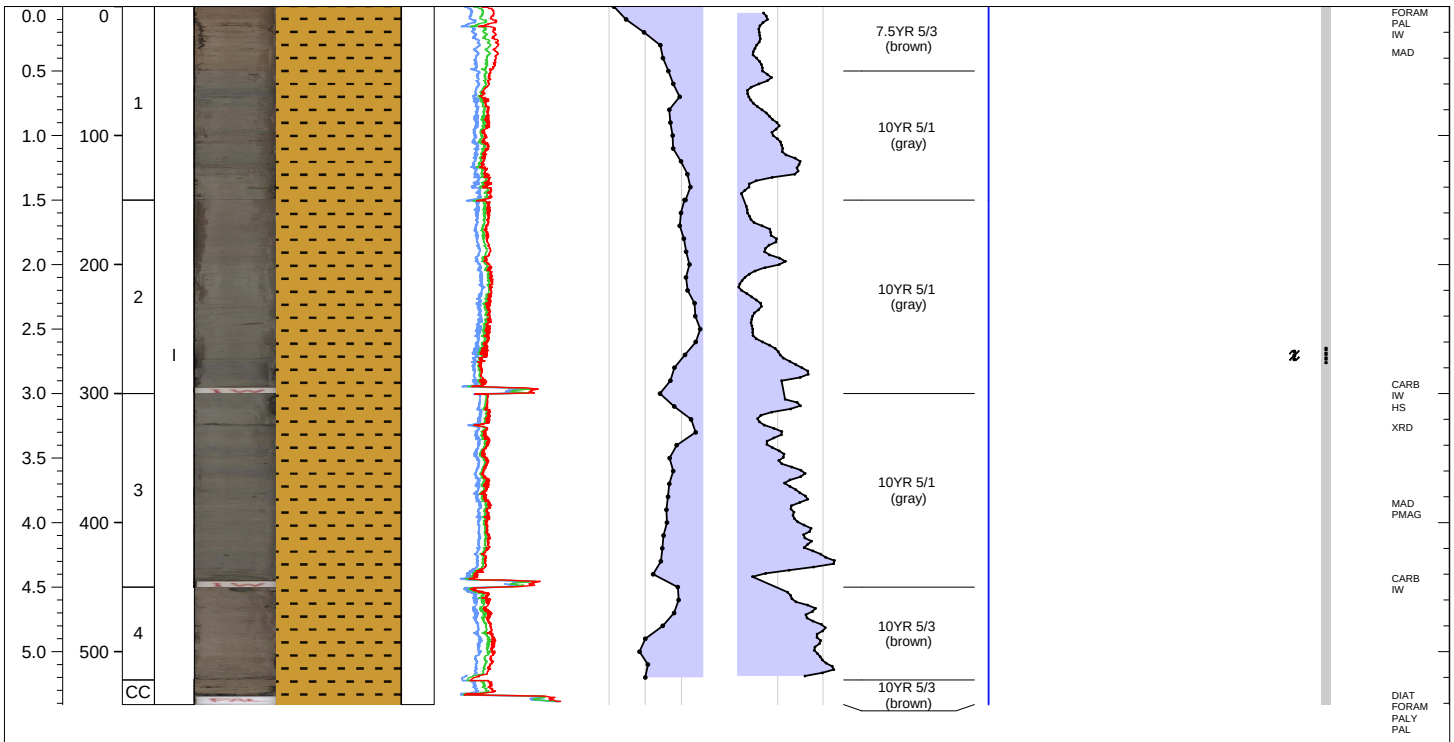
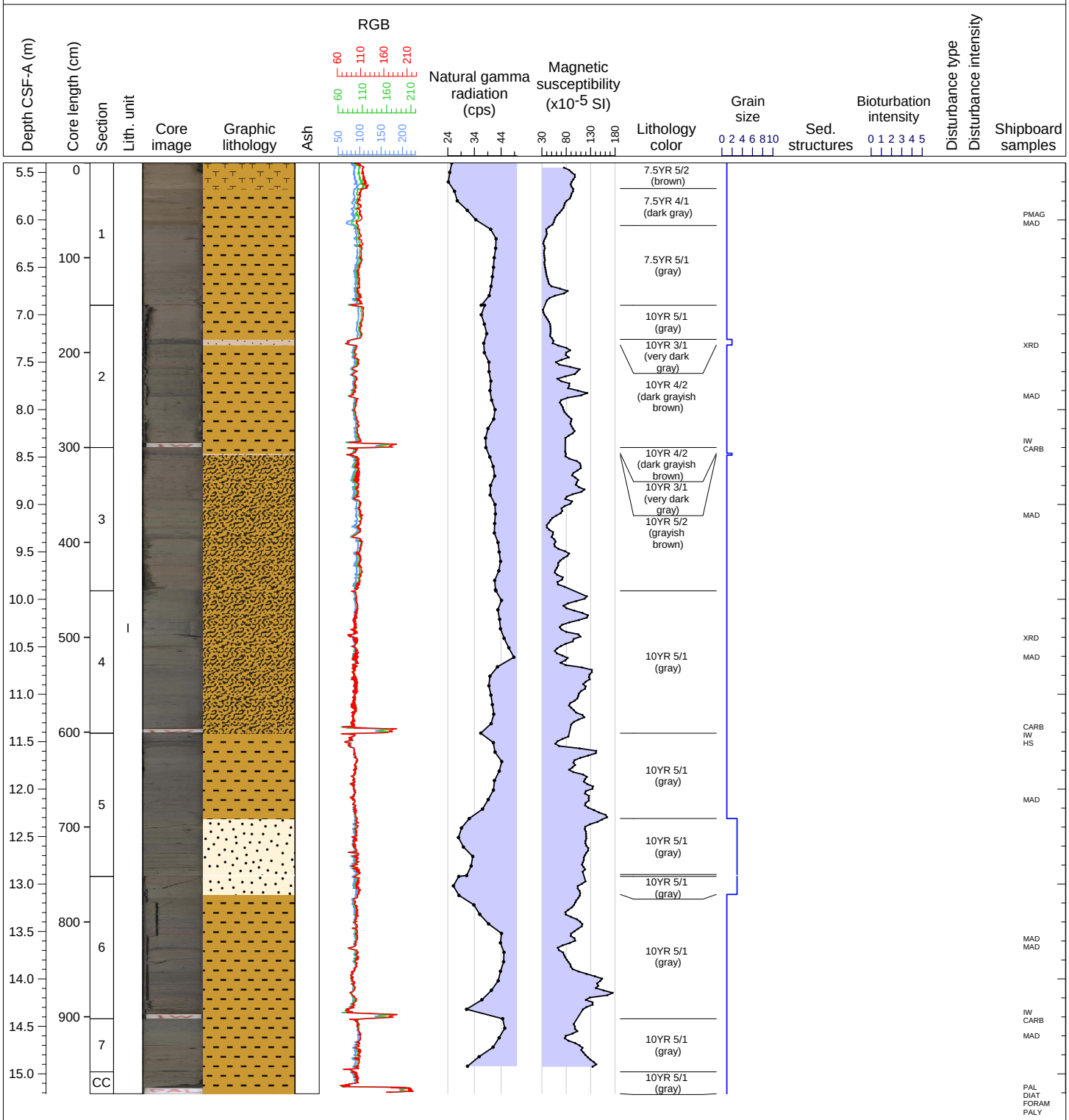
Hole 396-U1567A Core 1H, Interval 0.0-5.41 m (CSF-A)

The core consists of CLAY WITH SILT and is mostly brown (7.5YR 5/3) and gray (10yr 5/1). Foraminifers are observed throughout the core with higher abundance at the last section. Some layers of silty material in sections 2 and 3 and a dropstone at the top of section 4.



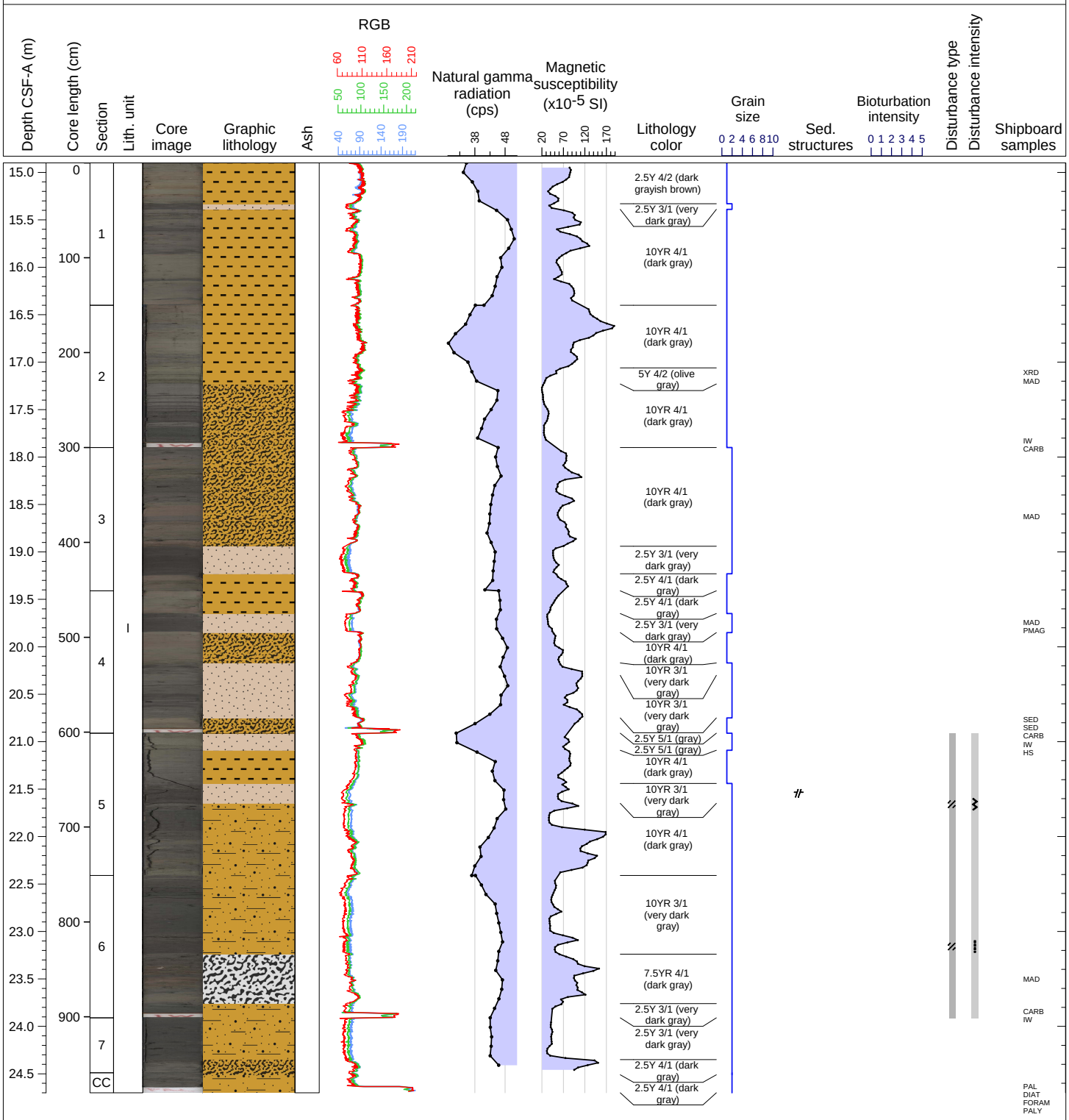
Hole 396-U1567A Core 2H, Interval 5.4-15.21 m (CSF-A)

The core consists of CLAY WITH SILT and ranges in color from brown (7.5YR 5/2) to very dark gray (10YR 3/1) with medium beds containing rare to common foraminifers and coarser sand sized siliciclastic material.



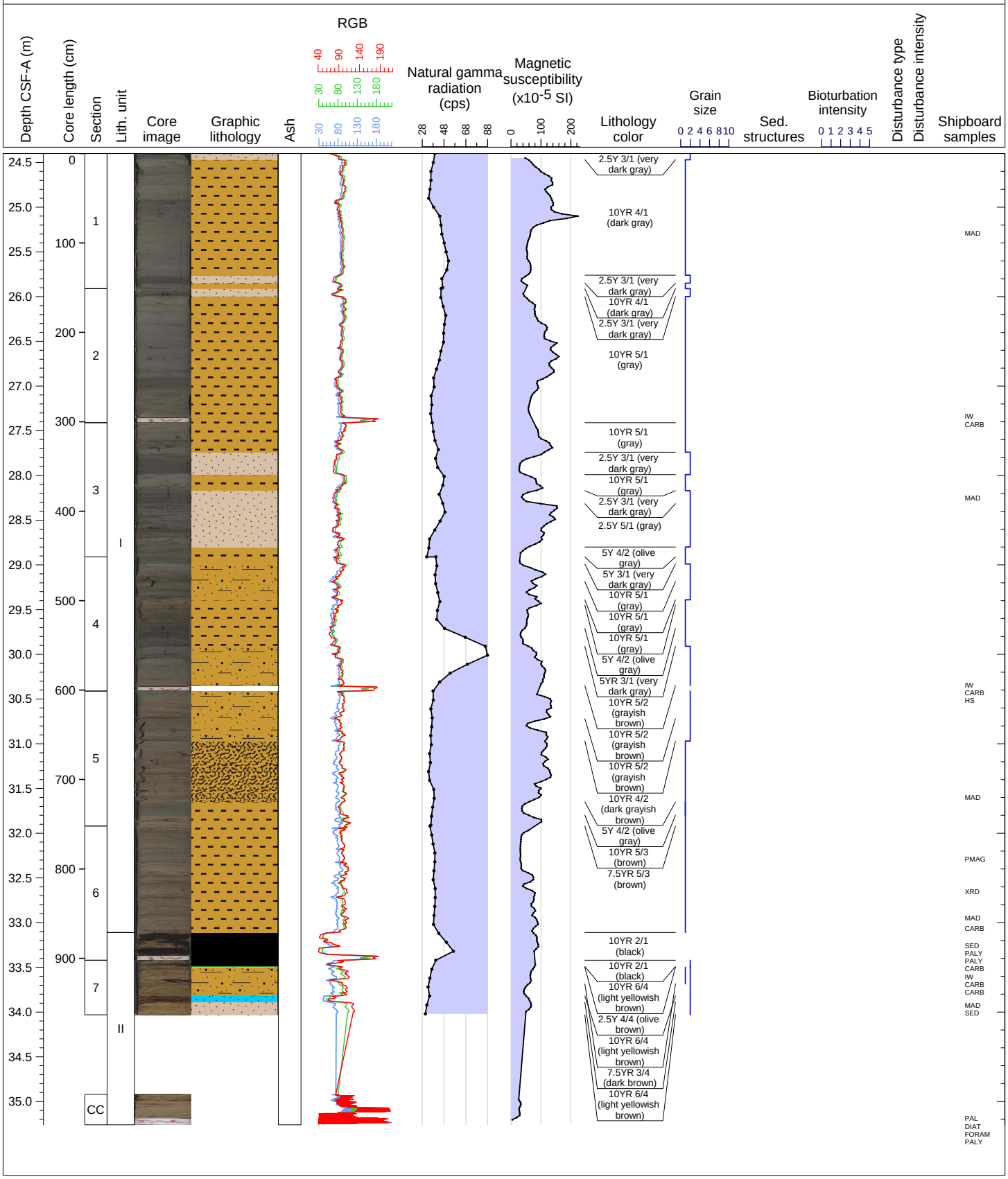
Hole 396-U1567A Core 3H, Interval 14.9-24.7 m (CSF-A)

The core is CLAY WITH SILT primarily, with some beds containing common foraminifers and sand-sized grains. The color ranges from dark grayish brown (2.5Y 4/2) to very dark gray (e.g., 10YR 3/1; rare thin silt beds). Slight to high vertical fracturing is present.



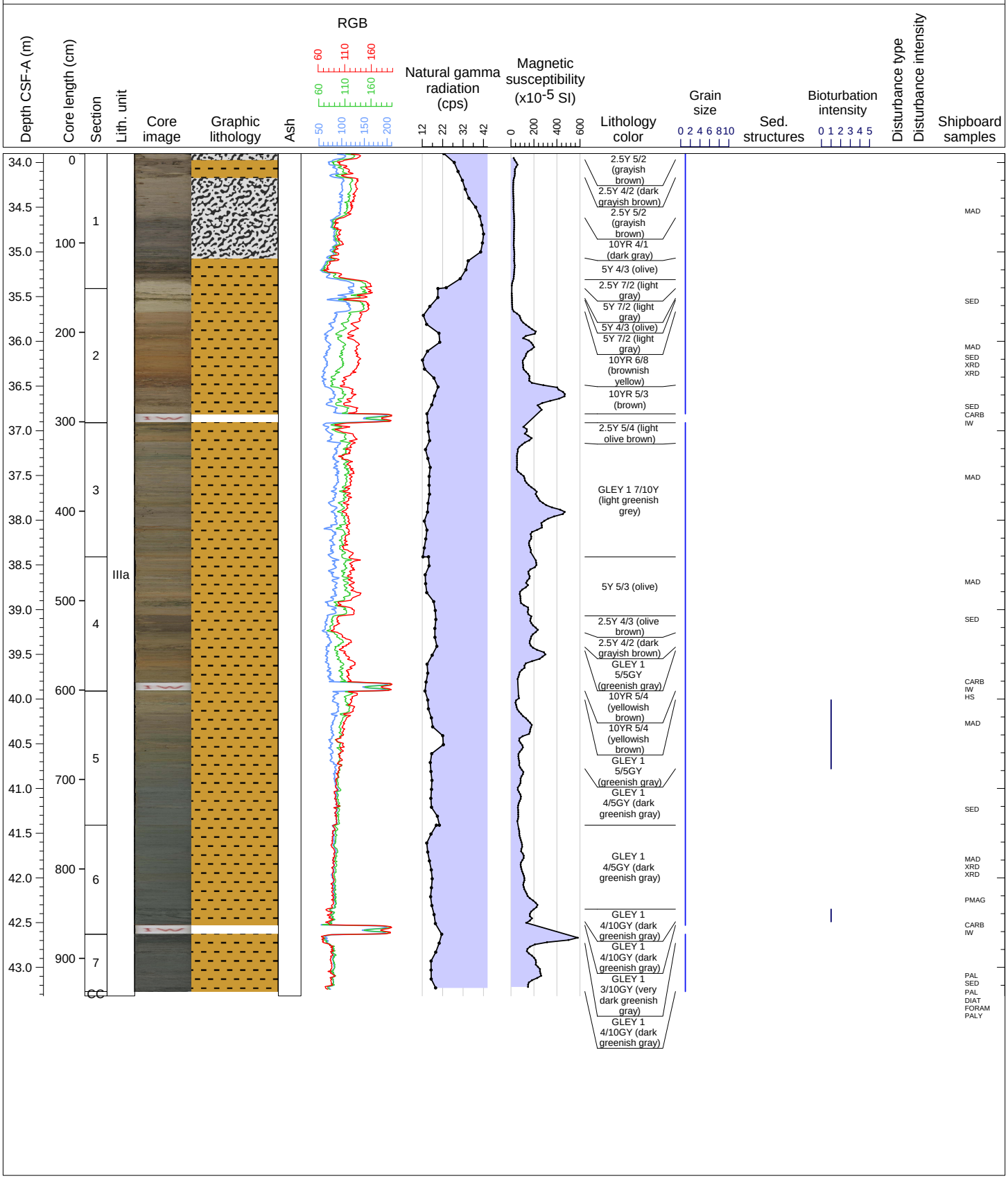
Hole 396-U1567A Core 4H, Interval 24.4-35.26 m (CSF-A)

The core is CLAY and SILT, with varying mixes of each component, and some beds of common sand, gravel, and organic matter. The color is variable ranging from very dark gray (2.5Y 3/1) to light yellowish brown (10YR 6/4). Sections 6 and 7 contain organic rich intervals, and section 7 contains carbonaceous silt. Some intervals include fining upwards structures.



