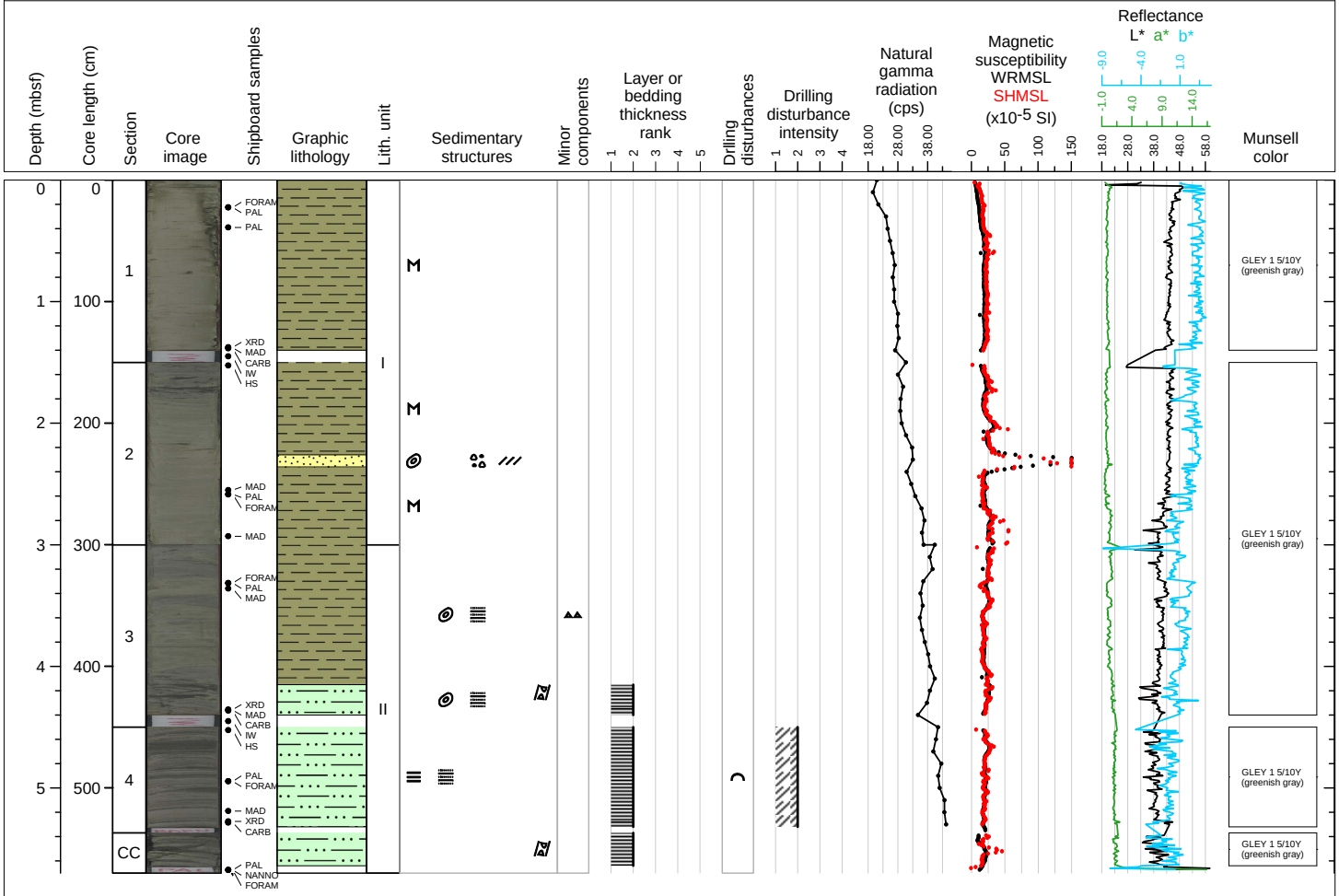
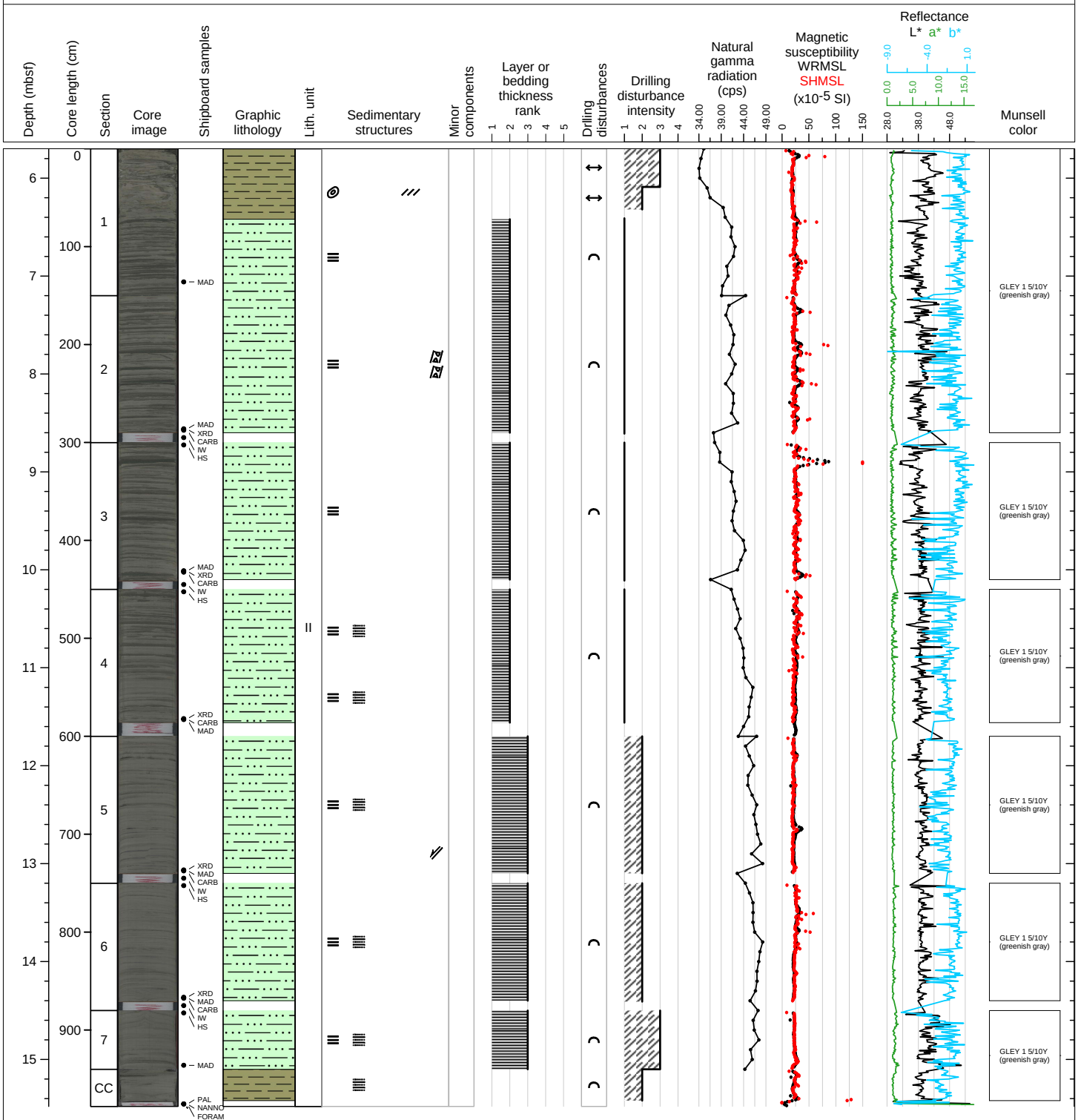
Hole 372-U1517C Core 1H, Interval 0.0-5.7 m (CSF-A)

Core 1 consists of three main intervals. The top one consists of homogeneous silty clay, entirely featureless apart from some scattered shell fragments. A graded sand to clay separates the top unit from a color-banded, contorted interval of silty clay (Unit 2). Interval 3 consists of contorted layers as well but is thinly-bedded with graded fine sands.



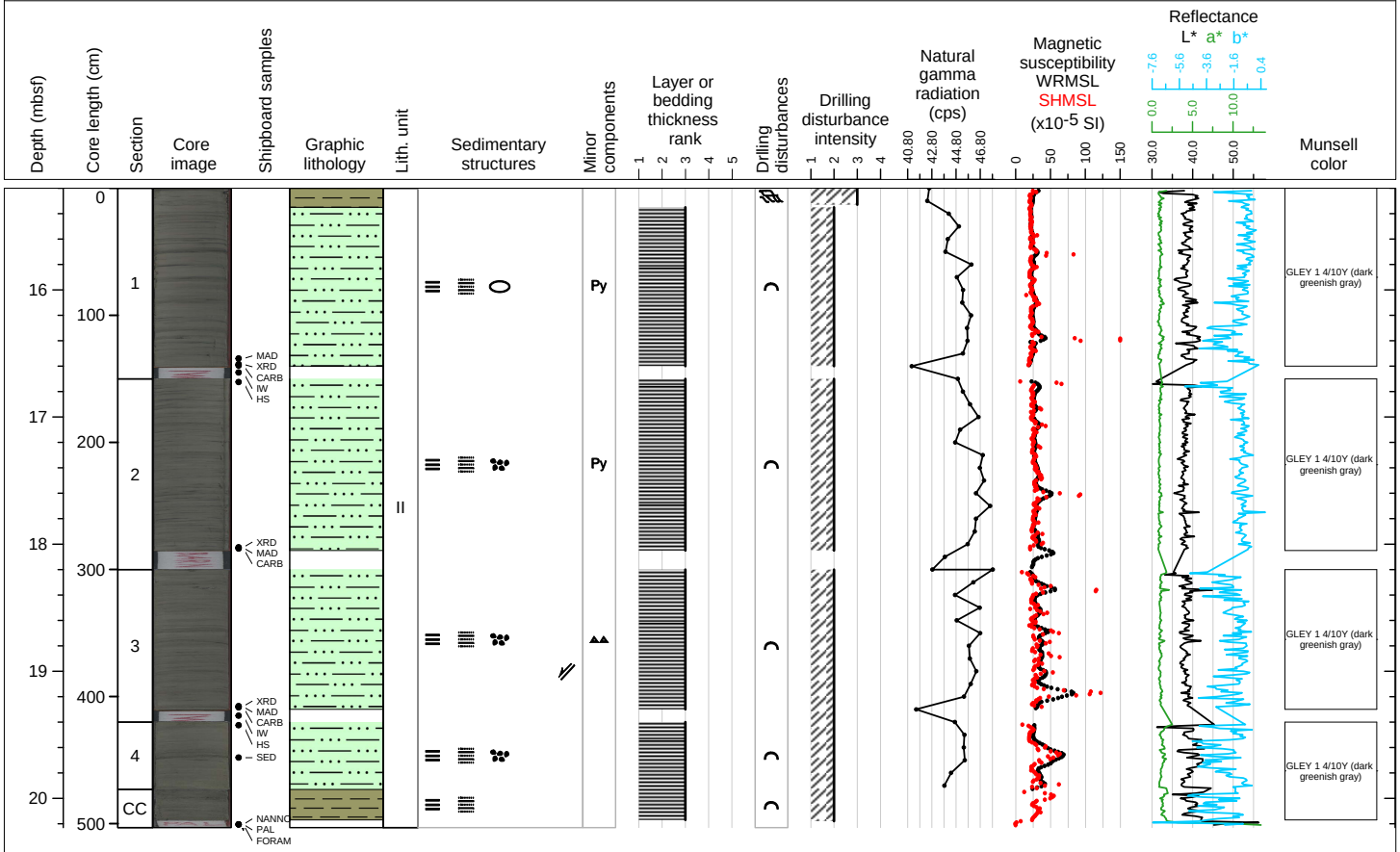
Hole 372-U1517C Core 2H, Interval 5.7-15.48 m (CSF-A)

Core 2 is made one main interval which is characterized by very thin beds of normally graded sands with sharp/erosional basal boundaries. Sand beds decrease in frequency with depth and become punctuating laminae.



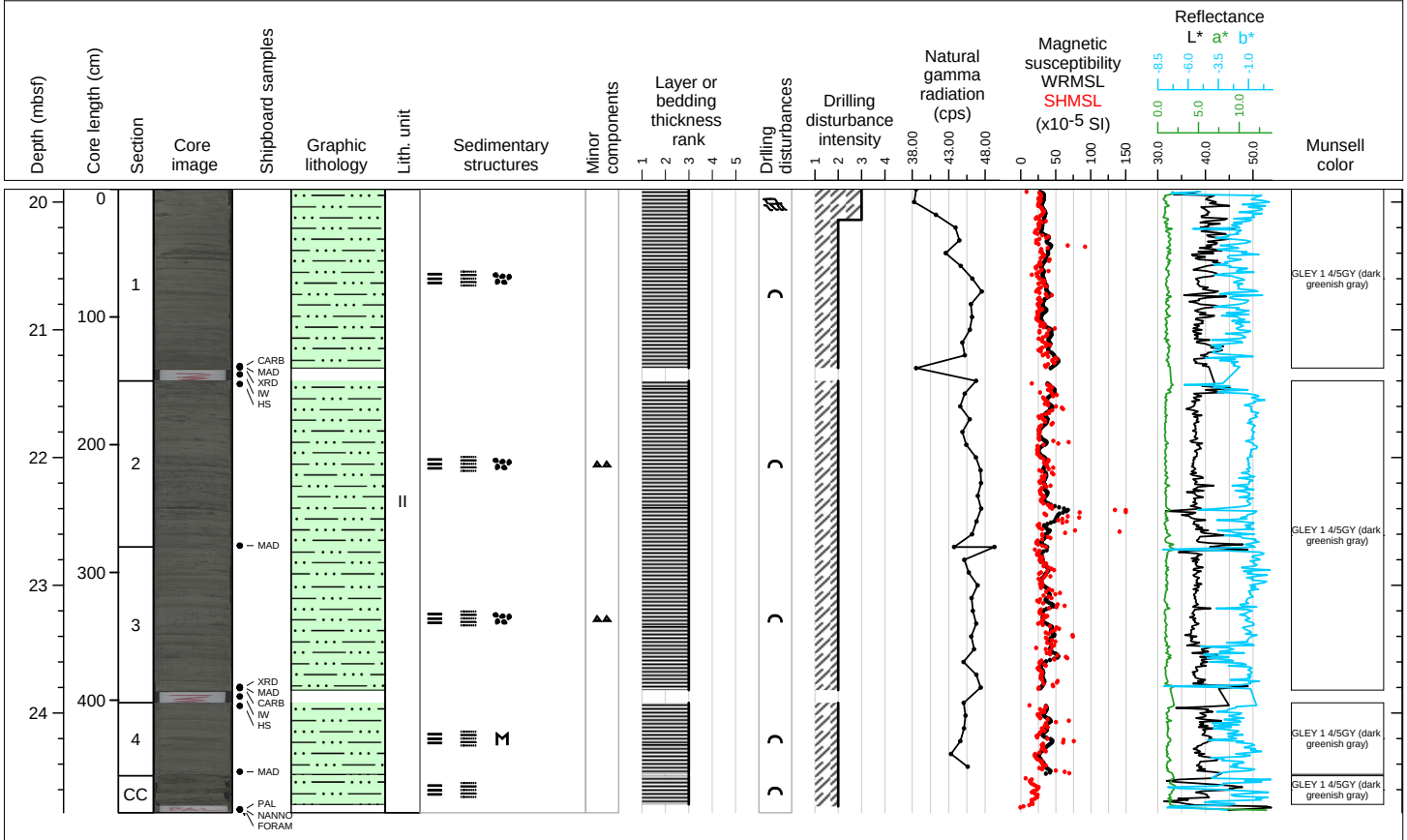
Hole 372-U1517C Core 3F, Interval 15.2-20.23 m (CSF-A)

Core 3 is characterized by greenish gray, very thin to medium, fine bedded normally graded silt with some sand. Dark mottling present throughout that may indicate presence of pyrite or organics. Some variation in grain size at the base of graded beds from silt to very fine sand. Shell material near the top of Section 3.



