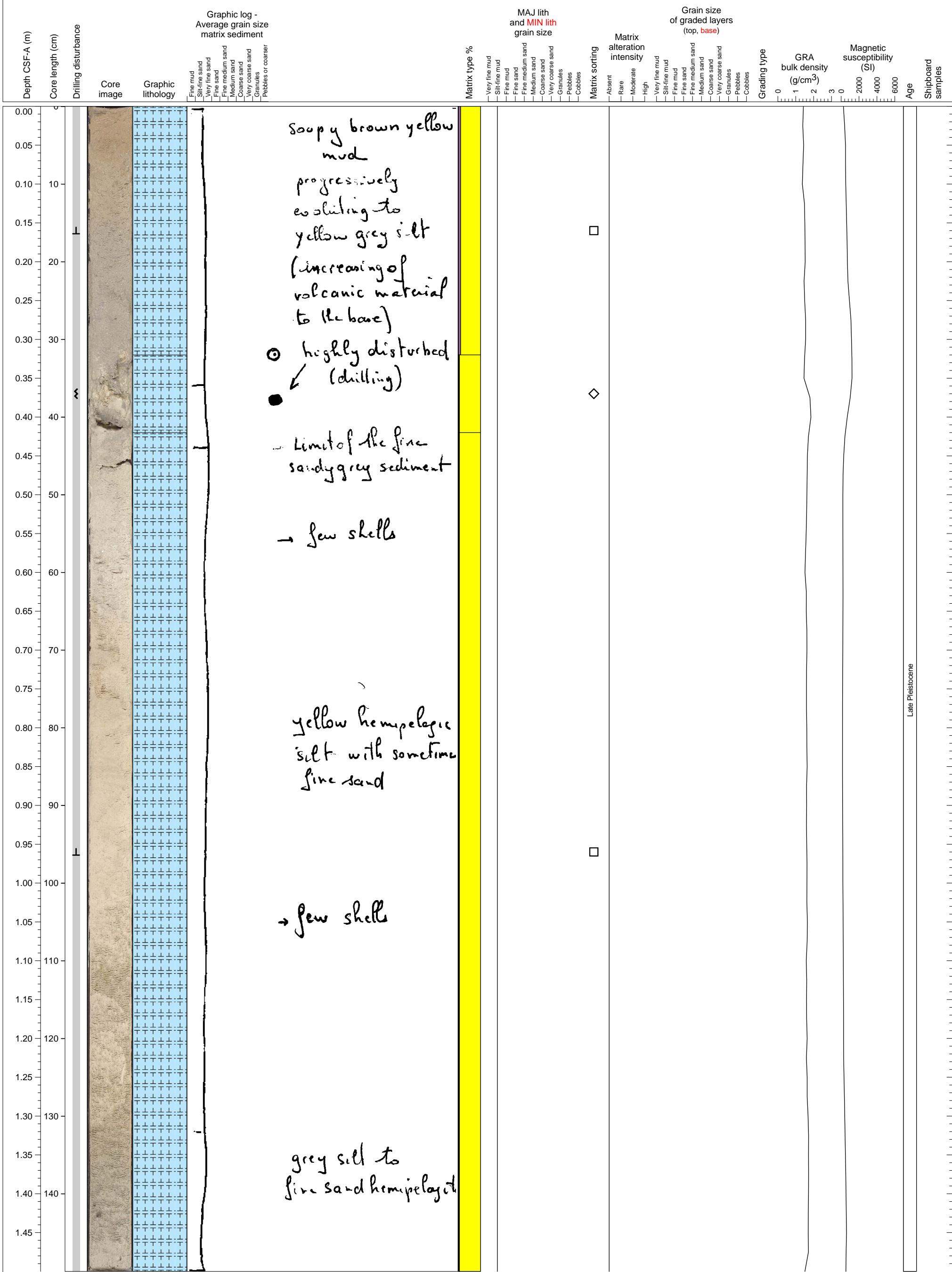
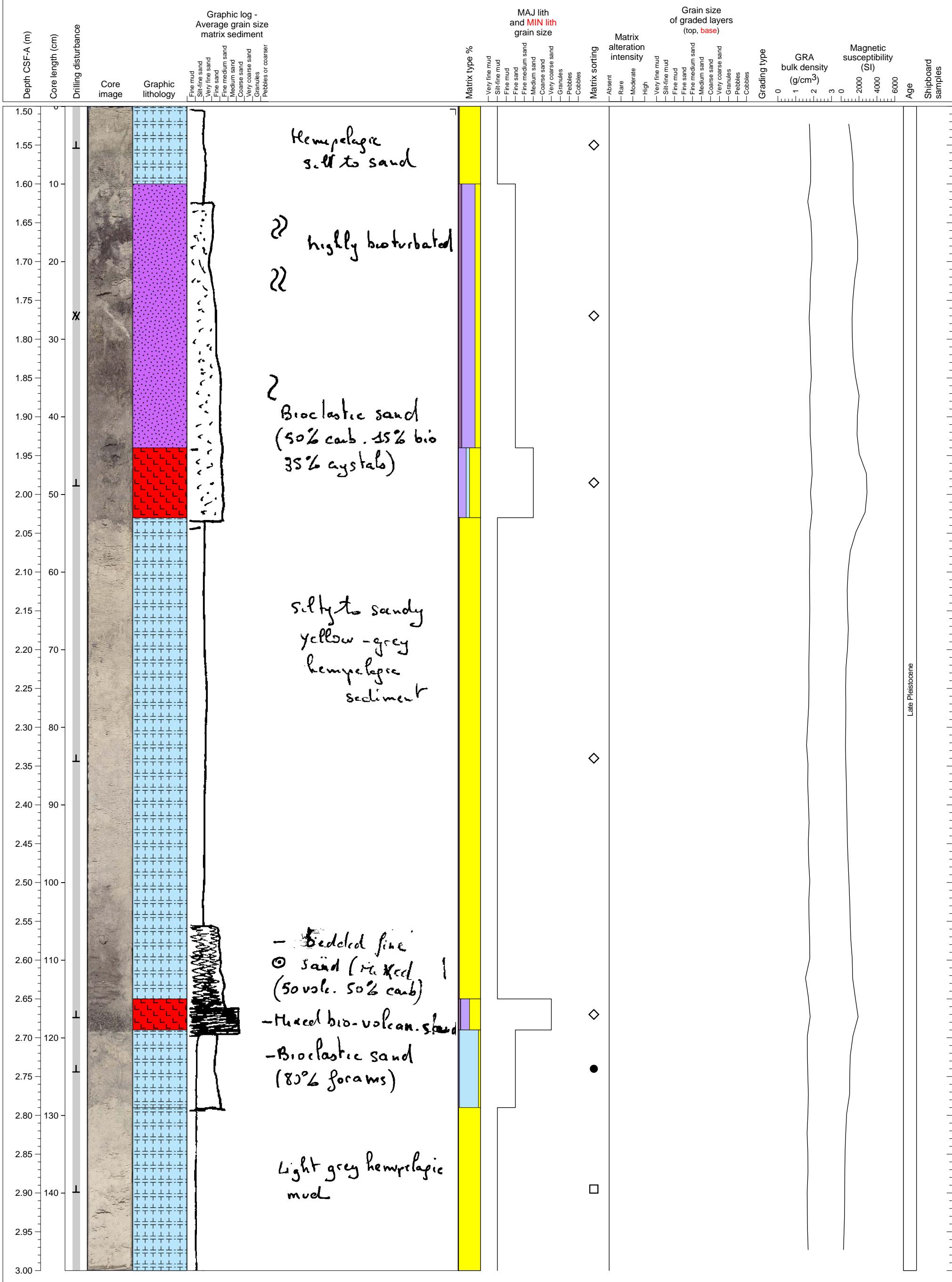


Hemipelagic sediment, with slightly higher proportion of lava grains towards top.

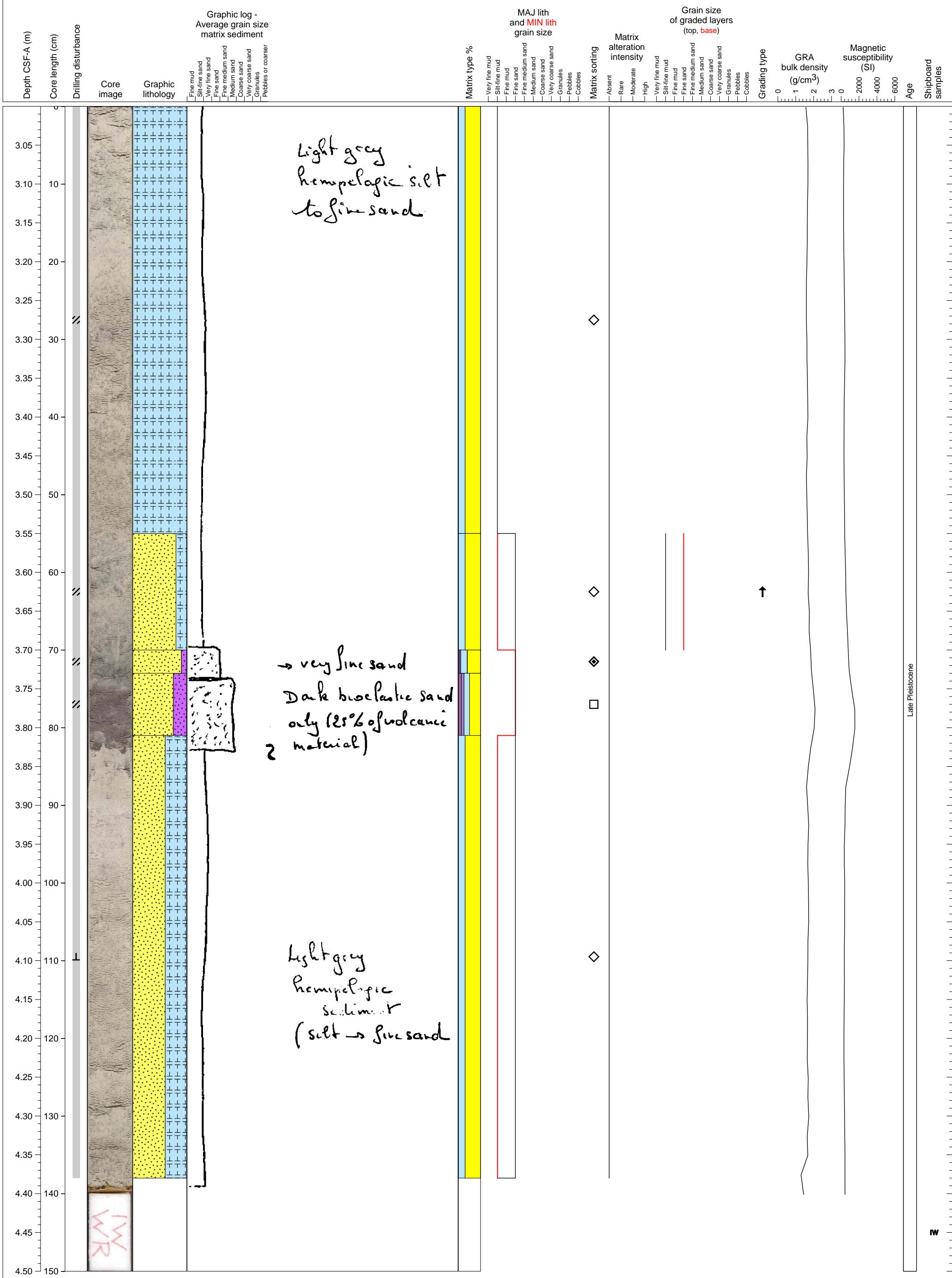


Predominantly hemipelagic sediments with two ash layers and volcanoclastic sand. Also, a layer containing 85% forams.

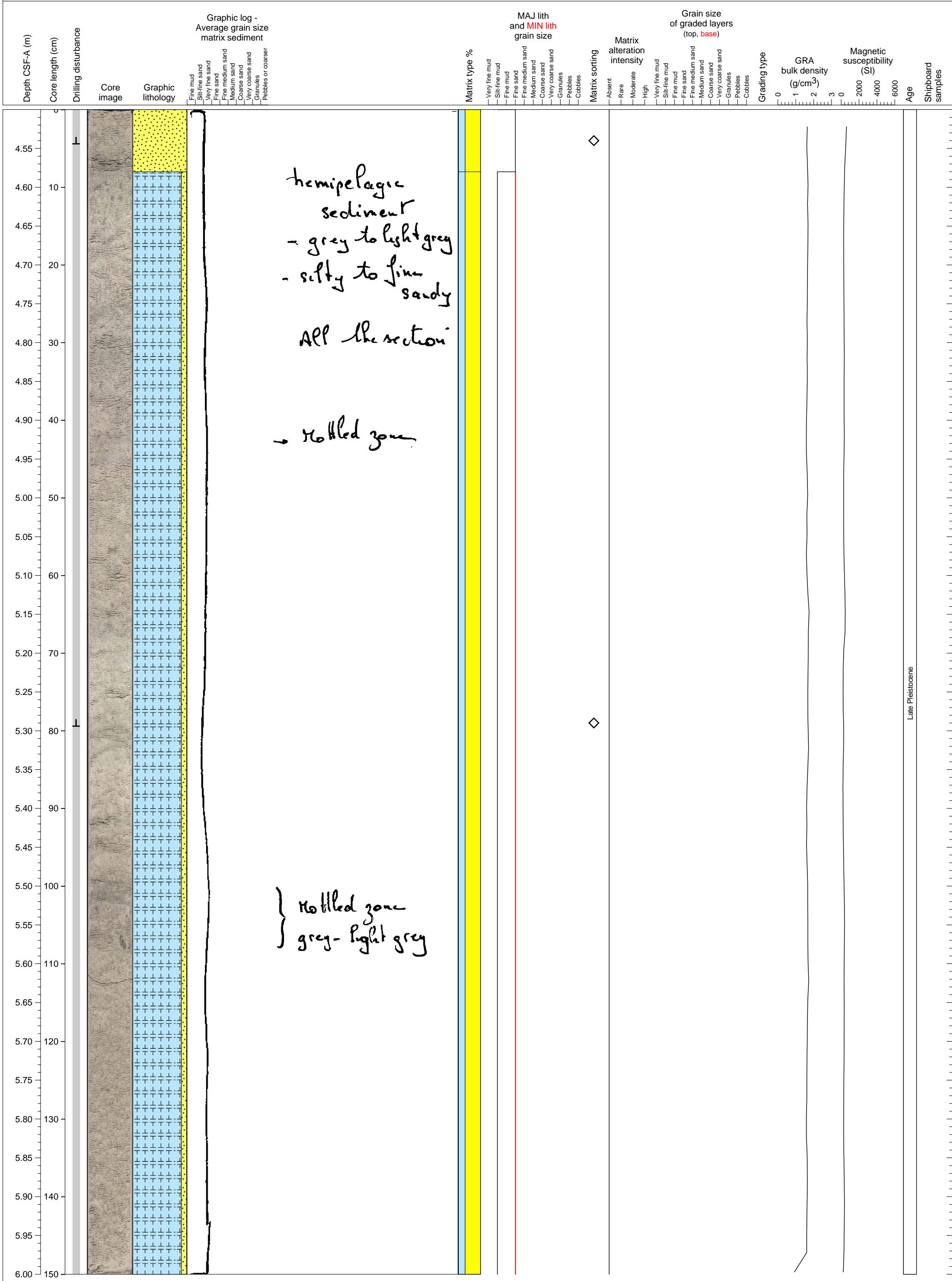


Hole 340-U1396C-1H Section 3, Top of Section: 3.0 CSF-A (m)

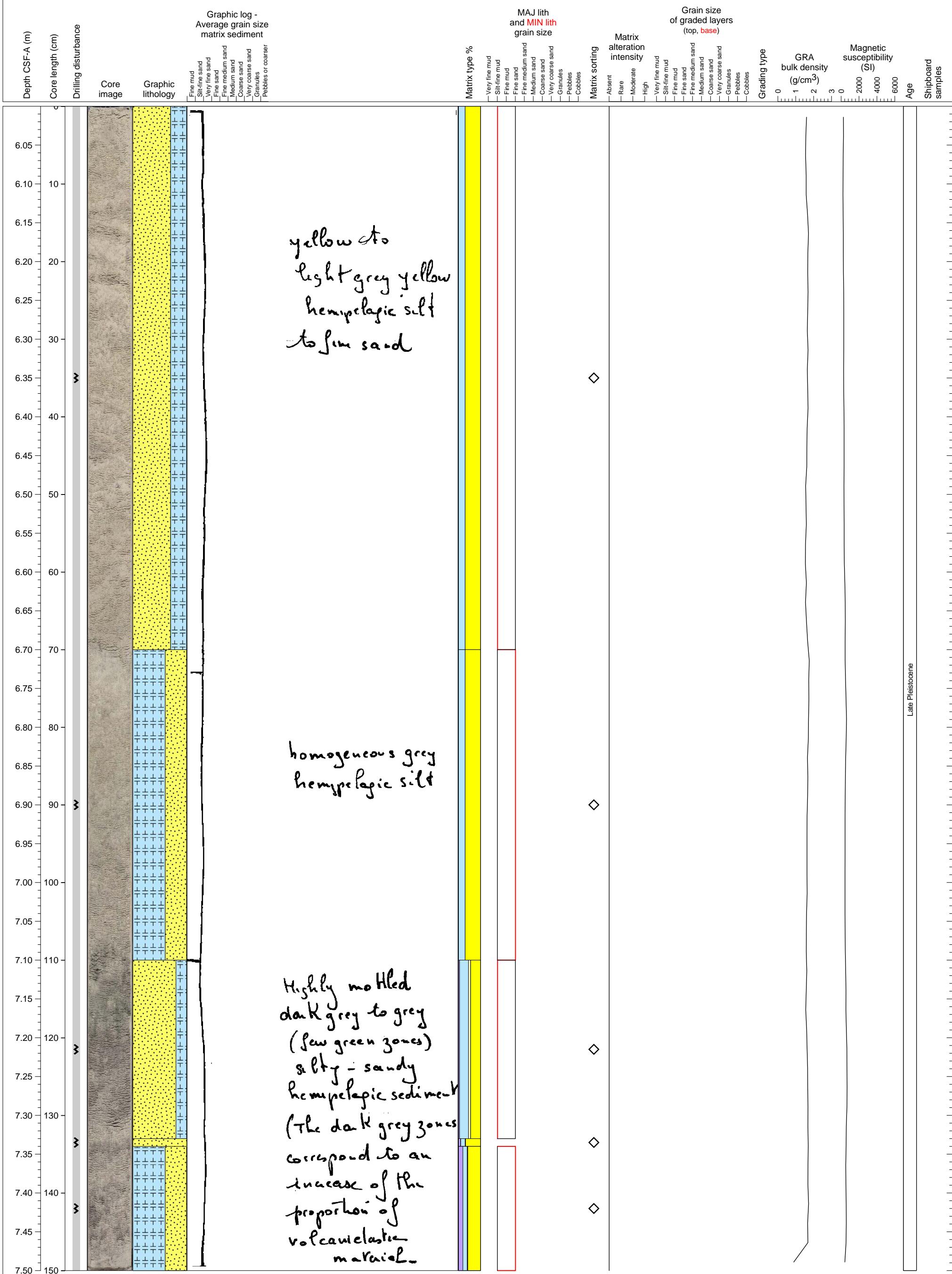
Mottled hemipelagic fine sediments with intercalated layers of mixture of bioclastic and volcanioclastic materials



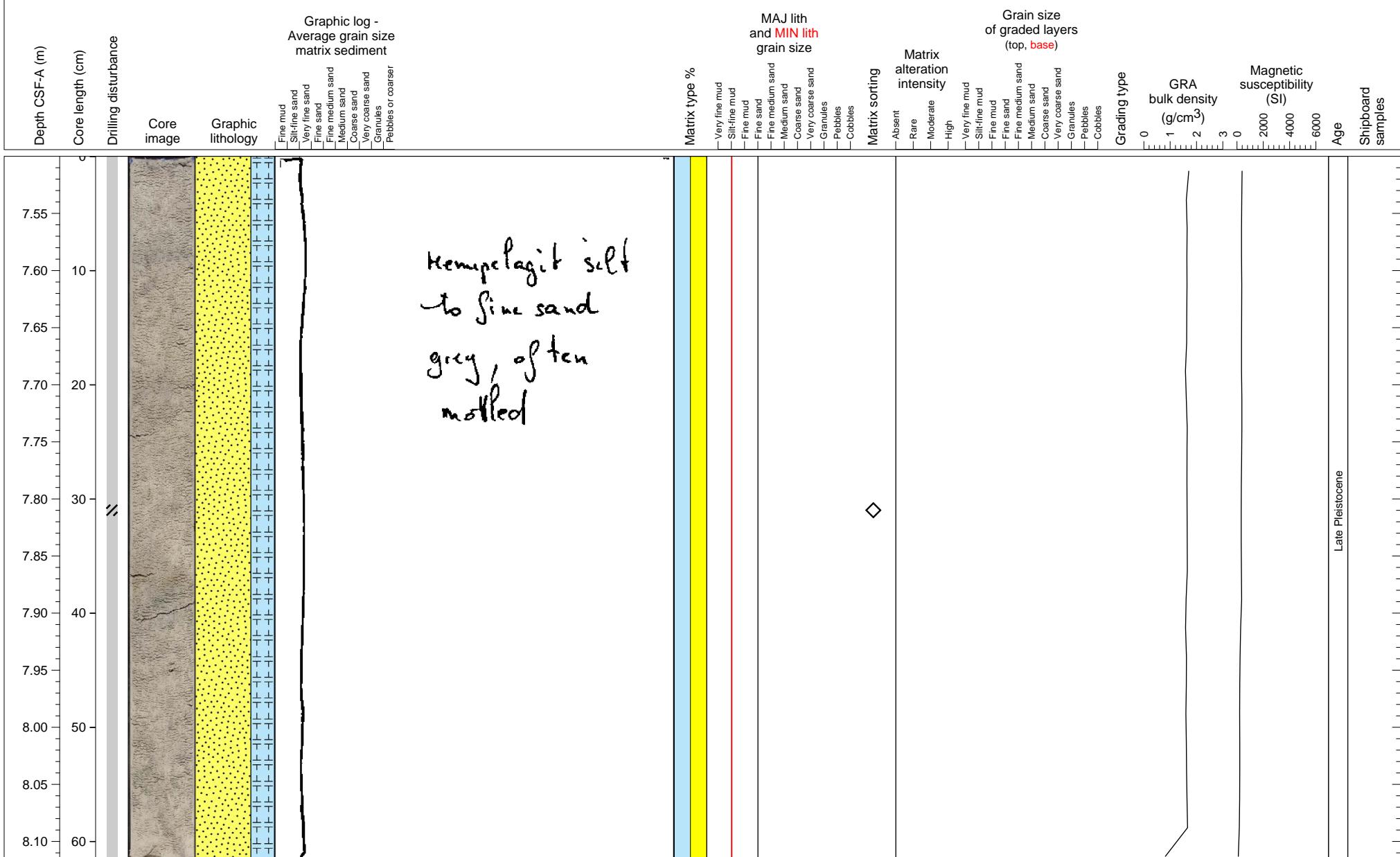
Mottled hemipelagic sediments with very rare pumiceous clasts



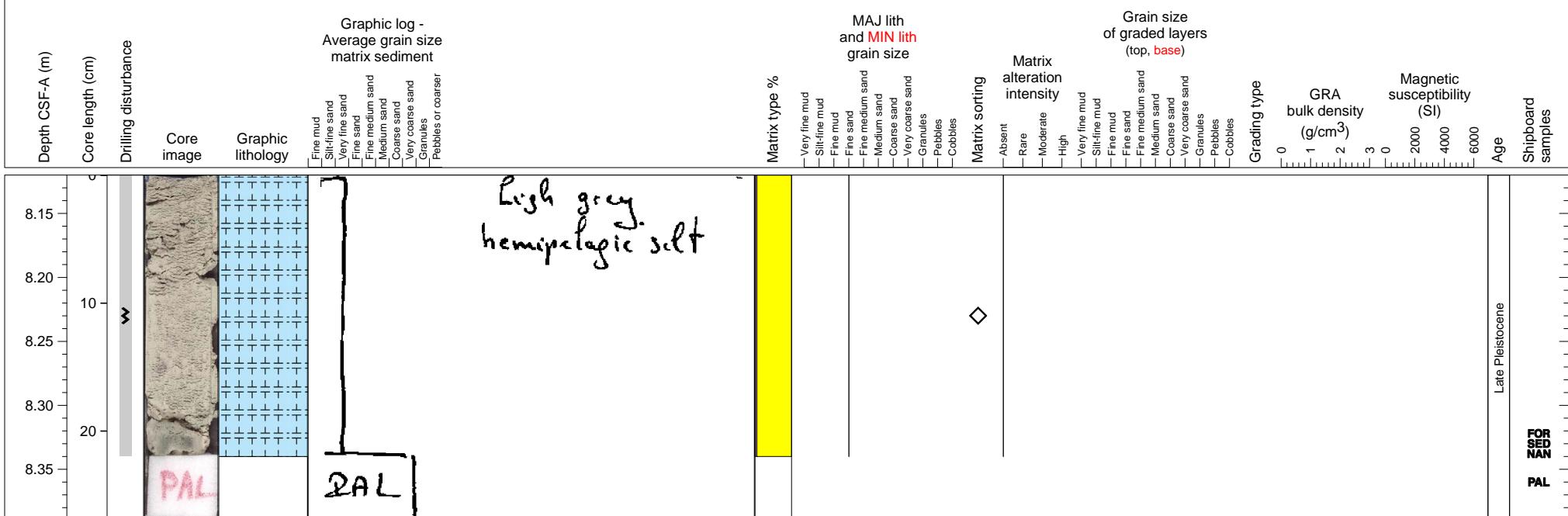
Hemipelagic fines.



Mottled hemipelagic sediments with moderately bioturbated.

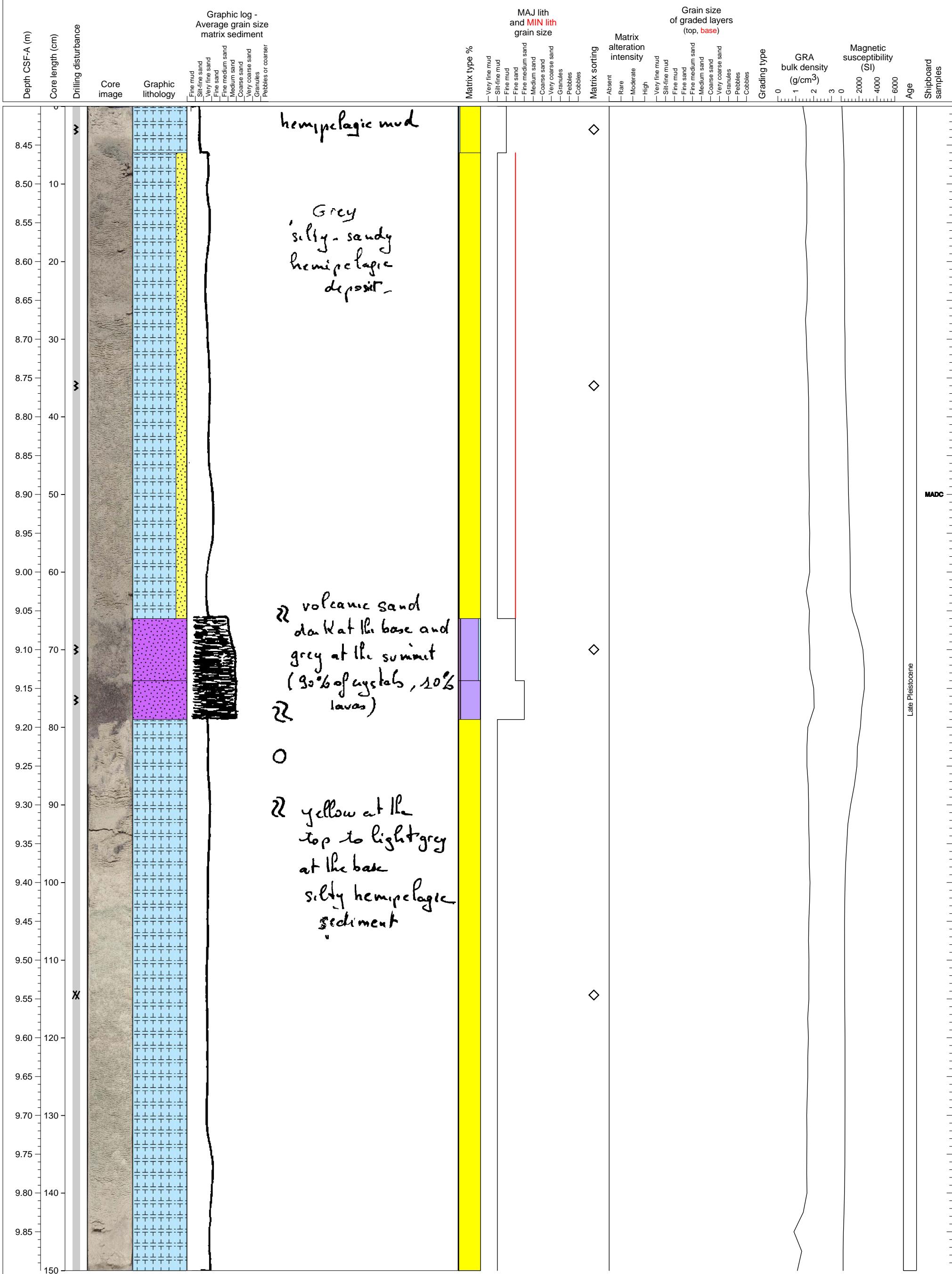


Hemipelagic sediment.

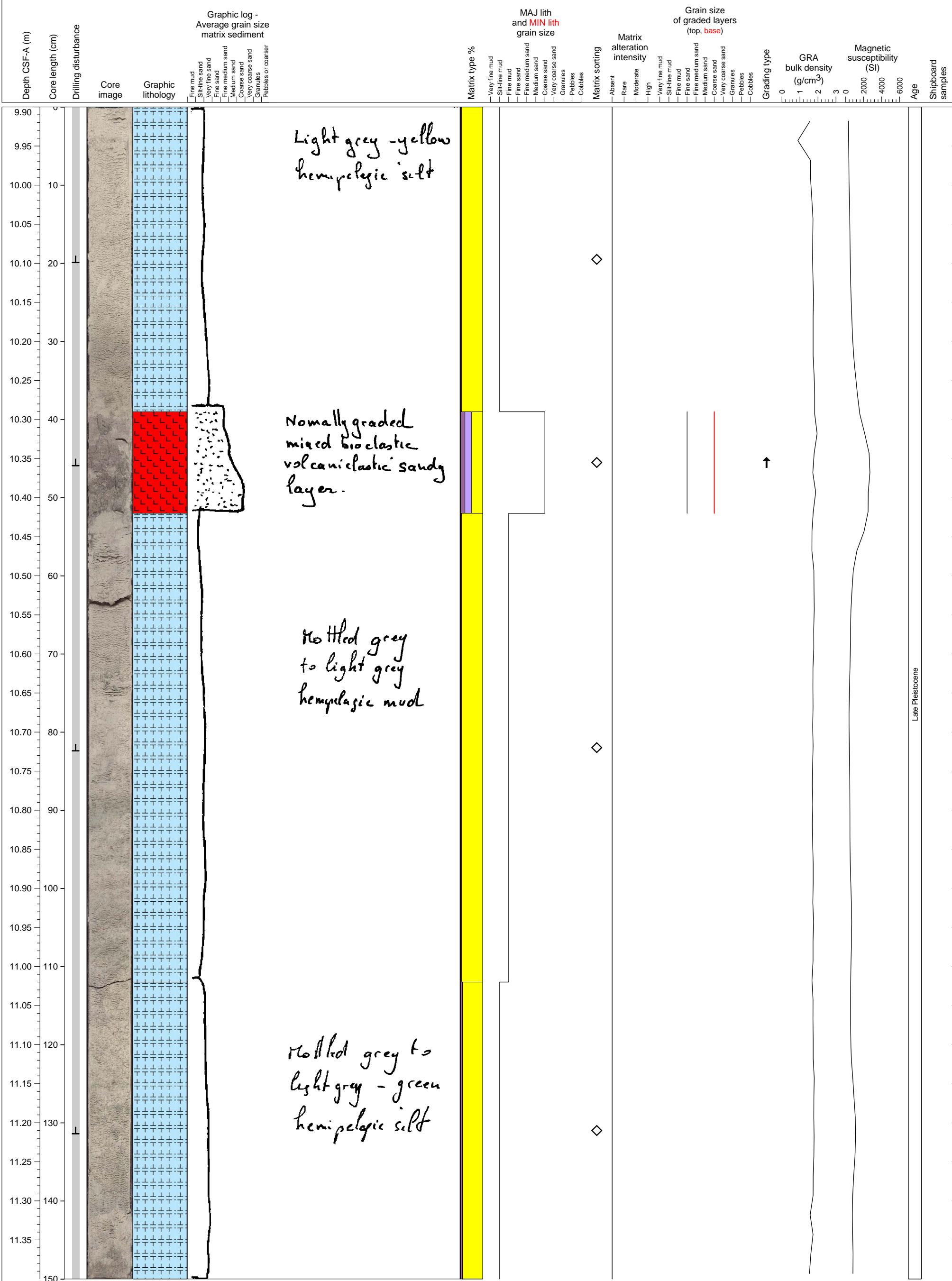


Hole 340-U1396C-2H Section 1, Top of Section: 8.4 CSF-A (m)

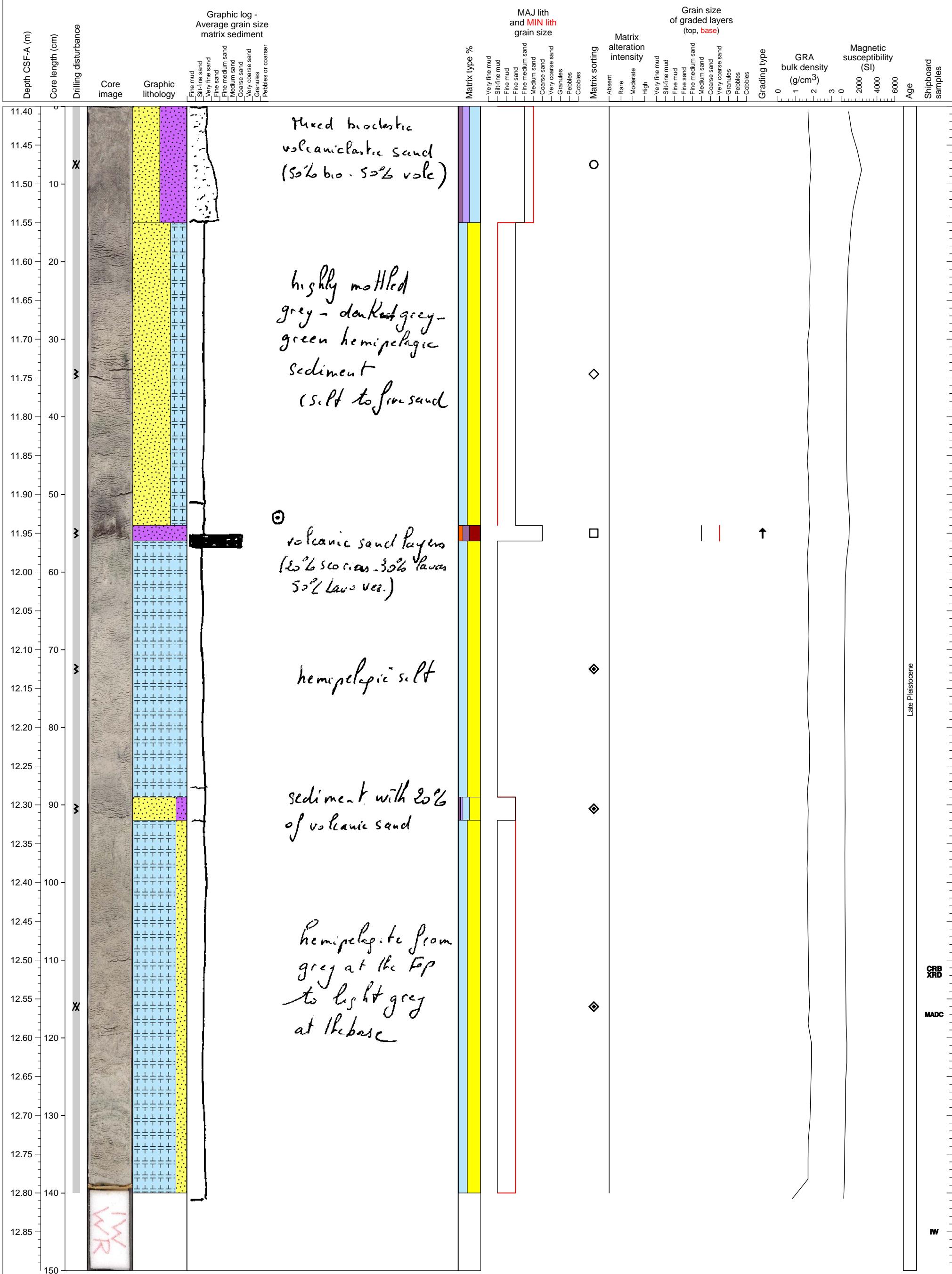
Hemipelagic fines with 1 volcanoclastic sand bed



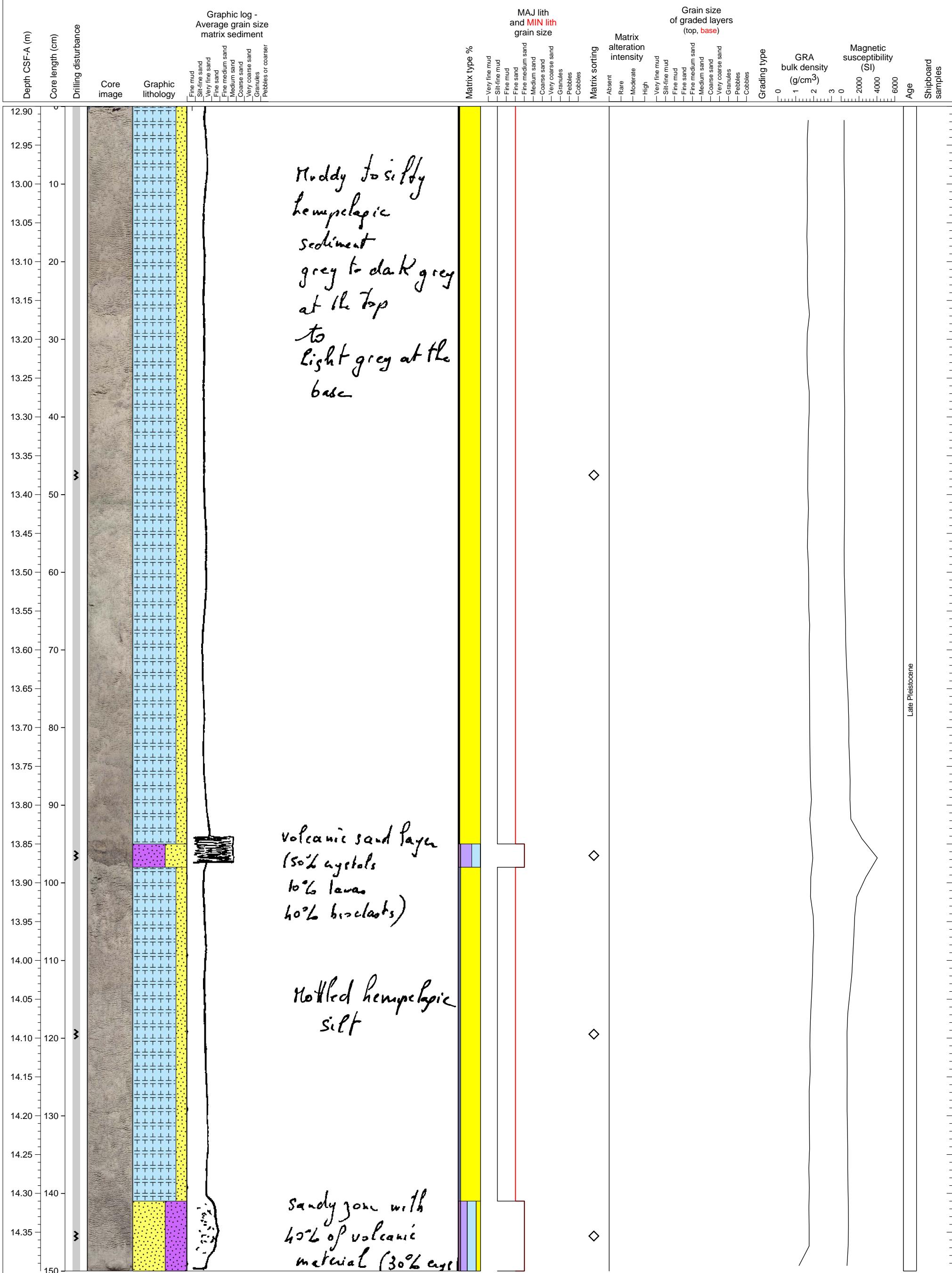
Silty and sandy hemipelagic sediments, with a single, coarse-grained ash fall.



Mottled bioturbated hemipelagic sediments with intercalation of volcanic ash layer and layers of the mixture of volcaniclastic and bioclastic materials

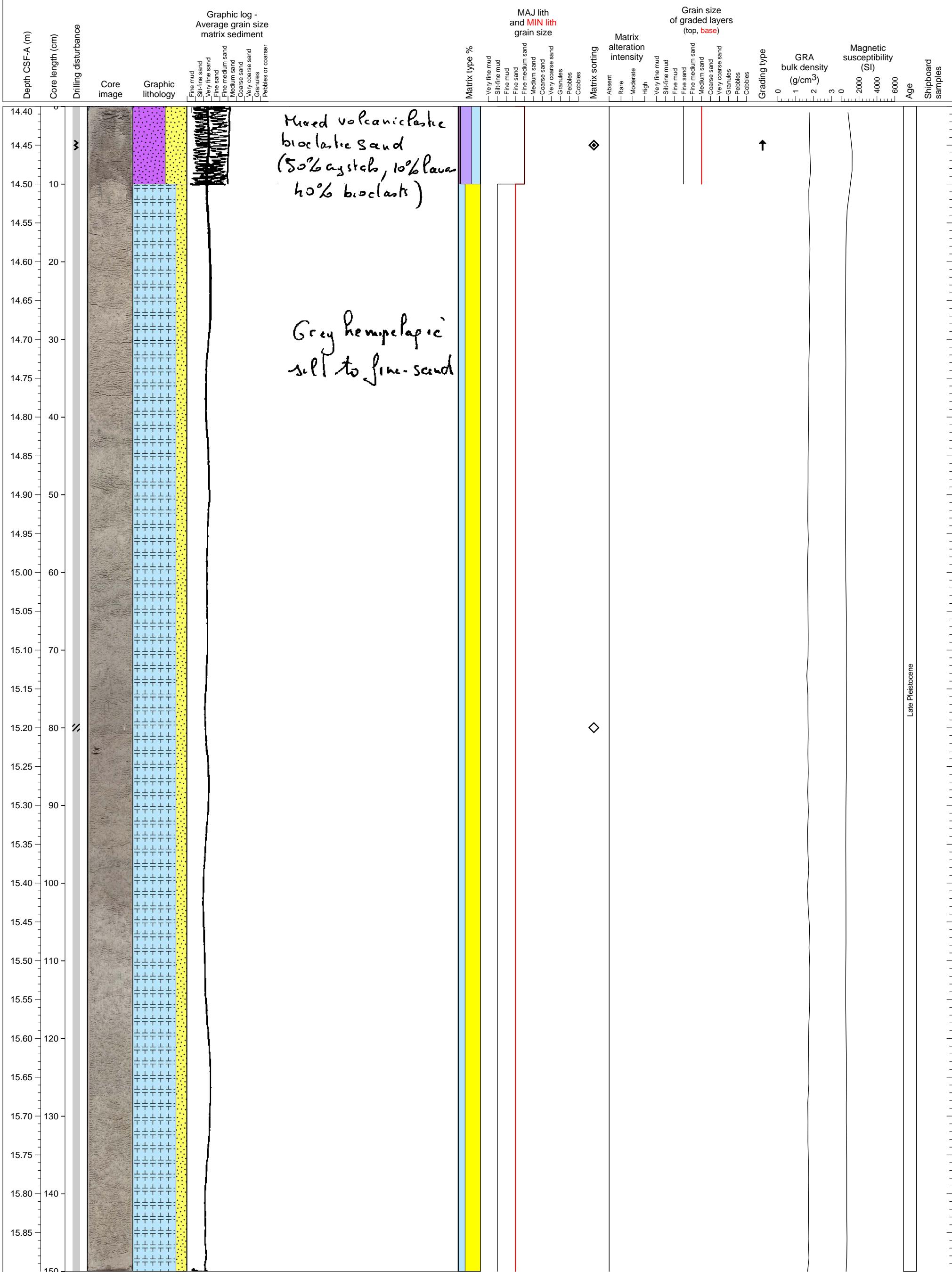


Hemipelagic sediments with 2 mixed (volcaniclastic/bioclastic) beds



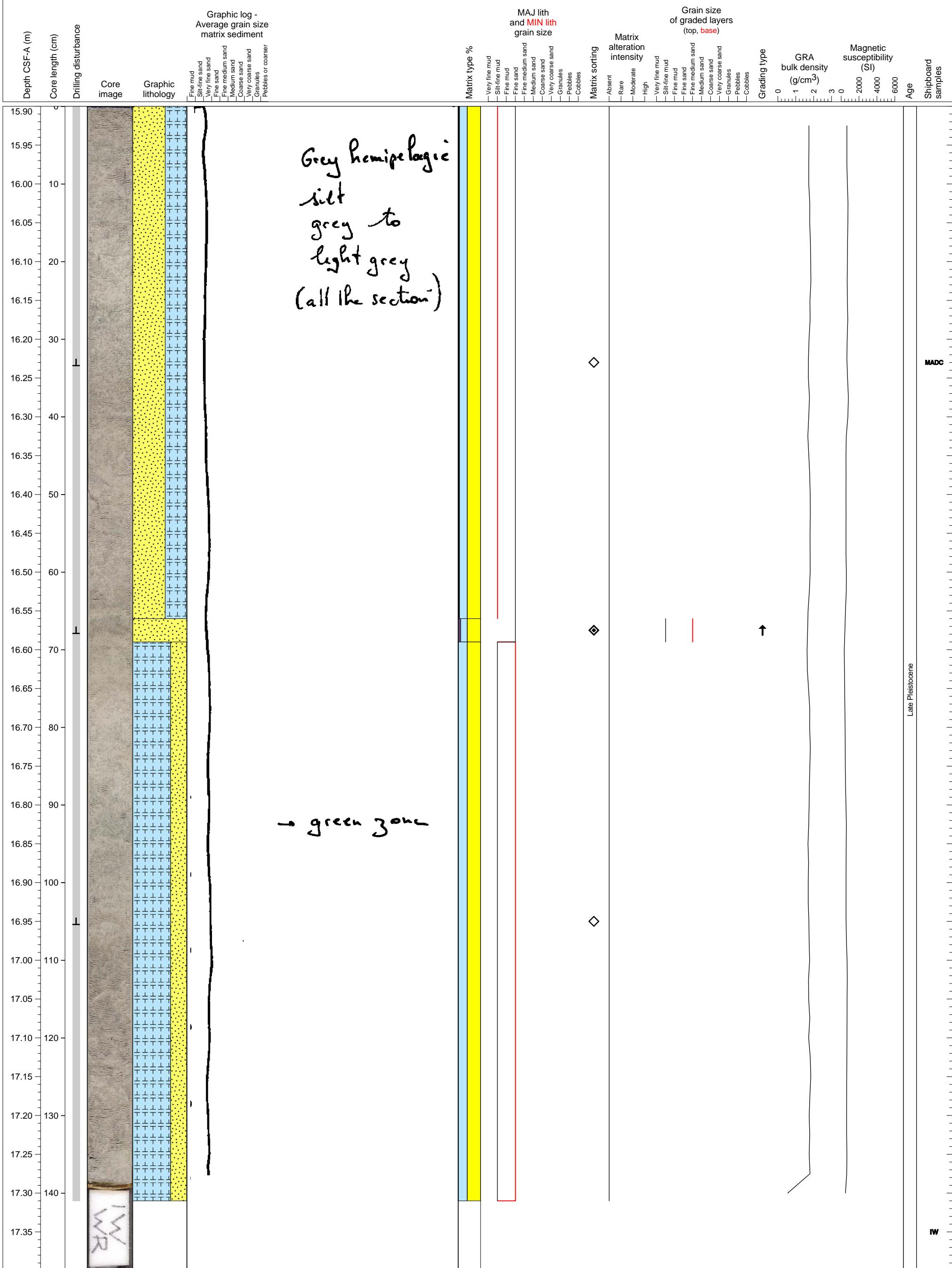
Hole 340-U1396C-2H Section 5, Top of Section: 14.4 CSF-A (m)

Hemipelagic sediment with mixed layer of volcaniclastic and bioclastic materials

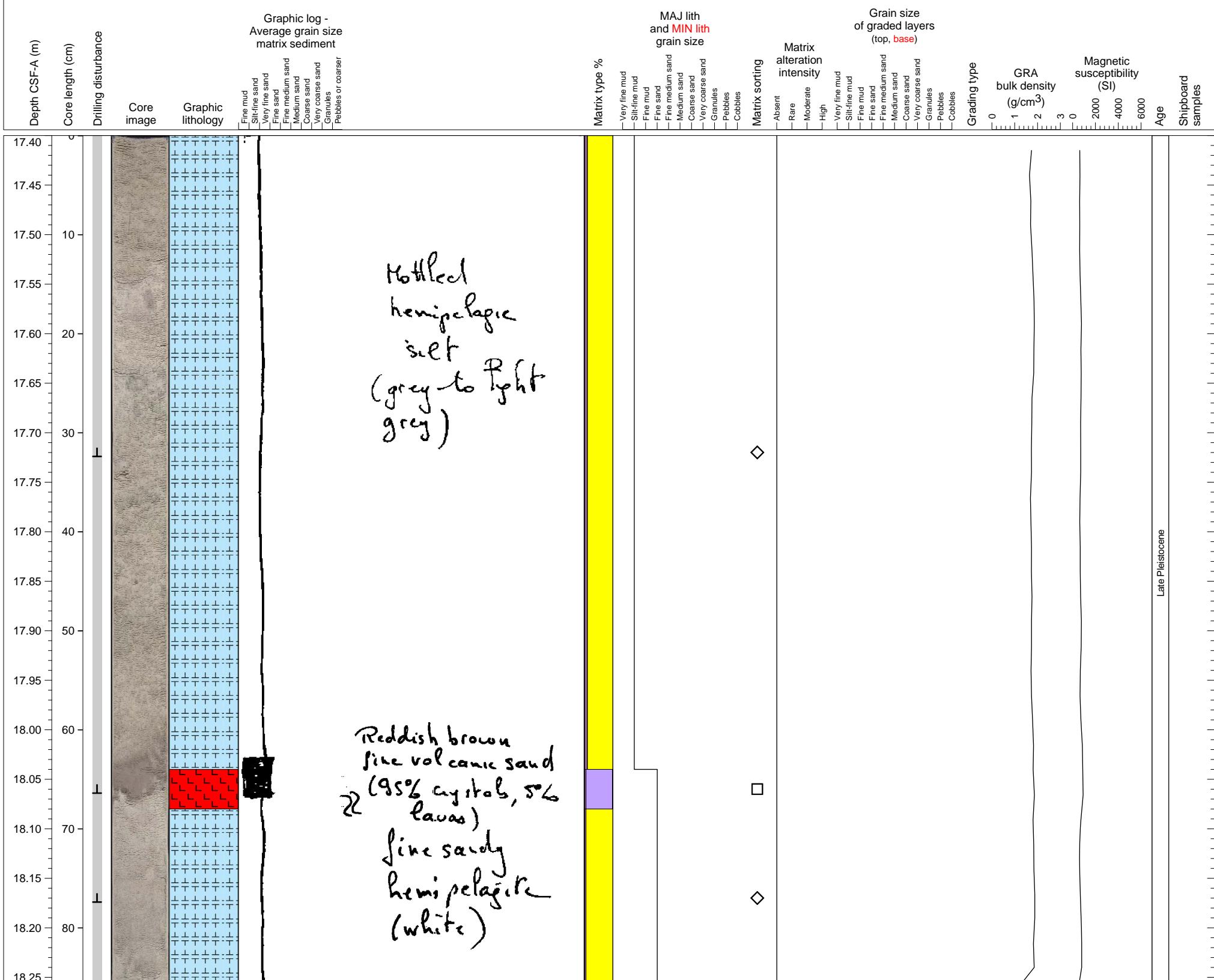


Hole 340-U1396C-2H Section 6, Top of Section: 15.9 CSF-A (m)

Mottled hemipelagic sediments



Silty to sandy hemipelagic sediment with a single, crystal-rich ash layer.