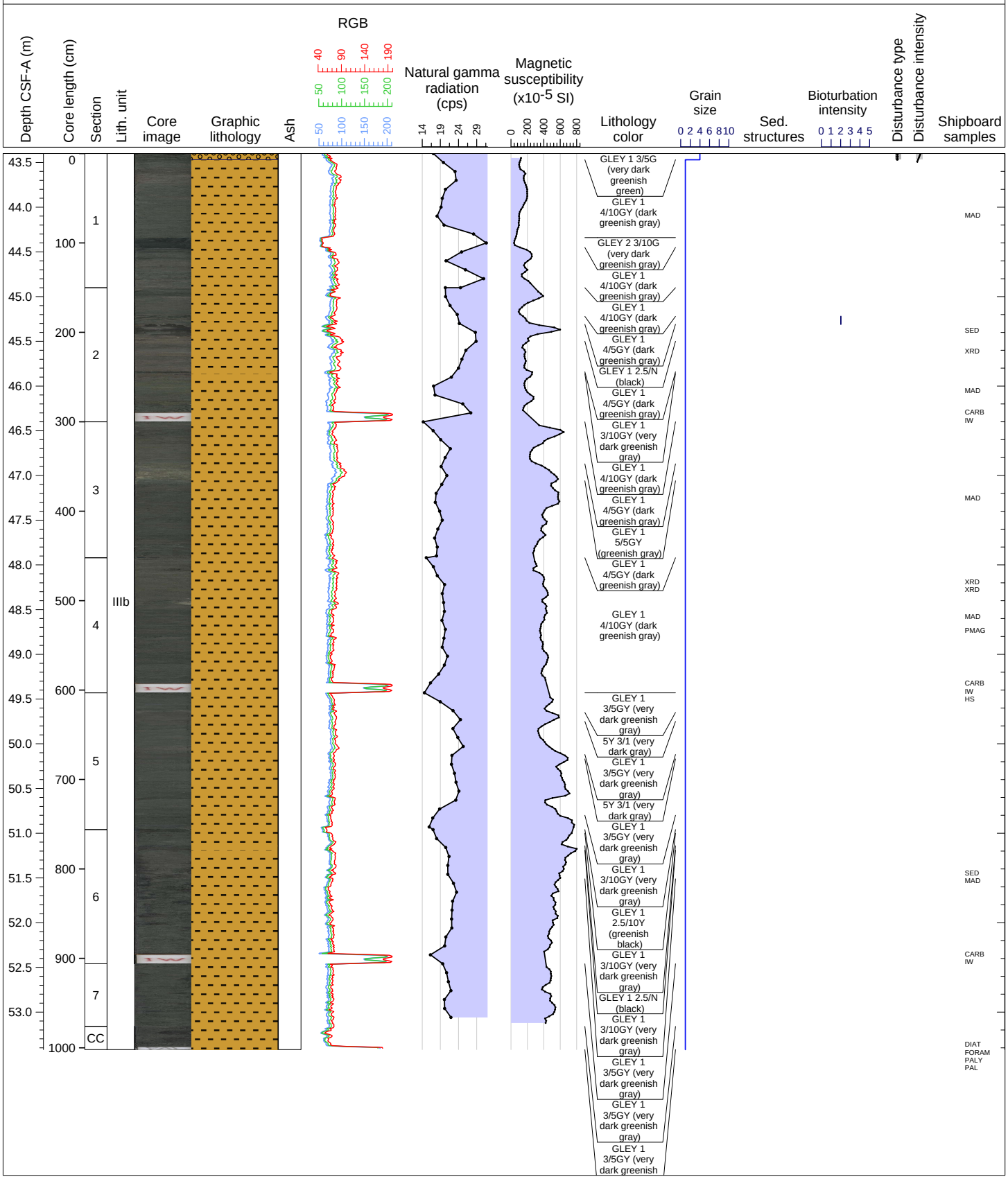
Hole 396-U1567A Core 5H, Interval 33.9-43.32 m (CSF-A)

CLAY WITH SILT dominates the lithology of the core, with variably colored sand-rich beds present near the top and bottom. Overall, the core color is highly variable with olive (5Y 5/3), dark greenish gray (GLEY 1 4/10GY), yellowish brown (10YR 5/4), and dark gray intervals (10YR 4/1).



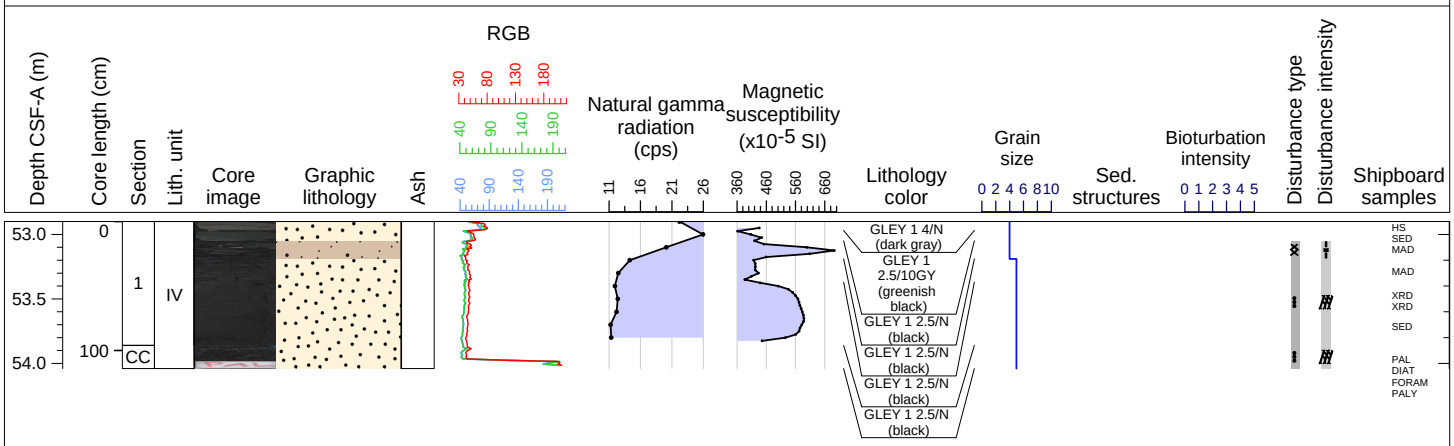
Hole 396-U1567A Core 6H, Interval 43.4-53.42 m (CSF-A)

The core is CLAY WITH SILT with thin beds of CLAYSTONE, and a soupy 7 cm clast-rich, sandy interval at the top. The color ranges from black (GLEY 1 2.5/N) to greenish gray (GLEY 1 5/5GY). Some moderate bioturbation (burrows) are present in section 2. Section 6 contains darker, pebble-sized claystone clasts.



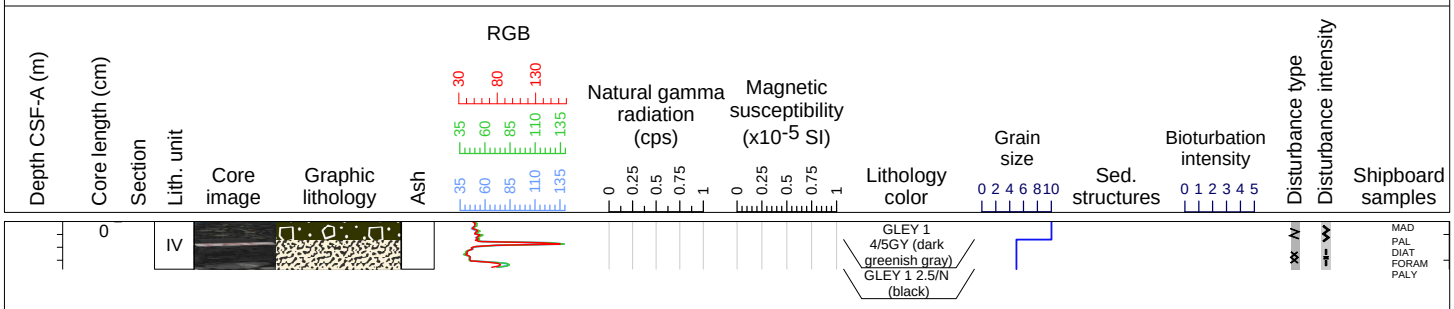
Hole 396-U1567A Core 7F, Interval 52.9-54.04 m (CSF-A)

Recovery was poor for the core, with brecciated and soupy drilling disturbances. The top of the core (0-17 cm in section 1) consists of SANDSTONE with silt and gravel, and is dark gray (GLEY 1 4/N) to greenish black (GLEY 1 2.5/10GY). Below this, black (GLEY 1 2.5/N), unconsolidated SAND is present.



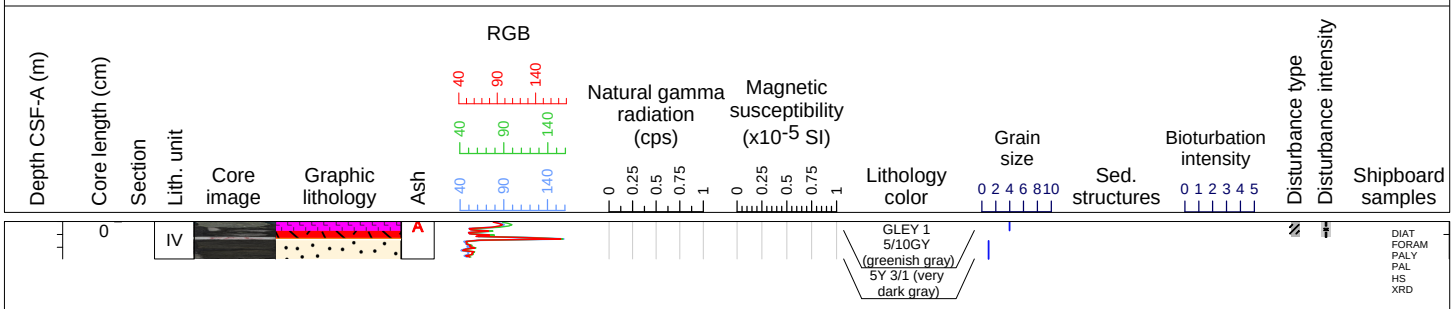
Hole 396-U1567A Core 8X, Interval 54.1-54.47 m (CSF-A)

The top section (0-14 cm) of the core contains dark greenish gray (GLEY 1 4/5GY) GRAVEL. Th GRAVEL is composed multiple siliciclastic, possibly volcaniclastic, rock types. The rest of the core is composed of black (GLEY 1 2.5/N) silt-rich SANDSTONE with gravel, including ~5cm diameter clast of aphyric moderately vesicular basalt.



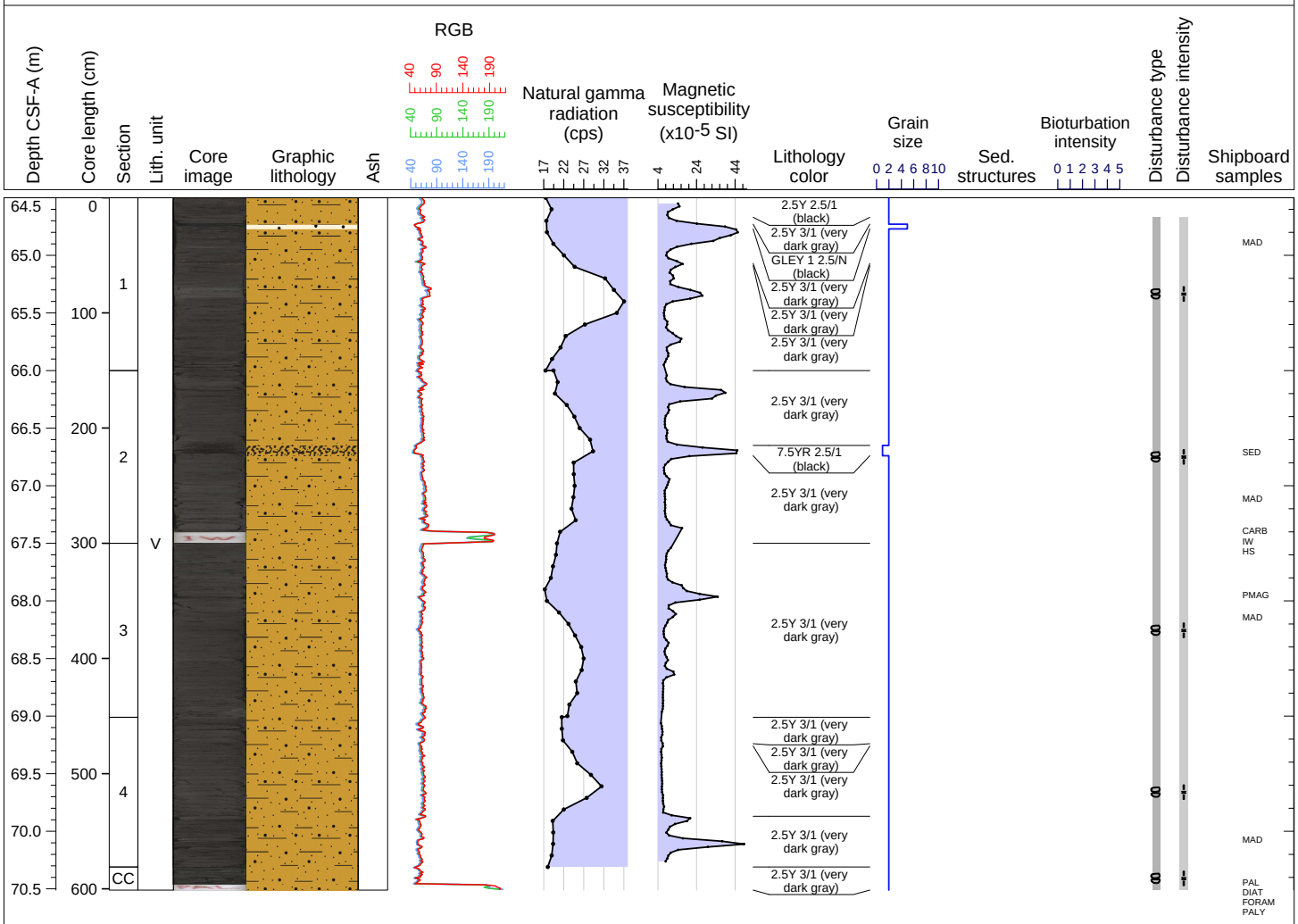
Hole 396-U1567A Core 9X, Interval 59.7-59.99 m (CSF-A)

The top of the core (0 to 15 cm) is composed of consolidated greenish greenish gray (GLEY 1 5/10GY) clay-rich ASH overlying a black (GLEY 1 2.5/N) aphyric basalt. The rest of the core is composed of very dark gray (5Y 3/1) SANDSTONE with clay with parallel lamination.



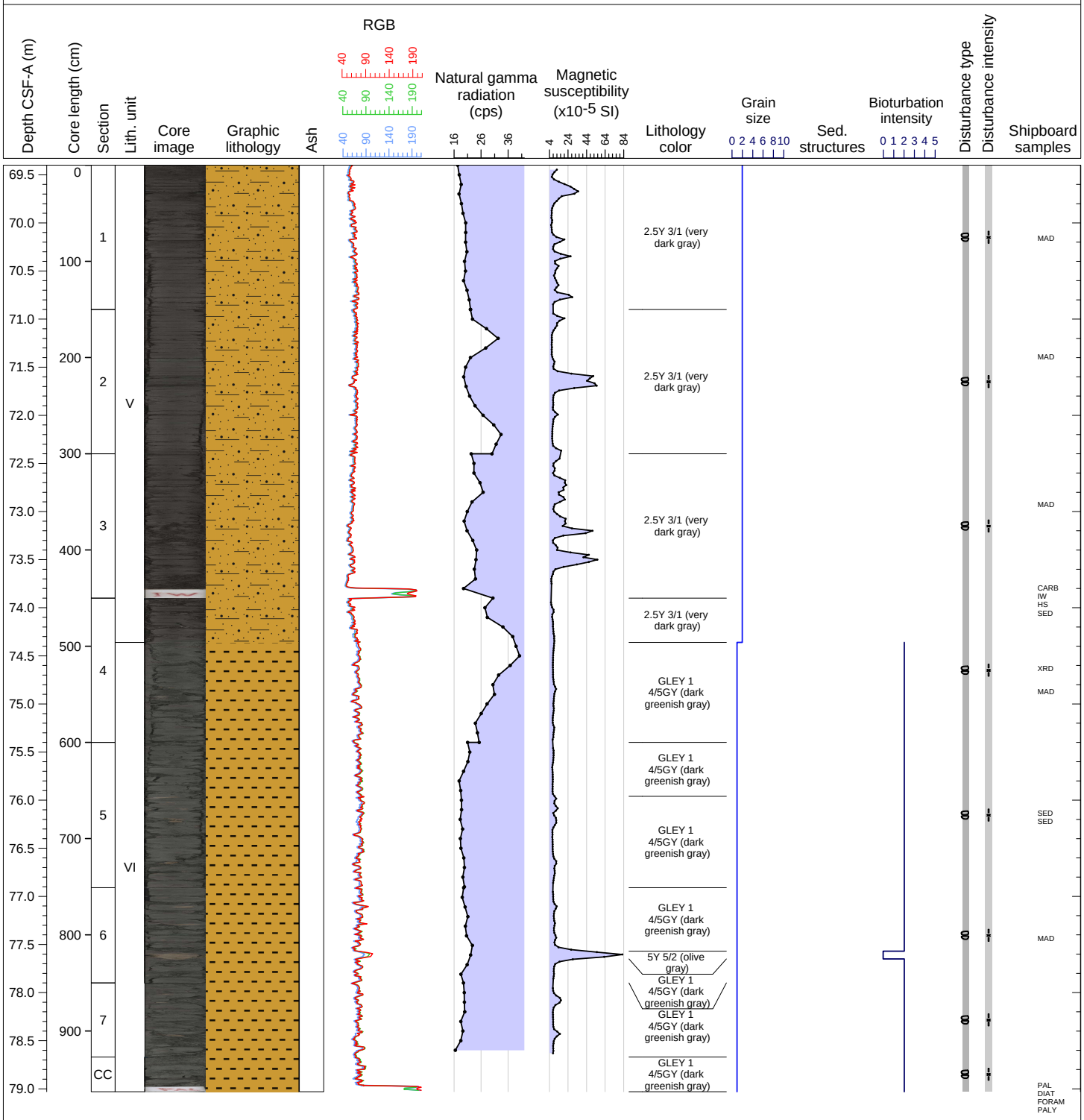
Hole 396-U1567A Core 10X, Interval 64.5-70.51 m (CSF-A)

This core is composed of very dark gray (2.5Y 3/1) clay-rich SILTSTONE with parallel thin lamination. In the section 10X-2A, a 9 cm layer of black (7.5YR 2.5/1) silt-rich CLAY with organic matter is observed.



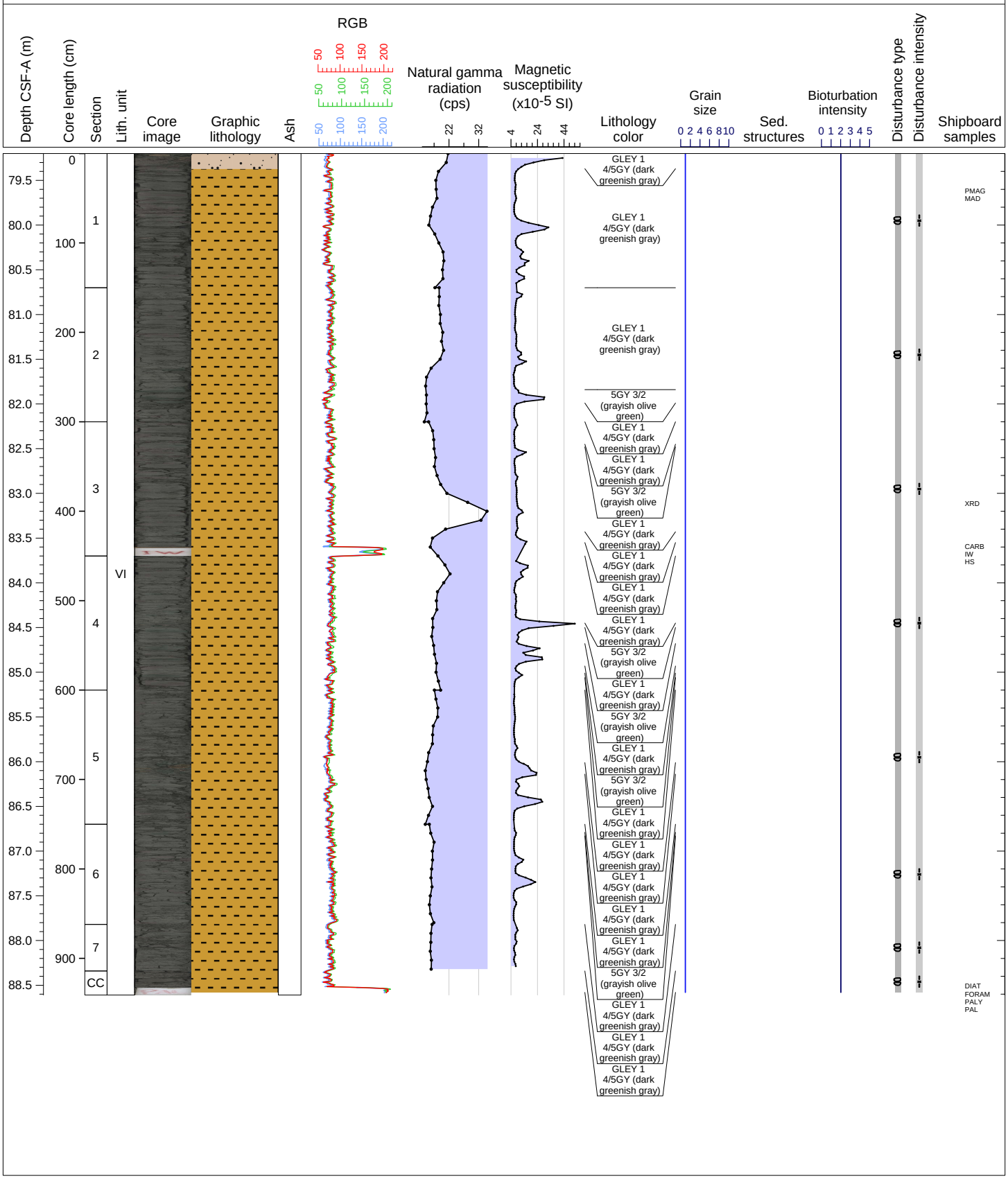
Hole 396-U1567A Core 11X, Interval 69.4-79.03 m (CSF-A)

core is composed of very dark gray (2.5Y 3/1) clay-rich SILTSTONE with thin parallel lamination, overlying a dark greenish gray (GLEY 1 4/5GY) CLAYSTONE with silt



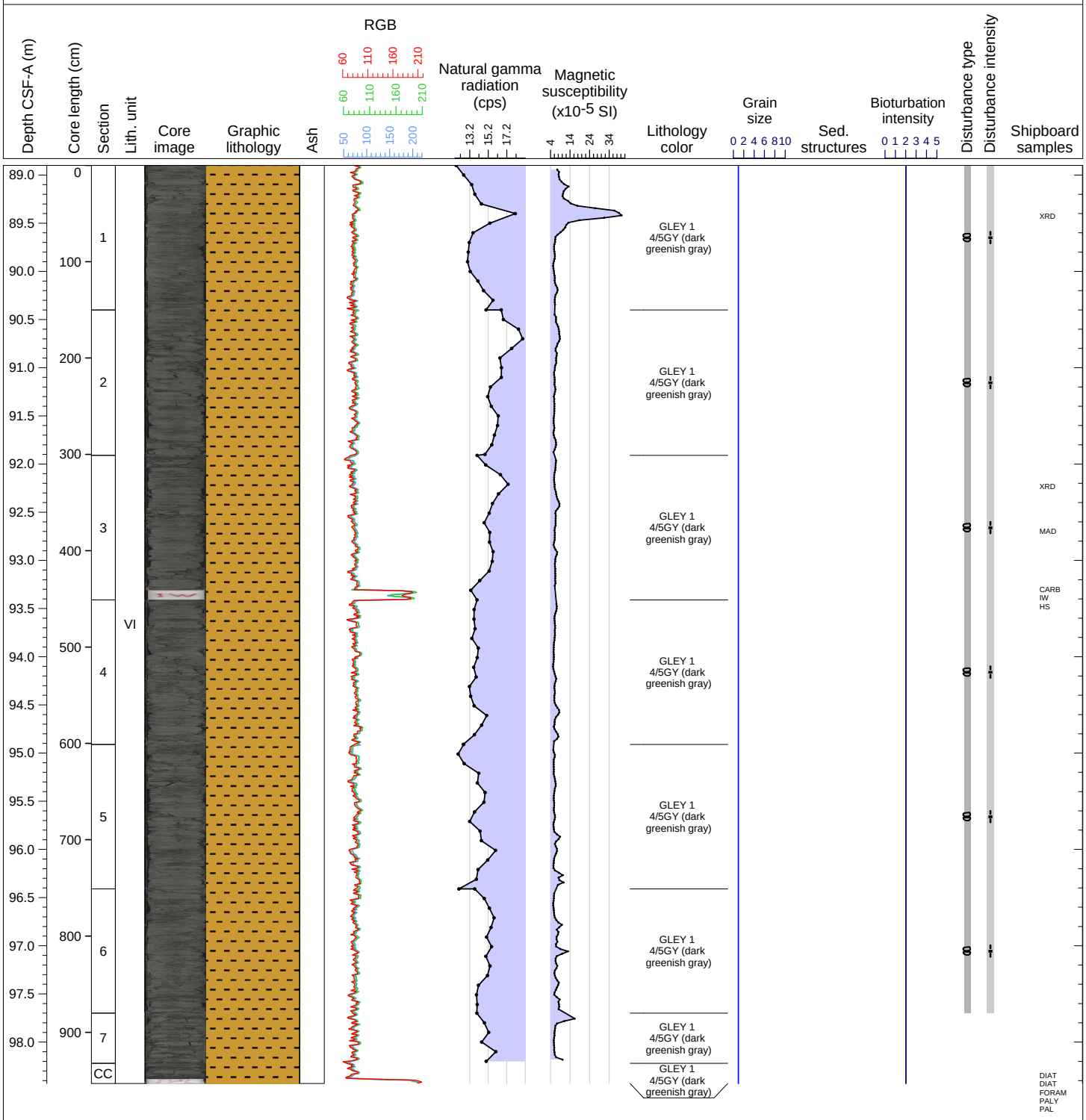
Hole 396-U1567A Core 12X, Interval 79.2-88.61 m (CSF-A)

The core has been moderately biscuited during drilling. This core is mostly composed of very well sorted dark greenish gray (GLEY 1 4/5GY) CLAYSTONE with silt.