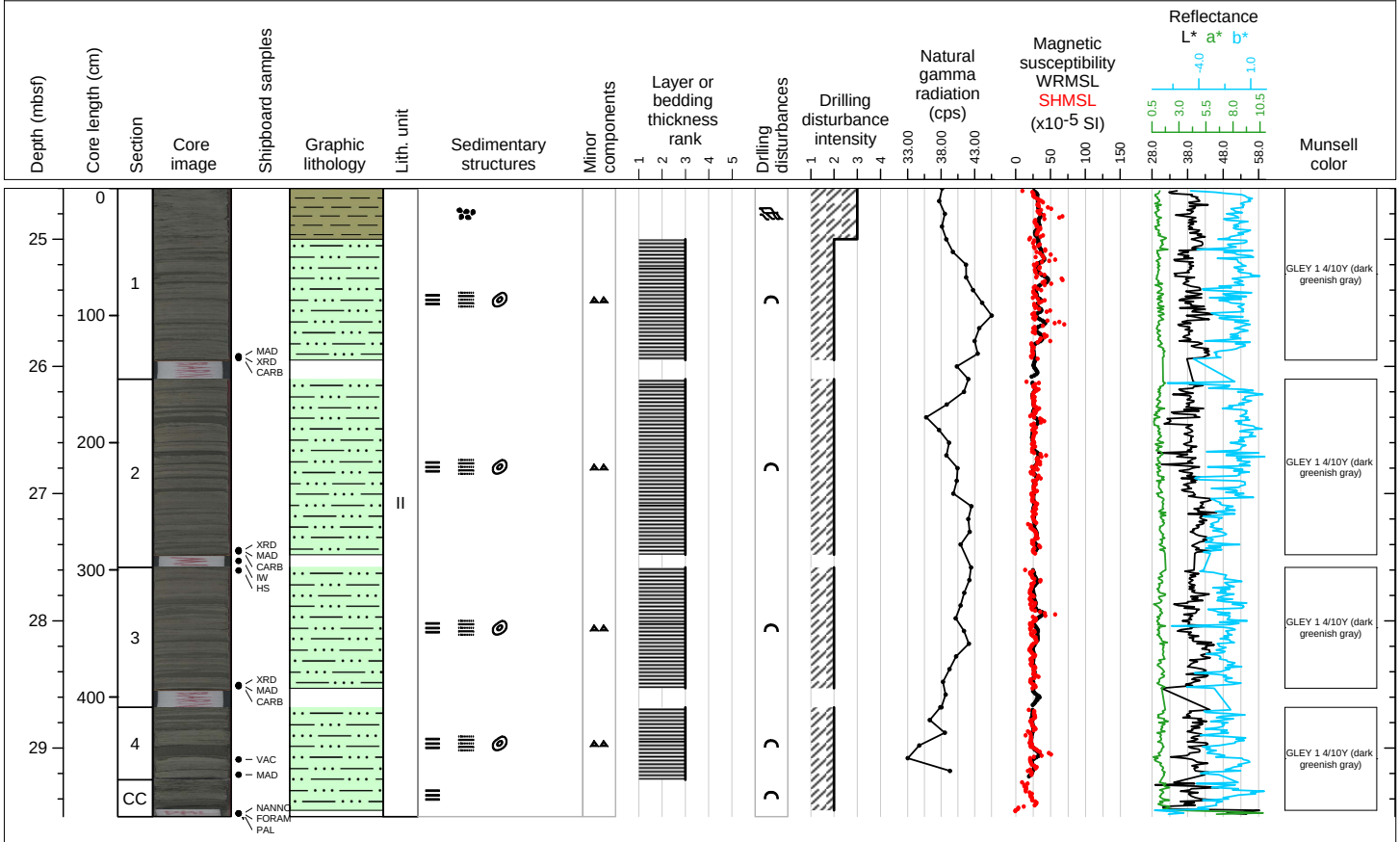
Hole 372-U1517C Core 4F, Interval 19.9-24.78 m (CSF-A)

Core 4 is characterized by greenish gray, very thin to medium, fine bedded normally graded silt with some sand. Dark mottling present throughout that may indicate presence of pyrite or organics. Some variation in grainsize at the base of graded beds from silt to very fine sand. Isolated shell fragments. Occasional very small ash blebs. Upper 20 cm of core is highly disturbed.



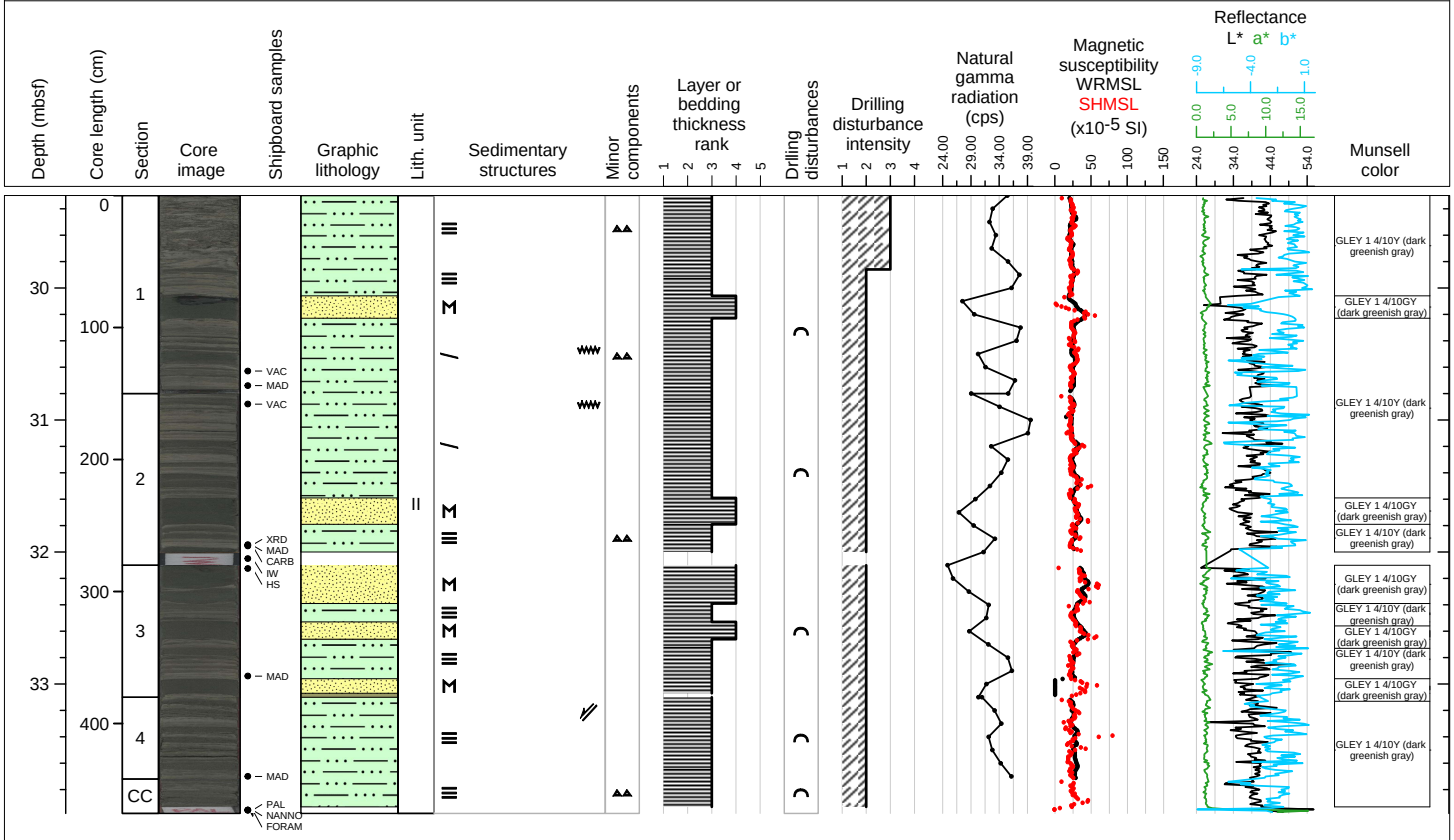
Hole 372-U1517C Core 5F, Interval 24.6-29.54 m (CSF-A)

Core 5 is characterized by dark greenish gray, very thin to medium bedded, normally graded fine to very fine sand to clayey silt. Very fine sand units are significantly thicker in this core than previous, ranging up to 80 mm of well sorted very fine sand with sharp base contacts and grading upwards to silty clay. Mottling is absent. Sparse 1-2 mm ash blebs. Upper 40 cm of core is highly disturbed.



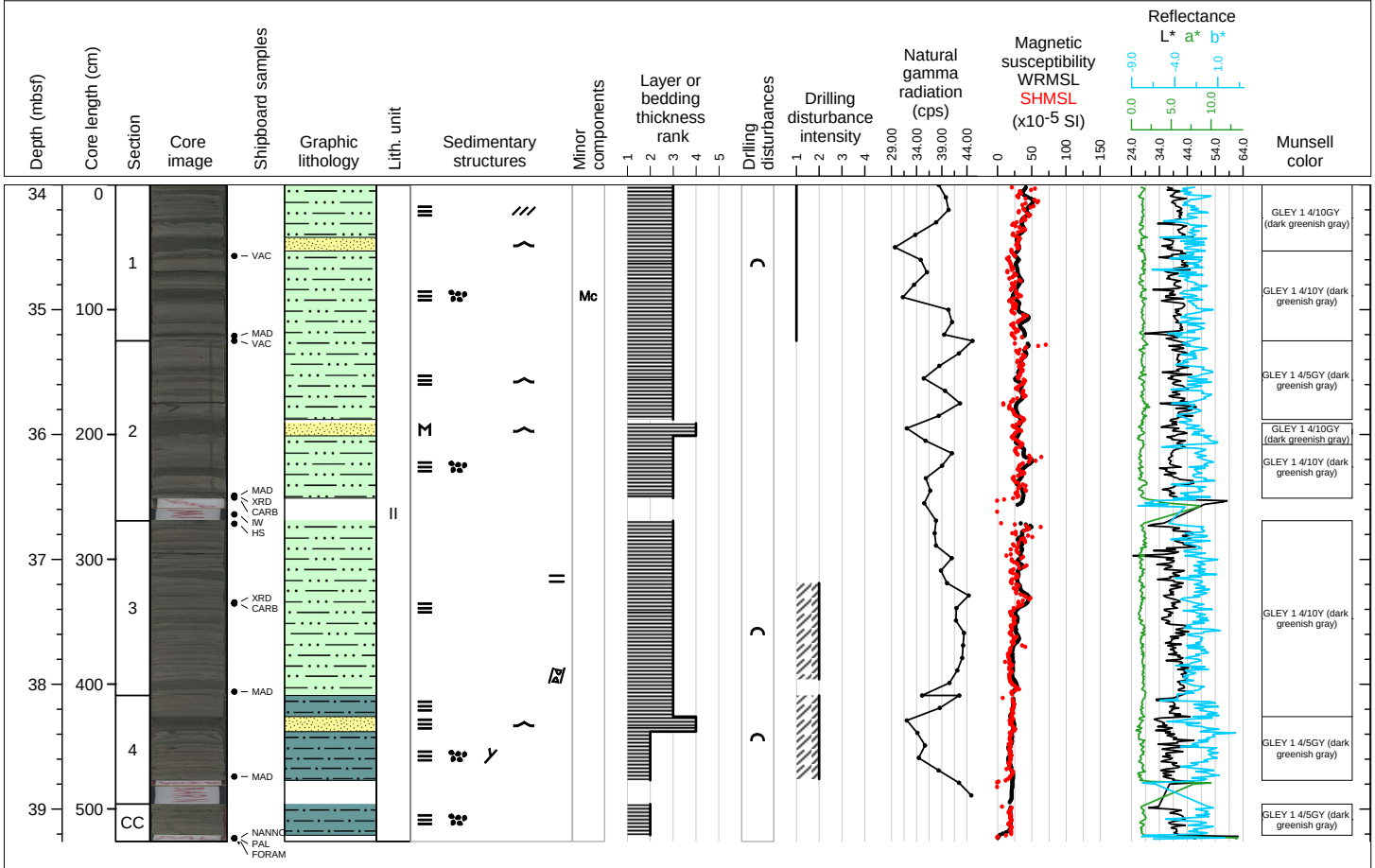
Hole 372-U1517C Core 6F, Interval 29.3-33.98 m (CSF-A)

Core 6 is characterized by dark greenish gray, very thin to medium bedded, normally graded fine to coarser sand (compared to previous sections) to clayey silt. Sand units are significantly thicker and more massive in this core than previous, up to 20 cm of well sorted vf sand with sharp base contacts and grading upwards to silty clay. Mottling present. Sparse 1-2 mm ash blebs. Upper 50 cm of core is soupy. Core is very dry and fractures, particularly in the sands that have little cohesion and at boundaries between sand and mud.



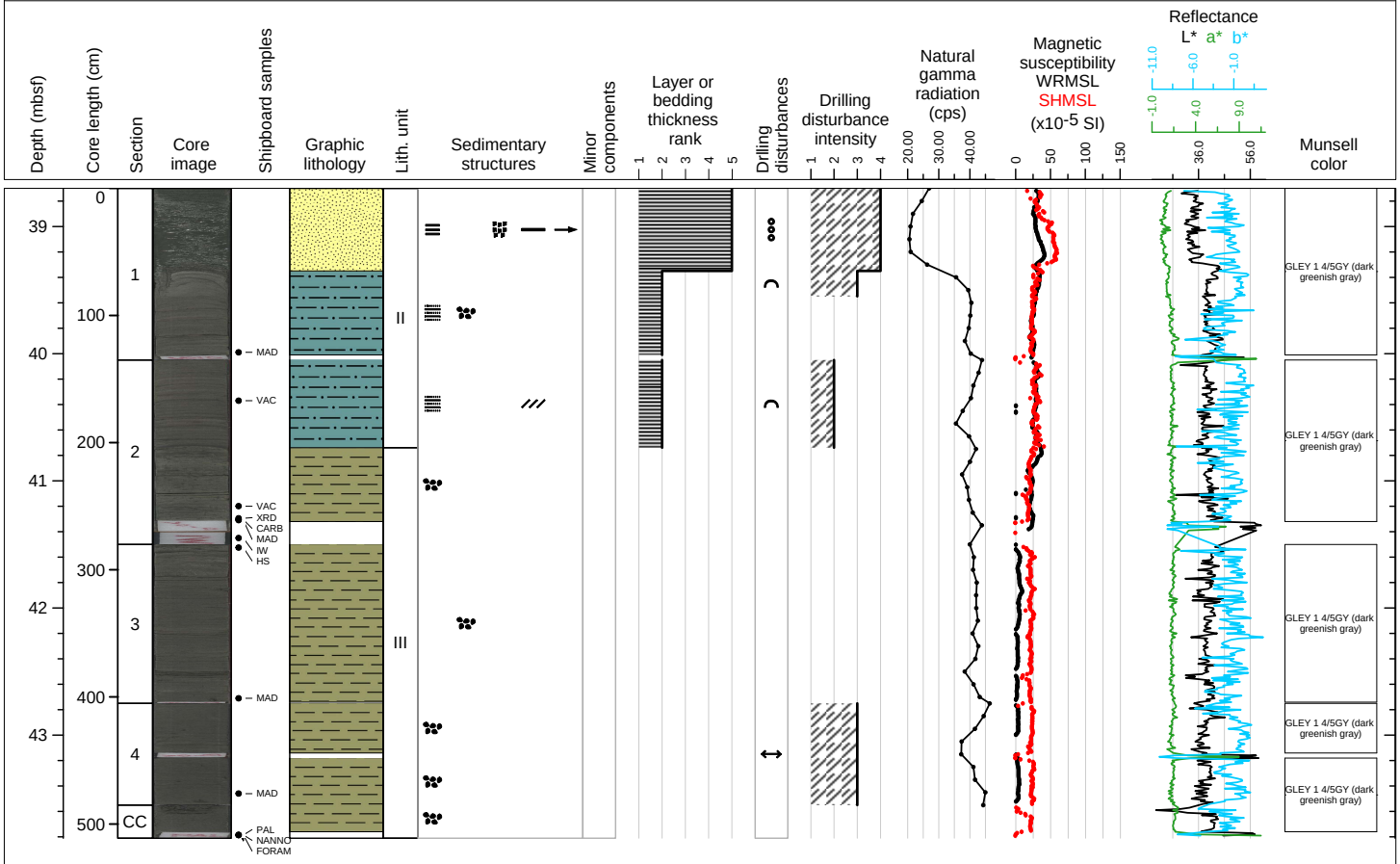
Hole 372-U1517C Core 7F, Interval 34.0-39.26 m (CSF-A)

Core 7 is characterized by alternating dark greenish thinly-bedded sand and clay layers. In places it is made of alternating thinly bedded silt and clay layers. The sandy beds are mostly graded (between fine sand up to clay) with scoured bases, some of them very pronounced, but there are also some massive sands. At the bottom of section 3 there are two stacked sands, the top one scouring into the bottom one. The top one is coarser (medium sand) and lighter colored, the bottom one is like all the other sand layers encountered so far (fine sand and dark greenish). The top sand contains a lot of volcaniclastic grains, quartz and zircon.



