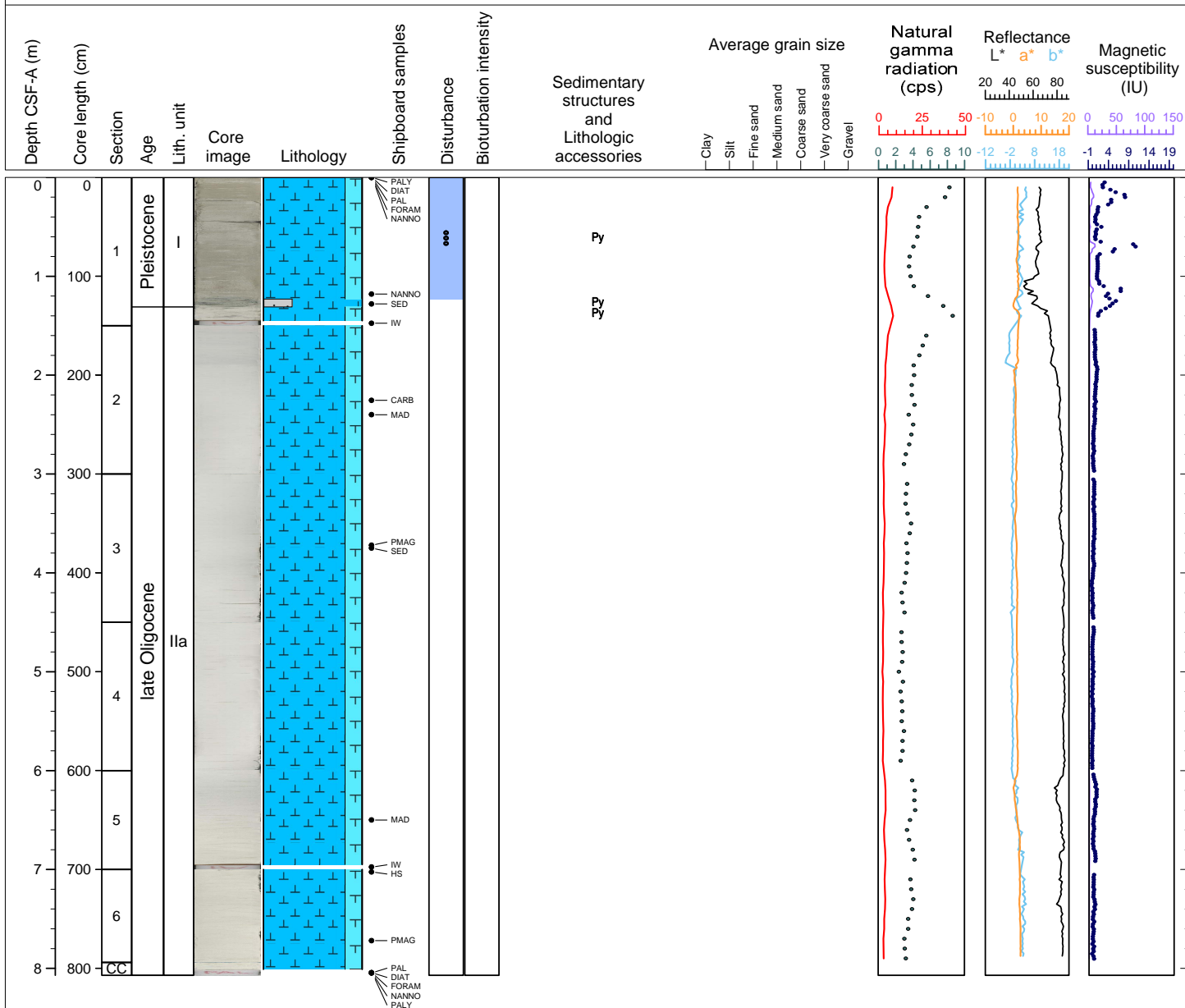


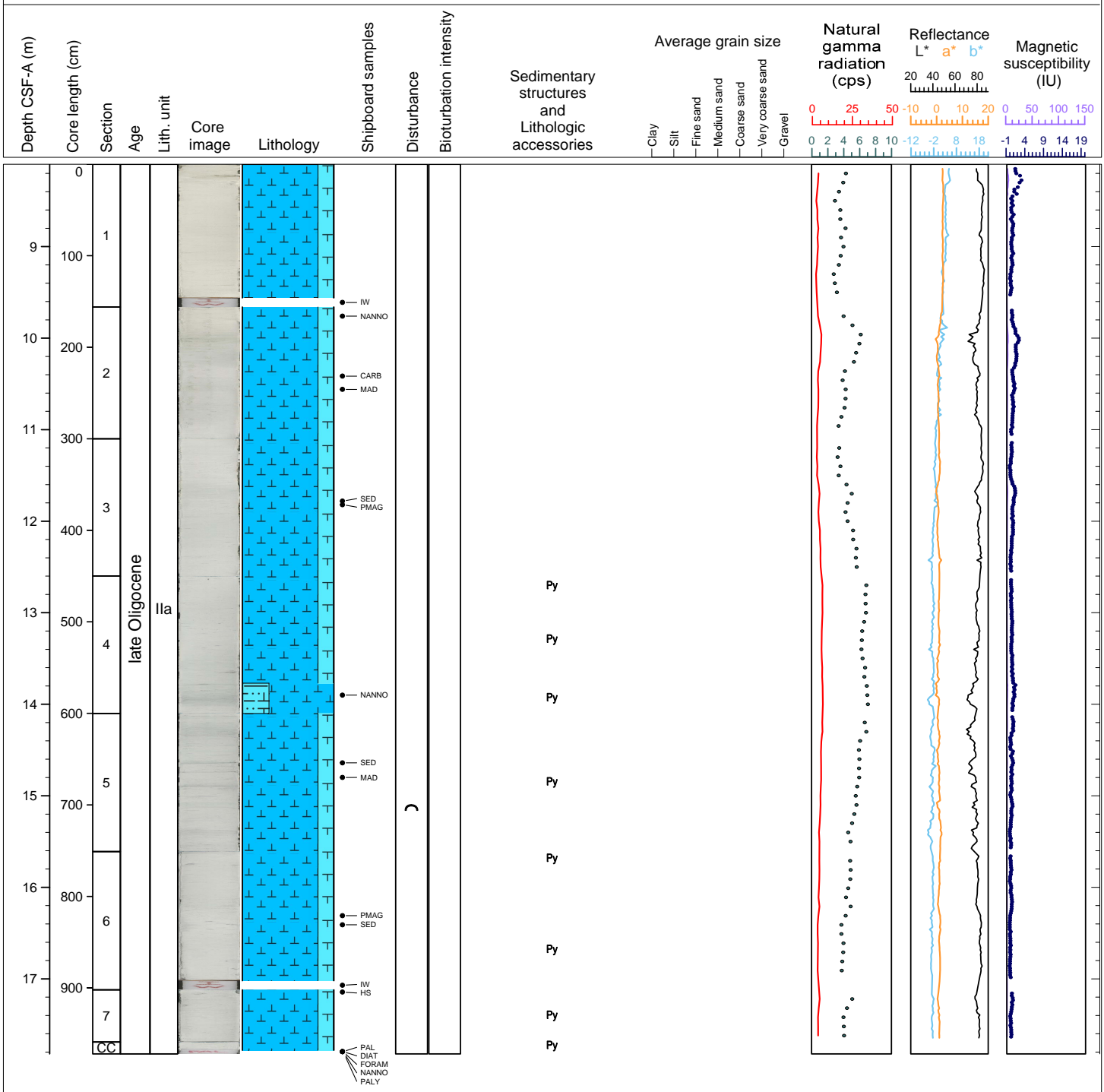
Hole 392-U1579A Core 1H, Interval 0.0-8.07 m (CSF-A)

Core U1579A-1H consists of white nannofossil ooze with foraminifera. In Section 1, the top ~125 cm (near the mudline) is moderately soupy. This same interval contains sporadic sand-sized opaque grains that are suspected to be pyrite. An interval in Section 1 (~123-131 cm) is gray due to the minor abundance of sand-sized lithic grains, pyrite, and glauconite.



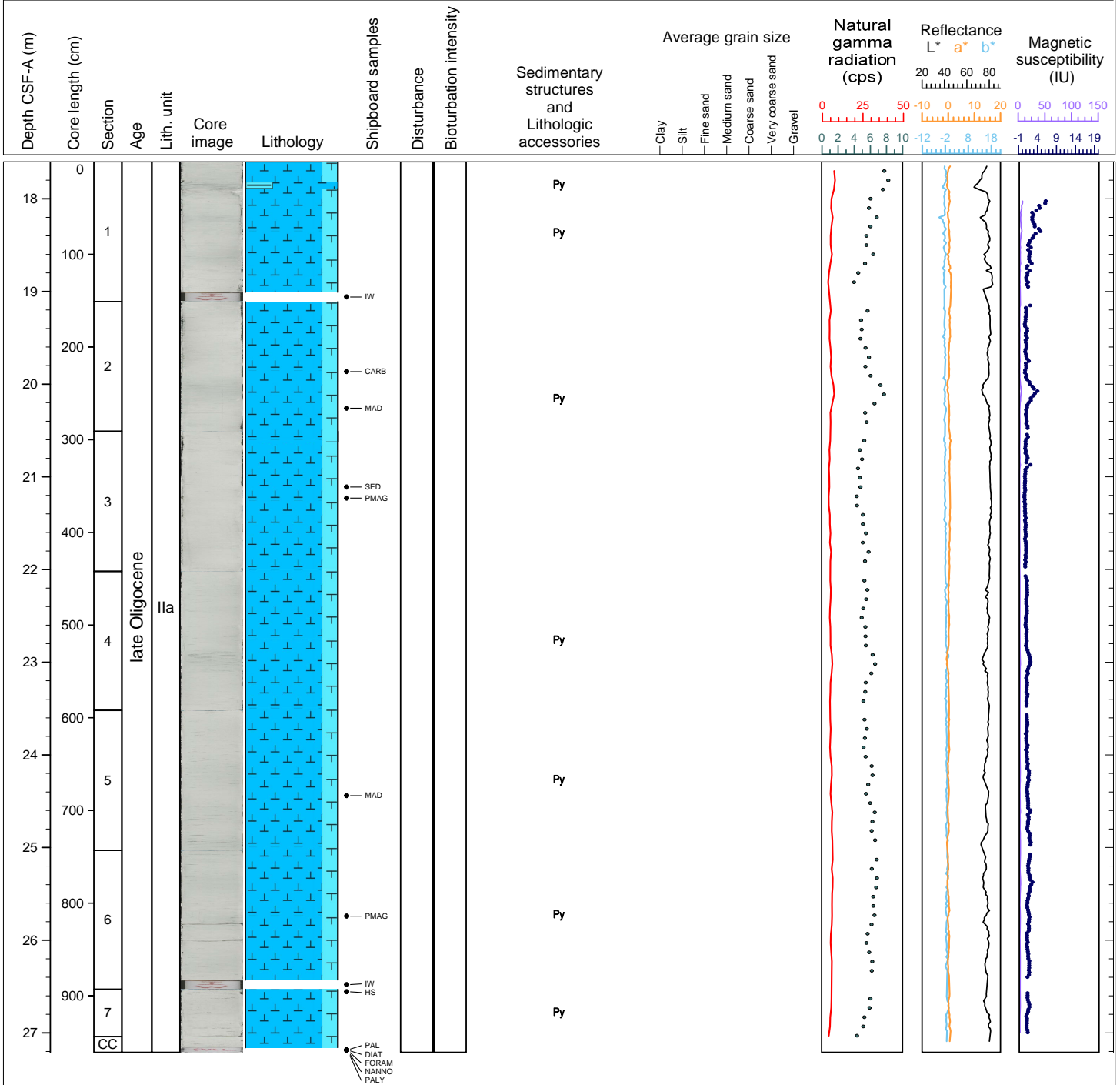
Hole 392-U1579A Core 2H, Interval 8.1-17.82 m (CSF-A)

Core U1579A-2H consists of white nannofossil ooze with foraminifera. Bedding varies from massive to mottled. Black mottles of pyrite are common throughout the core. Dark gray/black patches appear to be more foraminifera-rich and contain pyrite. A light greenish gray interval occurs in Section 4 (117-150 cm). Occasional mm-scale green laminae occur in Section 5. Section 5 (103 cm) is slightly up-arching.



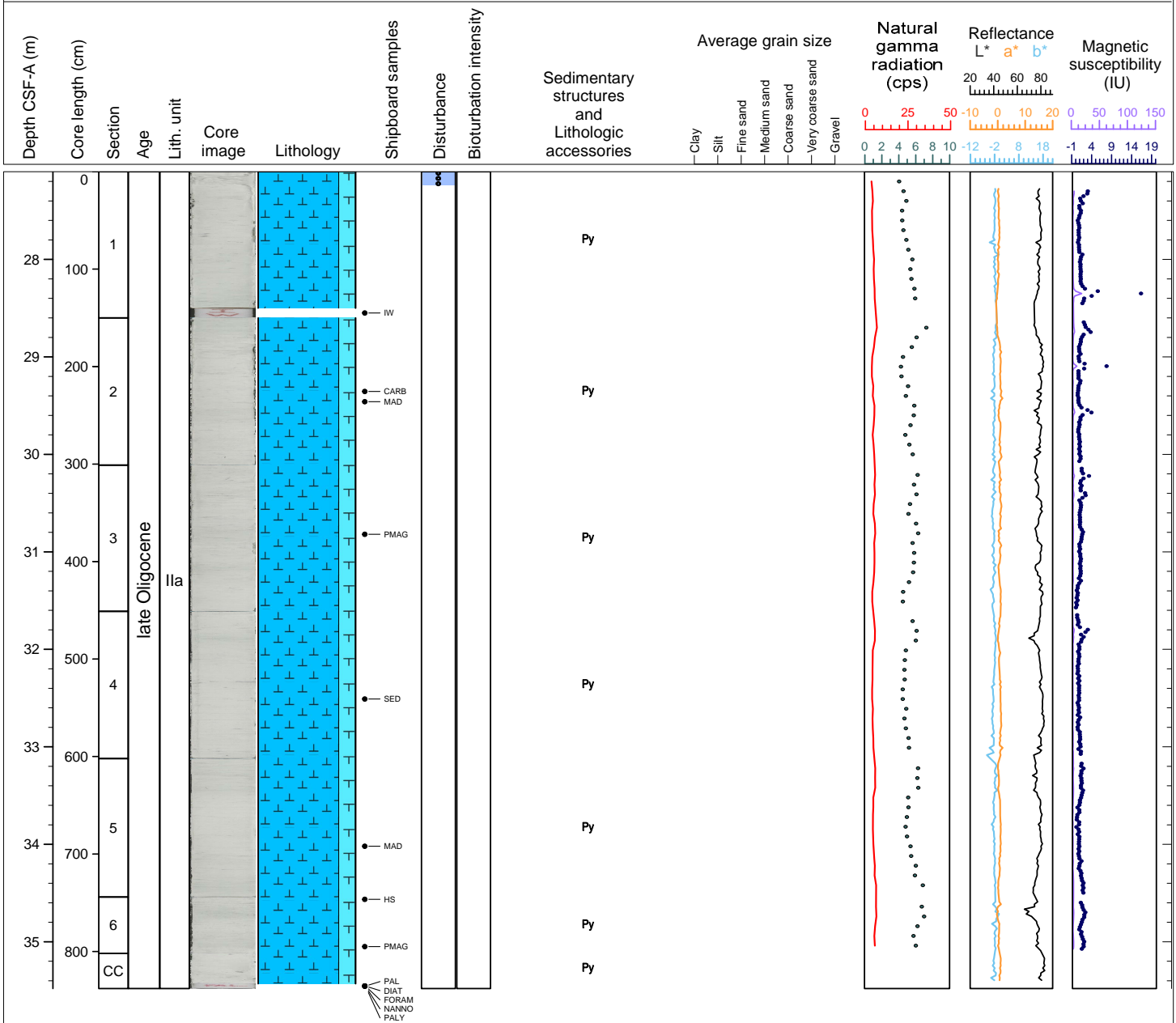
Hole 392-U1579A Core 3H, Interval 17.6-27.21 m (CSF-A)

Core U1579A-3H consists of white nanofossil ooze with foraminifera. Bedding varies from massive to mottled. Black mottles of pyrite are common throughout. A light greenish gray pyrite rich interval is present in Section 1 between 22 and 29 cm. Occasional gray mottles of foraminifera-rich nanofossil ooze containing pyrite occur in Sections 4, 5, 6 and 7. No drilling disturbance is observed.



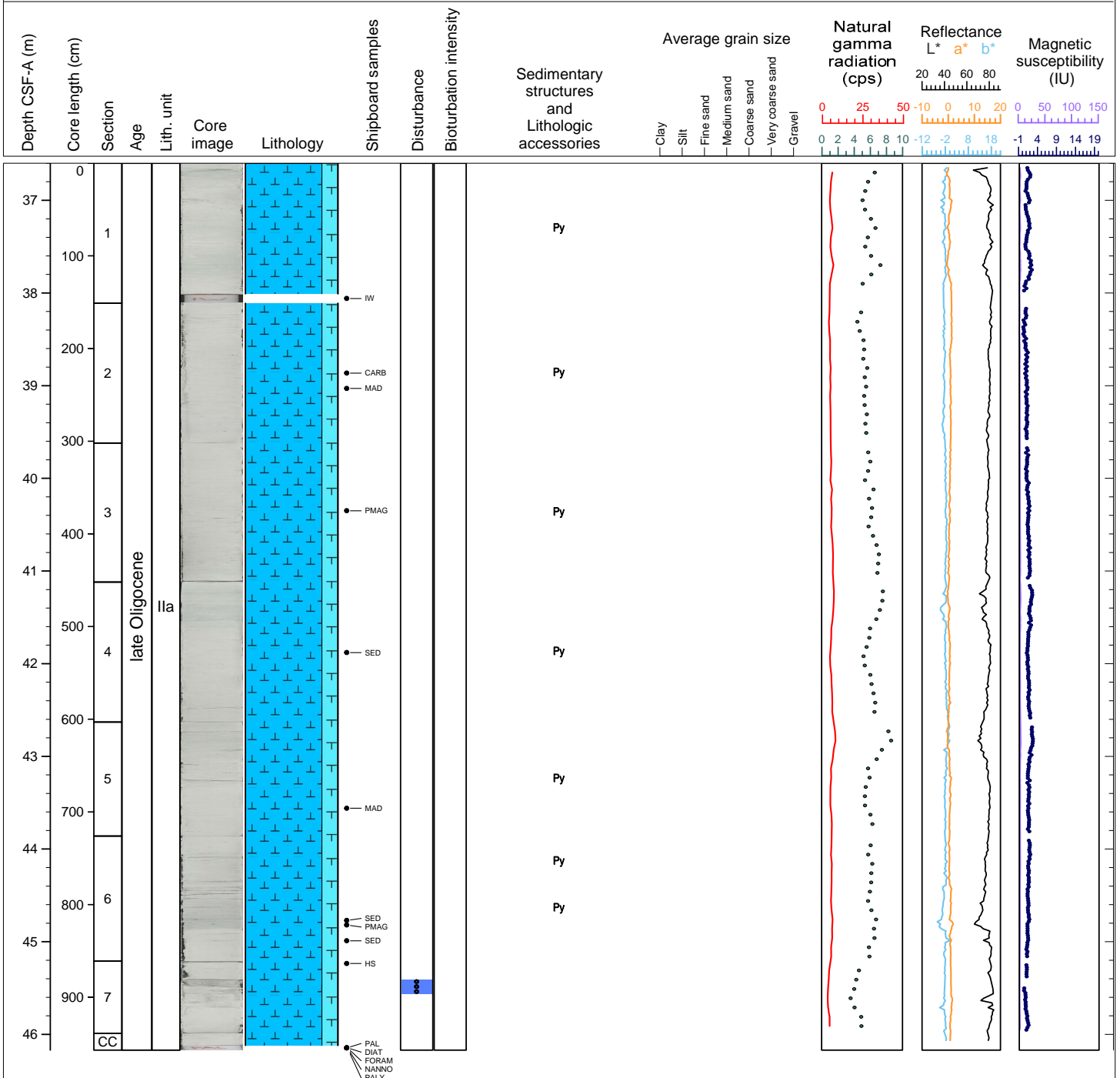
Hole 392-U1579A Core 4H, Interval 27.1-35.48 m (CSF-A)

Core U1579A-4H consists of white nanofossil ooze with foraminifera. Bedding varies from massive to mottled. Black mottles of pyrite are common throughout. Occasional narrow gray/black bands occur in Section 4 (48-151 cm) and Section 5 (78-79 cm). These bands are foraminifera-rich nanofossil ooze with pyrite. Section 1 (0-14 cm) is moderately disturbed (soupy).



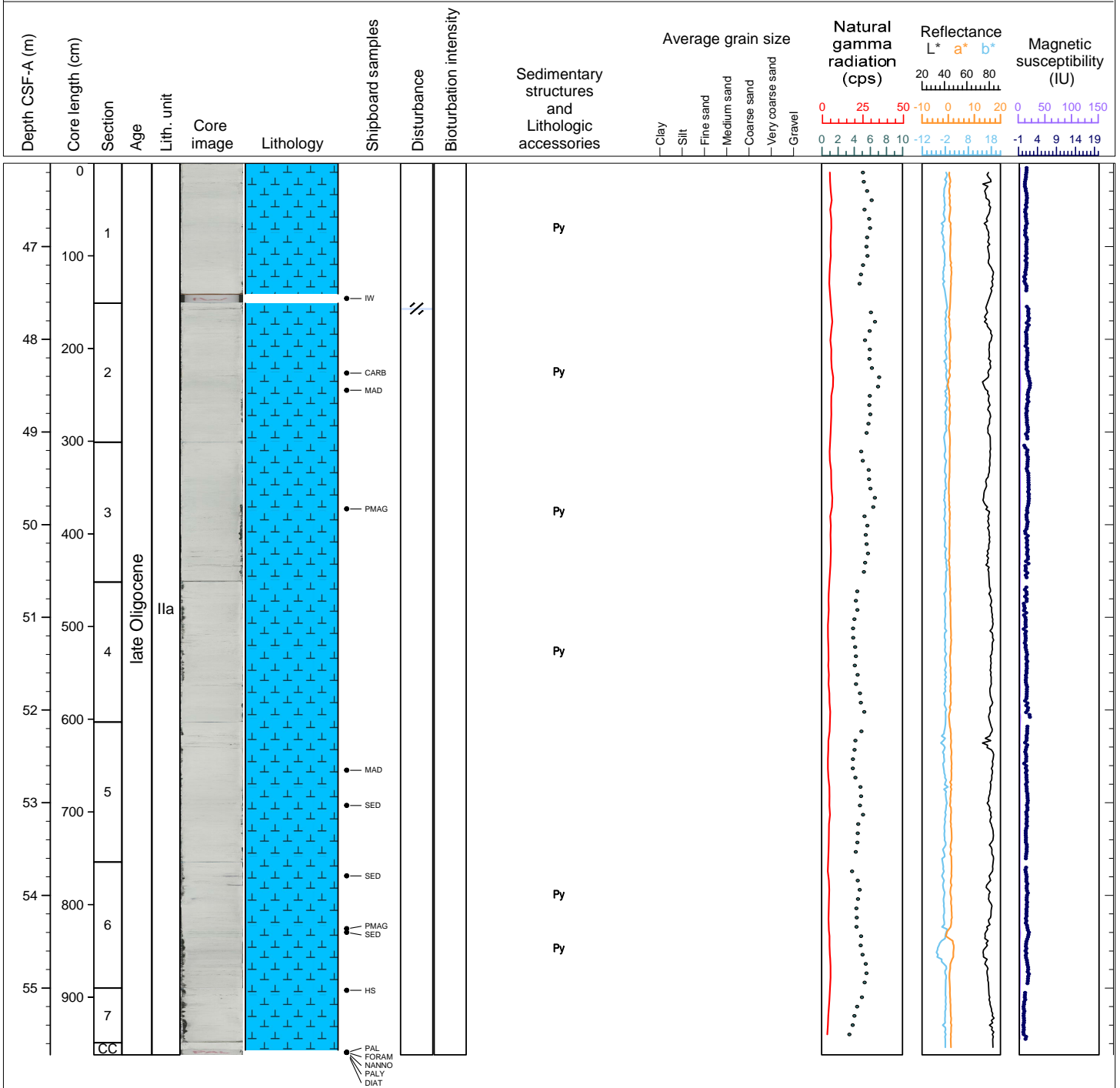
Hole 392-U1579A Core 5H, Interval 36.6-46.17 m (CSF-A)

Core U1579A-5H consists of white nannofossil ooze with foraminifera. Bedding varies from massive to mottled. A light gray interval in Section 6 (55-101 cm) contains pyrite. Frequent gray patches and bands throughout the core appear to be foraminifera-rich nannofossil ooze with pyrite. Large dark gray burrows in Section 5 (65-69 cm) are infilled with pyrite. Narrow green bands (mm scale) occur in Section 6 between 19 and 50 cm. Sparse reddish patches occur at the bottom of Sections 3 and 6. In Section 7 there is severe soupy deformation between 20 and 35 cm.



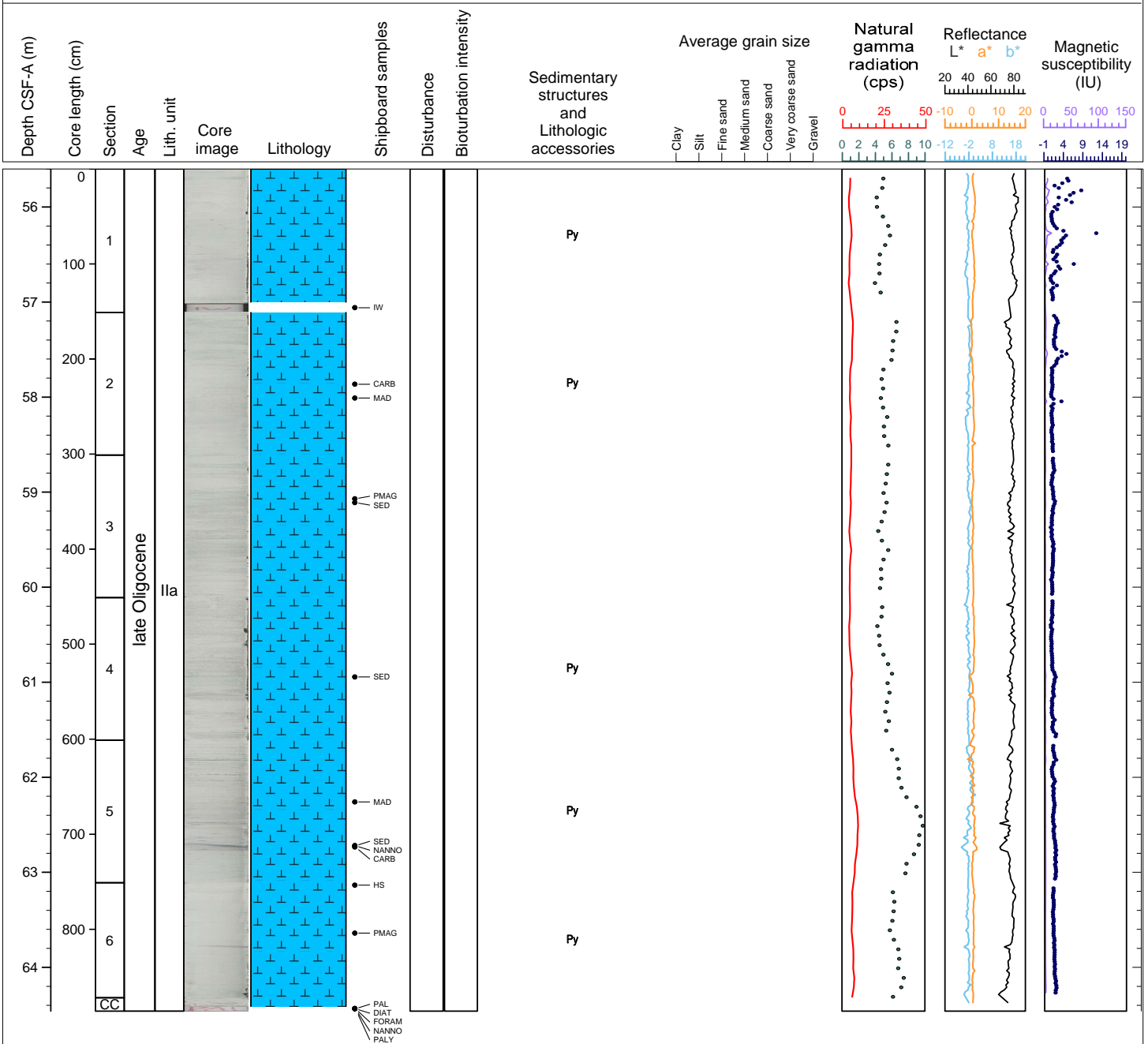
Hole 392-U1579A Core 6H, Interval 46.1-55.72 m (CSF-A)

Core U1579A-6H consists of white nannofossil ooze. Bedding varies from massive to layered. In Section 6, a light greenish gray interval from 72-85 cm occurs on top of a light gray interval from 85-103 cm. Pyrite appears in form of dark gray/black streaks and specks. Fine laminae (mm scale) of dark gray/black pyrite rich nannofossil ooze occur in Section 6 (84, 101, 107 and 110 cm). Slight fractures occur in Section 2 from 5-7 cm.



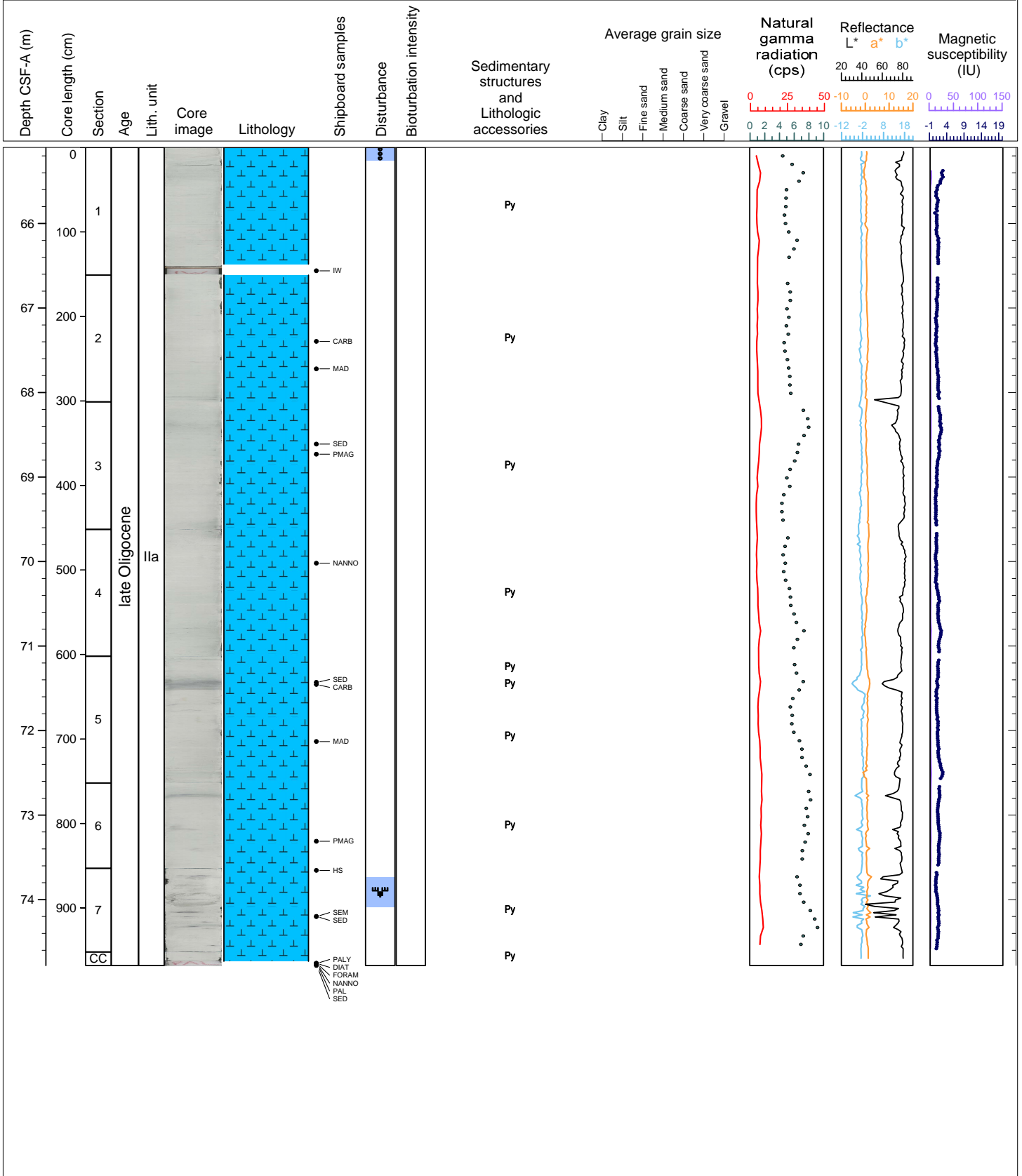
Hole 392-U1579A Core 7H, Interval 55.6-64.46 m (CSF-A)

Core U1579A-7H consists of white nanfossil ooze. A distinct pyrite rich gray interval occurs in Section 5 from 26-40 cm. In Section 2, mm scale green laminae occur at 116, 145, and 147 cm. Pyrite is common in form of gray streaks or specks.



Hole 392-U1579A Core 8H, Interval 65.1-74.78 m (CSF-A)

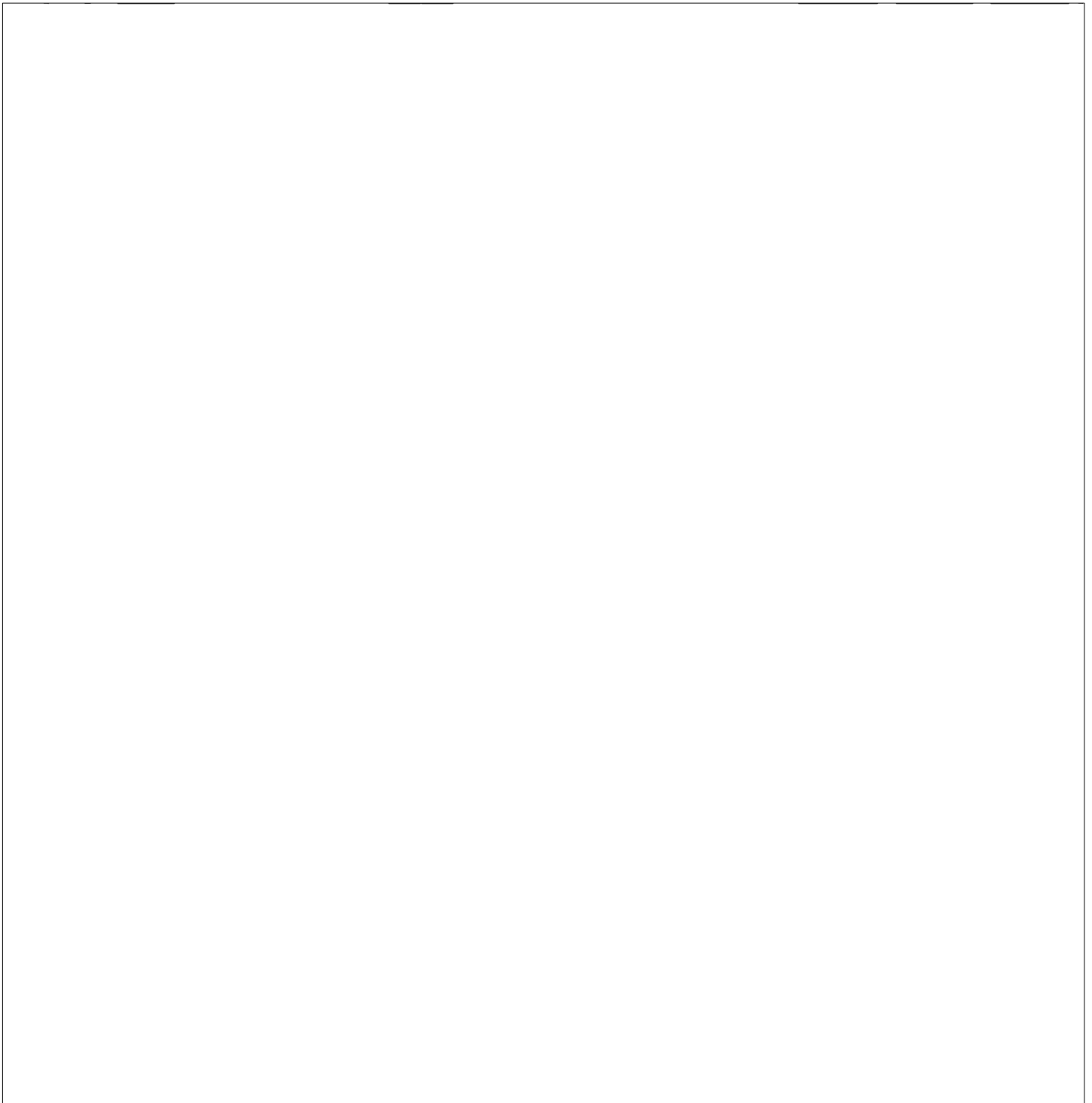
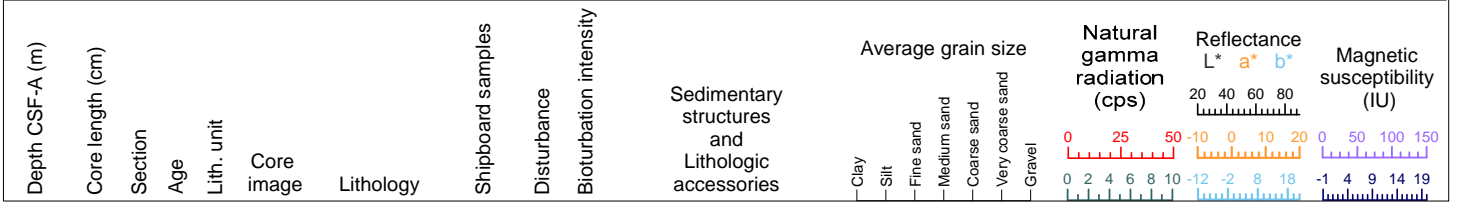
Core U1579A-8H consists of white nannofossil ooze. Three distinct mm-scale greenish horizons occur near the bottom of Section 3. In the top of Section 5 there is a ~10 cm dark gray interval and in Section 7 there are several distinct dark gray blebs. The top of Section 1 is moderately disturbed (soupy), and Section 7 was disturbed during the splitting process.



Hole 392-U1579A Core 9H, Interval 74.6-74.6 m (CSF-A)

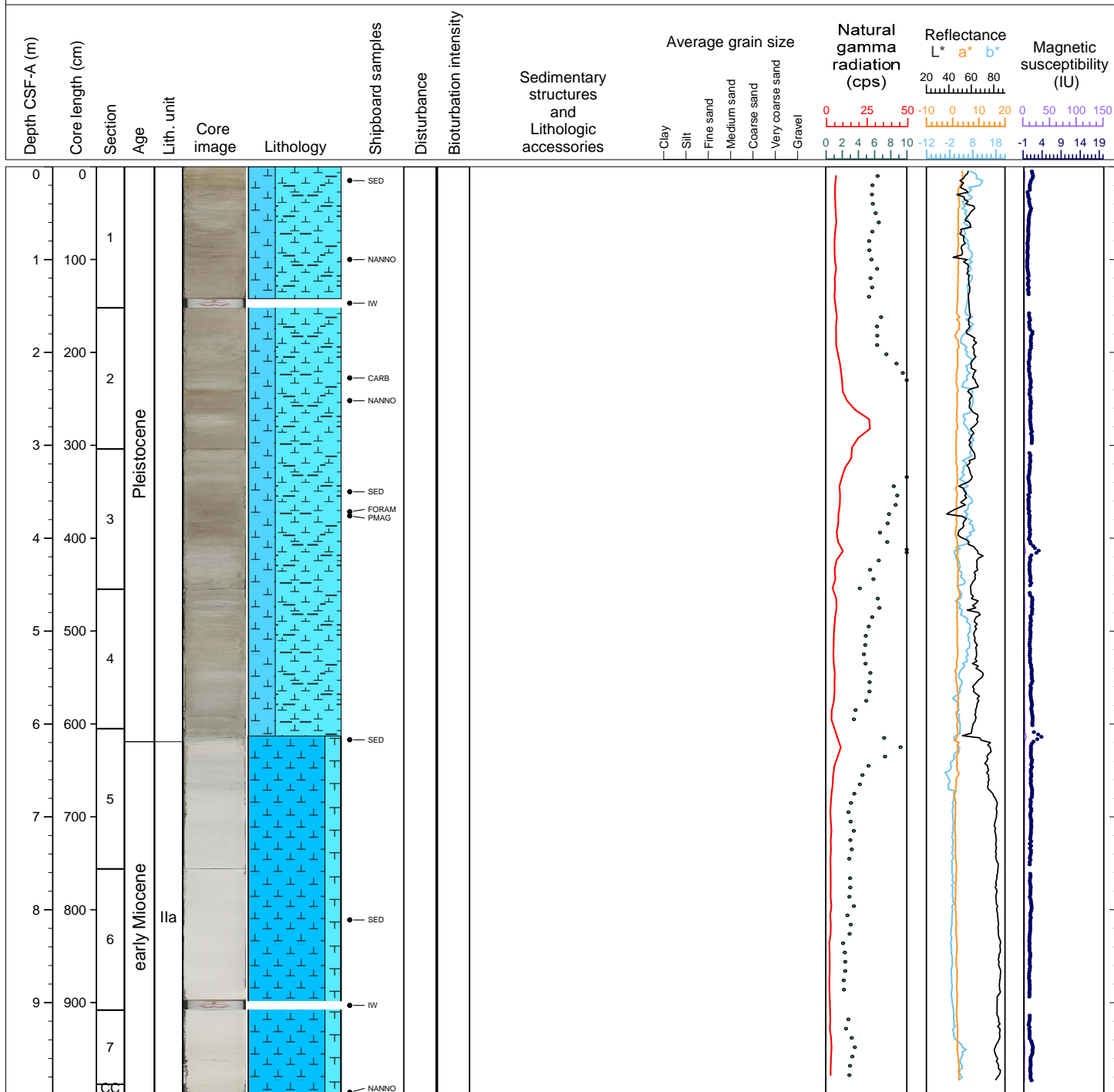
NO RECOVERY 74.6-84.1 m

Core U1579A-9H could not be retrieved by wireline. After tripping pipe back up to the ship, only a small amount of foraminiferal ooze with black pyrite was recovered from the bottom hole assembly (BHA).



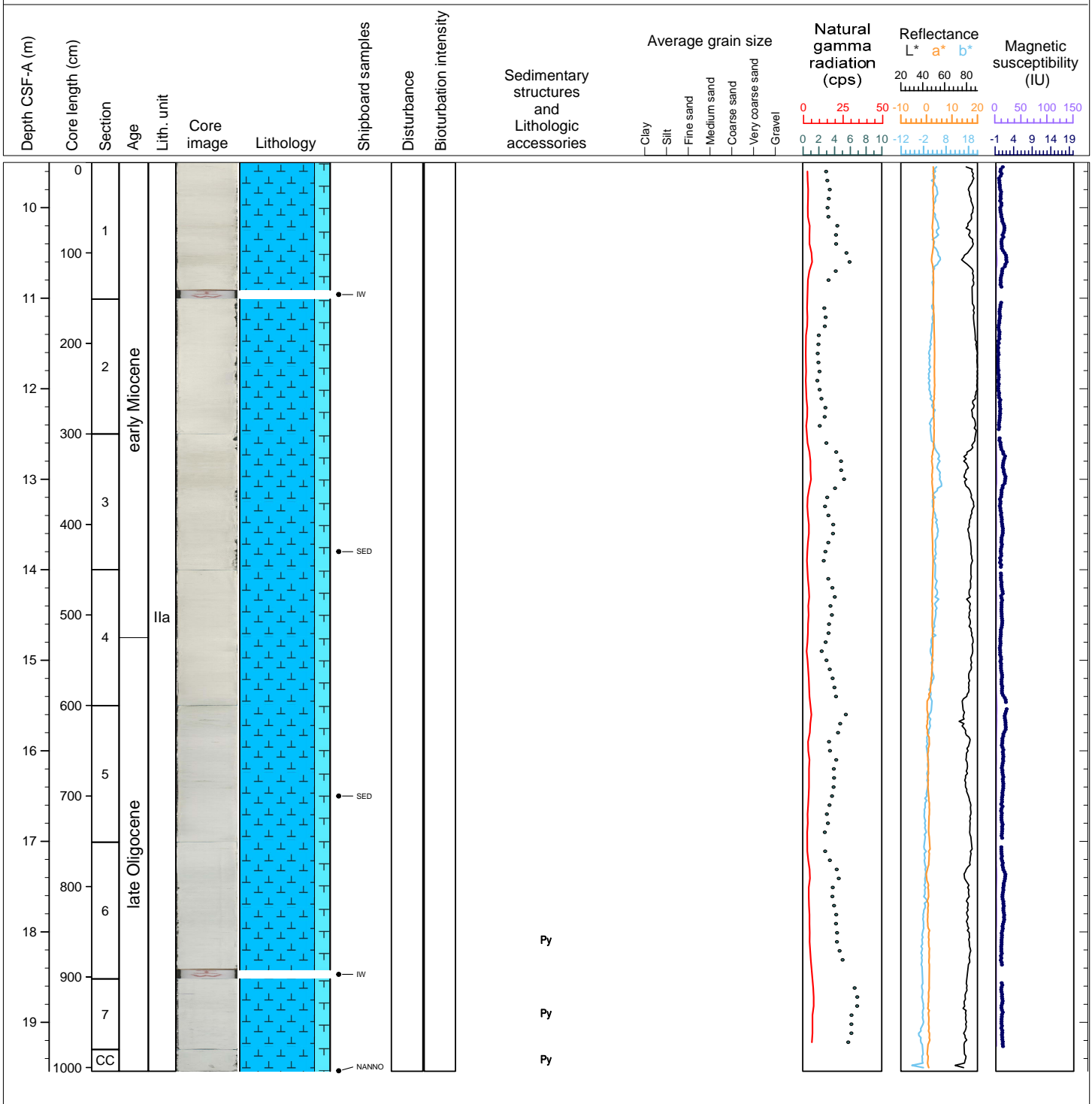
Hole 392-U1579B Core 1H, Interval 0.0-9.97 m (CSF-A)

Core U1579B-1H consists of light brownish gray to white nannofossil-rich foraminiferal ooze from the top of Section 1 to Section 5 (8 cm). In Section 5 (8 cm) the lithology changes to light gray nannofossil ooze to the end of the core. In Section 5, a distinct light greenish gray interval with layering occurs from -8-14 cm just at the interface of lithology change. From Section 3 at 103 cm to Section 5 at 14 cm, there are sporadic dark grains of glauconite.



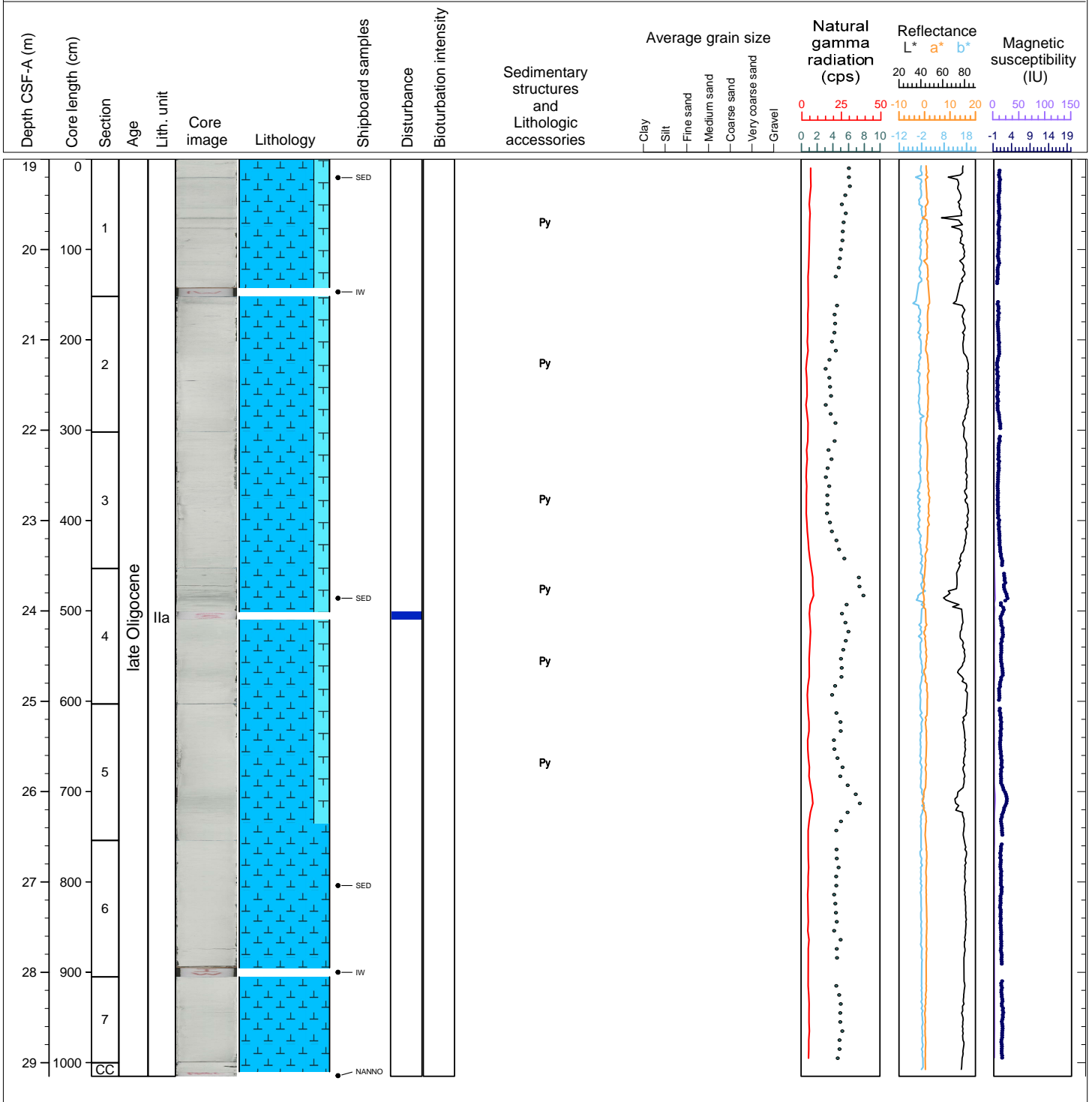
Hole 392-U1579B Core 2H, Interval 9.5-19.54 m (CSF-A)

Core U1579B-2H consists of white to light gray nannofossil ooze with foraminifera. Bedding ranges from massive to mottled, and a mm scale reddish brown layer occurs in Section 1 at 70 cm. Pyrite-rich dark gray/black mottles are more common in Sections 6-CC than in Sections 1-5.



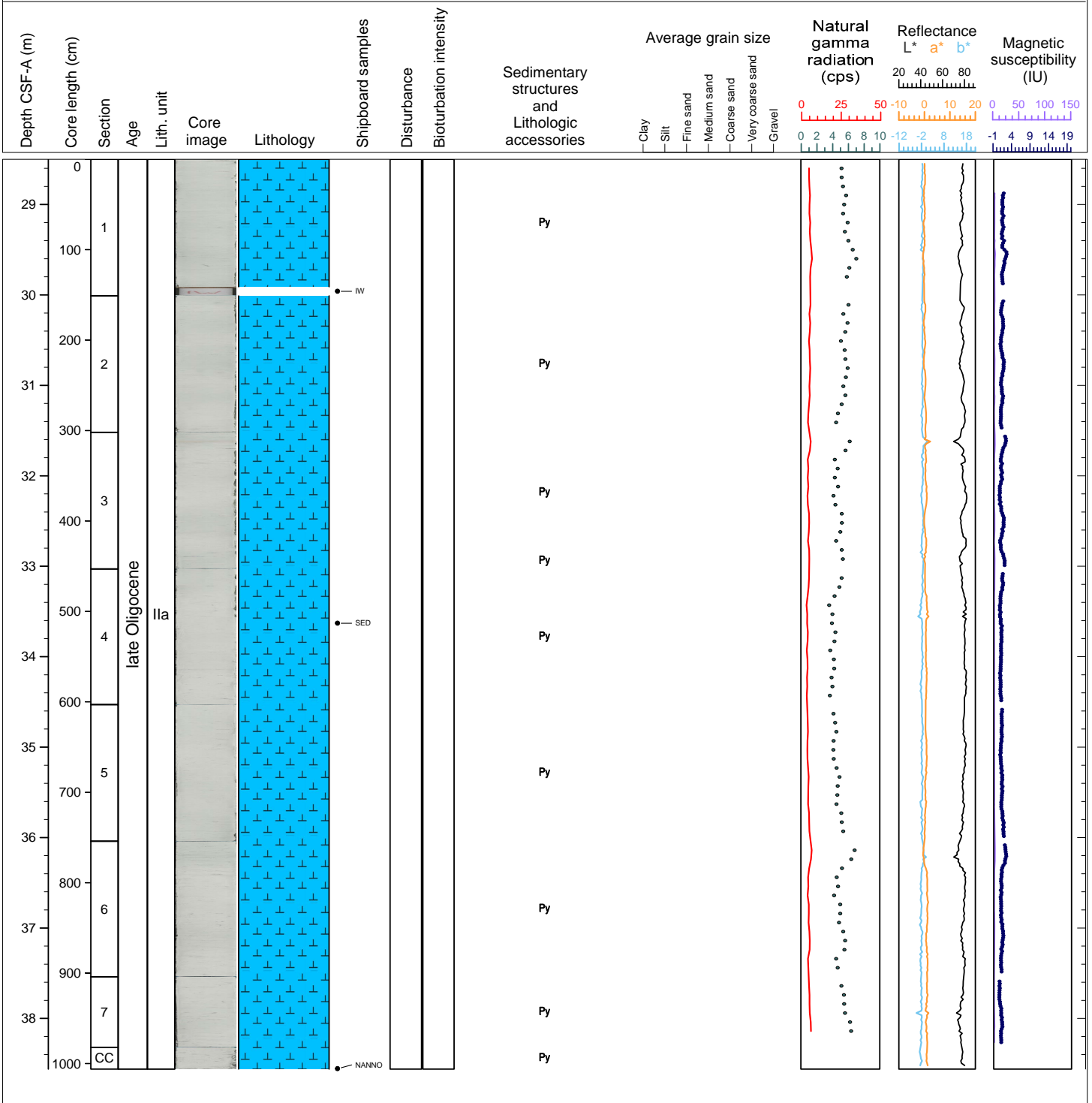
Hole 392-U1579B Core 3H, Interval 19.0-29.15 m (CSF-A)

Core U1579B-3H consists of white to light gray nannofossil ooze with foraminifera from the top of Section 1 to Section 5 (132 cm). From Section 5 (132 cm) to the bottom of the core the lithology is white nannofossil ooze. Bedding ranges from massive to mottled. Interlaminated intervals of green and black laminae occur in Section 1 (20-22, and 62-66 cm). Dark gray/black mottles of pyrite are common throughout the core. In Section 4 (48-57 cm) there is a void due to drilling disturbance.



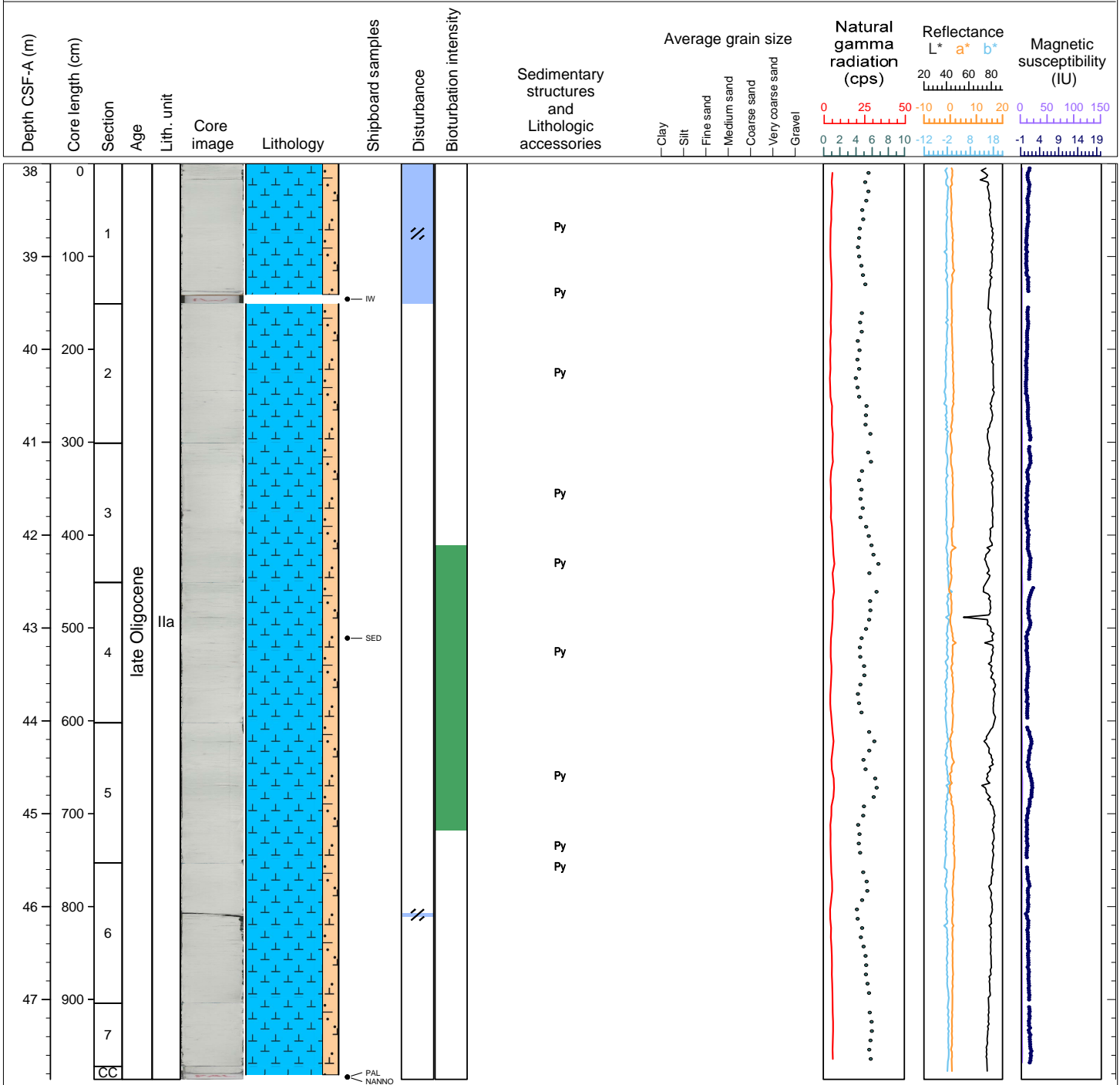
Hole 392-U1579B Core 4H, Interval 28.5-38.56 m (CSF-A)

Core U1579B-4H consists of white to light gray nannofossil ooze. Bedding ranges from massive to mottled. Mottles of dark gray/black pyrite are common throughout the core.



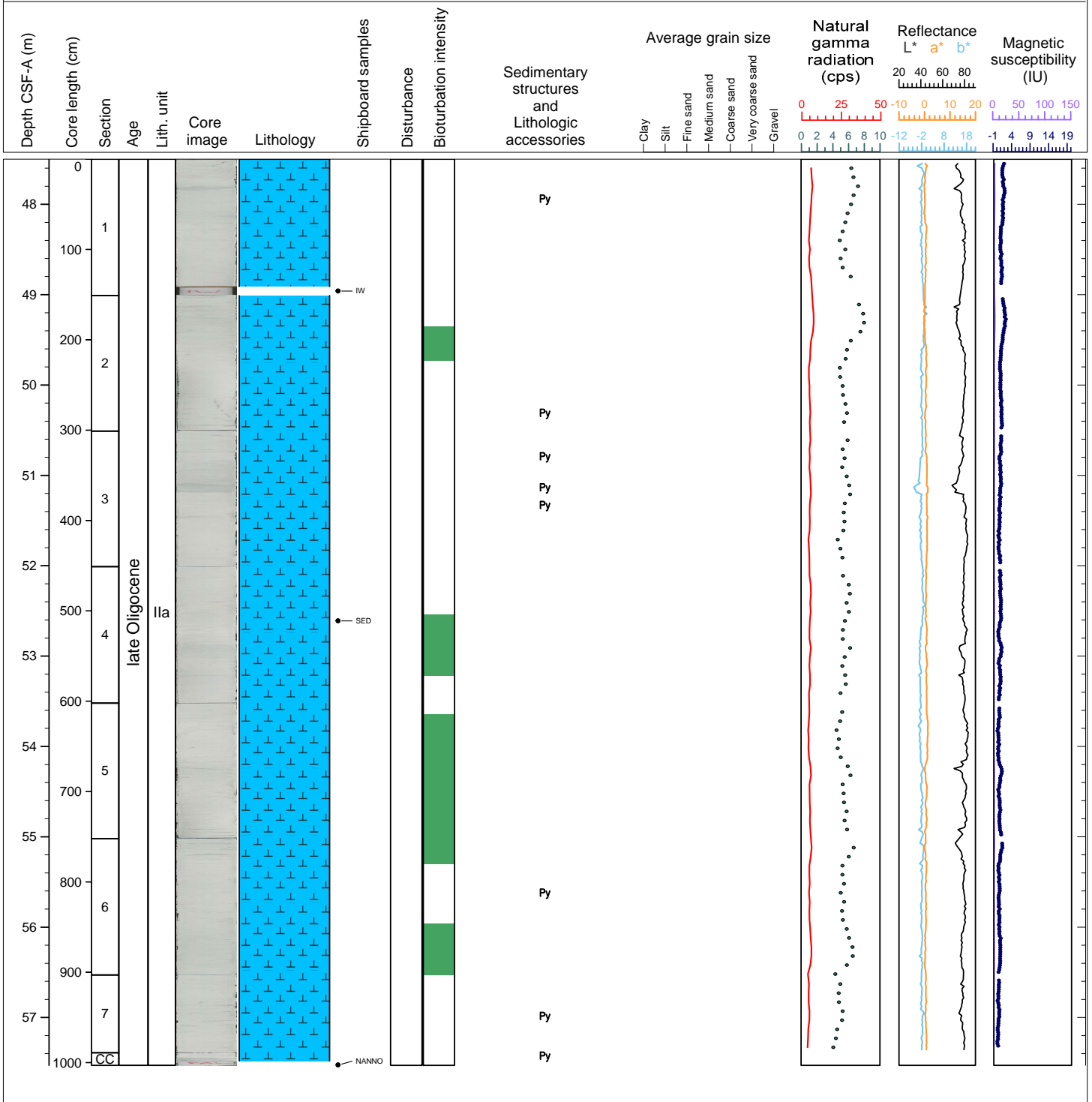
Hole 392-U1579B Core 5H, Interval 38.0-47.86 m (CSF-A)

Core U1579B-5H consists of white to light gray nannofossil ooze with carbonate bioclasts. Bedding ranges from massive to mottled, and dark gray/black mottles are pyrite-rich. Section 1 (136-138 cm) and Section 2 (43-63 cm) contain mm-scale dark gray/black pyrite rich laminae. Section 3, 110 cm to Section 5, 116 cm is moderately bioturbated. Moderate drilling disturbance (fractures) is present in Sections 1 and 6.



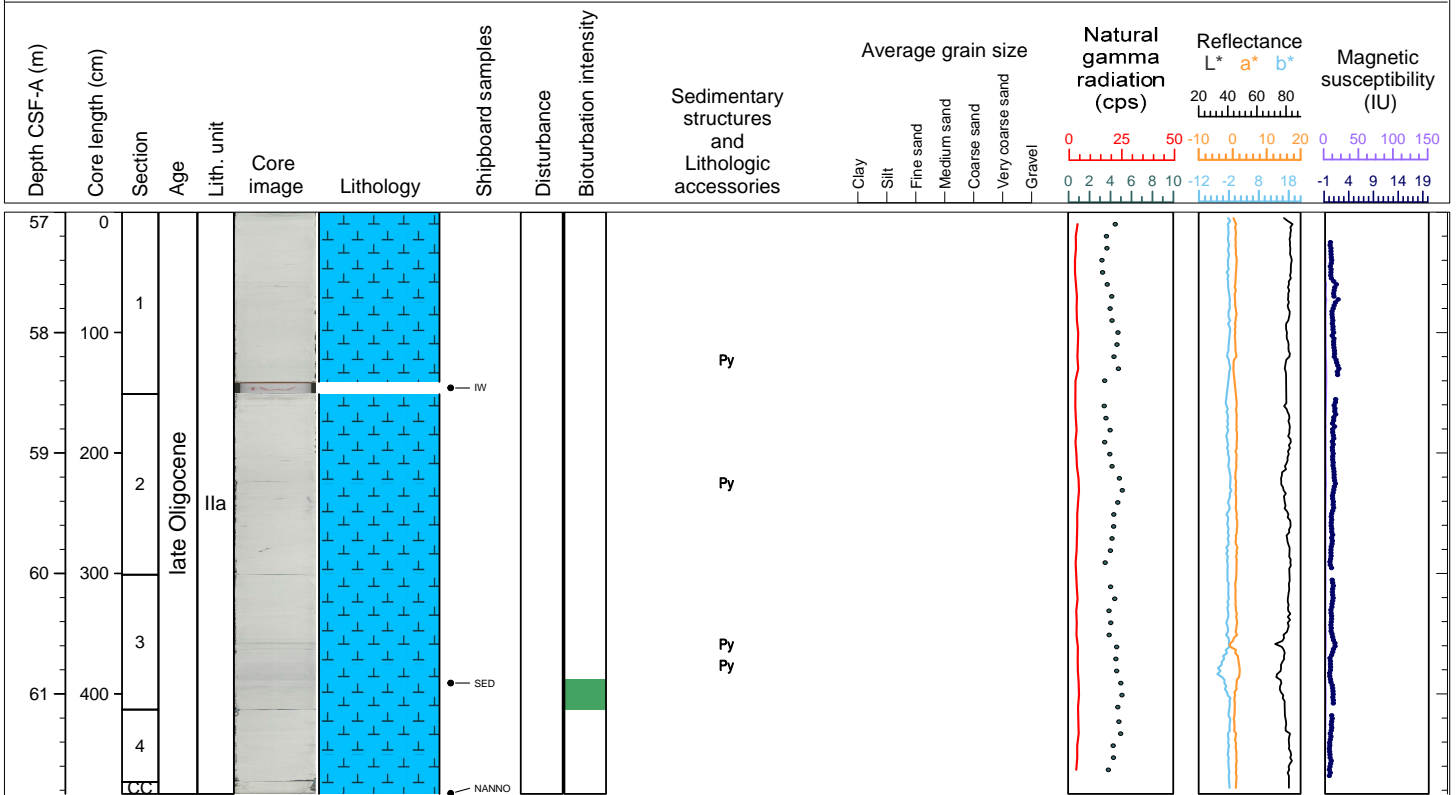
Hole 392-U1579B Core 6H, Interval 47.5-57.53 m (CSF-A)

Core U1579B-6H consists of white to light gray nannofossil ooze. Bedding ranges from massive to mottled, and a gray layer occurs in Section 3 between 58-69 cm. Occasional black mottles are pyrite-rich. There are greenish gray specks in Section 1 (29-34 cm) that contain pyrite. The core is moderately bioturbated in Sections 1 (34-72 cm), 4 (53-121 cm), 5 (12-150 cm), and 6 (28-151 cm).



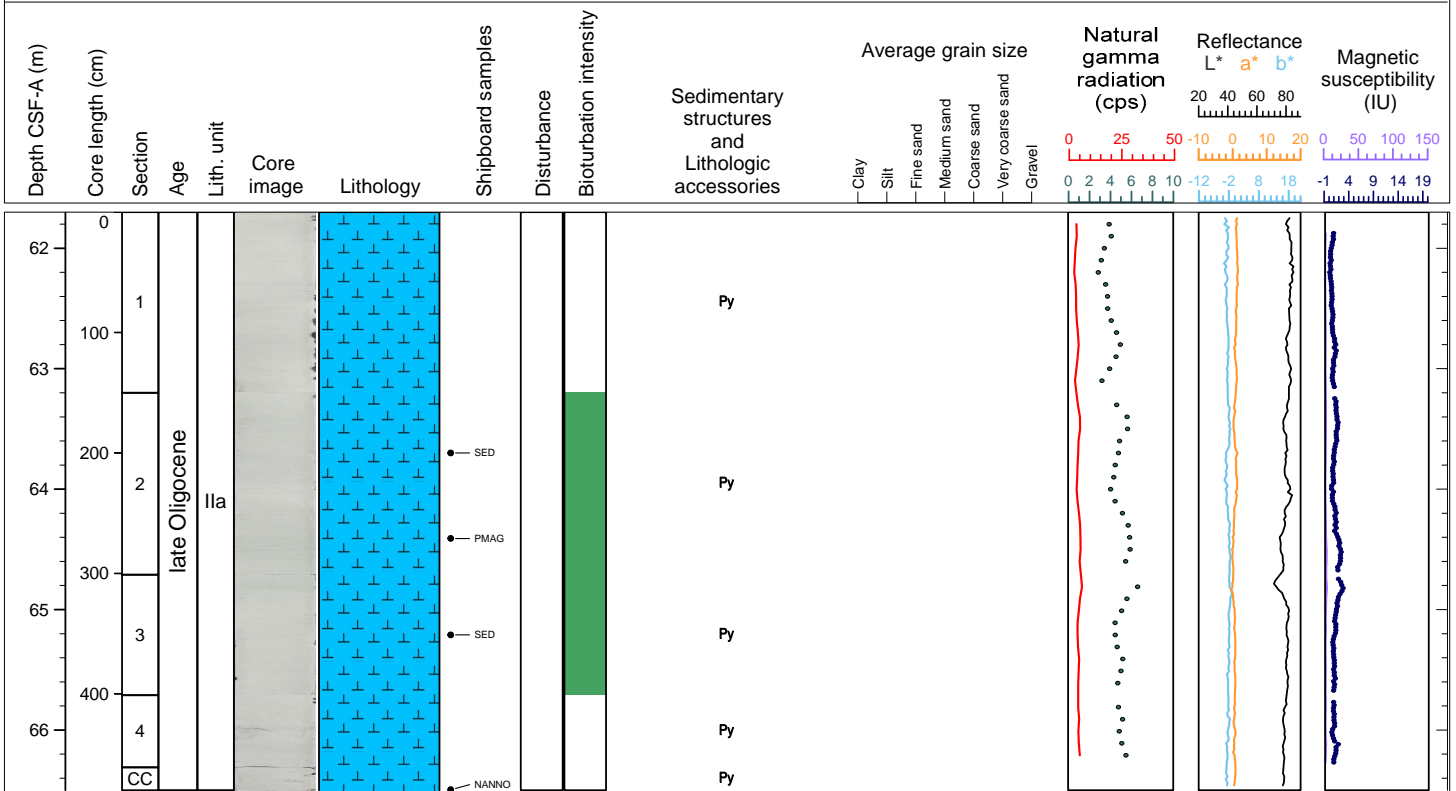
Hole 392-U1579B Core 7F, Interval 57.0-61.83 m (CSF-A)

Core U1579B-7F consists of white to light gray nannofossil ooze. Bedding ranges from massive to mottled, and occasional black mottles are pyrite rich. In Section 3, 52-66 cm is light greenish gray and 85-103 cm is light gray; both are pyrite rich and are layered. Section 3 (87-112 cm) is moderately bioturbated.



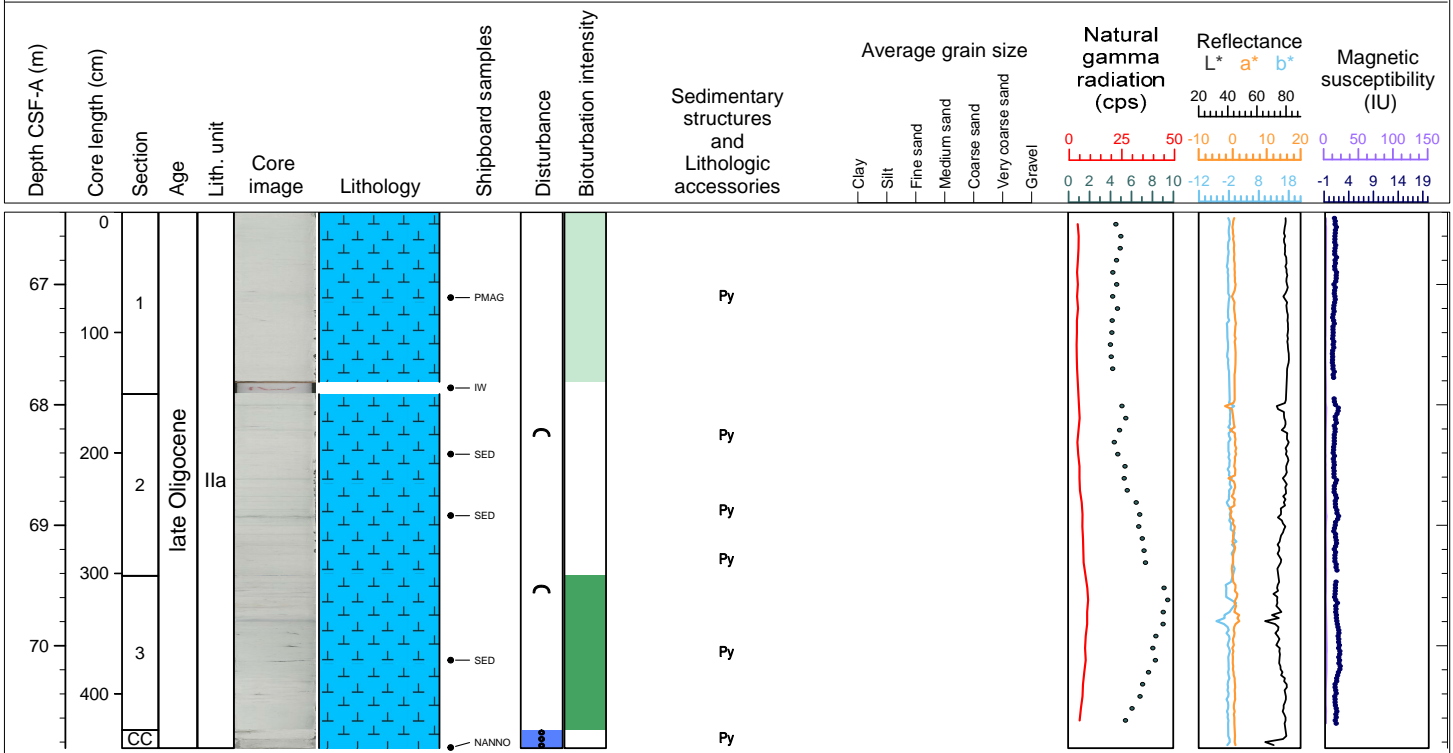
Hole 392-U1579B Core 8F, Interval 61.7-66.5 m (CSF-A)

Core U1579B-8F consists of white to light gray nannofossil ooze. Dark gray/black specks of pyrite are abundant throughout the core. Sections 2 and 3 are moderately bioturbated. A distinct black patch of pyrite occurs in Section 4 (26-30 cm).