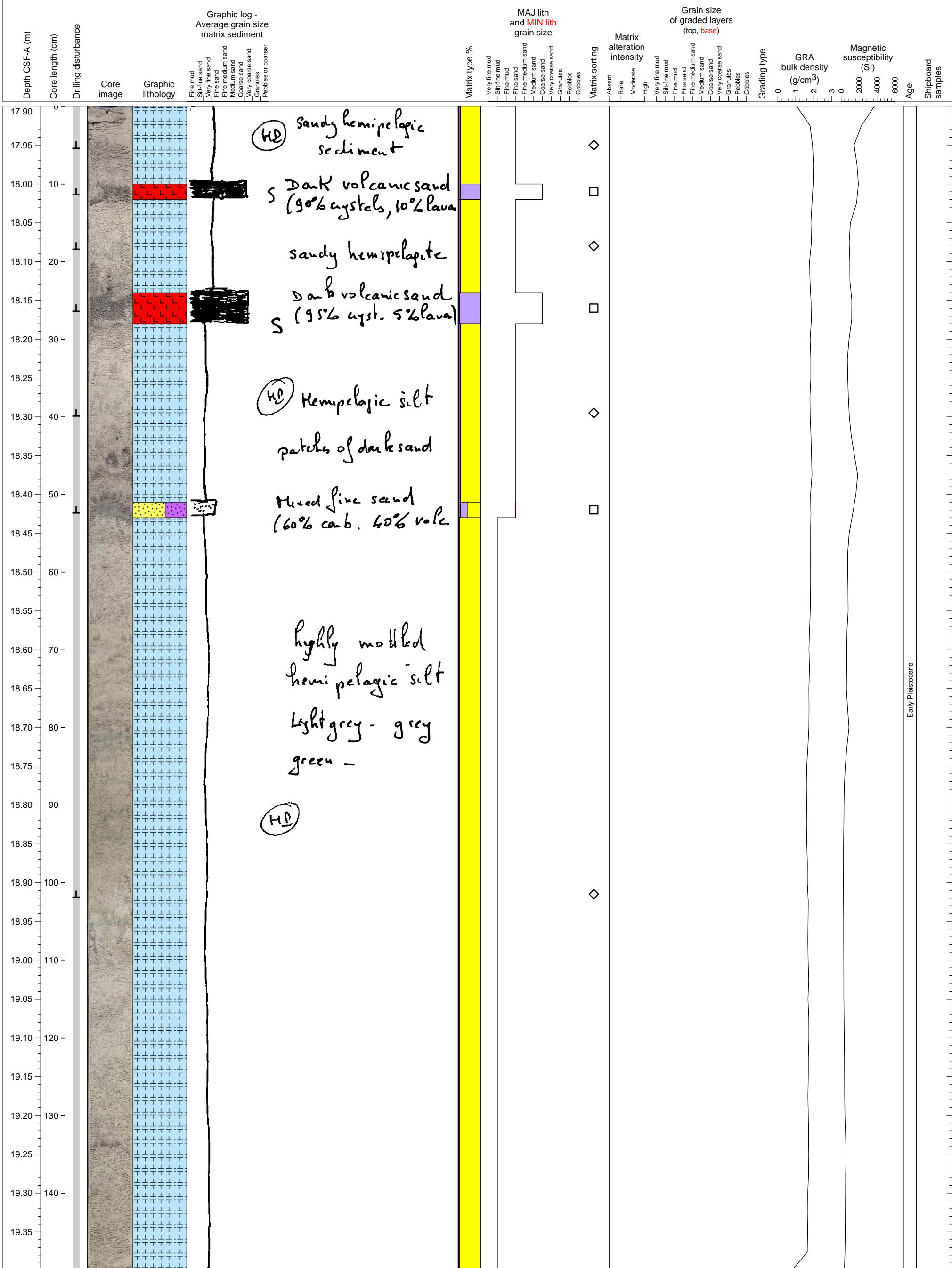


Hemipelagic fines with 1 ashfall layer

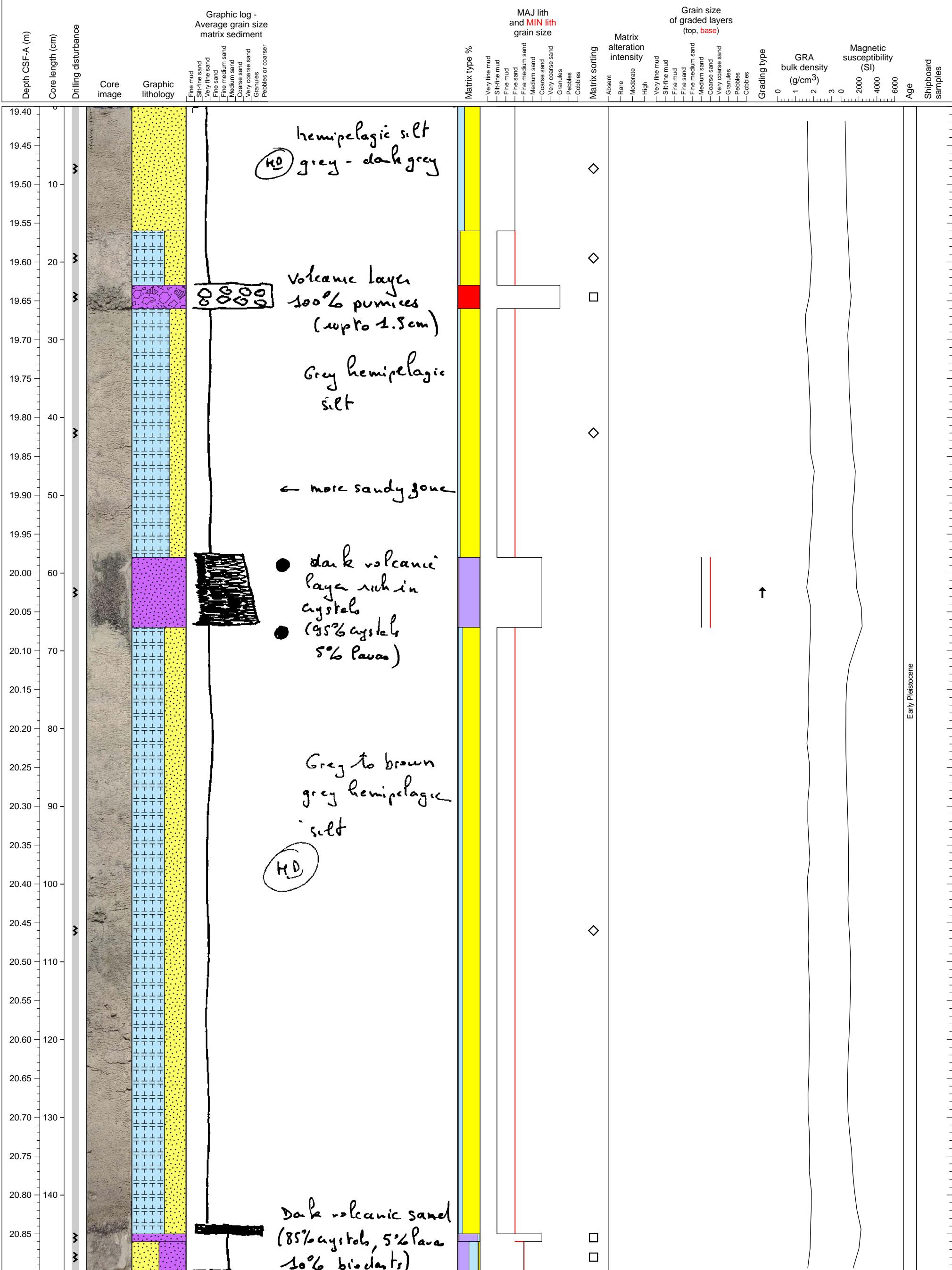


Hole 340-U1396C-3H Section 1, Top of Section: 17.9 CSF-A (m)

Sandy hemipelagic sediments with three crystal rich ash fall layers.

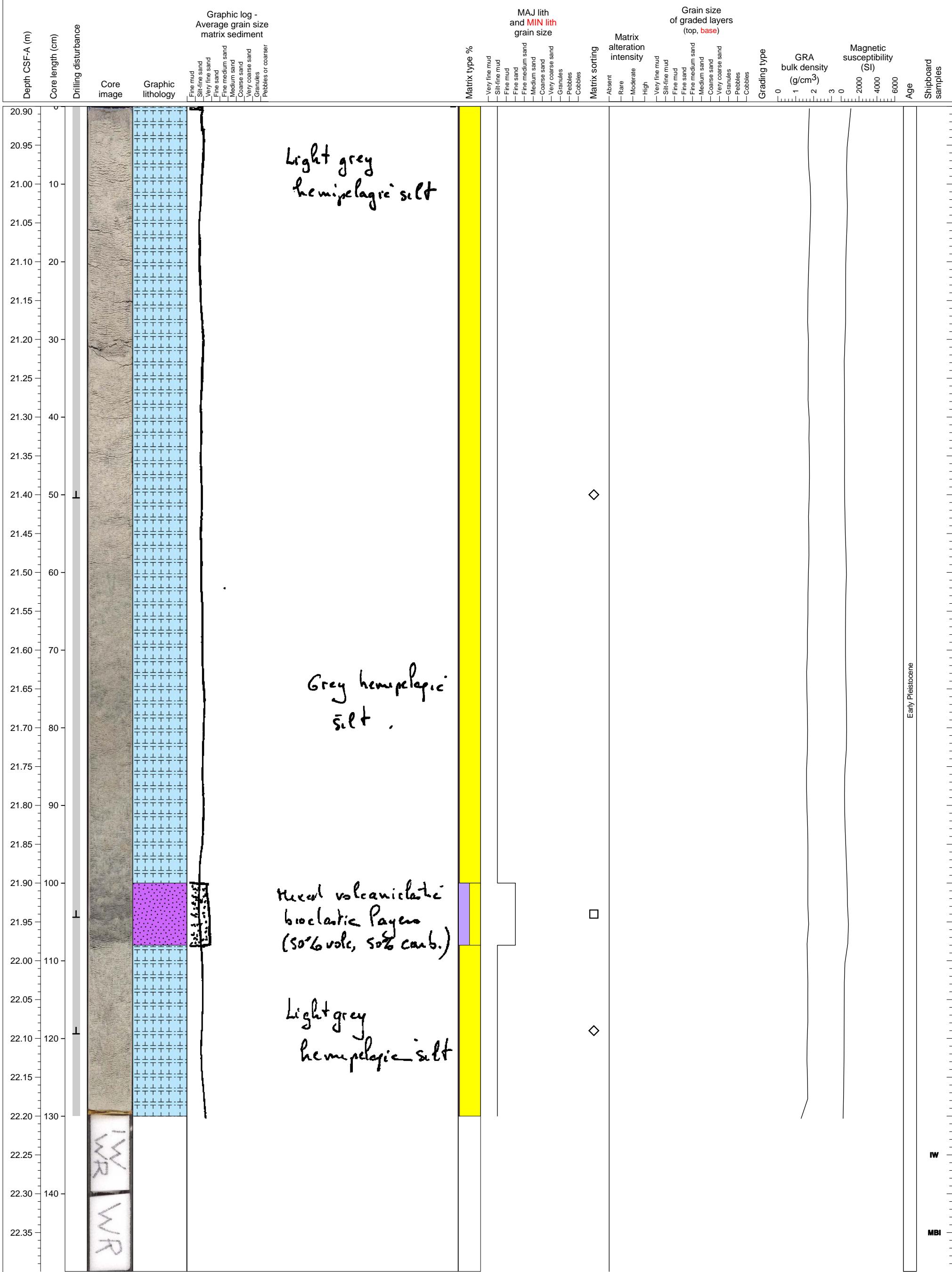


Hemipelagic sediments with 1 pumice fall layer and 2 ash fall (?) layers.

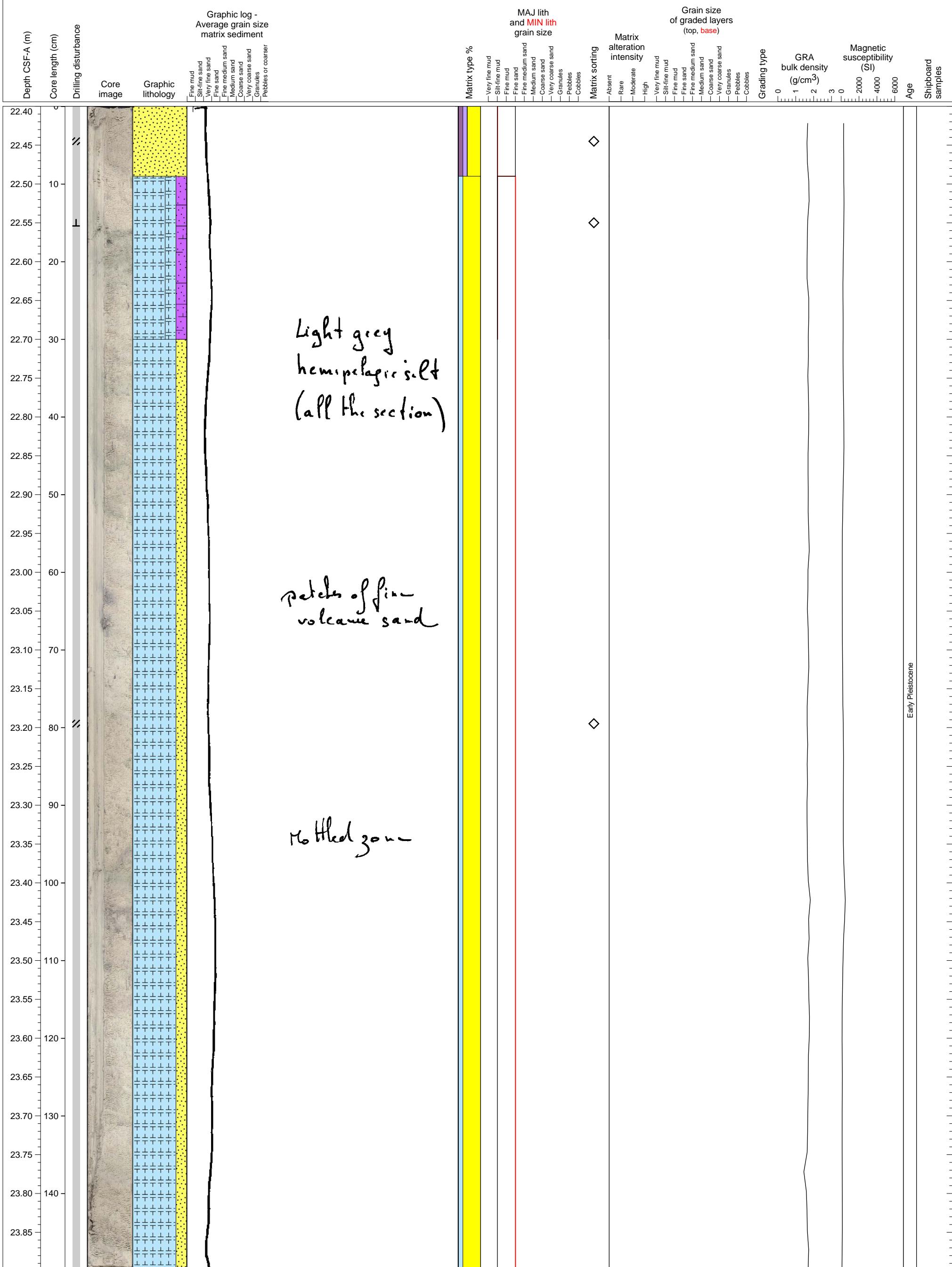


Hole 340-U1396C-3H Section 3, Top of Section: 20.9 CSF-A (m)

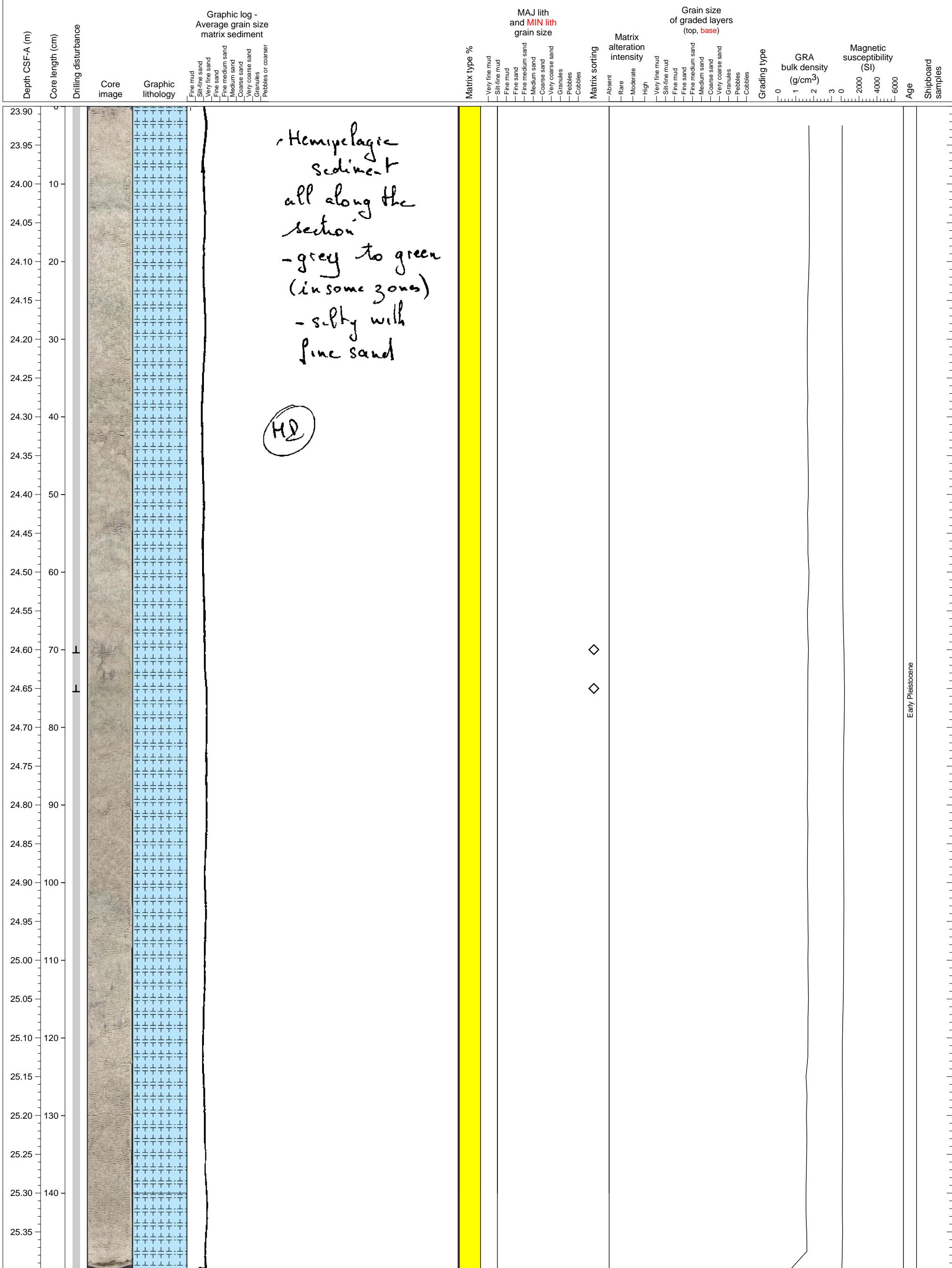
Silty hemipelagic sediments with a single, crystal rich ash layer.



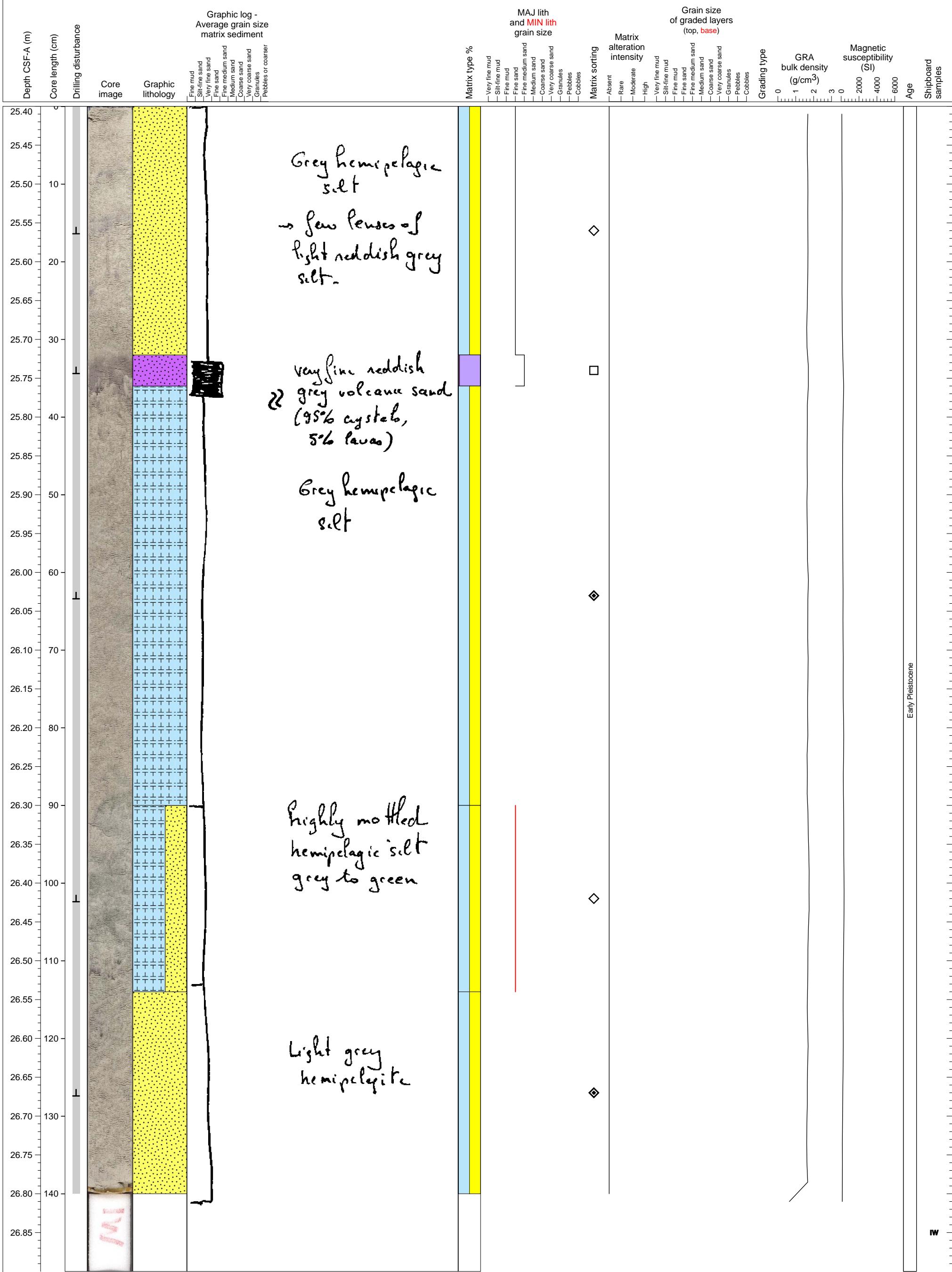
Mottled hemipelagic sediments.



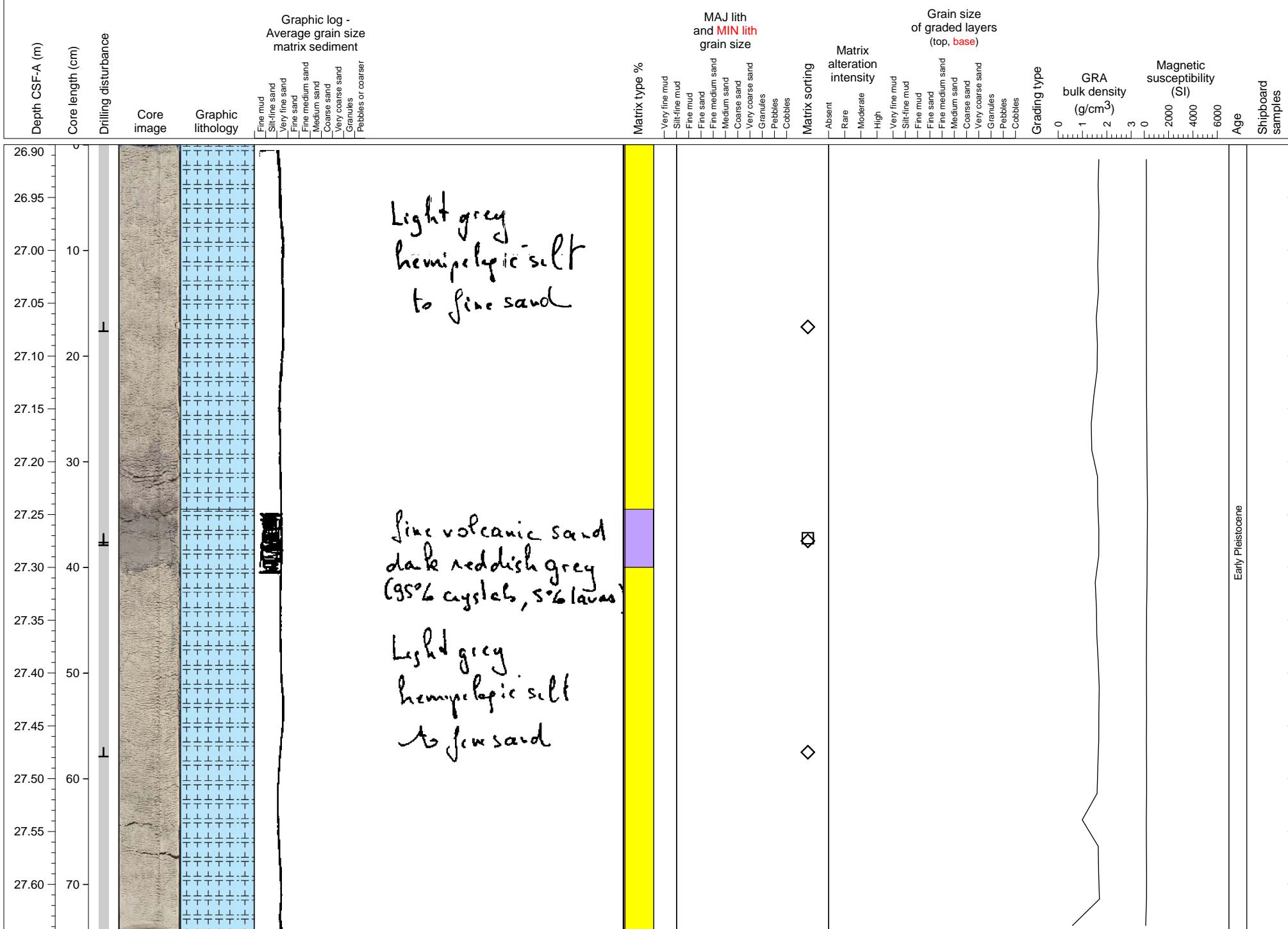
Silty hemipelagic sediment



Fine grained hemipelagic sediments with intercalated 1 volcanic ash layer

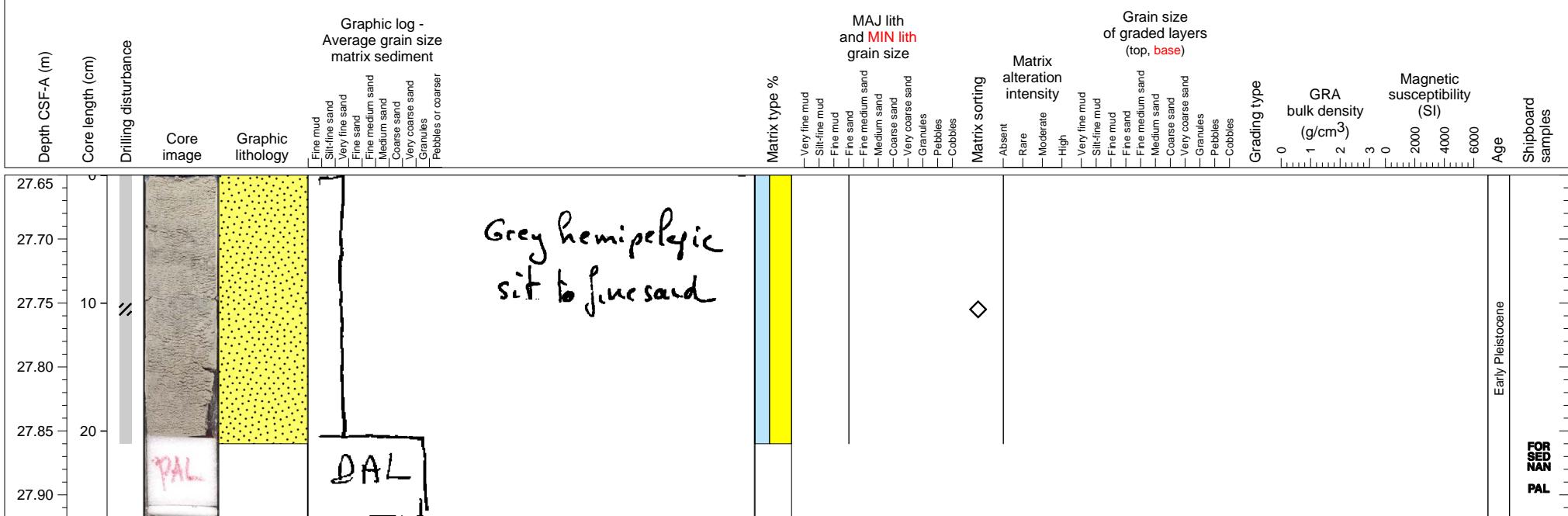


Silty hemipelagic sediment with a thin ash fall.

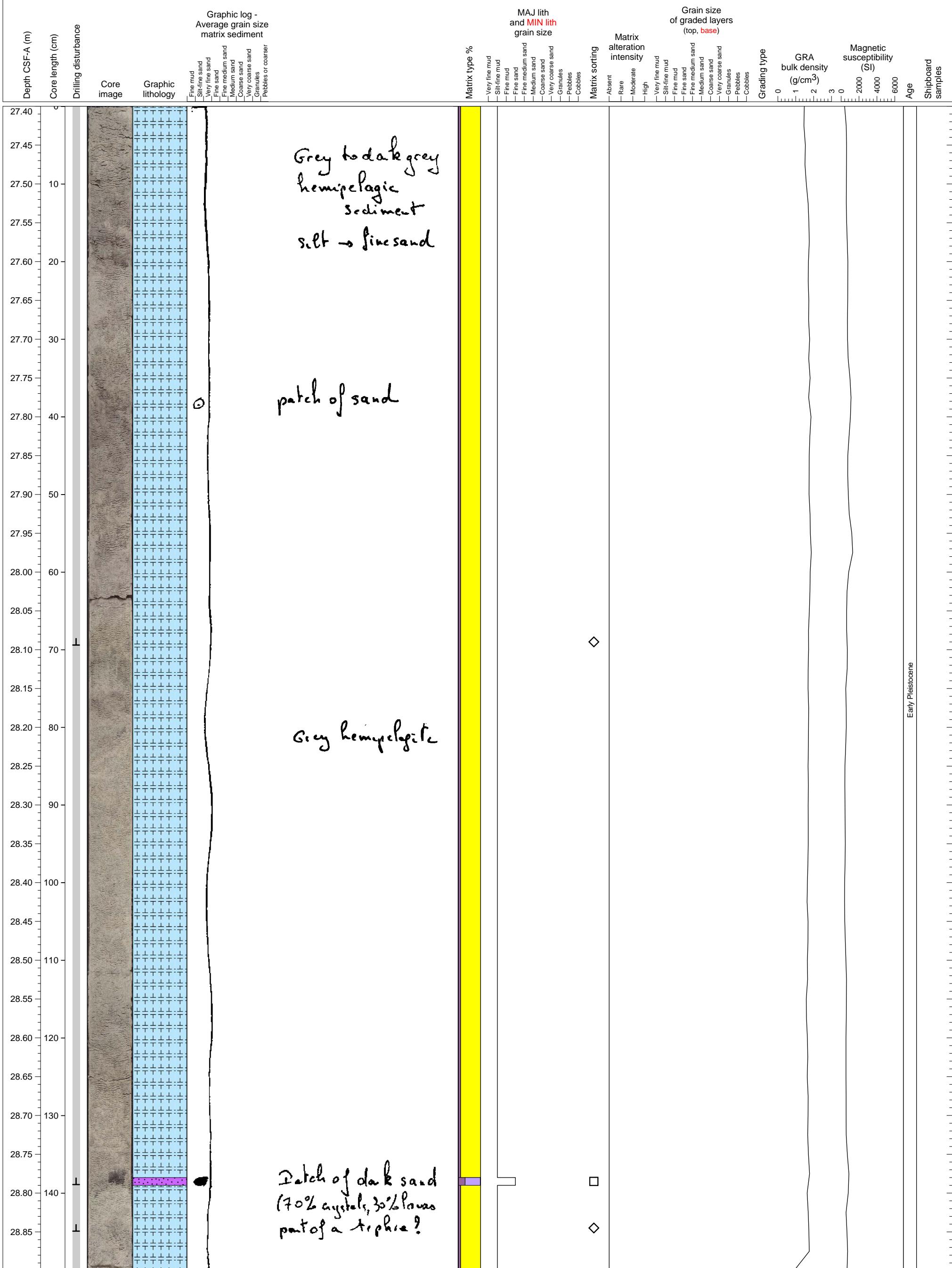


Early Pleistocene

Silty hemipelagic sediment.

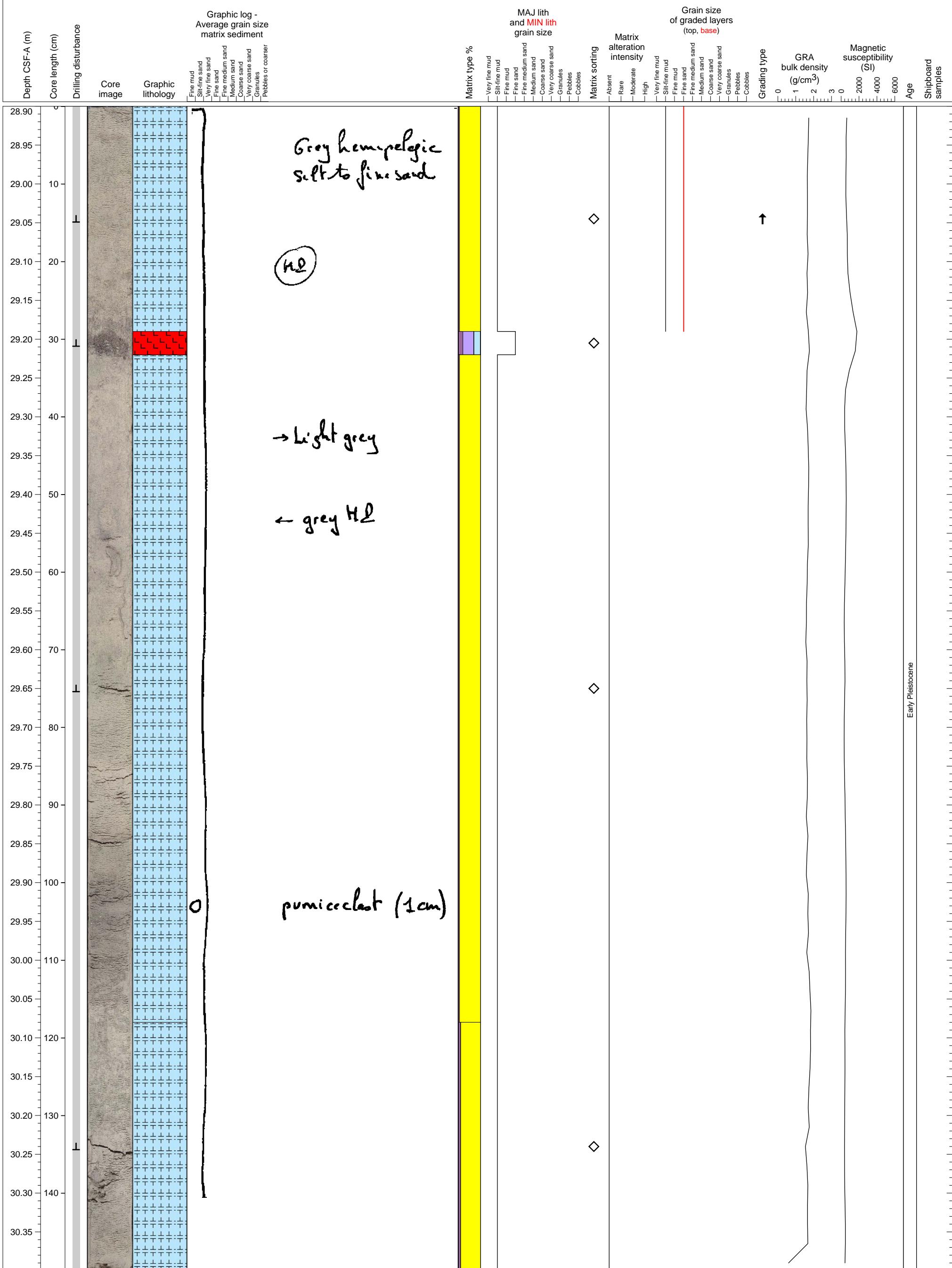


Silty hemipelagic sediments with a patch of volcaniclastic sand - bioturbated tephra?



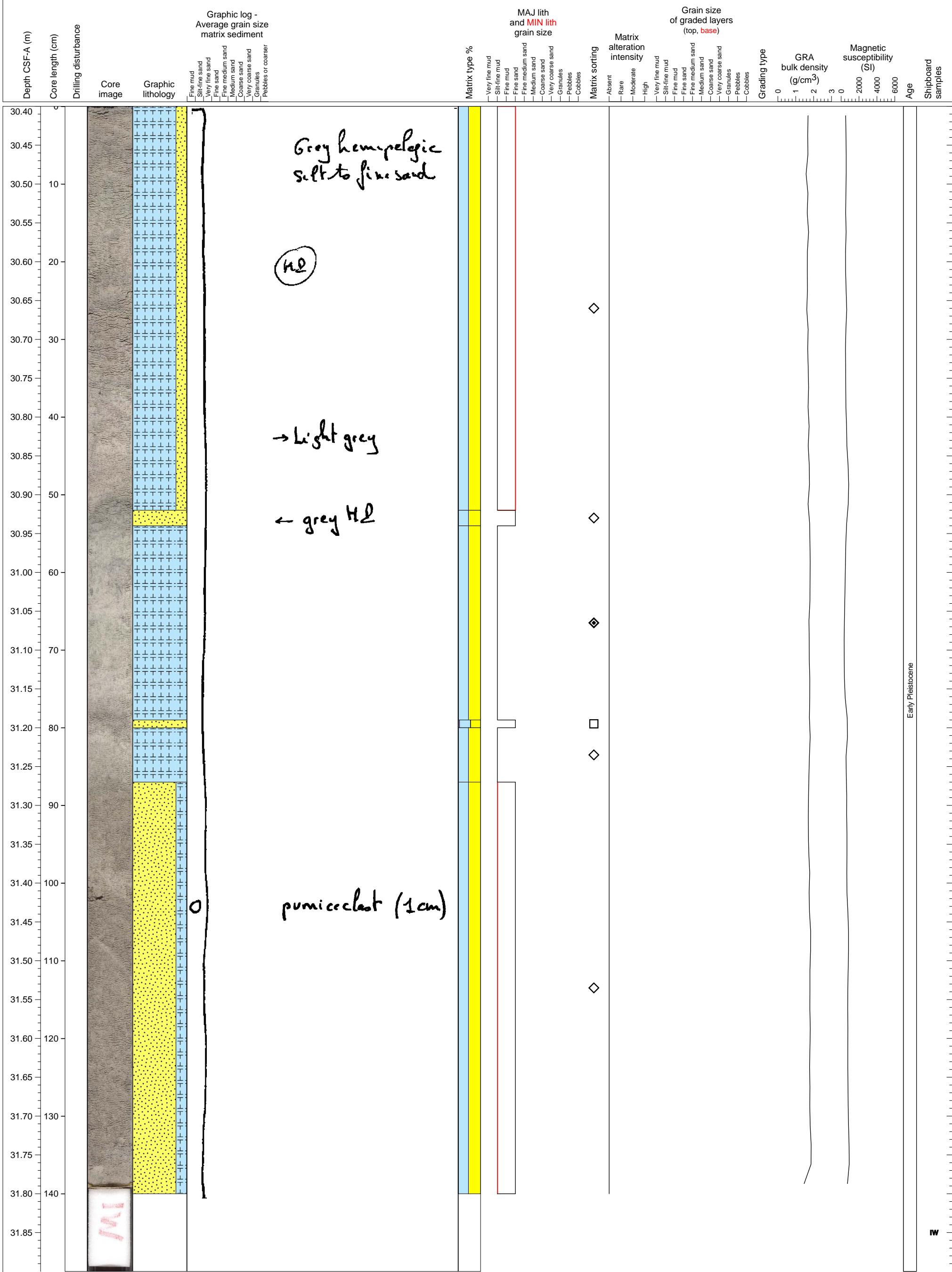
Hole 340-U1396C-4H Section 2, Top of Section: 28.9 CSF-A (m)

Silty hemipelagic sediment with a single ash layer.

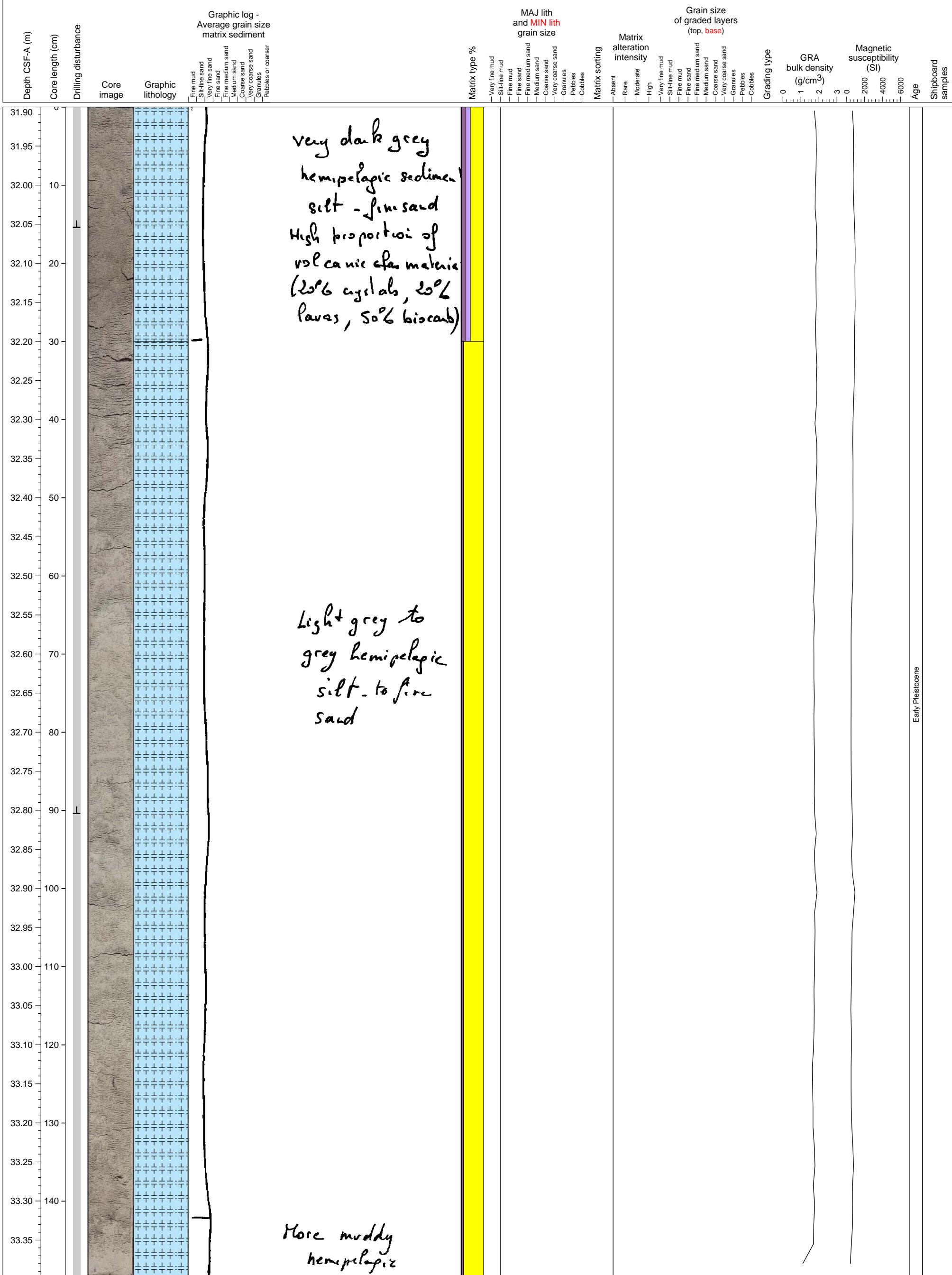


Hole 340-U1396C-4H Section 3, Top of Section: 30.4 CSF-A (m)

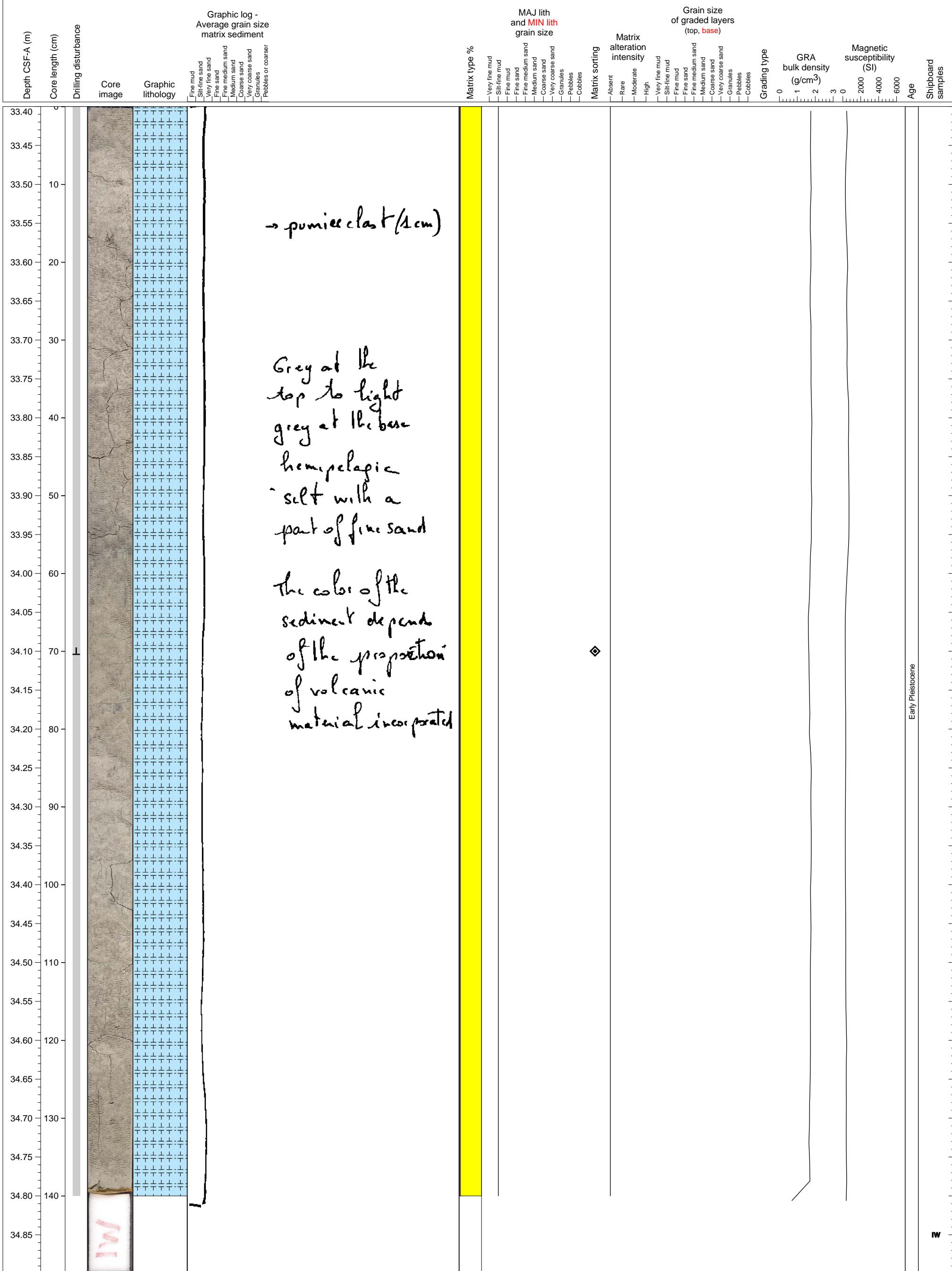
Mottled hemipelagic sediments.



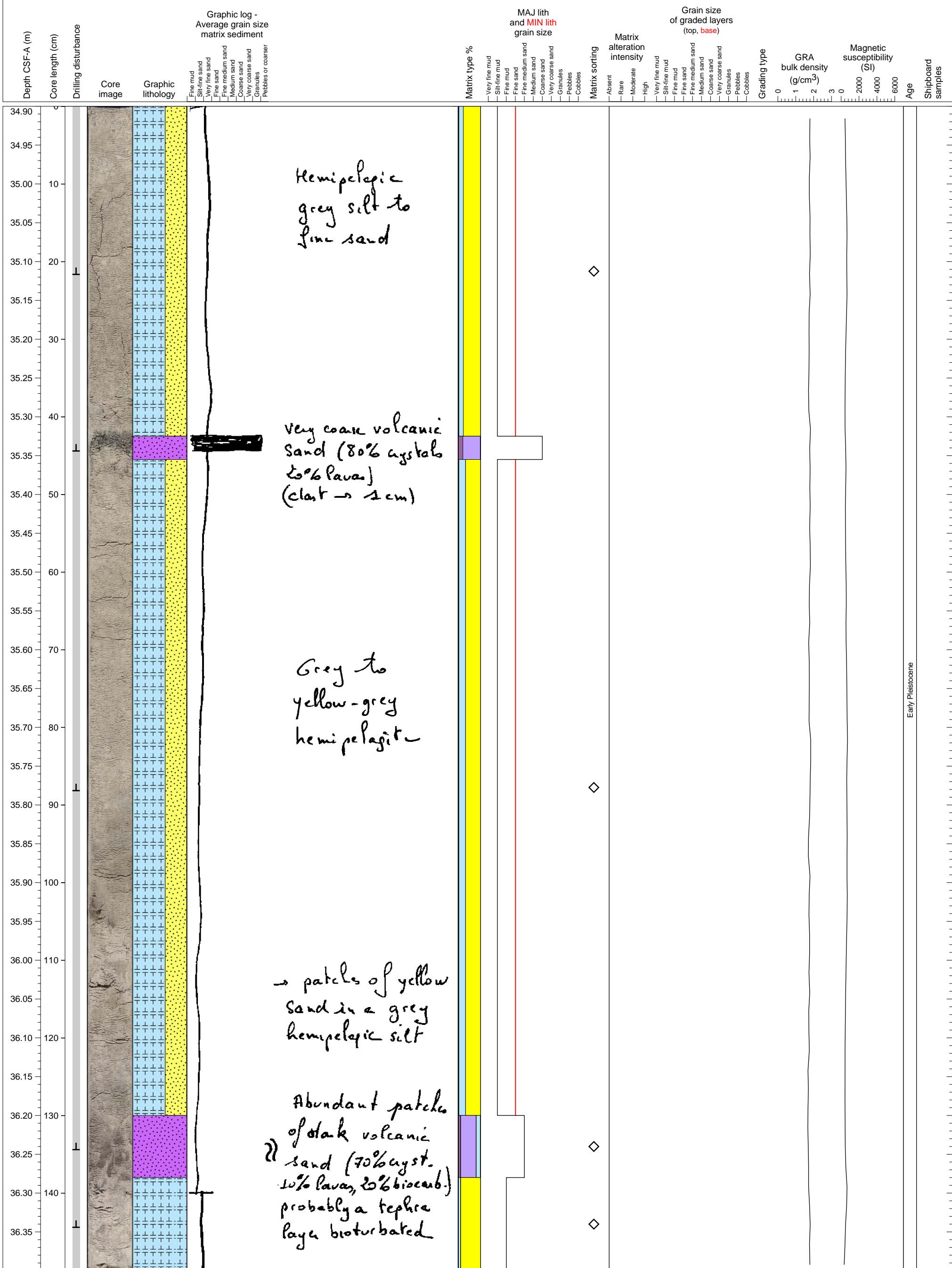
Hemipelagite.



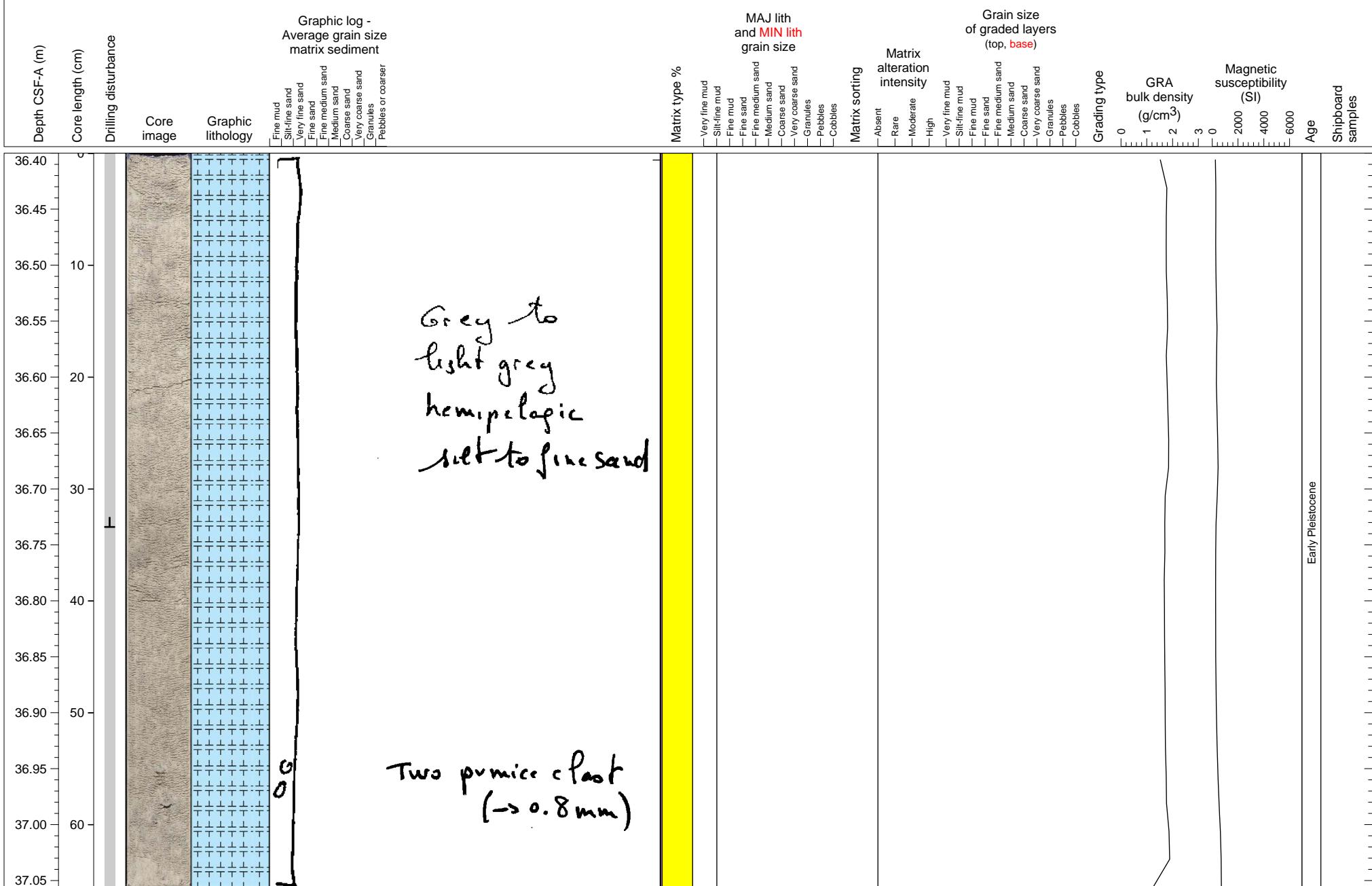
Hemipelagite.



