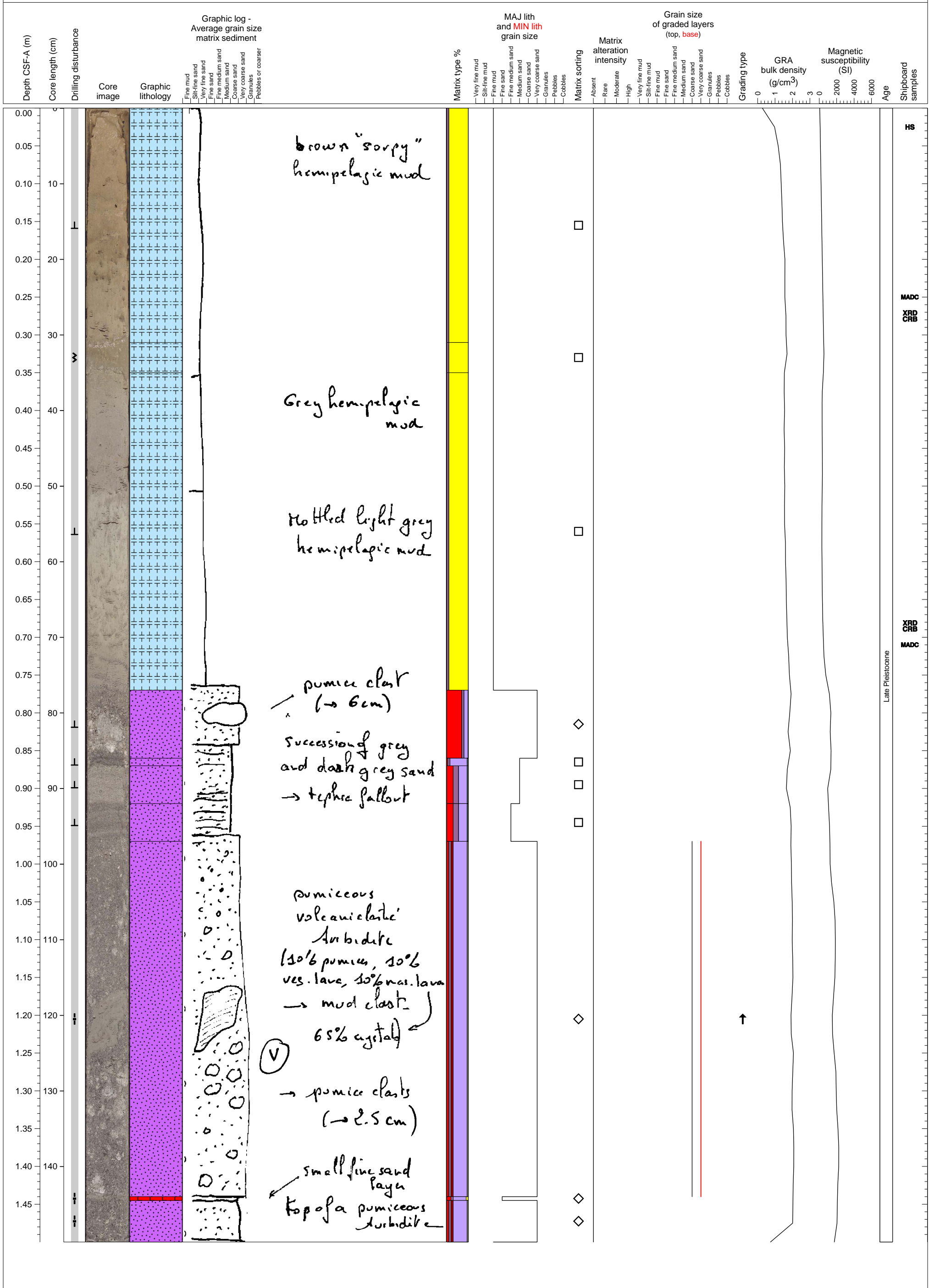
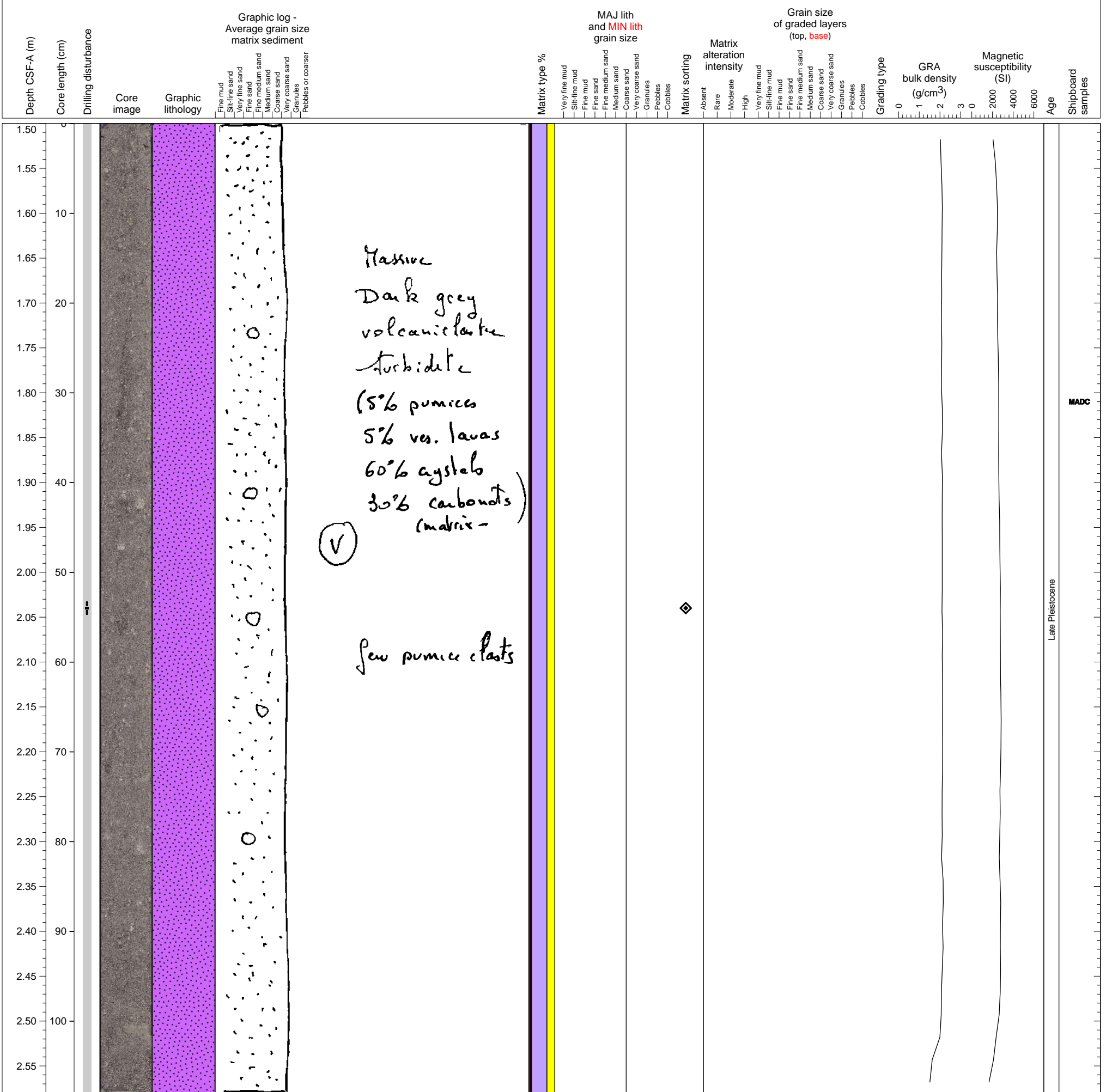


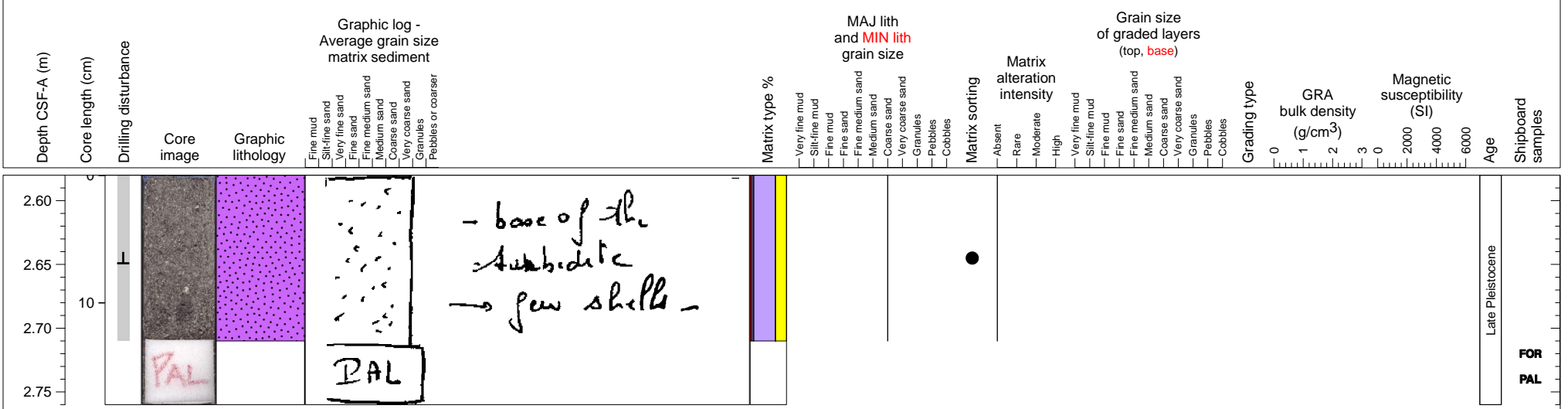
Hemipelagic sediments at top overlying a sequence of coarse tephra and a pumice-rich volcaniclastic turbidite sand.



Massive, part of pumiceous volcanoclastic turbidite



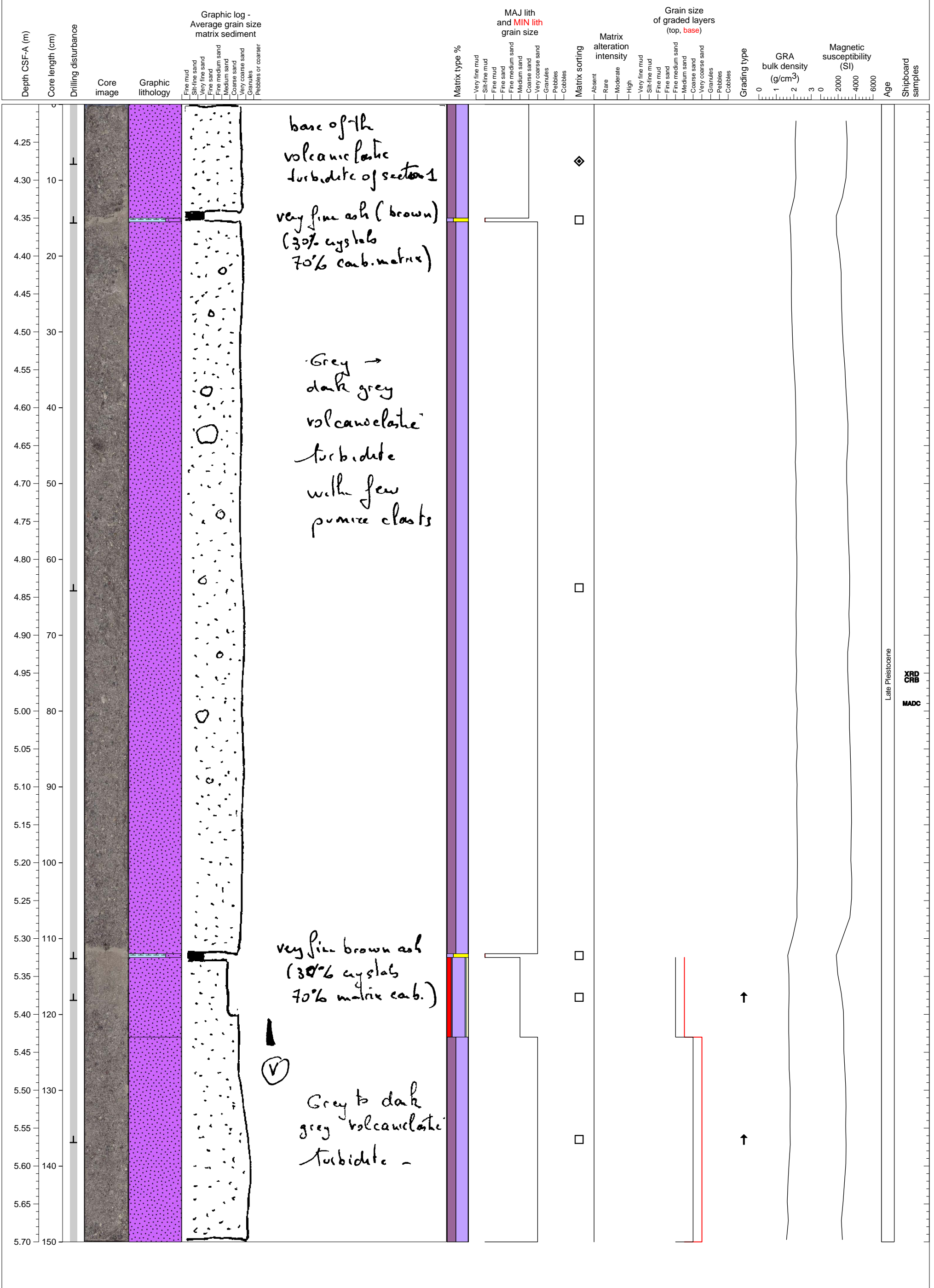
Massive volcanoclastic turbidite continued from 1H2A



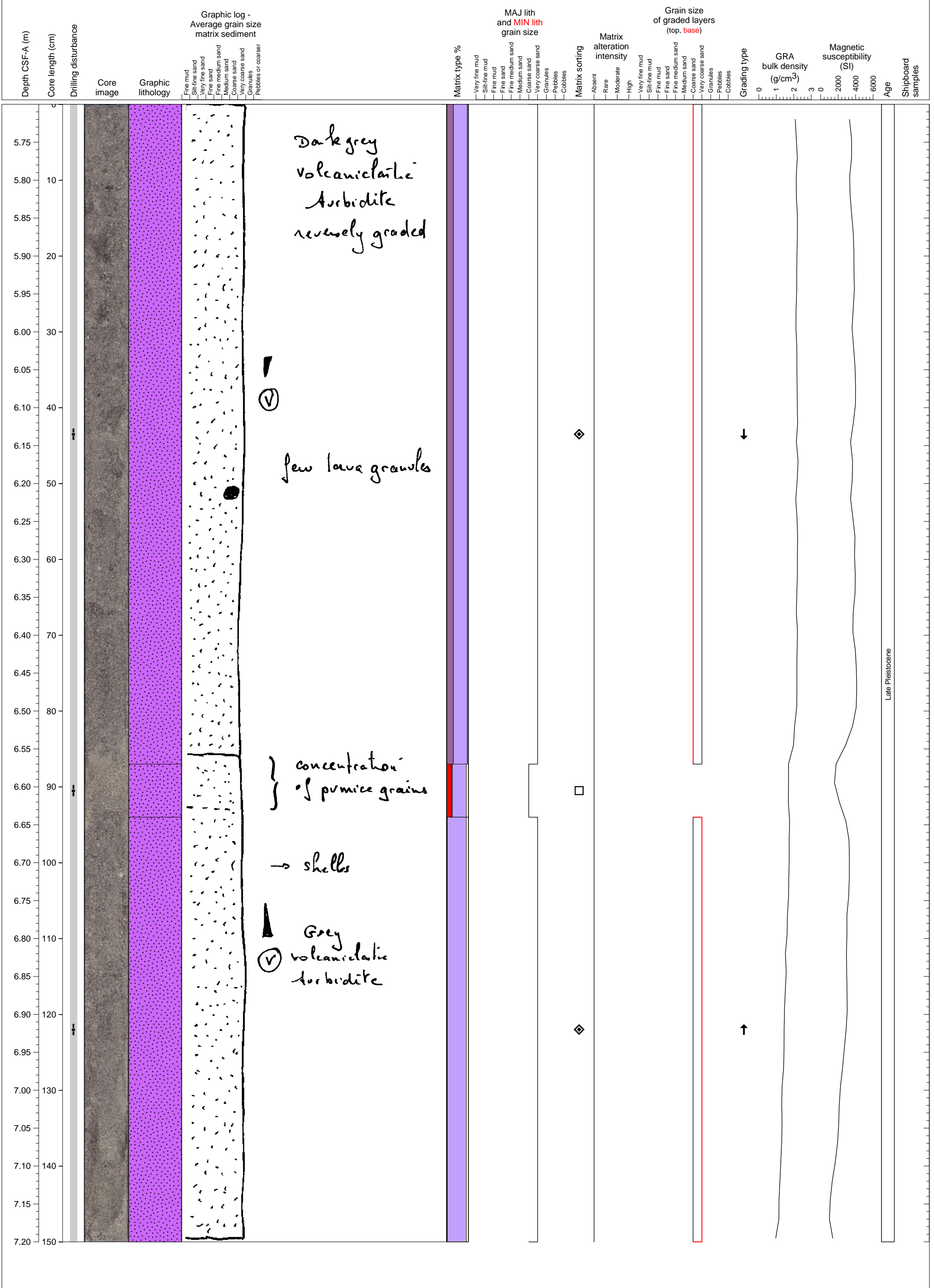
Pumice-bearing volcanoclastic sand (turbidite). Pumice clasts up to 40 mm. Massive.



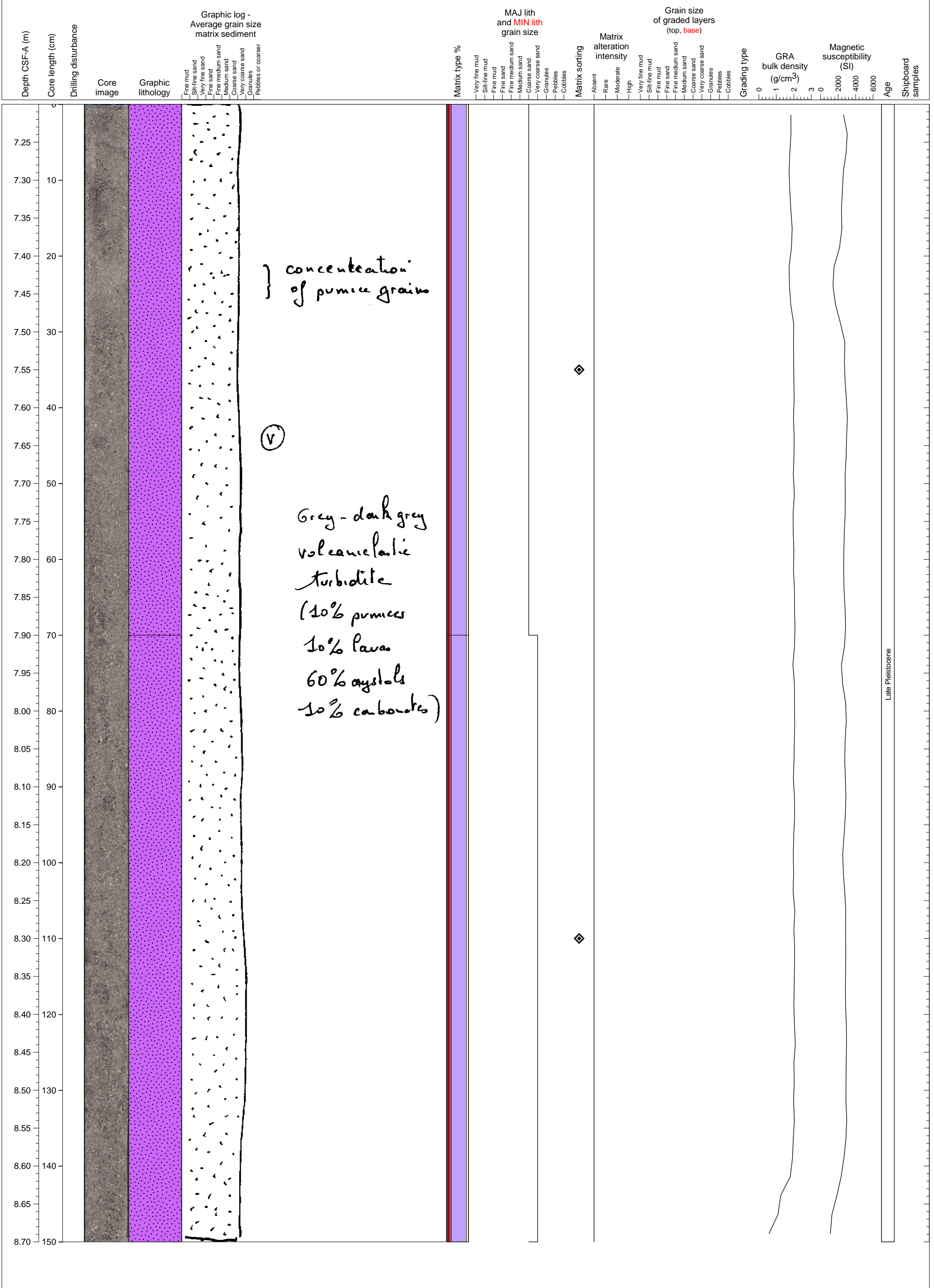
Three units of volcanoclastic turbidites



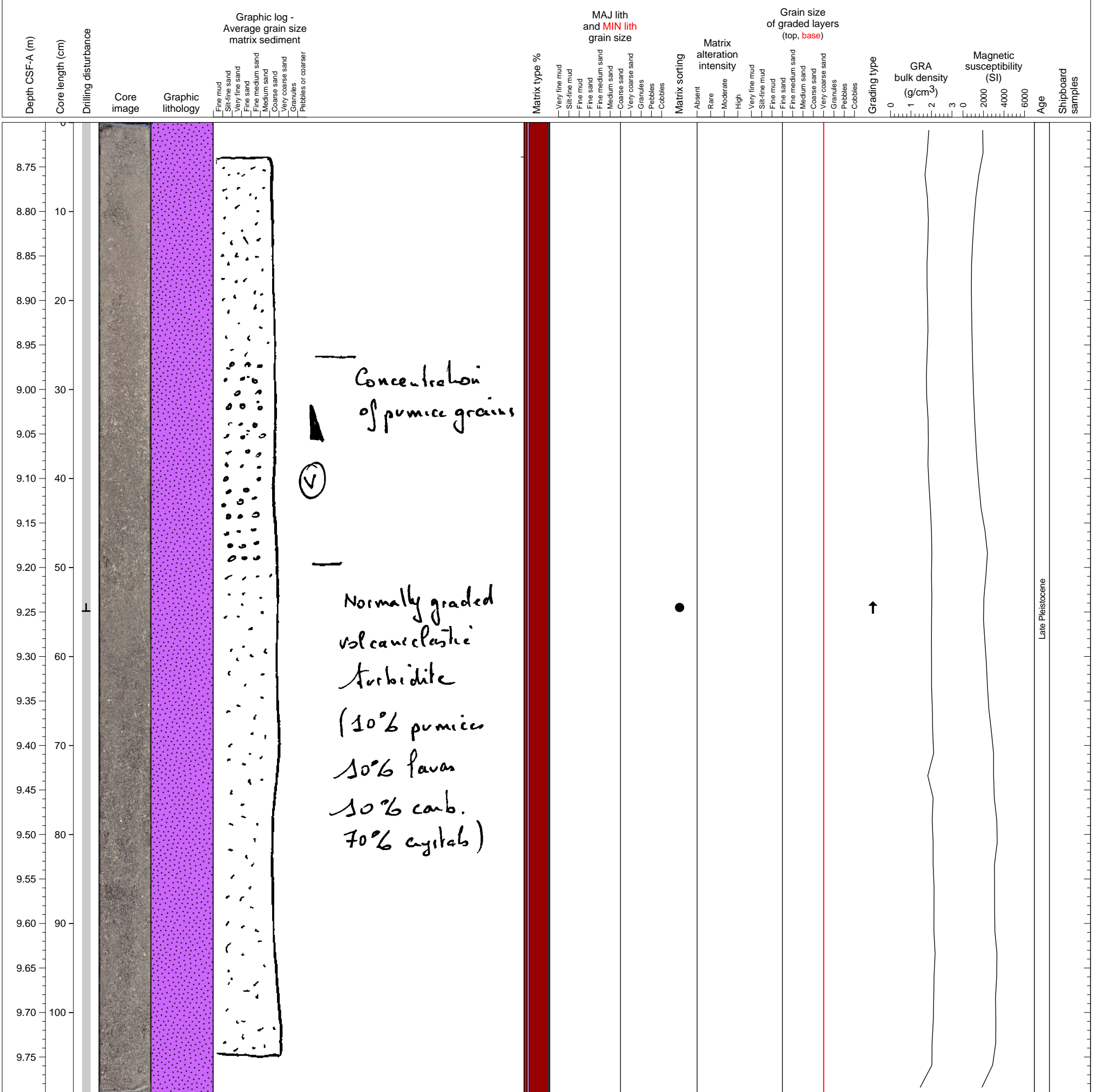
Massive, pumice and crystals rich volcanoclastic turbidite



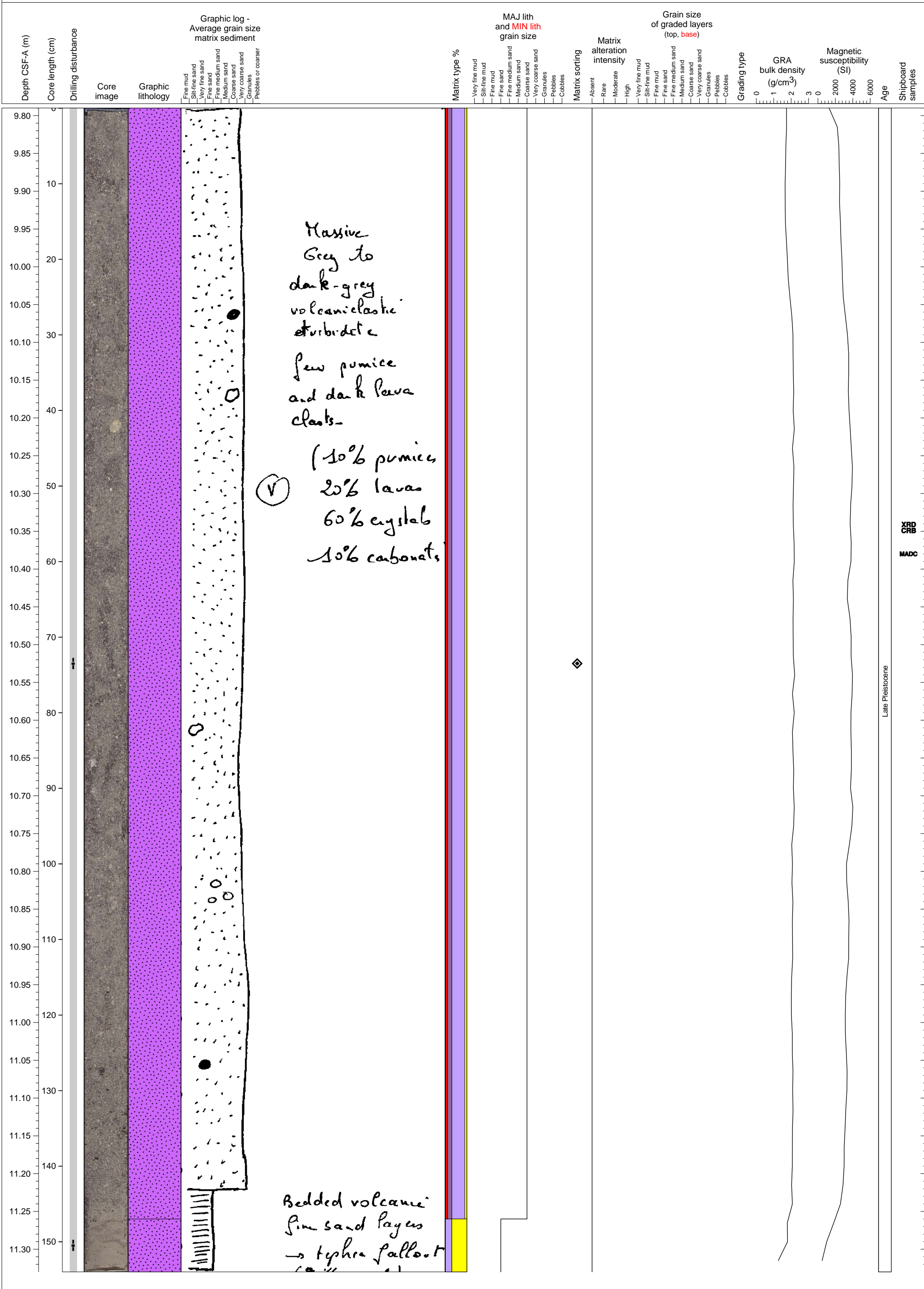
Volcaniclastic turbidite



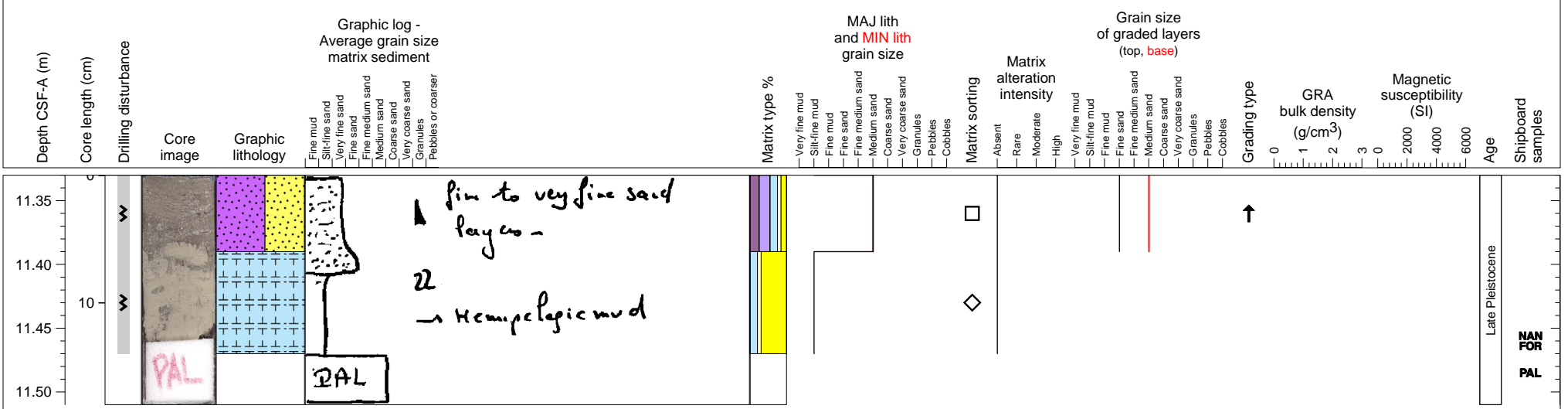
Massive volcanoclastic turbidite



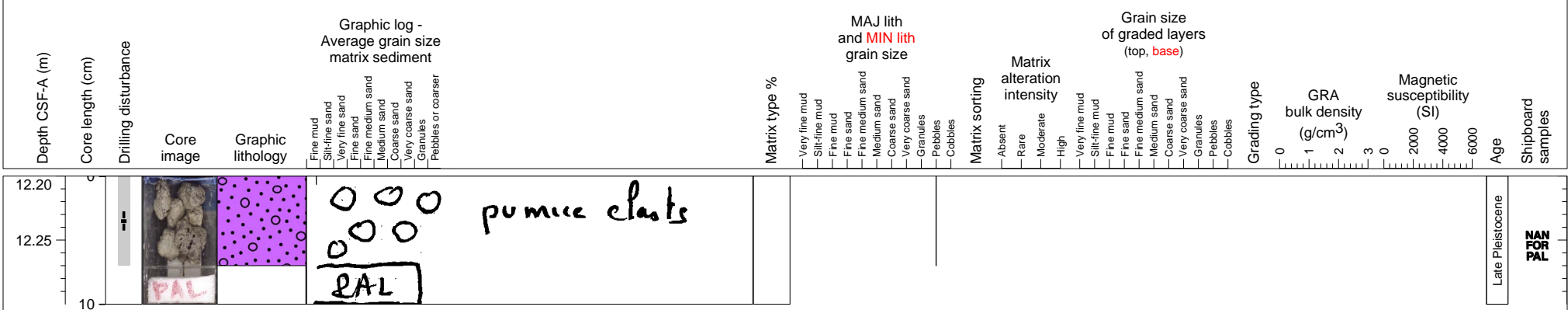
Thick volcanoclastic turbidite with some pumice clasts overlying a thin sandy, bedded unit comprising multiple tephra layers.



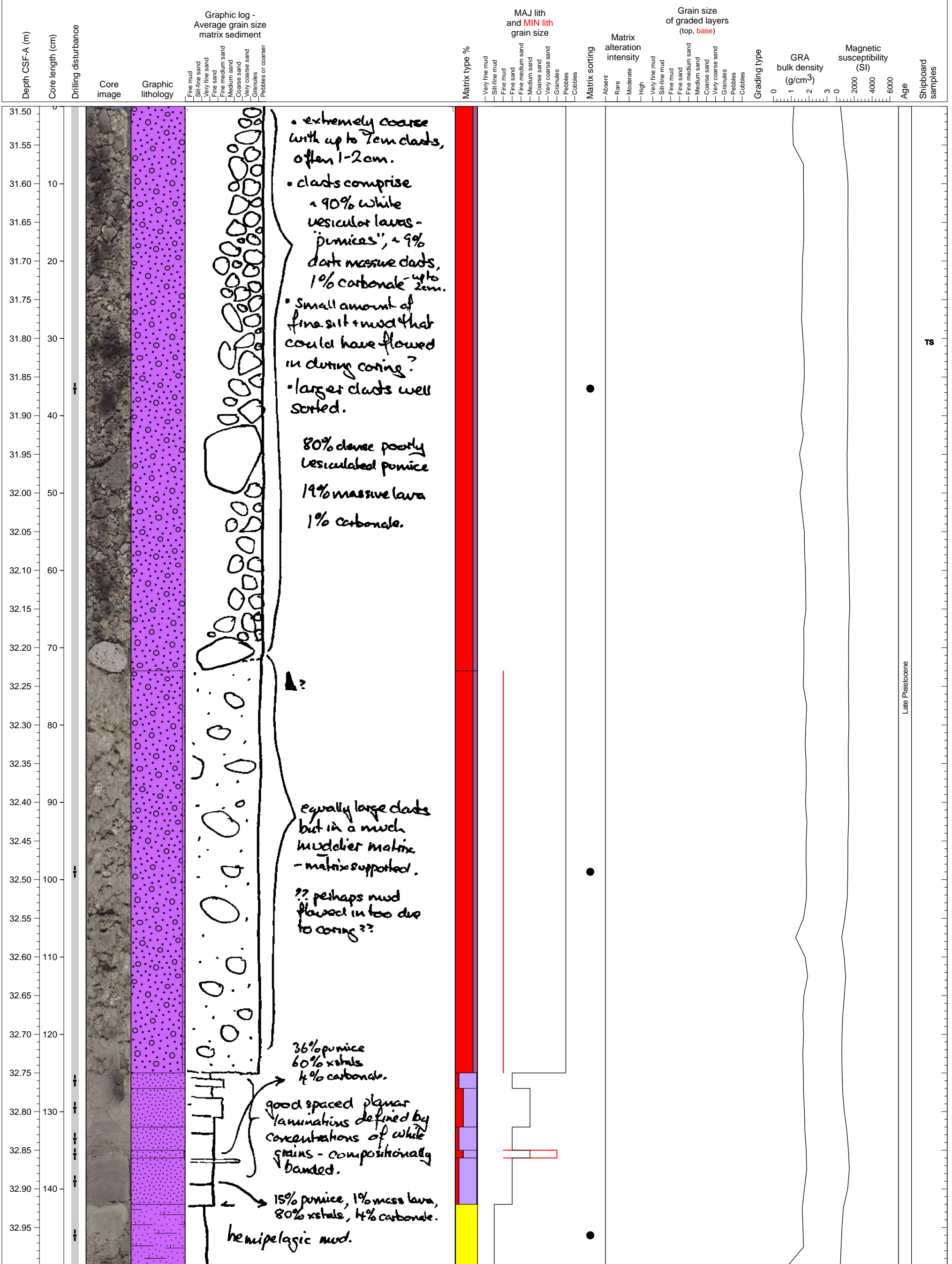
Mixed turbidite of volcanoclastic and bioclastic materials and hemipelagic sediment



Pumice clast trapped in core catcher.



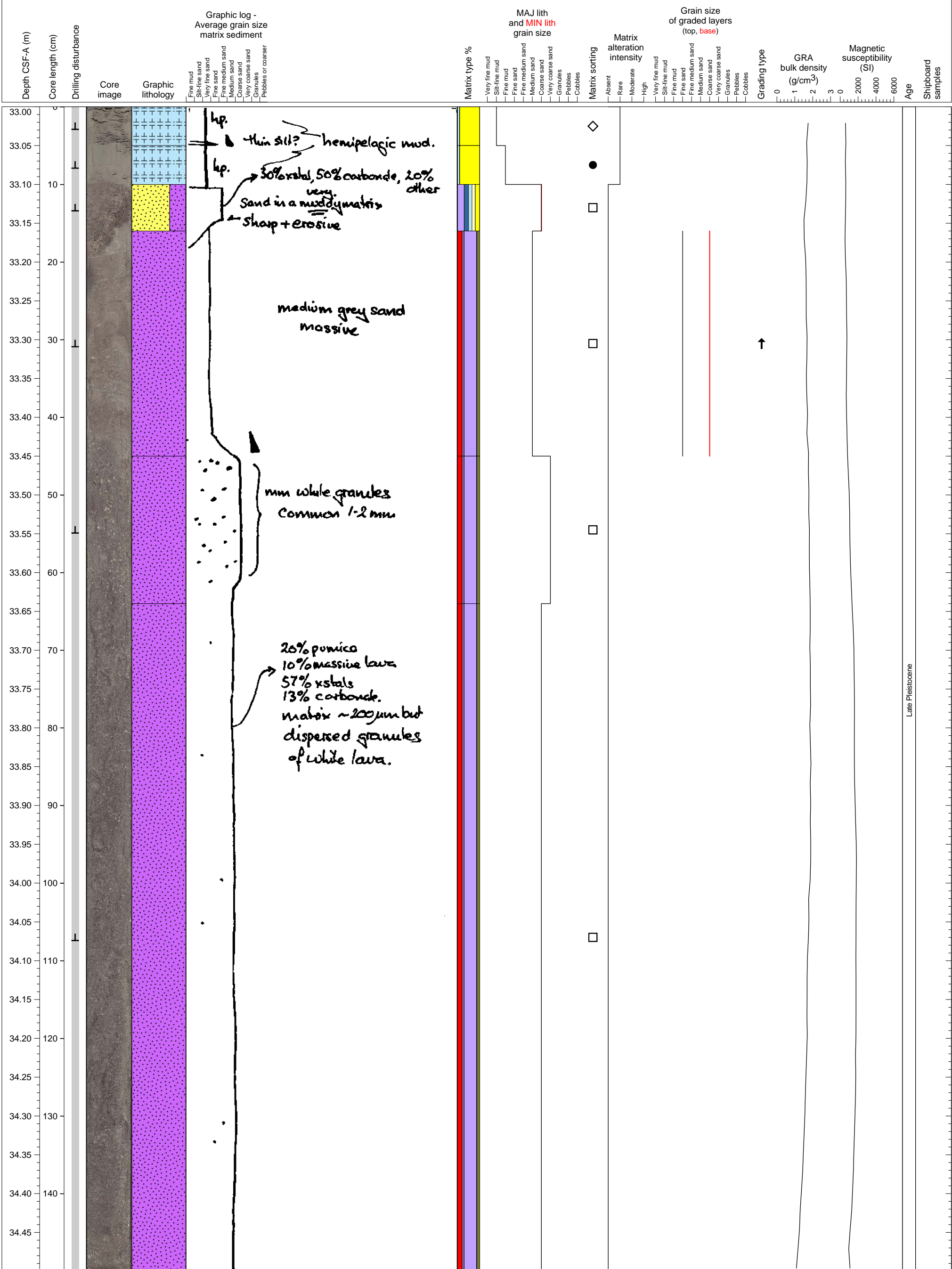
Massive pumiceous clast-supported deposits underlying sandy laminated turbidite.