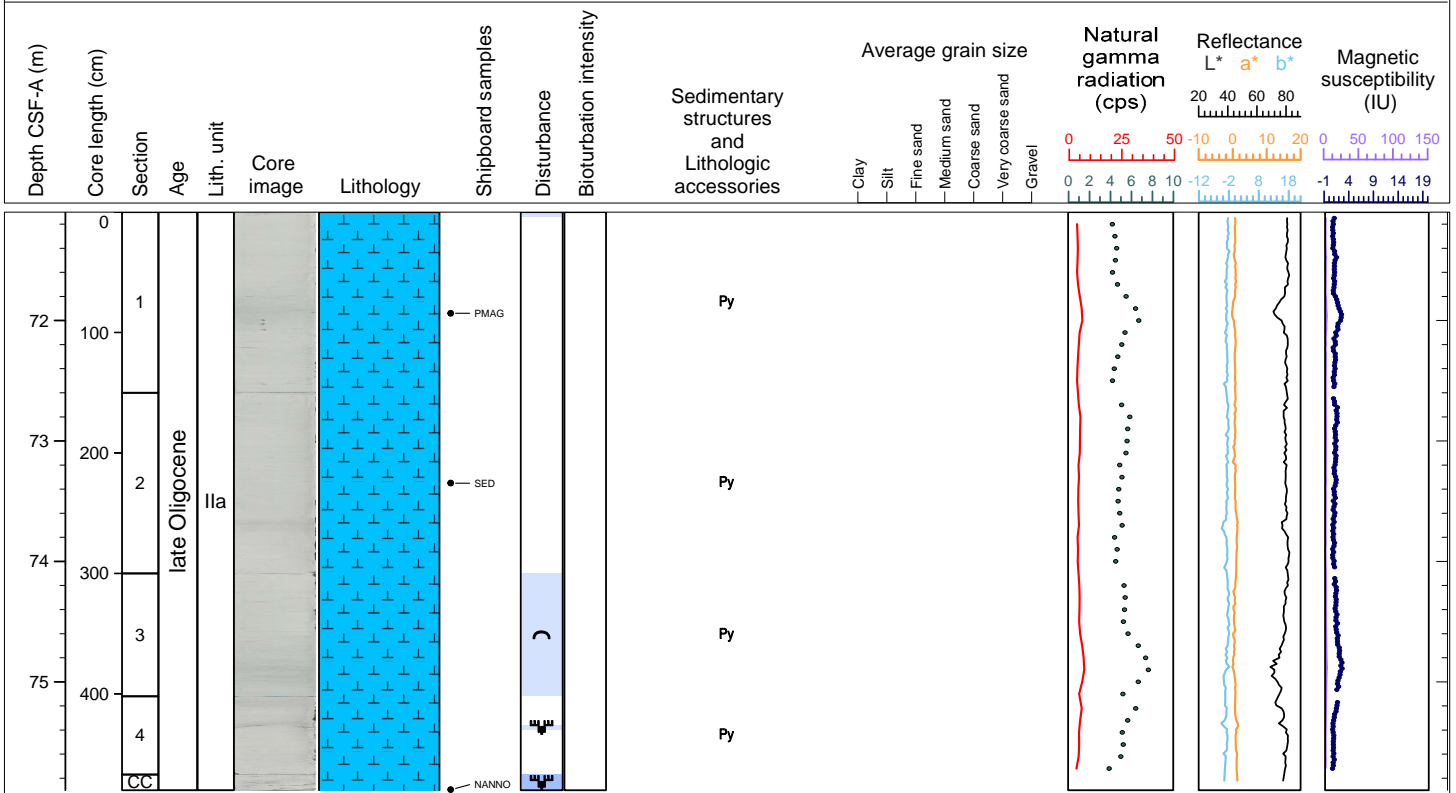
Hole 392-U1579B Core 9F, Interval 66.4-70.85 m (CSF-A)

Core U1579B-9F is white to light gray nannofossil ooze. Dark specks and mm-scale dark gray bands are common throughout the core. A light greenish gray interval in Section 2, ~70-125 cm contains interlayering of green and white ooze. Dark gray bands of pyrite appear at frequent intervals in Section 3 between 2-40 cm. There are prominent black pyrite nodules in Section 3 (46-47, 58 and 68-70 cm). There is moderate bioturbation in Section 3 (85-105 cm) that shows up as mottled patches. In Sections 4 (32 cm) and 3 (11 cm) the sediments are bowed slightly towards the core liners due to drilling disturbance. Section CC is severely disturbed (soupy).



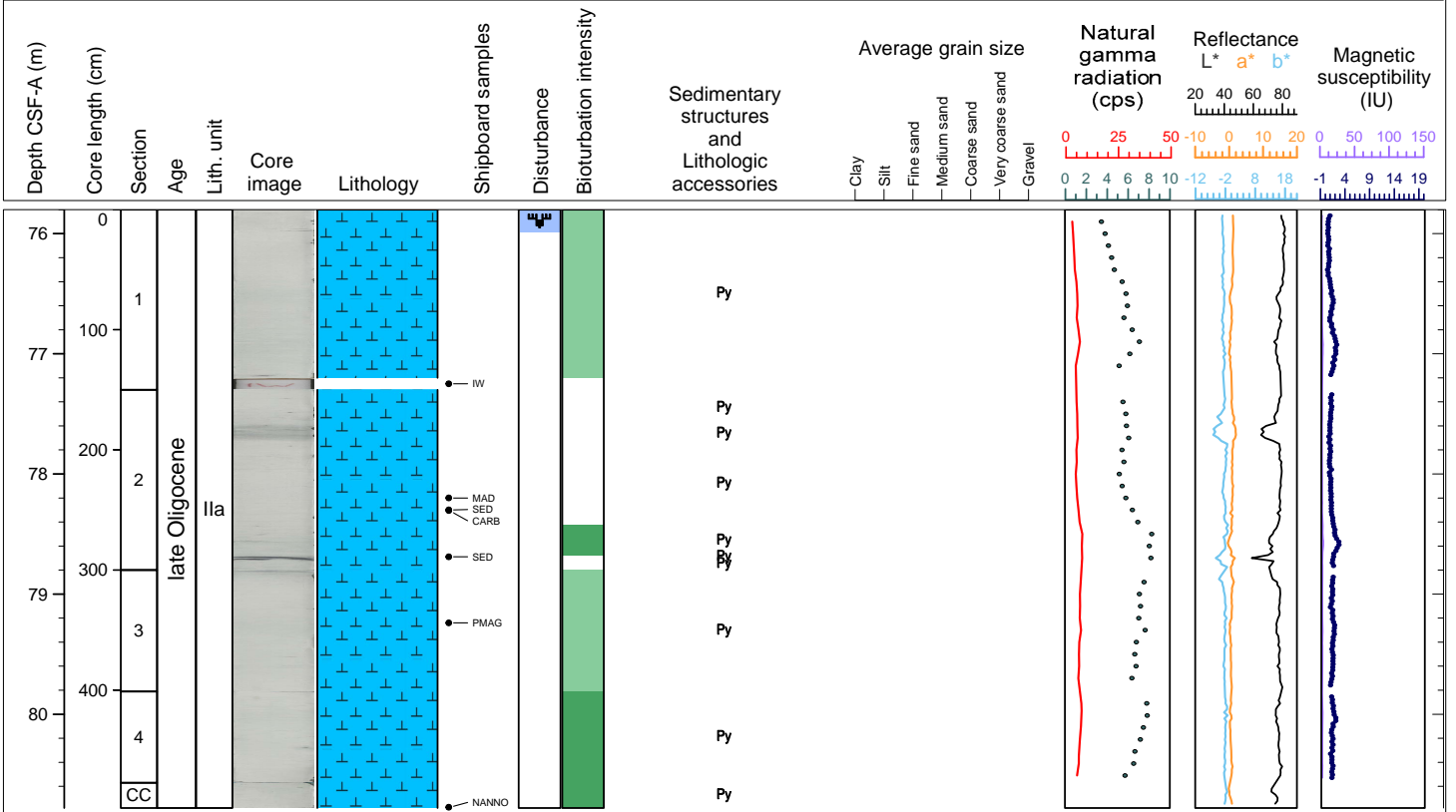
Hole 392-U1579B Core 10F, Interval 71.1-75.9 m (CSF-A)

Core U1579B-10F is white to light gray nannofossil ooze. Black mottles of pyrite appear throughout the core. There are prominent dark gray/black specks of pyrite in Section 1 (70, 88-98, 112, and 132-144 cm). There are green bands in Section 3 between 14 and 50 cm that are slightly bowed. Sections 4 (24-28 cm) and CC are slightly to moderately disturbed (mousseliike).



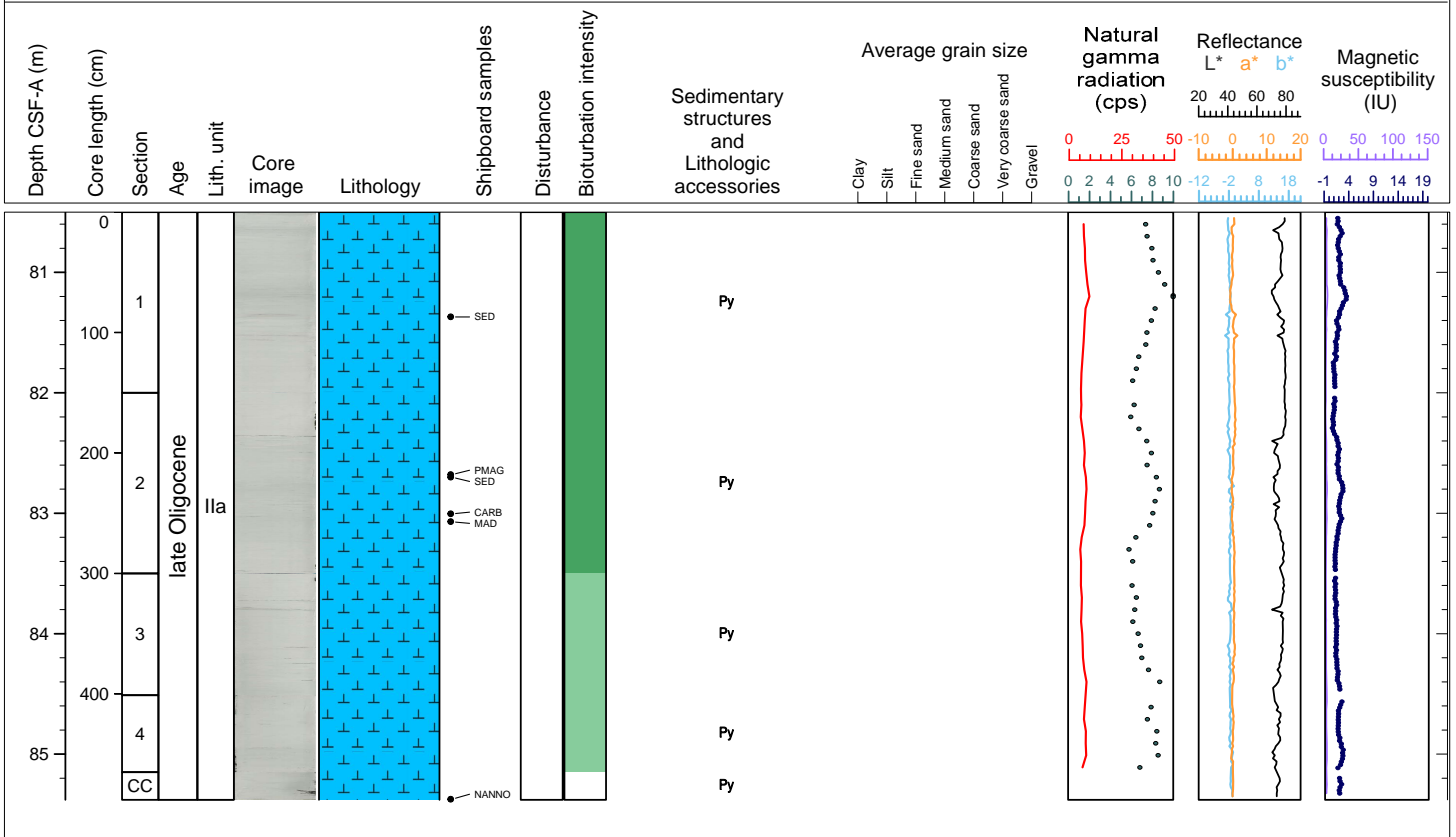
Hole 392-U1579B Core 11F, Interval 75.8-80.78 m (CSF-A)

Core U1579B-11F is white to light gray nannofossil ooze. Pyrite appears throughout the core in the form of small patches, bands and specks. A light gray band of pyrite occurs in Section 2 (30-43 cm). Also in Section 2 (138-142 cm), there is a distinct black streak and a patch of pyrite. There is slight bioturbation throughout that creates a mottled appearance. Section 1 (0-19 cm) is moderately disturbed (mousseli-like).



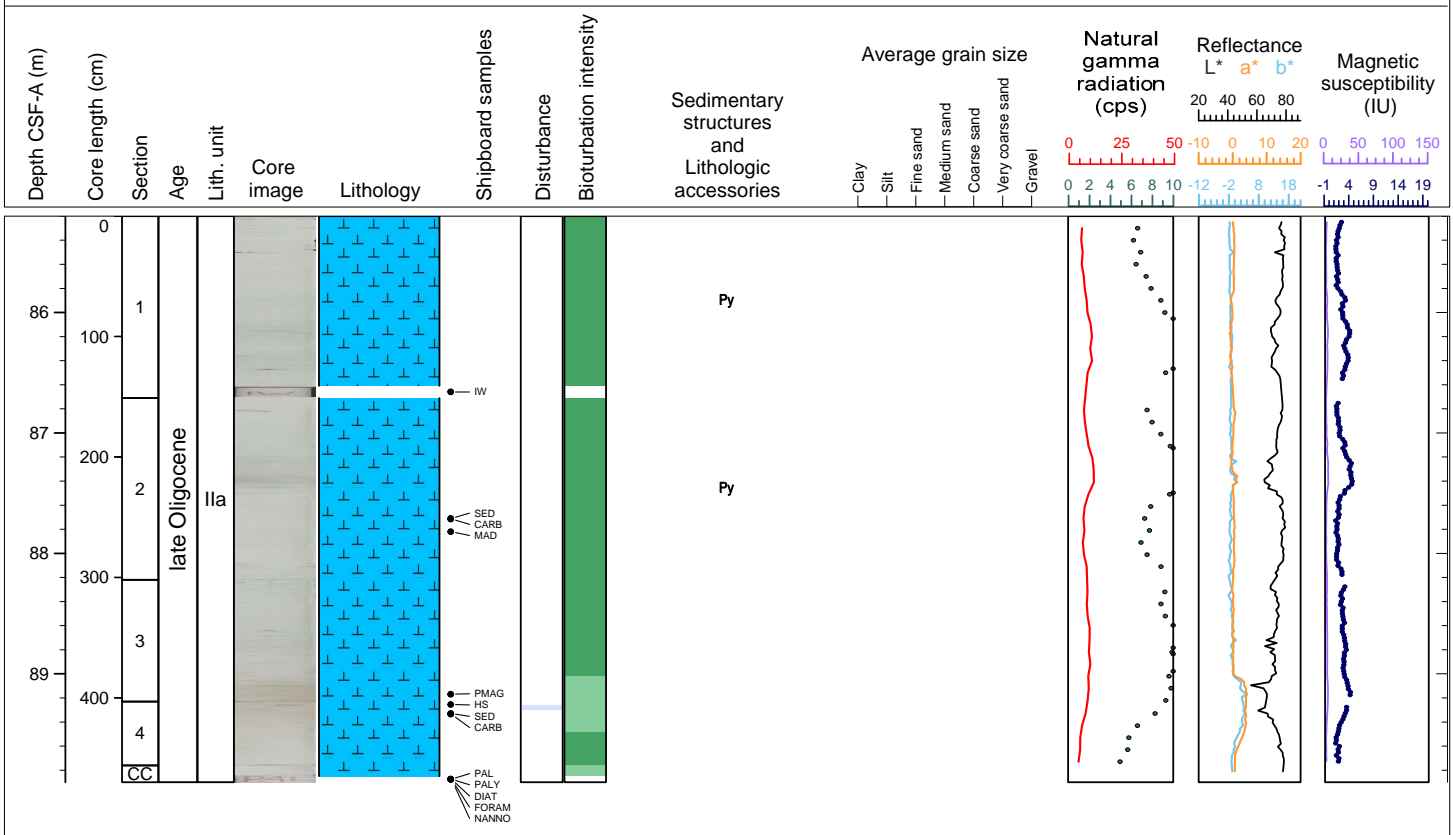
Hole 392-U1579B Core 12F, Interval 80.5-85.38 m (CSF-A)

Core U1579B-12F is white to light gray nannofossil ooze with several thin green horizons and specks of pyrite throughout the core. Bioturbation intensity is low to moderate throughout the core. No drilling disturbance was observed.



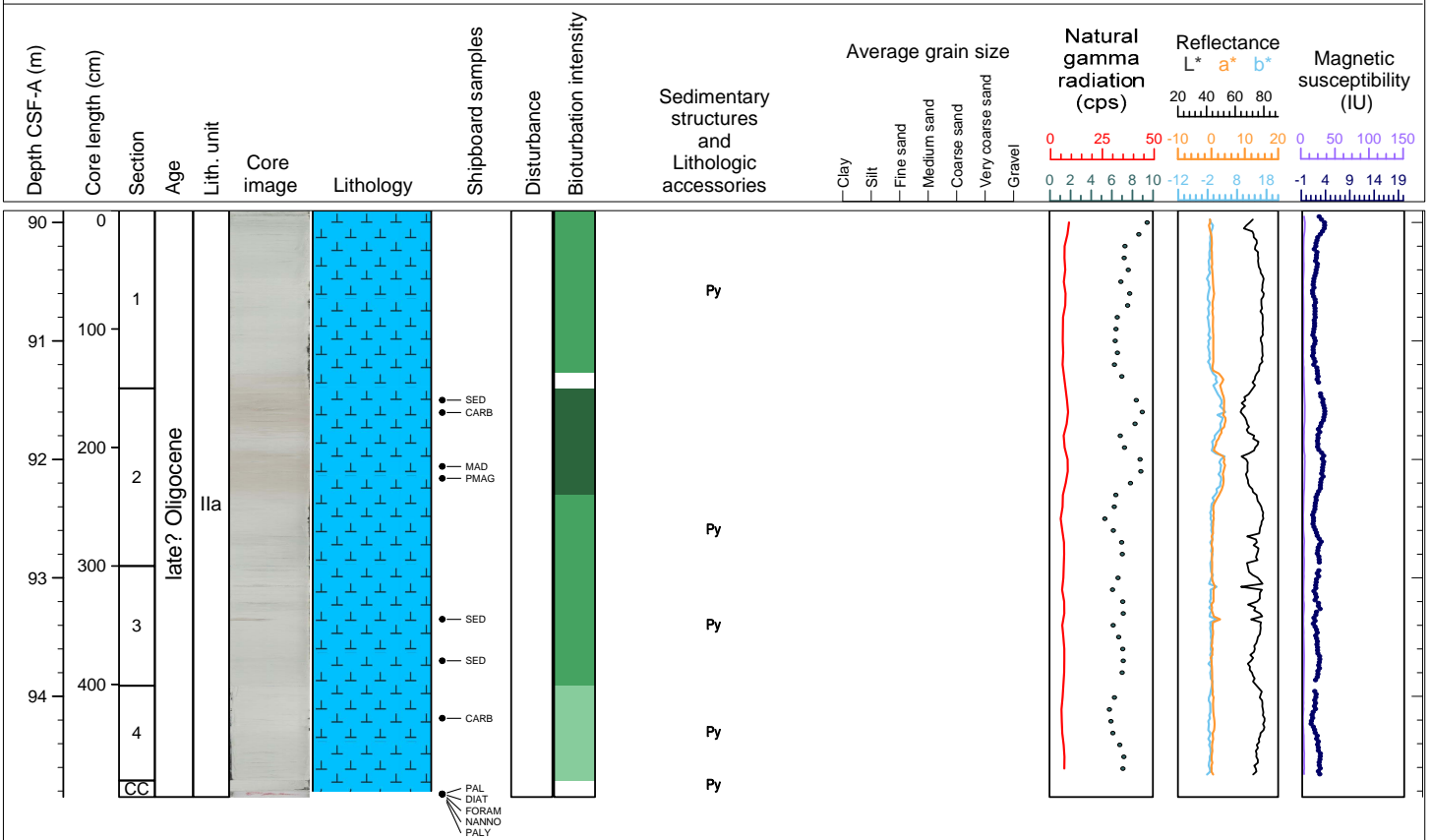
Hole 392-U1579B Core 13F, Interval 85.2-89.9 m (CSF-A)

Core U1579B-13F consists of white to light gray nannofossil ooze. In Sections 3 (80-101 cm) and 4 (0-25 cm) are yellowish white nannofossil ooze. These intervals are highly bioturbated and have gradational contacts at the top and bottom.



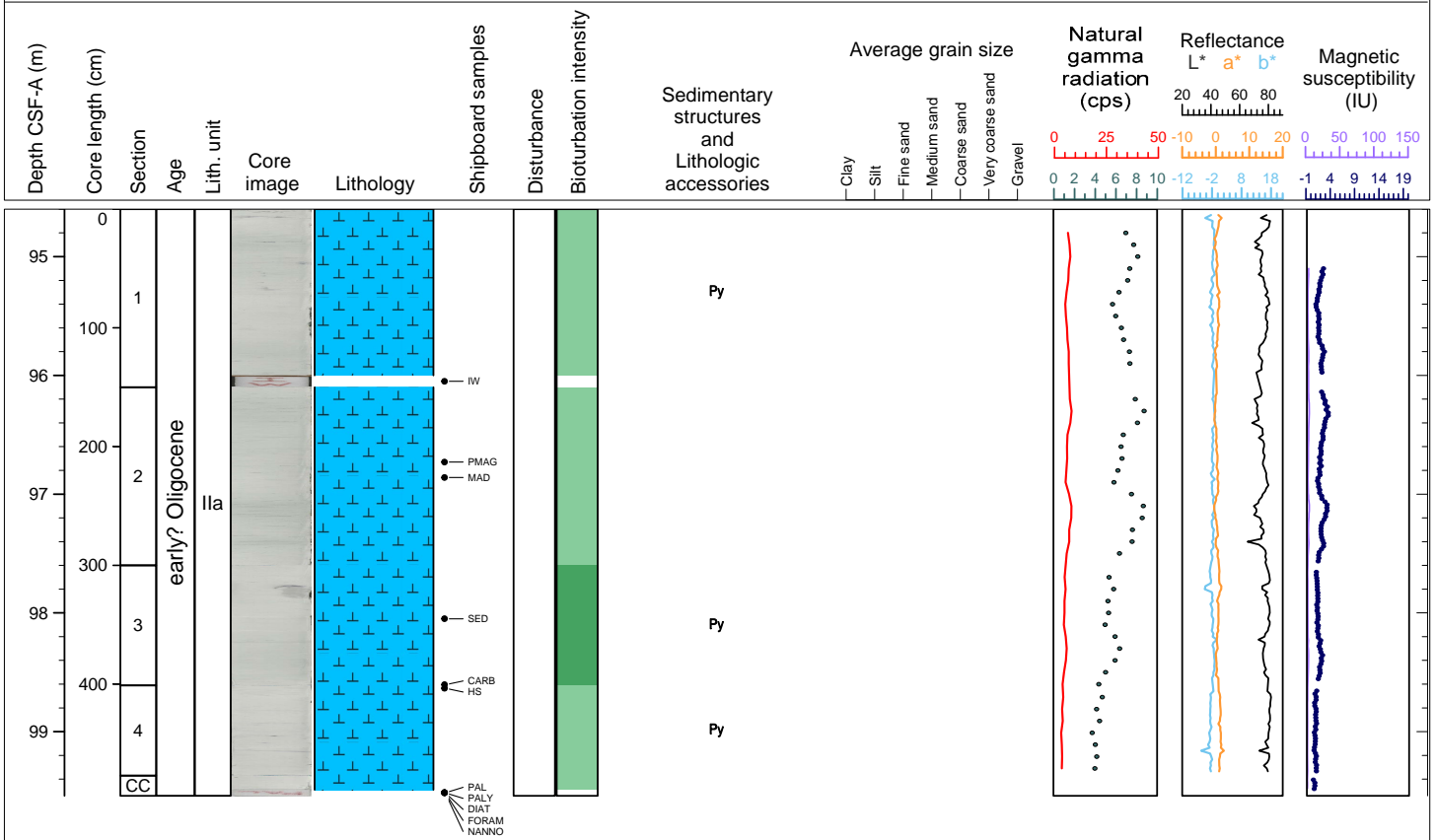
Hole 392-U1579B Core 14F, Interval 89.9-94.85 m (CSF-A)

Core U1579B-14F consists of white to light gray nannofossil ooze. In Sections 1 and 2 there are intervals that are yellowish white nannofossil ooze. There are several mm scale green horizons and specks of pyrite throughout the core. Bioturbation is present throughout the core and ranges in intensity from low to high.



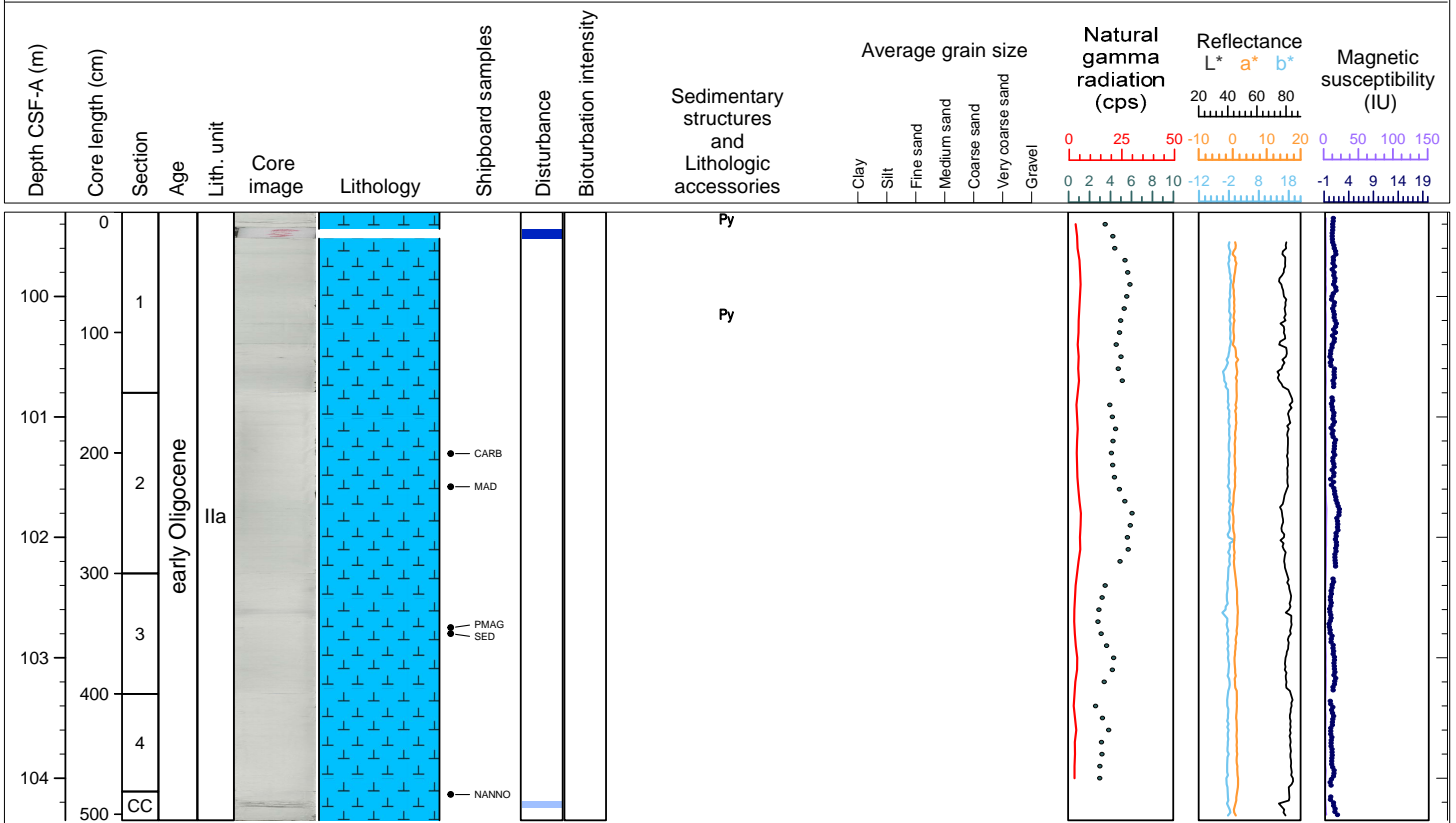
Hole 392-U1579B Core 15F, Interval 94.6-99.54 m (CSF-A)

Core U1579B-15F consists of light greenish gray nannofossil ooze with several thin green horizons throughout the core. In Section 3 at 20 cm there is a prominent vertical burrow. There are specks of pyrite and faint bioturbation throughout the core.



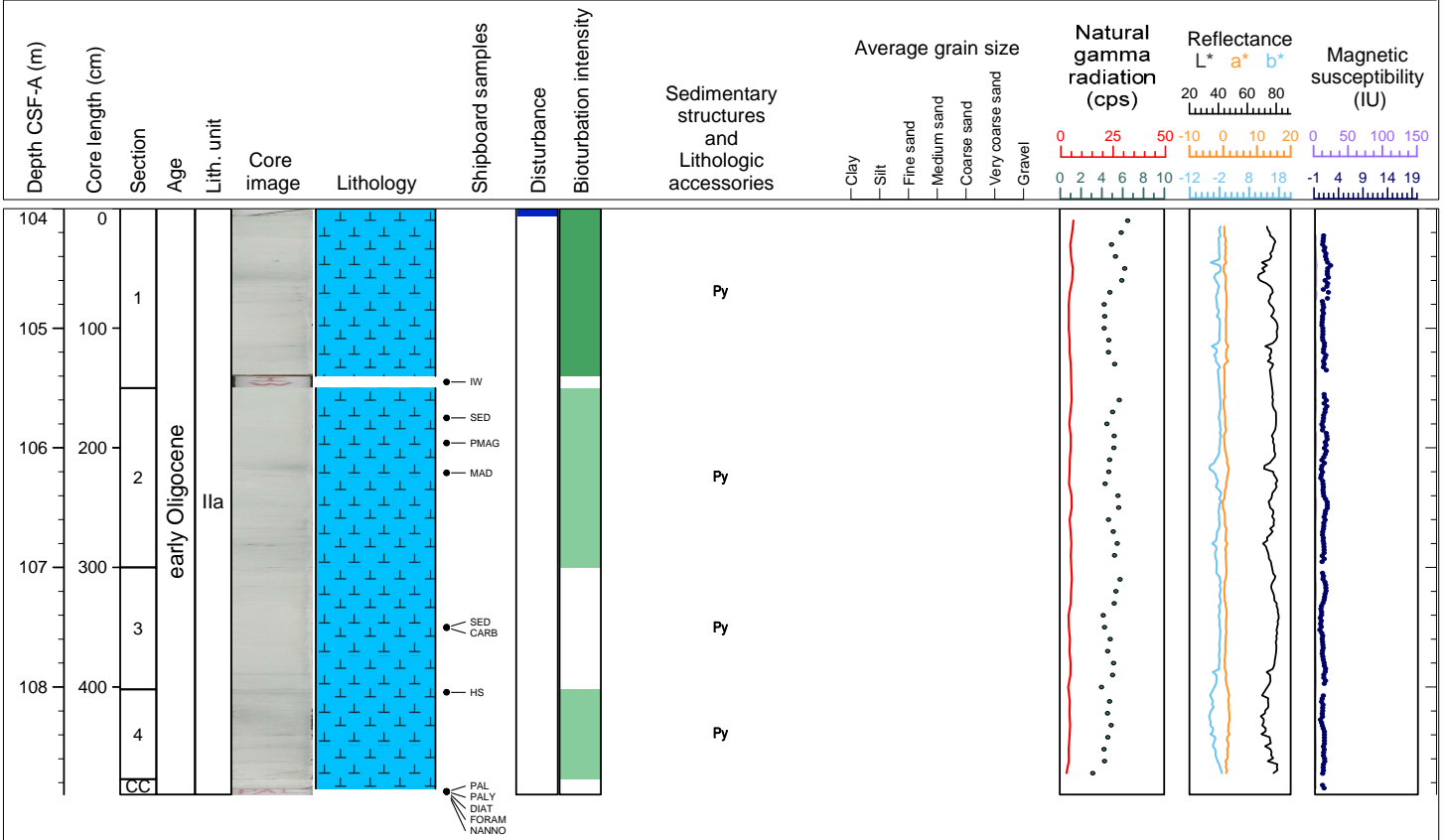
Hole 392-U1579B Core 16F, Interval 99.3-104.35 m (CSF-A)

Core U1579B-16F consists of white nanofossil ooze with decimeter-scale gray intervals in Sections 1 and 3. There is no obvious bioturbation in this core.



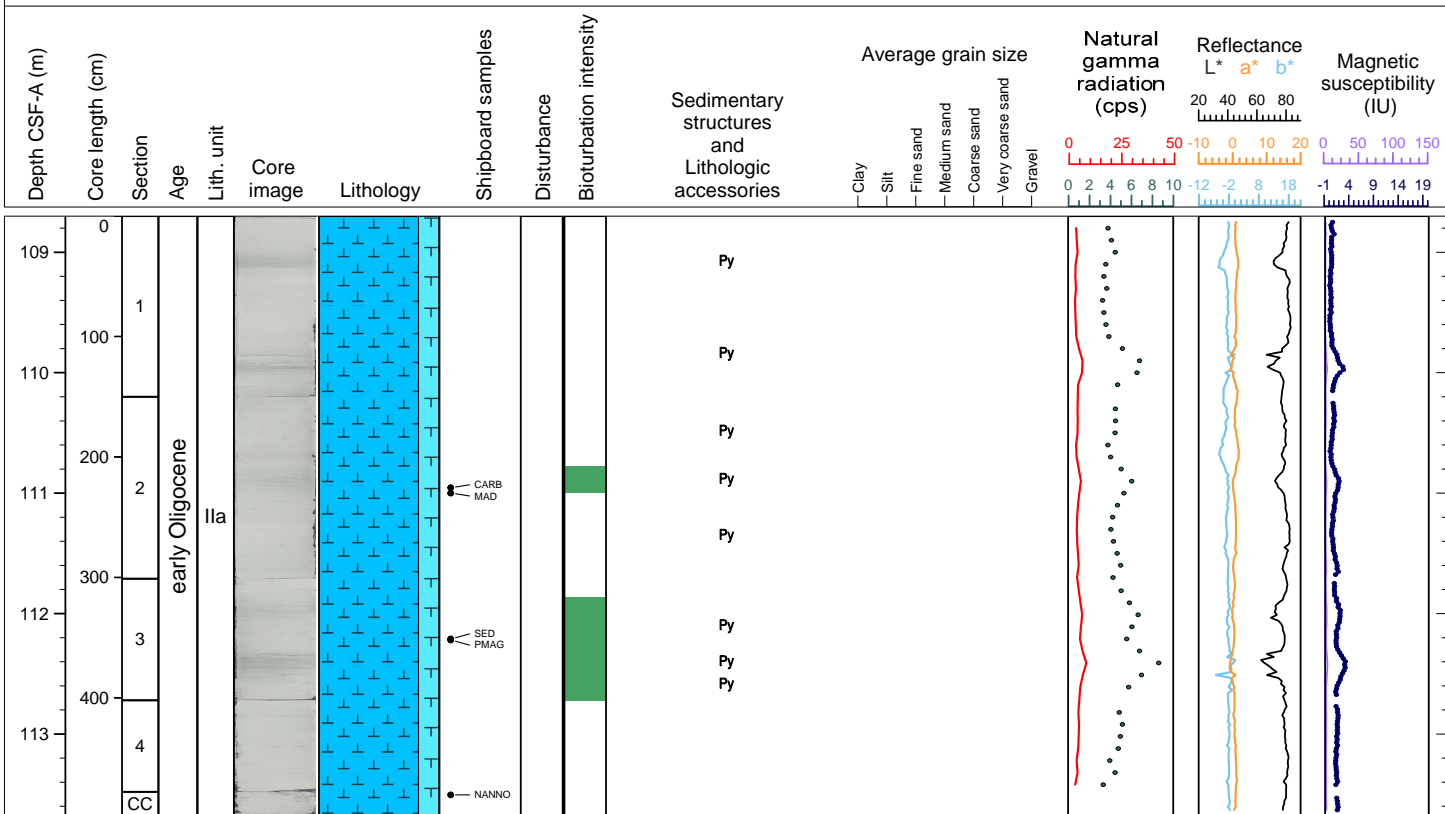
Hole 392-U1579B Core 17F, Interval 104.0-108.9 m (CSF-A)

Core U1579B-17F consists of light gray to white nanofossil ooze. Bioturbation intensity ranges from low to moderate throughout the core. The only drilling disturbance is a partial void in Section 1, 0-7 cm.



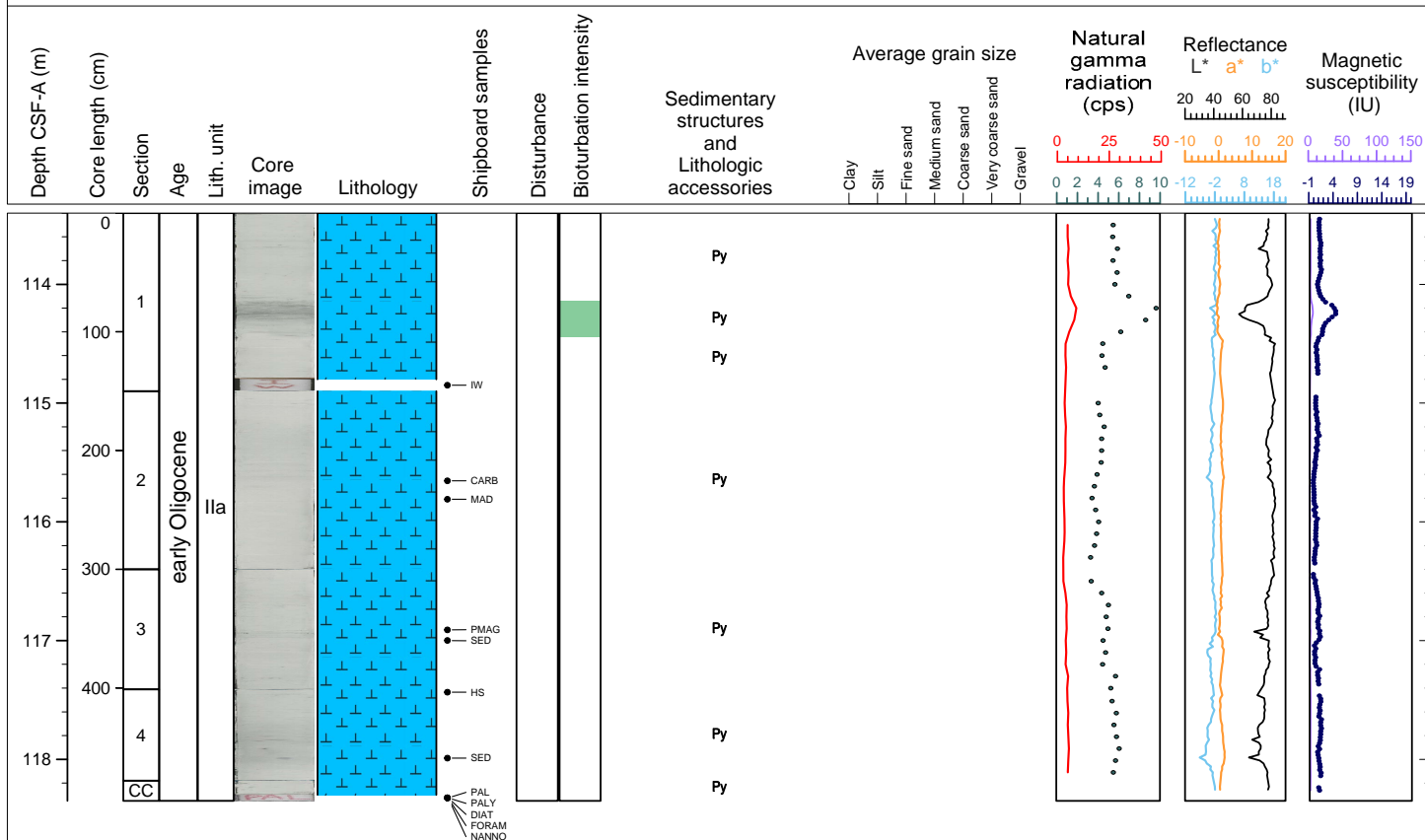
Hole 392-U1579B Core 18F, Interval 108.7-113.68 m (CSF-A)

Core U1579B-18F consists of white, light gray, and light greenish gray nannofossil ooze with foraminifers. In Section 3, there is a light greenish gray interval from 65-76 cm. Sections 2 and 3 are moderately bioturbated.



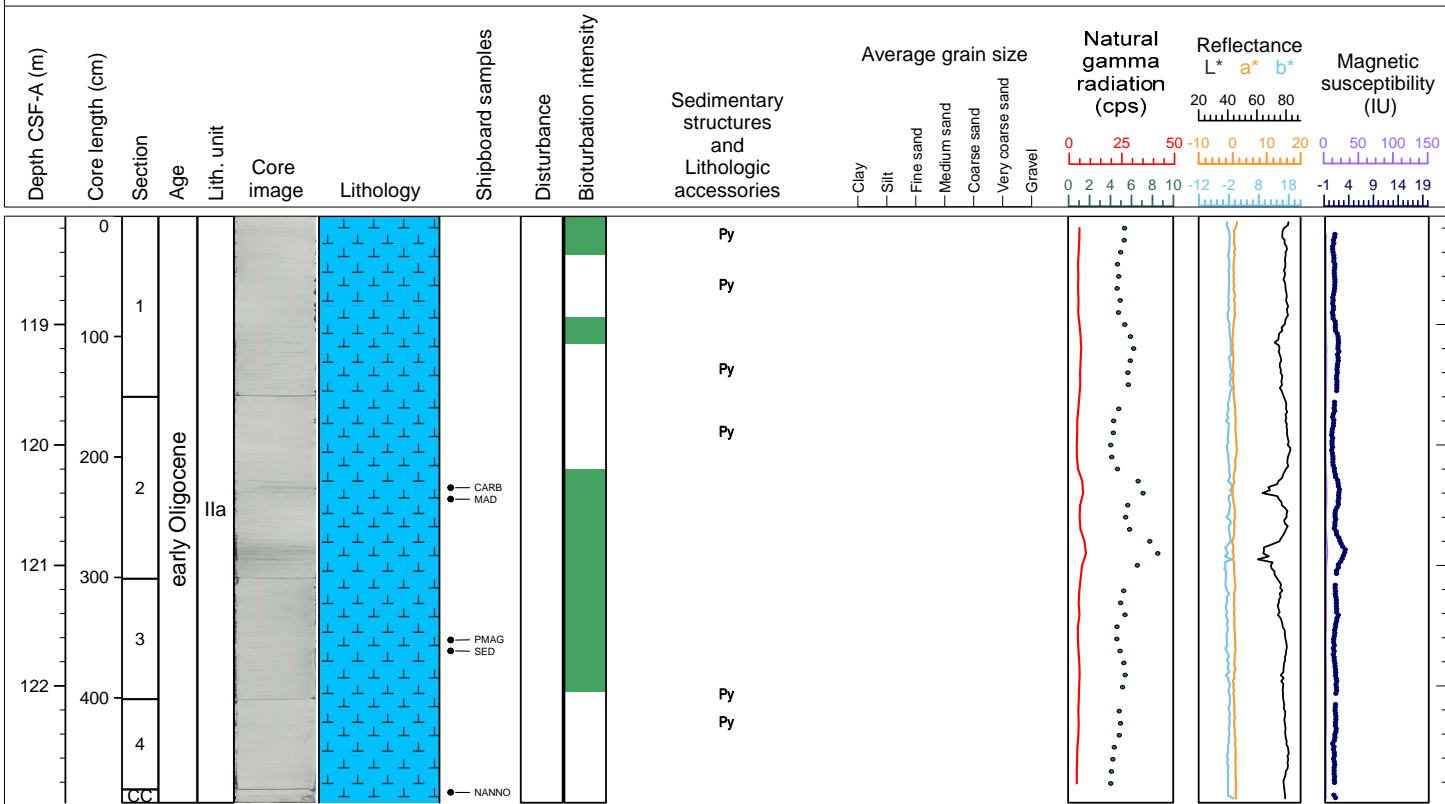
Hole 392-U1579B Core 19F, Interval 113.4-118.35 m (CSF-A)

Core U1579B-19F consists of white nannofossil ooze. There is a decimeter-scale greenish-gray interval in Section 1 at 80 cm that is moderately bioturbated.



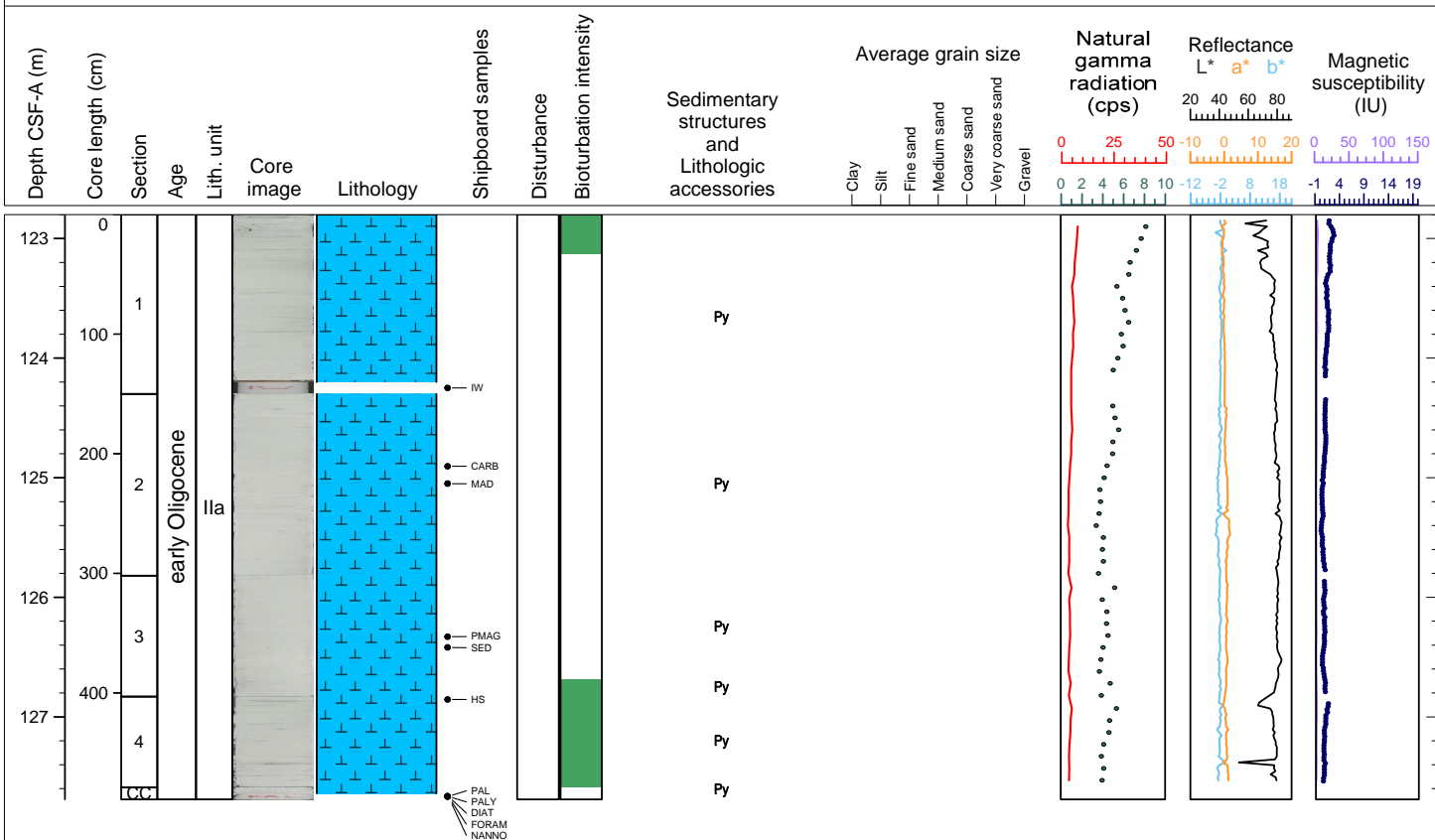
Hole 392-U1579B Core 20F, Interval 118.1-122.97 m (CSF-A)

Core U1579B-20F consists of white nanofossil ooze with intervals of light greenish gray nanofossil ooze in Section 2. Mottled intervals that are bioturbated are present throughout the core.



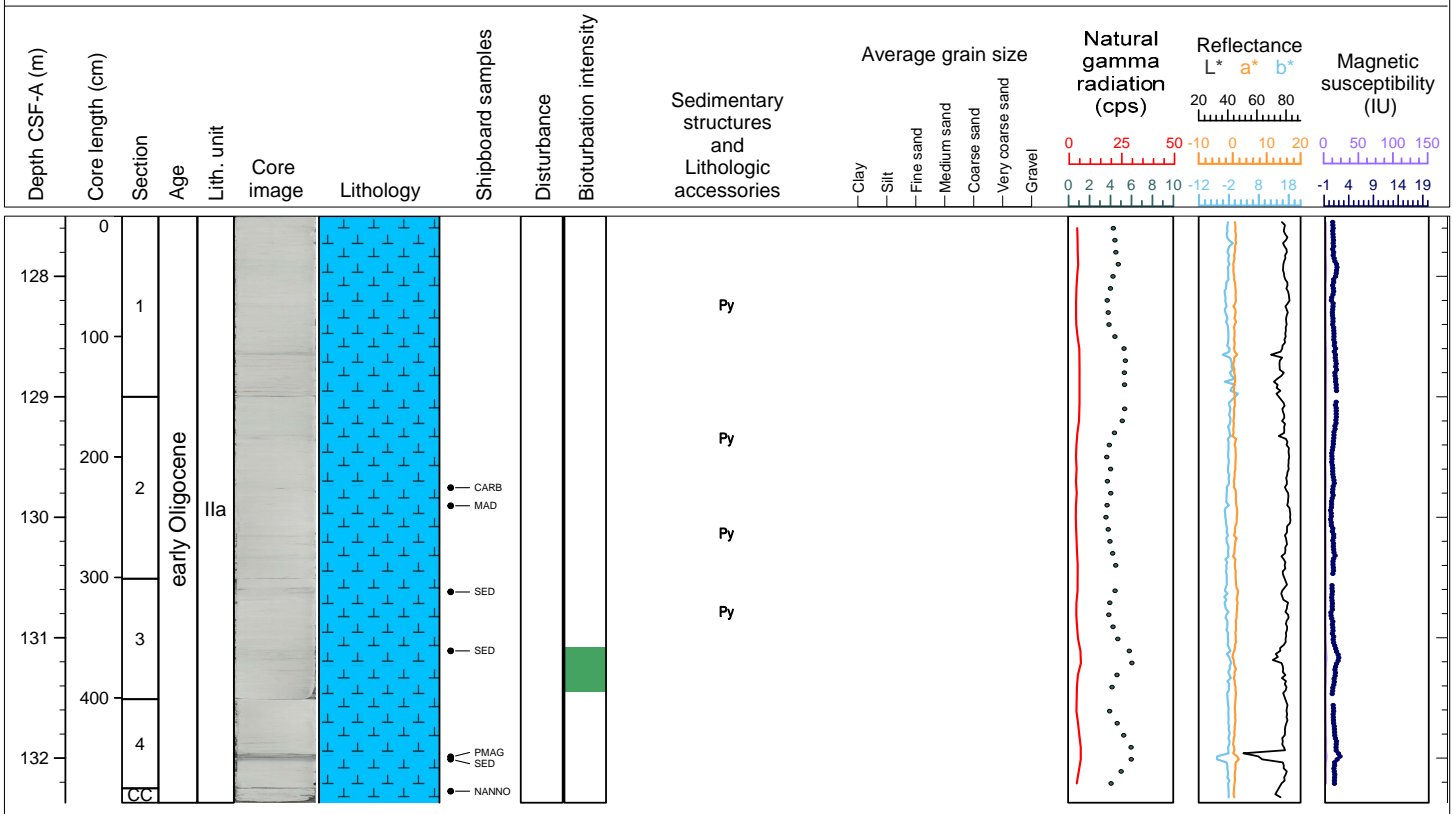
Hole 392-U1579B Core 21F, Interval 122.8-127.69 m (CSF-A)

Core U1579B-21F consists of white nanofossil ooze. There is mottling in Sections 1, 3, and 4 from bioturbation.



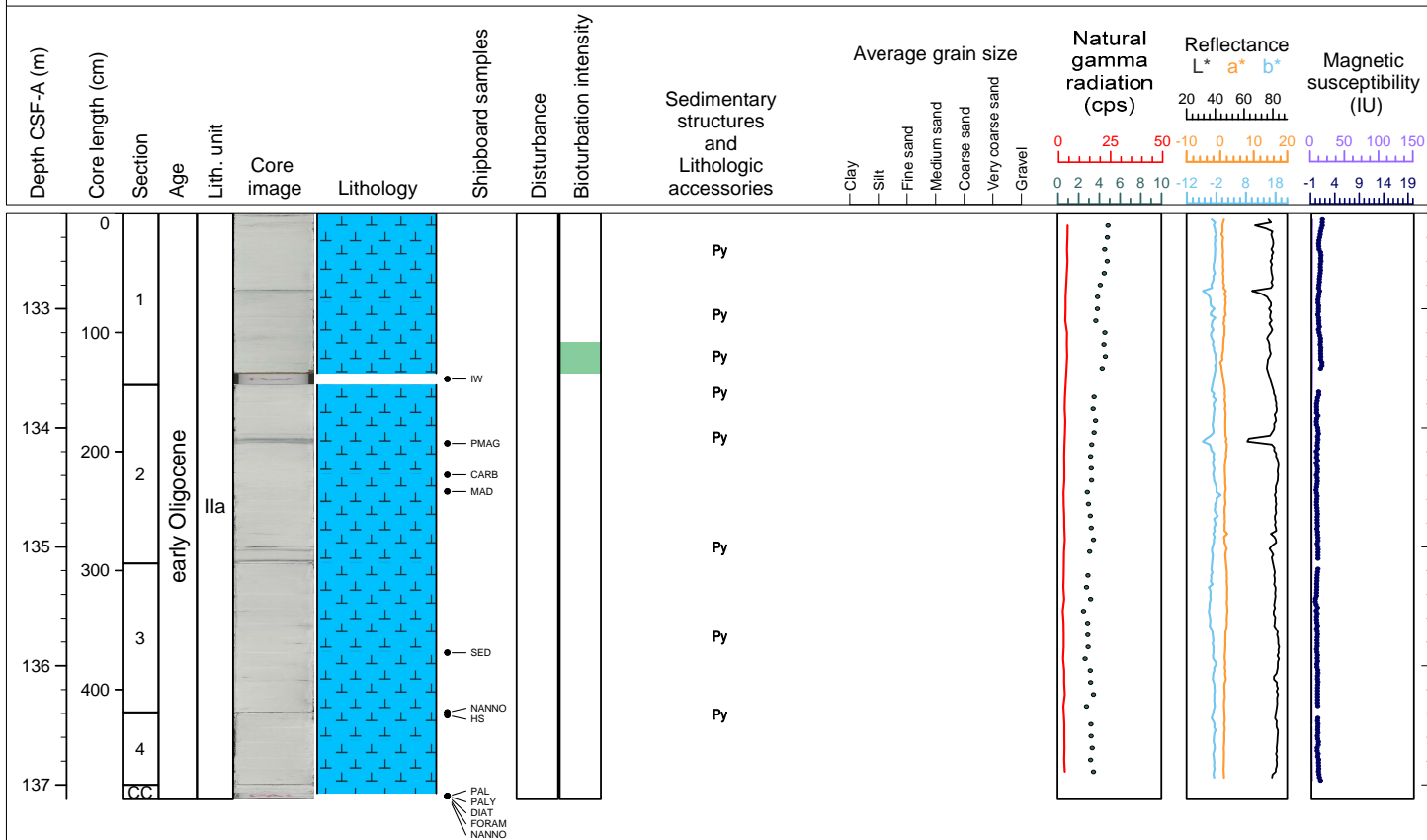
Hole 392-U1579B Core 22F, Interval 127.5-132.37 m (CSF-A)

Core U1579B-22F consists of white nannofossil ooze with a prominent interval of greenish gray nannofossil ooze in Section 4. There is moderate bioturbation in Section 3 (57-94 cm).



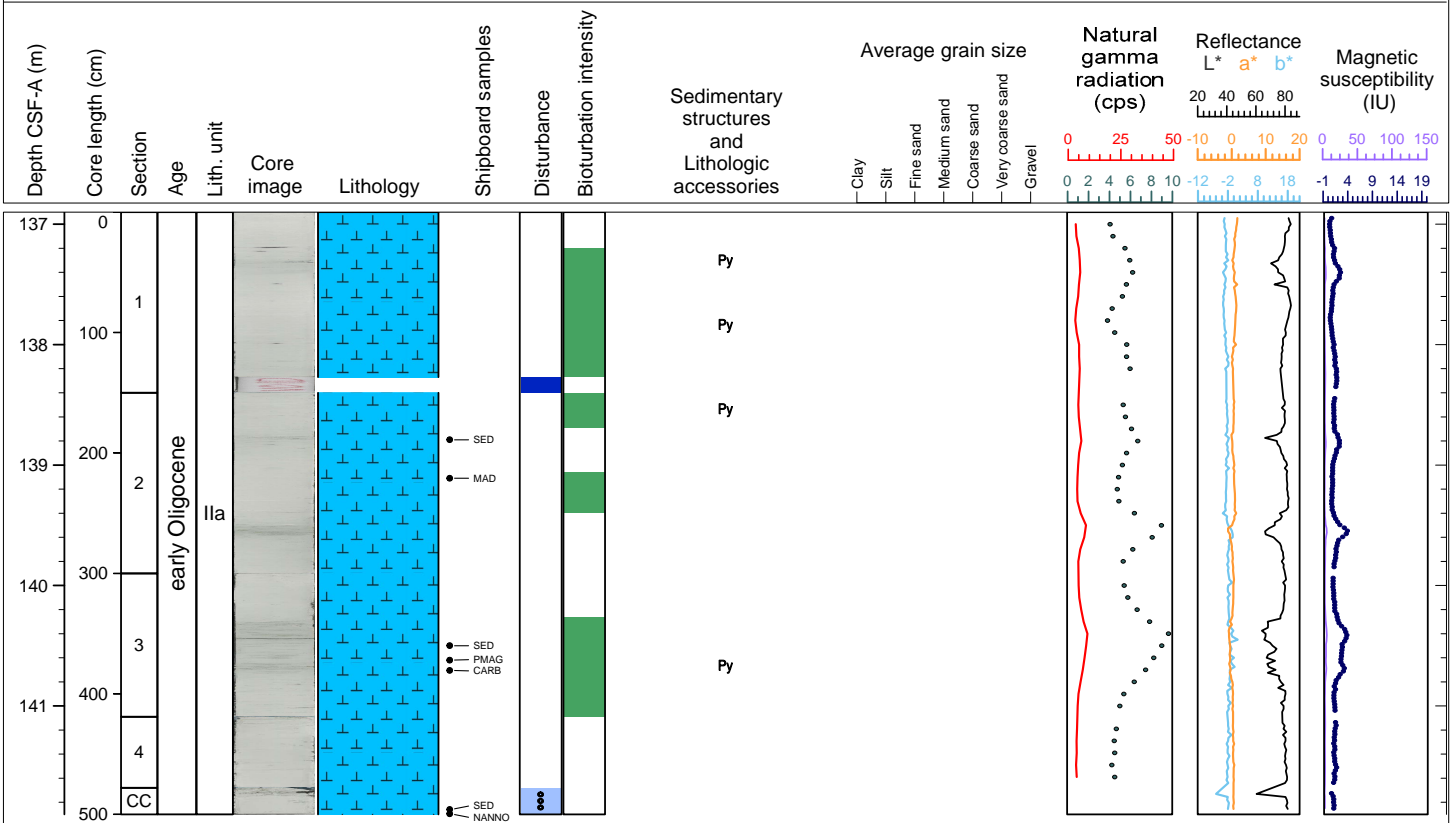
Hole 392-U1579B Core 23F, Interval 132.2-137.12 m (CSF-A)

Core U1579B-23F consists of white nannofossil ooze with several intervals of light greenish gray nannofossil ooze in Section 2. There are mottled intervals in Section 1 that are moderately bioturbated.



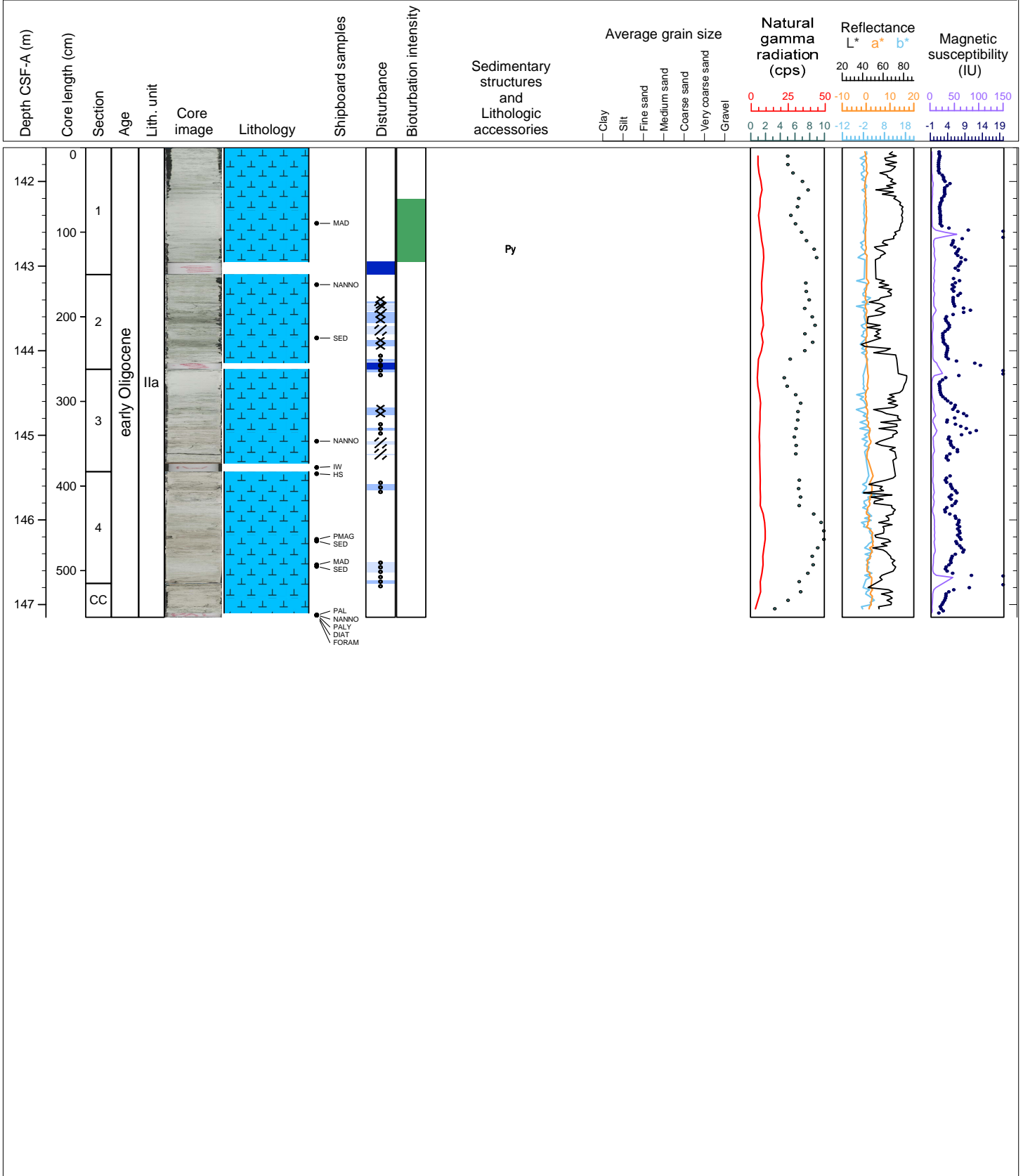
Hole 392-U1579B Core 24F, Interval 136.9-141.9 m (CSF-A)

Core U1579B-24F consists of white nanofossil ooze. In Sections 2 and 3 there are decimeter-scale intervals of light greenish gray nanofossil ooze that appear mottled with moderate bioturbation.



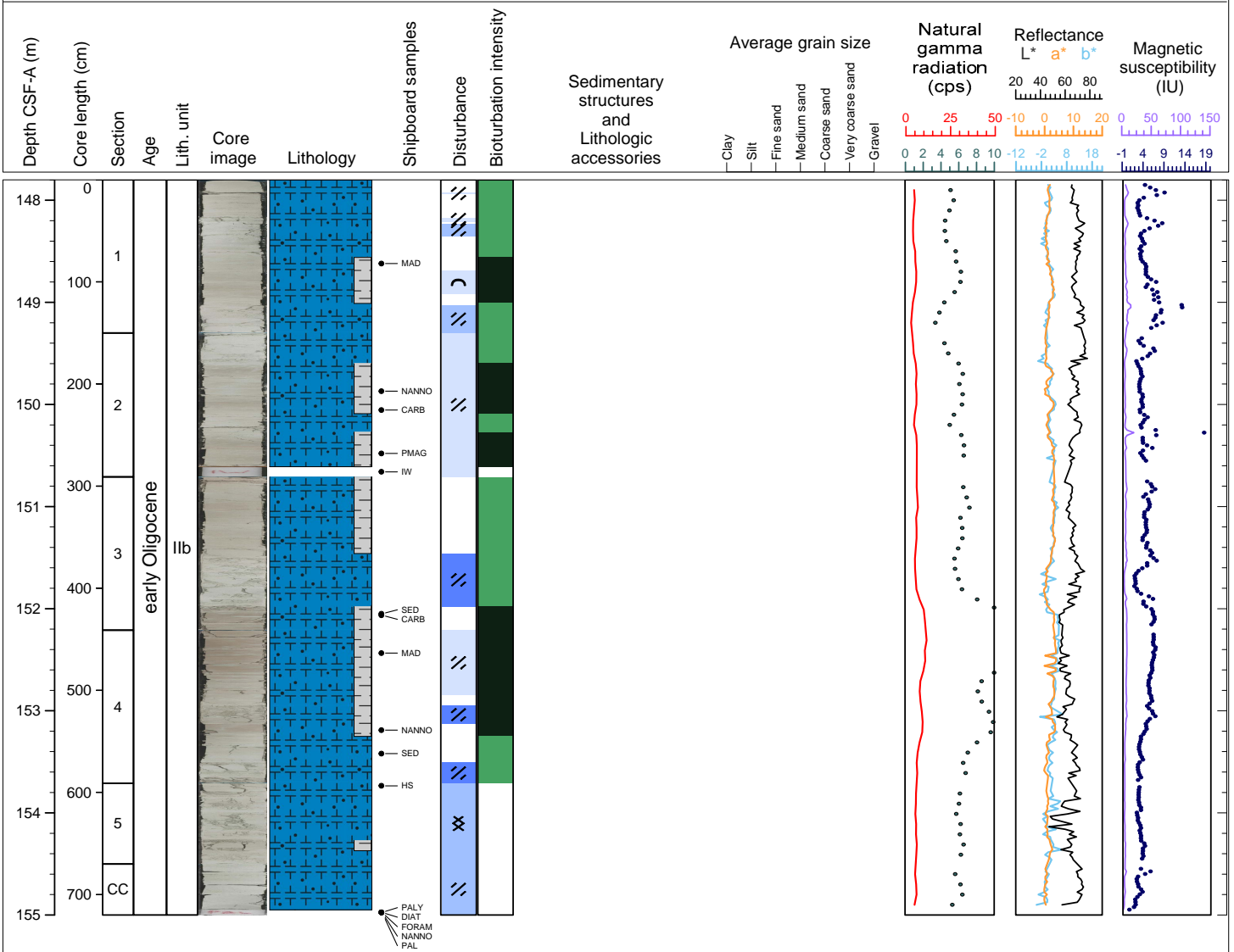
Hole 392-U1579B Core 25X, Interval 141.6-147.15 m (CSF-A)

Core U1579B-25X consists of light greenish gray nannofossil ooze. There are pinkish white nannofossil ooze intervals in Sections 3 (108-111 cm), 4 (0-22, 52-63, 67-96, and 119-132 cm), and CC (0-28 cm). Drilling disturbance ranges from slight to destroyed (brecciated, fractured, void, soupy, and brecciated).



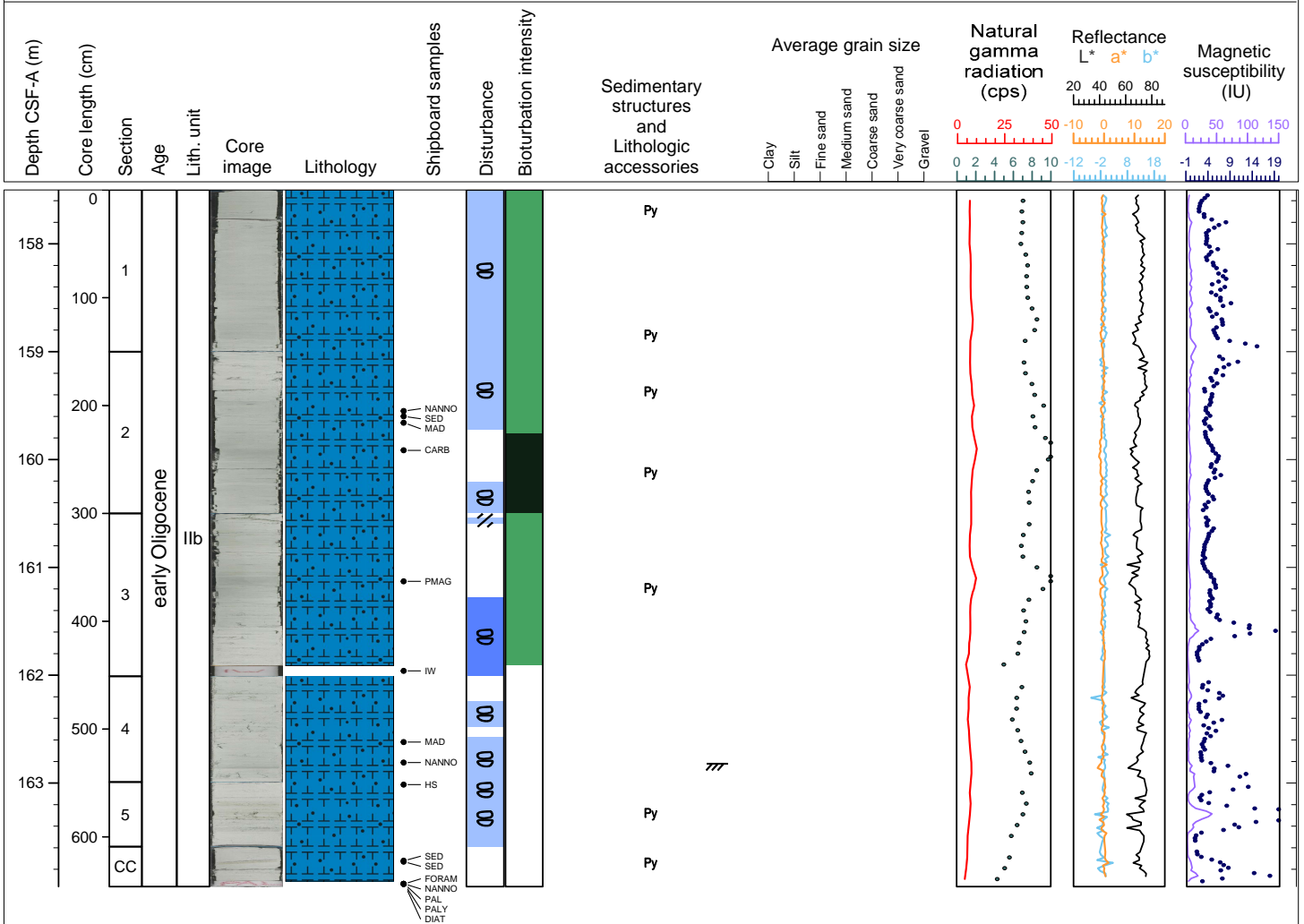
Hole 392-U1579B Core 26X, Interval 147.8-155.0 m (CSF-A)

Core U1579B-26X consists of white nannofossil chalk and pinkish white and nannofossil chalk with clay. The entire core is moderately to intensely bioturbated with distinct burrows. Drilling disturbance ranges from slight to severe (brecciated, fractured, and up-arching).