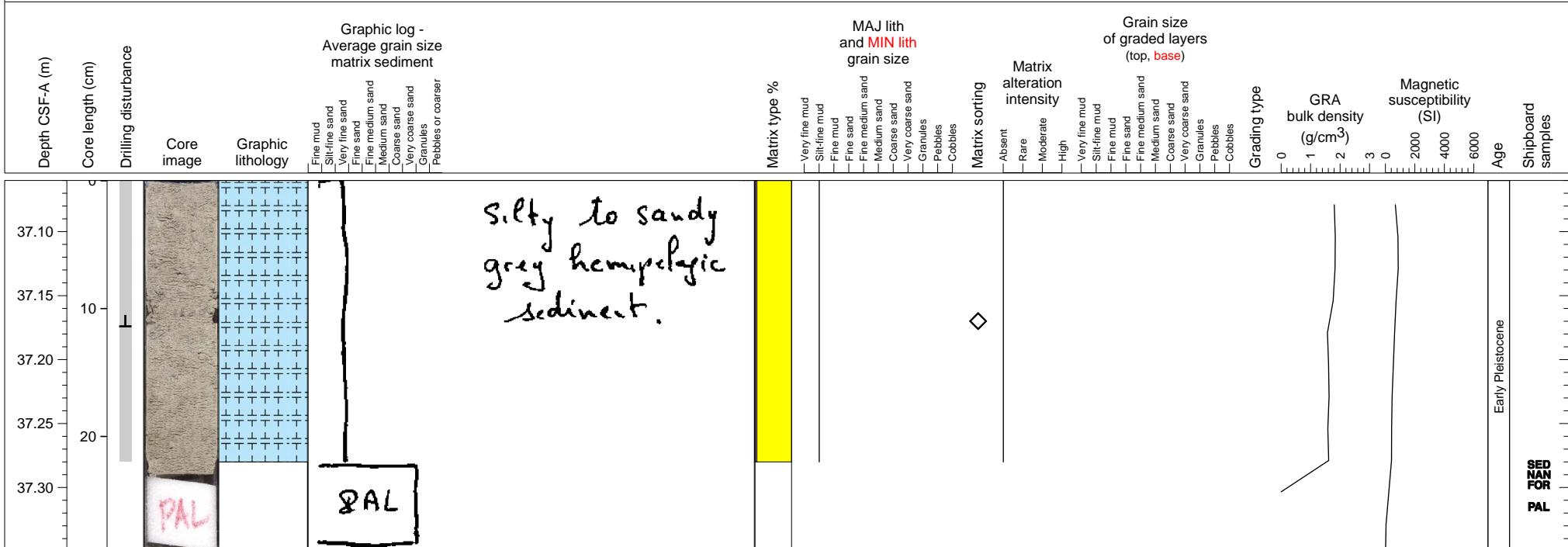
Hemipelagic sediment with 2 volcanioclastic sand layers (probable of ashfall origin but bioturbated)



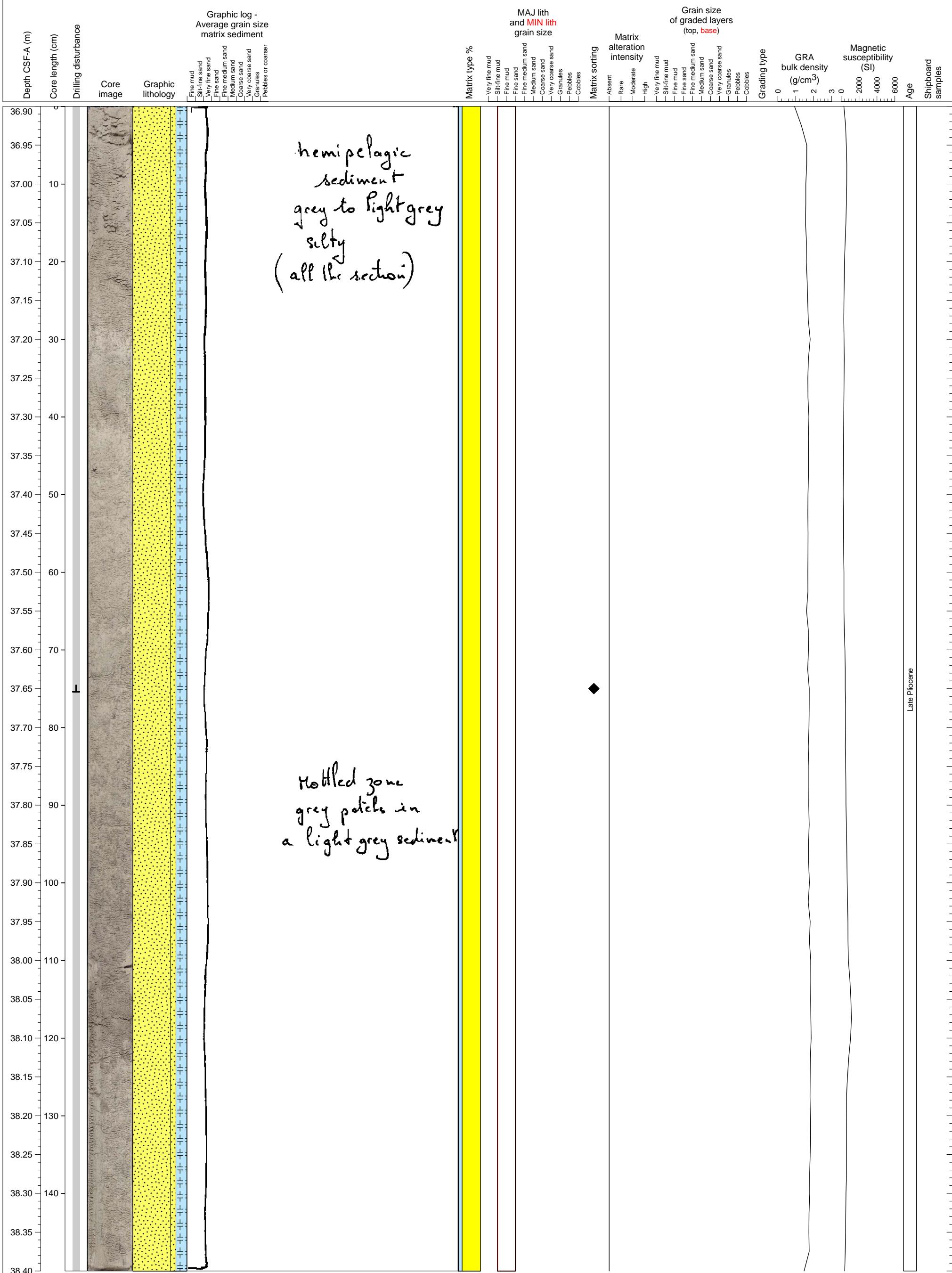
Hemipelagic sediments.



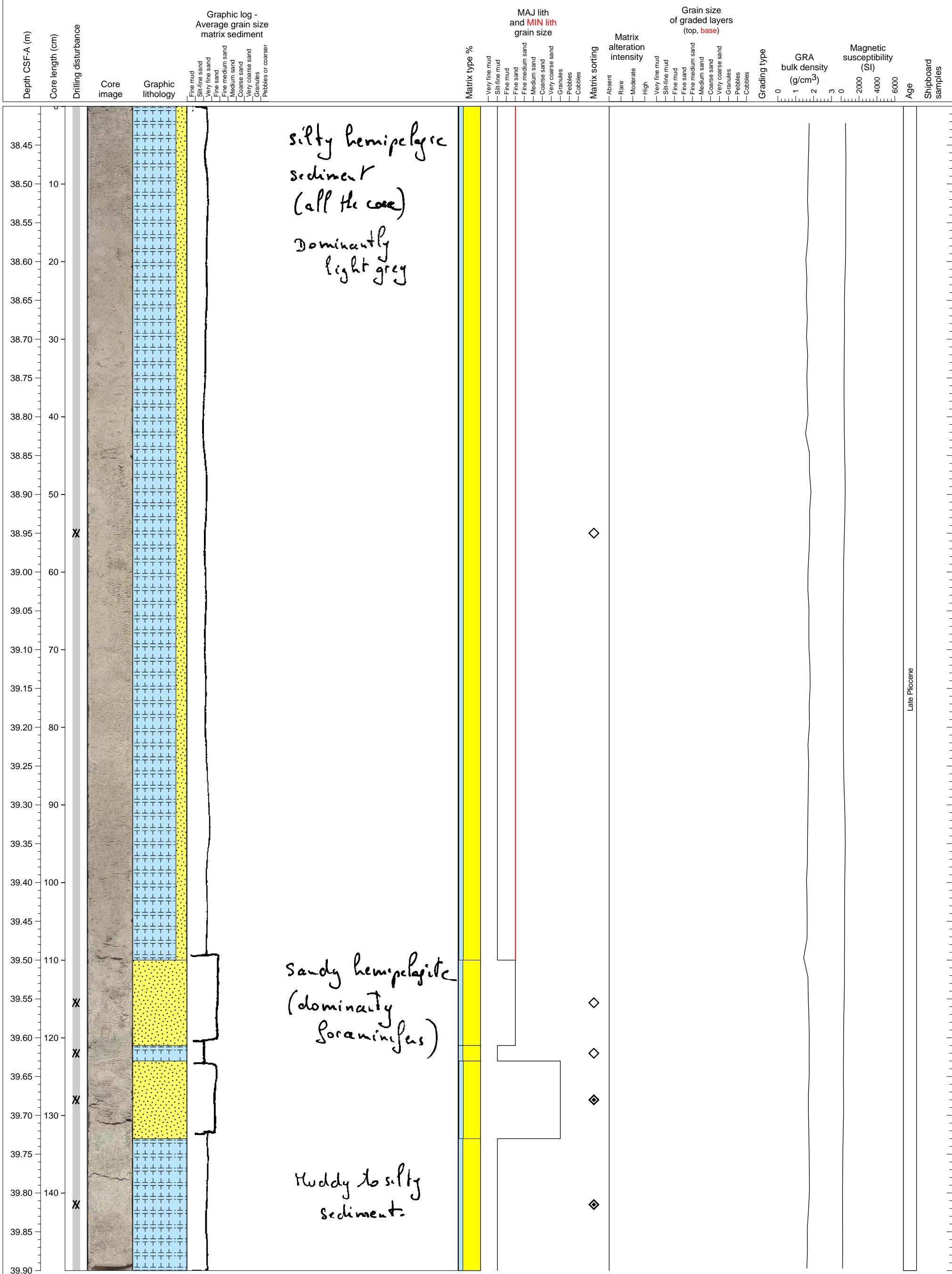
Hemipelagite.



Hemipelagic sediments.

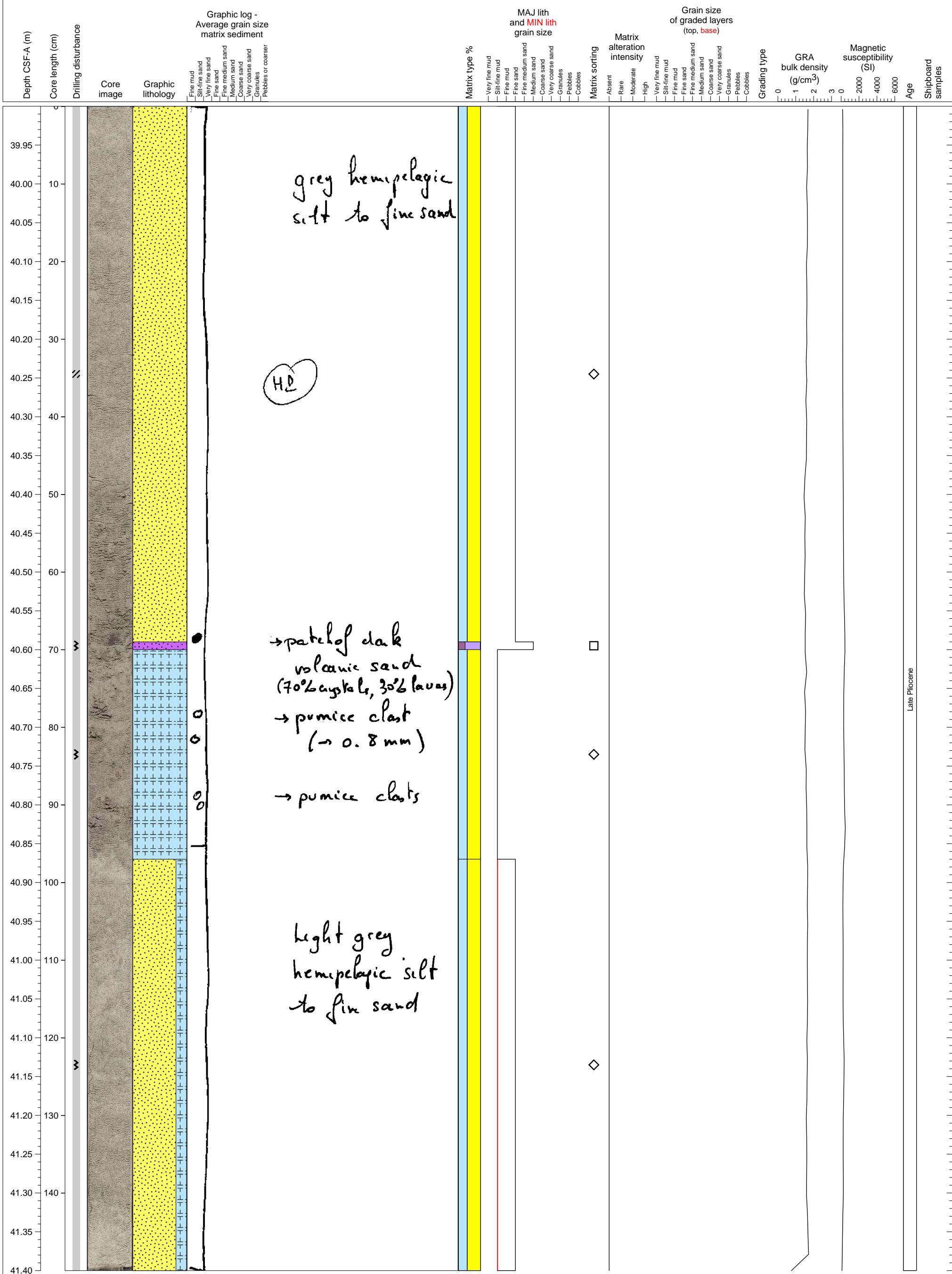


Mottled hemipelagic sediments.

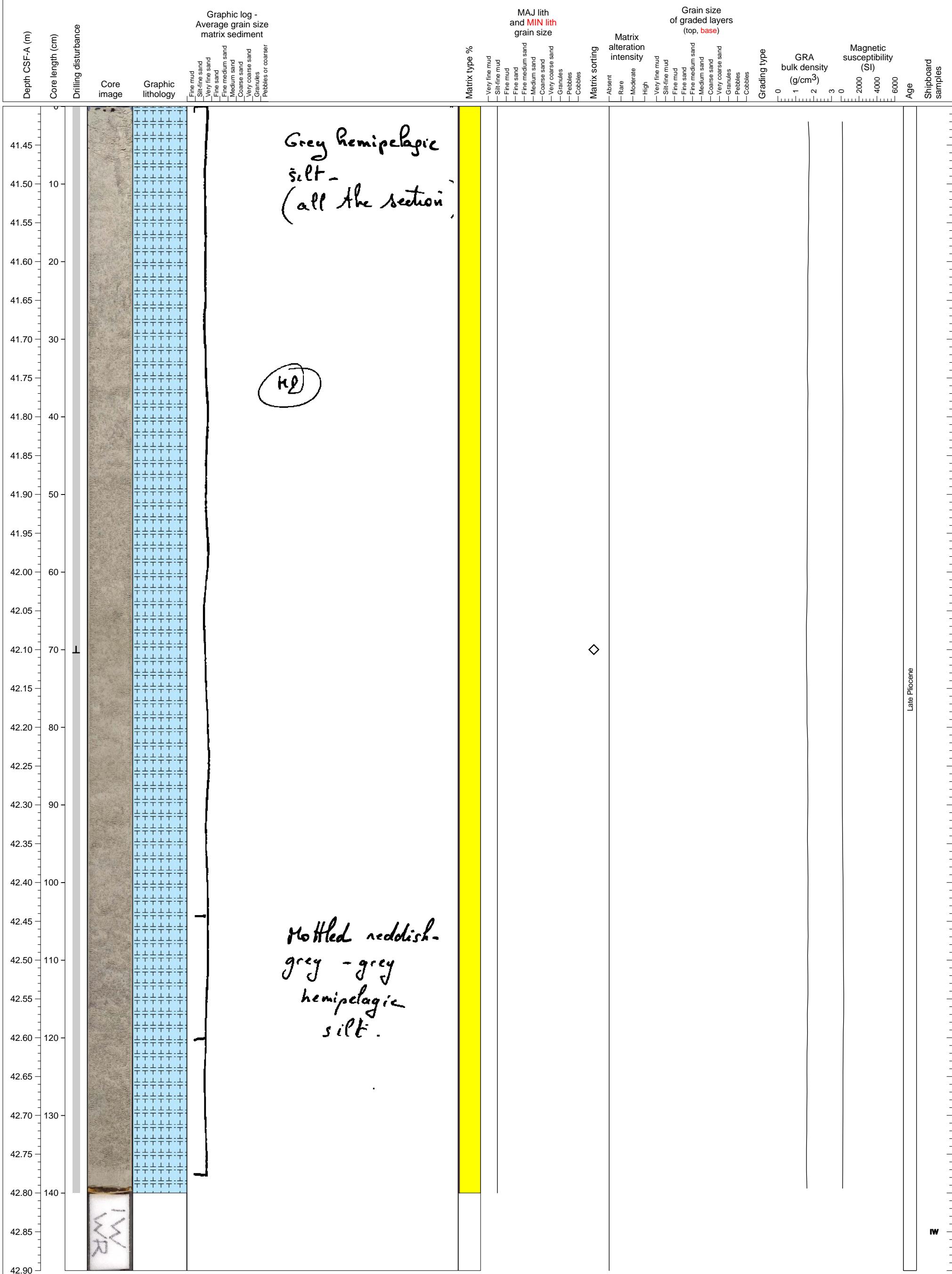


Hole 340-U1396C-5H Section 3, Top of Section: 39.9 CSF-A (m)

Mottled hemipelagic sediments with intercalated volcanic ash layer, bioturbated.

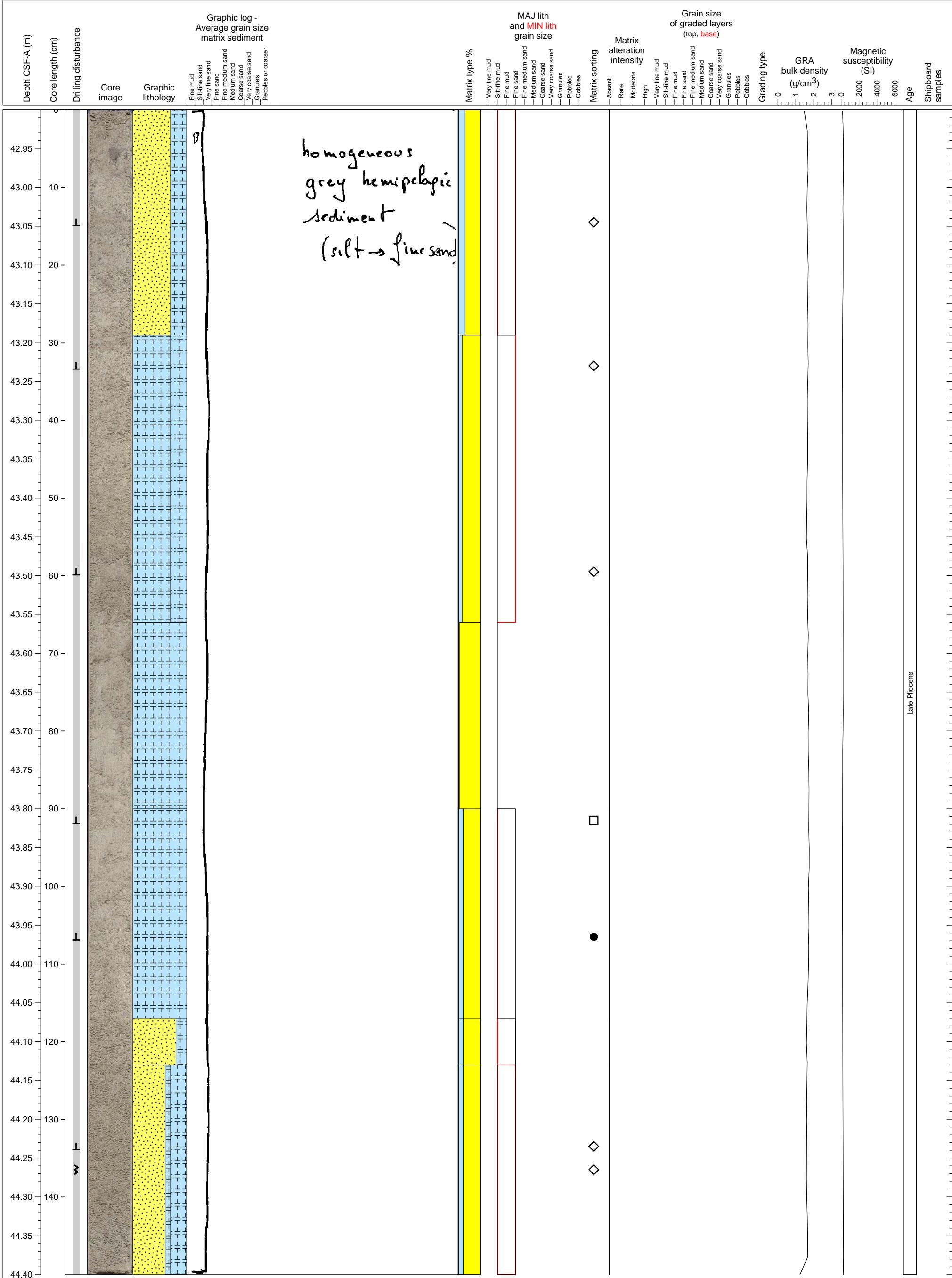


Silty hemipelagic sediment.

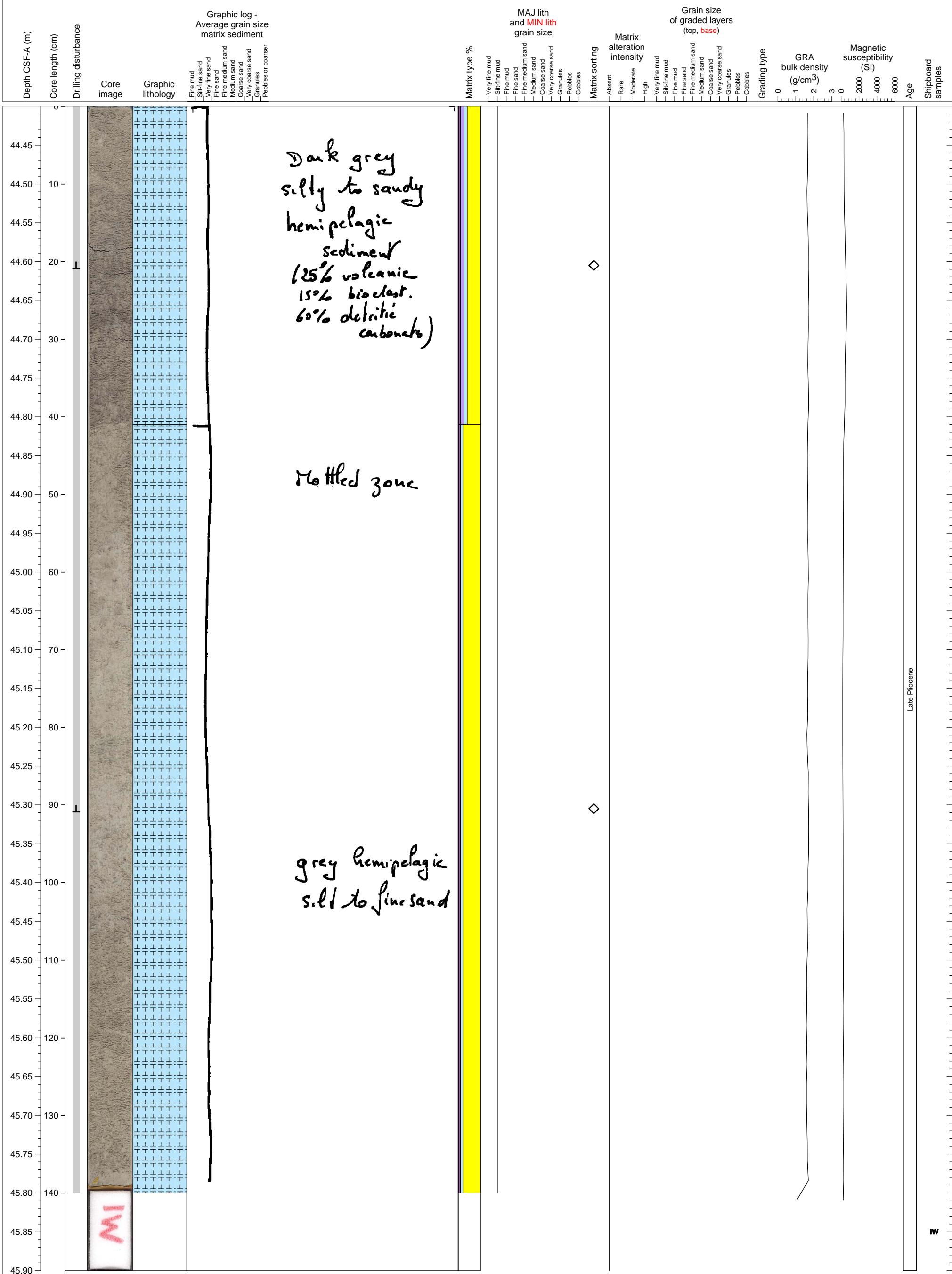


Hole 340-U1396C-5H Section 5, Top of Section: 42.9 CSF-A (m)

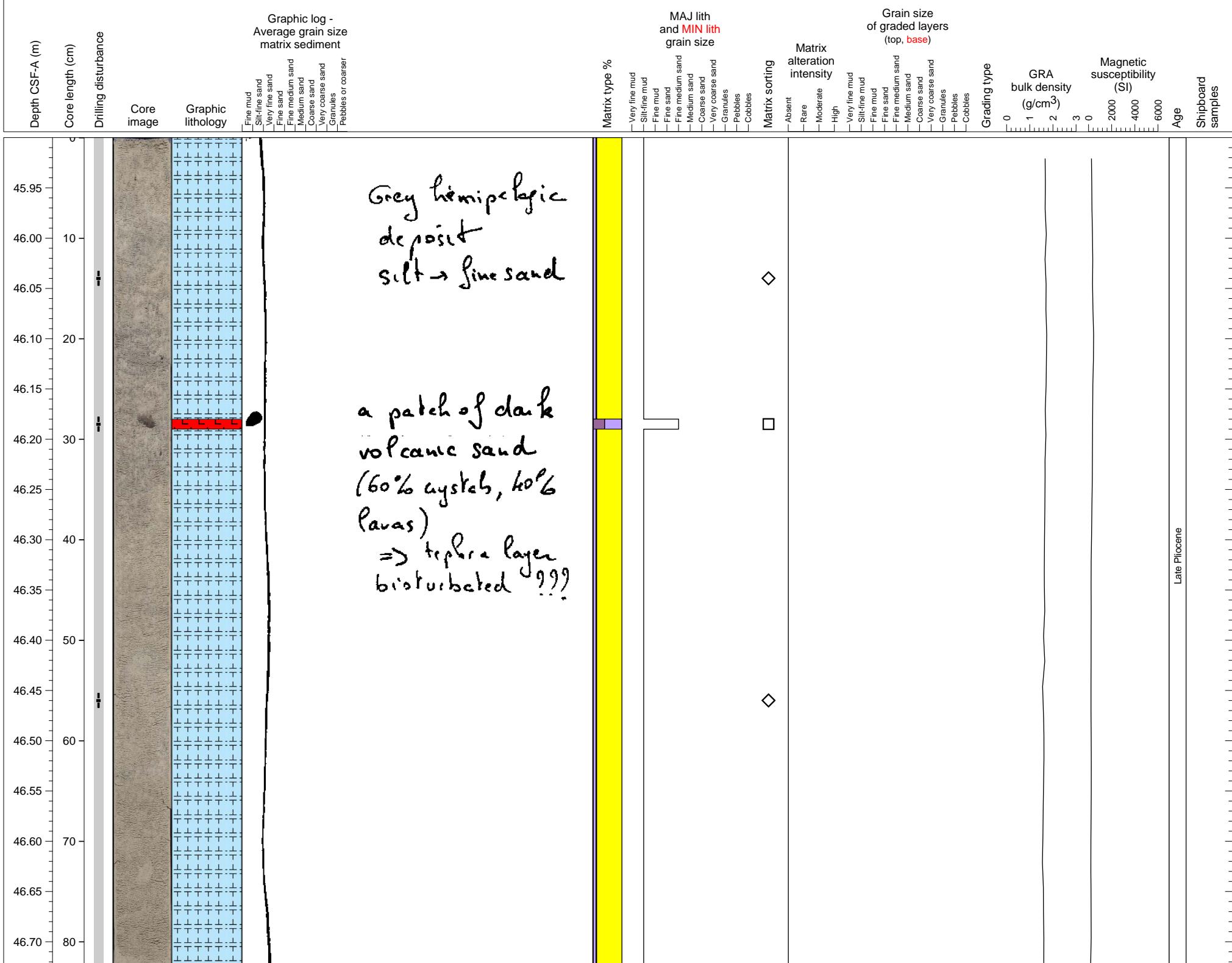
Mottled, bioturbated, hemipelagic sediments.



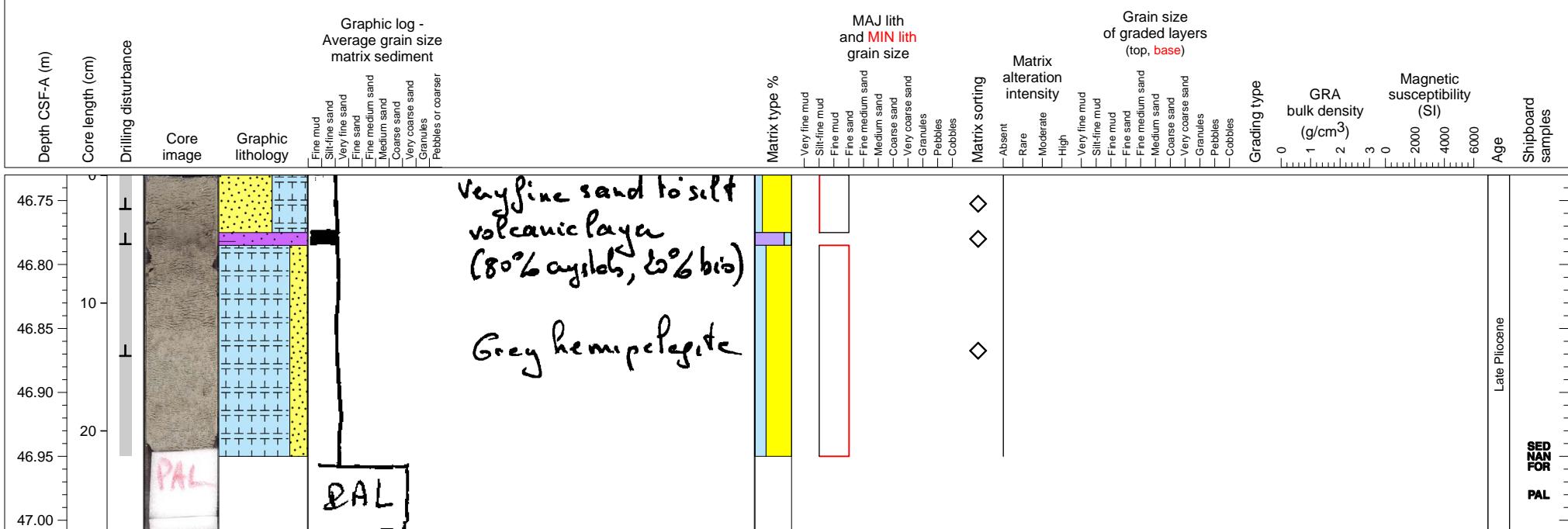
Silty hemipelagic sediment, upper 41 cm contains more volcanic particles.



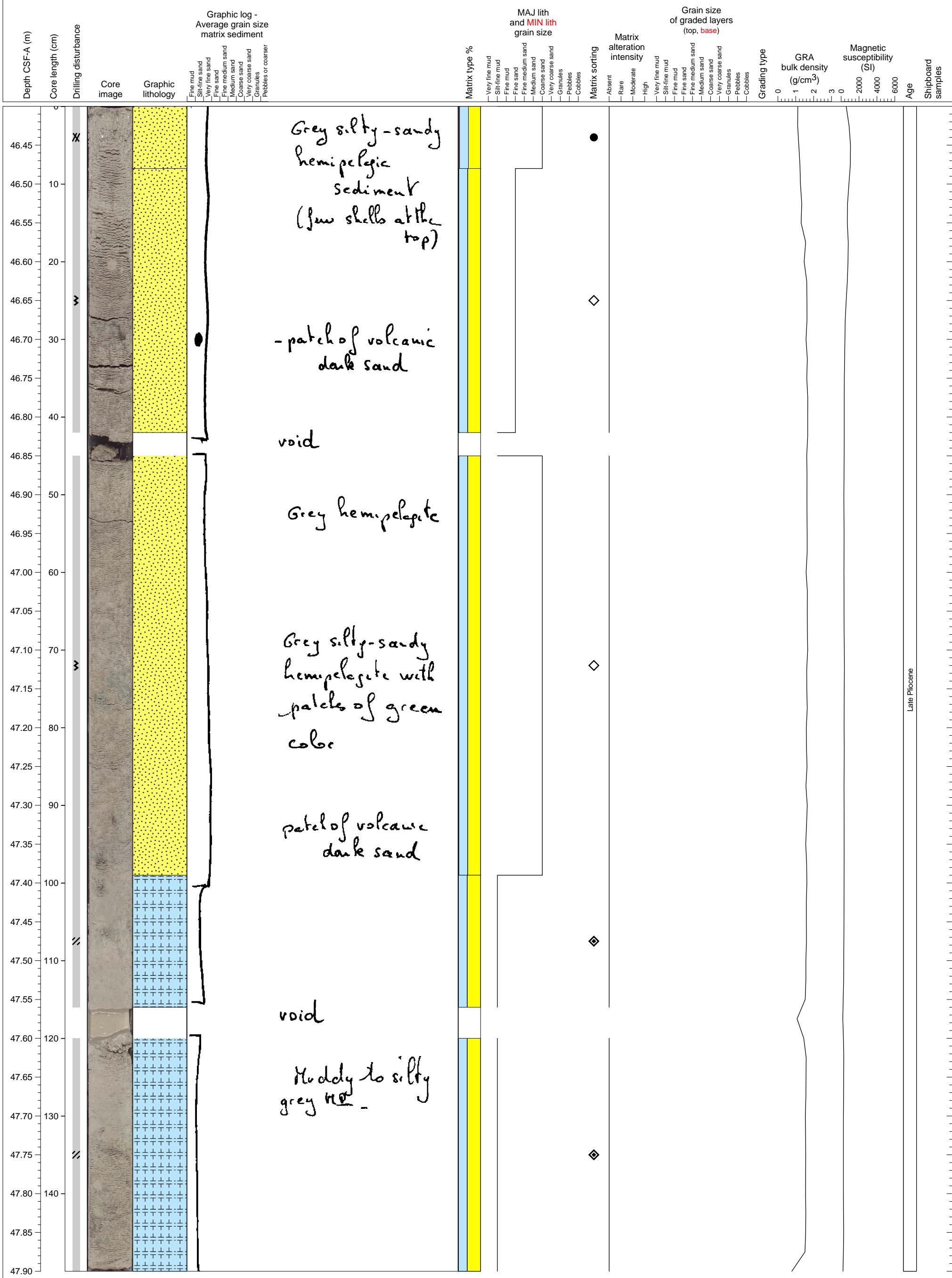
Silty hemipelagic sediment with a patch of dark volcaniclastic sand (60% crystals). Possible bioturbated ash.



Hemipelagic fines with 1 thin ashfall (?) layer in core catcher.

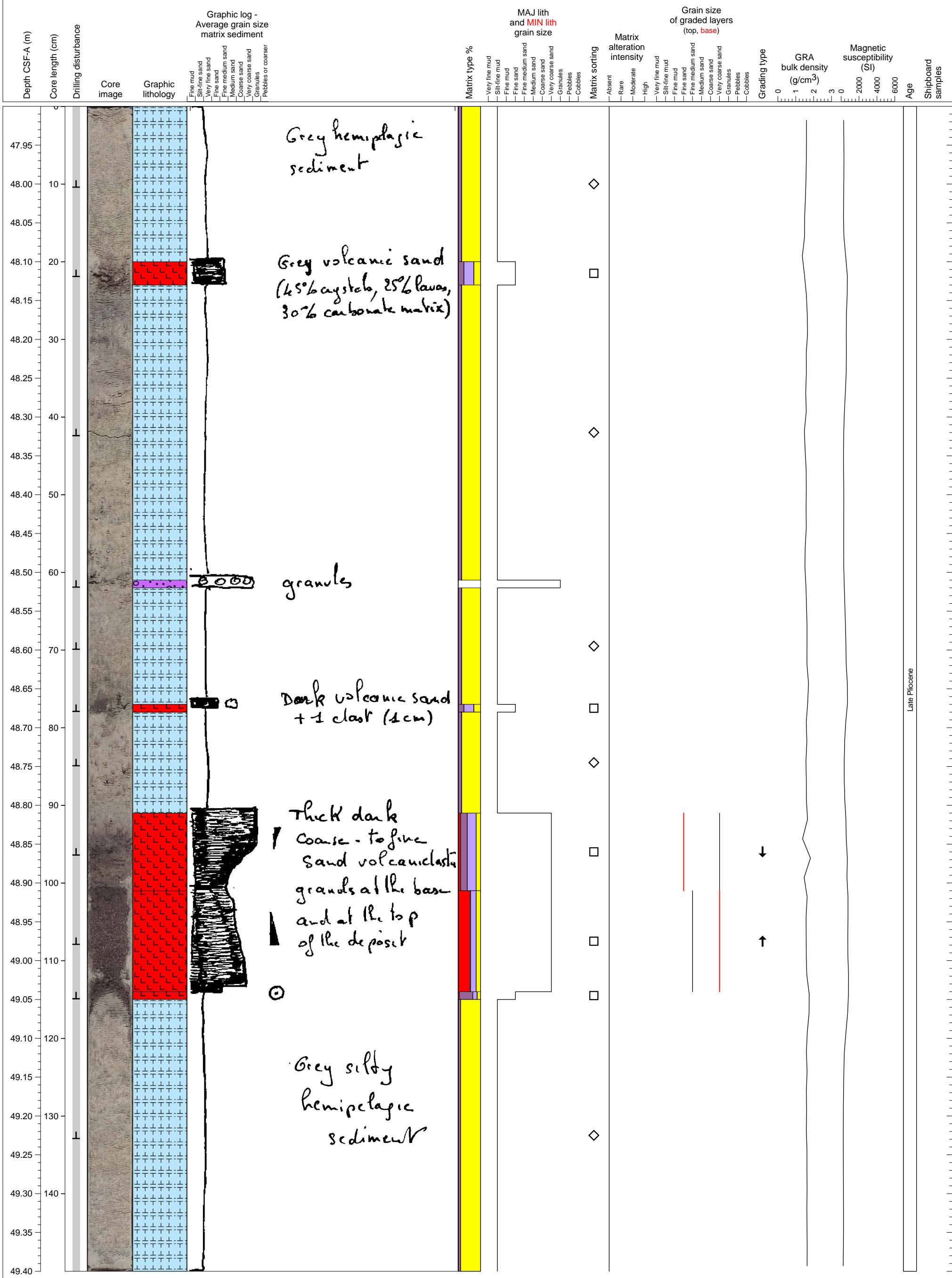


Mottled hemipelagic sediments.



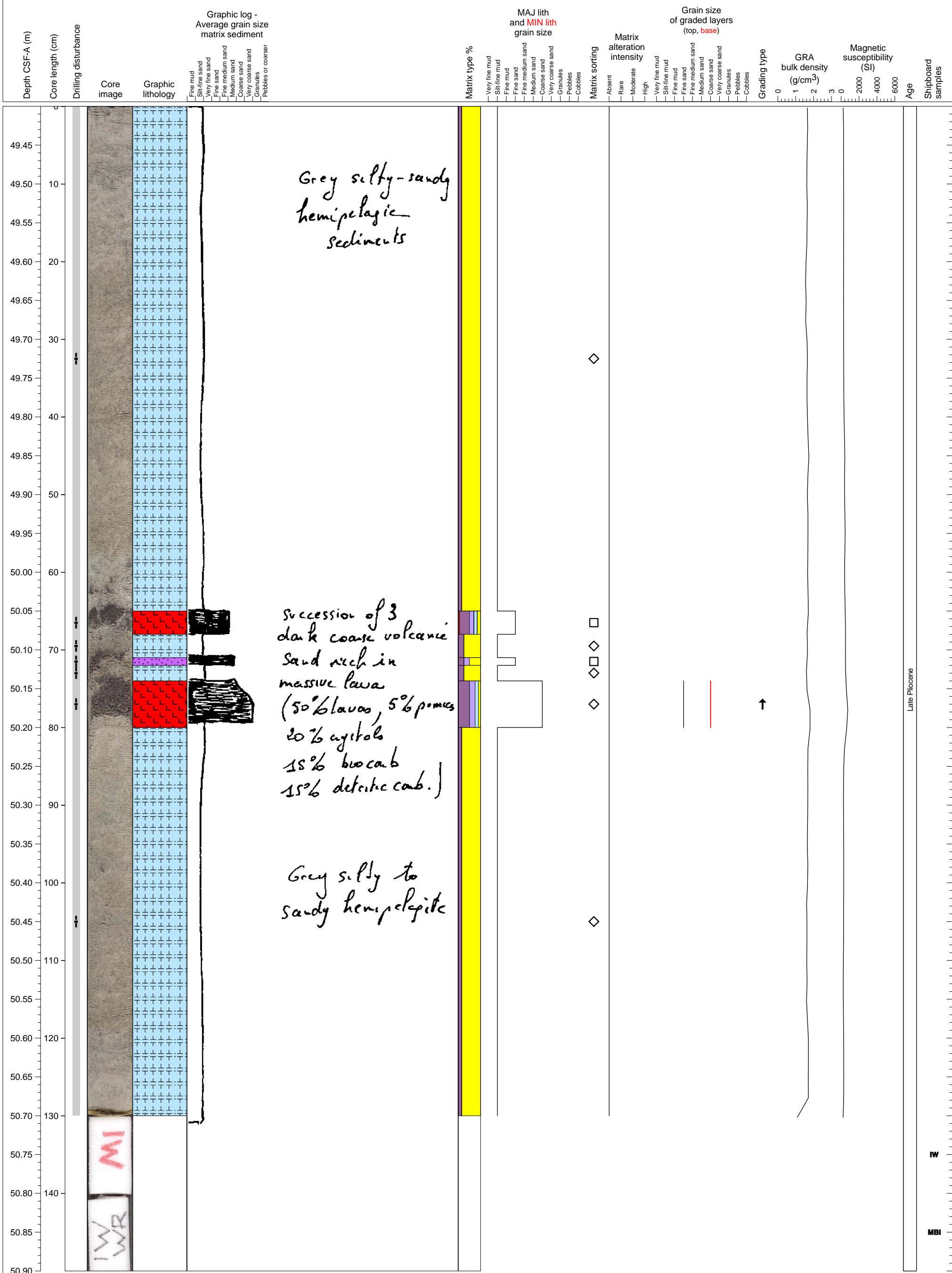
Hole 340-U1396C-6H Section 2, Top of Section: 47.9 CSF-A (m)

Silty hemipelagic sediments with several volcanic ash layers, including a normally and reverse graded set.



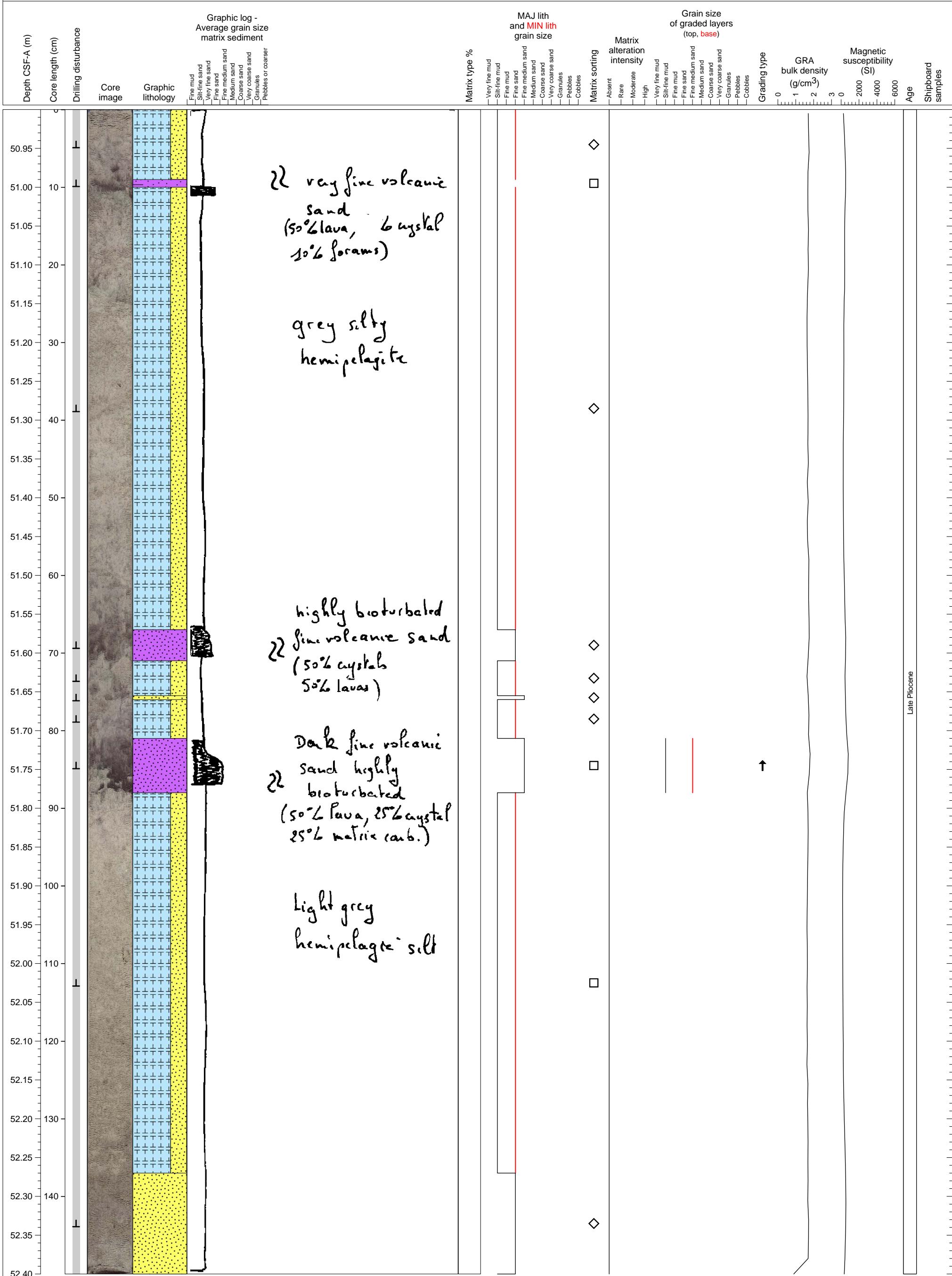
Hole 340-U1396C-6H Section 3, Top of Section: 49.4 CSF-A (m)

Hemipelagic mud with three thin ashes.

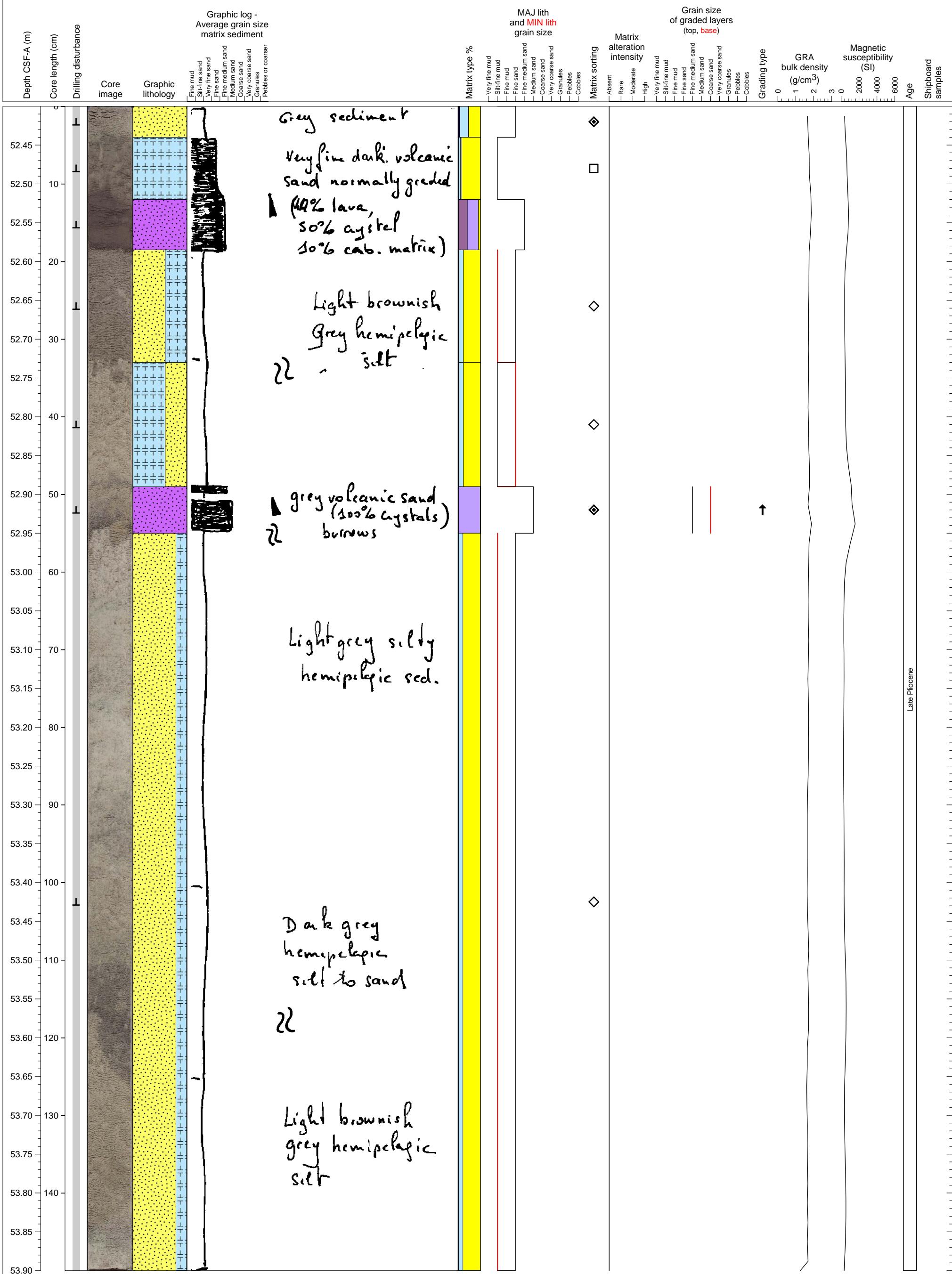


Hole 340-U1396C-6H Section 4, Top of Section: 50.9 CSF-A (m)

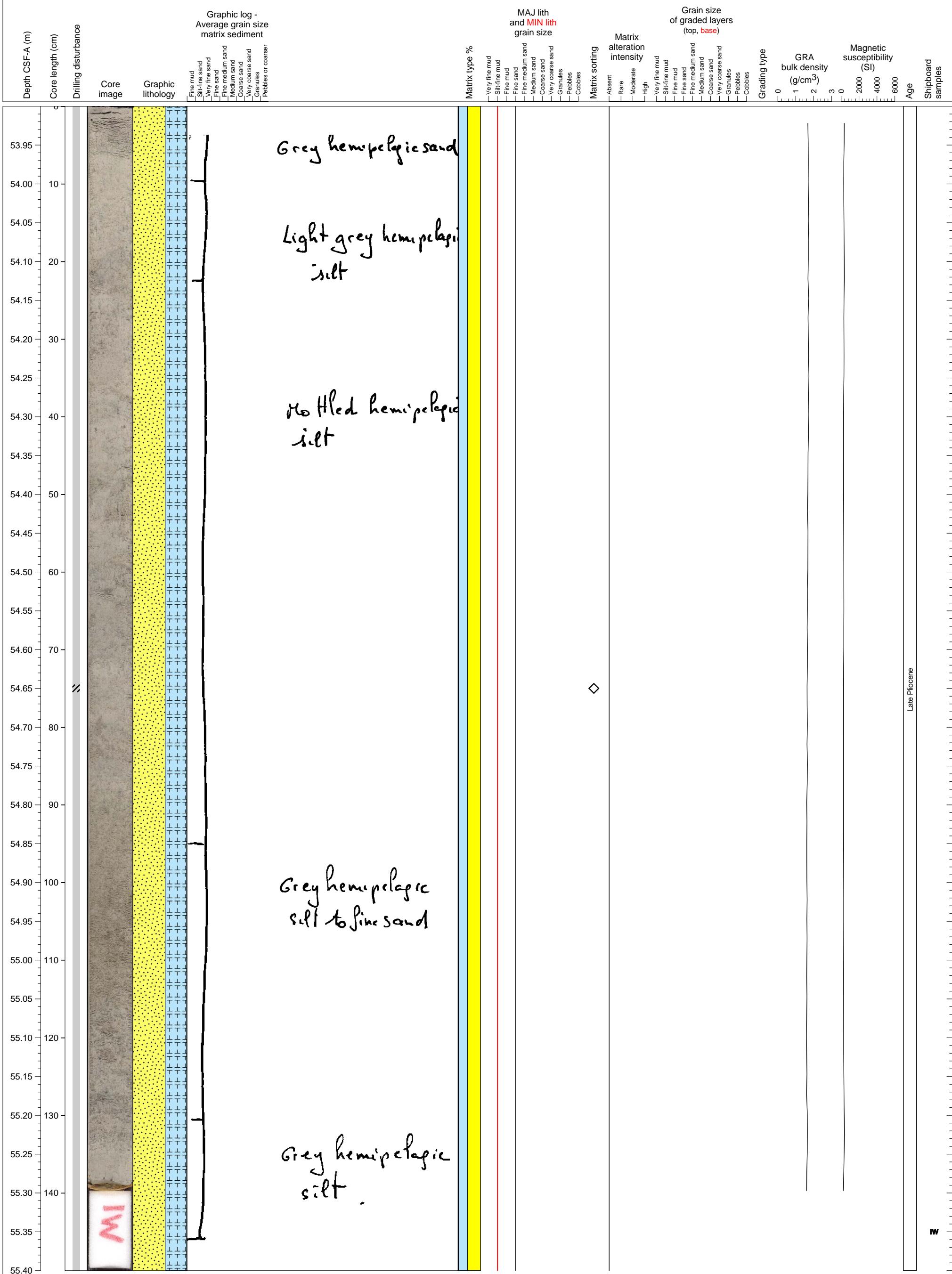
This section contains three ash fall layers. The second layer (81-88 cm) has normal grading fining upward from fine-medium sand to silt. Bioturbation is common throughout the section.



