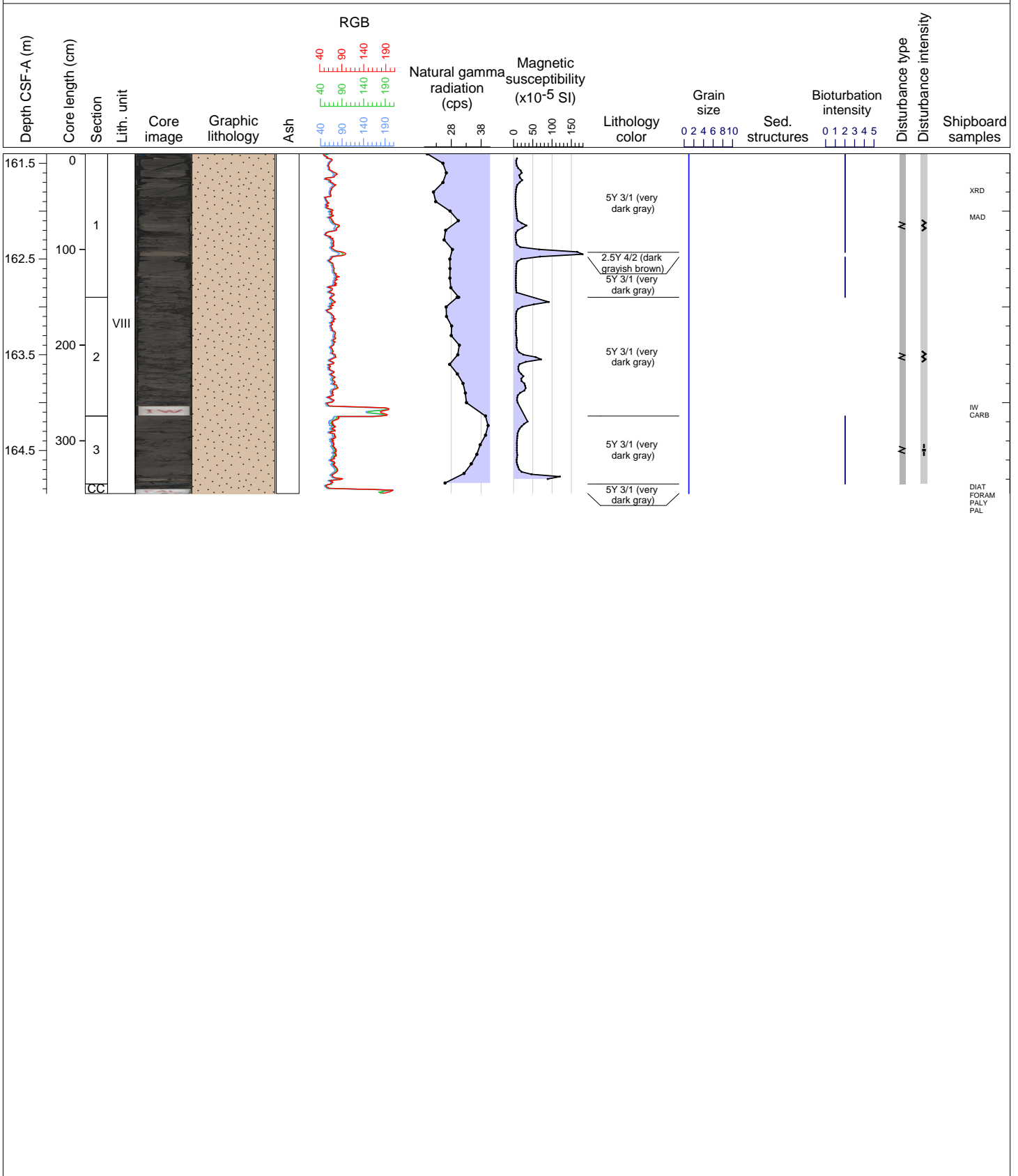
Hole 396-U1570C Core 19R, Interval 151.7-153.16 m (CSF-A)

Core 19 consists of dark olive gray (5Y 3/2) SILTSTONE with clay or sand, overlaid by 20cm of GRAVEL. Small amount of pyrite is observed. The core is highly fragmented.



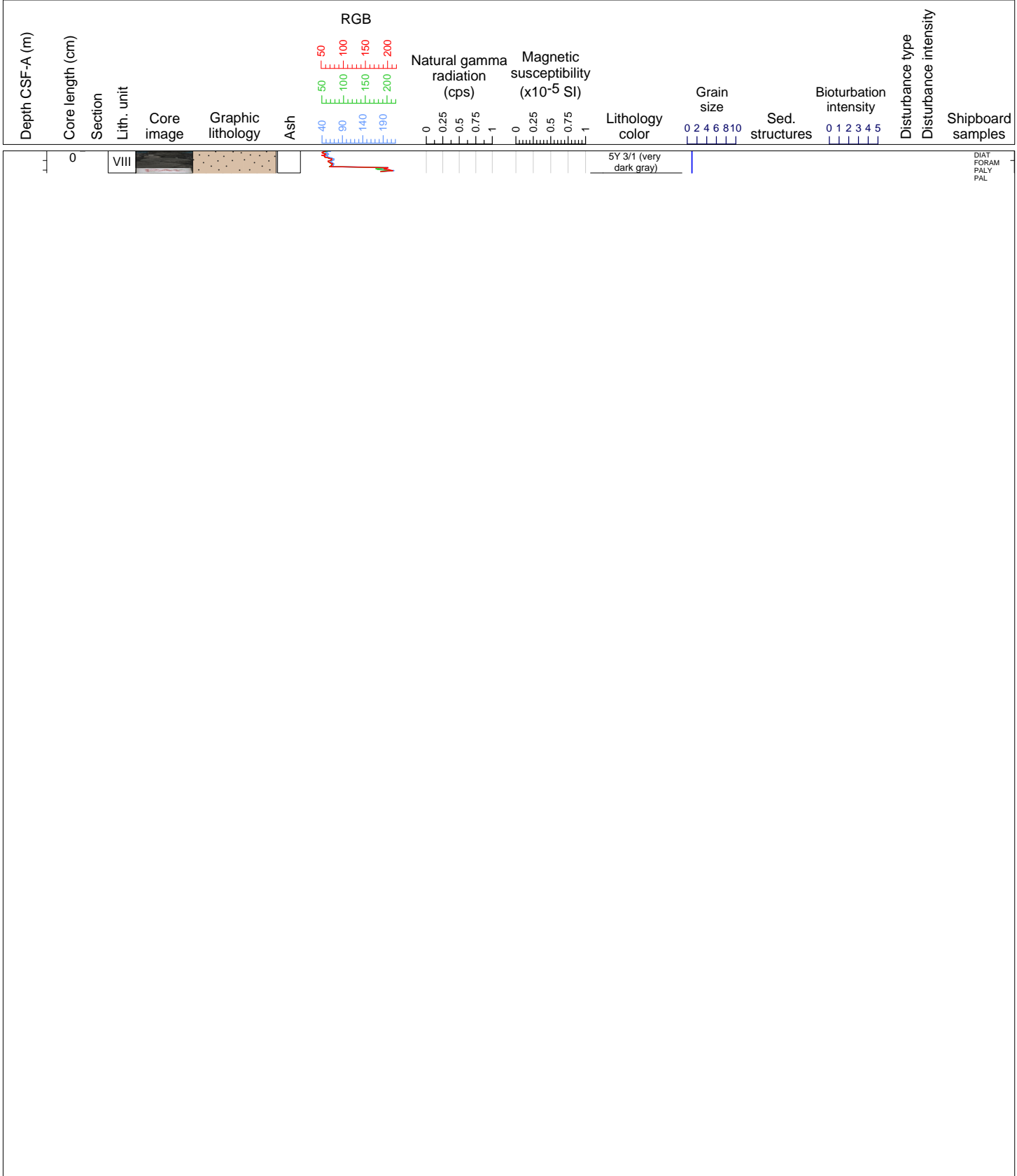
Hole 396-U1570C Core 20R, Interval 161.4-164.95 m (CSF-A)

Core 20 consists of very dark gray (5Y 3/1) SILTSTONE with clay, with locally, moderate bioturbations. Small amount of pyrite is observed. The core is moderately to highly fragmented.



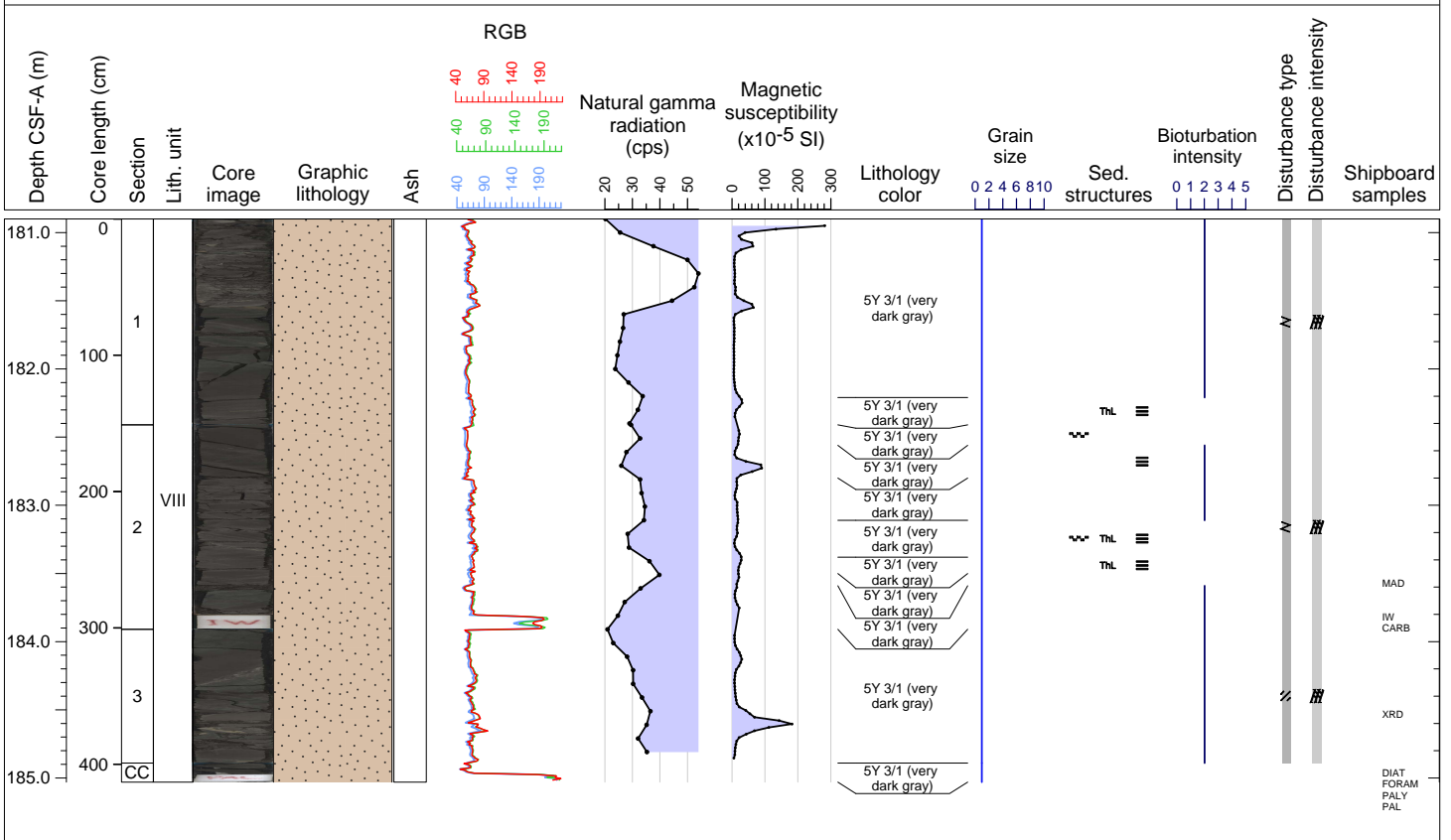
Hole 396-U1570C Core 21R, Interval 171.1-171.33 m (CSF-A)

Recovery for core 21 was very low. The core consists of very dark gray (5Y 3/1) SILTSTONE with clay. Small amount of pyrite is observed.



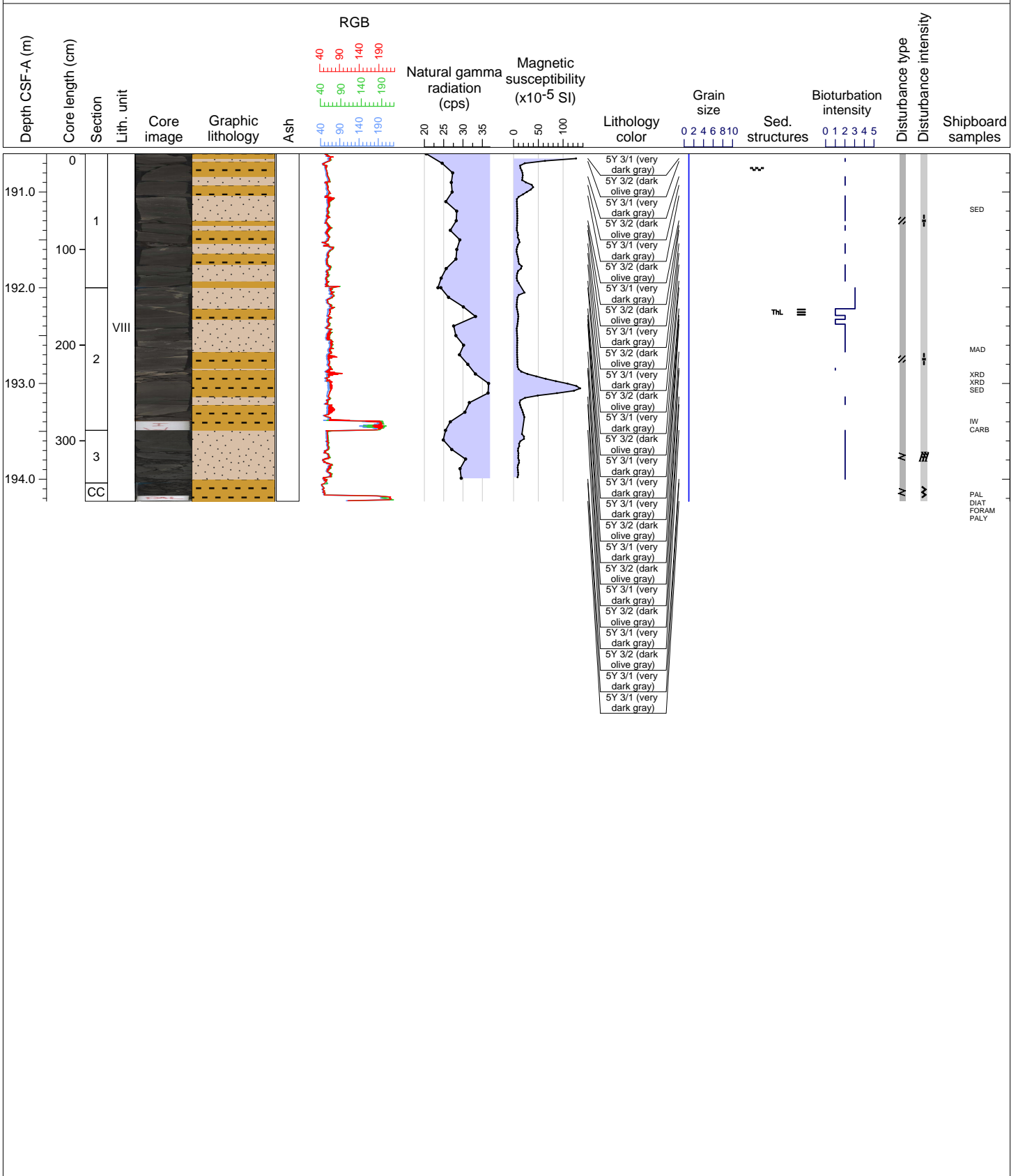
Hole 396-U1570C Core 22R, Interval 180.9-185.03 m (CSF-A)

Core 22 consists of very dark gray (5Y 3/1) SILTSTONE with clay, with thin inclined parallel laminations and moderate bioturbations. Small amount of pyrite is observed. The core is moderately to highly fragmented.