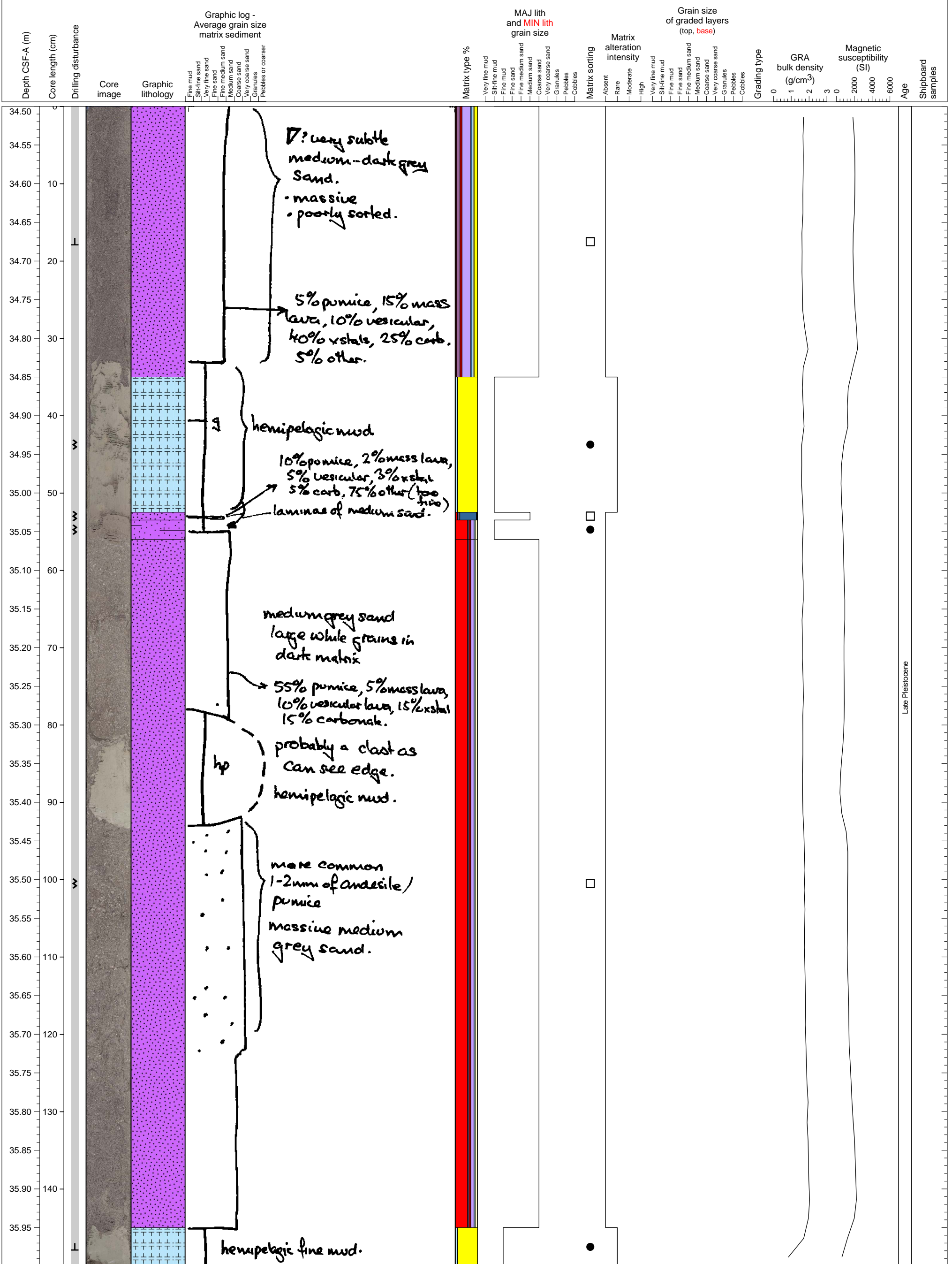
Late Pleistocene

TS

Upper part of pumiceous turbidite. In the middle part, there is a portion of pumice concentration.

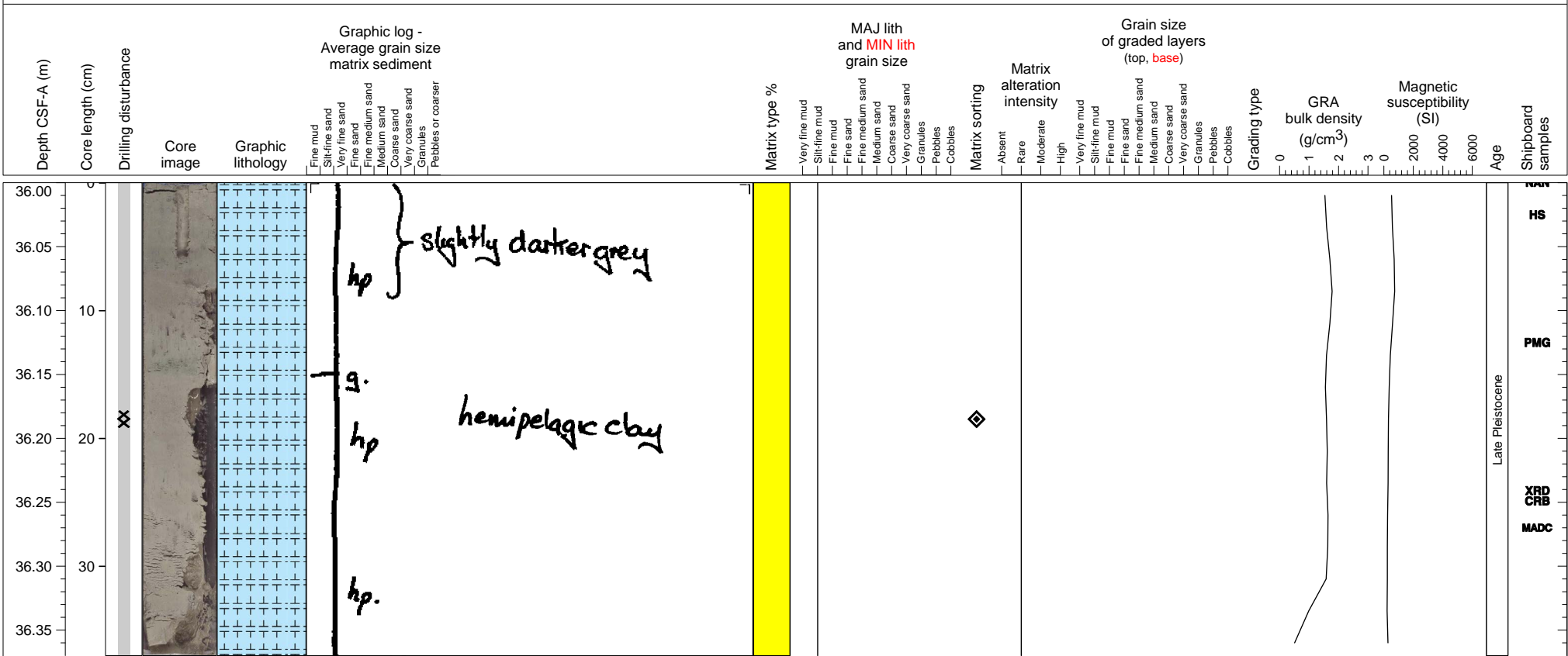


Pumiceous volcanoclastic turbidites intercalating hemipelagic sediment and a potential tephra layer.

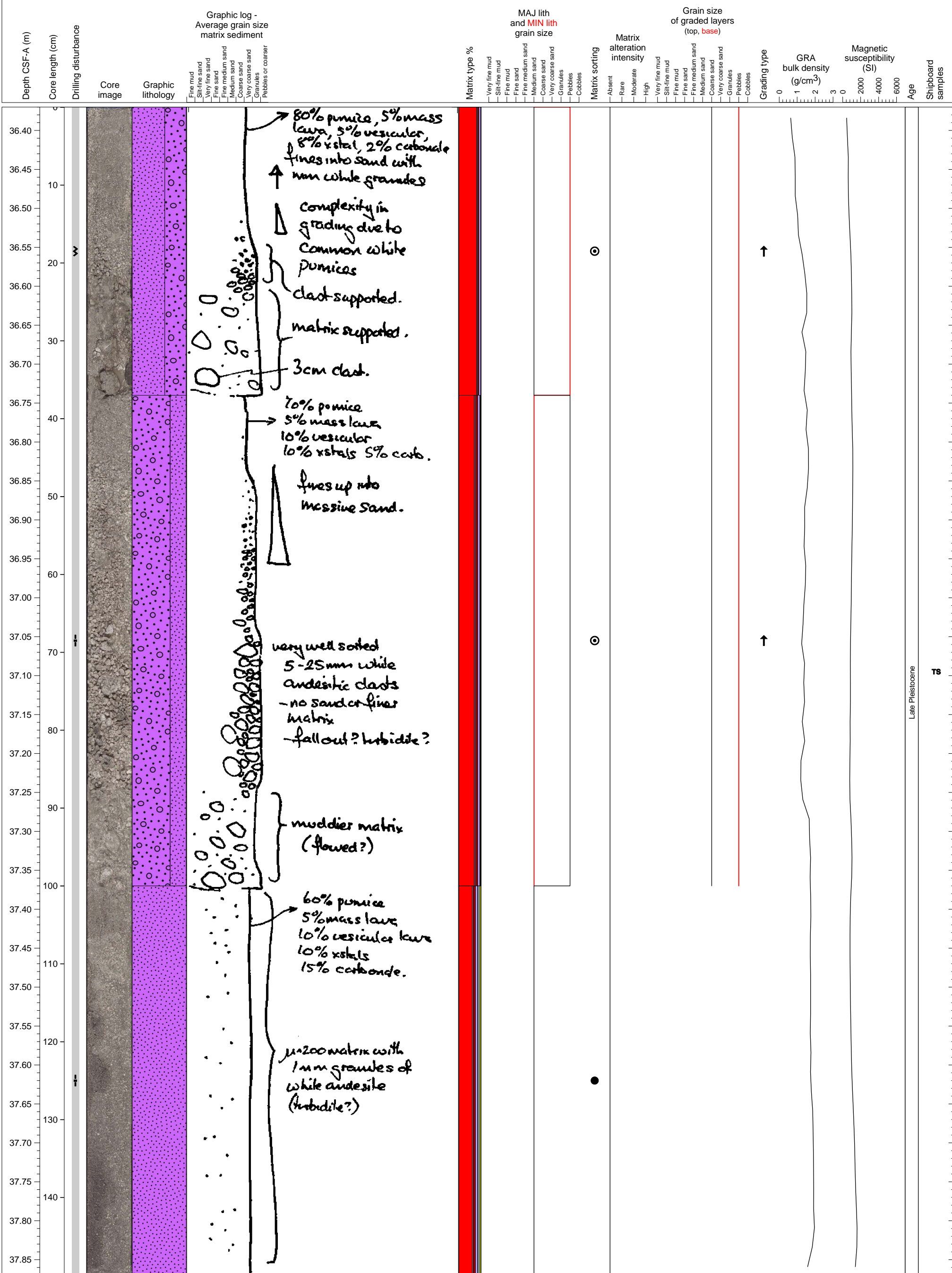


Late Pleistocene

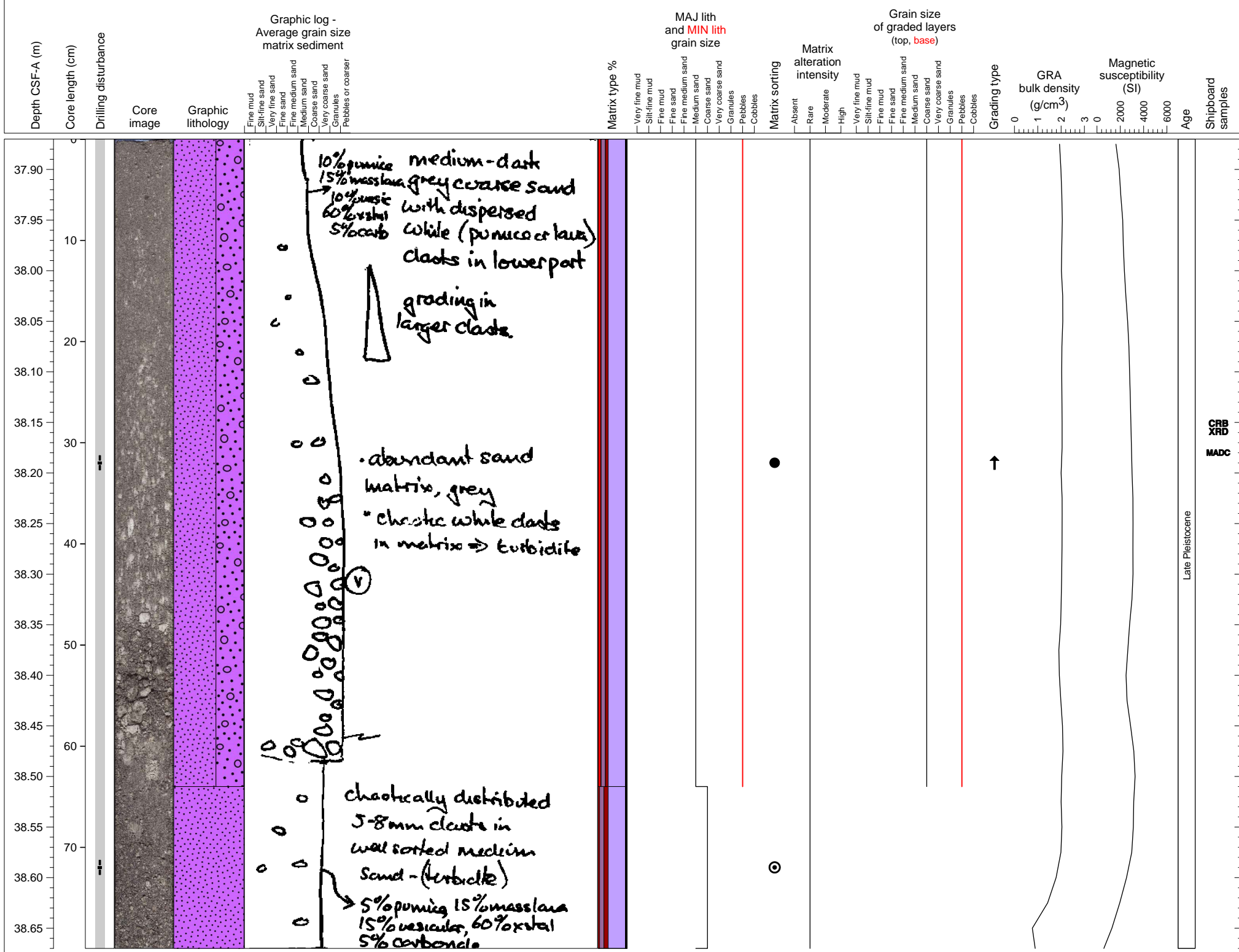
Hemipelagic clay with moderate bioturbation.



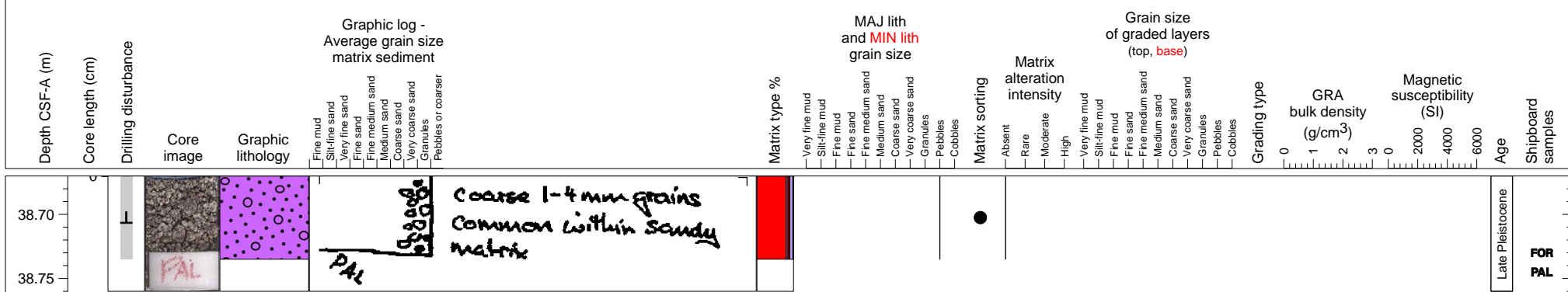
Two normally graded volcanoclastic sand/gravel deposits. The normal grading is present in the abundant pumice clasts. Base of unit is a massive volcanoclastic sand deposit with pumice granules.



Normally graded volcaniclastic sand with pumice clasts displaying the normal gradation overlying a massive volcaniclastic sand unit.

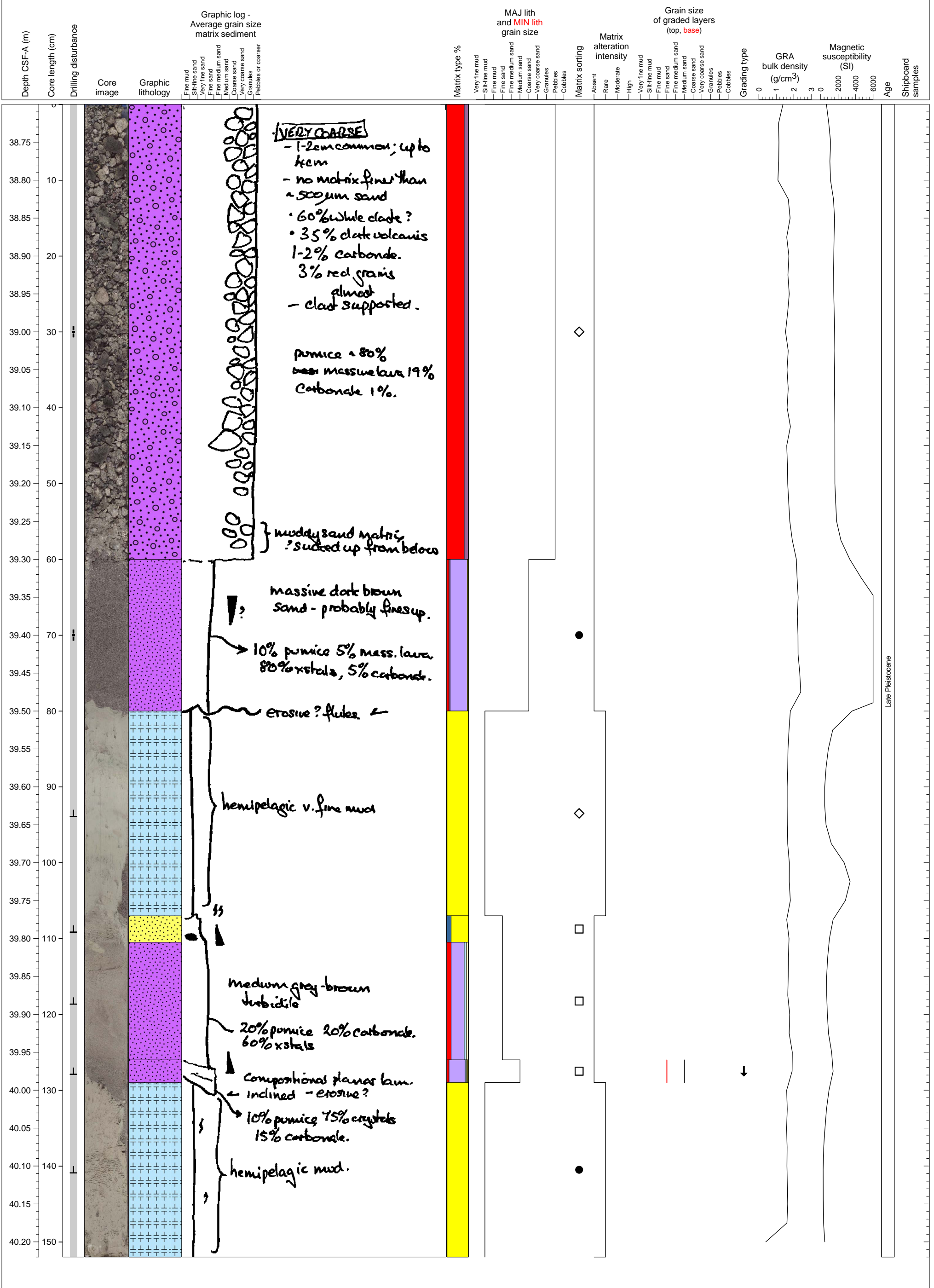


Volcaniclastic gravel composed of pumice clasts. PAL sample from base.

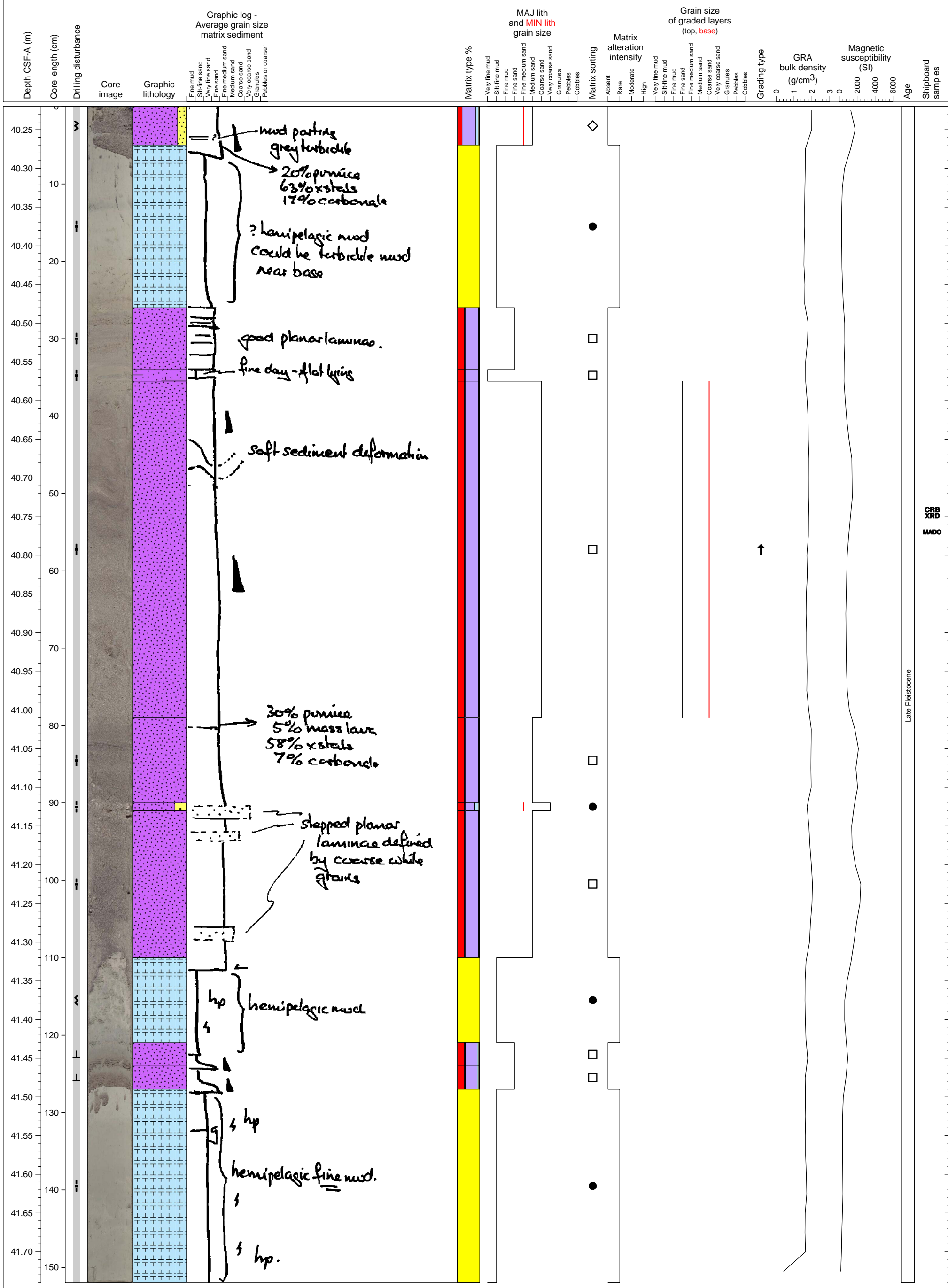


Late Pleistocene
FOR PAL

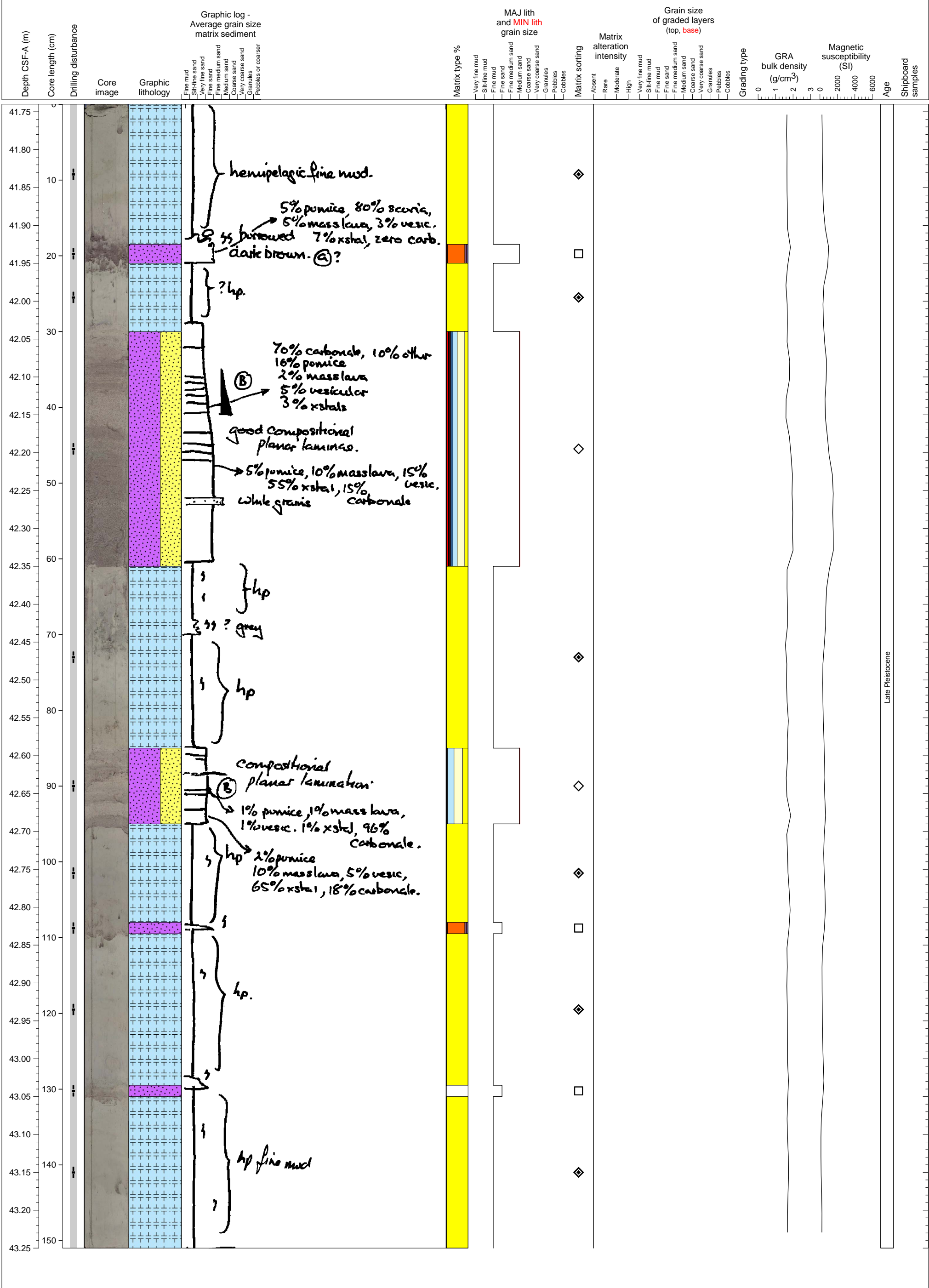
Massive pebble-sized pumiceous unit underlying sand layer at the top, and sandy turbidite intercalating hemipelagic calays.



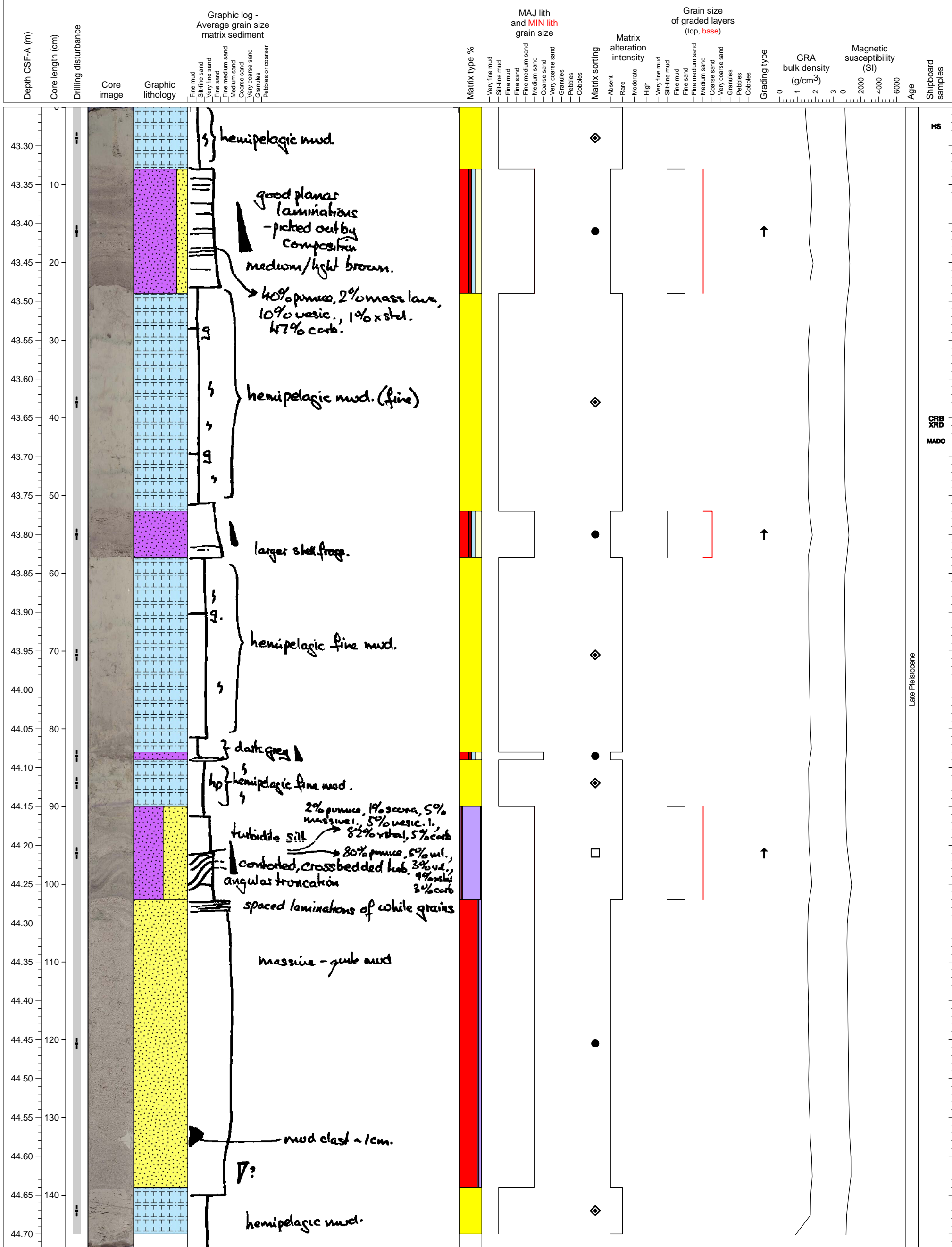
Basal part of turbidite at the top, successive multiple tephra or turbidites at the middle and two thin turbidites at bottom, interlayering hemipelagic clays.



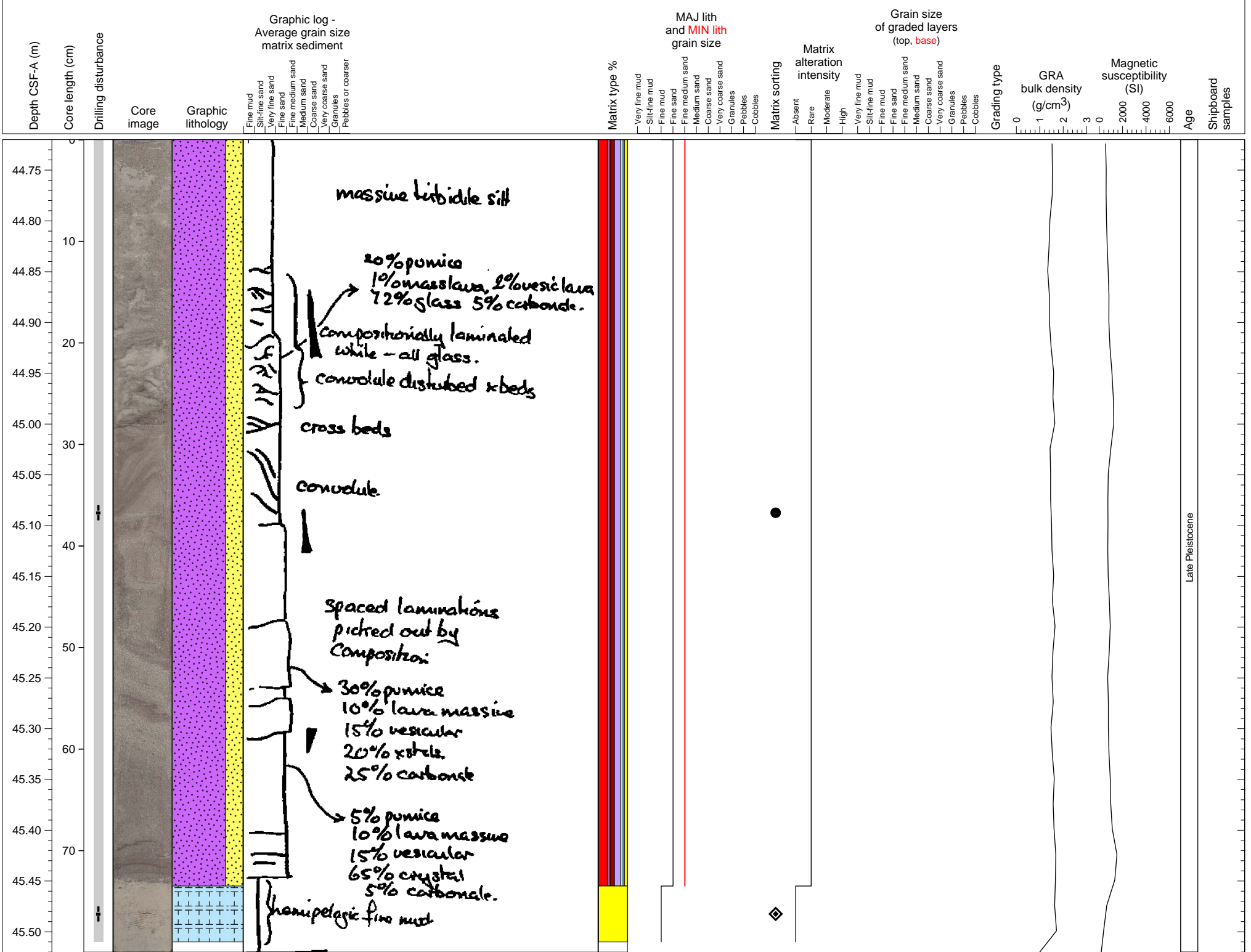
Hemipelagic clay interlayered with volcanoclastic sand. Two of the volcanoclastic layers are mixed with bioclastic sand. Several tephra beds are found throughout the sample.