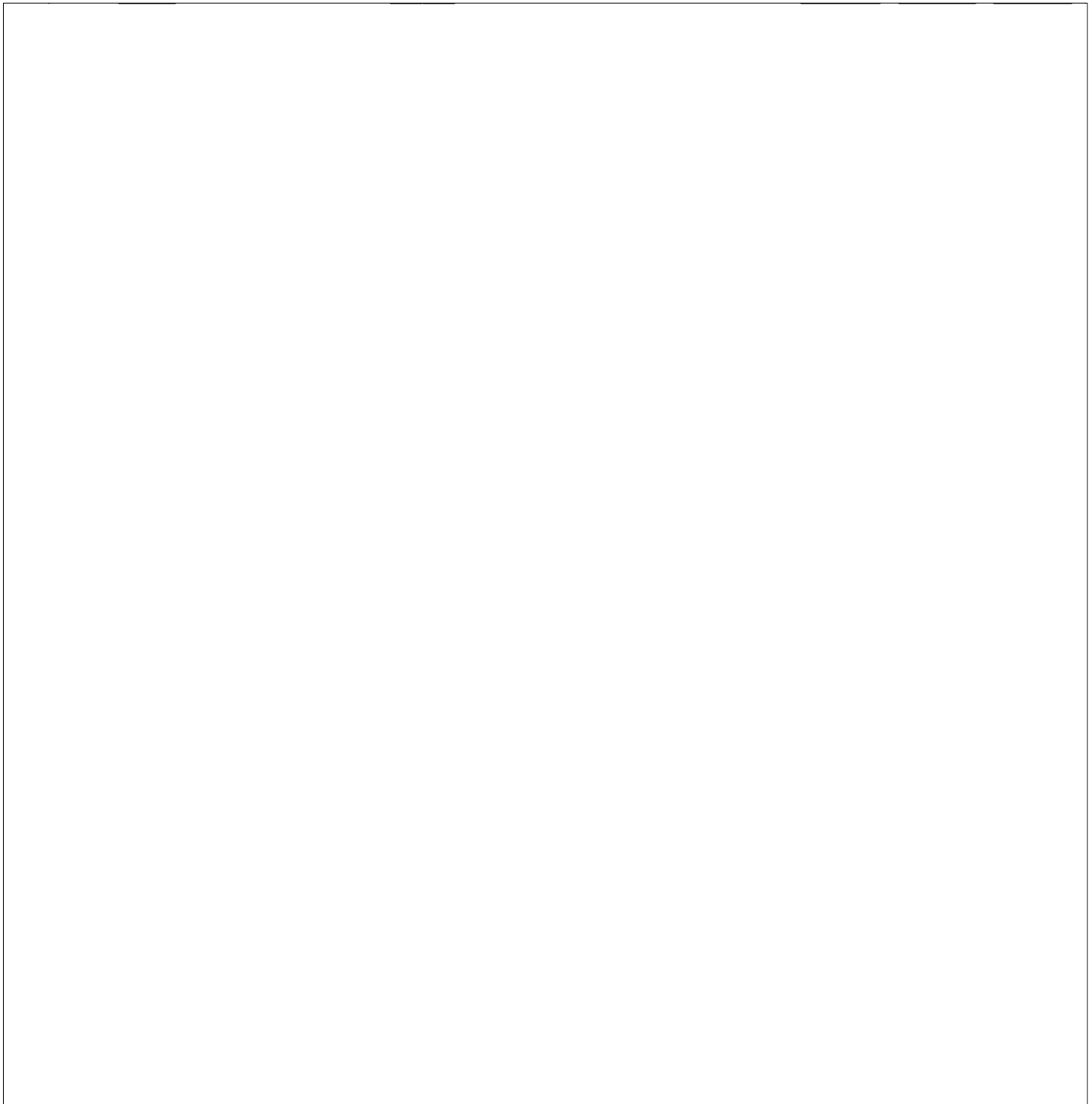
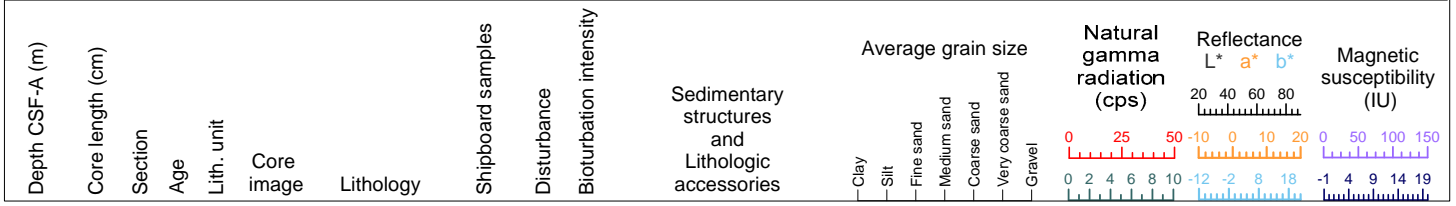
Hole 392-U1579B Core 27X, Interval 157.5-163.96 m (CSF-A)

Core U1579B-27X consists of light greenish gray nannofossil chalk. Sections 1 to 3 are moderately to intensely bioturbated with distinct burrows. Drilling disturbance ranges from moderate to severe (fractured and biscuit).



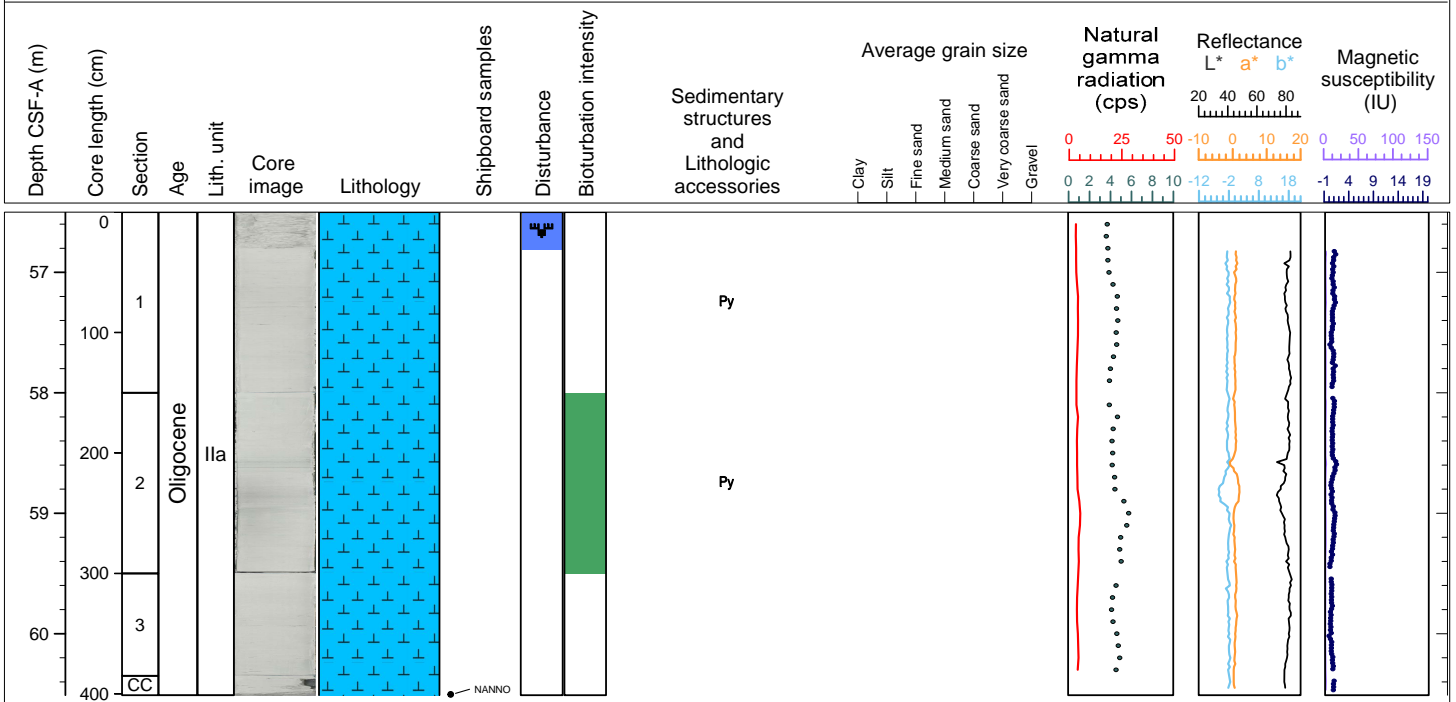
Hole 392-U1579C Core 11, Interval 0.0-0.0 m (CSF-A)

DRILLED INTERVAL 0-56.5 m



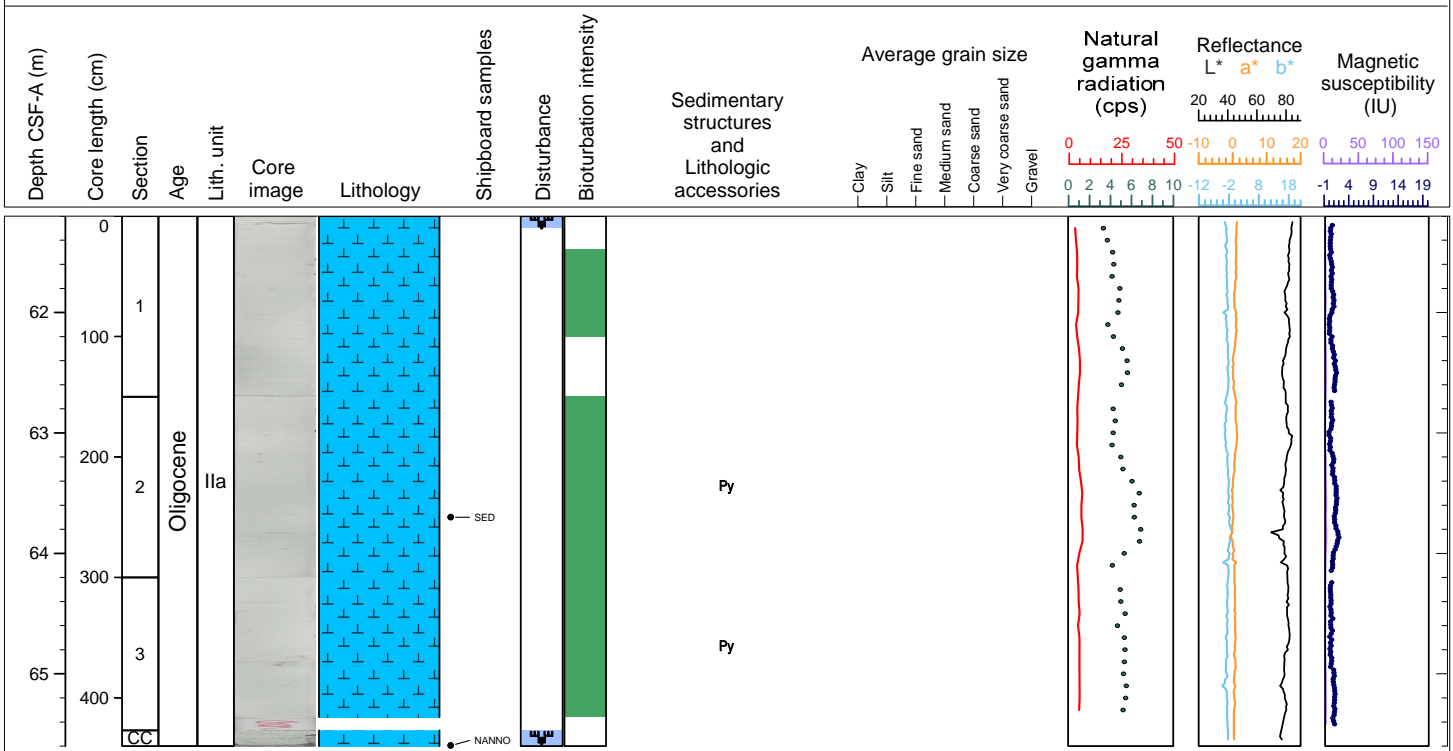
Hole 392-U1579C Core 2F, Interval 56.5-60.51 m (CSF-A)

Core U1579C-2F consists of white nannofossil ooze with several thin green horizons. Section 2 is moderately bioturbated. In Section 1 (0-31 cm), there is severe mussel-like disturbance.



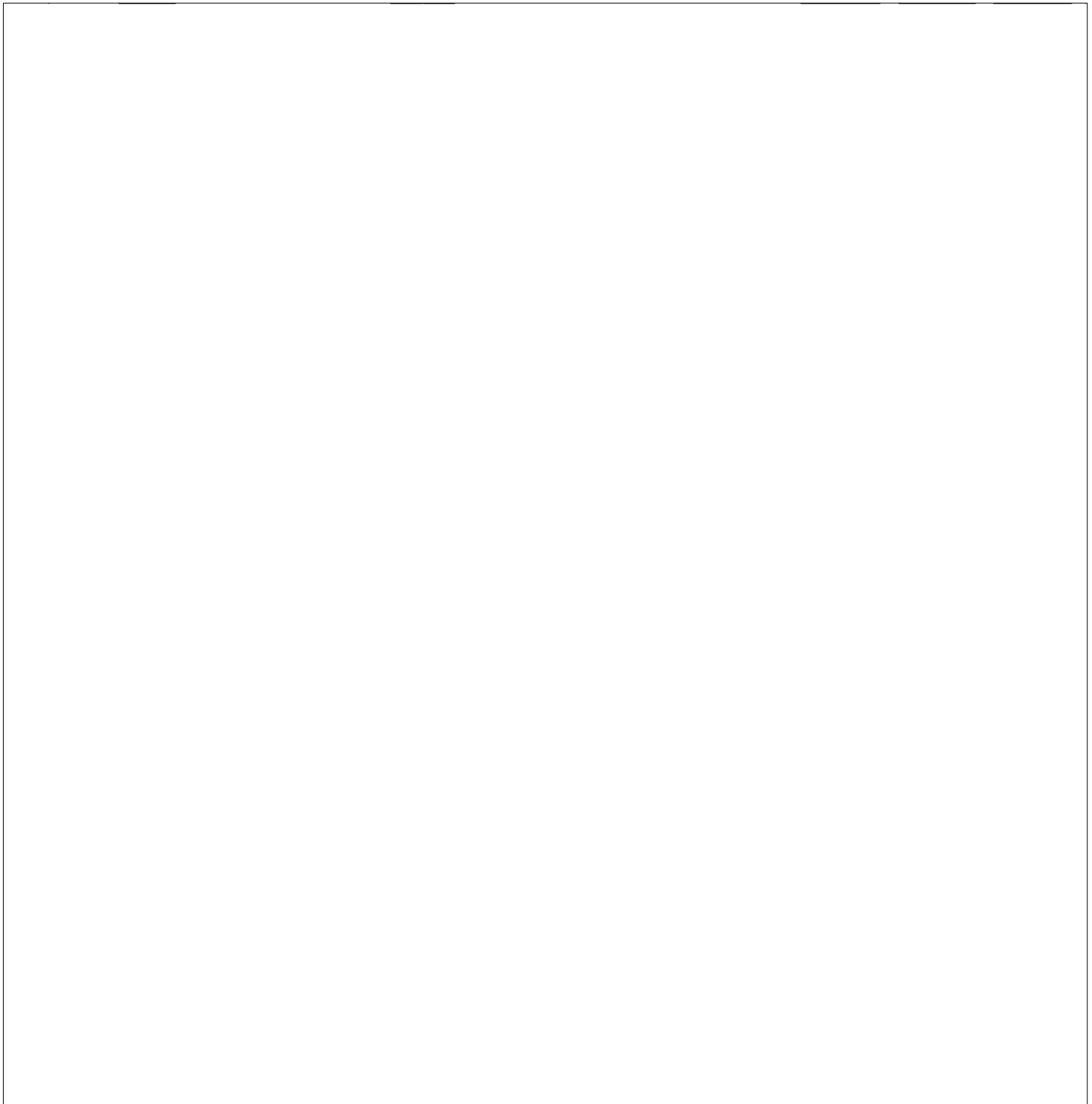
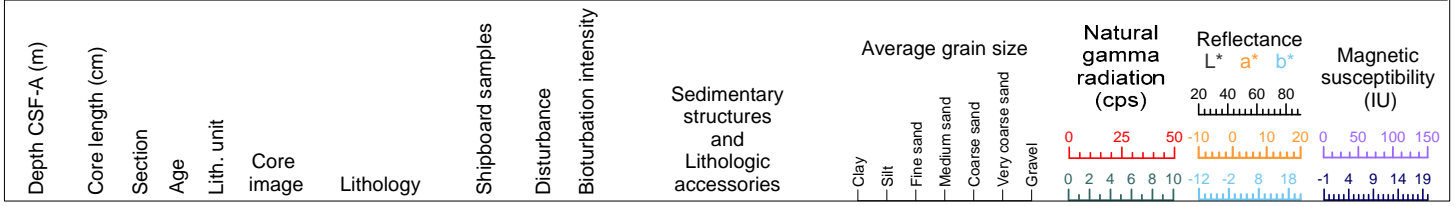
Hole 392-U1579C Core 3F, Interval 61.2-65.6 m (CSF-A)

Core U1579C-3F consists of white nannofossil ooze with patches of pyrite staining. Bioturbation ranges from sparse to moderate throughout the core. In Sections 1 (0-10 cm) and CC (0-15 cm), there is moderate mussel-like disturbance.



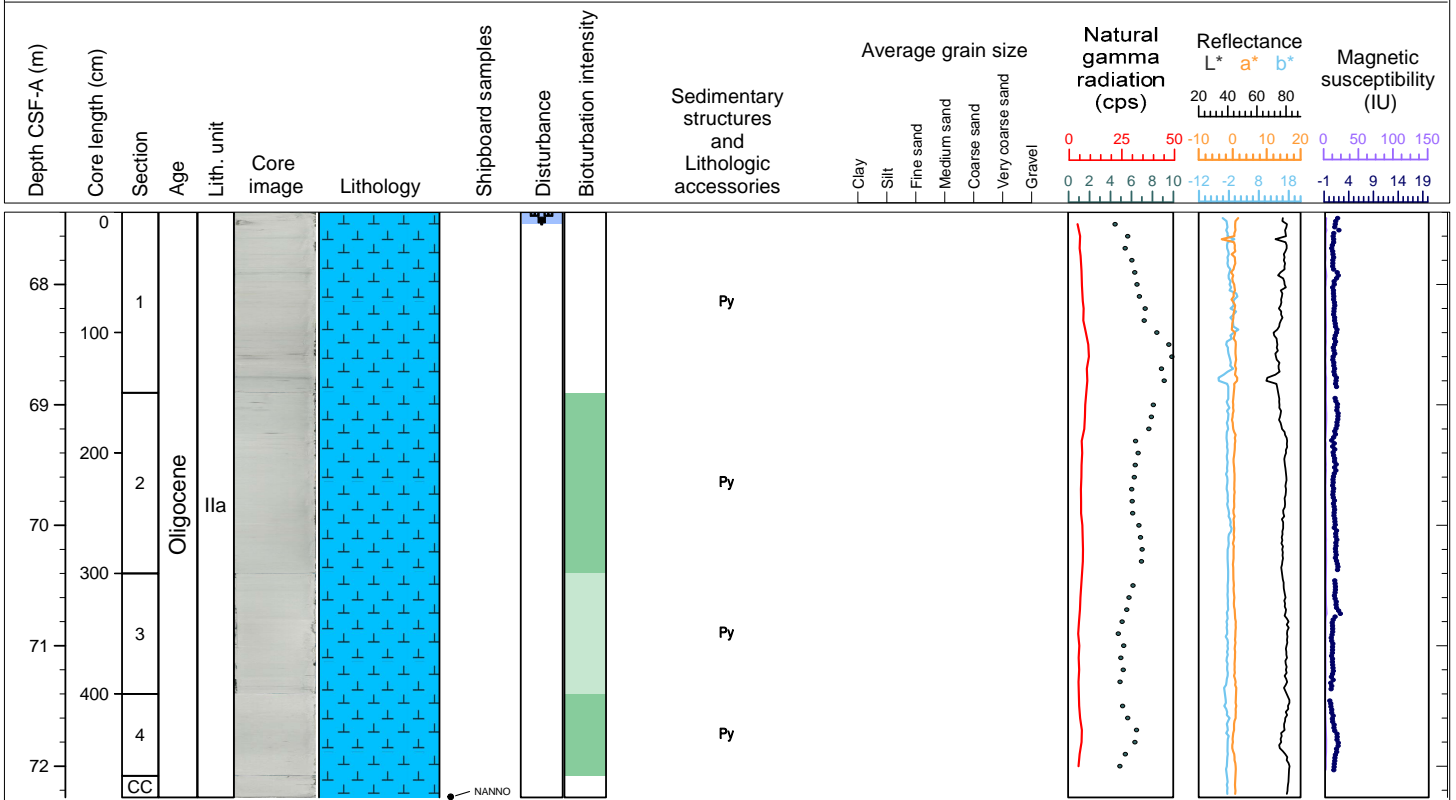
Hole 392-U1579C Core 41, Interval 65.9-65.9 m (CSF-A)

DRILLED INTERVAL 65.9-67.4 m



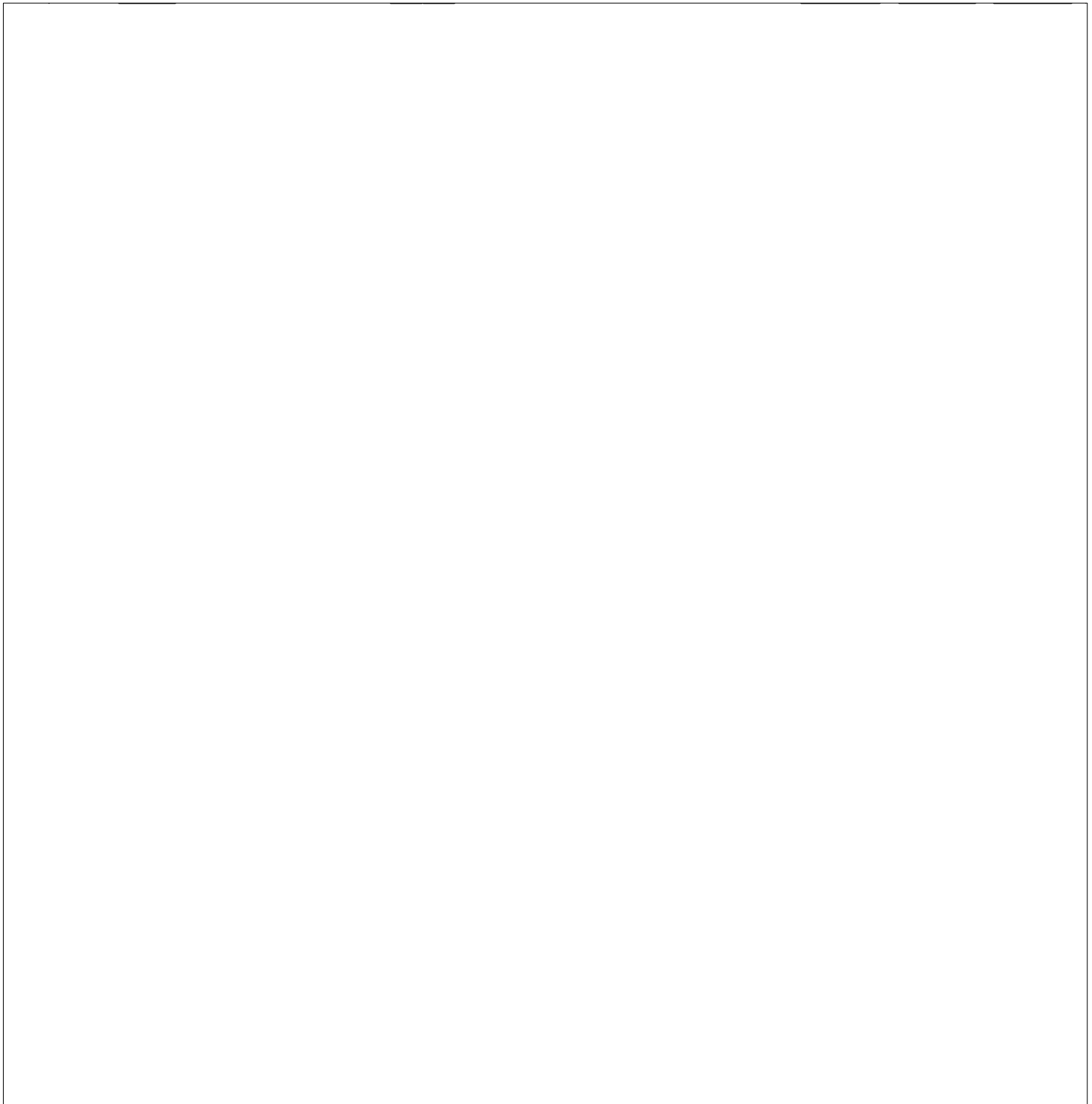
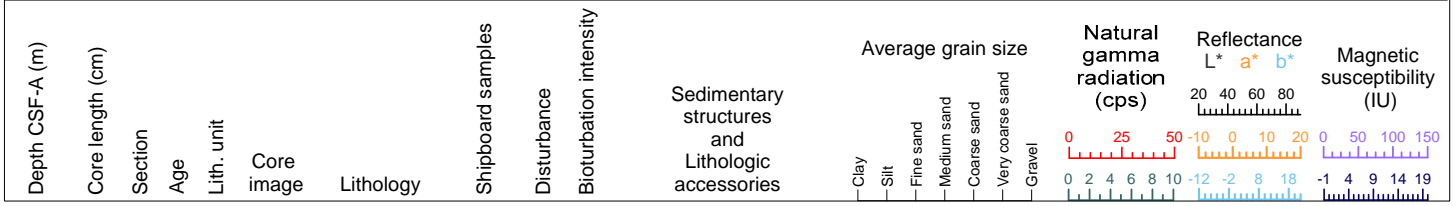
Hole 392-U1579C Core 5F, Interval 67.4-72.26 m (CSF-A)

Core U1579C-5F consists of white nannofossil ooze with patches of pyrite staining. Bioturbation is present in Sections 2-4 and ranges from sparse to low. In Section 1 (0-10 cm) there is mussel-like drilling disturbance.



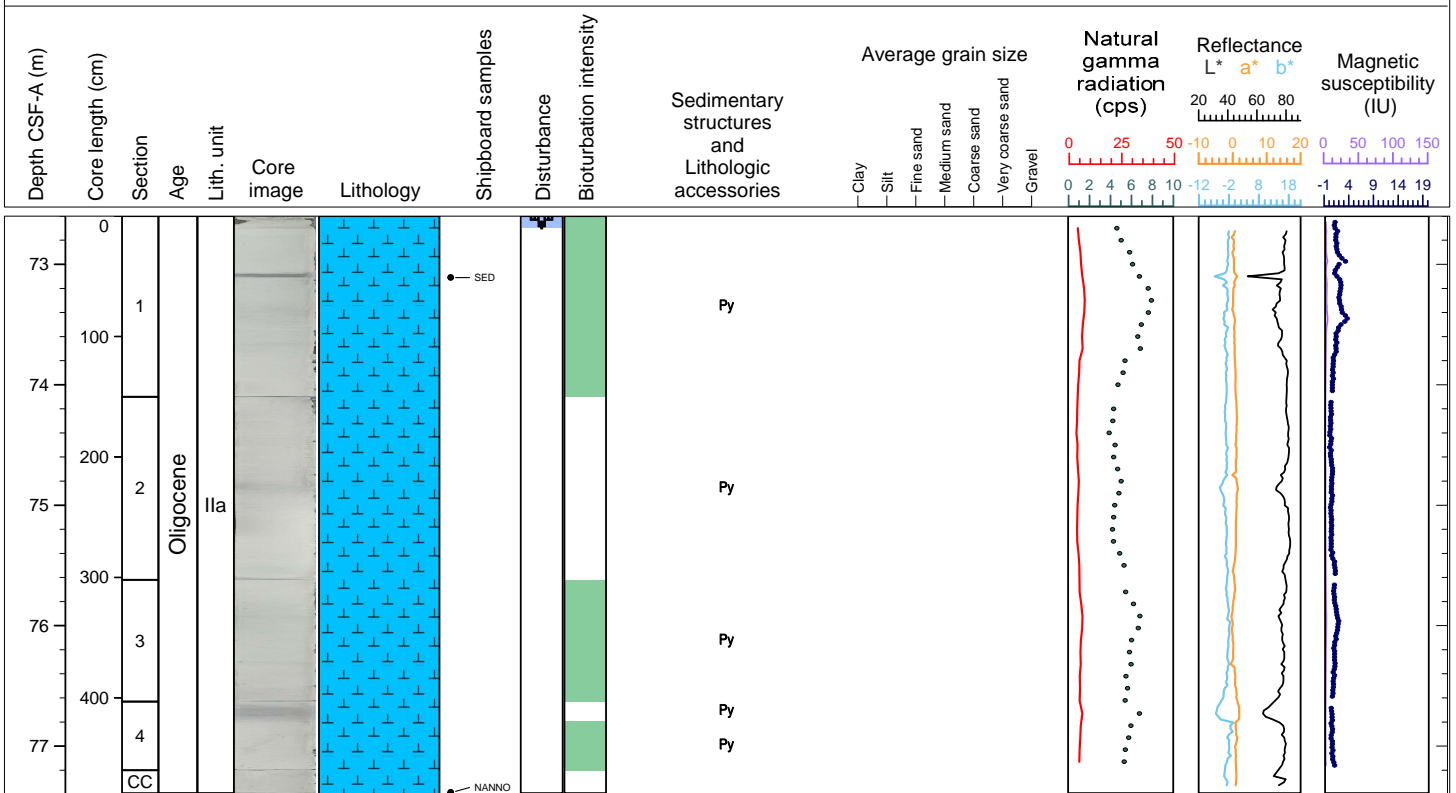
Hole 392-U1579C Core 61, Interval 72.1-72.1 m (CSF-A)

DRILLED INTERVAL 72.1-72.6 m



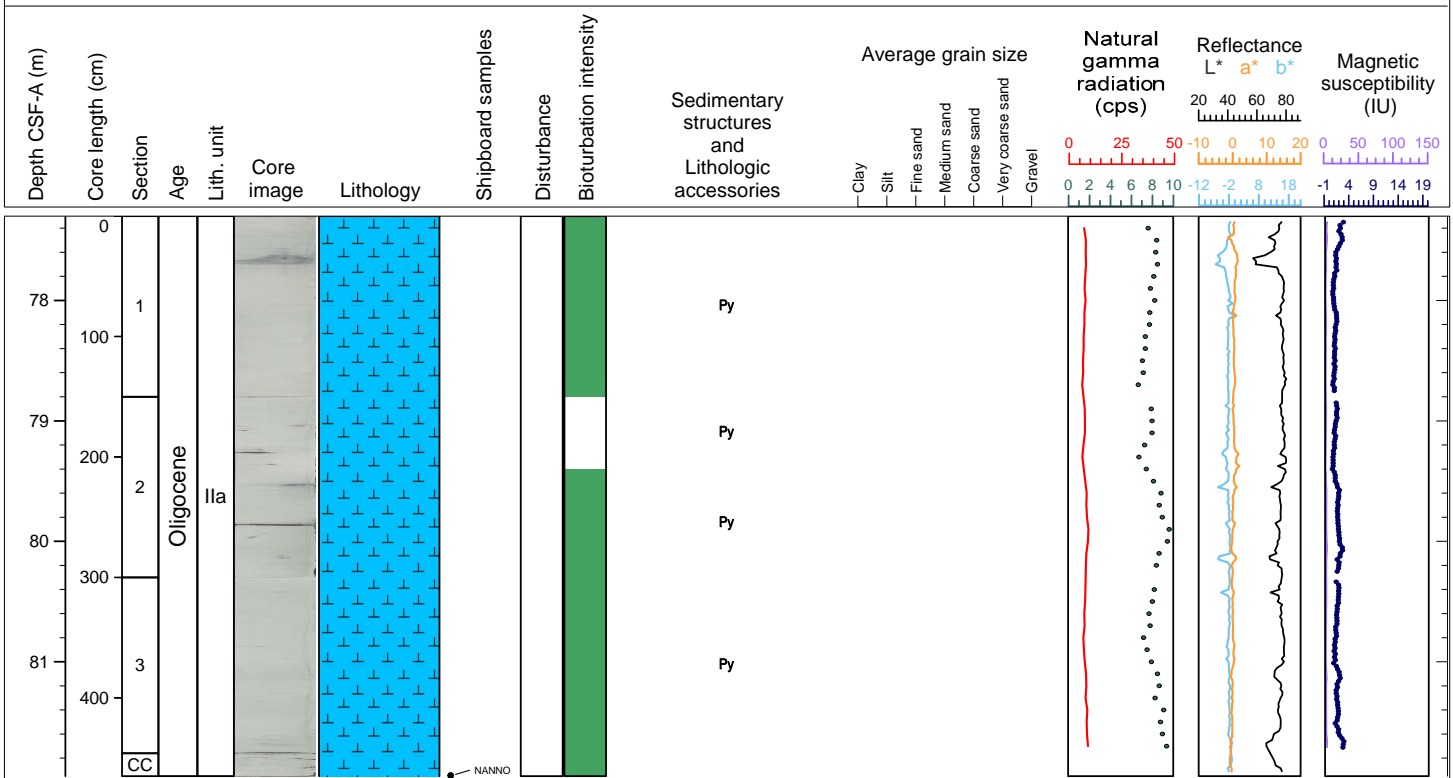
Hole 392-U1579C Core 7F, Interval 72.6-77.39 m (CSF-A)

Core U1579C-7F consists of white nannofossil ooze with sparse thin green horizons and patches of pyrite staining. In Sections 1, 3, and 4 there are low levels of bioturbation. In Section 1 (0-10 cm) there is moderate moussellike drilling disturbance.



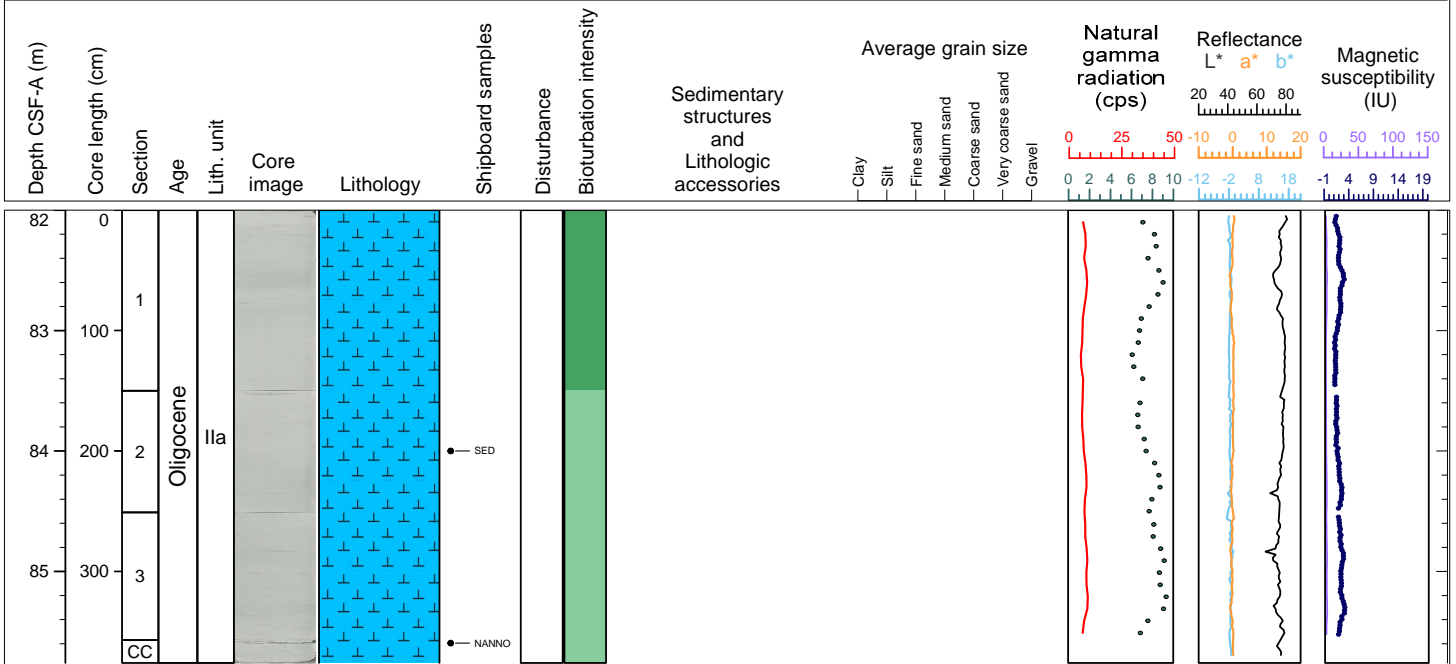
Hole 392-U1579C Core 8F, Interval 77.3-81.95 m (CSF-A)

Core U1579C-8F consists of white nannofossil ooze with gray patches of pyrite staining. The core is moderately bioturbated.



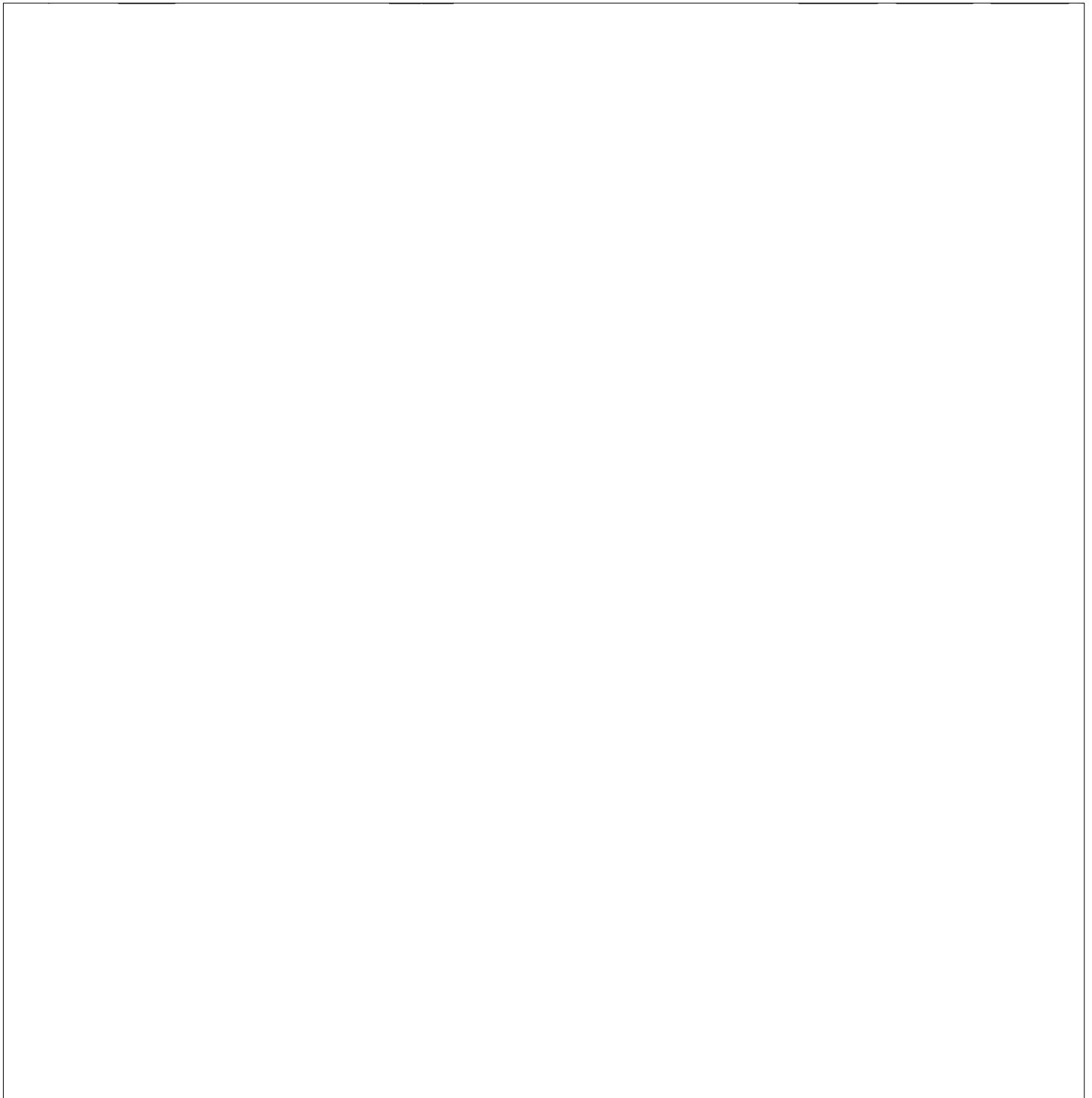
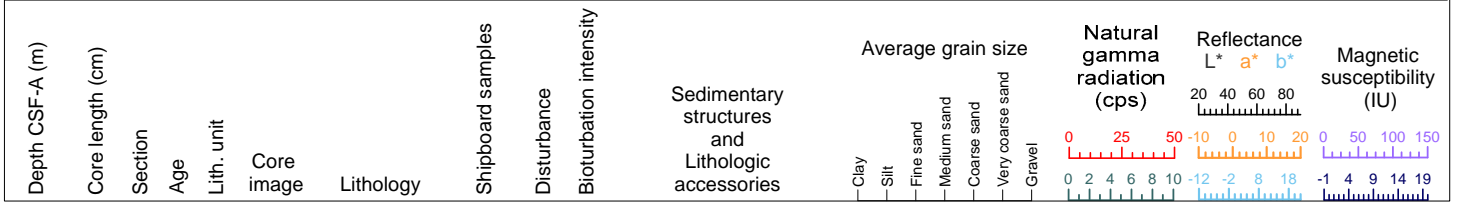
Hole 392-U1579C Core 9F, Interval 82.0-85.76 m (CSF-A)

Core U1579C-9F consists of white nannofossil ooze. There are low to moderate levels of bioturbation throughout the core.



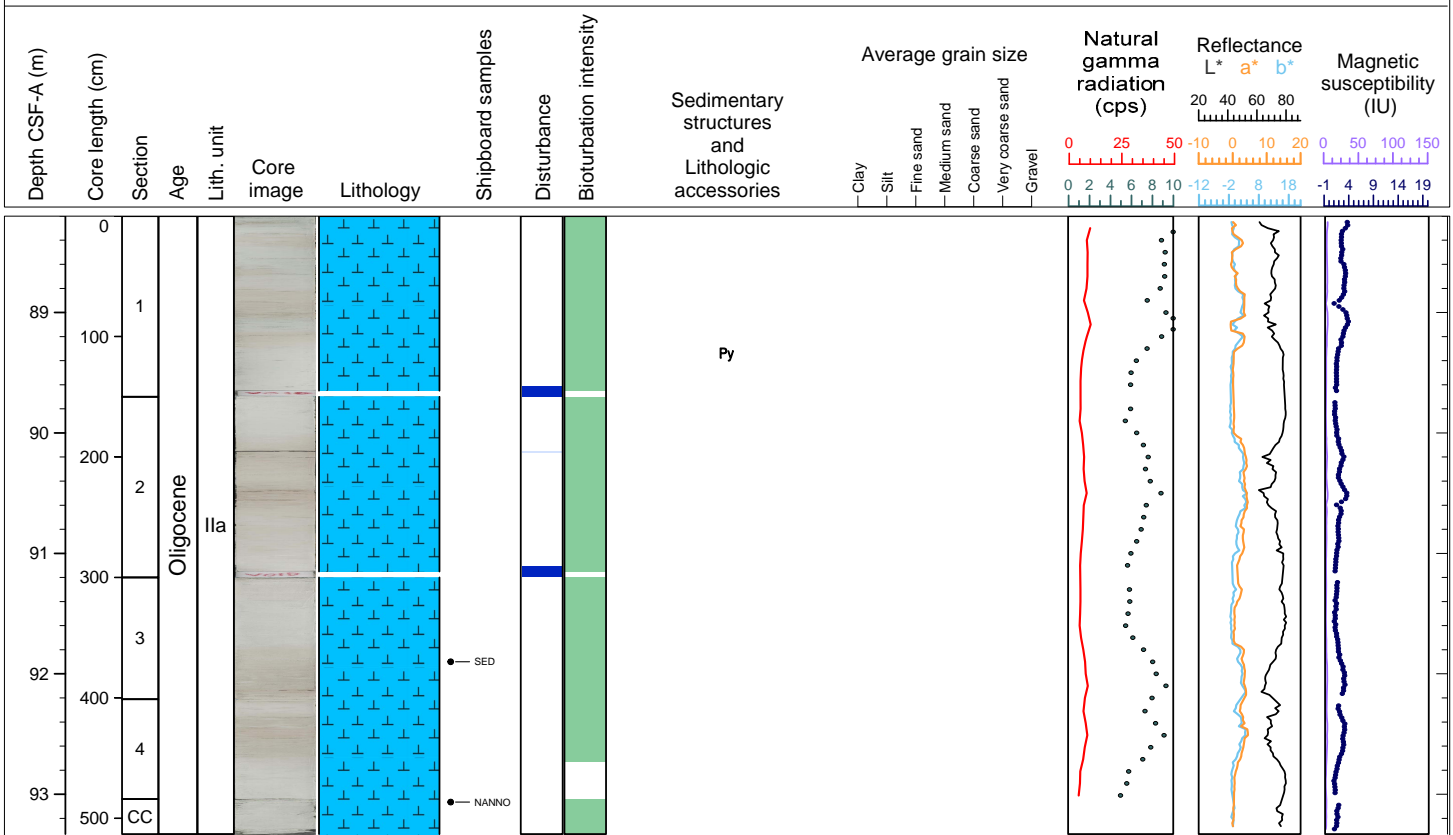
Hole 392-U1579C Core 101, Interval 86.7-86.7 m (CSF-A)

DRILLED INTERVAL 86.7-88.2 m



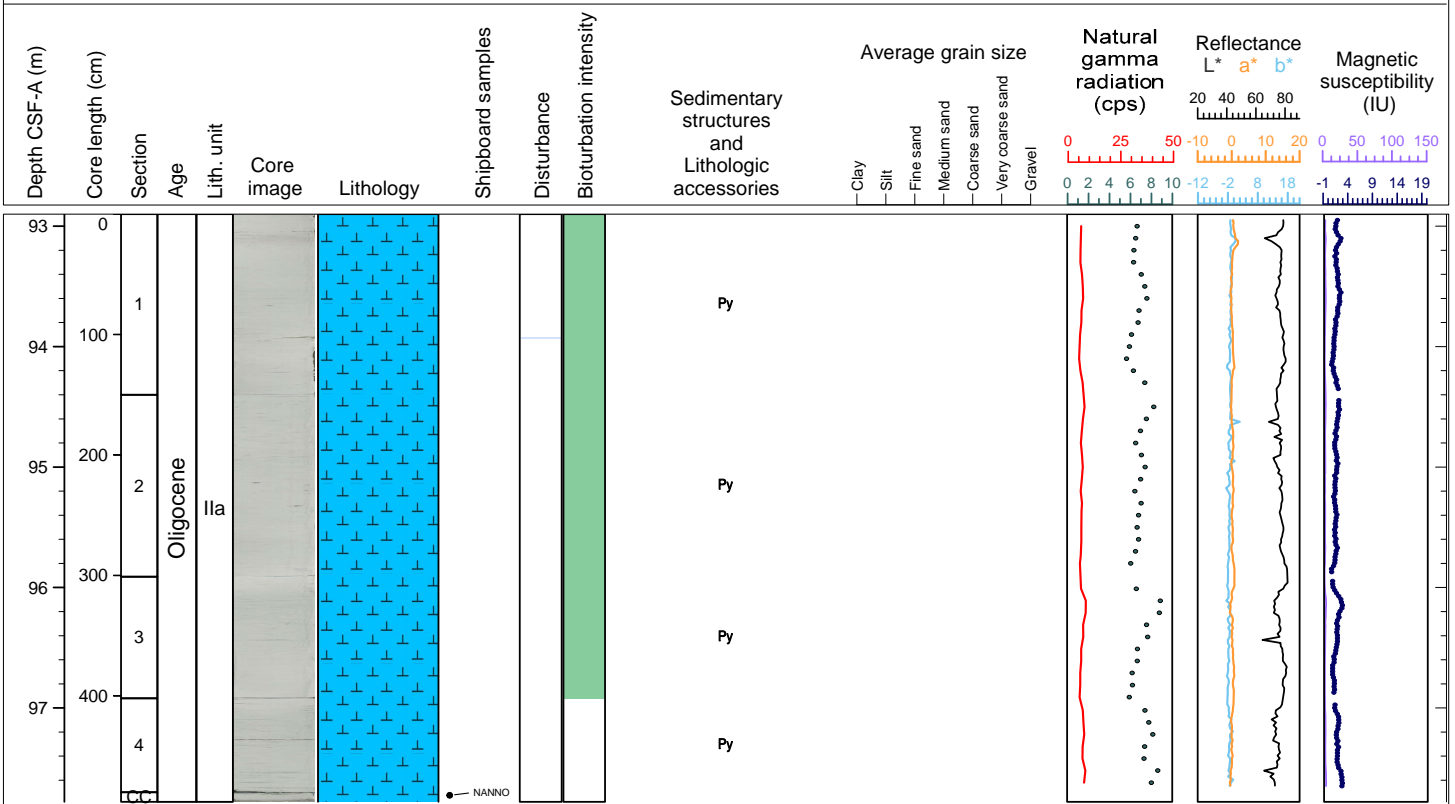
Hole 392-U1579C Core 11F, Interval 88.2-93.33 m (CSF-A)

Core U1579C-11F consists of light greenish gray nannofossil ooze. There are low levels of bioturbation throughout the core. There are voids in Sections 1 (145-150 cm) and 2 (145-50 cm).



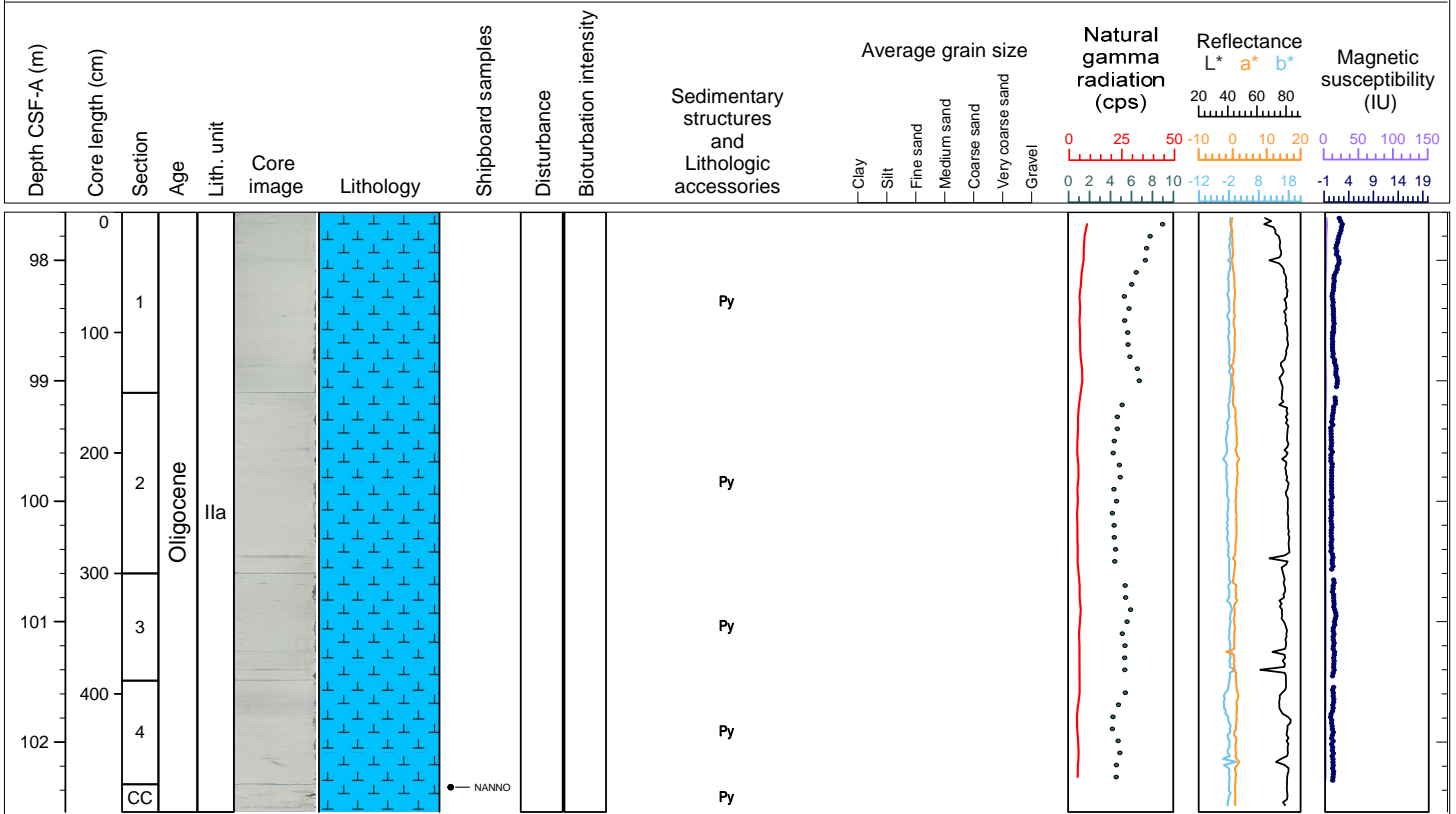
Hole 392-U1579C Core 12F, Interval 92.9-97.78 m (CSF-A)

Core U1579C-12F is massively bedded light greenish gray nannofossil ooze. Bioturbation intensity is low in Sections 1-3 and is absent in Sections 4-CC.



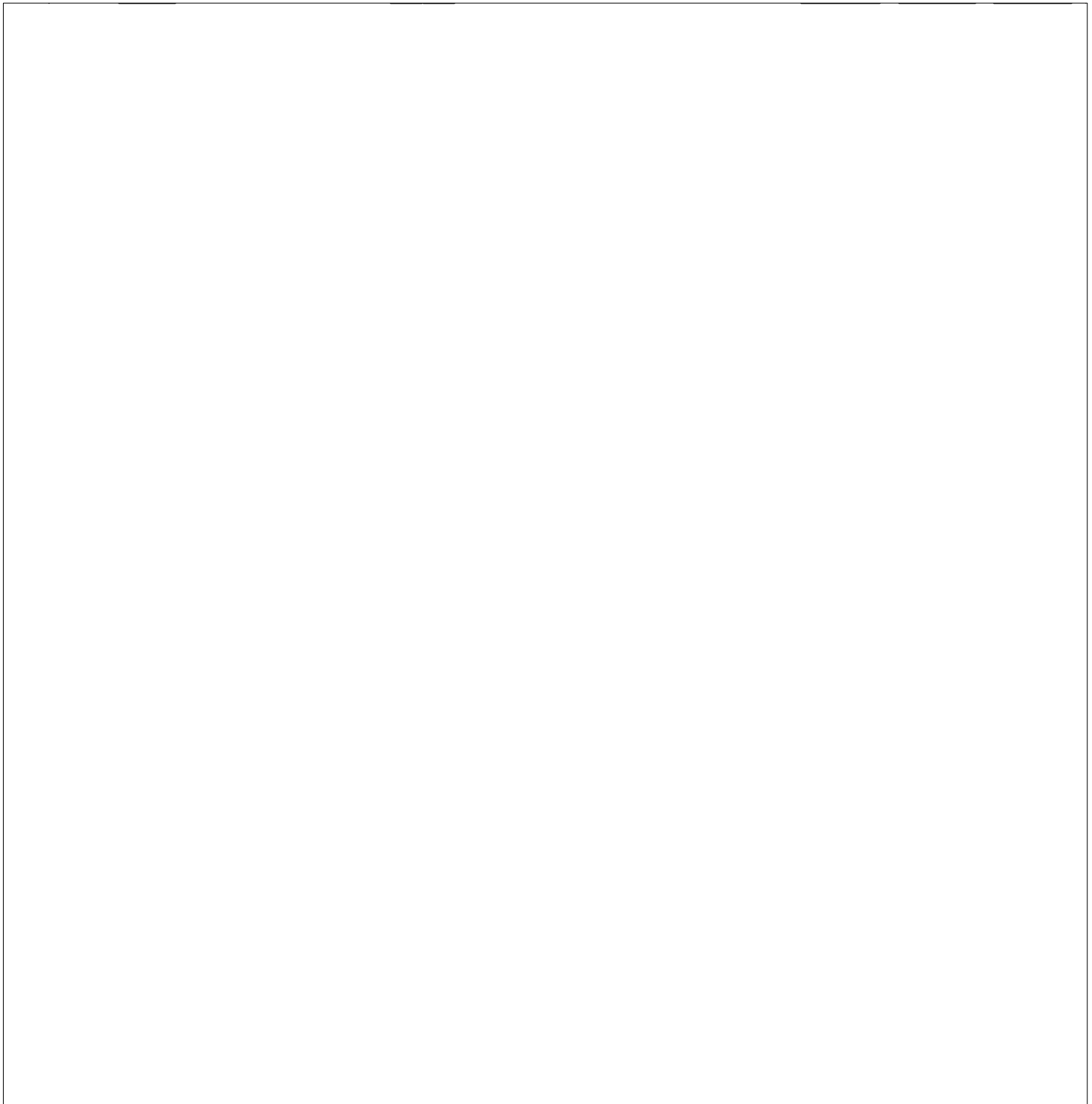
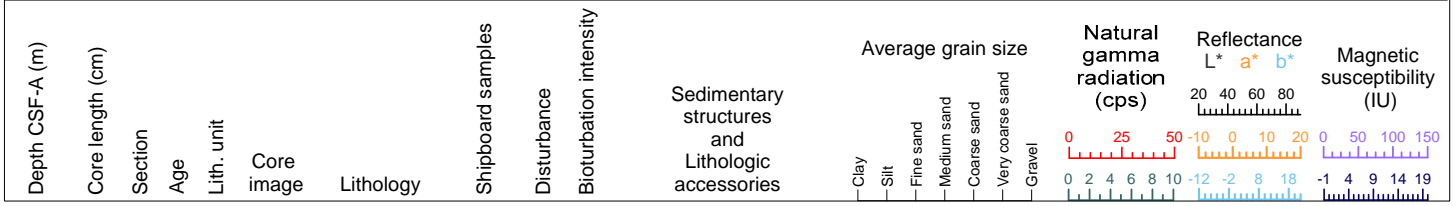
Hole 392-U1579C Core 13F, Interval 97.6-102.58 m (CSF-A)

Core U1579C-13F consists of white massively bedded nanofossil ooze.



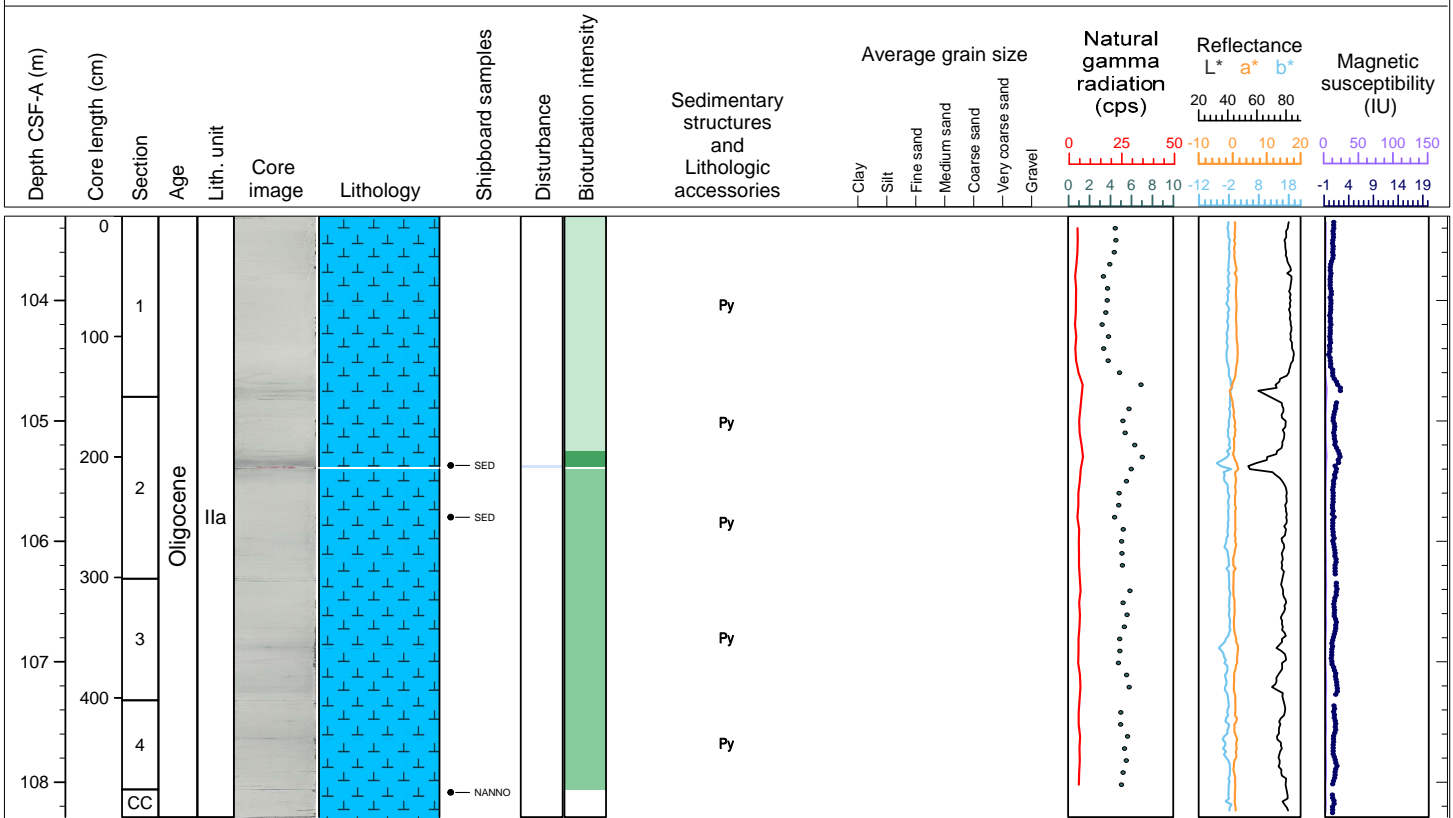
Hole 392-U1579C Core 141, Interval 102.3-102.3 m (CSF-A)

DRILLED INTERVAL 102.3-103.3 m



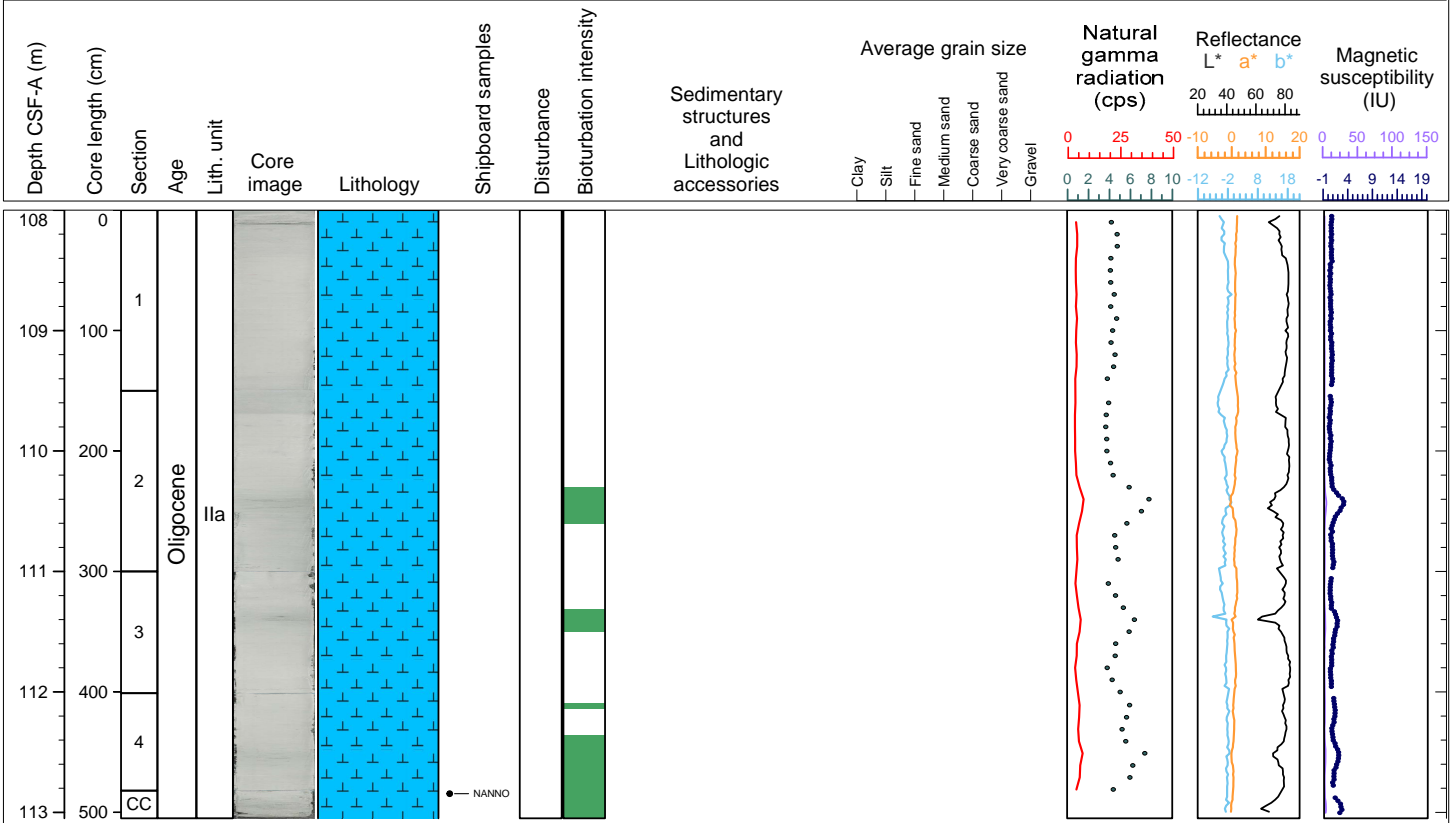
Hole 392-U1579C Core 15F, Interval 103.3-108.29 m (CSF-A)

Core U1579C-15F consists of white to light greenish gray to white nannofossil ooze. Bioturbation intensity ranges from absent to moderate. There is a small void in Section 2 (57-59 cm).



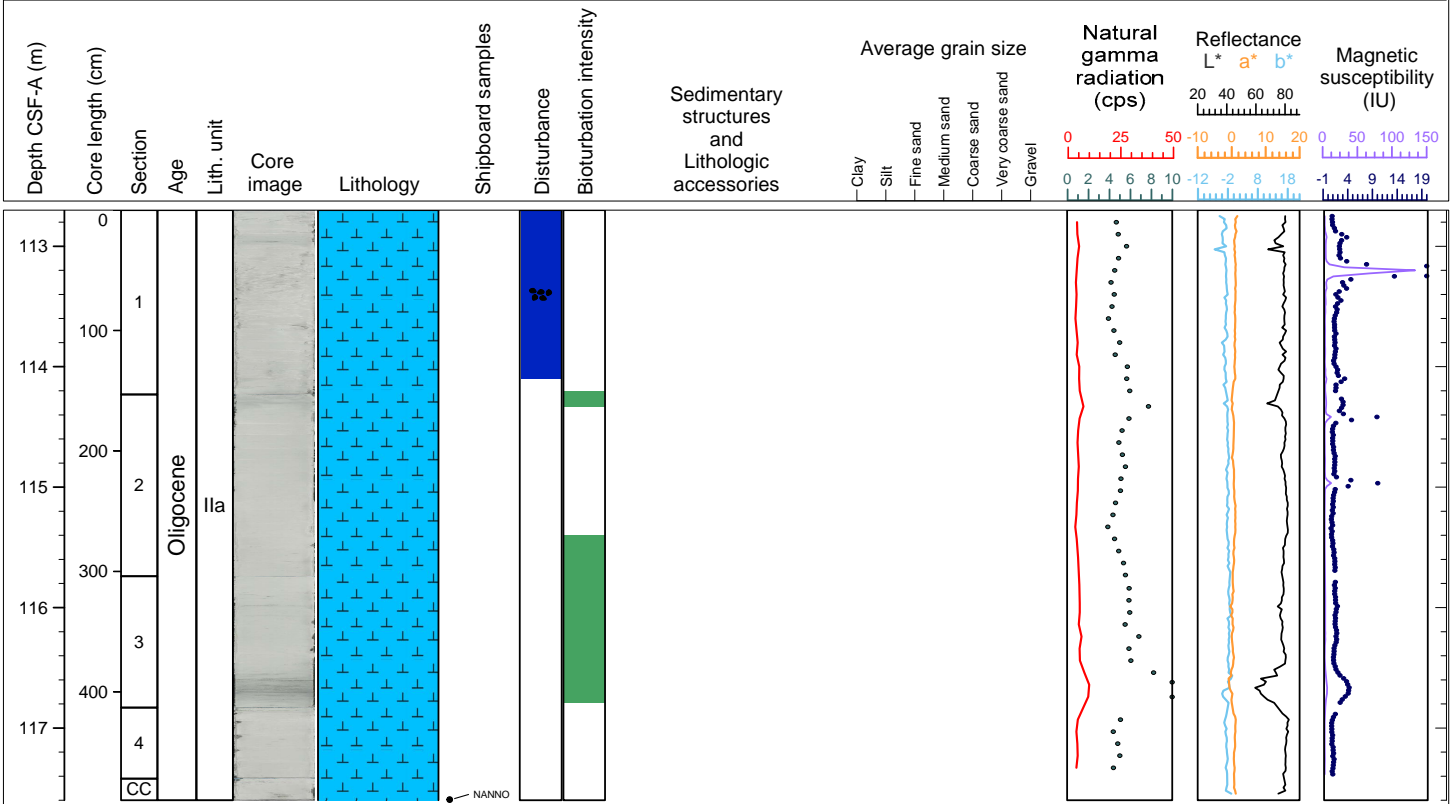
Hole 392-U1579C Core 16F, Interval 108.0-113.05 m (CSF-A)

Core U1579C-16F consists of nannofossil ooze. Grayish white intervals alternate with greenish gray intervals. Bioturbation with grayish white infill and sharp boundary is more evident in the greenish gray intervals.