Hole 396-U1570C Core 23R, Interval 190.6-194.23 m (CSF-A)

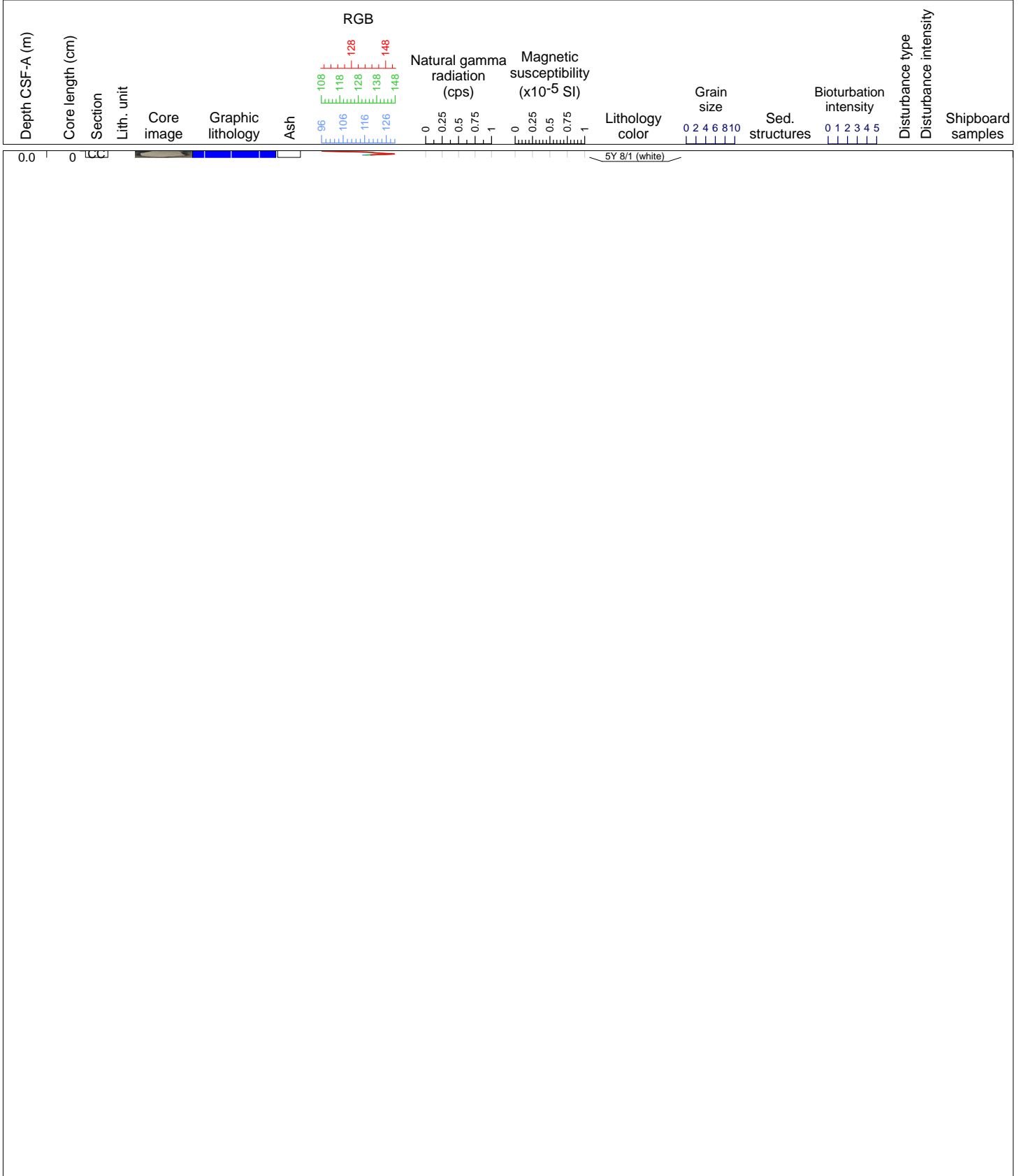
Core 23 consists of an alternation of very dark gray (5Y 3/1) CLAYSTONE with silt and dark olive gray (5Y 3/2) SILTSTONE with clay with moderate bioturbations. Pyrite is common. Section 2 contains a small normal fault with a 2mm offset. The core is moderately fractured to highly fragmented.





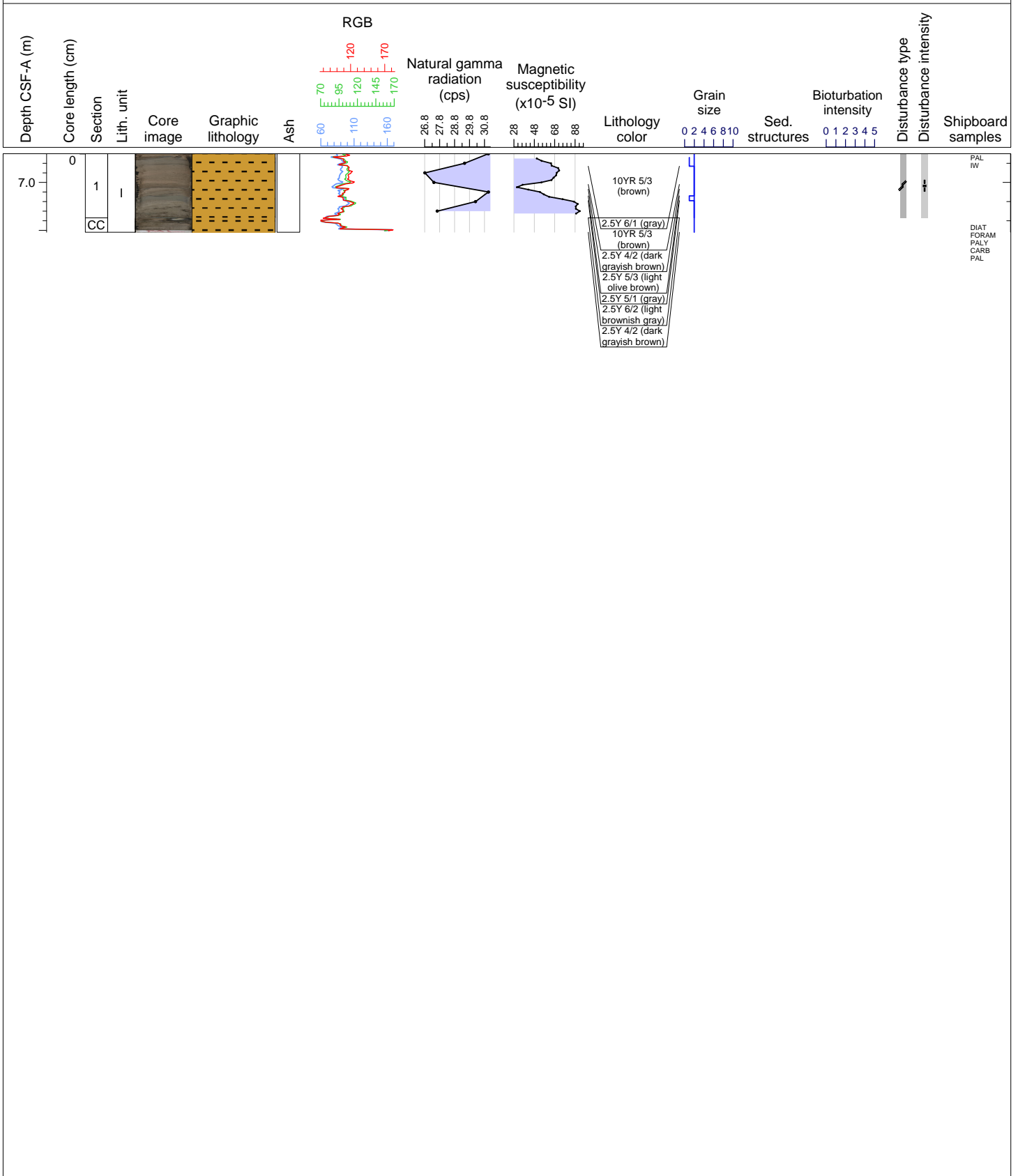
Hole 396-U1570D Core 1R, Interval 0.0-0.07 m (CSF-A)

Core 1 recovery is very low and consists of a 7cm piece of white (5Y 8/1) LIMESTONE.



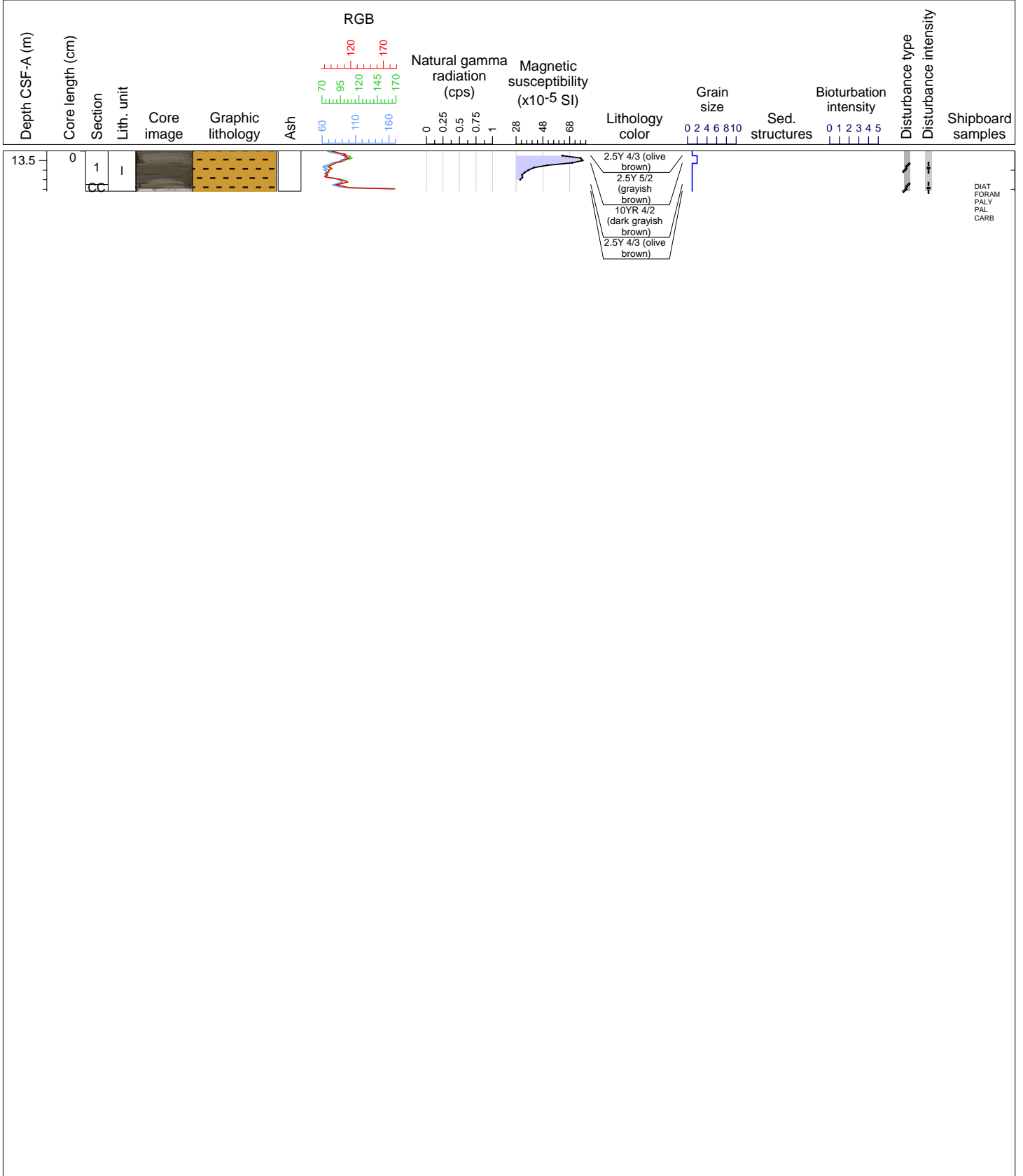
Hole 396-U1570D Core 2R, Interval 6.7-7.52 m (CSF-A)

Core 2 consists of light brownish gray (2.5Y 6/2) to dark grayish brown (2.5 Y 4/2) CLAY with silt and common to abundant foraminifers. The core shows moderate up-arching drilling disturbance.



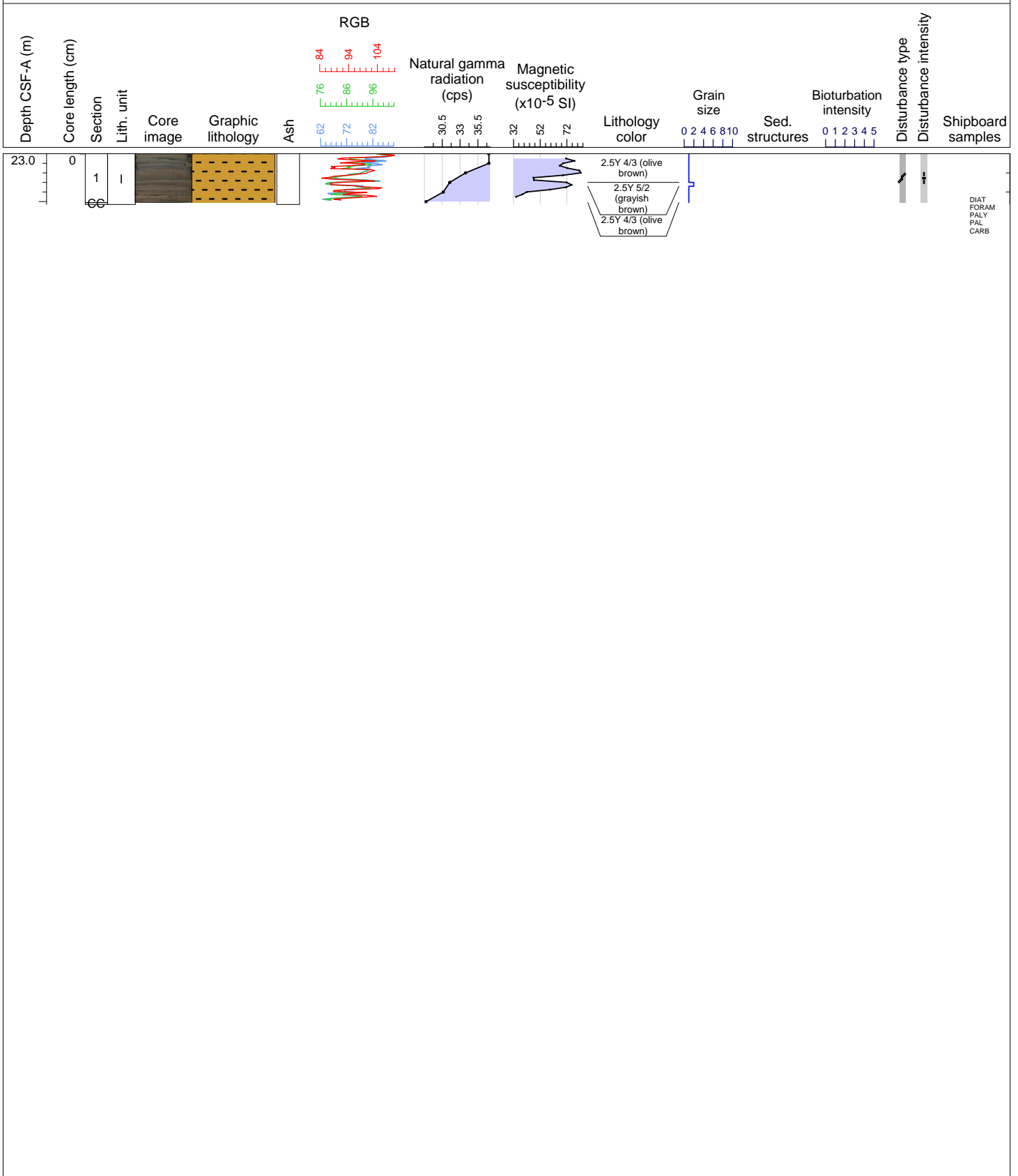
Hole 396-U1570D Core 3R, Interval 13.4-13.82 m (CSF-A)

Core 3 consists of olive brown (2.5Y 4/3) to dark grayish brown (2.5 Y 4/2) CLAY with silt with traces of foraminifers. The core shows moderate up-arching drilling disturbance.



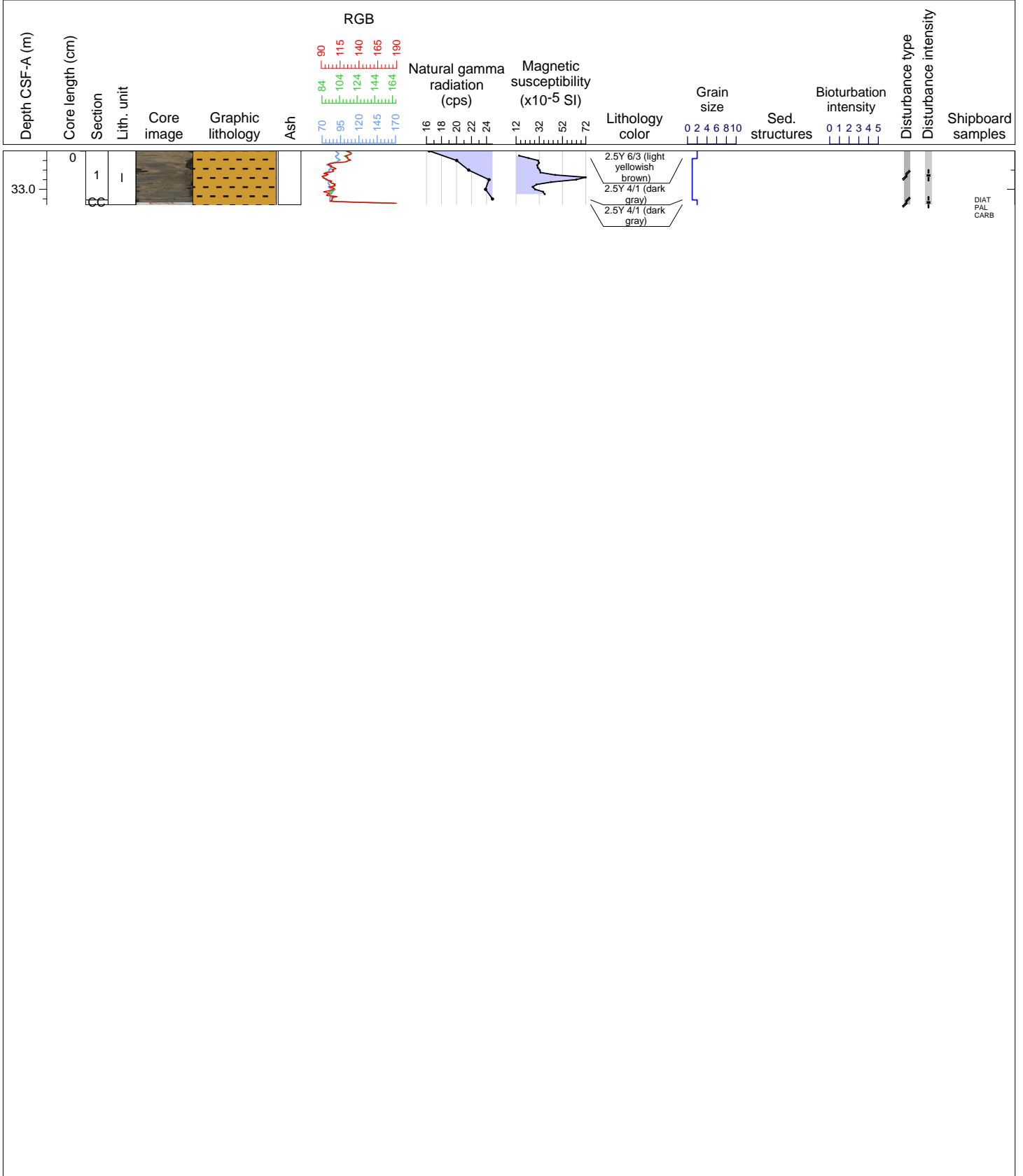
Hole 396-U1570D Core 4R, Interval 23.0-23.53 m (CSF-A)

Core 4 consists of olive brown (2.5Y 4/3) CLAY with silt and grayish brown (2.5Y 5/2) CLAY with sand and traces of foraminifers. The core shows moderate up-arching drilling disturbance.