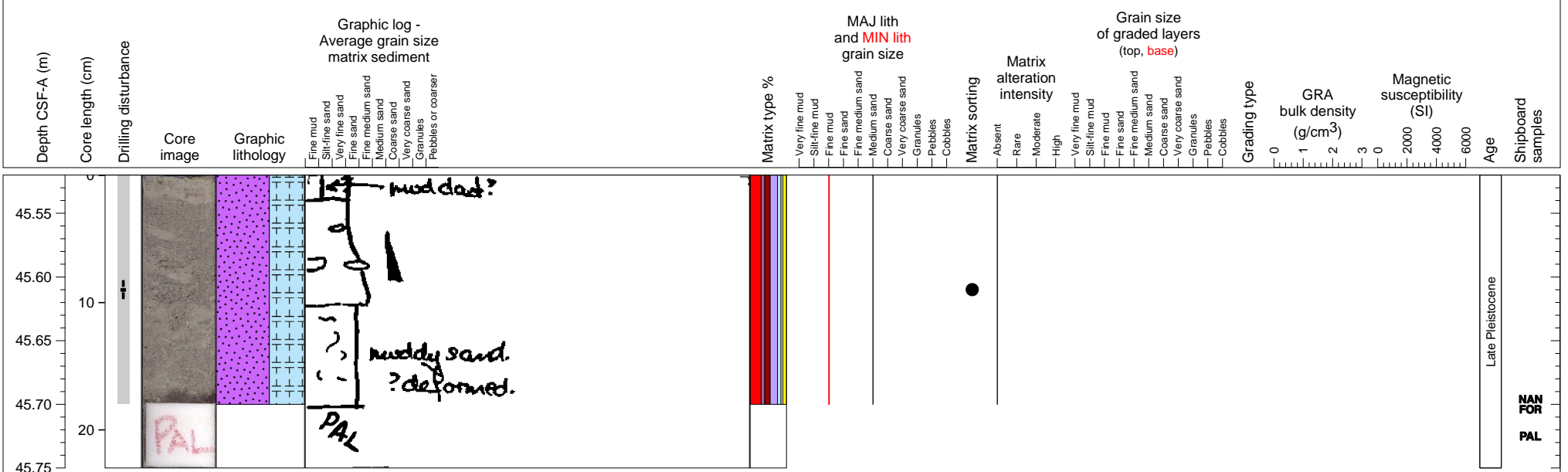
Interbedded hemipelagic mud and turbidites



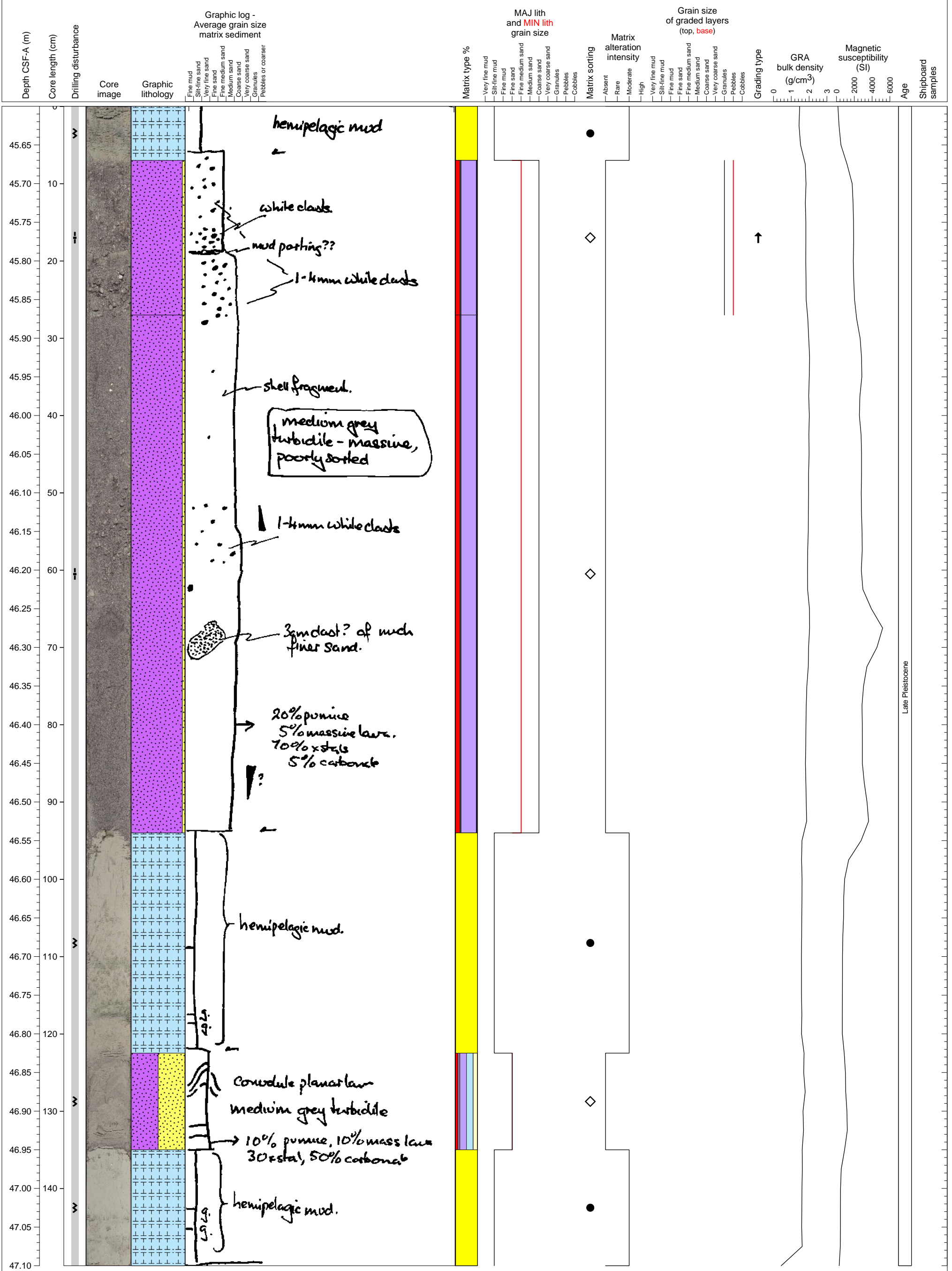
Mixed volcanoclastic/bioclastic sand layer containing a diffuse ash layer from 21-28cm. Base of section is hemipelagic clay.



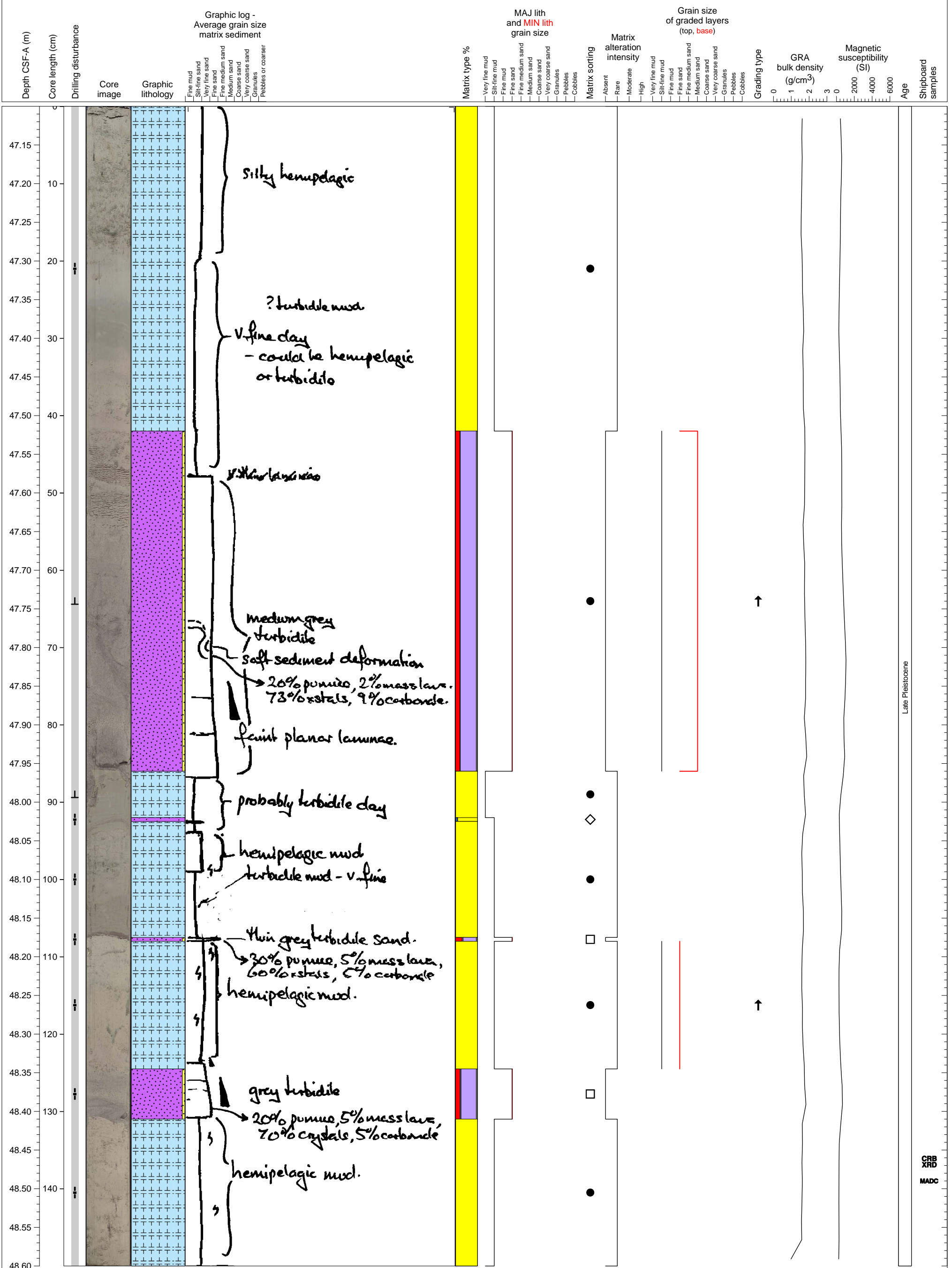
Volcaniclastic sand intercalated with hemipelagic clay. The clay may be clasts not actual layers.



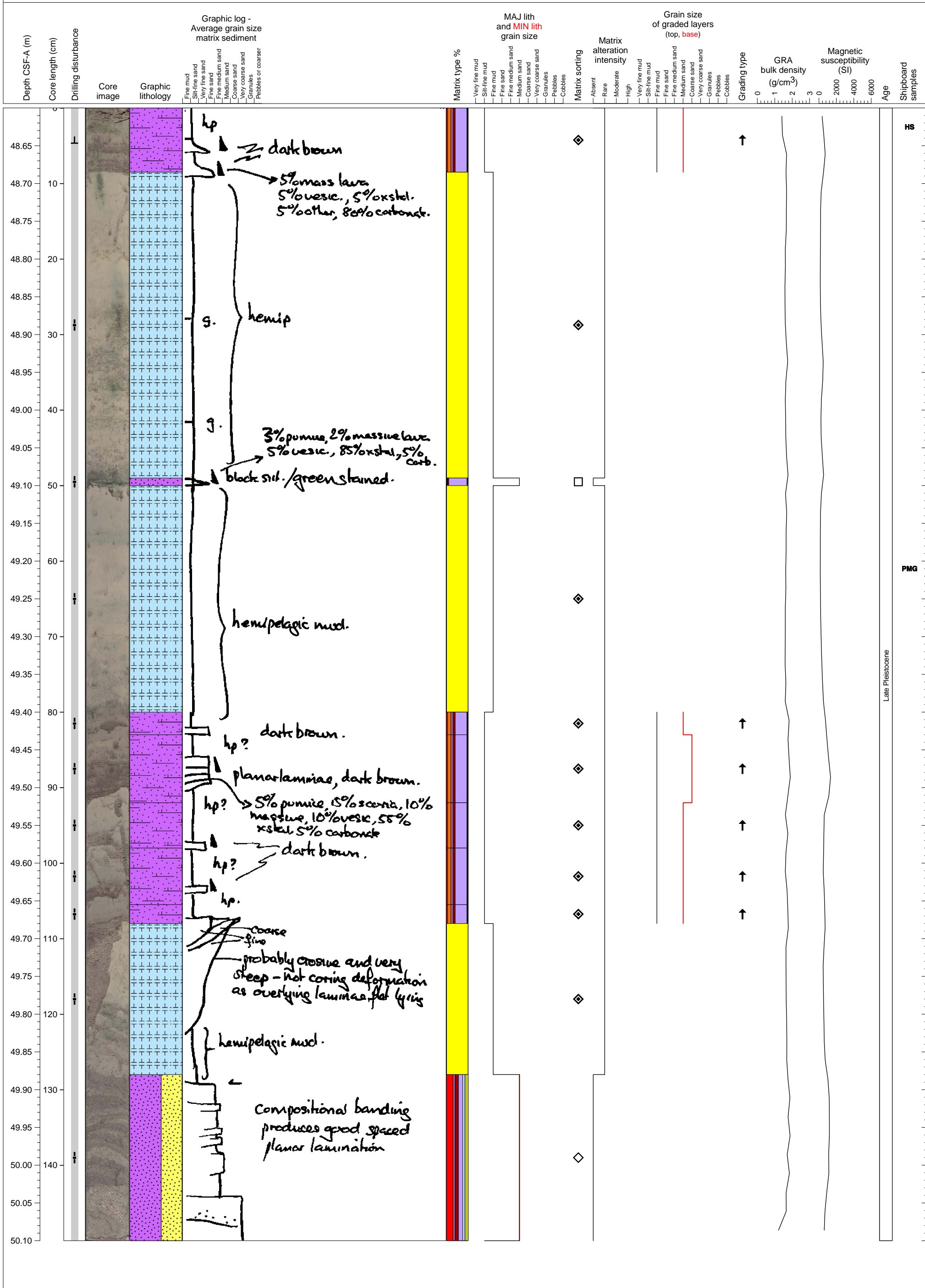
Volcaniclastic/bioclastic turbidites interlayered with hemipelagic clay.



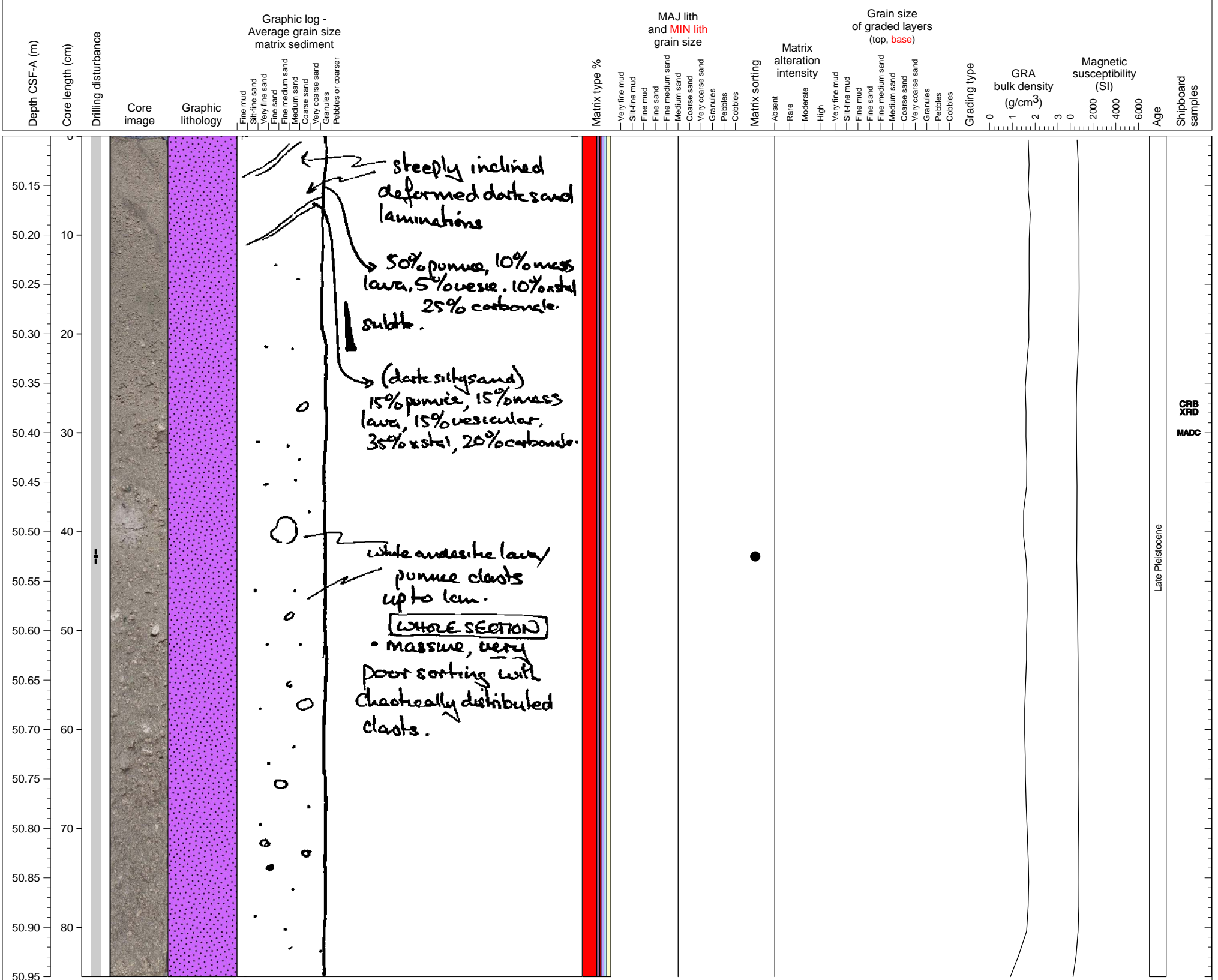
At least three volcanic/bioclastic turbidites



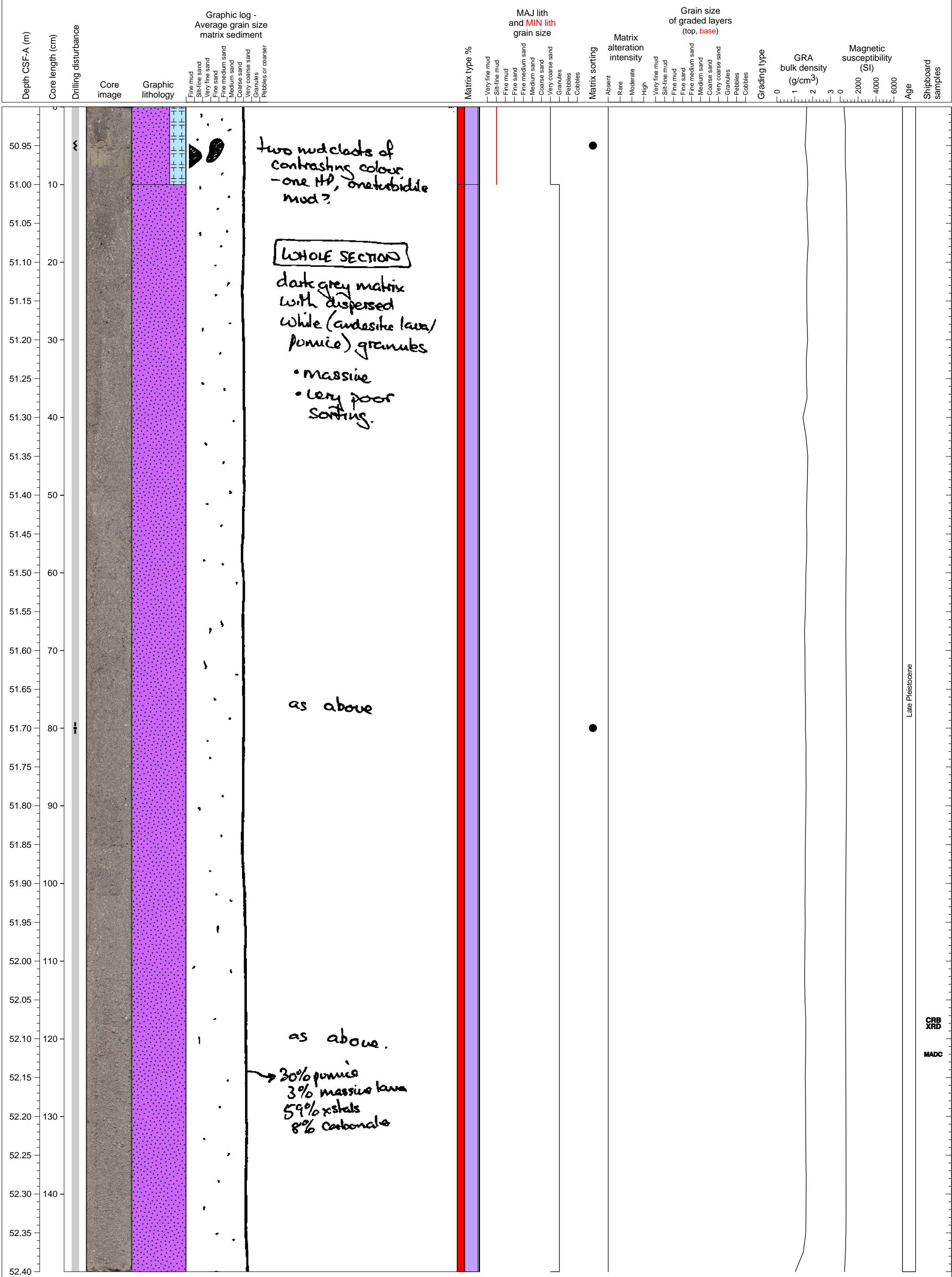
Series of normally graded volcanoclastic units interlayered with hemipelagic clay. Base is a mixed volcanoclastic/bioclastic sand.



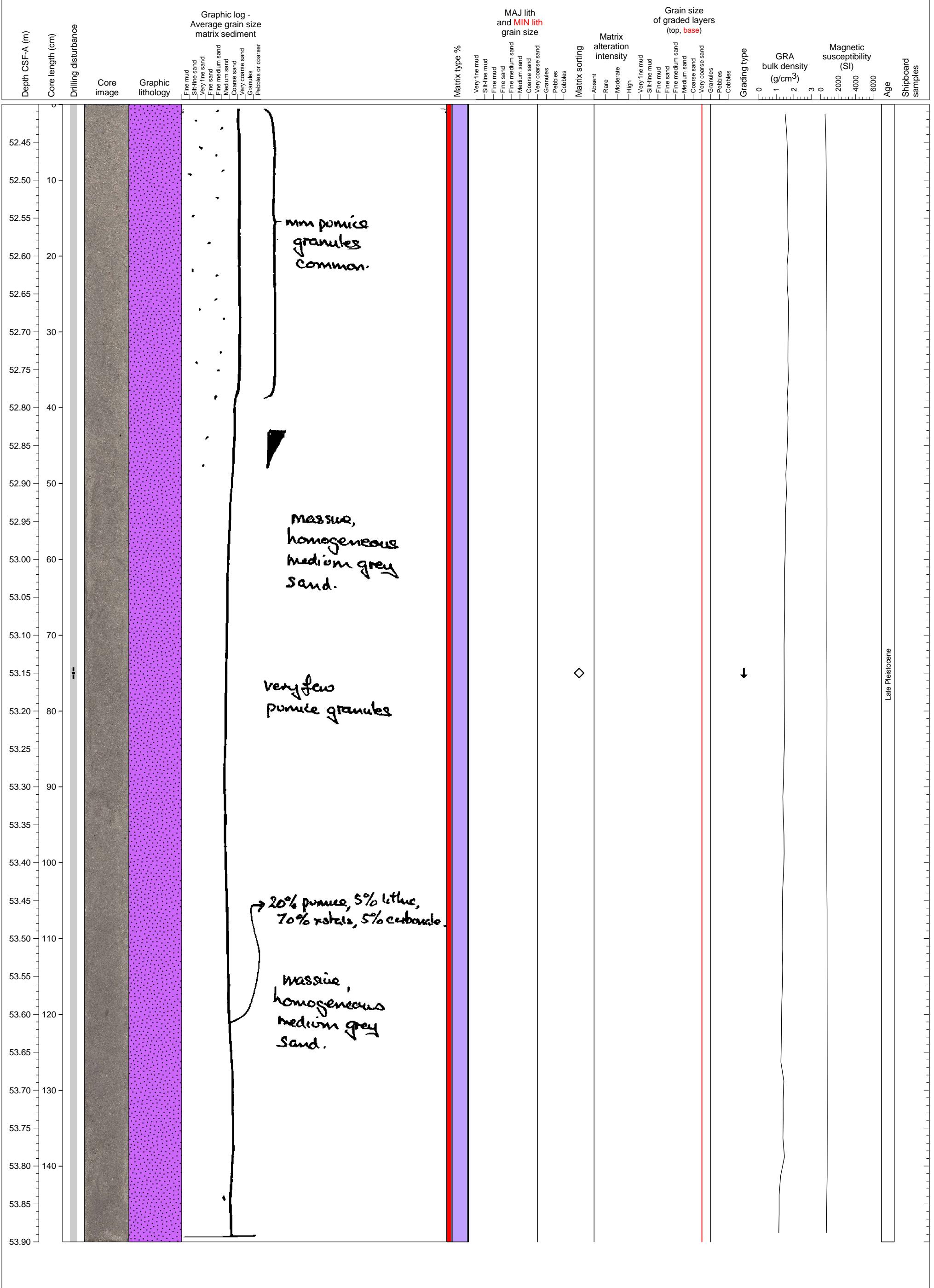
Volcaniclastic sand with abundant pumice clasts.



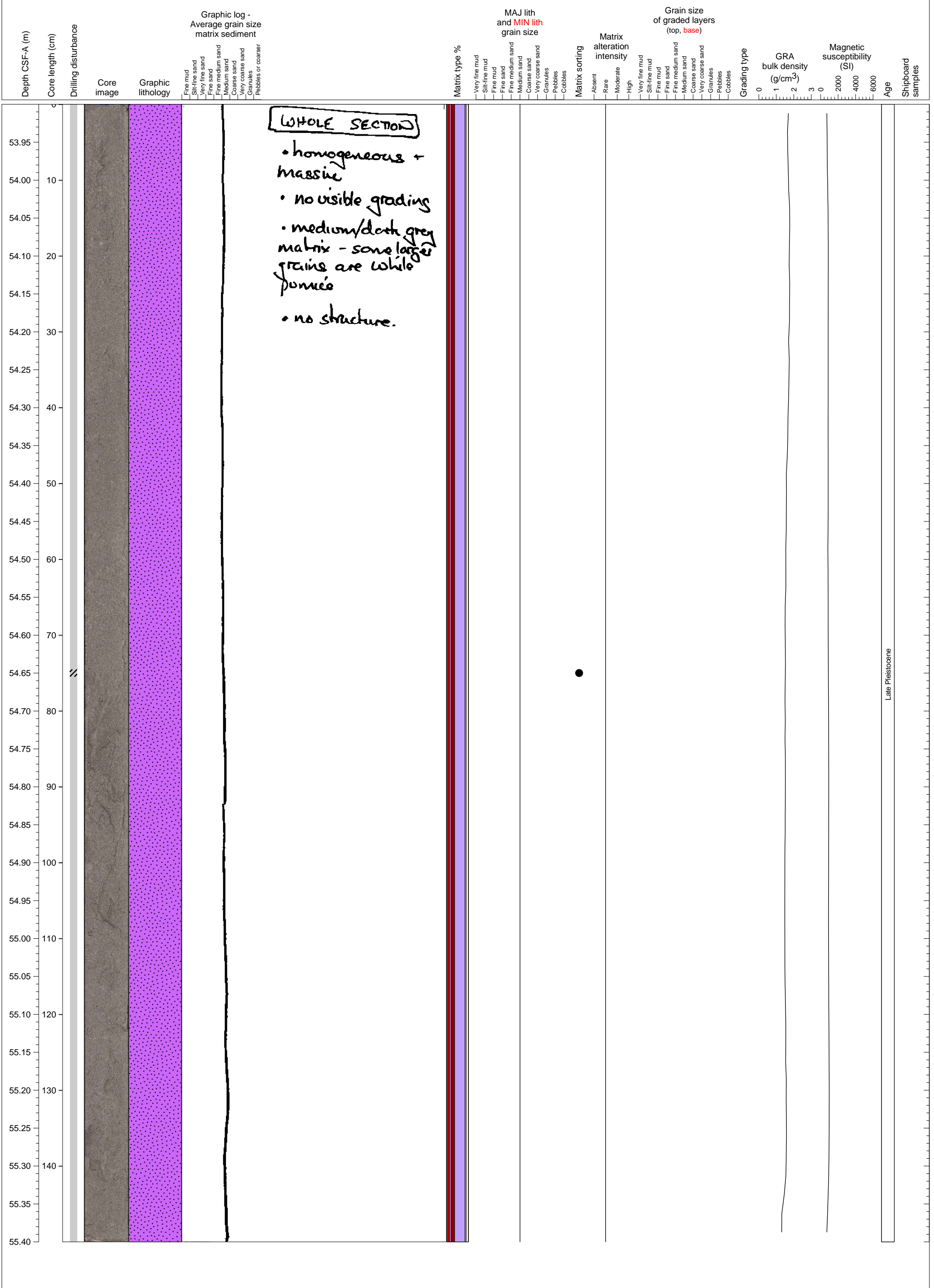
Massive pumiceous volcaniclastic sand/granule



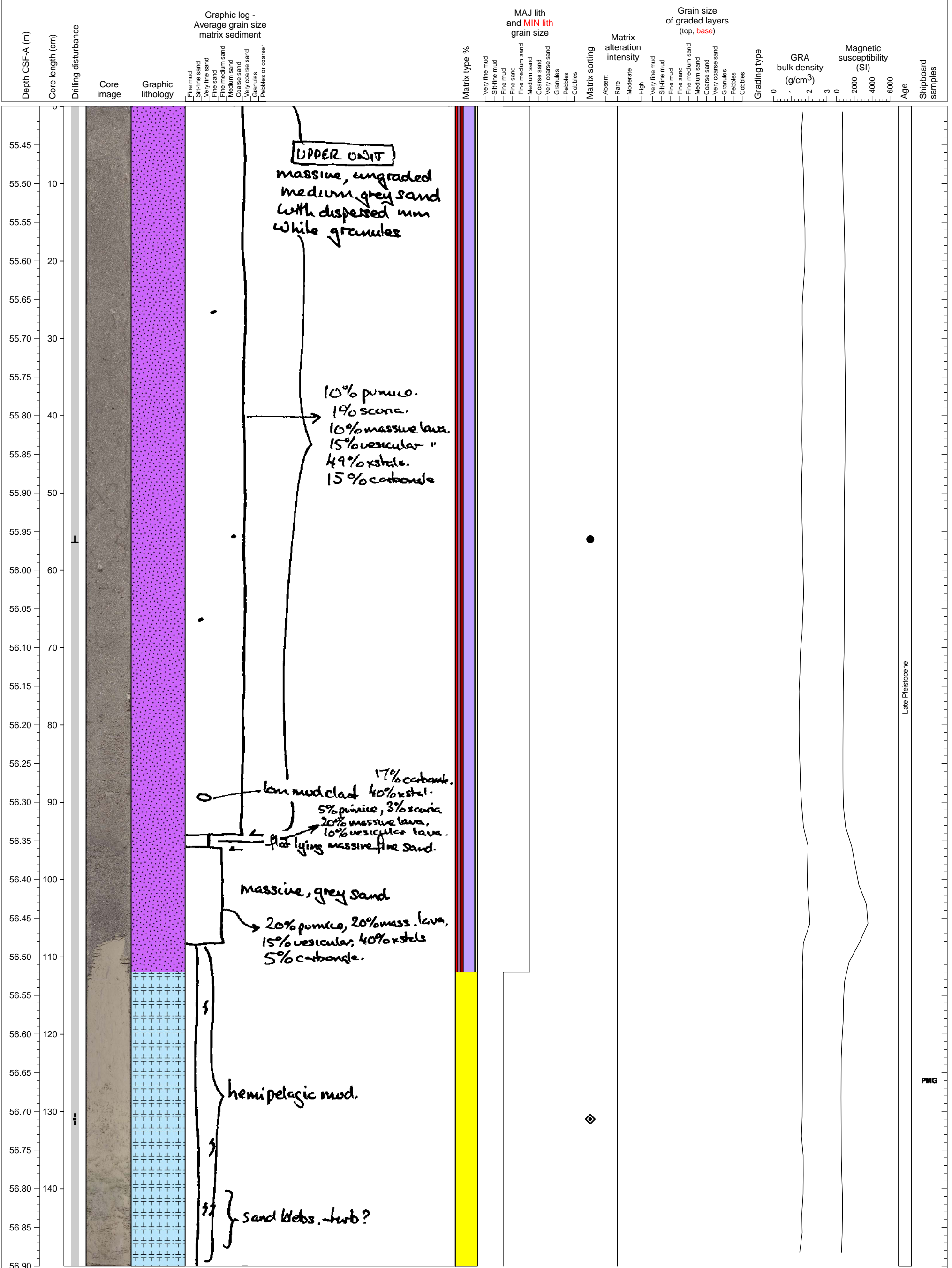
A part of massive pumiceous turbidite



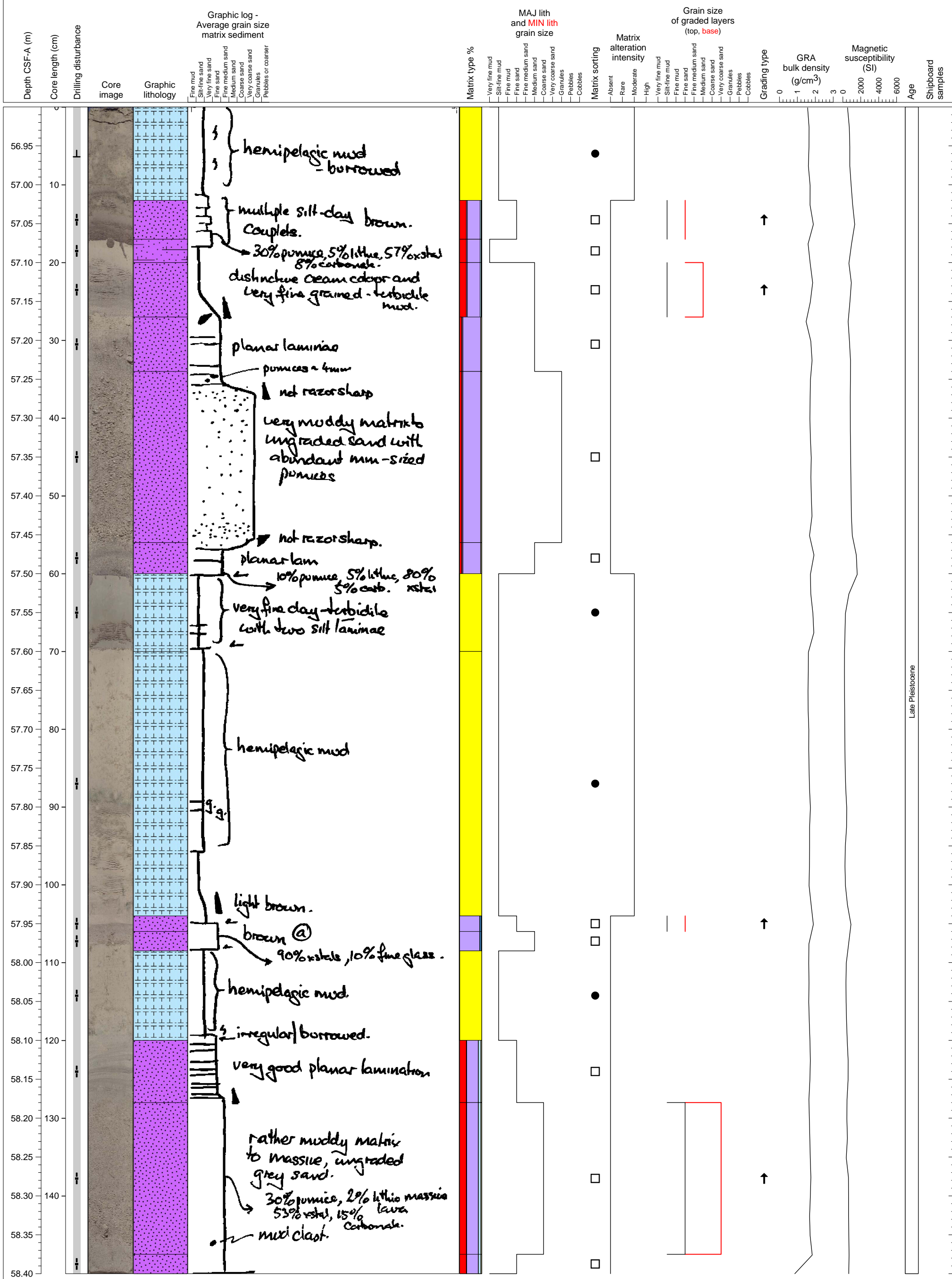
Volcaniclastic sand.



Volcaniclastic sand unit overlying hemipelagic clay.

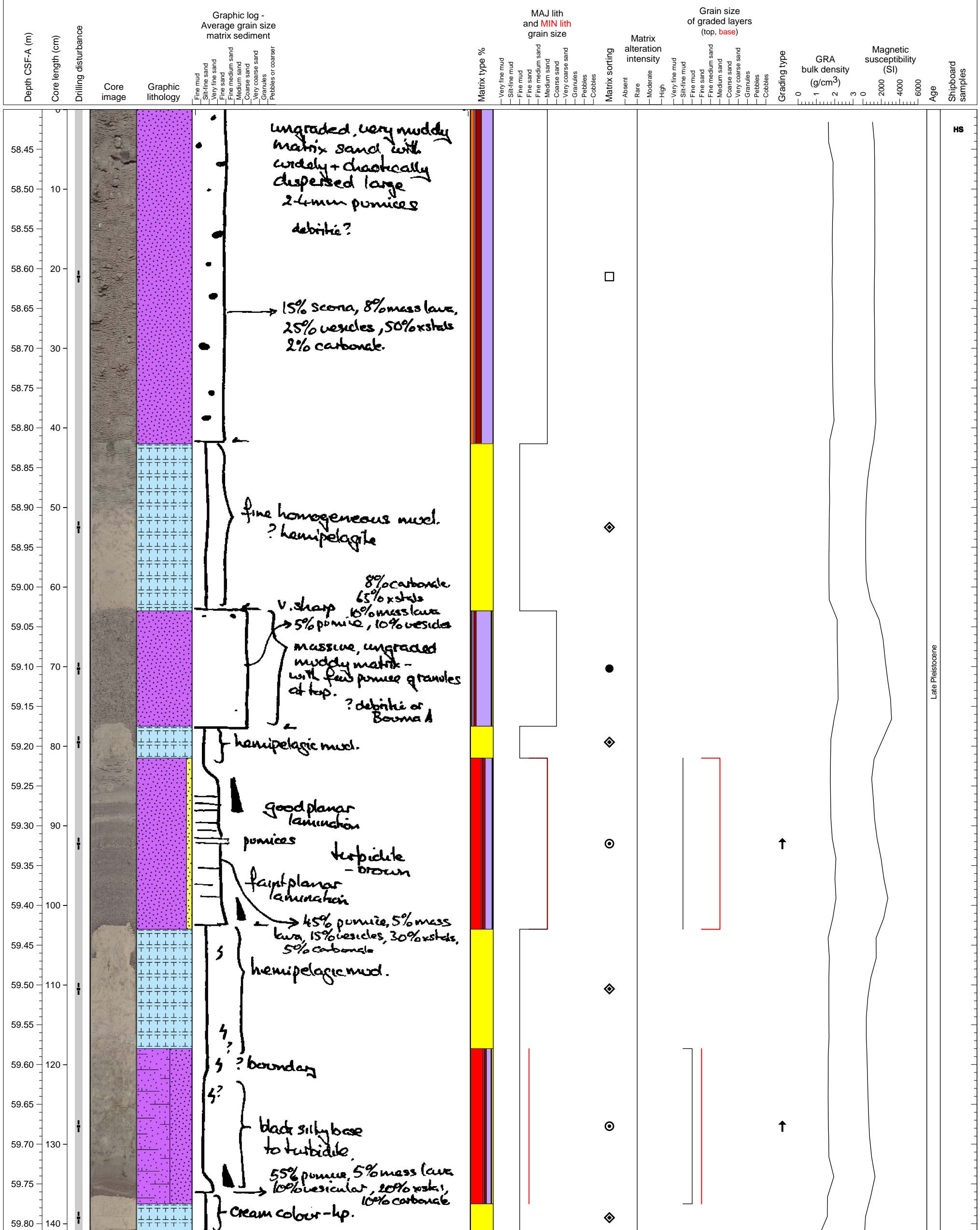


Multiple tephra and turbidite layers interlayered with hemipelagic clays.