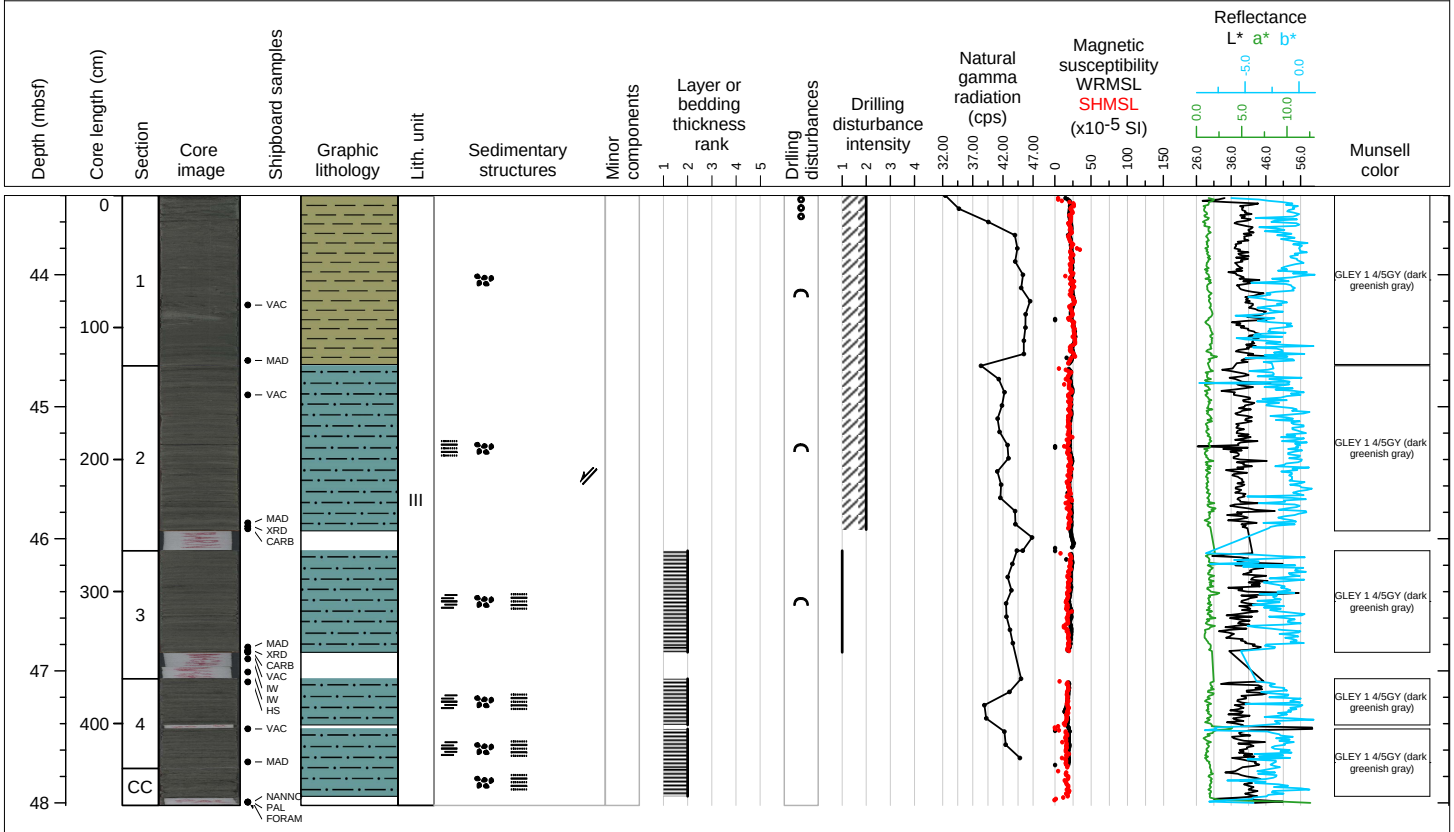
Hole 372-U1517C Core 8F, Interval 38.7-43.81 m (CSF-A)

Core 8 is distinctly different to the cores above and comprises two units; it starts with a very soupy, fluidized fine sand, with no primary structures preserved which is attributed to drilling disturbance and then continues with a alternating thin sand and mud layers. A sharp change in lithology follows a dark band of clayey silt at 6cm in section 2. Below this mottled, greenish gray clayey silt with some clasts and convolute bedding is found.



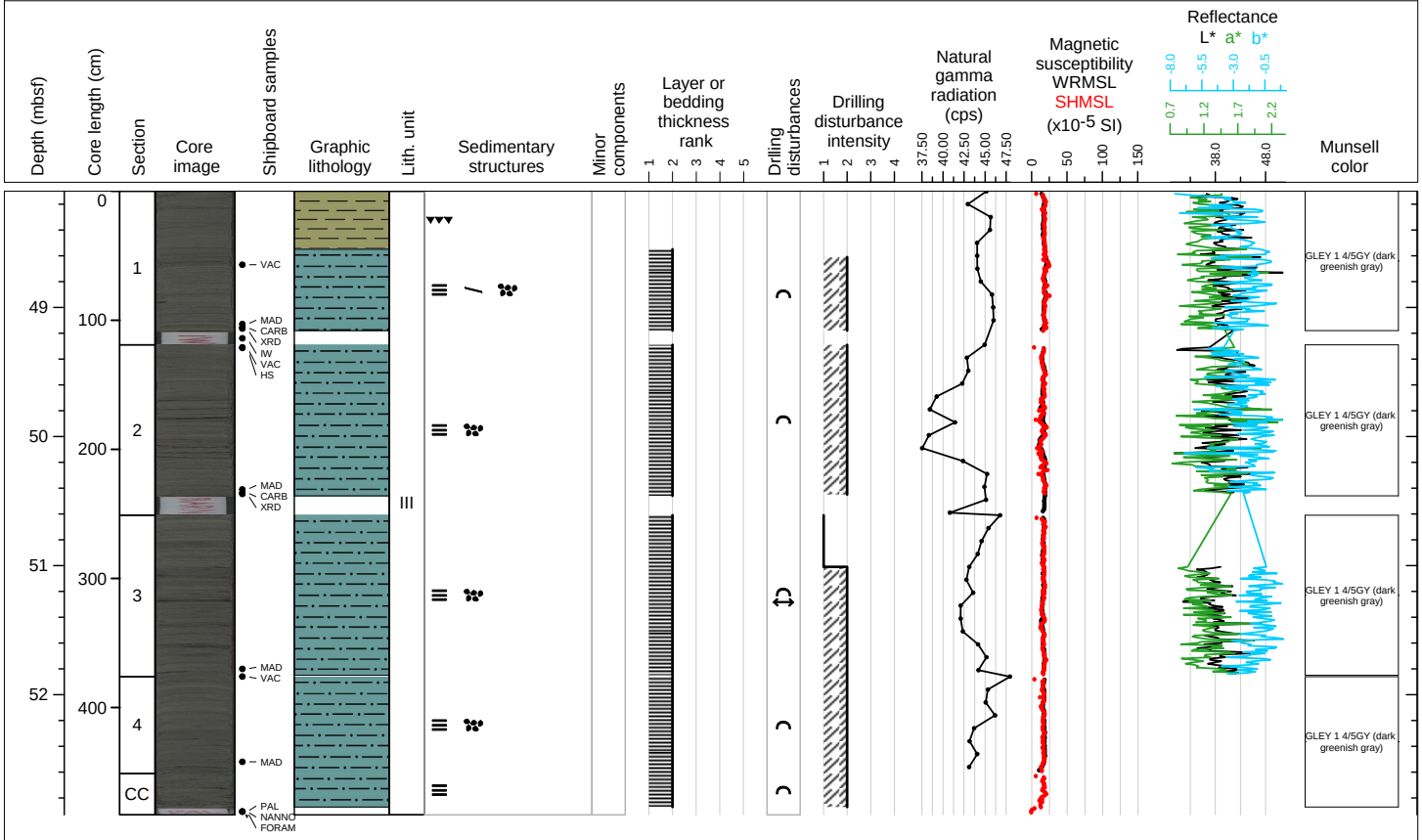
Hole 372-U1517C Core 9F, Interval 43.4-48.02 m (CSF-A)

Core 9 consists of two intervals; the top interval is characterized by clayey silt layers with color banding, mottling, and shell fragments. The bottom interval is similar to the top but includes very thin bedded layers of very fine to fine sand with erosional basal contacts.



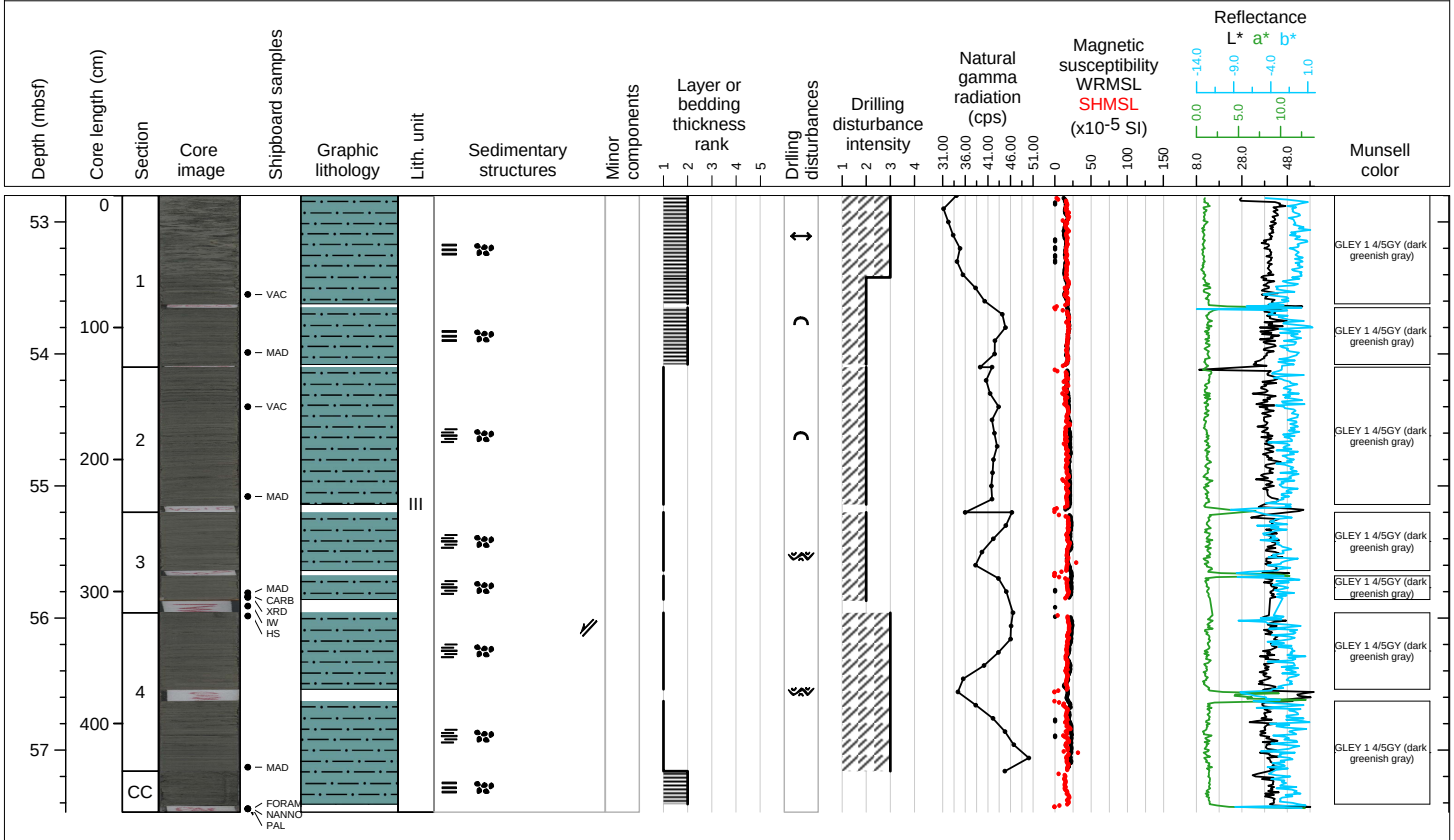
Hole 372-U1517C Core 10F, Interval 48.1-52.93 m (CSF-A)

Core 10 consists of alternations of silt and clay layers (couplets). For the most part of the core the alternation has the appearance of rhythmites but they seem compressed (sheared).



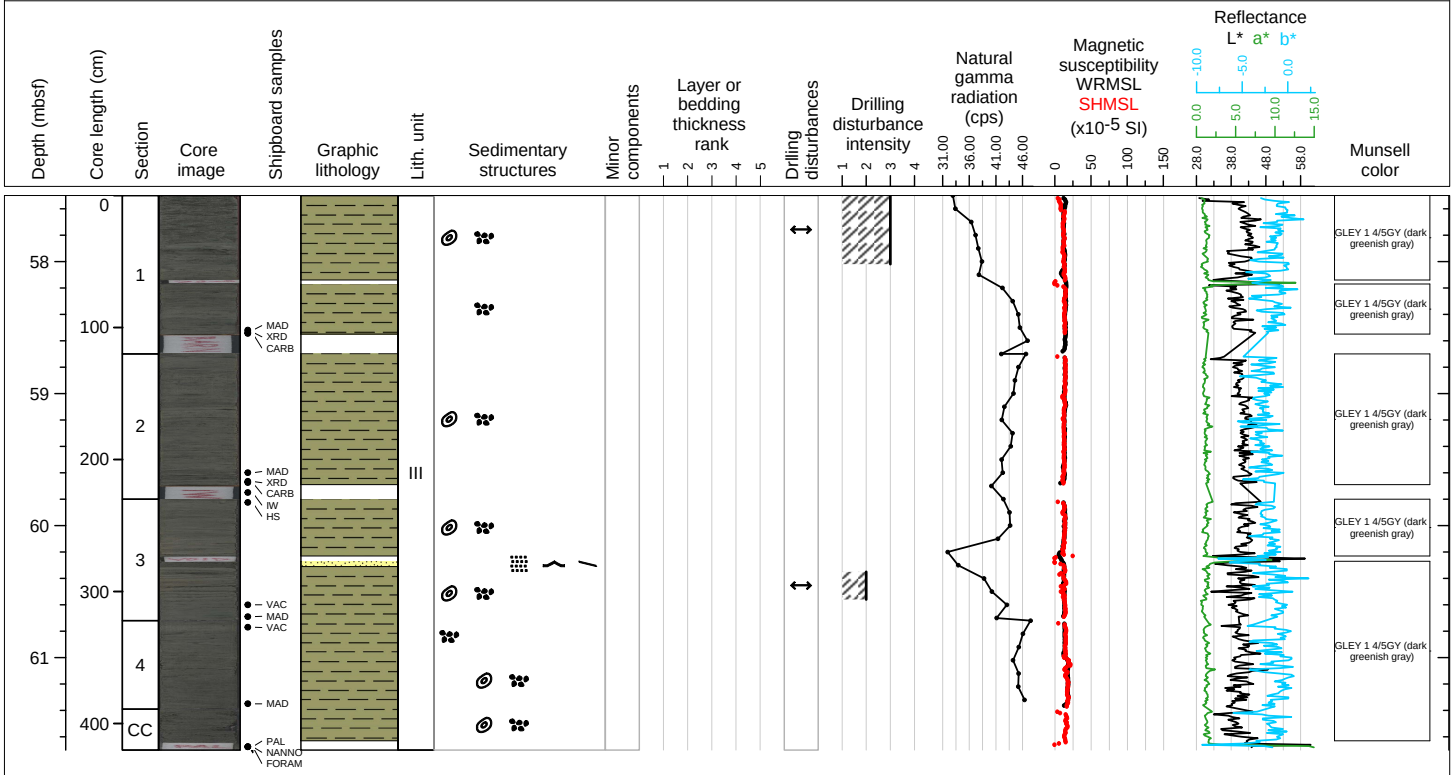
Hole 372-U1517C Core 11F, Interval 52.8-57.47 m (CSF-A)

Core 11 consists of alternations of silt and clay layers (couplets). For the most part of the core the alternation has the appearance of rhythmites.