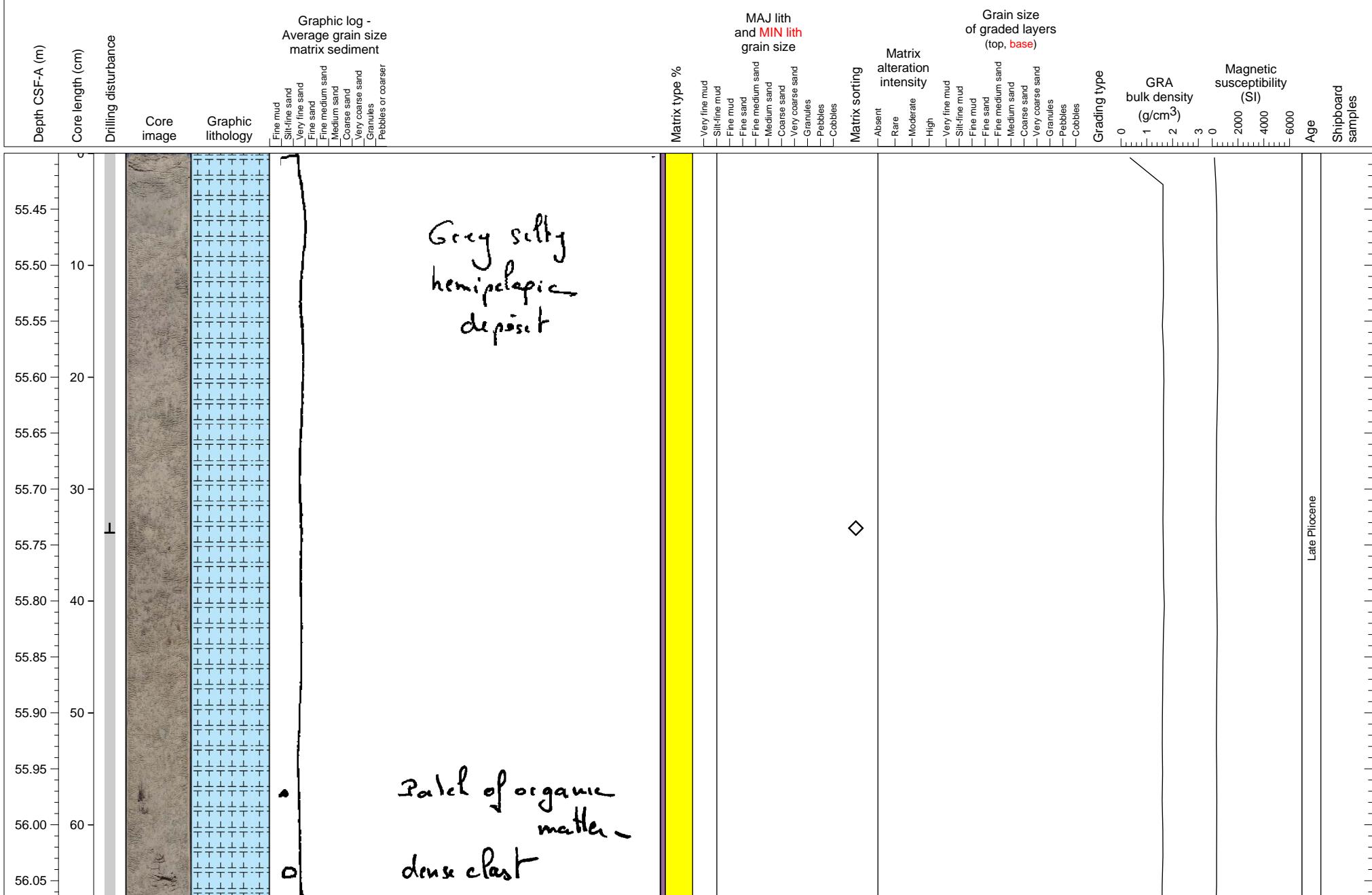
Bioturbated hemipelagic sediments with a couple of ashfall layers.



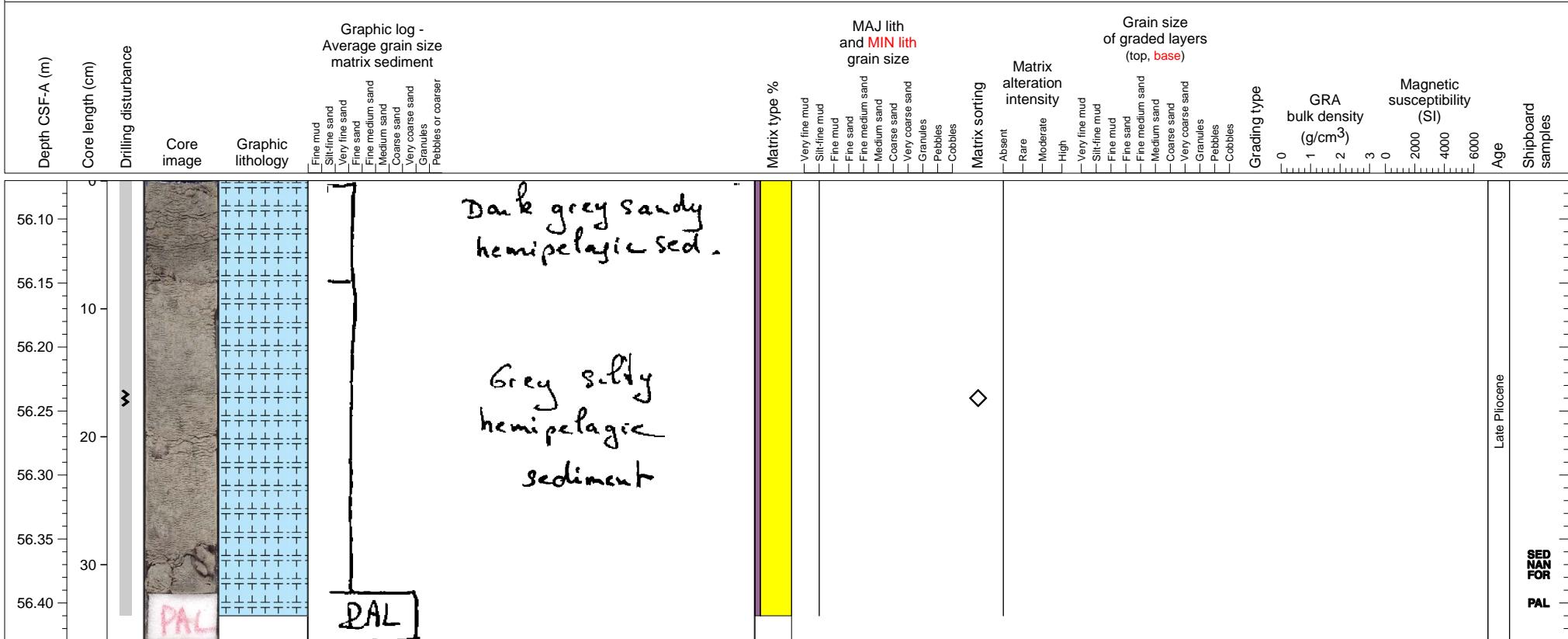
Mottled hemipelagic sediments.



Hemipelagic mud.

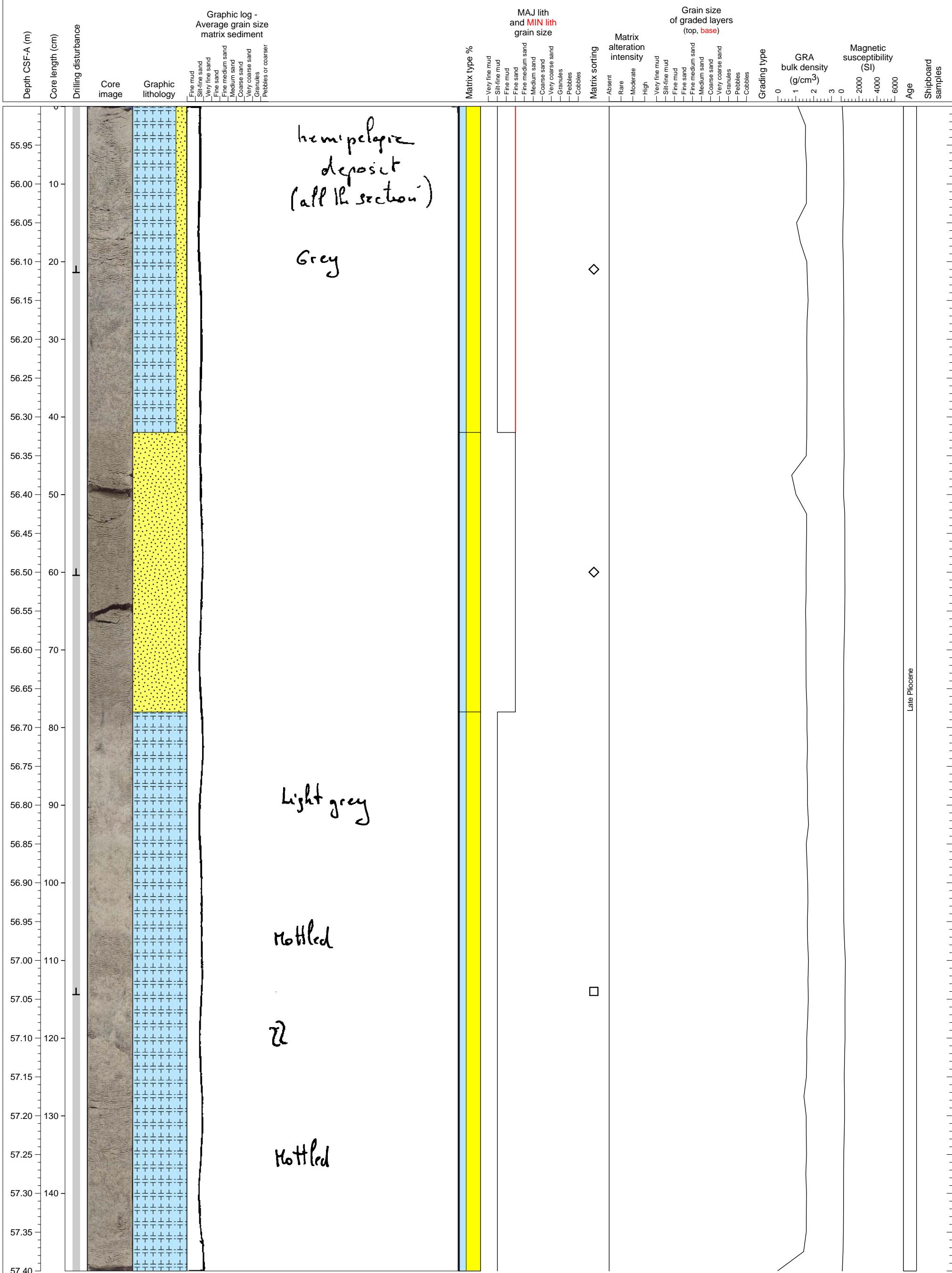


Moderately disturbed silty hemipelagic clay.

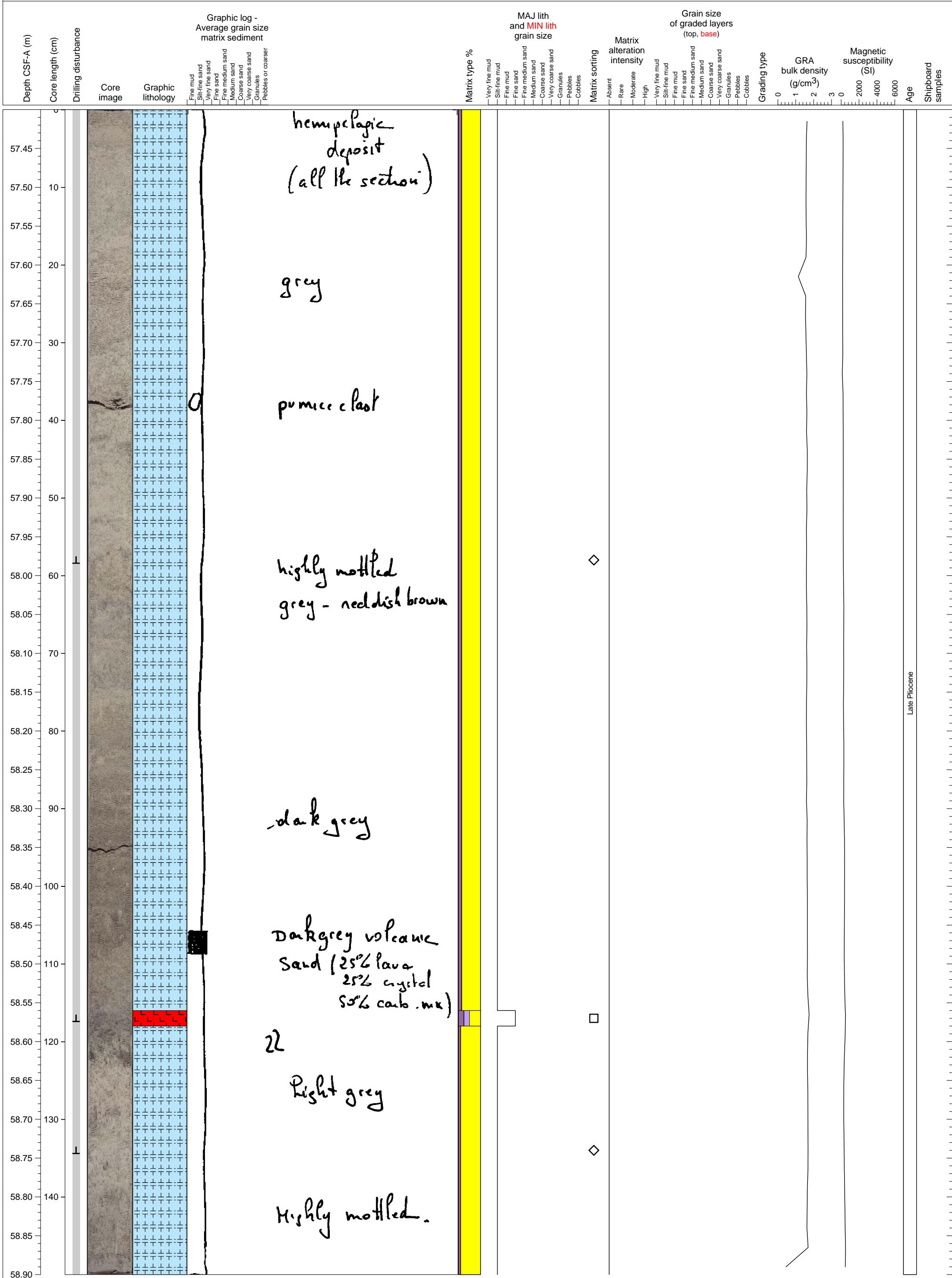


Hole 340-U1396C-7H Section 1, Top of Section: 55.9 CSF-A (m)

Mottled hemipelagic sediments.

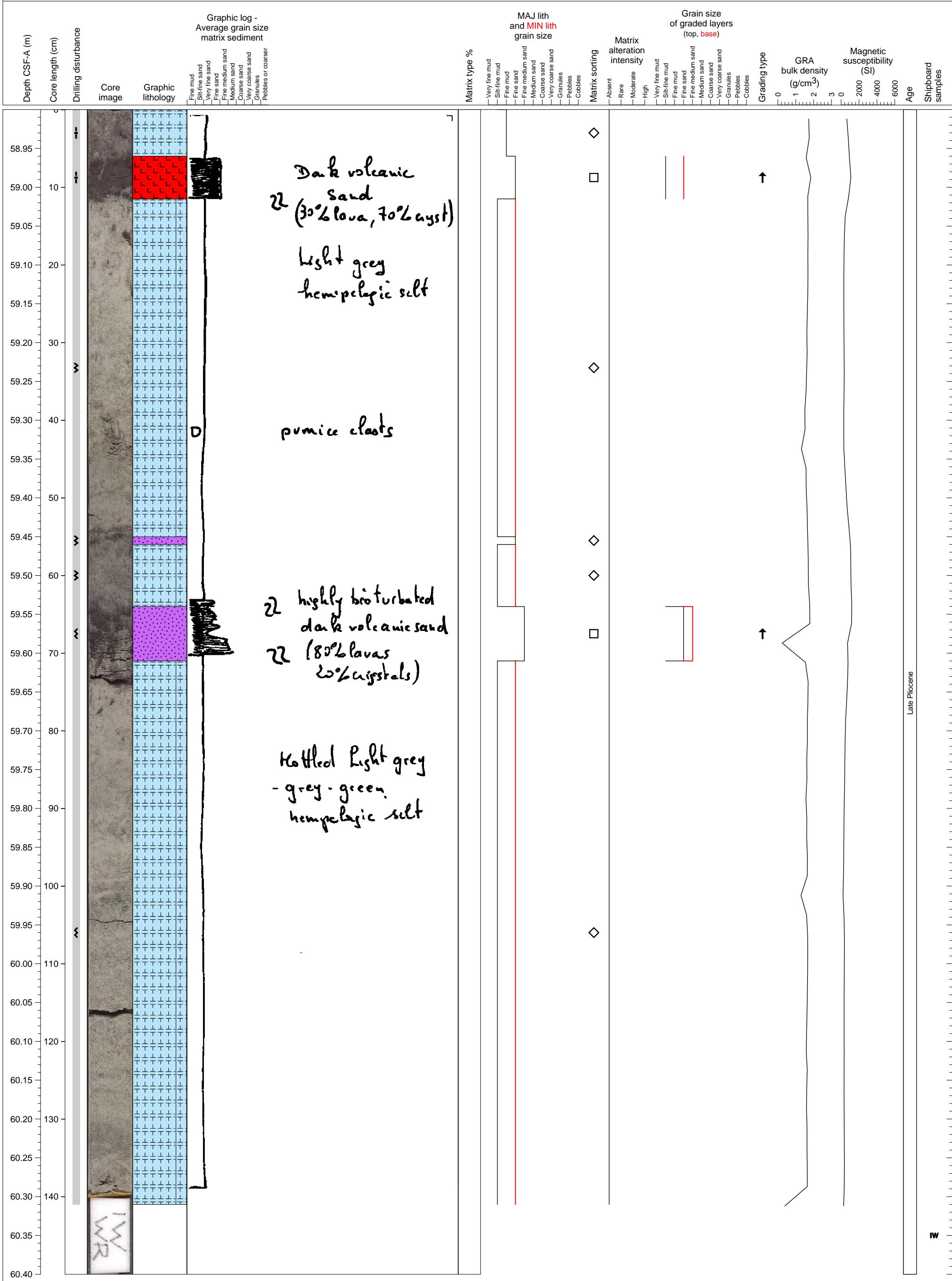


Hemipelagic sediment with a thin, fine-grained ash layer.



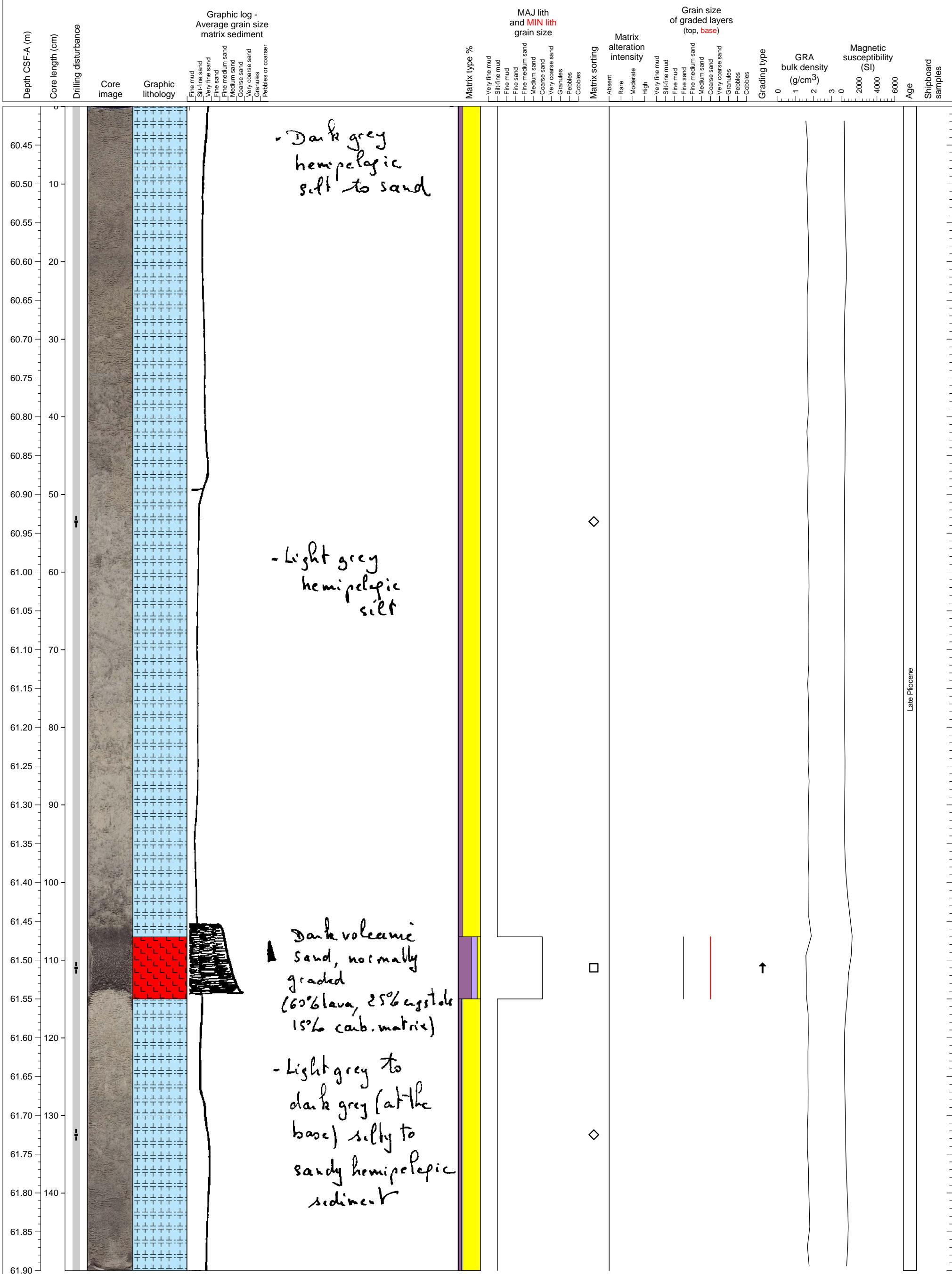
Hole 340-U1396C-7H Section 3, Top of Section: 58.9 CSF-A (m)

This section contains two normal grading ash layers of 5-7 cm. The upper layer is crystal rich and the lower layer contains less crystals and more massive lava fragments.

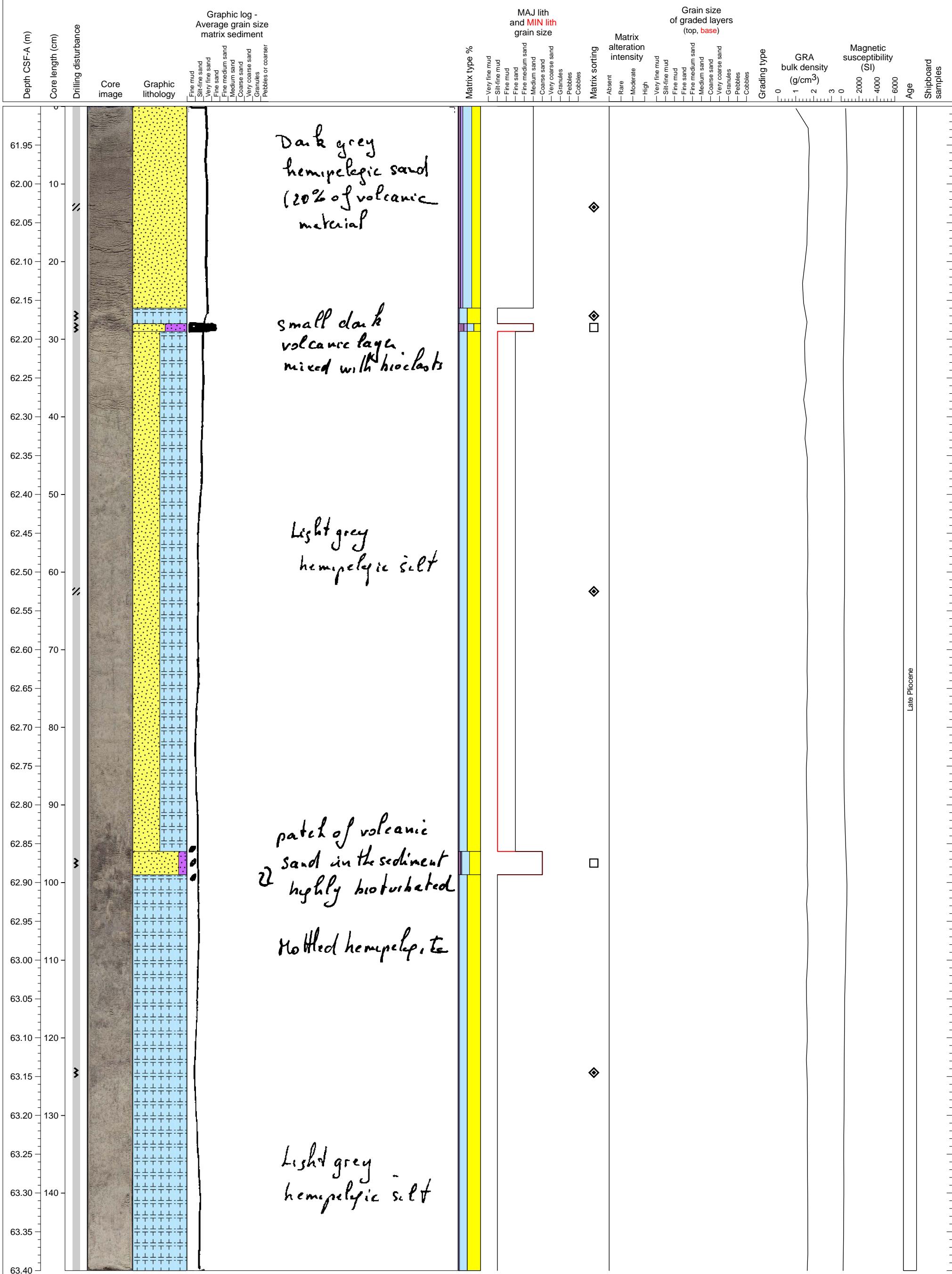


Hole 340-U1396C-7H Section 4, Top of Section: 60.4 CSF-A (m)

Hemipelagic mud with ash sand at 110 cm.

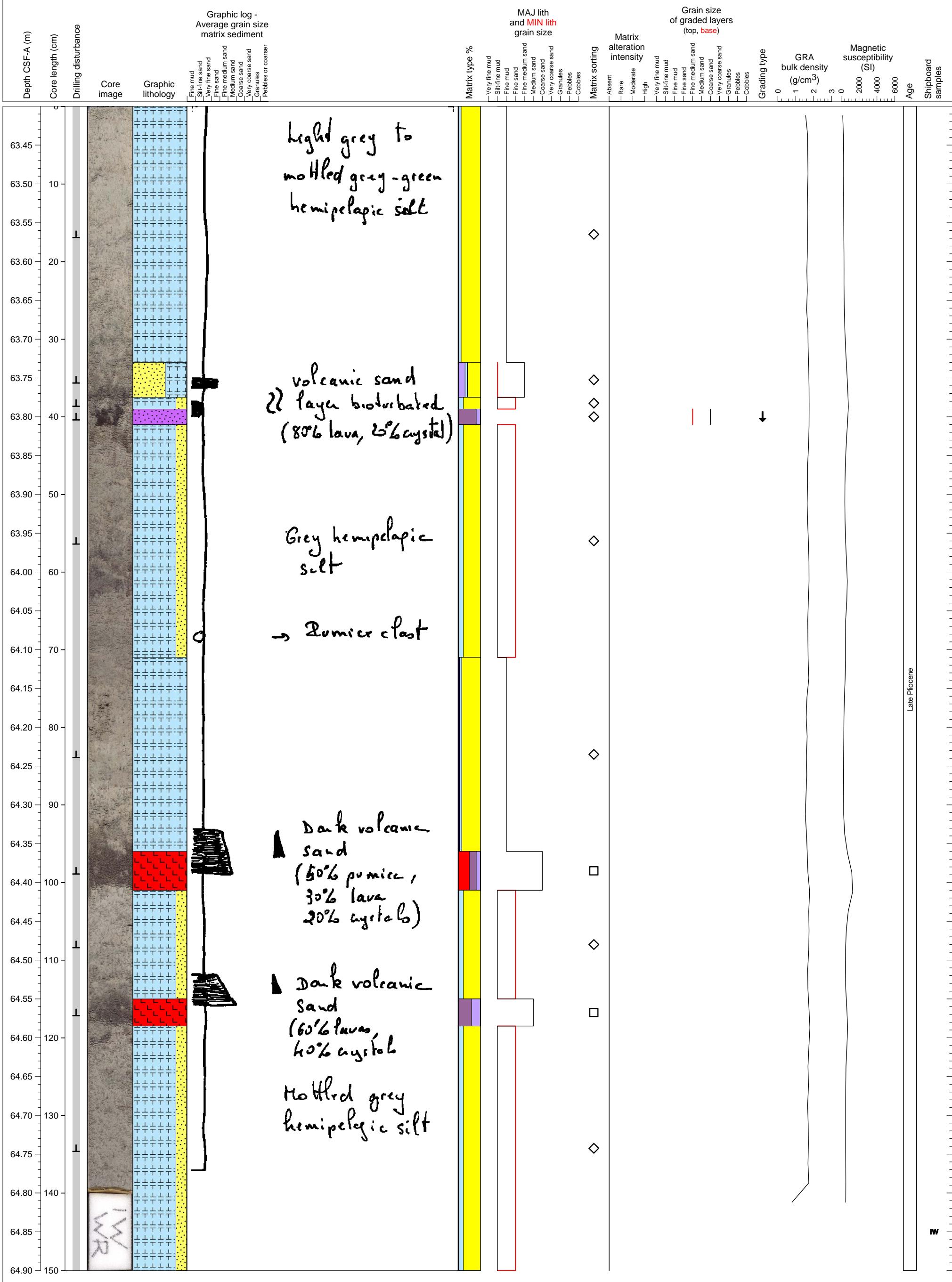


Mottled hemipelagic sediments with intercalated volcanic ash layers, partly bioturbated.

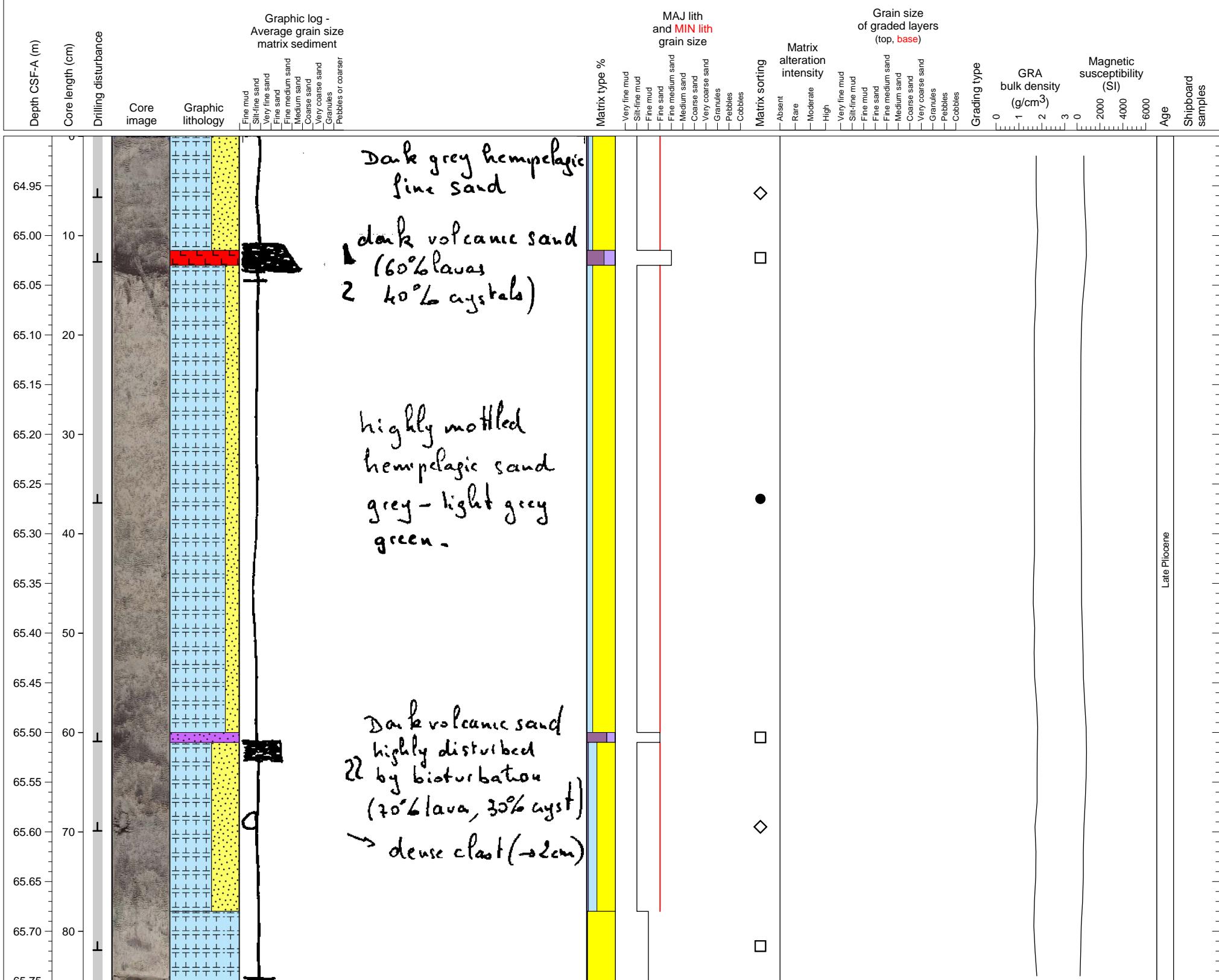


Hole 340-U1396C-7H Section 6, Top of Section: 63.4 CSF-A (m)

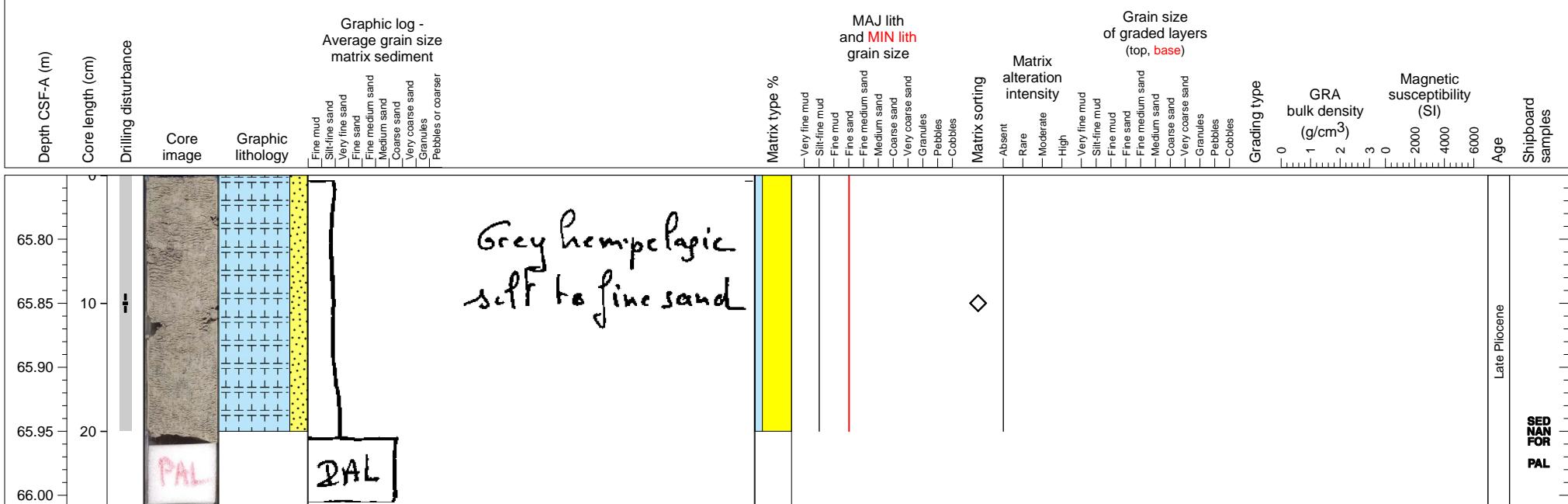
Hemipelagic fine sediment with a couple of ashfall layers (bioturbated).



This section has two possible ash layers in hemipelagic silt ooze.

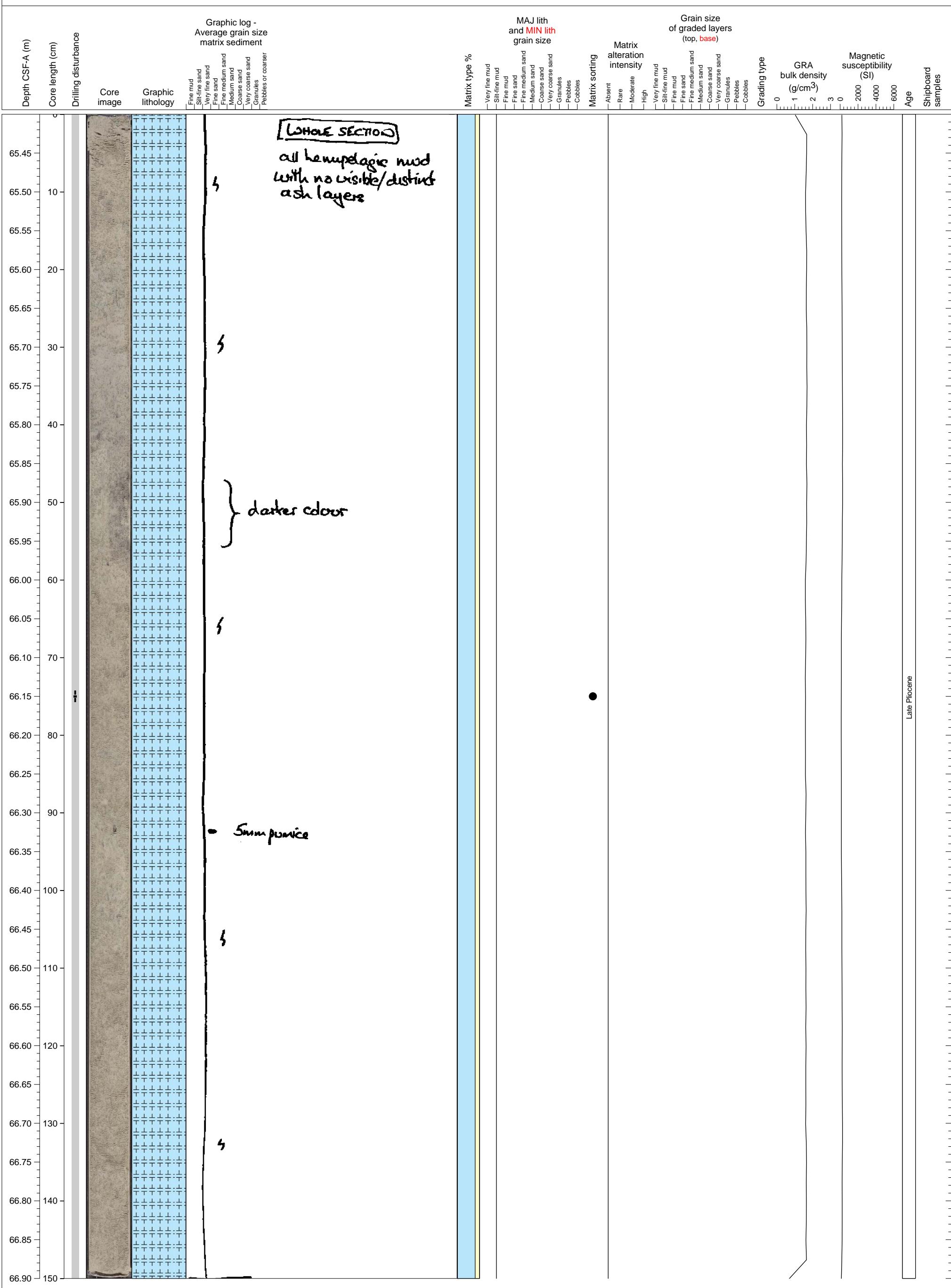


This section is hemipelagic clay mottled by bioturbation.



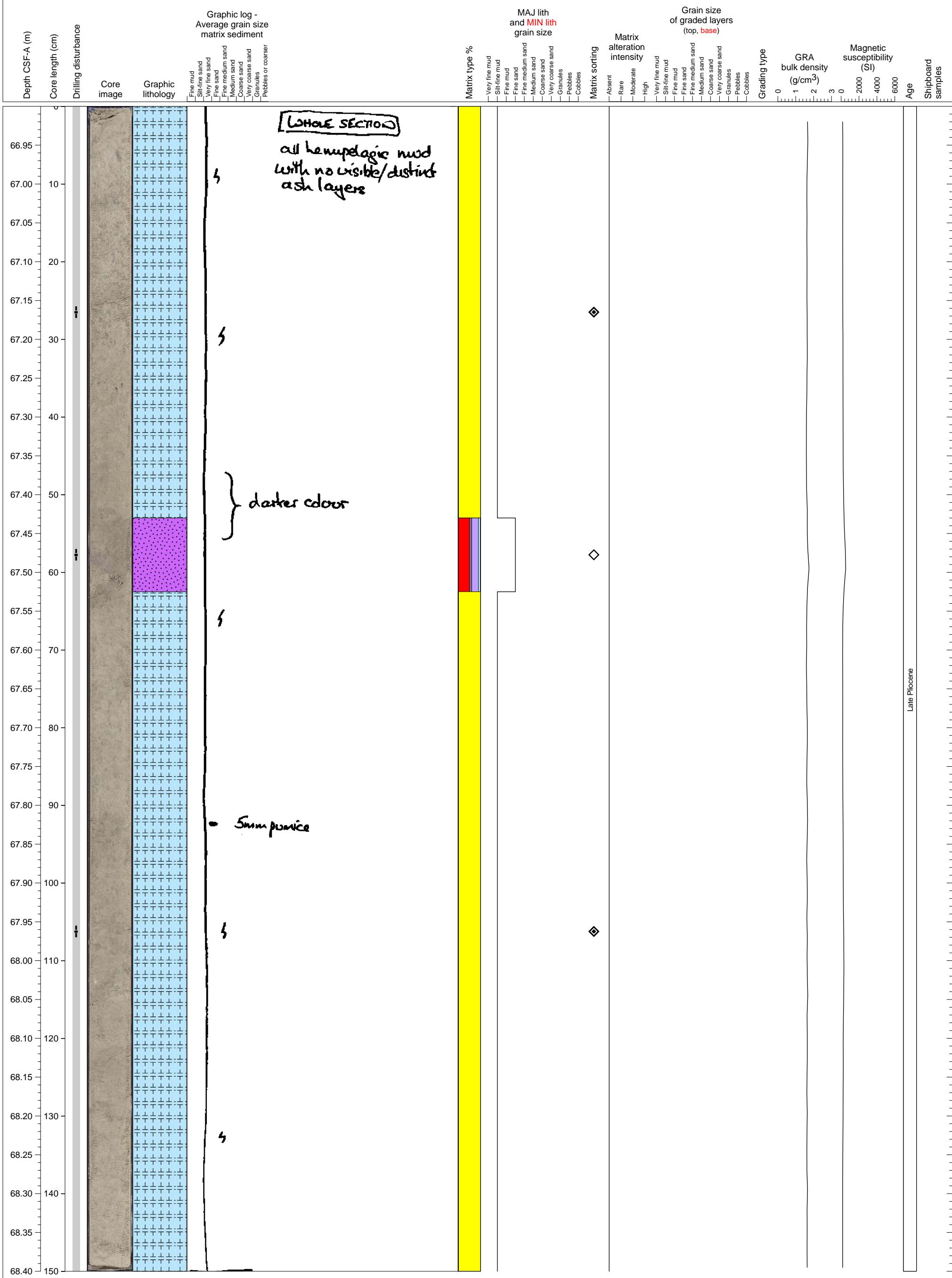
Hole 340-U1396C-8H Section 1, Top of Section: 65.4 CSF-A (m)

This section is all hemipelagic ooze consisting ill-sorted silt. Color changes from white at the bottom to light gray in the upper part.

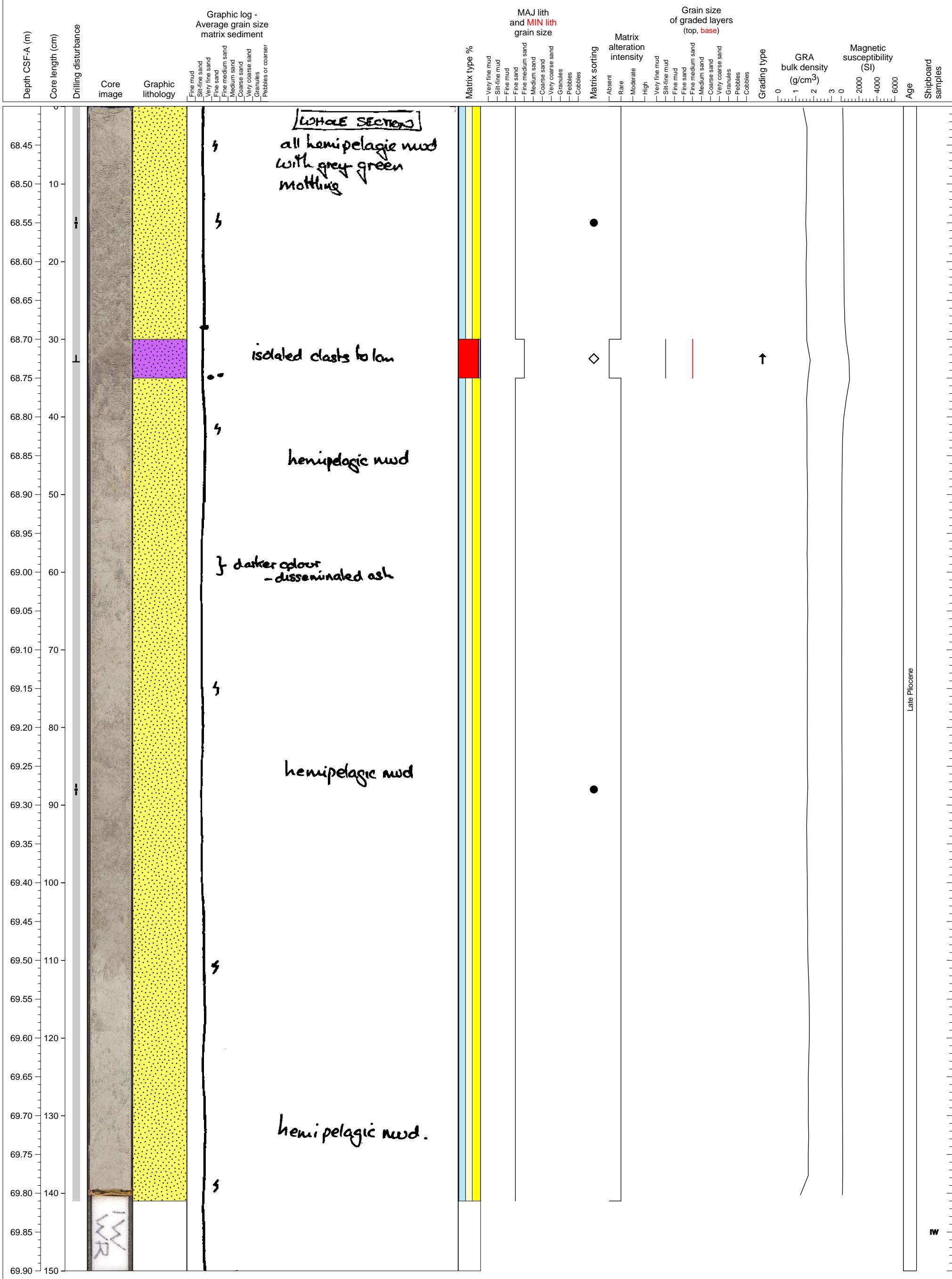


Hole 340-U1396C-8H Section 2, Top of Section: 66.9 CSF-A (m)

Hemipelagic clay with diffuse layer of volcanioclastic fine sand.

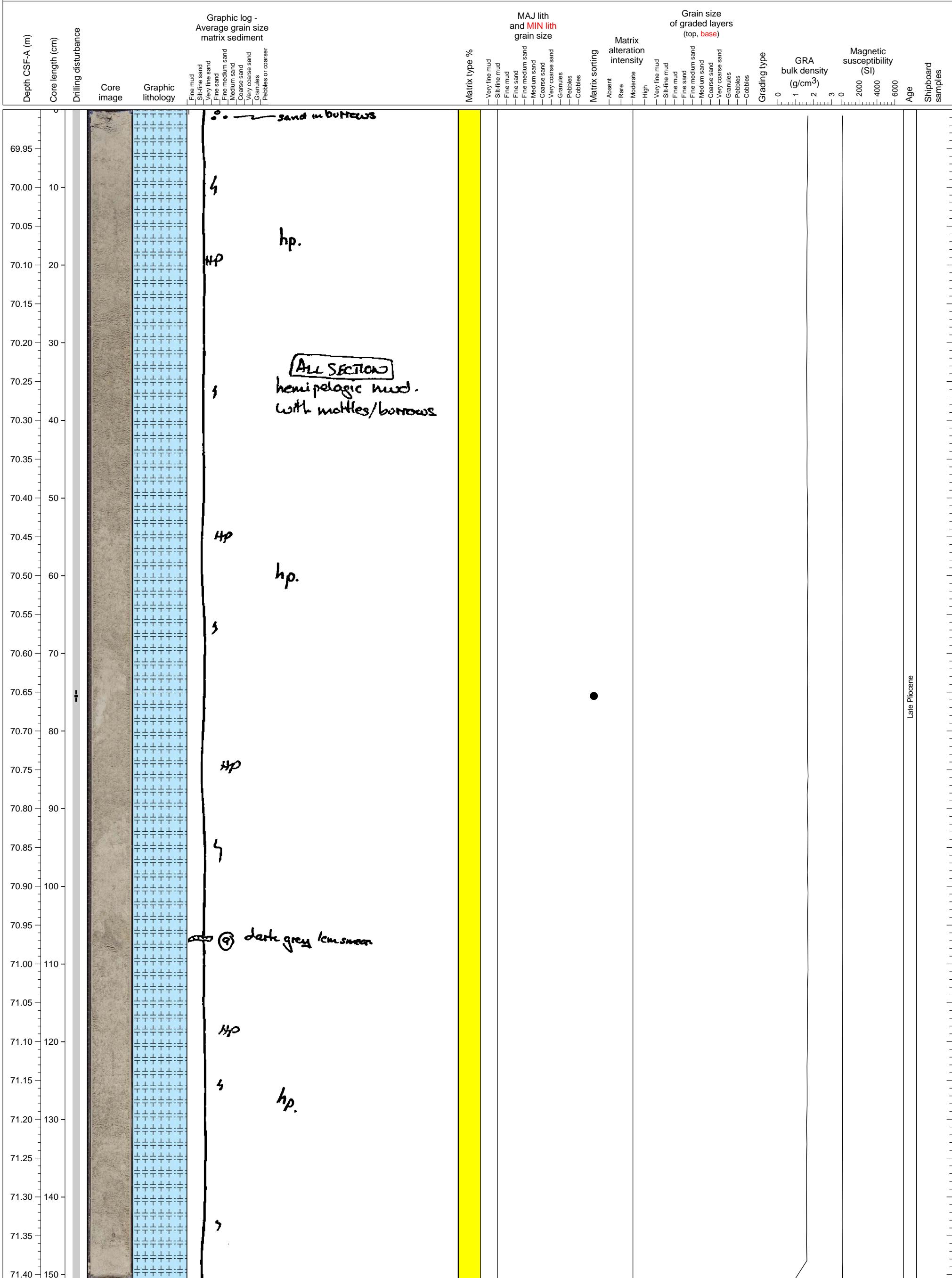


Hemipelagic calcareous silty sand with a diffuse ash layer.