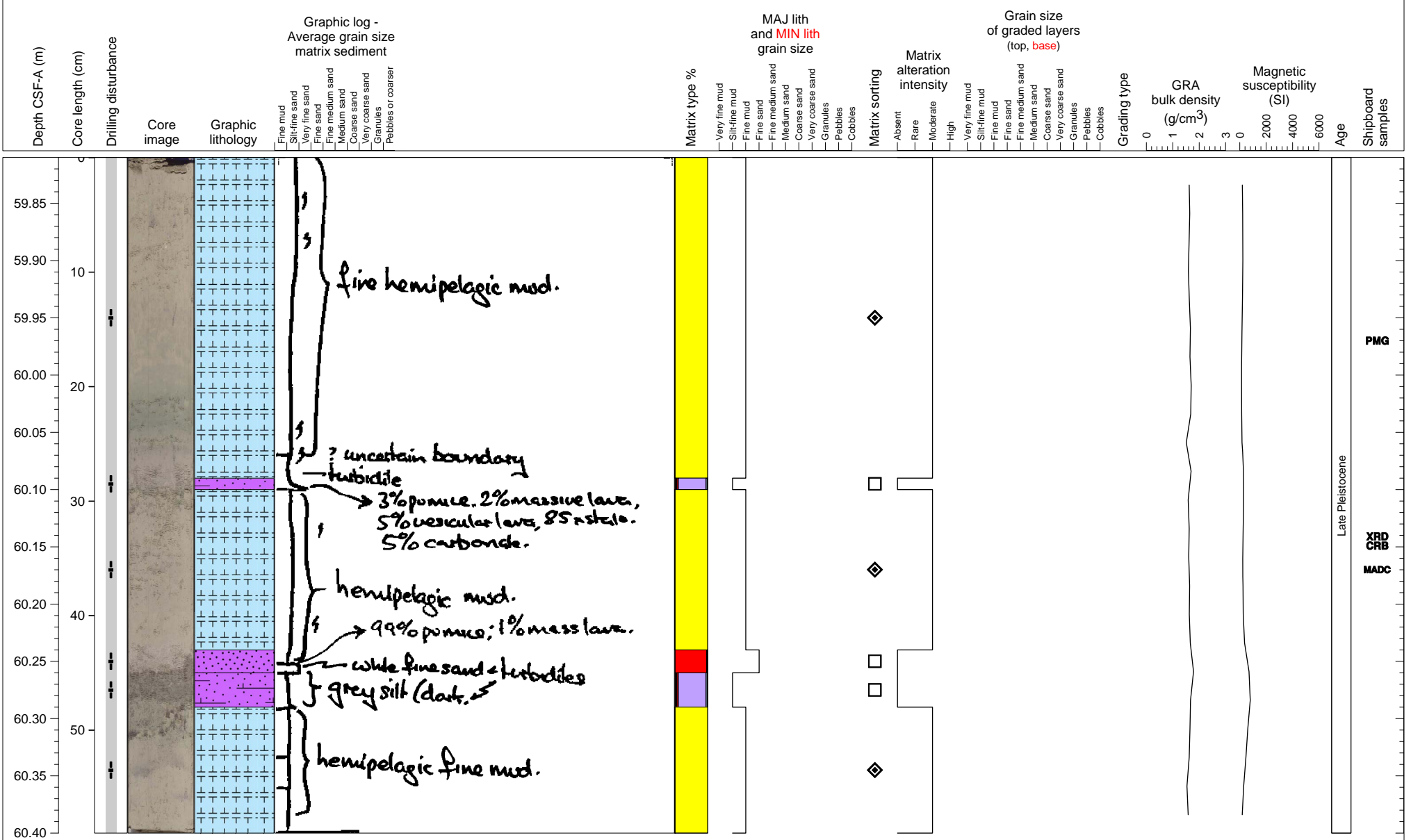


Late Pleistocene

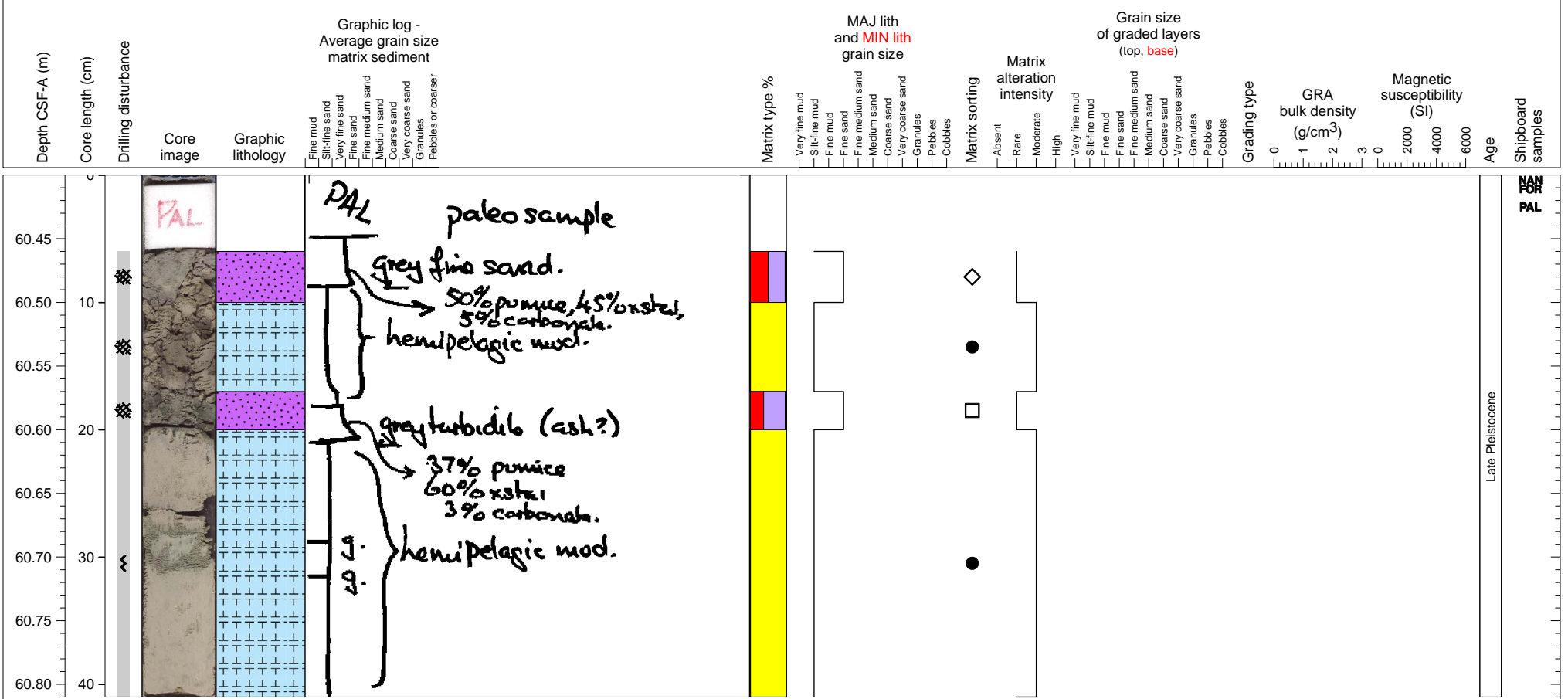
Volcaniclastic sand units interlayered with hemipelagic clay. Several volcaniclastic sand exhibit normal grading.



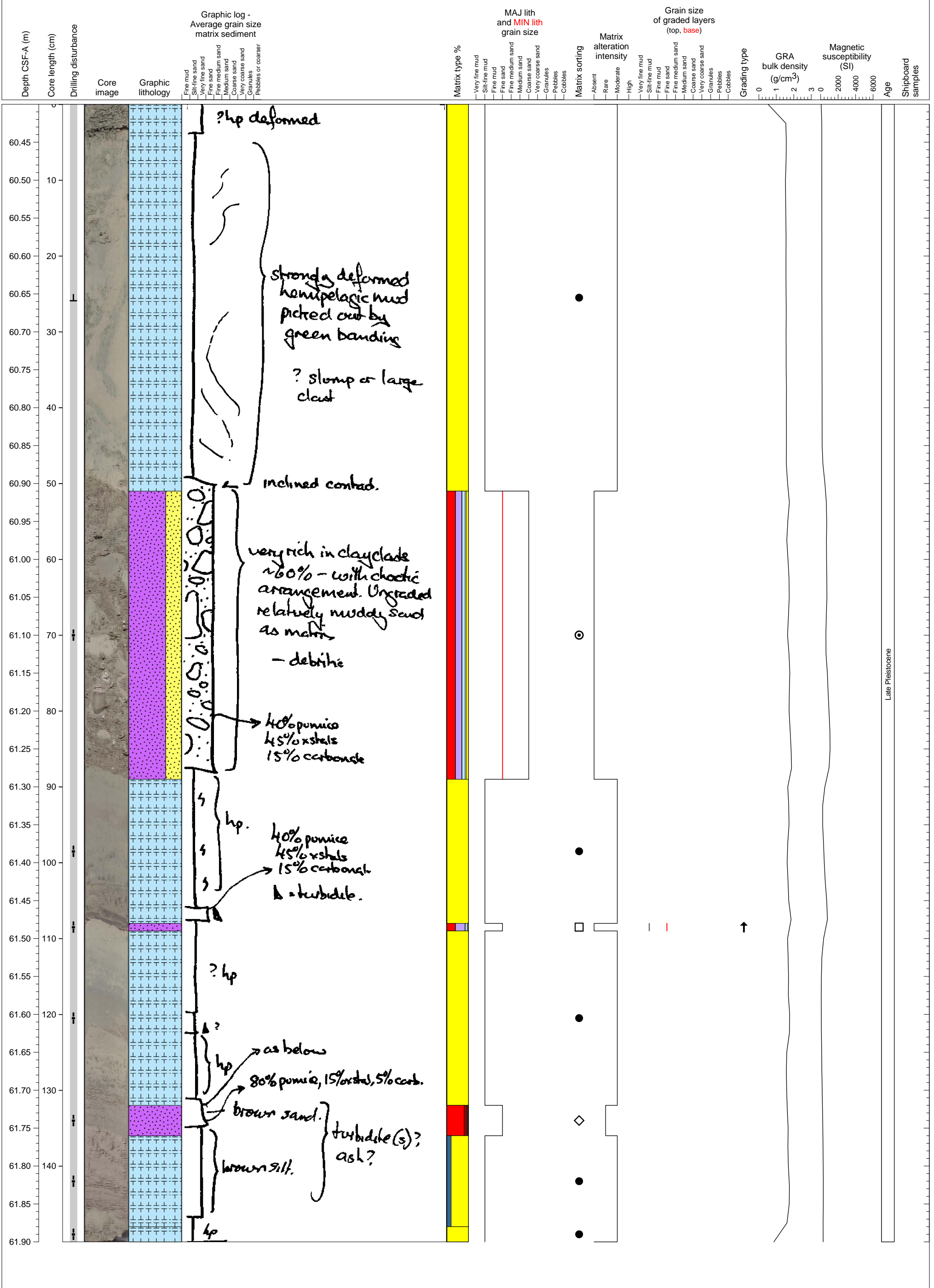
Hemipelagic clay interlayered with fine-grained volcanoclastic units.



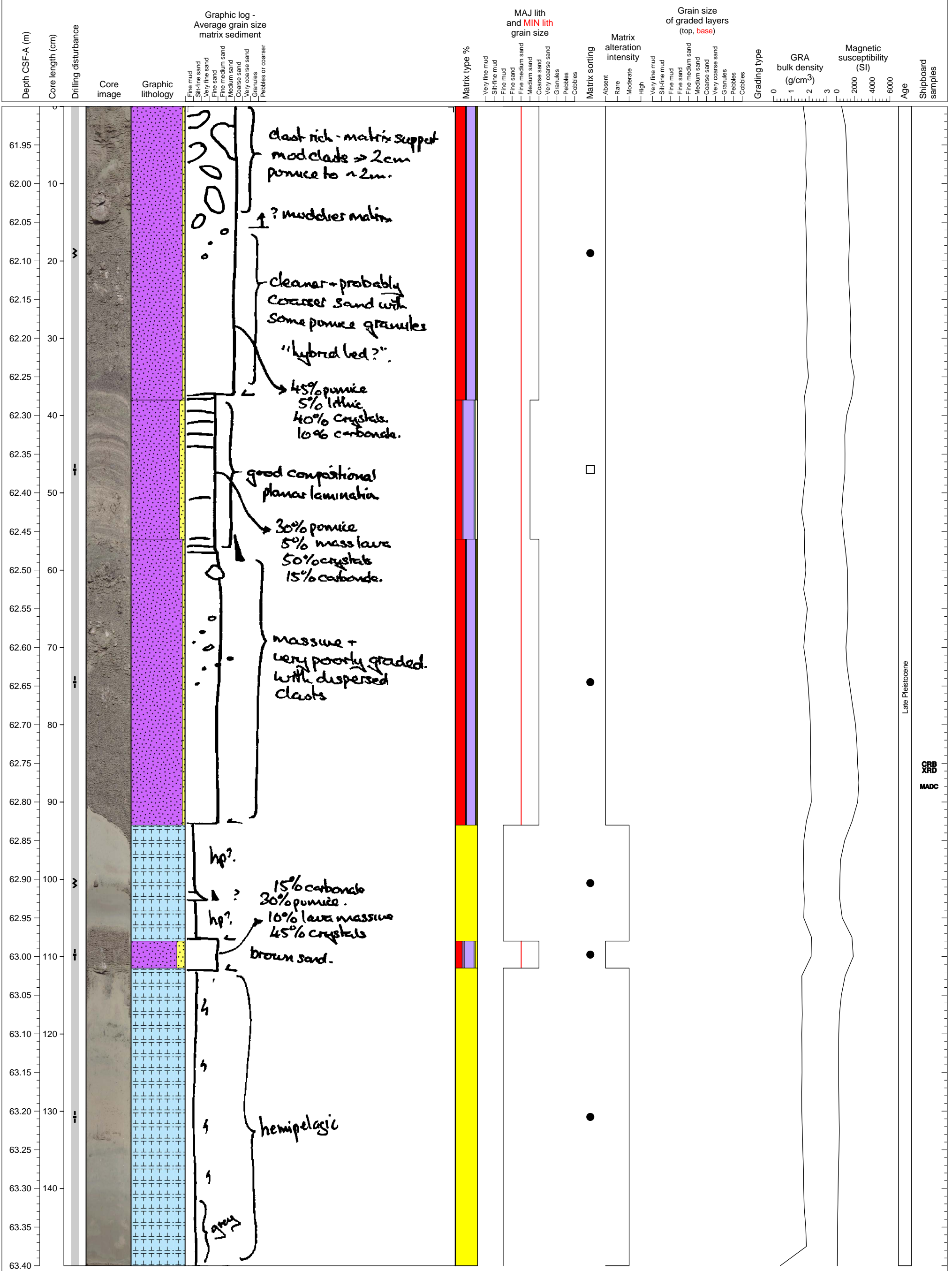
Two volcanoclastic sand layers interlayered with hemipelagic clay.



Hemipelagic sediment interlayering with volcanoclastic sand layers with pumice and mud clasts, and a tephra layer.



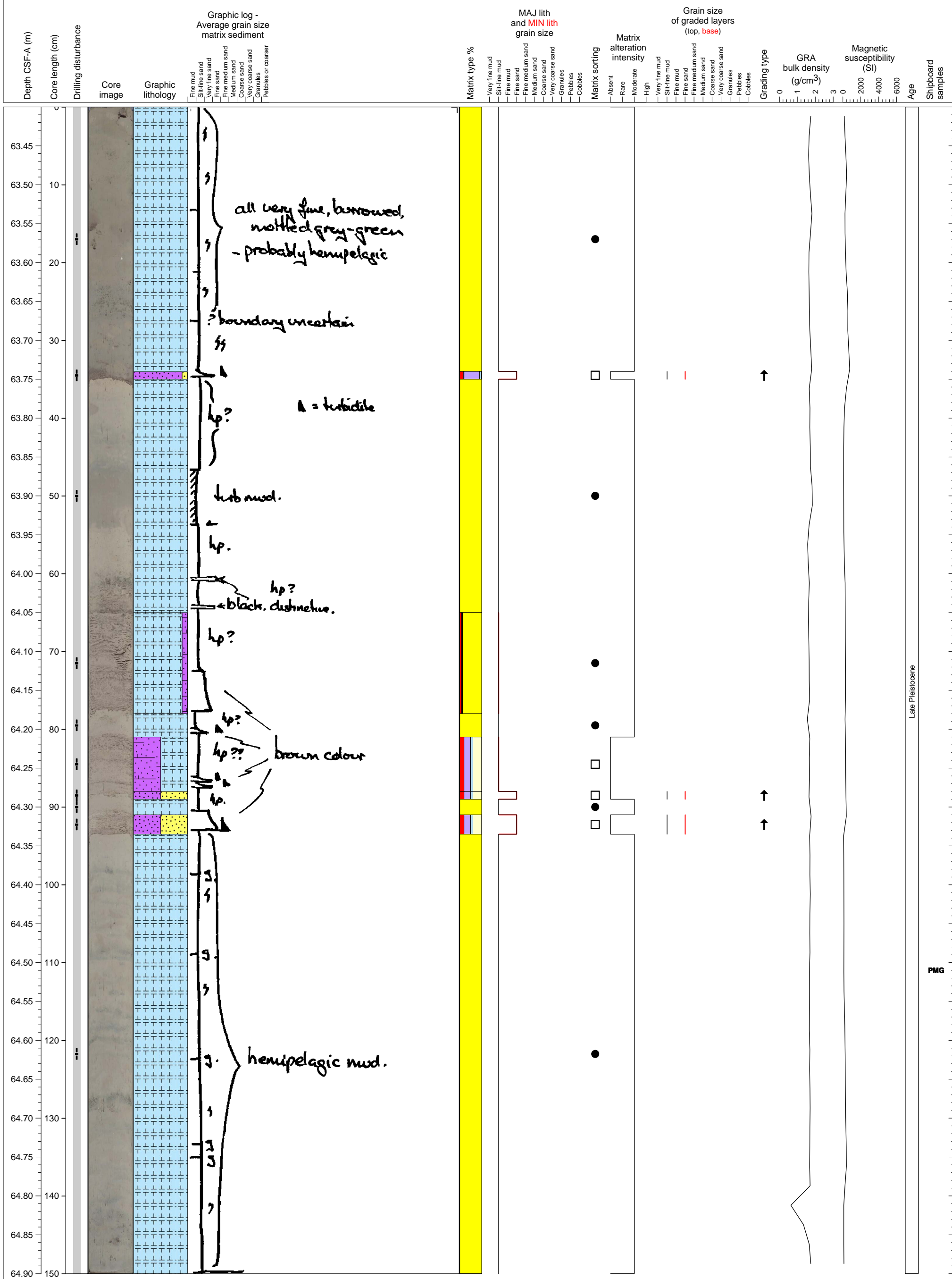
Volcaniclastic turbidite with a portion of color-banding underlying hemipelagic sediment.



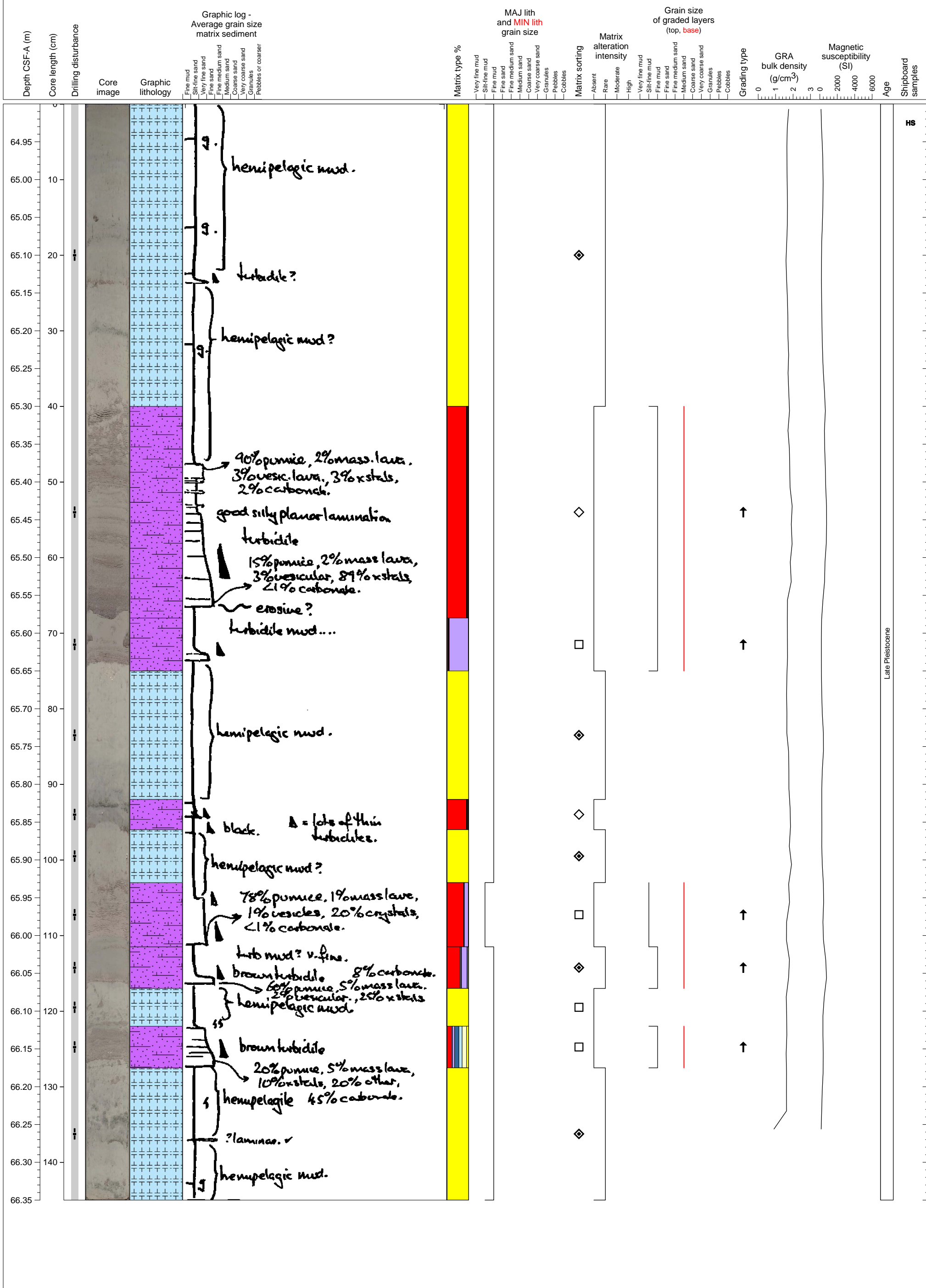
Late Pleistocene

CRB
XRD
MADC

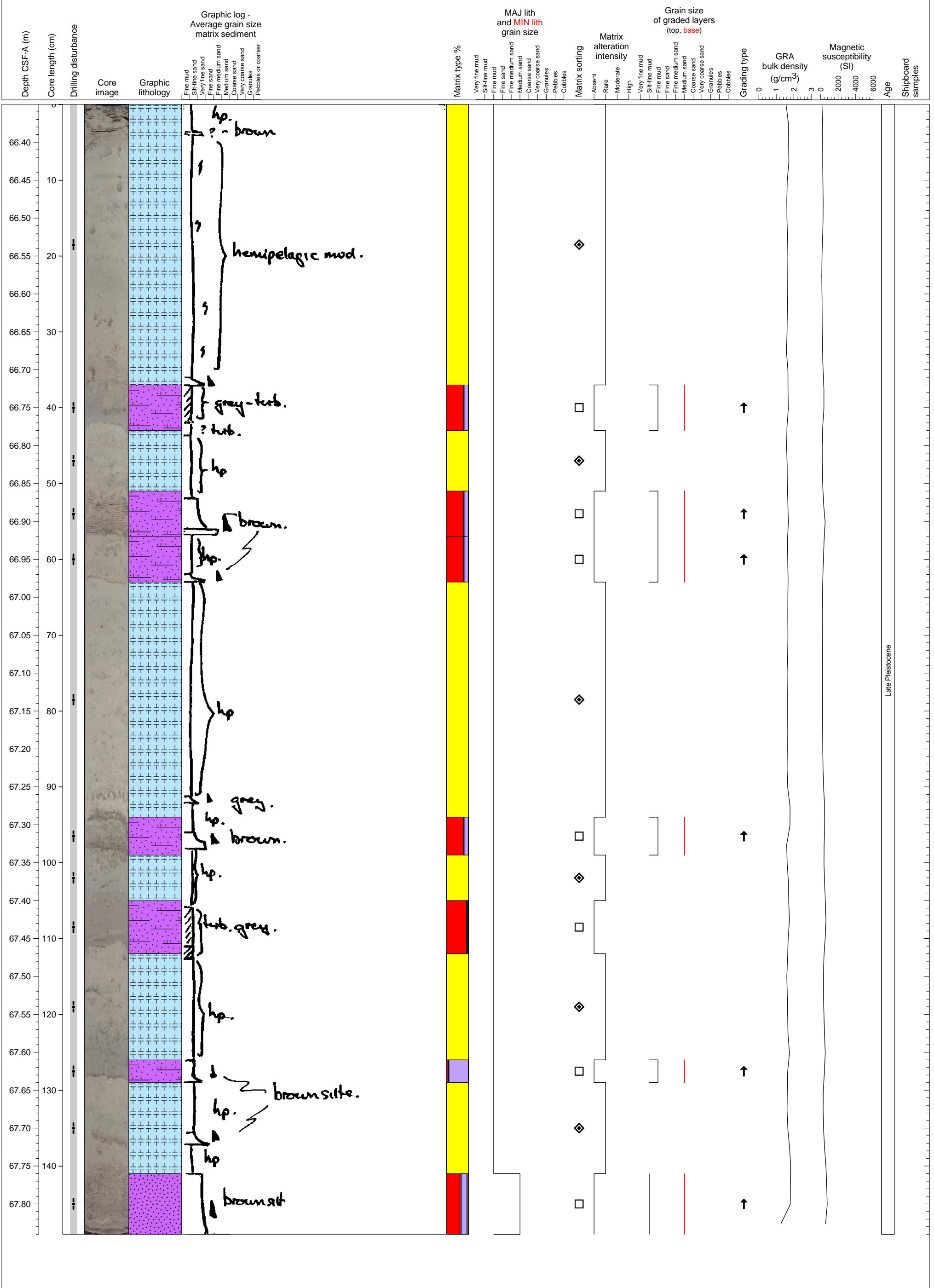
Multiple tephra and turbidite layers intercalating with hemipelagic clays.



Hemipelagic clay interlayered with abundant volcanoclastic tephra layers, many of which exhibit normal grading.

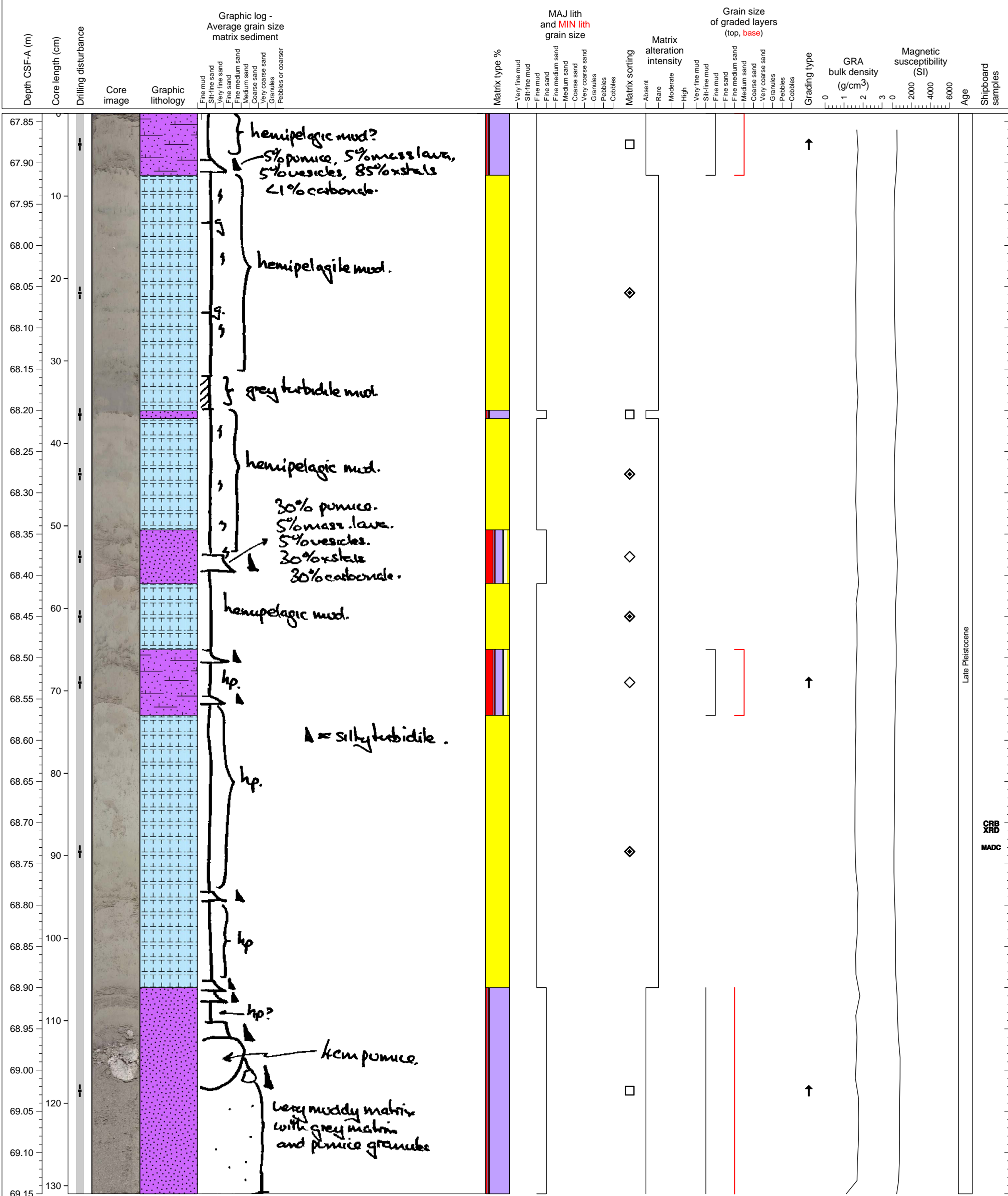


Hemipelagic clay with abundant volcanoclastic tephra layers, many exhibiting normal grading.

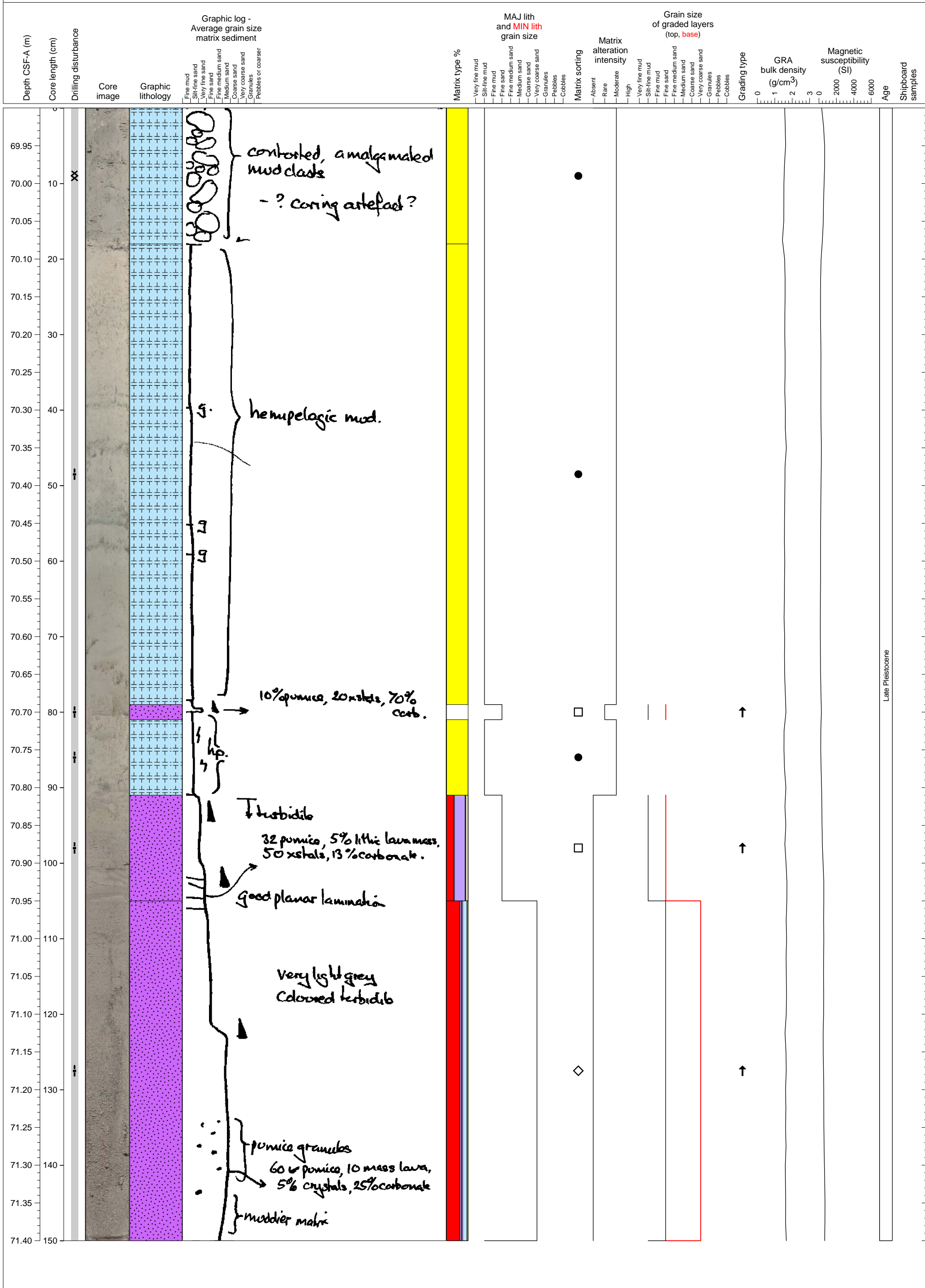


Late Pleistocene

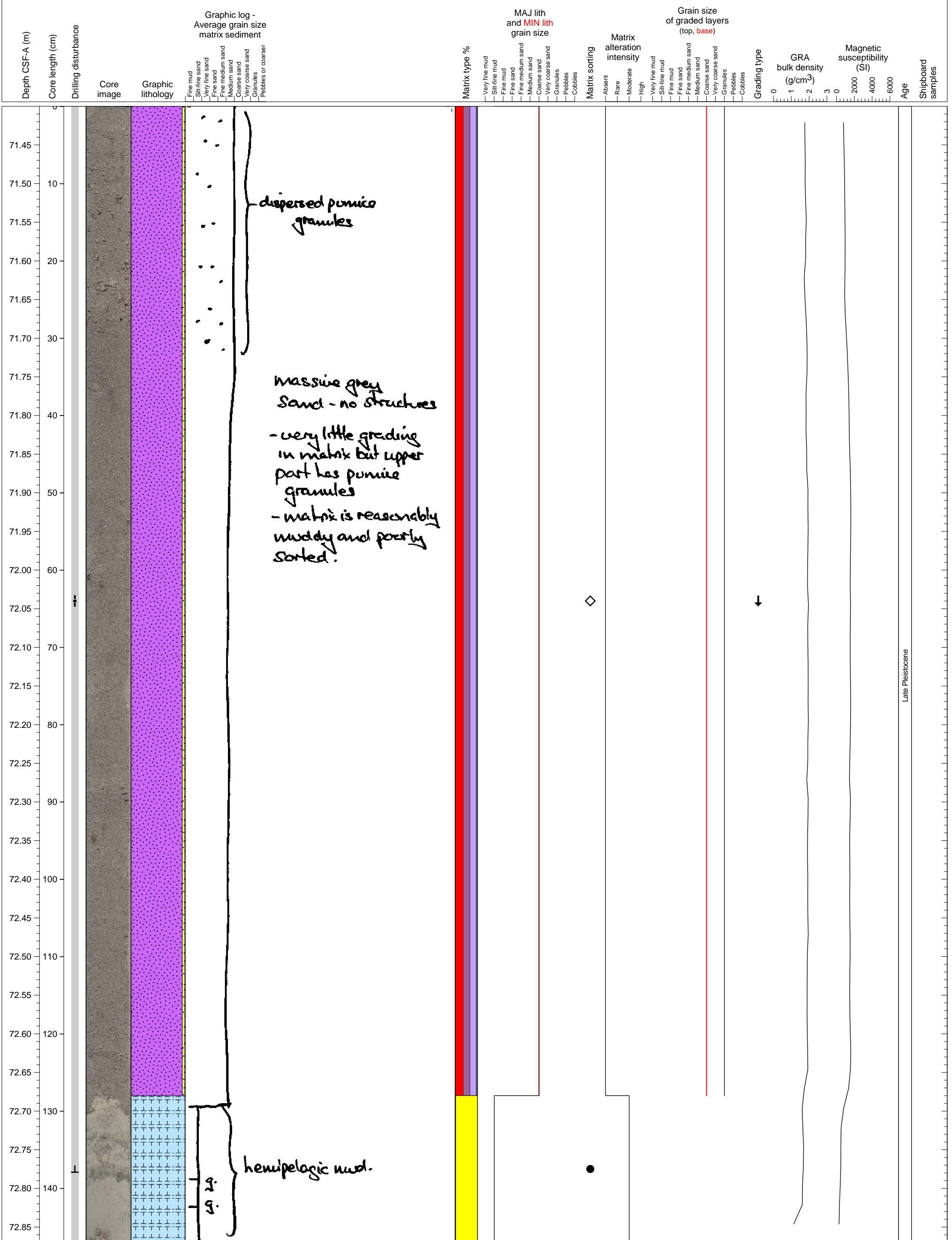
Hemipelagic clay interlayered with abundant volcanoclastic tephra layers, many of which exhibit normal grading.