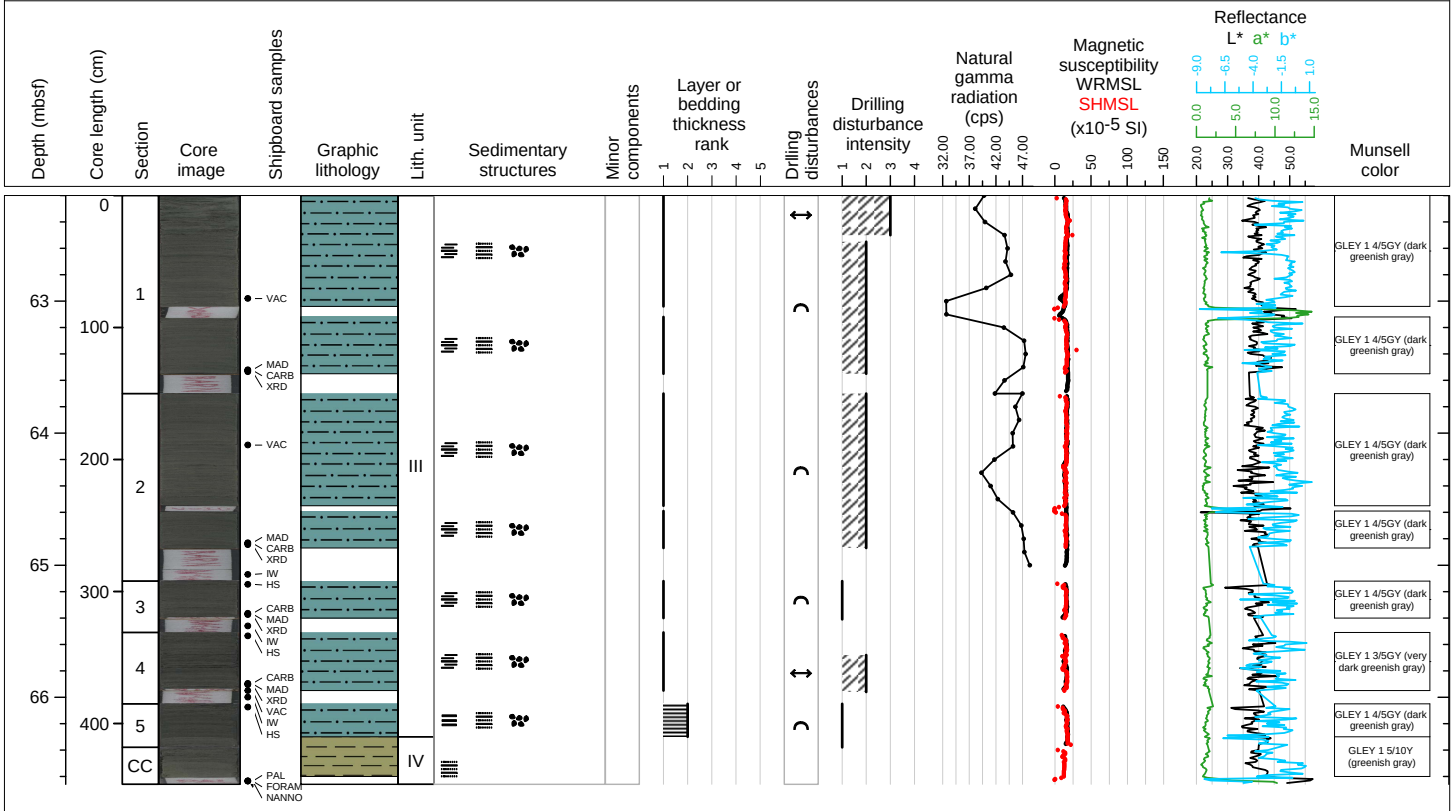
Hole 372-U1517C Core 12F, Interval 57.5-61.7 m (CSF-A)

Core 12 consists of two intervals. The top interval is made of clayey silt with a lot of mottling, interrupted only by a sandy, graded layer (top is missing due to void sampling). The lower part of the core is occupied by a similar sediment with the difference that it looks chaotic.



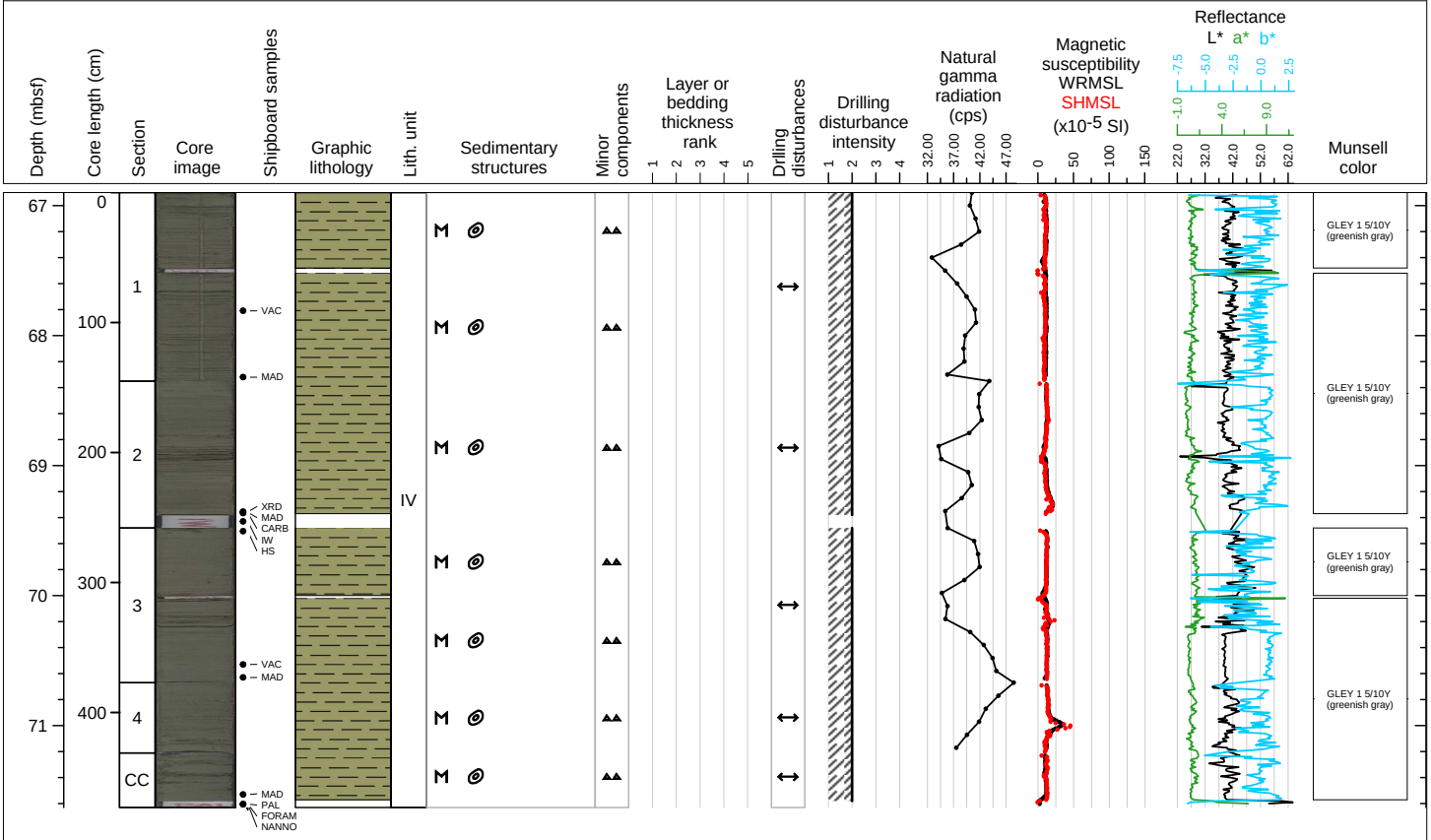
Hole 372-U1517C Core 13F, Interval 62.2-66.66 m (CSF-A)

Core 13 consists of alternations of couplets of sharp-base silt and clayey silt giving the impression of rhythmic deposition. Color banding is also rhythmic and gets more organic-rich towards the bottom. Core catcher is made of clayey silt with no alternations.



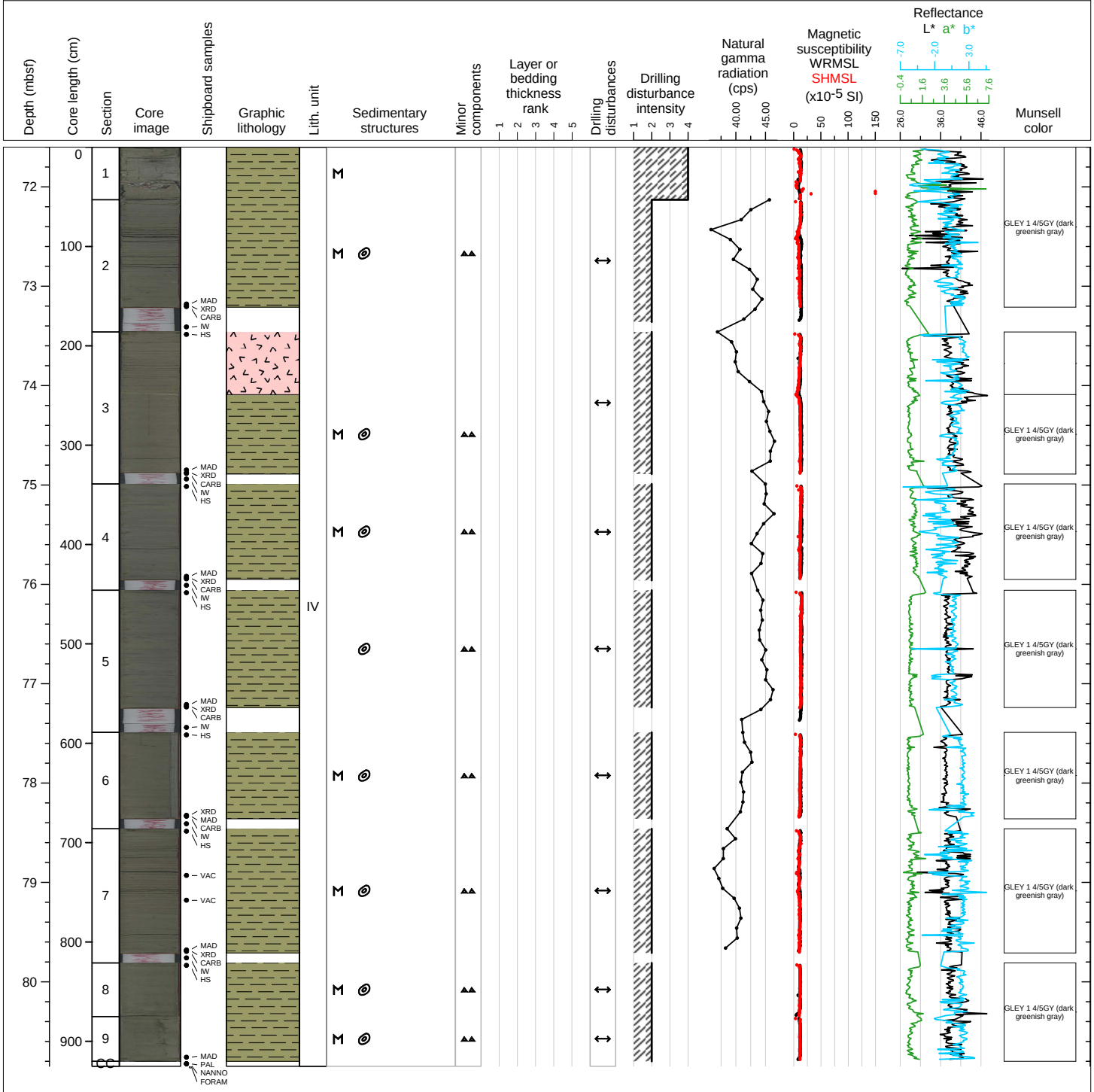
Hole 372-U1517C Core 14F, Interval 66.9-71.63 m (CSF-A)

Core 14 consists of massive dark grayish green clayey silt with scattered ash blebs but no continuous ash beds and occasional shell fragments. Little or no color banding or mottling. A thin sand bed is found near the base of section 2.



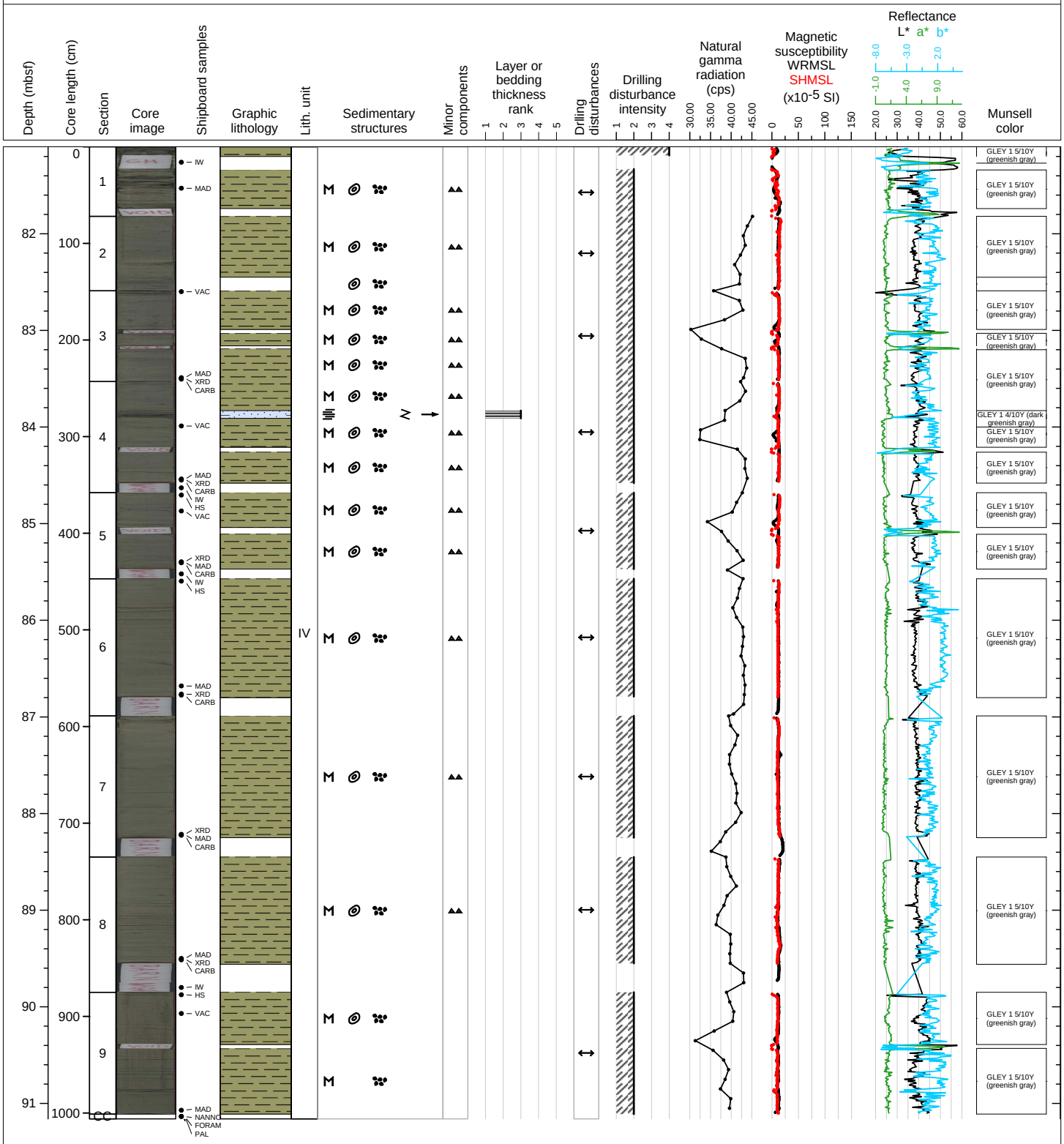
Hole 372-U1517C Core 15H, Interval 71.6-80.85 m (CSF-A)

Core 15 consists of massive dark greenish gray clayey silt with scattered ash and shells blebs. One-cm thick ash layer in section 3 with scattered ash blebs below. Scattered shell fragments are found throughout. Variable mottling.