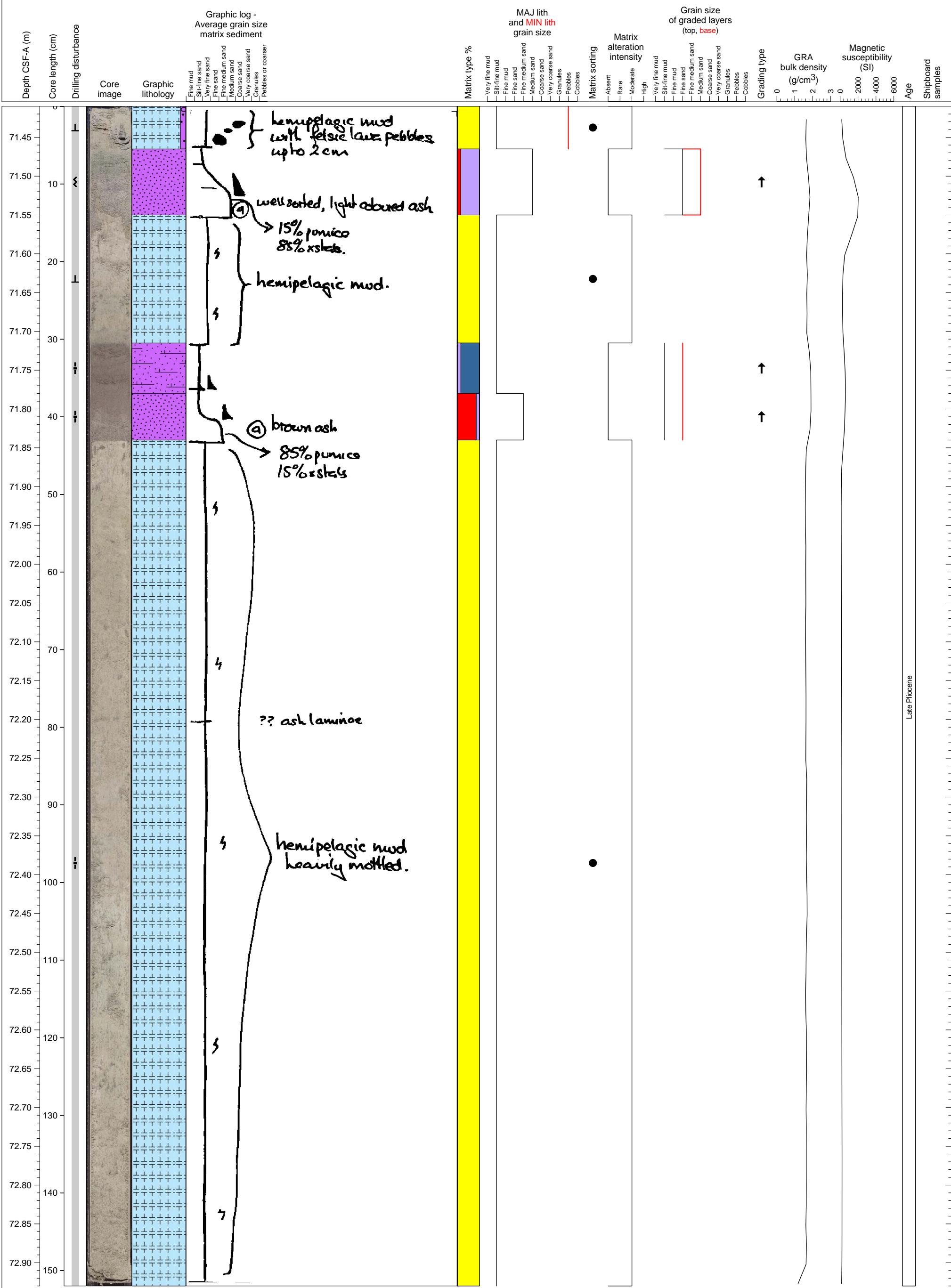


Hole 340-U1396C-8H Section 4, Top of Section: 69.9 CSF-A (m)

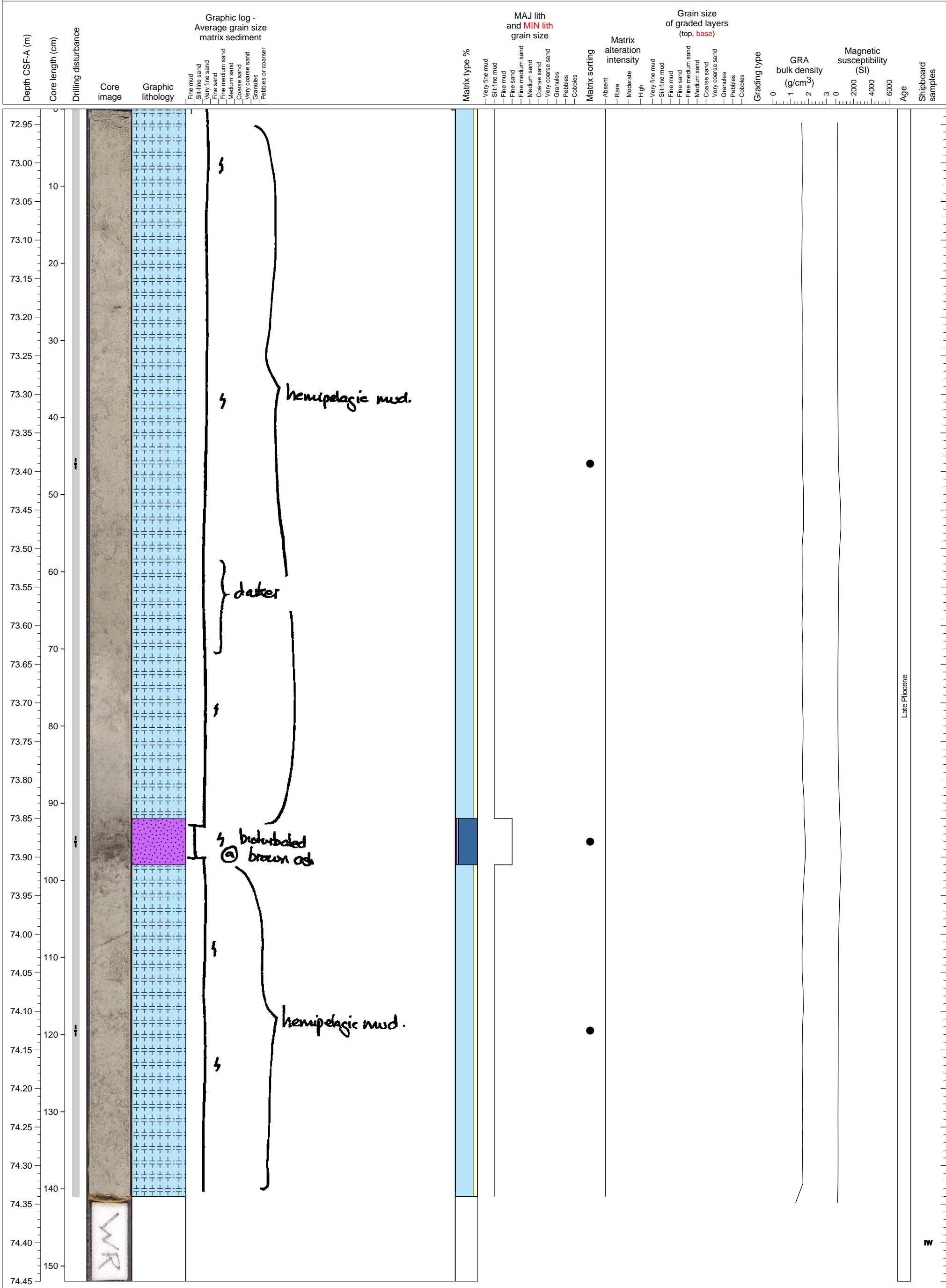
The whole section is only hemipelagic sediment.



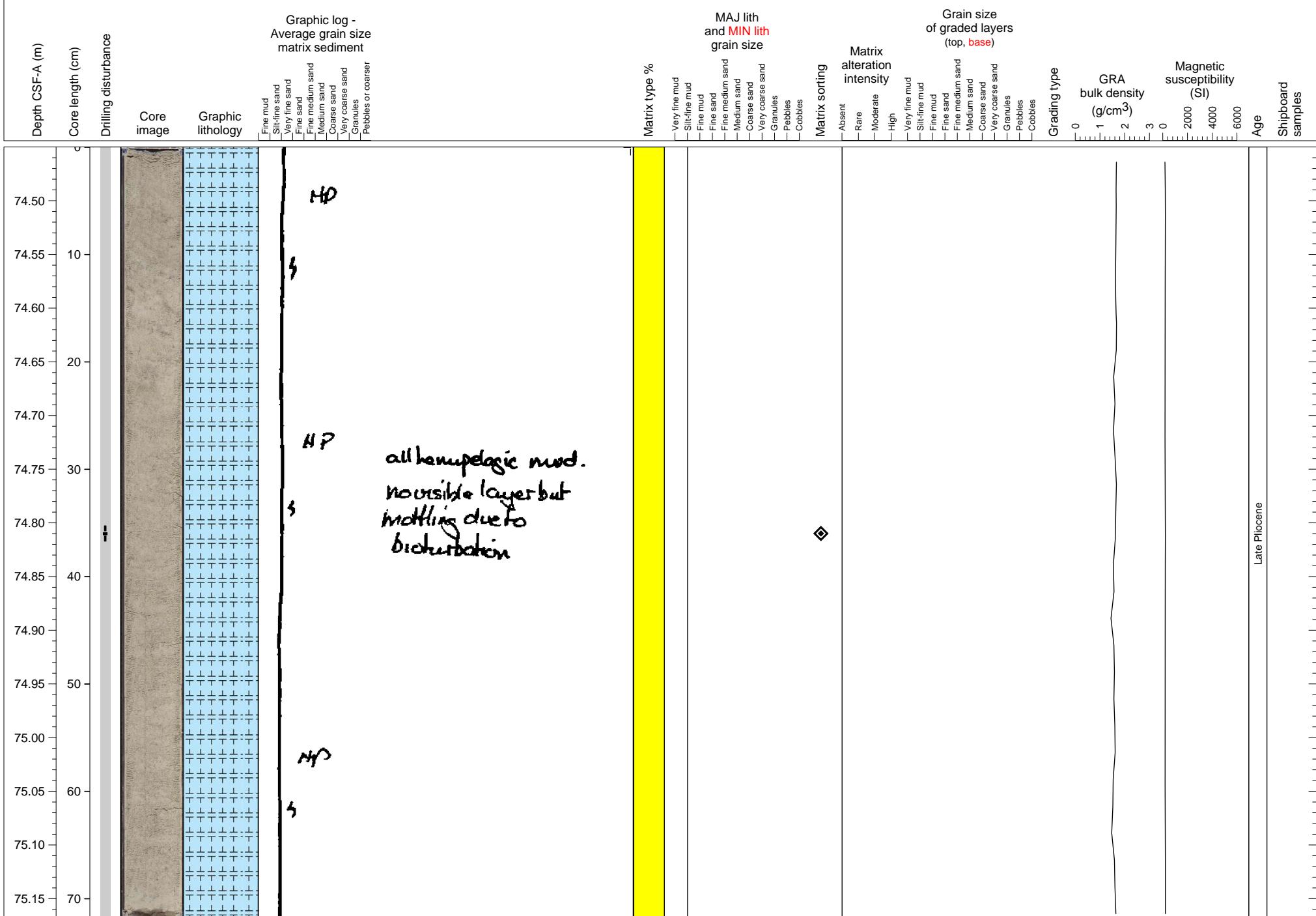
At least two pumiceous and crystal-rich tephra layers in hemipelagic sediments. The lower one has double normal grading.



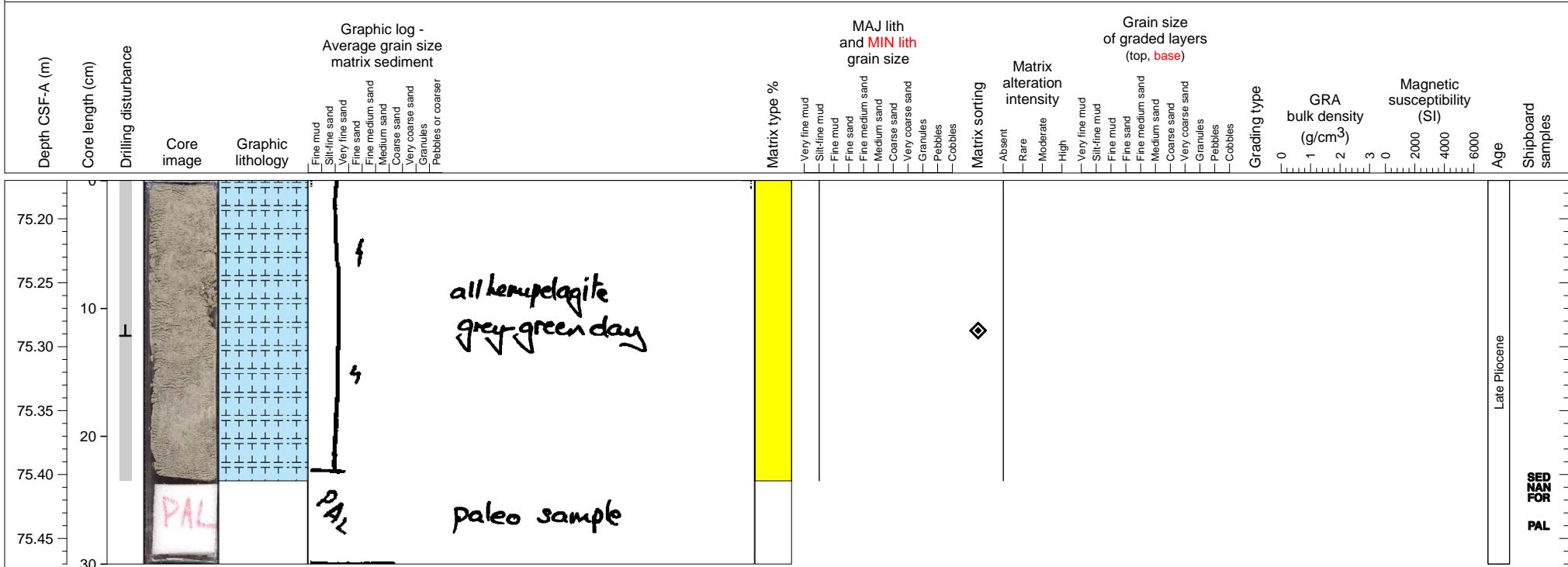
This section contains possible one ash layer, which have been highly bioturbated, but contain original pumice and crystals.



Hemipelagic clay with moderate bioturbation.

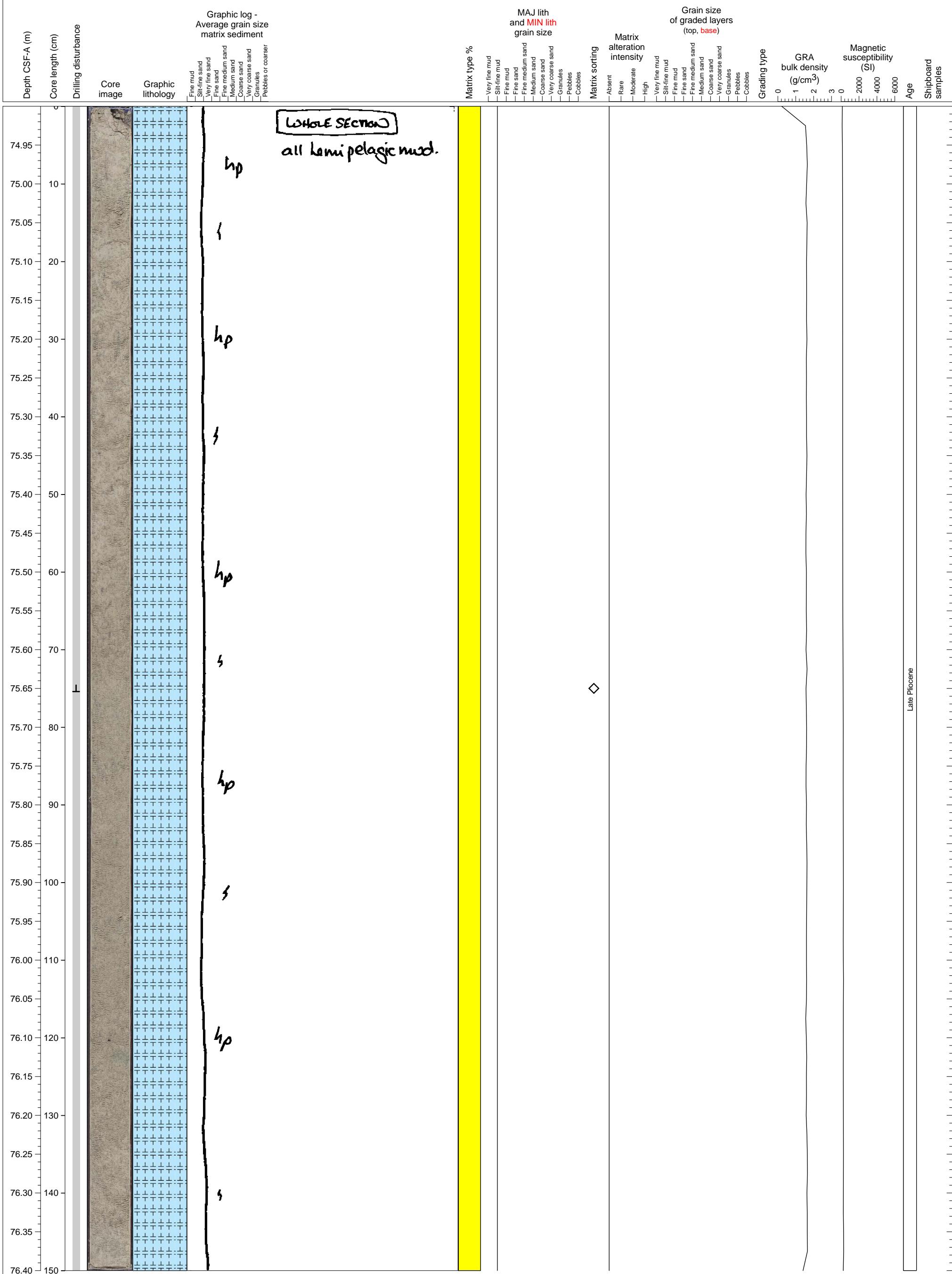


Hemipelagic clay. PAL sample from base of section.

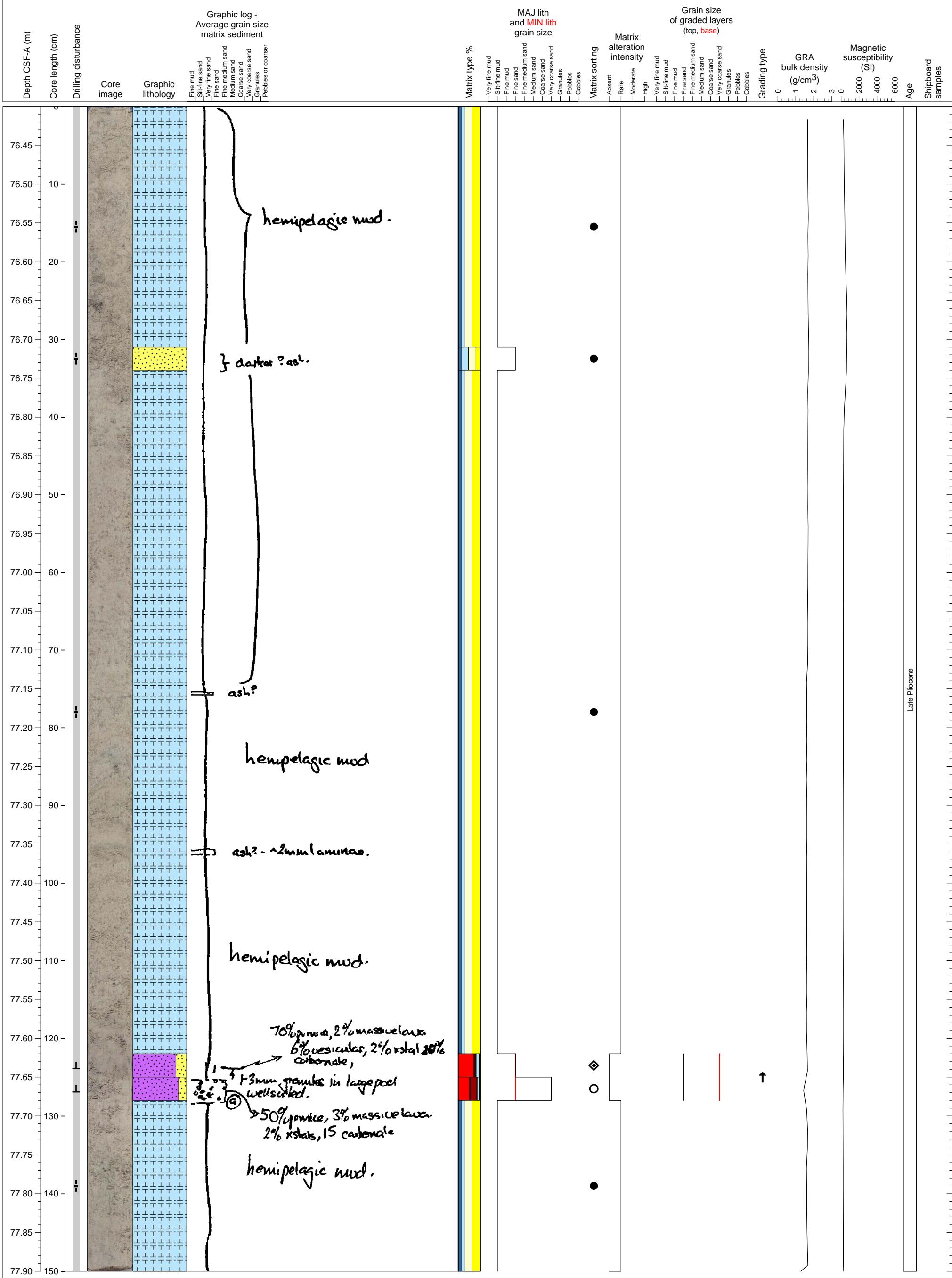


Hole 340-U1396C-9H Section 1, Top of Section: 74.9 CSF-A (m)

Hemipelagic clay with moderate bioturbation.

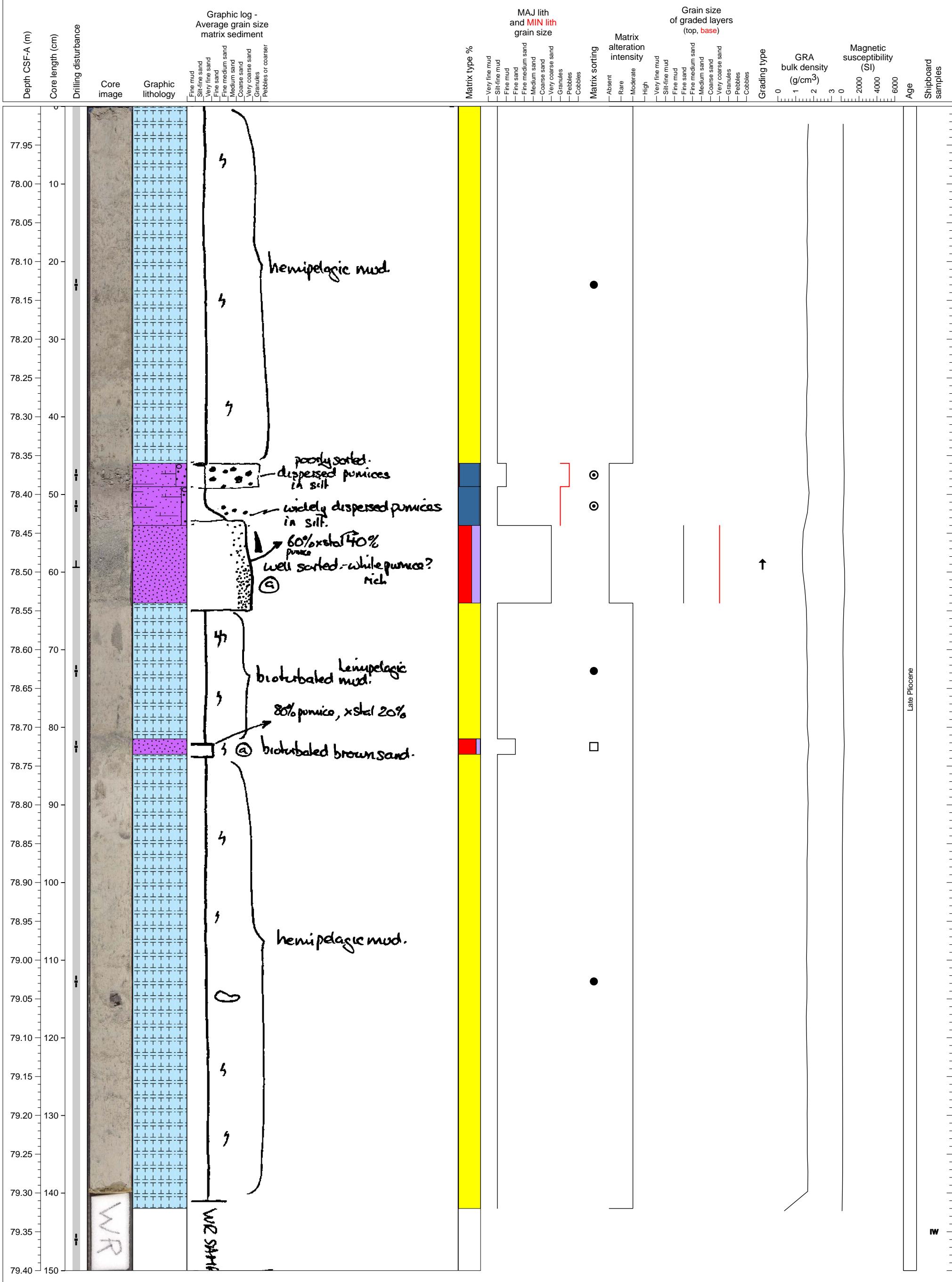


Thick hemipelagic mud layer interbed a pumicous sand layer at lower part of section.



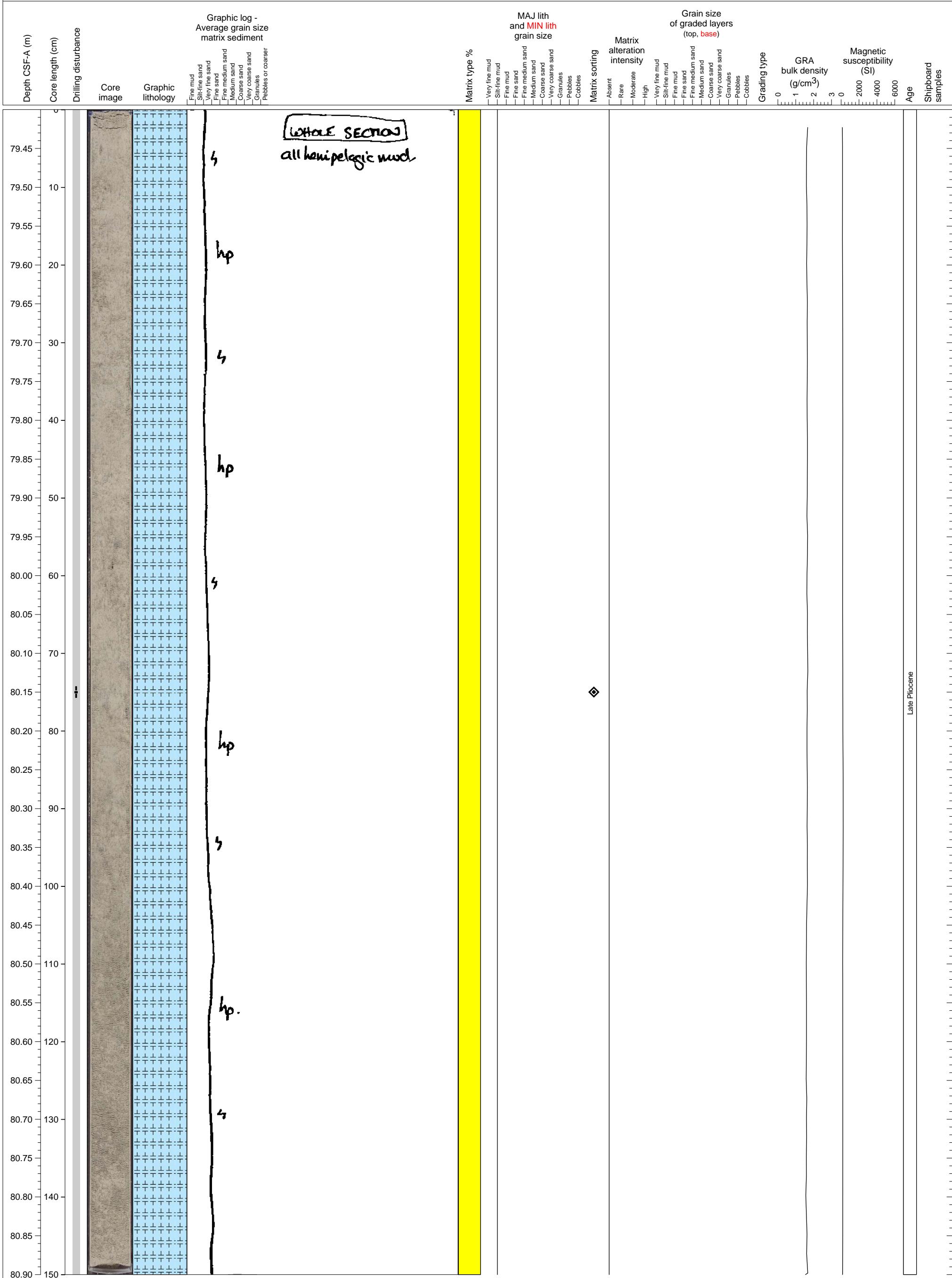
Hole 340-U1396C-9H Section 3, Top of Section: 77.9 CSF-A (m)

Pumice fallout covered by silty-mud containing granule to pebble sized pumice clasts and tephra layer.

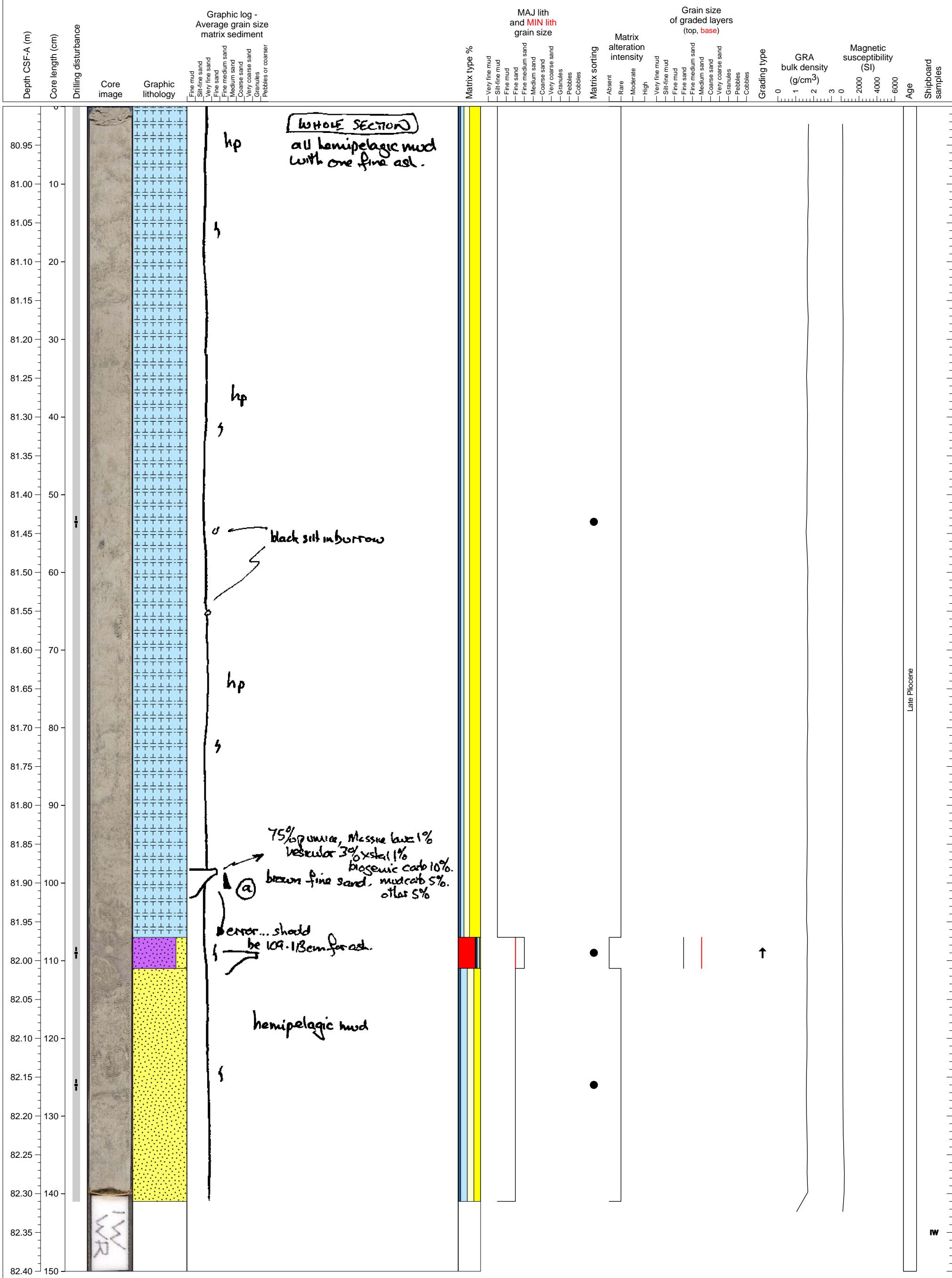


Hole 340-U1396C-9H Section 4, Top of Section: 79.4 CSF-A (m)

Hemipelagic clay with moderate bioturbation.

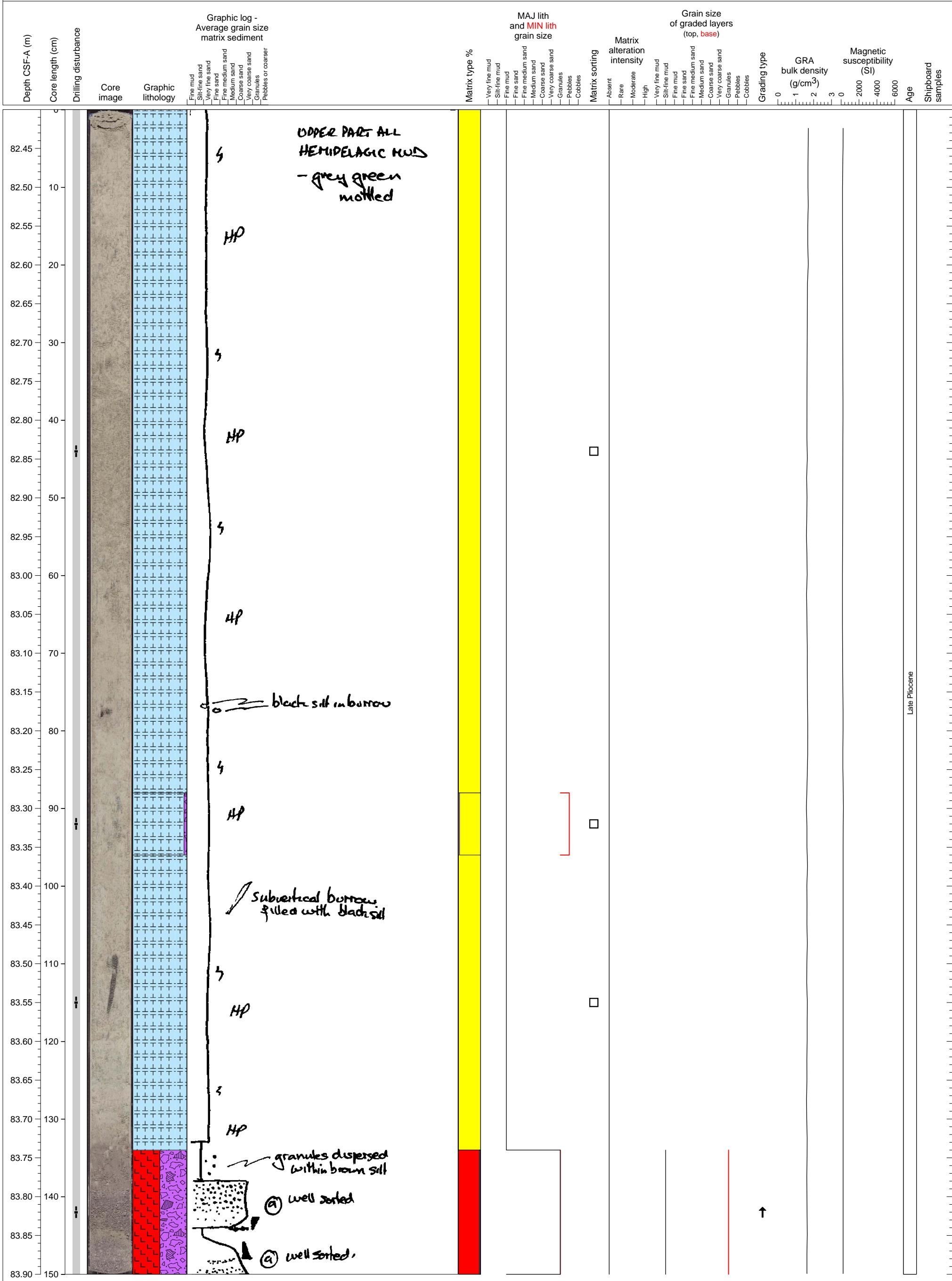


Hemipelagic sediments.

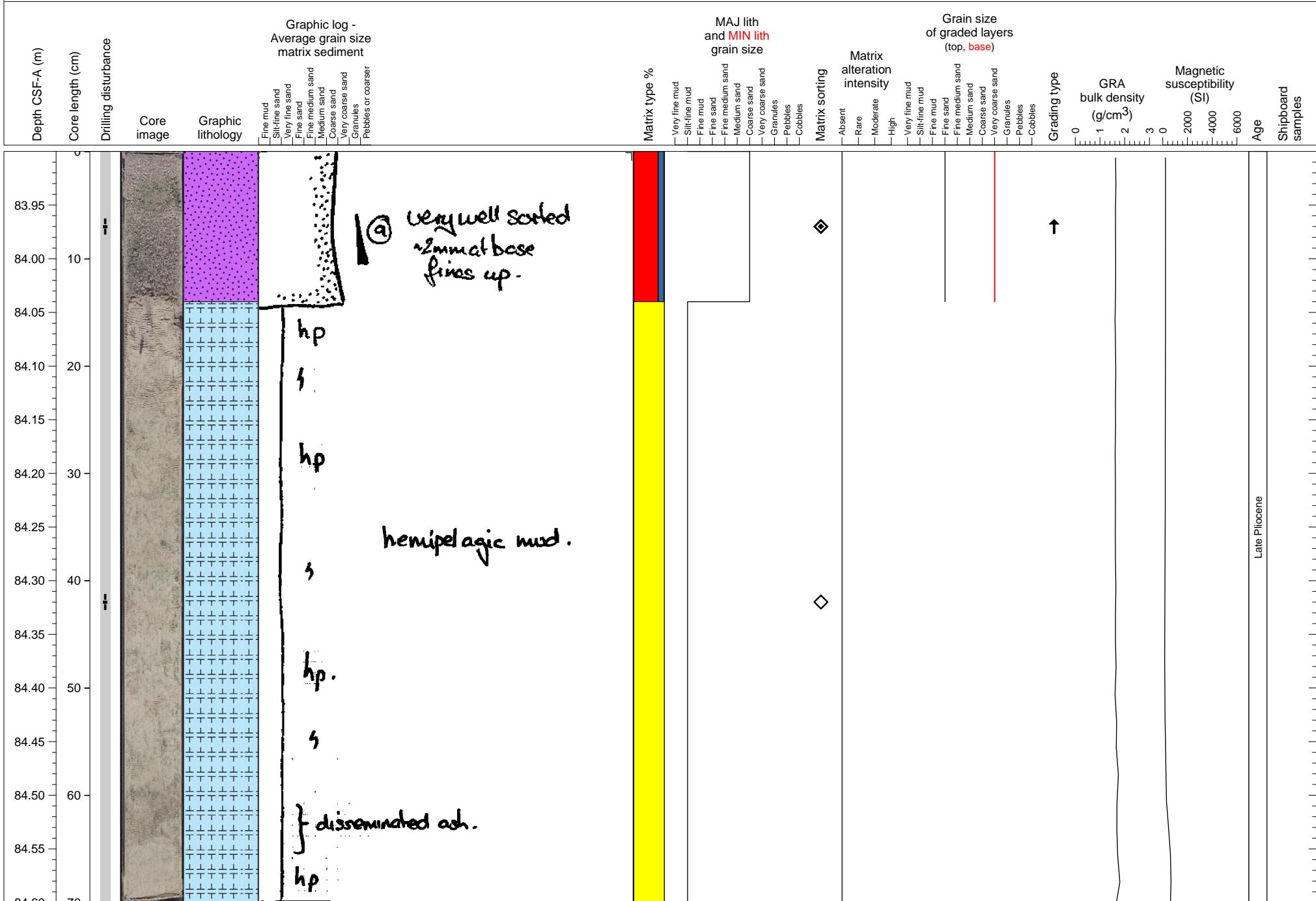


Hole 340-U1396C-9H Section 6, Top of Section: 82.4 CSF-A (m)

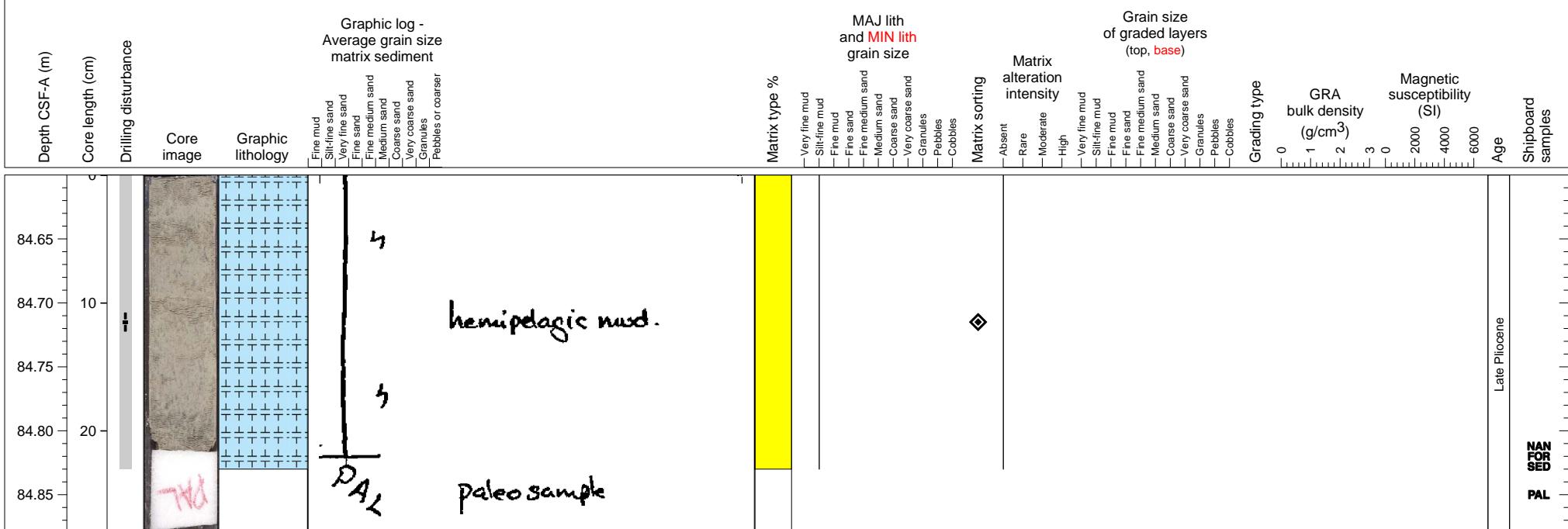
Calcareous ooze section underlain by pumice fall deposit.



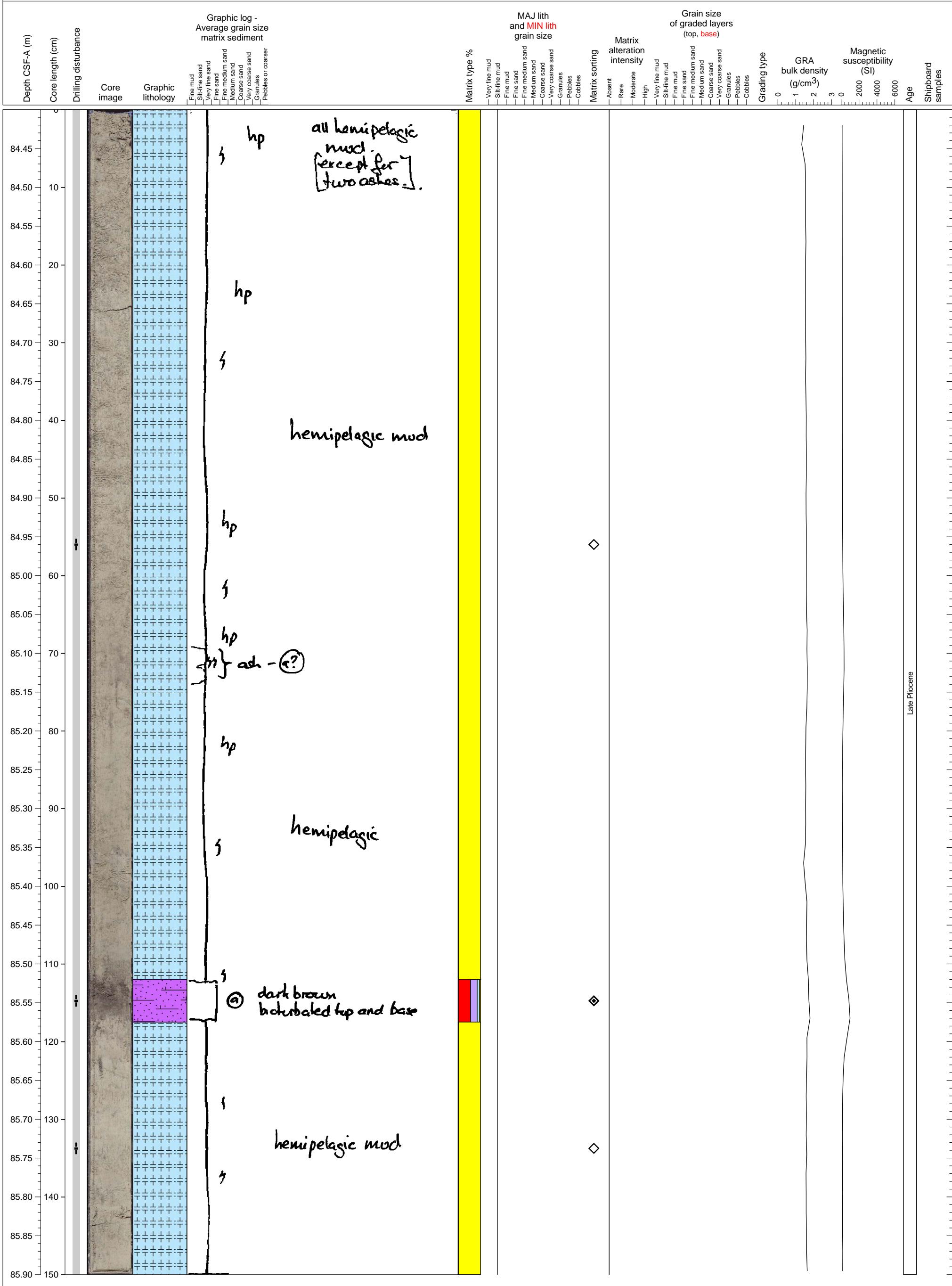
Coarse volcanioclastic sand deposit (fallout layer) overlying hemipelagic mud.



Hemipelagic clay with moderate bioturbation.

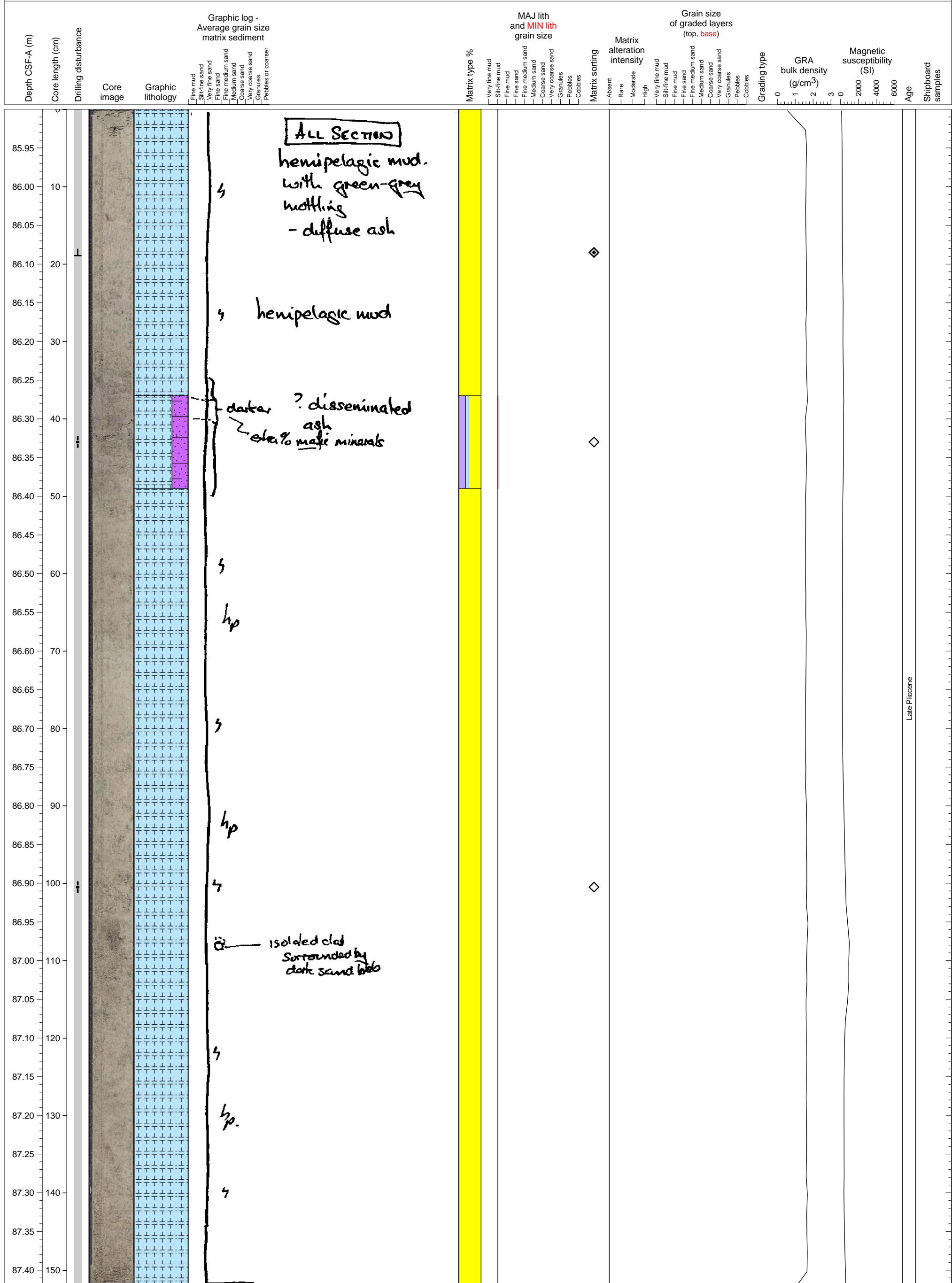


Hemipelagic clay interlayered with a thin volcaniclastic bed or potential ash layer.