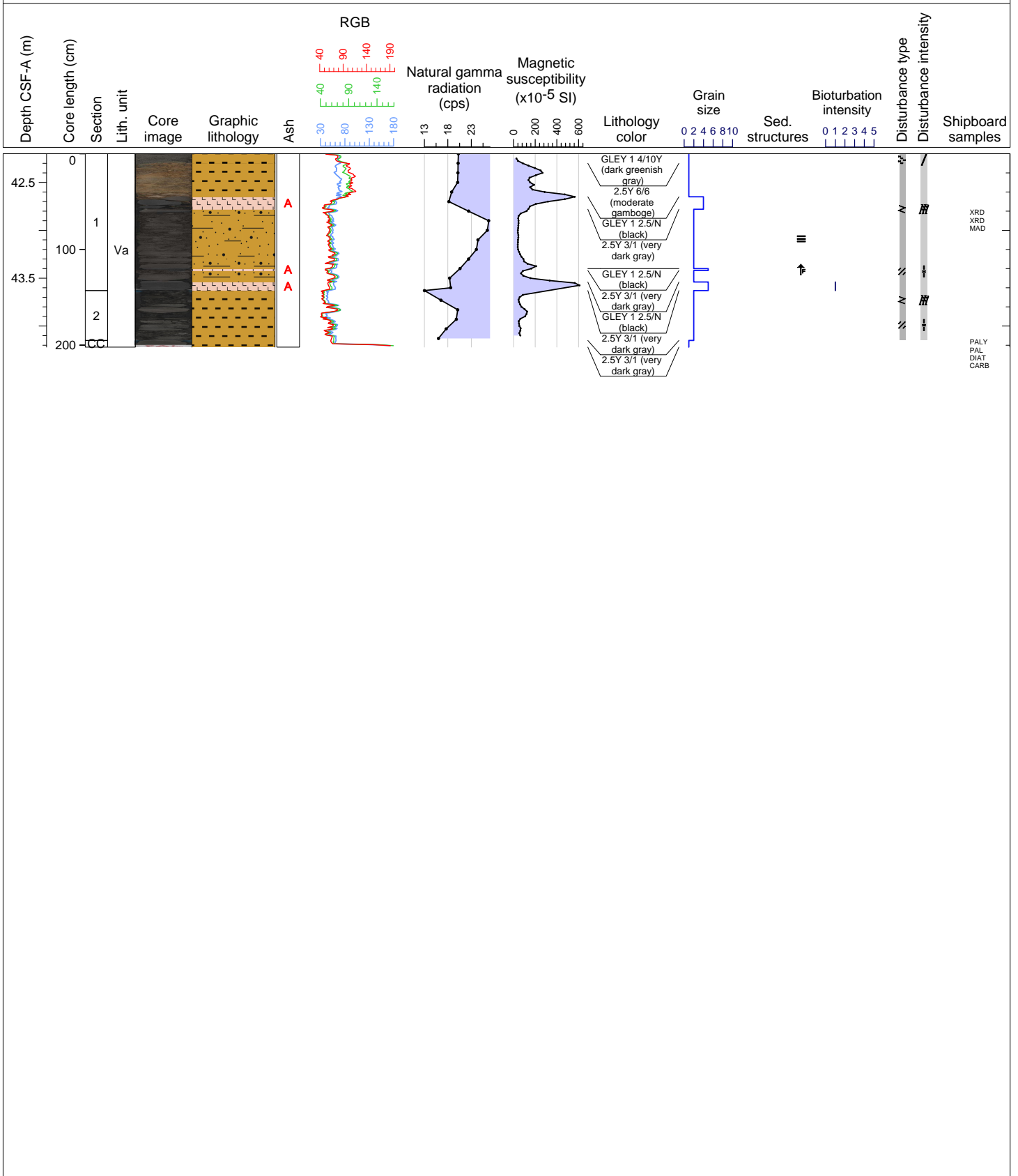
Hole 396-U1570D Core 5R, Interval 32.6-33.16 m (CSF-A)

Core 5 consists of dark gray (2.5Y 4/1) CLAY with silt. The top of the core contains traces of foraminifers. The core shows moderate up-arching drilling disturbance.



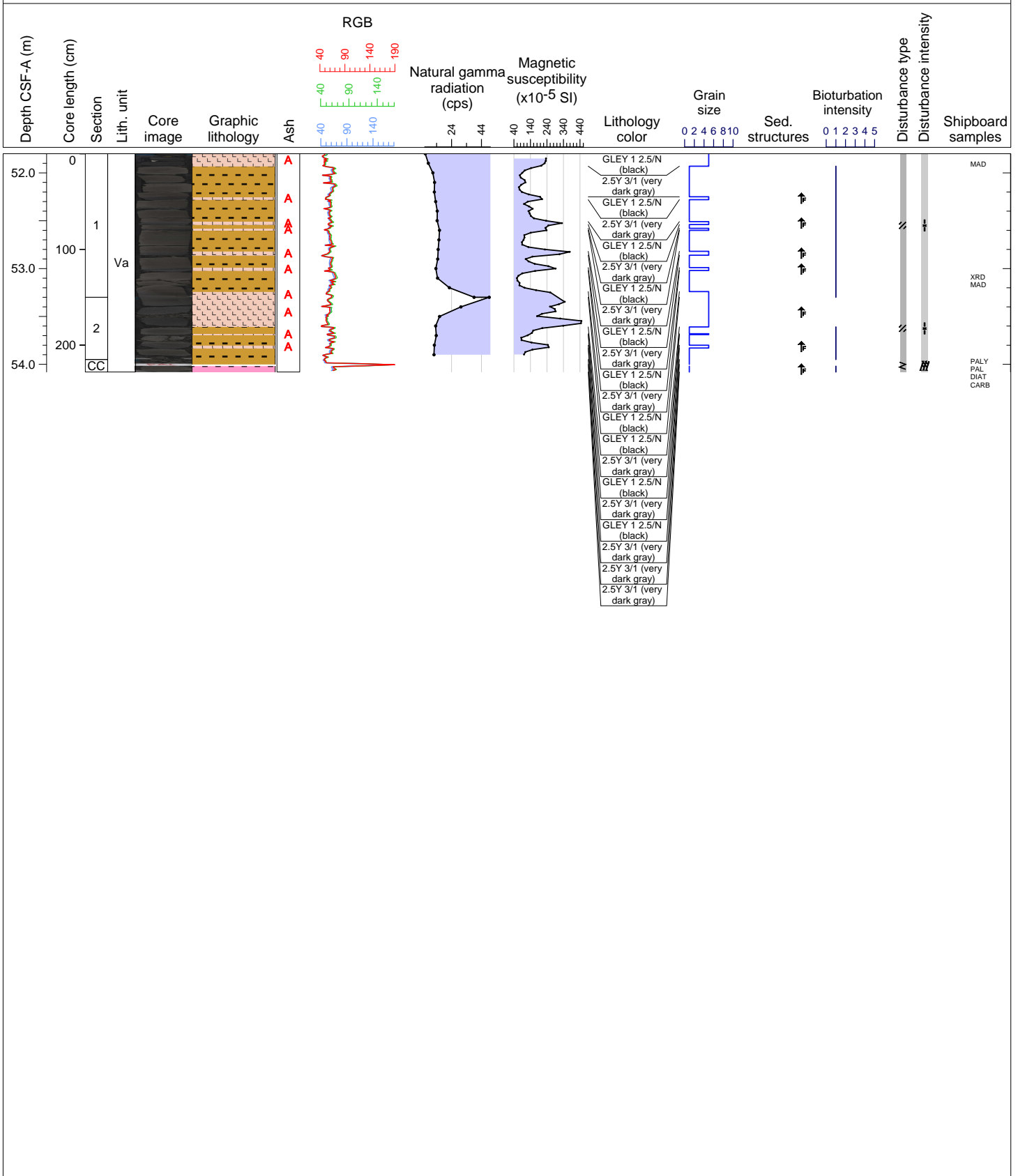
Hole 396-U1570D Core 6R, Interval 42.2-44.22 m (CSF-A)

Core 6 consists of an alternation of black (GLEY 1 2.5/N) ASH fining upwards with variable amount of clay, and very dark gray (2.5Y 3/1) CLAYSTONE with silt, with rare parallel laminations and slight bioturbations. The core is moderately fractured to highly fragmented.



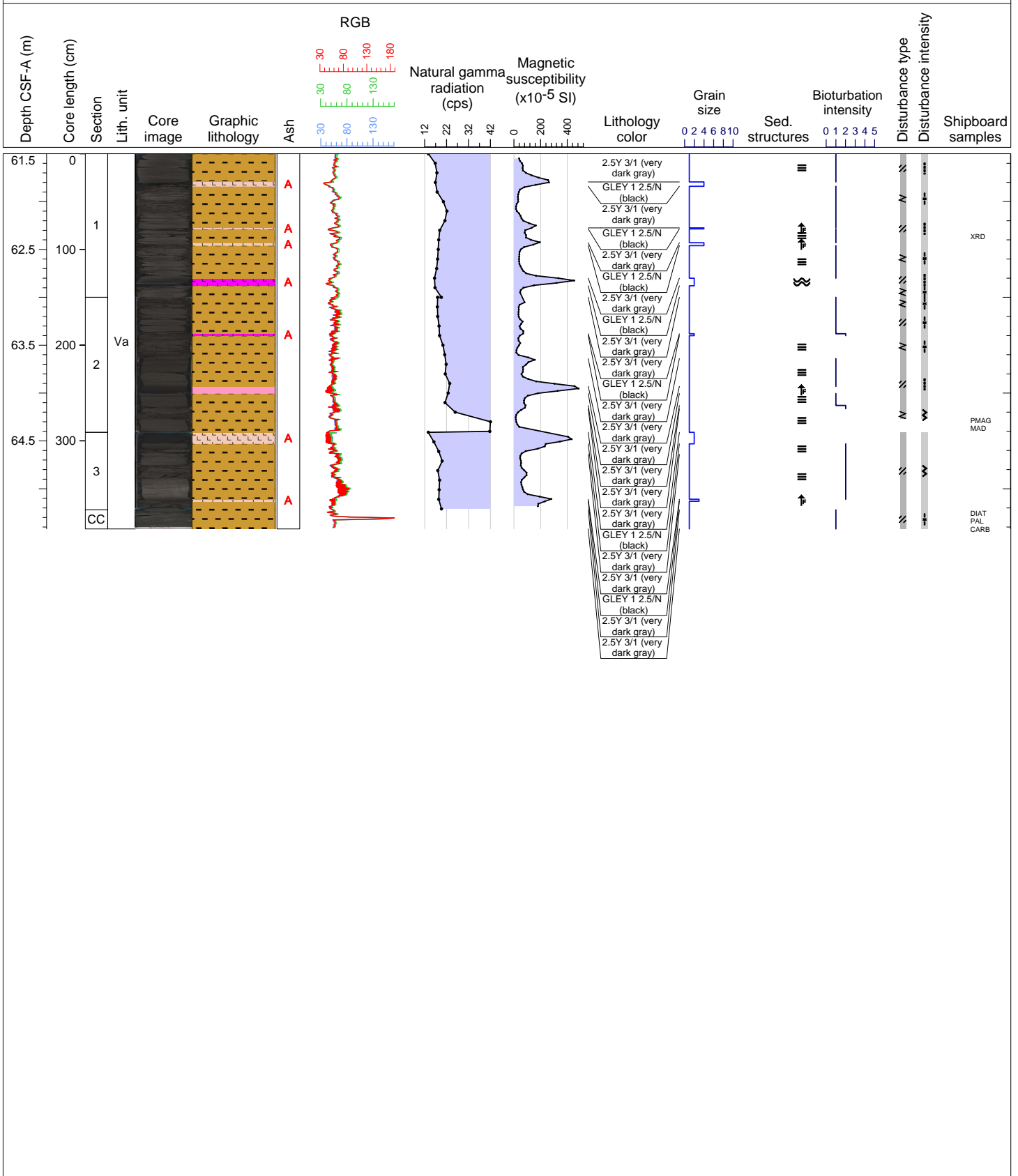
Hole 396-U1570D Core 7R, Interval 51.8-54.08 m (CSF-A)

Core 7 consists of an alternation of black (GLEY 1 2.5/N) ASH locally fining upwards, and very dark gray (2.5Y 3/1) clay rich SILTSTONE and CLAYSTONE with ash and silt, with rare parallel laminations and slight bioturbations. The core is moderately fractured.



Hole 396-U1570D Core 8R, Interval 61.5-65.42 m (CSF-A)

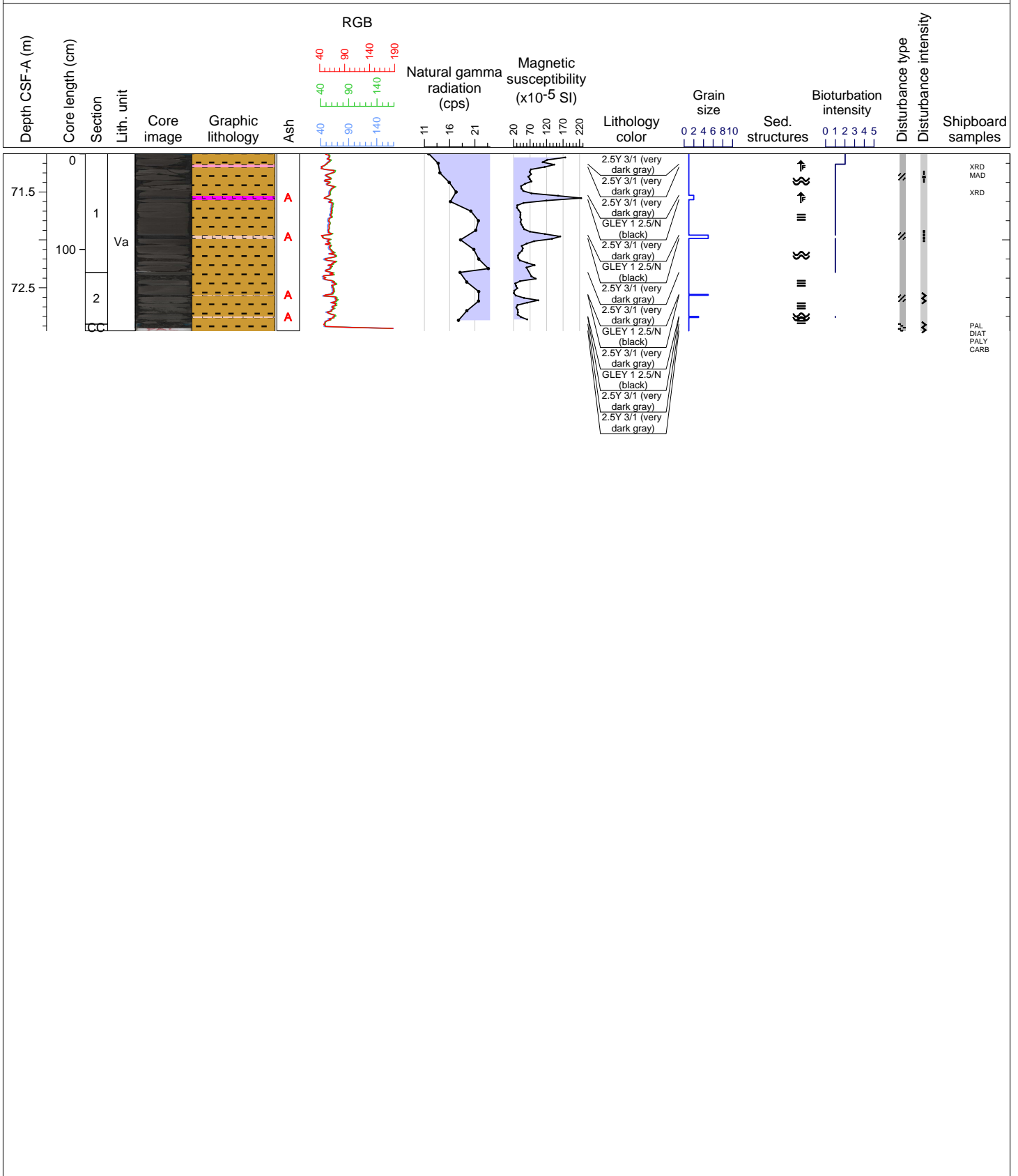
Core 8 consists of an alternation of black (GLEY 1 2.5/N) ASH locally fining upwards, and very dark gray (2.5Y 3/1) CLAYSTONE with silt and ash, with parallel laminations and slight to moderate bioturbations. The core is slightly fractured to moderately fragmented.