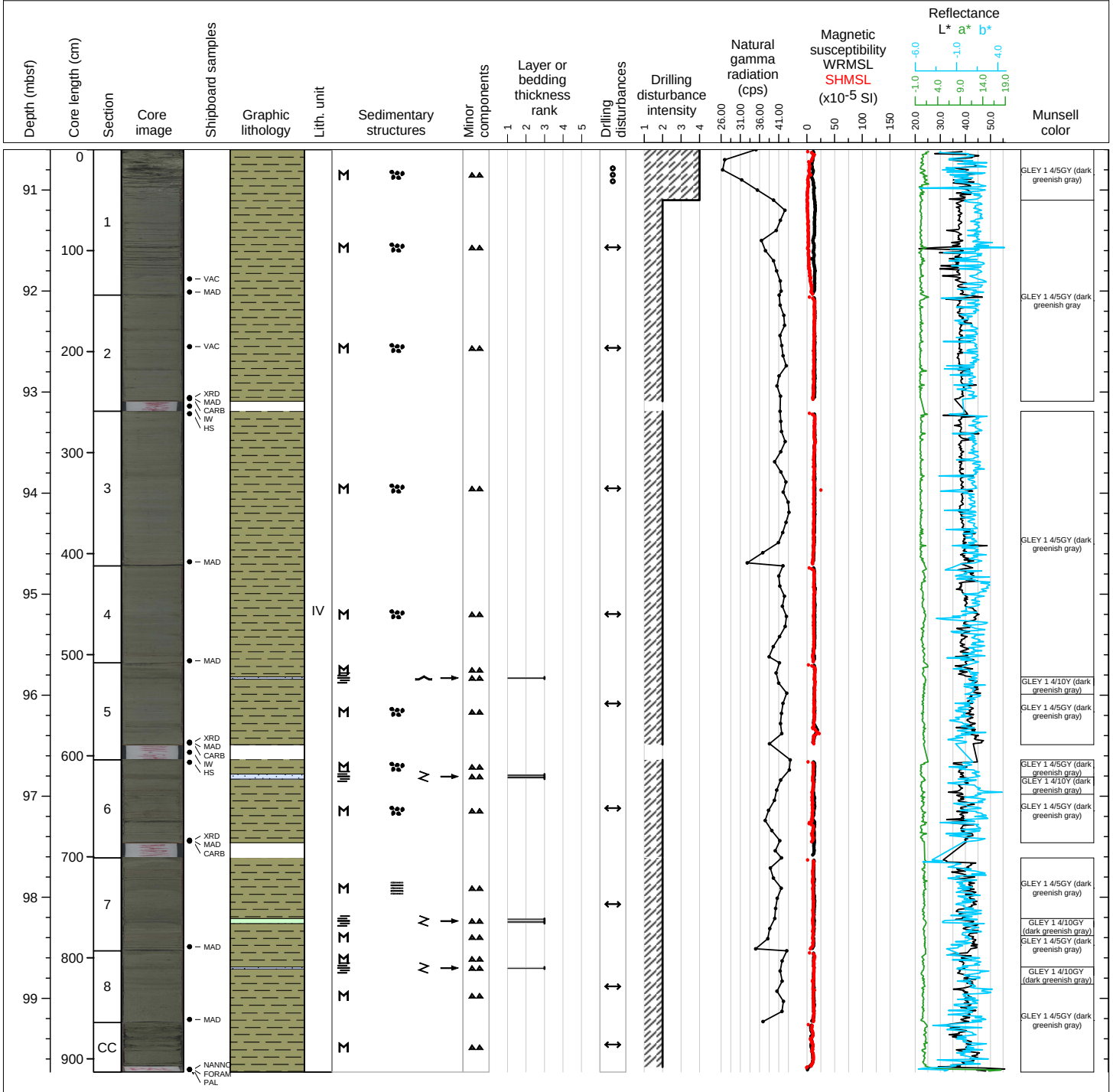
Hole 372-U1517C Core 16H, Interval 81.1-91.16 m (CSF-A)

Core 16 consists of massive, dark greenish gray, clayey silt with scattered ash blebs and shell fragments. Sparse dark mottles.



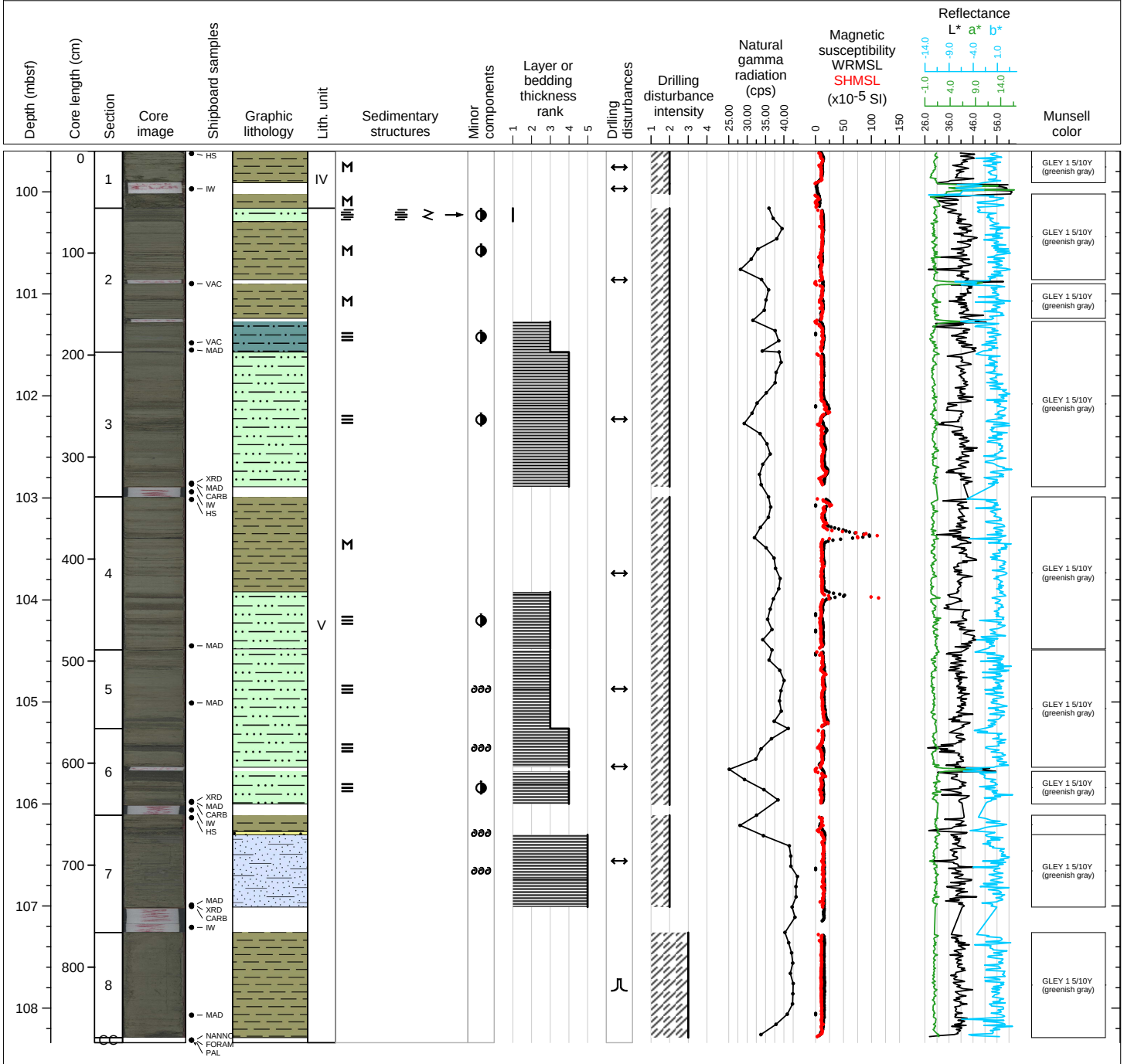
Hole 372-U1517C Core 17H, Interval 90.6-99.73 m (CSF-A)

Core 17 consists of massive, dark greenish gray, clayey silt with scattered ash blebs and shell fragments and a few silty layers 1-2 cm-thick.



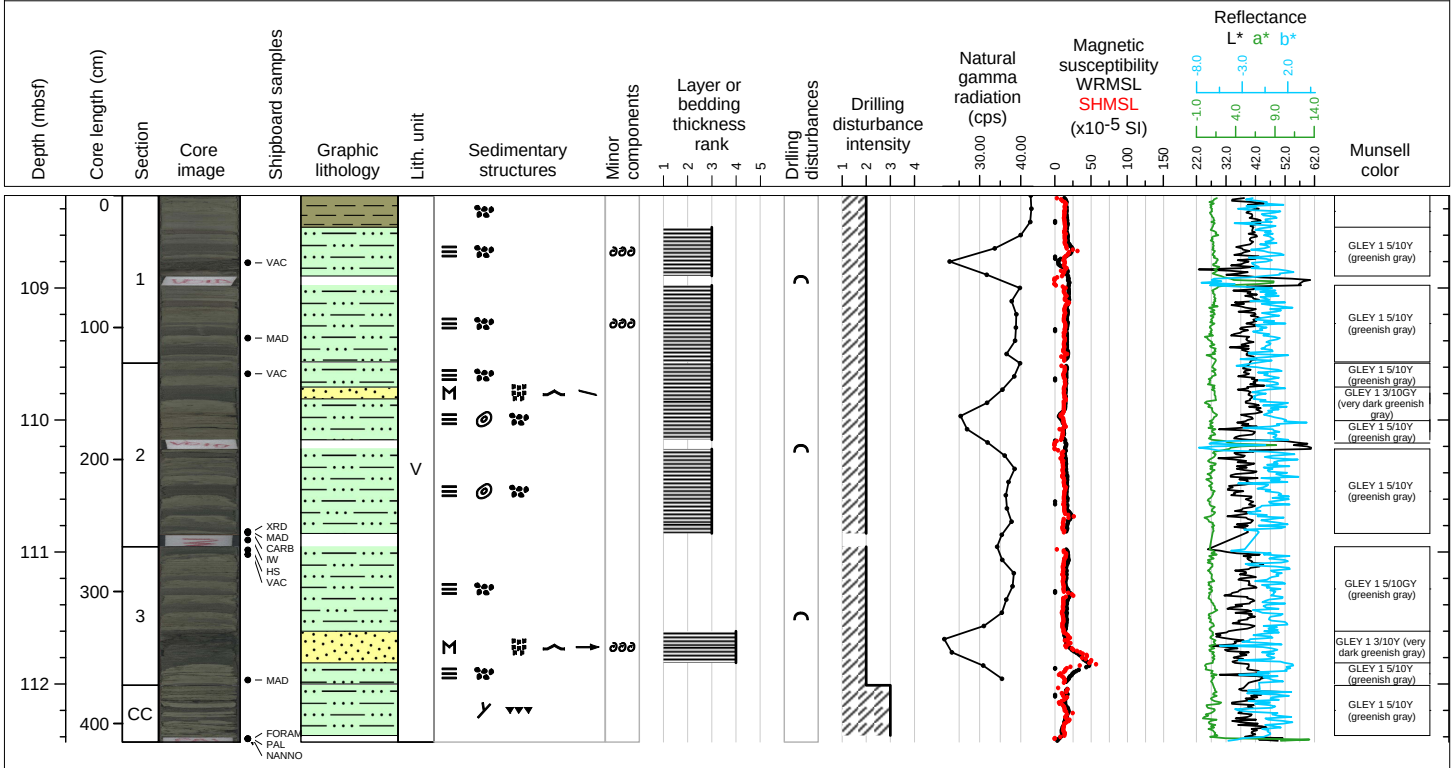
Hole 372-U1517C Core 18H, Interval 99.6-108.34 m (CSF-A)

Core 18 consists of two units; a dark grayish green unit of alternating clayey silt with sharp based graded beds from sand to silt at the top and a unit that contains a significant amount of shell material below.



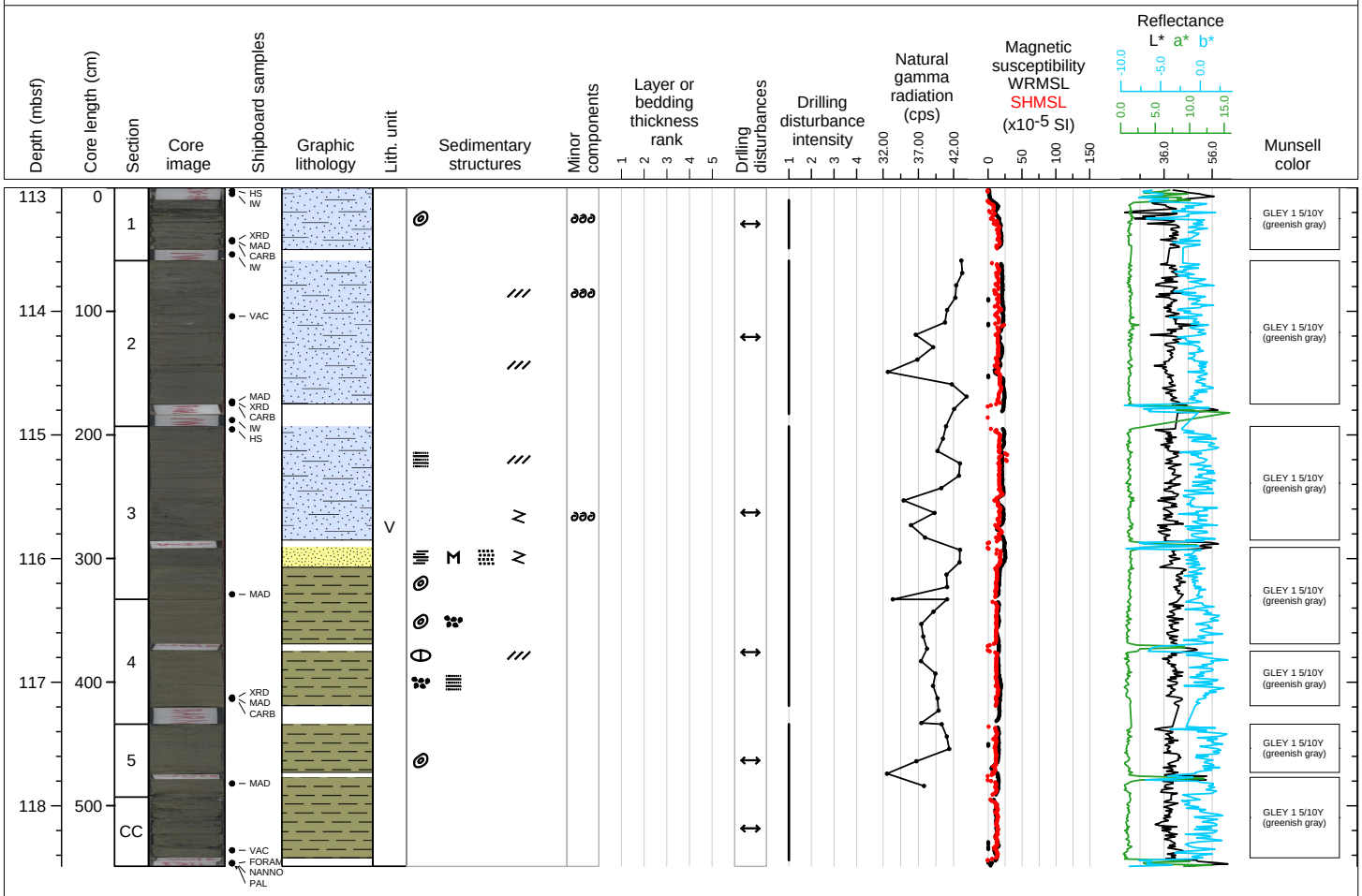
Hole 372-U1517C Core 19F, Interval 108.3-112.44 m (CSF-A)

Core 19 consists of two intervals. The dominant lithology is a greenish gray alternating sand and mud. Towards the base of the core this interval displays deformation and convolution. The second interval is a dark greenish gray, normally graded, medium to fine sand layer with micaceous and small shell fragments.