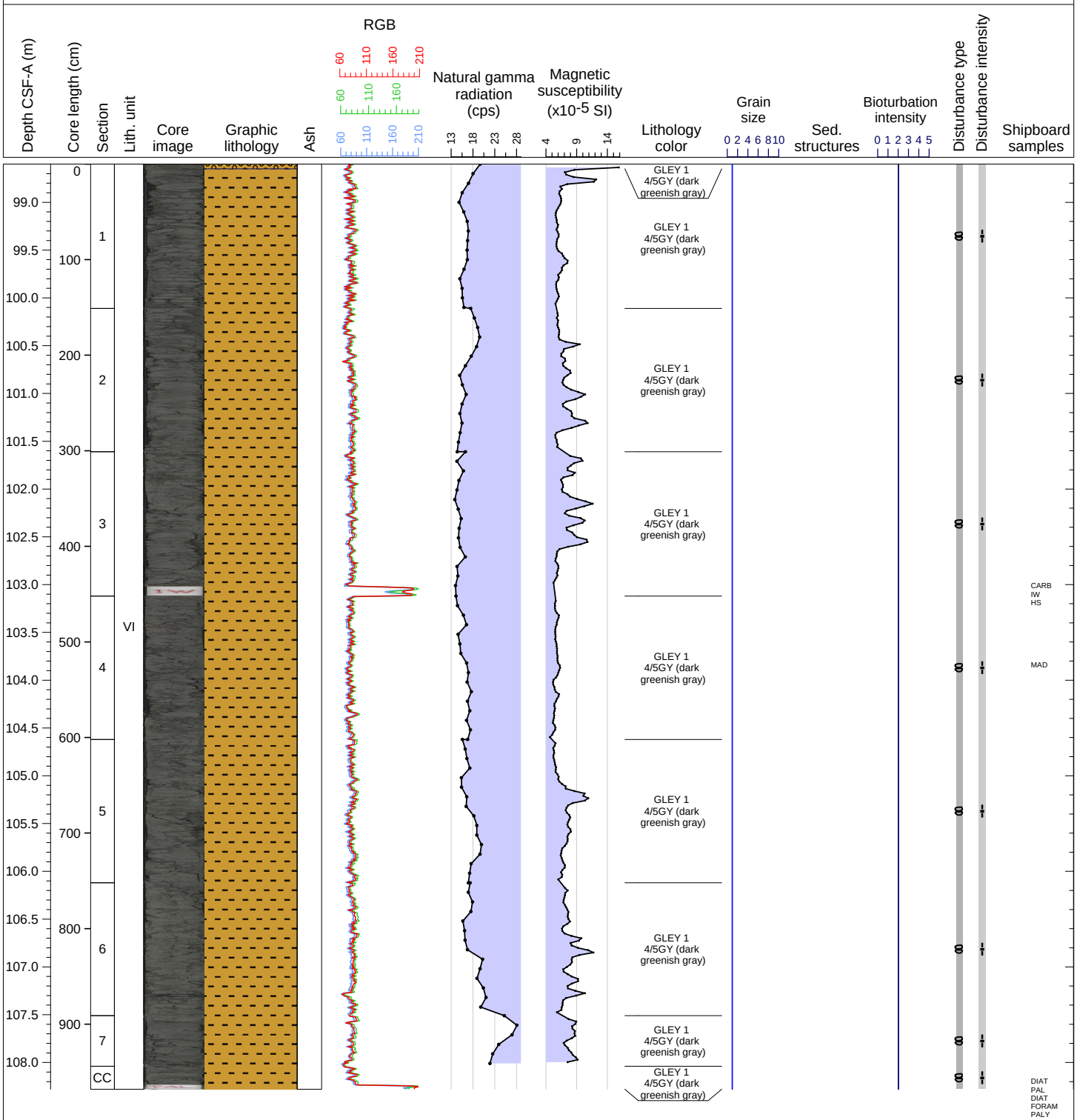
Hole 396-U1567A Core 13X, Interval 88.9-98.43 m (CSF-A)

The core has been moderately biscuited during drilling. This core is mostly composed of very well sorted dark greenish gray (GLEY 1 4/5GY) CLAYSTONE with silt.



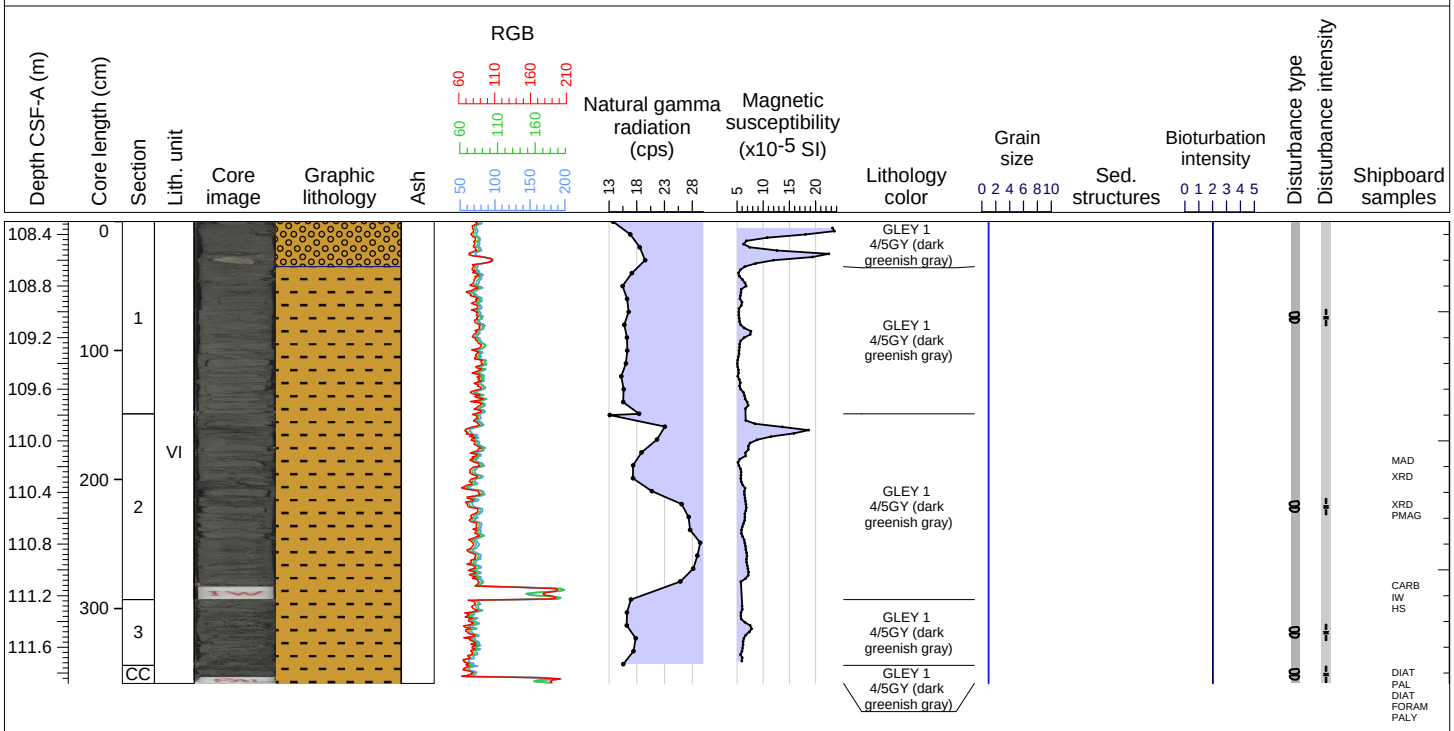
Hole 396-U1567A Core 14X, Interval 98.6-108.28 m (CSF-A)

The core has been moderately biscuited during drilling. This core is mostly composed of very well sorted dark greenish gray (GLEY 1 4/5GY) CLAYSTONE with silt. The section 14X-6A contains traces of bivalves.



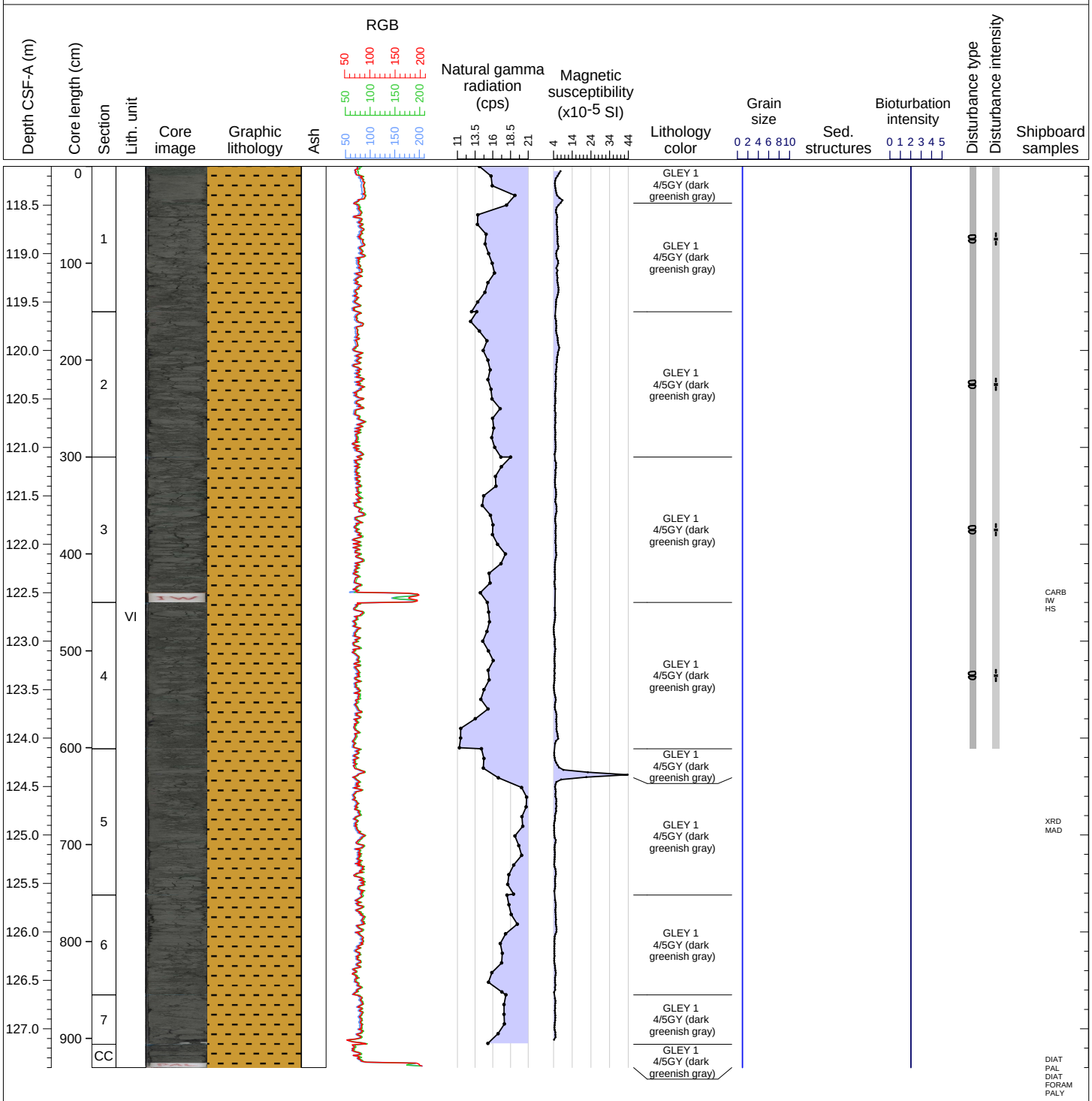
Hole 396-U1567A Core 15X, Interval 108.3-111.88 m (CSF-A)

The core has been moderately biscuited during drilling. This core is mostly composed of very well sorted dark greenish gray (GLEY 1 4/5GY) CLAYSTONE with silt. The top 35 cm of the core contains cobble of subangular basalt.



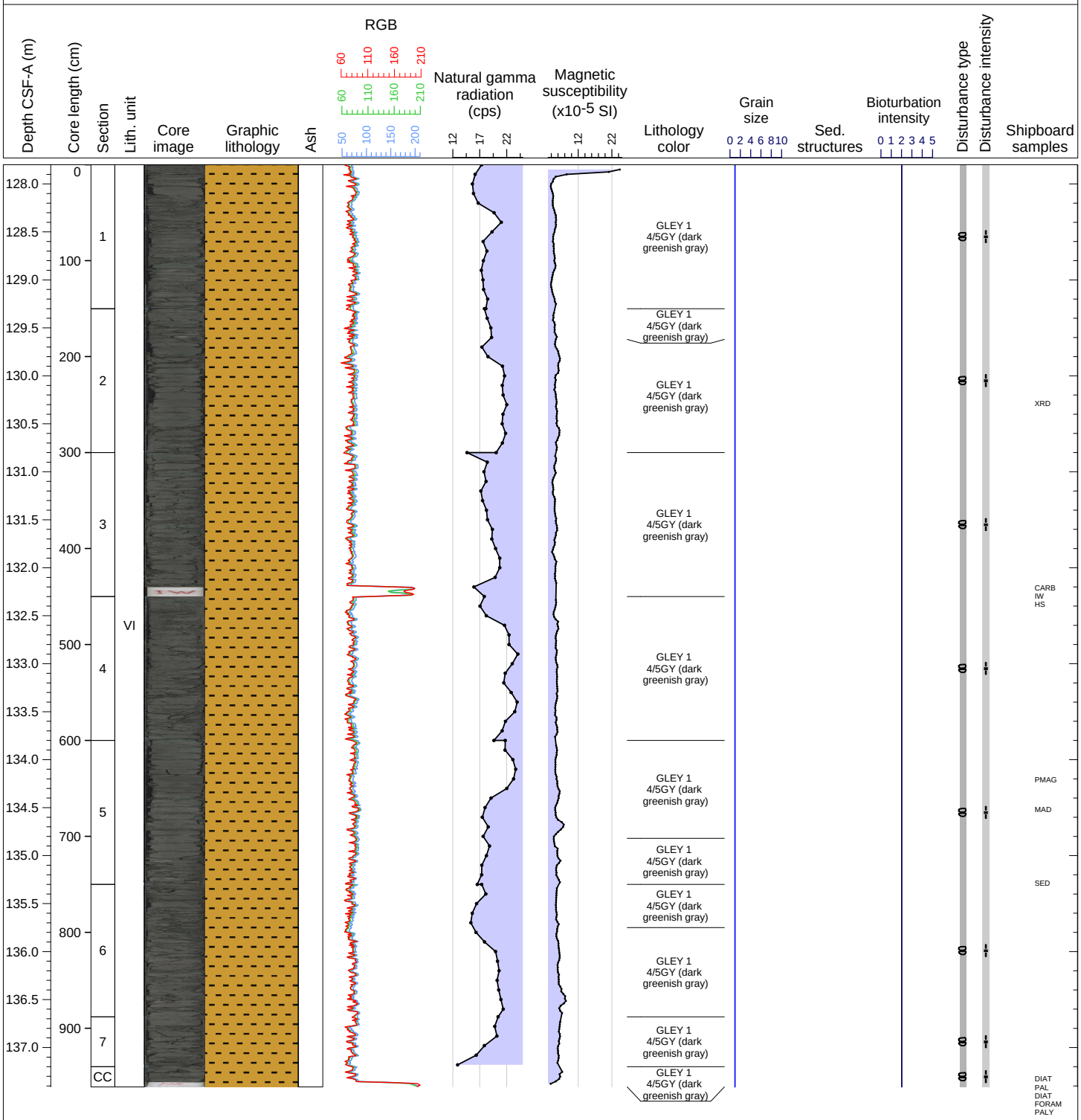
Hole 396-U1567A Core 16X, Interval 118.1-127.4 m (CSF-A)

The core has been moderately biscuited during drilling. This core is composed of very well sorted dark greenish gray (GLEY 1 4/5GY) CLAYSTONE with silt with rare occurrences of basalt pebbles.



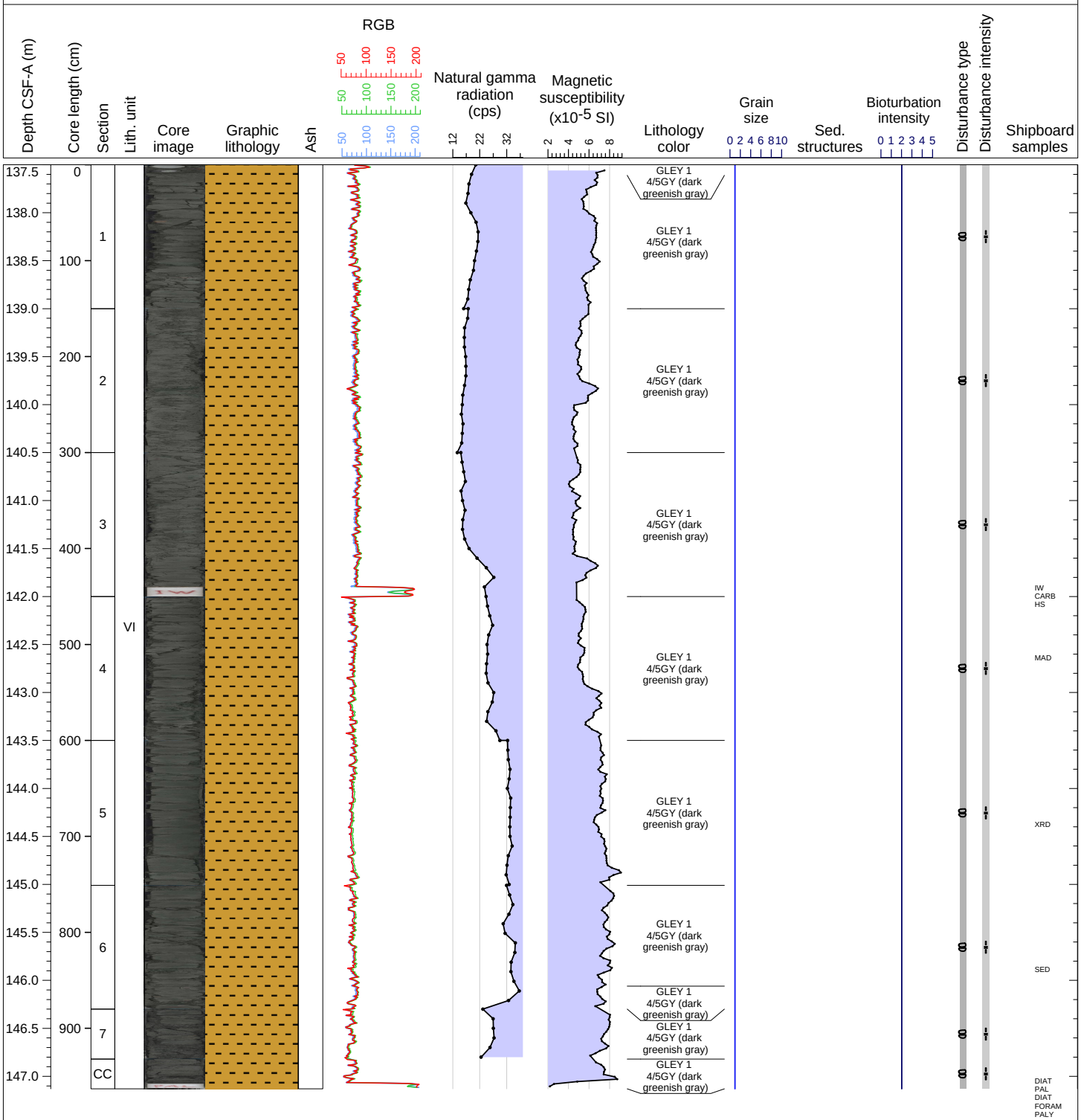
Hole 396-U1567A Core 17X, Interval 127.8-137.41 m (CSF-A)

The core has been moderately biscuited during drilling. This core is composed of very well sorted dark greenish gray (GLEY 1 4/5GY) CLAYSTONE with silt, showing heavy bioturbations, with occurrences of nodules.