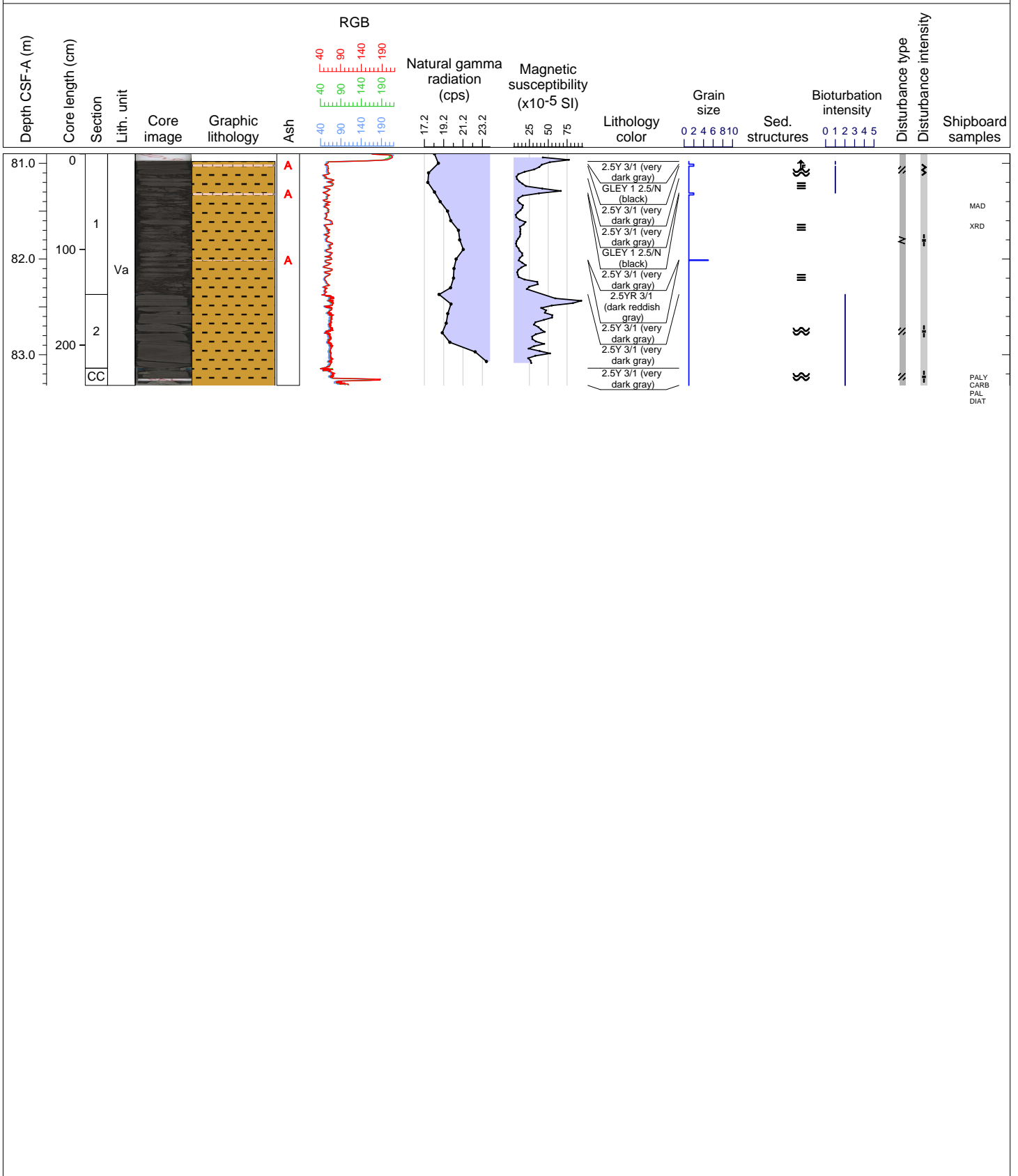
Hole 396-U1570D Core 9R, Interval 71.1-72.95 m (CSF-A)

Core 9 consists of an alternation of black (GLEY 1 2.5/N) ASH locally fining upwards, and very dark gray (2.5Y 3/1) CLAYSTONE with silt and ash, with parallel laminations and slight bioturbations. The core is slightly to highly fractured.



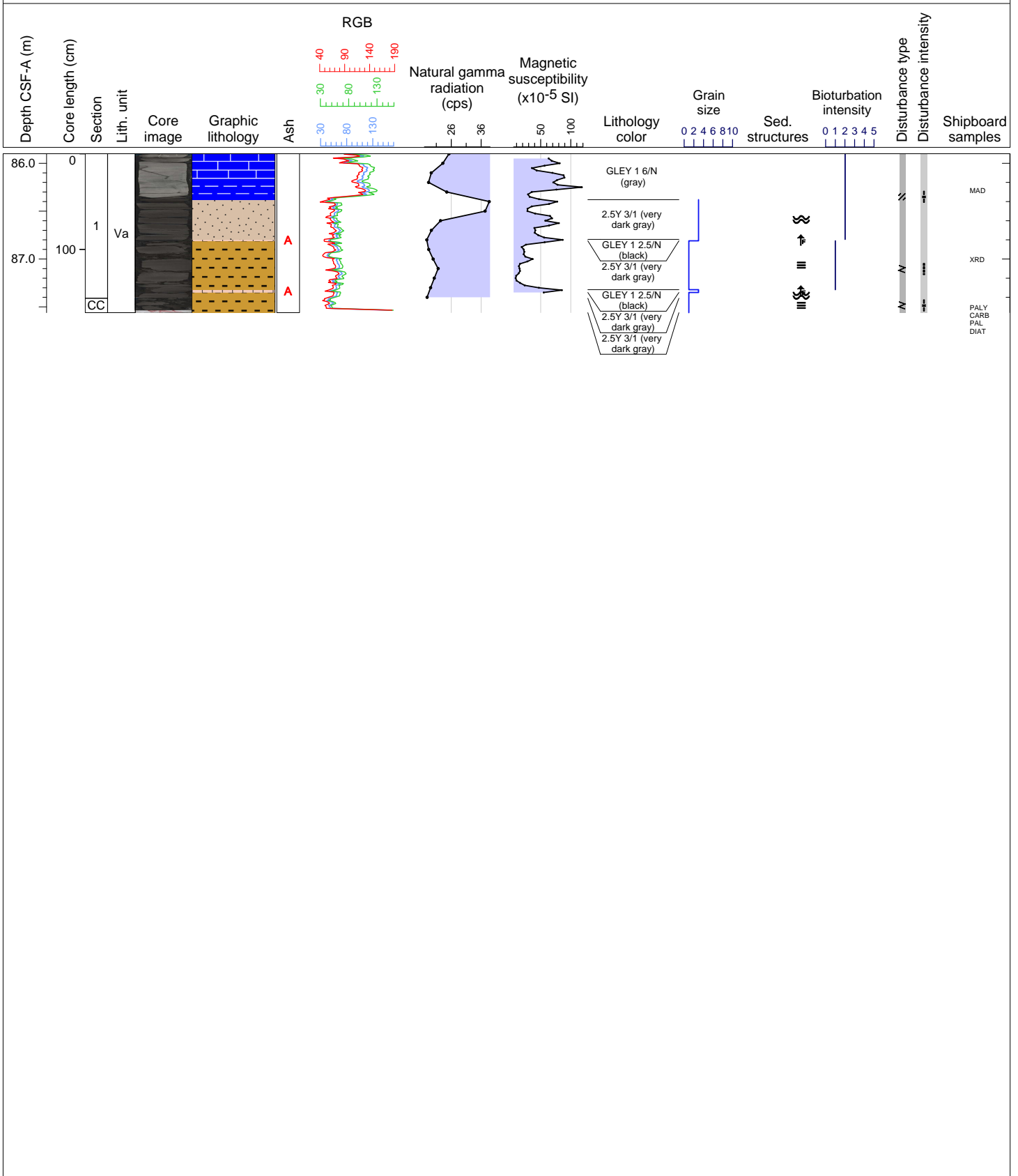
Hole 396-U1570D Core 10R, Interval 80.9-83.32 m (CSF-A)

Core 10 consists of an alternation of black (GLEY 1 2.5/N) ASH, and very dark gray (2.5Y 3/1) CLAYSTONE with silt and ash, with parallel laminations and slight to moderate bioturbations downhole. One thin layer of ASH is dark reddish gray (2.5YR 3/1). The core is fractured to fragmented.



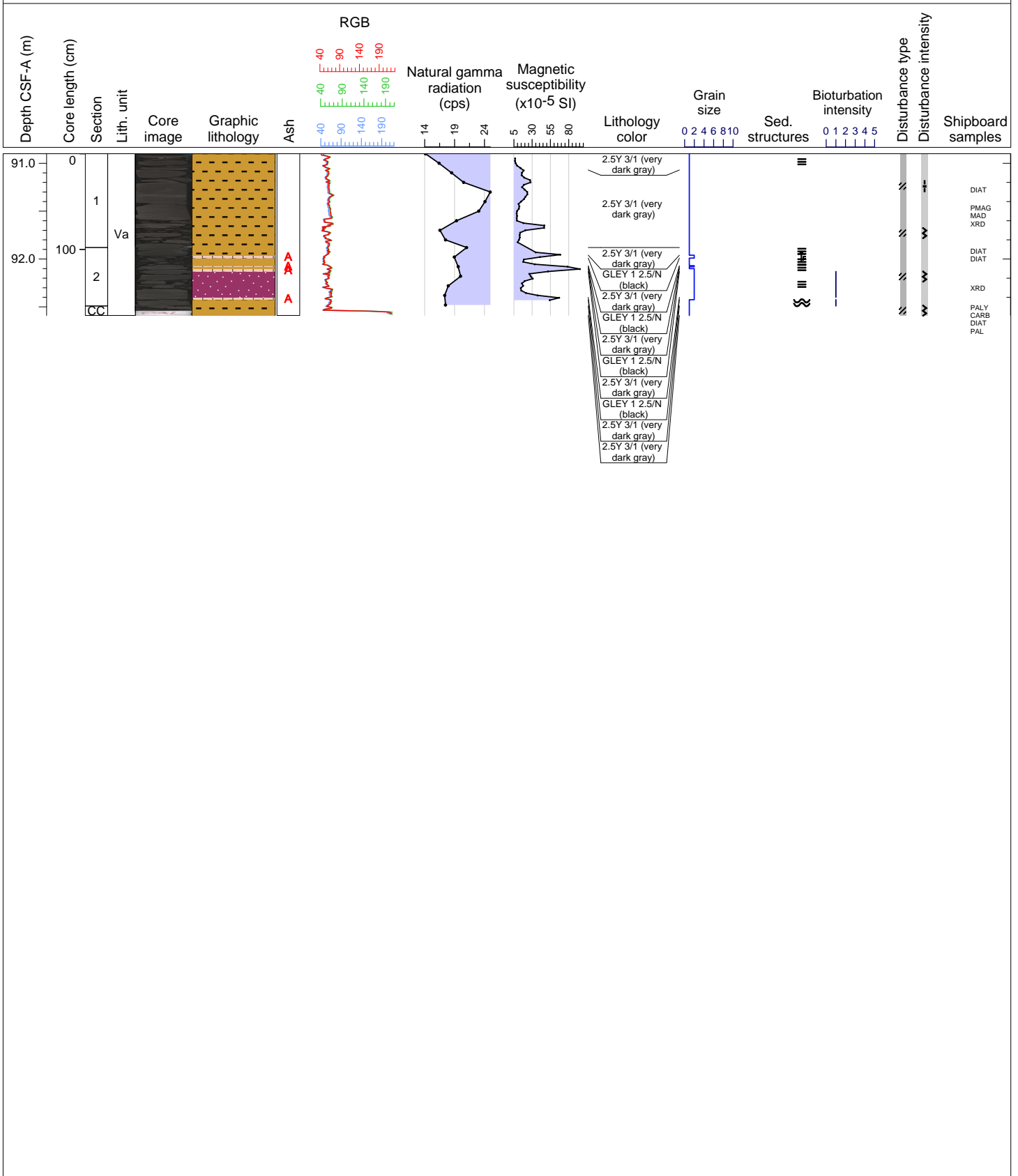
Hole 396-U1570D Core 11R, Interval 85.9-87.56 m (CSF-A)

Core 11 consists of an alternation of black (GLEY 1 2.5/N) ASH with clay, and very dark gray (2.5Y 3/1) CLAYSTONE with silt and SILTSTONE with ash, with parallel or wavy laminations. The top of the core shows moderate bioturbations. The core is fractured to fragmented.



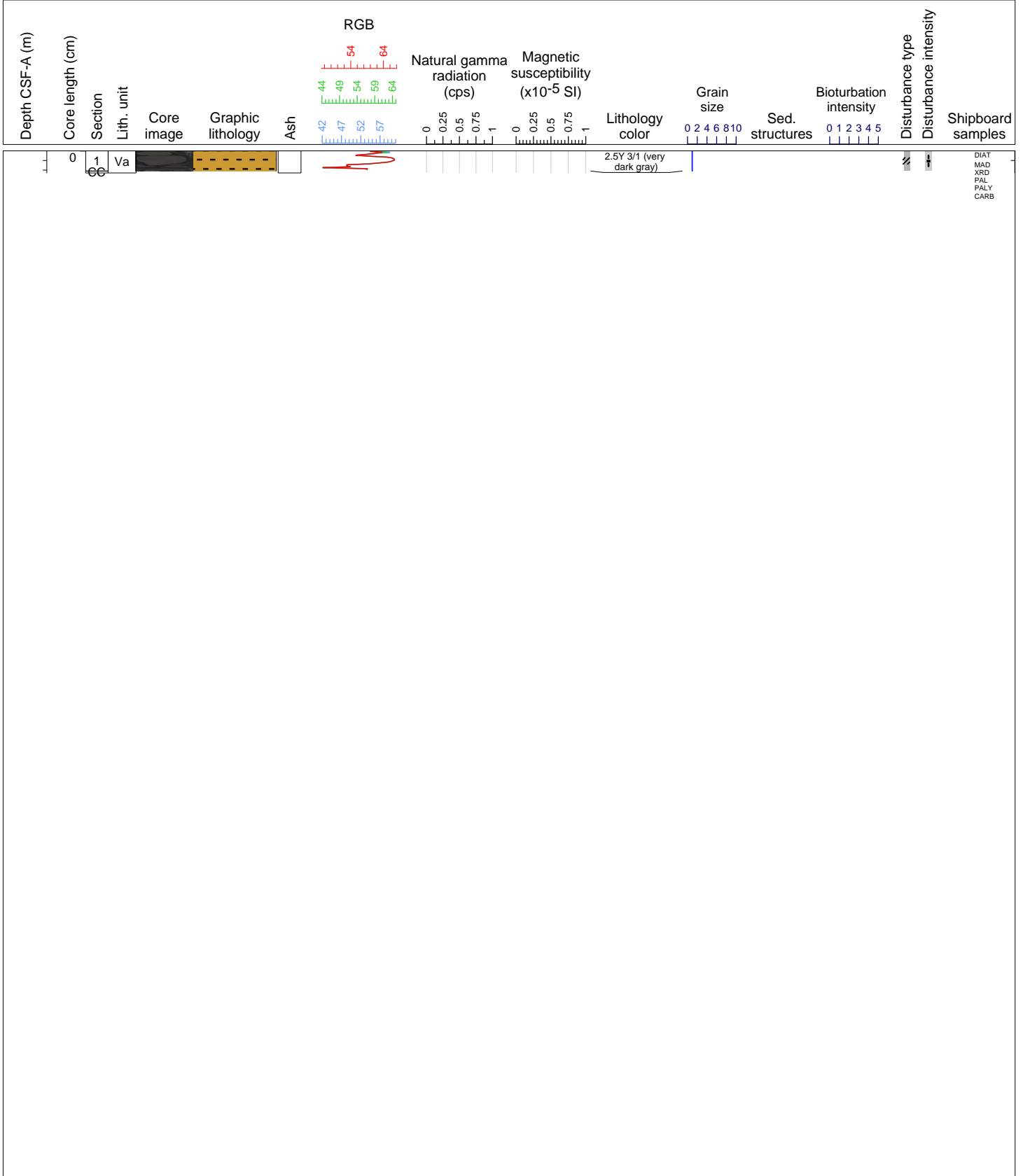
Hole 396-U1570D Core 12R, Interval 90.9-92.59 m (CSF-A)

Core 12 consists of an alternation of black (GLEY 1 2.5/N) ASH with clay, and very dark gray (2.5Y 3/1) CLAYSTONE with silt, with parallel laminations. The core is moderately to highly fractured.



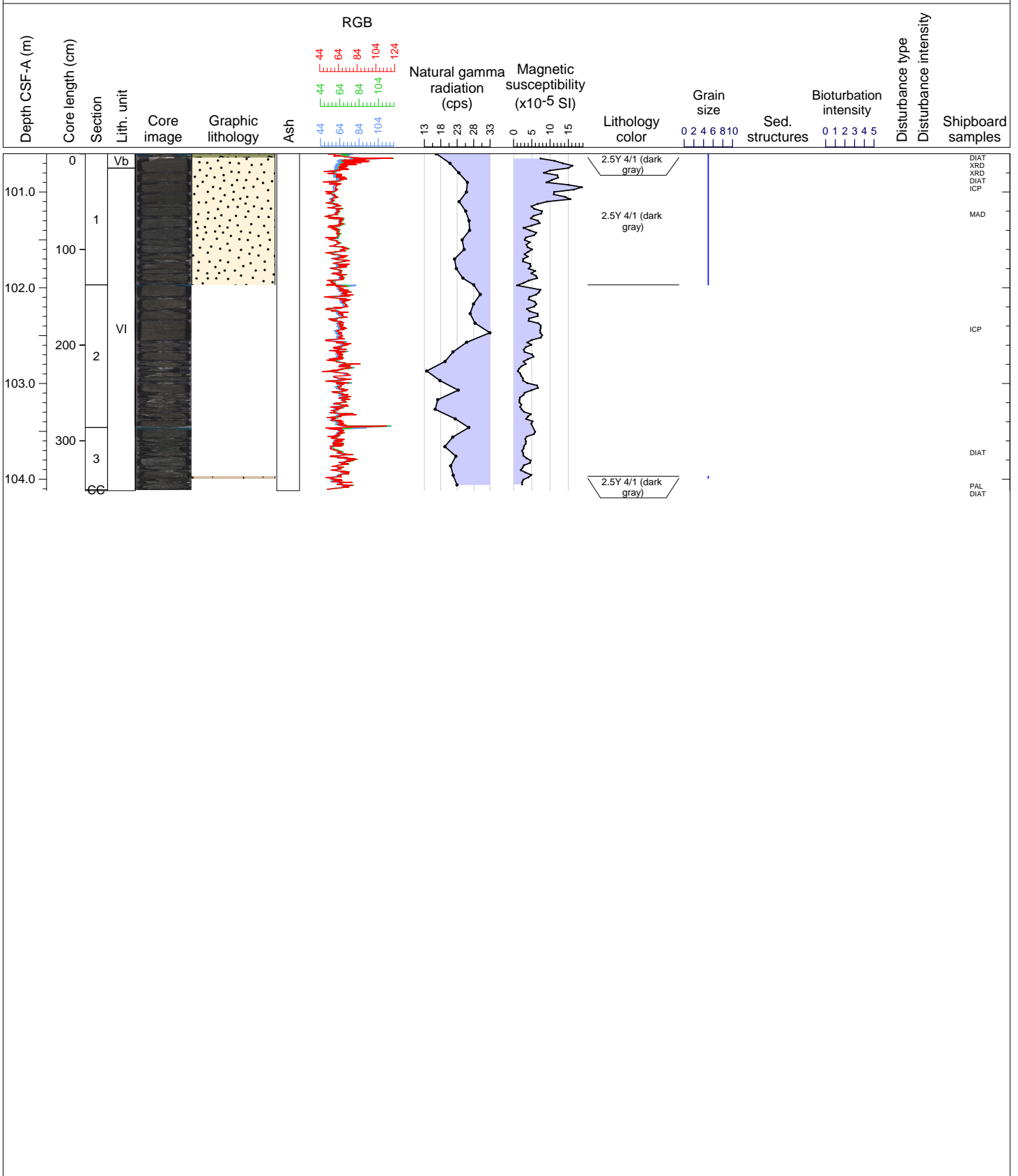
Hole 396-U1570D Core 13R, Interval 95.7-95.93 m (CSF-A)