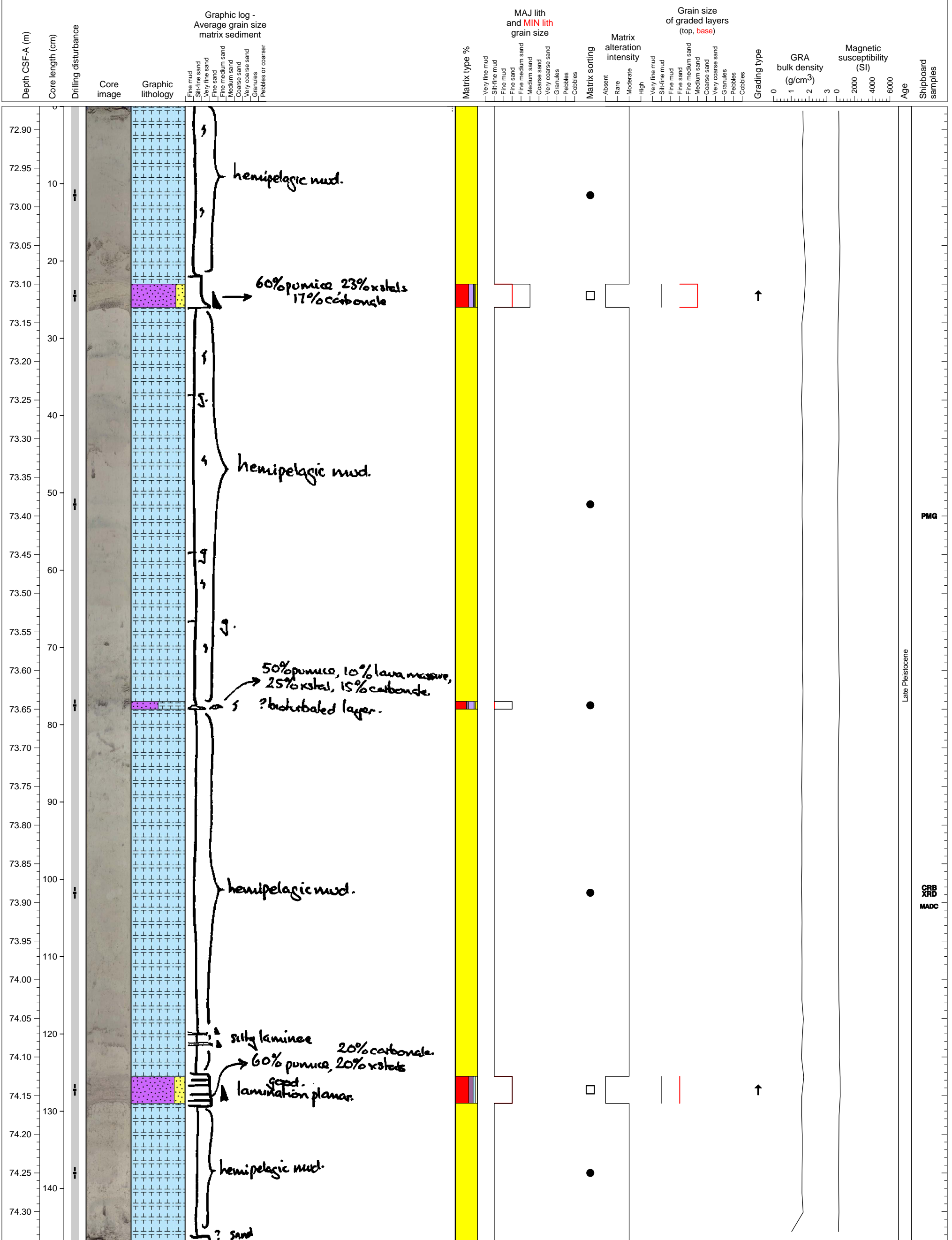
Upper part of this section is hemipelagic clay and the lower is a top of pumiceous turbidite.



Lower part of volcanoclastic turbidite on hemipelagic clay.



Hemipelagic clay interlayered with three tephra layers.

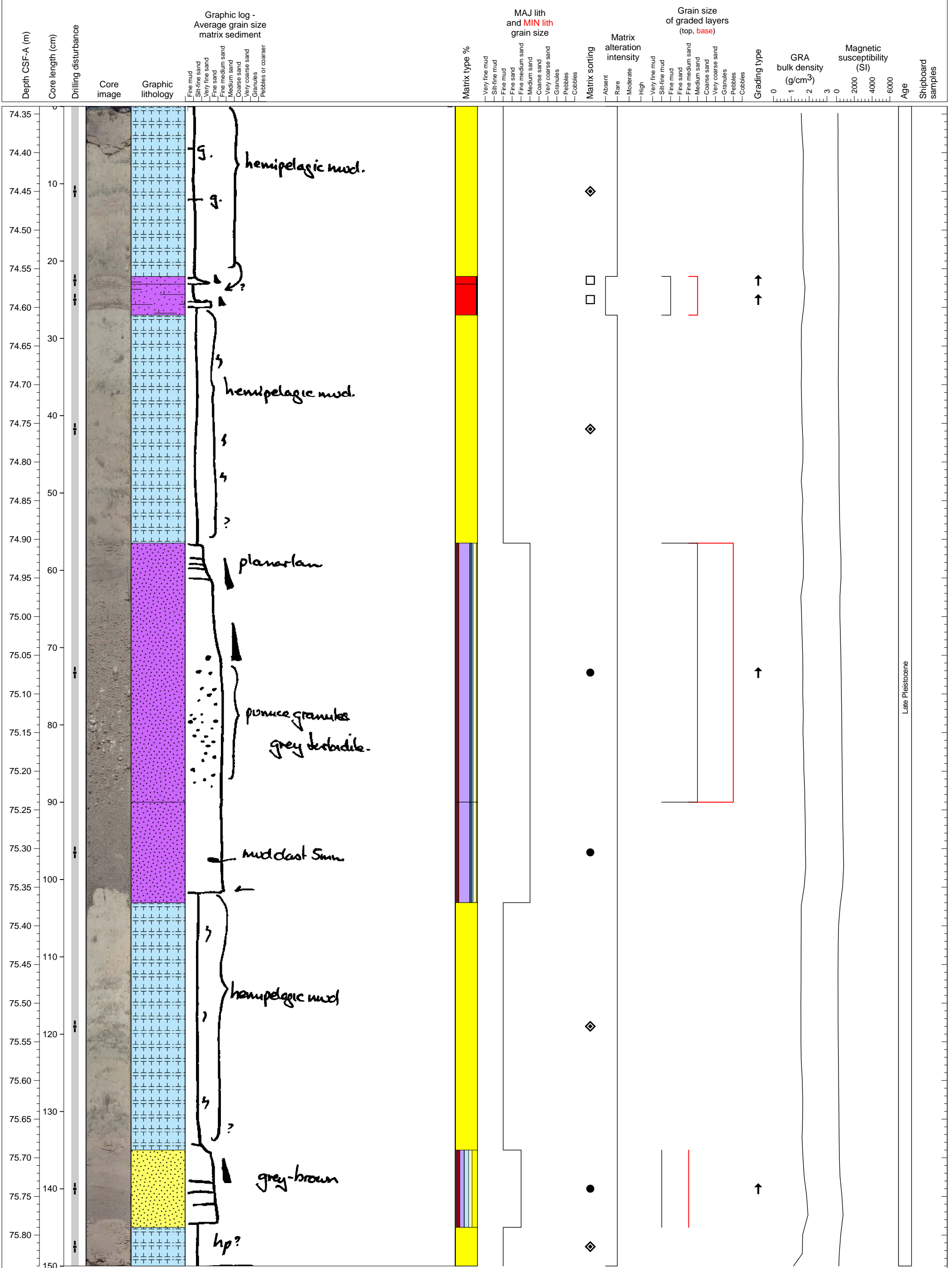


PMG

Late Pleistocene

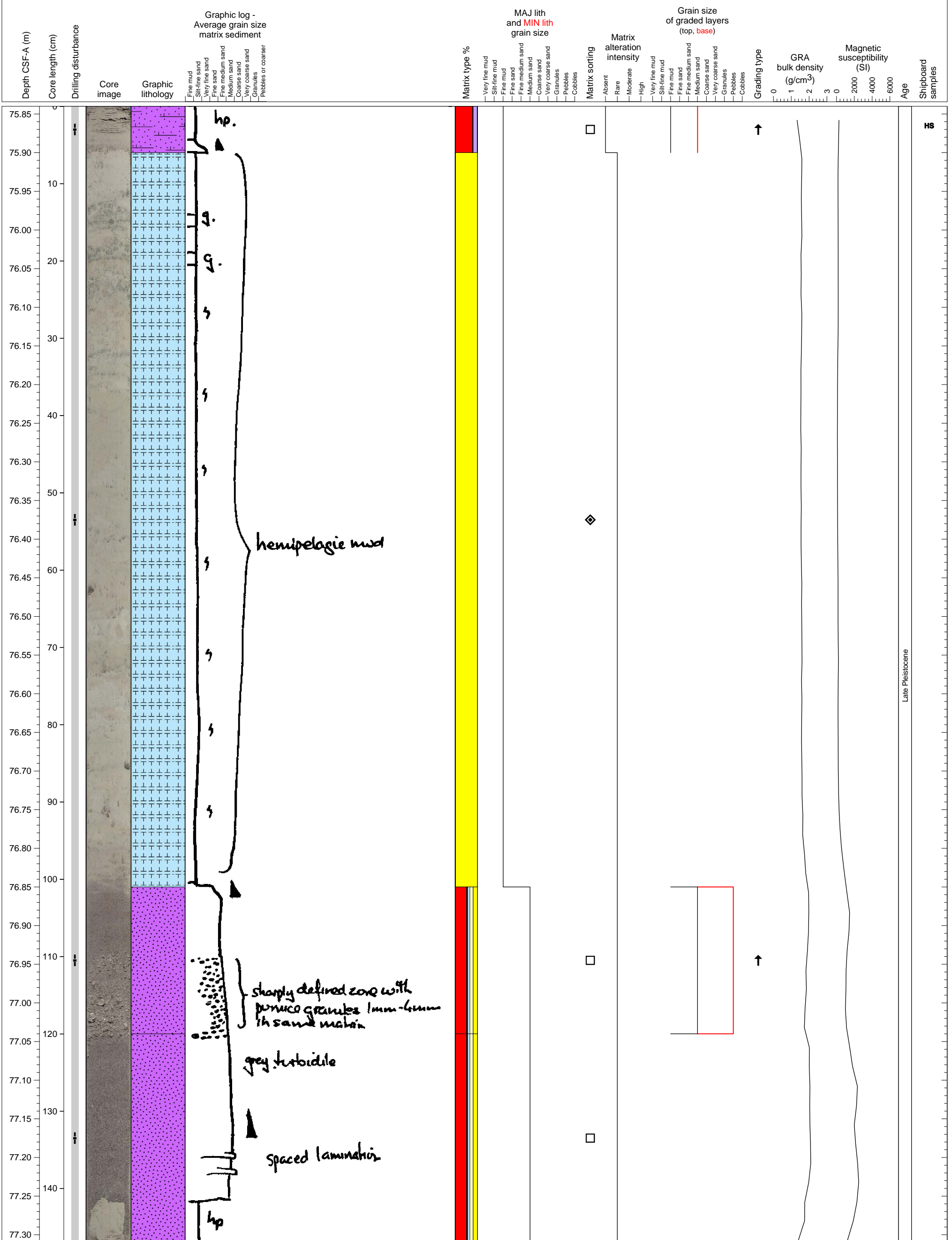
CRB XRD MADC

Hemipelagic clay interlayered with volcanoclastic sand units, many exhibiting normal grading.

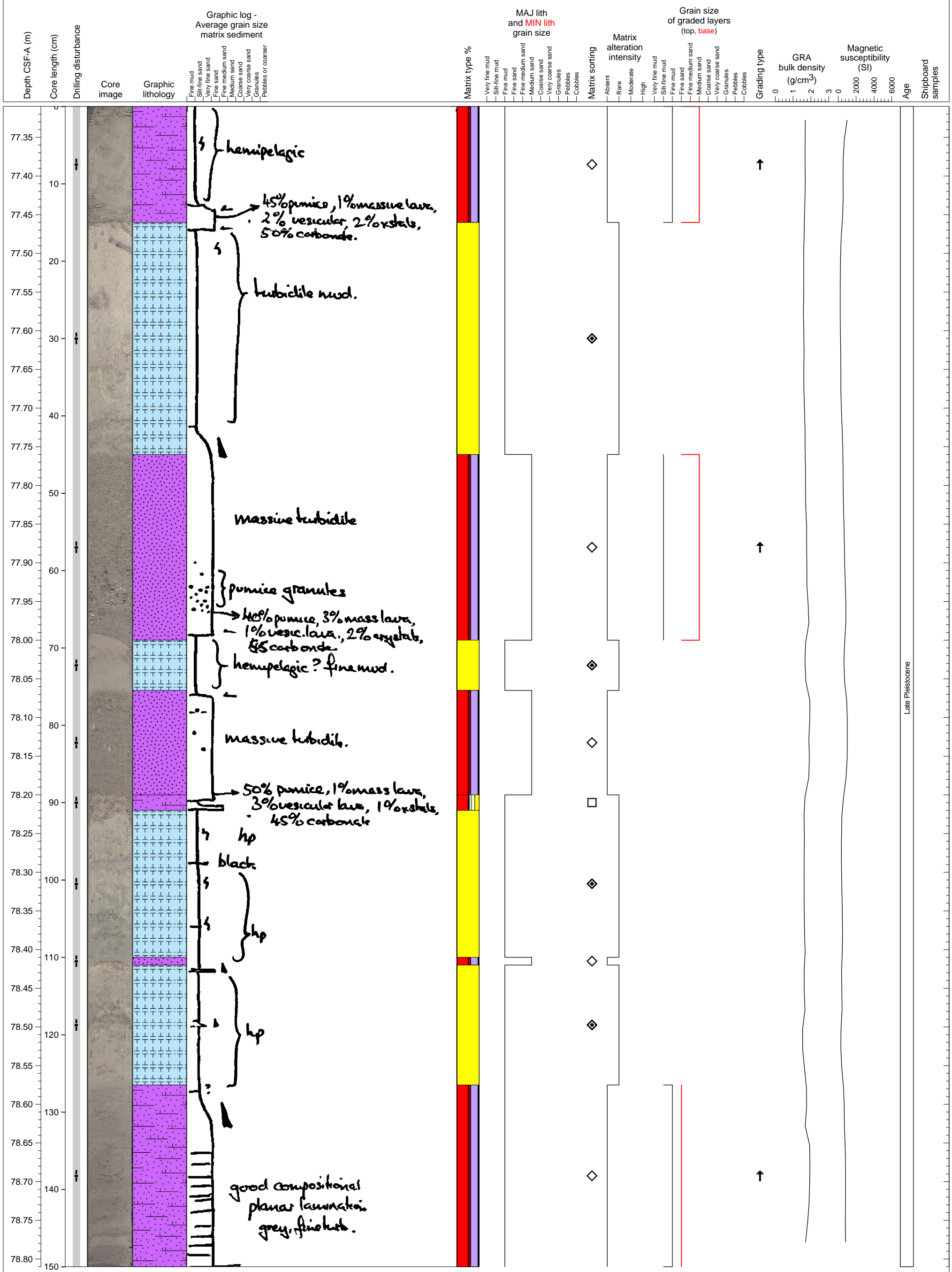


Late Pleistocene

Volcaniclastic sand units, many normally graded, interlayered with hemipelagic clay.

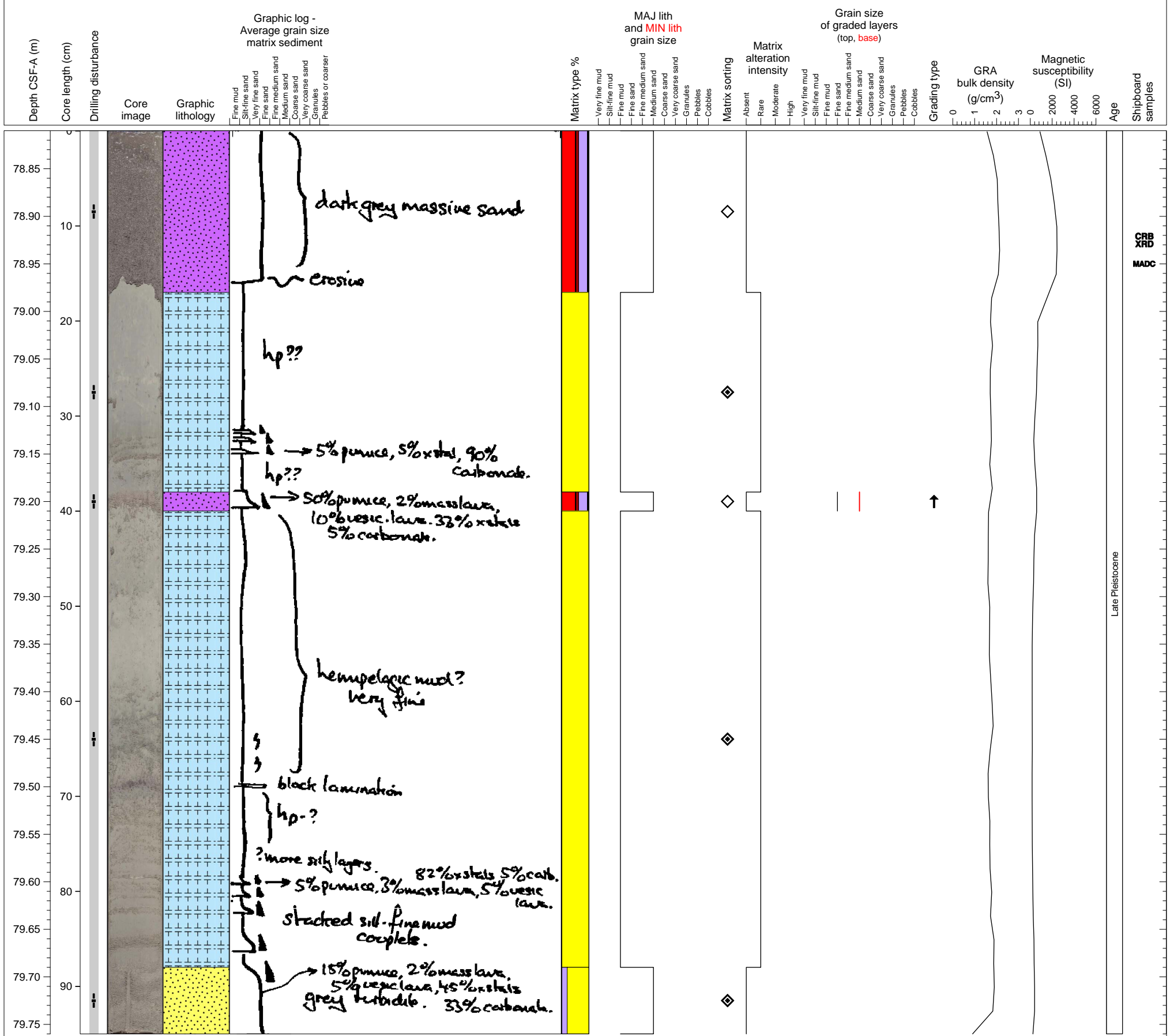


Volcaniclastic sand units, many displaying normal grading, interlayered with hemipelagic clay.

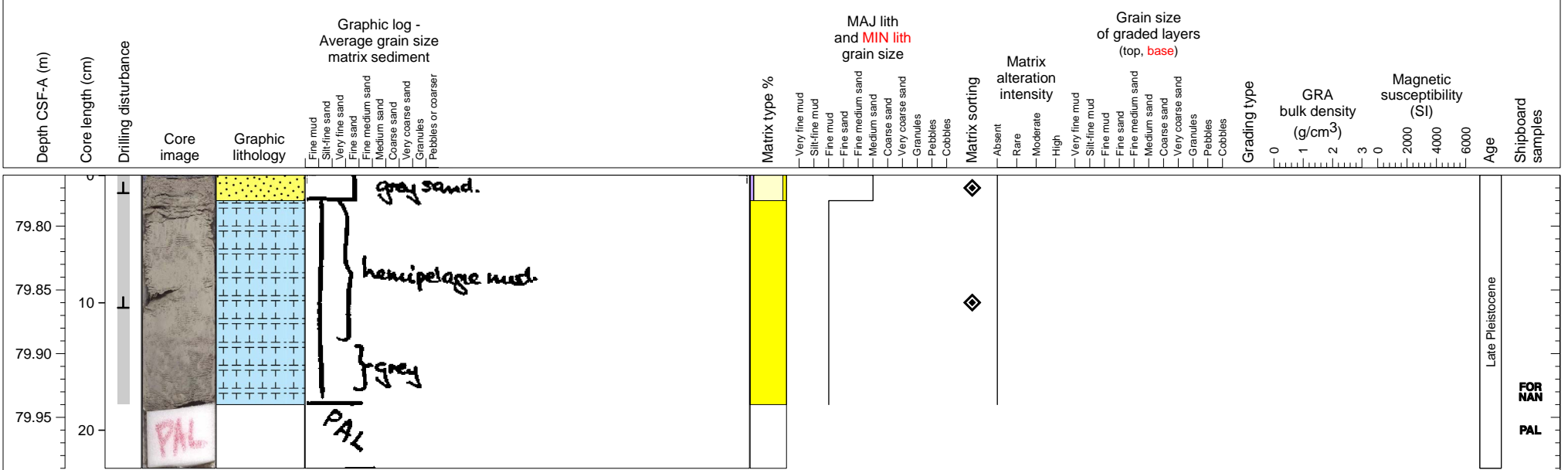


Late Pleistocene

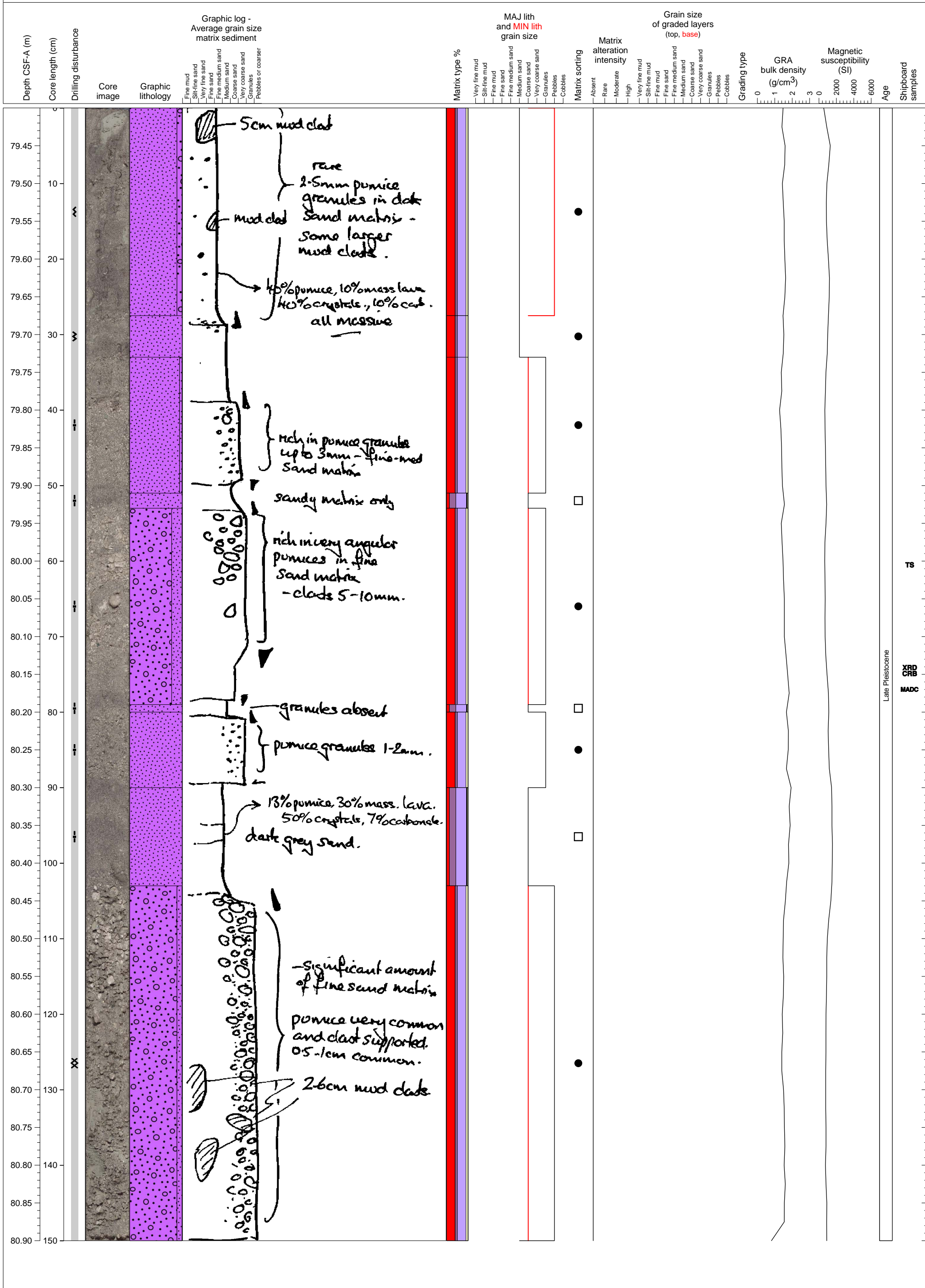
Hemipelagic clay interlayered with volcanoclastic sand units.



Calcareous sand overlying hemipelagic clay. PAL sample from base.



Succession of pumiceous sand layers with gradings. The lower most is characterized by pebble sized pumice.



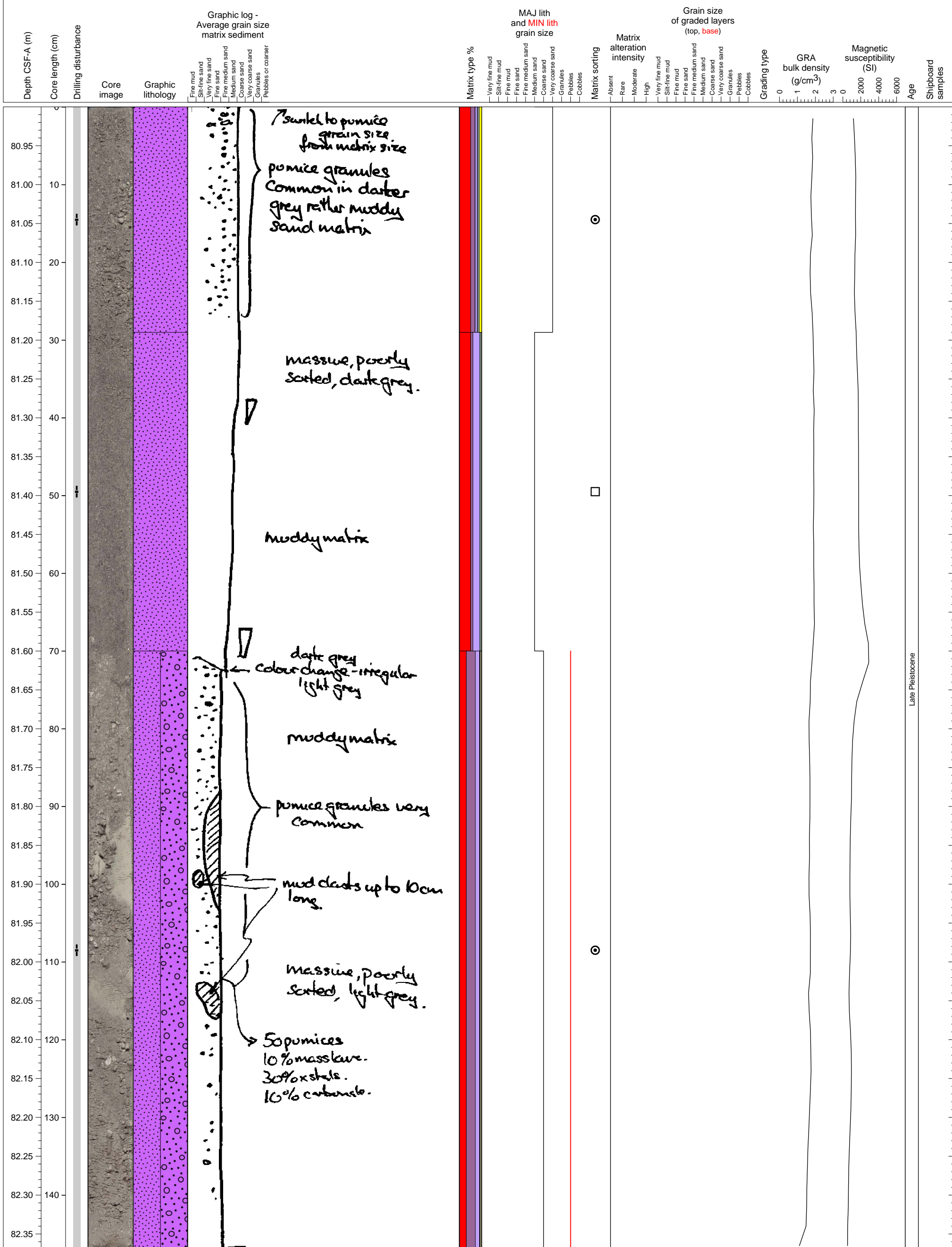
Late Pleistocene

TS

XRD CRB

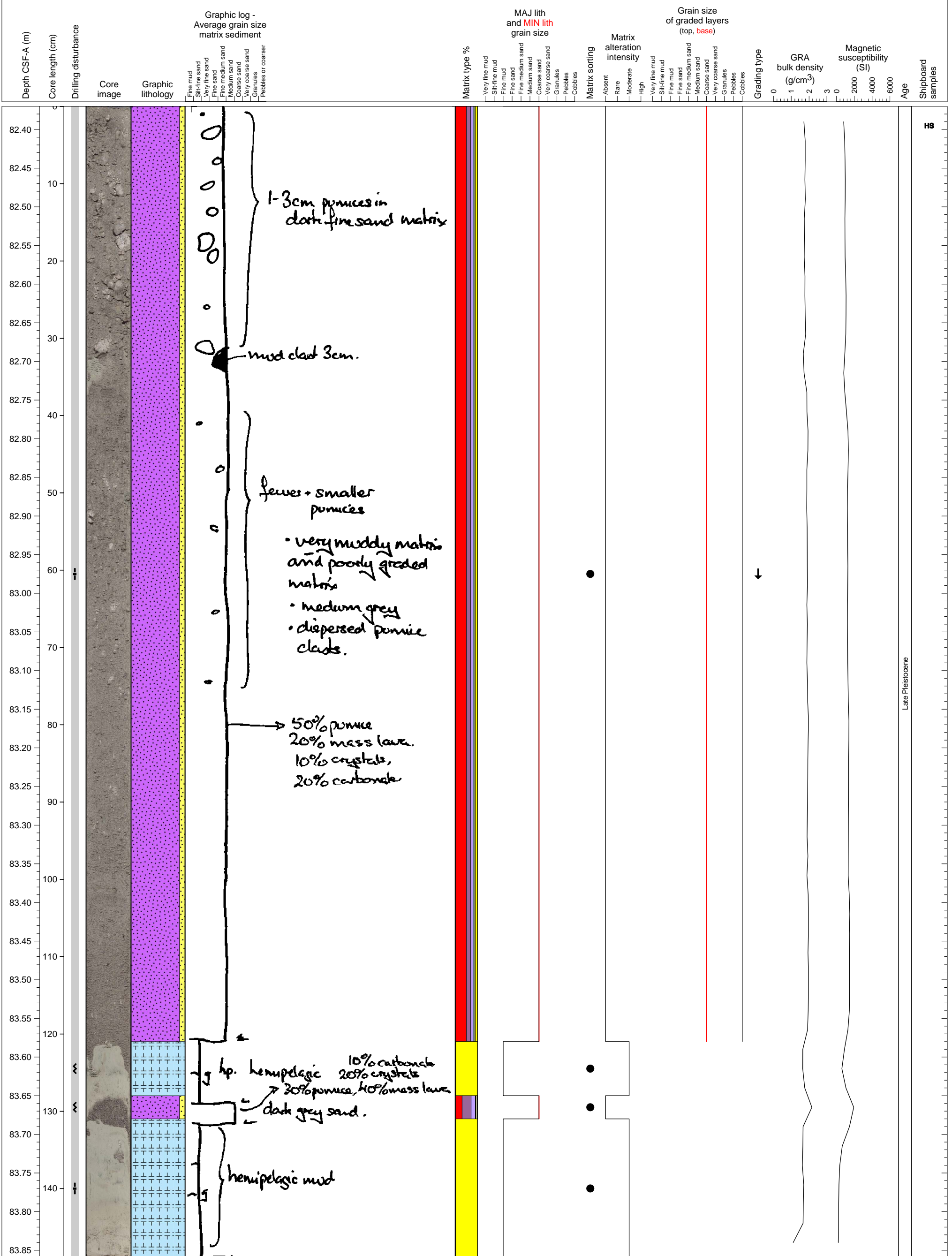
MADC

Graded massive pumiceous with portions of clast concentration. In the bottom of this section the sorting is very poor.



Late Pleistocene

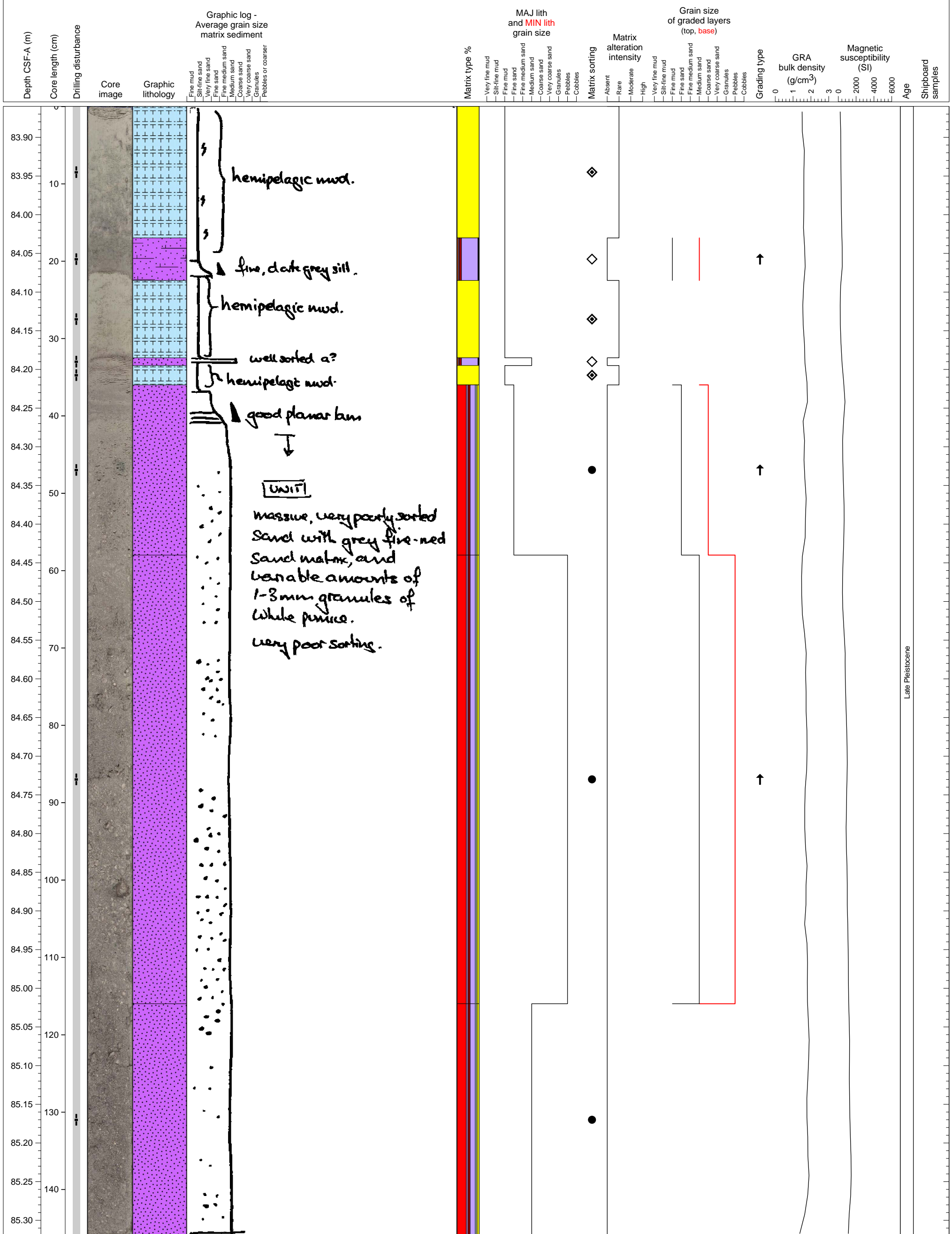
Massive pumiceous turbidite on hemipelagic clay.