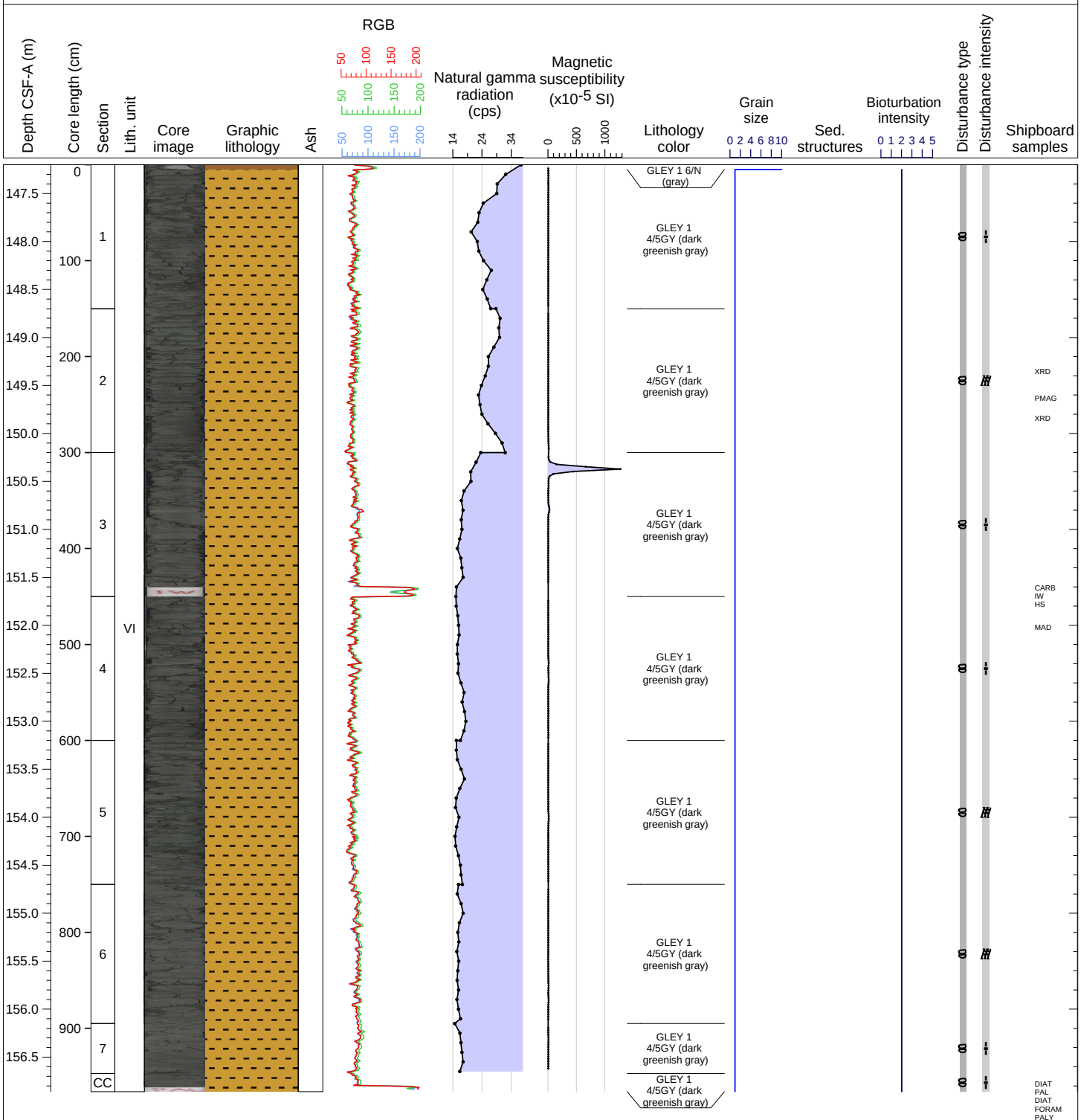
Hole 396-U1567A Core 18X, Interval 137.5-147.13 m (CSF-A)

The core has been moderately biscuited during drilling. This core composed of very well sorted dark greenish gray (GLEY 1 4/5GY) CLAYSTONE with silt, showing moderate bioturbations. The top 11 cm contains nodules.



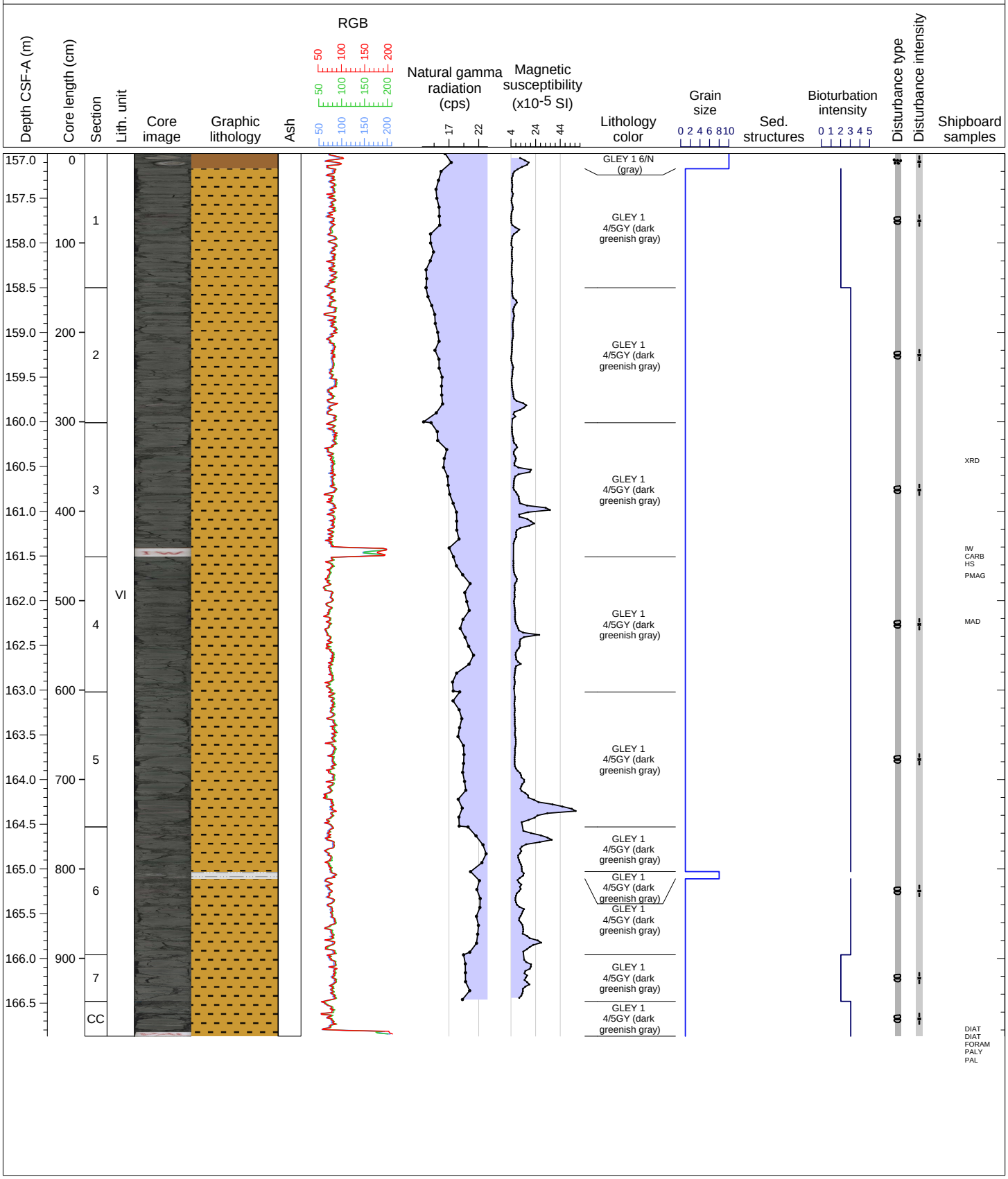
Hole 396-U1567A Core 19X, Interval 147.2-156.86 m (CSF-A)

The core has been moderately to highly biscuited during drilling. This core composed of very well sorted dark greenish gray (GLEY 1 4/5GY) CLAYSTONE with silt, showing moderate bioturbations. The top 11 cm contains nodules.



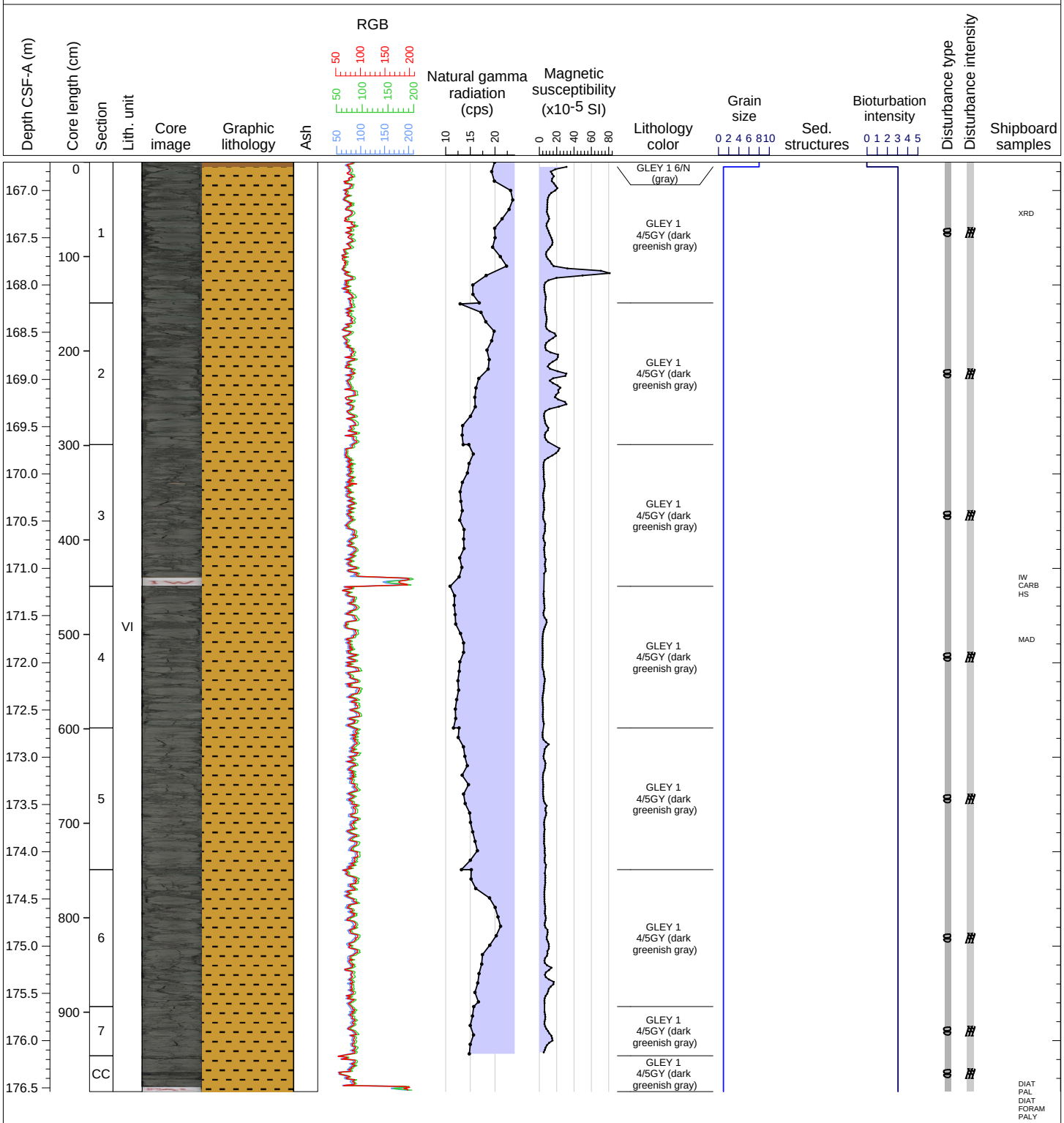
Hole 396-U1567A Core 20X, Interval 157.0-166.87 m (CSF-A)

The core has been moderately biscuited during drilling, The core is mostly composed of dark greenish gray (GLEY 1 4/5GY) CLAYSTONE with silt, showing heavy bioturbations, overlaid by a 17 cm thick layer of gray (GLEY 1 6/N) NODULE with clay.



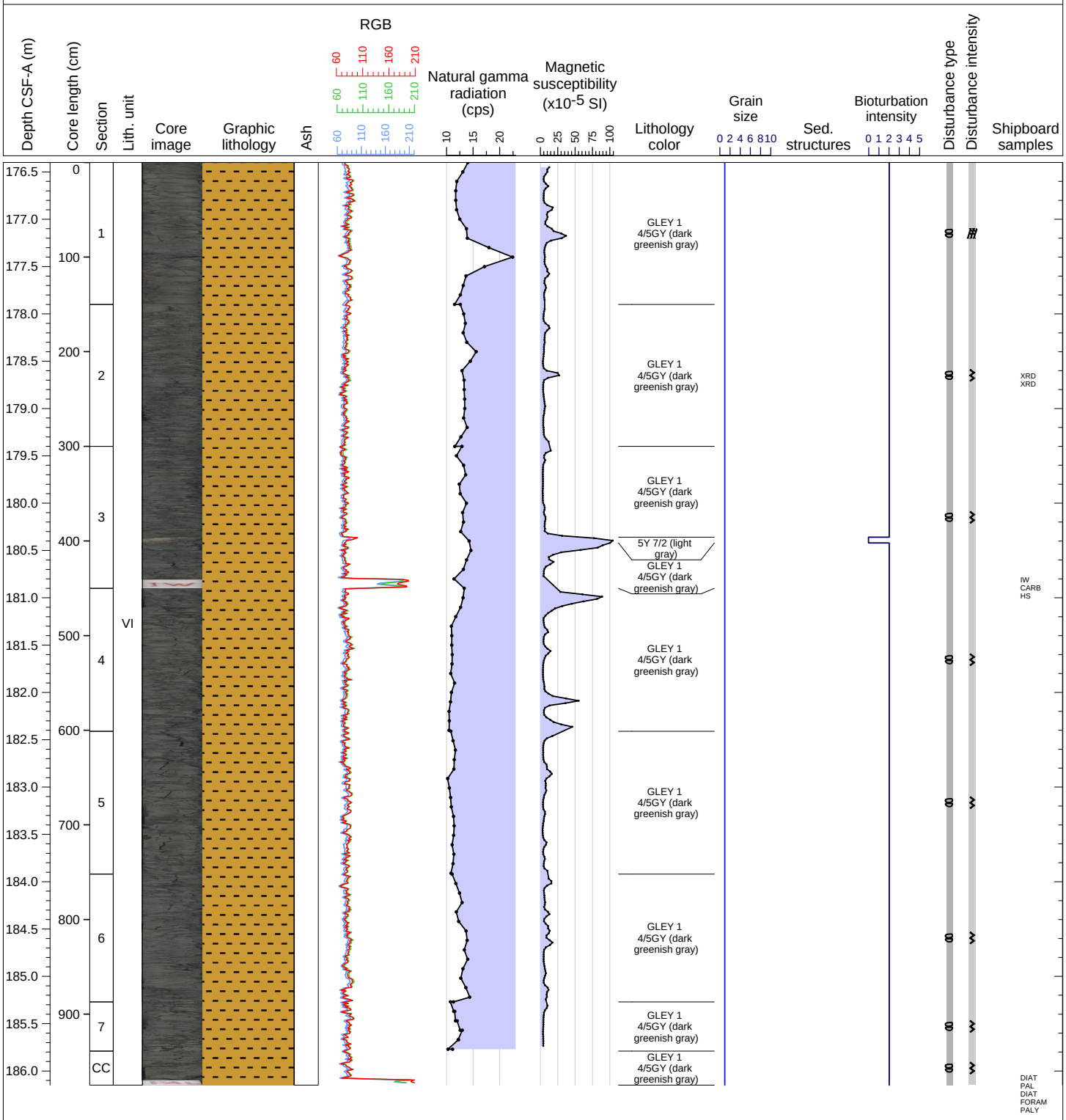
Hole 396-U1567A Core 21X, Interval 166.7-176.54 m (CSF-A)

The core has been moderately to highly biscuited during drilling, The core is composed of dark greenish gray (GLEY 1 4/5GY) CLAYSTONE with silt, showing heavy bioturbations, overlaid by a 5 cm gray (GLEY 1 6/N) NODULE with carbonate.



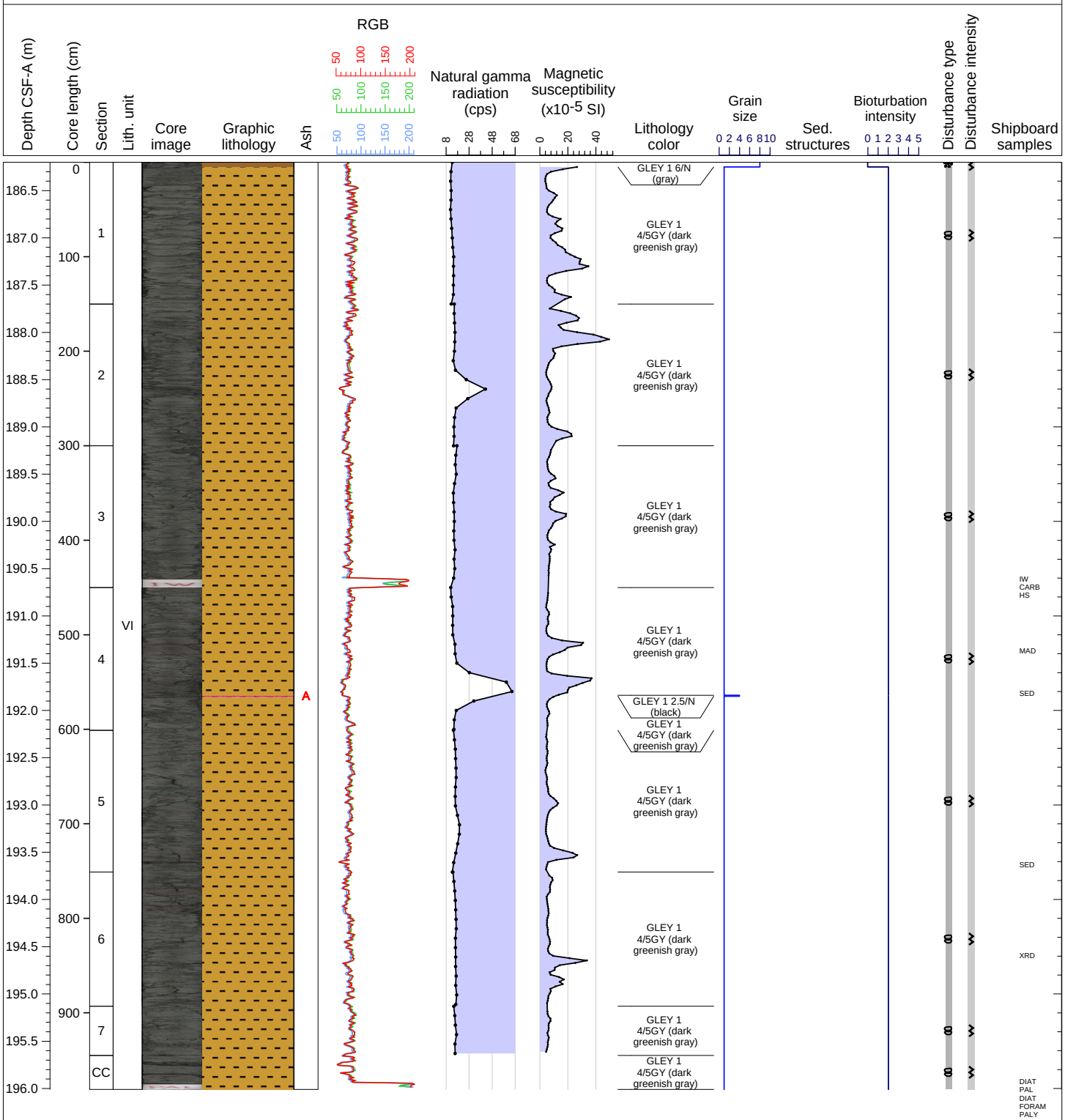
Hole 396-U1567A Core 22X, Interval 176.4-186.15 m (CSF-A)

The core has been highly biscuited during drilling, The core is mostly composed of dark greenish gray (GLEY 1 4/5GY) CLAYSTONE with silt, showing moderate bioturbations.