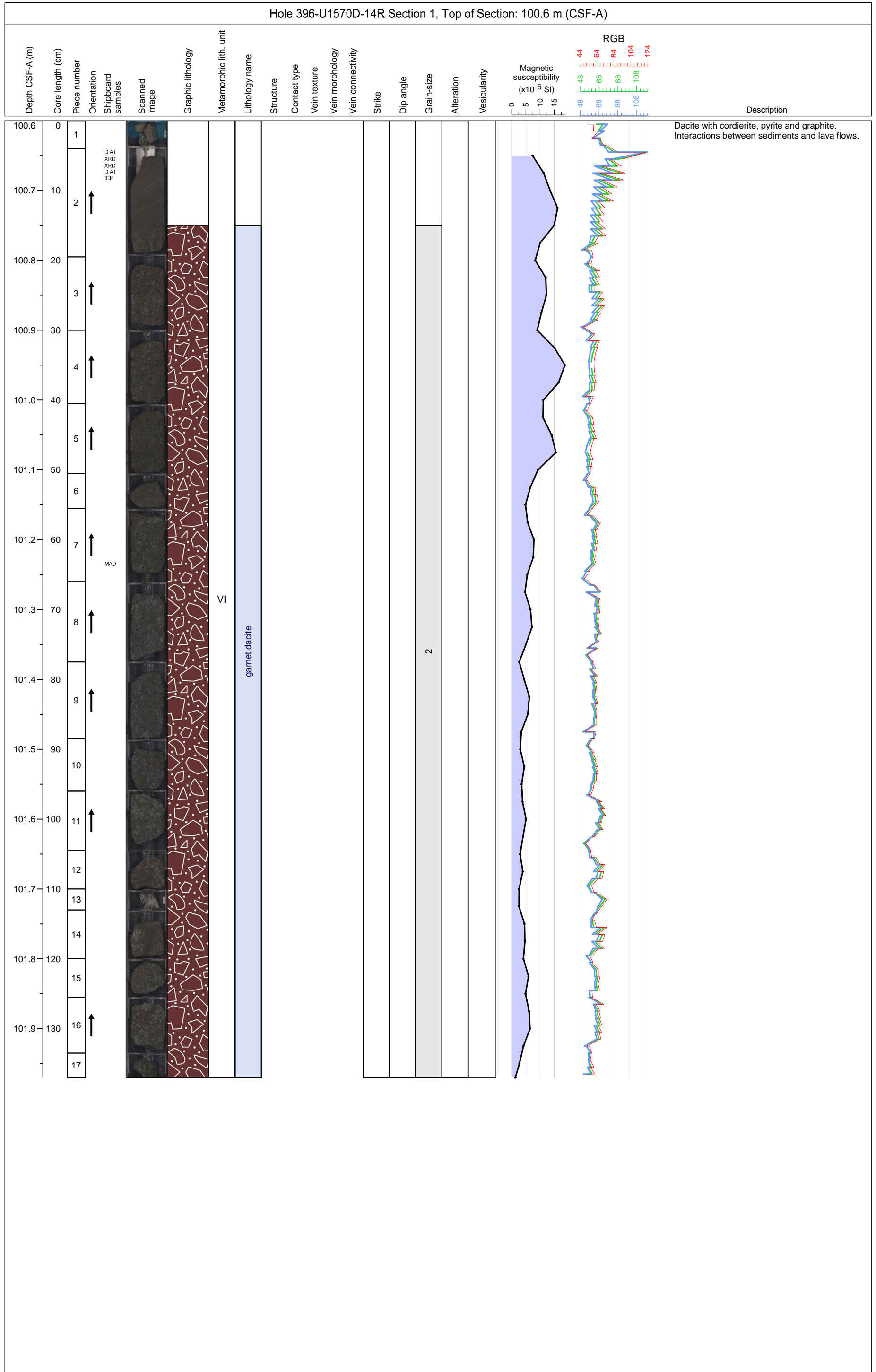
Core 13 recovery is very low. The core is moderately fractured and consists of 21 cm of very dark gray (2.5Y 3/1) CLAYSTONE with silt.

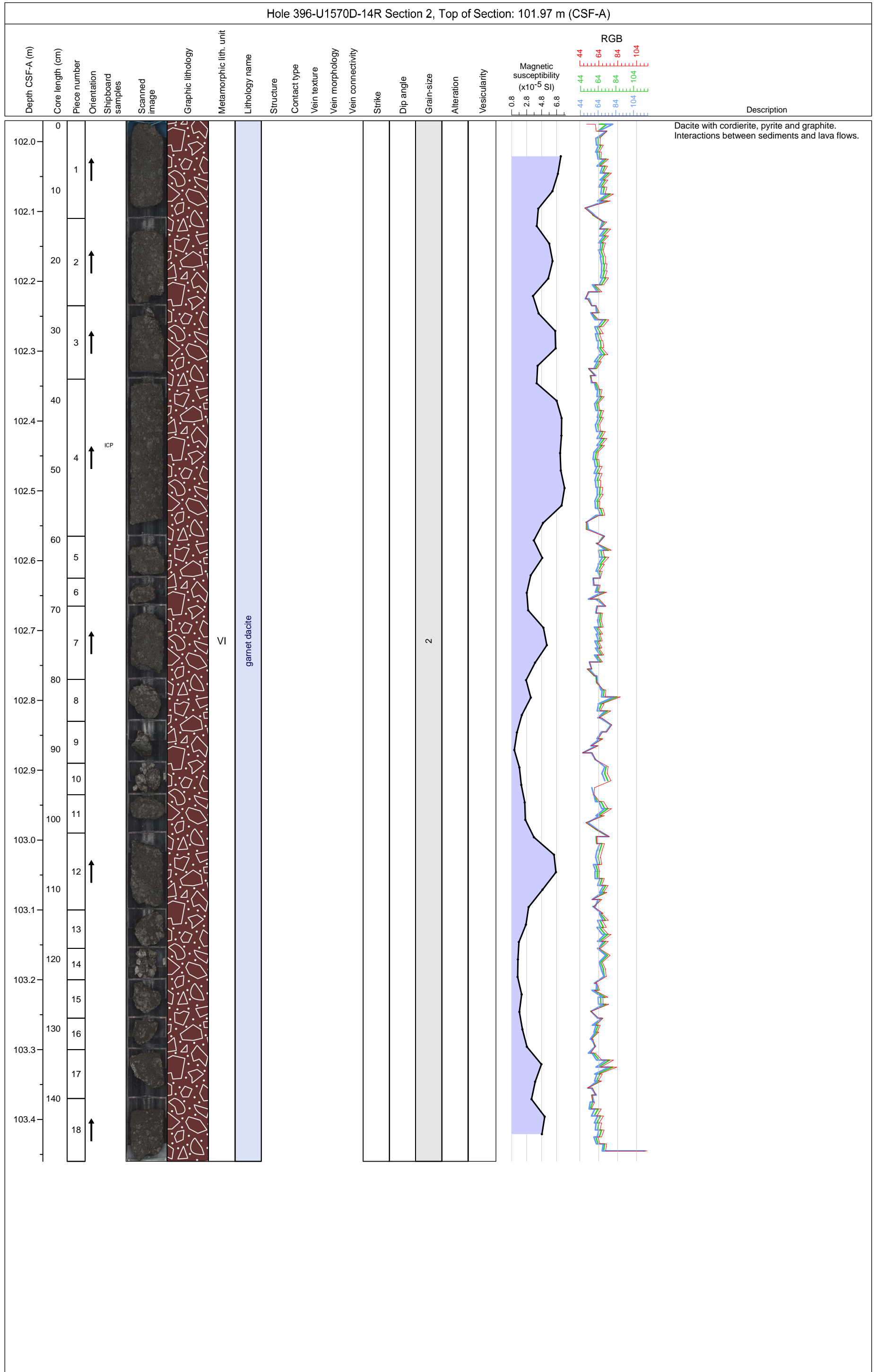


Hole 396-U1570D Core 14R, Interval 100.6-104.12 m (CSF-A)

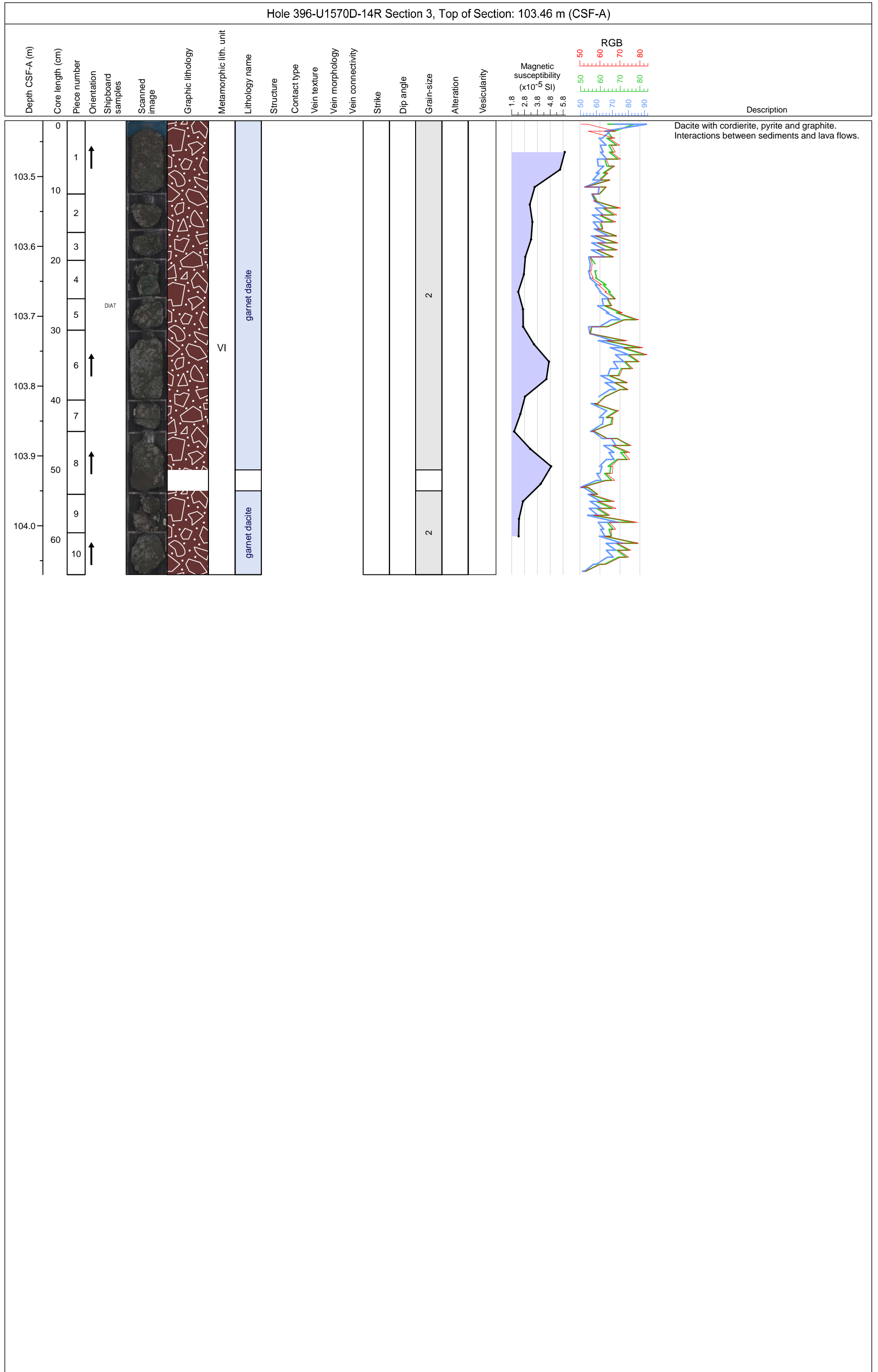
Core 14 consists of dark gray (2.5 Y 4/1) SANDSTONE with silt, overlying with a baked contact glassy garnet cordierite DACITE with graphite lava flow, partly mixed with dark gray (2.5Y 4/1) silt rich SANDSTONE. The DACITE also contains pyrite.





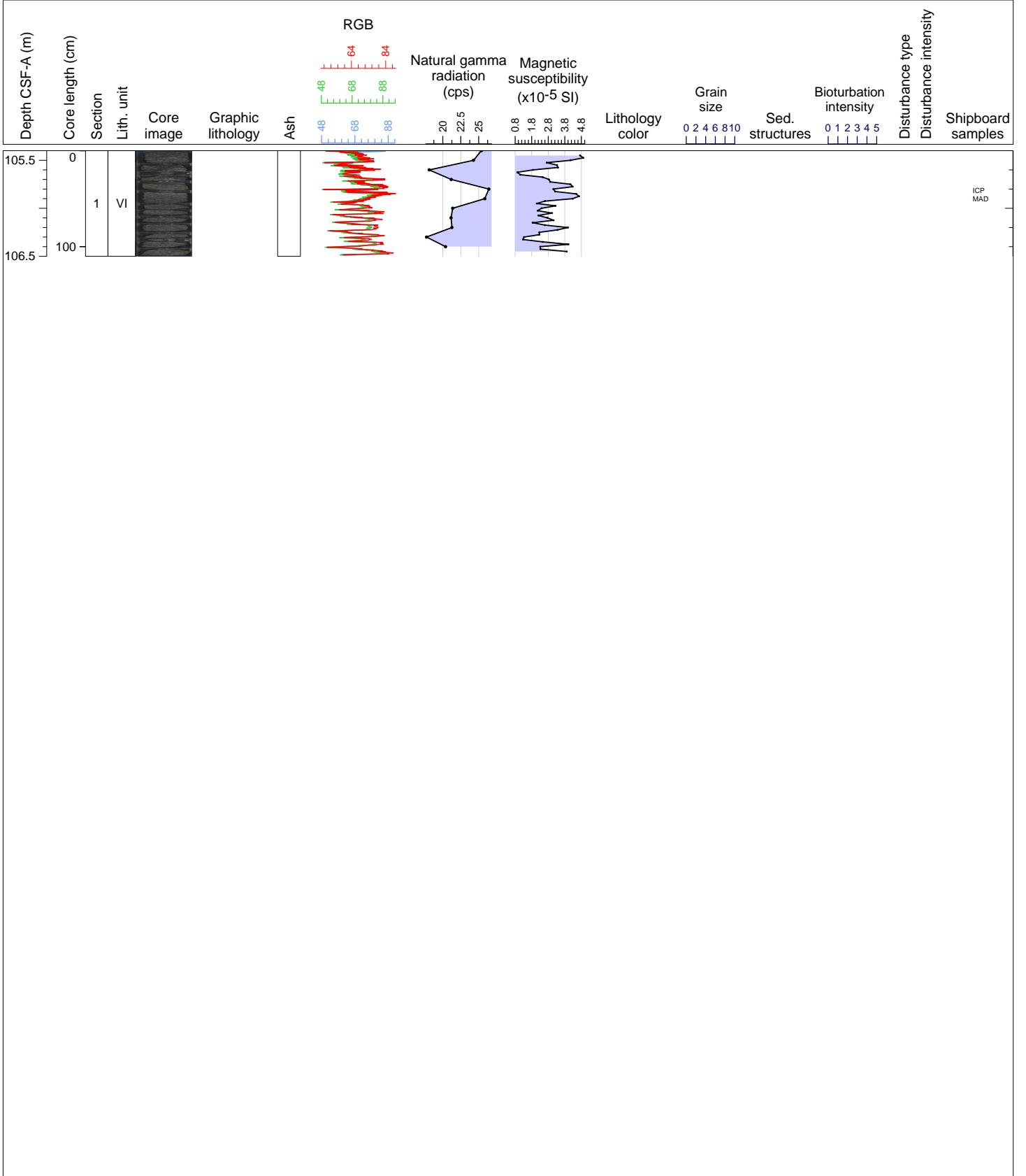


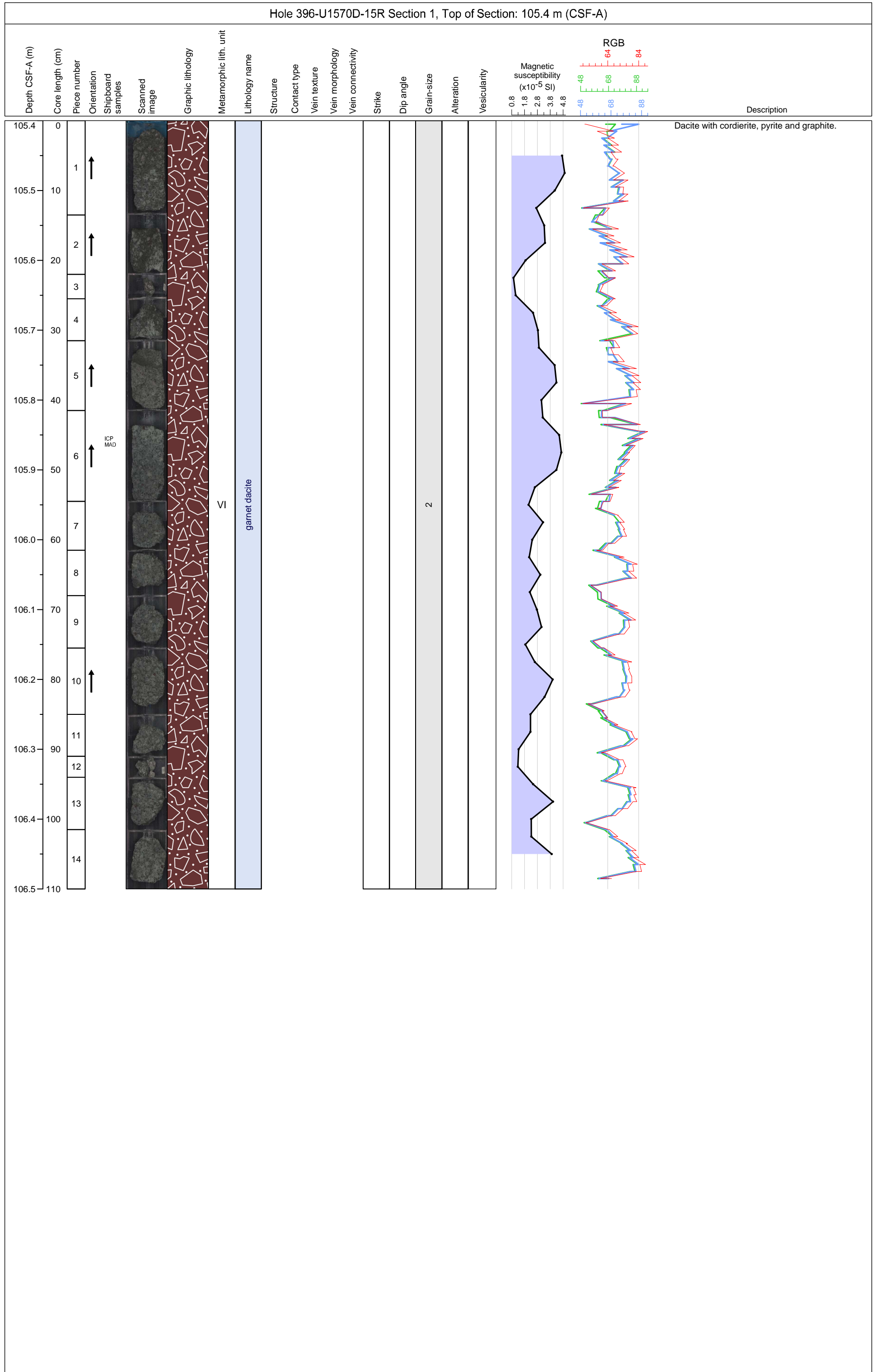




Hole 396-U1570D Core 15R, Interval 105.4-106.5 m (CSF-A)