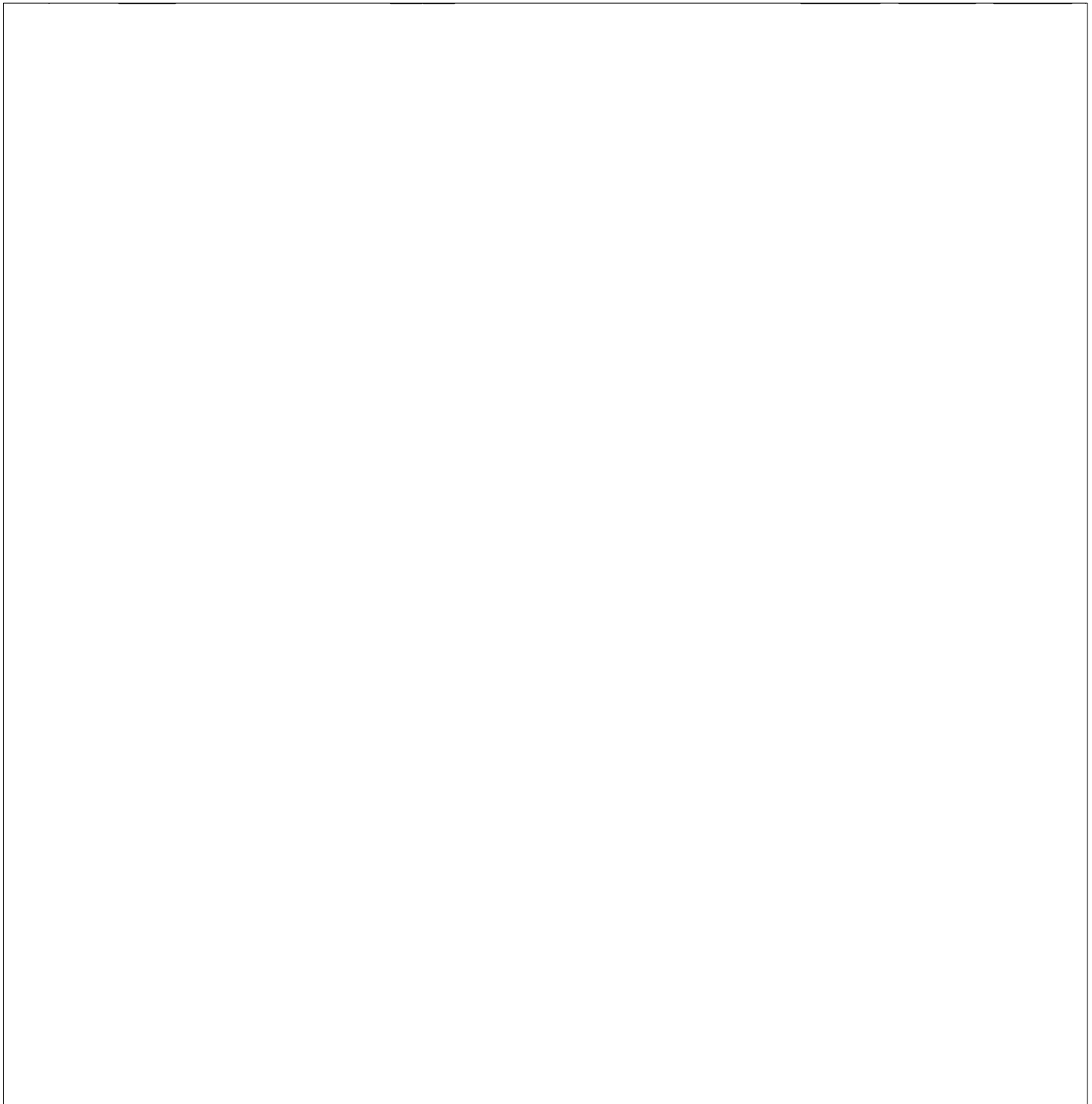
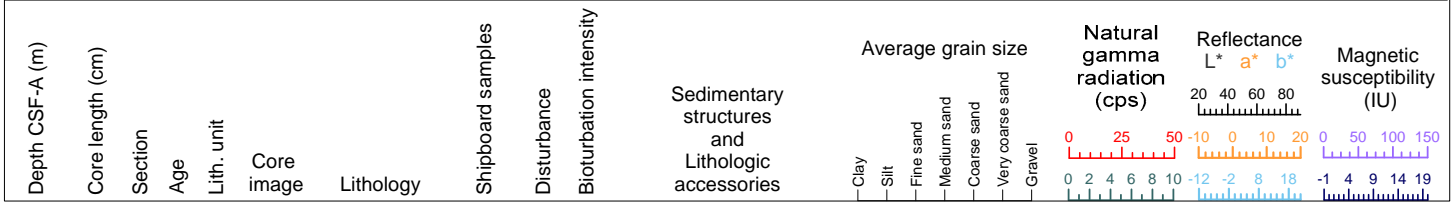
Hole 392-U1579C Core 17F, Interval 112.7-117.6 m (CSF-A)

Core U1579C-17F consists of white nannofossil ooze. Grayish white intervals alternate with greenish gray intervals. Bioturbation with grayish white infill and sharp boundaries are more obvious in greenish gray intervals. Section 1 is severely disturbed (fall-in) and internal structures are unrecognizable.



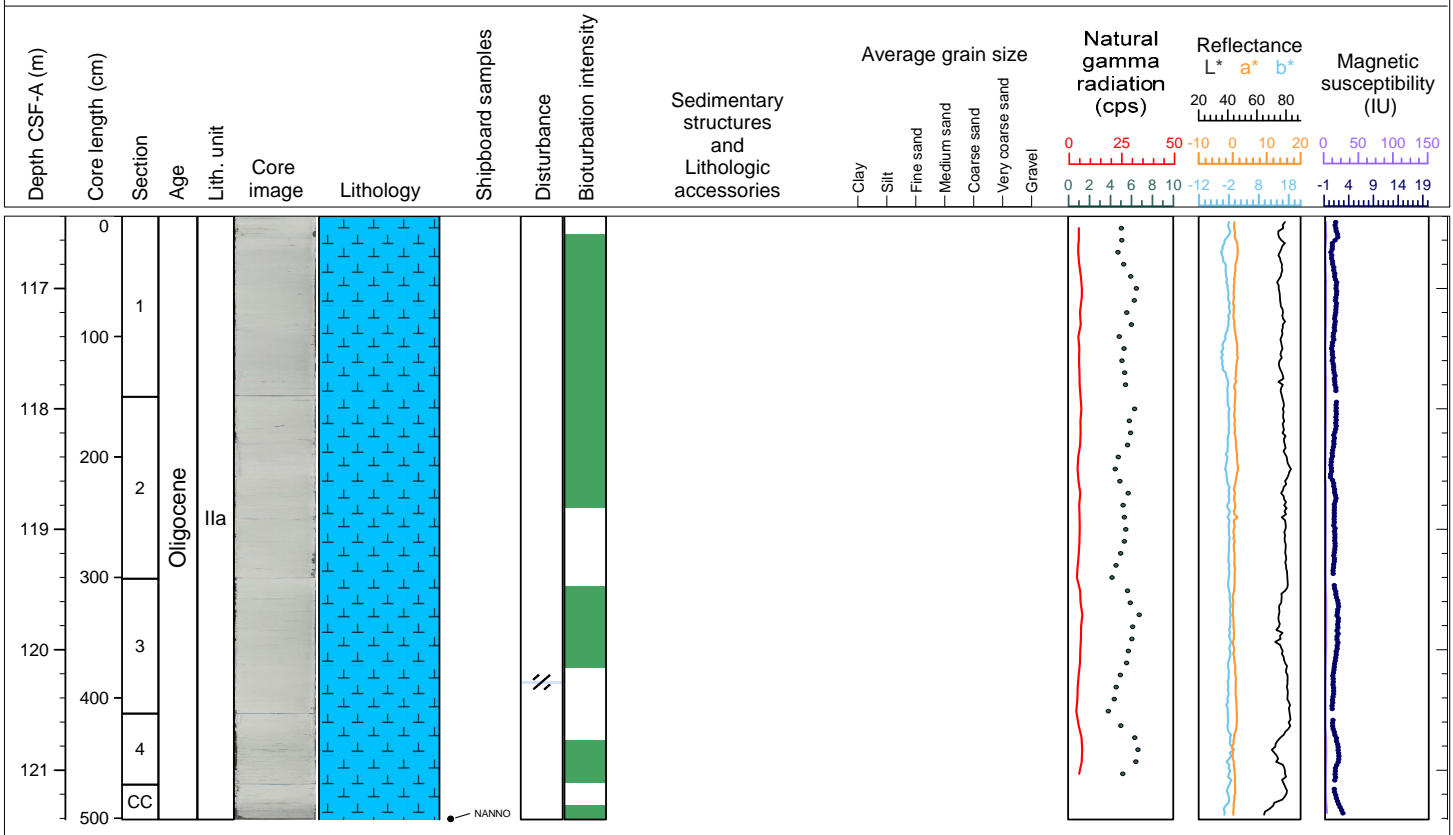
Hole 392-U1579C Core 181, Interval 115.4-115.4 m (CSF-A)

DRILLED INTERVAL 115.4-116.4 m



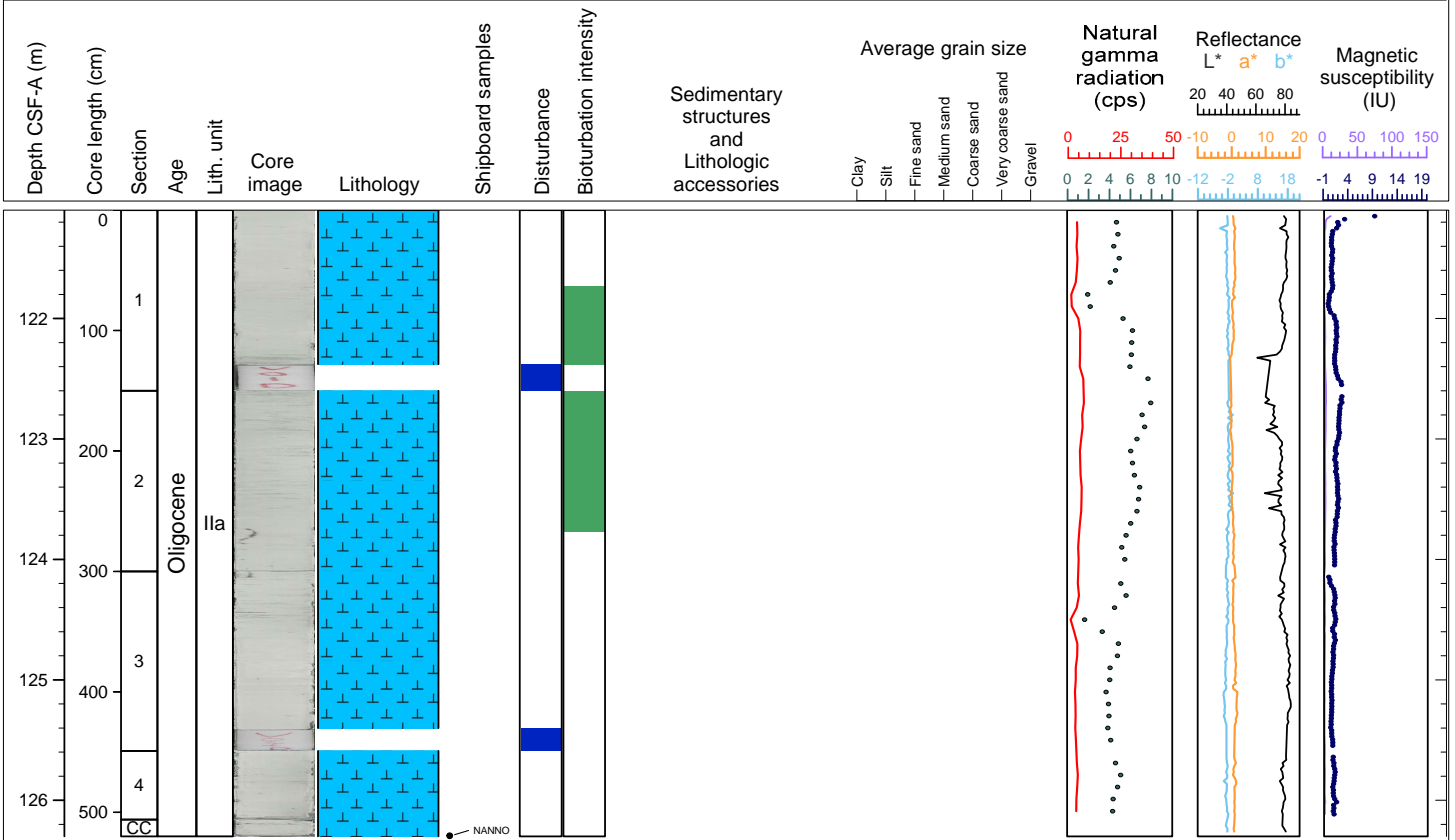
Hole 392-U1579C Core 19F, Interval 116.4-121.41 m (CSF-A)

Core U1579C-19F consists of nanofossil ooze. Grayish white intervals alternate with greenish gray intervals. The core is moderately bioturbated with white infills.



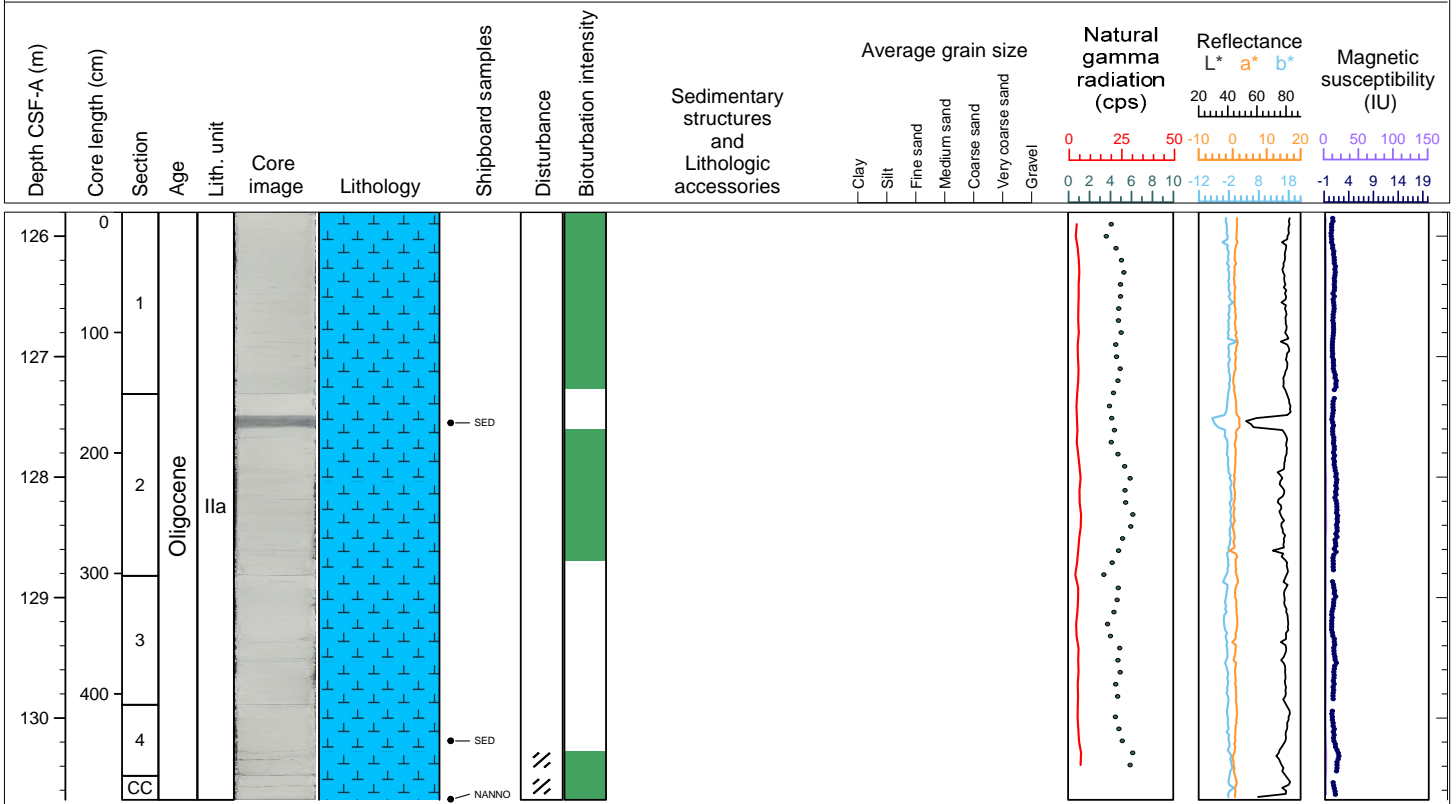
Hole 392-U1579C Core 20F, Interval 121.1-126.3 m (CSF-A)

Core U1579C-20F is light gray to greenish gray nannofossil ooze. The greenish gray interval is moderately bioturbated and contains thin gray streaks that are pyrite rich.



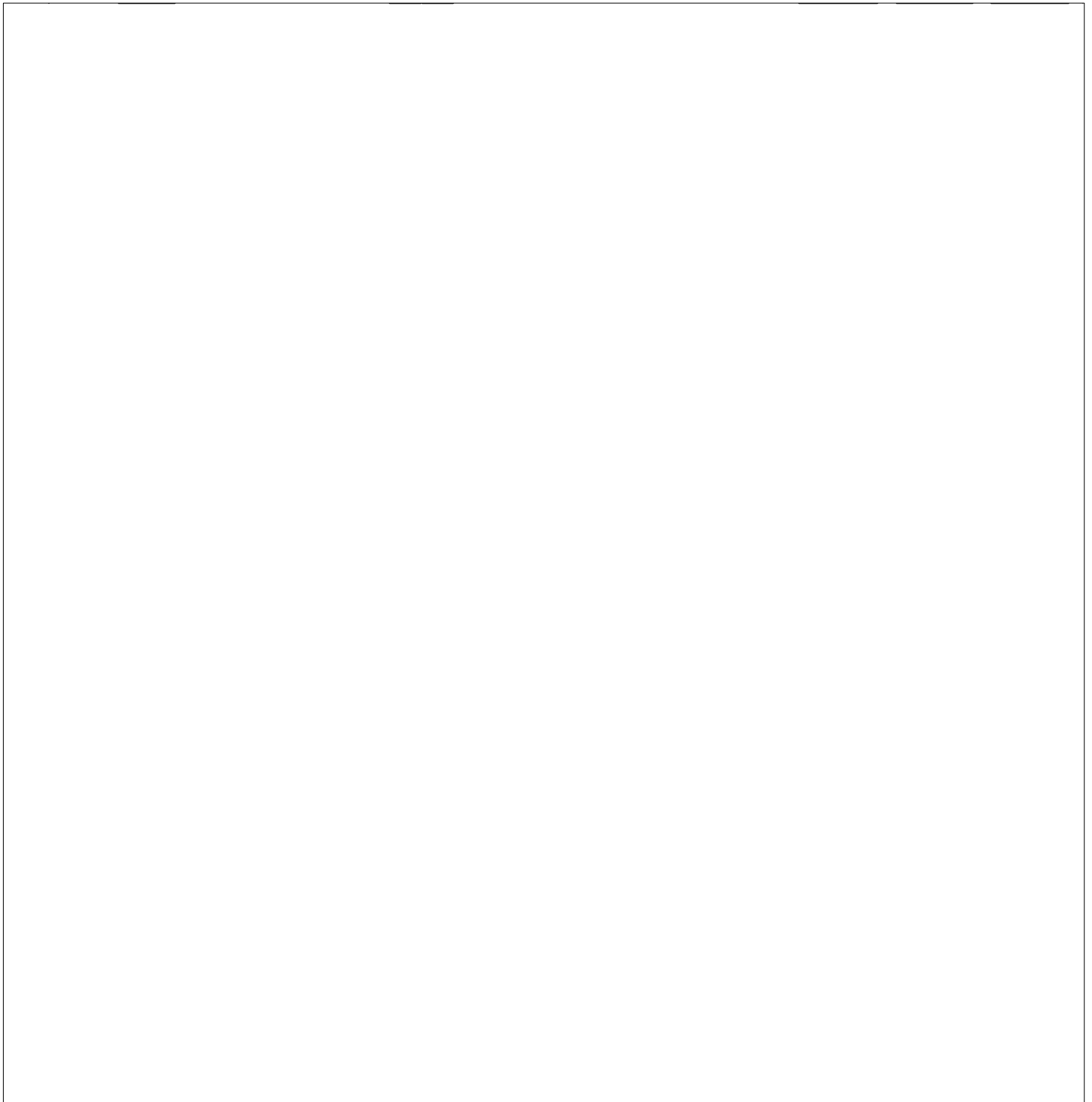
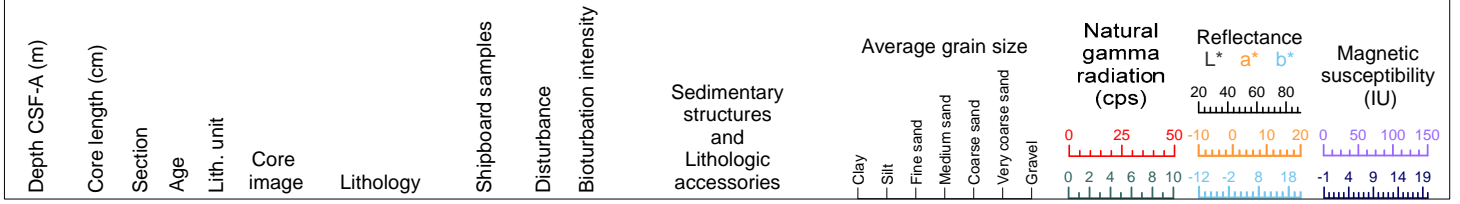
Hole 392-U1579C Core 21F, Interval 125.8-130.68 m (CSF-A)

Core U1579C-21F consists of nannofossil ooze. Grayish white intervals alternate with greenish gray intervals. Greenish gray intervals are moderately bioturbated. There is a pyrite-rich gray interval in Section 2 between 18-30 cm.



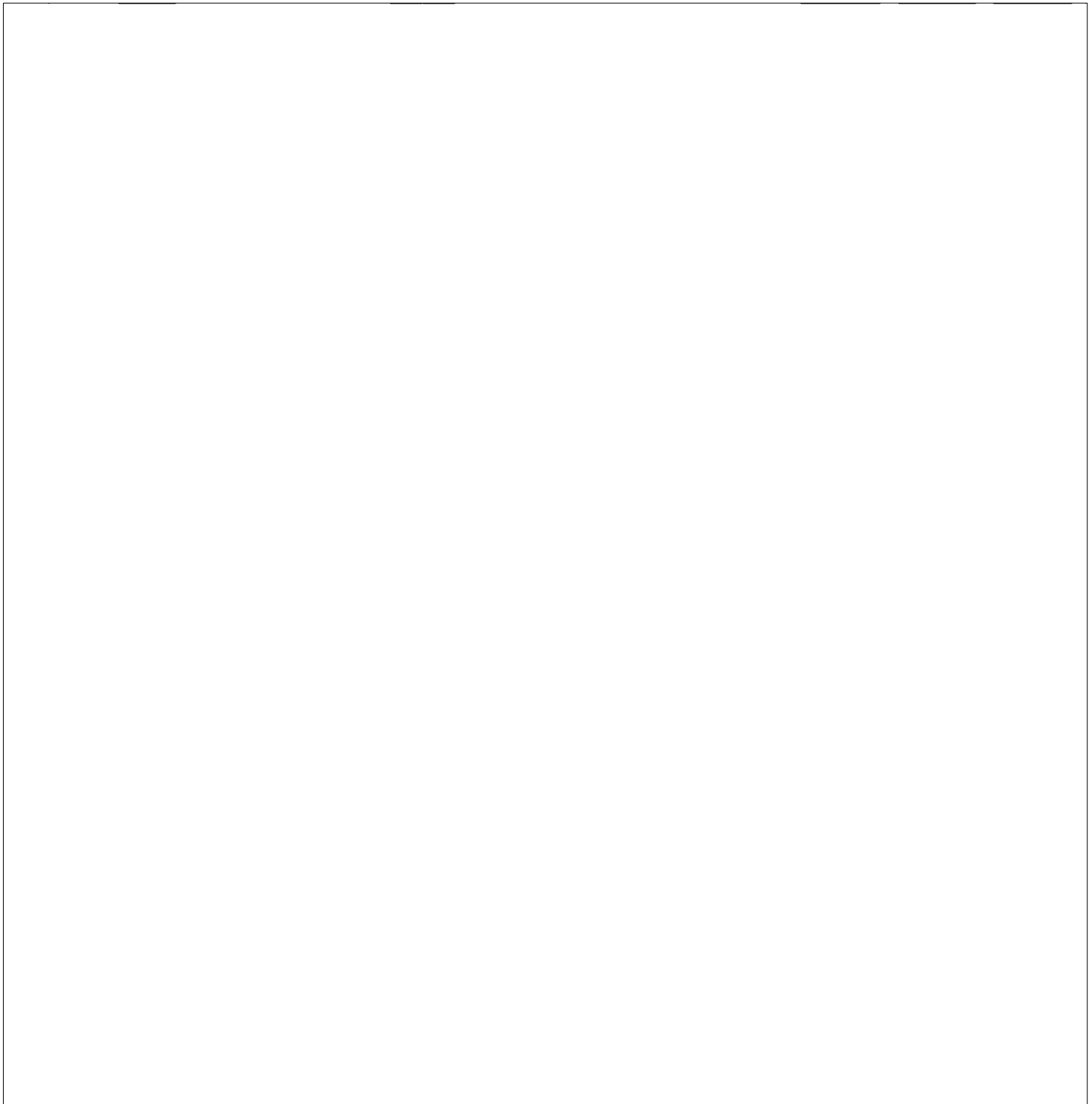
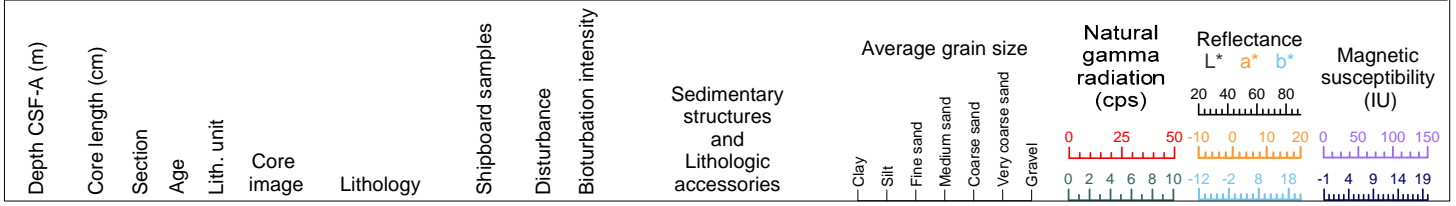
Hole 392-U1579C Core 221, Interval 130.5-130.5 m (CSF-A)

DRILLED INTERVAL 130.5-162 m



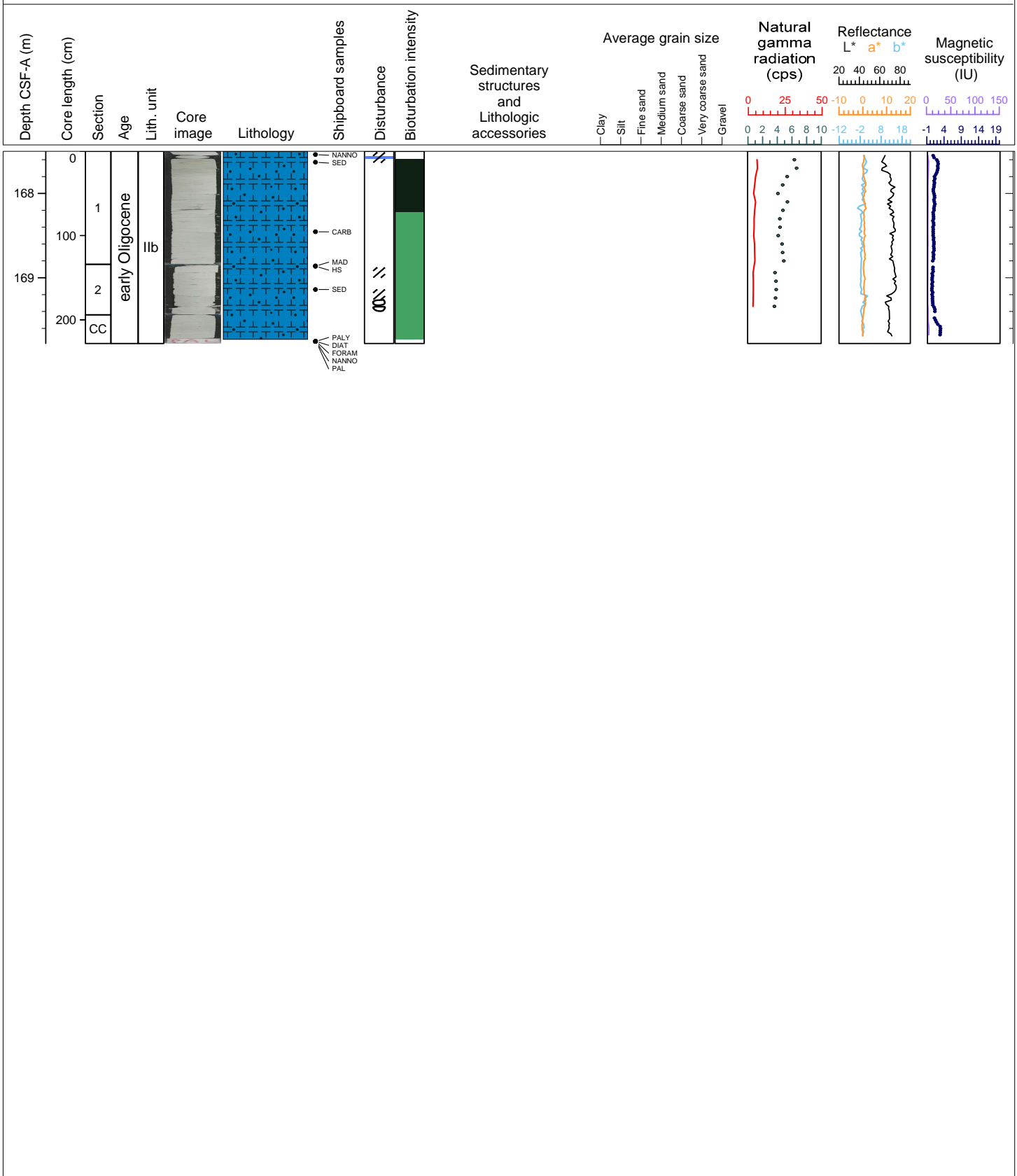
Hole 392-U1579C Core 23X, Interval 162.0-162.0 m (CSF-A)

NO RECOVERY 162-167.5 m



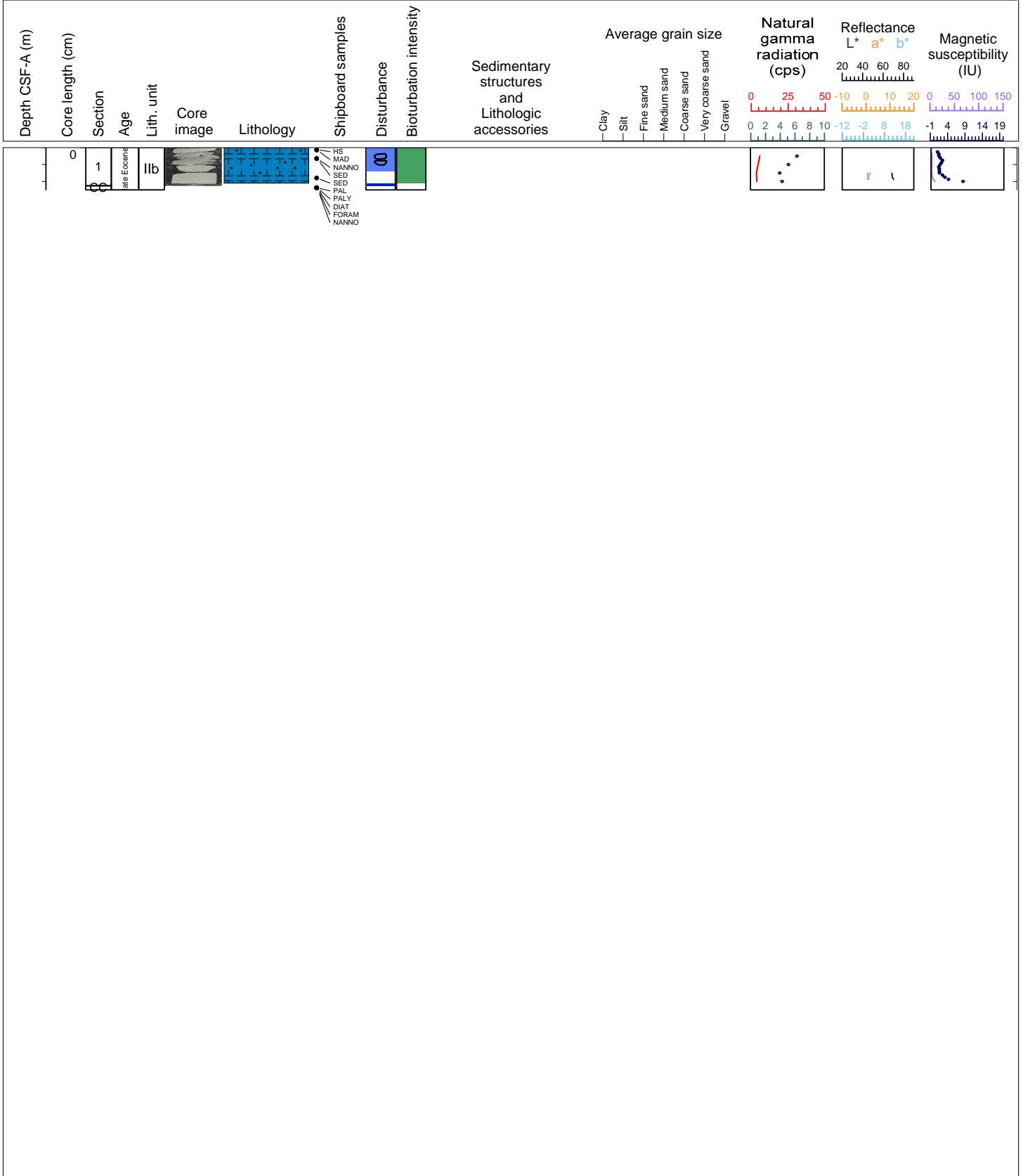
Hole 392-U1579C Core 24X, Interval 167.5-169.78 m (CSF-A)

Core U1579C-24X consists of white to light greenish gray nannofossil chalk. In Section 1 (9-72 cm) there is a greenish gray interval with intense bioturbation. Bioturbation intensity is moderate throughout the rest of the core. In Section 1 there are Zoophycos and Skolithos burrows. The core is severely fractured and biscuitied by drilling disturbance.



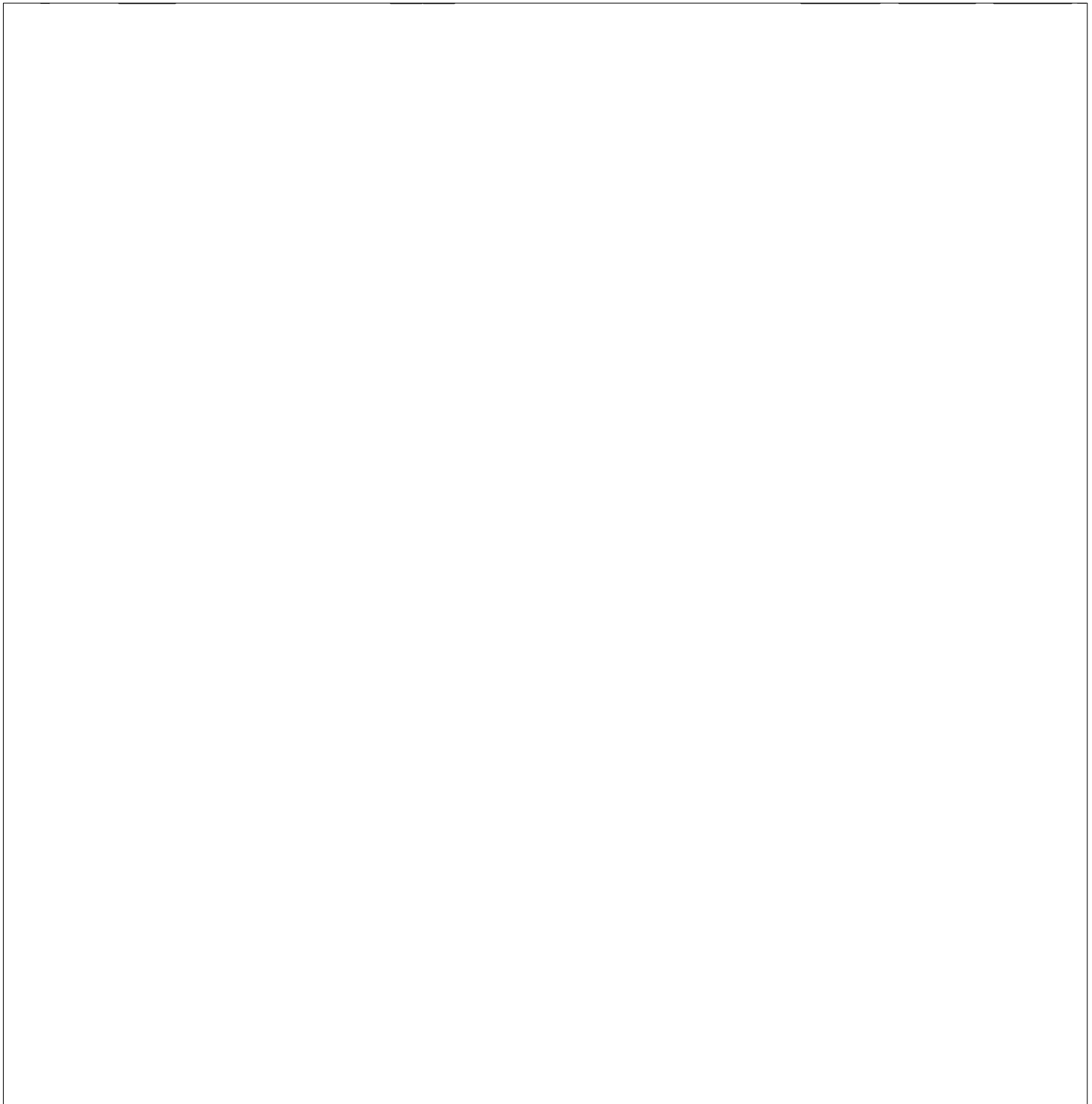
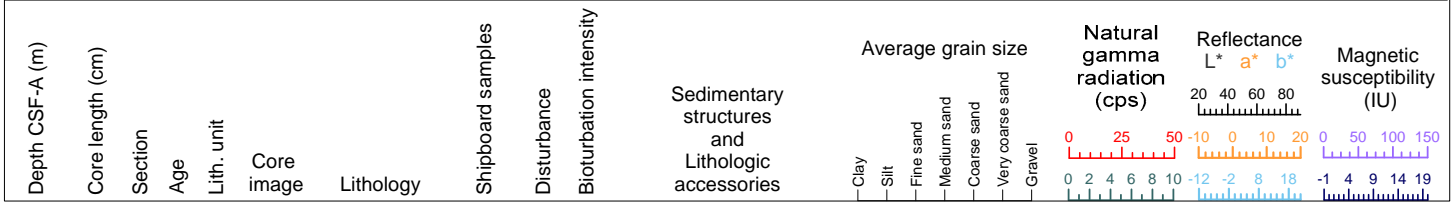
Hole 392-U1579C Core 25X, Interval 177.2-177.7 m (CSF-A)

Core U1579C-25X consists of white to light greenish gray nannofossil chalk. There is moderate bioturbation and burrows are filled in with either white or light greenish gray sediment. The core is moderately disturbed (biscuiting).



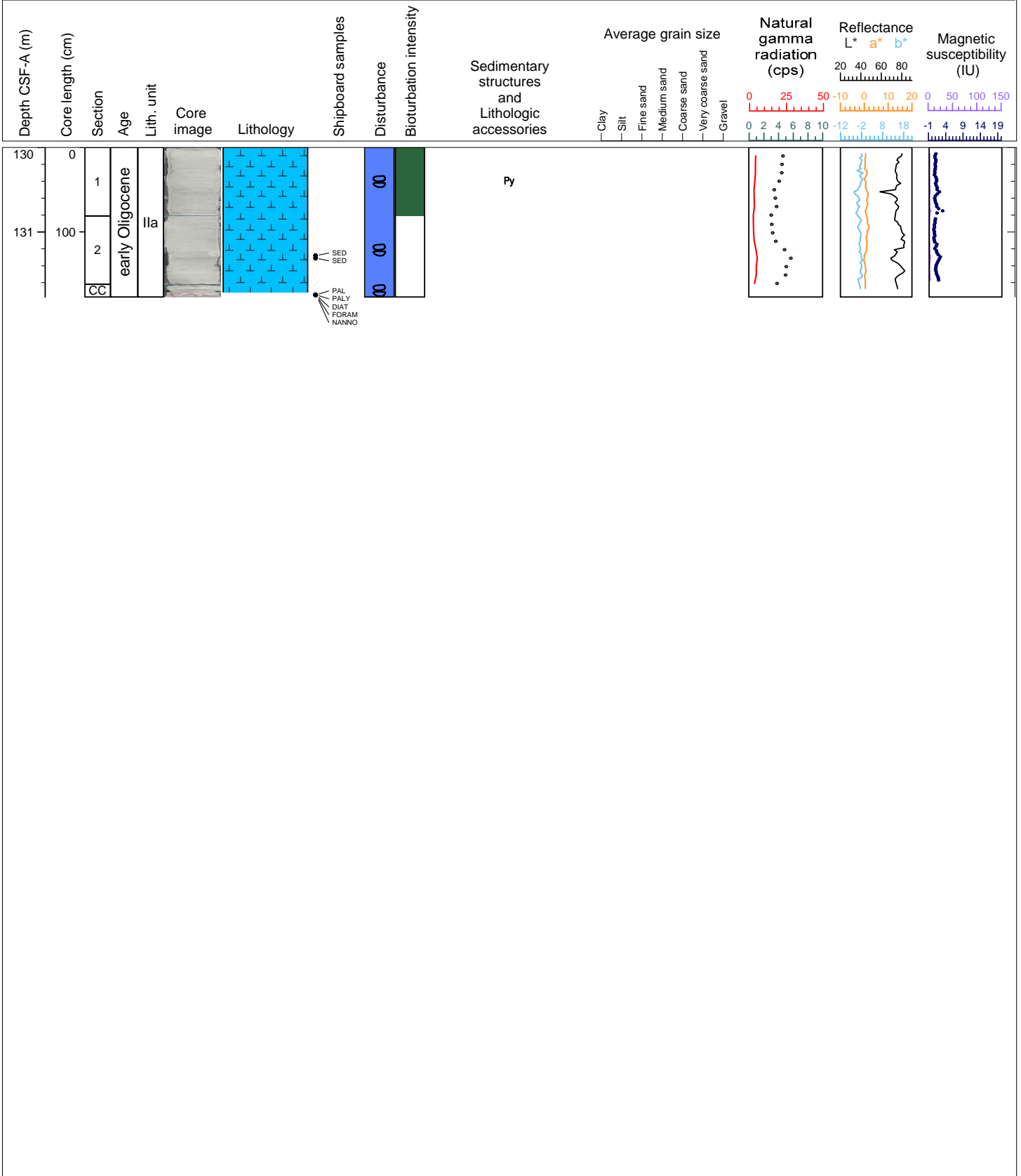
Hole 392-U1579D Core 11, Interval 0.0-0.0 m (CSF-A)

DRILLED INTERVAL 0-130 m



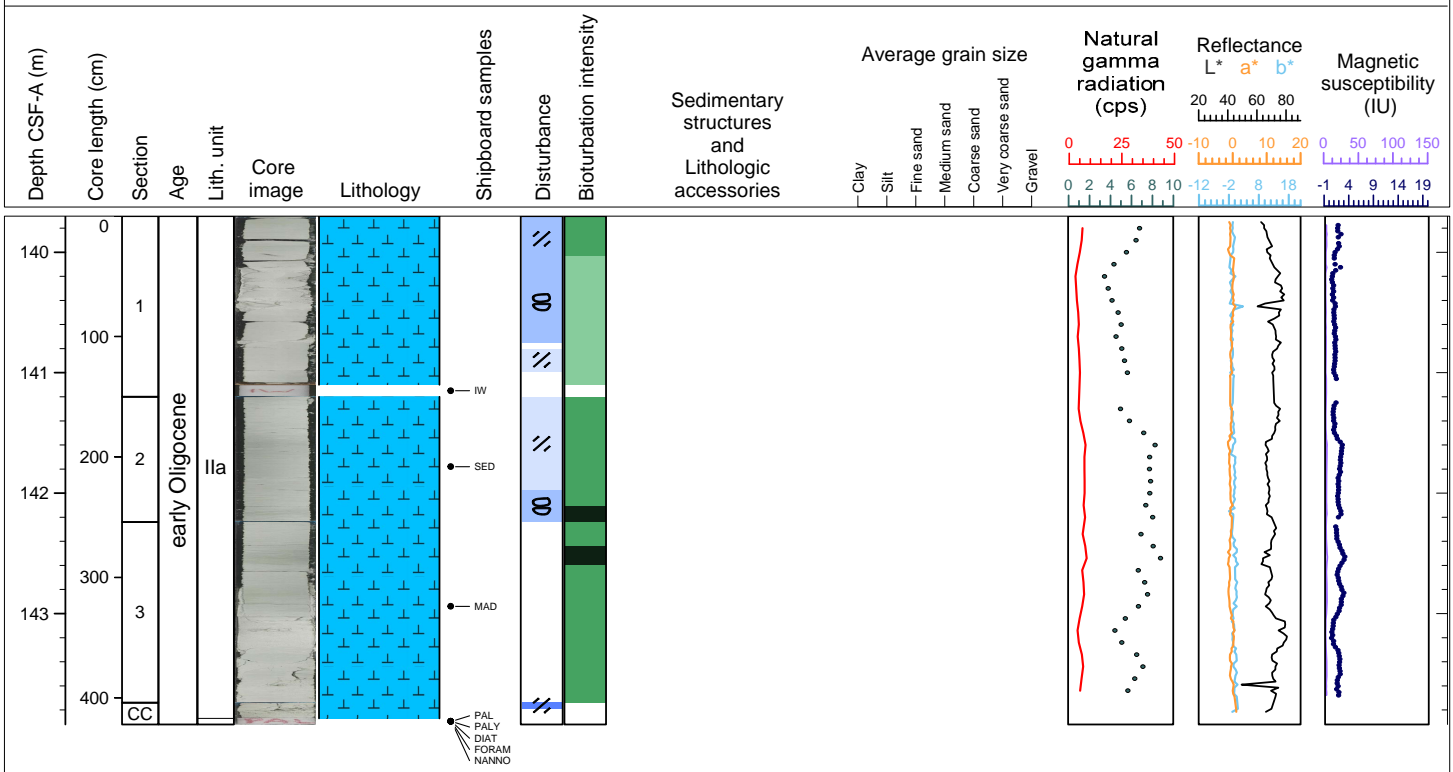
Hole 392-U1579D Core 2R, Interval 130.0-131.77 m (CSF-A)

Core U1579D-2R is predominantly white nannofossil chalk. Layered structures are observed throughout. There is a pyrite-rich zone in Section 2 (48-58 cm) that is highly bioturbated. The core is severely disturbed by drilling (biscuiting).



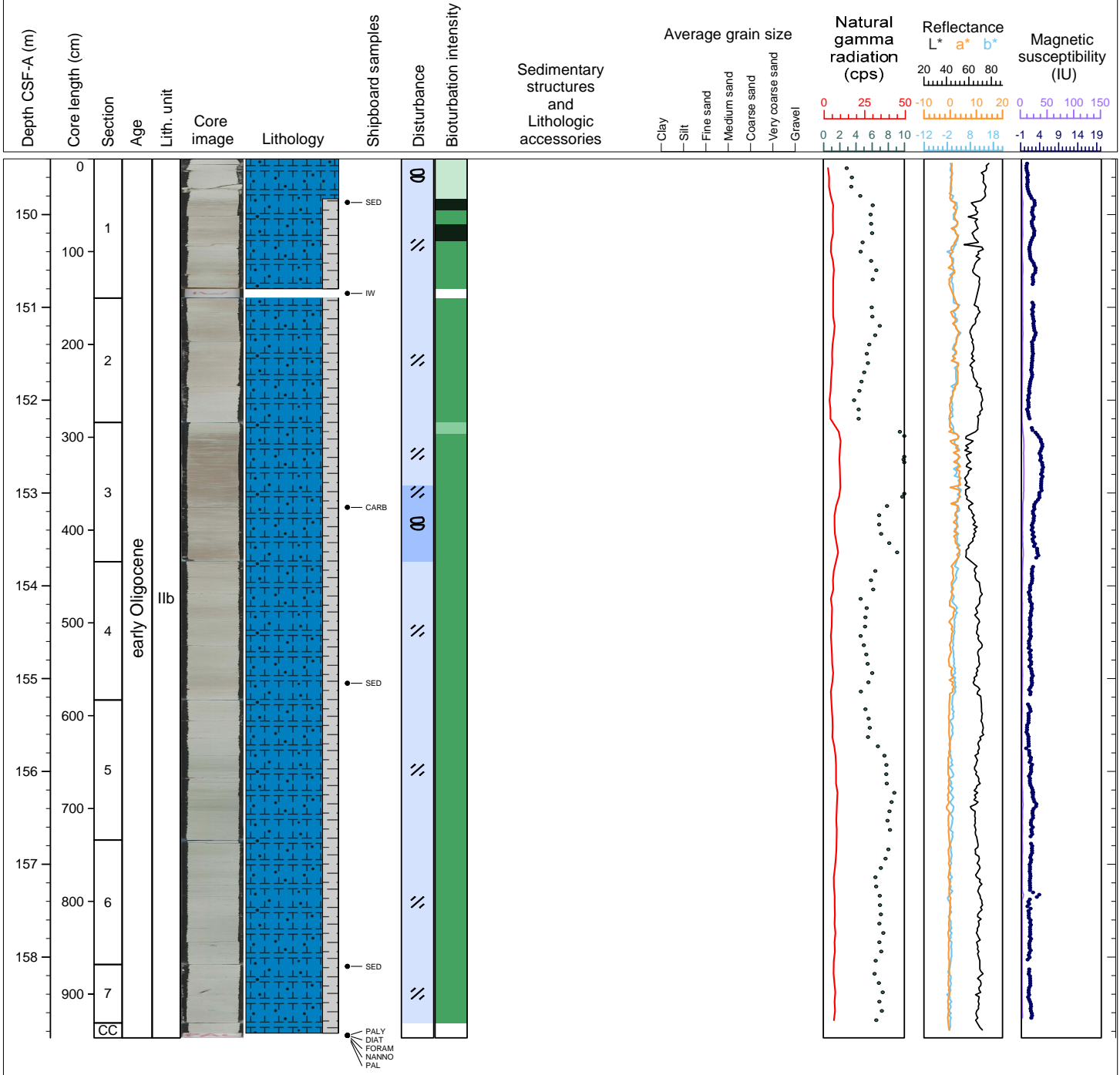
Hole 392-U1579D Core 3R, Interval 139.7-143.92 m (CSF-A)

Core U1579D-3R is predominantly white to light greenish gray nannofossil chalk. Bedding varies from massive to laminated. There is intense bioturbation in greenish gray intervals. Drilling disturbance varies from slightly fractured to moderately biscuited.



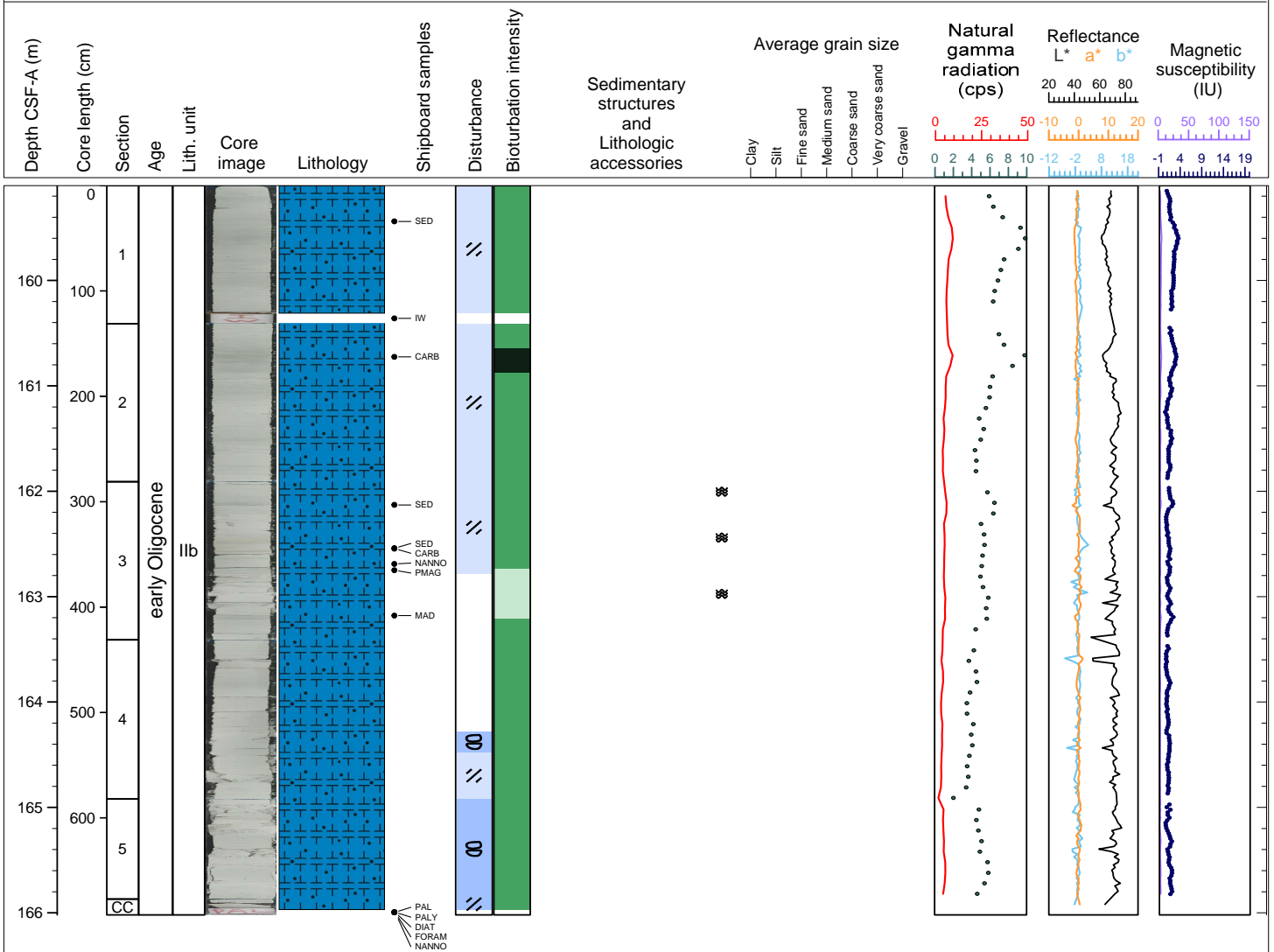
Hole 392-U1579D Core 4R, Interval 149.4-158.87 m (CSF-A)

Core U1579D-4R is predominantly white to light greenish gray nannofossil chalk with a light reddish brown hue. There are gradational contacts between white and greenish gray intervals. Bedding varies from massive to laminated. Section 3 (2-150 cm) is a light brown interval of nannofossil chalk with clay. Bioturbation is intense in greenish gray intervals. Drilling disturbance varies from slightly fractured to moderately biscuited. There are small sand-sized voids throughout the core.



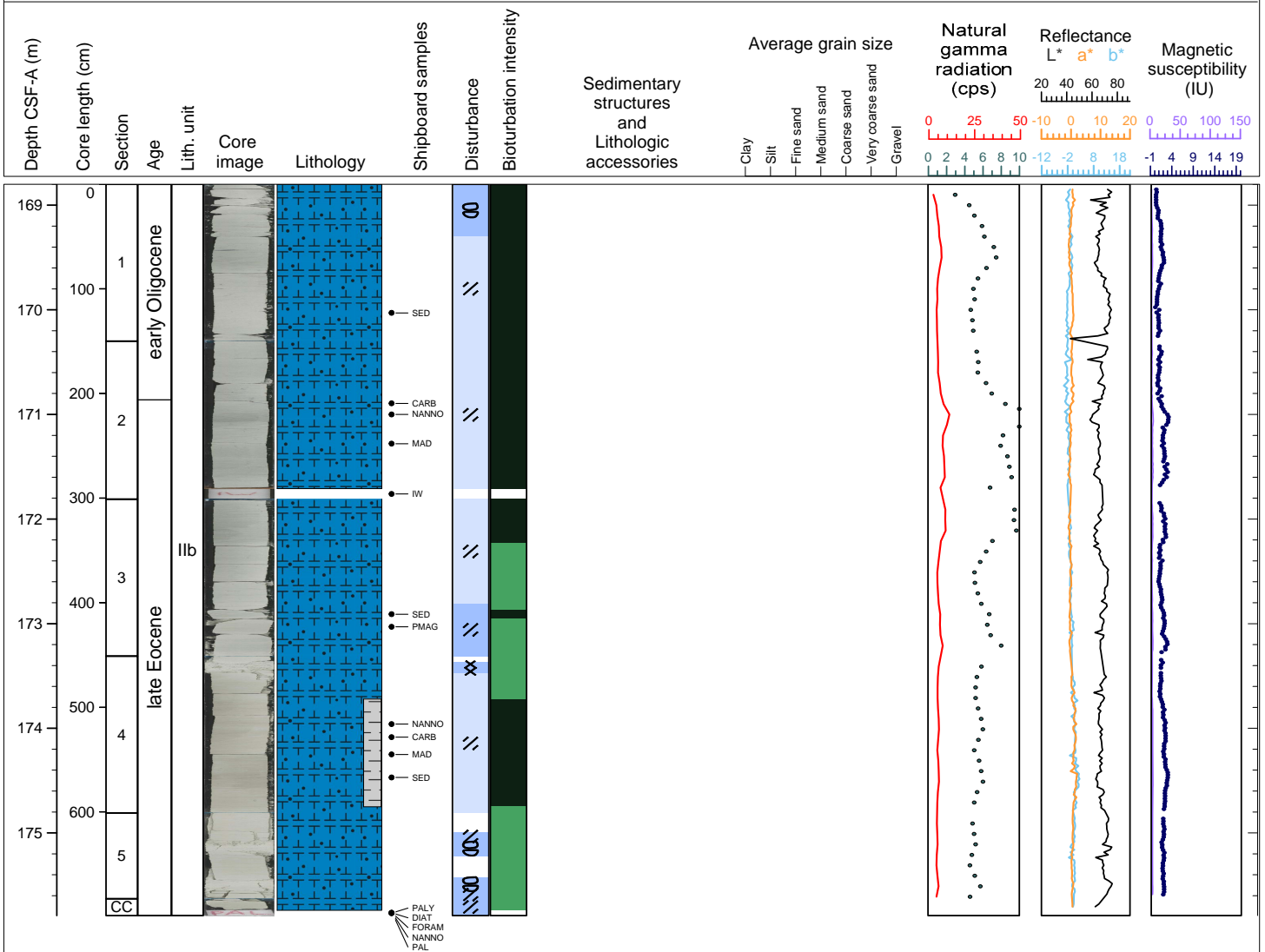
Hole 392-U1579D Core 5R, Interval 159.1-166.02 m (CSF-A)

Core U1579D-5R is predominantly white to light greenish gray nannofossil chalk. Bedding varies from massive to laminated. In Sections 2 and 3 there are thin green laminated intervals with sharp boundaries. In Section 3, there are light reddish brown burrows between 51 and 69 cm that are infilled with nannofossil chalk with clay. There is a distinct black band (a few mm-thick) with a green lamination on top that occurs in Section 3 (114 cm). In Section 4 (103 cm) there is a concentric black ring (possible shell fragment/pyrite infilled burrow). There is intense bioturbation in greenish gray intervals. Drilling disturbance varies from slightly fractured to moderately biscuited.



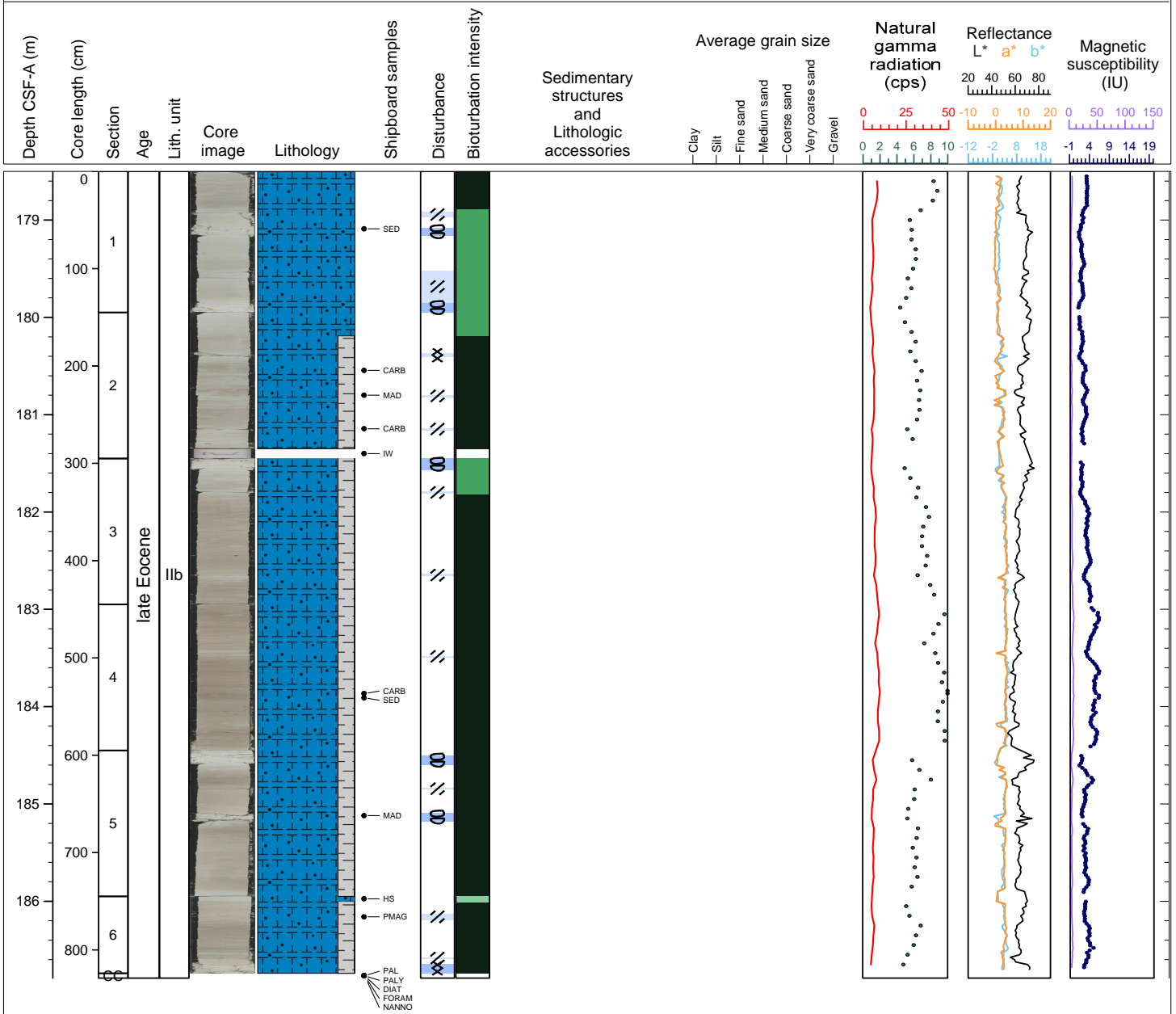
Hole 392-U1579D Core 6R, Interval 168.8-175.79 m (CSF-A)

Core U1579D-6R is predominantly light bluish gray to light greenish gray nannofossil chalk and is massively bedded. In Section 2 (69 cm) there is a scoured contact. In Section 4 (43-144 cm), is light reddish brown nannofossil chalk with clay. Tiny (mm-sized) white infilled burrows are abundant throughout the core. Drilling disturbance varies from fractured to biscuitied and brecciated. There are small sand-sized voids throughout the core.



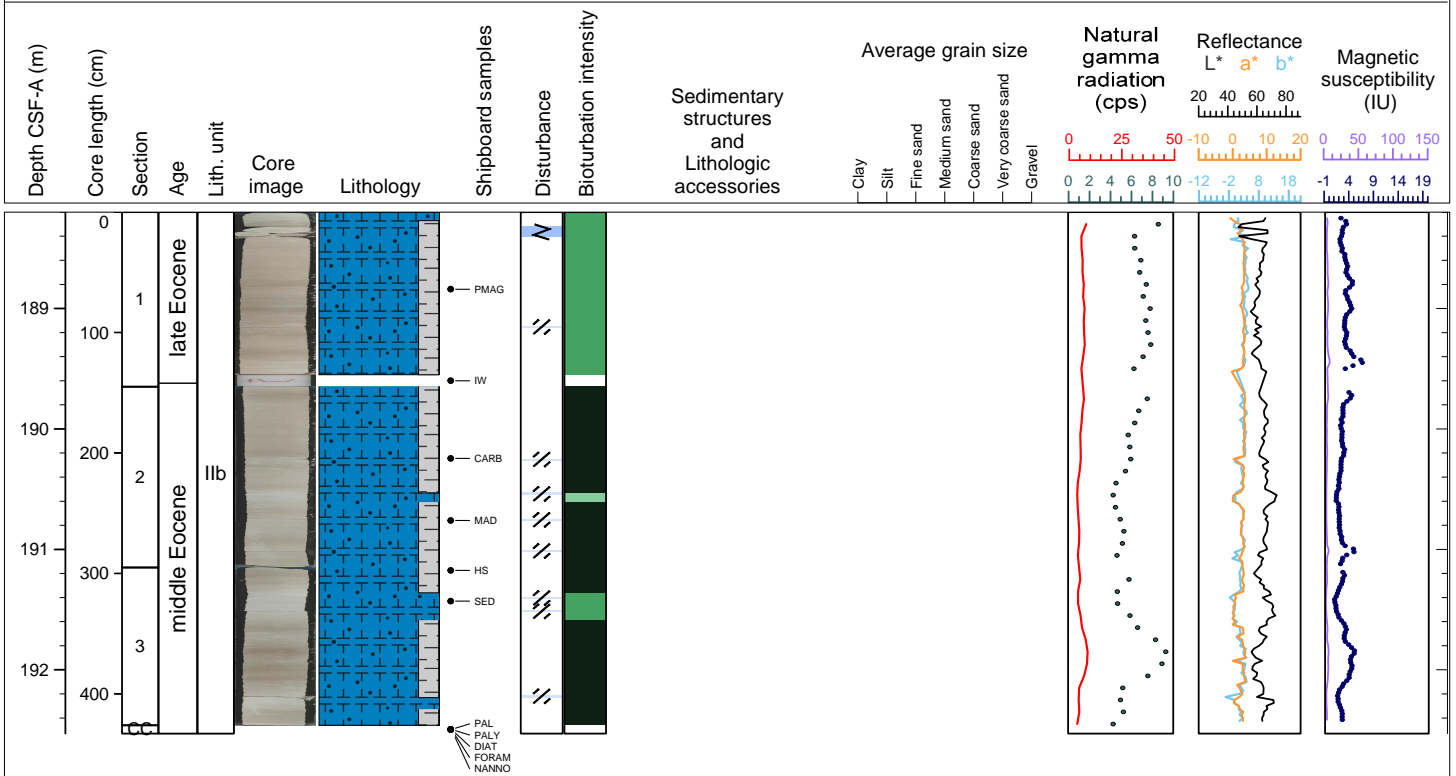
Hole 392-U1579D Core 7R, Interval 178.5-186.79 m (CSF-A)

Core U1579D-7R is predominantly light greenish gray nannofossil chalk. There are common light reddish/pinkish brown intervals in Sections 3 and 4 that are nannofossil chalk with clay. Drilling disturbance ranges from being absent to slightly fractured or moderately bisected. Abundant Zoophycos burrows are present throughout Section 4.



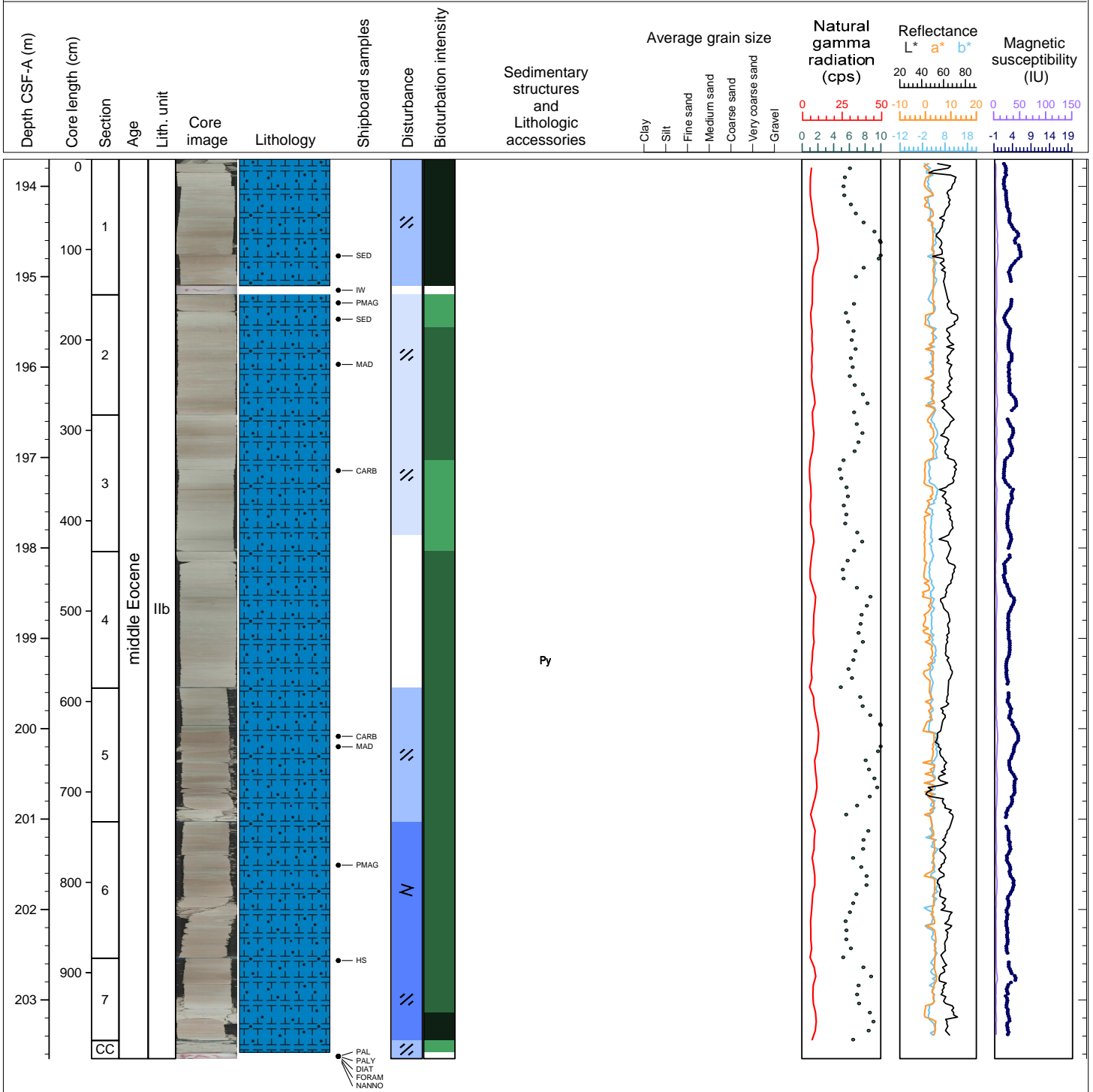
Hole 392-U1579D Core 8R, Interval 188.2-192.53 m (CSF-A)

Core U1579D-8R is predominantly light greenish gray nannofossil chalk. There are common light reddish/pinkish brown intervals throughout. There are darker heavily bioturbated intervals in each section that span ~20-40 cm and create a mottled appearance. There is a long vertical burrow in Section 3 (114-123 cm). Drilling disturbance is minimal, with moderate fragmentation in Section 1 between 12-21 cm and only a few slight fractures throughout the rest of the core.



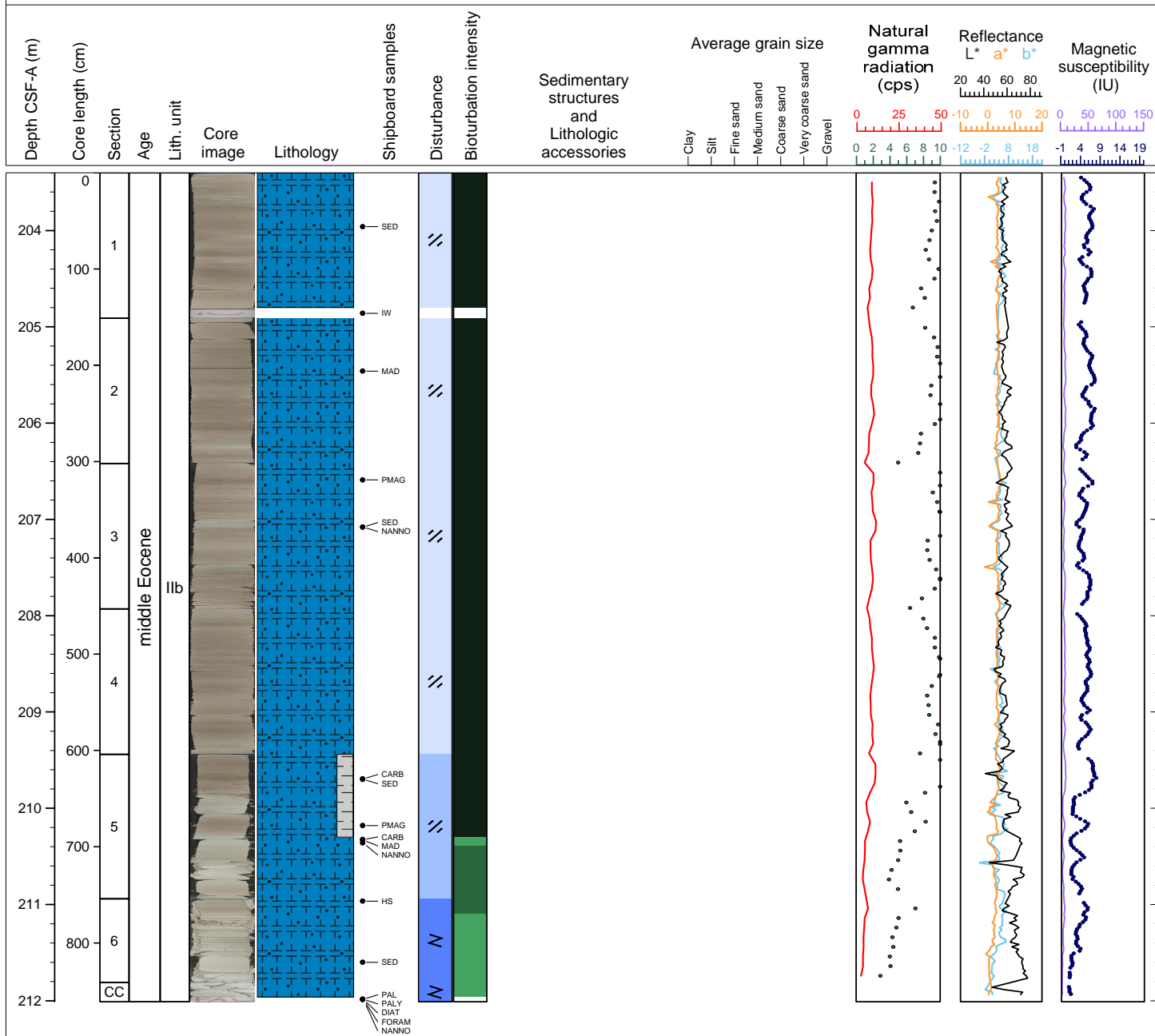
Hole 392-U1579D Core 9R, Interval 193.7-203.65 m (CSF-A)

Core U1579D-9R consists of nannofossil chalk with color varying between light pinkish gray and light greenish gray. Bioturbation is high to intense, and a variety of burrows are present. Most common are very small (mm-scale) burrows infilled with both darker and lighter material, some larger burrows are superimposed on them. Most burrows are horizontal, small in size (possibly Planolites) with Zoophycos burrows superimposed on them (e.g., Section 5, 114-118 cm; Section 6, 85-95 cm). Sections 6 and 7 are moderately to severely disturbed by drilling (fractured/fragmented). Sections 6 and 7 are moderately to severely disturbed by drilling (fractured/fragmented).