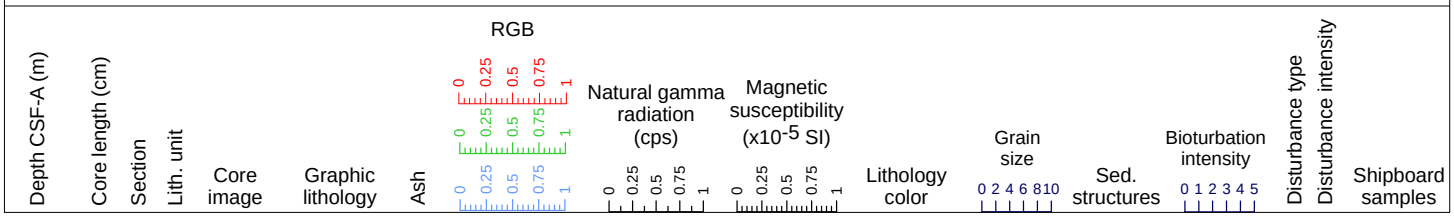
Hole 396-U1567A Core 23X, Interval 186.2-196.01 m (CSF-A)

The core has been highly biscuited during drilling, The core is mostly composed of dark greenish gray (GLEY 1 4/5GY) CLAYSTONE with silt, showing moderate bioturbations, overlaid by a 5 cm gray (GLEY 1 6/N) NODULE with carbonate. Section 23X-4A contains a 1 cm thick layer of black (GLEY 1 2.5/N) clay-rich ASH layer.



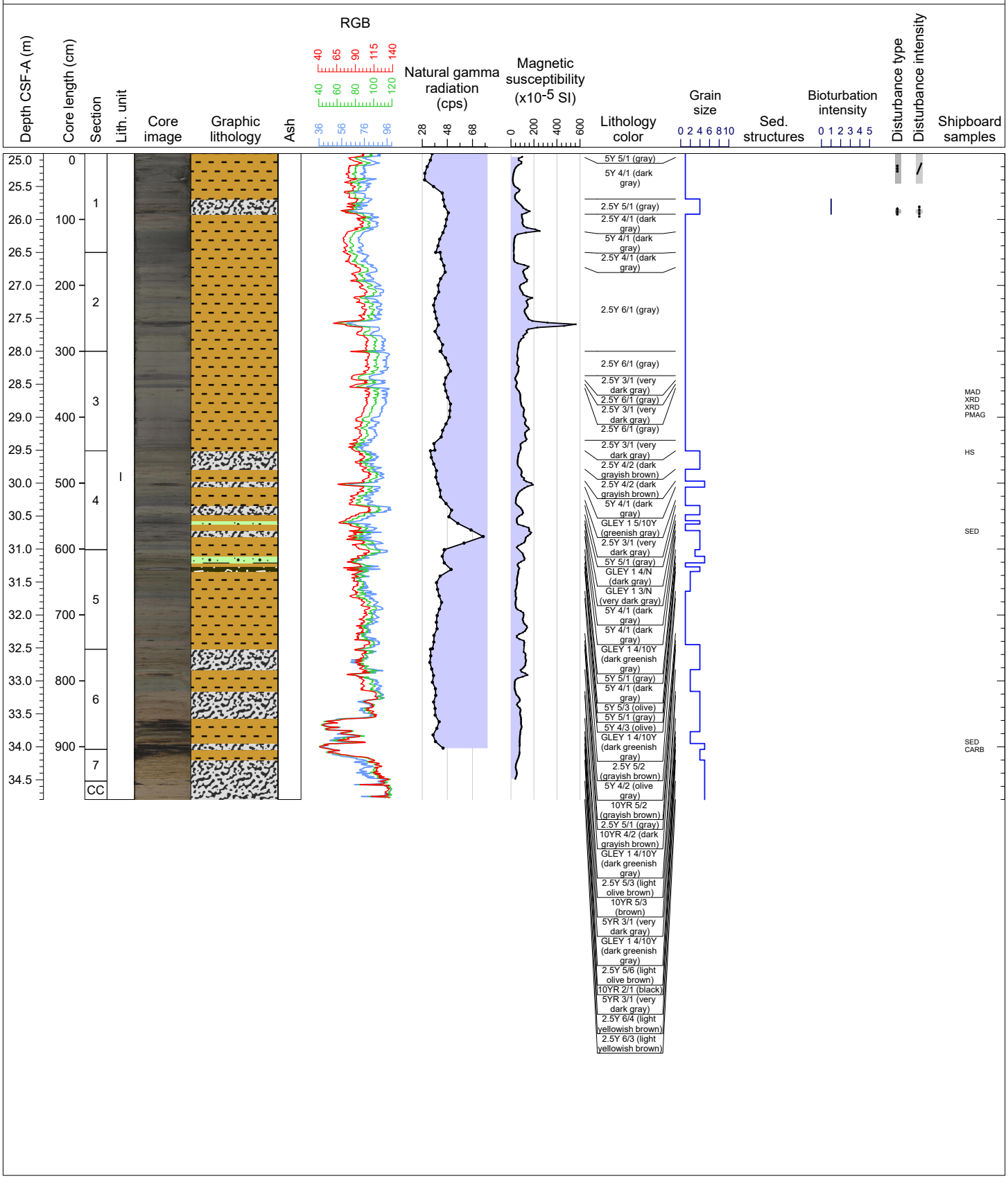
Hole 396-U1567B Core 11, Interval 0.0-0.0 m (CSF-A)

DRILLED INTERVAL



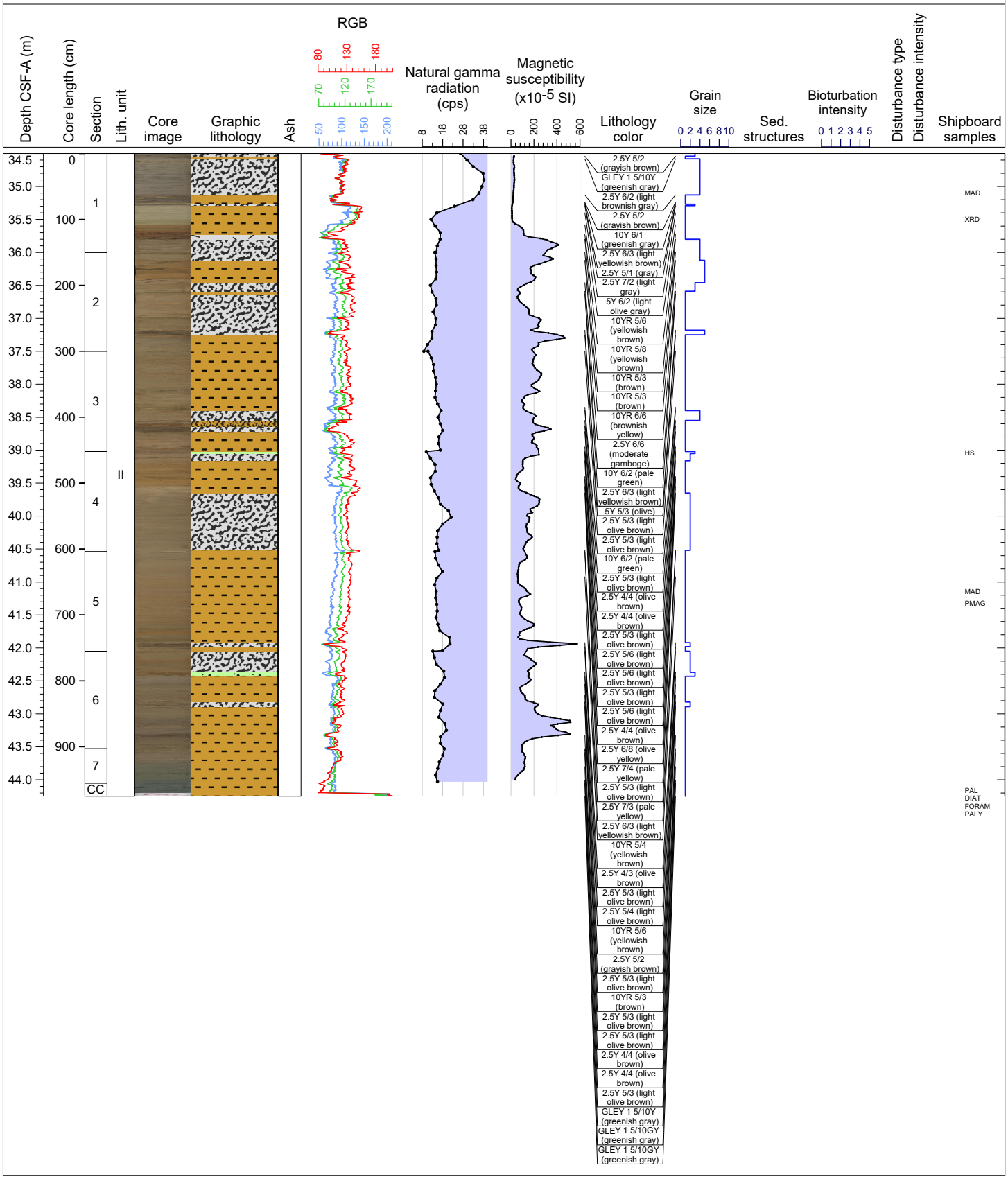
Hole 396-U1567B Core 2H, Interval 25.0-34.8 m (CSF-A)

The core is primarily CLAY with varying amounts of silt, sand and gravel. Dropstones in the form of pebbles, granules and some blebs of unlayered well sorted sand are present throughout. The color varies from very dark gray (2.5Y 3/1) to olive (5Y 5/3).



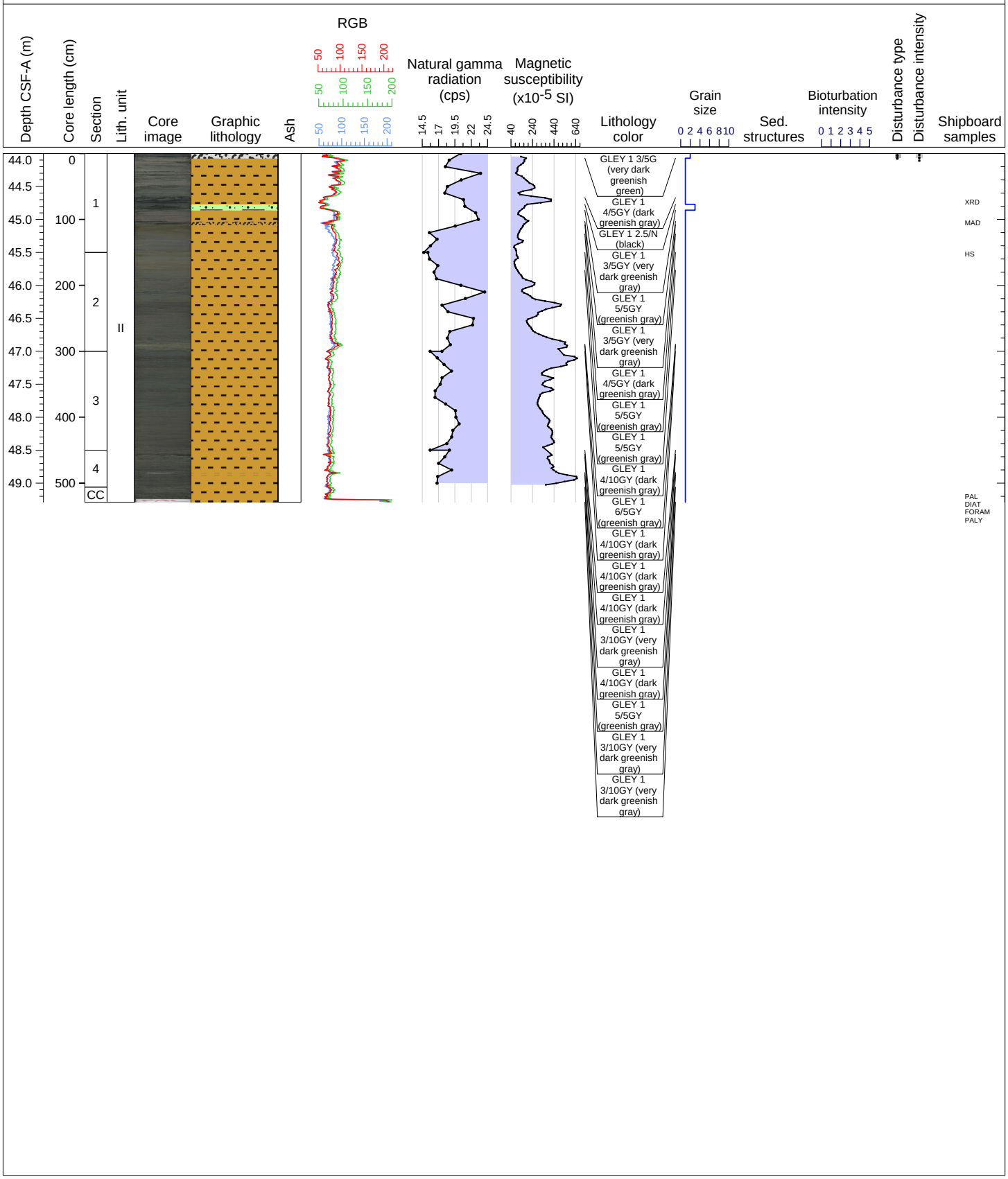
Hole 396-U1567B Core 3H, Interval 34.5-44.25 m (CSF-A)

The core consists of CLAY WITH SAND primarily, though sand content varies throughout. Echinoderm spines are present in section 1 at 123-130 cm. Overall, the core is well sorted and color is highly variable with olive (5Y 5/3), dark greenish gray (GLEY 1 4/10GY), yellowish brown (10YR 5/4), and dark gray intervals (10YR 4/1).



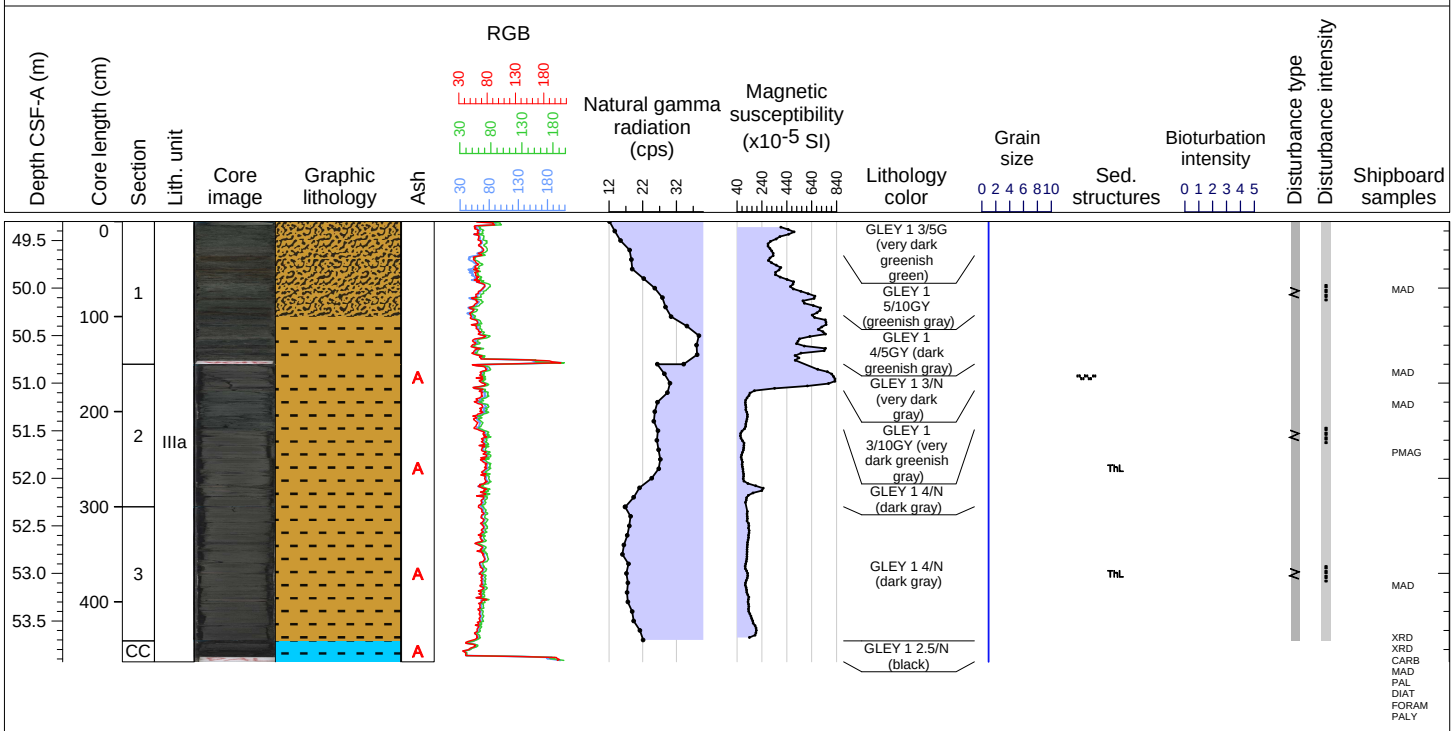
Hole 396-U1567B Core 4H, Interval 44.0-49.29 m (CSF-A)

The core is CLAY often with silt and/or sand. There is a thin bed of CLAYSTONE in section 4 from 32-37 cm. The color ranges from black (GLEY 1 2.5/N) to greenish gray (GLEY 1 5/5GY).



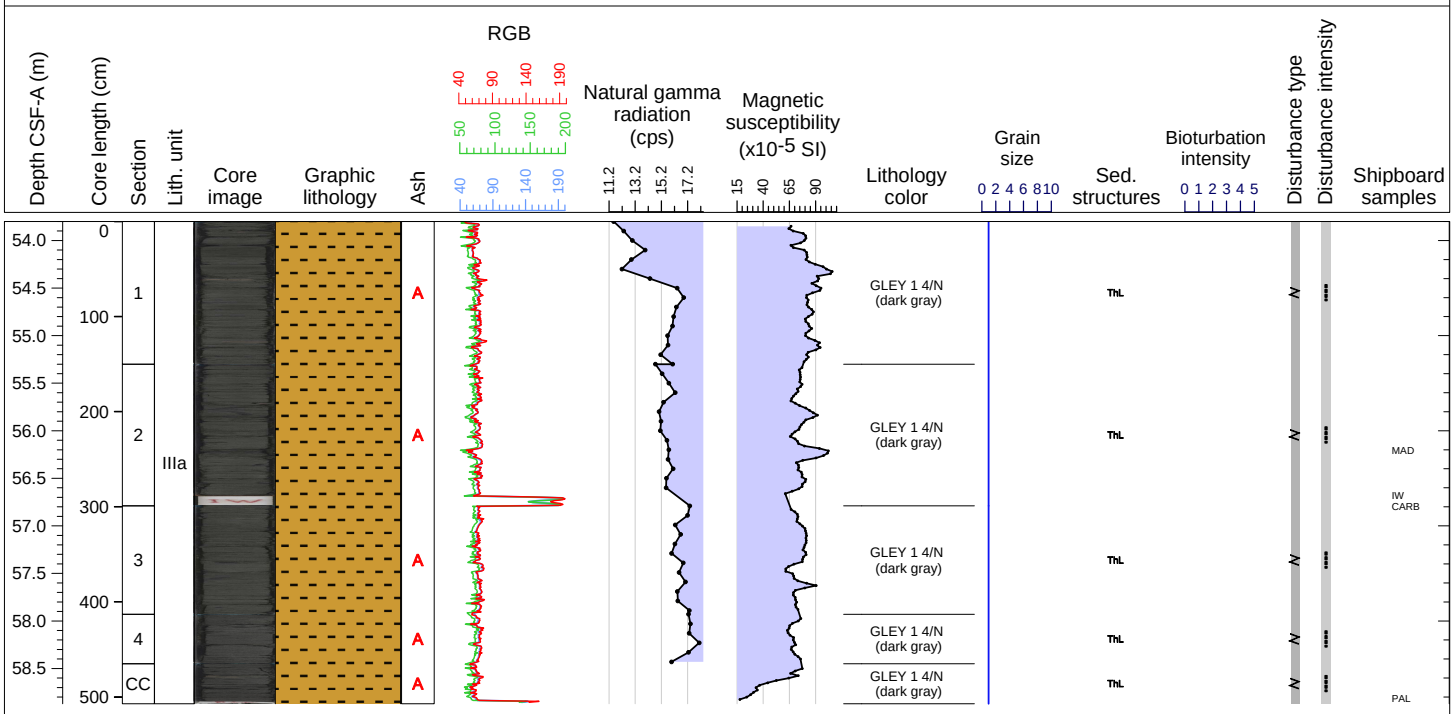
Hole 396-U1567B Core 5X, Interval 49.3-53.93 m (CSF-A)

The top of the core contains silt-rich CLAY, while sections 2 and 3 consist of CLAYSTONE often associated with ash. The core catcher contains carbonaceous CLAYSTONE. Thin parallel laminations are present and the cored interval tends to be very well sorted. The color varies from greenish gray (GLEY 1 5/10GY) to black (GLEY 1 2.5/N; e.g., carbonaceous interval).