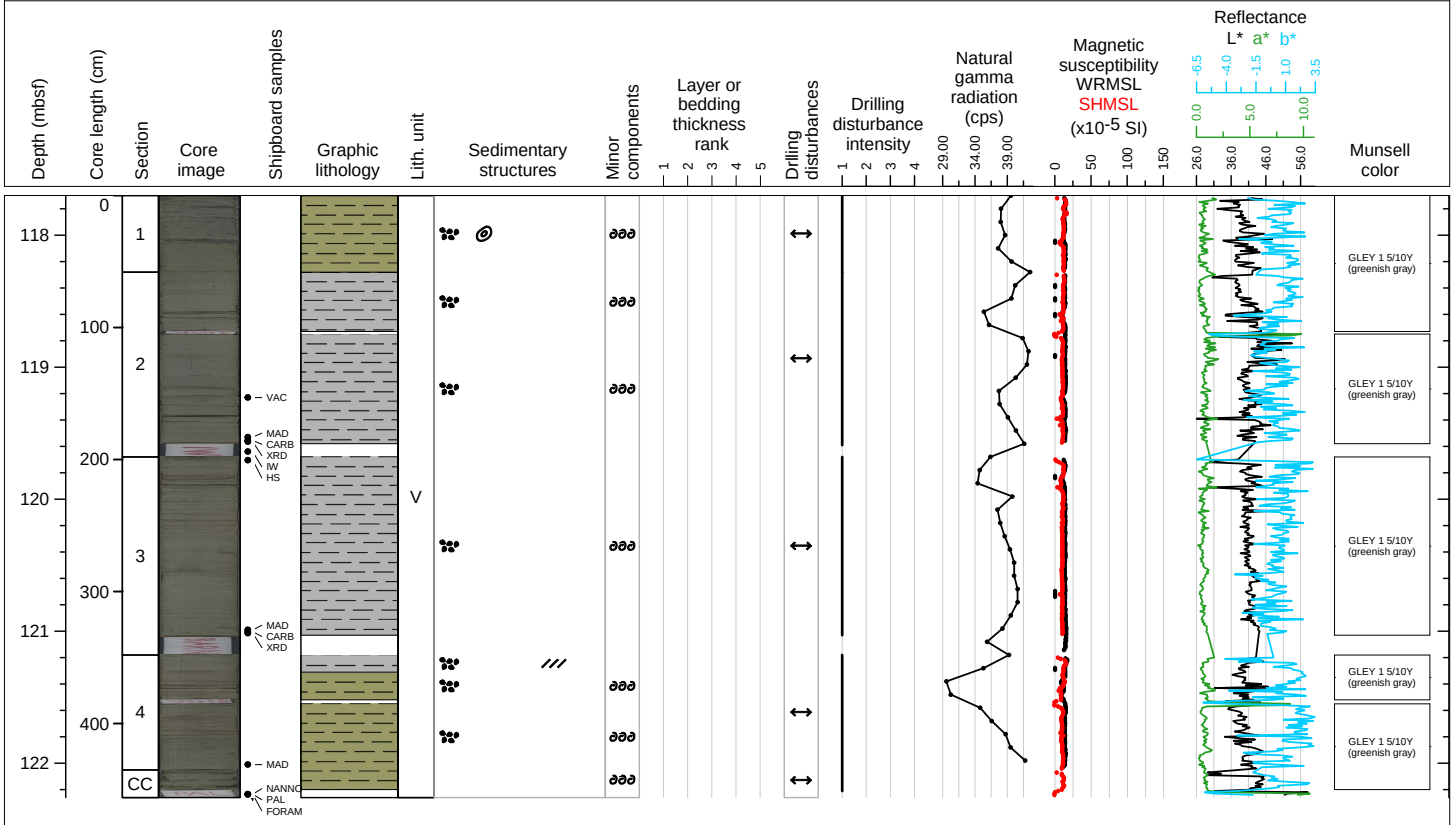
Hole 372-U1517C Core 20F, Interval 113.0-118.49 m (CSF-A)

Core 20 consists of two intervals. The top is mostly silty with some clay contributing. The most striking features are two intervals of large bivalve shell content (some broken some whole). At the base of this there is a 3cm layer of very fine sand with sharp base and top. Below it is the second interval which has more clay (clayey silt) and is punctuated by occasional laminae of very fine sand.



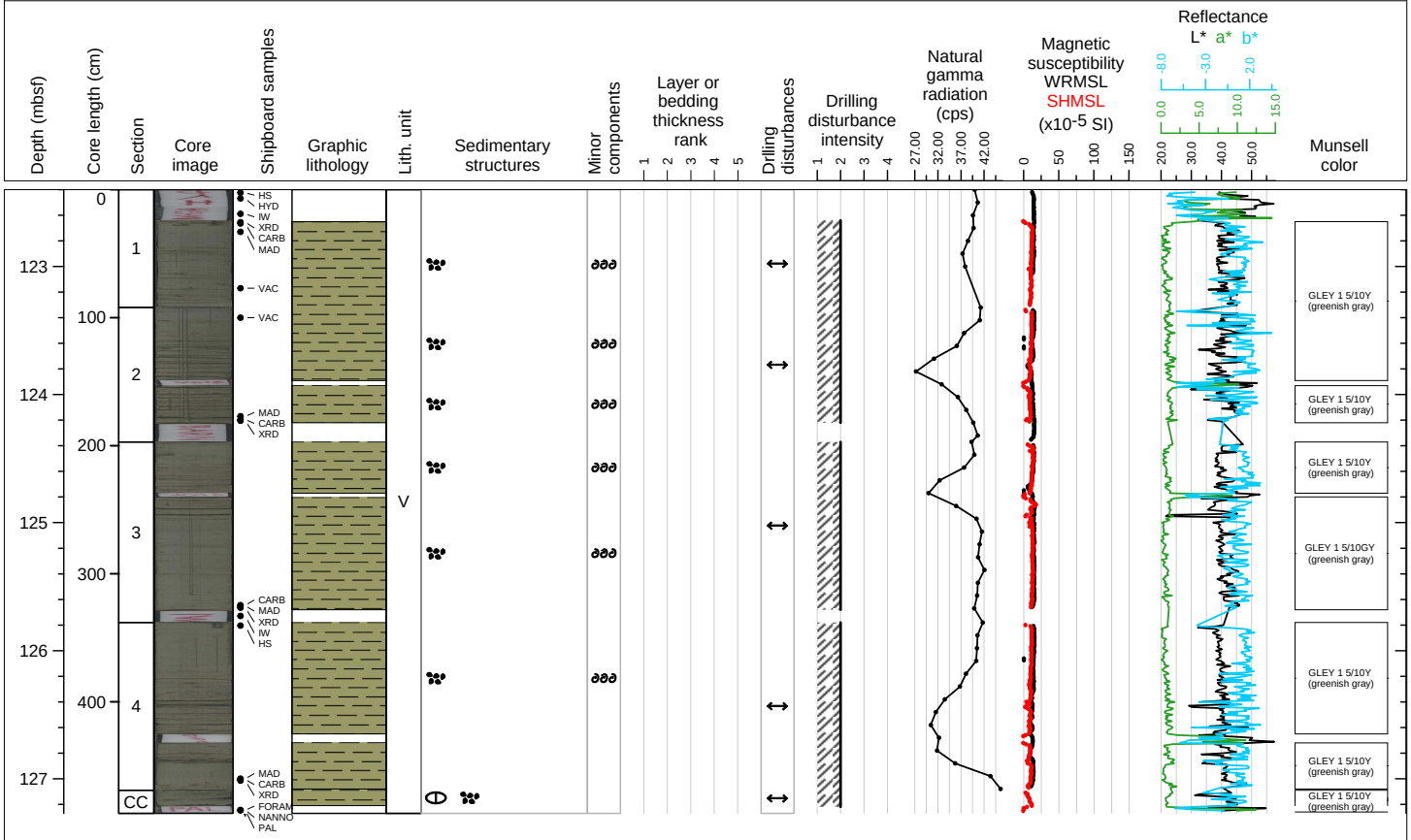
Hole 372-U1517C Core 21F, Interval 117.7-122.26 m (CSF-A)

Core 21 consists of massive, homogenous greenish gray clay with increasing amount of silt downcore. A couple of laminae of very fine sand (or coarse silt) punctuate the core but overall it is quite homogeneous and featureless



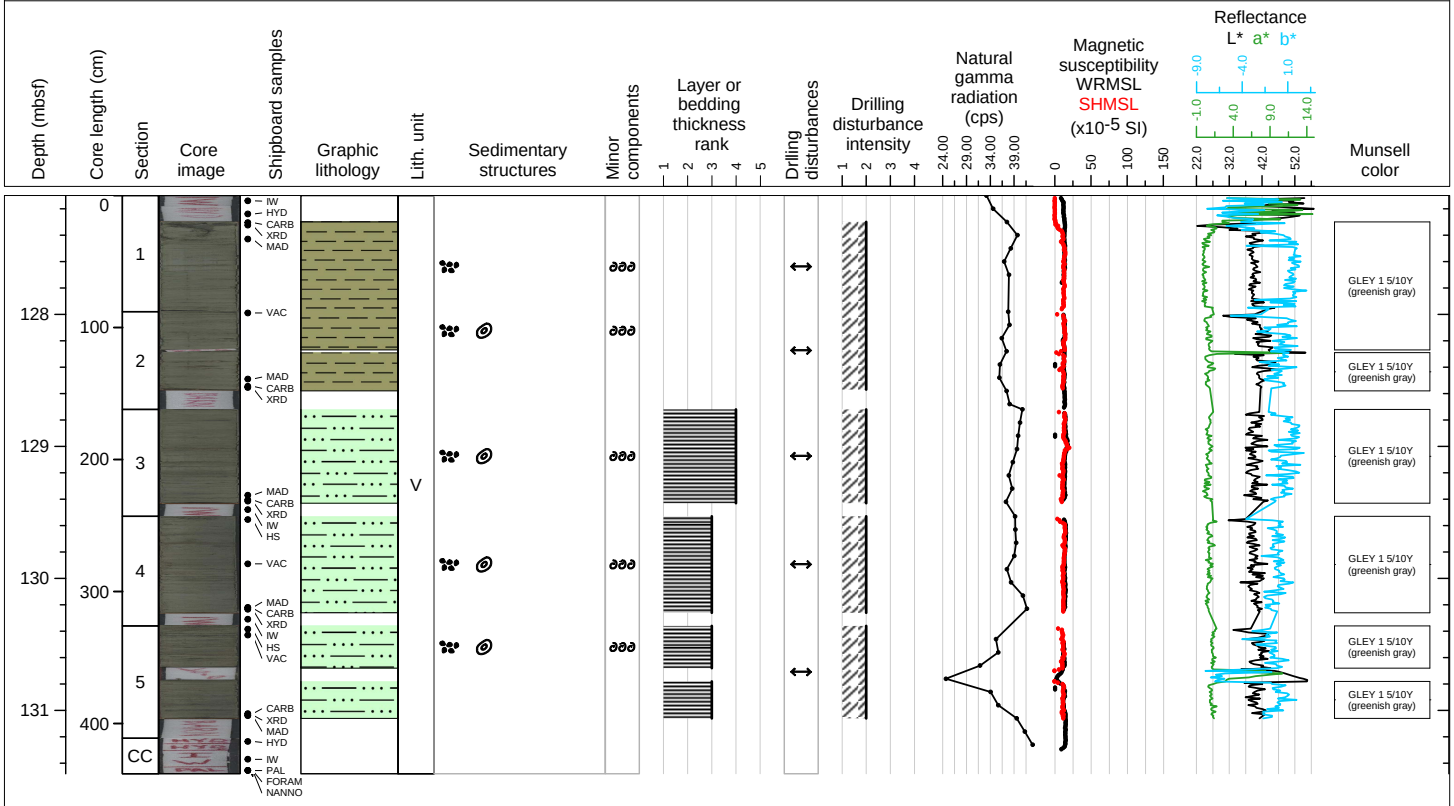
Hole 372-U1517C Core 22F, Interval 122.4-127.27 m (CSF-A)

Core 22 is all one unit, massive, homogeneous greenish gray clay with some silt, very compact and featureless apart from occasional scattered shell fragments.



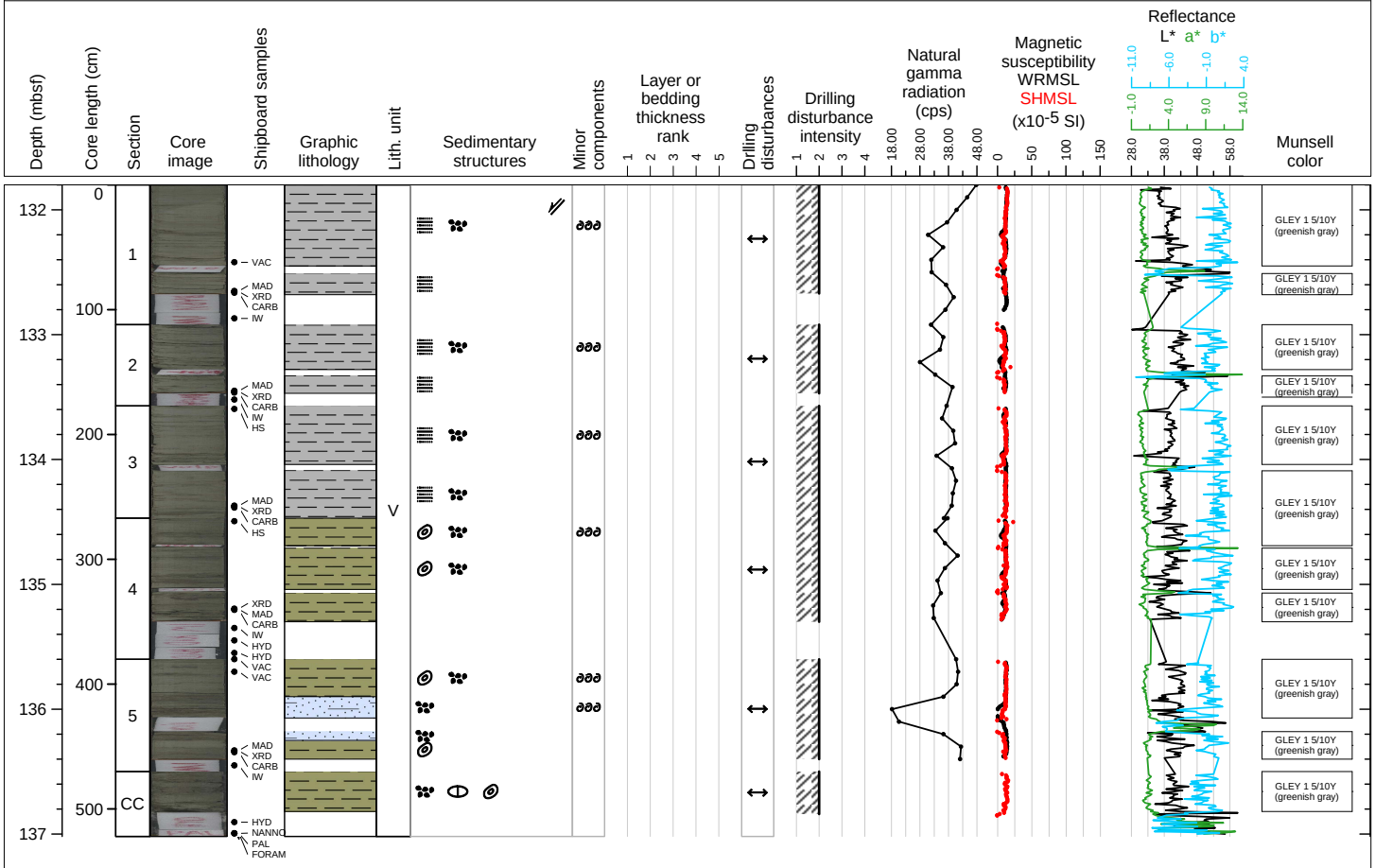
Hole 372-U1517C Core 23F, Interval 127.1-131.48 m (CSF-A)

Core 23 is characterized by greenish gray clayey silt with sporadic sand blebs and towards the bottom a few very thin fine sand beds



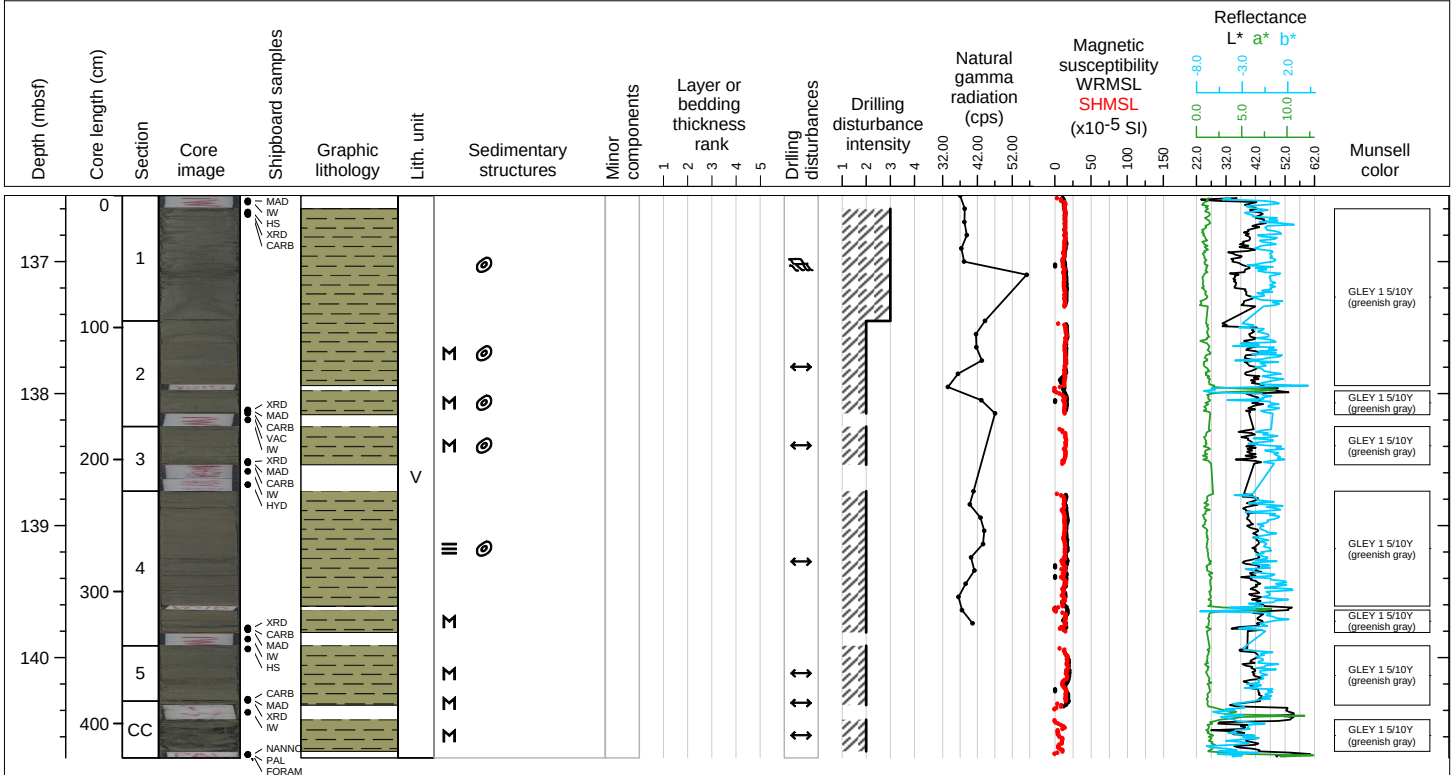
Hole 372-U1517C Core 24F, Interval 131.8-137.02 m (CSF-A)

Core 24 is characterised by greenish gray clayey silt with sporadic sand blebs and a few very thin (<1 cm) fine sand beds. A well formed fault near the top offsets a fine sand bed.