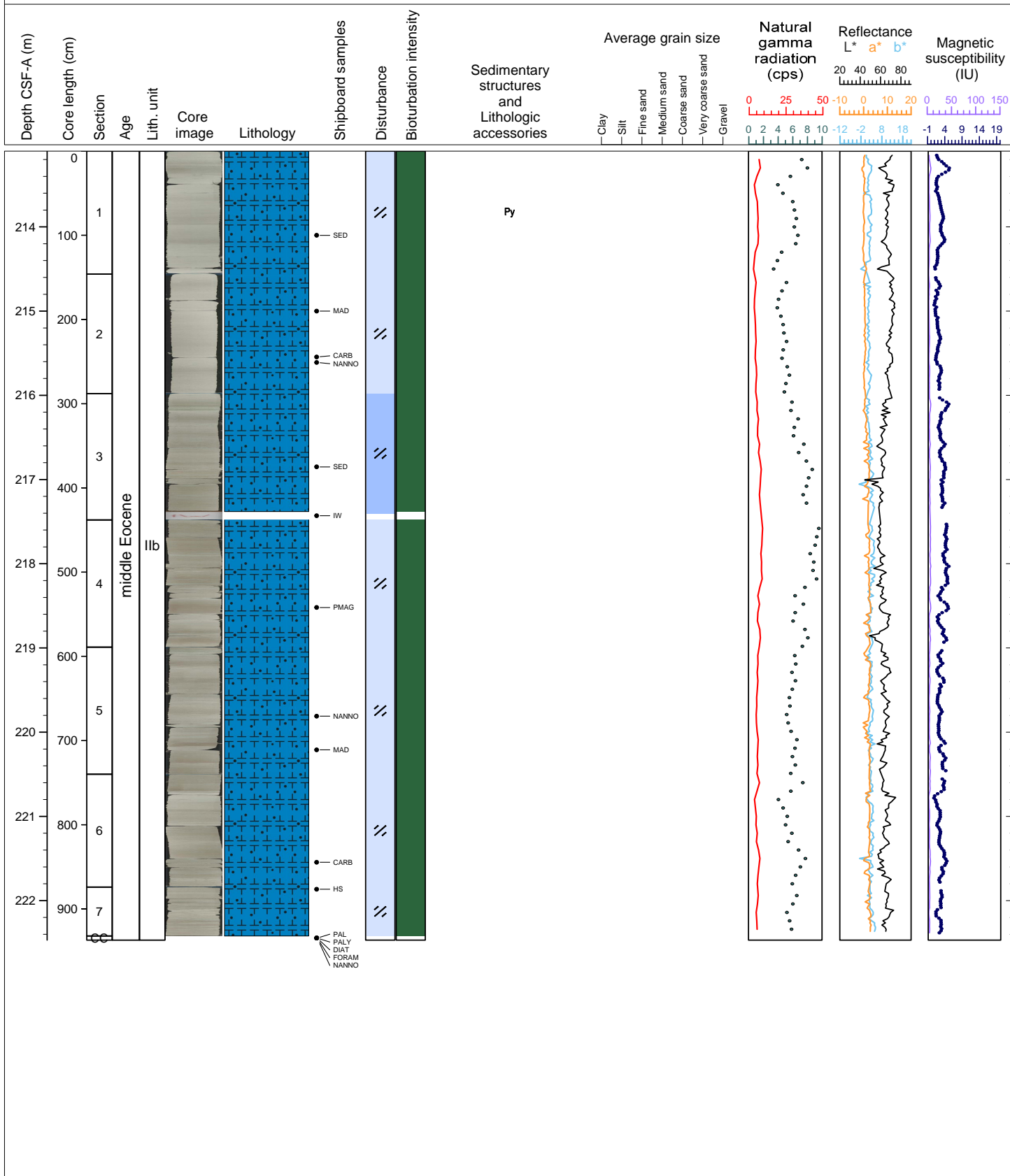
Hole 392-U1579D Core 10R, Interval 203.4-212.01 m (CSF-A)

Core U1579D-10R consists of nannofossil chalk with light pinkish gray and light greenish gray color variations. There is higher clay content and intense bioturbation in the light pinkish intervals. In Section 5 (113-115 cm), there is a layer that includes clasts of a green material which occur between thin brown and green laminations. The entire core is highly to intensely bioturbated and with a variety of burrows types. There is a prominent Zoophycos burrow in Section 6 (85-95 cm) and vertical burrows (~4-5 mm wide) are occasionally present in Section 1 (44-47, 79-81, 93-97, and 99-102 cm). There are also several branched burrows (possibly Thalassinoides; e.g., Section 5 at 27-45 cm). Sections 6 and CC are moderately to severely disturbed by fracturing.



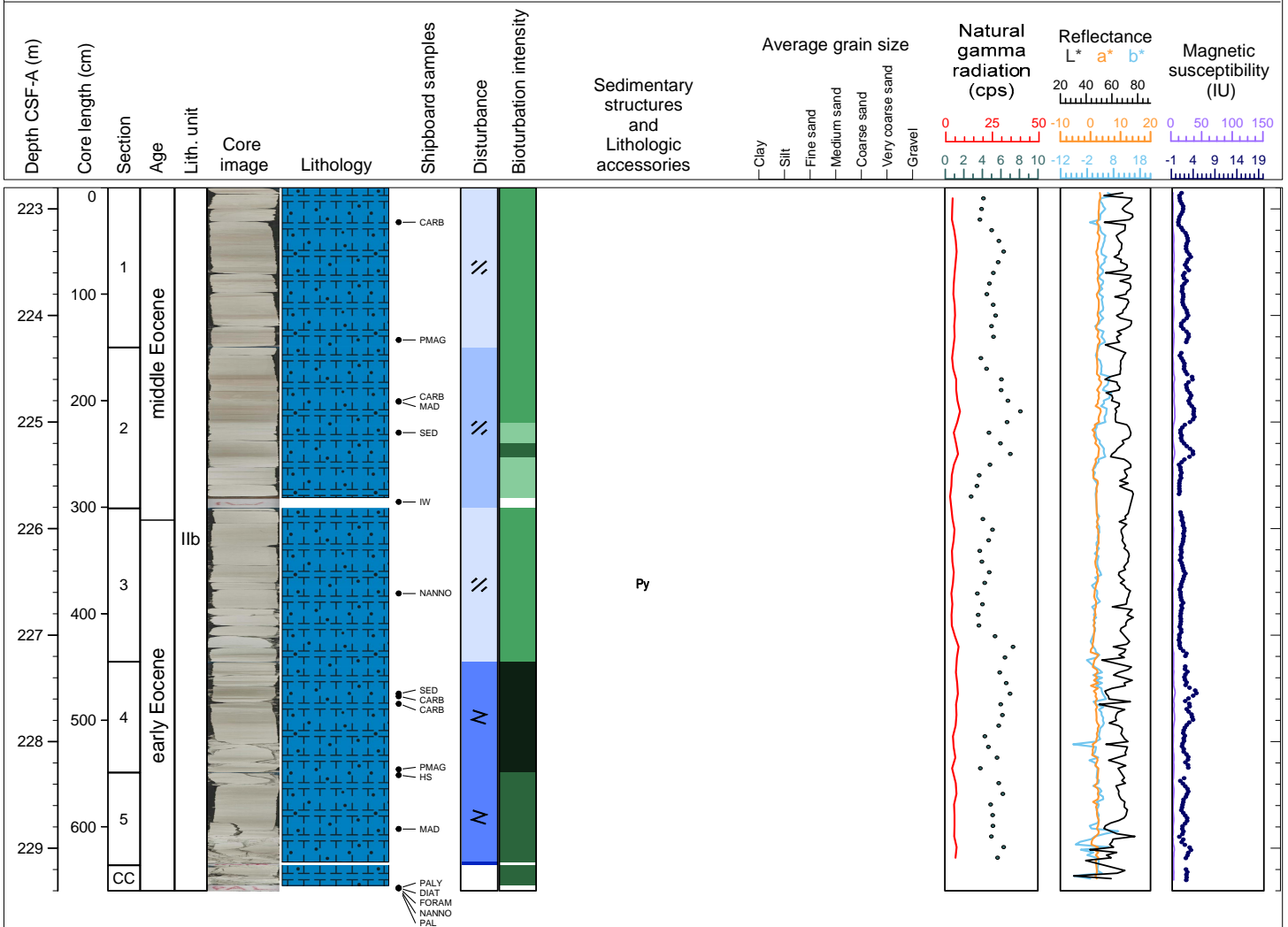
Hole 392-U1579D Core 11R, Interval 213.1-222.47 m (CSF-A)

Core U1579D-11R consists of nannofossil chalk with alternating light pinkish gray and greenish gray colored bands (~10-20 cm-thick). The core is intensely bioturbated. Small, crisscrossing burrows are abundant throughout, with occasional prominent vertical burrows (e.g., Section 1, 26-29cm, about 5 mm-wide, infilled with darker sediment). Section 1 has a pyrite patch at 50 cm. Drilling disturbance intensity ranges from slight to moderate (fractured).



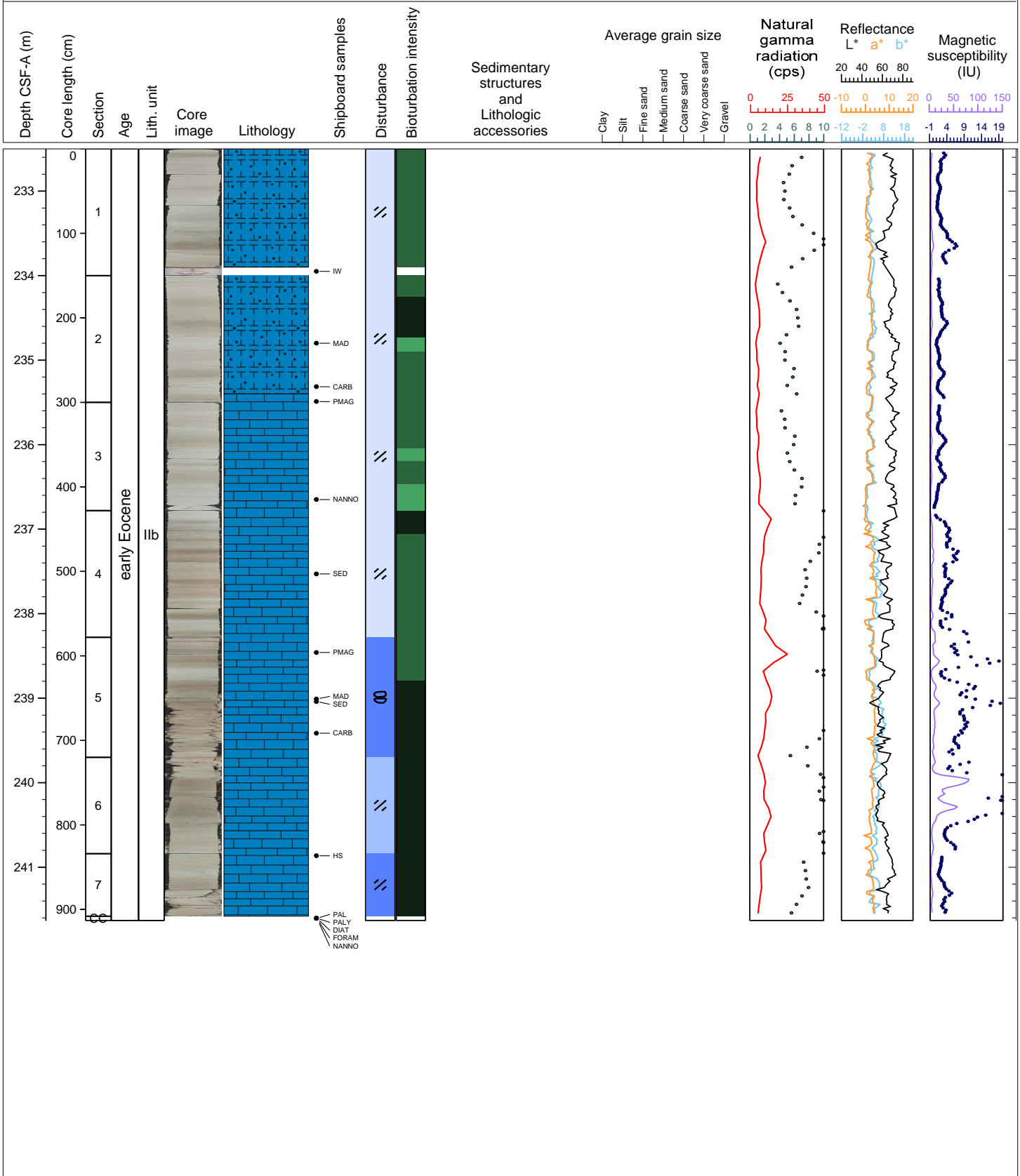
Hole 392-U1579D Core 12R, Interval 222.8-229.4 m (CSF-A)

Core U1579D-12R consists of light greenish gray nannofossil chalk with light pinkish gray bands (1-8 cm-thick) throughout. The entire core is highly bioturbated and slightly fractured. There is a prominent vertical burrow (~7 mm-thick) in Section 2 (45-52 cm).



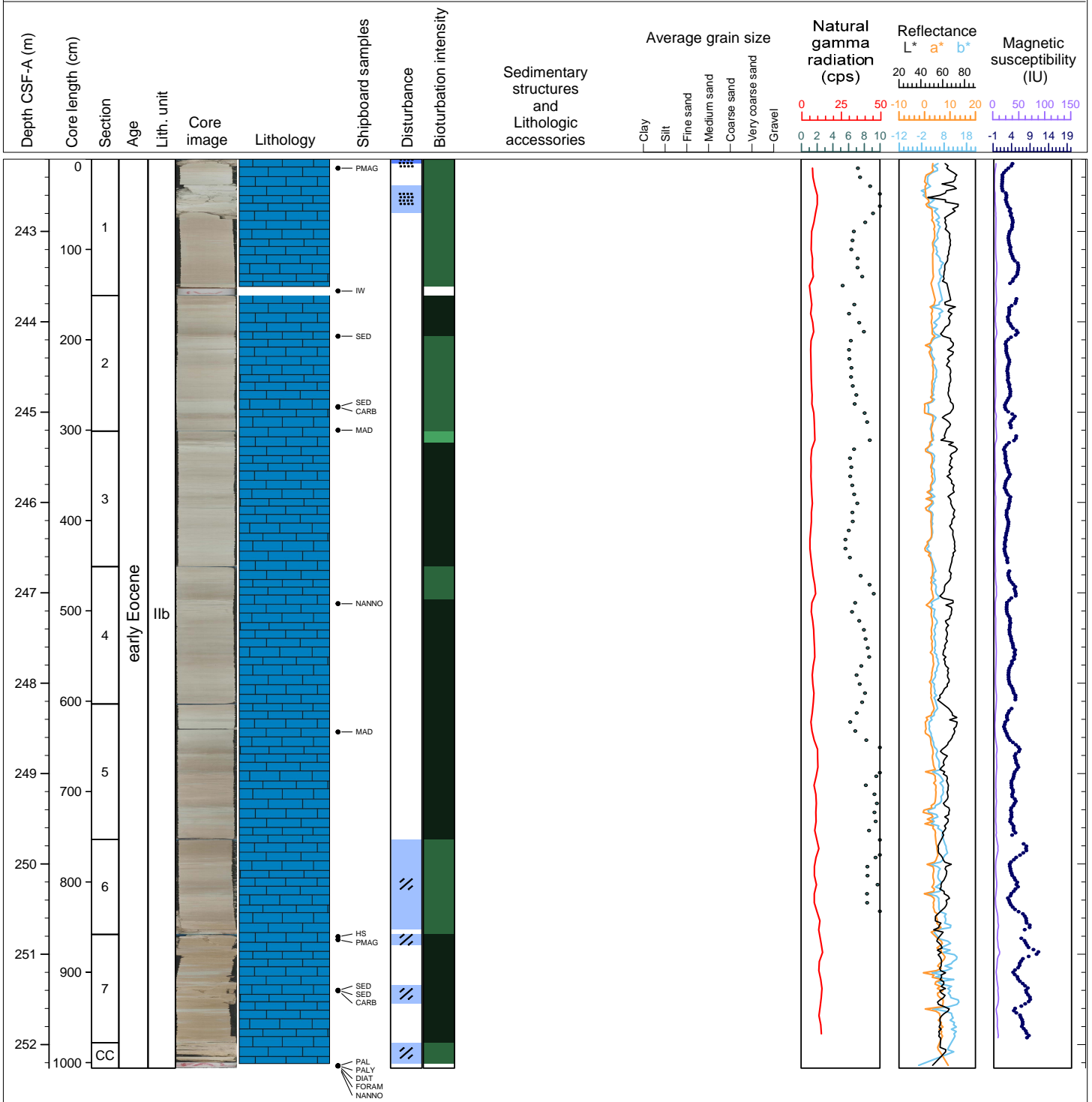
Hole 392-U1579D Core 13R, Interval 232.5-241.63 m (CSF-A)

Core U1579D-13R consists of light greenish gray nannofossil chalk with light pinkish gray bands (1-8 cm-thick) throughout. The entire core is highly bioturbated and slightly fractured.



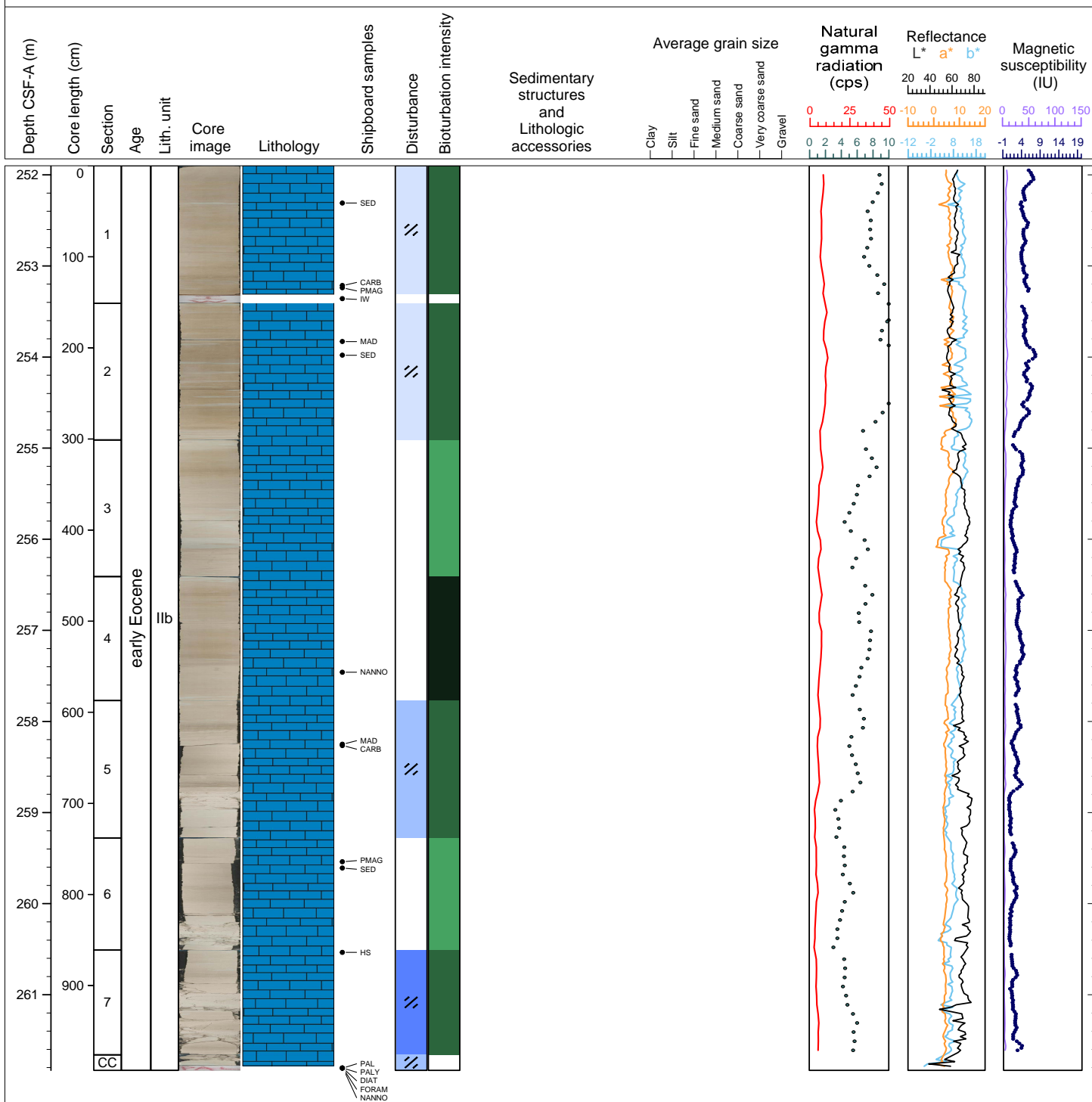
Hole 392-U1579D Core 14R, Interval 242.2-252.26 m (CSF-A)

Core U1579D-14R consists of calcareous chalk that alternates in color between light greenish gray and dark gray. Sections 7-CC are light reddish brown, with patches of light greenish gray. Section 7 contains some fractures that do not appear to be from drilling disturbance. Bioturbation is heavy throughout with prominent horizontal burrows and wavy burrows. Sections 1 and 7 are disturbed by drilling-induced fracturing.



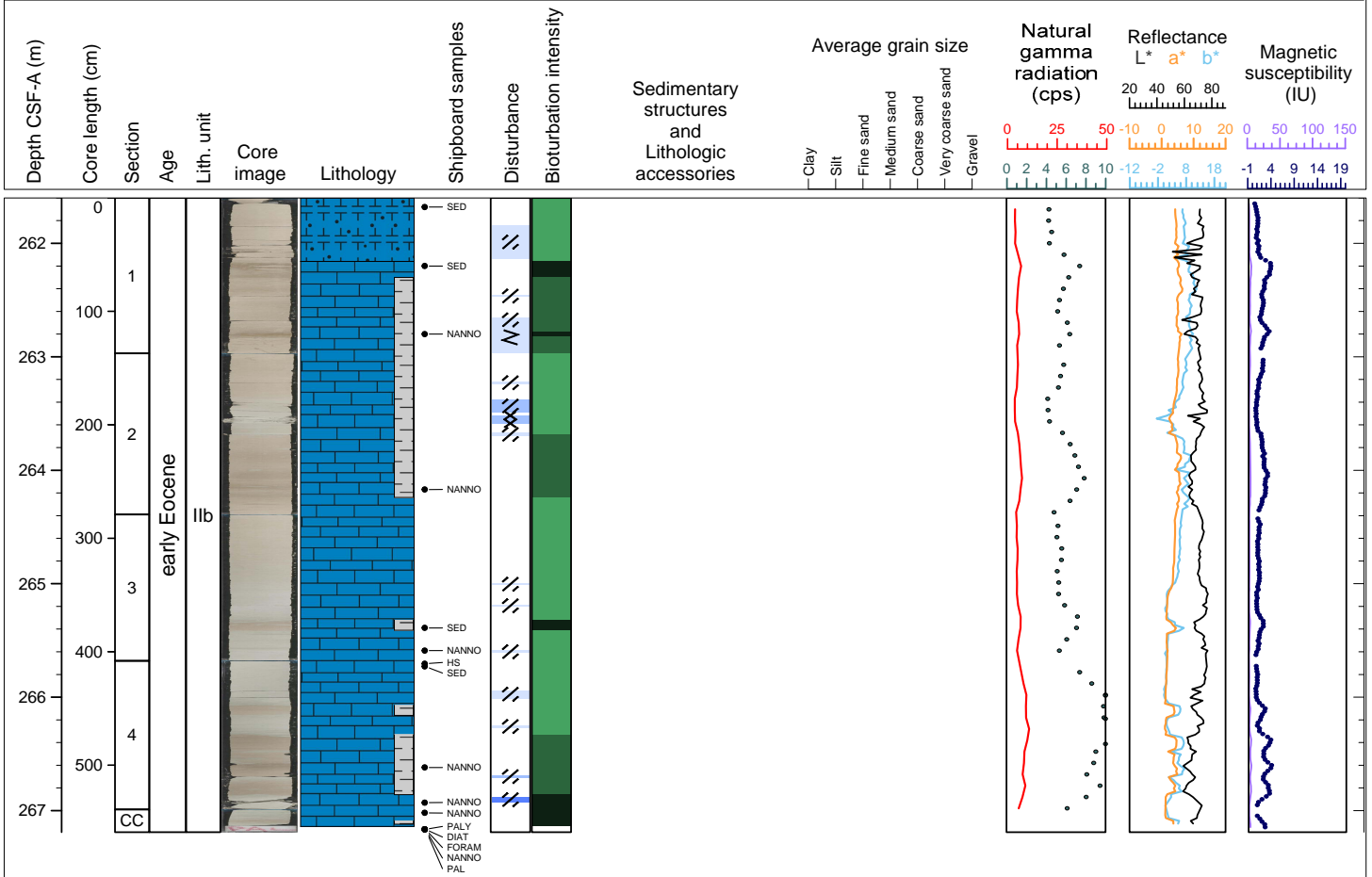
Hole 392-U1579D Core 15R, Interval 251.9-261.83 m (CSF-A)

Core U1579D-15R consists of calcareous chalk. Decimeter-scale banding is present throughout the core, alternating between pinkish white and light greenish gray, transitioning to a more homogenous light greenish gray in Sections 6, 7, and CC. The entire core is moderately to heavily bioturbated and slightly to moderately fractured.



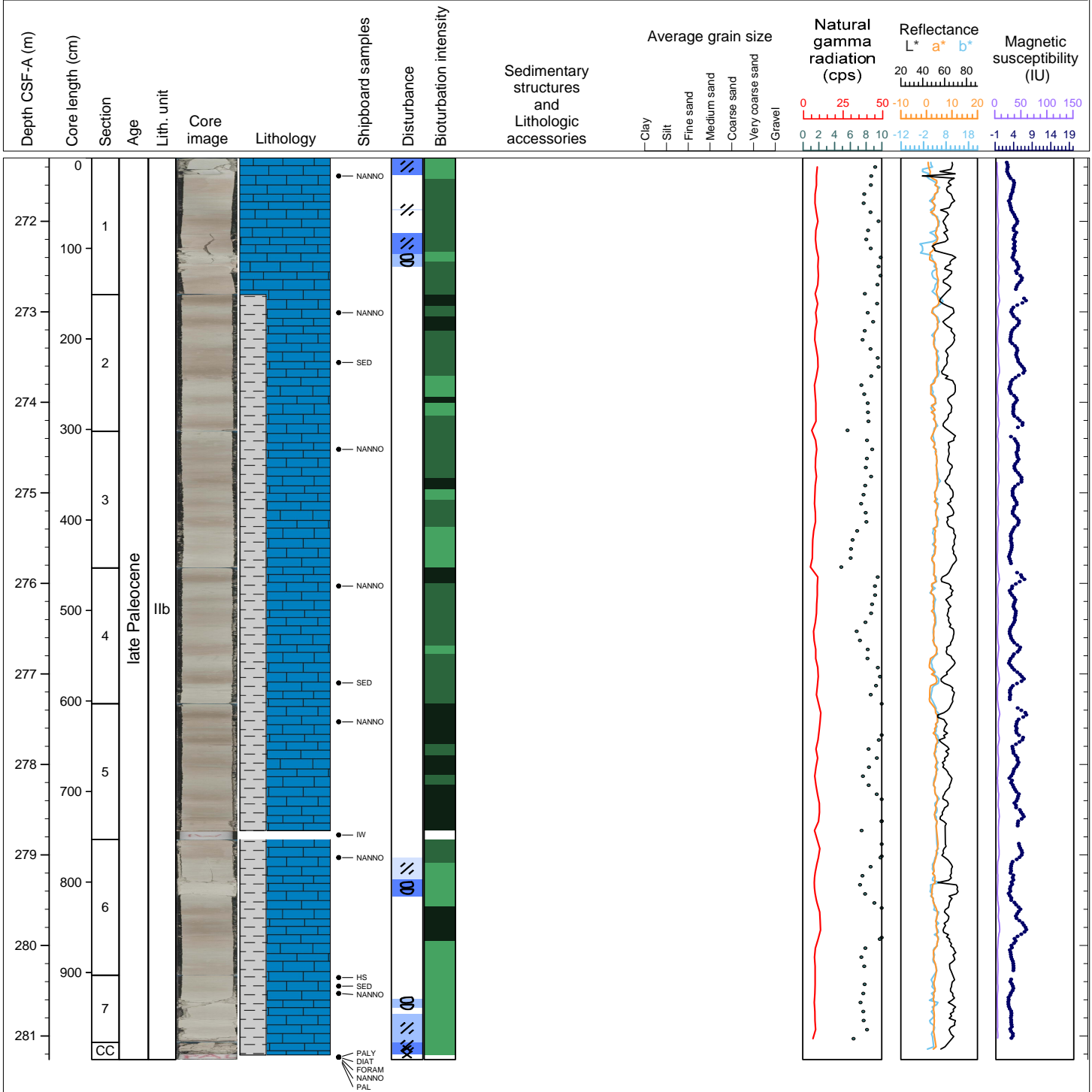
Hole 392-U1579D Core 16R, Interval 261.6-267.19 m (CSF-A)

Core U1579D-16R is predominantly light greenish gray to reddish gray calcareous chalk. Nannofossils are present but are poorly preserved and difficult to differentiate from other calcareous material. In Section 1 there is a dark brown layer from 57-70 cm which is intensely bioturbated. Drilling disturbance is limited to slight fracturing throughout most of the core with the exception of Section 2 (56-61 cm), which is brecciated.



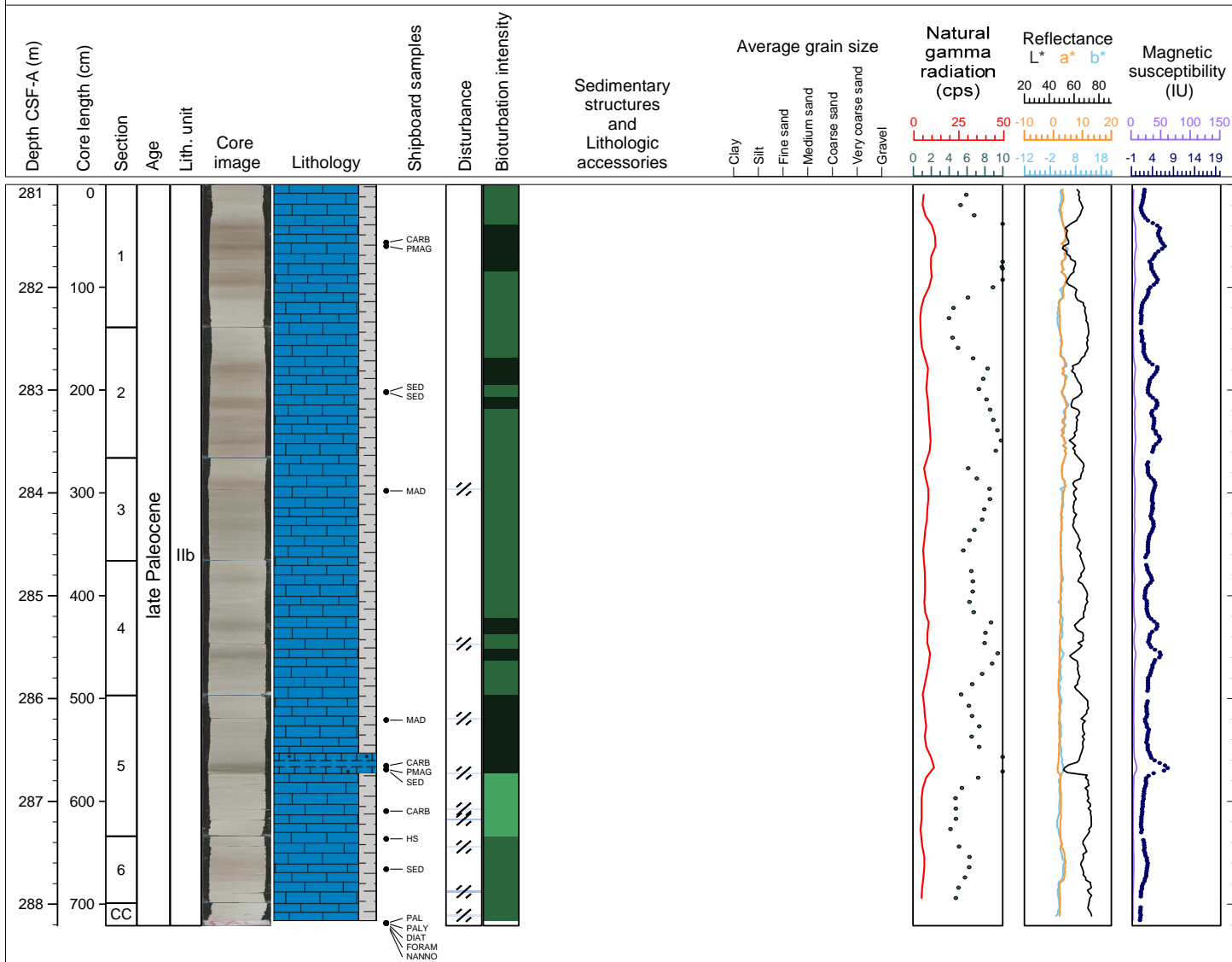
Hole 392-U1579D Core 17R, Interval 271.3-281.26 m (CSF-A)

Core U1579D-17R is predominantly light greenish gray to brownish gray clayey calcareous chalk. Burrows are abundant throughout all sections with occasional Zoophycos and Planolites. Bioturbation is more intense at the boundaries between greenish gray and cm-scale brownish intervals. Drilling disturbance ranges from absent to slightly fractured and severely brecciated.



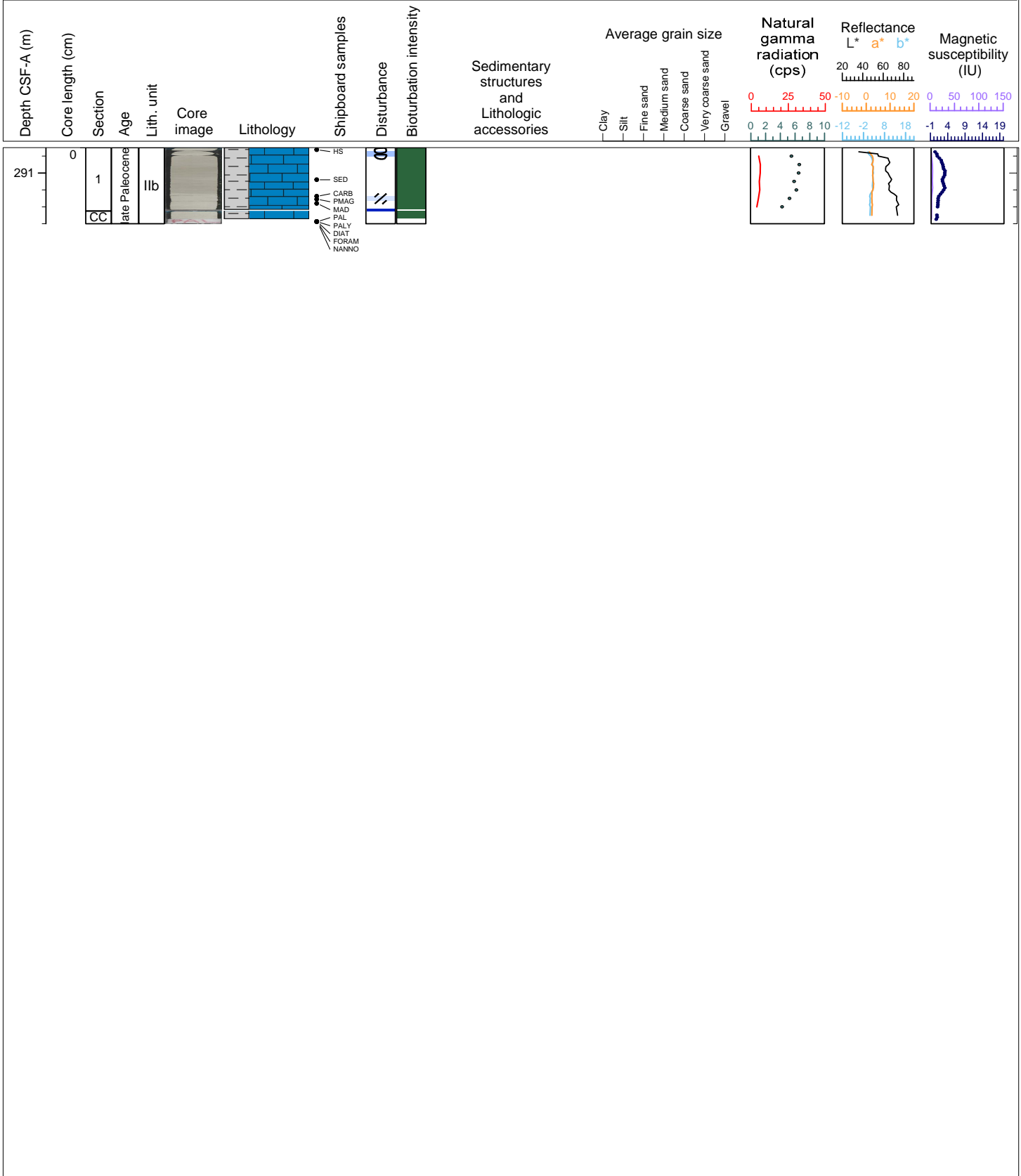
Hole 392-U1579D Core 18R, Interval 281.0-288.21 m (CSF-A)

Core U1579D-18R is predominantly light gray to brownish gray calcareous chalk with clay. Burrows are abundant throughout all sections. Bioturbation is more intense in the dark green intervals. There is a notable dark gray nanofossil chalk interval in Section 5 (64-76 cm) that is bounded by a gradational boundary at the top (64 cm) and a sharp boundary at the bottom (76 cm). Zoophycos burrows are abundant in Section 5 (76-93 cm). Drilling disturbance is minimal and ranges from absent to slightly fractured.



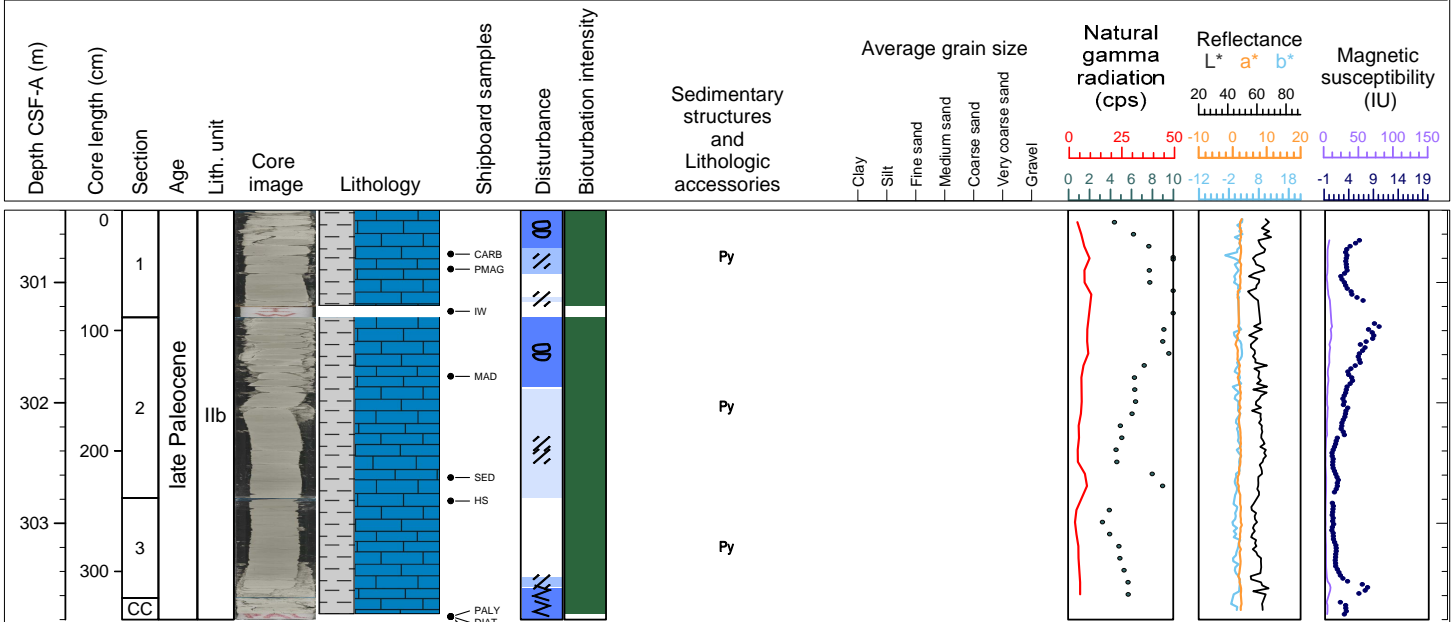
Hole 392-U1579D Core 19R, Interval 290.7-291.6 m (CSF-A)

Core U1579D-19R is predominantly light gray to light brownish gray calcareous chalk with clay. Bioturbation intensity ranges from moderate to high throughout the core. Drilling disturbance is minimal. In Section 1 there is moderate biscuiting (4-10 cm), slight fracturing (58-63 cm), and a void (72-75 cm).



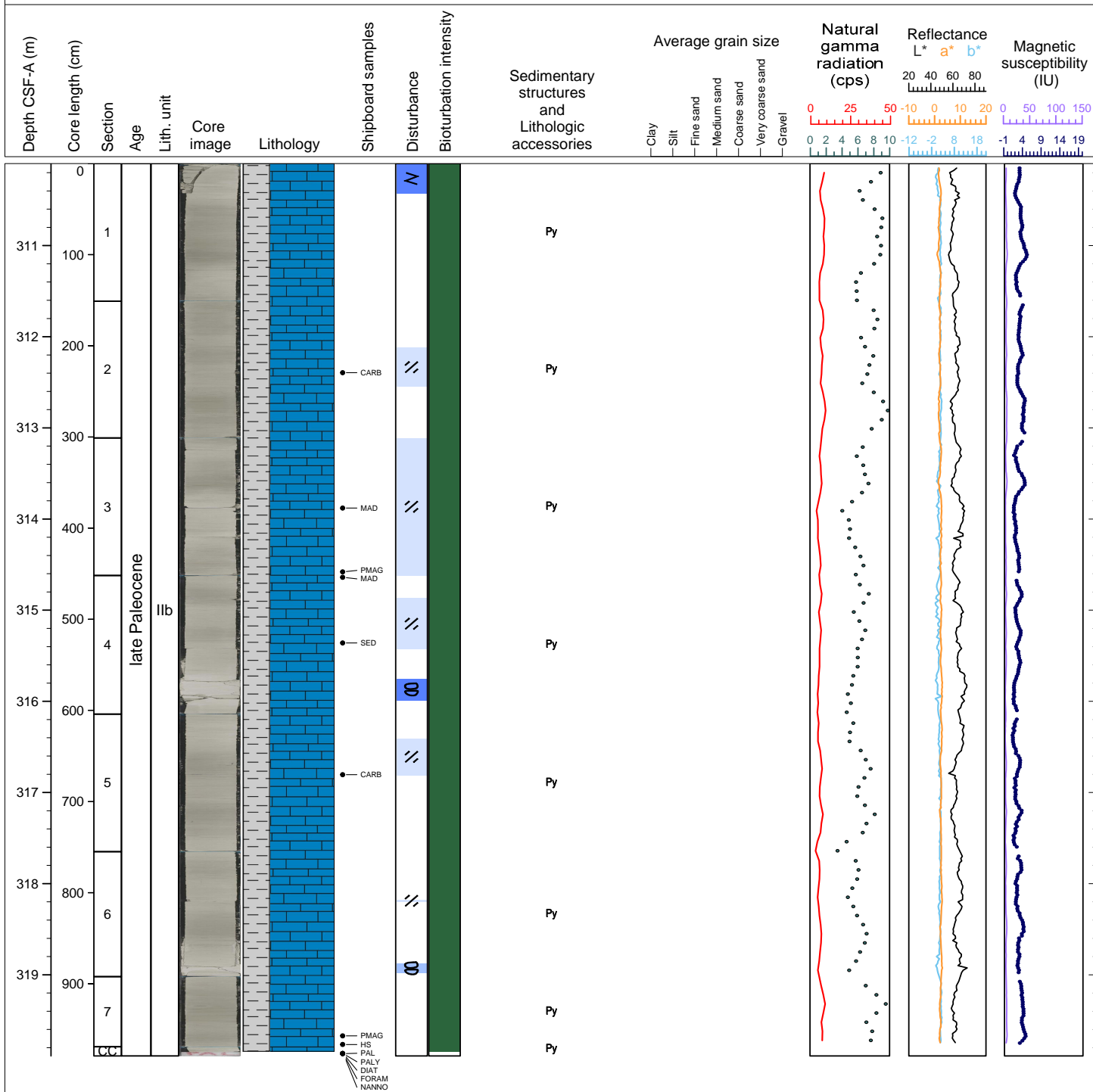
Hole 392-U1579D Core 20R, Interval 300.4-303.8 m (CSF-A)

Core U1579D-20R is predominantly light gray calcareous chalk with clay. The core is highly bioturbated. There are occasional black specks that are likely to be pyrite nodules or infilled burrows in Sections 1 (32-45 cm), 2 (63-68 cm), and 3 (23 cm). The top of Sections 1 and 2 are biscuited and Sections 2 and 3 are narrow due to drilling.



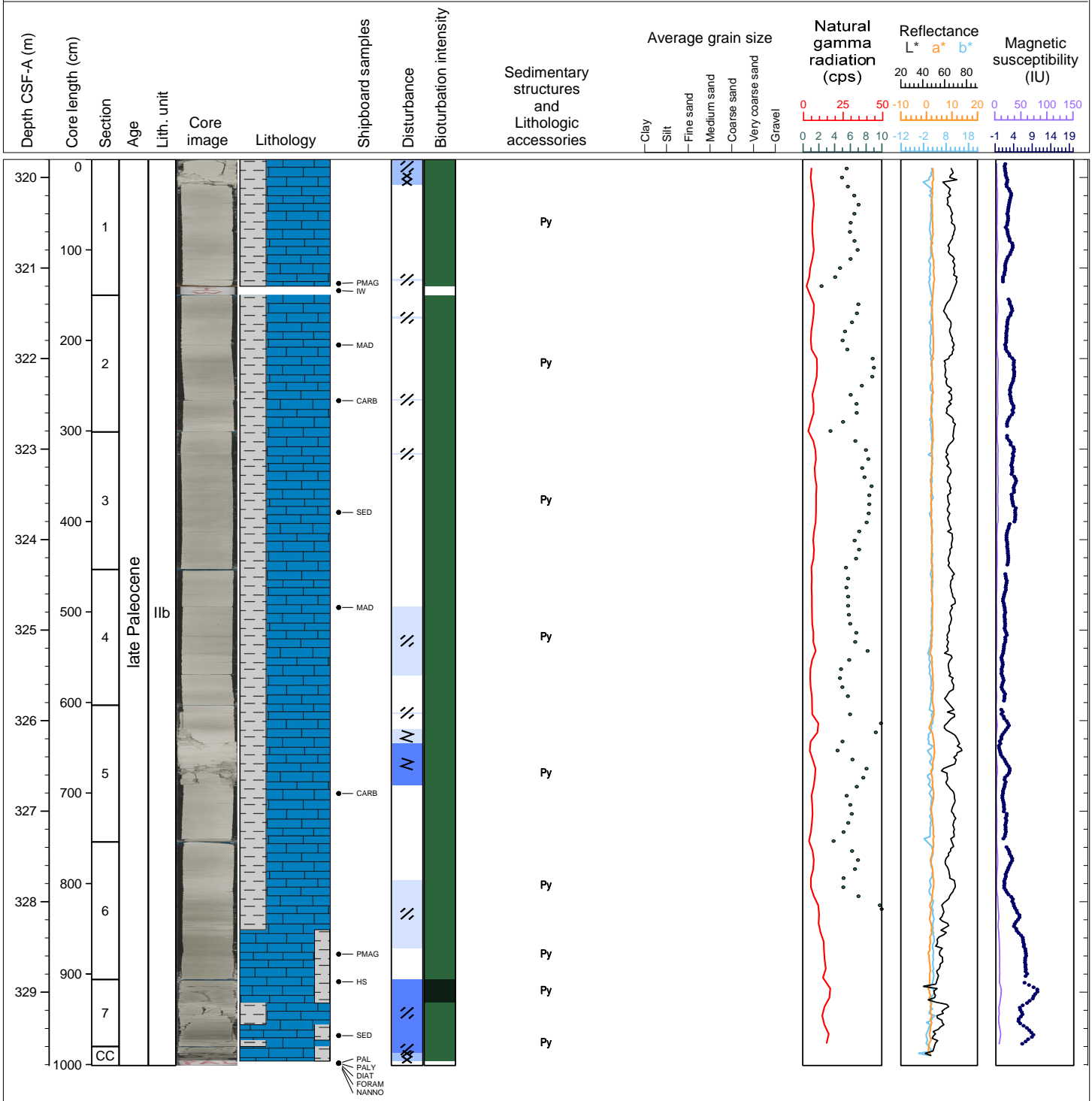
Hole 392-U1579D Core 21R, Interval 310.1-319.89 m (CSF-A)

Core U1579D-21R is predominantly light gray calcareous chalk with clay. There are no obvious bedding boundaries but color gradually alternates between lighter and darker gray throughout the core. The core is highly bioturbated throughout. There are small black specks and streaks throughout the core that are probably pyrite. Notable black streaks are present in Sections 5 (53-57, 66, and 100-102 cm), and 7 (32-34 cm). There are distinct ichnofossils (possible Planolites) present in Section 7 (101-105 cm). Drilling disturbance is minimal throughout most of the core, with the exception of the top of Section 1 (0-33 cm), which is highly fractured, and the bottom of Sections 4 and 6, which are highly biscuited.



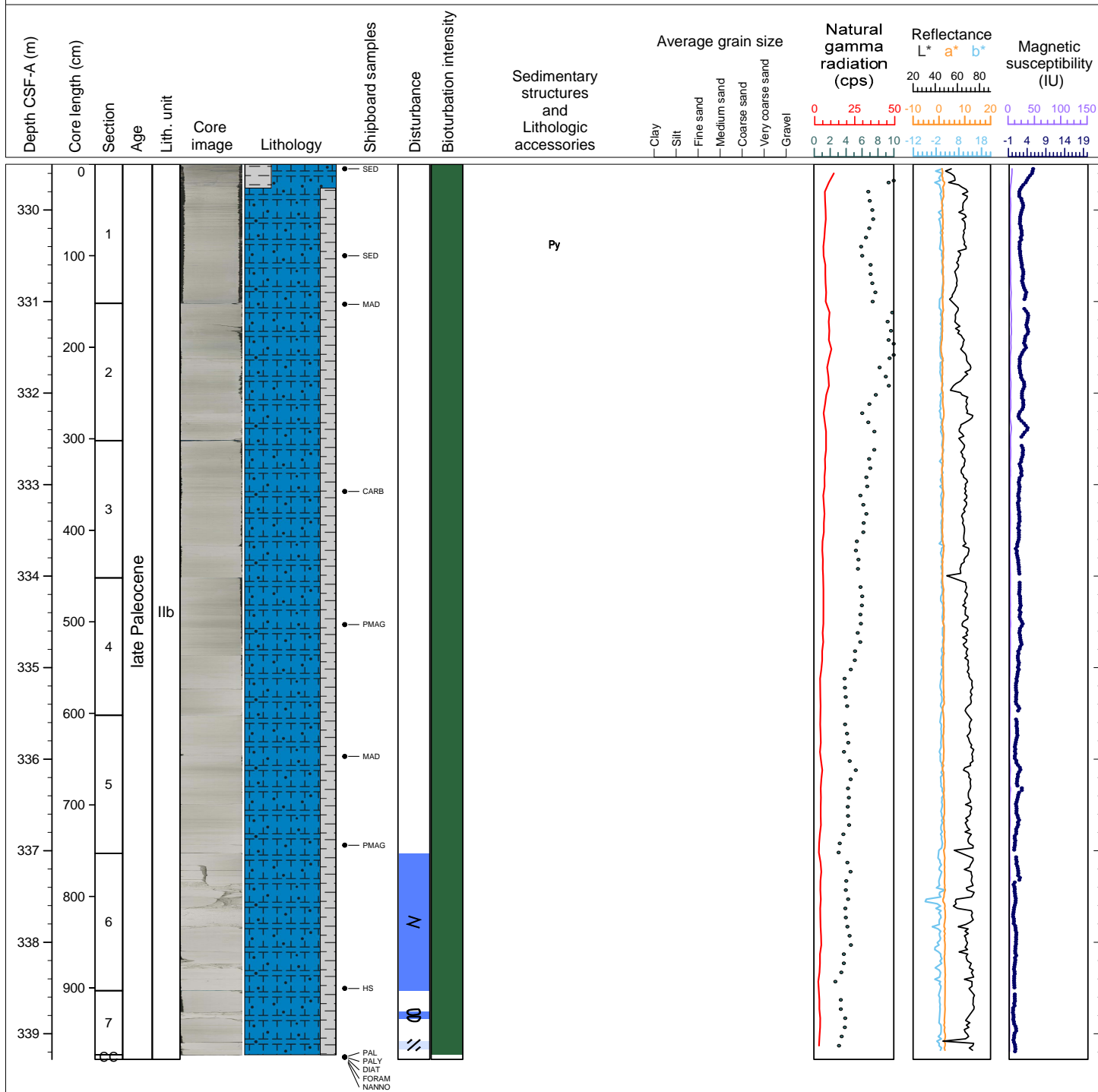
Hole 392-U1579D Core 22R, Interval 319.8-329.81 m (CSF-A)

Core U1579D-22R is predominantly light gray calcareous chalk with clay. There are no obvious bedding boundaries but color gradually alternates from light gray to slightly lighter and darker gray intervals throughout. The core is highly bioturbated. There are small black specks and streaks throughout the core that are probably pyrite. In Sections 1-5, there are no obvious changes in lithology. In Section 6 there is a gradual shift to dark greenish calcareous chalk with clay that persists through Sections 7 and CC. Drilling disturbance is variable, ranging from absent to severely fractured and moderately brecciated.



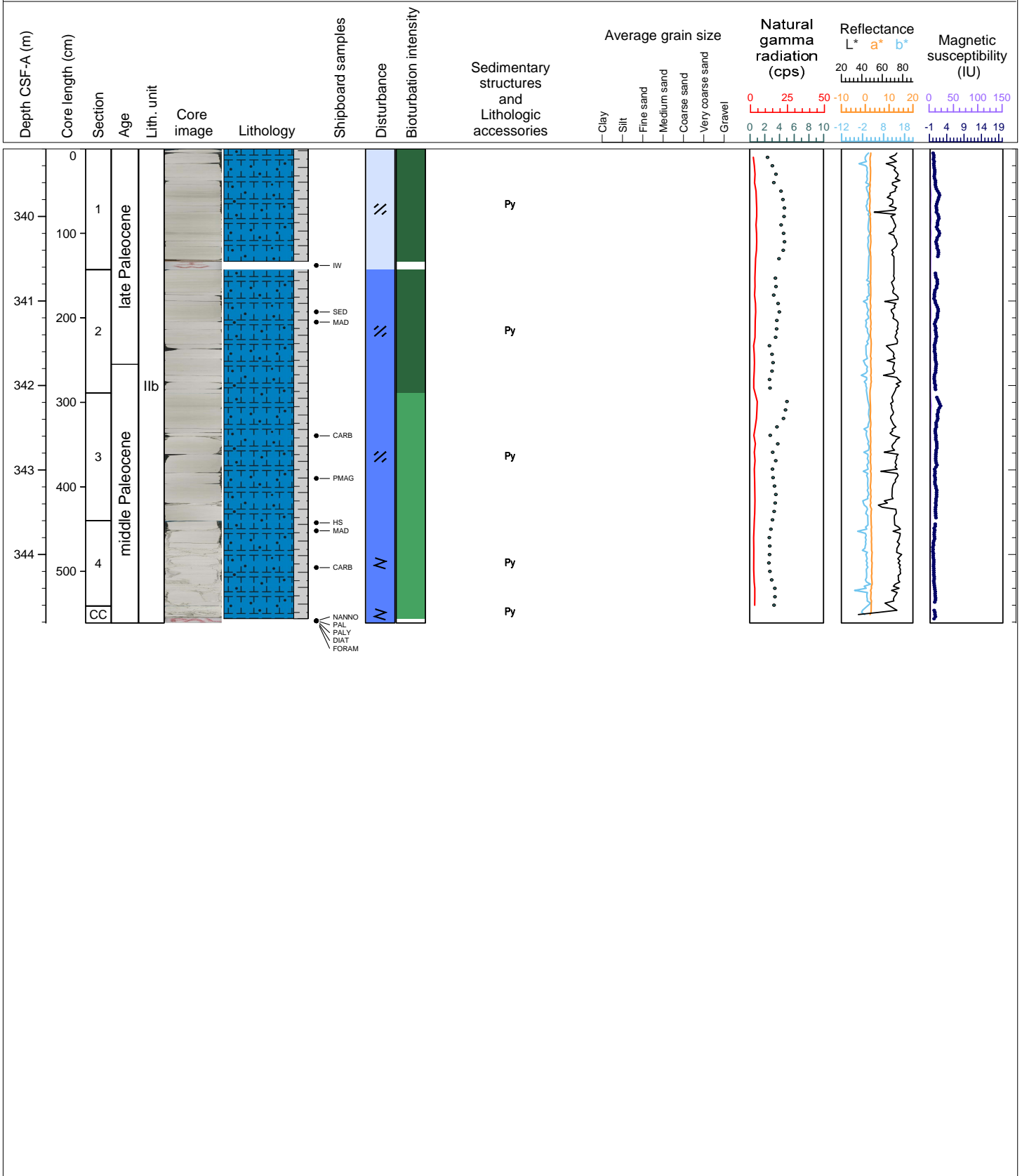
Hole 392-U1579D Core 23R, Interval 329.5-339.28 m (CSF-A)

Core U1579D-23R is predominantly white clayey nannofossil chalk and nannofossil chalk with clay. There are some gray bands throughout the core. For example, Sections 1 (0-26 cm), 2 (30-36, 40-50 cm), 4 (0-40 cm), 5 (27-40, 46-56, and 65-80 cm), 5 (55-65 cm). The core is intensely bioturbated. Prominent Zoophycos burrows occur in Sections 1 (72-96 cm) and 2 (43-73 cm). There are small black specks and streaks of pyrite throughout Section 1. Drilling disturbance ranges from absent to slightly fractured and severely fragmented and biscuited.



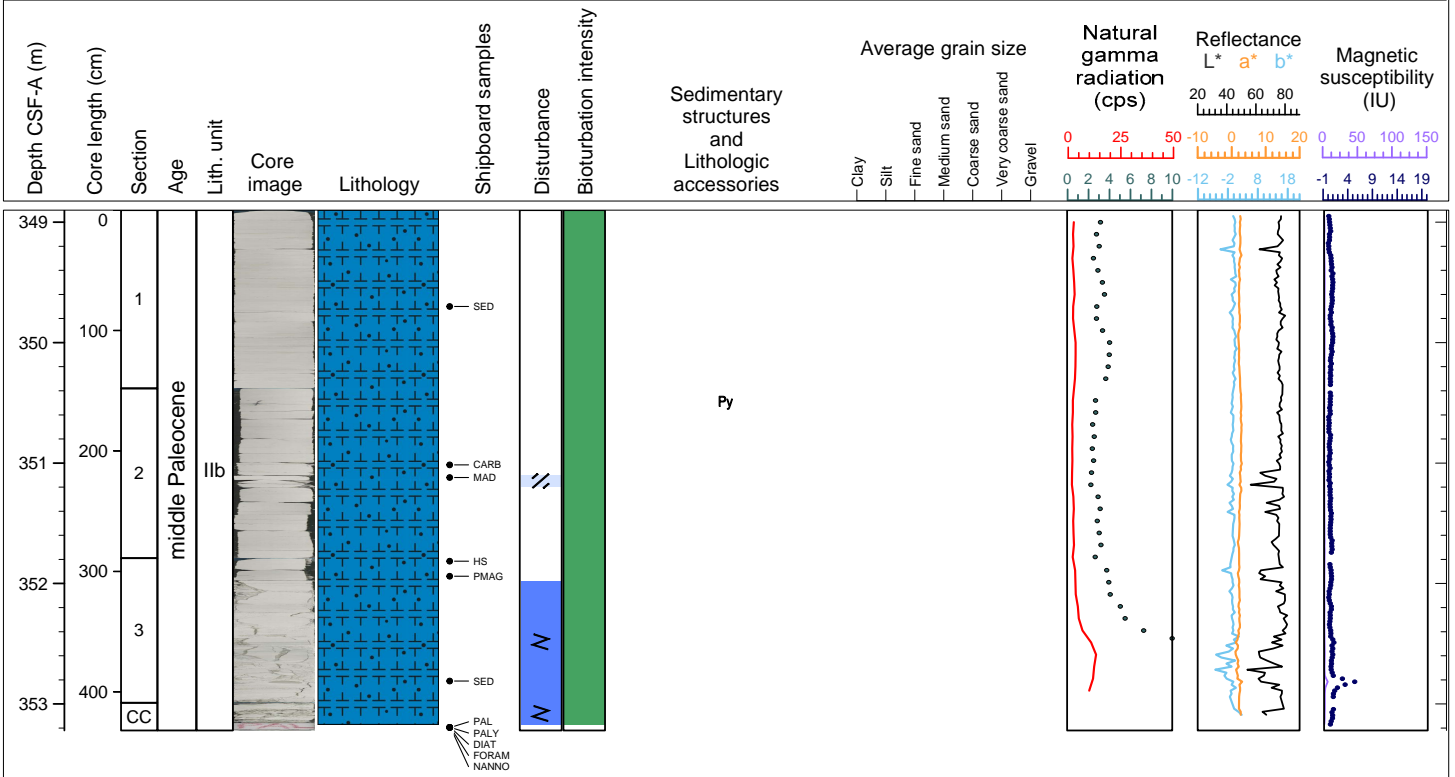
Hole 392-U1579D Core 24R, Interval 339.2-344.81 m (CSF-A)

Core U1579D-24R is predominantly nannofossil chalk with clay. There are some gray bands throughout the core, for example, in Sections 1 (50-57, 98-101 cm), 2 (45-55 cm), and 3 (15 cm). The core is moderately to highly bioturbated throughout. Prominent Zoophycos burrows occur in Section 2 at 0-20 cm. There are small black mm-scale specks throughout the core. Drilling disturbance in the form of slight fracturing is present in Sections 1, 2 and 3 and severe fragmentation is present in Sections 4 and CC.



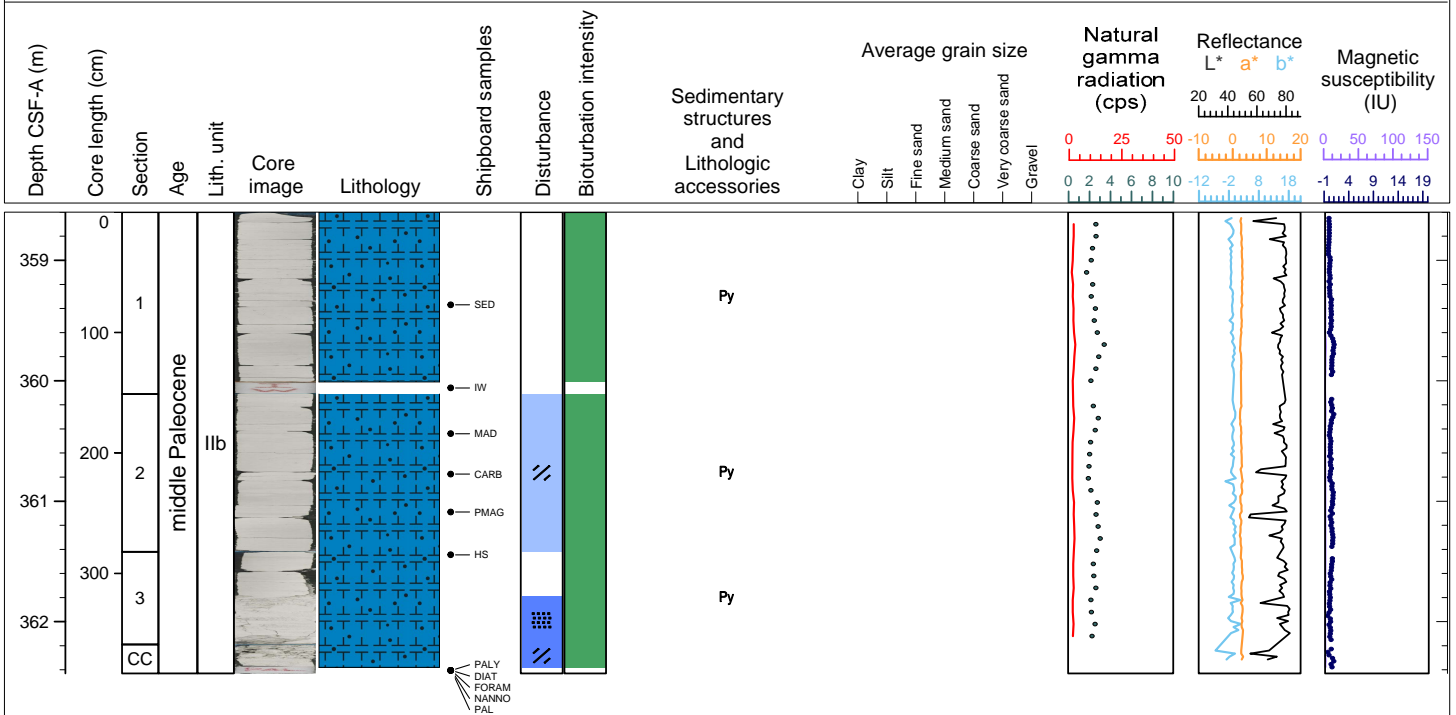
Hole 392-U1579D Core 25R, Interval 348.9-353.22 m (CSF-A)

Core U1579D-25R is white nannofossil chalk. There is a prominent cm-scale vertical pyrite feature (burrow?) at the top of Section 2 (10-15 cm). The core is moderately bioturbated throughout. Drilling disturbance is observed in Sections 2 (slightly fractured), 3 (severely fragmented), and CC (severely fragmented).



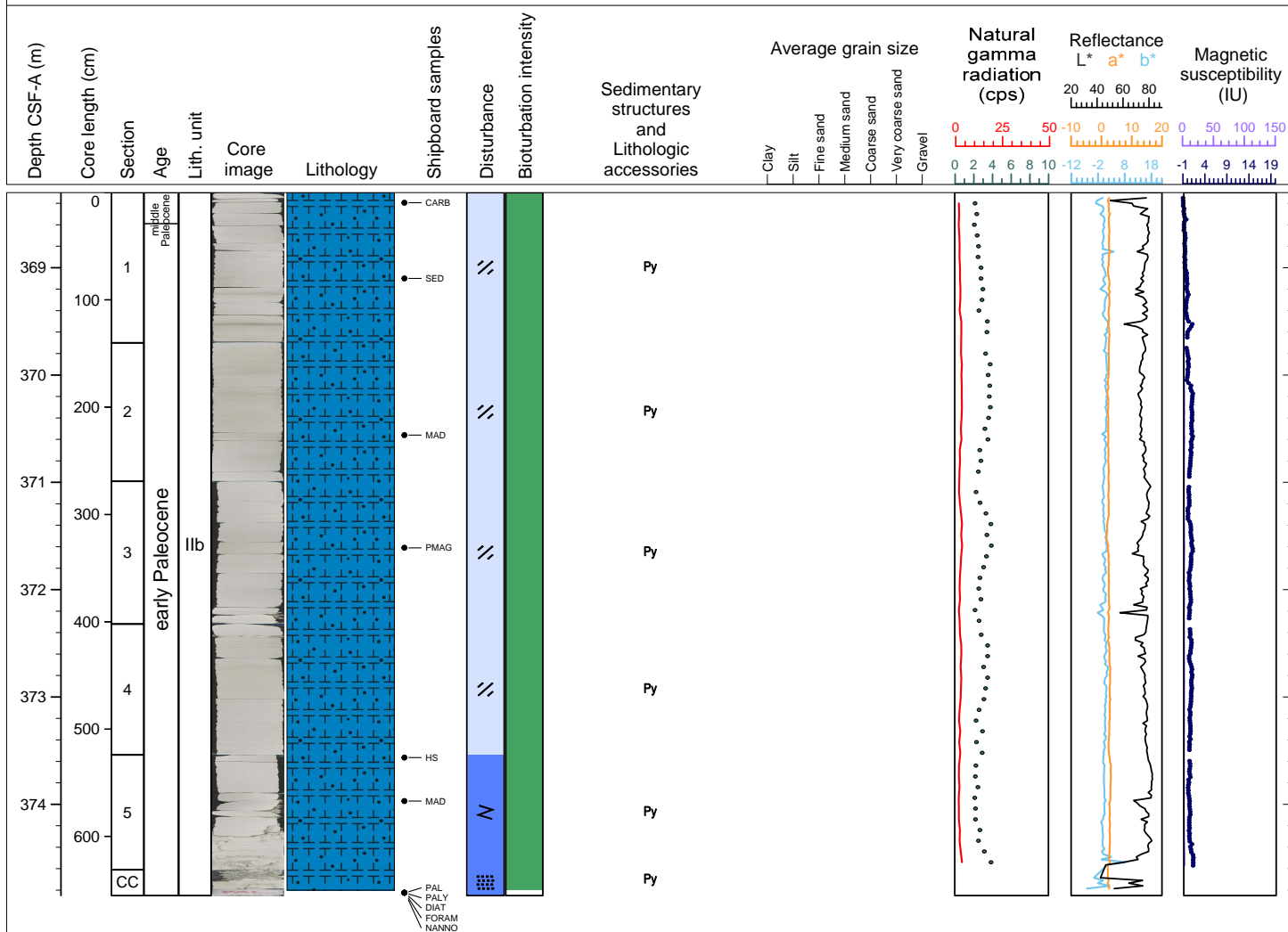
Hole 392-U1579D Core 26R, Interval 358.6-362.43 m (CSF-A)

Core U1579D-26R is white nannofossil chalk. The core is moderately to highly bioturbated throughout. Fractured/pulverized drilling disturbance is observed in Sections 2, 3, and CC.