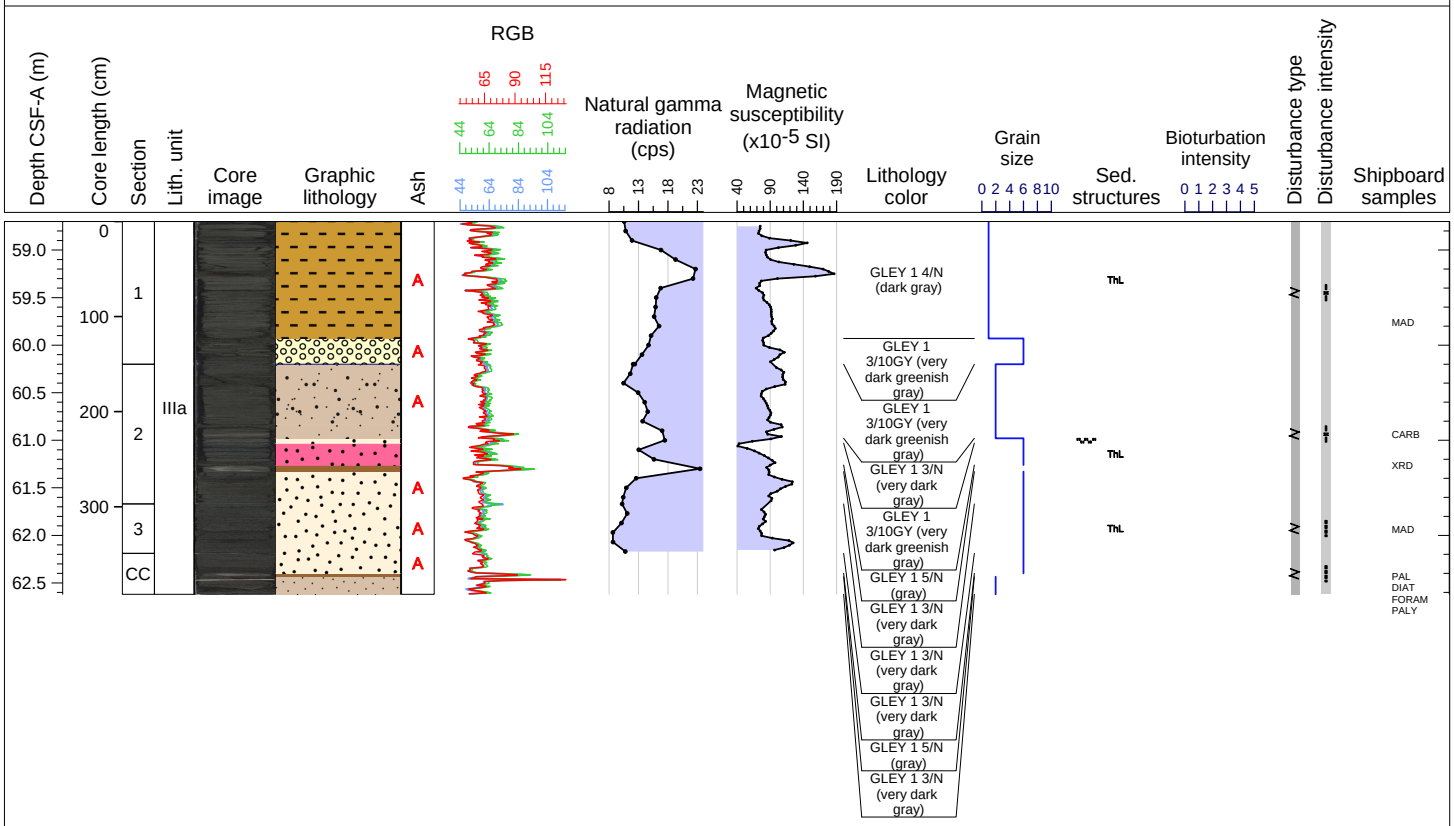
Hole 396-U1567B Core 6X, Interval 53.8-58.87 m (CSF-A)

This core consists entirely of dark gray (GLEY 1 4/N) CLAYSTONE WITH ASH. It is very well sorted with thin laminations.



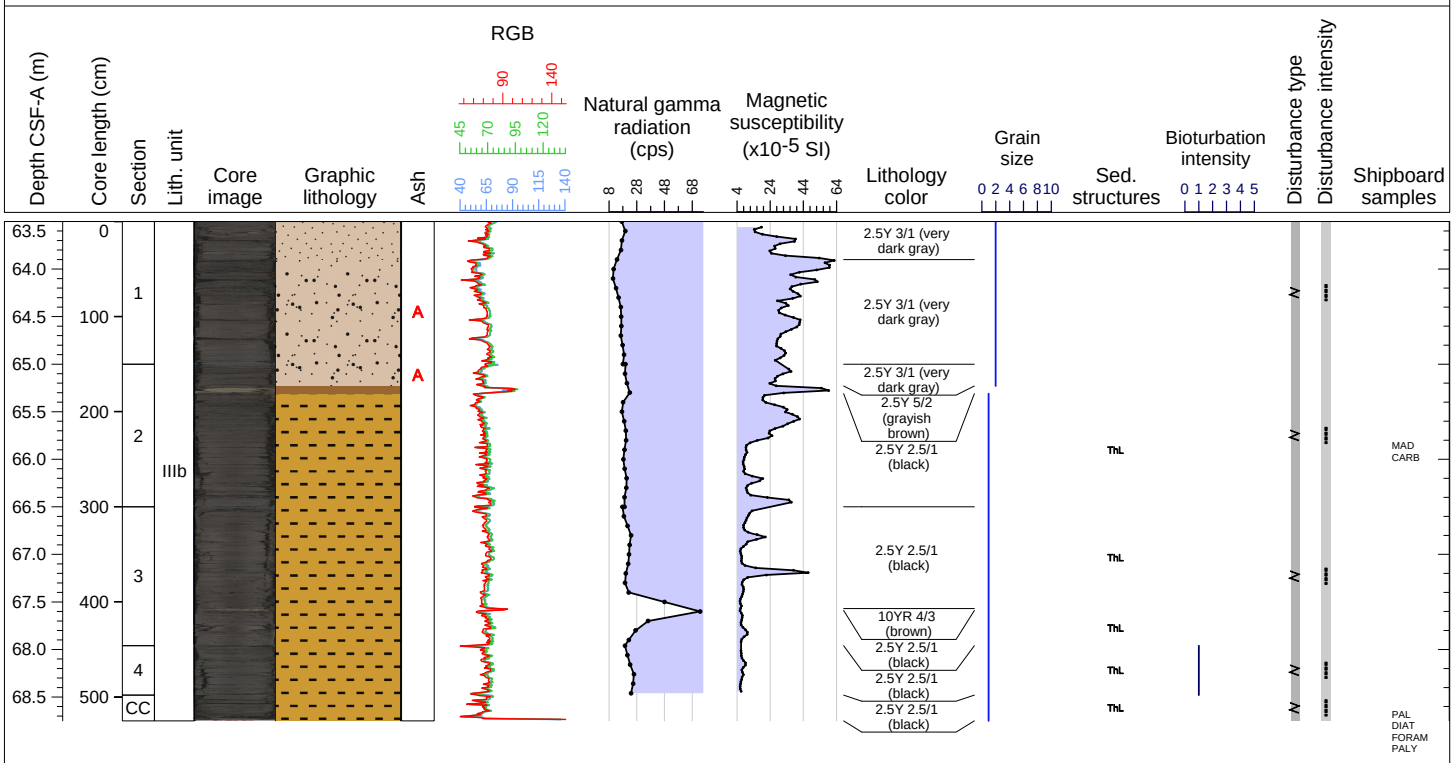
Hole 396-U1567B Core 7X, Interval 58.7-62.62 m (CSF-A)

The core is primarily SAND with thin to medium beds of SANDSTONE, CLAYSTONE and NODULES. Some sands contain volcaniclastic material. Laminations are present in some intervals and color varies from gray (GLEY 1 5/N) to very dark gray (GLEY 1 3/N).



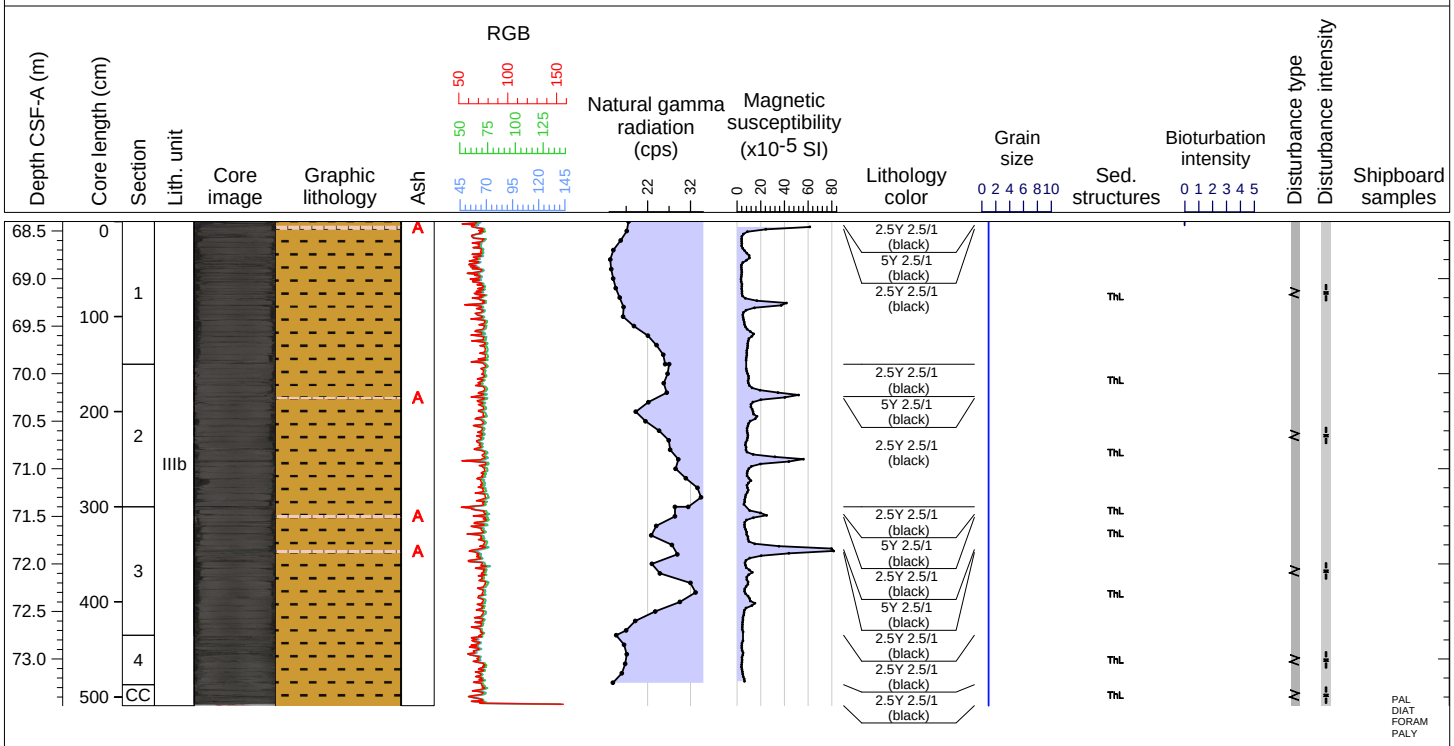
Hole 396-U1567B Core 8X, Interval 63.5-68.75 m (CSF-A)

The top interval of the core (to section 2) consists of SILTSTONE (very dark gray; 2.5Y 3/1). Below this, the texture fines to CLAYSTONE, brown to black in color (10YR 4/3 to 2.5Y 2.5/1, respectively). Thin laminations are present in the CLAYSTONE interval.



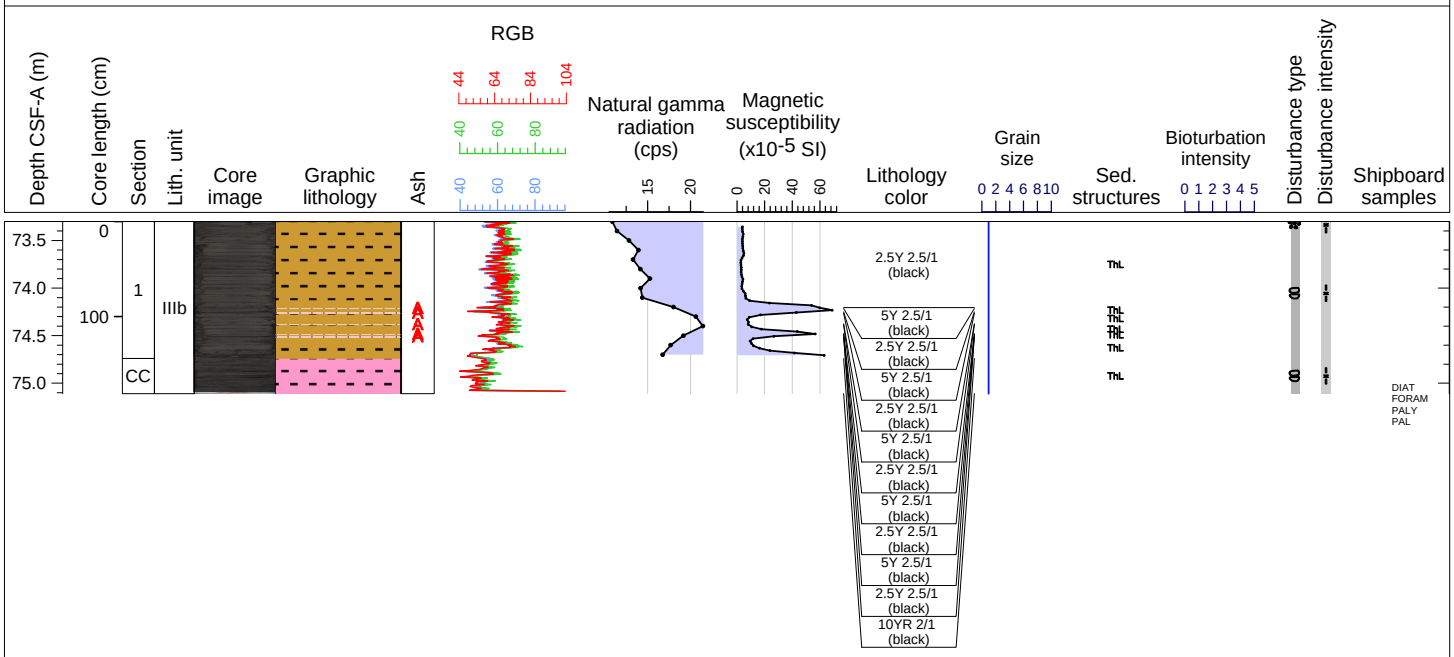
Hole 396-U1567B Core 9X, Interval 68.4-73.49 m (CSF-A)

The core consists of interbedded ASH and CLAYSTONE WITH SILT. It is entirely black (i.e., predominantly 2.5Y 2.5/1) and mostly contain thin parallel laminations.



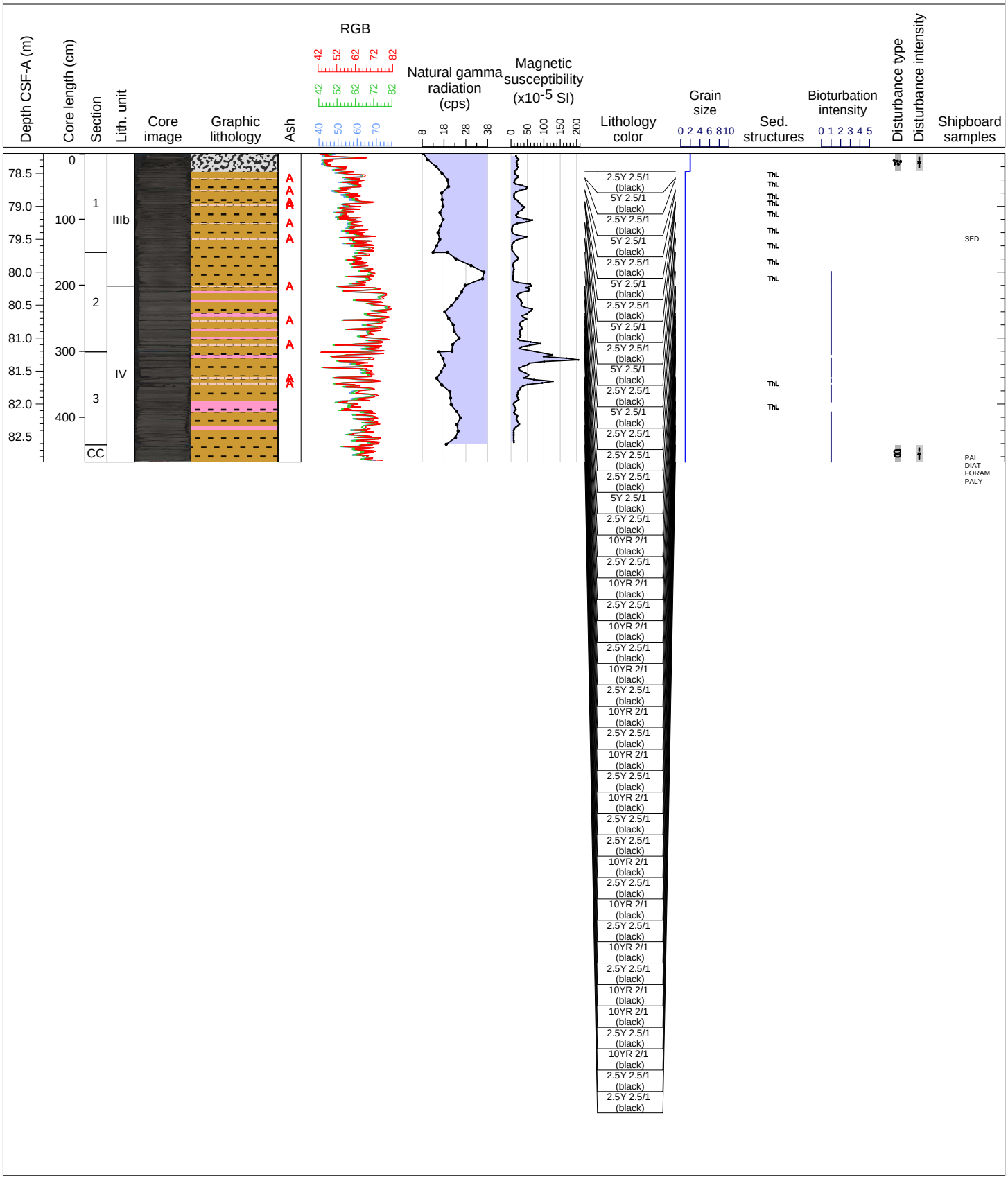
Hole 396-U1567B Core 10X, Interval 73.3-75.11 m (CSF-A)

The core consists of interbedded ASH and CLAYSTONE WITH SILT. It is entirely black (i.e., predominantly 2.5Y 2.5/1) and mostly contain thin parallel laminations. An ASH-RICH CLAYSTONE with sand is present in the core catcher.



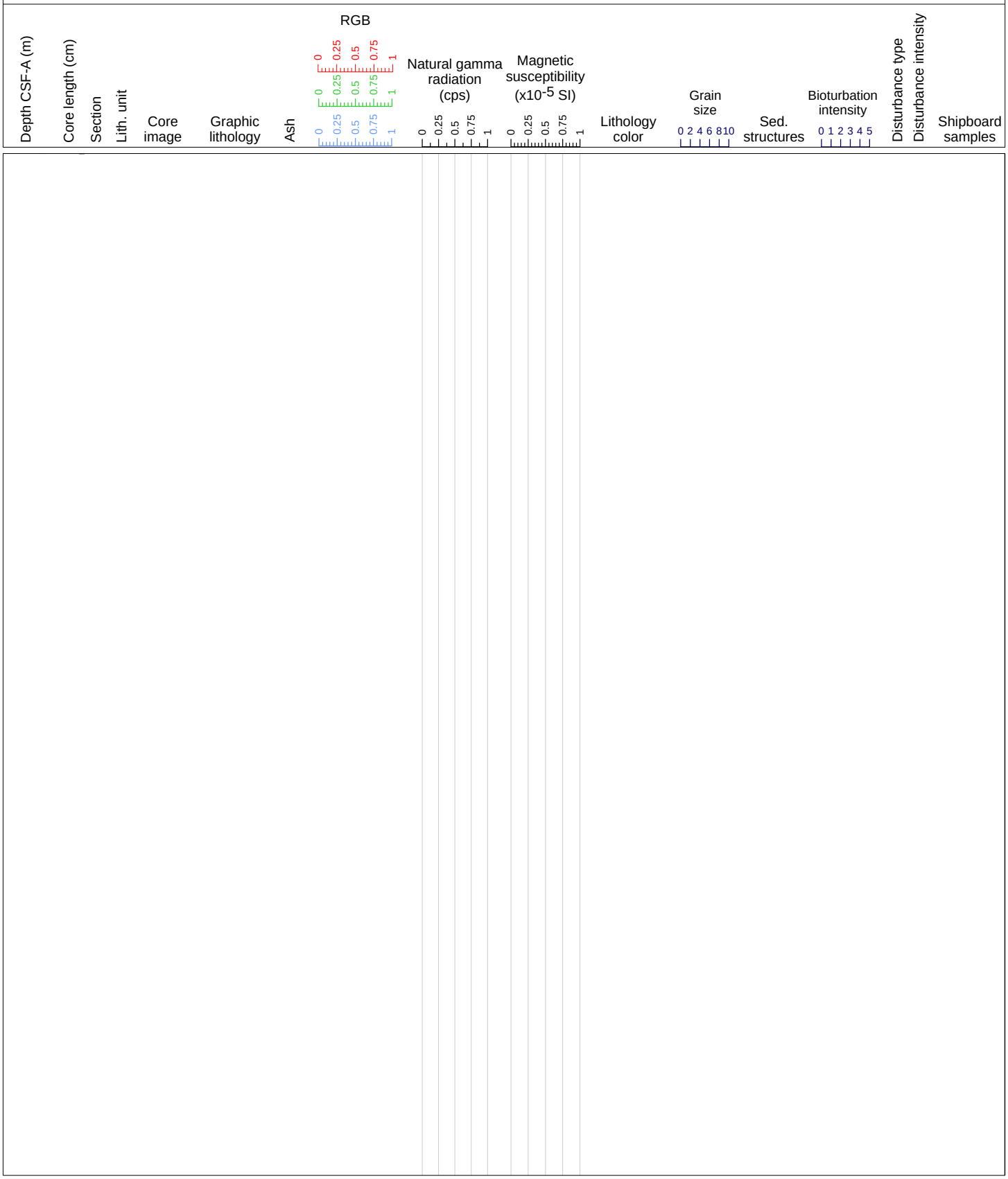
Hole 396-U1567B Core 11X, Interval 78.2-82.88 m (CSF-A)

The core consists of interbedded ASH, CLAYSTONE WITH SILT and ASH-RICH CLAYSTONE. It is entirely black (e.g., 2.5Y 2.5/1). In section 1 and the top of section 2 thin parallel laminations are present. Below this, bioturbation is present, likely removing any laminated structure.