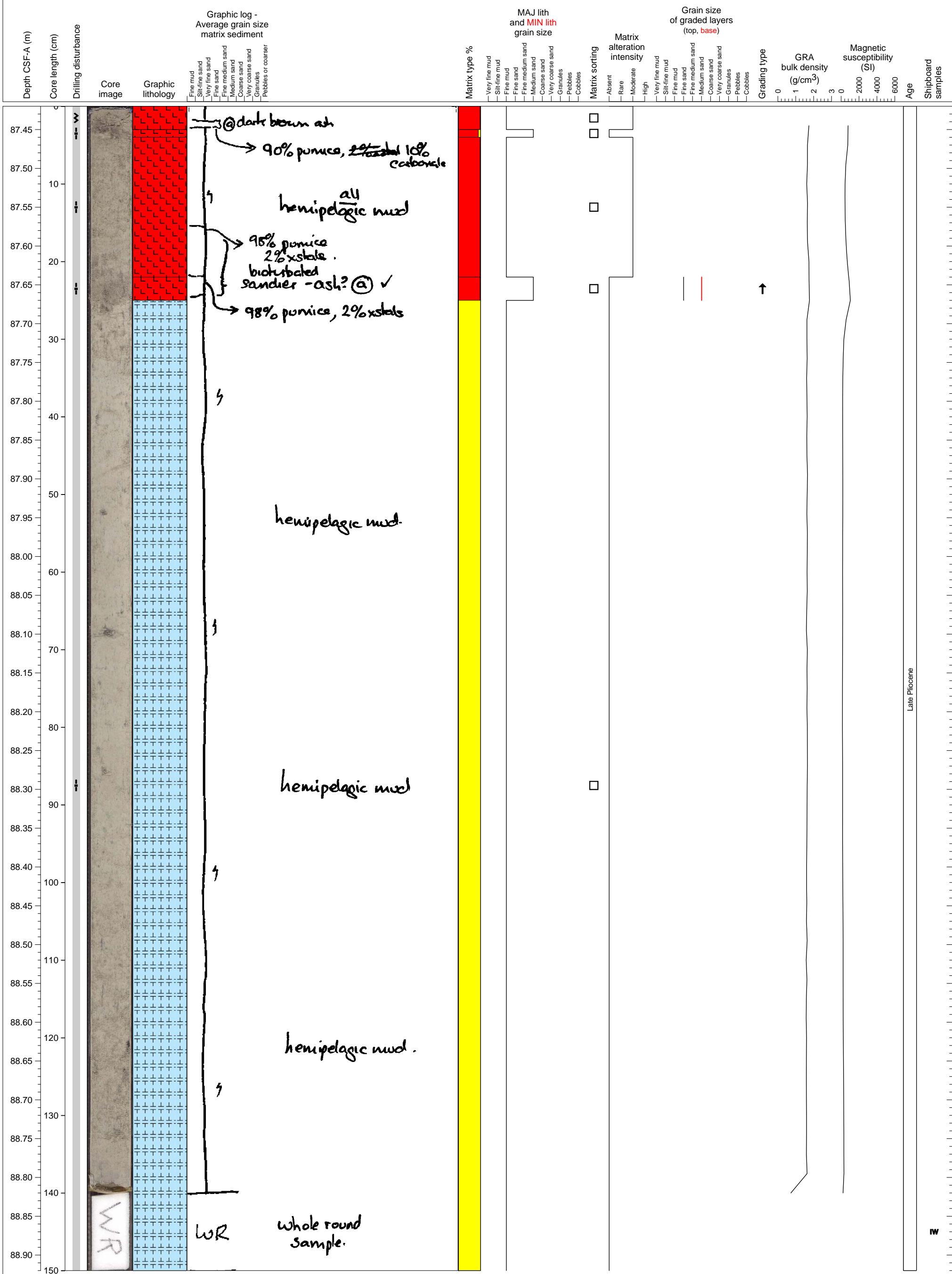


Hole 340-U1396C-10H Section 2, Top of Section: 85.9 CSF-A (m)

Hemipelagic clay interlayered with a hemipelagic clay with an increased concentration of mafic minerals resulting in a darker color.

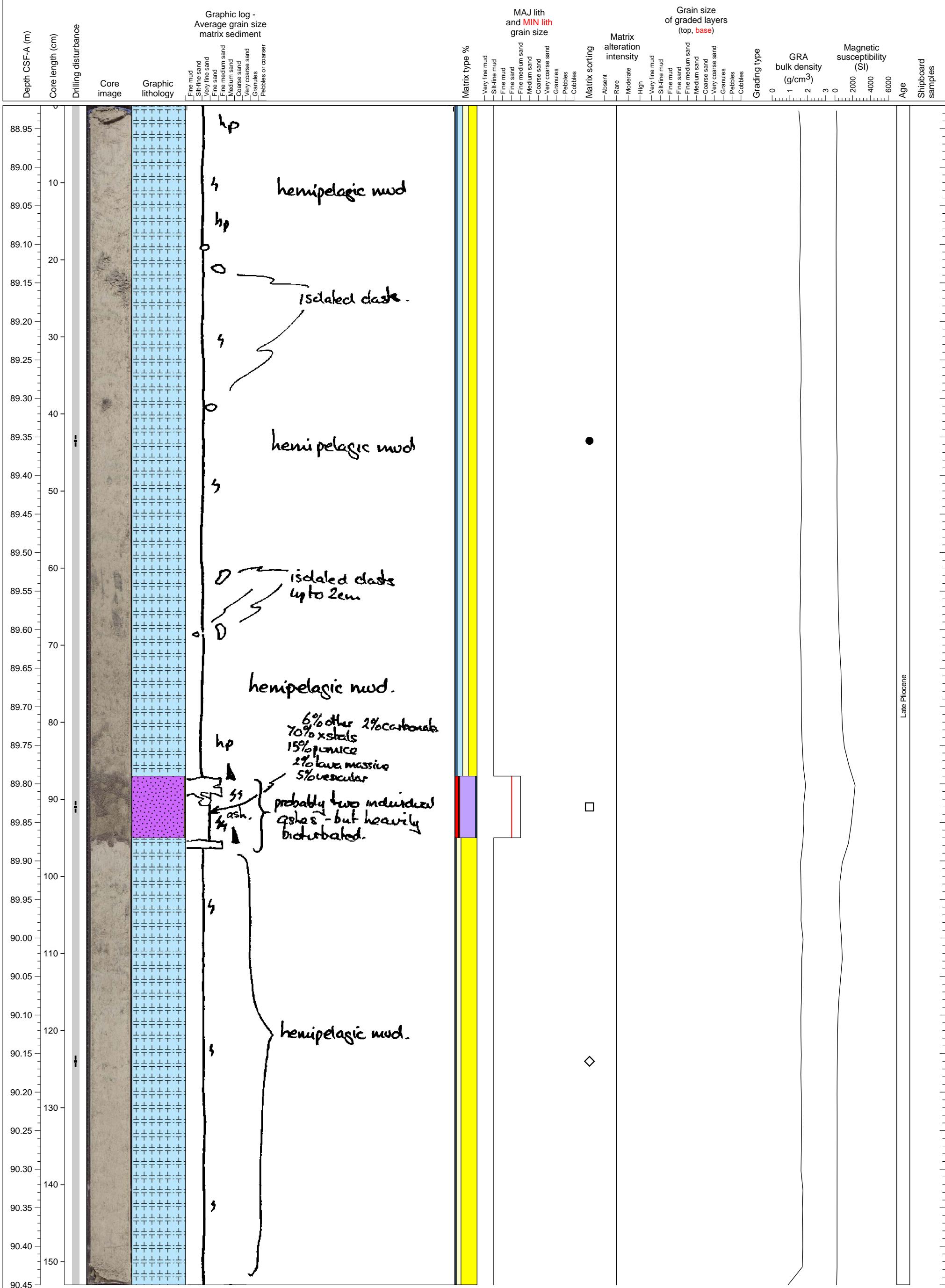


Hemipelagic mud, two ashes.

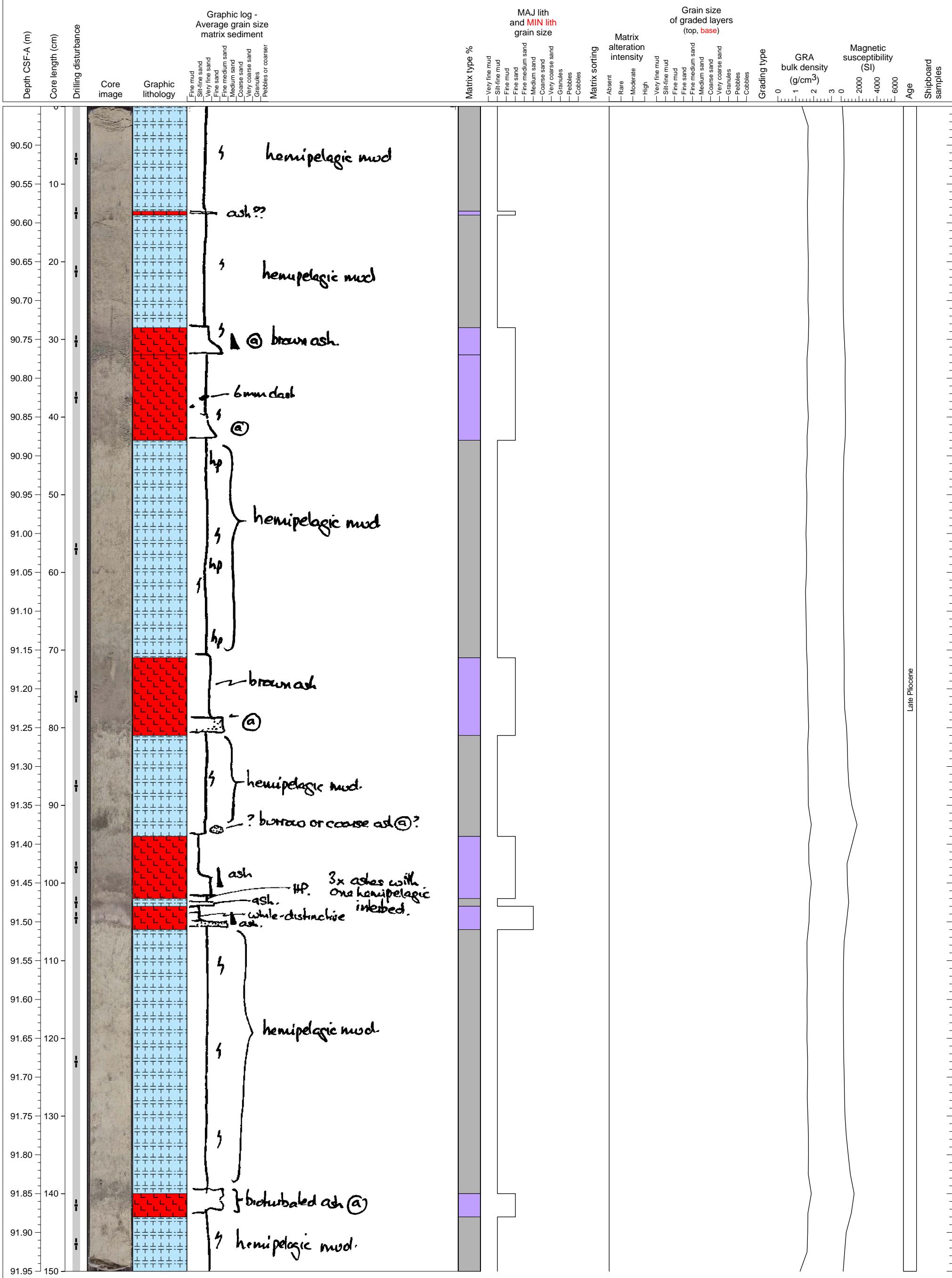


Hole 340-U1396C-10H Section 4, Top of Section: 88.92 CSF-A (m)

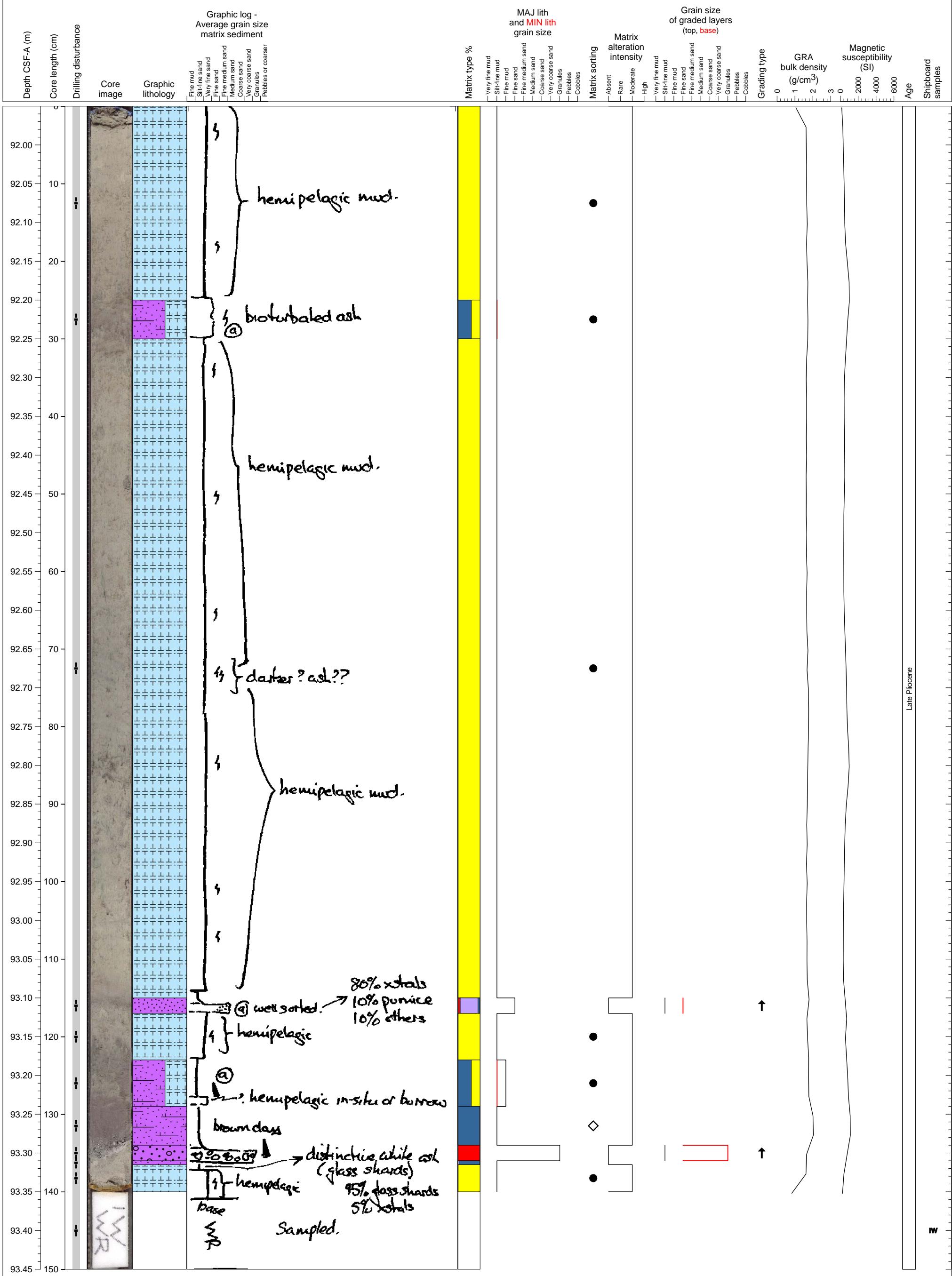
Thick hemipelagic clay contains a well sorted (commonly bioturbated) volcanioclastic sand layer at middle part.



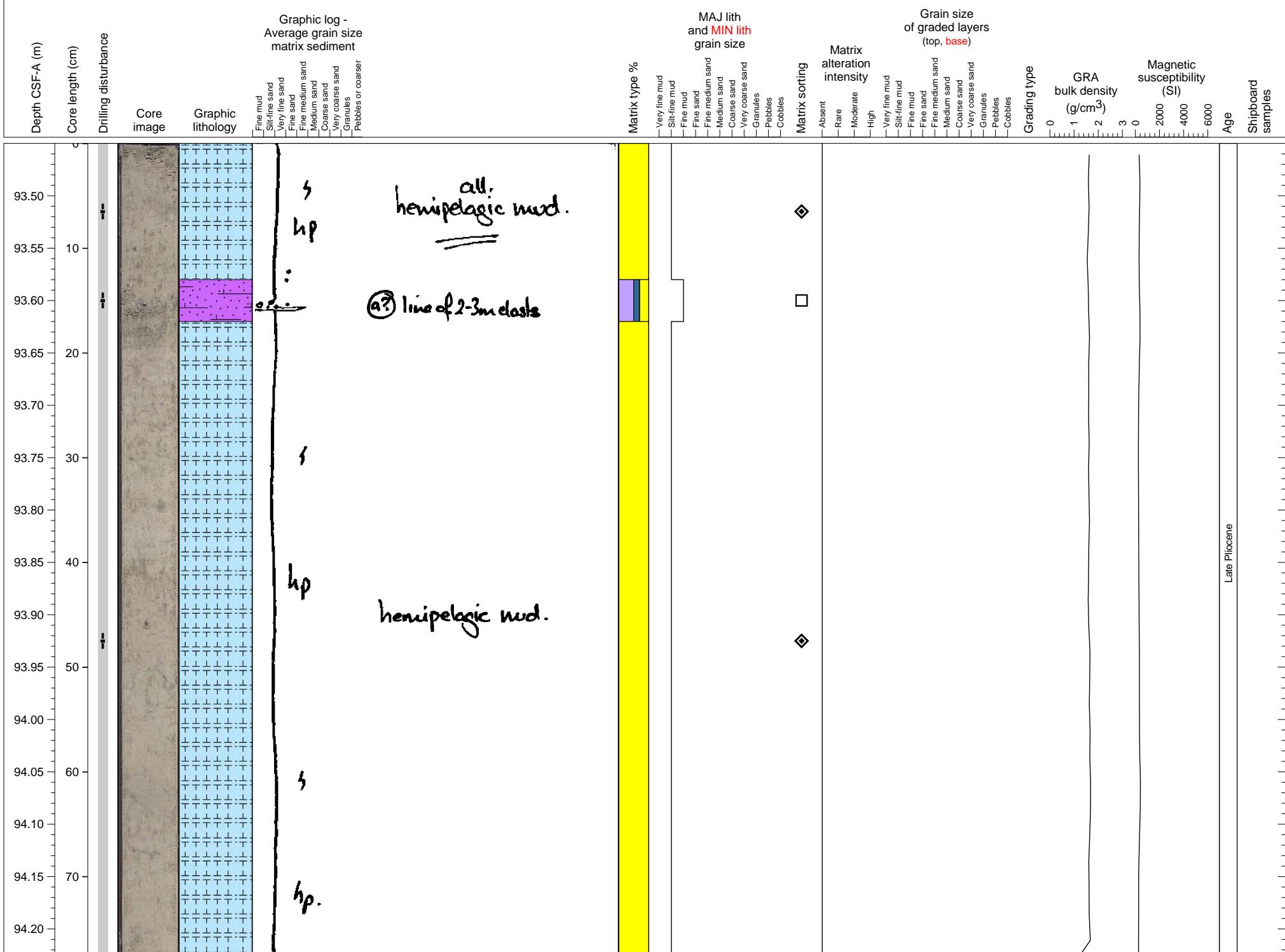
Hemipelagic mud with many ash interbeds



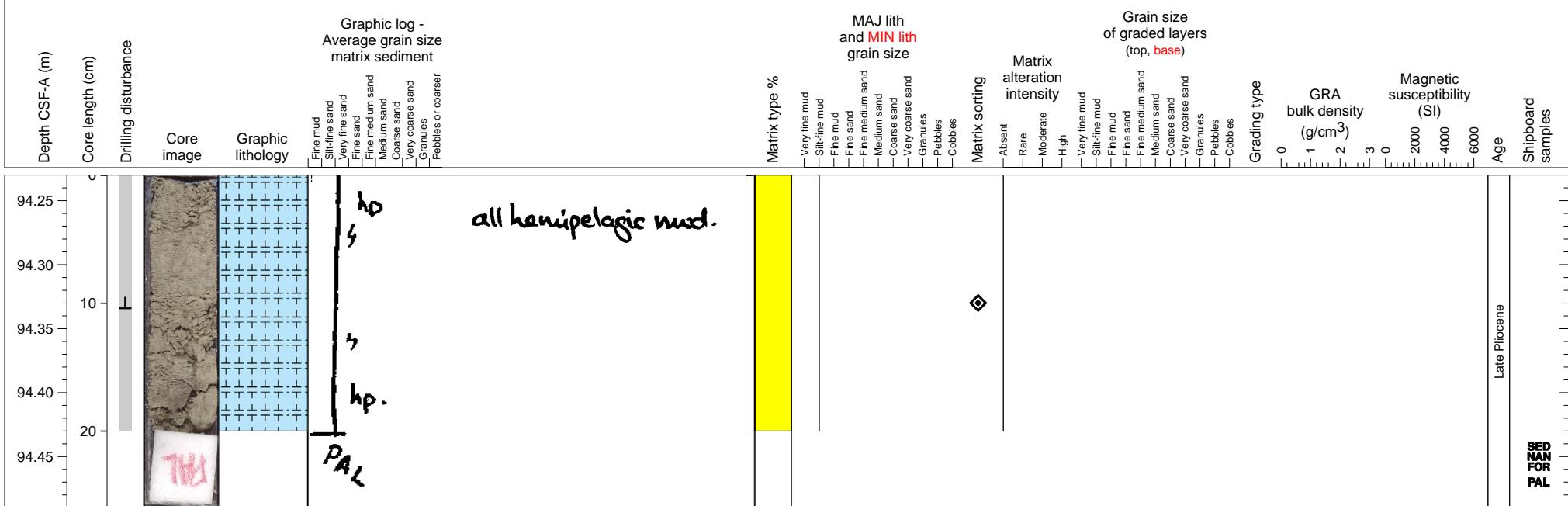
At least two tephra layers intercalated by hemipelagic sediments. The lowermost tephra is composed of glass shards indicating a large-scale explosive eruption, which is covered by granule to pebble sized pumice clasts.



Hemipelagic clay with interlayered volcanioclastic mud.

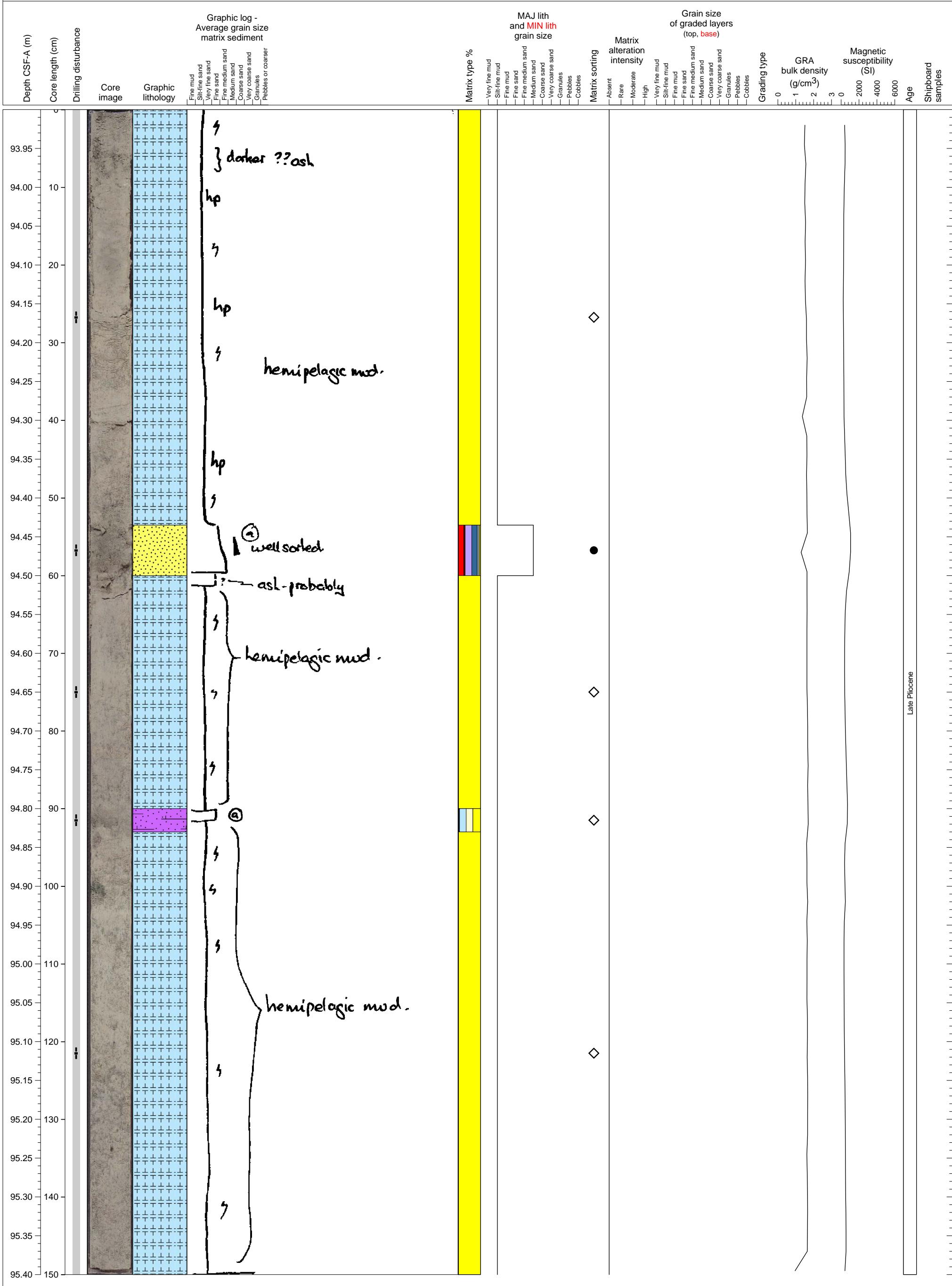


Hemipelagic clay. PAL sample from base.

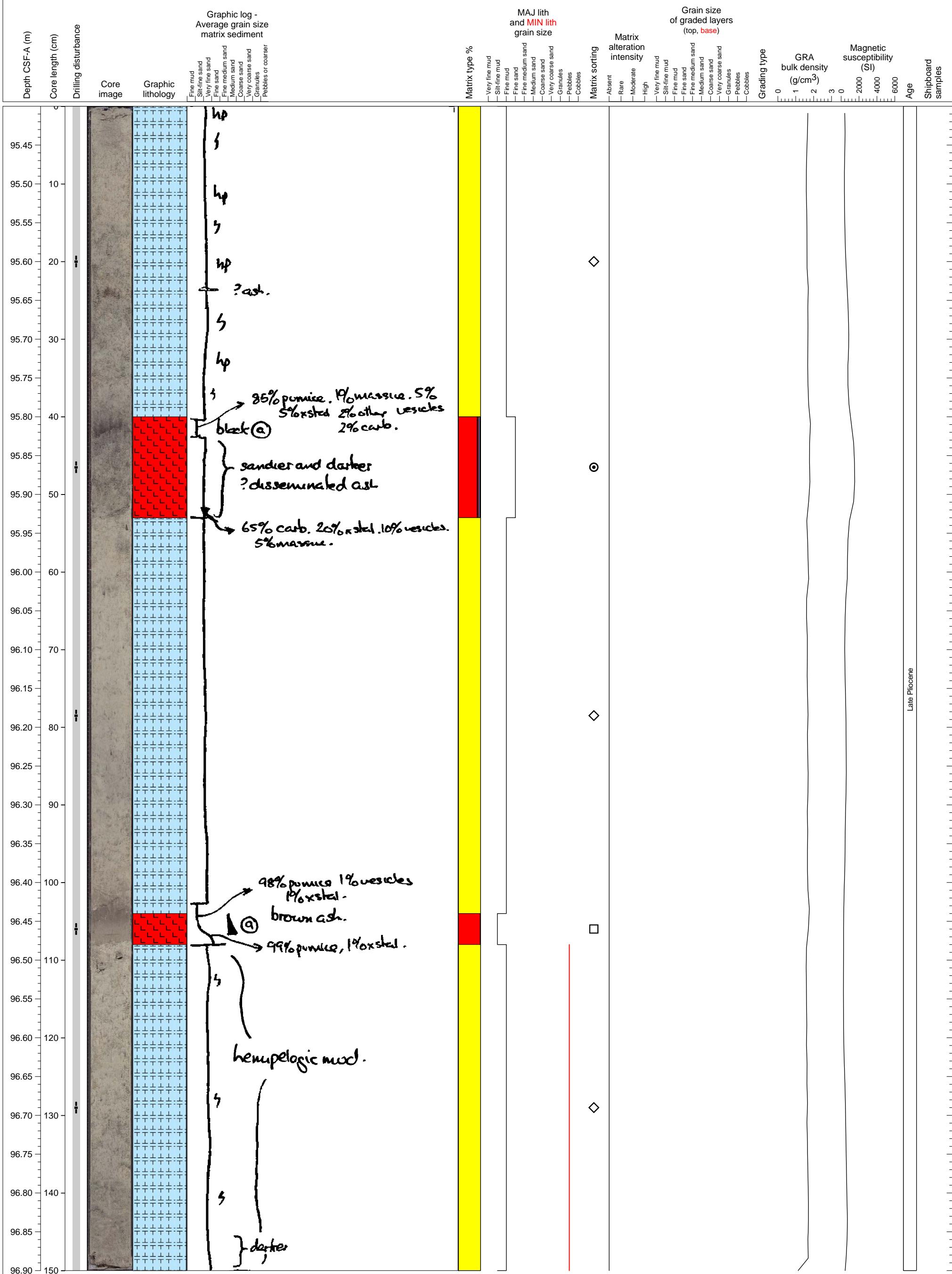


Hole 340-U1396C-11H Section 1, Top of Section: 93.9 CSF-A (m)

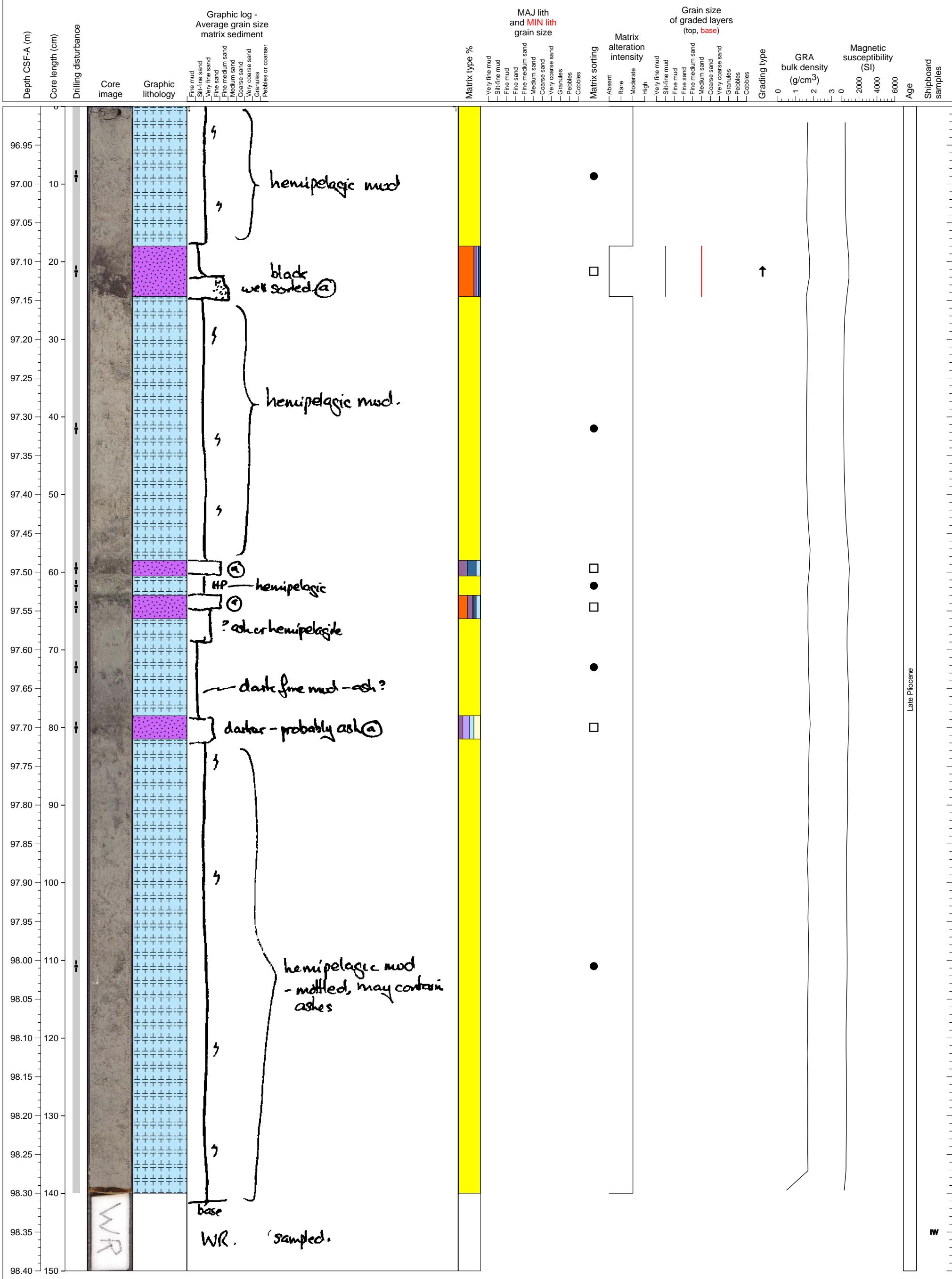
Hemipelagic clay interlayered with calcareous sand and volcaniclastic mud (ash).



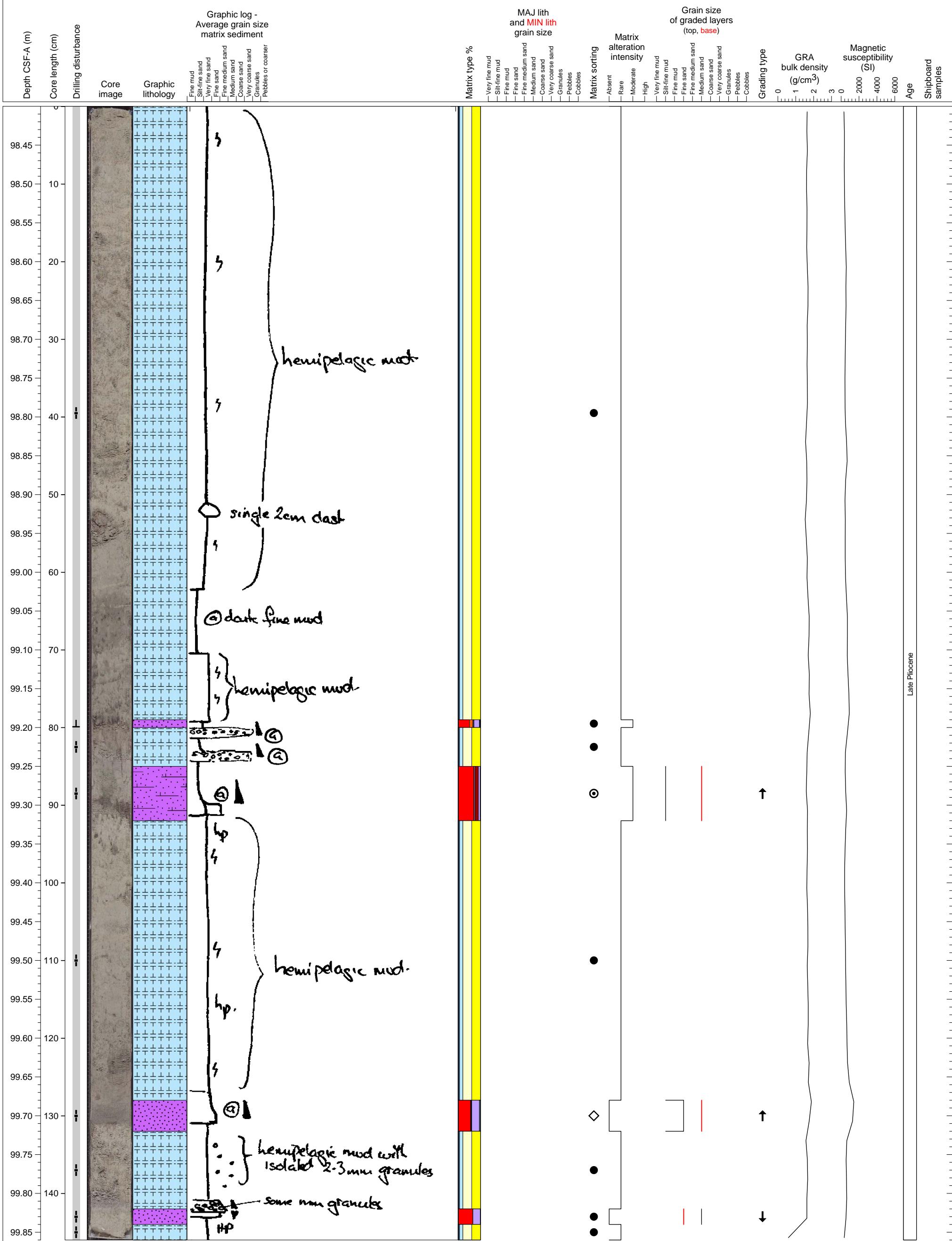
Calcareous ooze having 2 volcanic ash layers. Upper layer is highly disturbed by bioturbation.



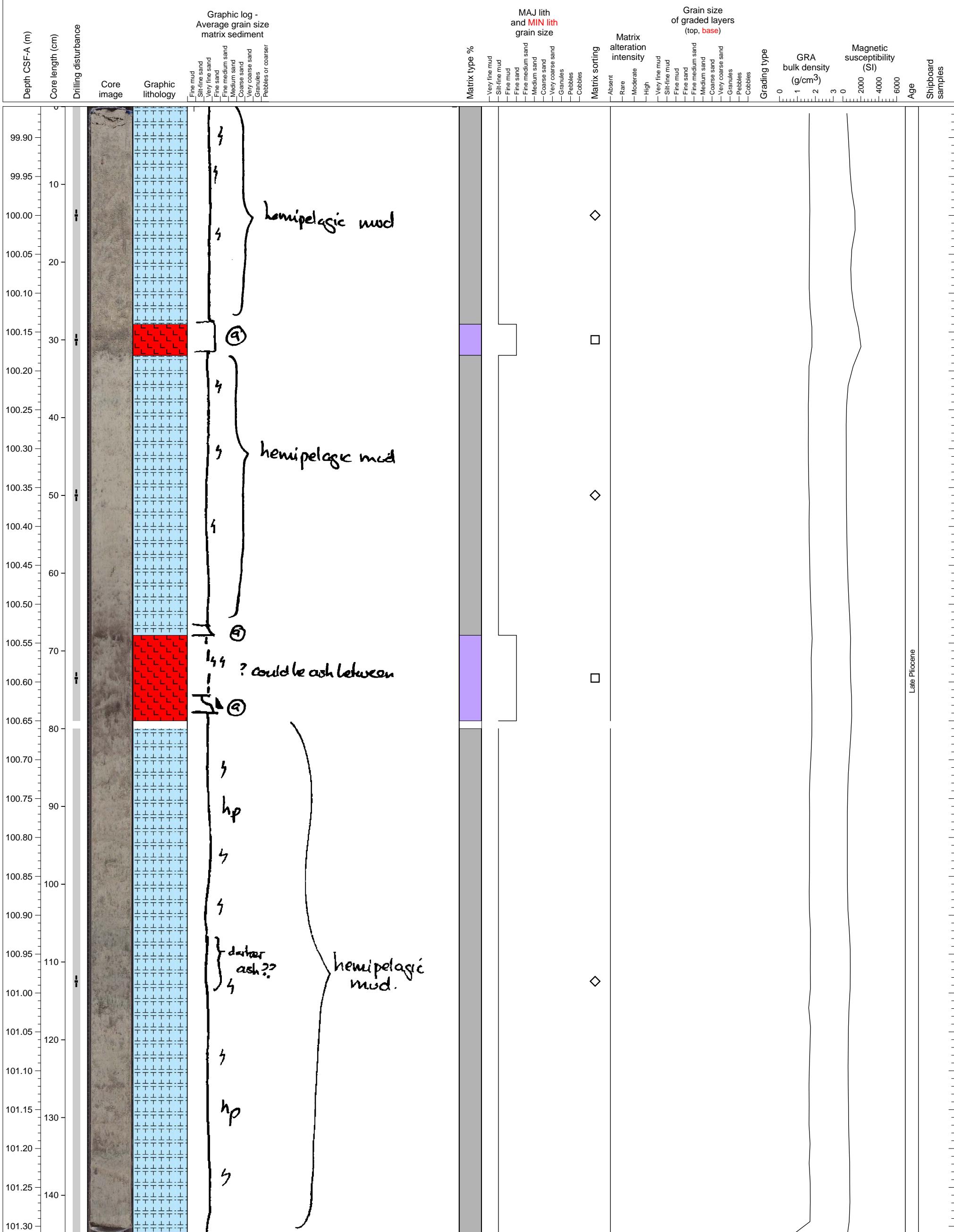
At least four basaltic tephra layers intercalating hemipelagic sediments.



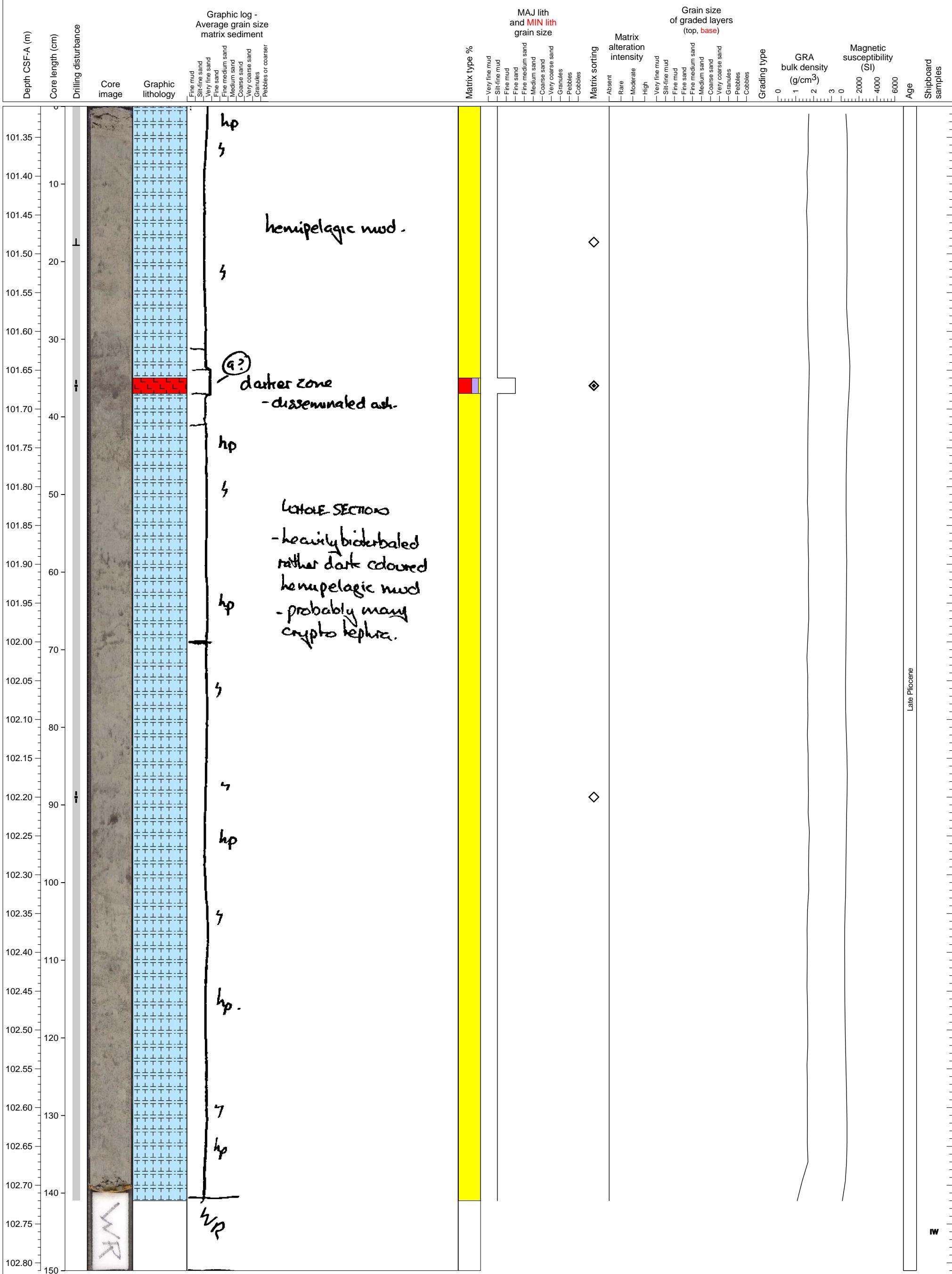
Hemipelagic mud beds interbedding two normally grading volcaniclastic sand layers, no grading homogeneous ash layer and reversely grading ash layer.



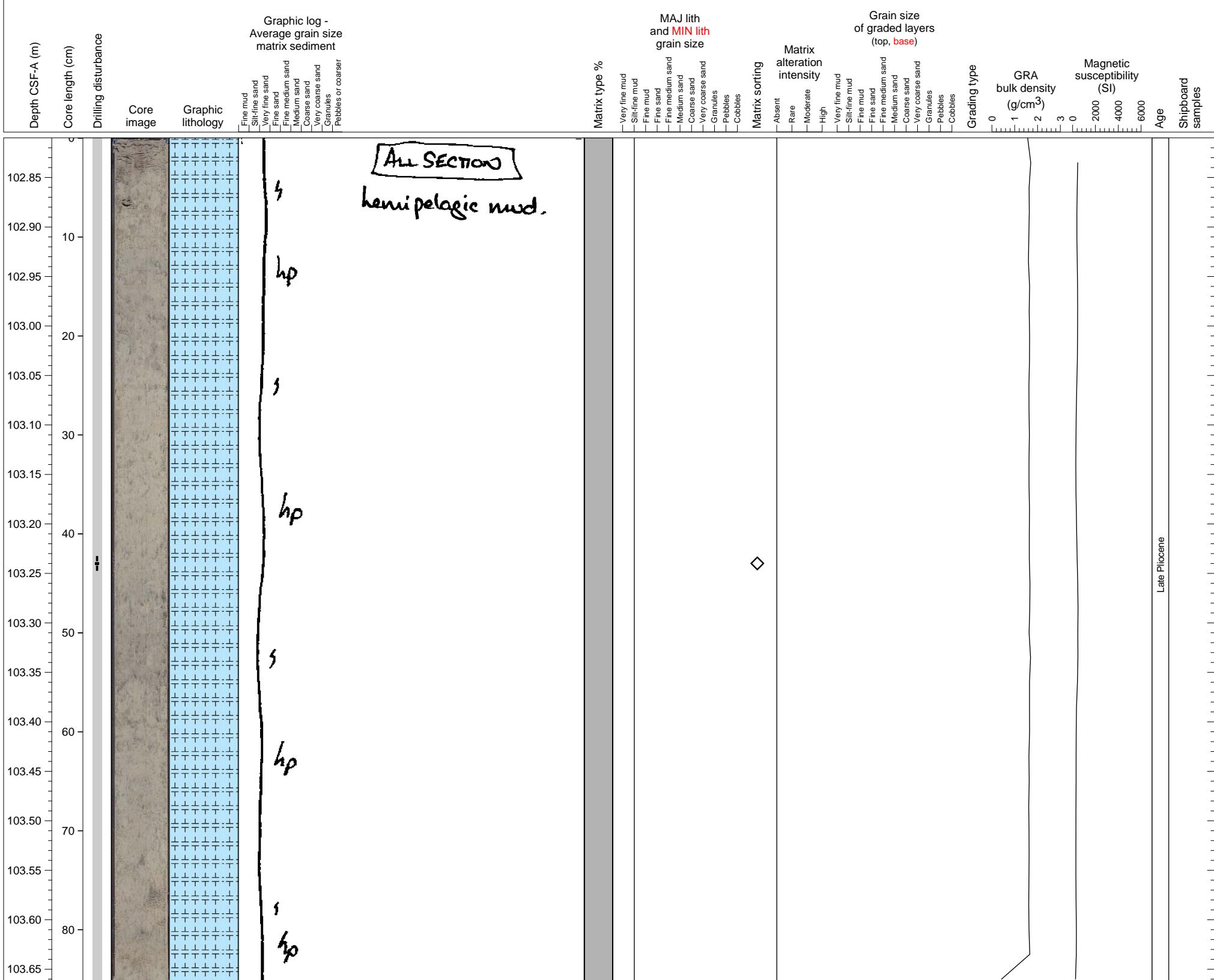
Hemipelagic mud with three thin tephra layers.



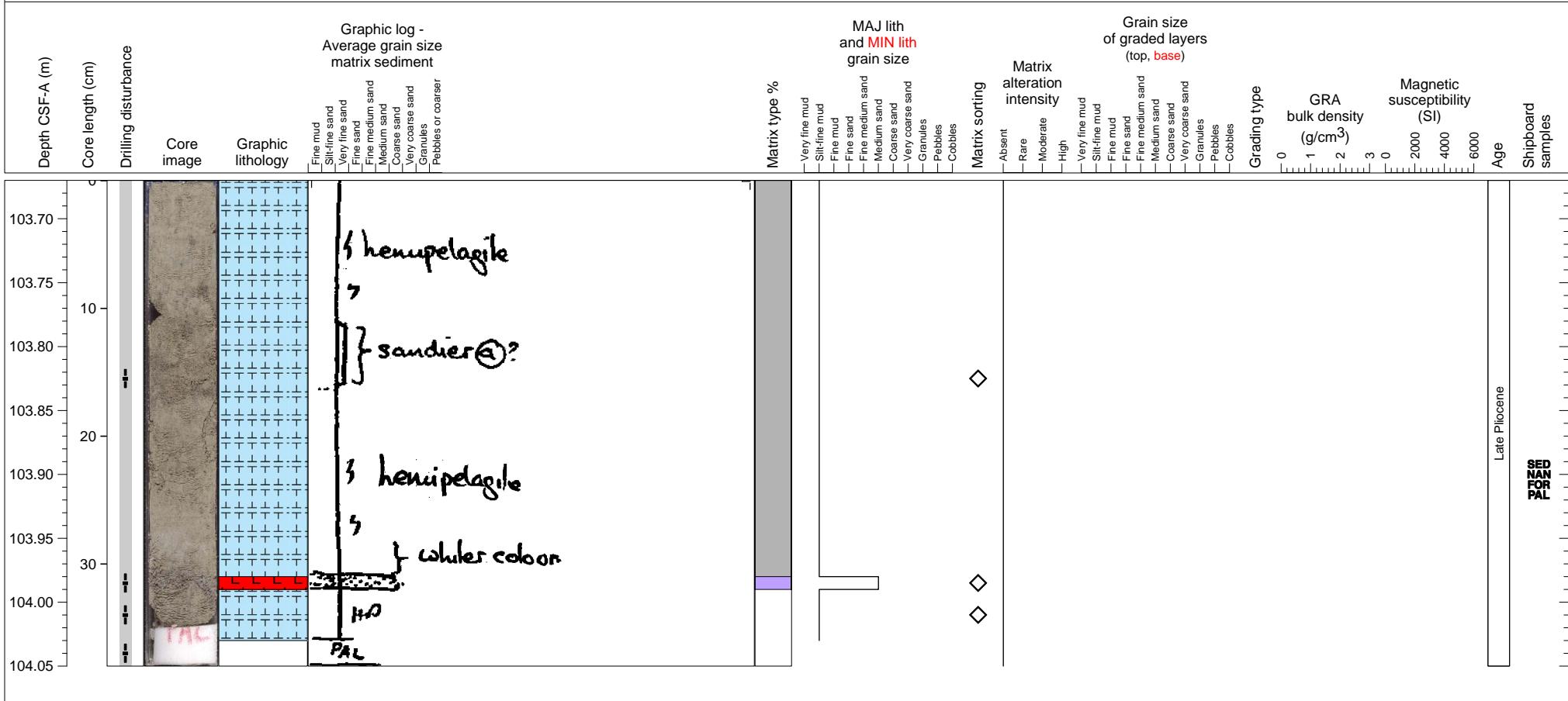
Hemipelagic clay with thin ash layer.



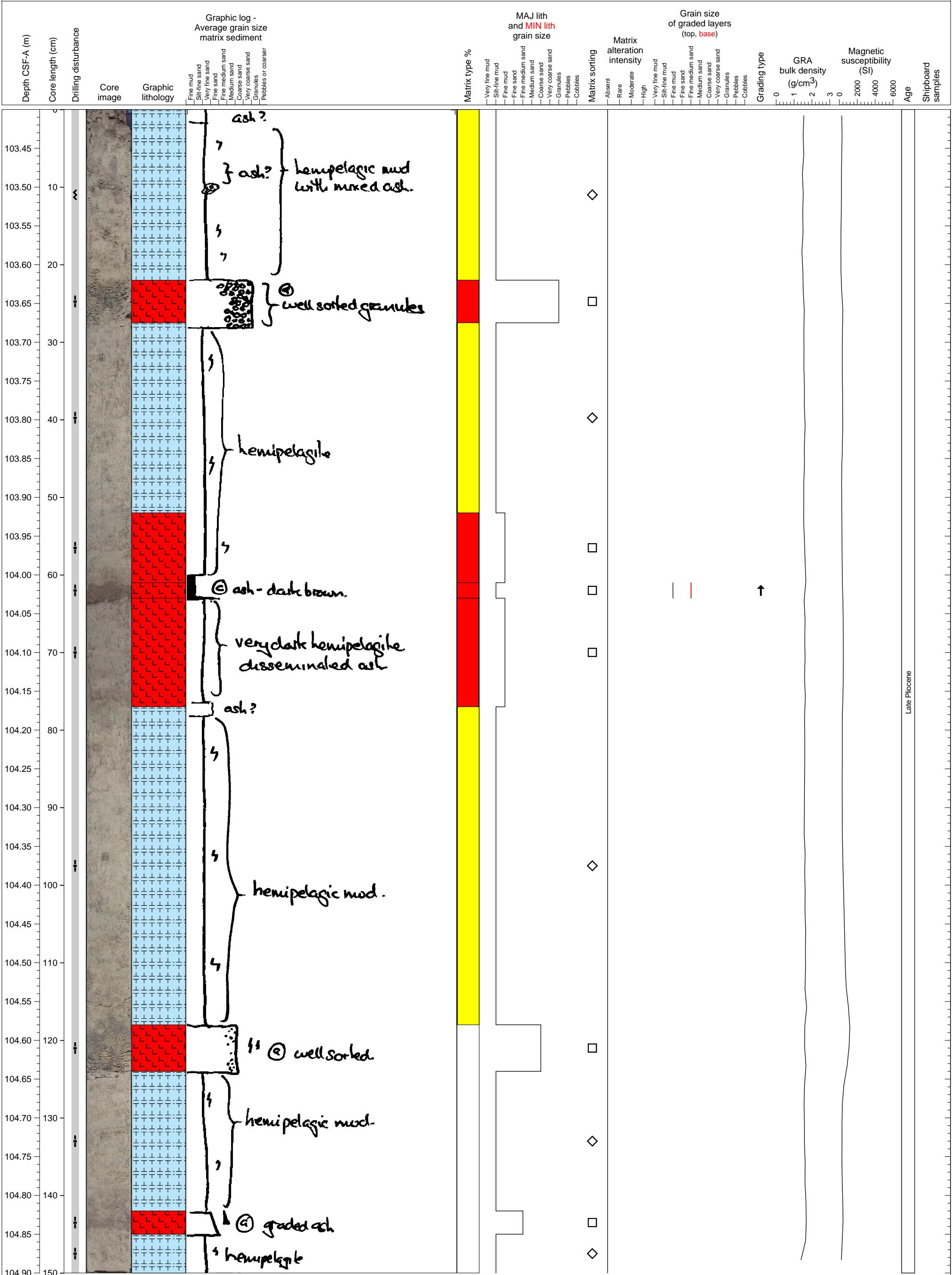
Hemipelagic sediments.