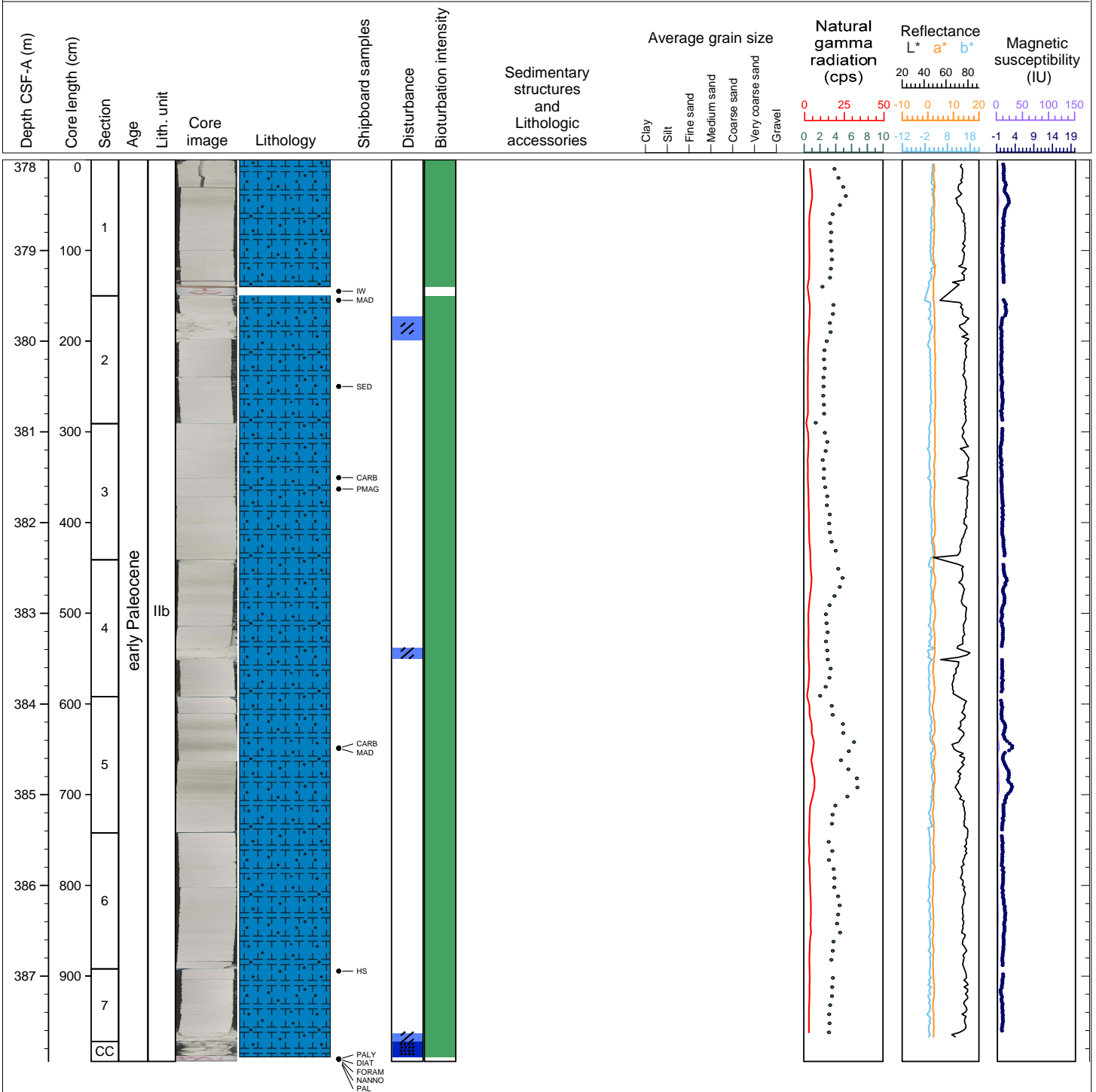
Hole 392-U1579D Core 27R, Interval 368.3-374.85 m (CSF-A)

Core U1579D-27R is light grayish-white nannofossil chalk. There are specks of pyrite throughout the core and dark gray bands occur in Section 1 at 92-94 cm and 122-124 cm. The core is moderately bioturbated throughout, and Zoophycos traces are observed in Section 3 between 122-134 cm. Some drilling-induced fracturing is observed in all sections. There is severe fragmentation in Section 5 and the core catcher is pulverized.



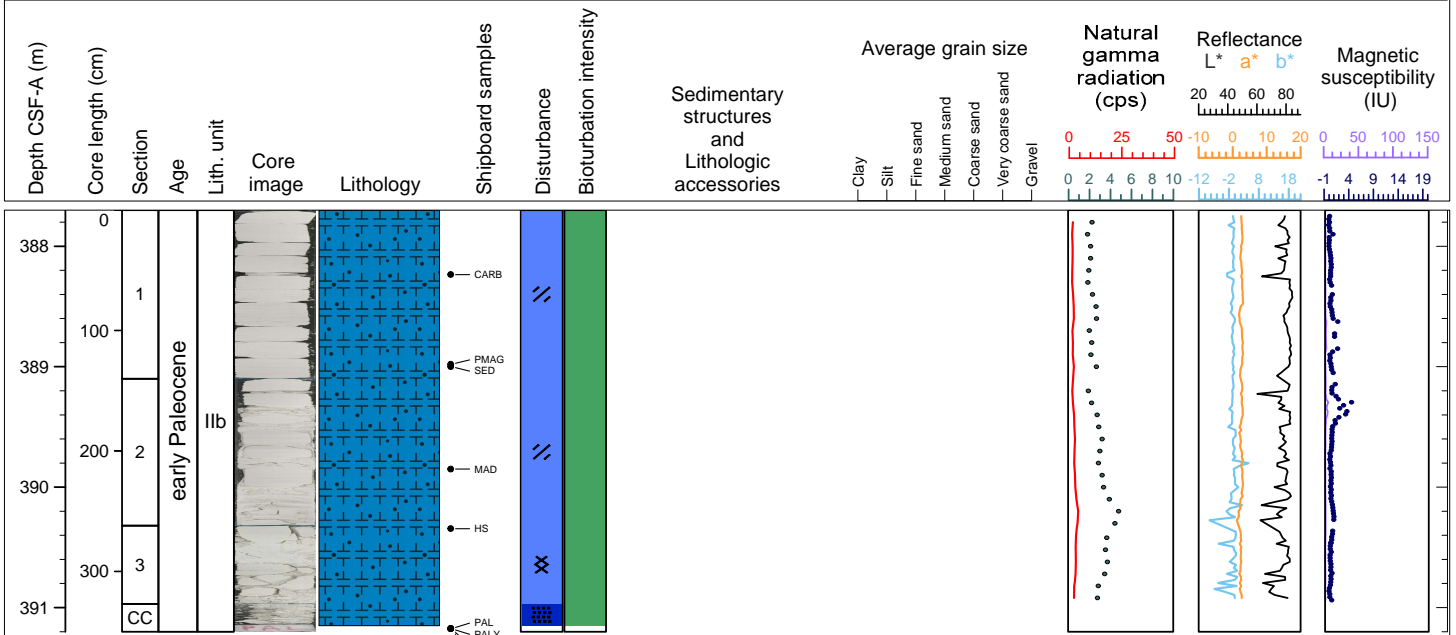
Hole 392-U1579D Core 28R, Interval 378.0-387.94 m (CSF-A)

Core U1579D-28R is white nanofossil chalk with prominent dm-scale gray intervals in Section 4. The core is moderately bioturbated, and some fractured drilling disturbance is observed in Sections 2, 4, 7 and CC.



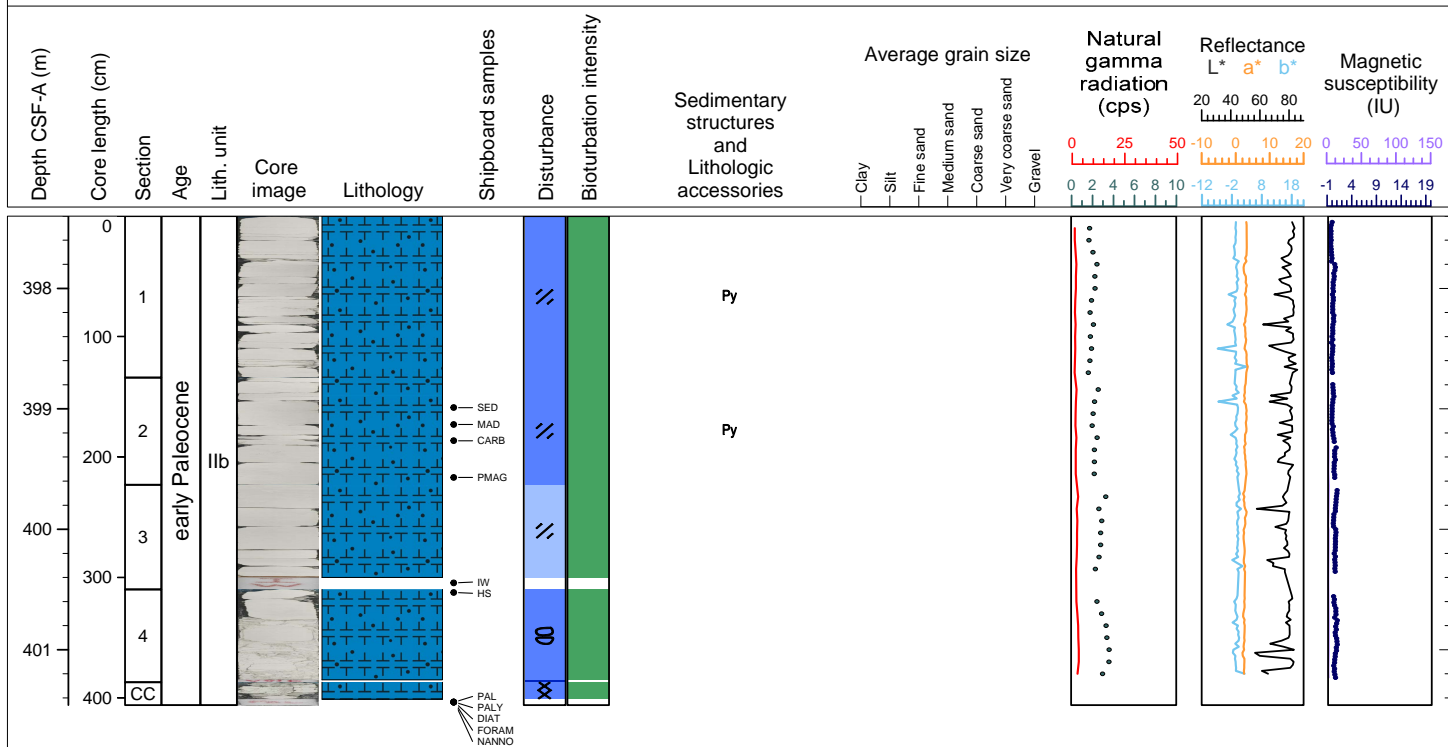
Hole 392-U1579D Core 29R, Interval 387.7-391.2 m (CSF-A)

Core U1579D-29R is light gray to white nannofossil chalk. The core is moderately bioturbated. Drilling disturbance in Sections 1-3 is severe (fractured and brecciated), and CC is destroyed (pulverized).



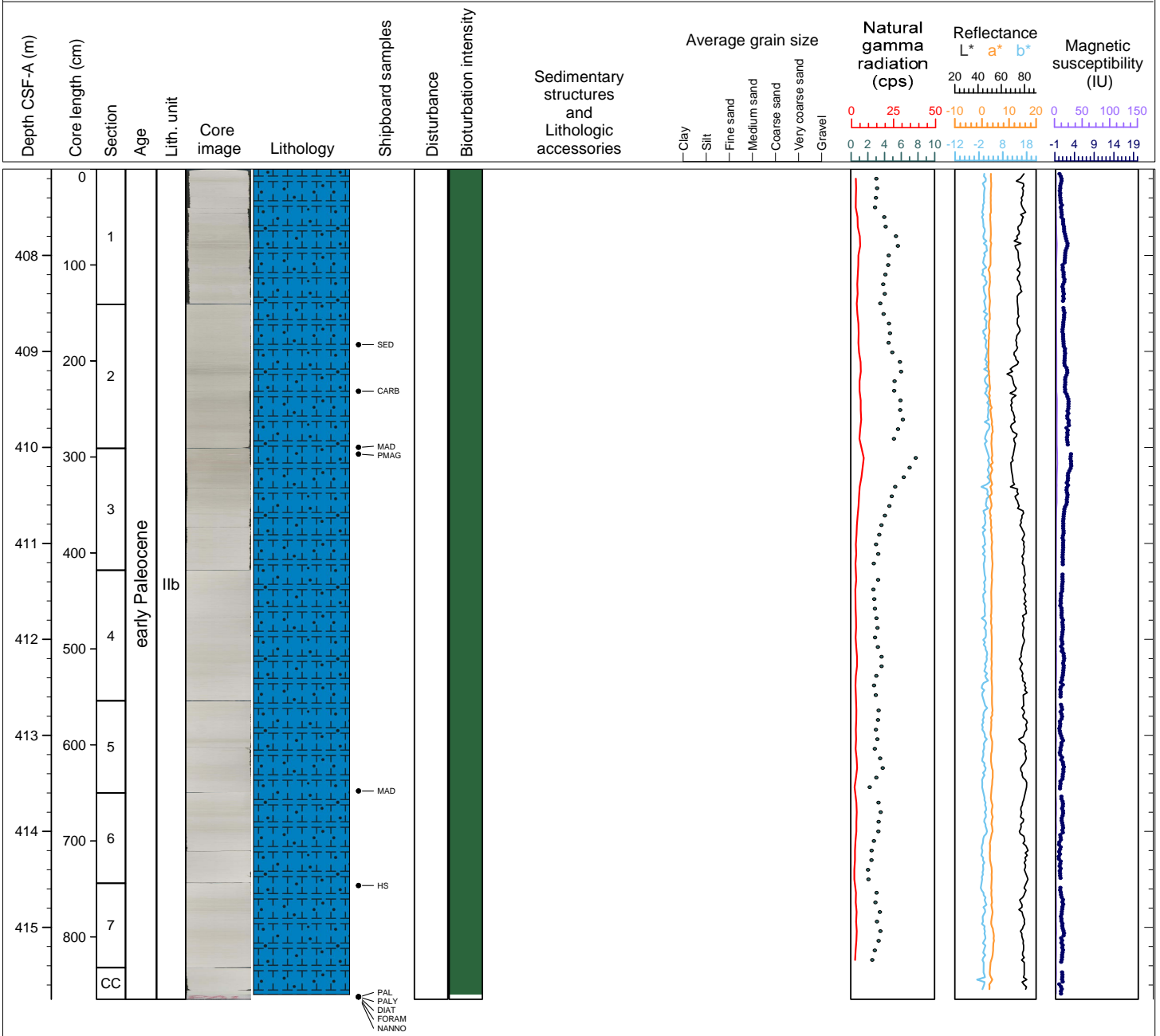
Hole 392-U1579D Core 30R, Interval 397.4-401.46 m (CSF-A)

Core U1579D-30R is light gray to white nannofossil chalk. The core is moderately bioturbated. Specks of pyrite are present in Sections 1 and 2, and a pyritized burrow is present in Section 2 (61-64 cm). All sections are moderately to severely fractured, brecciated, or biscuited by the drilling process.



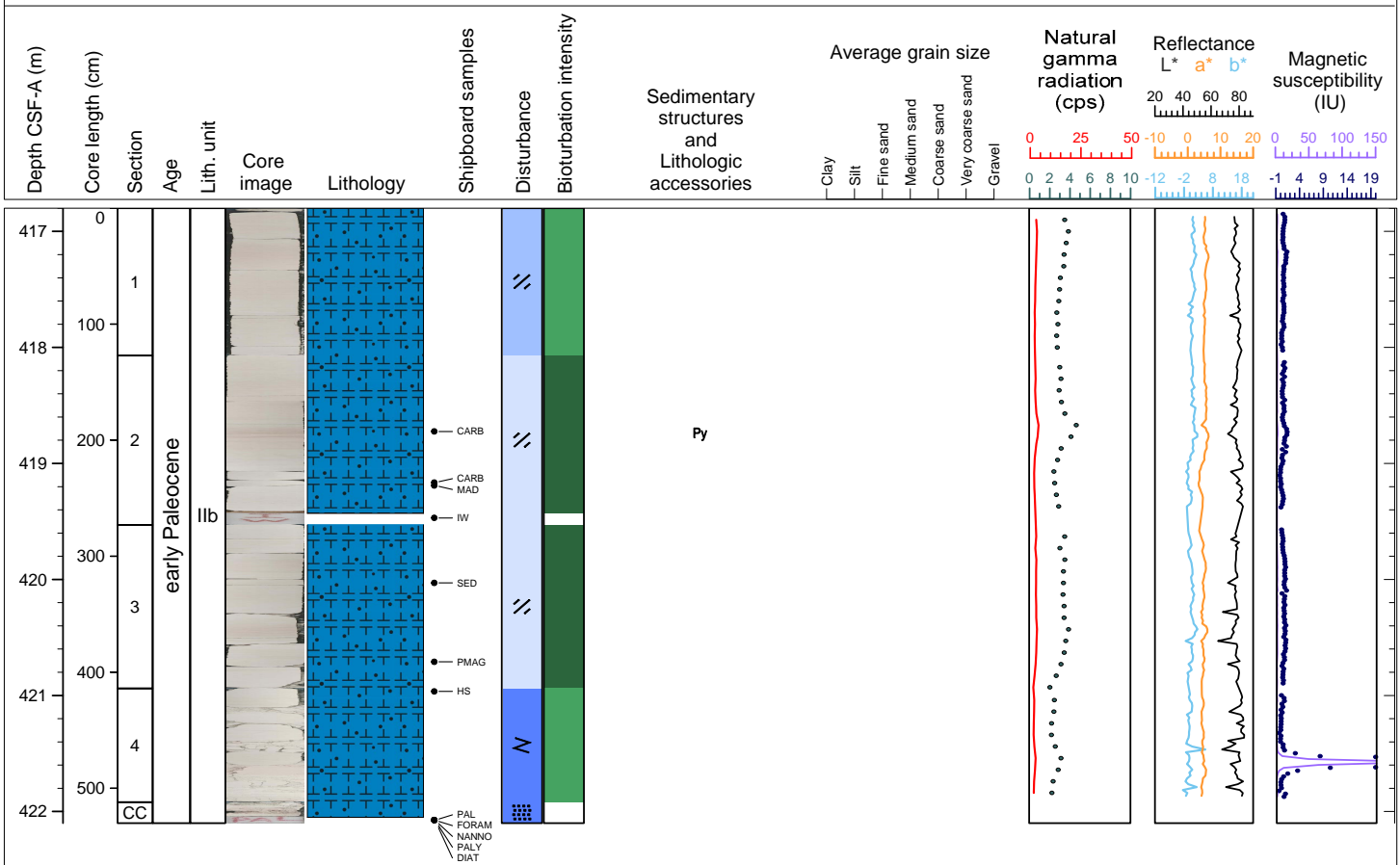
Hole 392-U1579D Core 31R, Interval 407.1-415.75 m (CSF-A)

Core U1579D-31R is white nanofossil chalk with dm-scale gray intervals that repeat at ~1 m spacing throughout the core. The core is highly bioturbated.



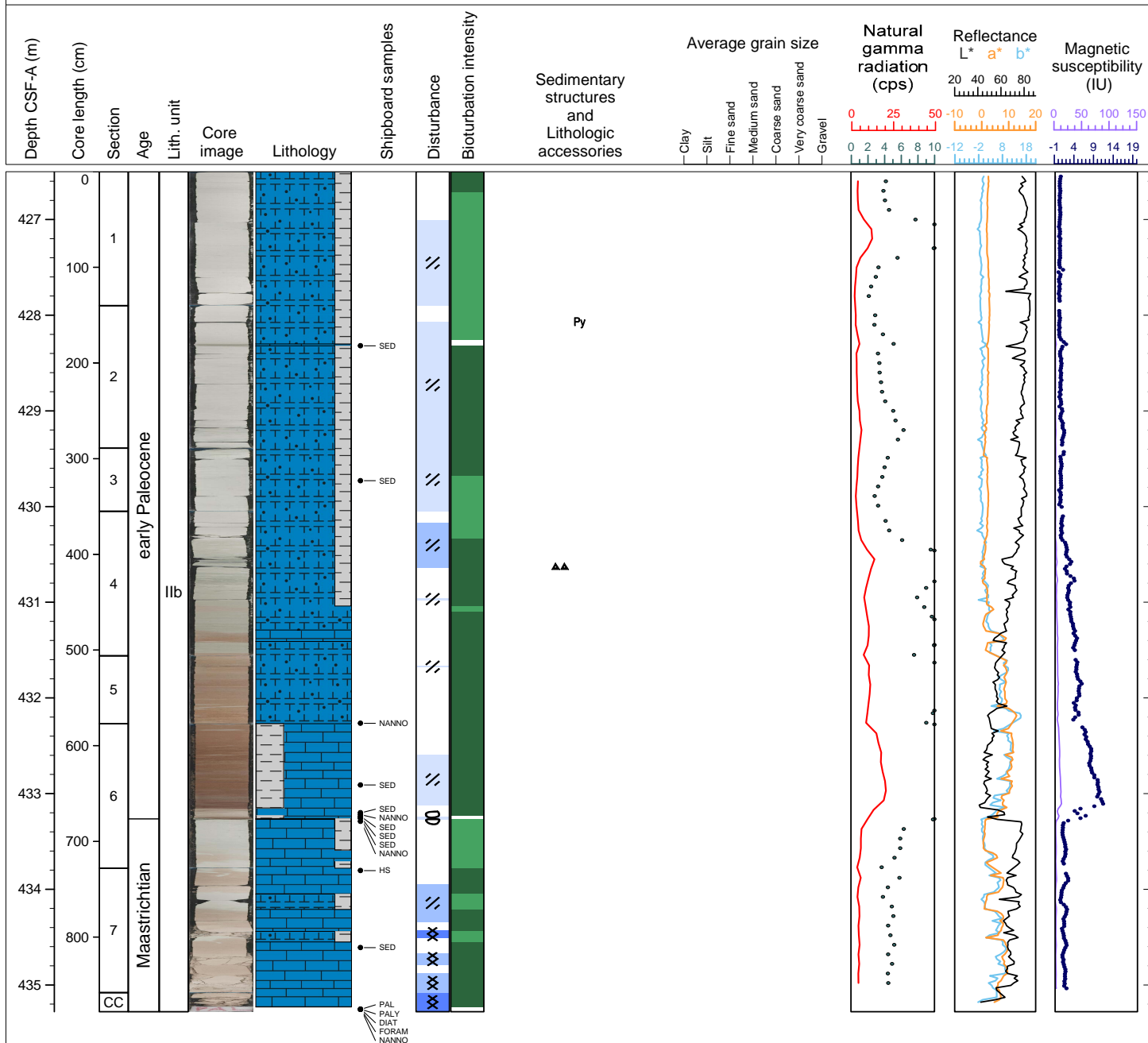
Hole 392-U1579D Core 32R, Interval 416.8-422.1 m (CSF-A)

Core U1579D-32R is light pinkish-white, moderately-highly bioturbated nannofossil chalk with prominent light brown bands. Light brown bands are observed in Sections 1 (40-41 cm, cut by white infilled burrow), 2 (62-71 cm) and 3 (88-100 cm). Thin mm-scale gray layers occur in all sections. Horizontal burrows are observed in Section 4 and are not obscured by drilling disturbance. The brown layers correspond to more intense bioturbation. In Section 2 (59.5 cm) there is a burrow that is infilled with green sediment and which contains black specks of pyrite. There is severe drilling disturbance in Sections 4 and CC.



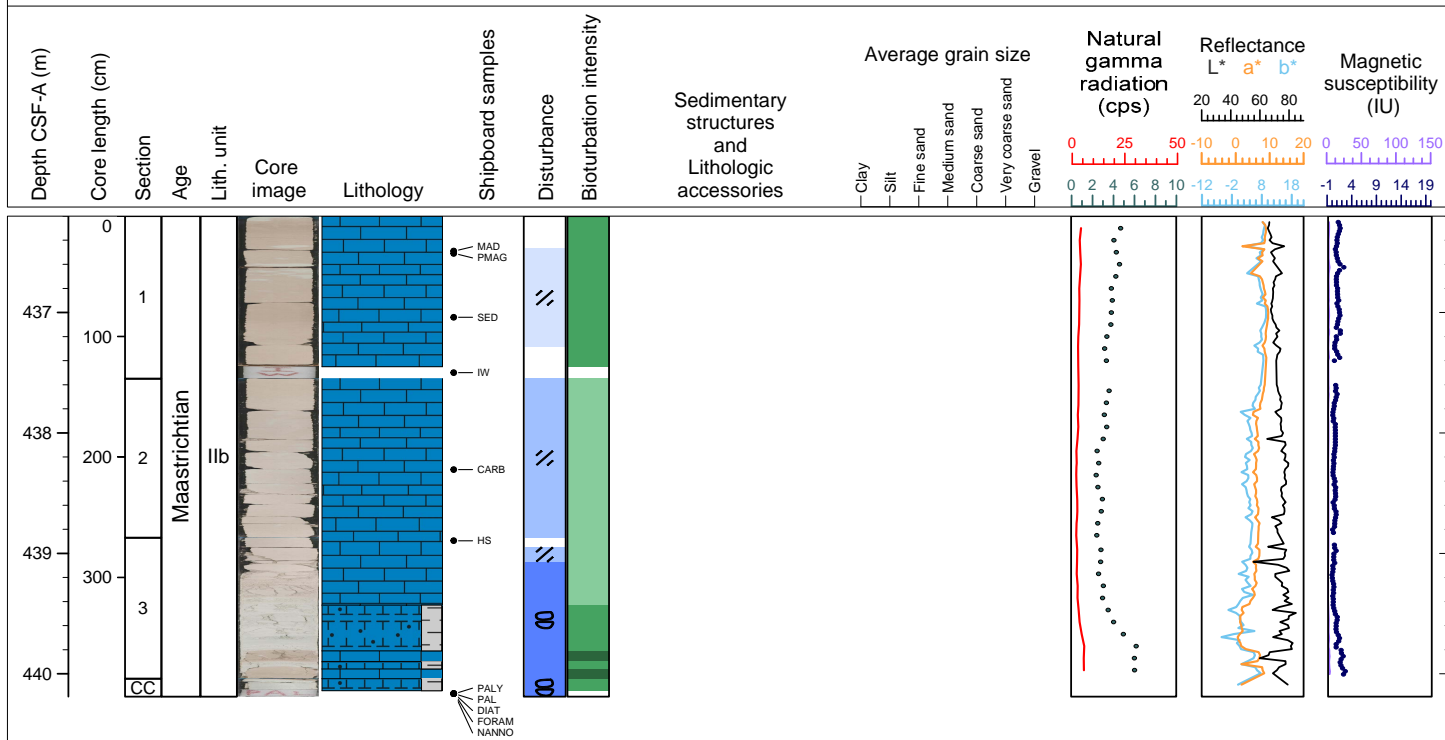
Hole 392-U1579D Core 33R, Interval 426.5-435.28 m (CSF-A)

Core U1579D-33R is predominantly light greenish gray to light and dark reddish gray calcareous chalk. There are dark green chert nodules in Section 3 (0-3 cm) and Section 4 (52-60 cm). There is a dark gray band in Section 2 (40-42 cm). In Section 6 (87-95.5 cm) there is an interval of white calcareous chalk that is moderately bioturbated throughout, including the upper and lower boundaries. Also in Section 6, there is an abrupt boundary (spanning 96-98.5 cm) between reddish brown clayey calcareous chalk and white calcareous chalk with clay. The 2.5 cm interval (96-98.5 cm) between the reddish brown clay-rich calcareous chalk and the white layer below 98.5 cm is a light greenish gray calcareous ooze which has been disturbed by drilling. There are trace amounts of ash in the reddish brown intervals of Section 6 (0-87, and 95-97 cm). The contact between the red and green intervals (Section 6, 96 cm) is irregular and disturbed by drilling. The contact between the green ooze and white chalk (Section 6, 98.5 cm) is intact but is bioturbated.



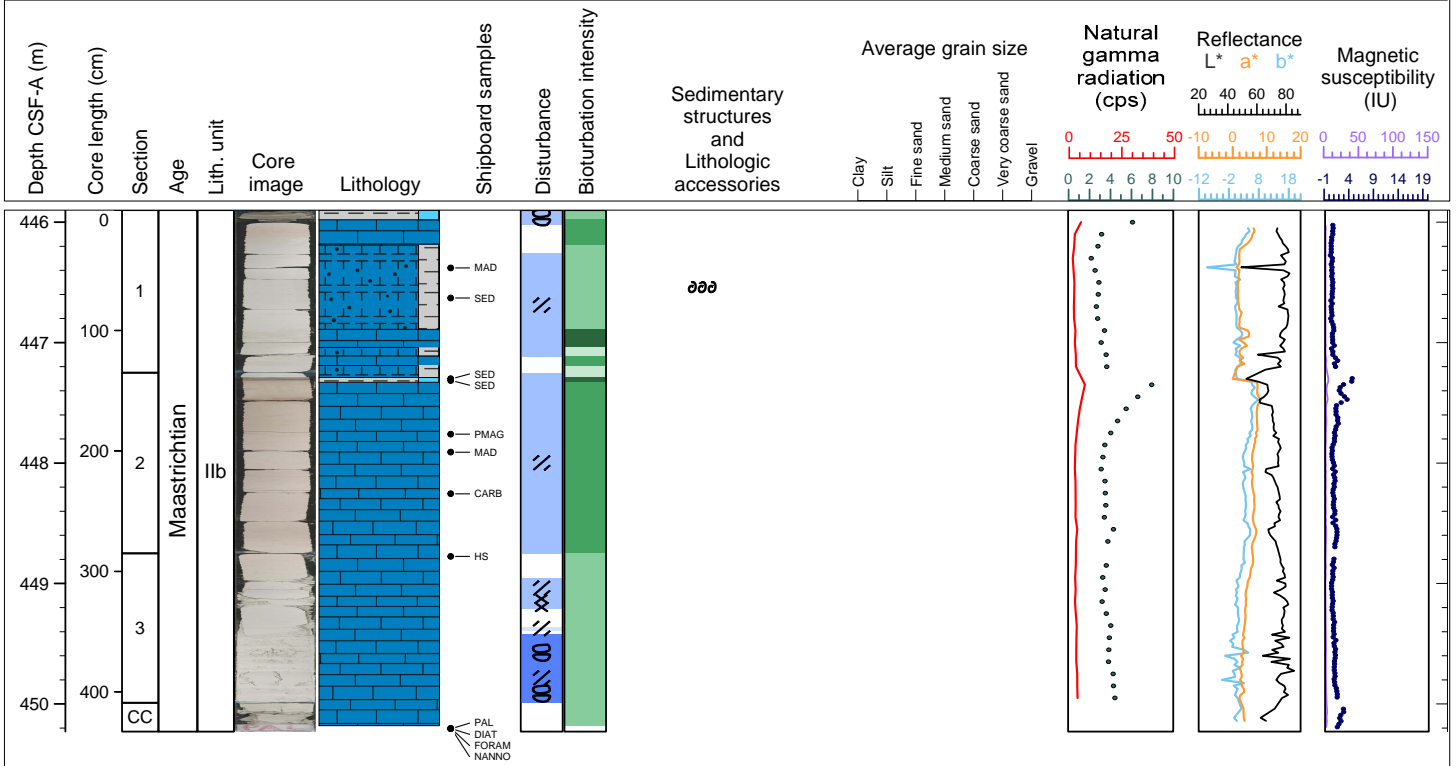
Hole 392-U1579D Core 34R, Interval 436.2-440.19 m (CSF-A)

Core U1579D-34R is predominantly white to light gray and light pinkish red calcareous chalk to nannofossil chalk with clay. In Sections 1 (24-54 cm) and 2 (60-64 cm) there are white infilled burrows that create a mottled appearance. Drilling disturbance ranges from absent, slightly fractured to severely biscuited.



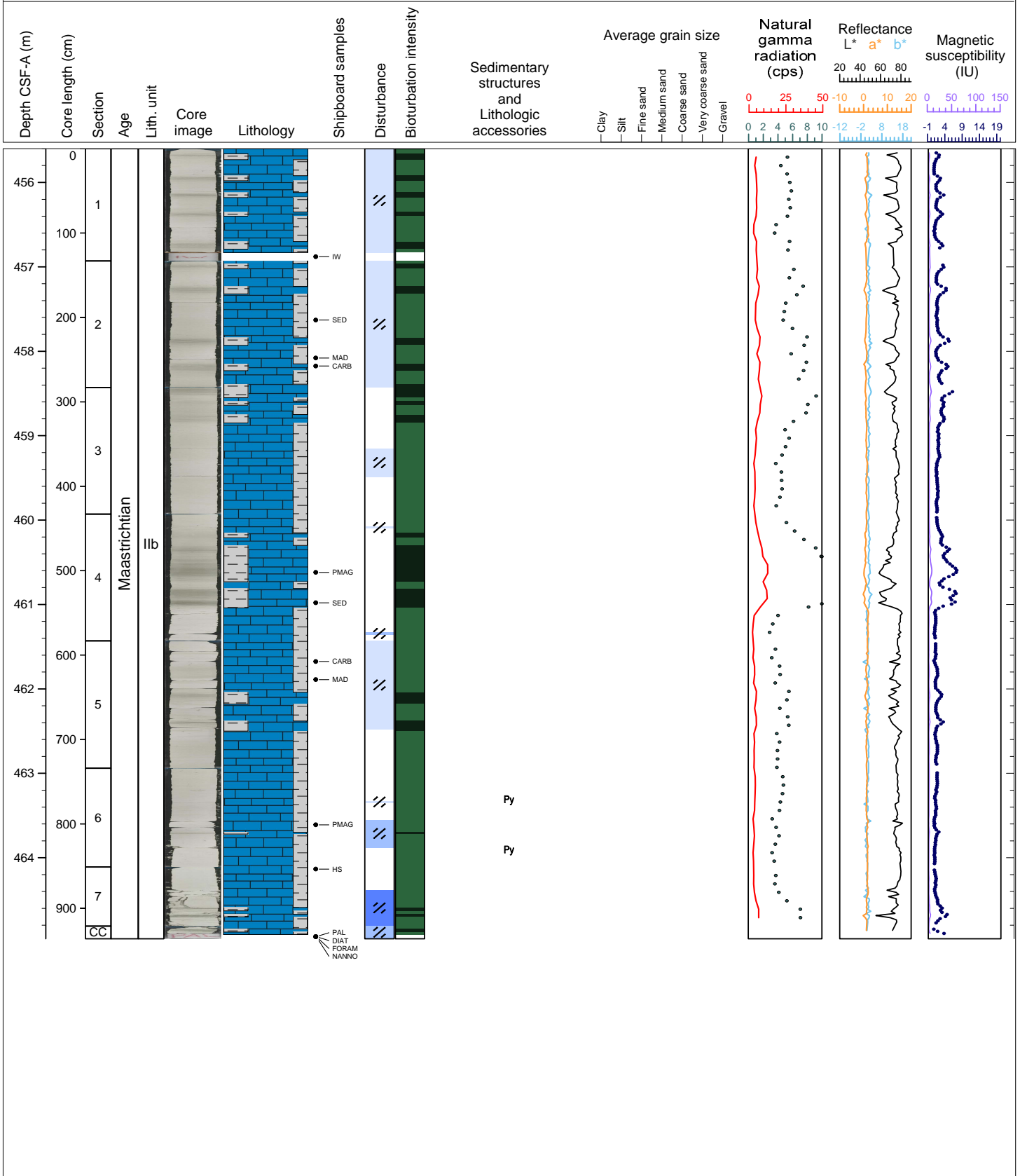
Hole 392-U1579D Core 35R, Interval 445.9-450.23 m (CSF-A)

Core U1579D-35R is predominantly white to light gray and light pinkish red nannofossil chalk to calcareous chalk with a few intervals of clay with nannofossils (intervals noted below). In Section 2 (4-8 cm) there are dark brown and green intervals that are banded by thin (mm-scale) stringers above and below on either side. In Section 2 (21-24 cm) there are thin (1-2 mm) brown clay stringers. There is a green clay layer (~1 cm thick) in Section CC (1-2 cm). Drilling disturbance is variable, ranging from absent to slightly fractured and severely biscuited.



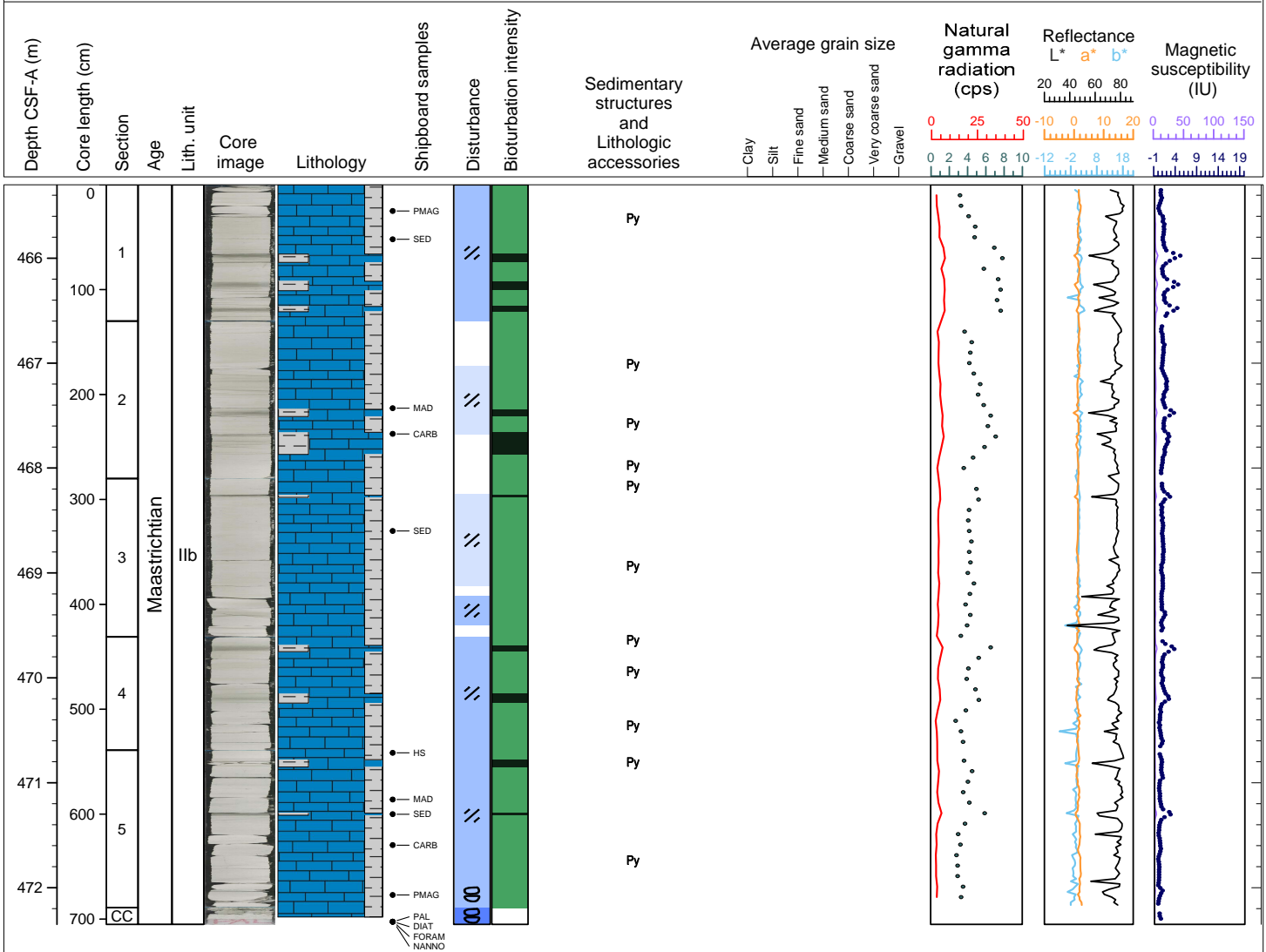
Hole 392-U1579D Core 36R, Interval 455.6-464.96 m (CSF-A)

Core U1579D-36R is predominantly white/light greenish gray calcareous chalk with clay to greenish gray clayey calcareous chalk. The color changes are cyclic throughout the core. The greenish gray bands are made of thin (sub-mm) green stringers, are ~3-10 cm-thick, and occur every ~10-60 cm. In Section 6, 26-27 cm and 84-86 cm are some mottled patches; some are infilled with black pyrite and others with white sediment. Drilling disturbance is minimal, and ranges from absent to moderately fractured.



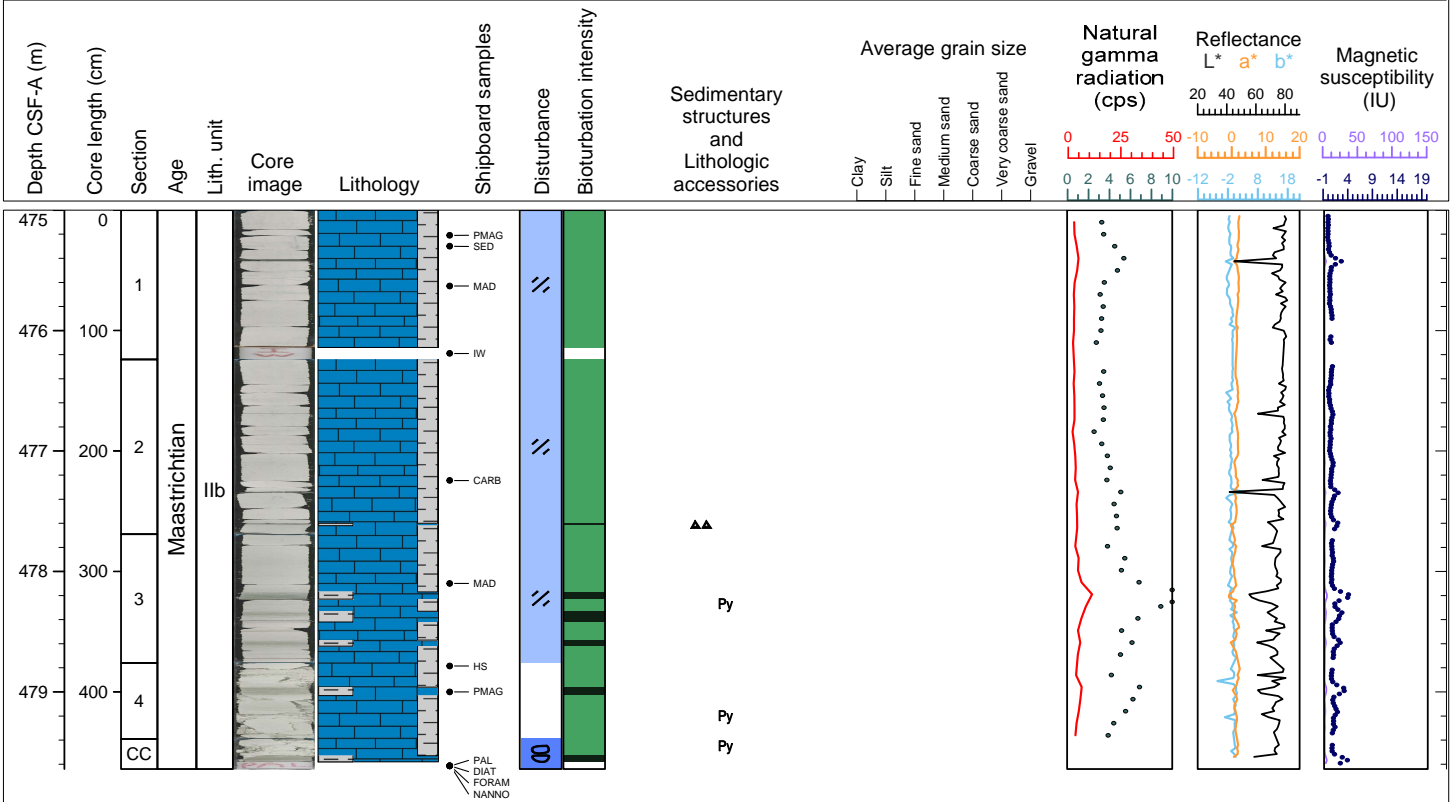
Hole 392-U1579D Core 37R, Interval 465.3-472.35 m (CSF-A)

Core U1579D-37R is predominantly white/light greenish gray calcareous chalk with clay to greenish gray clayey calcareous chalk. The color changes are cyclic throughout the core. The greenish gray bands are made of thin (sub-mm) green stringers, are ~3-10 cm-thick, and occur every ~10-60 cm. Drilling disturbance is minimal and ranges from absent to moderately fractured.



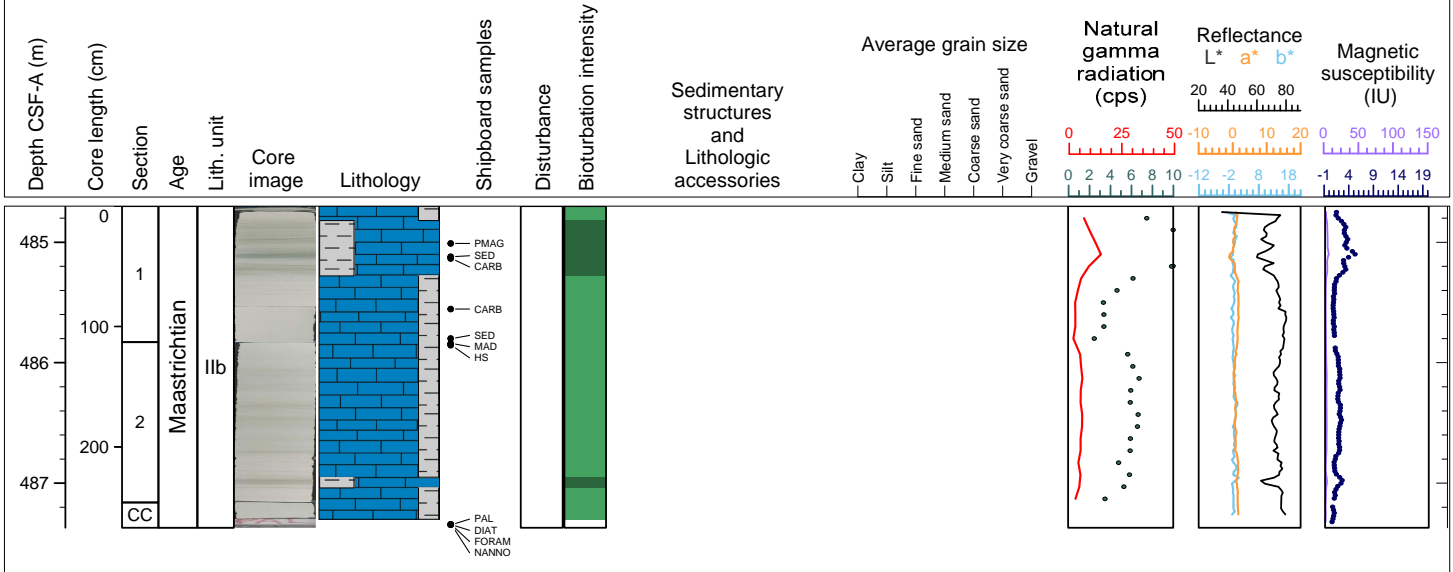
Hole 392-U1579D Core 38R, Interval 475.0-479.64 m (CSF-A)

Core U1579D-38R is predominantly white/light greenish gray calcareous chalk with clay. The white interval in Sections 1 and 2 (0-136 cm) is mottled with gray spots and a few gray infilled burrows and disrupted by dark green bands in Sections 1 (42-43 cm) and 2 (45, 109-111 cm). In Section 2 (136 cm) the light greenish gray to green color cycles repeat throughout Sections 3 through CC. Chert nodules are present in Sections 2 (144-146 cm) and 3 (94-96 cm). Drilling disturbance ranges from absent to severely biscuitied.



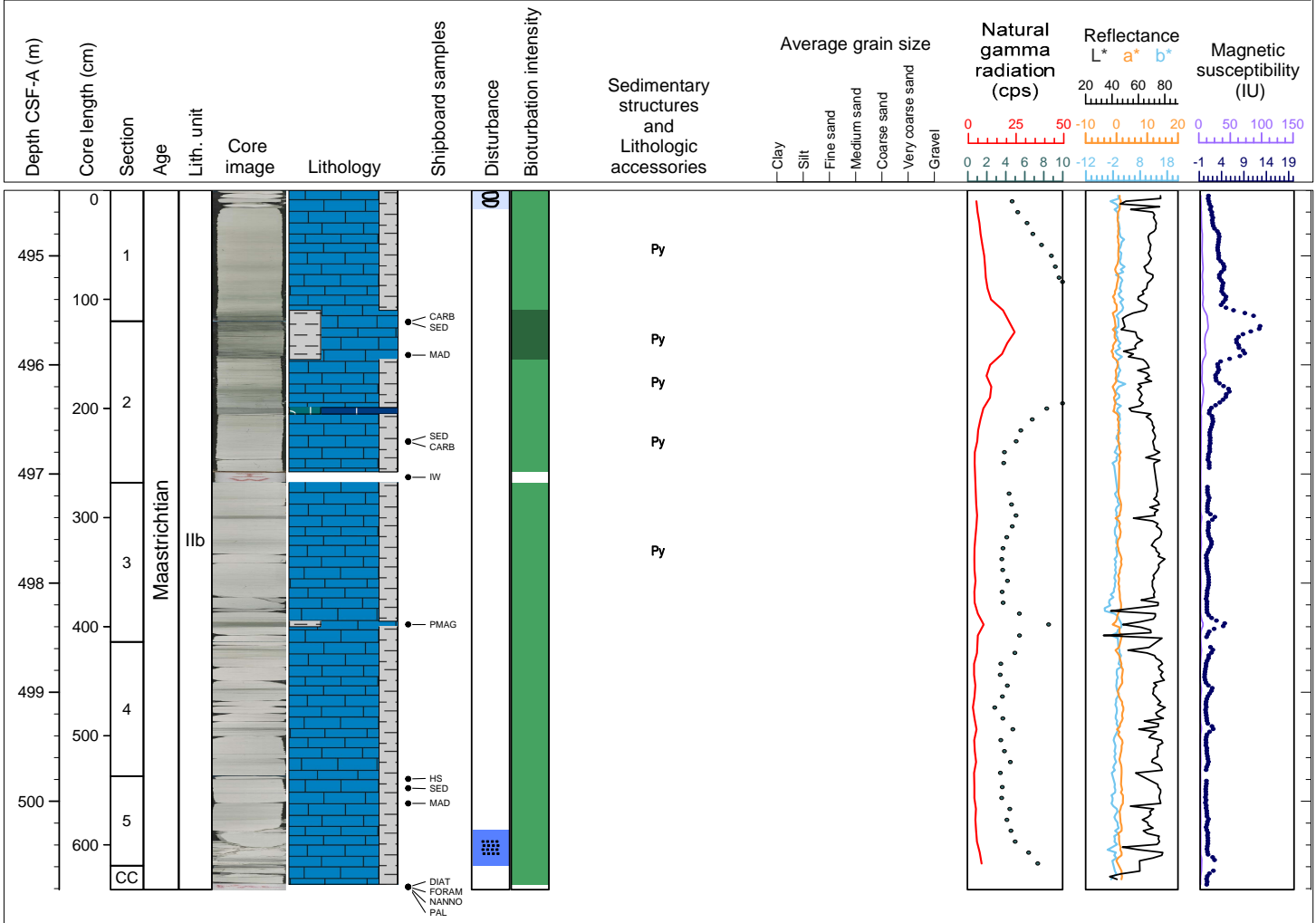
Hole 392-U1579D Core 39R, Interval 484.7-487.37 m (CSF-A)

Core U1579D-39R is predominantly white/light greenish gray calcareous chalk with clay. Most of the sediment is white in color, with prominent intervals of light greenish gray near the top of Section 1 and the bottom of Section 2, which correspond with higher clay content. The core is bioturbated throughout, although the bioturbation is more intense in the light greenish gray intervals.



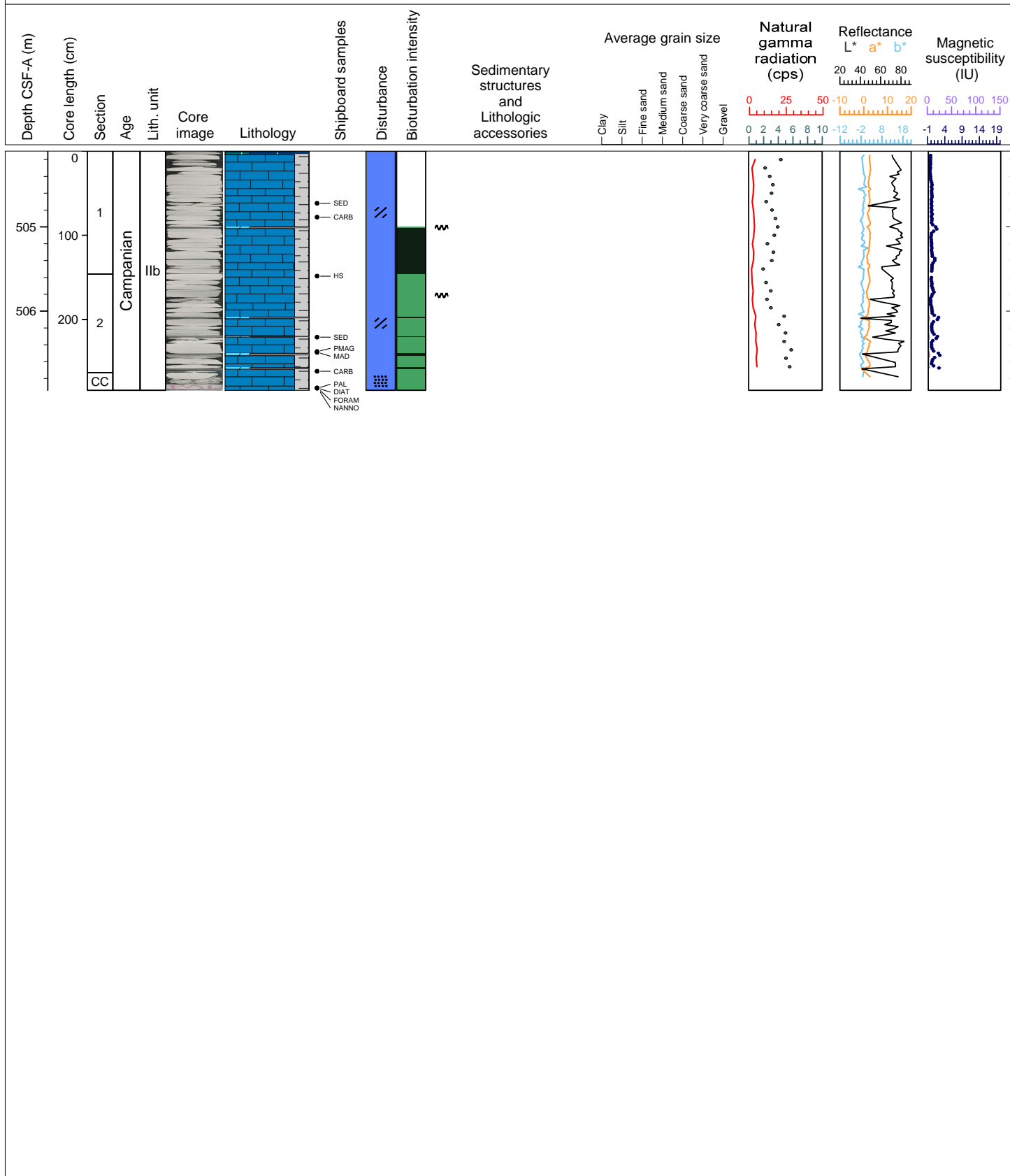
Hole 392-U1579D Core 40R, Interval 494.4-500.81 m (CSF-A)

Core U1579D-40R consists of light greenish gray calcareous chalk with an interval of greenish gray clayey calcareous chalk from the bottom of Section 1 to the top of Section 2. There is a prominent ~5 cm-thick silicified interval at Section 2 at 80 cm. There are greenish gray horizons throughout the core that have a braided appearance. The entire core is moderately to heavily bioturbated, and there is some drilling disturbance in the top of Section 1 and bottom of Section 5.



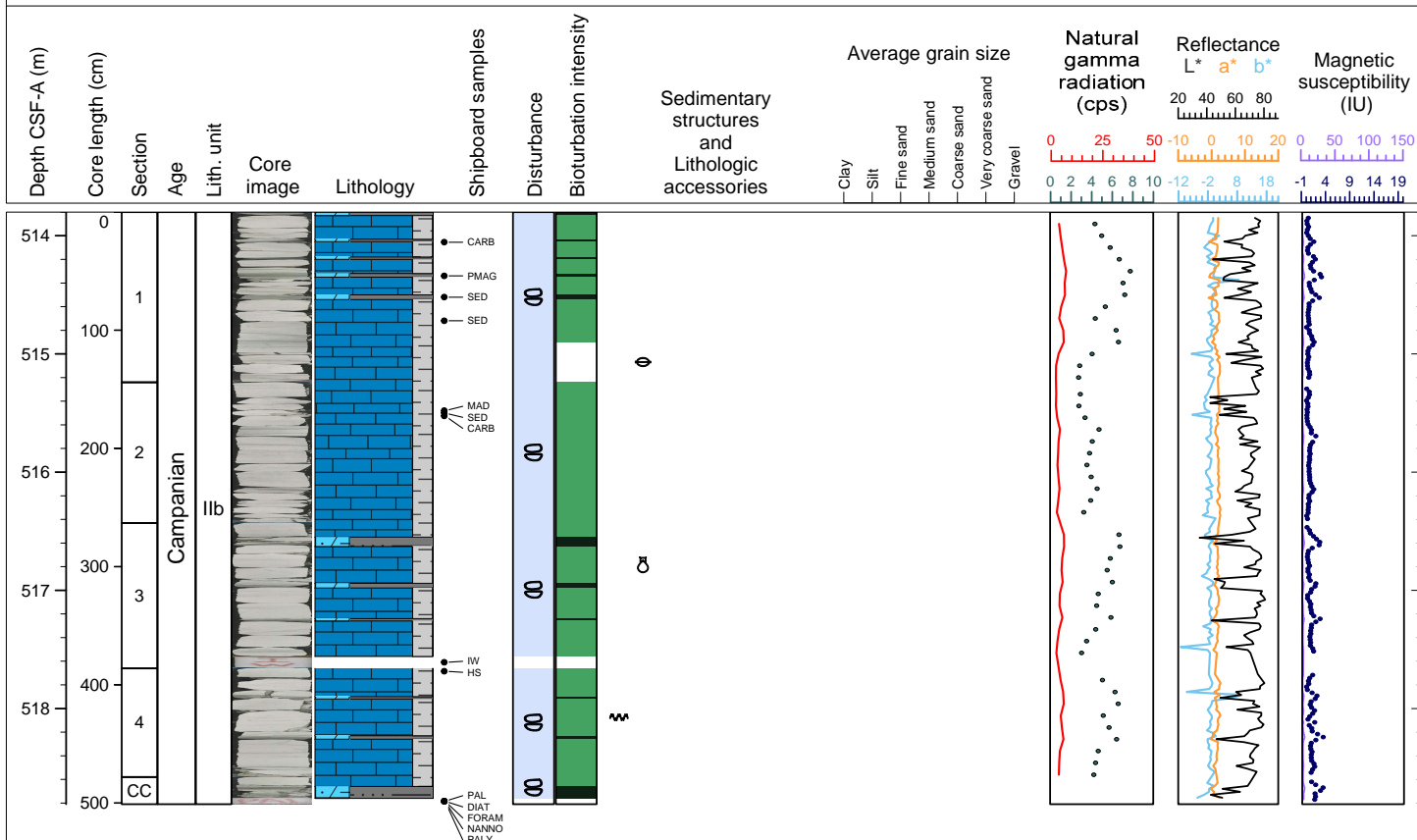
Hole 392-U1579D Core 41R, Interval 504.1-506.94 m (CSF-A)

Core U1579D-41R consists of light greenish gray calcareous chalk with cm-scale layers of dark greenish gray claystone in Sections 1 (91-93 cm), and at ~20 cm intervals in Section 2 (51-53, 73-75, 94-97, and 111-114 cm). A thin (mm-scale) clay-rich layer occurs in Section 2 at 20 cm. There is a prominent ~3 cm-thick silicified interval in Section 1 at 1-3 cm. Claystone layers are fissile and show evidence of intense bioturbation and oval burrows (possibly Planolites) that are infilled with white sediment. The calcareous chalk is moderately to heavily bioturbated. The entire core is severely fractured throughout due to drilling disturbance.



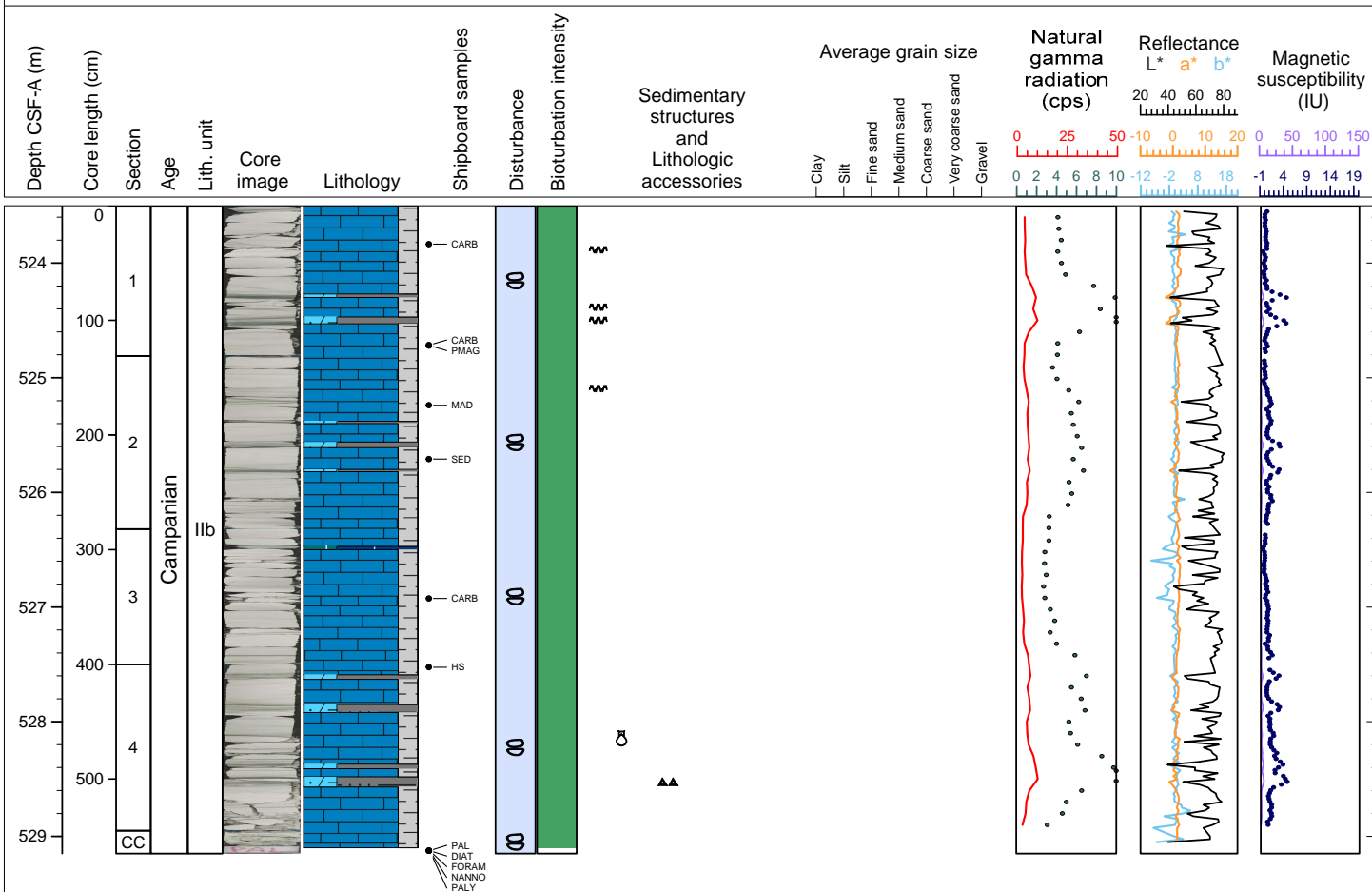
Hole 392-U1579D Core 42R, Interval 513.8-518.81 m (CSF-A)

Core U1579D-42R consists of light greenish gray calcareous limestone with clay, with cm-scale intervals of greenish gray claystone distributed throughout the core repeating at dm-scale. There is a shell fragment (possible inoceramid fragment or prism) in Section 1 from 127-129 cm. Stylolites are observed in Section 4, 27-33 cm. The entire core is moderately to heavily bioturbated and slightly biscuited.



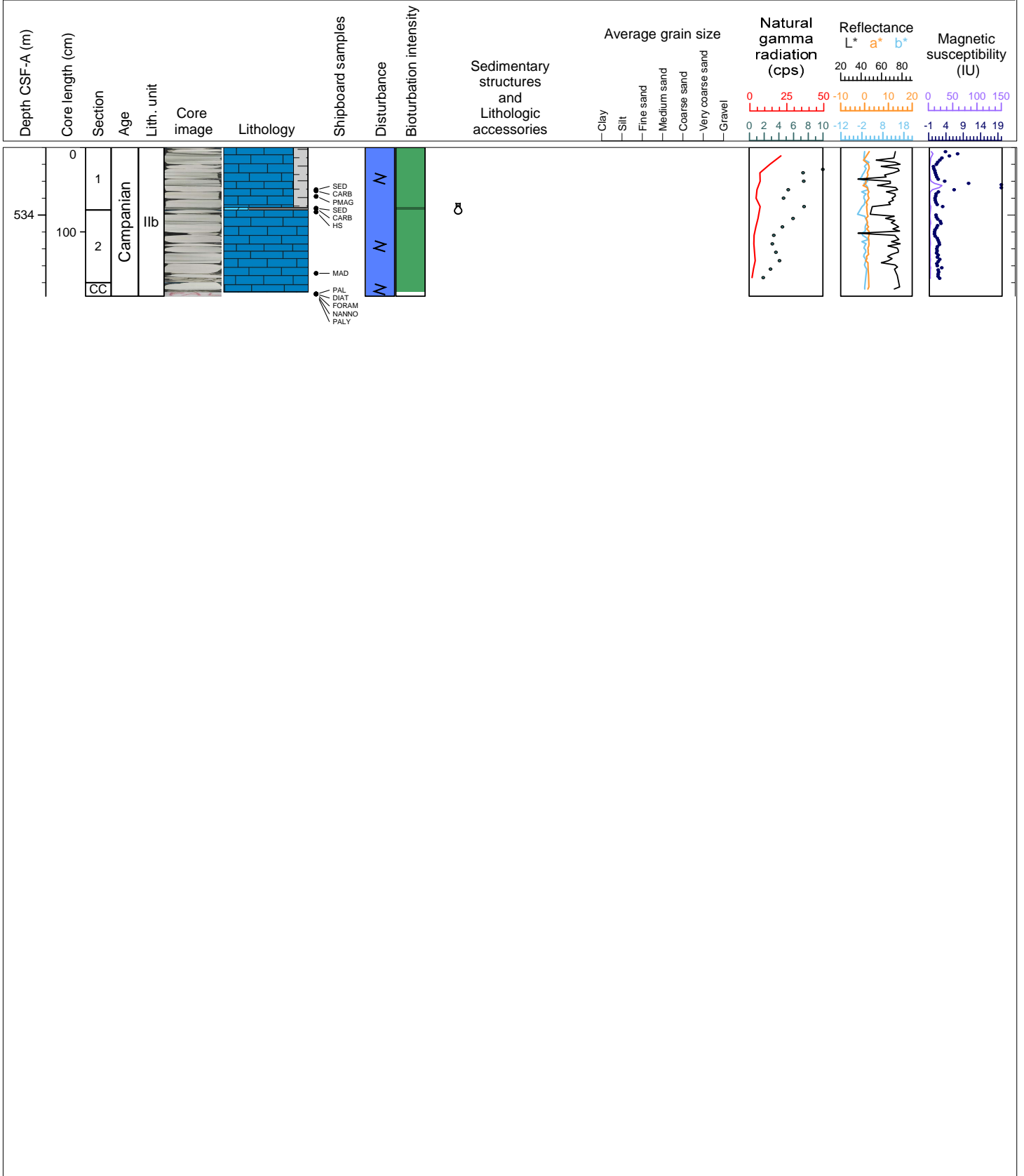
Hole 392-U1579D Core 43R, Interval 523.5-529.15 m (CSF-A)

Core U1579D-43R consists of light greenish gray calcareous chalk with clay that alternates with cm-scale grayish green bands of calcareous claystone at ~20-30 cm intervals. A prominent ~3 cm-thick silicified limestone occurs at the top of Section 3 between 15-18 cm, and a silicified nodule occurs in Section 4 at 105 cm. The entire core is moderately bioturbated and slightly biscuited.



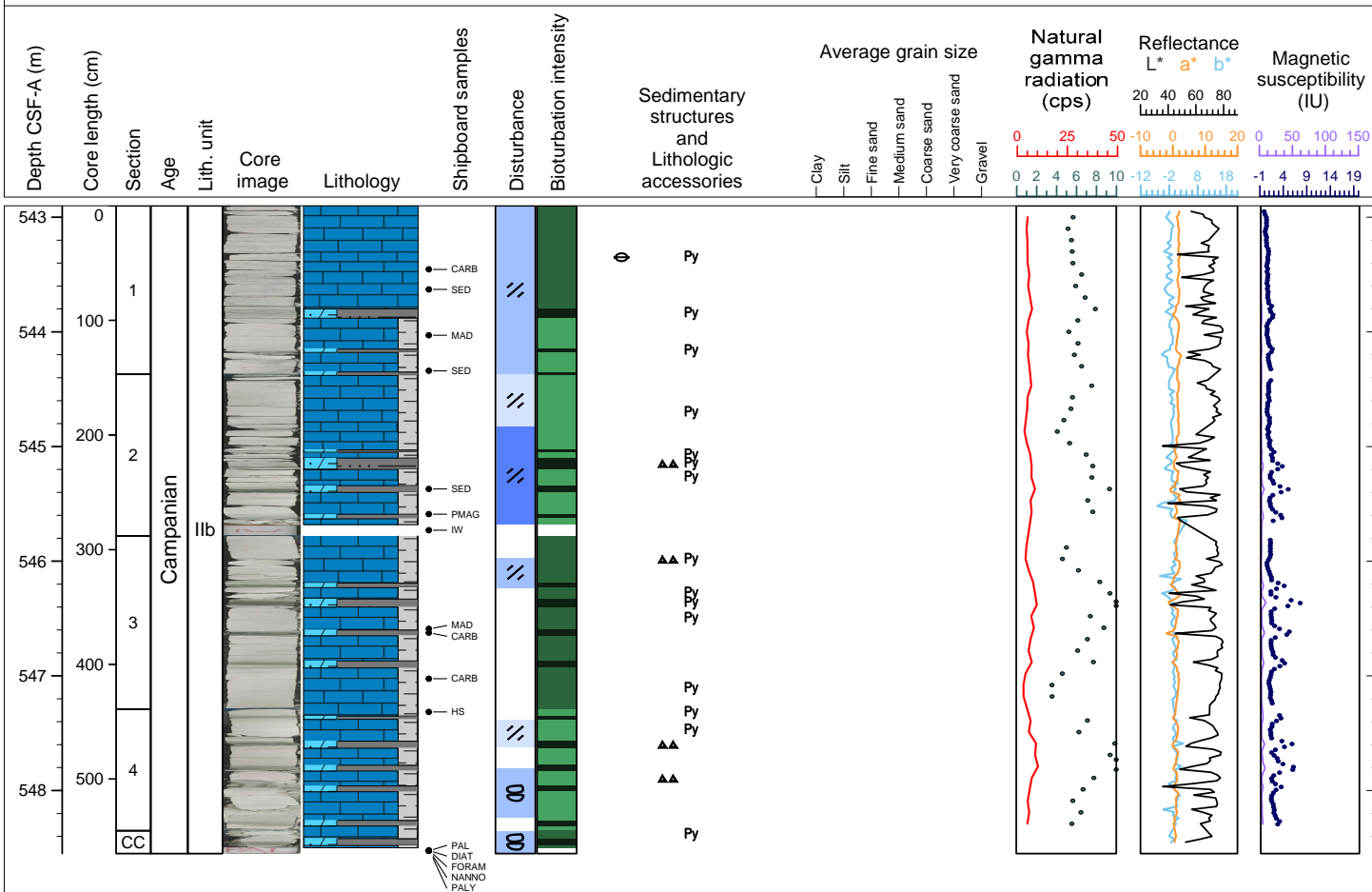
Hole 392-U1579D Core 44R, Interval 533.2-534.96 m (CSF-A)

Core U1579D-44R consists of light greenish gray calcareous chalk that alternates with mm- to cm-scale bands of greenish gray calcareous claystone throughout Sections 1 (10, 14, 33, and 34-46 cm) and 2 (1 and 54-59 cm). There is a 3-cm layer of claystone at the bottom of Section 1 (71-73 cm). There are small bivalve shells in Section 1 (35-36 cm). The chalk is moderately bioturbated, while the claystones are highly bioturbated. The entire core is severely fragmented.



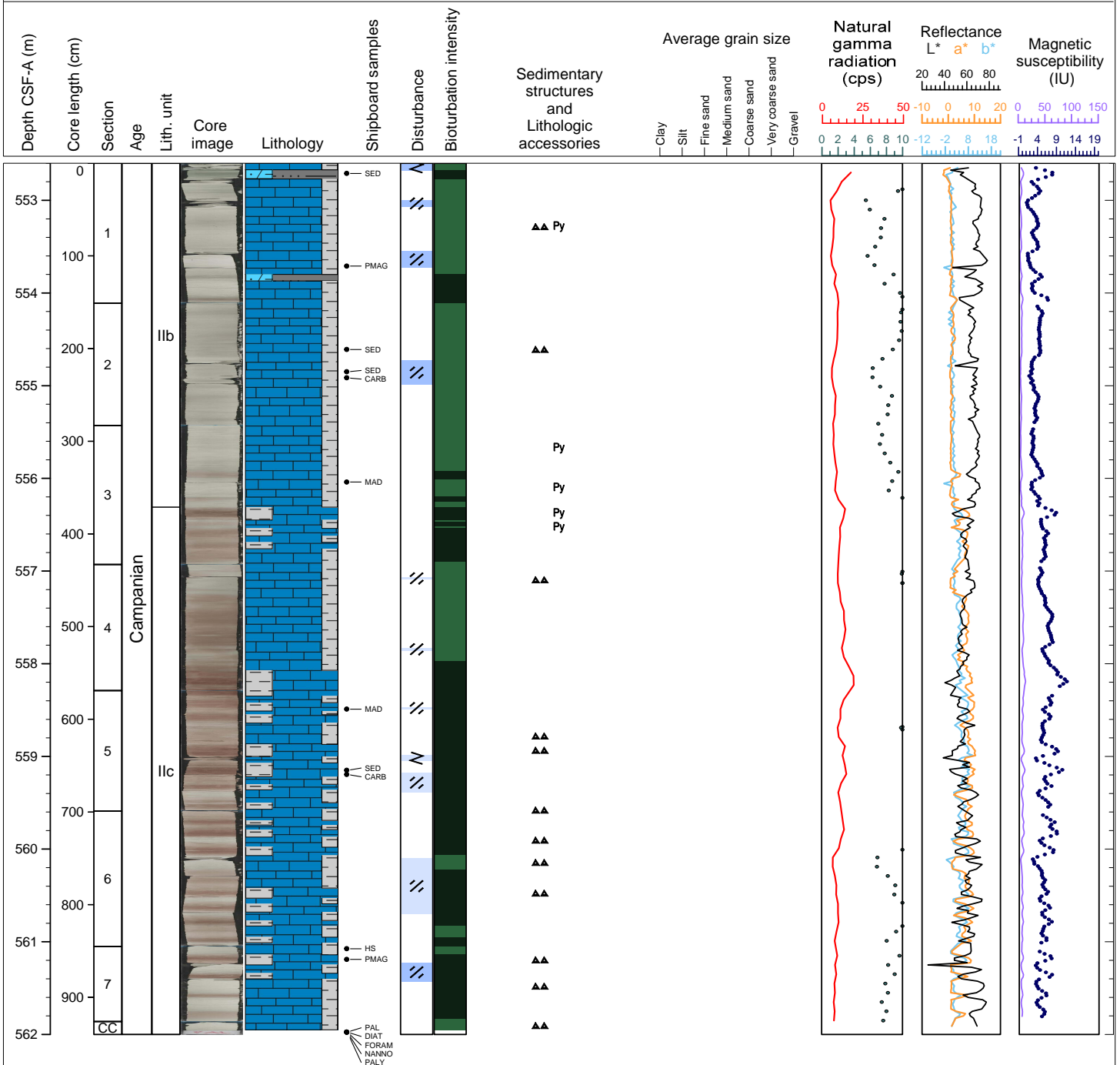
Hole 392-U1579D Core 45R, Interval 542.9-548.55 m (CSF-A)

Core U1579D-45R consists of white to light greenish gray calcareous chalk with clay. There are 2-3 cm-thick bands of green calcareous claystone throughout the core at ~20-30 cm intervals. There are green chert nodules in Sections 3 (38-40 cm) Section 4 (24-27, and 62-66 cm). There are green stylolites in Sections 1 (47, 81, 97, and 142-144 cm) and 2 (37-38 cm). Drilling disturbance ranges from absent to slightly fractured to moderately bisected.