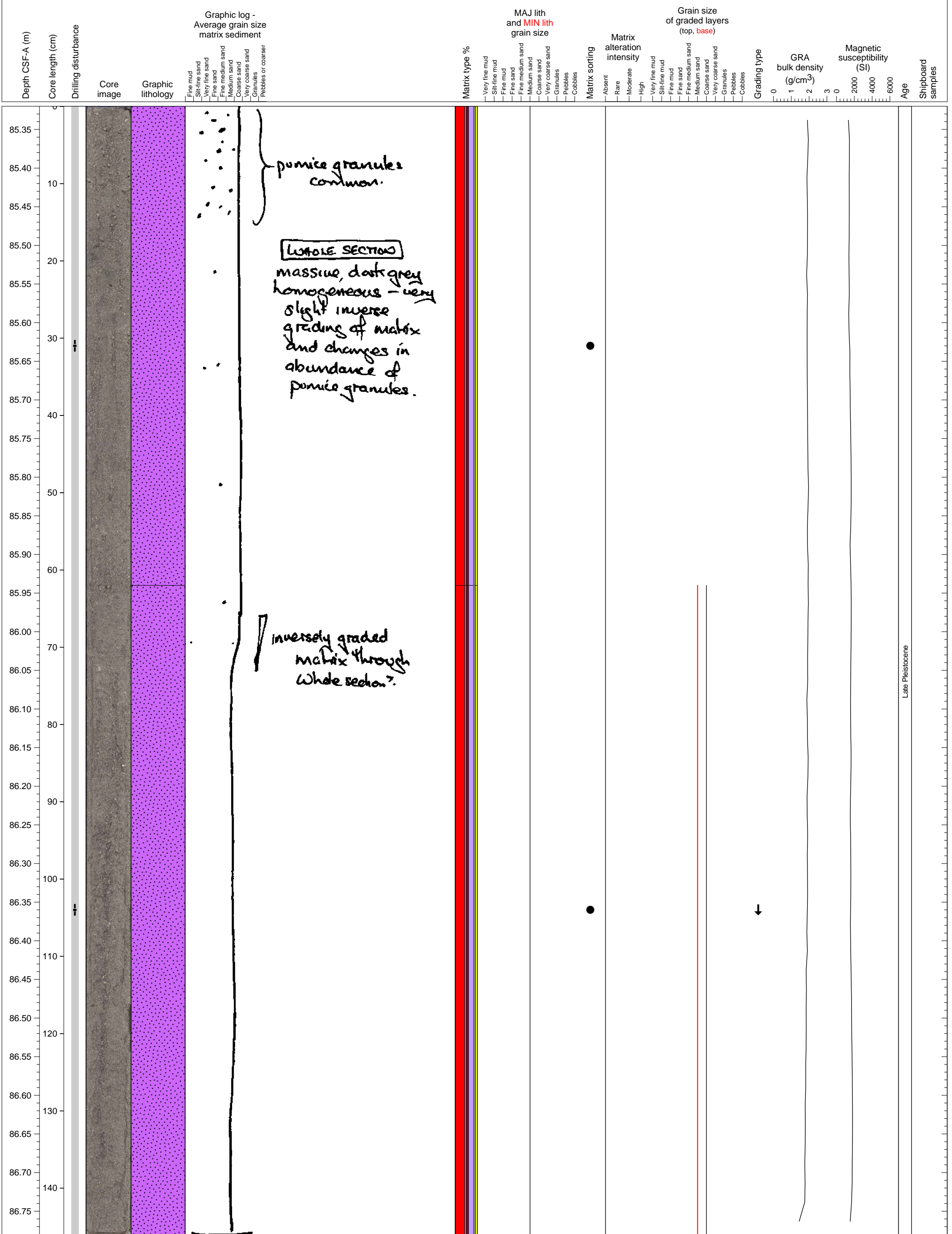
Late Pleistocene

HS

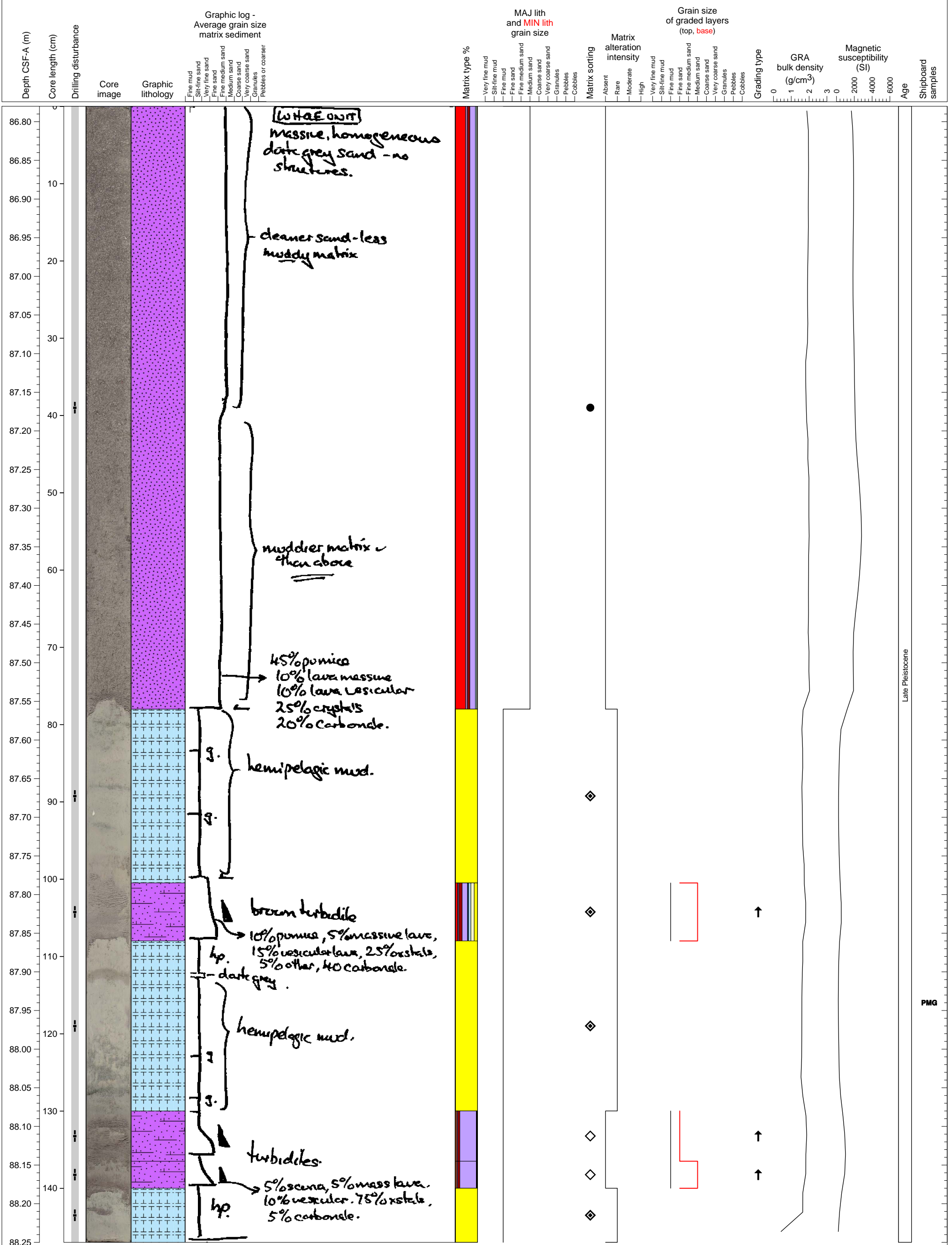
Hemipelagic clay interlayered with abundant volcanoclastic sand units, many displaying normal grading.



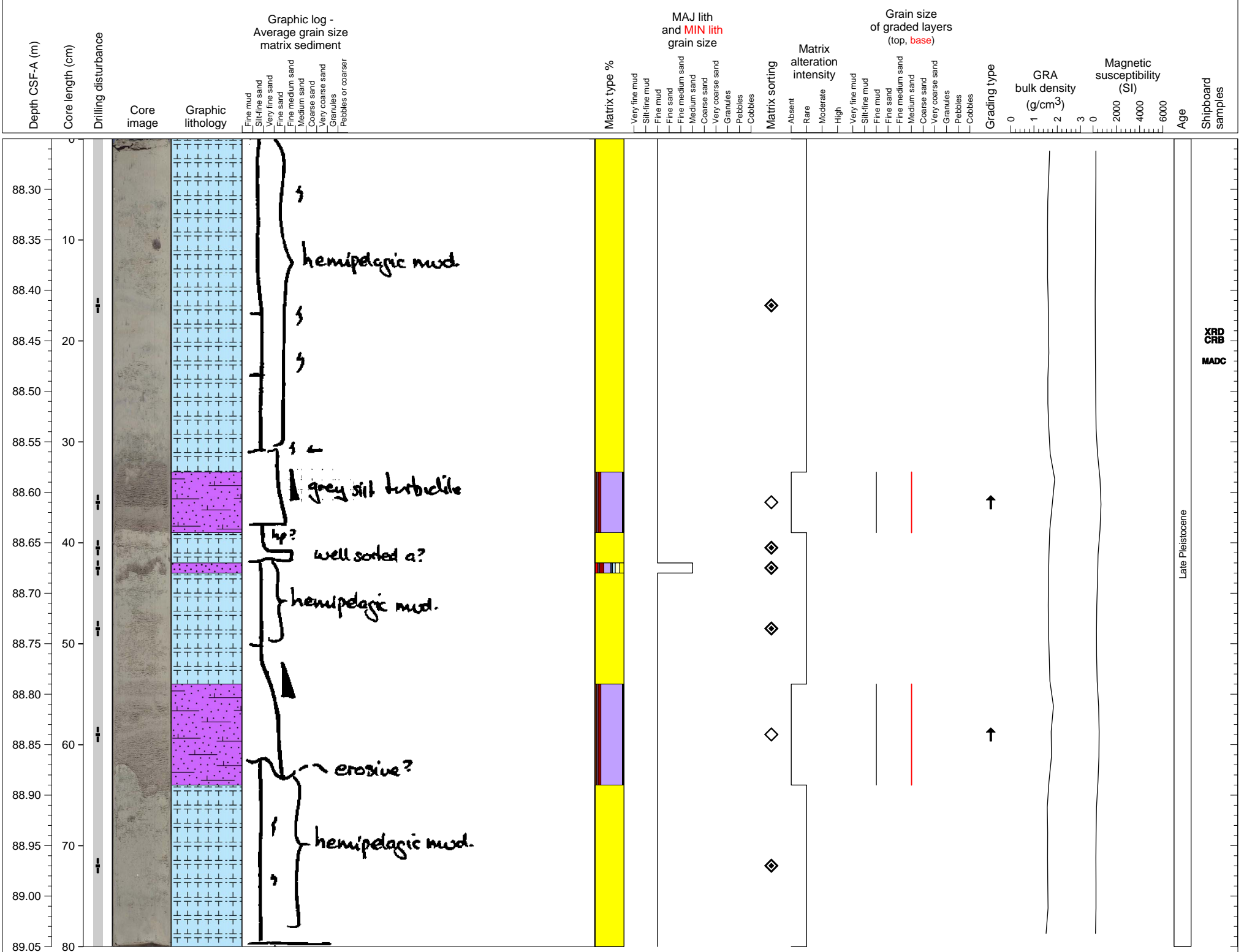
Volcaniclastic sand units, one with abundant pumice clasts.



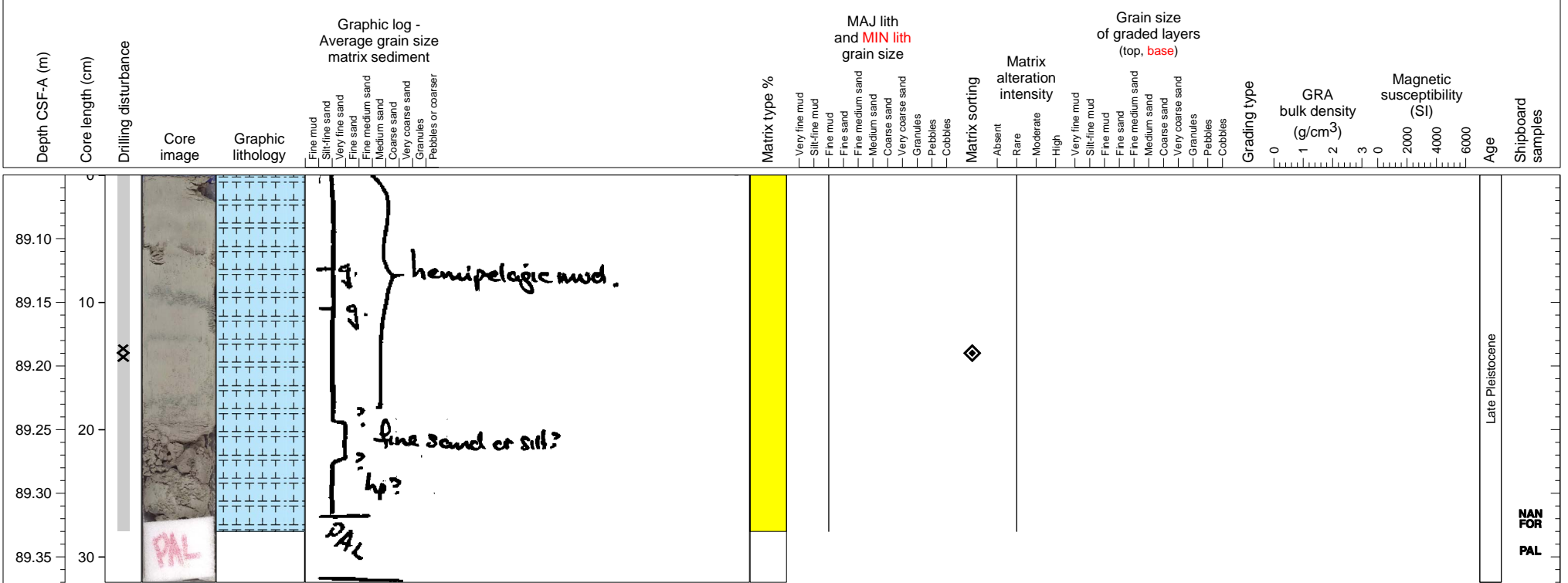
Volcaniclastic sand, many displaying normal grading, interlayered with hemipelagic clay.



Hemipelagic clay interlayered with abundant volcanoclastic sand units, many displaying normal grading.



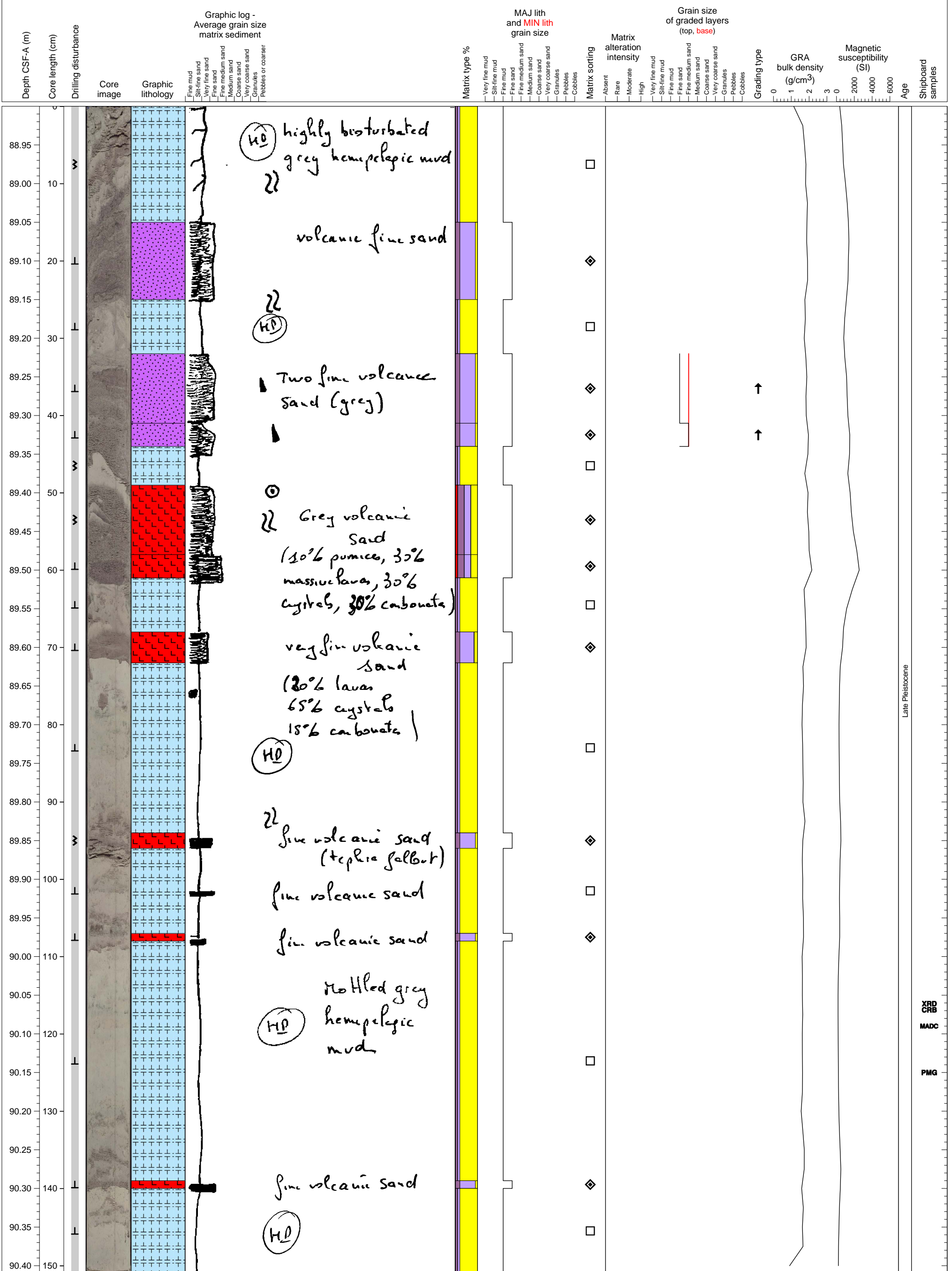
Hemipelagic clay. PAL from base.



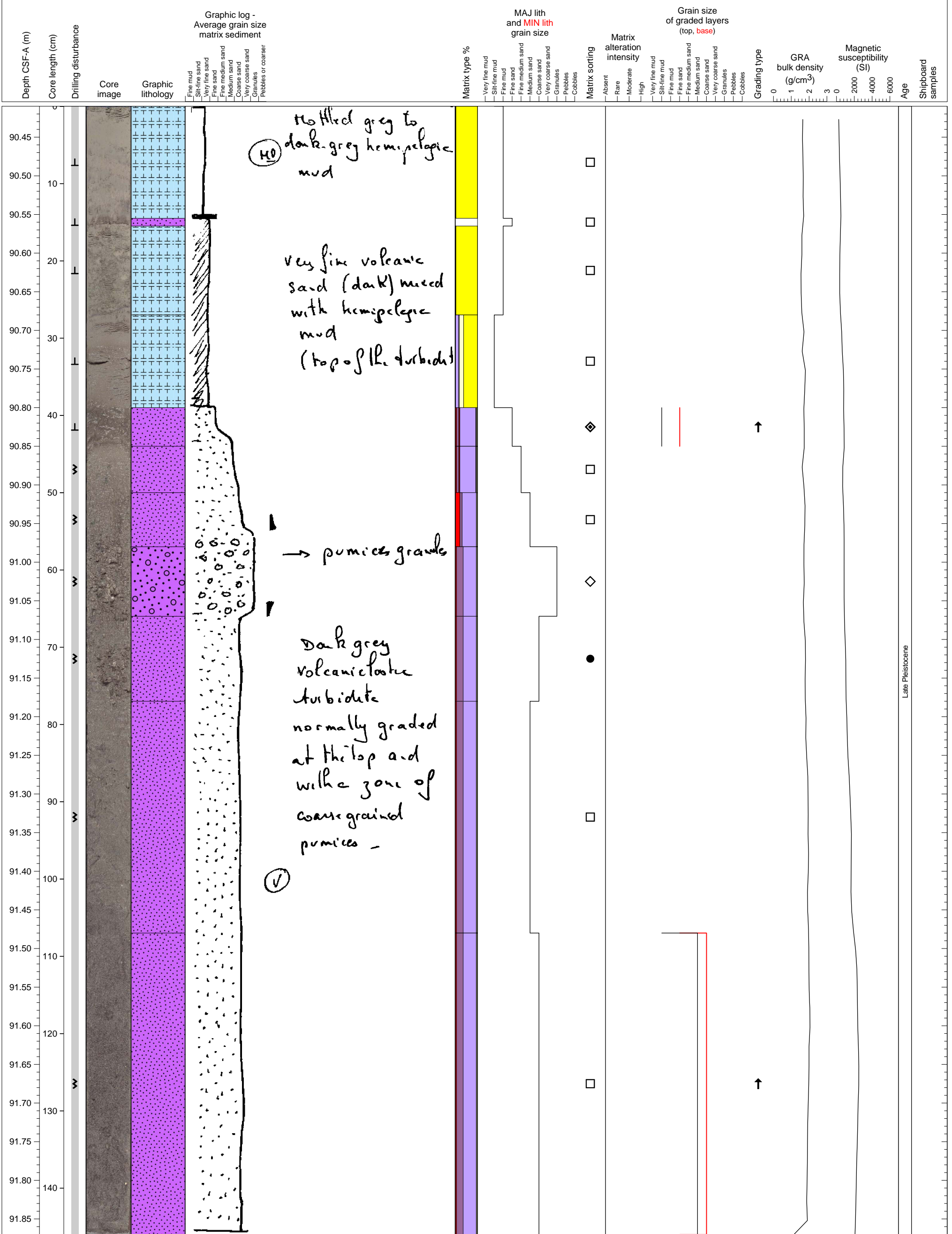
Late Pleistocene

NAN FOR PAL

Hemipelagic sediments interbedded with several thin ash and volcanoclastic sands (probably thicker tephras).

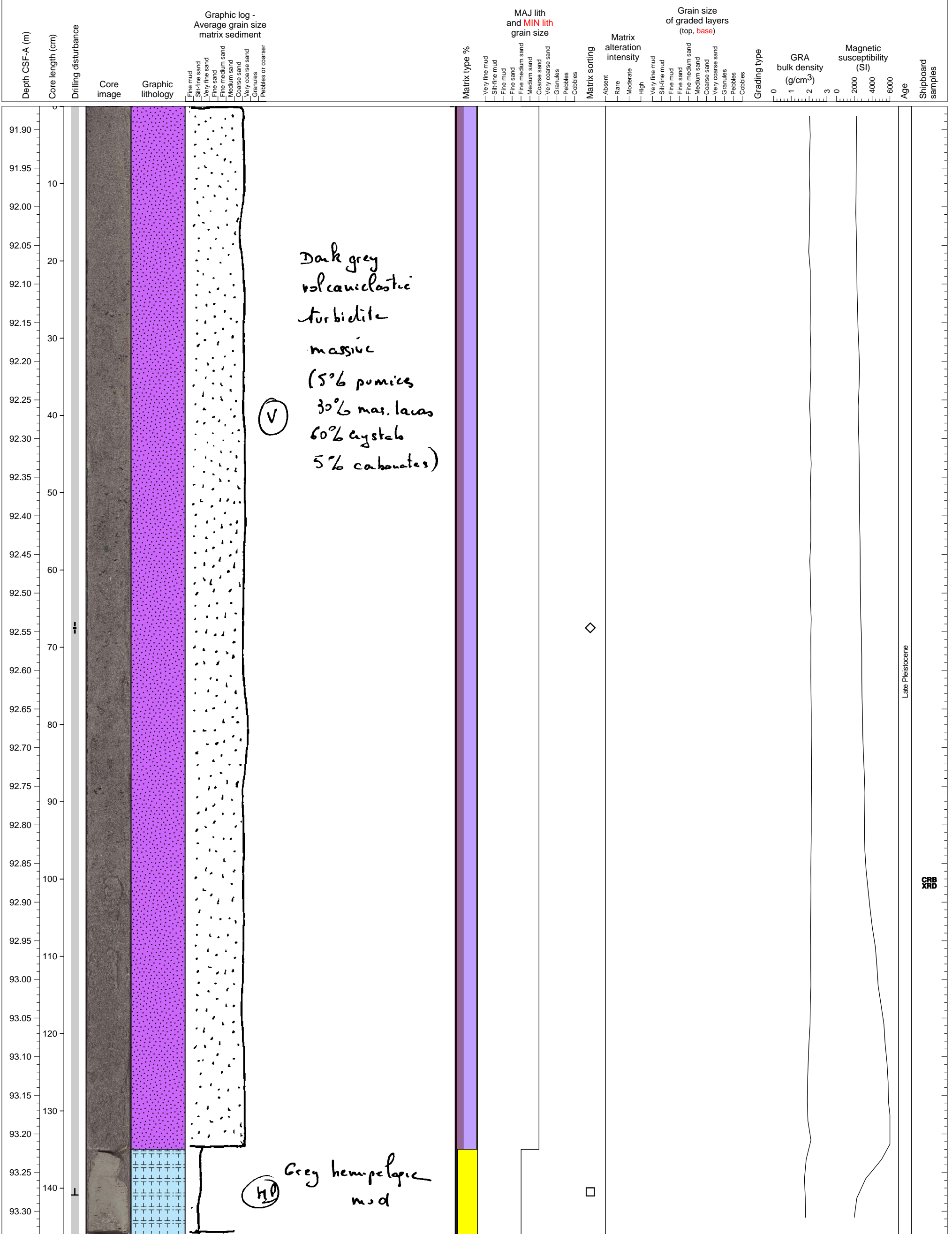


More than 1 m thick volcanoclastic turbidite capped with hemipelagite

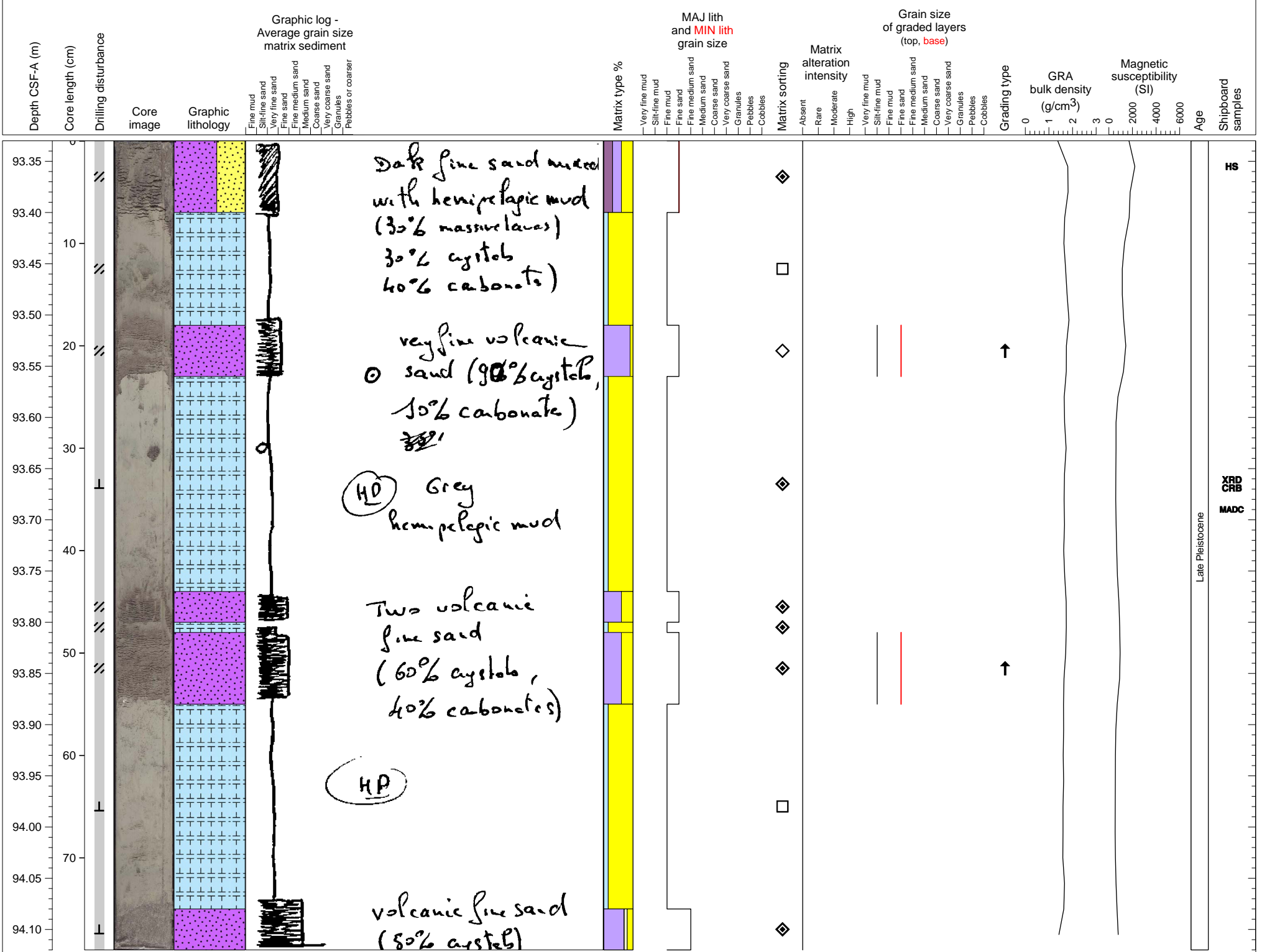


Late Pleistocene

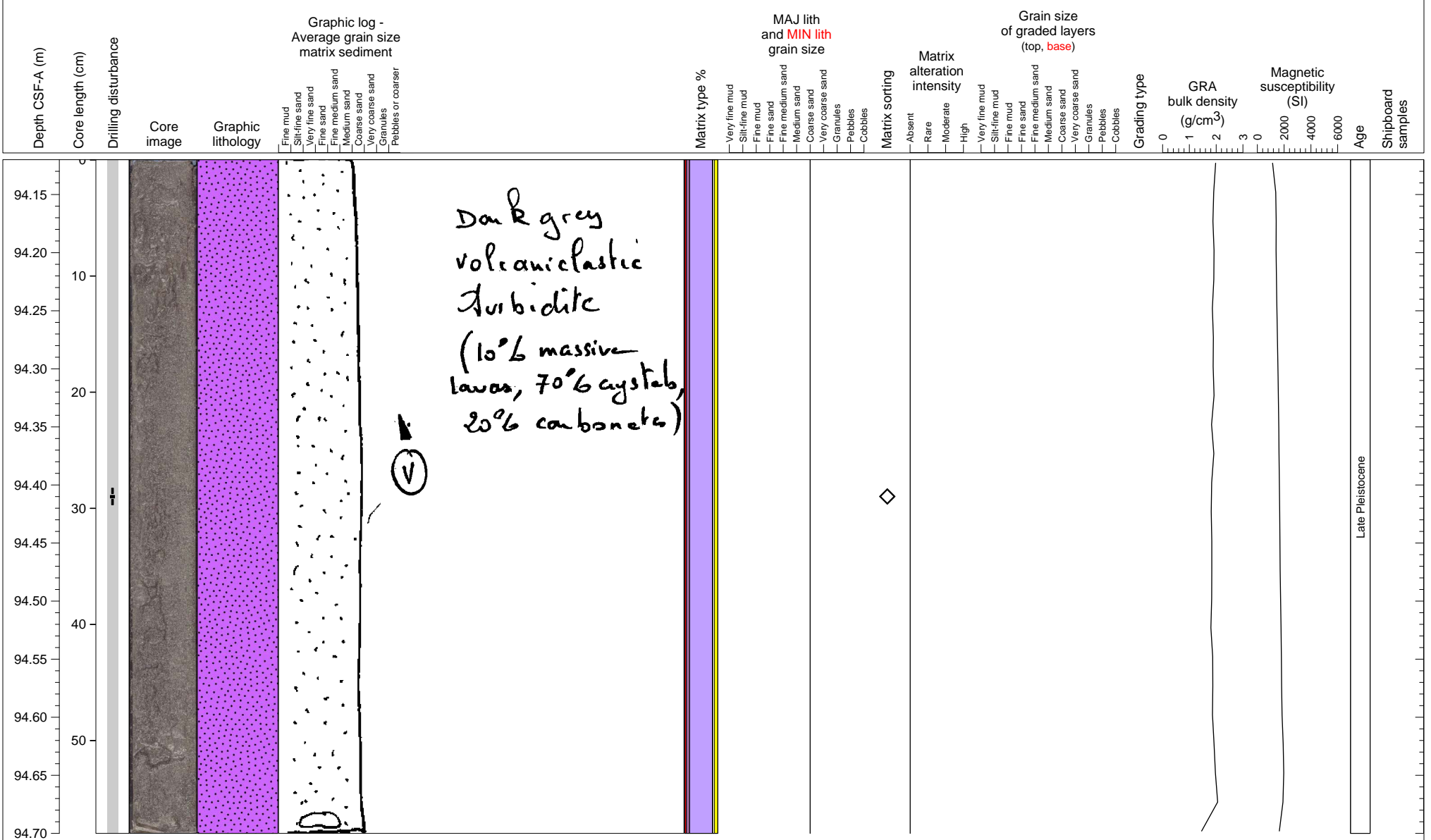
Thick volcanoclastic sand unit (turbidite) overlying thin hemipelagic sediment.



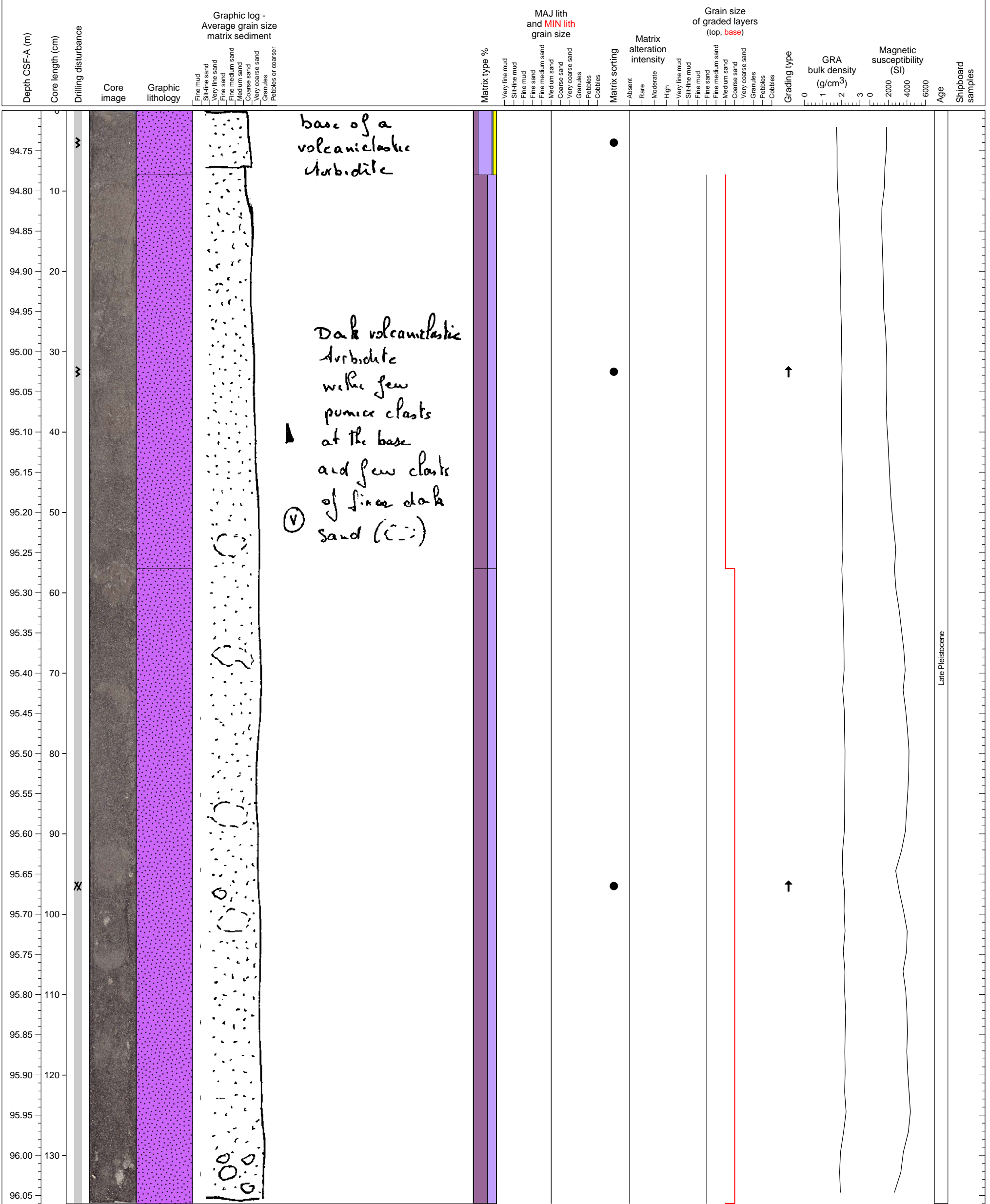
Intercalation of volcanic sand and hemipelagic sediment



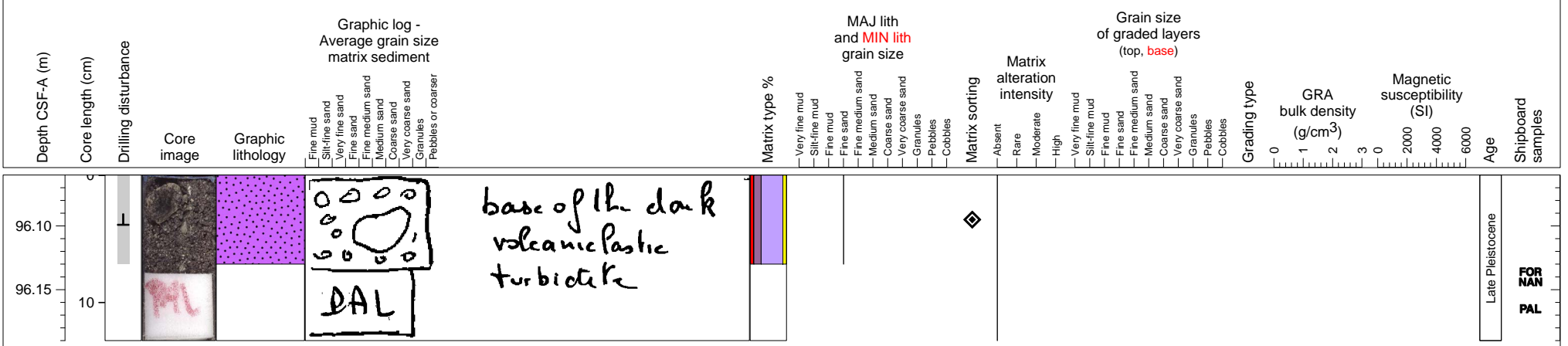
Volcaniclastic sand unit, rich in crystals.