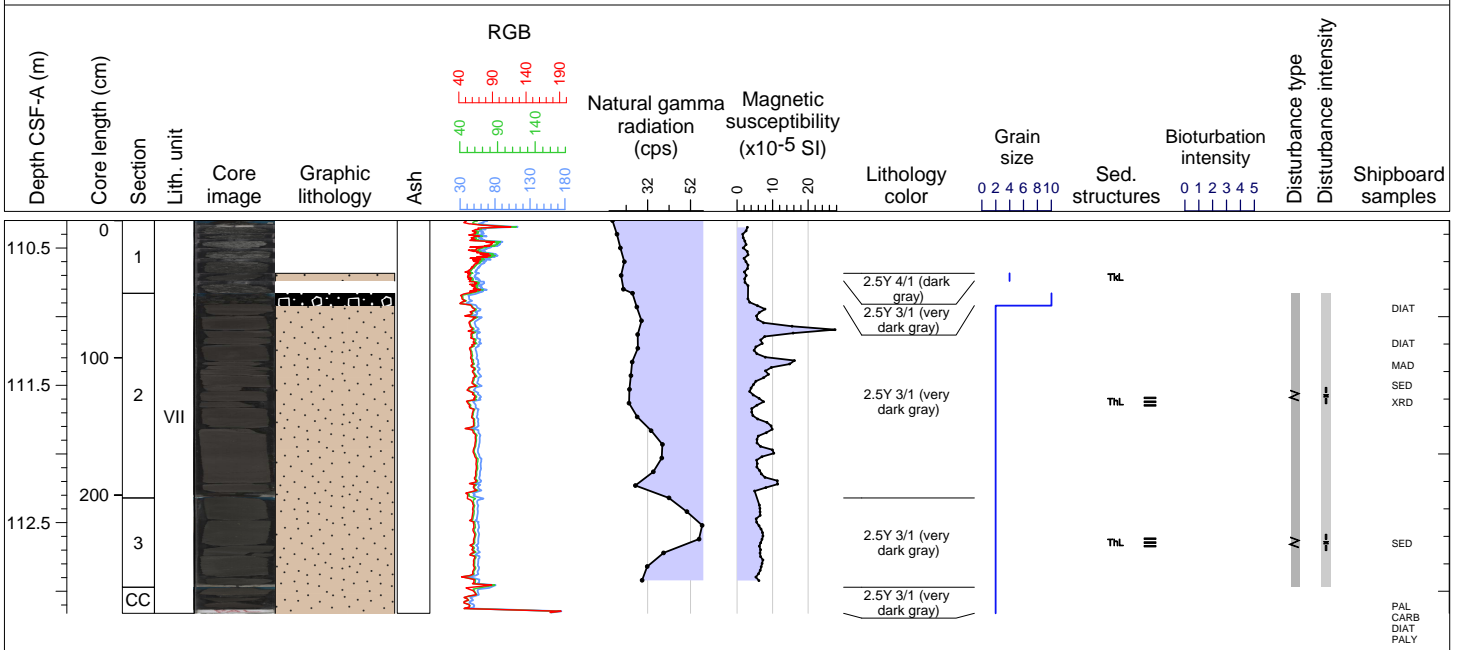
Core 15 consists of glassy garnet cordierite DACITE with graphite with a baked contact on top. The DACITE also contains pyrite.

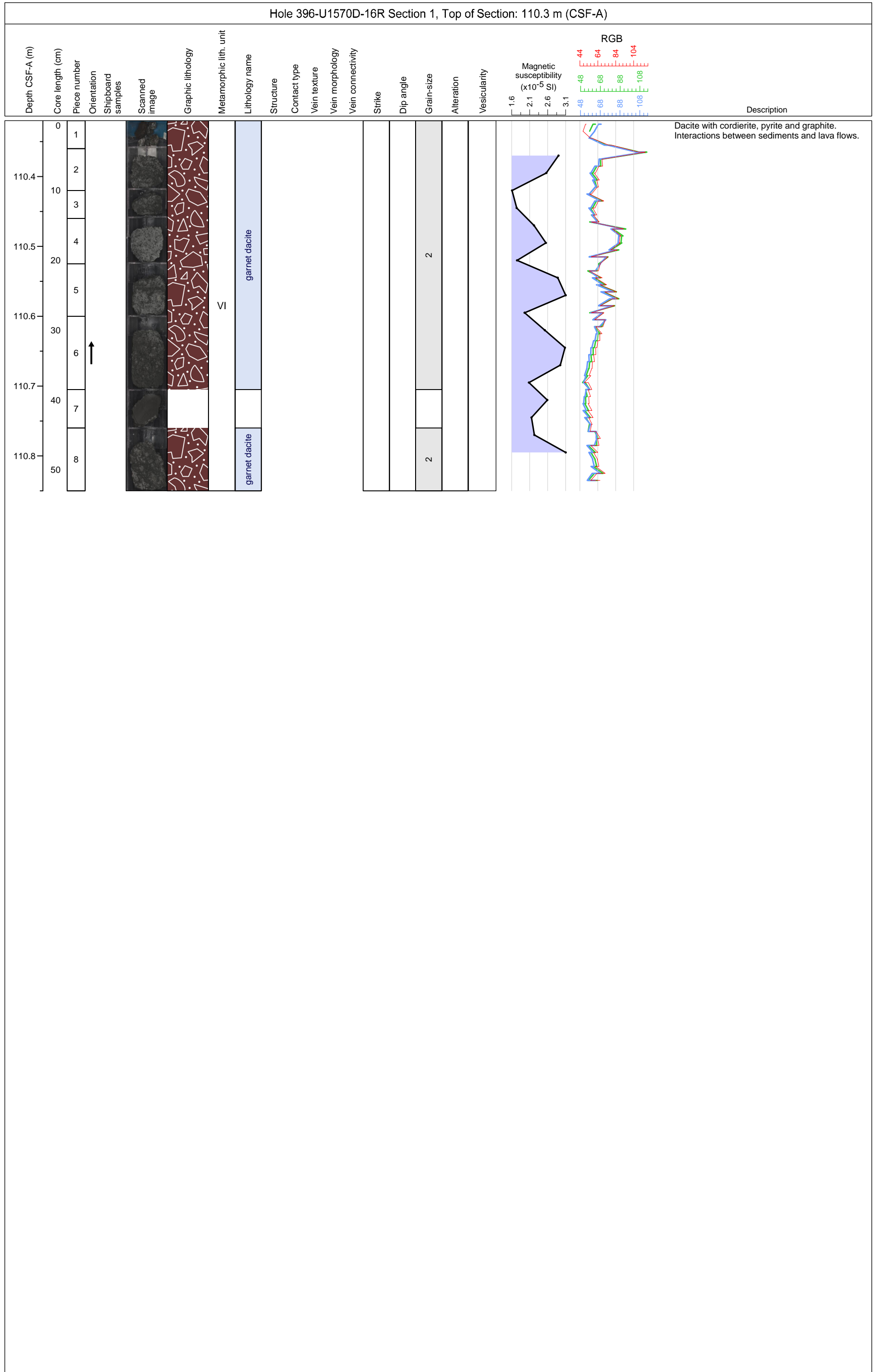




Hole 396-U1570D Core 16R, Interval 110.3-113.16 m (CSF-A)

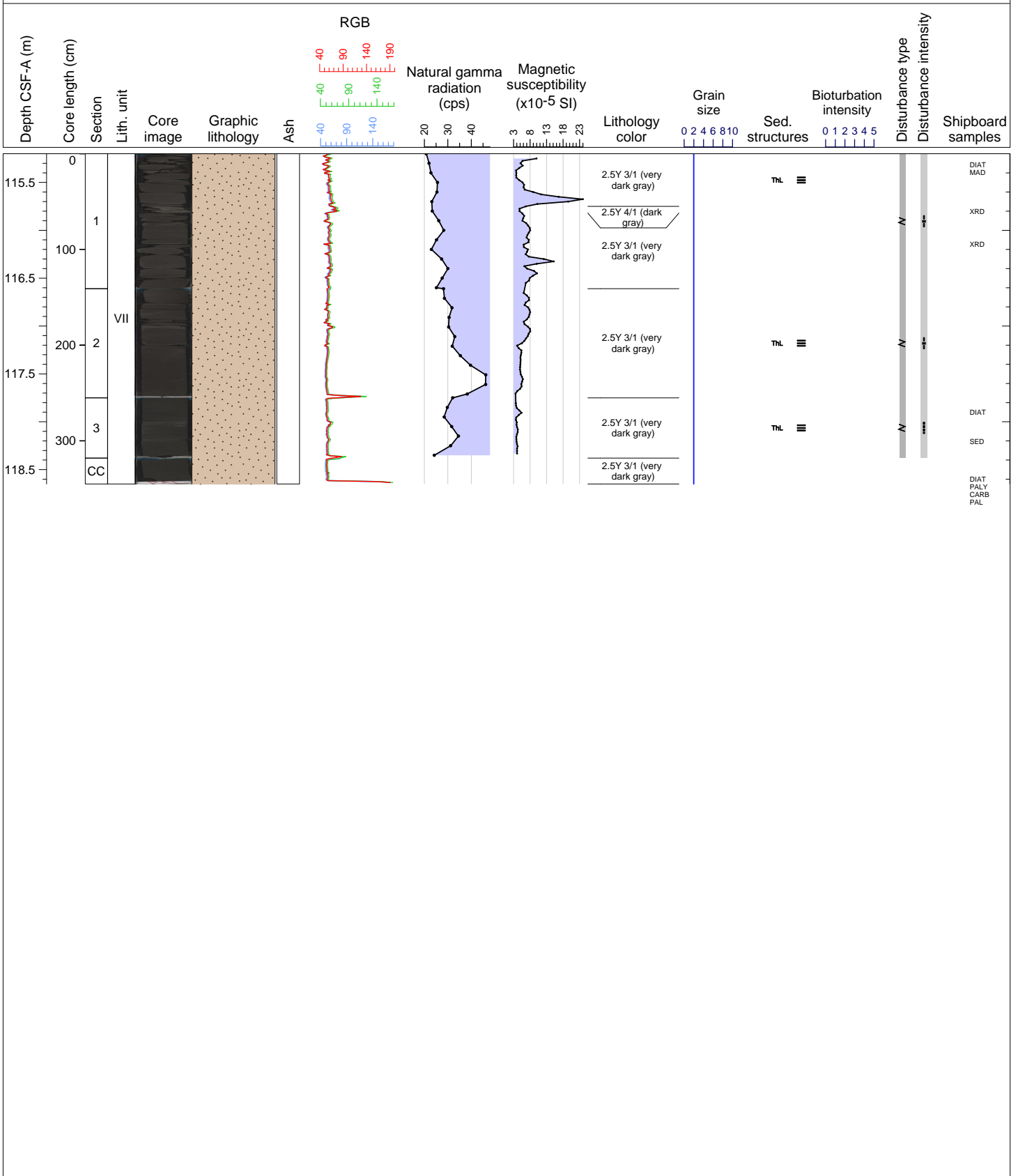
The top of 44cm of core 16 consists of glassy garnet cordierite DACITE in contact with dark gray (2.5Y 4/1) sand rich SILTSTONE with thick laminations. The rest of the core consists of very dark gray (2.5Y 3/1) SILTSTONE with ash. Pyrite is observed both in the DACITE and in the SILTSTONE. Sections 2 and 3 are moderately fragmented.





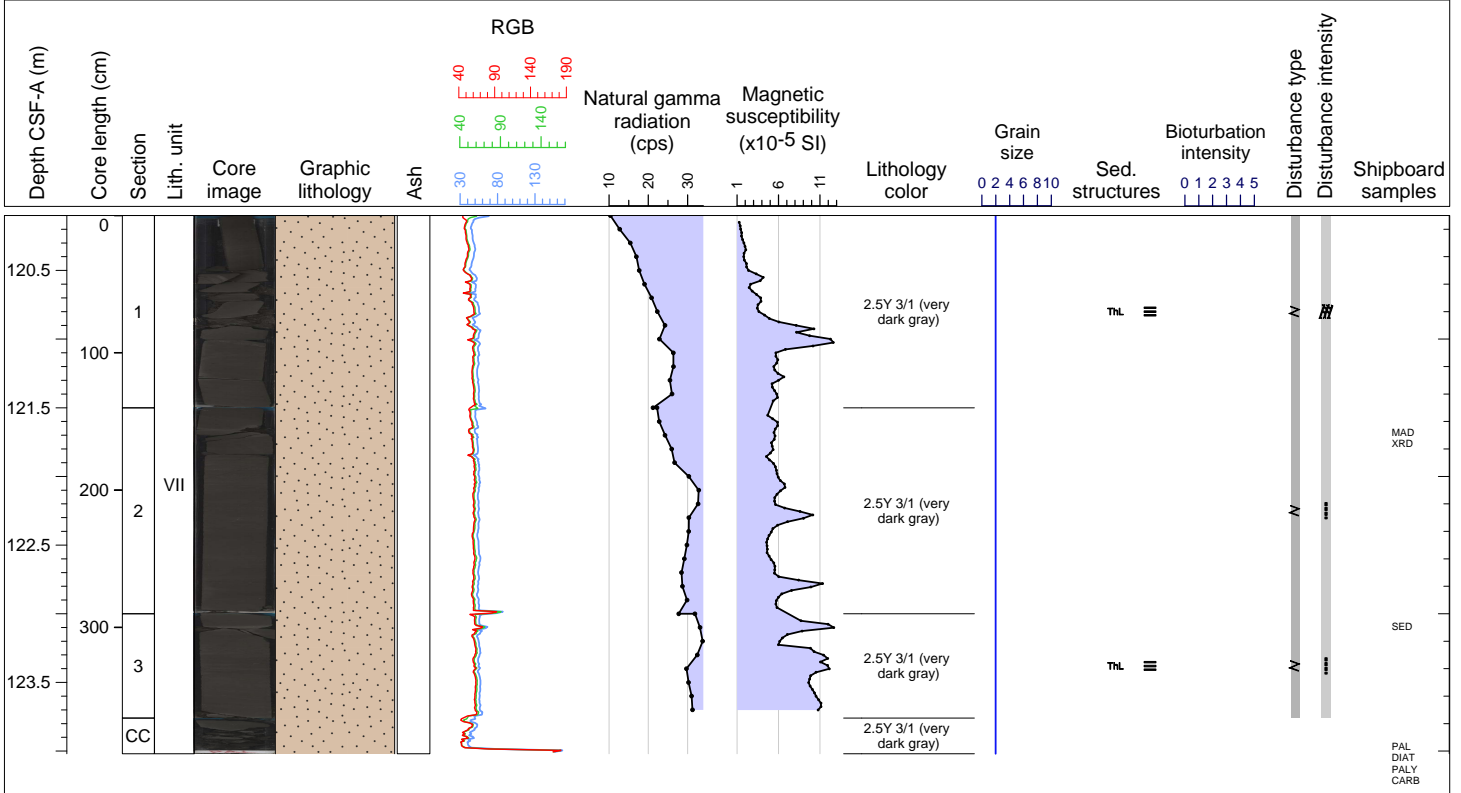
Hole 396-U1570D Core 17R, Interval 115.2-118.65 m (CSF-A)

Core 17 consists of very dark gray (2.5Y 3/1) SILTSTONE with ash with common thin parallel laminations and dewatering structures. Small amount of pyrite is observed in section 2. The core is moderately fragmented.