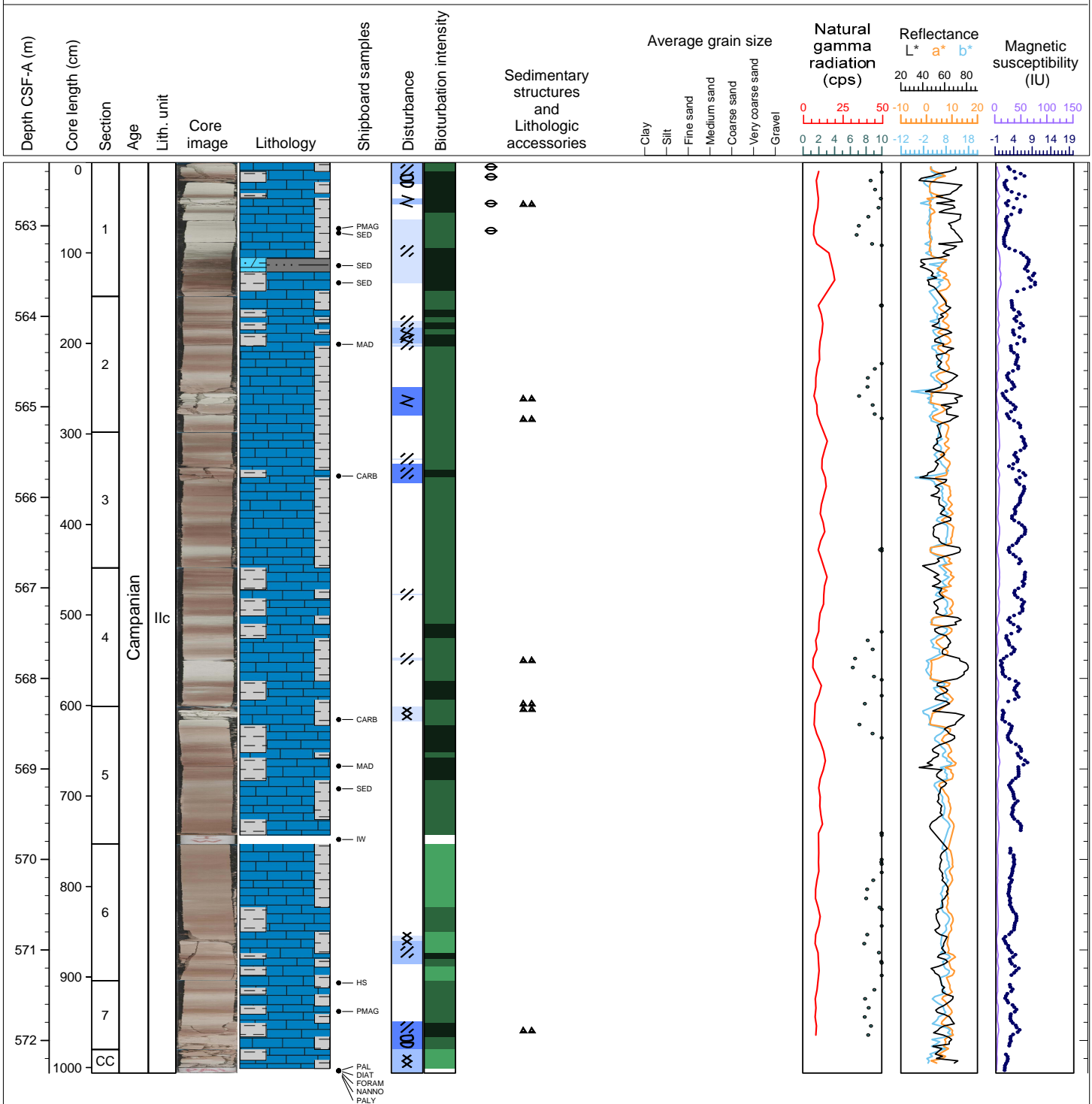
Hole 392-U1579D Core 46R, Interval 552.6-562.0 m (CSF-A)

Core U1579D-46R consists of white to light greenish gray calcareous chalk with clay. There are 2-3 cm-thick bands of green calcareous claystone throughout the core, in all sections at ~20 cm intervals. In Section 1 (143 cm) there is a light greenish calcareous chalk with reddish brown bands. Bioturbation intensity ranges from high to intense throughout the core and a variety of ichnofossils are observed. There are distinct Zoophycos burrows throughout the core, specifically in Section 5 (59-69 cm). There are green chert nodules in Sections 3 (38-40 cm), 4 (24-27, and 62-66 cm), 5 (53-54, 70-72, 128-129 cm), 6 (50-55, 93-94, 142-145 cm), 7 (18-20, and 35-37 cm), and CC (0-1 cm). There are irregularly shaped green stylolites of cm-scale thickness in Sections 1 (47, 81, 97, 142-144 cm) and 2 (37-38 cm). Drilling disturbance ranges from absent to slightly fractured and moderately fragmented.



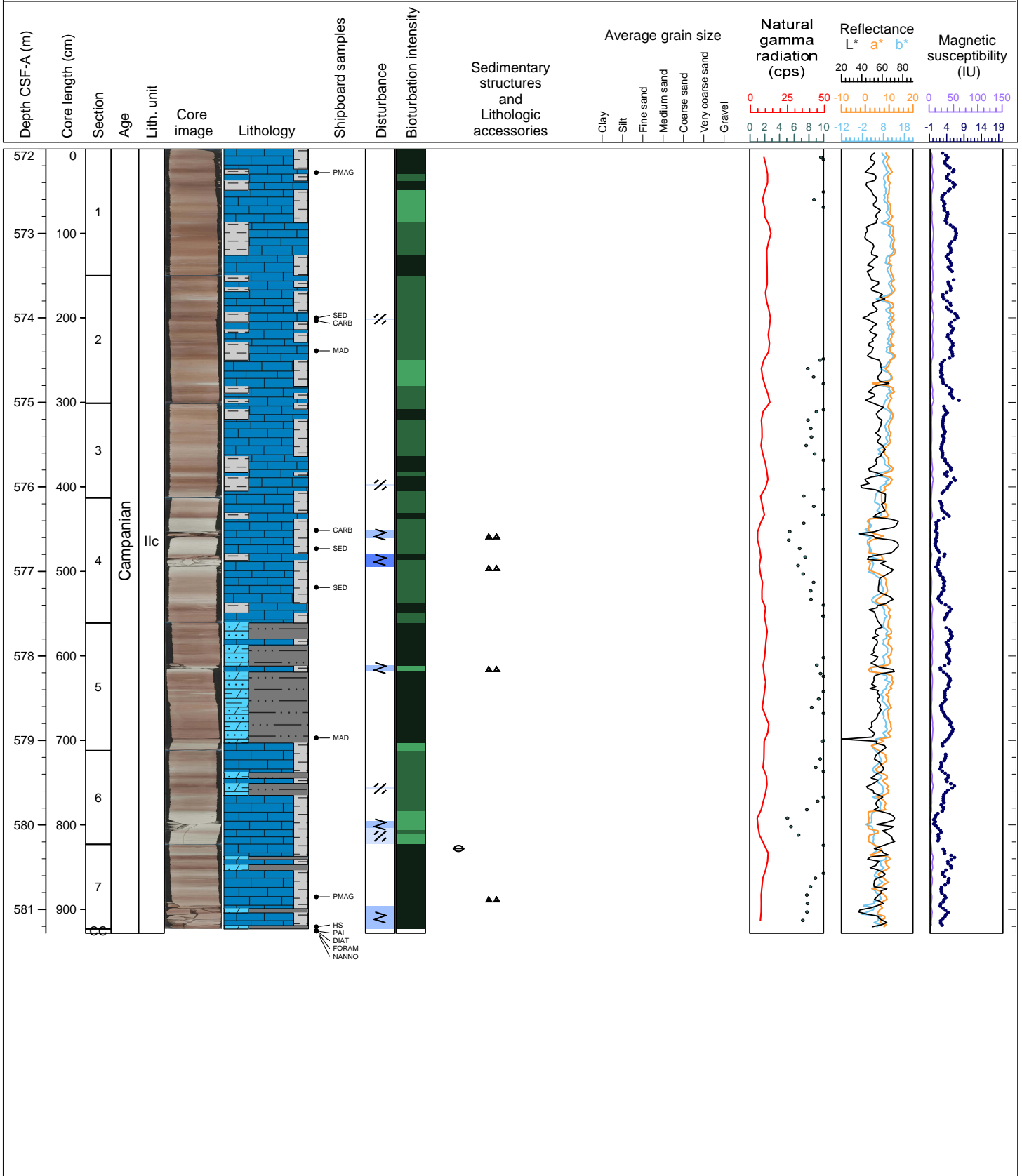
Hole 392-U1579D Core 47R, Interval 562.3-572.36 m (CSF-A)

Core U1579D-47R consists of white to light greenish gray calcareous chalk with clay and light to dark brown calcareous claystone and calcareous chalk with clay. There are green or brown silicified (chert) nodules in Section 1 (20-22 and 41 cm), Section 2 (104-107, 129-131 cm), Section 4 (101-103 cm), Section 5 (4-6 cm), and Section 7 (59-60 cm). There are inoceramid (bivalve) fragments and prisms in Section 1 (0-6, 19-22, 46-49 cm: most intact, and 83-95 cm). Bioturbation intensity ranges from moderate to intense throughout the core and there are a variety of types of burrow traces observed.



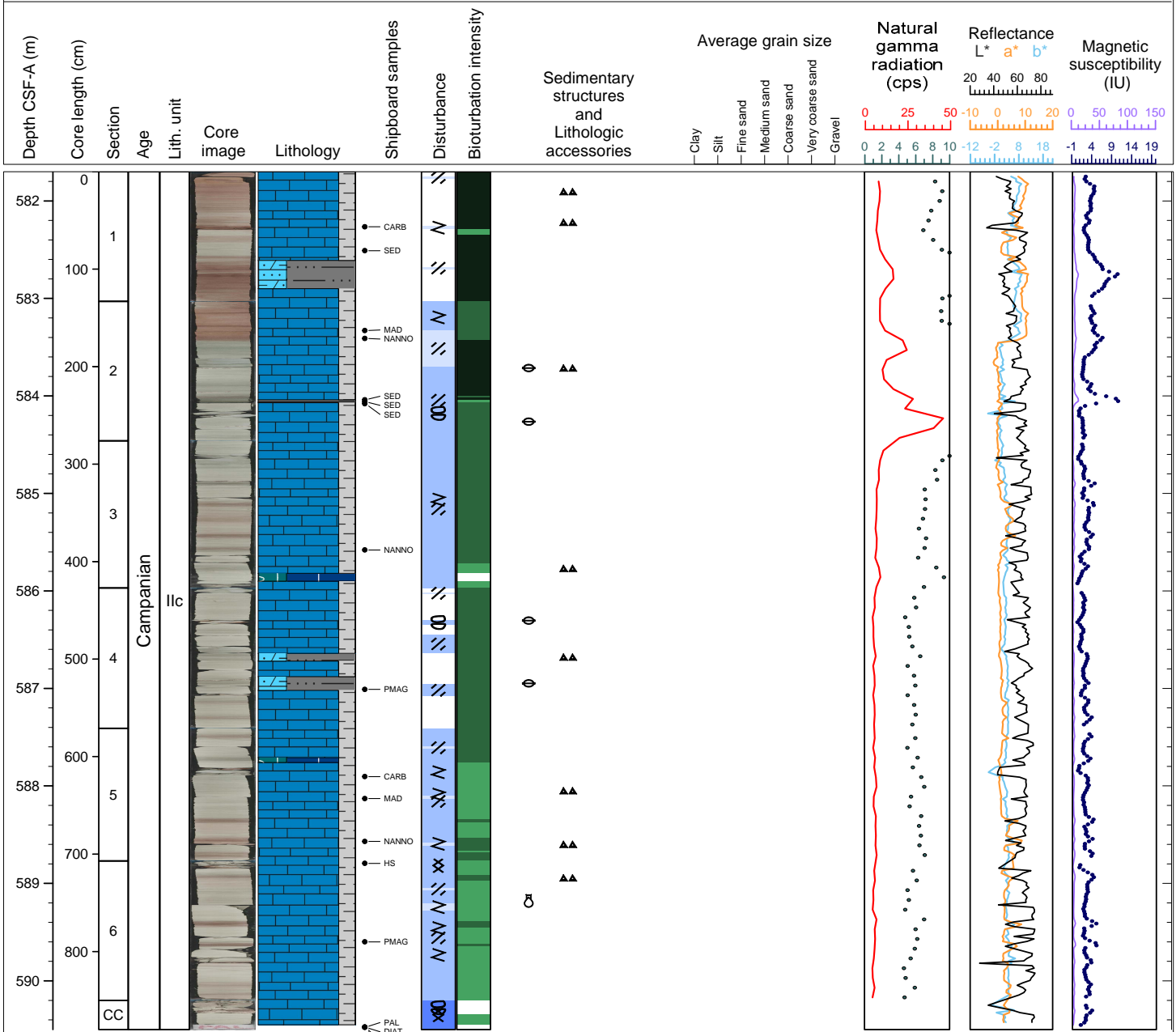
Hole 392-U1579D Core 48R, Interval 572.0-581.28 m (CSF-A)

Core U1579D-48R consists of white to light greenish gray calcareous chalk with clay and light to dark brown clayey calcareous chalk and calcareous claystone. There are green or brown silicified (chert) nodules in Sections 4 (42-47 and 71-73 cm), 5 (52-55 cm) and 7 (72-75 cm). There is an inoceramid (bivalve) fragment in Section 7 (3-6 cm). Bioturbation intensity ranges from moderate to intense. Drilling disturbance ranges from absent to slightly fractured to moderately brecciated.



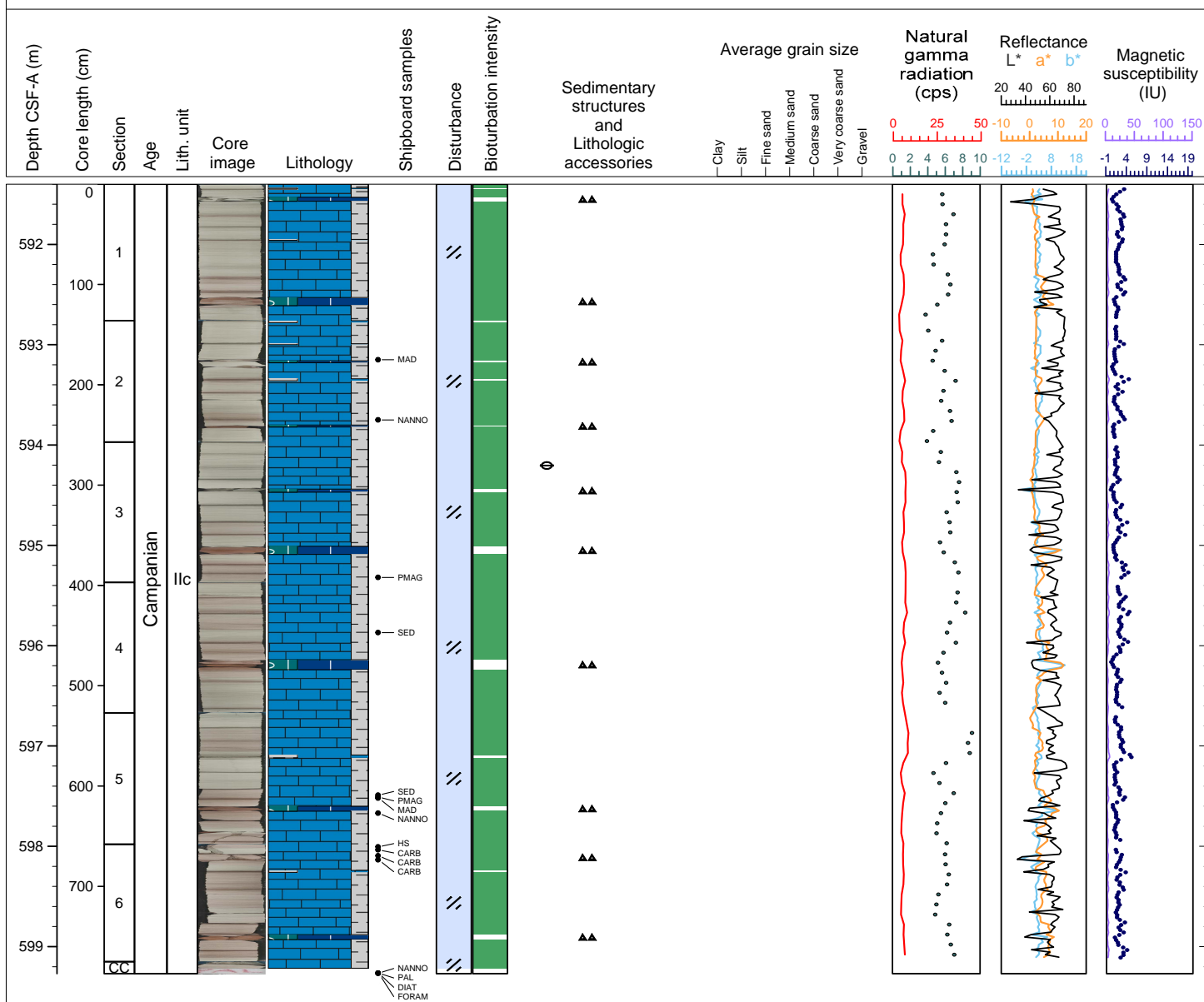
Hole 392-U1579D Core 49R, Interval 581.7-590.5 m (CSF-A)

Core U1579D-49R consists of light greenish gray calcareous chalk with clay and 1-3 cm-thick intervals of light to dark brown clayey calcareous chalk and calcareous claystone occurring quasi-regularly at ~20 cm intervals. There are green or brown silicified (chert) nodules in Sections 1 (7-11, 56-59 cm), 2 (58-65 cm), 3 (59-60, 116-117, and 123-125 cm), 4 (1-6, 33-38, 59-66, and 108-110 cm), 5 (41-49, and 117-120 cm), and 6 (4-10, and 78-80 cm). There are poorly preserved inoceramid (bivalve) fragments in Sections 1 (68-70, and 128-129 cm), 3 (41-43 cm), and 4 (10-15 [prisms], 34-35, 48-49, and 93-95 cm). Bioturbation intensity ranges from moderate to intense. Drilling disturbance ranges from absent to slightly fractured and moderately bisected.



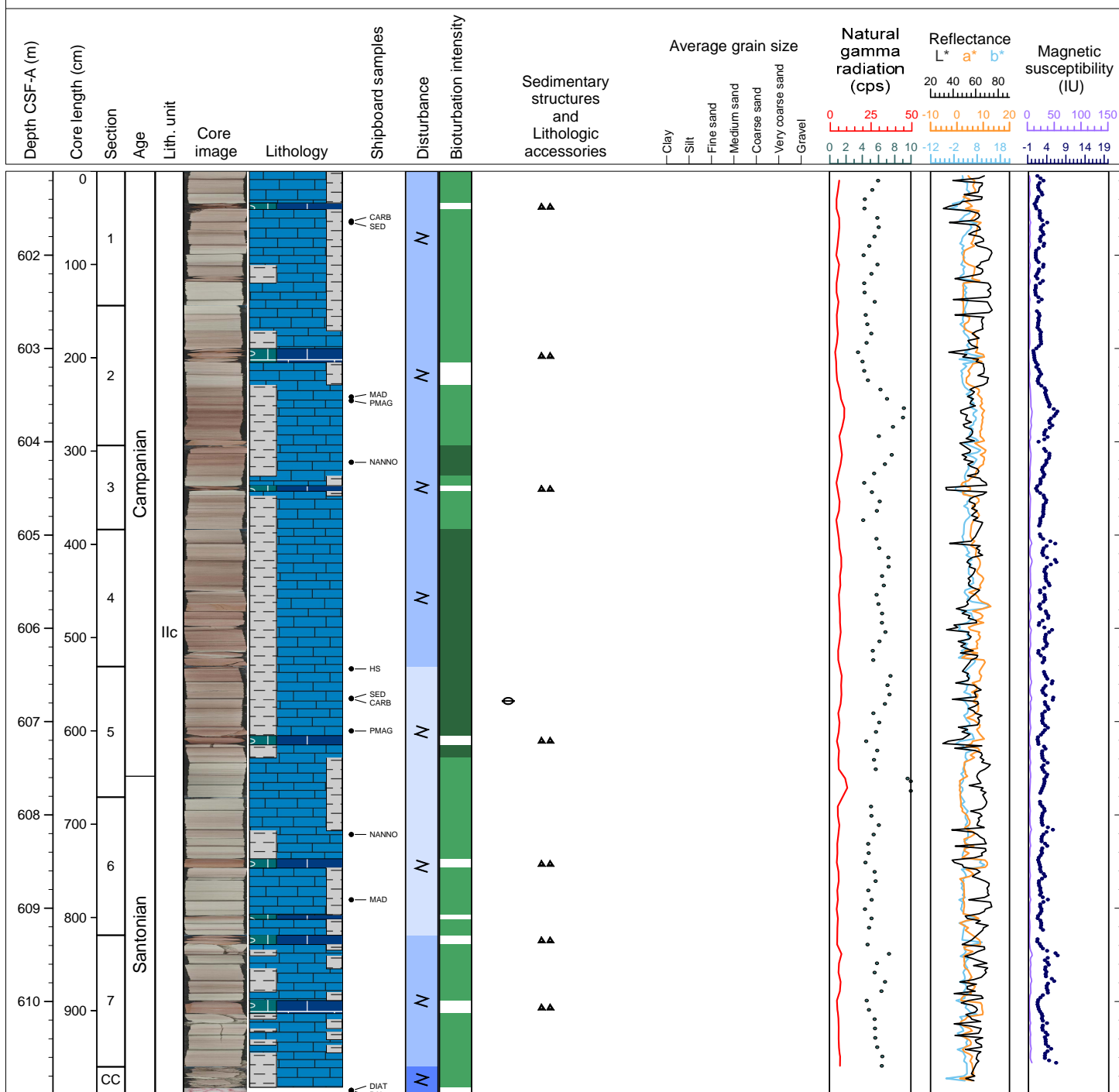
Hole 392-U1579D Core 50R, Interval 591.4-599.27 m (CSF-A)

Core U1579D-50R consists of light greenish gray calcareous chalk interbedded with cm-scale beds of brown clayey calcareous chalk. There are ~5 cm-scale silicified (chert) intervals which are either gray or reddish brown and are spaced about every meter throughout the core. The brown clayey calcareous chalk intervals are spaced at decimeter-scale throughout the core. Bioturbation is moderate in the calcareous chalk and is not apparent in the clayey intervals. The entire core is slightly fragmented by drilling disturbance.



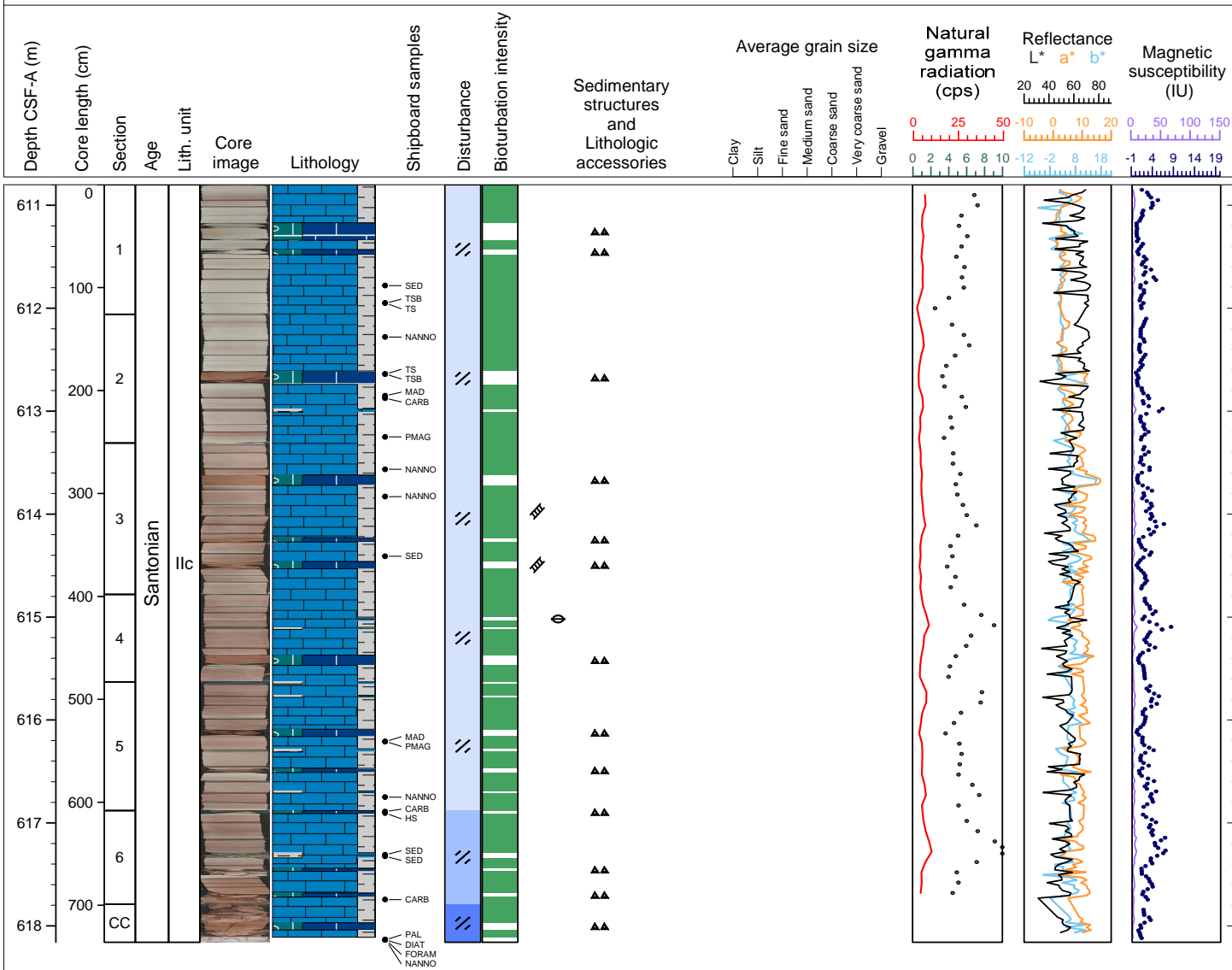
Hole 392-U1579D Core 51R, Interval 601.1-610.98 m (CSF-A)

Core U1579D-51R consists of alternating layers of light greenish gray calcareous chalk with clay and light to dark brown clayey calcareous chalk. There are 5-15 cm intervals of reddish silicified limestone (chert) in Sections 1, 2, 3, 5, 6, and 7. Several dark reddish green or dark green clay-rich bands (sub-cm up to 4 cm thickness) occur throughout the core at roughly 20 cm intervals. Large fragments of inoceramid (bivalve) fossils are present in Section 5 (6 and 25 cm). Bioturbation intensity ranges from moderate to high. A calcite filled fracture is present in Section 3 at 137 cm. The core is slightly fragmented due to drilling.



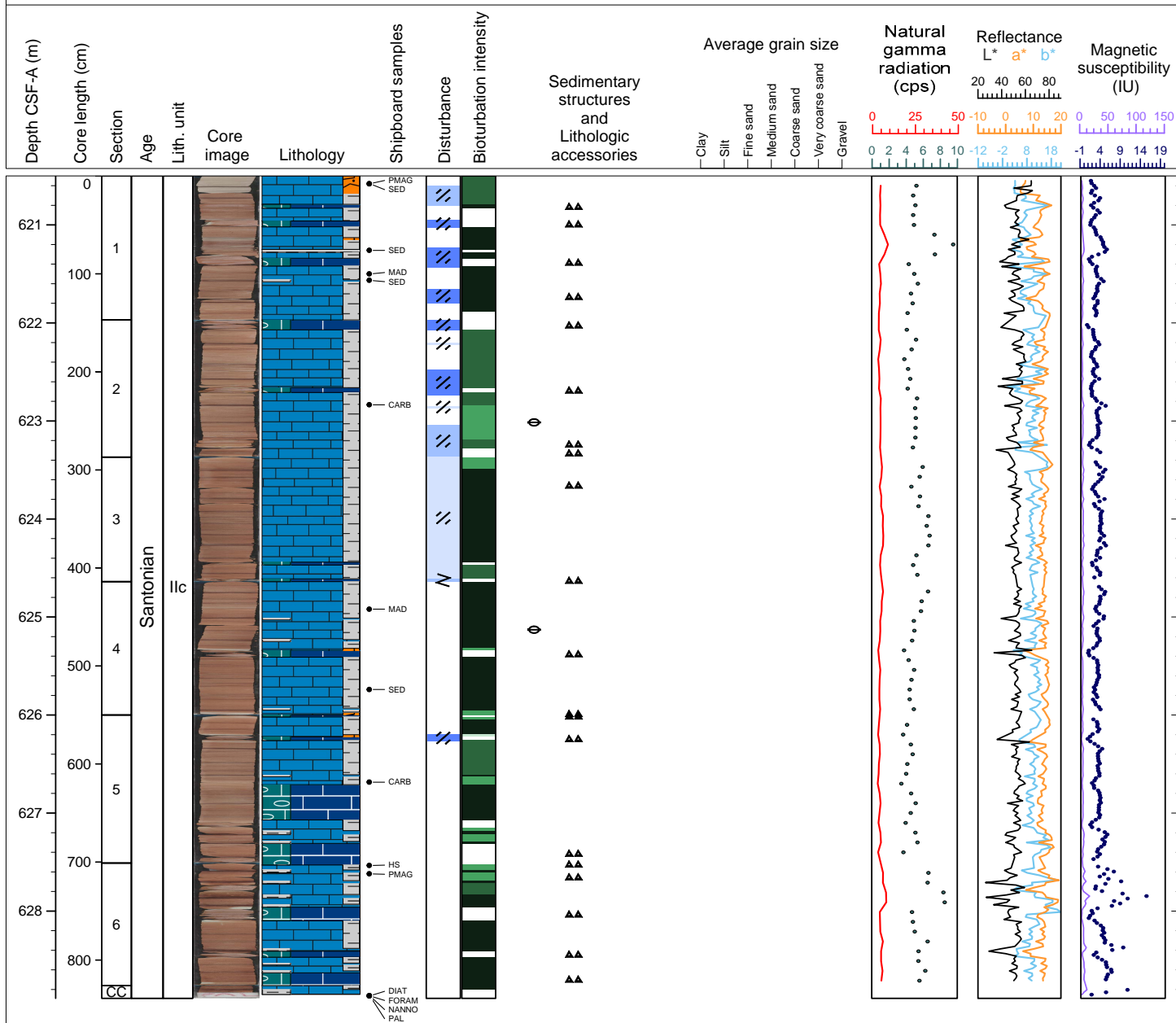
Hole 392-U1579D Core 52R, Interval 610.8-618.16 m (CSF-A)

Core U1579D-52R consists of light greenish gray and pale red calcareous chalk interbedded with cm-scale beds of brown clayey calcareous chalk. There are ~5 cm-scale silicified (chert) intervals that are either gray or reddish brown. The brown clayey intervals occur about every 10-20 cm throughout the core, while the silicified intervals are present about every meter. Inoceramid (bivalve) fragments are present in Section 4 (22-26 cm), and calcite veins occur within Section 3 (88 and 120 cm). Bioturbation is moderate in the calcareous chalk, but not apparent in the clayey intervals. The entire core is slightly fragmented by drilling.



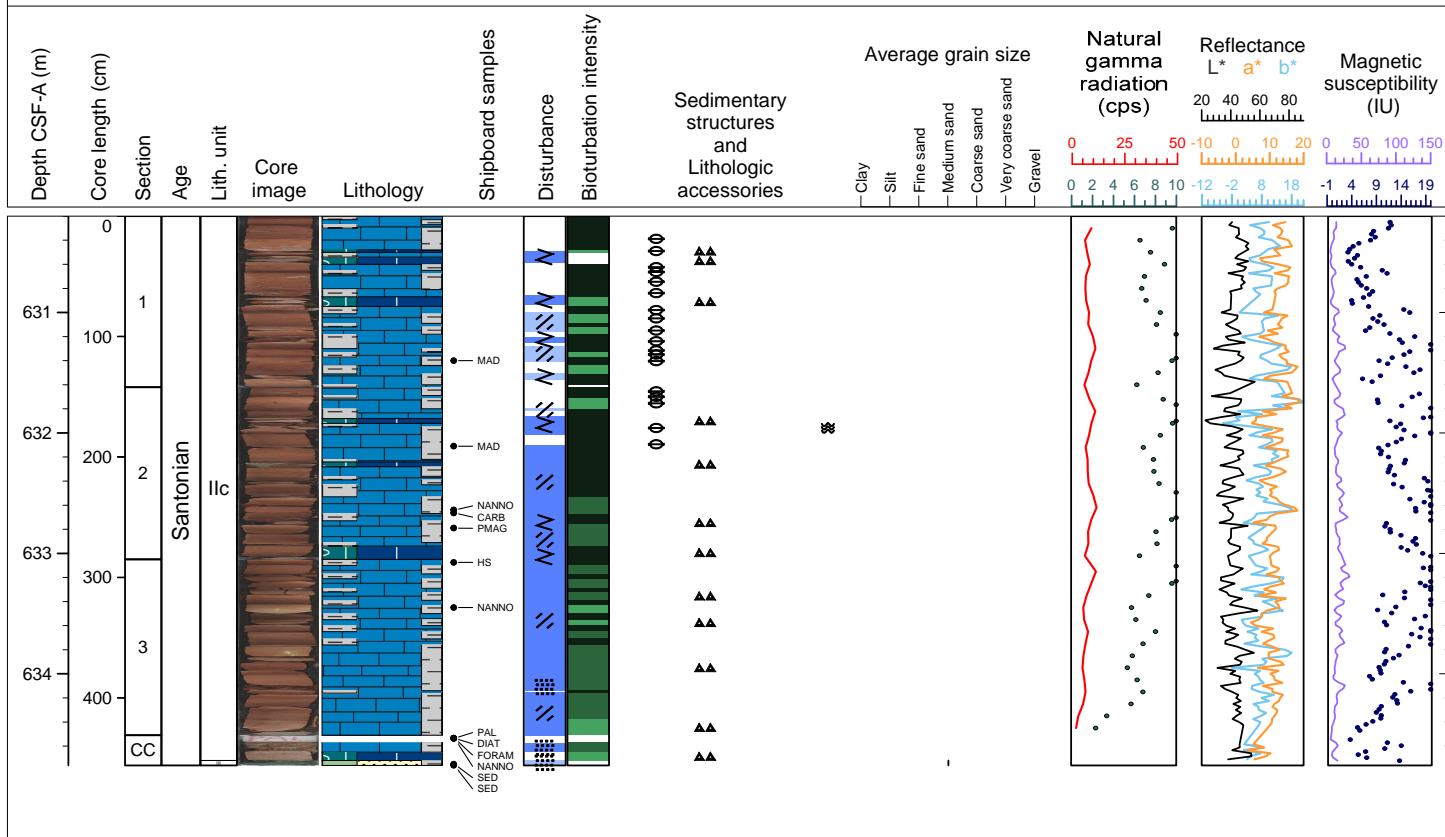
Hole 392-U1579D Core 53R, Interval 620.5-628.89 m (CSF-A)

Core U1579D-53R consists of light reddish brown to reddish brown calcareous chalk with clay. There are intervening layers of light greenish gray to pinkish white calcareous chalk with lithics and dark brown clayey calcareous chalk. There is one interval in Section 1 (75-78 cm) that is clay. Dark brown beds of clayey calcareous chalk are spaced at cm-scale interval whereas the silicified limestone beds are spaced at approximately meter-scale throughout the core. There are green or brown silicified limestone (chert) intervals in Sections 1 (29-33, 45-52, 82-91, and 125-127 cm), 2 (0-10, 69-74, 121-130 cm), 3 (31-32, 48-49, 107-109, and 124-127 cm), 4 (70-77 and 134-135 cm), 5 (0-2, 33-38, 110-115, and 145-150 cm), and 6 (0-1, 23-30, 47-59, 91-96 and 121-124 cm). In Section 2 (122-131 cm), there is a light colored concretionary nodule inside the silicified limestone/chert interval. There are poorly preserved inoceramid (bivalve) fragments in Sections 2 (14-119 cm) and 4 (37-39 cm). Bioturbation intensity ranges from moderate to intense. Drilling disturbance ranges from absent to slightly fractured to moderately fragmented.



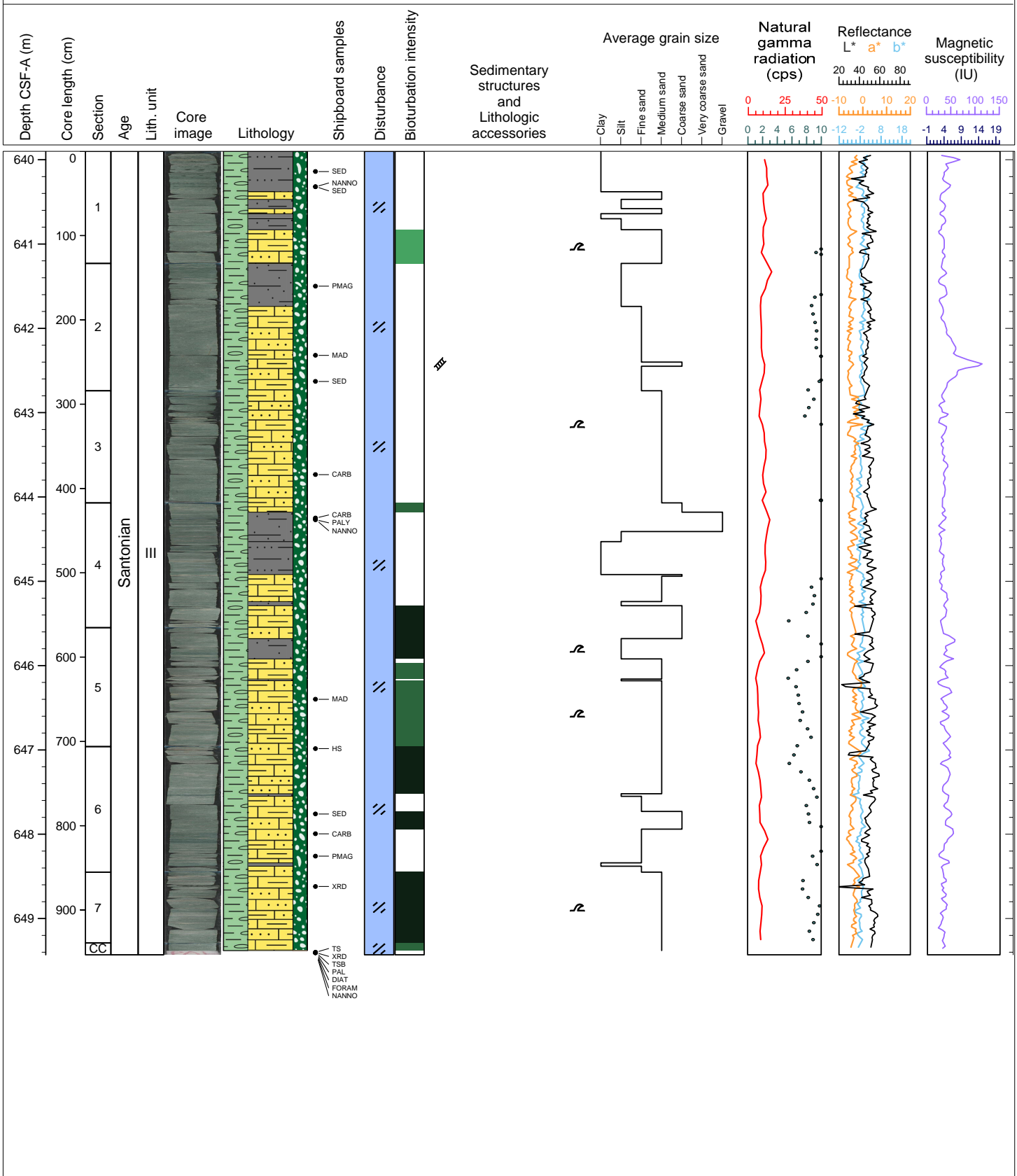
Hole 392-U1579D Core 54R, Interval 630.2-634.76 m (CSF-A)

Core U1579D-54R consists of light reddish brown to reddish brown calcareous chalk with clay alternating with dark brown clayey calcareous chalk. The entire core appears reddish except one narrow interval in Section CC (21-25 cm) which is glauconitic sand with clay. There are 2-4 cm-thick dark brown beds of clayey calcareous chalk that are evenly spaced at cm-scale intervals throughout the core. There are green or brown silicified (chert) limestone intervals or nodules in Sections 1 (12-29, 40-85, 68-75, 93-95 and 134-137 cm), 2 (26-29, 62-65, 78-81, 111-115, 140-143 cm), 3 (0-2, 29-30, 52-55, 140-143 cm), and CC (14-21 cm). There are poorly preserved inoceramid (bivalve) fragments in Sections 1 (14-29, 40-85, 92-101, 110-123 cm) and 2 (0-17, 34-37, 57-71 cm). Bioturbation intensity ranges from moderate to high in light reddish intervals to intense in dark brown intervals. Drilling disturbance ranges from moderate to severe (fractured, fragmented, pulverized).



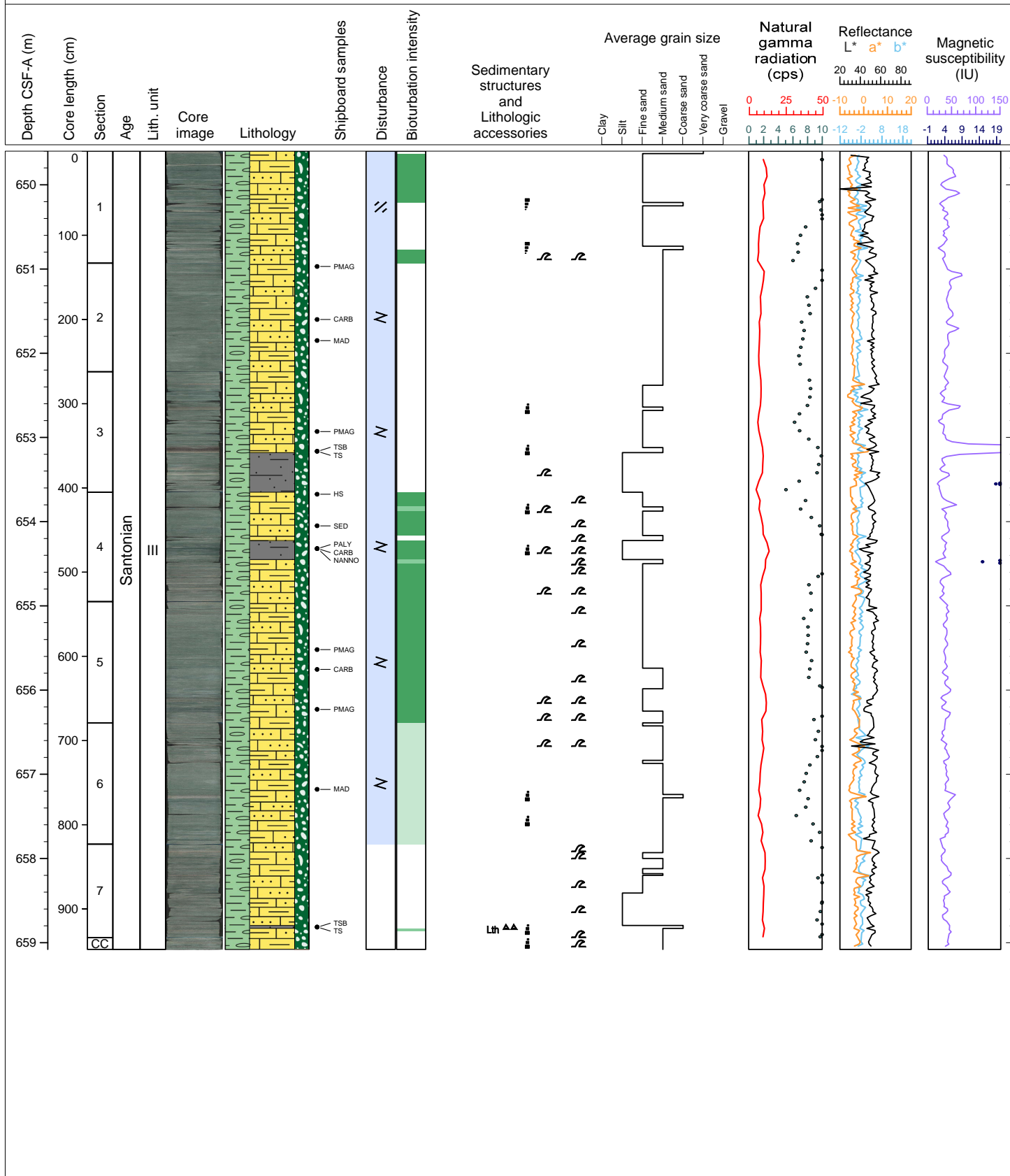
Hole 392-U1579D Core 55R, Interval 639.9-649.43 m (CSF-A)

Core U1579D-55R consists of grayish green to green zeolitic sandstones, claystones and siltstones with glauconite that are moderately to intensely bioturbated. Bedding ranges from massive to laminated with cm-scale layers of a different grain sizes and colors (usually yellowish gray to tan). Dark blackish green patches of glauconite occur in the top 10 cm of the core. Soft-sediment deformation structures are common throughout the core and include flame structures, loading structures, and reworking in the form of rip up clasts that are different colors. The entire core is moderately fractured or slightly fragmented.



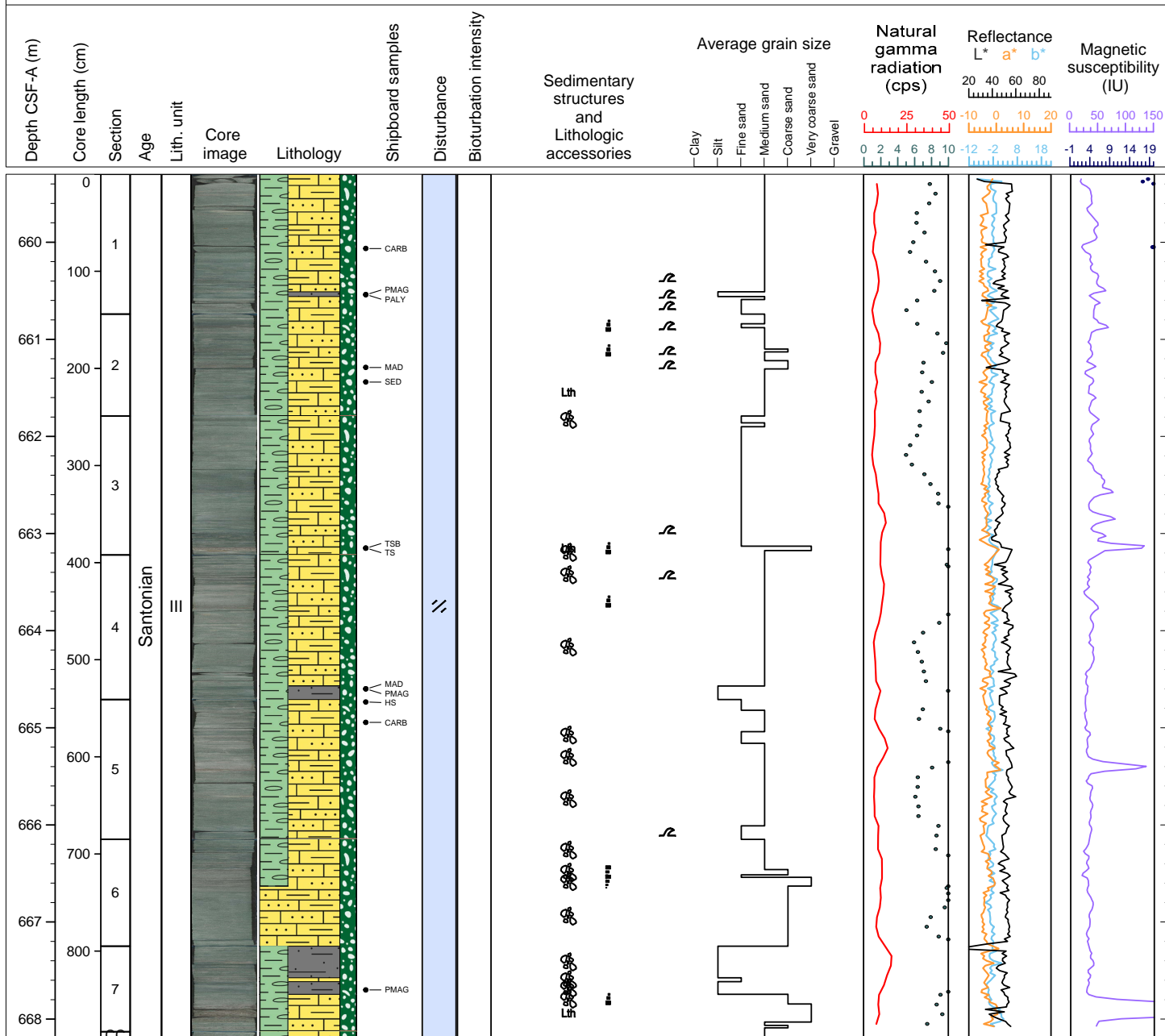
Hole 392-U1579D Core 56R, Interval 649.6-659.08 m (CSF-A)

Core U1579D-56R consists of alternations of medium beds of pale grayish to green medium sandstones and thin beds of pale yellowish green to pale grayish green medium sandstones and siltstones. The coarser grained, thin beds occur at beds at regular intervals of 20-30 cm and show both normal and reverse grading. Soft sediment (syn-sedimentary) deformation structures such as flame and load structures are present throughout the core. Bioturbation is typically lower in the coarser layers than in the finer layers. There is moderate fracturing throughout the core due to drilling.



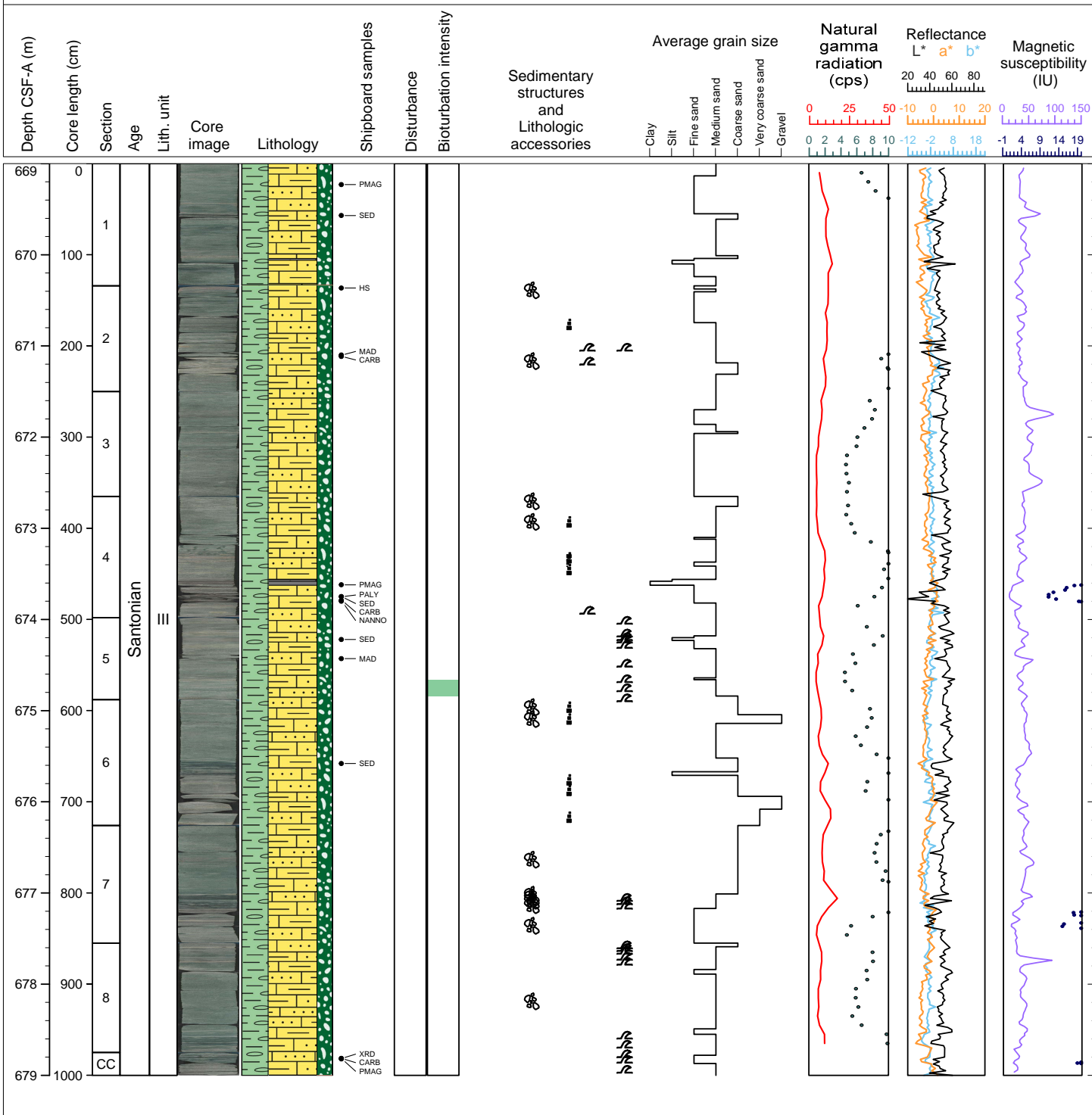
Hole 392-U1579D Core 57R, Interval 659.3-668.2 m (CSF-A)

Core U1579D-57R consists of green glauconitic sandstones and siltstones. Bedding is variable and ranges from massive to thinly laminated and there are several intervals of either normal or inverse grading in Sections 2, 3, 4, 6, and 7. The medium sandstone layers are pale yellowish green to gray, normally graded, well sorted with some rip-up clasts and have irregular bases. Fine sand intervals are laminated with thin light green siltstone. In Section 7 (100 cm), there is a coarse layer of sandstone with lithic fragments and chert. Matrix supported rip up clasts (of variable color and grain size) indicate reworking in all sections. Soft sediment (syn-sedimentary) deformation structures such as flame and load structures are present throughout the core. Yellow and dark green nodules are present in Section 2, 94 cm. Bioturbation is typically lower in the coarser layers than in the finer layers. There is moderate fracturing throughout the core due to drilling.



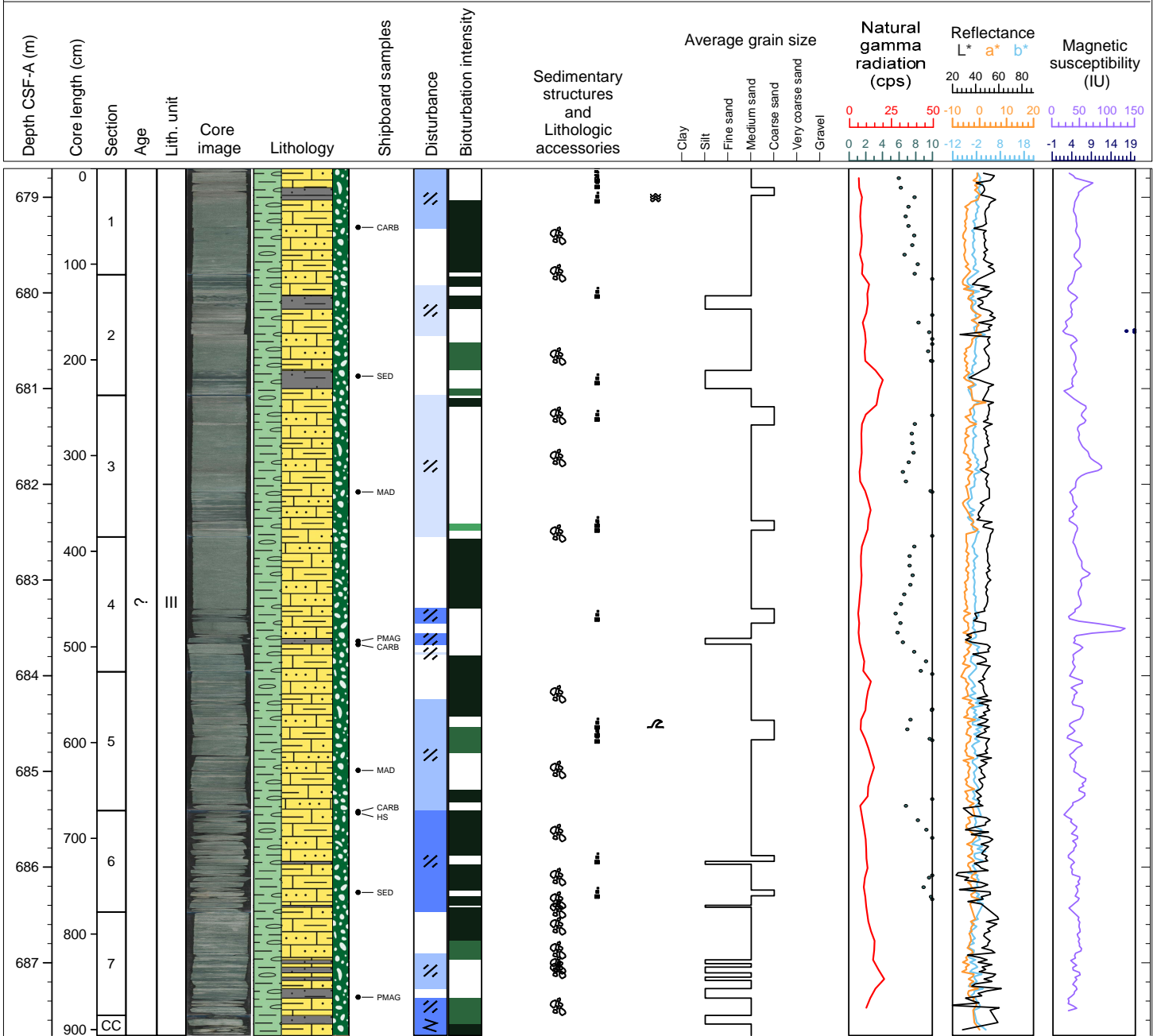
Hole 392-U1579D Core 58R, Interval 669.0-679.0 m (CSF-A)

Core U1579D-58R consists of zeolitic sandstones, siltstones, and claystones with glauconite that are either massively bedded or are interlaminated with cm-scale layers of a different grain size or color (usually yellowish gray to tan). The entire core is green and moderately to intensely bioturbated. Soft-sediment deformation structures, such as flame structures, loading structures, and reworking in the form of rip up clasts of different colors are common throughout the core. Drilling disturbance has caused moderate fracturing throughout the core.



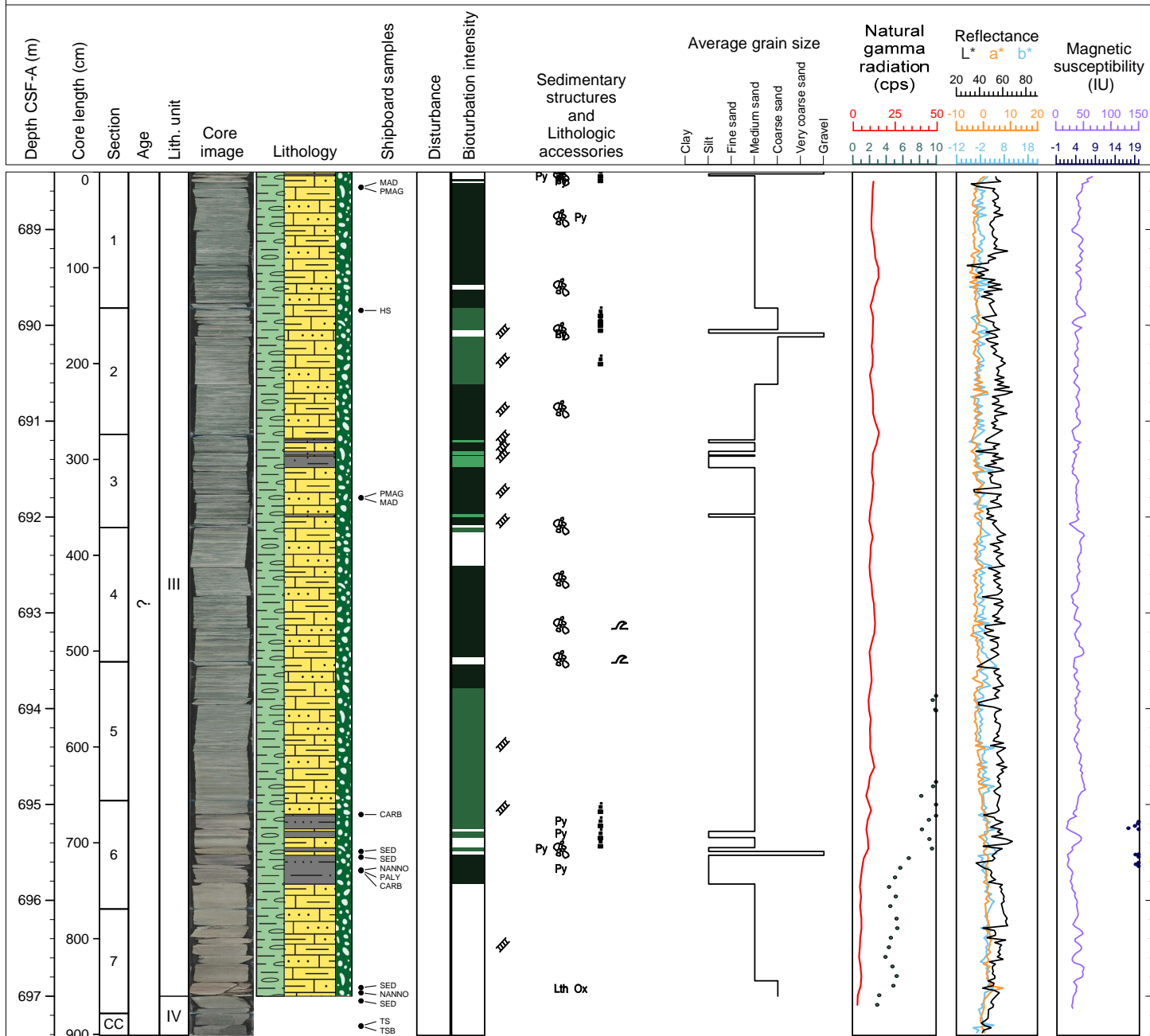
Hole 392-U1579D Core 59R, Interval 678.7-687.76 m (CSF-A)

Core U1579D-59R consists of alternations of grayish green to greenish gray zeolitic sandstones with glauconite and dusky green zeolitic siltstones with glauconite that are moderately to intensely bioturbated. Beds are either massive or interlaminated with cm-scale layers of yellowish gray clayey sandstone with pyrite. In Sections 1 (7-11, 11-20, 28-33 cm), 2 (16-22, 100-119 cm), 3 (12-31, 131-134, 134-141 cm), 4 (75-90 cm), 5 (50.5-58, 58-67, 67-71 cm), and 6 (47-53, 83-89 cm) there are fining upward sequences that span ~5-10 cm and correspond to color changes from yellowish gray at the bottom to greenish gray at the top. Soft-sediment deformation structures such as contorted strata, and reworking in the form of rip up clasts of different colors are common throughout. Drilling disturbance has caused moderate to severe fracturing throughout the core.

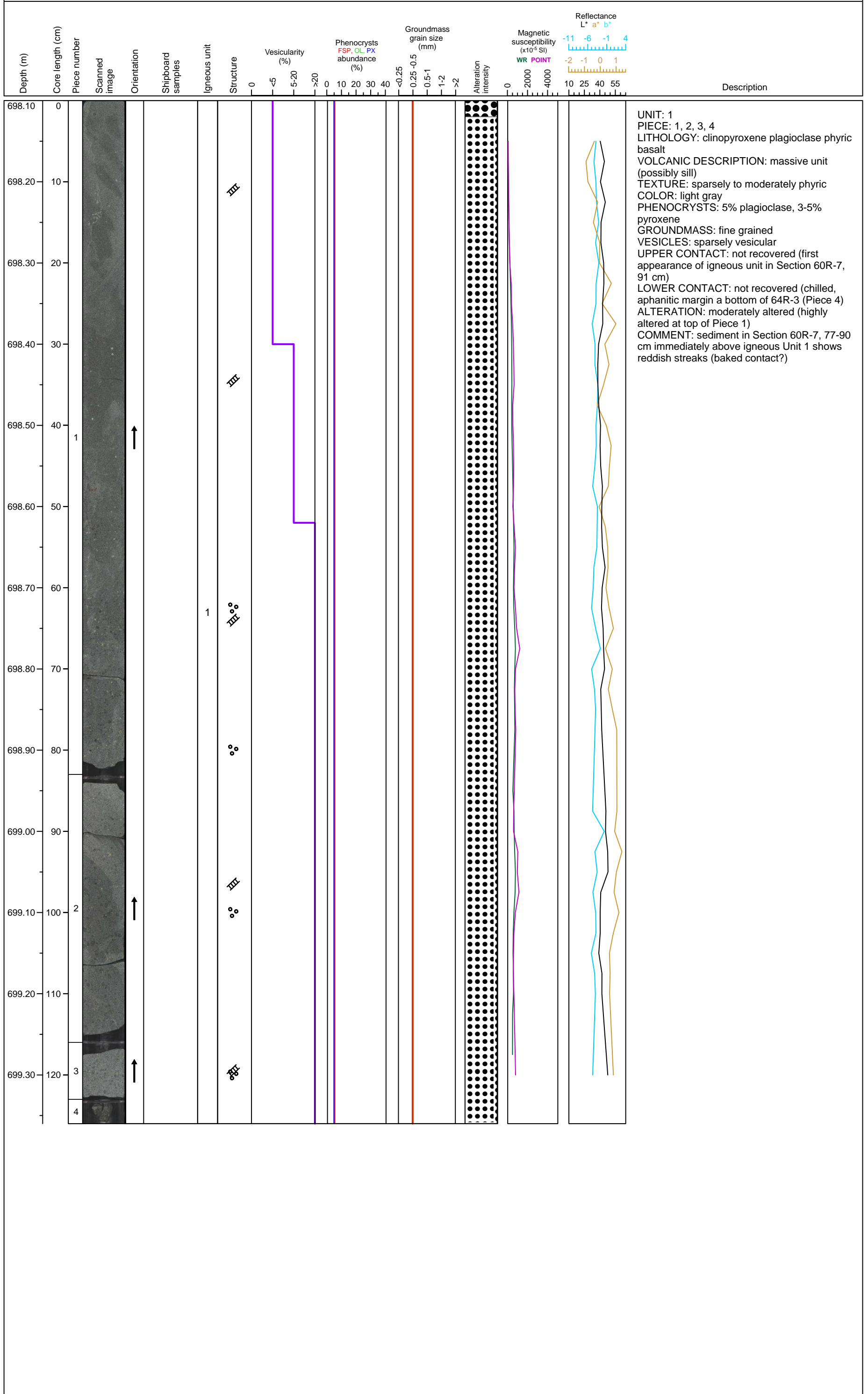


Hole 392-U1579D Core 60R, Interval 688.4-697.41 m (CSF-A)

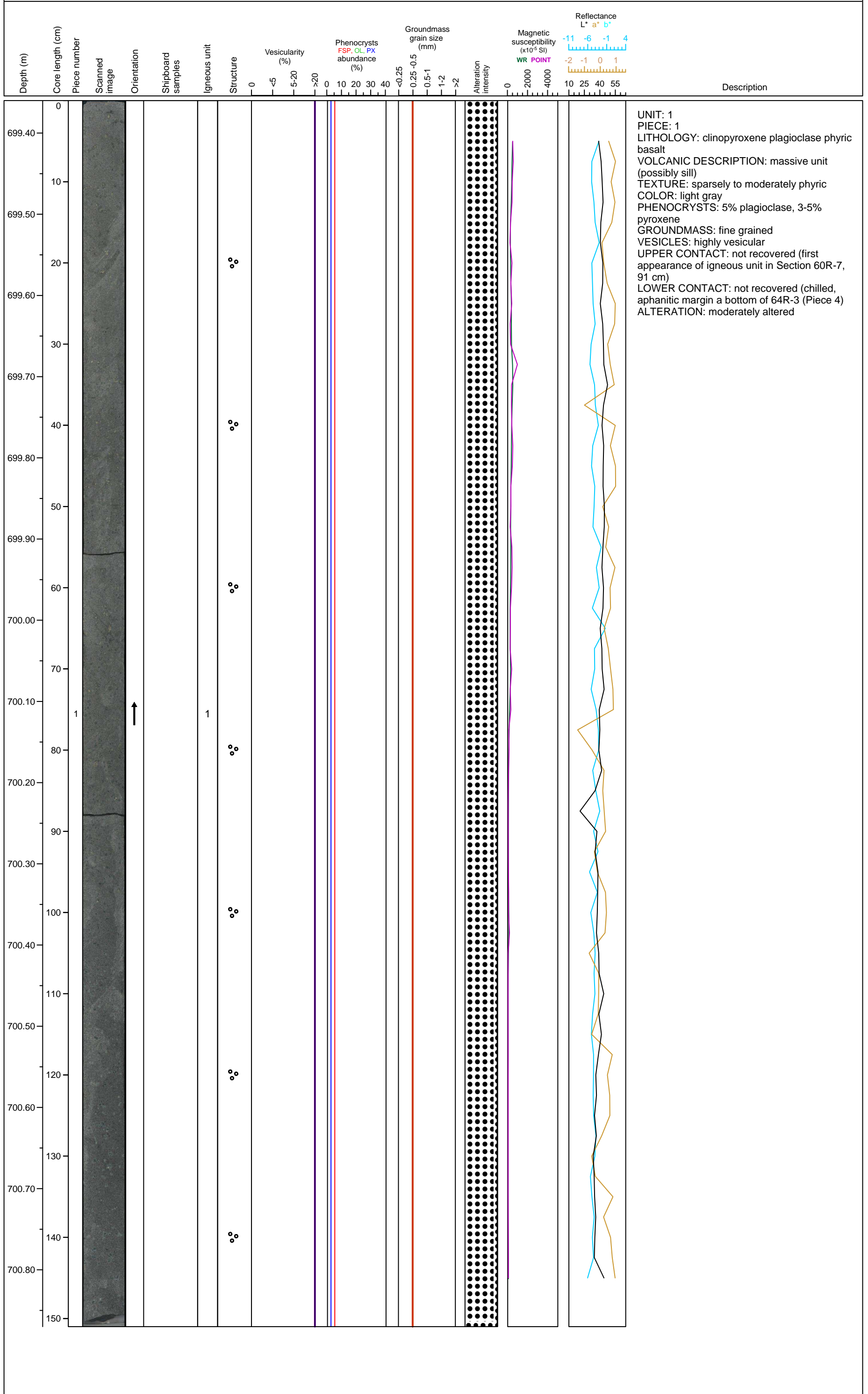
Core U1579D-60R consists of alternations of grayish green to greenish gray zeolitic sandstones with glauconite and dusky green zeolitic siltstones with glauconite which are moderately to intensely bioturbated. Beds are either massive or interlaminated with cm-scale layers of yellowish gray clayey sandstone with pyrite. Several dark gray interlaminated intervals of silty claystone with pyrite occur in Section 6 (15.5-29.5, 32-38.5, 49-53 and 57-87 cm). Distinct light reddish gray to light gray beds of lithic sandstone with coarse and angular grains occur in Sections 1 (0-2 cm), 6 (29.5-32, 53-57, 87-113 cm), and 7 (0-75 cm). In Sections 1 (0-2, 4-7 cm), 2 (0-9, 9-12, 12-17, 17-22.5 and 30-79.5 cm) and 6 (0-15.5, 15.5-29.5, 32-38.5, 38.5-49 cm) there are ~5-10 cm normally graded intervals that vary in color from yellowish gray at the bottom to greenish gray at the top. Soft-sediment deformation structures such as flute cast, flame structures, and reworking in the form of rip up clasts of a different colors are common throughout. In Section 7, there is a baked margin with the basaltic basement at 91 cm; however, the contact was not recovered.