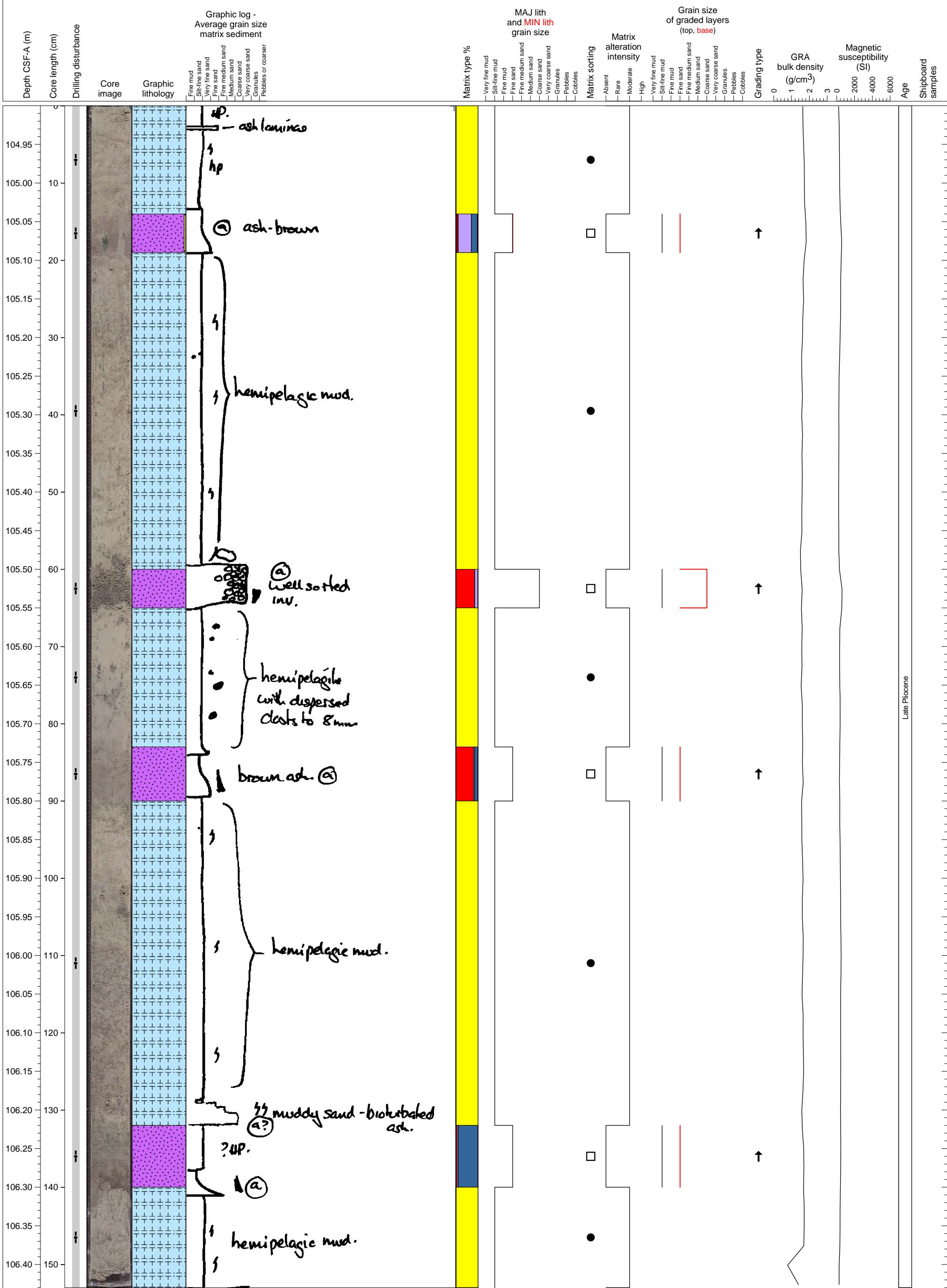
Hemipelagic mud with at least one ash.



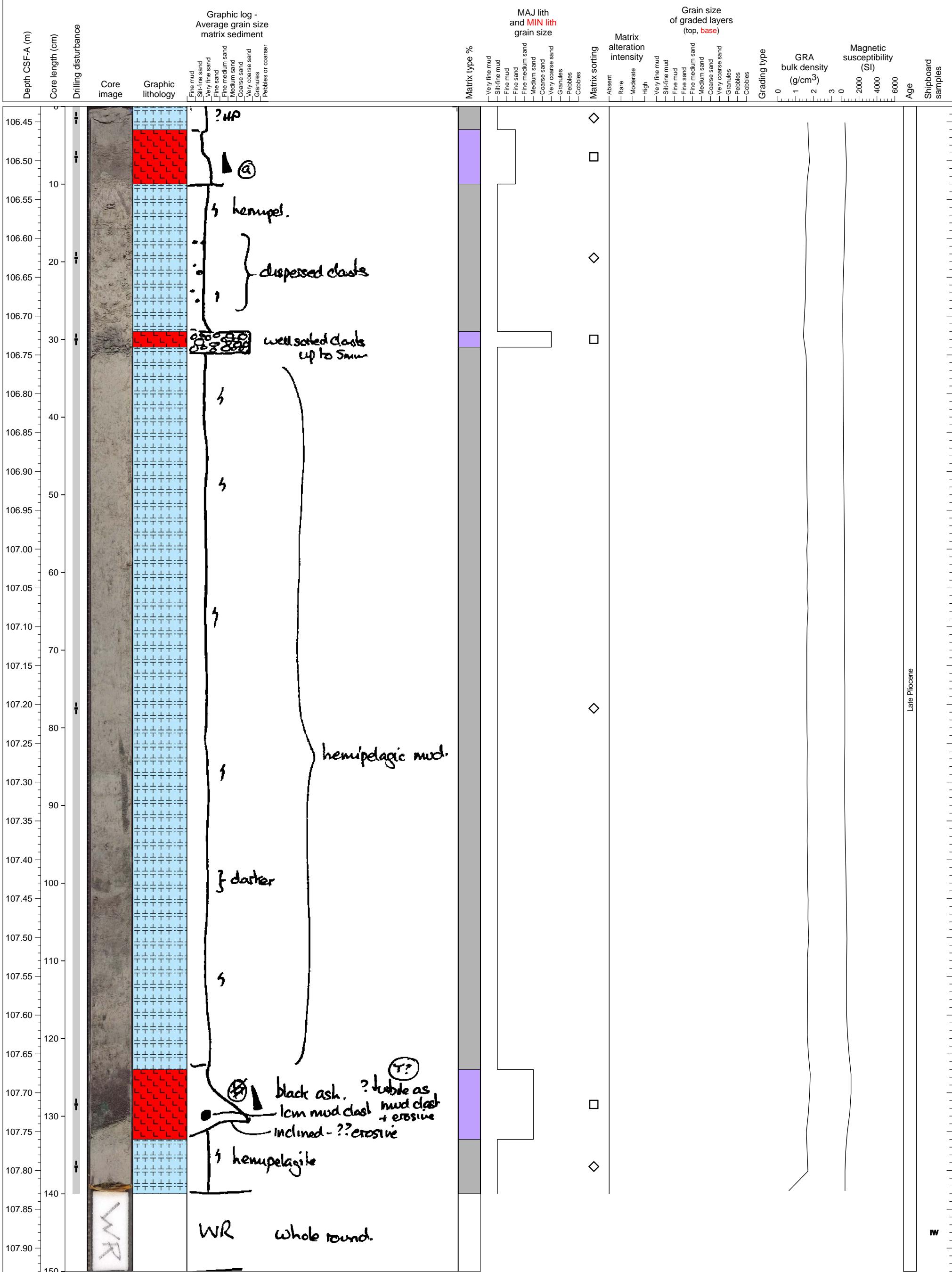
This section has four ash layers, ranging from granule-size pumice to very fine mud sized pumice.



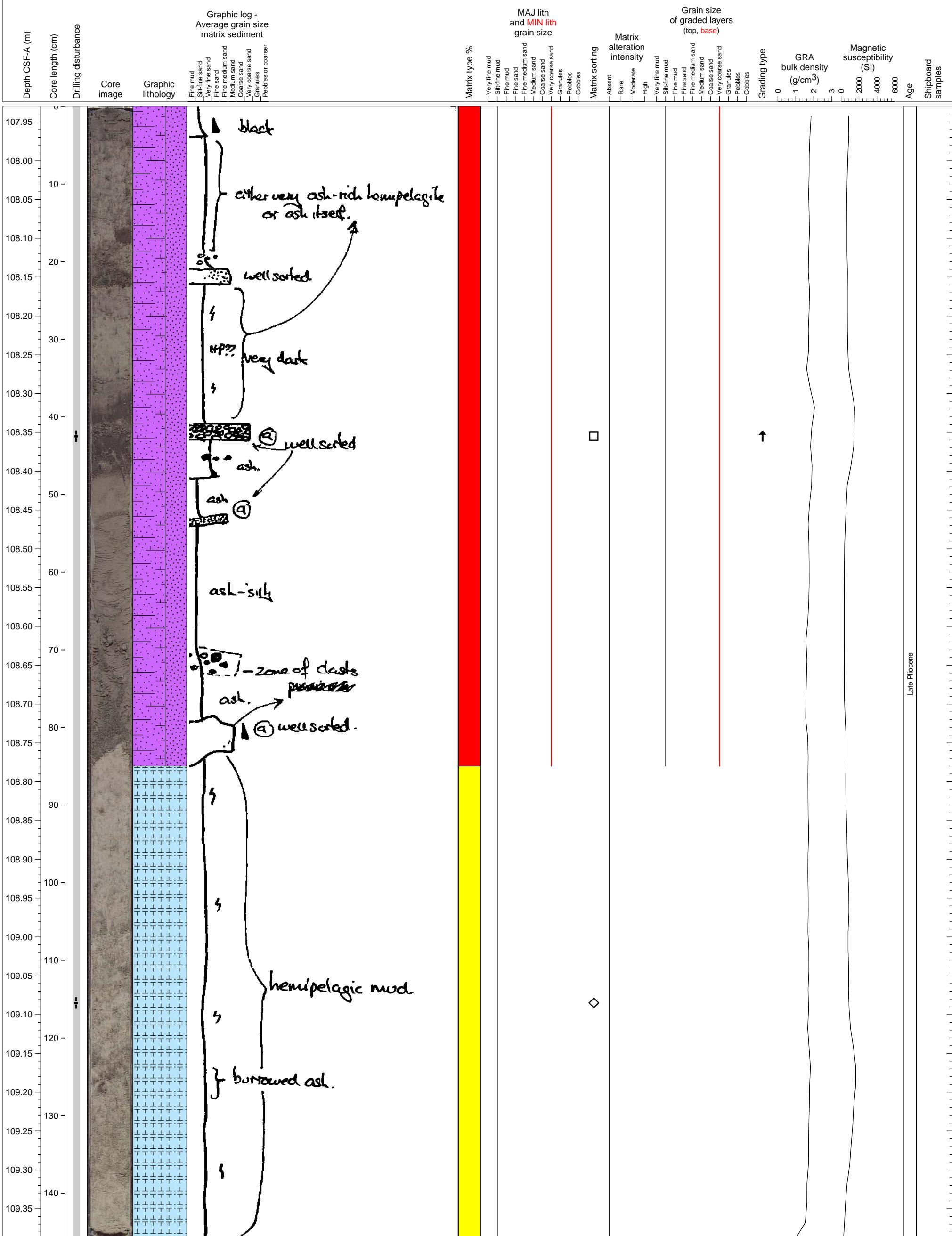
Fout tephra layers intercalating hemipelagic sediments.



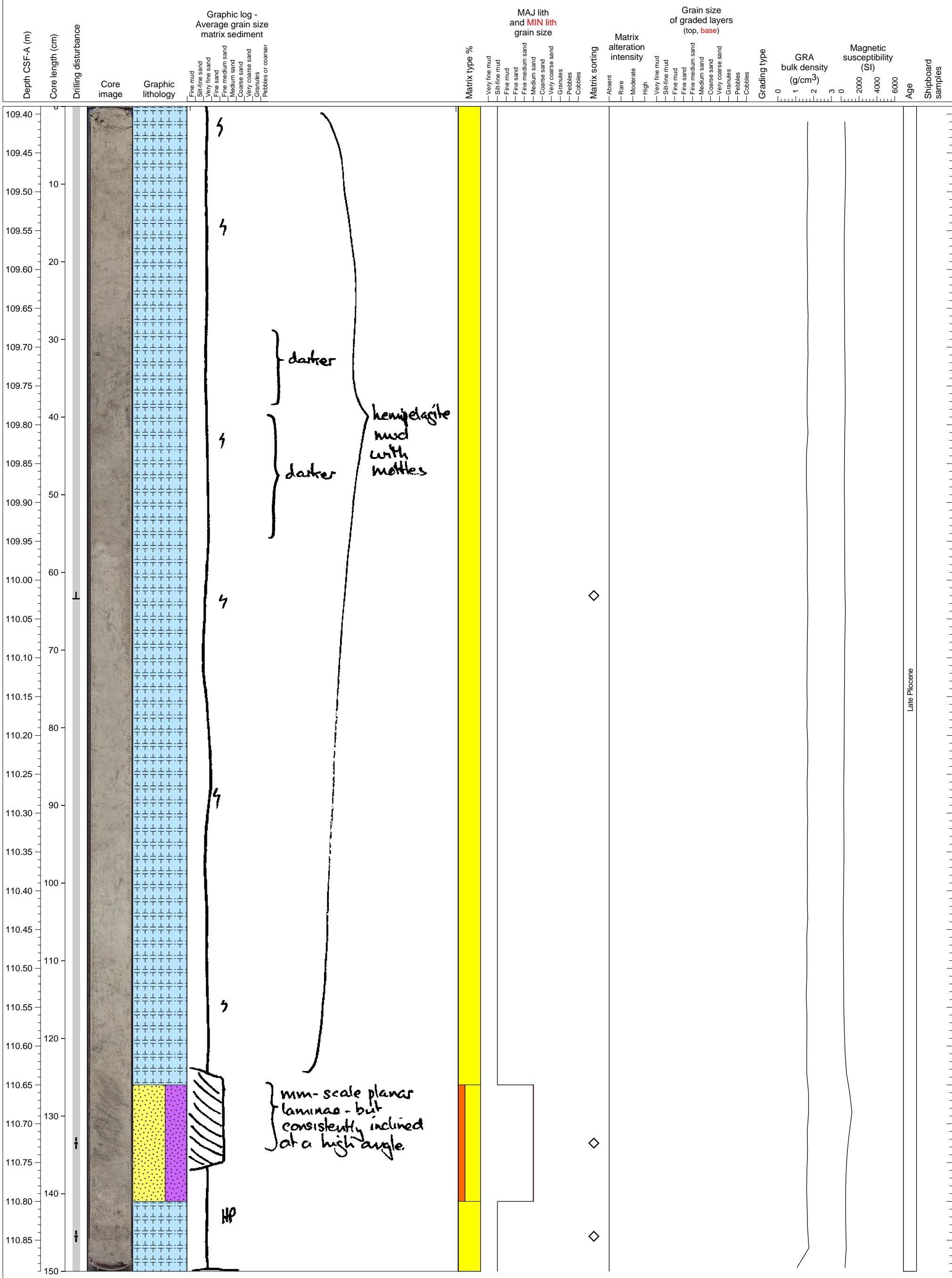
Hemipelagic mud with three tephra layers.



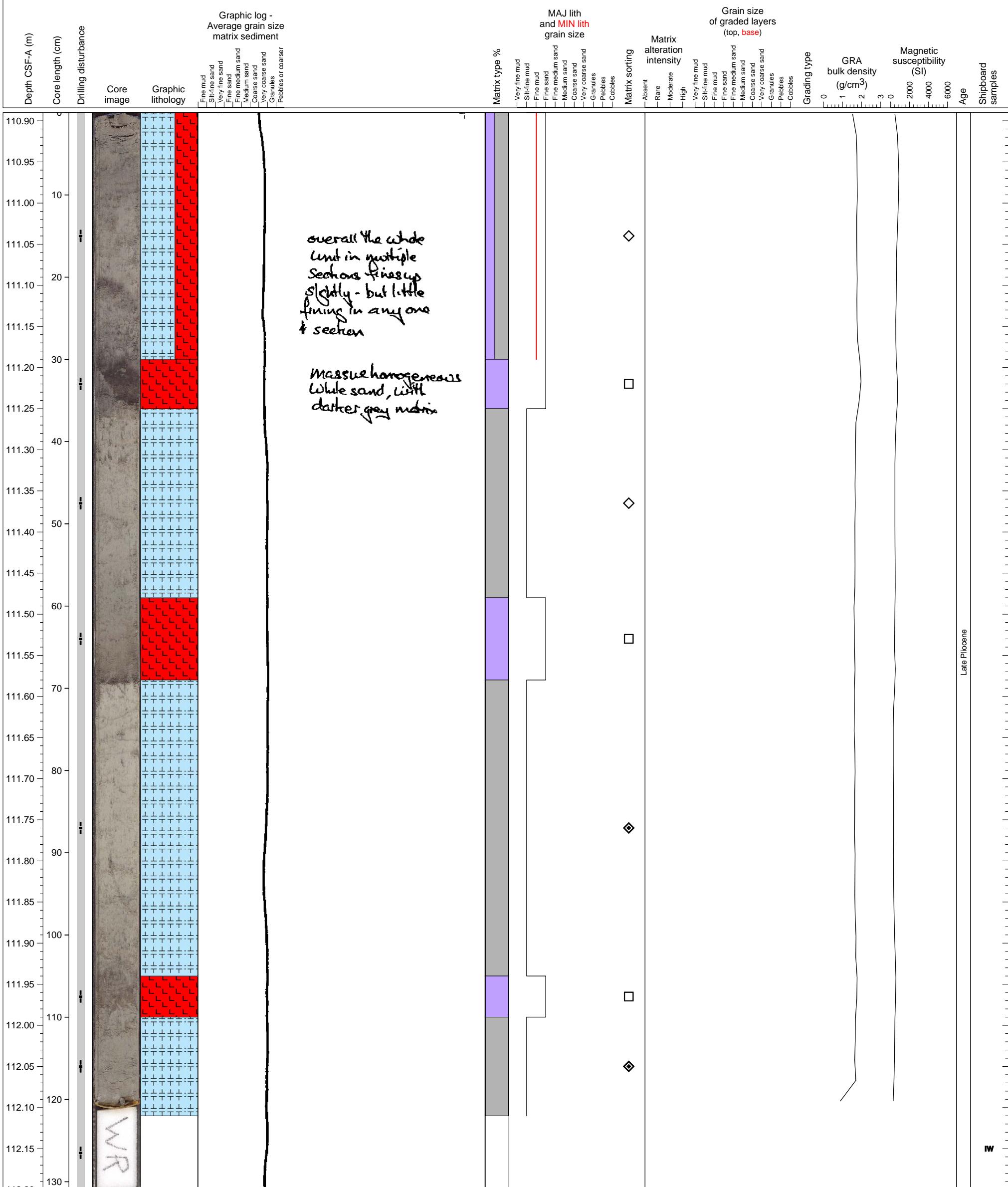
Four volcanioclastic fining upward sequences (fallout deposits) overtopping hemipelagic clay.



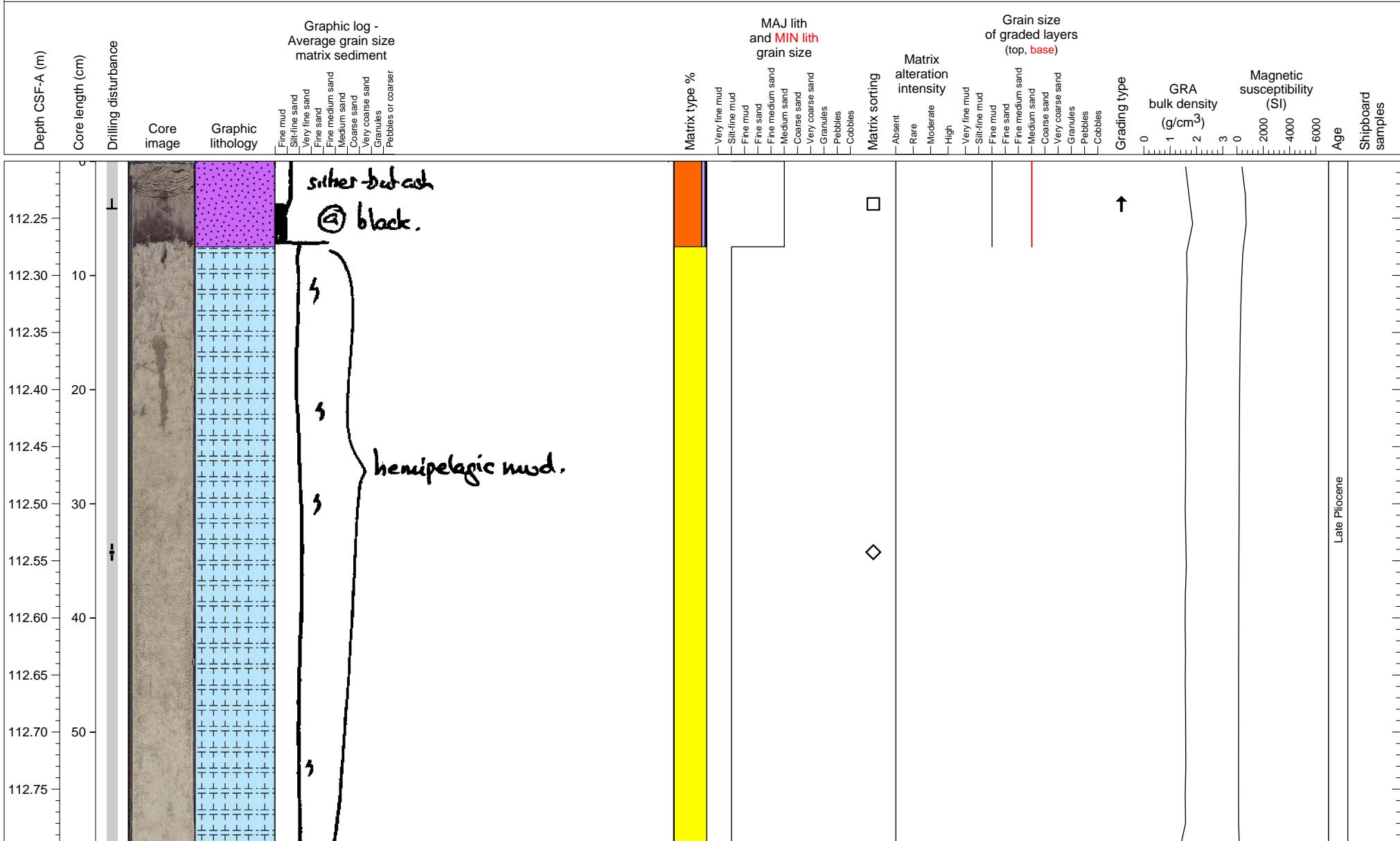
Hemipelagic clay interlayered with a bioclastic/volcaniclastic sand layer. Sand is separated into layers by compositon and the layers are at 30 degrees from horizontal.



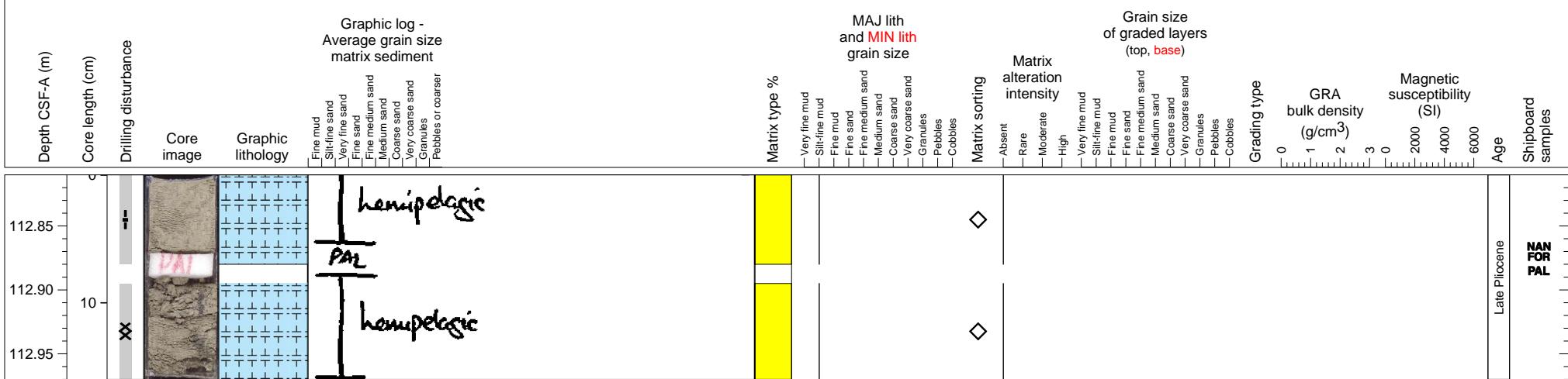
Hemipelagic mud with tephra layers.



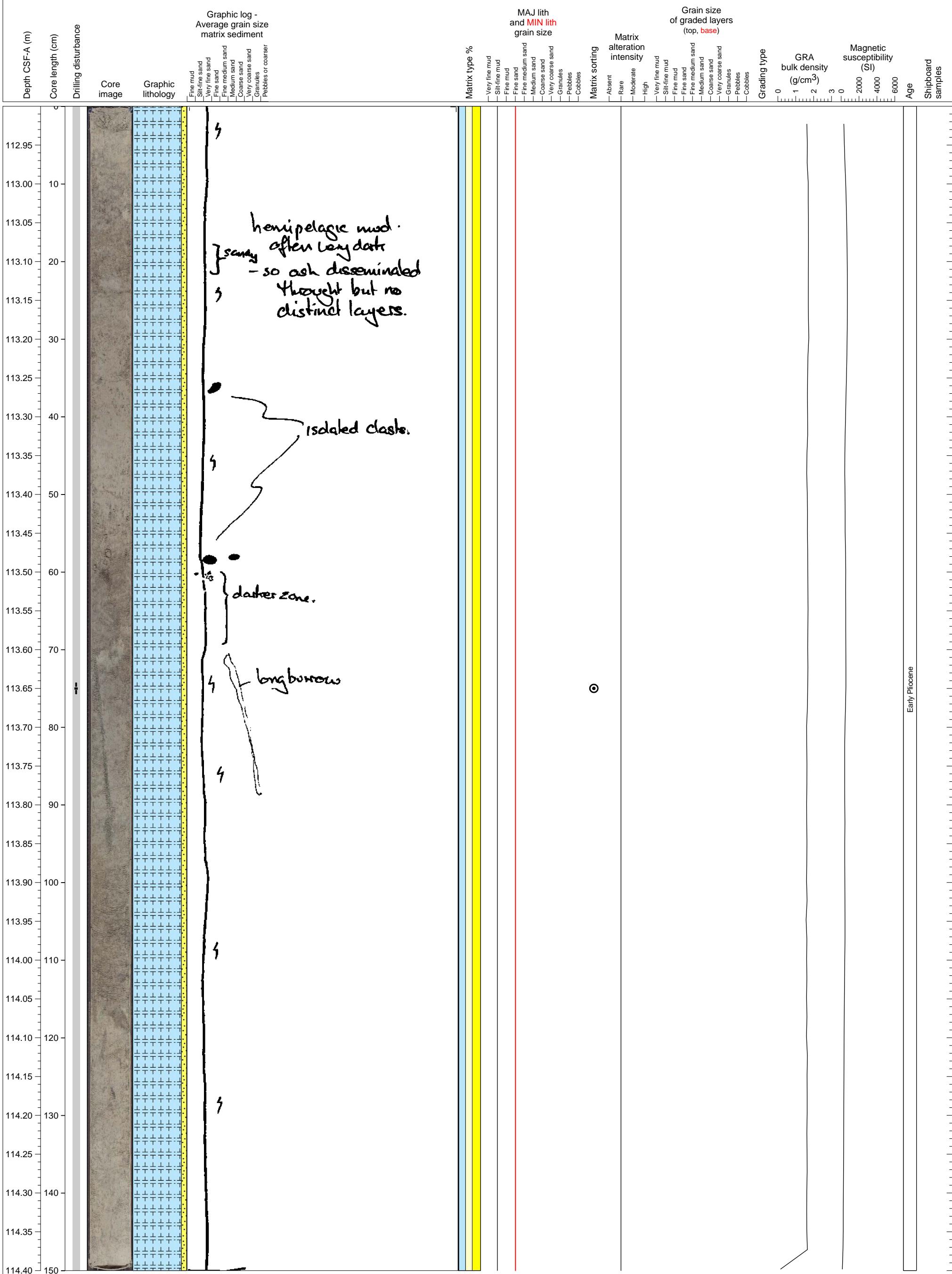
Hemipelagic clay layer topped with a fining upward volcanioclastic sequence (fallout deposit).



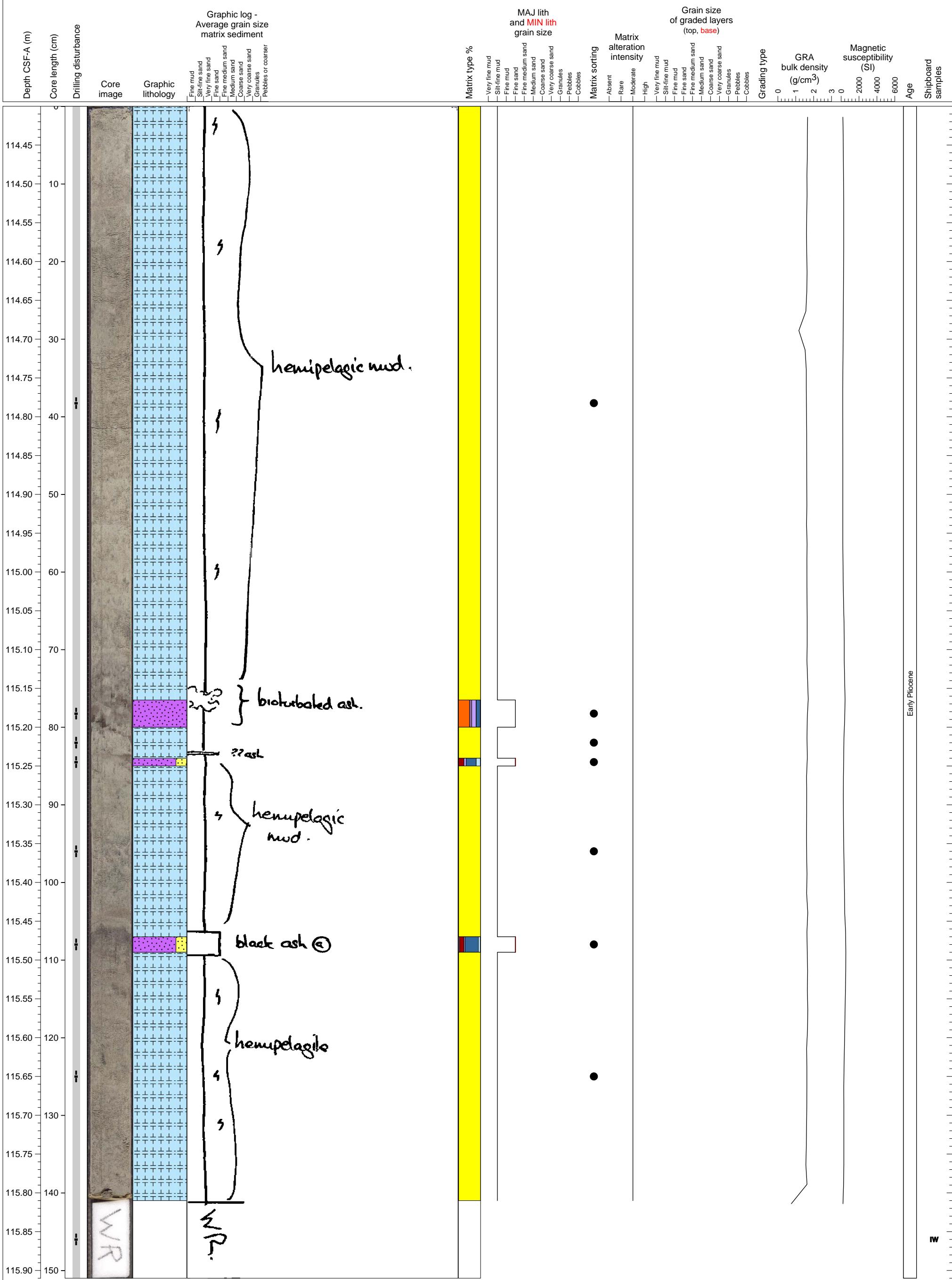
Hemipelagic clay. PAL sample from interior.



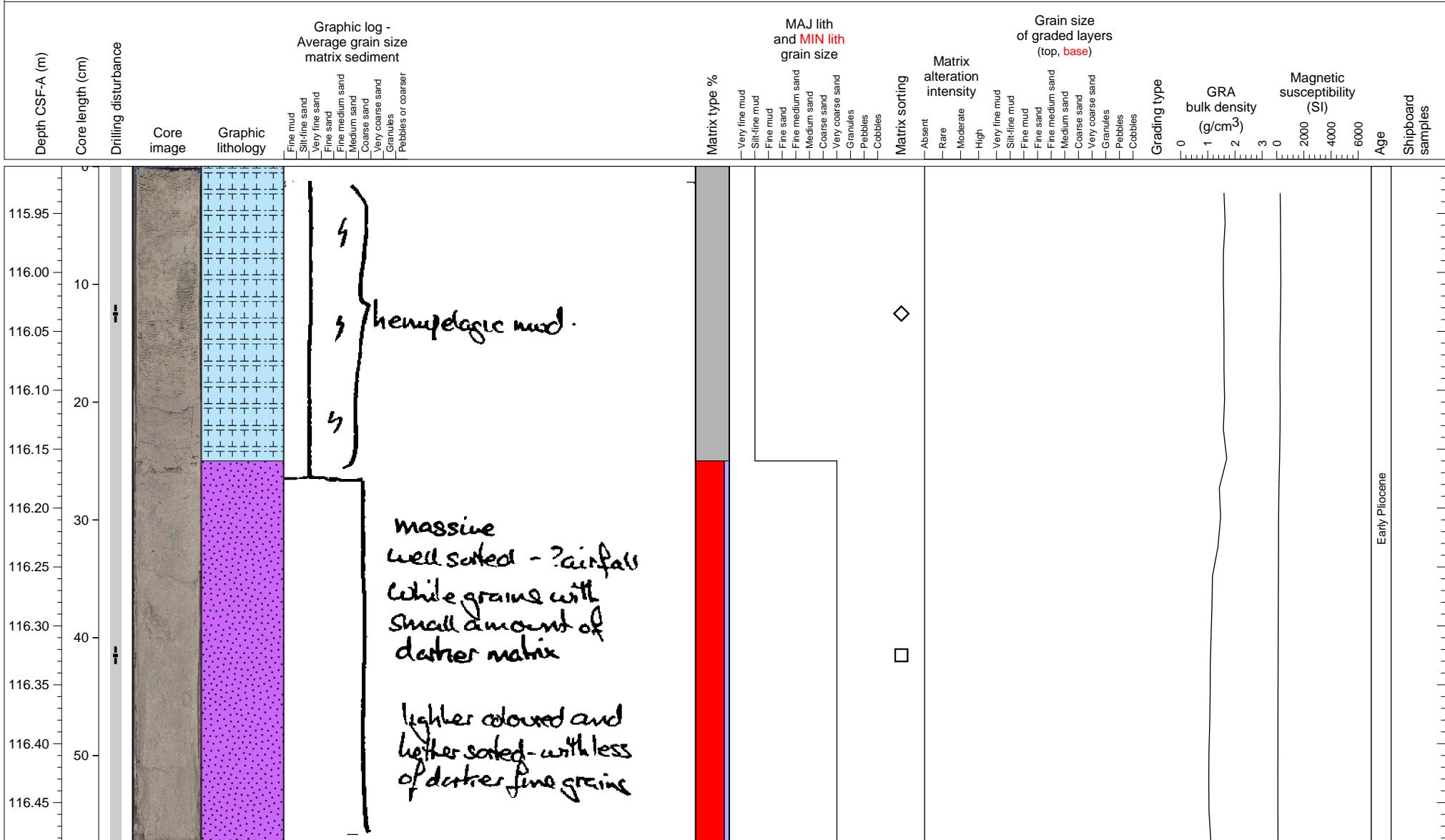
Hemipelagic mud.



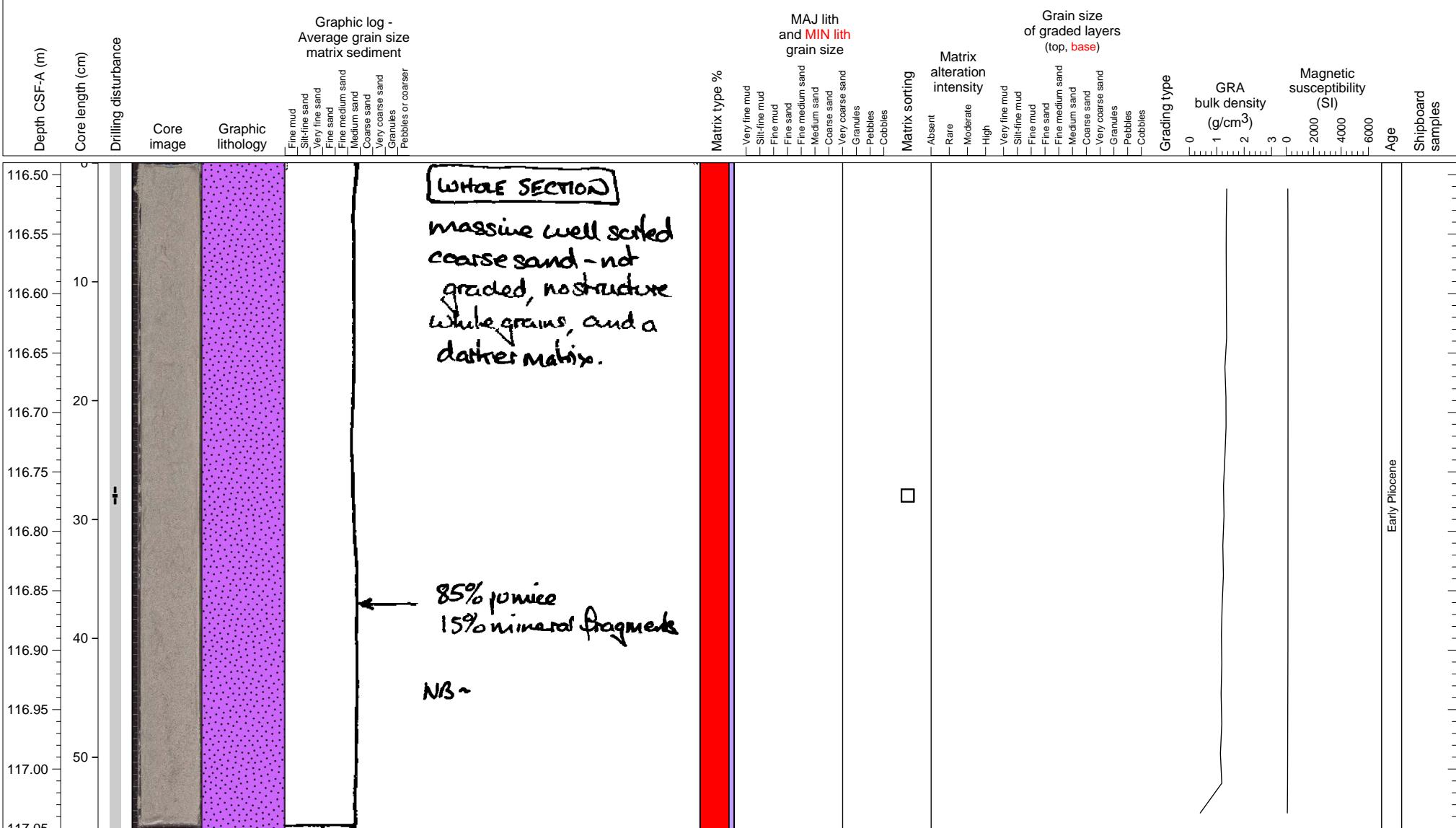
At least three tephra layers but all is heavily bioturbated.



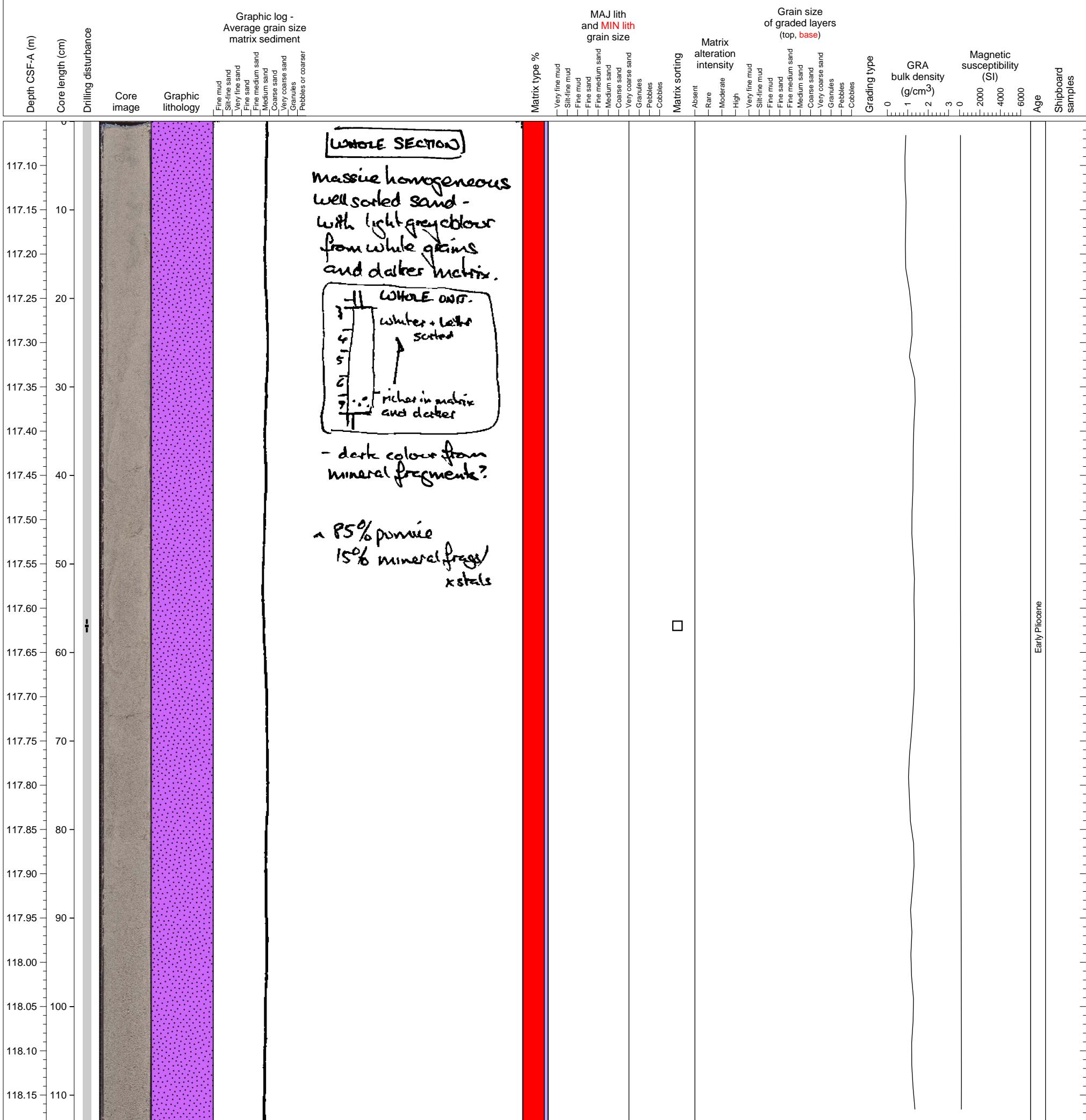
Hemipelagic mud with massive well sorted sand below.



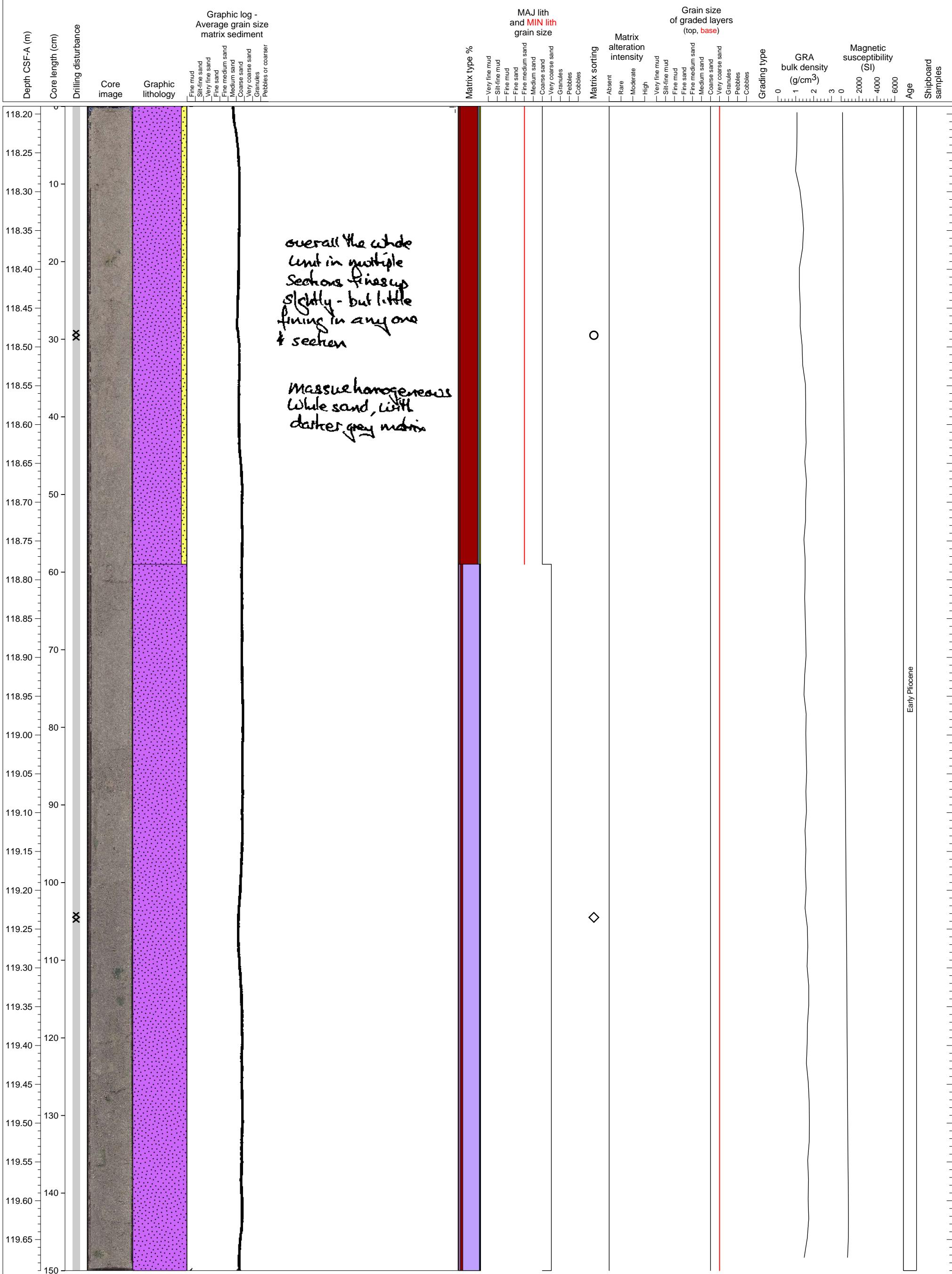
Massive well sorted coarse sand.



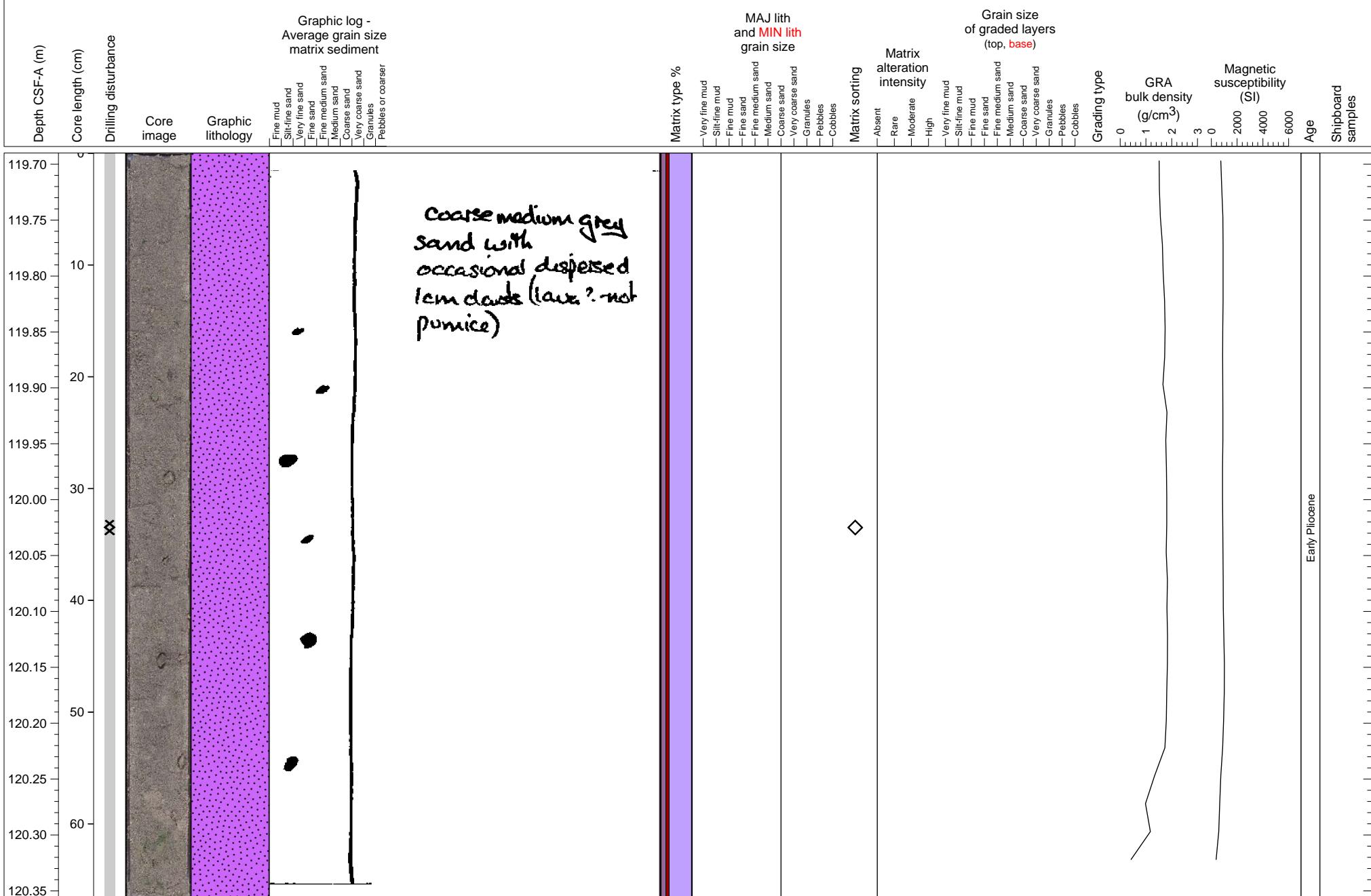
Massive well sorted coarse sand.



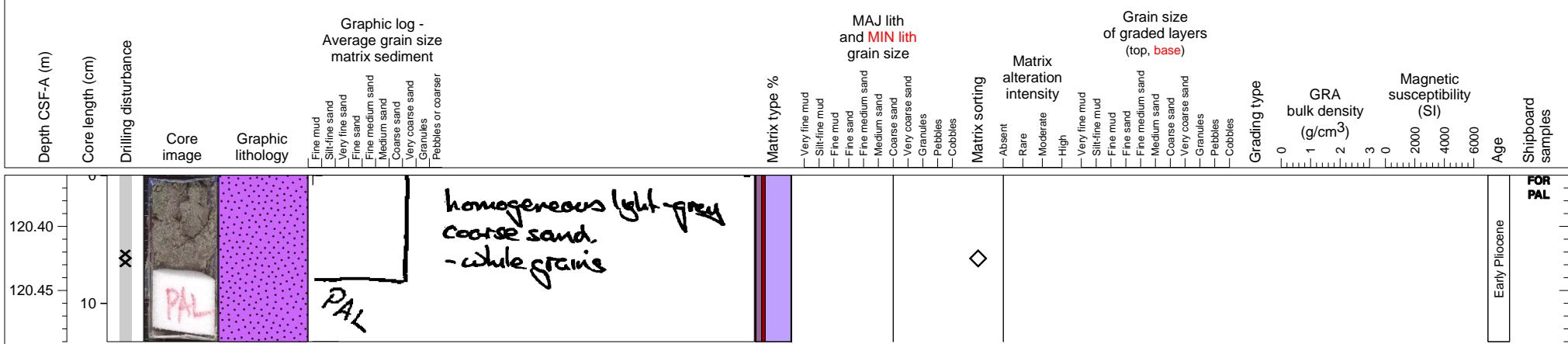
Thick volcanioclastic turbidite bed. Upper part is rich in vesicular lava fragments.