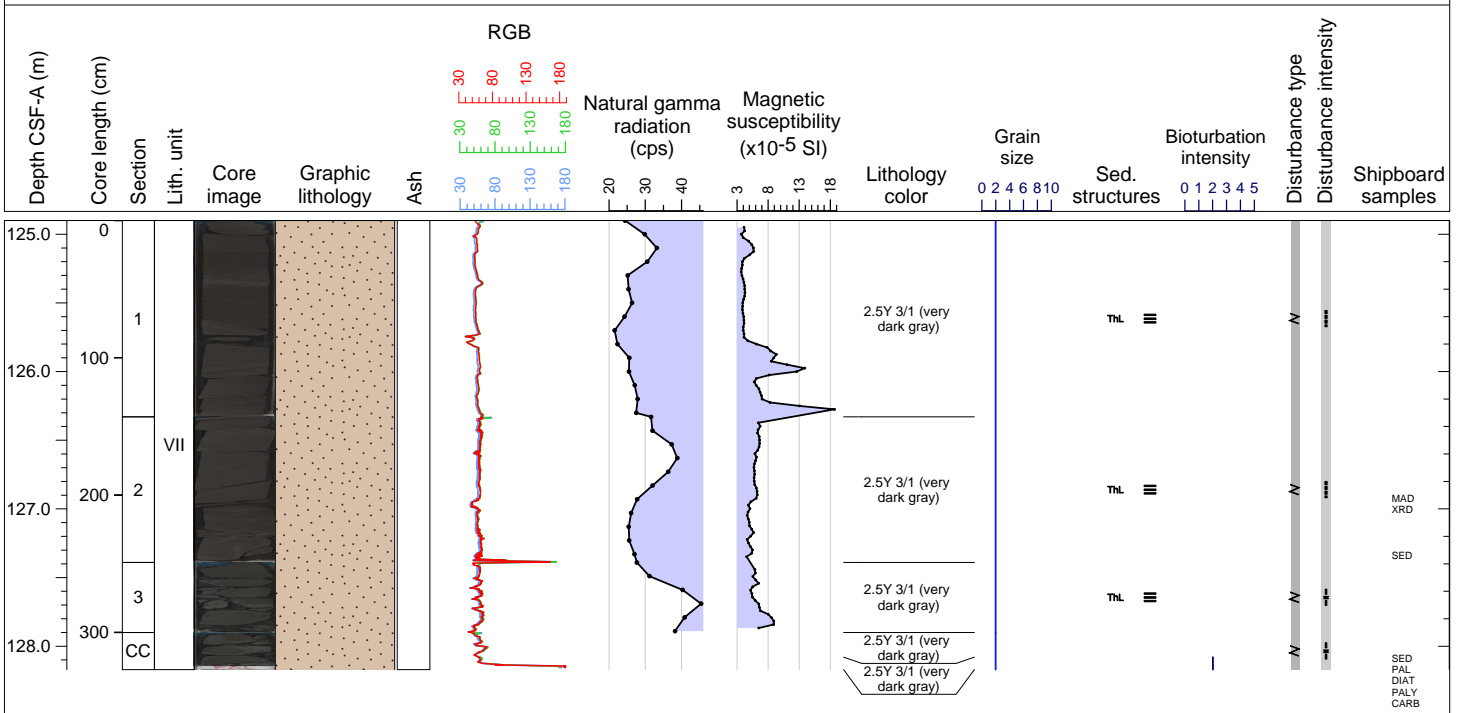
Hole 396-U1570D Core 18R, Interval 120.1-124.02 m (CSF-A)

Core 18 consists of very dark gray (2.5Y 3/1) SILTSTONE with ash with common thin parallel laminations and dewatering structures and presence of pyrite. The core is slightly fragmented.



Hole 396-U1570D Core 19R, Interval 124.9-128.17 m (CSF-A)

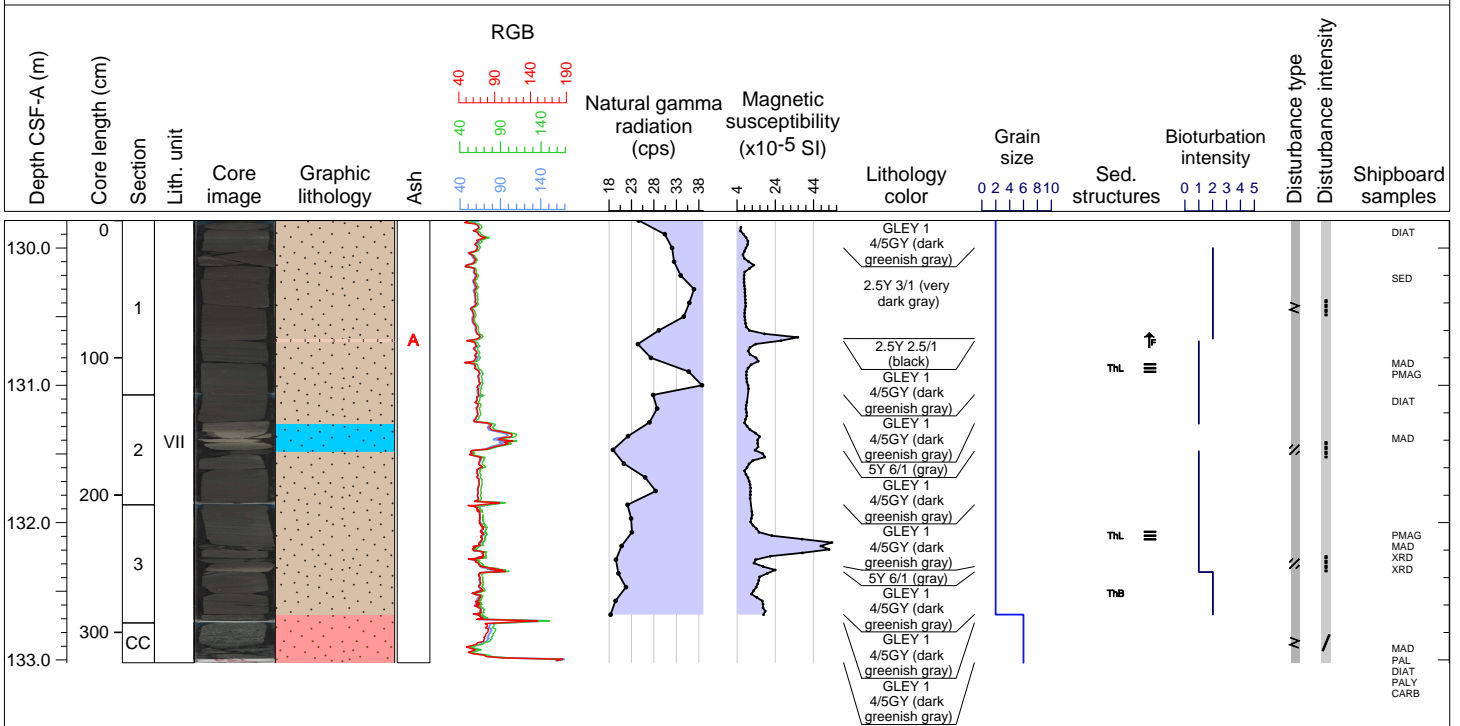
Core 19 consists of very dark gray (2.5Y 3/1) SILTSTONE with ash with common thin parallel laminations, rare dewatering structures, and presence of pyrite. The core is slightly fragmented.





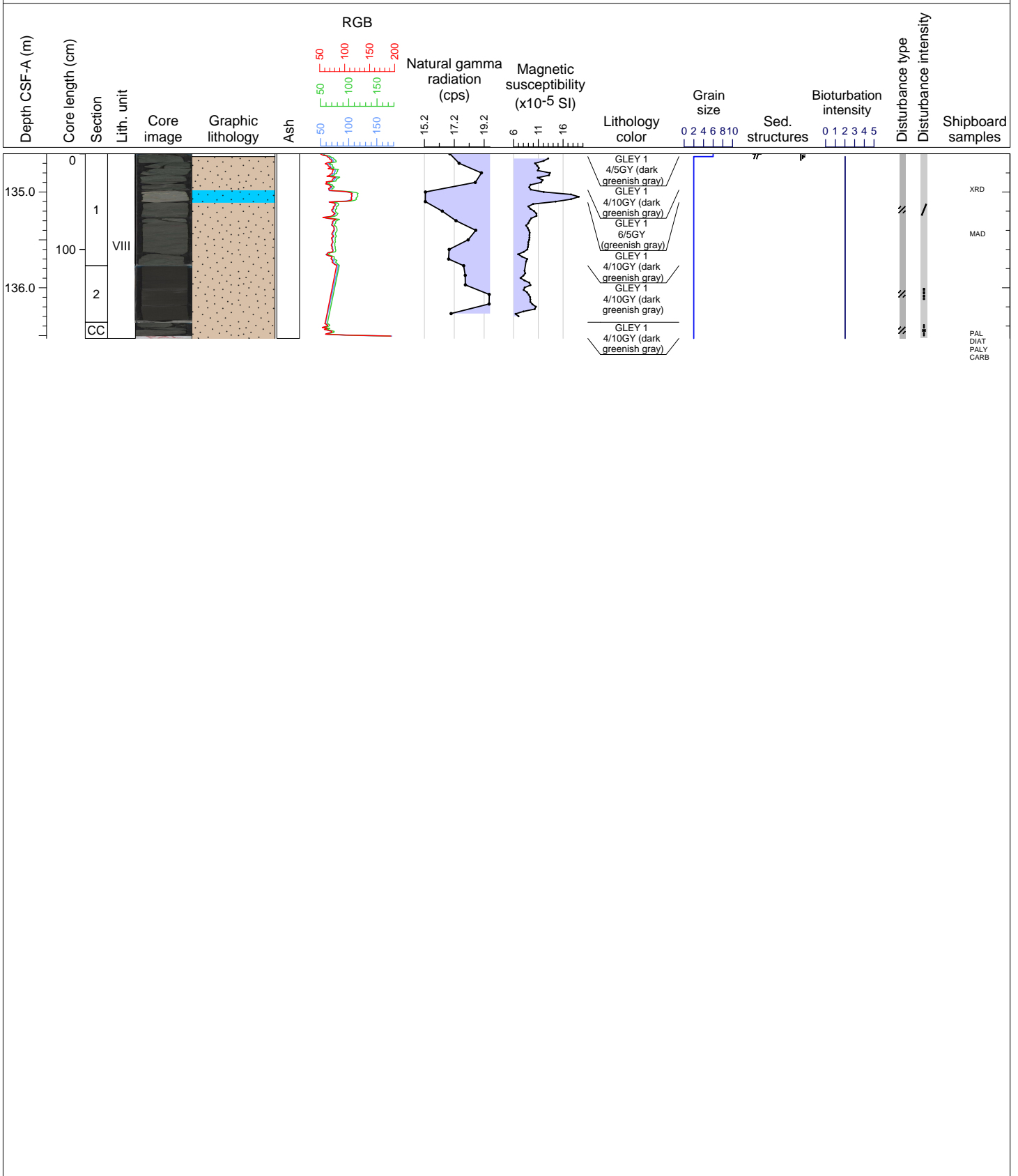
Hole 396-U1570D Core 20R, Interval 129.8-133.02 m (CSF-A)

Core 20 mostly consists of dark greenish gray (GLE Y 1 4/5GY) SILTSTONE with clay. One 2cm level of black (2.5Y 2.5/1) ASH is observed in section 1. Layers of tuffaceous and carbonaceous SILTSTONE are found in sections 2 and 3, as well as a large fragment of wood. Pyrite is observed throughout the core. Local presence of dewatering structures. The core is slightly fractured.



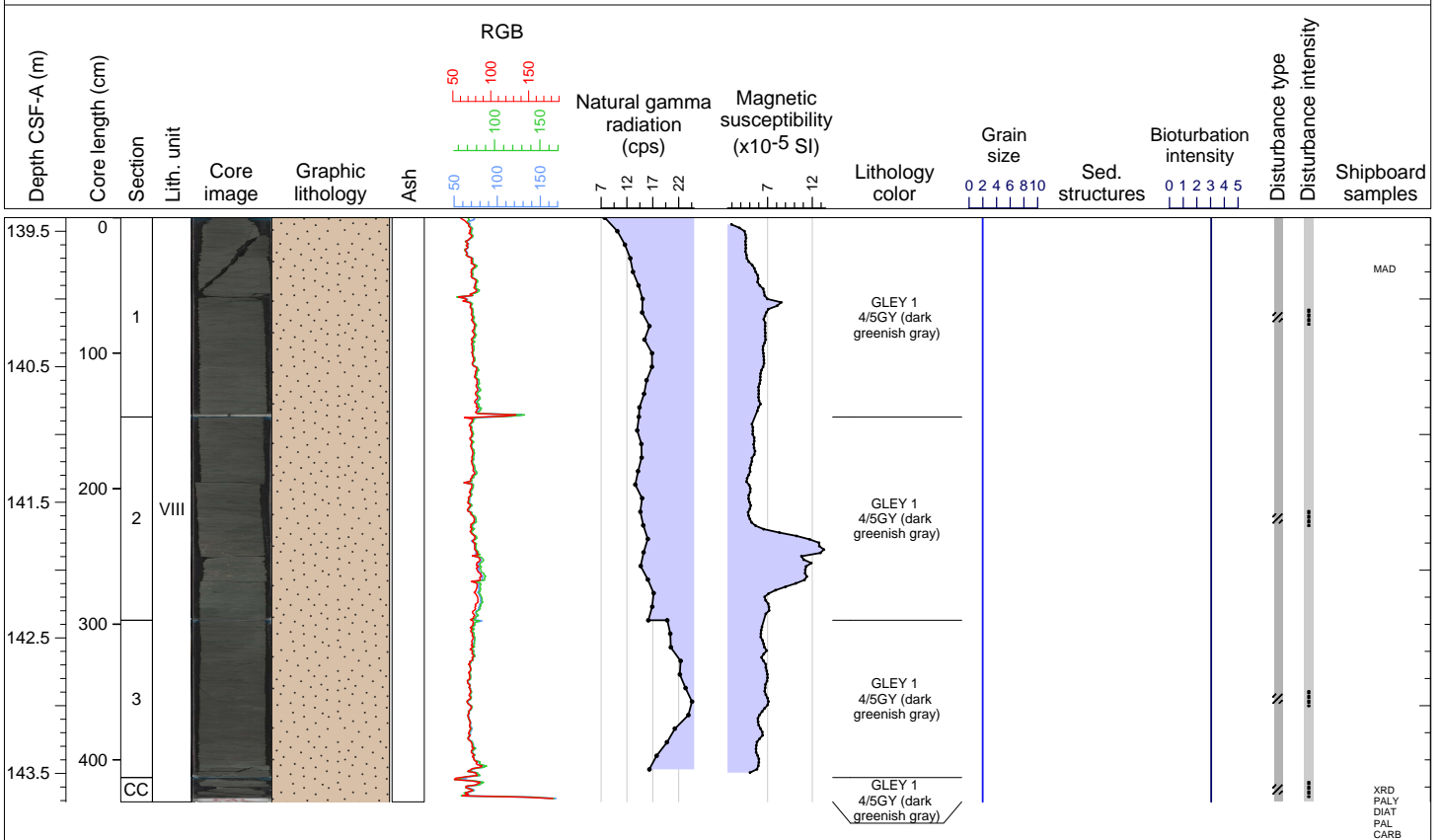
Hole 396-U1570D Core 21R, Interval 134.6-136.53 m (CSF-A)

Core 21 consists of dark greenish gray (GLEY 1 4/10GY) SILTSTONE with clay. Section 1 is overlaid by a 3cm layer of TUFF and also contains a layer of greenish gray (GLEY 1 6/5GY) carbonaceous SILTSTONE. The core shows moderate bioturbations. The core is slightly fractured.



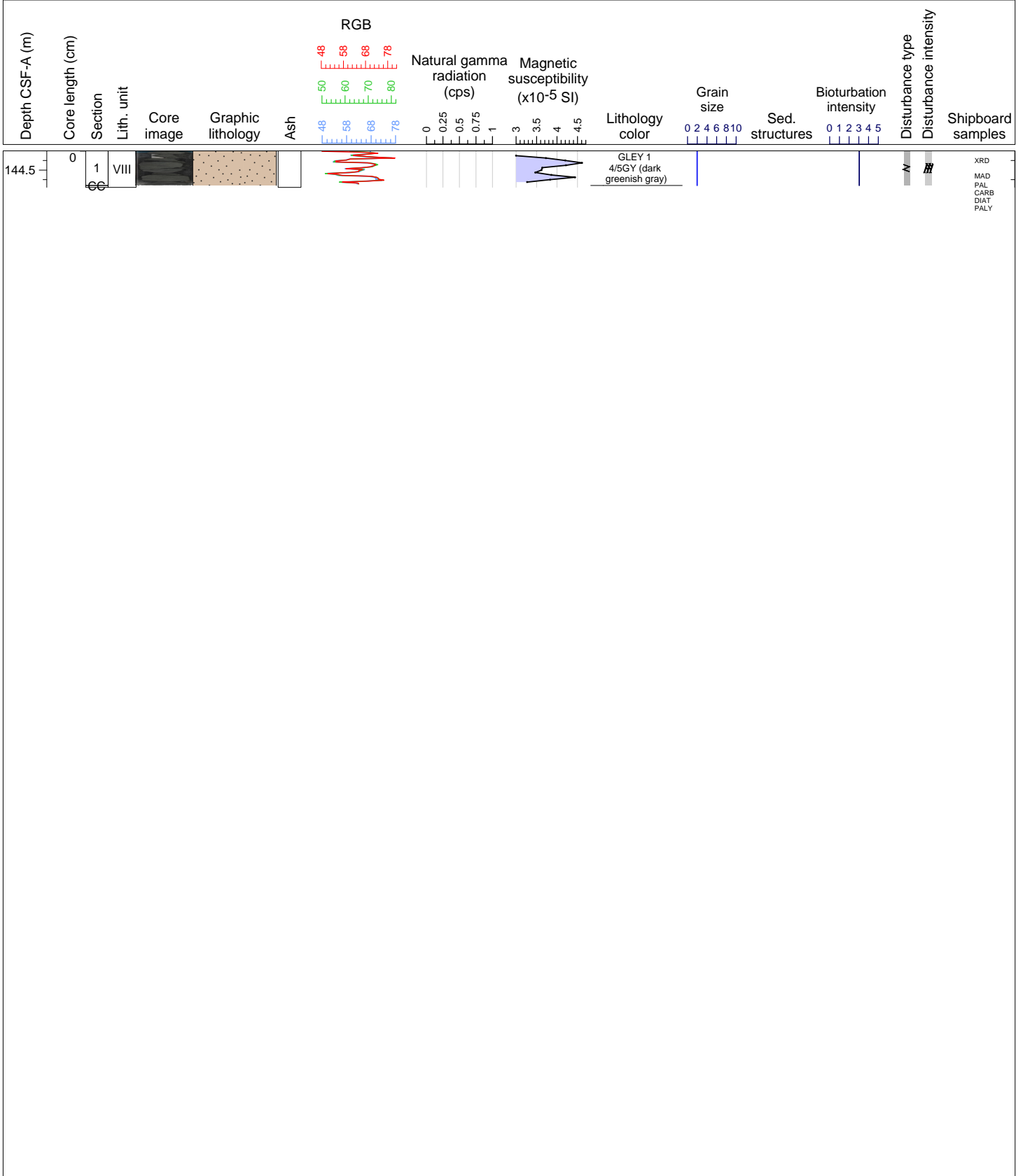
Hole 396-U1570D Core 22R, Interval 139.4-143.71 m (CSF-A)

Core 22 consists of dark greenish gray (GLEY 1 4/10GY) SILTSTONE with clay with heavy bioturbations. Small amount of pyrite and a few small normal faults are observed. The core is slightly fractured.