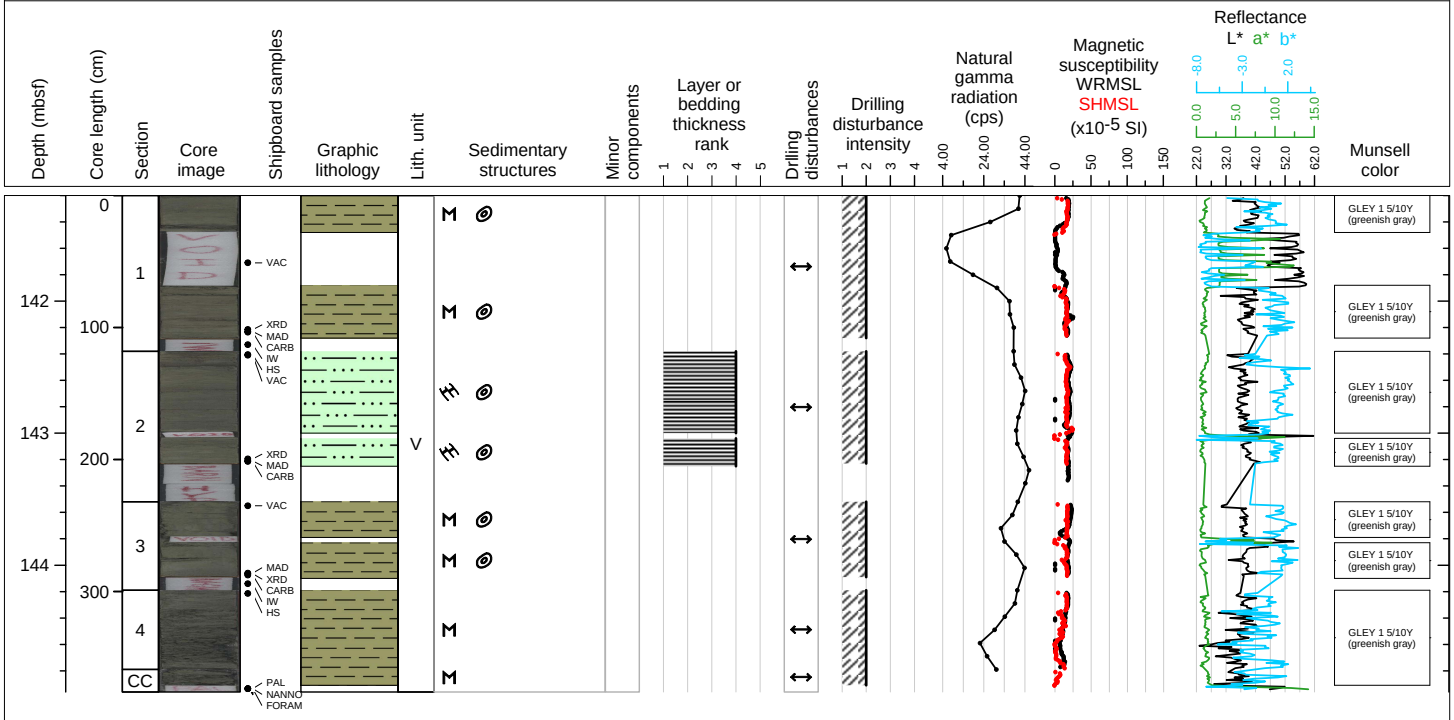
Hole 372-U1517C Core 25F, Interval 136.5-140.76 m (CSF-A)

Core 25 is characterized by greenish gray clayey silt with sporadic sand blebs. The upper section has experienced significant drilling disturbance resulting in vertical bed orientation.



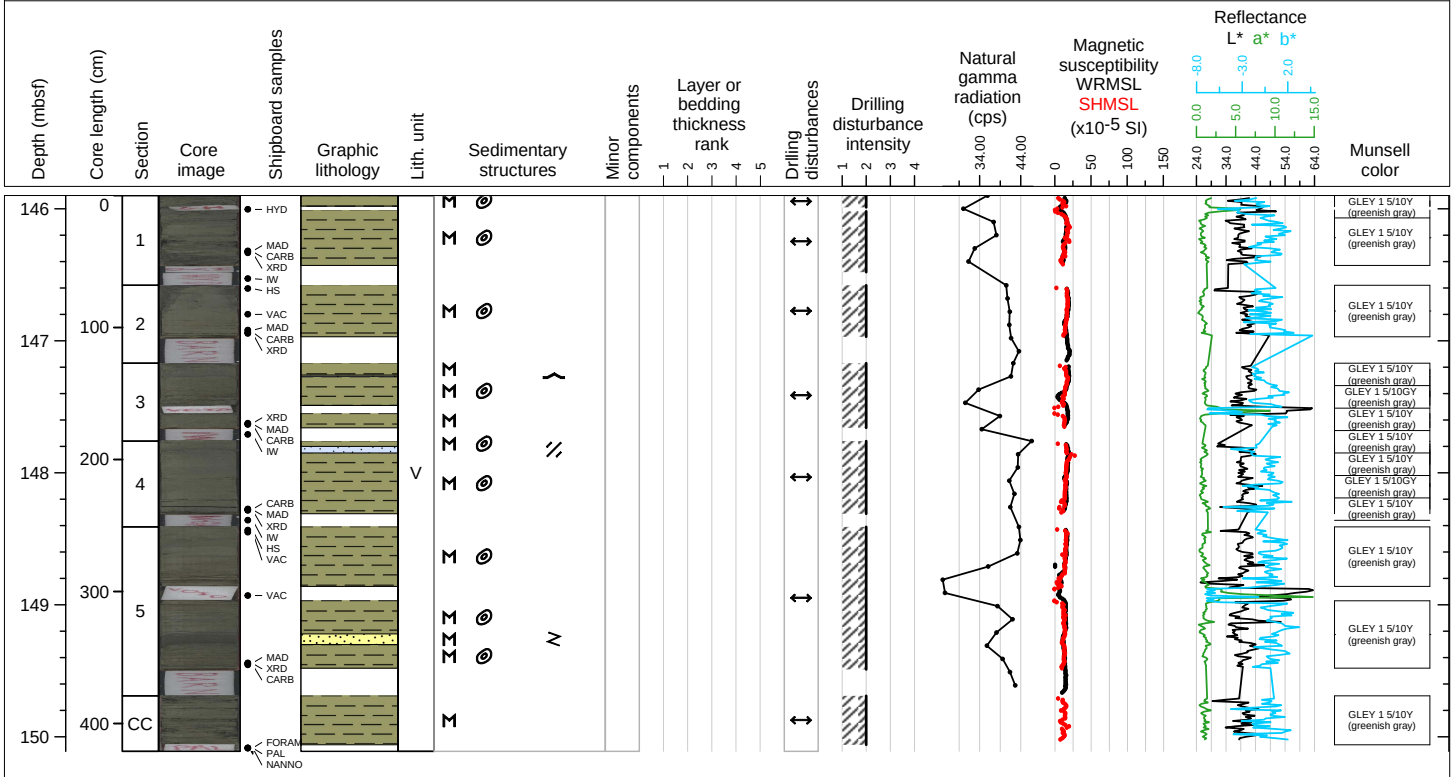
Hole 372-U1517C Core 26F, Interval 141.2-144.96 m (CSF-A)

Core 26 consists of greenish gray mottled clayey silt with occasional fine sand beds. Light colored blebs occur throughout. Sand along the core liner is likely to be drilling related and has migrated into the core where gas cracking has occurred.



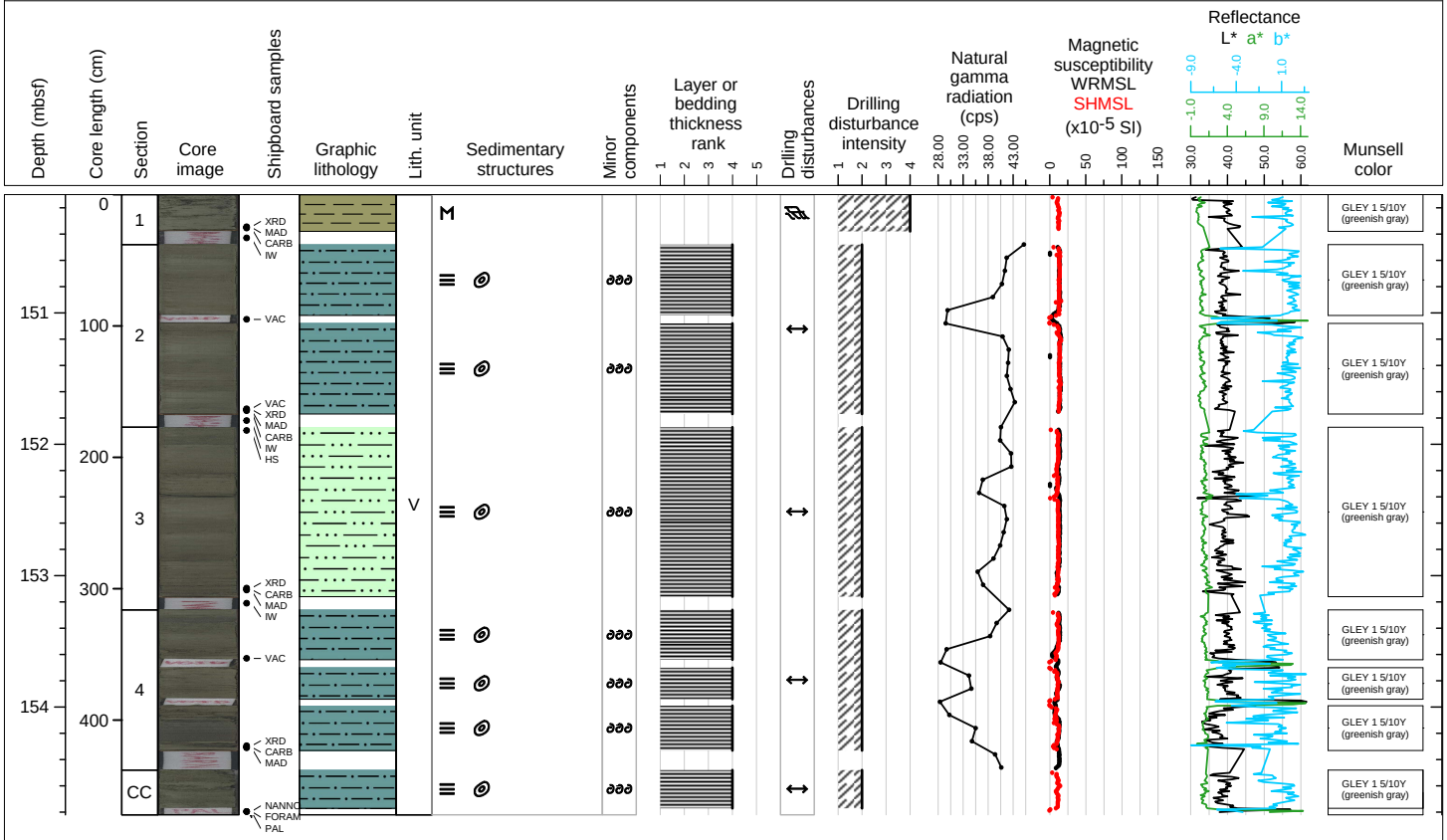
Hole 372-U1517C Core 27F, Interval 145.9-150.11 m (CSF-A)

Core 27 consists of greenish gray mottled clayey silt with occasional fine sand beds. Light colored blebs occur throughout. Sand along some sections within the core liner is likely to be drilling related and has migrated into the core where gas cracking has occurred.



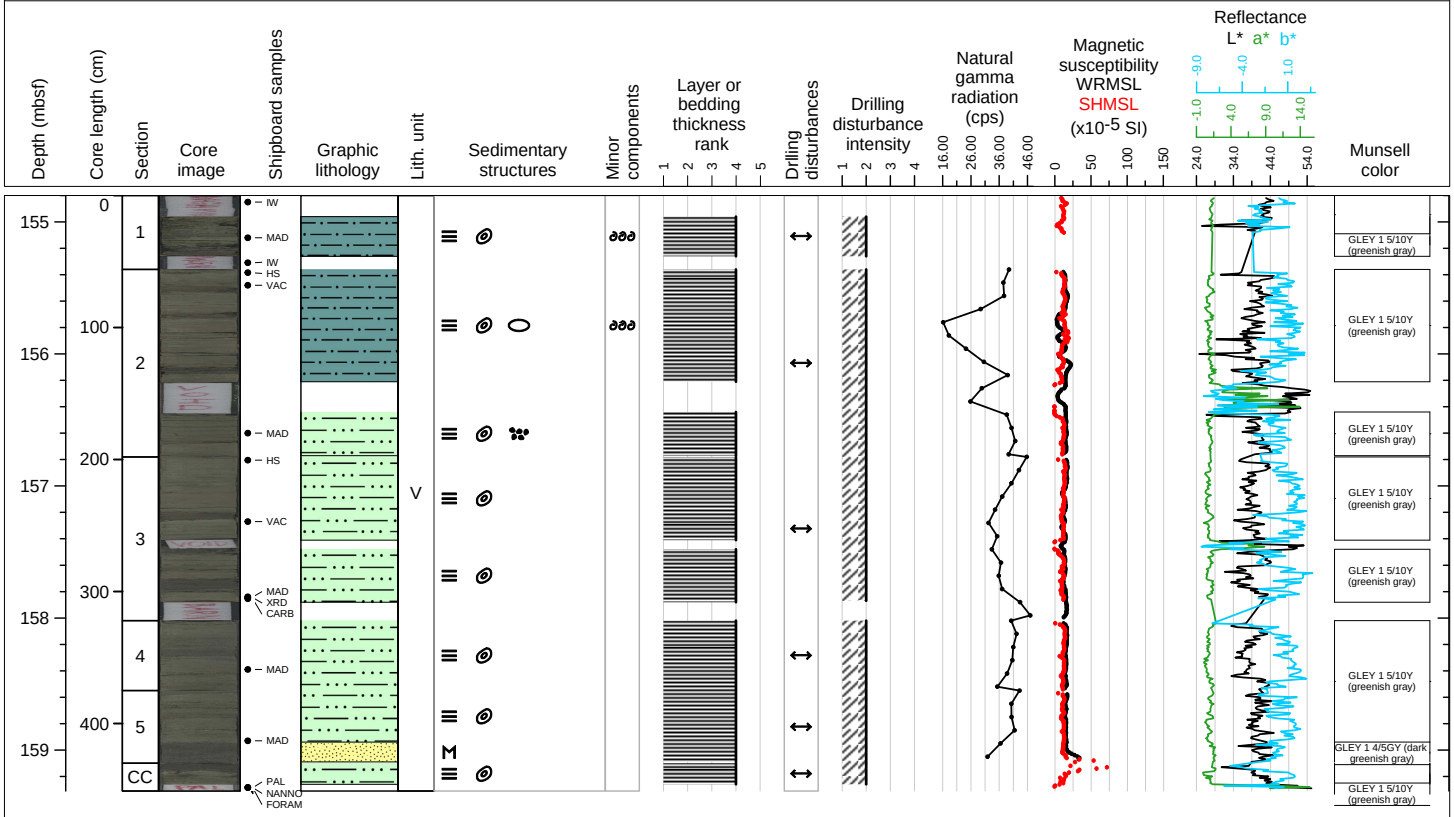
Hole 372-U1517C Core 28F, Interval 150.1-154.82 m (CSF-A)

Core 28 consists of alternating greenish gray mottled clayey silt with medium-bedded fine sand graded beds. Light colored blebs occur throughout.