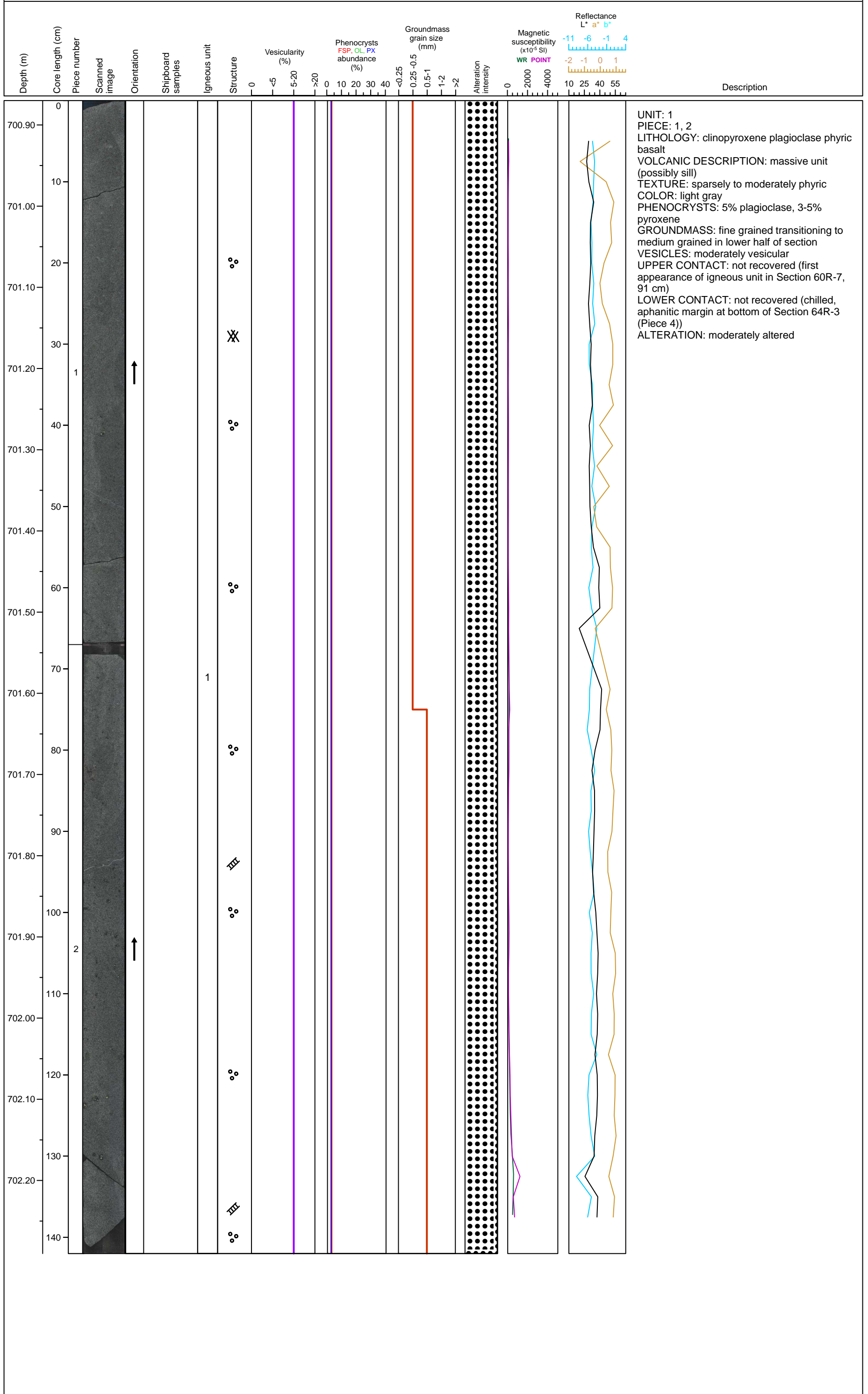
Hole 392-U1579D-61R Section 1, Top of Section: 698.1 m (CSF-A)



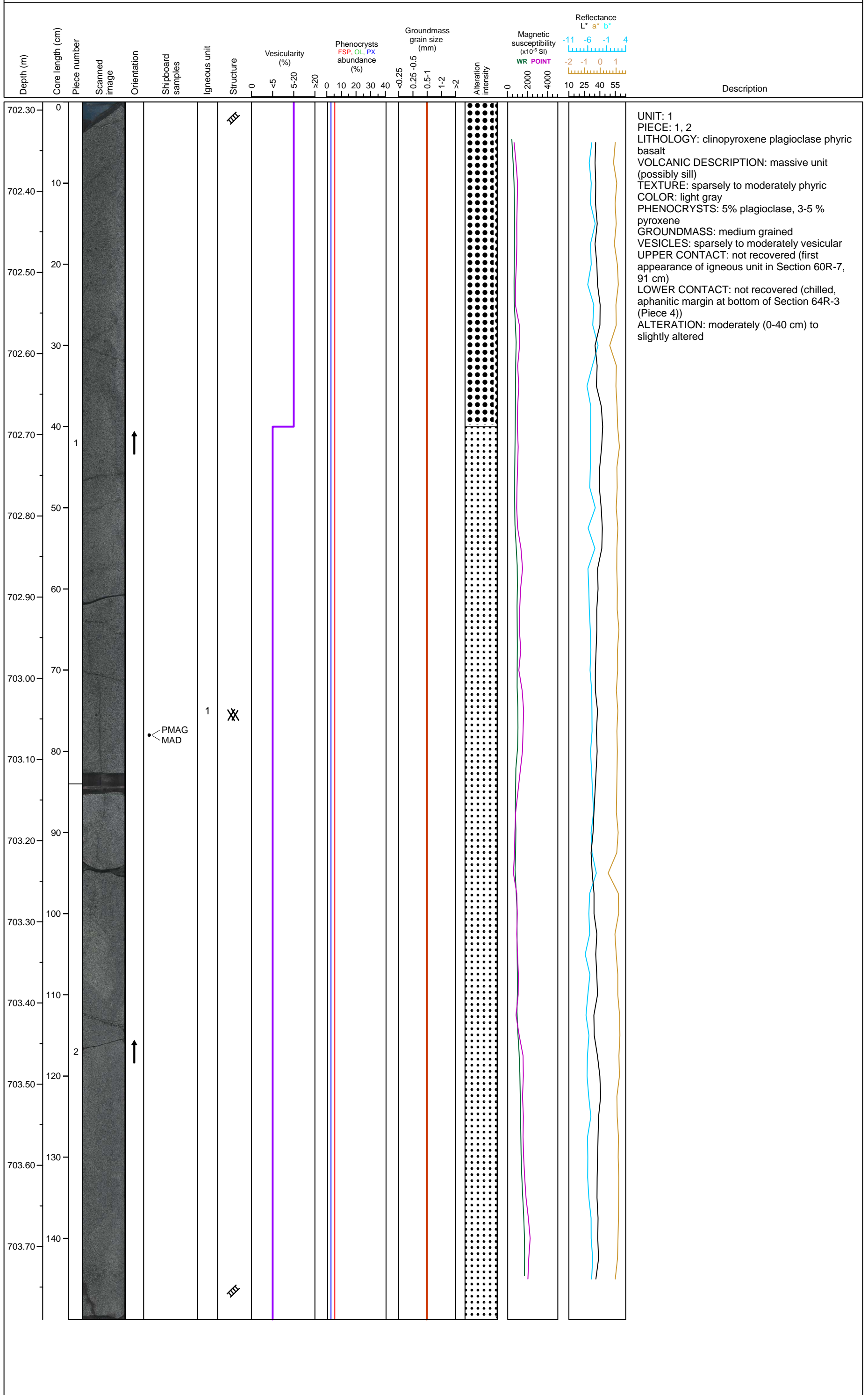
Hole 392-U1579D-61R Section 2, Top of Section: 699.36 m (CSF-A)



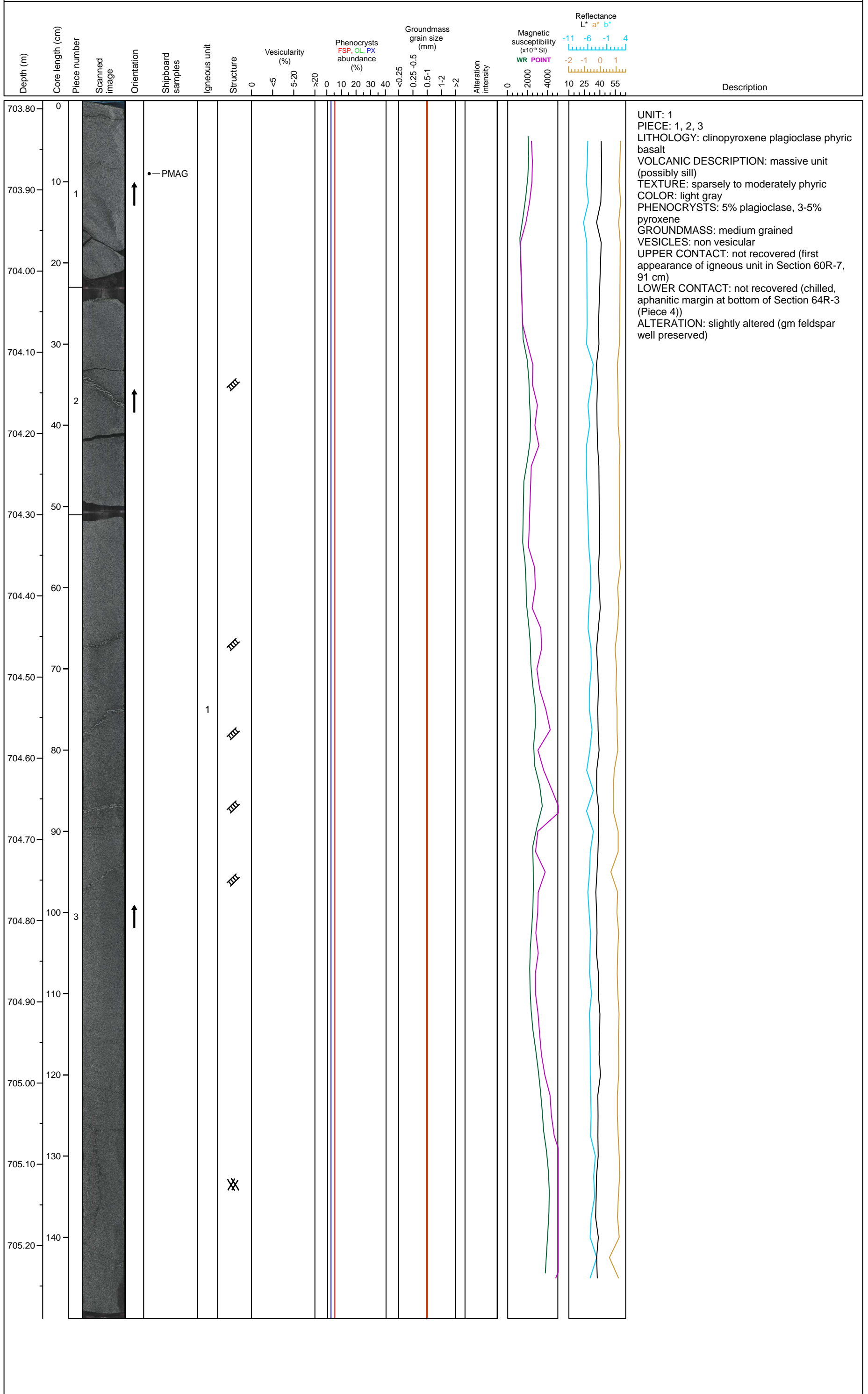
Hole 392-U1579D-61R Section 3, Top of Section: 700.87 m (CSF-A)



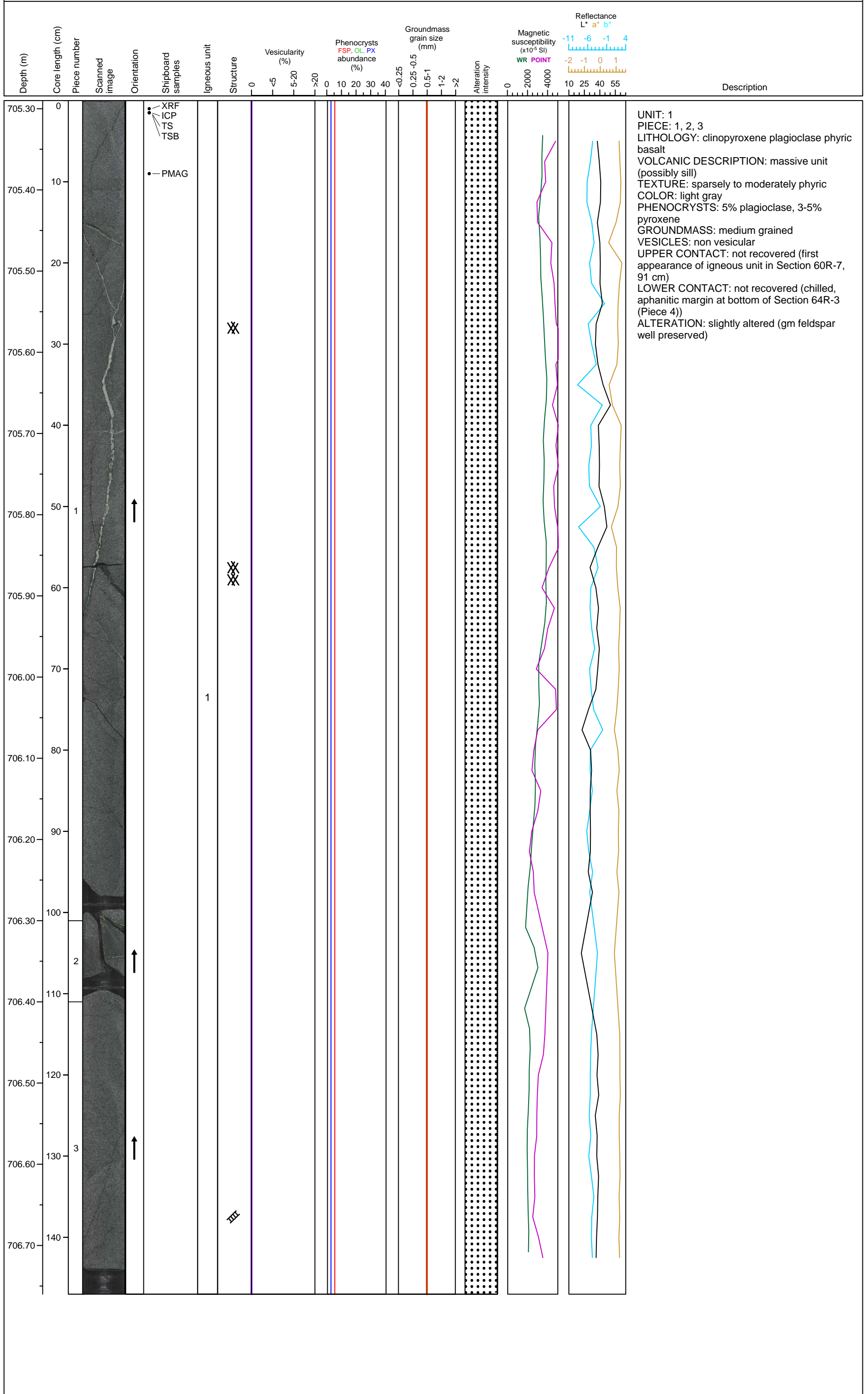
Hole 392-U1579D-61R Section 4, Top of Section: 702.29 m (CSF-A)



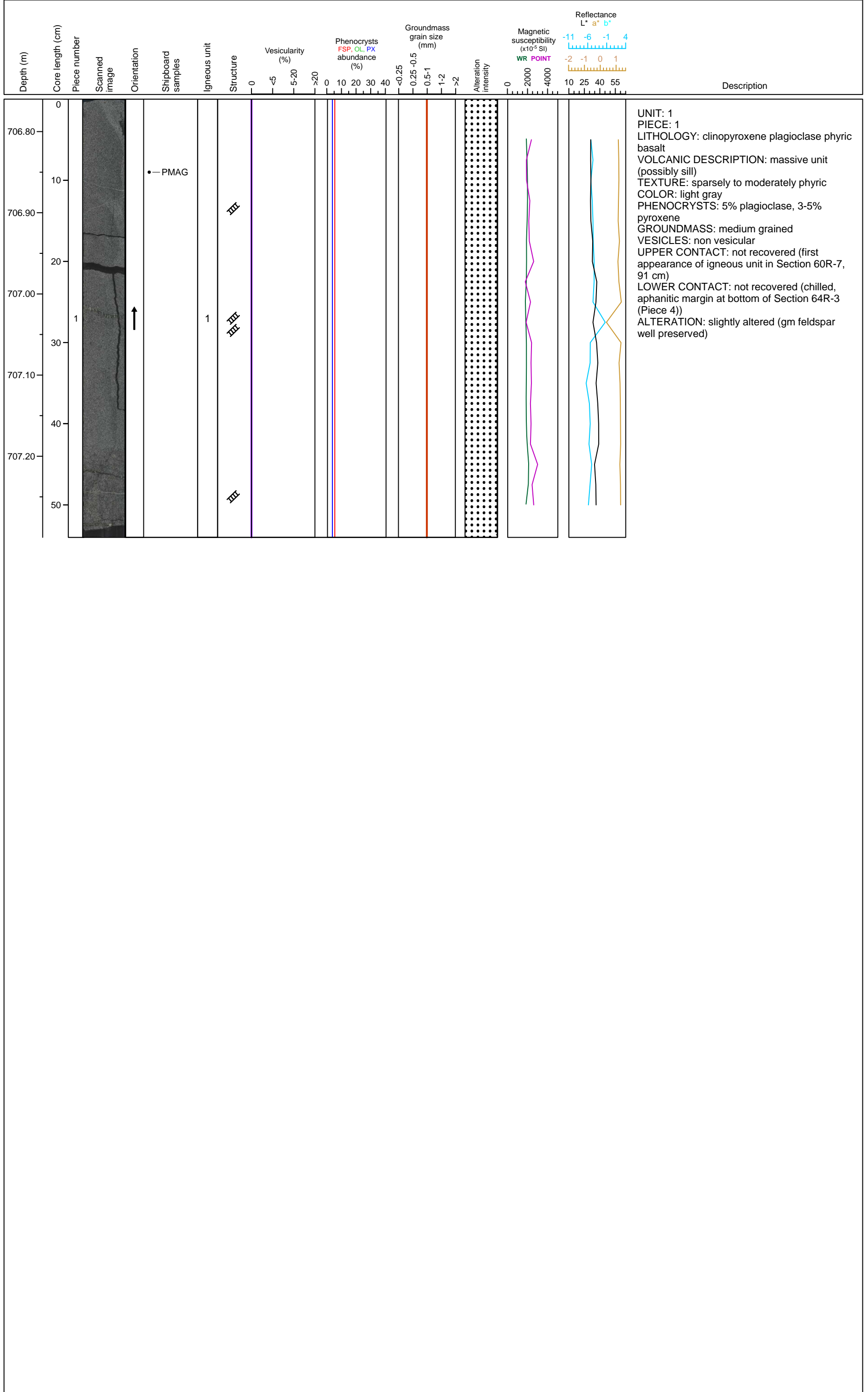
Hole 392-U1579D-61R Section 5, Top of Section: 703.79 m (CSF-A)



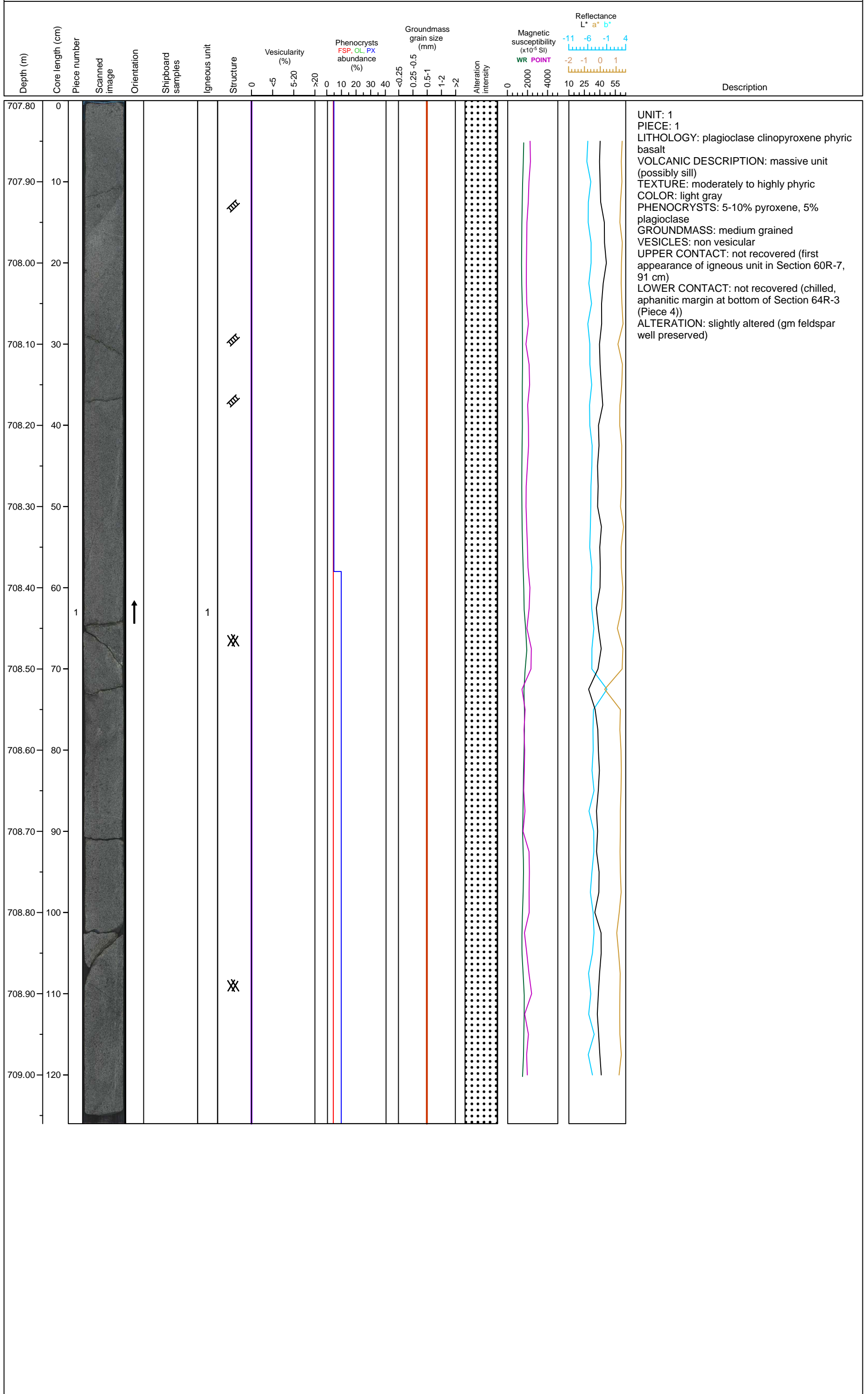
Hole 392-U1579D-61R Section 6, Top of Section: 705.29 m (CSF-A)



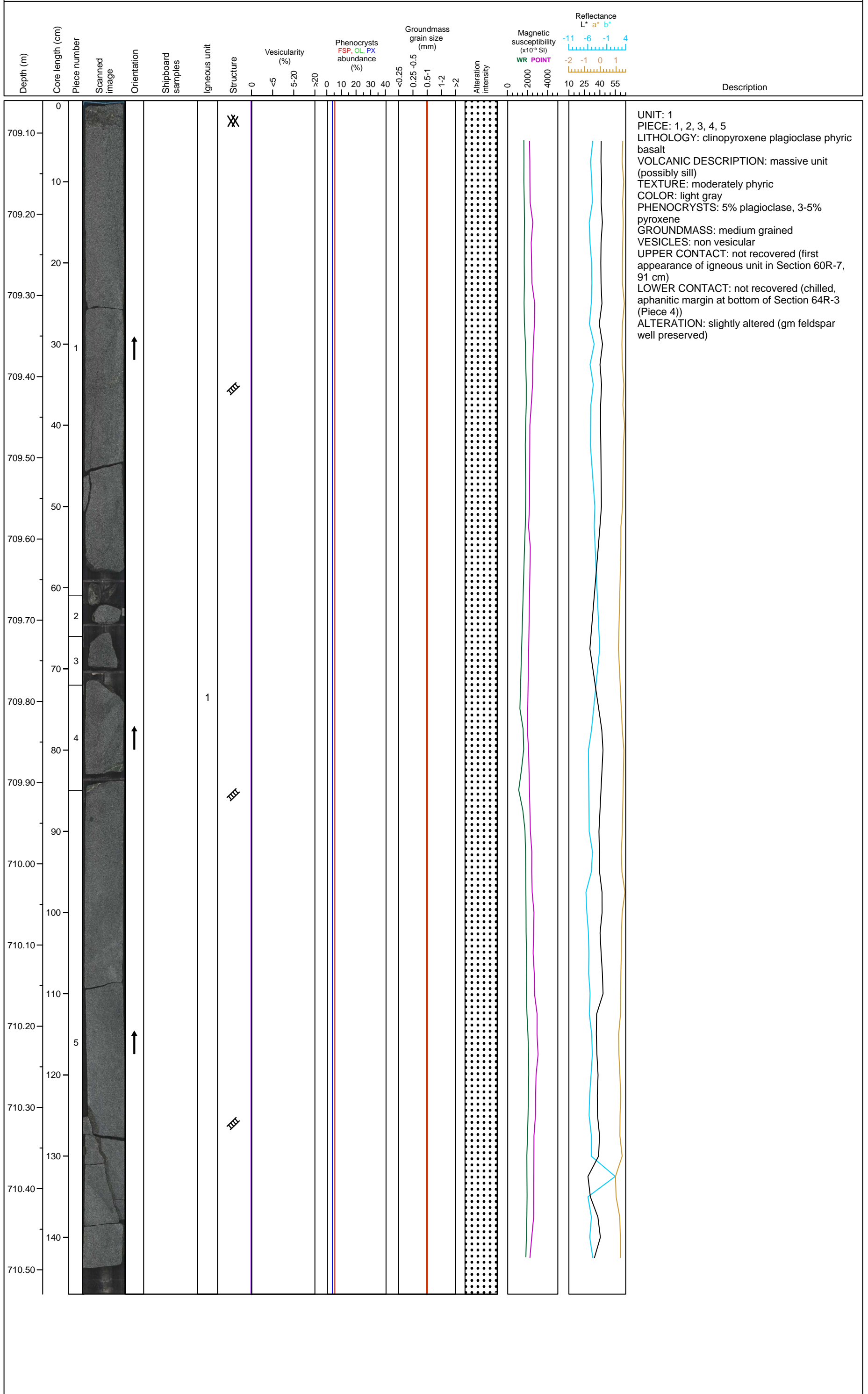
Hole 392-U1579D-61R Section 7, Top of Section: 706.76 m (CSF-A)



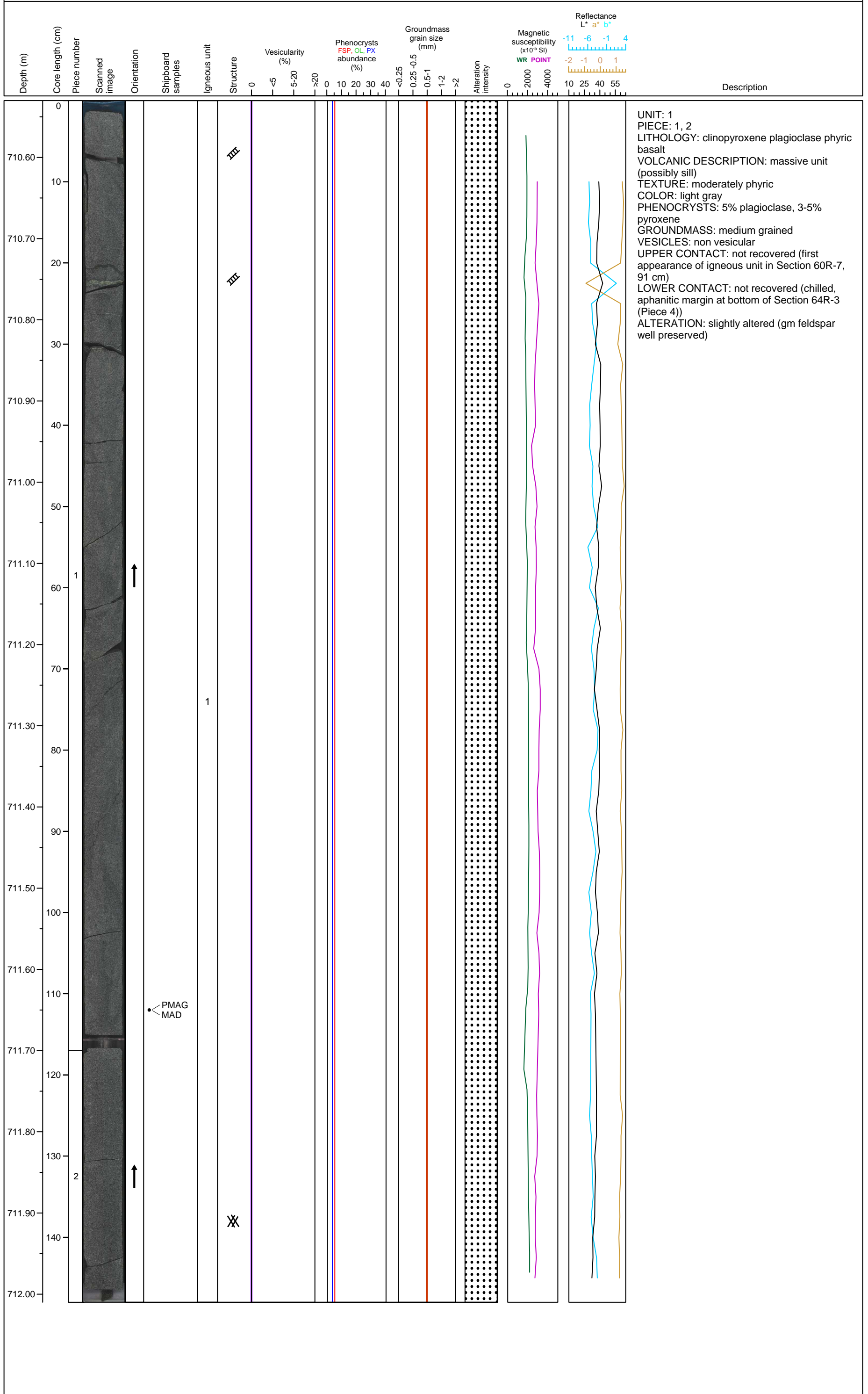
Hole 392-U1579D-62R Section 1, Top of Section: 707.8 m (CSF-A)



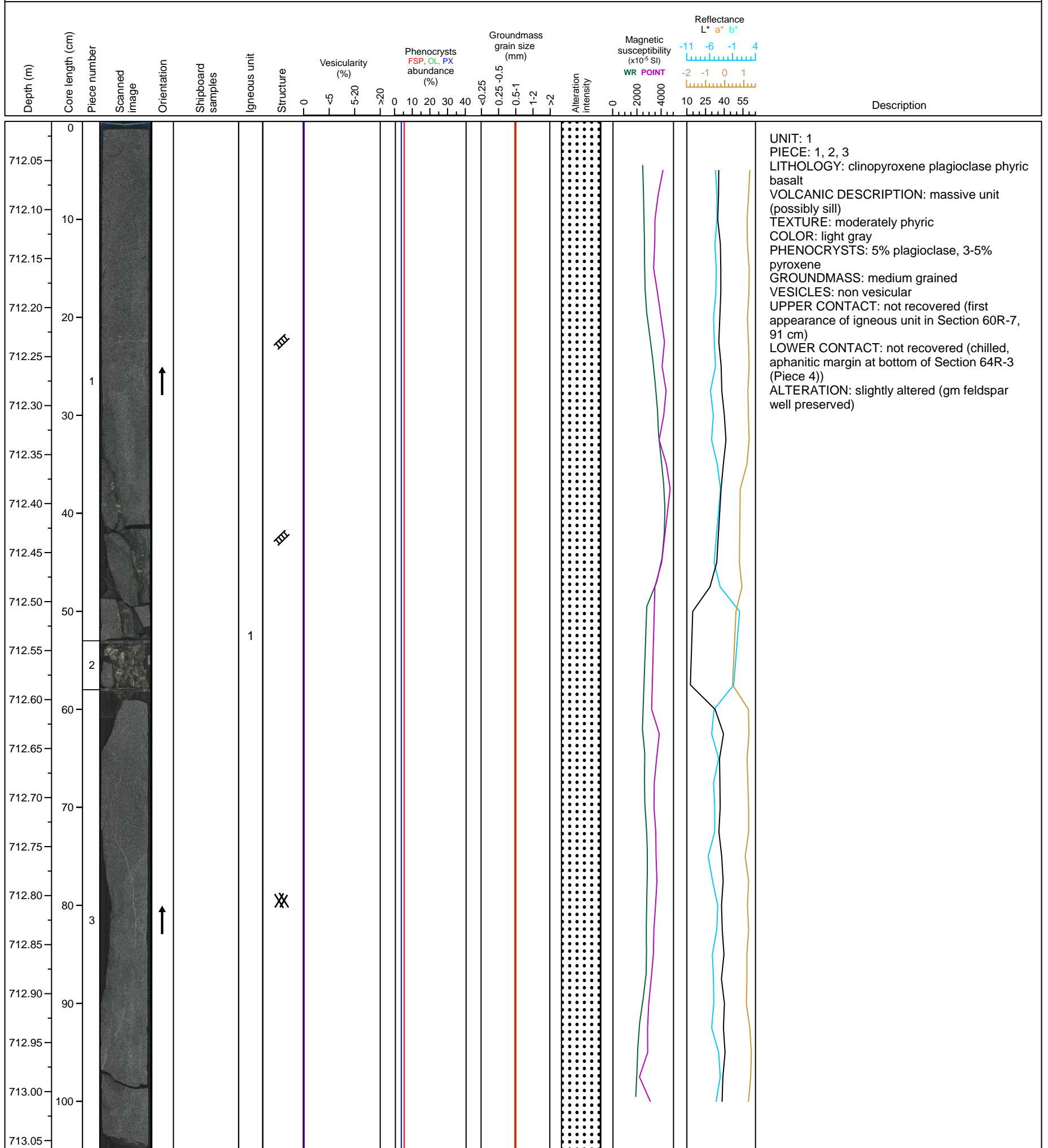
Hole 392-U1579D-62R Section 2, Top of Section: 709.06 m (CSF-A)



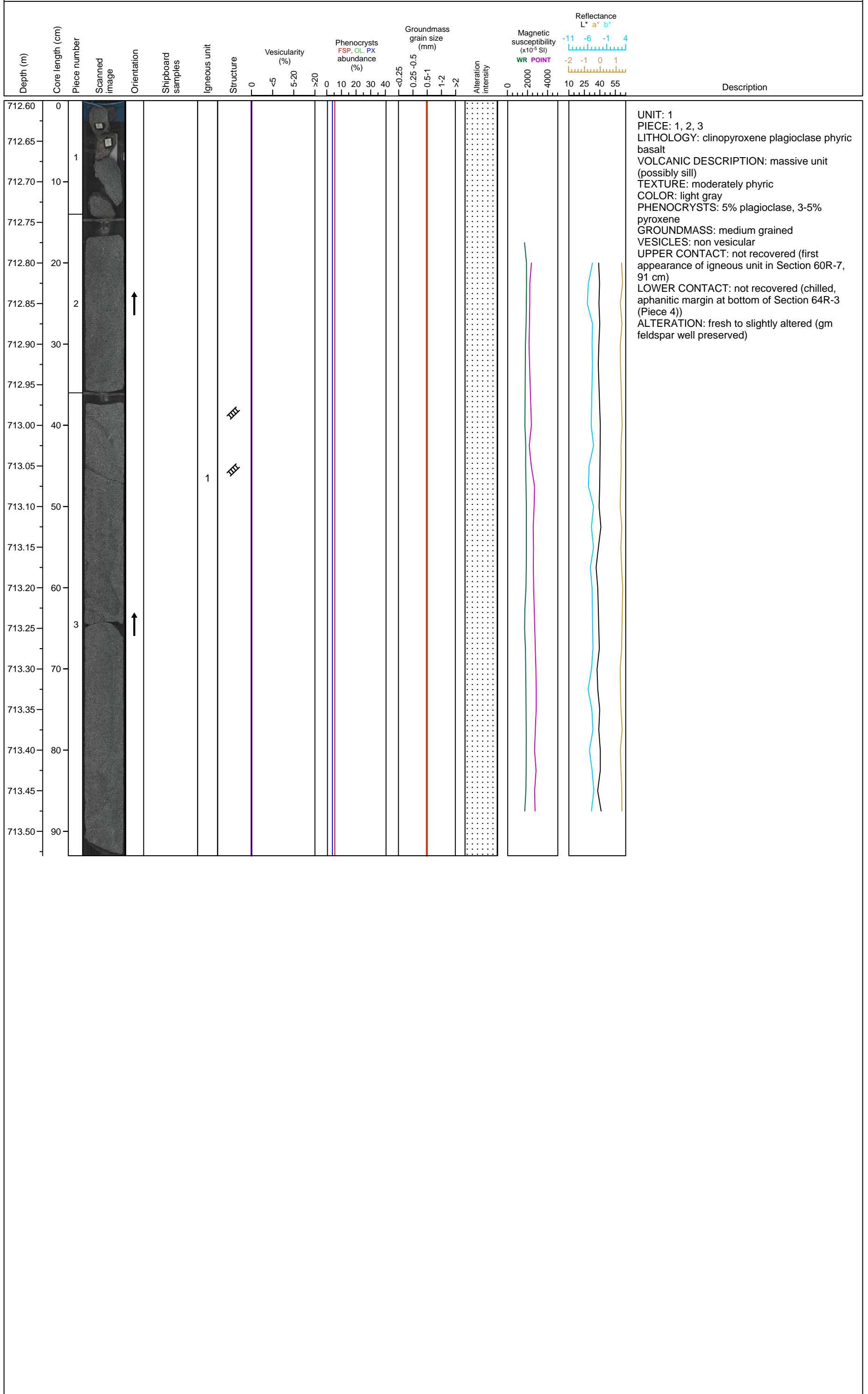
Hole 392-U1579D-62R Section 3, Top of Section: 710.53 m (CSF-A)



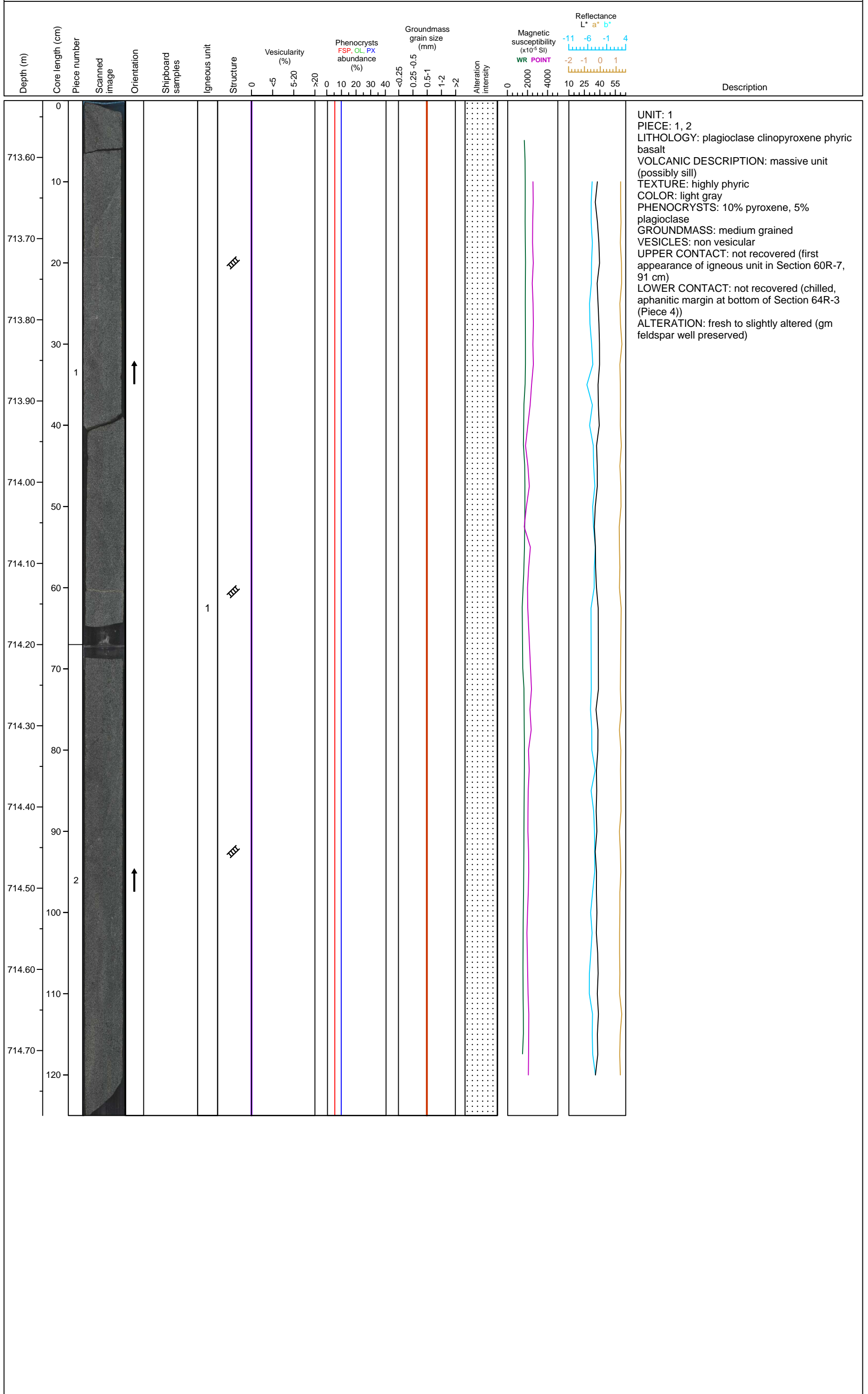
Hole 392-U1579D-62R Section 4, Top of Section: 712.01 m (CSF-A)



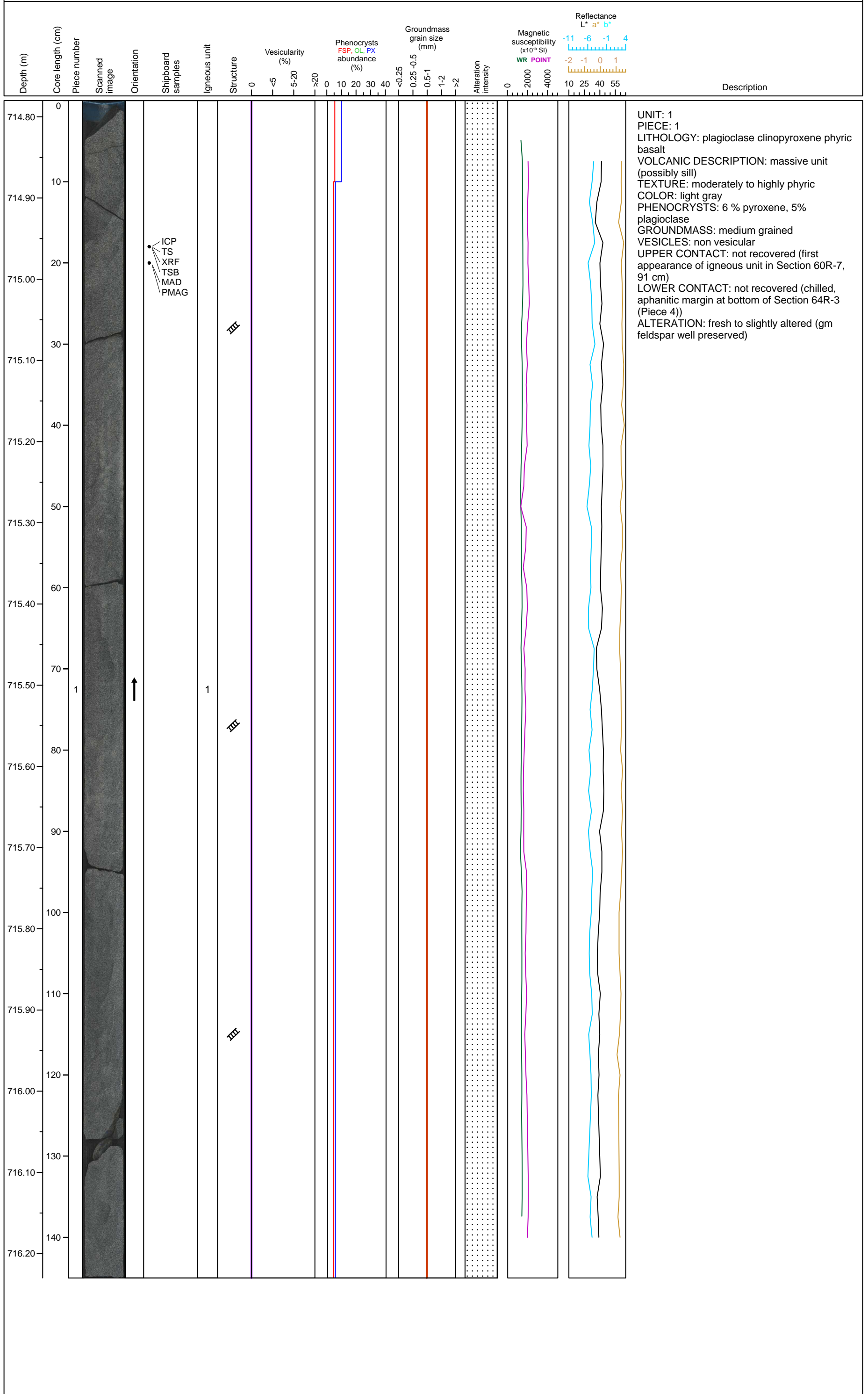
Hole 392-U1579D-63R Section 1, Top of Section: 712.6 m (CSF-A)



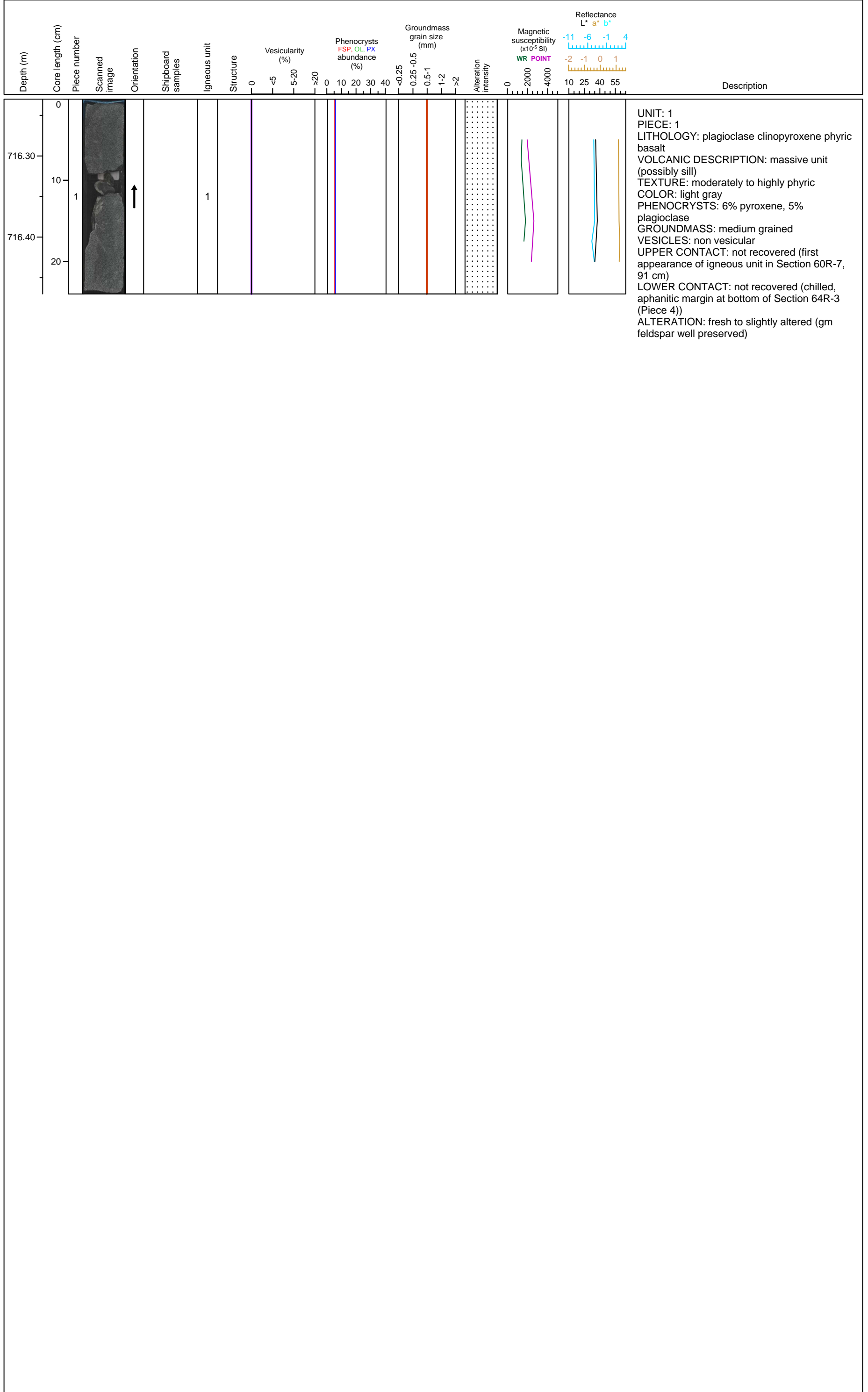
Hole 392-U1579D-63R Section 2, Top of Section: 713.53 m (CSF-A)



Hole 392-U1579D-63R Section 3, Top of Section: 714.78 m (CSF-A)

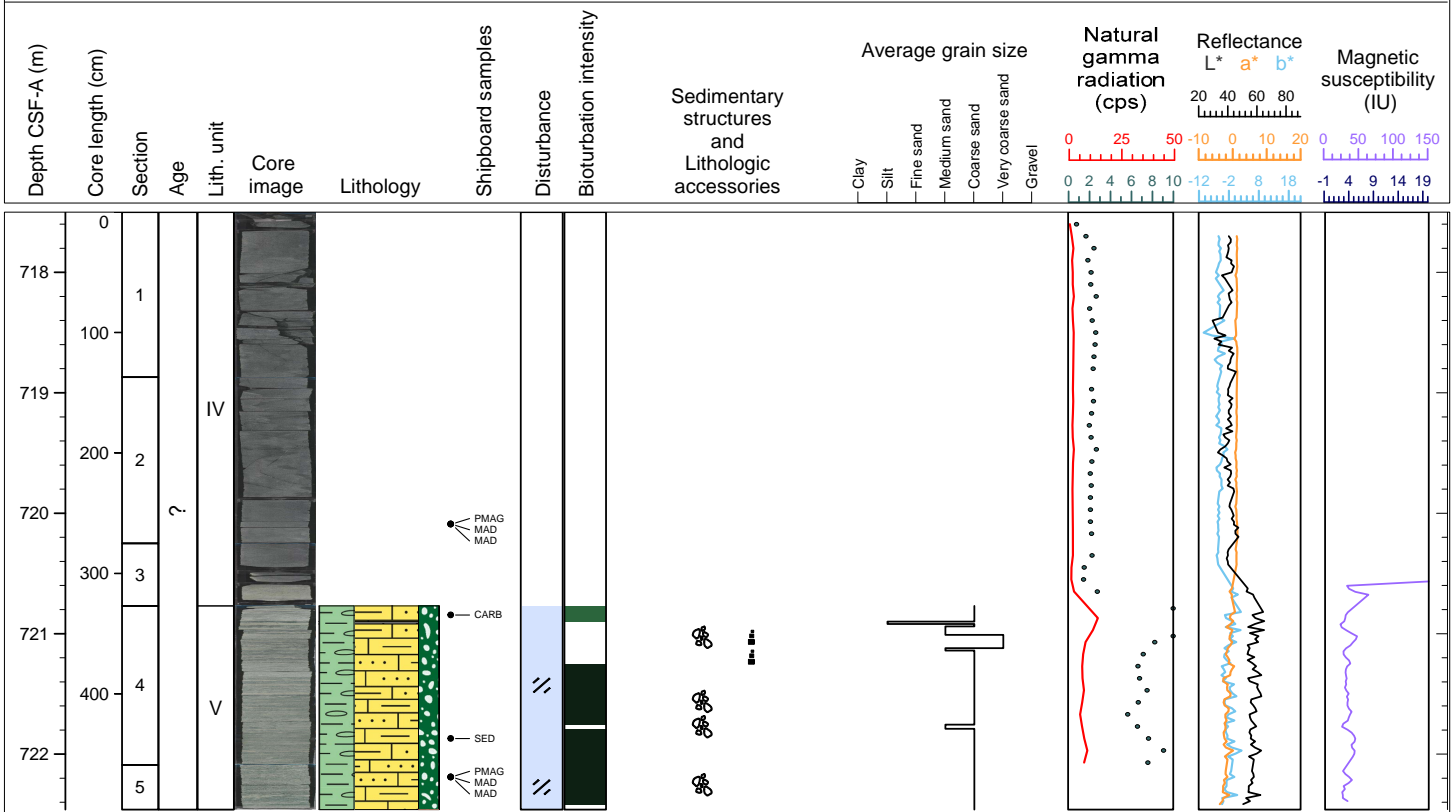


Hole 392-U1579D-63R Section 4, Top of Section: 716.23 m (CSF-A)

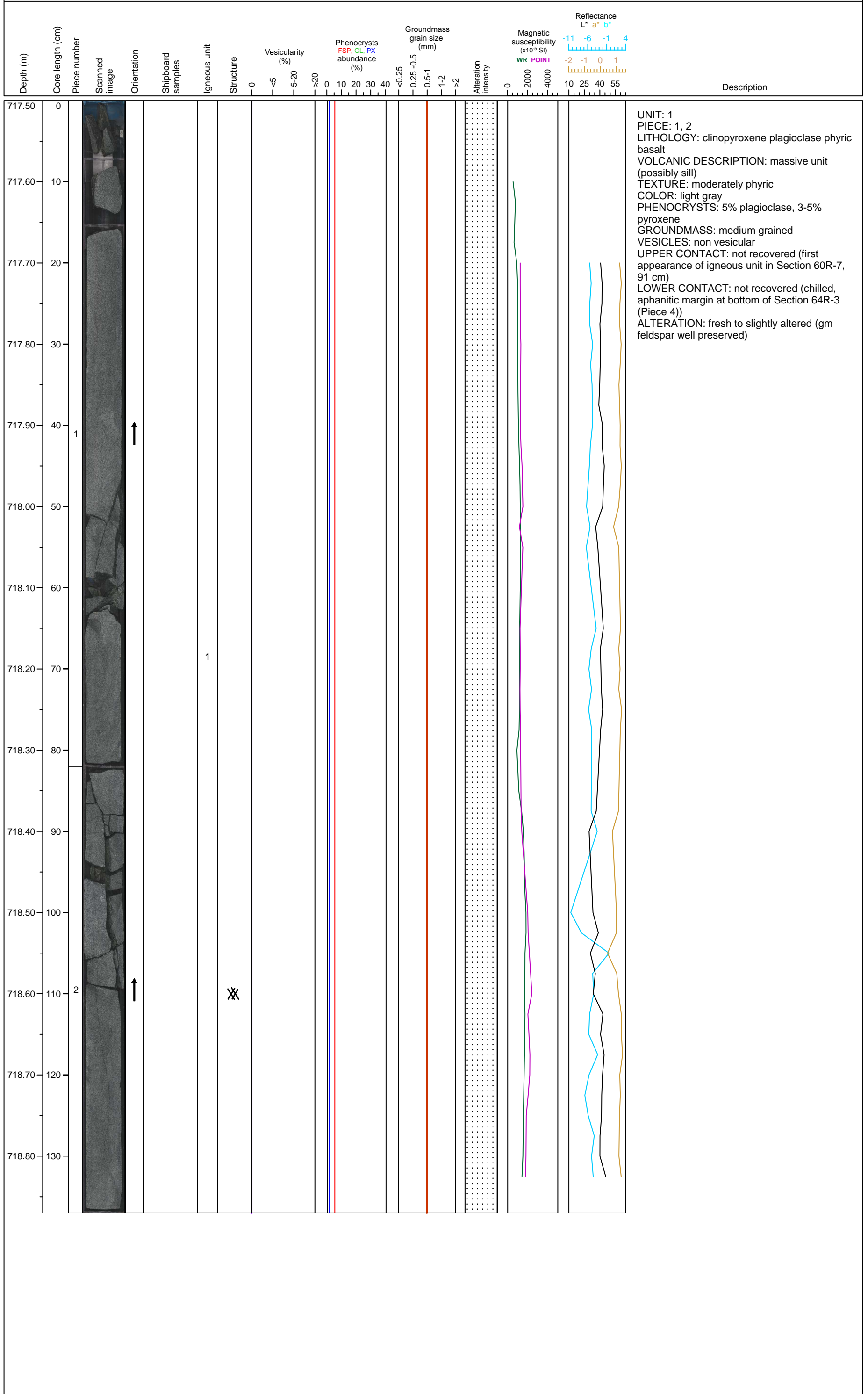


Hole 392-U1579D Core 64R, Interval 717.5-722.46 m (CSF-A)

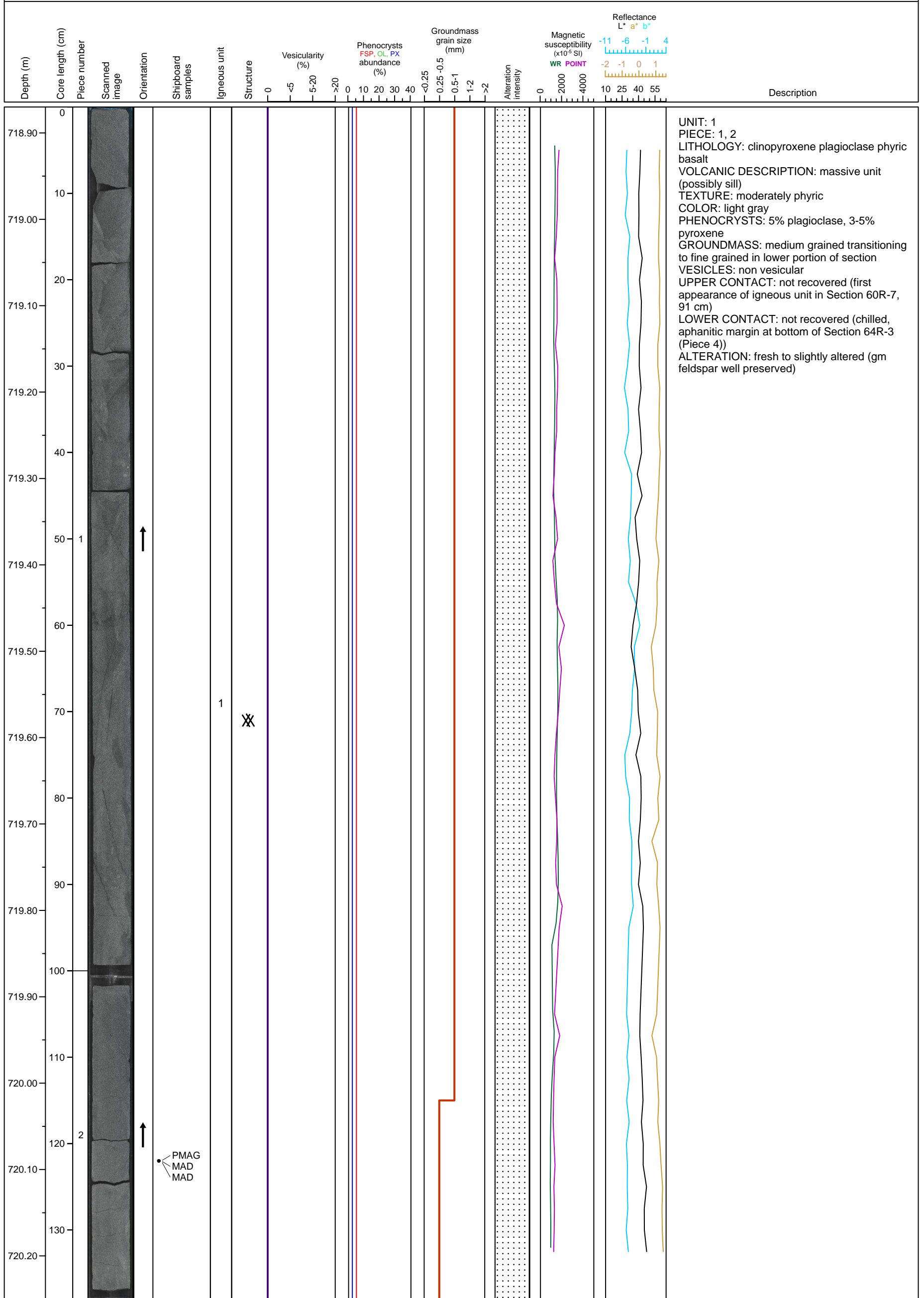
Core U1579D-64R consists of interbedded coarse grained light green layers of zeolitic sandstone, and intensely bioturbated dark green beds of clayey siltstone that are normally graded and have irregular bottom contacts. The core is slightly fractured to fragmented throughout.



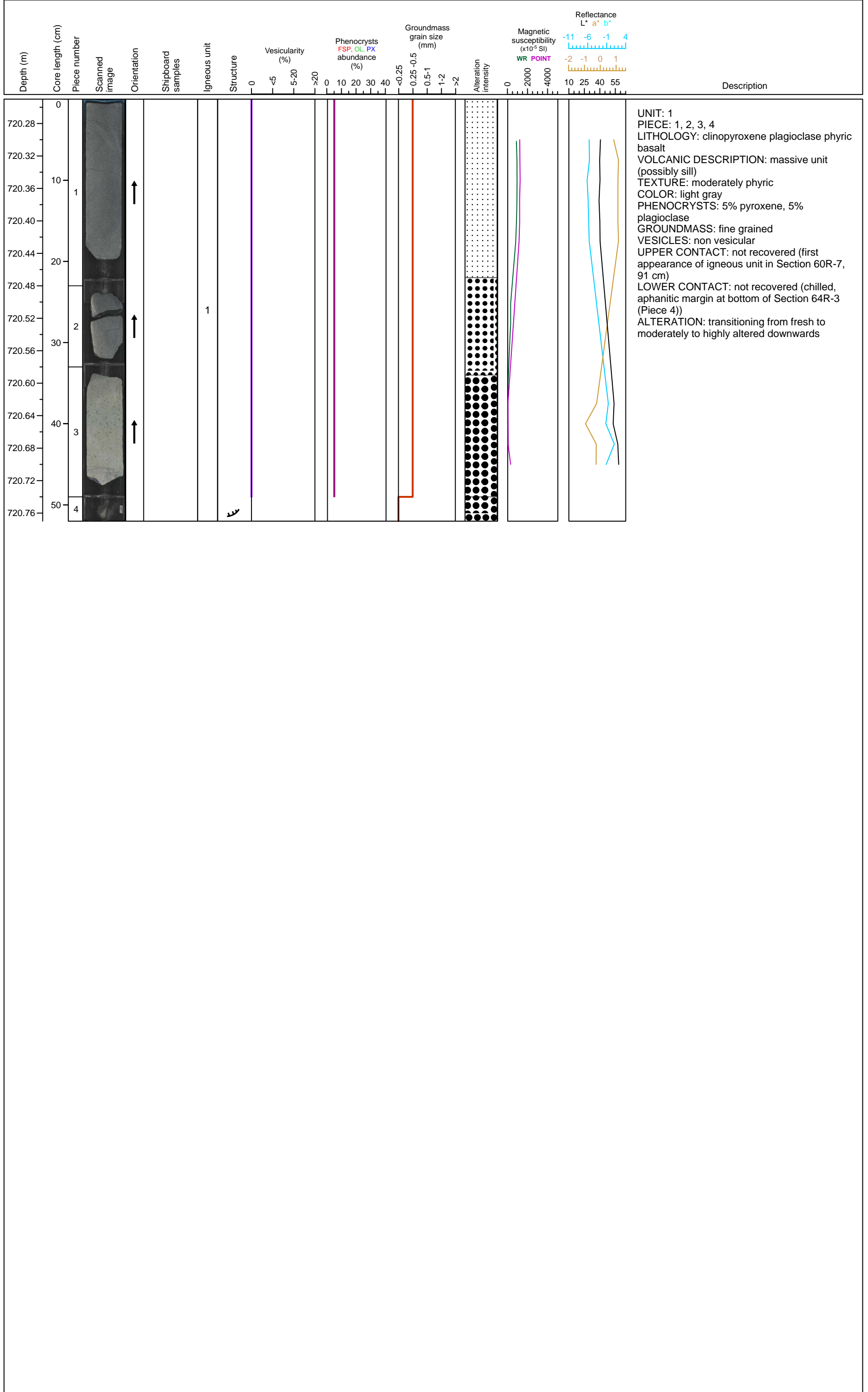
Hole 392-U1579D-64R Section 1, Top of Section: 717.5 m (CSF-A)



Hole 392-U1579D-64R Section 2, Top of Section: 718.87 m (CSF-A)

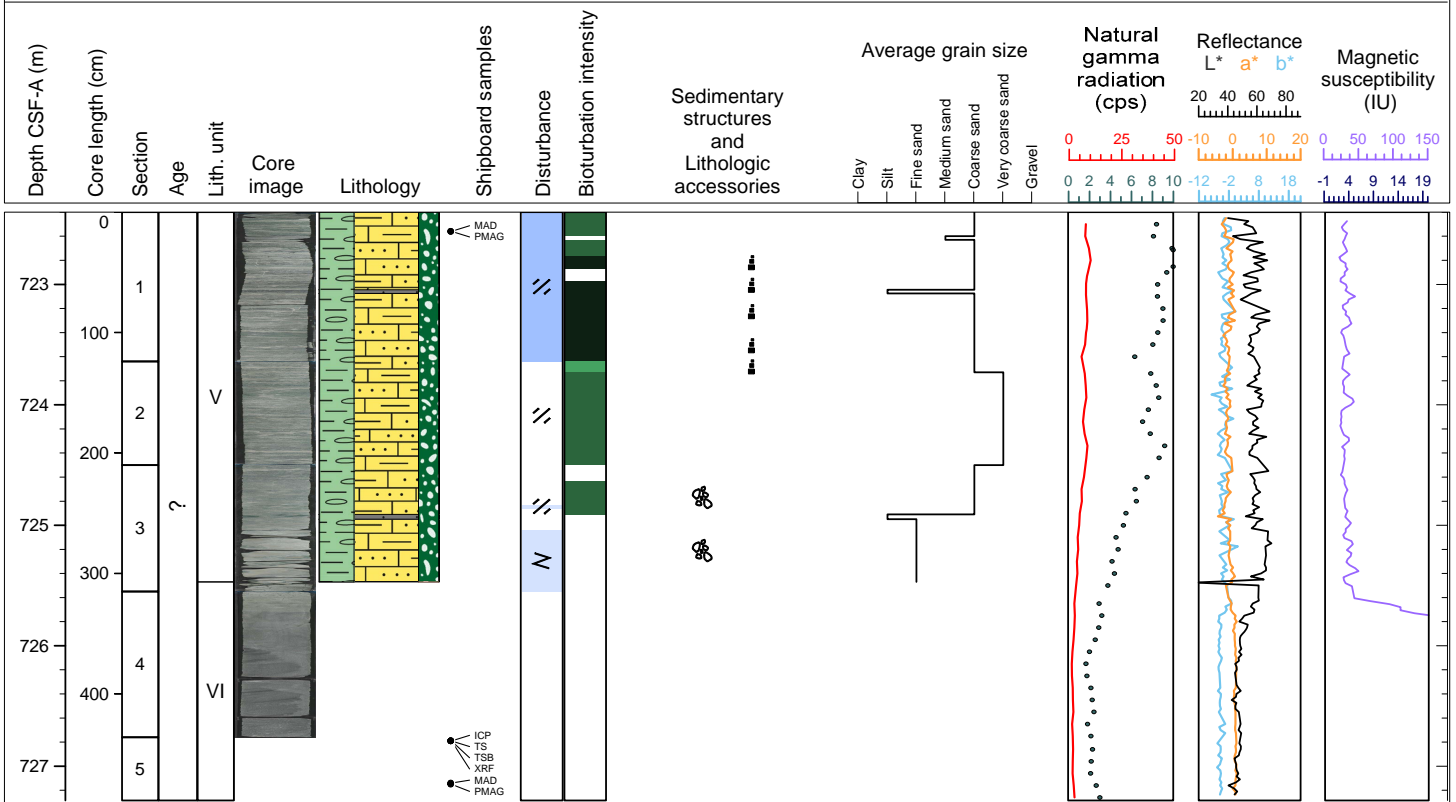


Hole 392-U1579D-64R Section 3, Top of Section: 720.25 m (CSF-A)

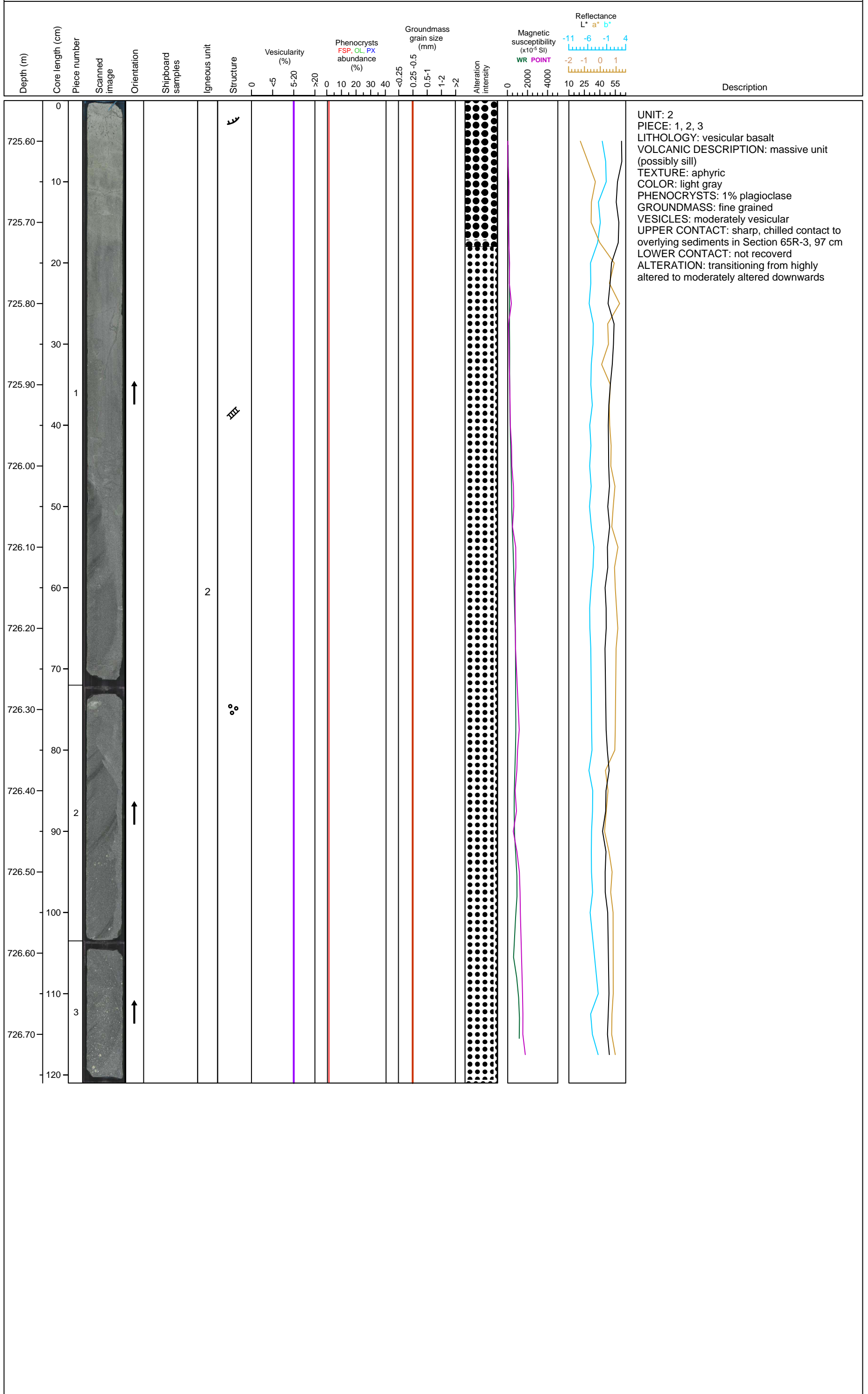


Hole 392-U1579D Core 65R, Interval 722.4-727.285 m (CSF-A)

Core U1579D-65R consists of interbedded coarse grained light green layers of zeolitic sandstone and siltstone with glauconite. Bioturbation intensity ranges from absent to intense throughout. In Section 3 (41-45 cm) there is a dark green wavy layer of zeolitic siltstone. There is a sharp baked contact with basalt in Section 3, 97 cm. Drilling disturbance has caused slight fracturing throughout the core.



Hole 392-U1579D-65R Section 4, Top of Section: 725.55 m (CSF-A)



Hole 392-U1579D-65R Section 5, Top of Section: 726.76 m (CSF-A)