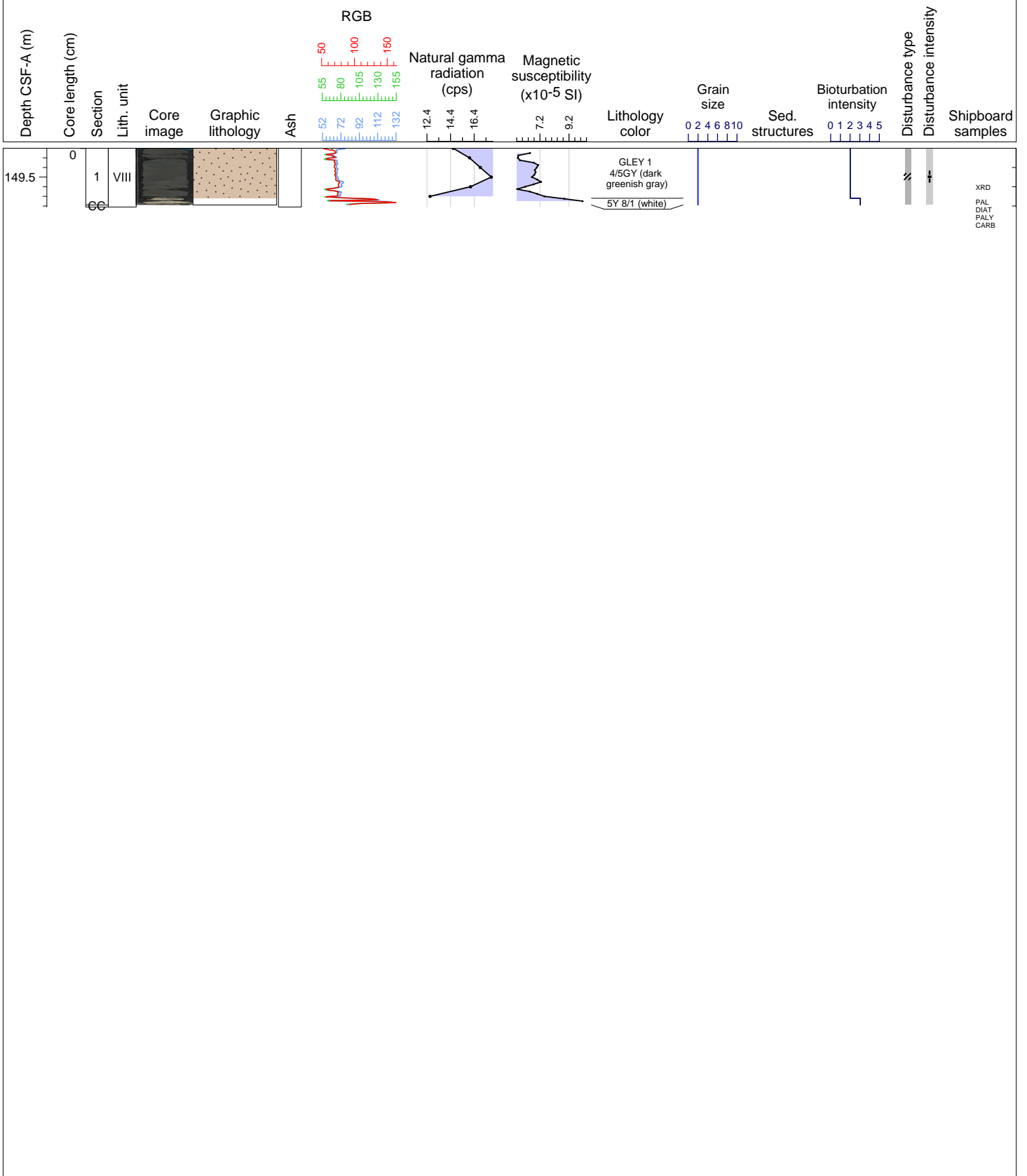
Hole 396-U1570D Core 23R, Interval 144.3-144.68 m (CSF-A)

Core 23 consists of dark greenish gray (GLEY 1 4/10GY) SILTSTONE with clay with heavy bioturbations. Recovery was only 36cm.



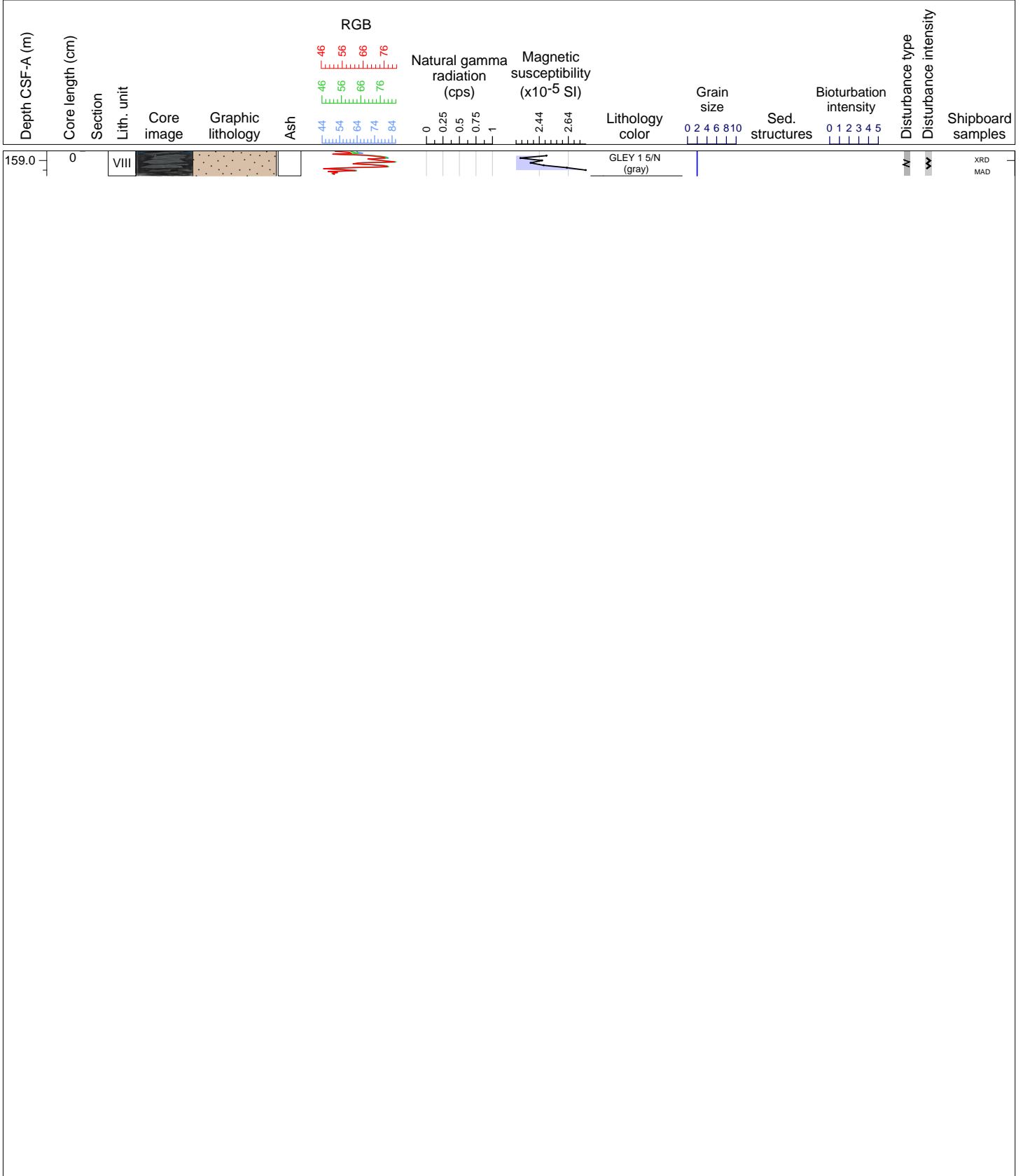
Hole 396-U1570D Core 24R, Interval 149.2-149.81 m (CSF-A)

Core 24 consists of dark greenish gray (GLEY 1 4/10GY) SILTSTONE with clay with moderate bioturbations overlying a white (5Y 8/1) piece of calcareous LIMESTONE with silt, presenting heavy bioturbations. The core is moderately fractured.



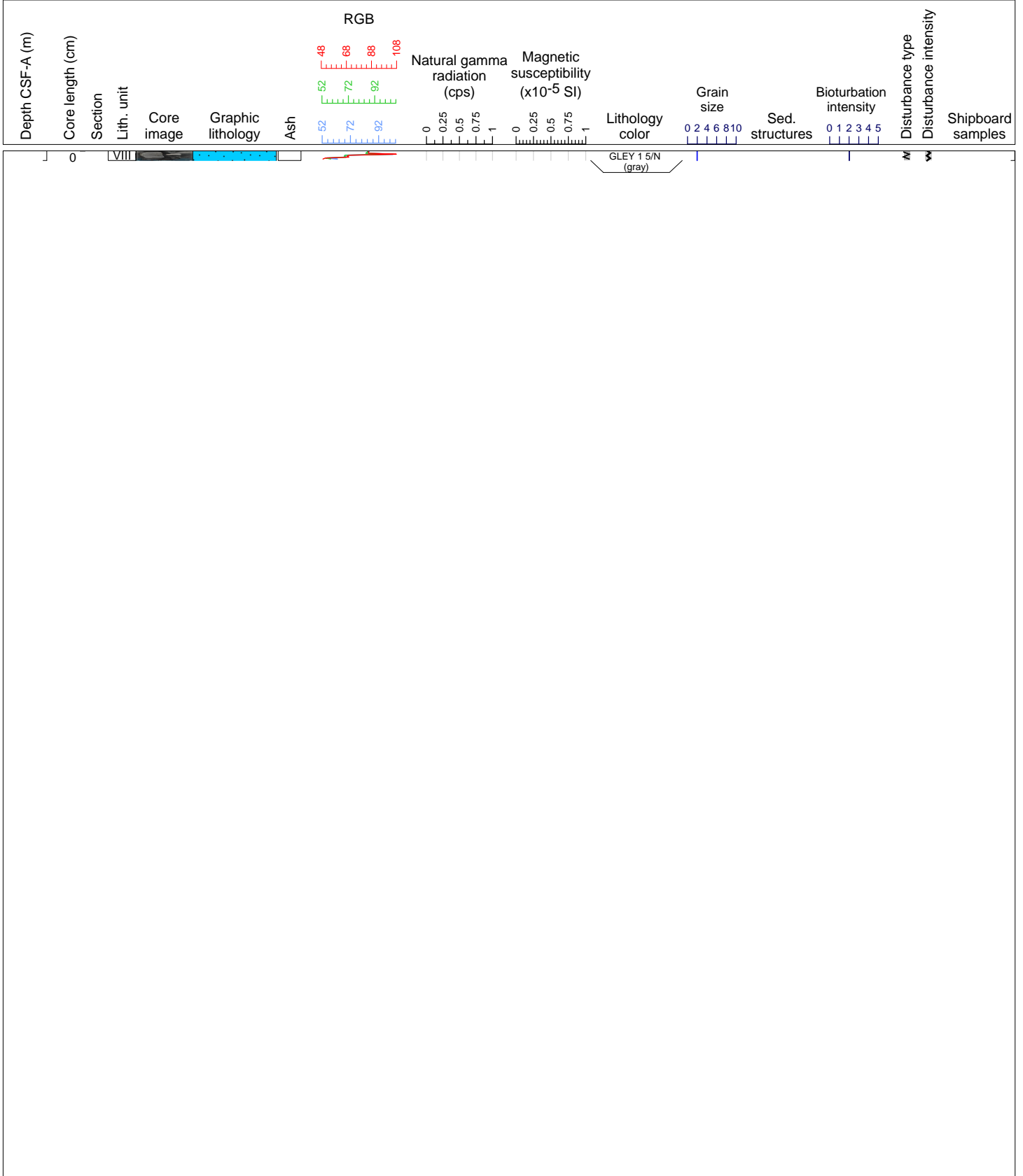
Hole 396-U1570D Core 25R, Interval 158.9-159.16 m (CSF-A)

Core 25 consists of gray (GLEY 1 5/N) SILTSTONE with clay. Recovery was only 26 cm.



Hole 396-U1570D Core 26R, Interval 168.7-168.8 m (CSF-A)

Core 26 consists of gray (GLEY 1 5/N) carbonaceous SILTSTONE with clay with moderate bioturbation. Recovery was only 10 cm.



Hole 396-U1570D Core 27R, Interval 178.4-178.44 m (CSF-A)

ALL TO PAL

Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Core image	Graphic lithology	Ash	RGB	Natural gamma radiation (cps)	Magnetic susceptibility ( $\times 10^{-5}$ SI)	Lithology color	Grain size	Sed. structures	Bioturbation intensity	Disturbance type	Disturbance intensity	Shipboard samples
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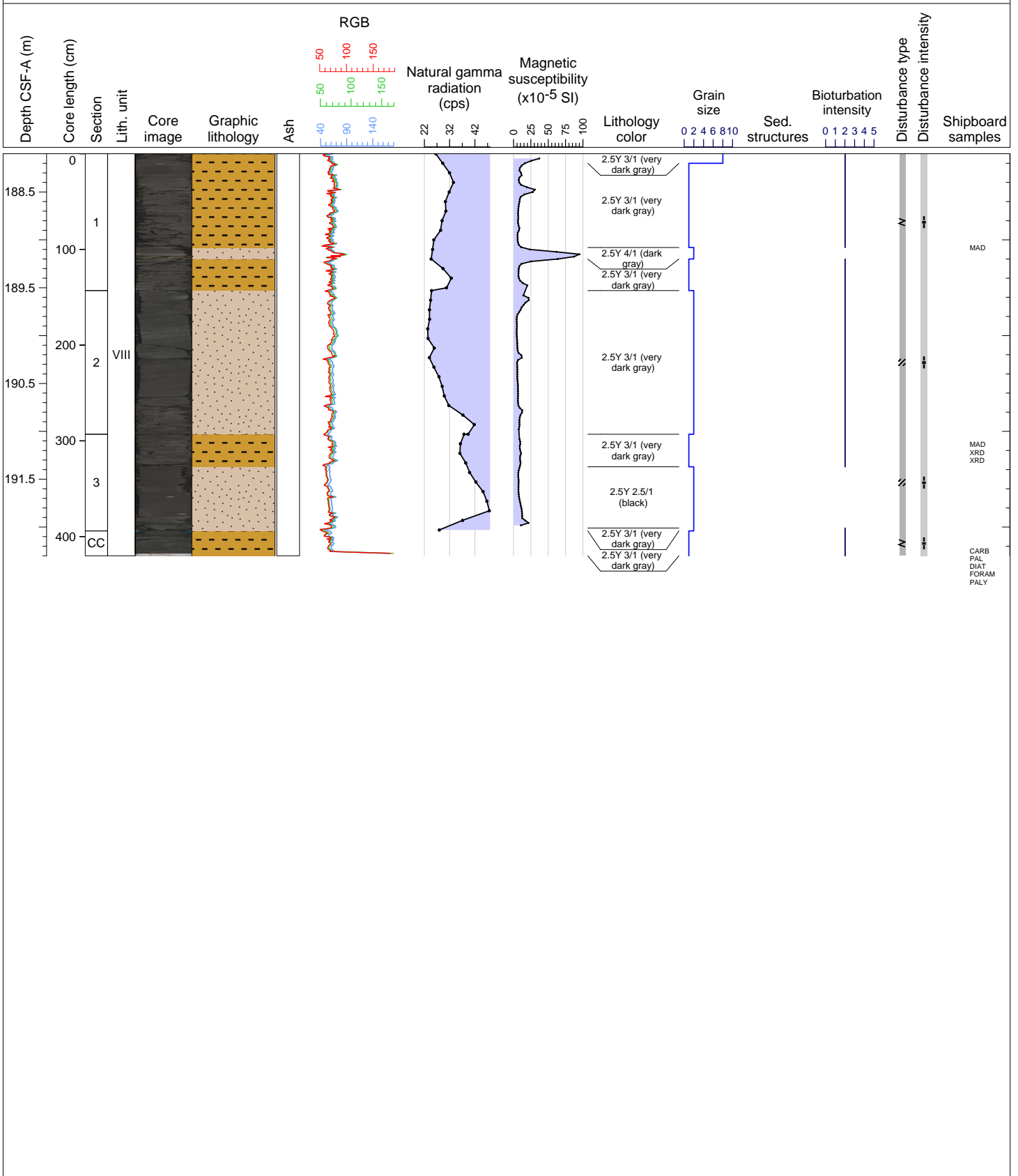
0 CC-VIII

CARB  
PAL  
DIAT  
FORAM  
PALLY



Hole 396-U1570D Core 28R, Interval 188.1-192.3 m (CSF-A)

Core 28 consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt and black (2.5Y 2.5/1) to dark gray (2.5Y 4/1) SILTONE with clay and locally brown siderite nodules. The core shows moderate bioturbations, small amount of pyrite and rare dewatering structures. The core is fractured to fragmented.



Hole 396-U1570D Core 3R, Interval 13.4-13.82 m (CSF-A)

Core 3 consists of olive brown (2.5Y 4/3) to dark grayish brown (2.5 Y 4/2) CLAY with silt with traces of foraminifers. The core shows moderate up-arching drilling disturbance.