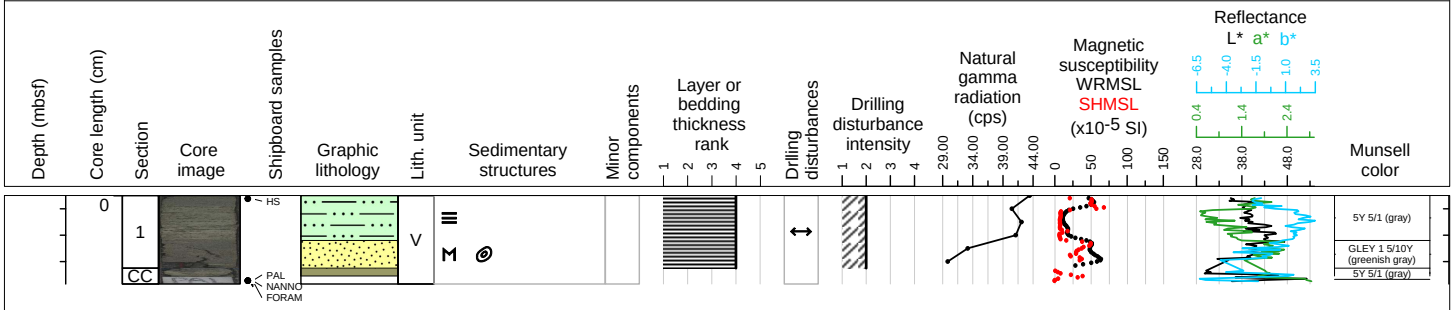
Hole 372-U1517C Core 29F, Interval 154.8-159.31 m (CSF-A)

Core 29 consists of alternating gray to greenish gray graded beds of fine/medium sand with clayey silt. Beds are graded with sharp, planar to irregular contacts. Light-colored blebs occur throughout. Sand beds contain foraminifera.



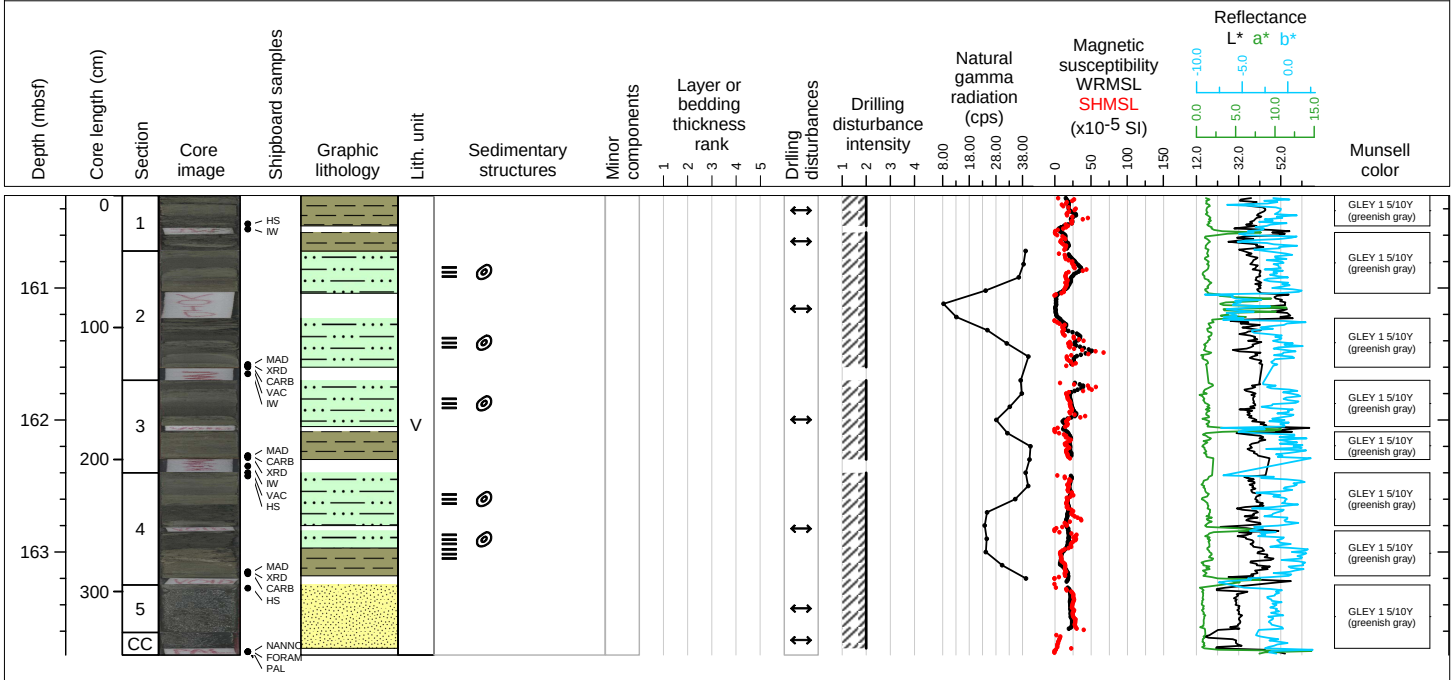
Hole 372-U1517C Core 30F, Interval 159.3-159.97 m (CSF-A)

Core 30 consists of alternating gray to greenish gray graded beds of fine/medium sand with clayey silt.



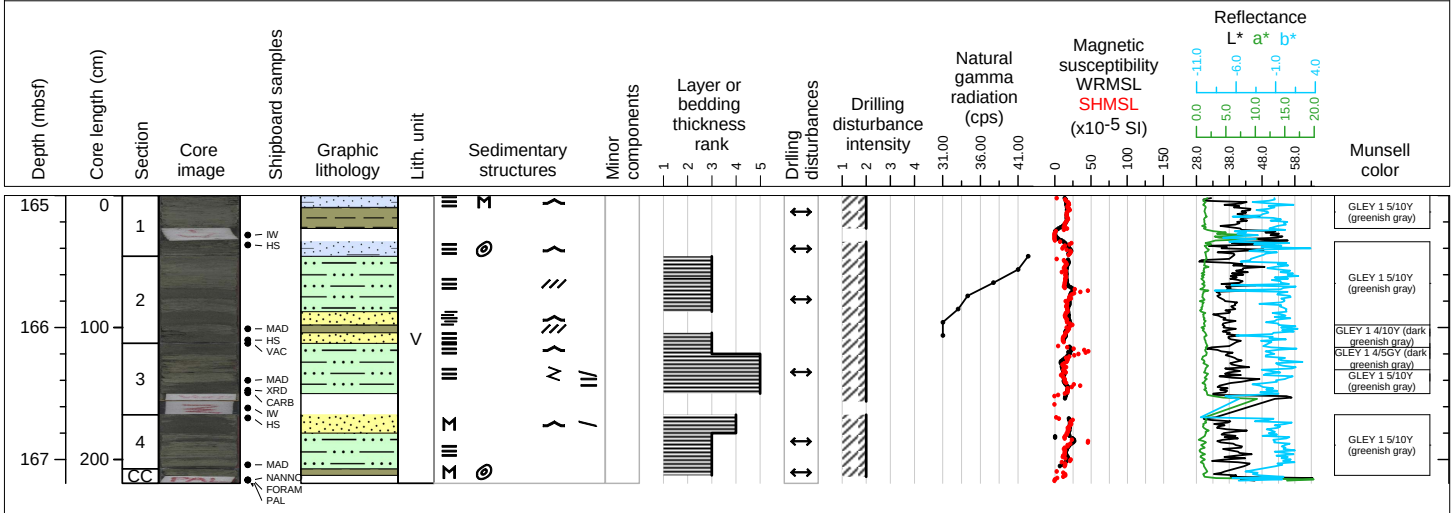
Hole 372-U1517C Core 31F, Interval 160.3-163.78 m (CSF-A)

Core 31 consists of alternating medium-bedded fine/medium sand with clayey silt. The lower two Sections 5 and CC contain almost completely clean very fine sand that was liquefied. A tephra band is present in the lower part of Section 4.



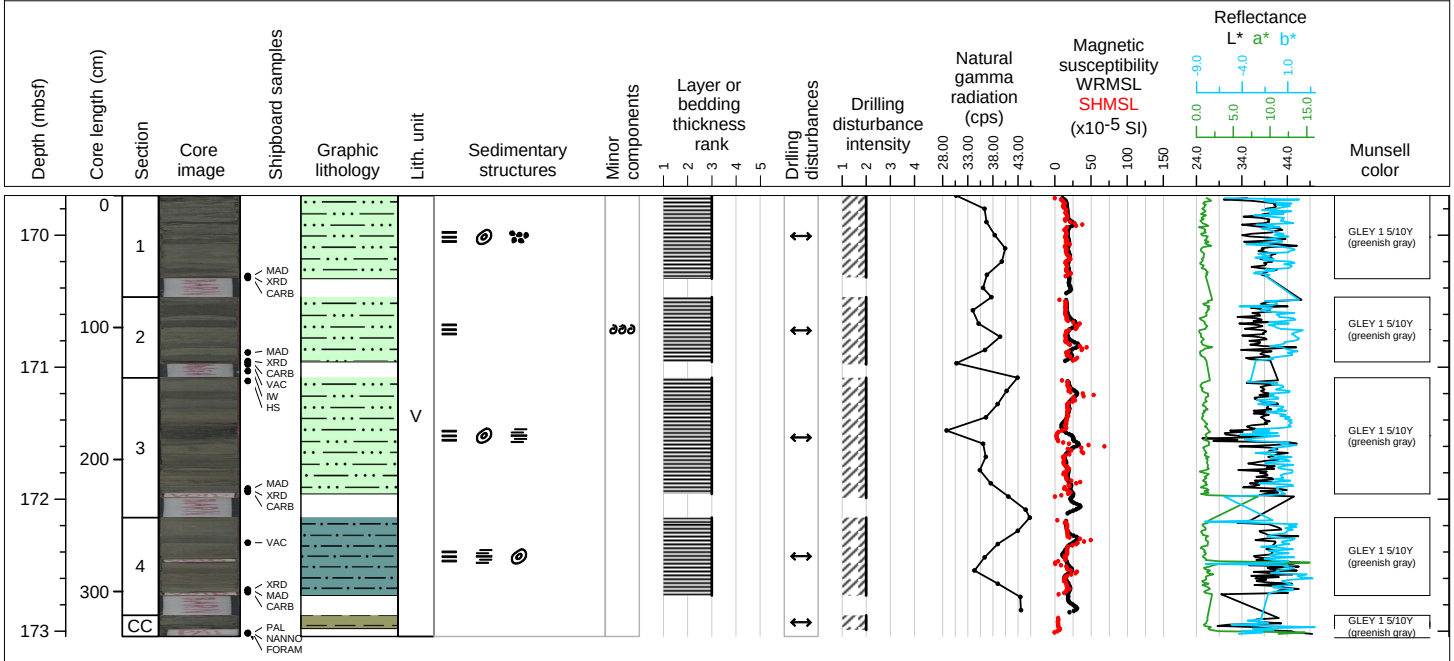
Hole 372-U1517C Core 32F, Interval 165.0-167.18 m (CSF-A)

Core 32 consists of alternating medium-bedded, graded, fine/medium sand and clayey silt beds.



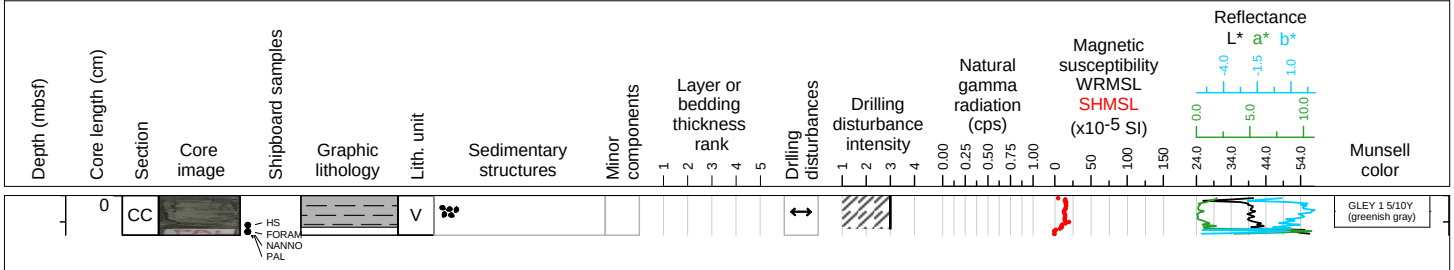
Hole 372-U1517C Core 33F, Interval 169.7-173.04 m (CSF-A)

Core 33 consists of alternating thin beds of graded very fine sand and silt with clayey silt beds. The silts are laminated. Most gas expansion happened in the sands.



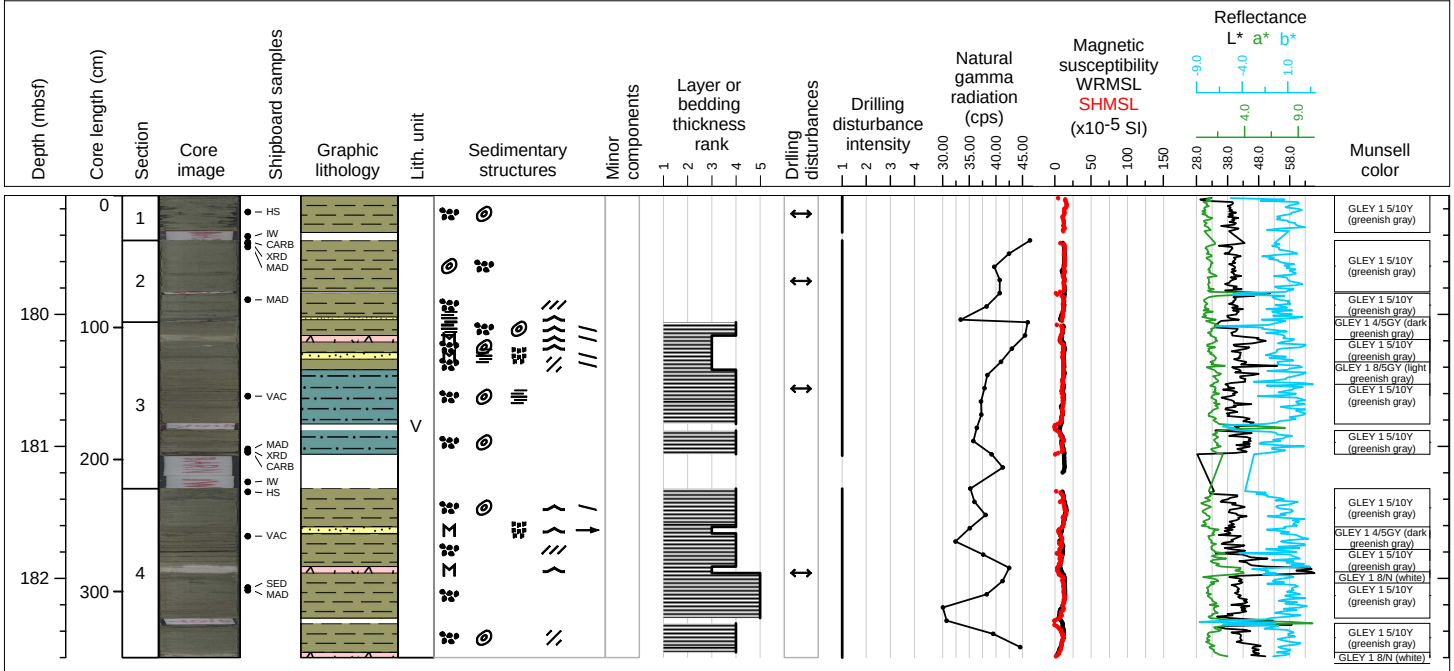
Hole 372-U1517C Core 34F, Interval 174.4-174.7 m (CSF-A)

Core 34 is a short core catcher sample which is made of clay with silt.



Hole 372-U1517C Core 35F, Interval 179.1-182.6 m (CSF-A)

Core 35 consists of ilty clay punctuated by very fine to fine, graded, thin-bedded sands and significant (3-5cm thick) ash/tephra layers.



Hole 372-U1517C Core 36F, Interval 183.8-187.58 m (CSF-A)

Core 36 consists of alternations of clayey silt with thin to very thin graded sands and three ash layers (top two sections). The bottom half of the core (Sections 3 and 4) suffered severe disturbance from flow in and no primary features have been preserved.