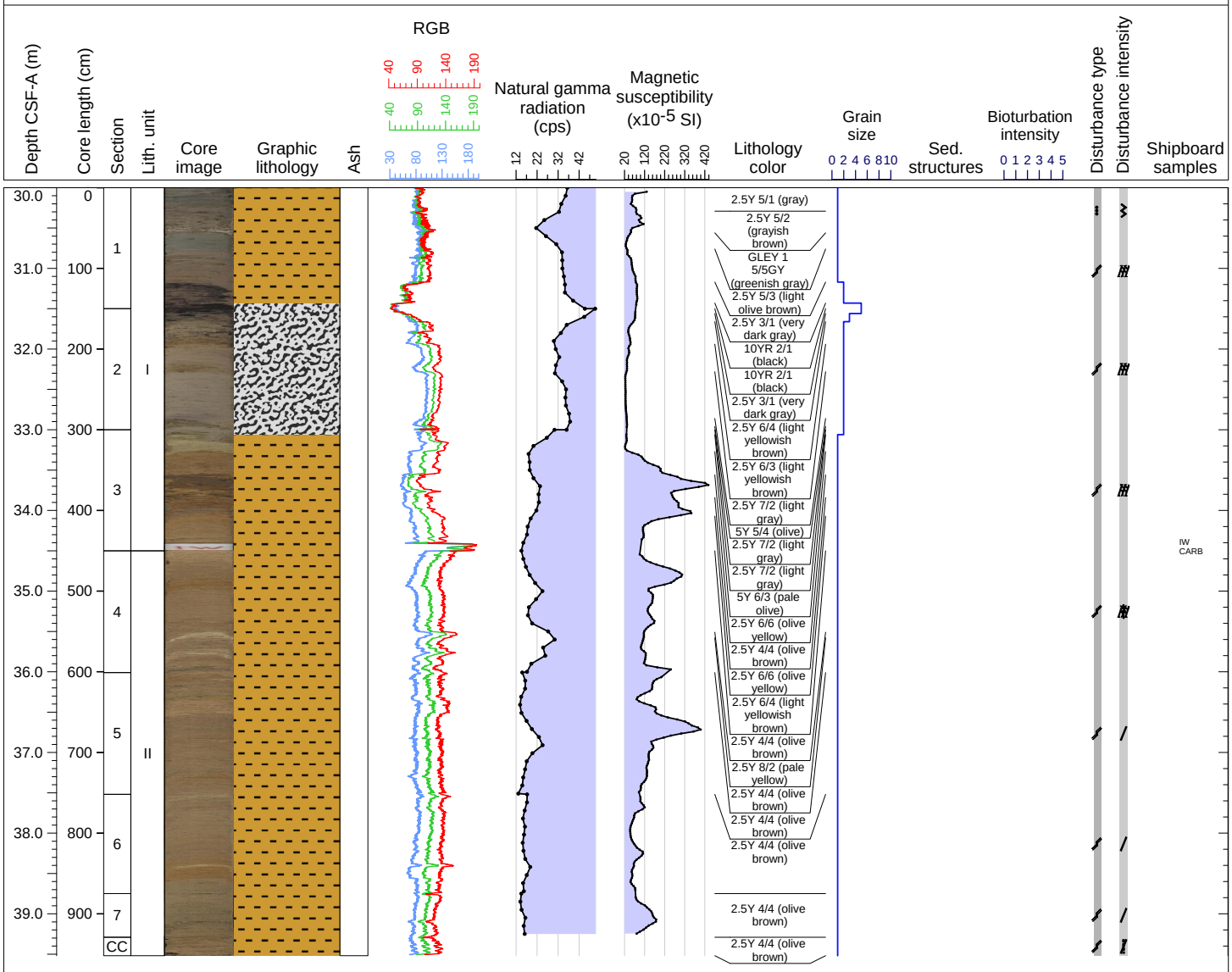
Hole 396-U1567C Core 11, Interval 0.0-30.0 m (CSF-A)

DRILLED INTERVAL



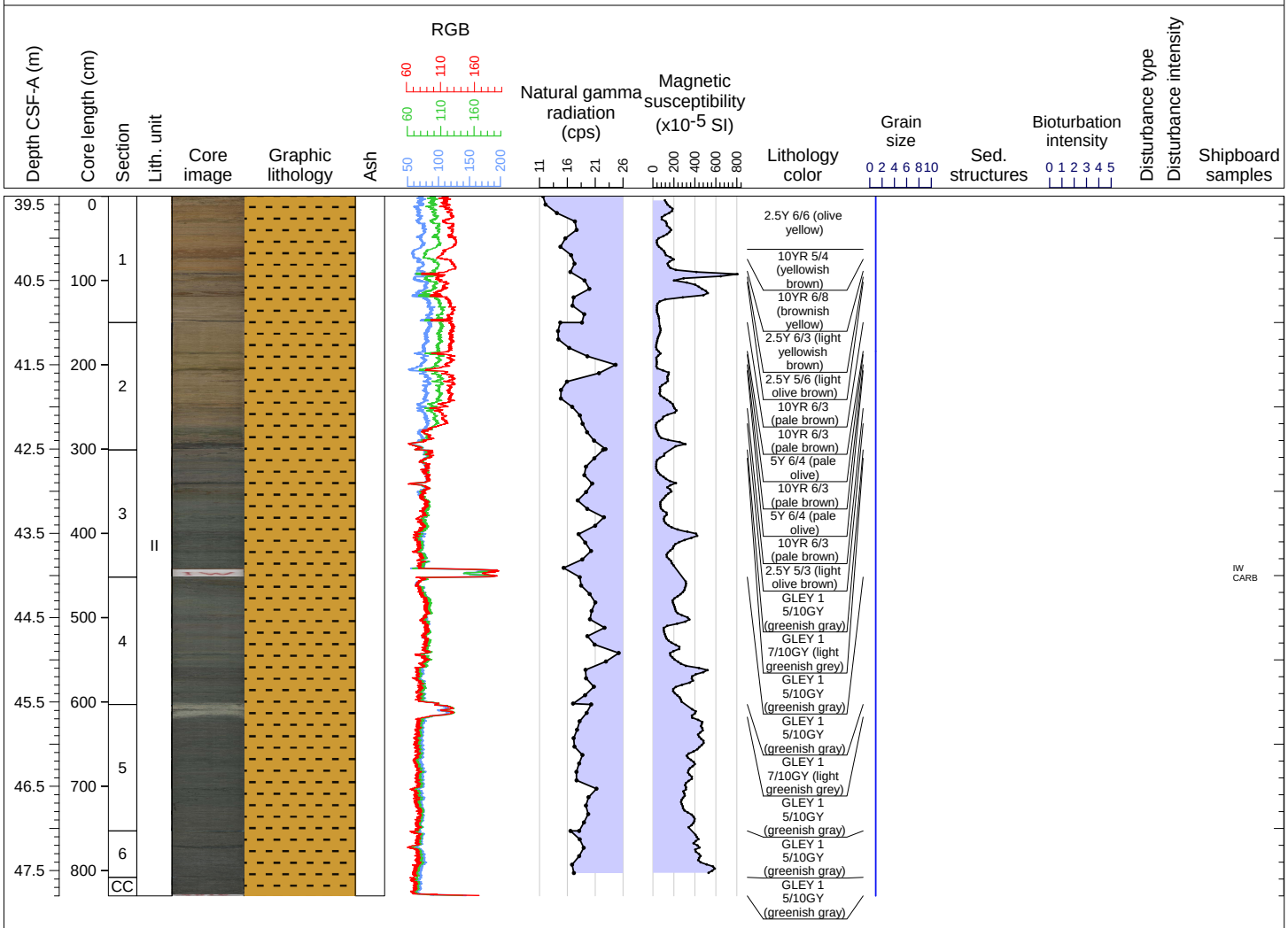
Hole 396-U1567C Core 2H, Interval 30.0-39.52 m (CSF-A)

Core 2 consists of GRAY to GRAYISH BROWN (2.5Y 5/1, 2.5Y 5/2) and VERY DARK GRAY to BLACK (2.5Y 3/1, 10YR 2/1) clay with silt with some rich sand intervals. From section 3 the color changes to PALE OLIVE to OLIVE YELLOW and OLIVE BROWN (5Y 5/4, 2.5Y 6/6, 2.5Y 4/4).



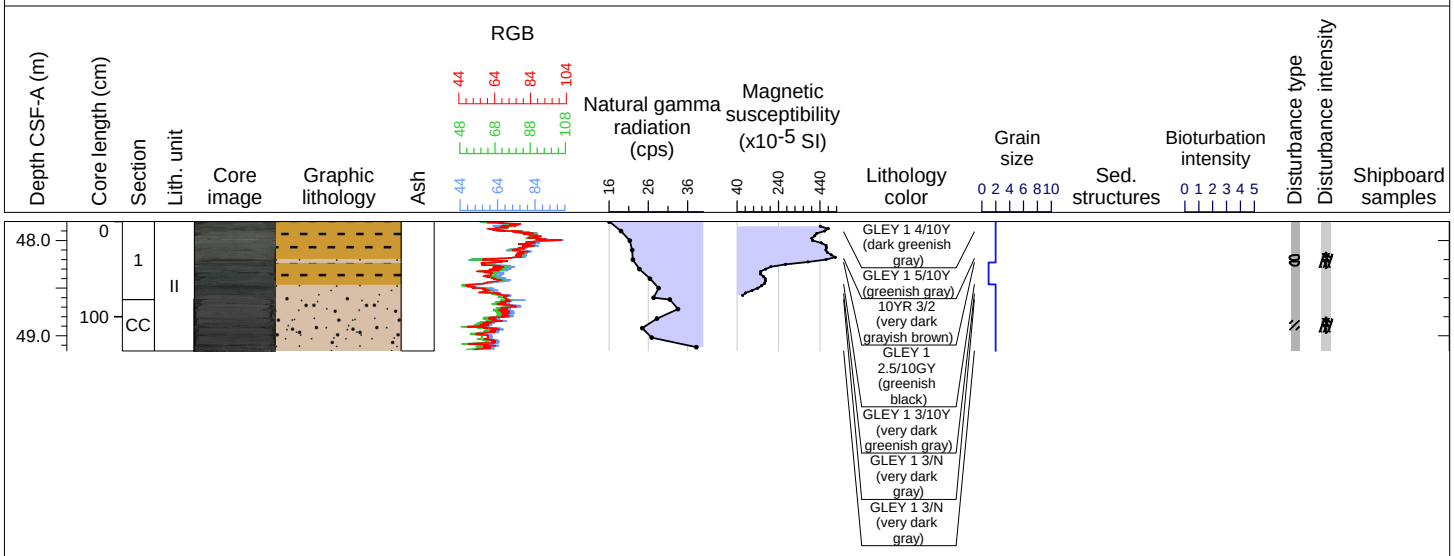
Hole 396-U1567C Core 3H, Interval 39.5-47.8 m (CSF-A)

Core 3 consists of clay with silt OLIVE BROWN to OLIVE YELLOW (2.5Y 4/4, 2.5Y 6/6) transitioning to GREENISH GRAY (GLEY 1 5/10GY) from section 3 and to the bottom.



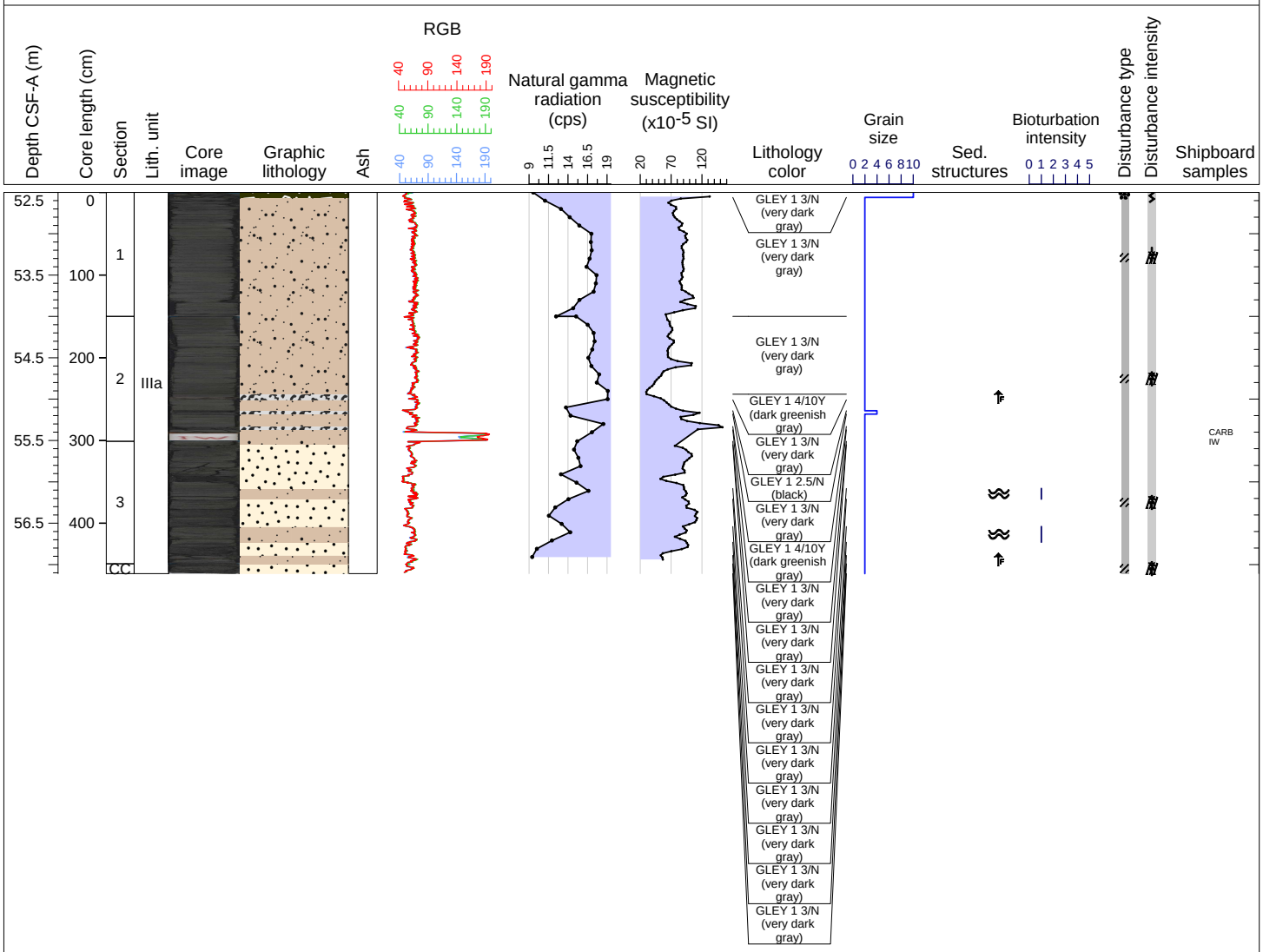
Hole 396-U1567C Core 4X, Interval 47.8-49.16 m (CSF-A)

Core 4 consists of interbedded layers of GREENISH GRAY (GLEY 1 5/10GY) to GREENISH BLACK (GLEY 1 2.5/10GY) clay with silt and VERY DARK GRAYISH BROWN (10YR 3/2) to VERY DARK GRAY (GLEY 1 3/N) sand rich siltstone with clay.



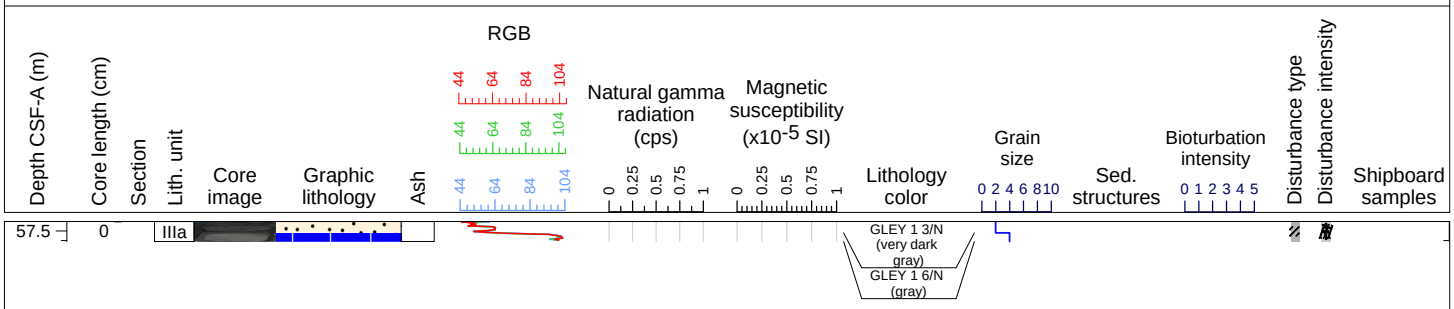
Hole 396-U1567C Core 5X, Interval 52.5-57.11 m (CSF-A)

Core 5 consists of alternations of siltstone, claystone and sandstone from DARK GREENISH GRAY (GLEY 1 4/10Y) to VERY DARK GRAY (GLEY 1 3/N) and BLACK (GLEY 1 2.5N). Wavy lamination and fining upward structures are also observed throughout.



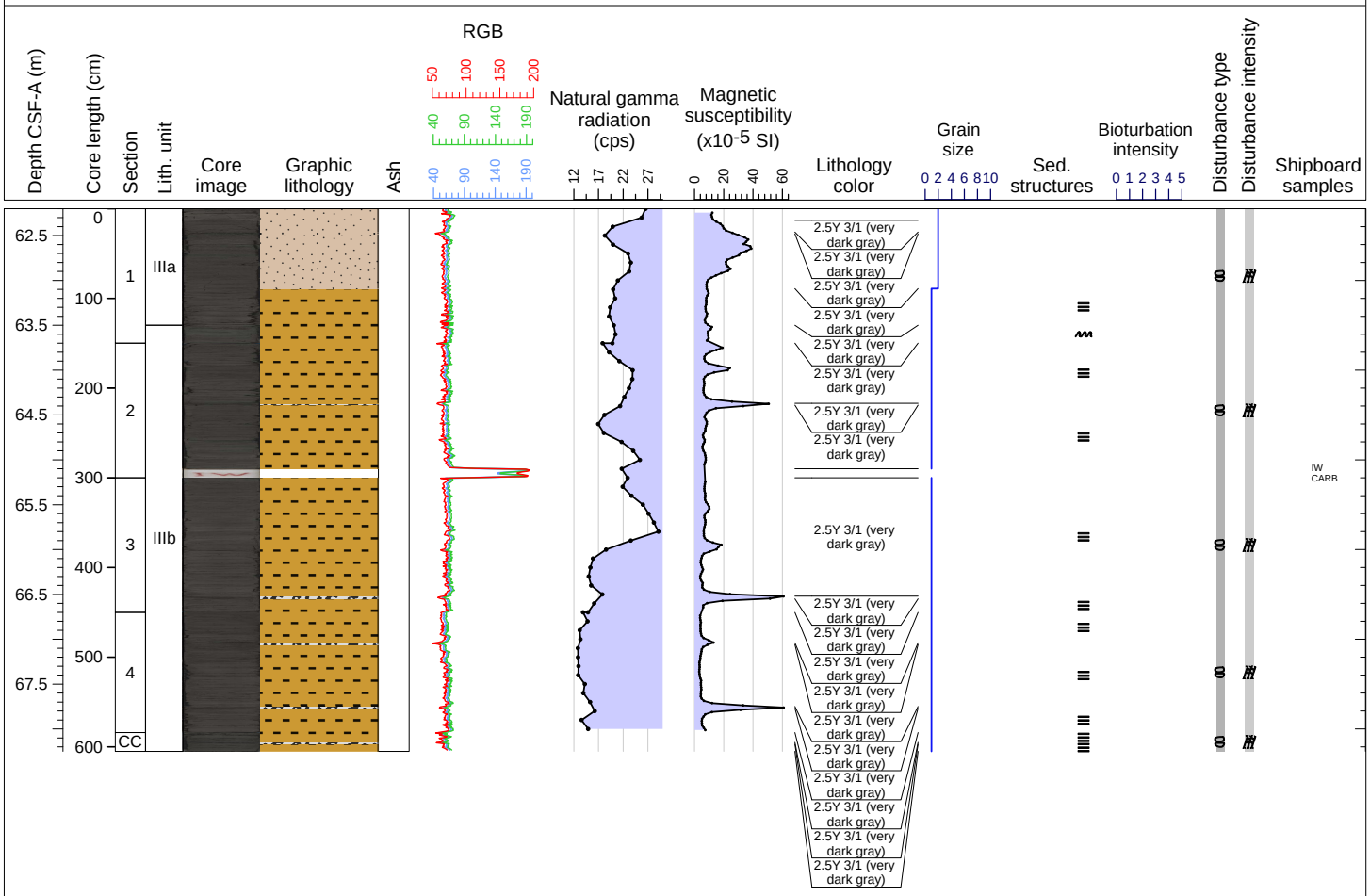
Hole 396-U1567C Core 6X, Interval 57.4-57.61 m (CSF-A)

Core 6 consists of VERY DARK GREY (GLEY 1 3/N) sandstone with silt and GRAY limestone (GLEY 1 6/N).