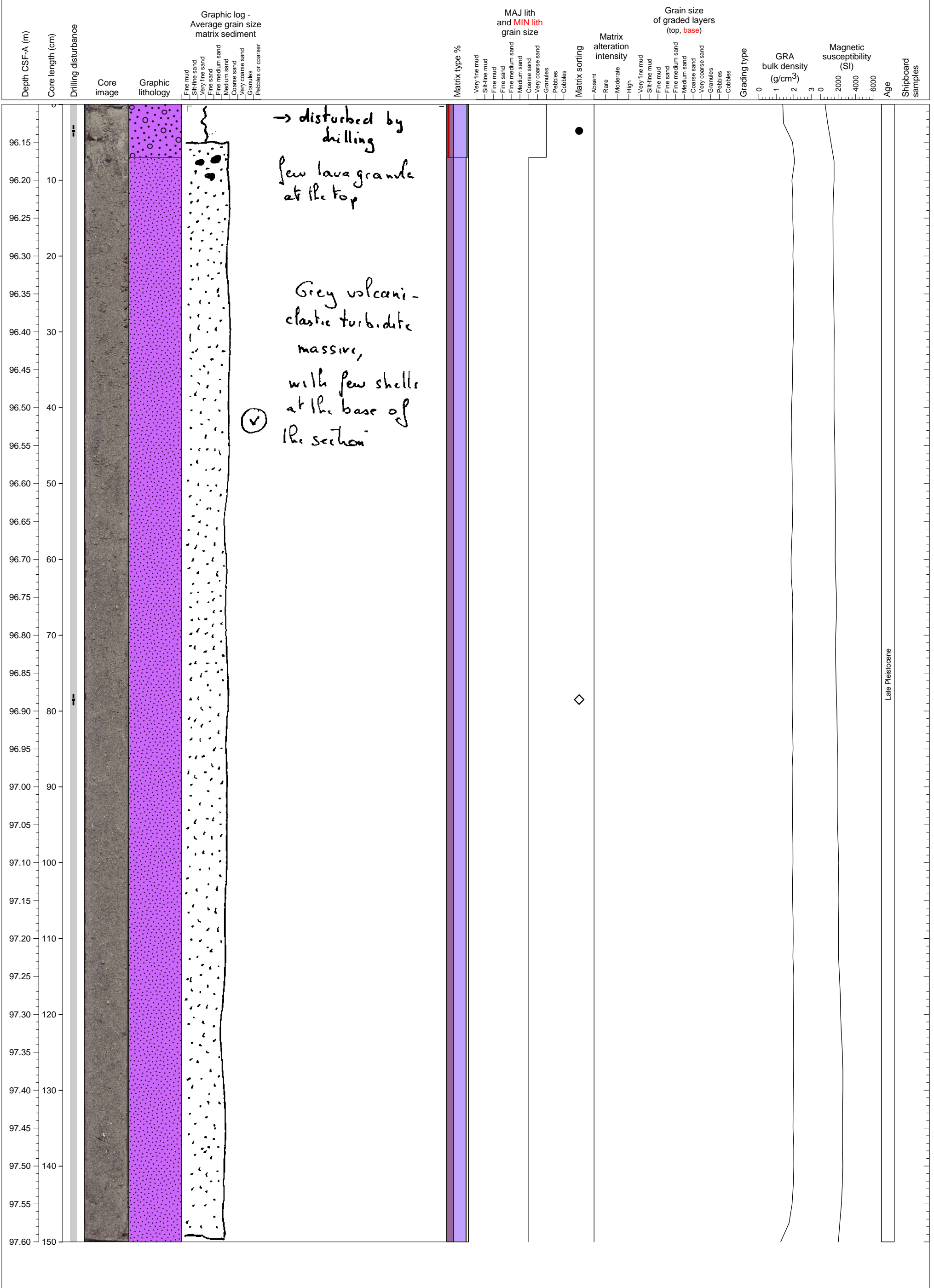
Volcaniclastic turbidite containing pumice and sediment clasts



Coarse volcanoclastic sand with few pumice clasts up to 20 mm.



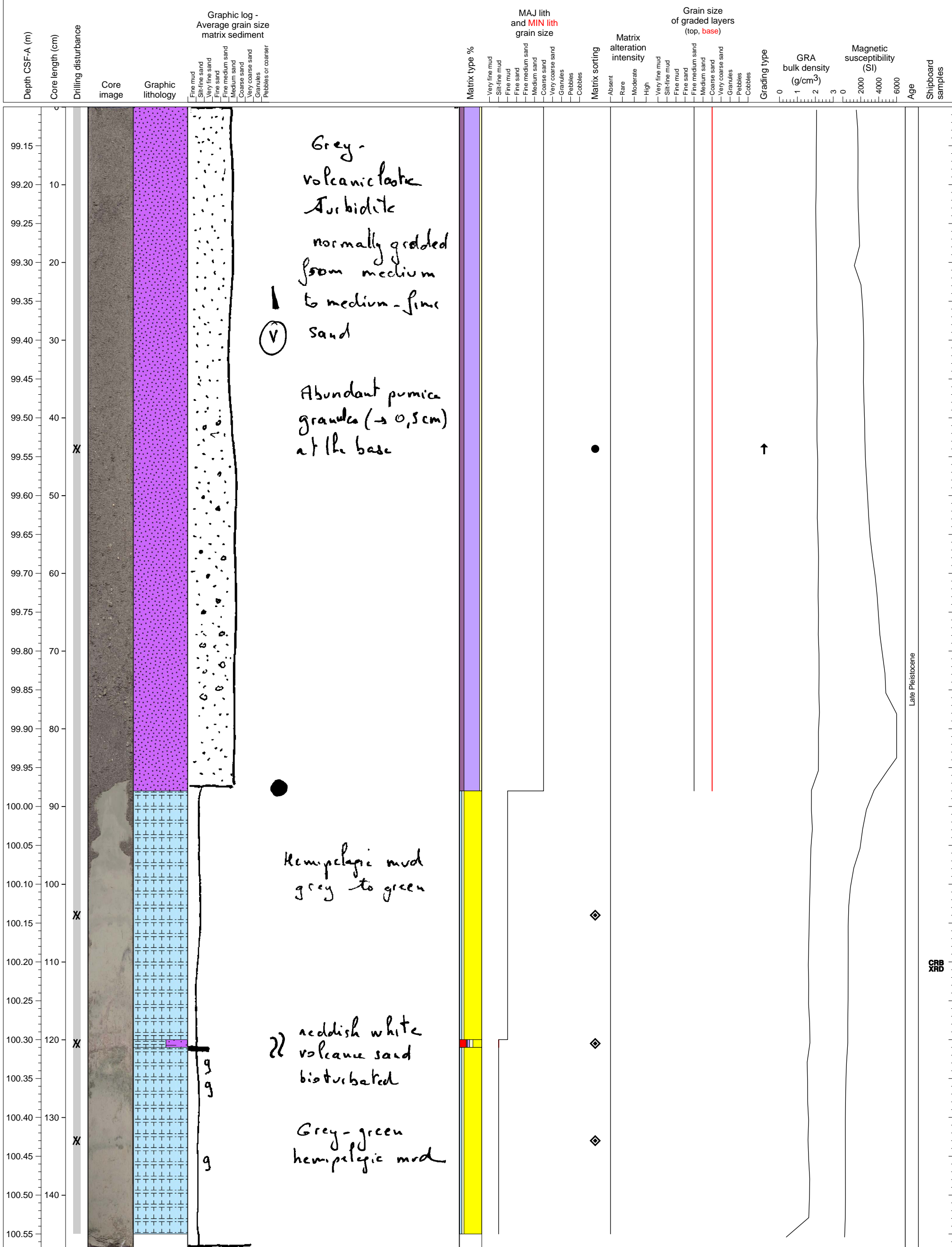
Part of thick volcanoclastic turbidite



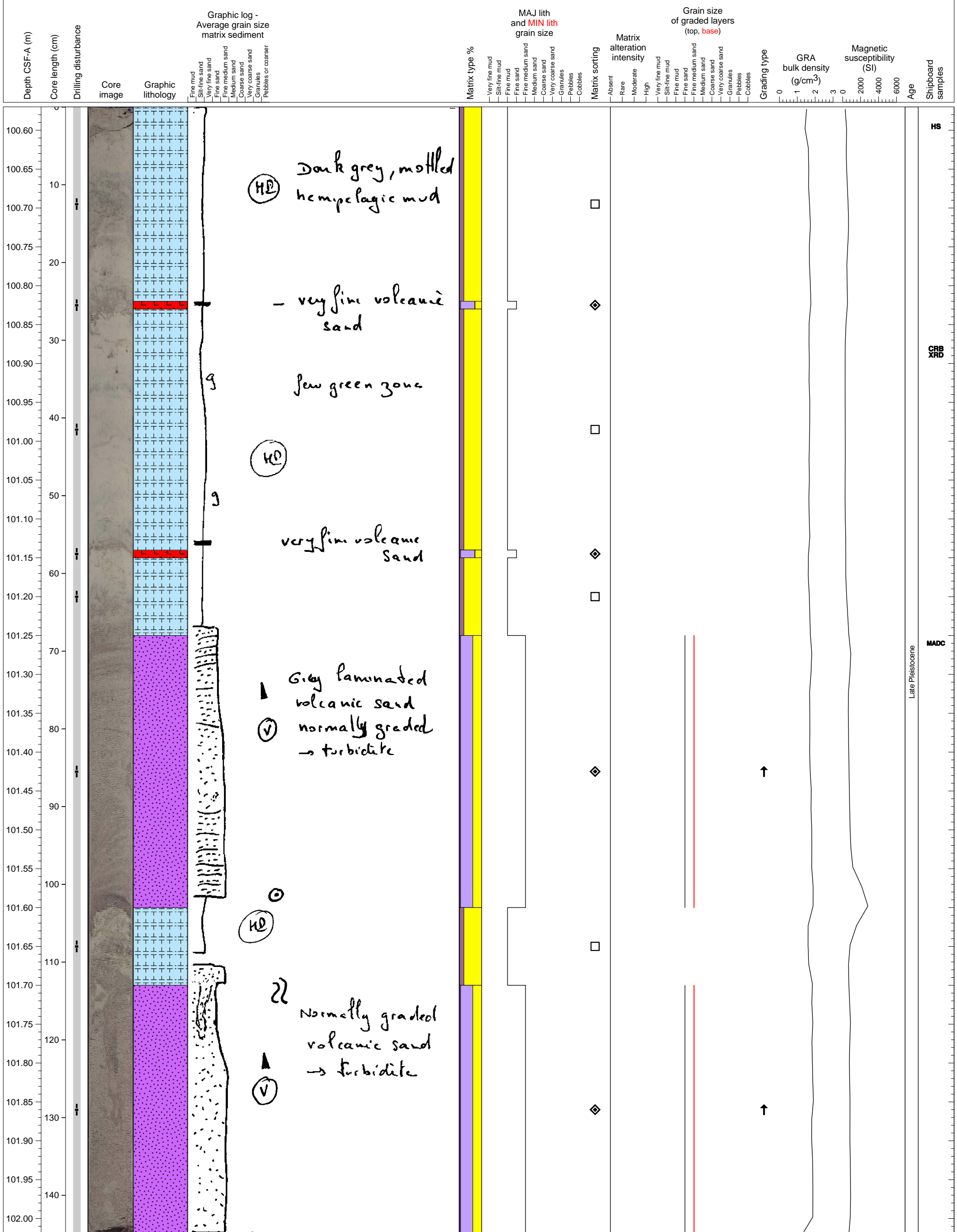
Volcaniclastic turbidite with intercalated hemipelagic sediment



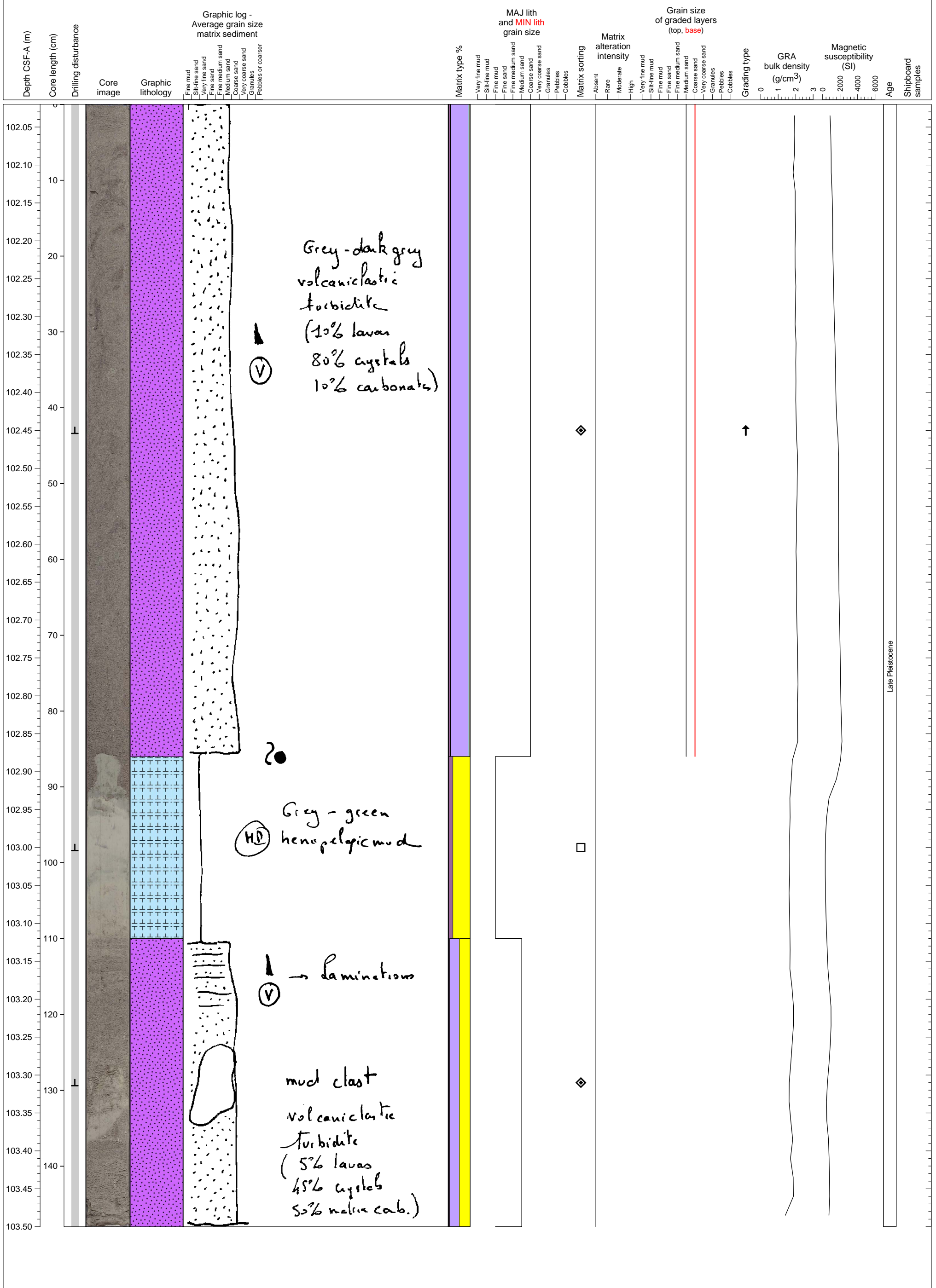
Volcaniclastic turbidite and hemipelagic sediment



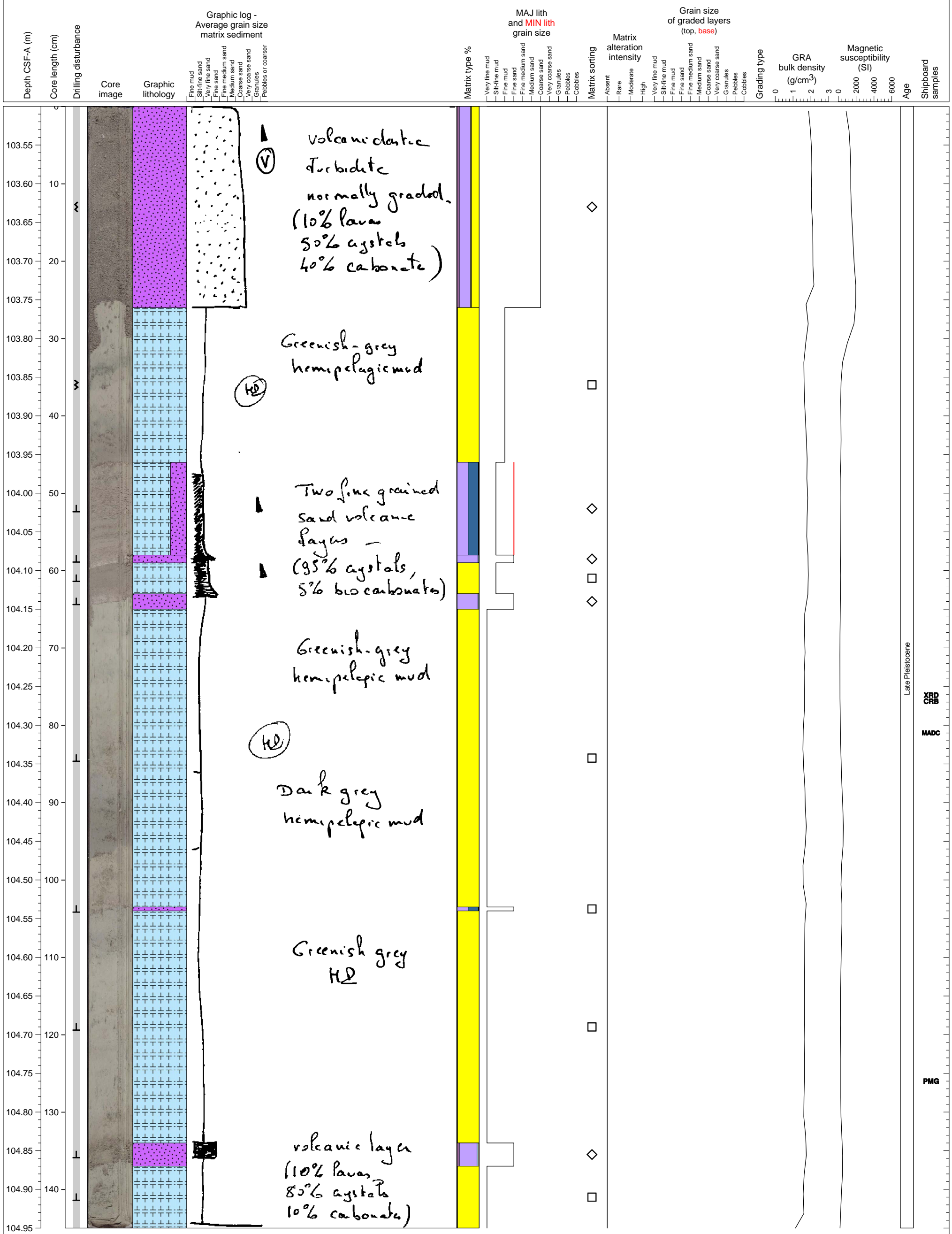
Hemipelagic sediment with thin ash layers, a sequence of thinly bedded ash, and a volcaniclastic turbidite.



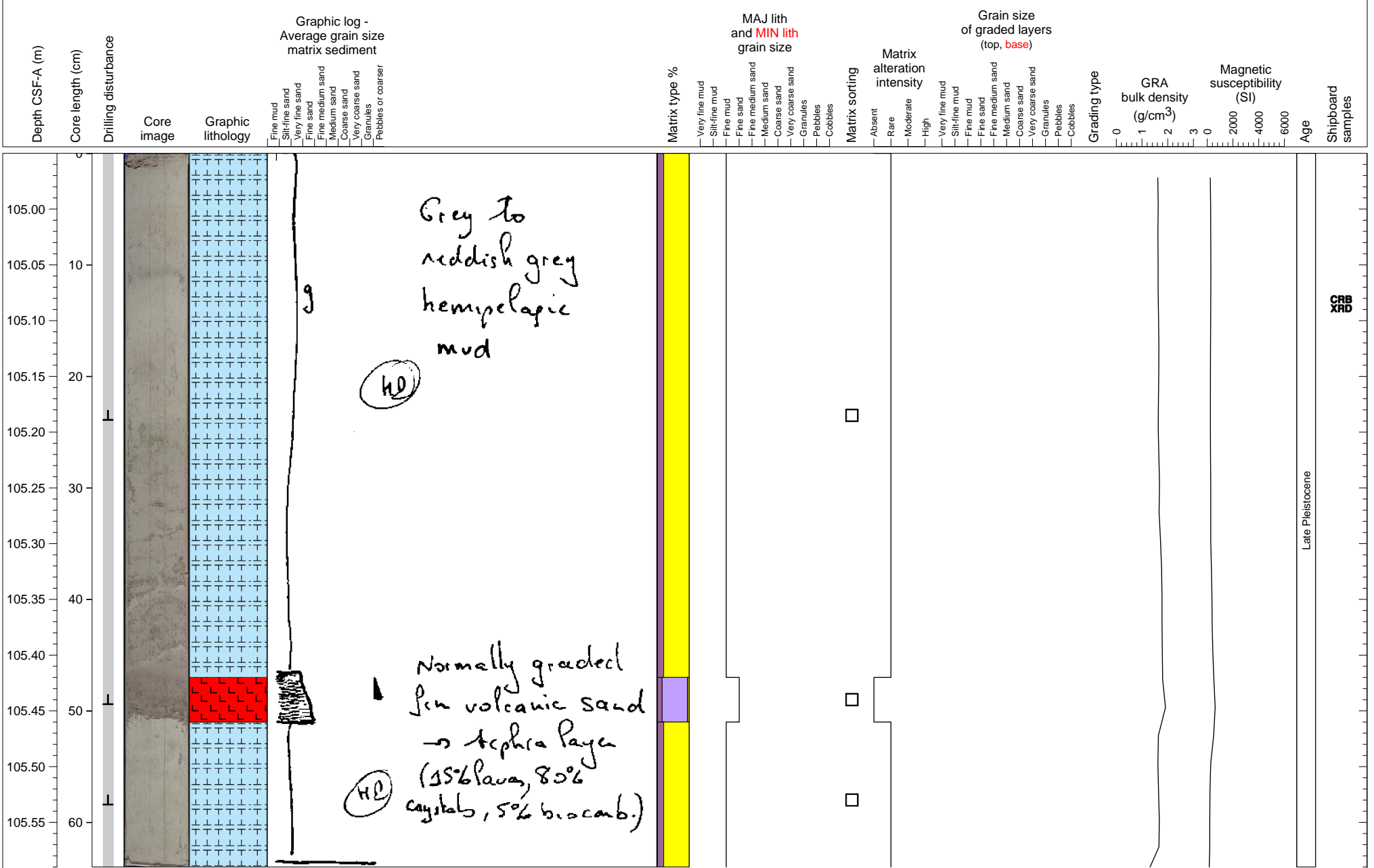
Two volcanoclastic turbidites with a thin hemipelagic unit inbetween.



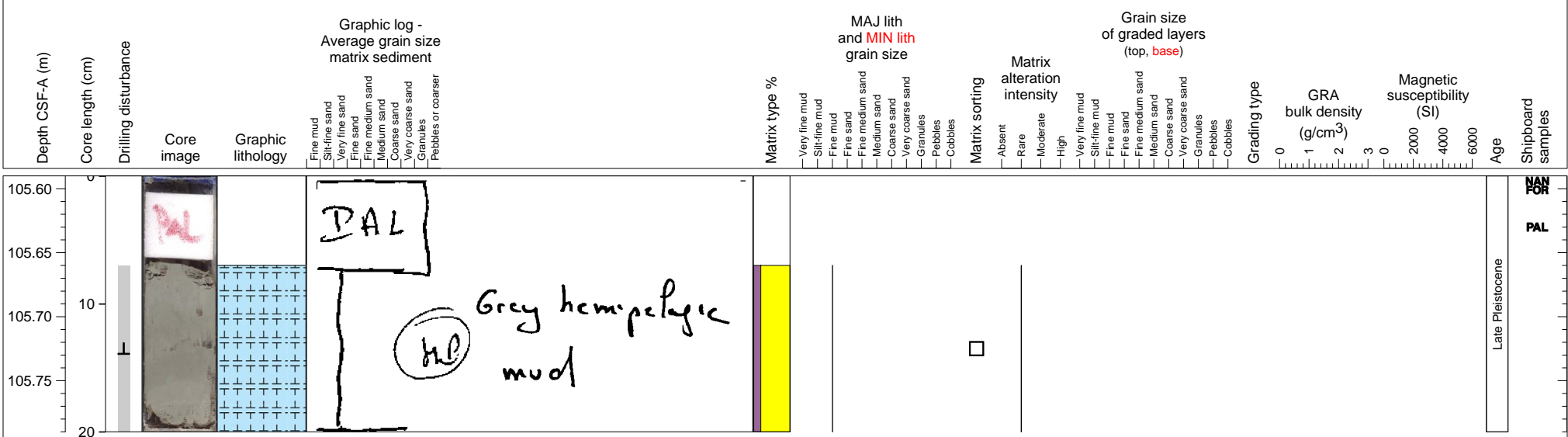
Hemipelagic sediments with several thin ashfall layers. top 30 cm is a base unit of volcanoclastic turbidite



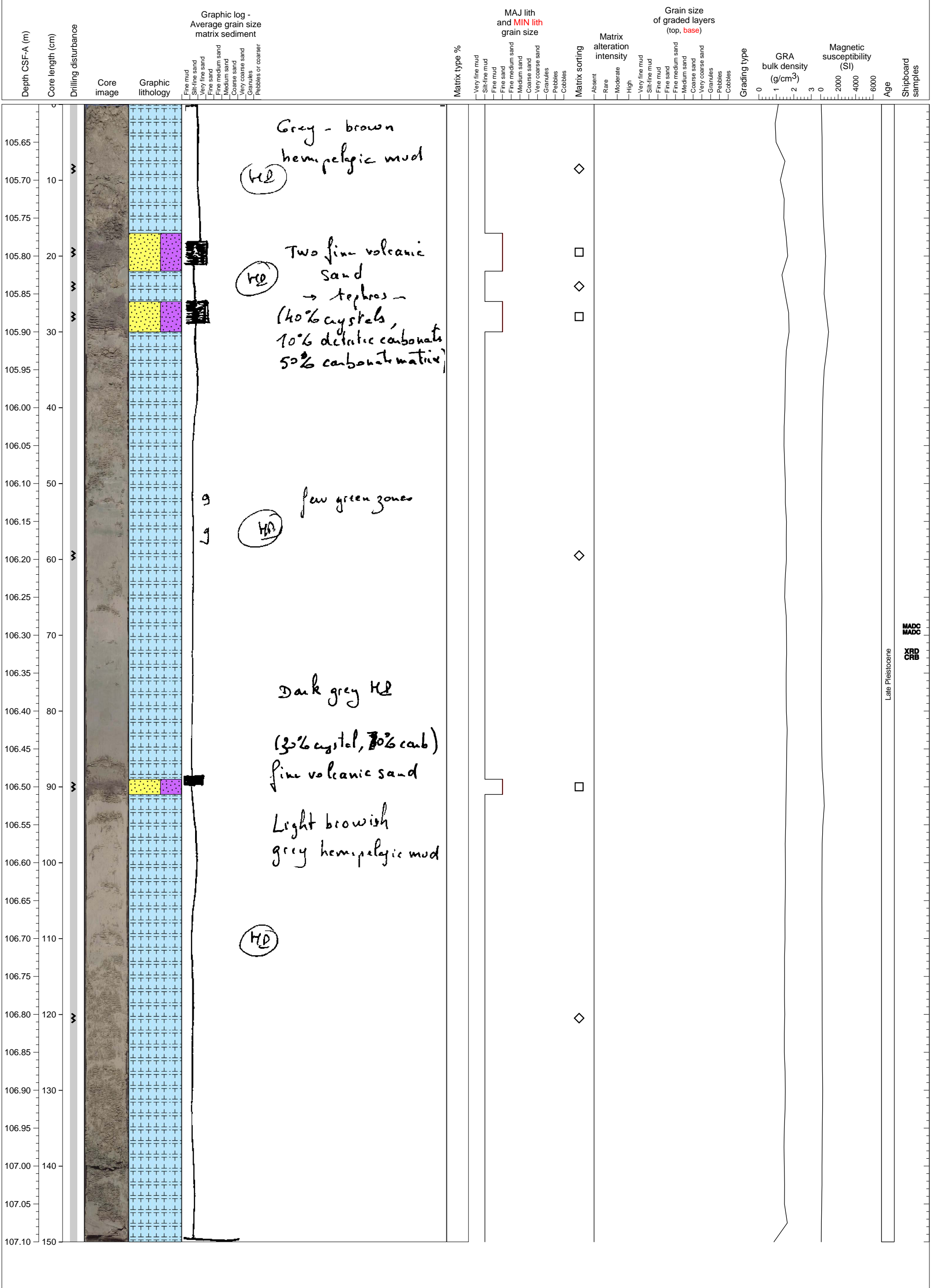
Hemipelagic sediment with a single ash layer



Hemipelagic sediment



Hemipelagic sediments with intercalated volcanoclastic sand containing considerable amounts of bioclastic materials



Grey - brown hemipelagic mud
(H2)

Two fine volcanic sand
→ tephros -
(40% crystals, 10% detritic carbonates, 50% carbonate matrix)

few green zones
(H3)

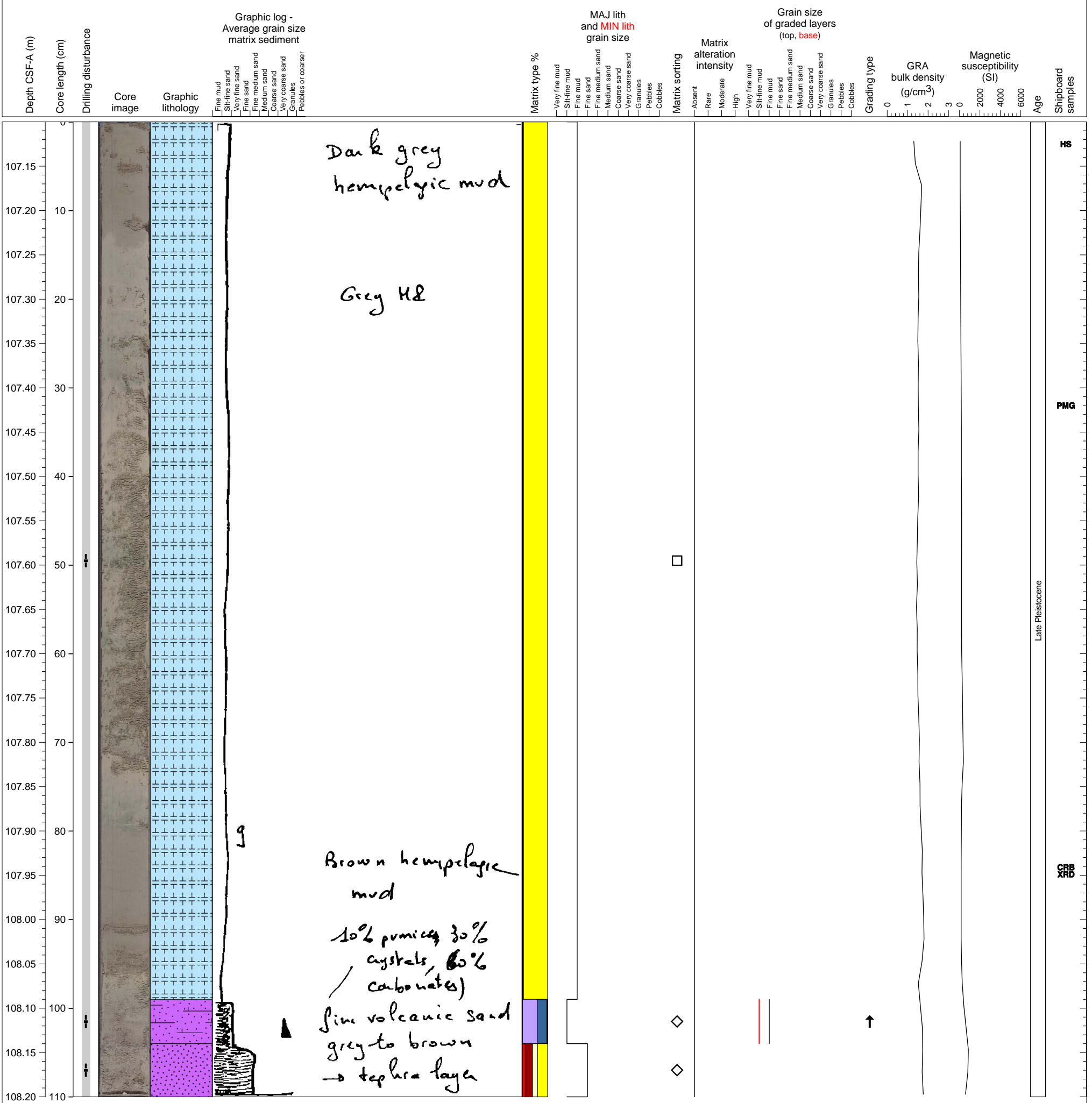
Dark grey H2
(30% crystal, 70% carb)
fine volcanic sand

Light brownish grey hemipelagic mud

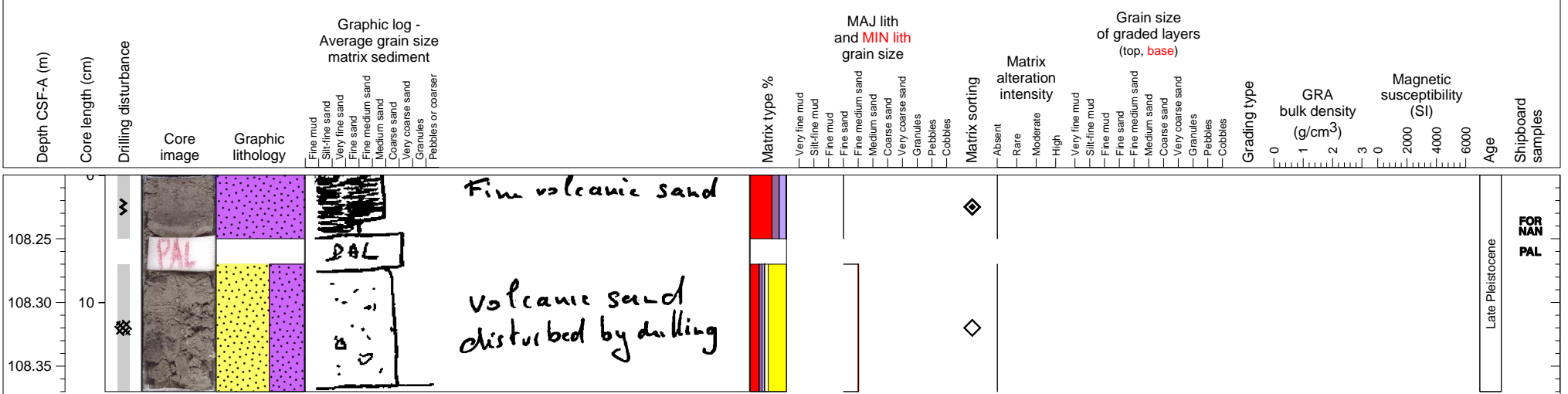
(H4)

MADC
MADC
XRD
CRB
Late Pleistocene

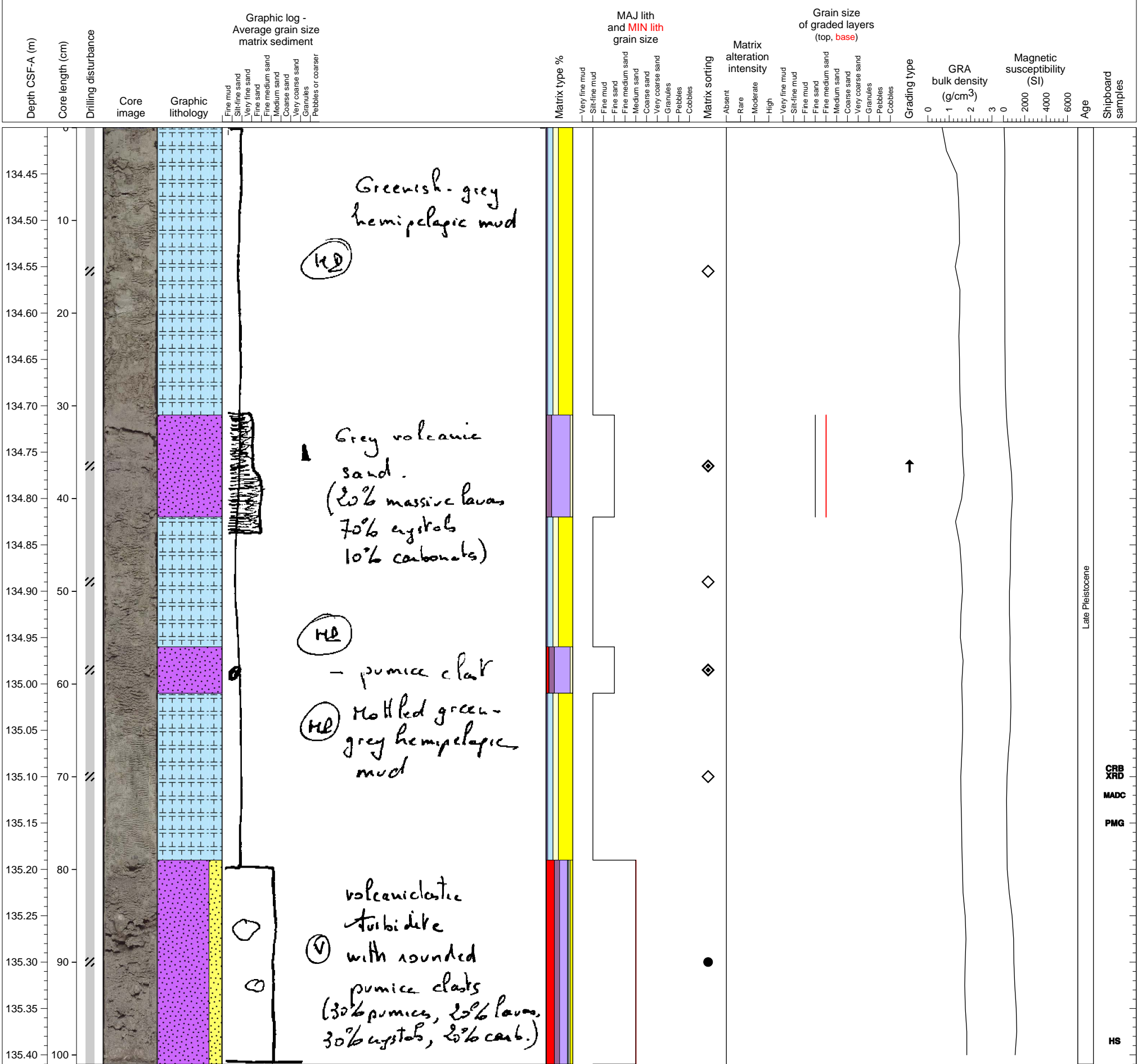
Hemipelagic fine sediment with thin volcanic ashfall or volcanoclastic turbidite facies at the bottom of the section