Thick volcanioclastic turbidite.

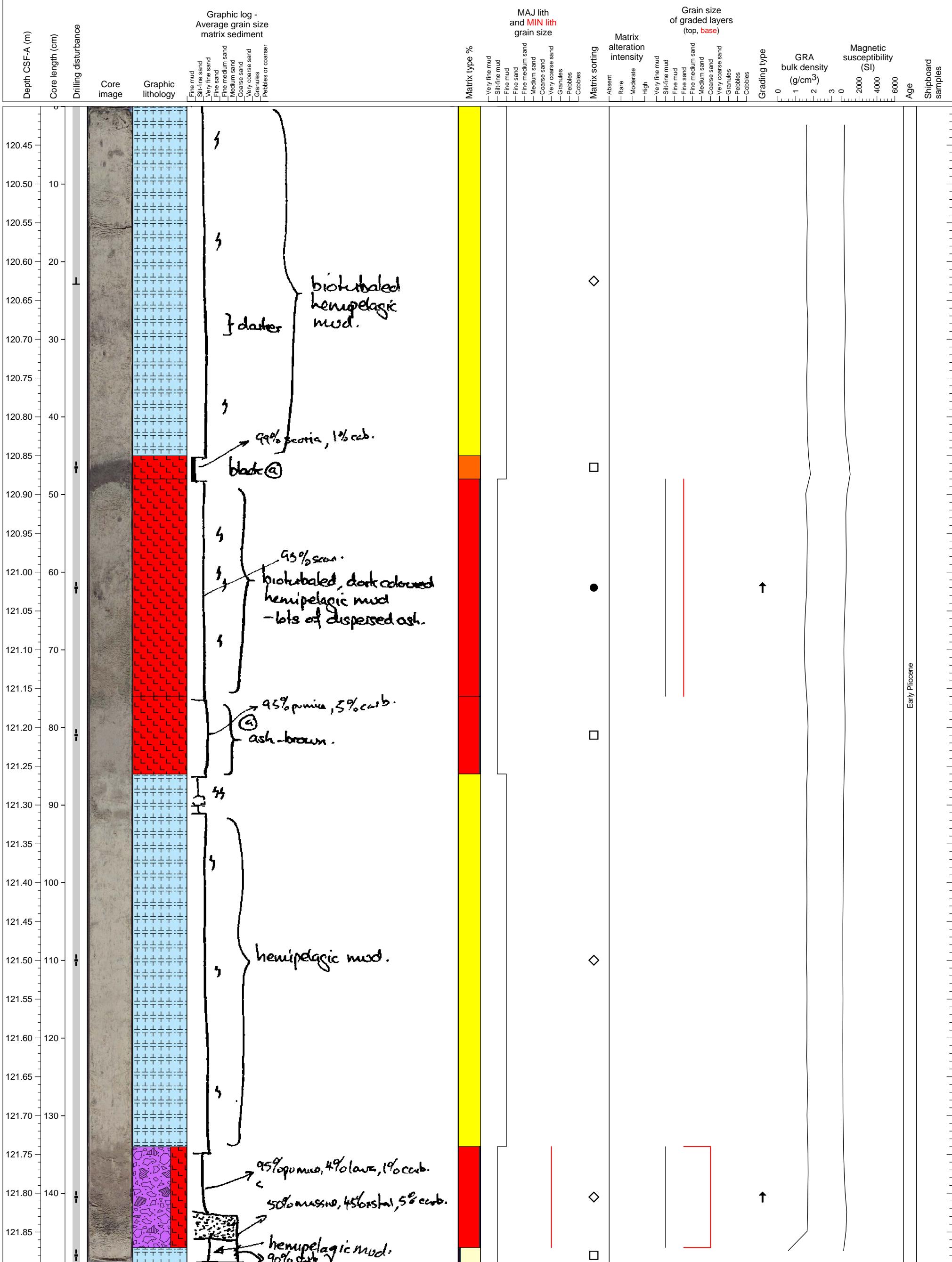


The rest of a thick volcanoclastic turbidite succession.

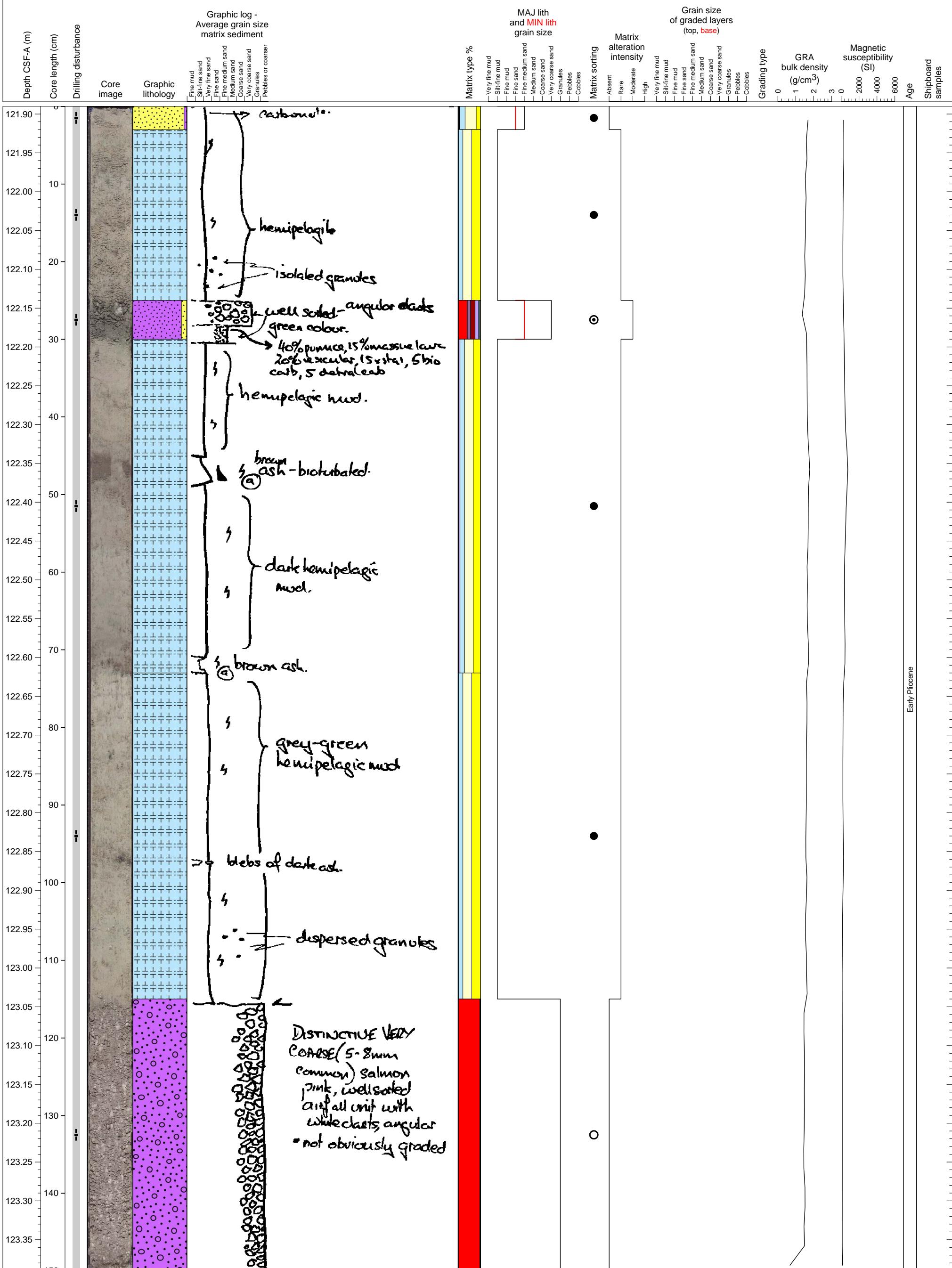


Hole 340-U1396C-14H Section 1, Top of Section: 120.4 CSF-A (m)

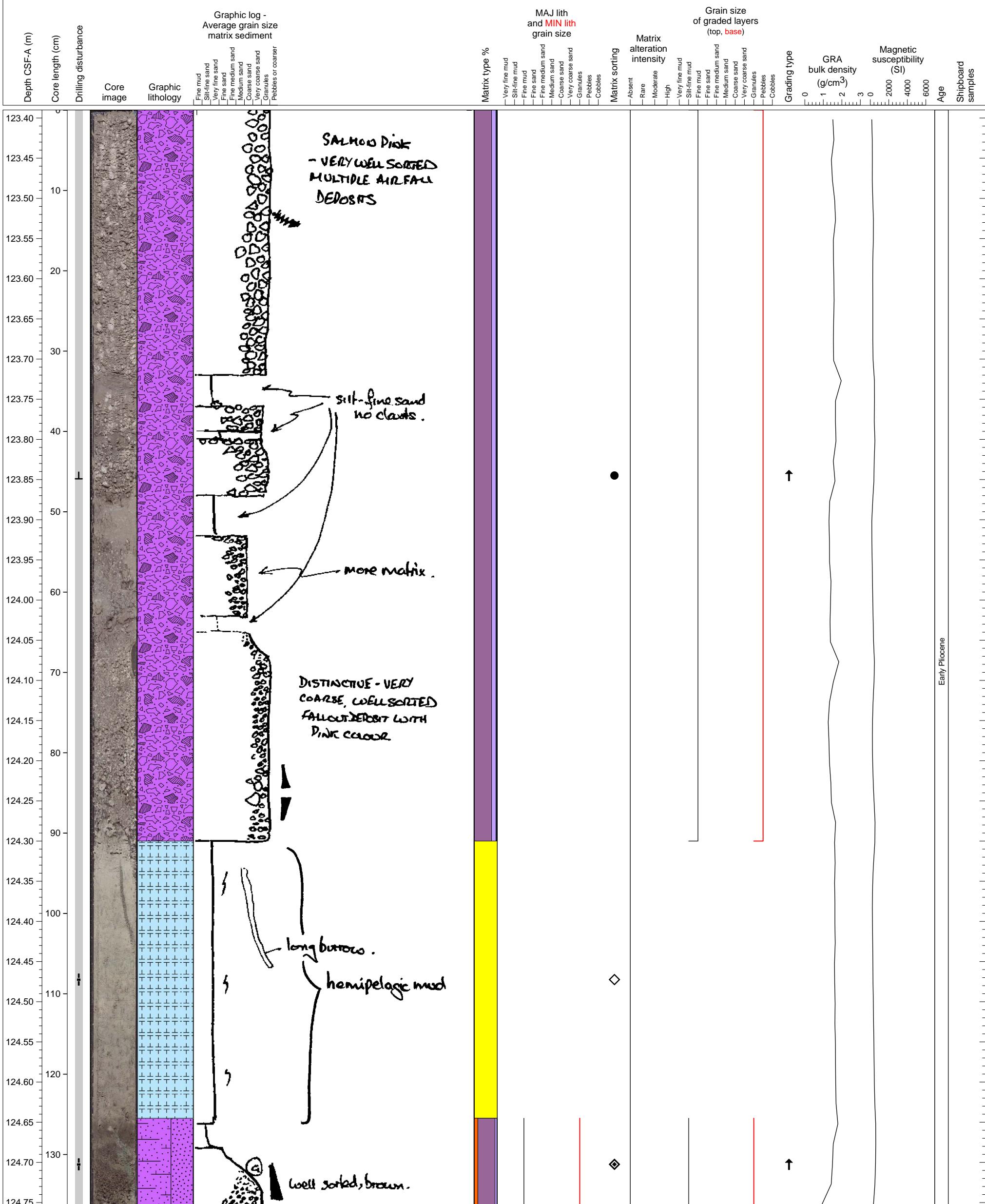
Volcanic ash rich section in the background calcareous sediments. From 45 cm to 86 cm is a series of ash layers without intervals of hemipelagic clay, which could be derived from one eruption but the composition changes gradually from dacitic (pumice rich, light gray) to basaltic (scoria rich, dark gray).



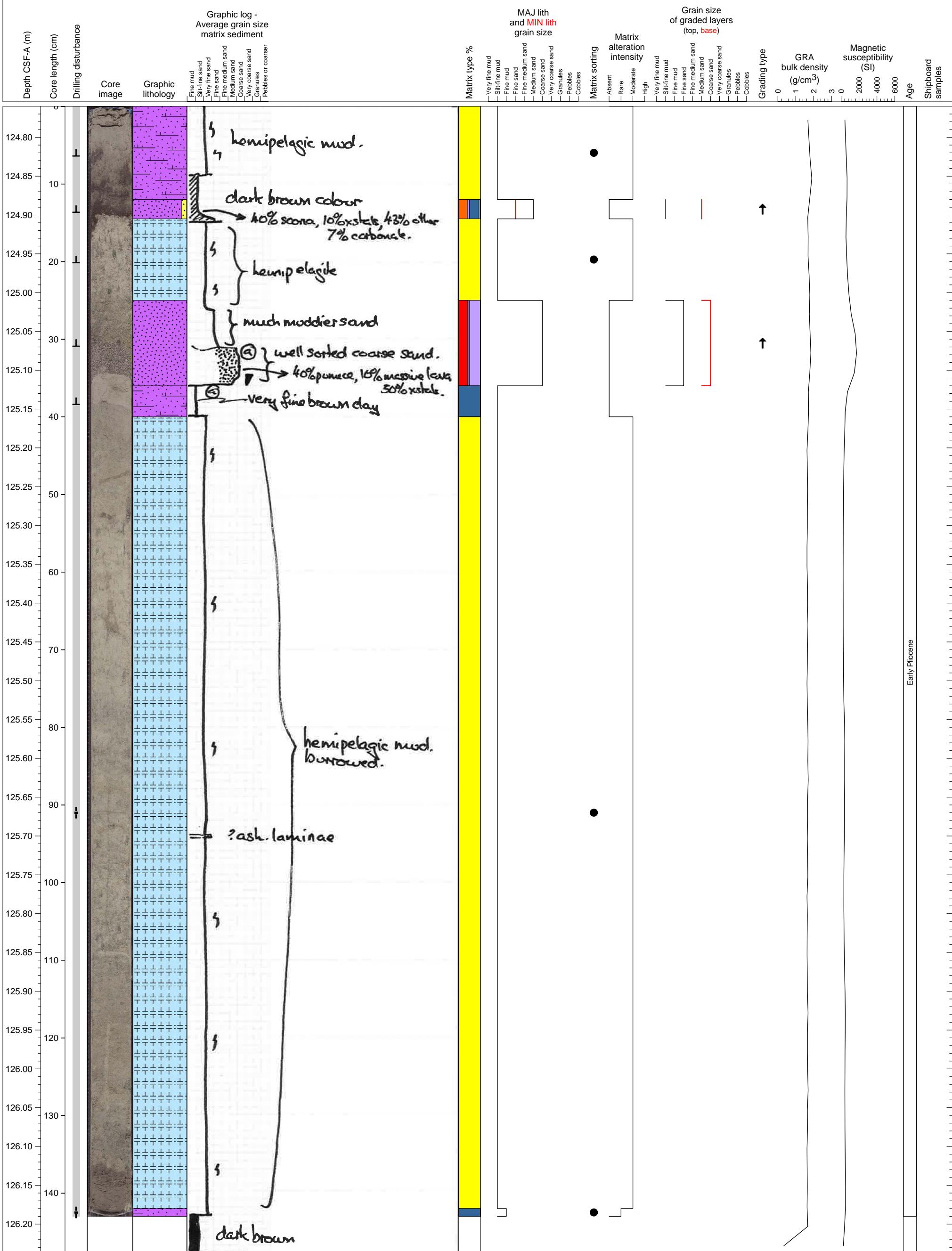
Upper part is hemipelagic calcareous sand, and lower 35 cm is volcaniclastic gravel.



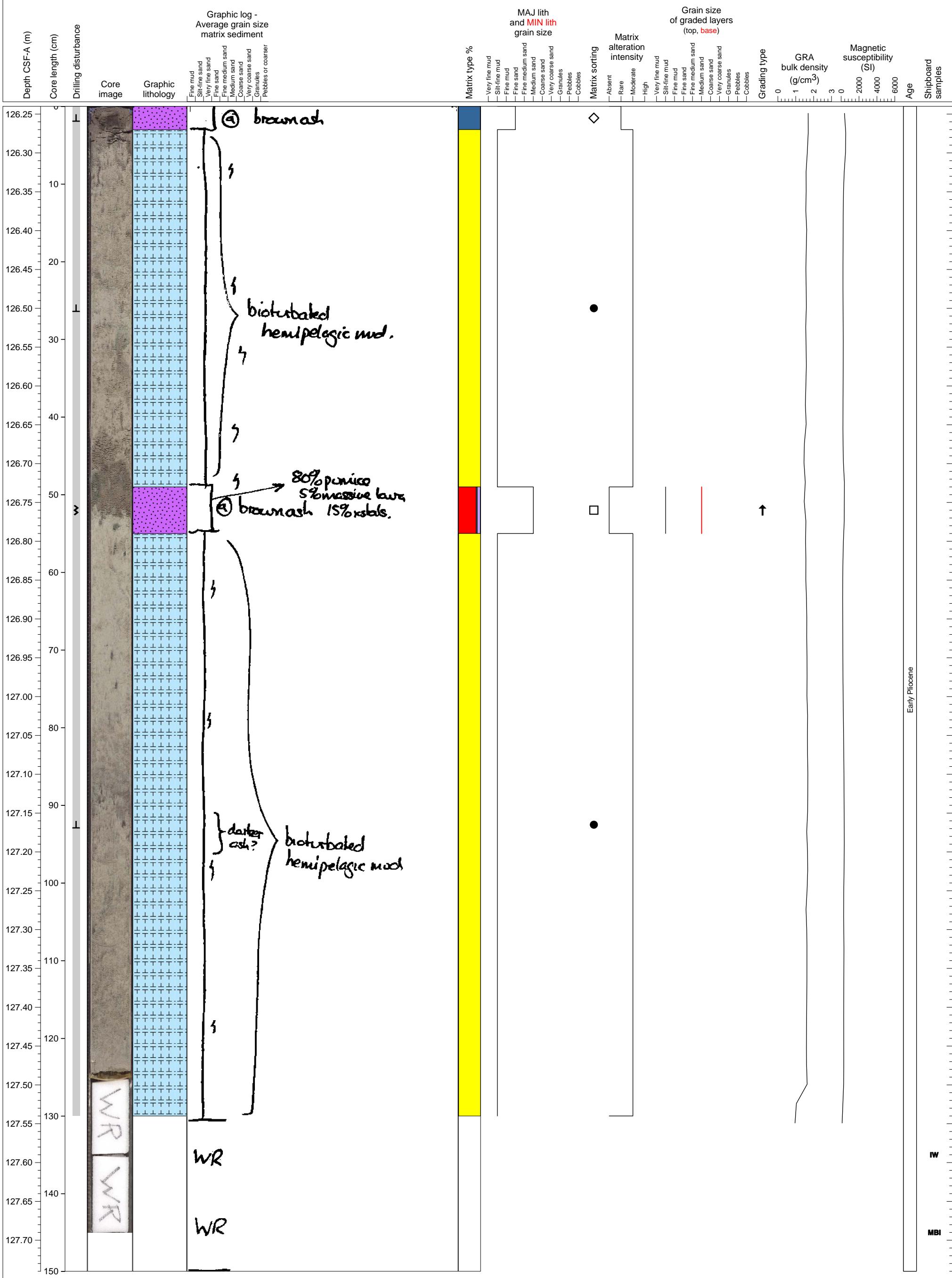
Distinctive series of very coarse well sorted massive fallout deposits, separated by finer fall out material, underlain by hemipelagic mud and brown fall out layer



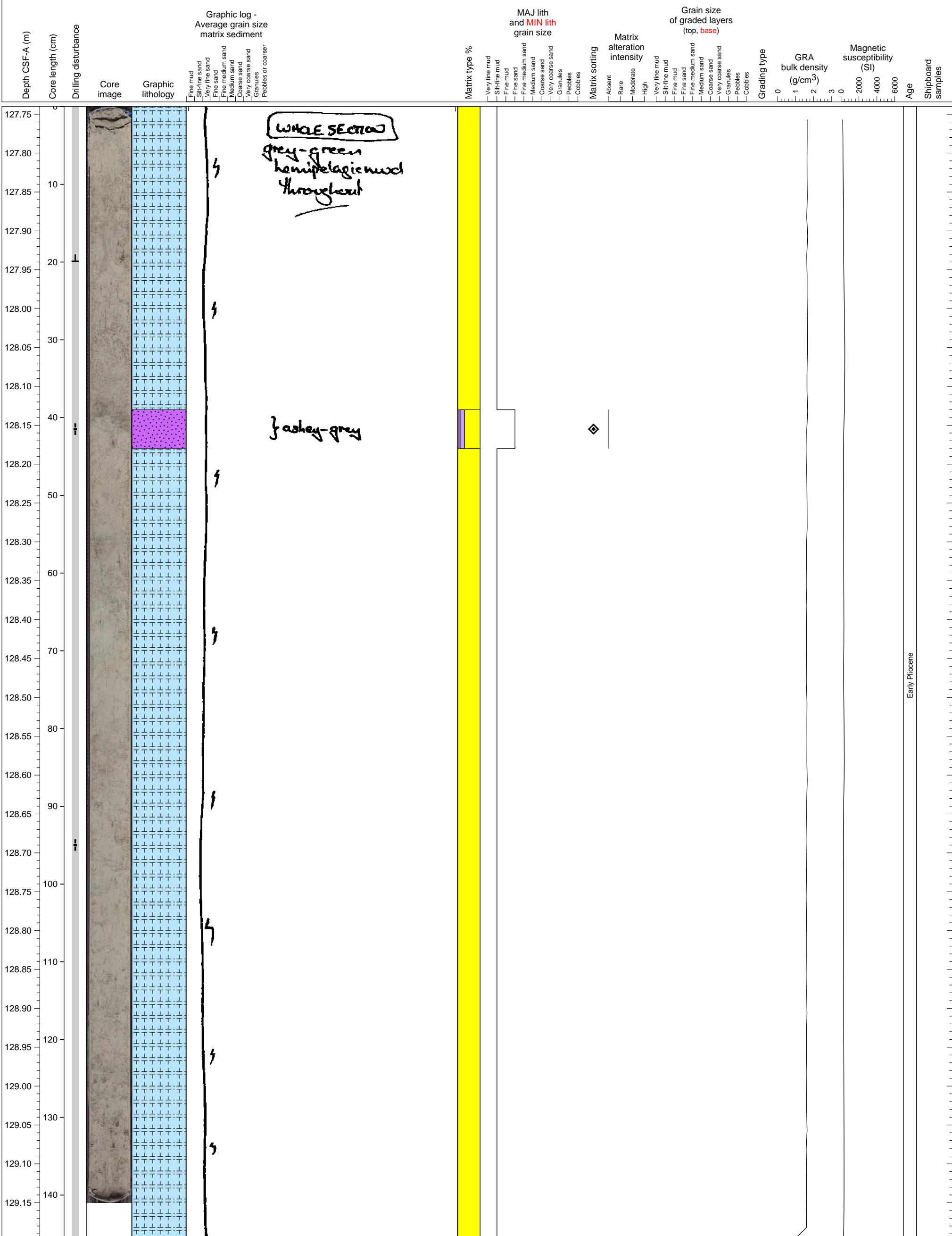
Basaltic and silicic tephra layers intercalating hemipelagic sediments.



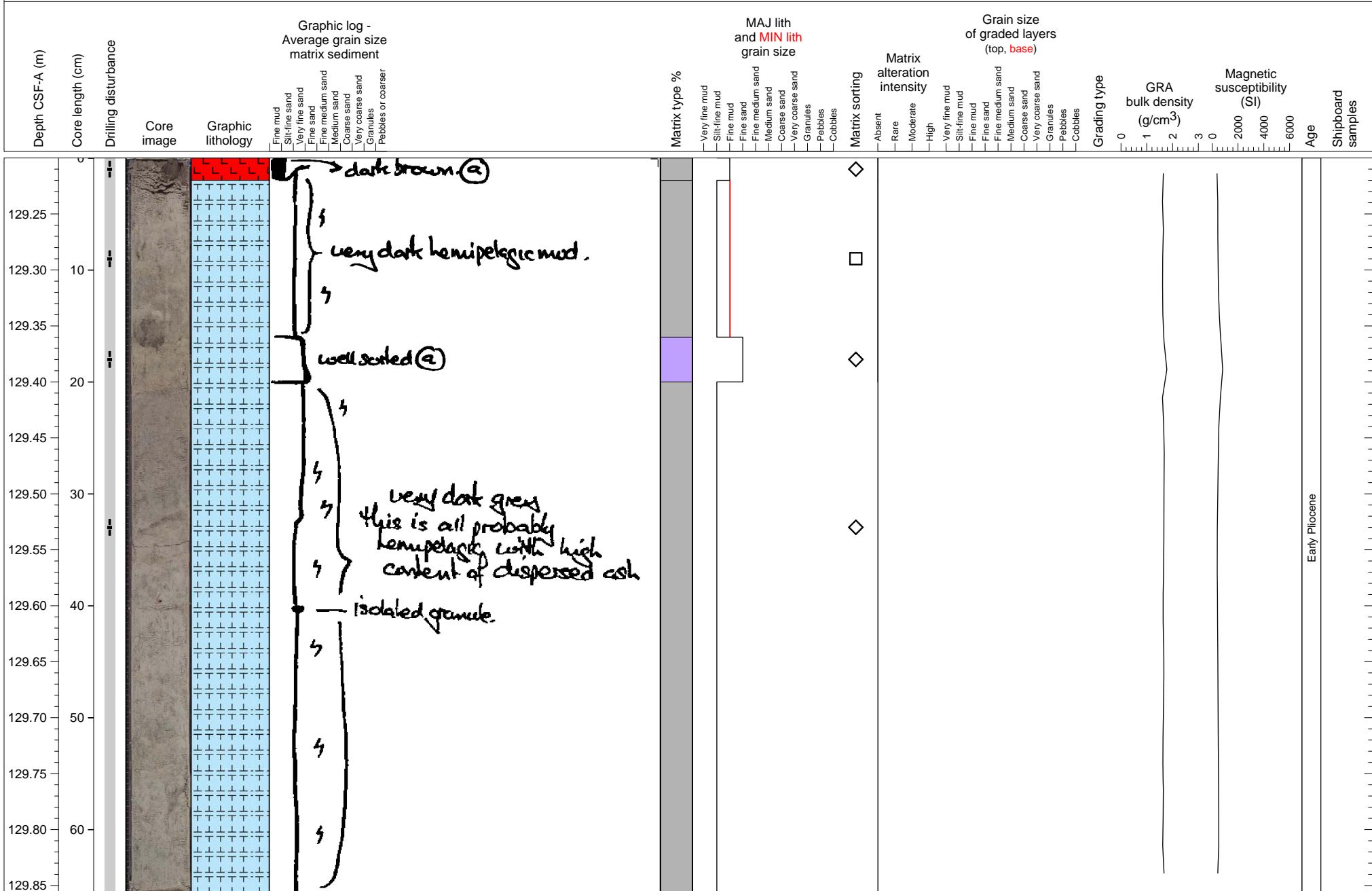
Pumice-rich tephra layer intercalating hemipelagic sediment.



Hemipelagic clay with thin disseminated ash layer.



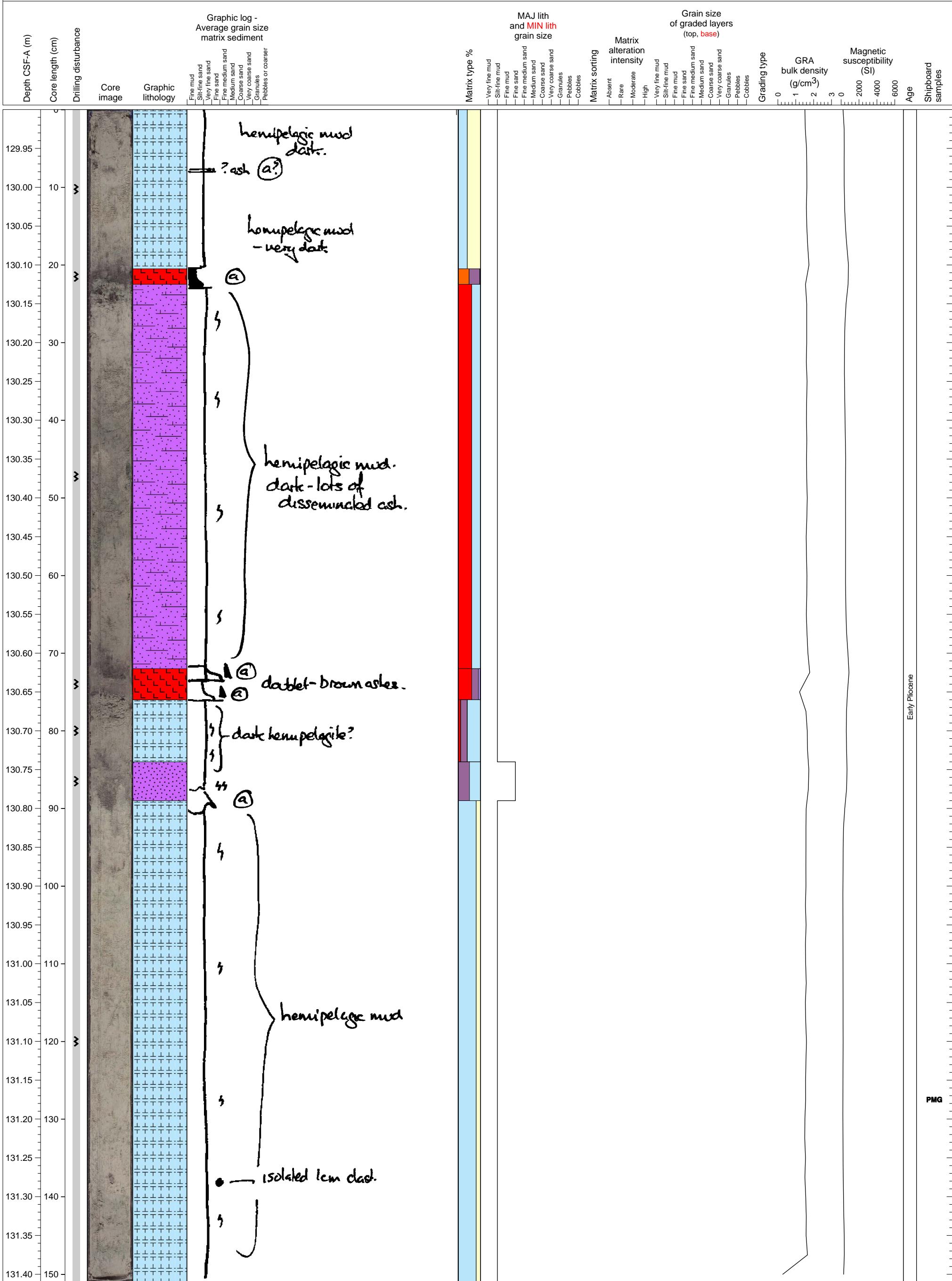
Dark hemipelagic mud, with ash at top, and at 20 cm.



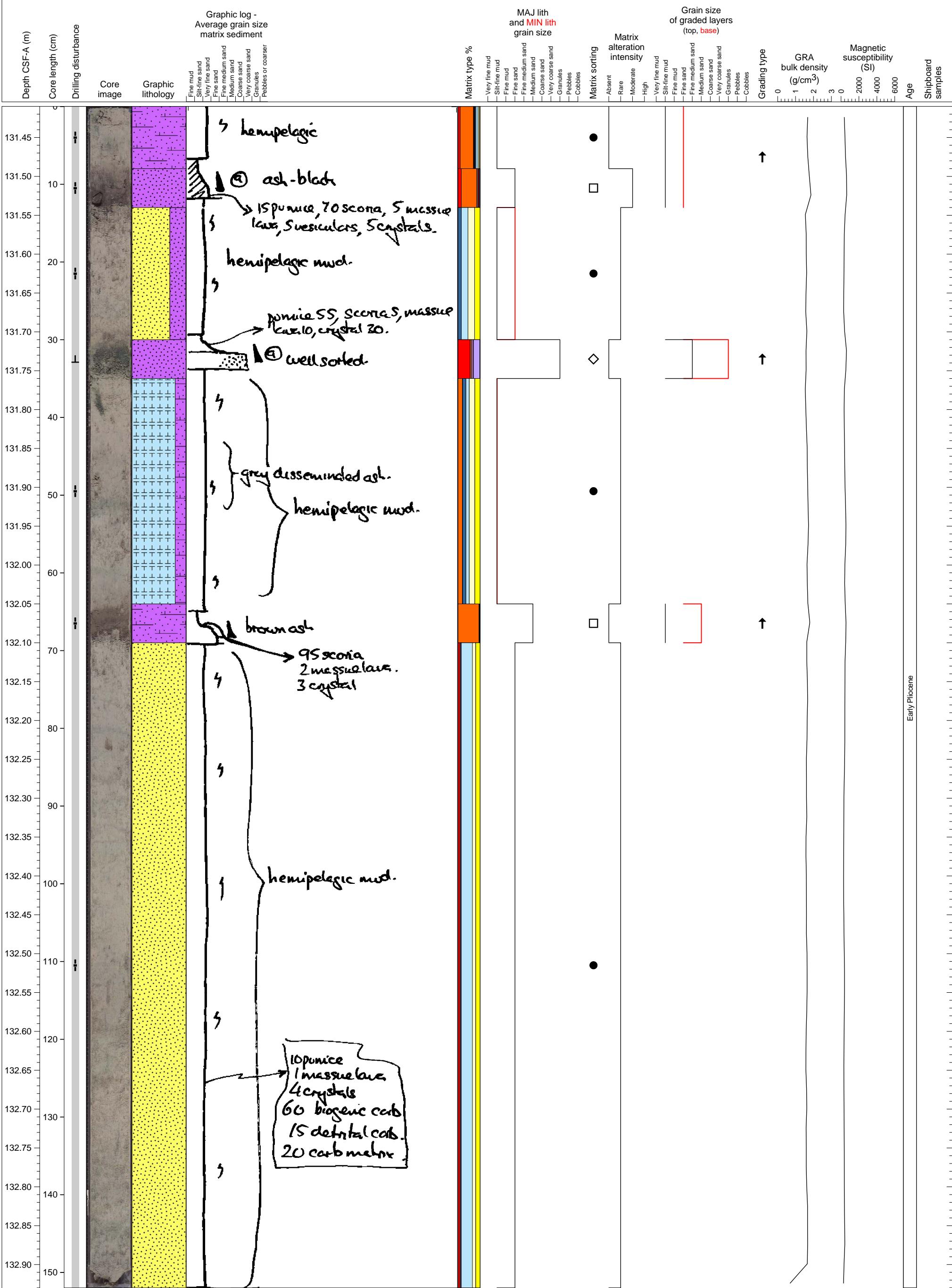
Hemipelagic mud and dark brown coarse ash layer.



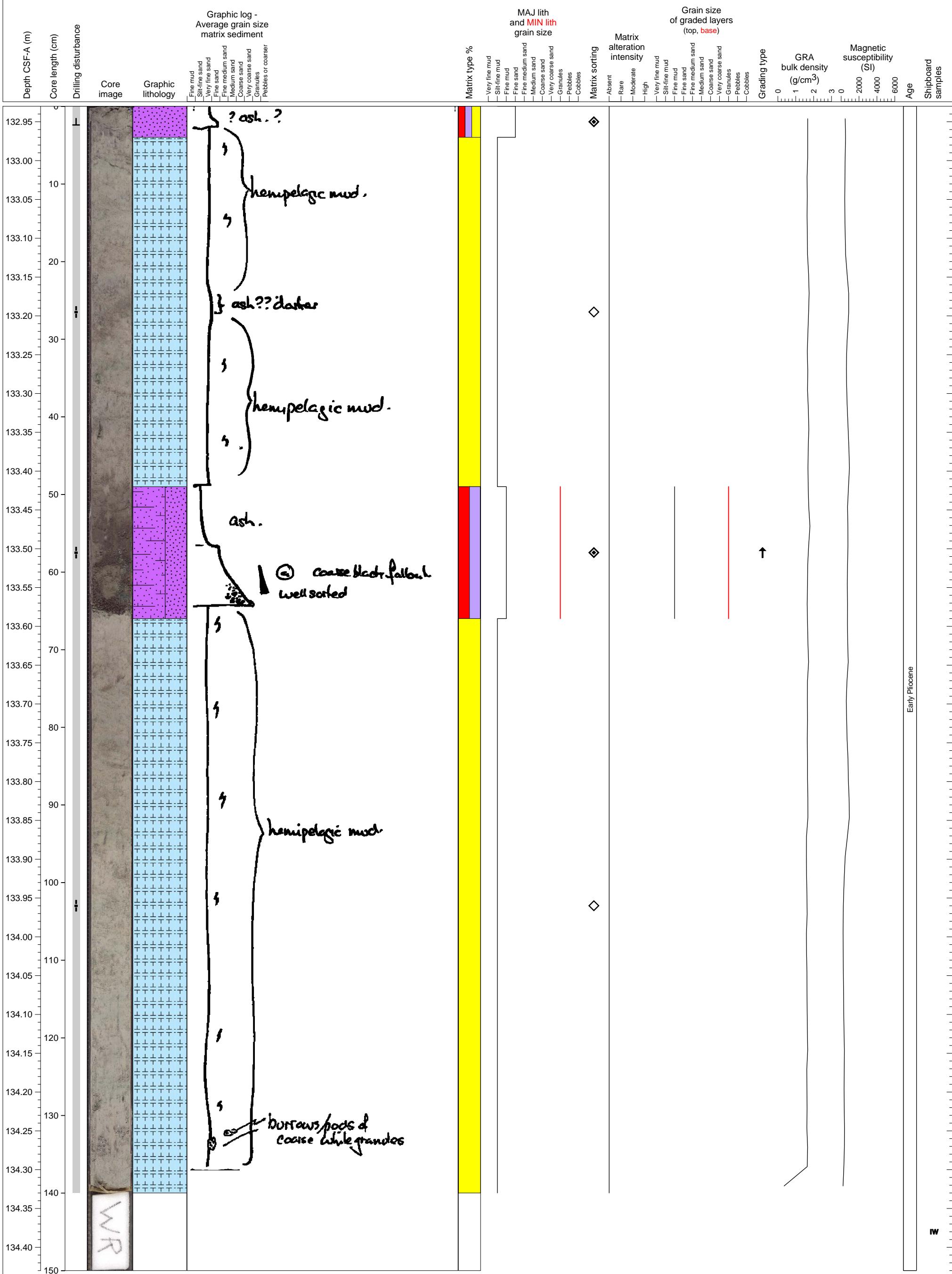
This section contains two ash layers. There are some mixing zone below one ash layers, consisting of volcaniclastic materials and biogenic materials.



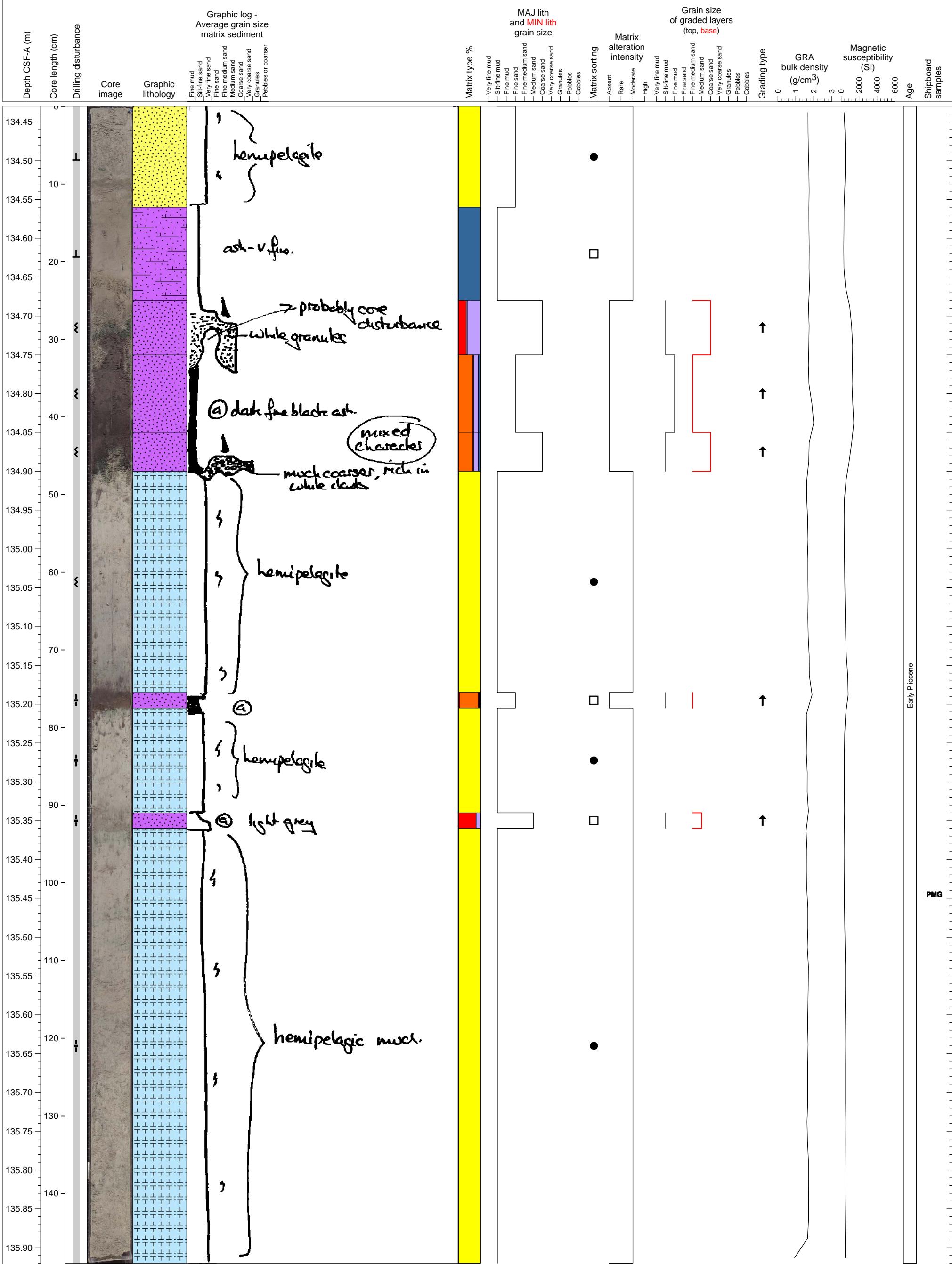
Alternation of hemipelagic clay layers and three volcaniclastic sand-silt layers.



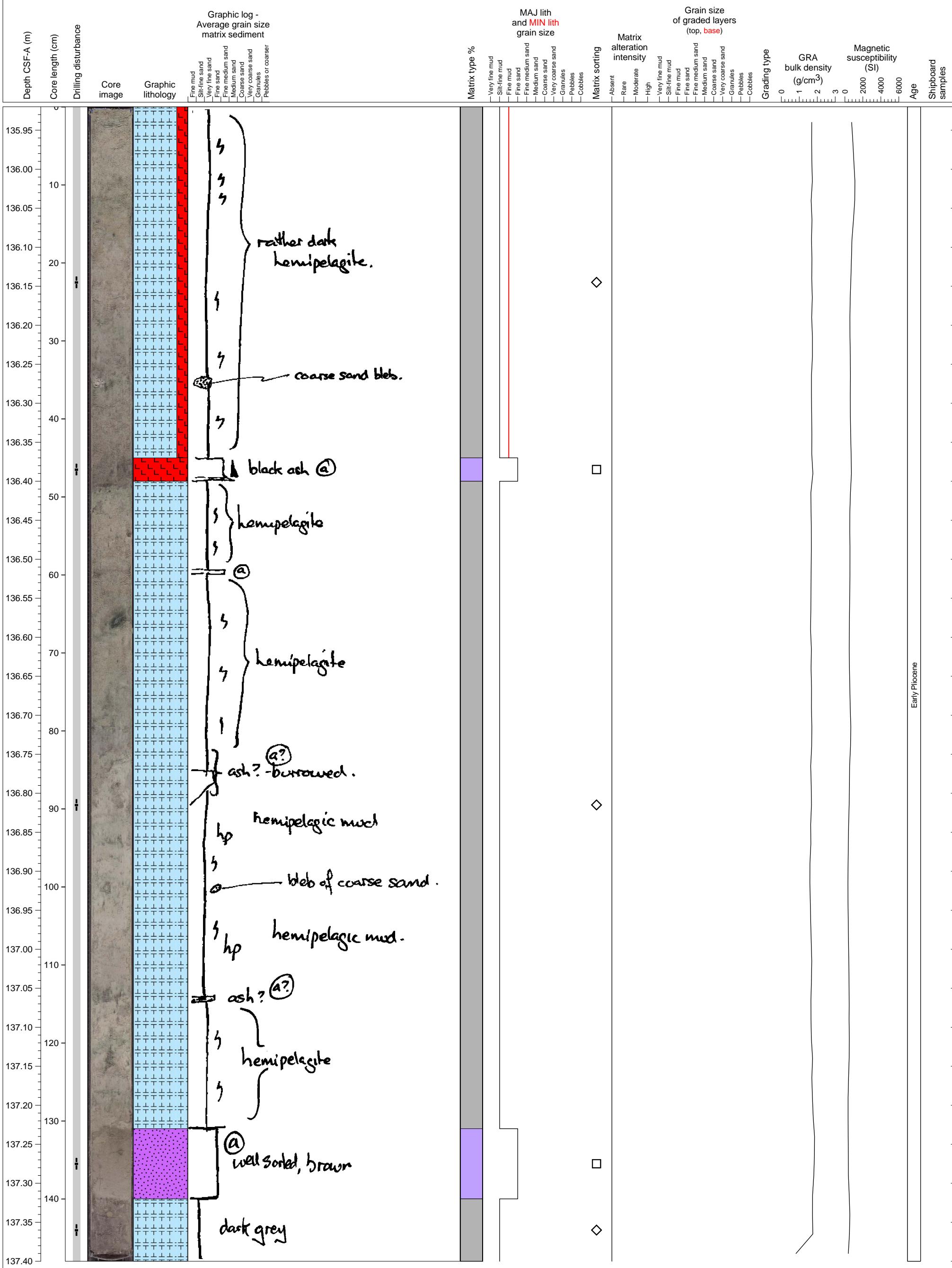
Hemipelagic mud with fall out layers inbetween.



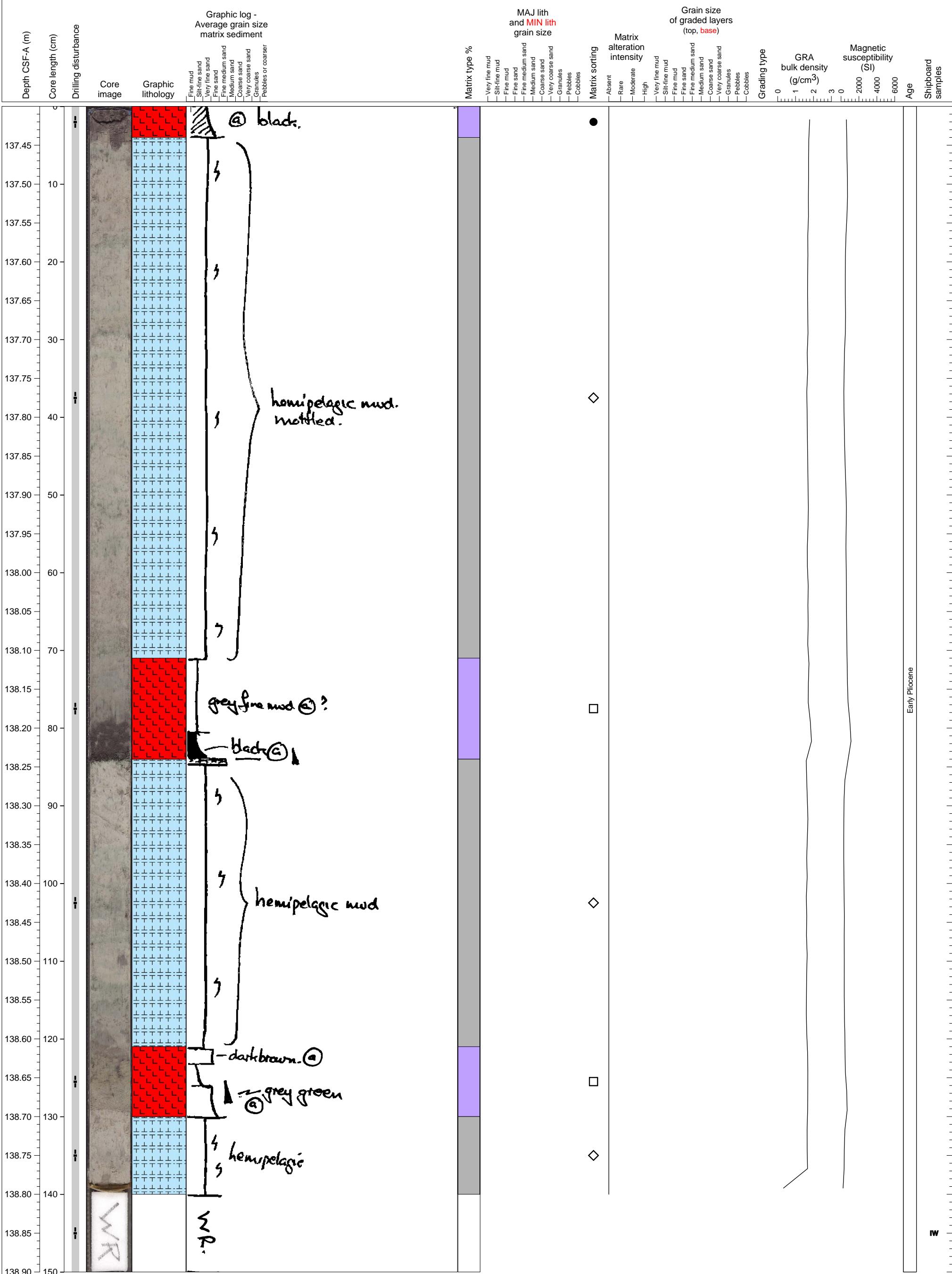
Two silicic tephra layers and two mafic tephra layers. In the upper part of this section, no hemipelagic sediment is present between different types of tephra layers.



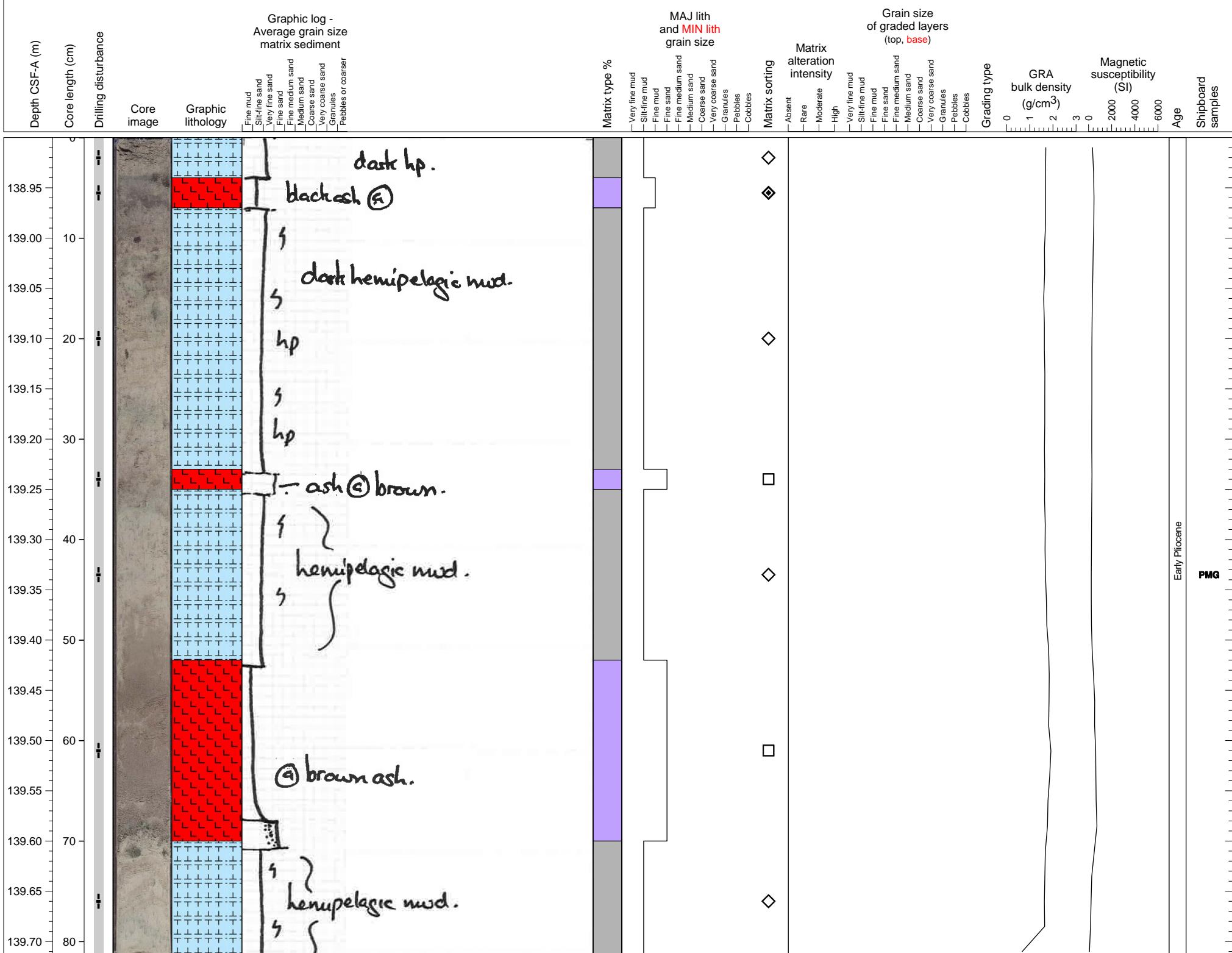
Hemipelagic mud with interbedded ash layers.



Hemipelagic mud with interbedded ash layers.



Hemipelagic mud with interbedded ash layers.



Hemipelagic mud with interbedded ash layers.