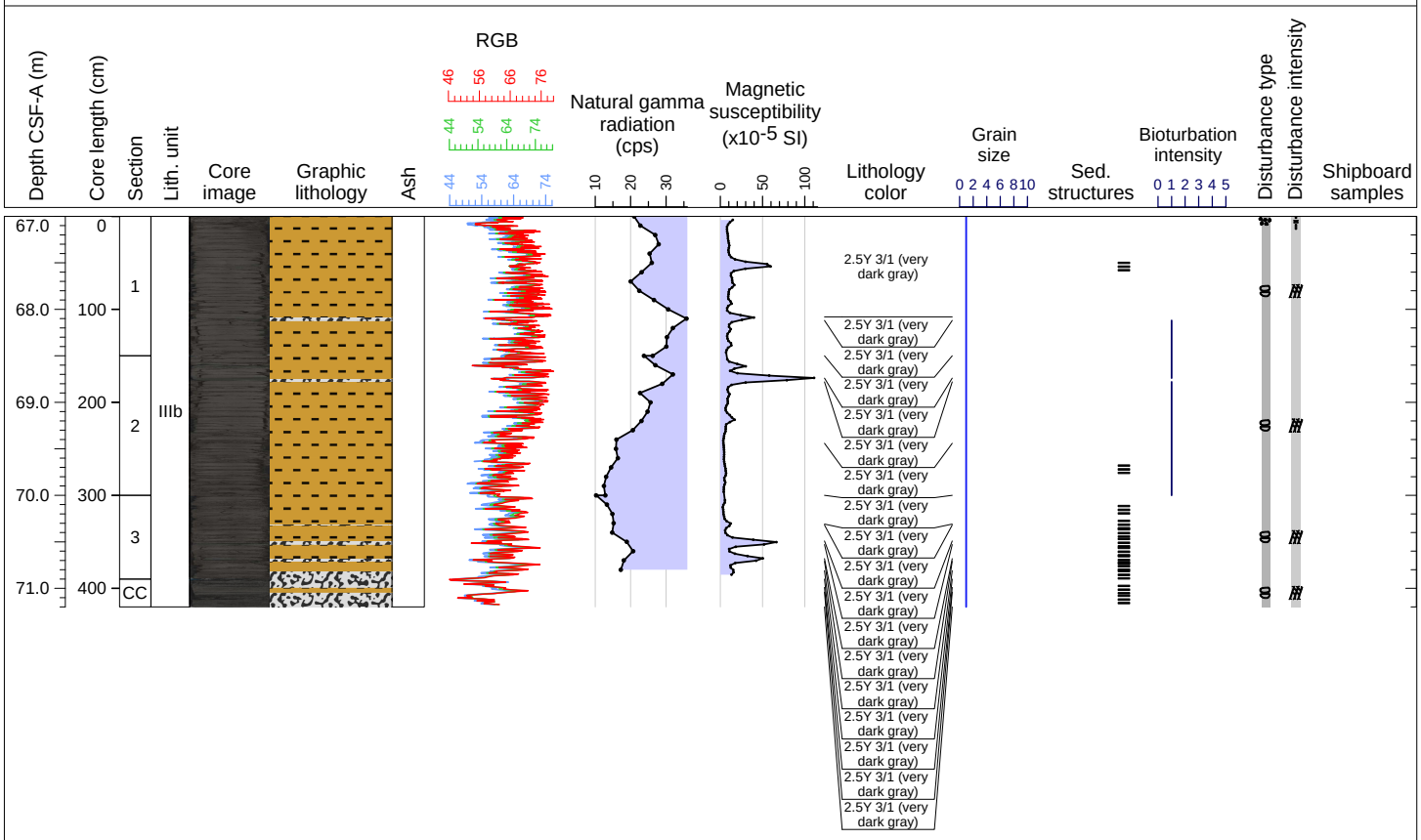
Hole 396-U1567C Core 7X, Interval 62.2-68.25 m (CSF-A)

Core 7 consists of VERY DARK GRAY (2.5Y 3/1) siltstone with various amounts of sand and locally gravels to VERY DARK GRAY (2.5Y 3/1) sand rich claystone. Parallel lamination is also observed.



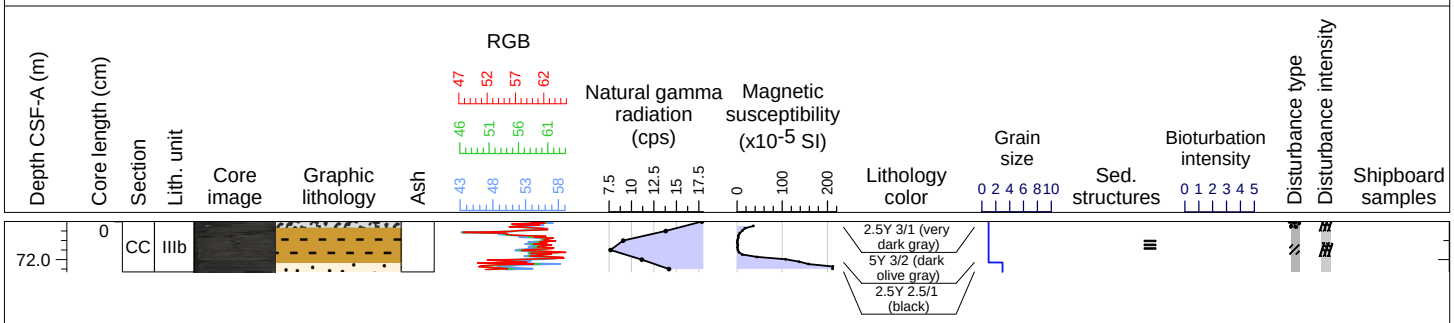
Hole 396-U1567C Core 8X, Interval 67.0-71.2 m (CSF-A)

Core 8 consists of VERY DARK GRAY (2.5Y 3/1) claystone with various amounts of sand. Parallel lamination is observed in this core.



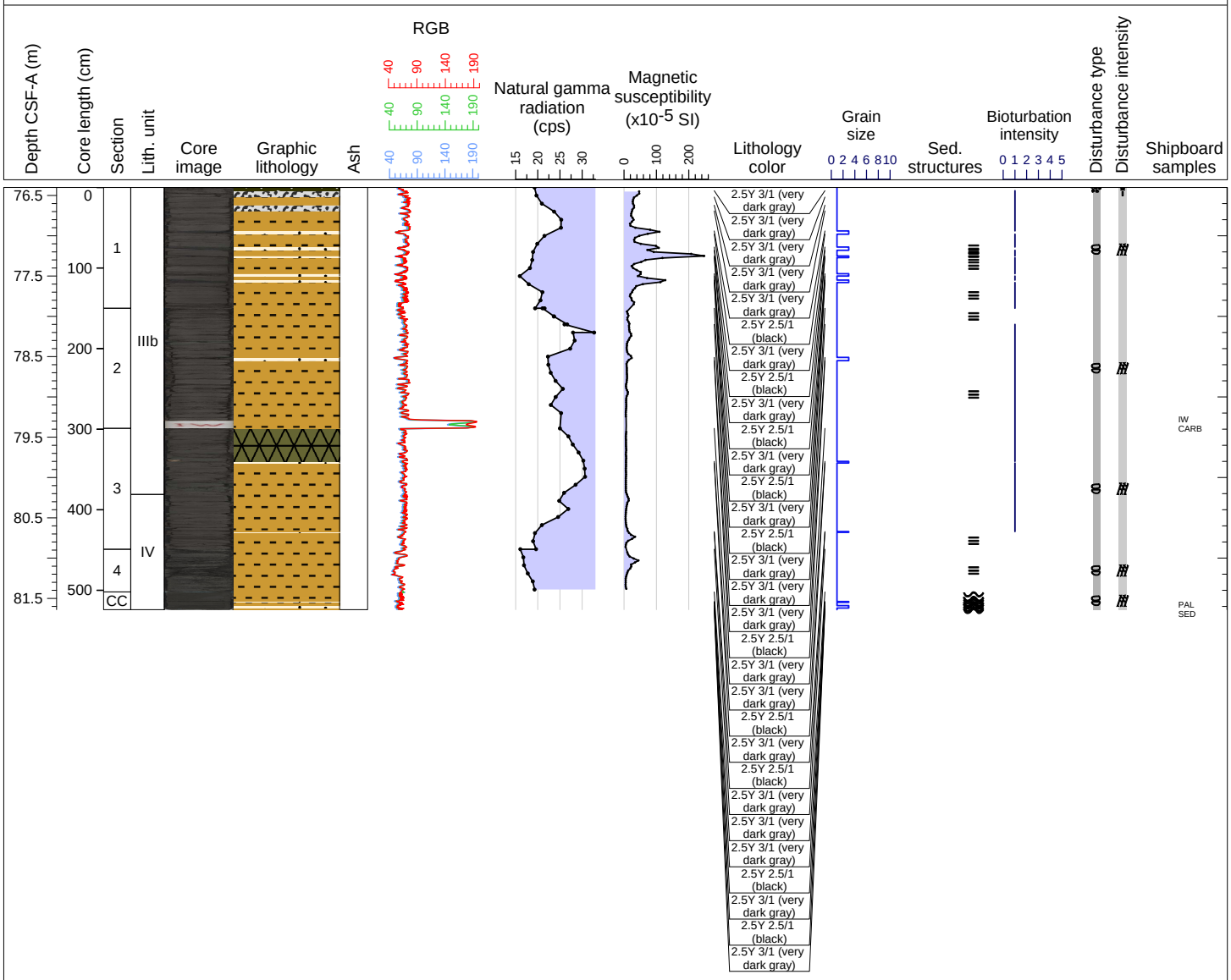
Hole 396-U1567C Core 9X, Interval 71.6-72.13 m (CSF-A)

Core 9 consists of VERY DARK GRAY (2.5Y 3/1) to DARK OLIVE GRAY (5Y 3/2) and BLACK (2.5YN2.5/1) sand rich clay to claystone with sand and sand with clay.



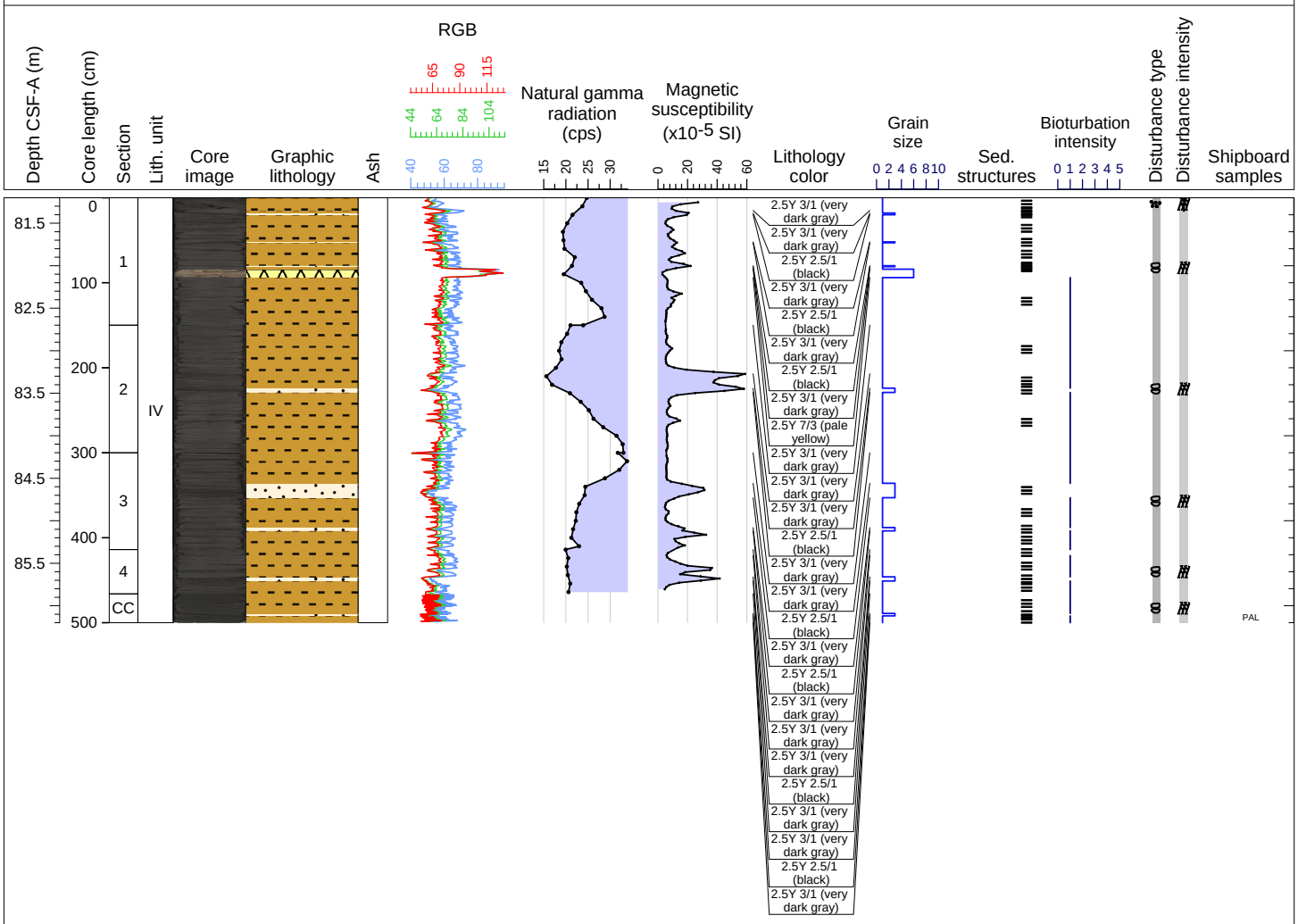
Hole 396-U1567C Core 10X, Interval 76.4-81.64 m (CSF-A)

Core 10 consists of alternations of sand and claystone with sand from VERY DARK GRAY (2.5Y 3/1) to BLACK (2.5Y 2.5/1). Parallel lamination is also observed in this core as well as contorted strata.



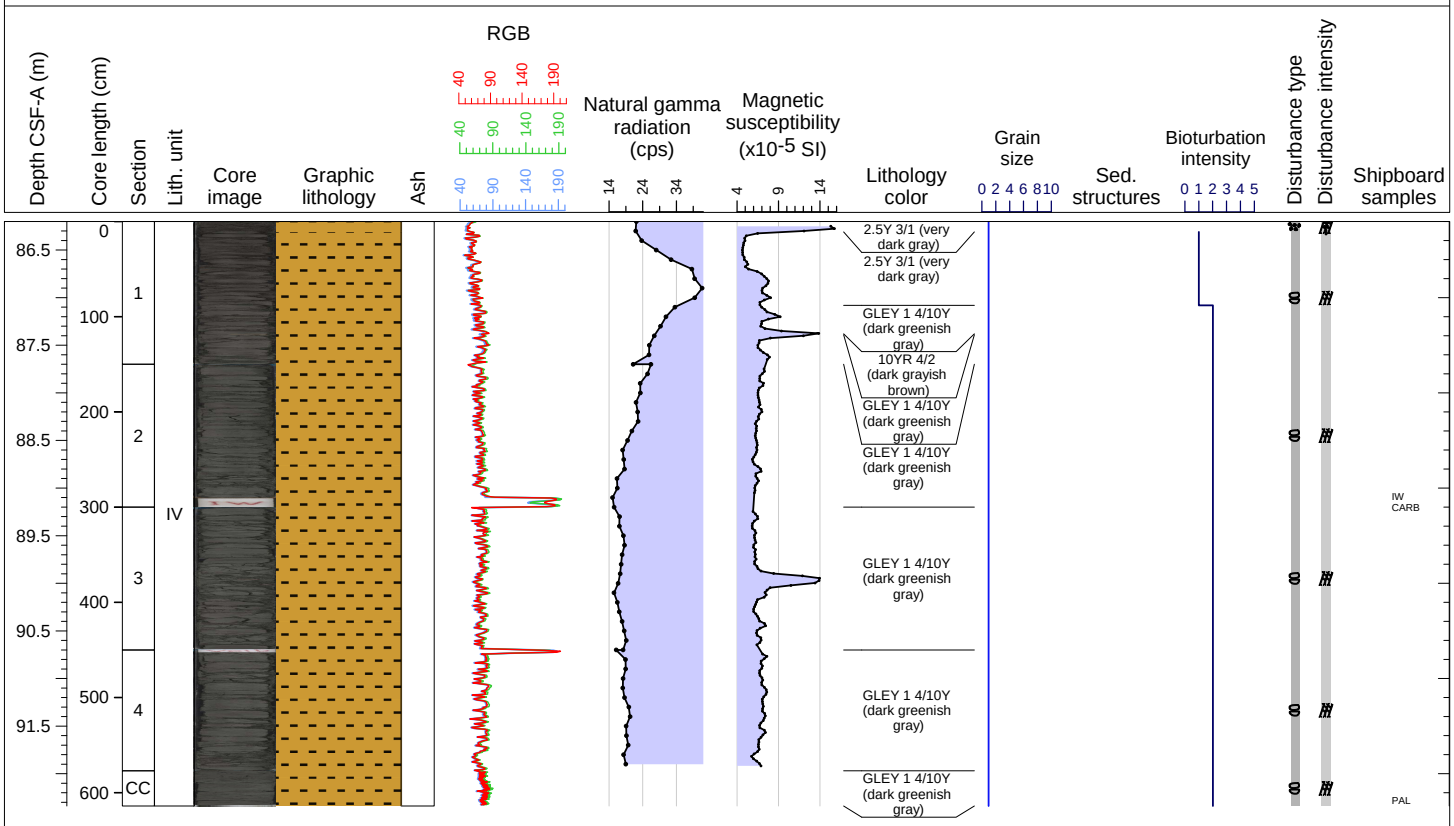
Hole 396-U1567C Core 11X, Interval 81.2-86.2 m (CSF-A)

Core 11 consists of alternations of sand and claystone with sand from VERY DARK GRAY (2.5Y 3/1) to BLACK (2.5Y 2.5/1). Parallel lamination is also observed in this core as well as contorted strata. A layer of glendonite chalk is present at section 1.



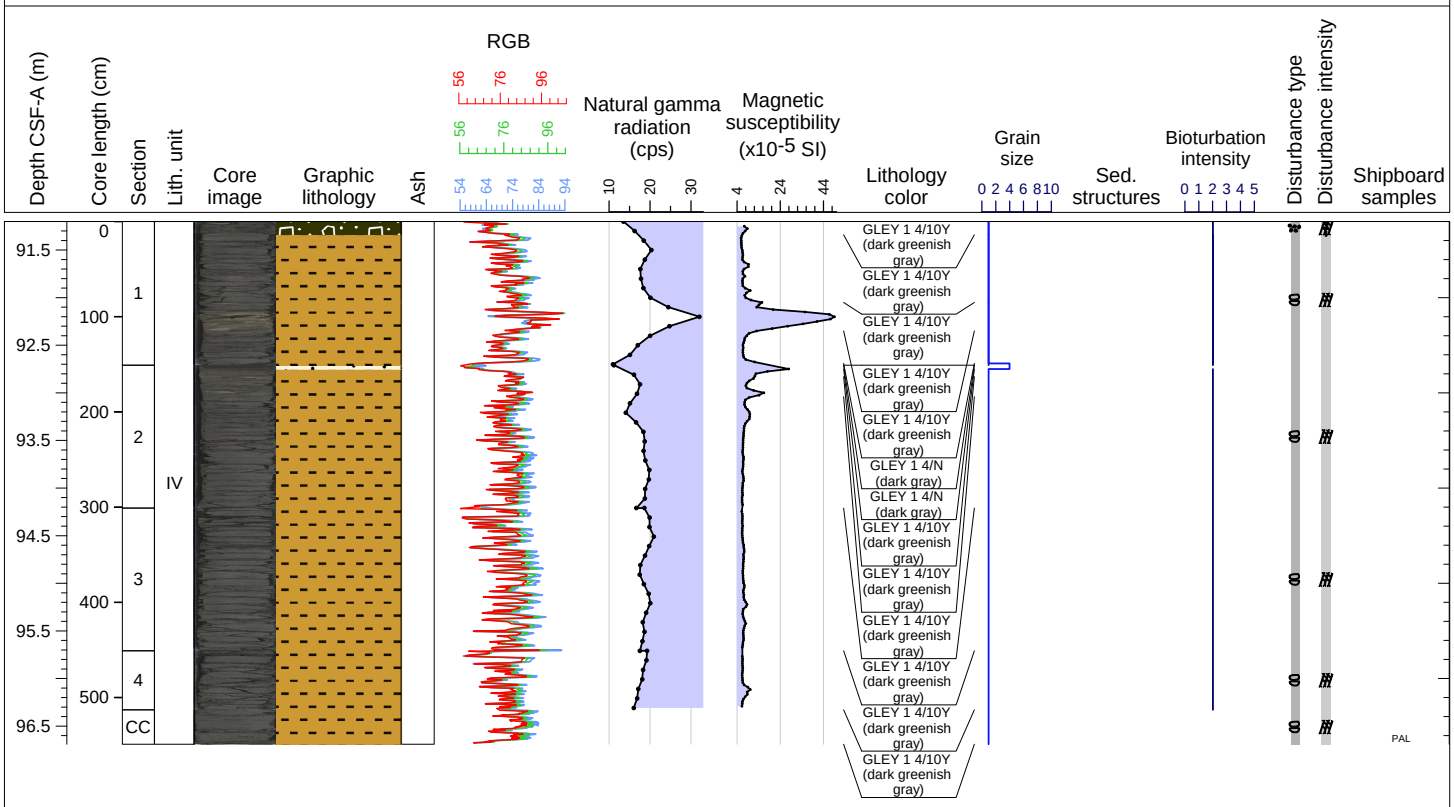
Hole 396-U1567C Core 12X, Interval 86.2-92.34 m (CSF-A)

Core 12 consist of claystone with silt and sand and locally nodules VERY DARK GRAY (2.5Y 3/1) to DARK GREENISH GRAY (GLEY 1 4/10Y). Moderate bioturbation at the end of the core.



Hole 396-U1567C Core 13X, Interval 91.2-96.69 m (CSF-A)

Core 13 consists of DRAK GREENISH GRAY (GLEY 1 4/10Y) claystone with silt and claystone with carbonates. Gravels are also present.



Hole 396-U1567C Core 14X, Interval 96.2-106.03 m (CSF-A)

Core 14 consists of DRAK GREENISH GRAY (GLEY 1 4/10Y) claystone with silt.