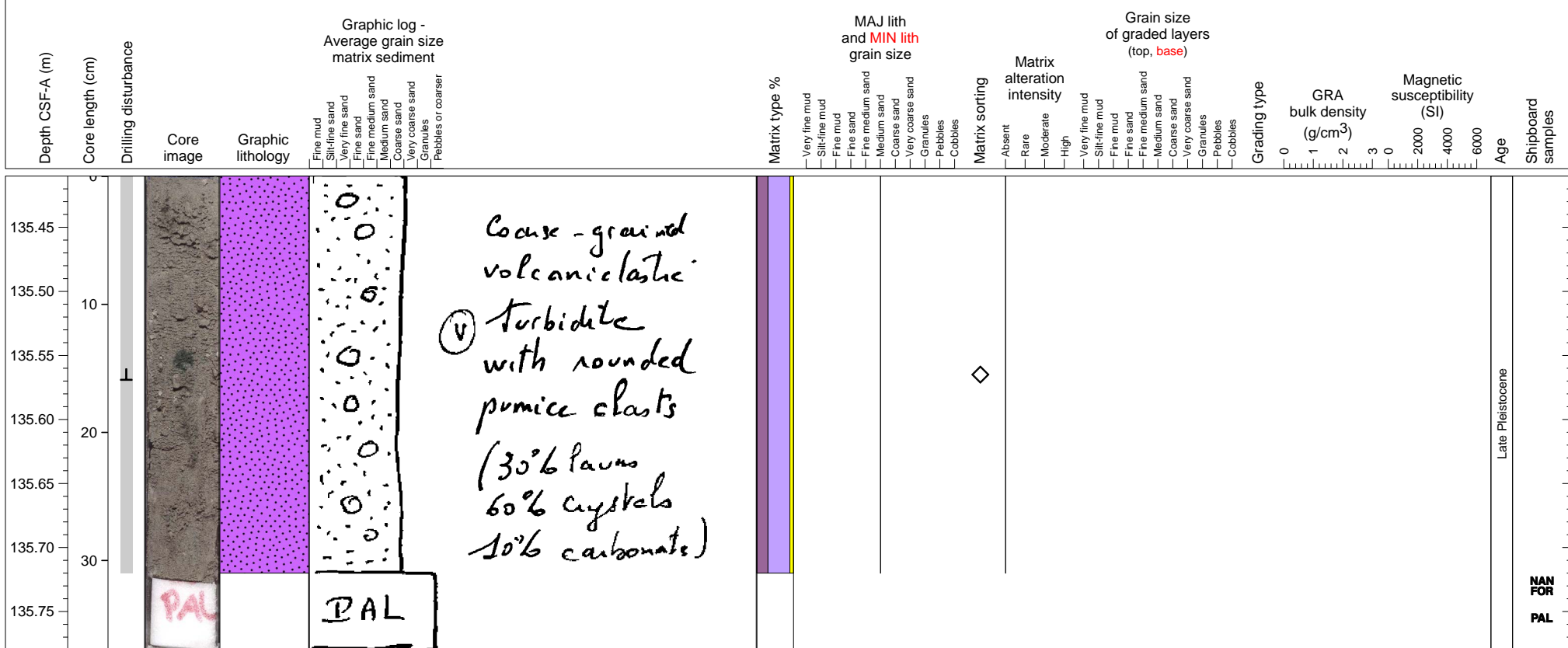
Base of laminated tephra and mix of bioclastic and volcanoclastic materials



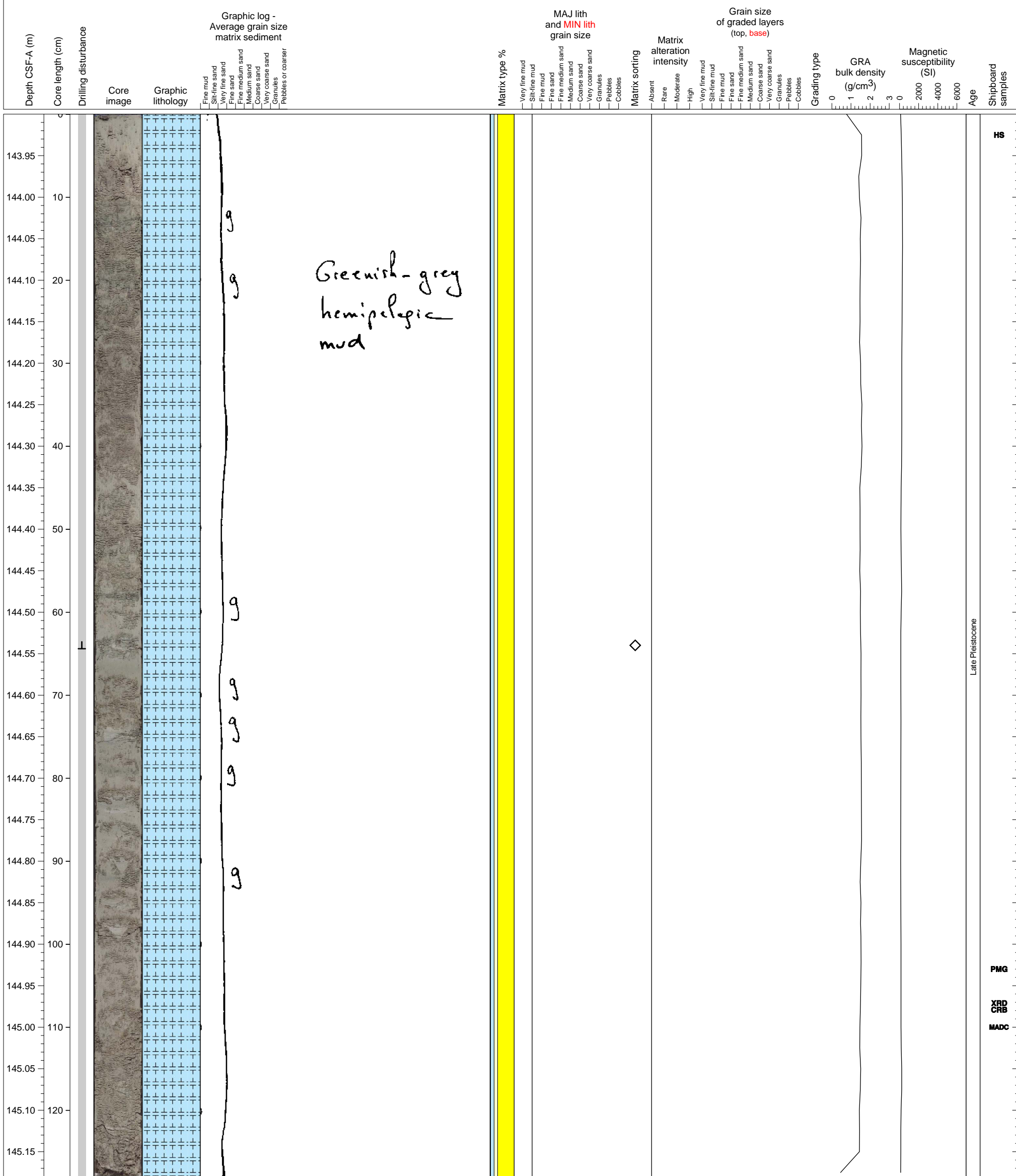
Intercalation of hemipelagic sediments and volcanoclastic sand layers



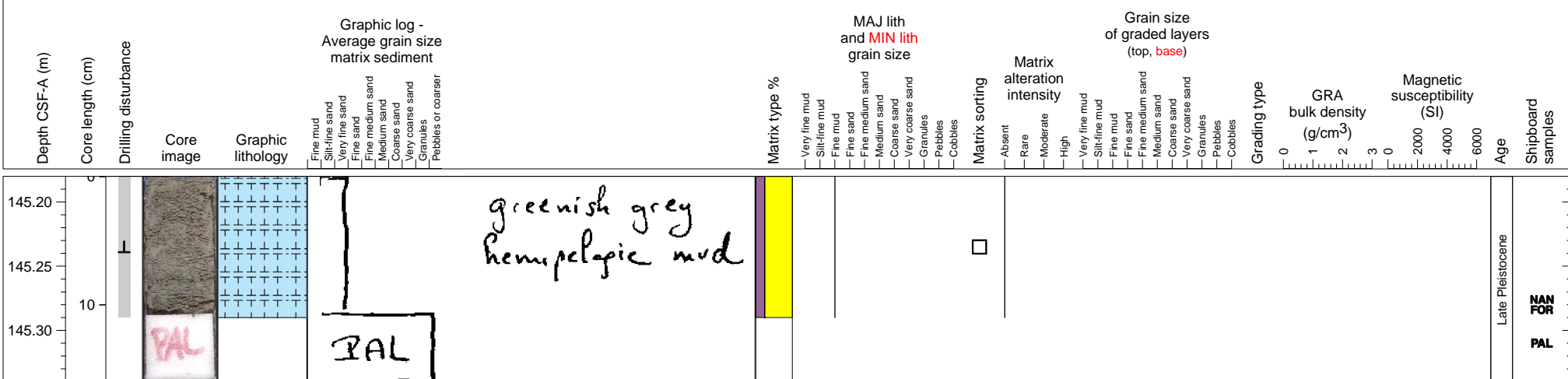
Volcaniclastic turbidite



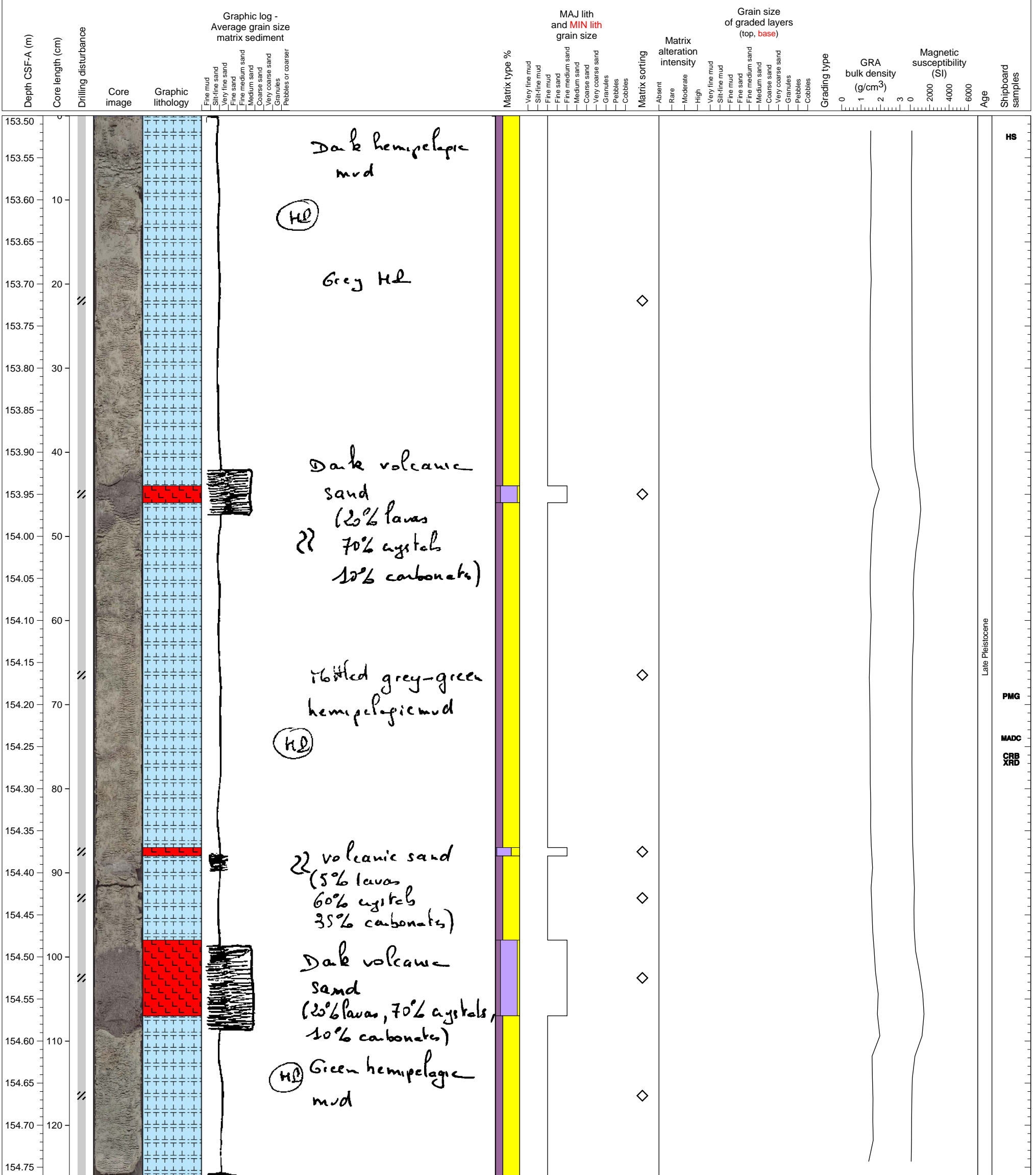
Mottled hemipelagic sediment



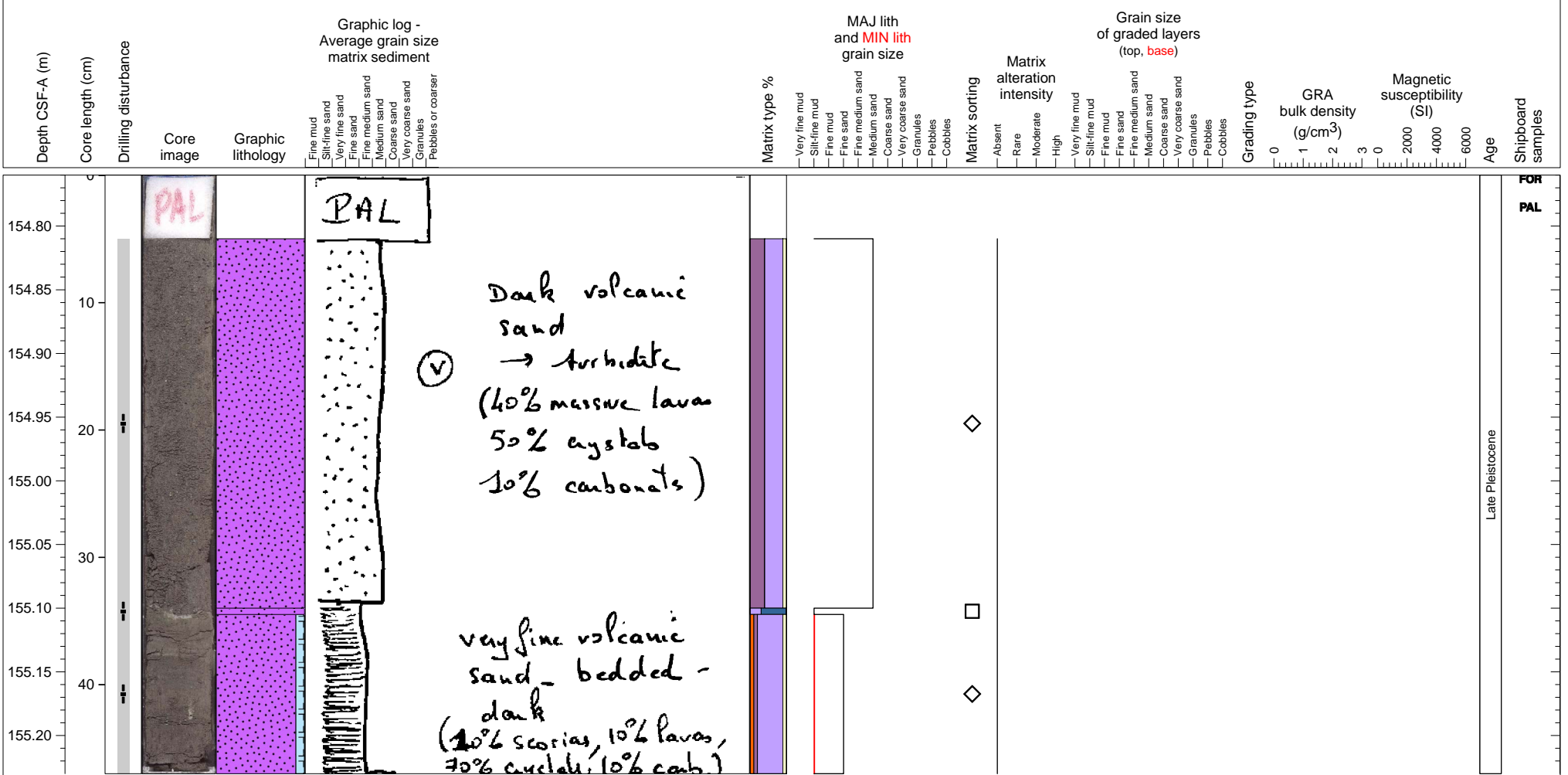
Hemipelagic sediment



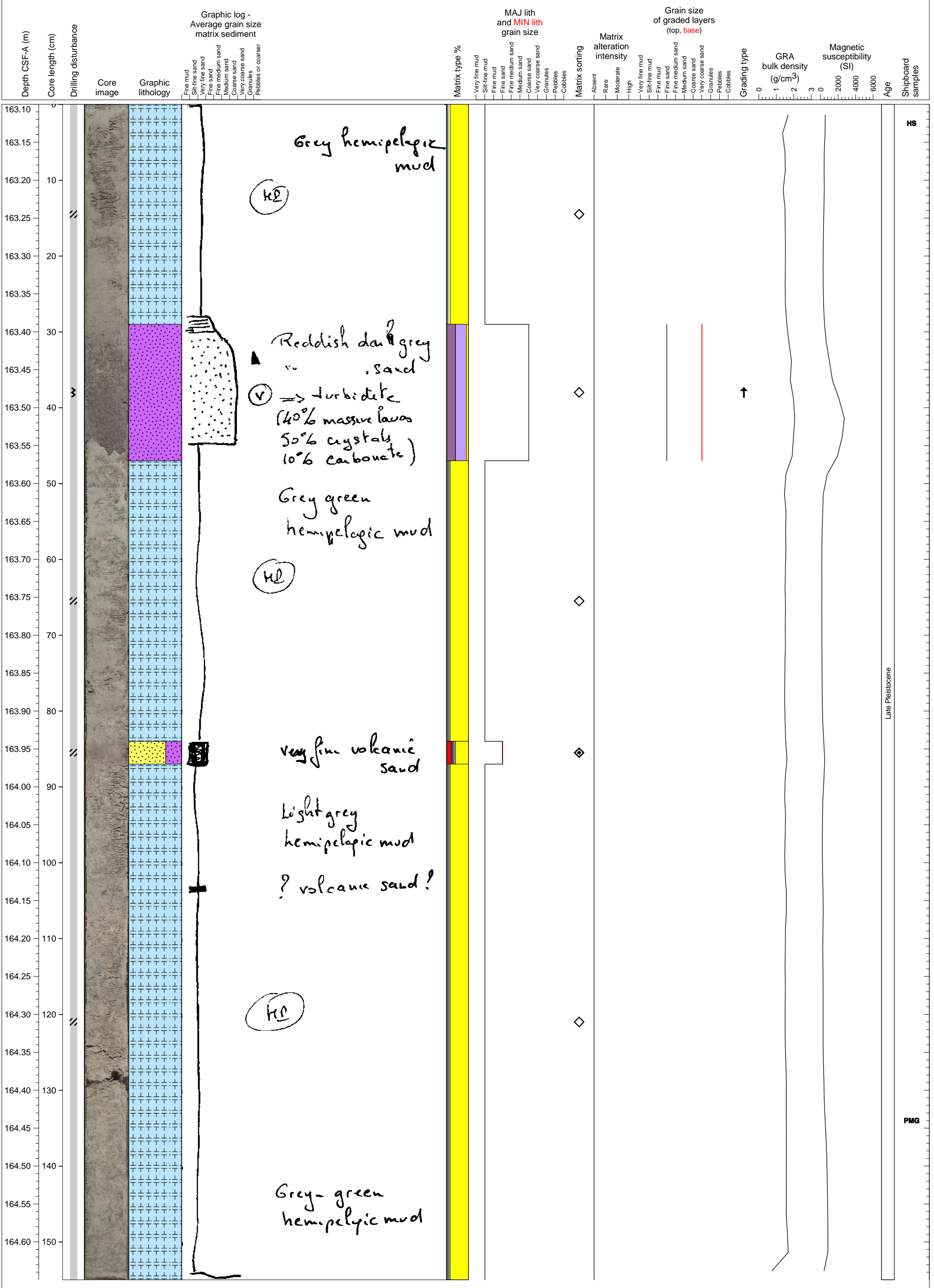
Hemipelagic sediments with three thin ash layers.



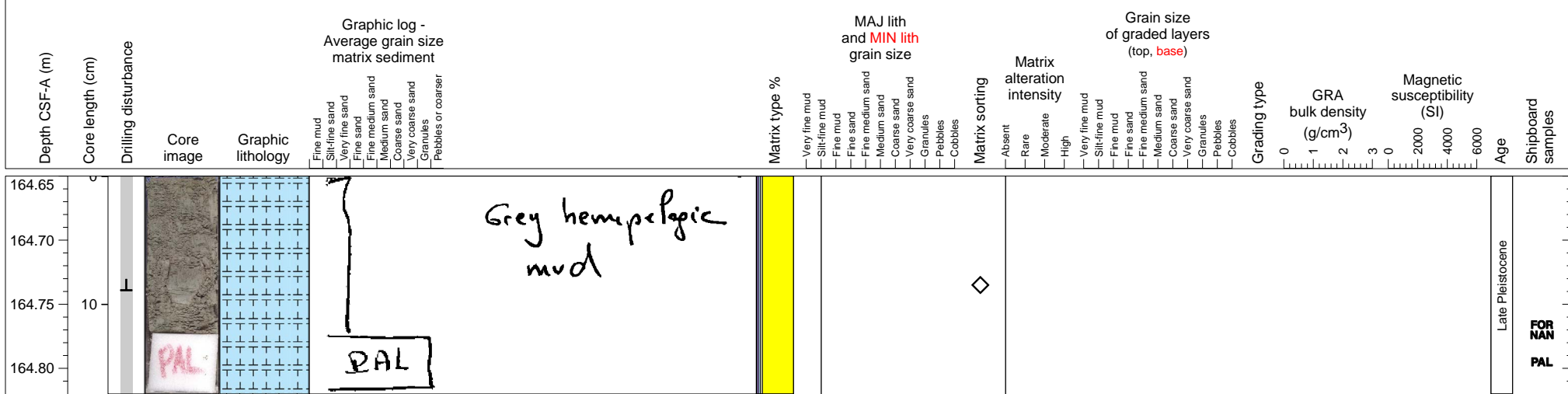
Volcaniclastic turbidite with ashfall at the base of core catcher



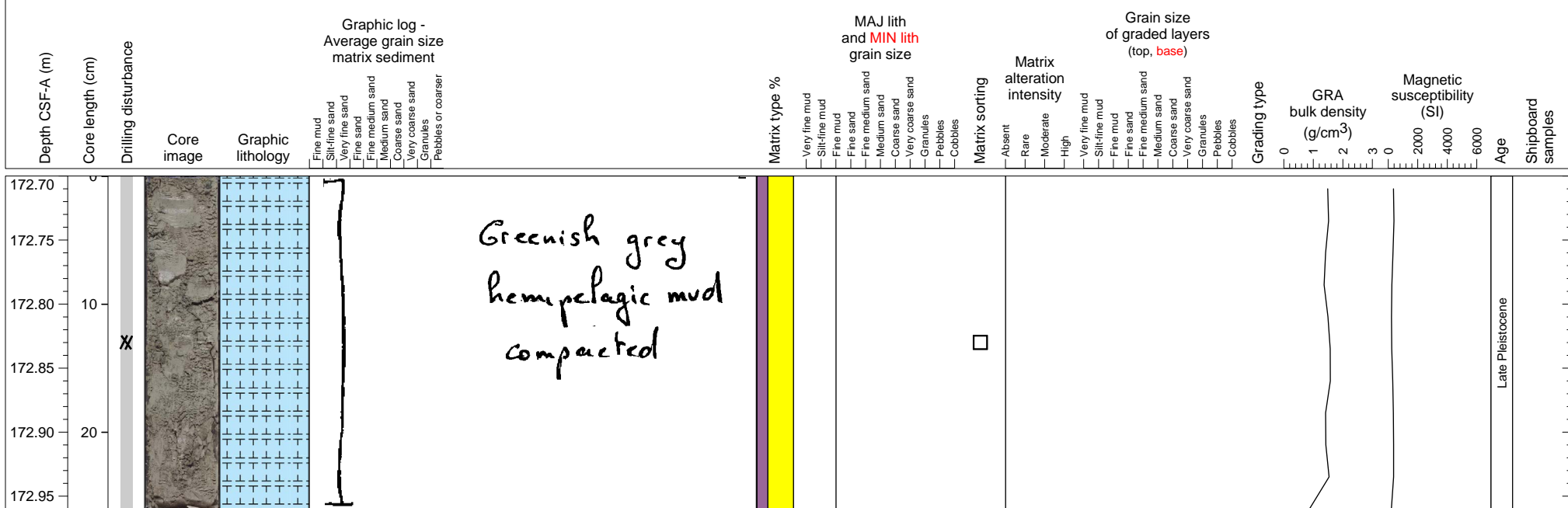
Mottled hemipelagic sediments with intercalated volcanoclasticsand layers



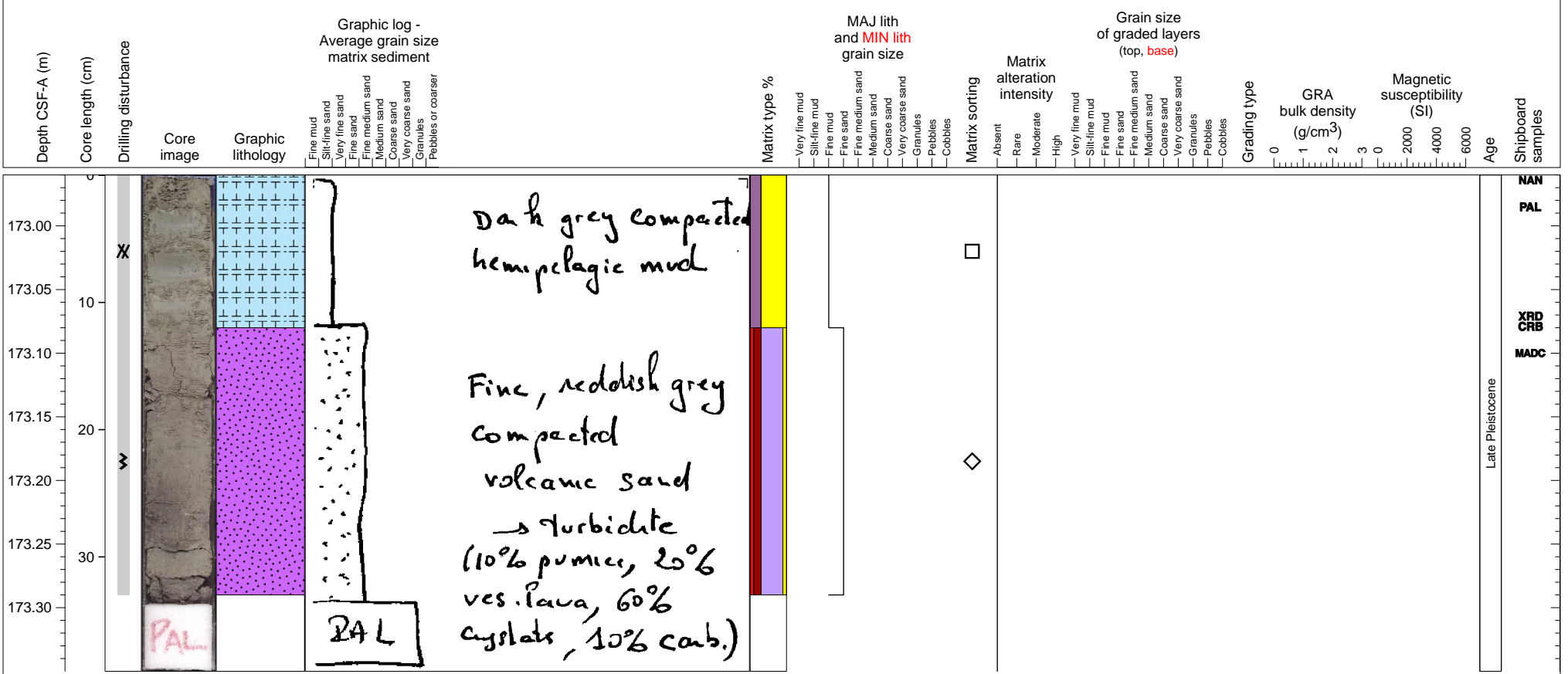
Silty hemipelagic sediment



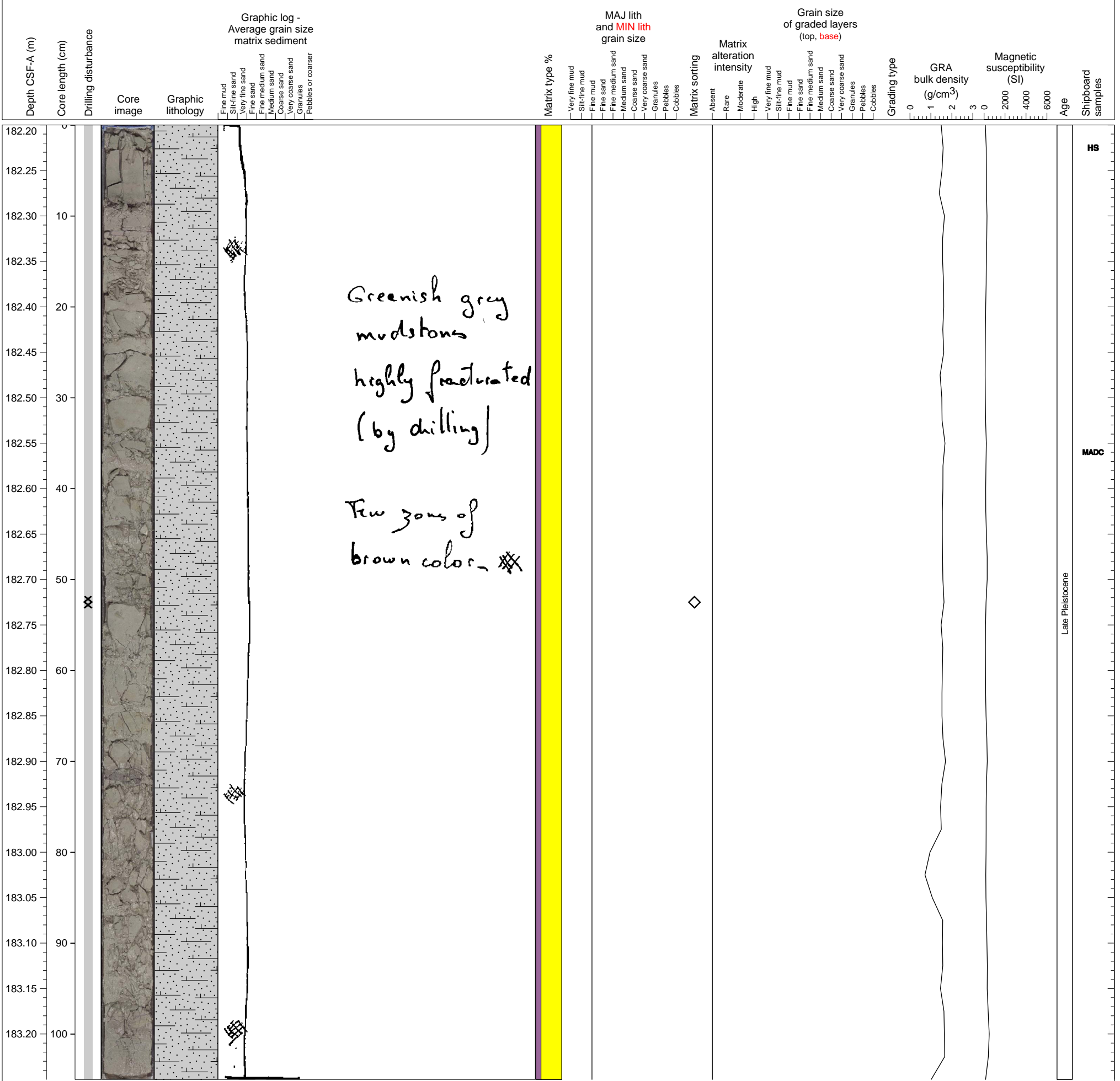
Disturbed hemipelagic sediment



Hemipelagic sediment and a volcanoclastic turbidite.



Highly fractured (by cutting) mudstone.



Greenish grey mudstones highly fractured (by drilling)

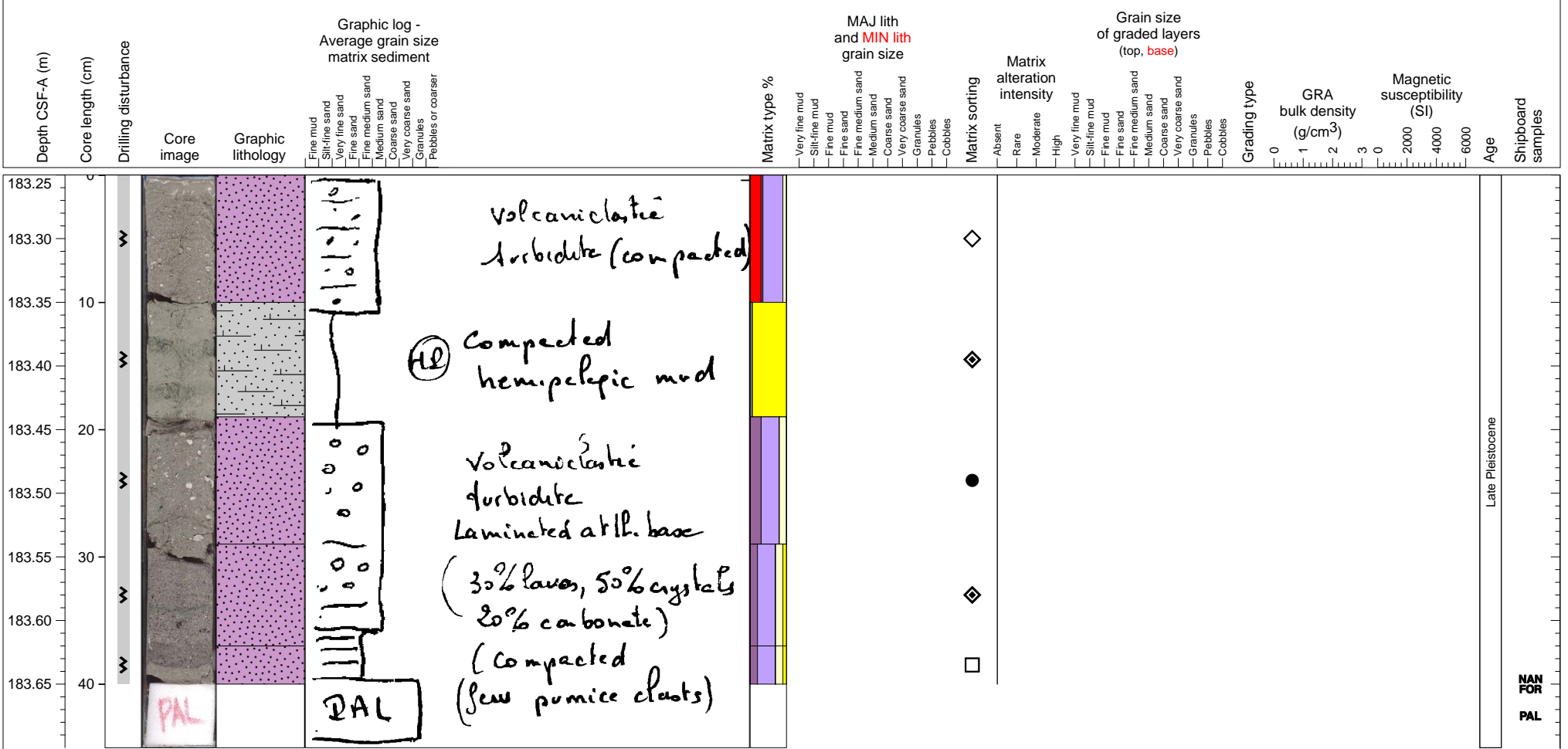
Few zones of brown color

Late Pleistocene

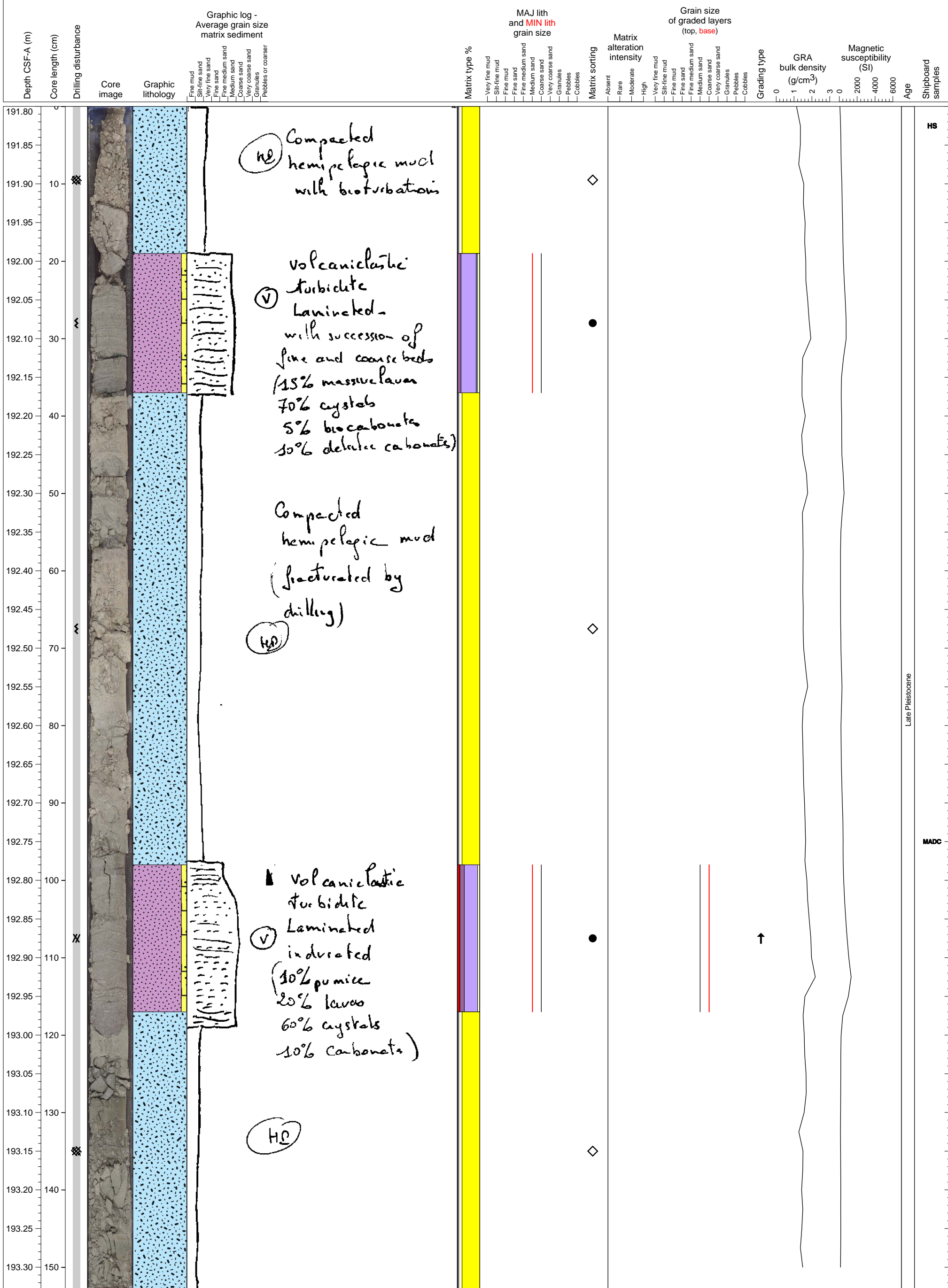
HS

MADC

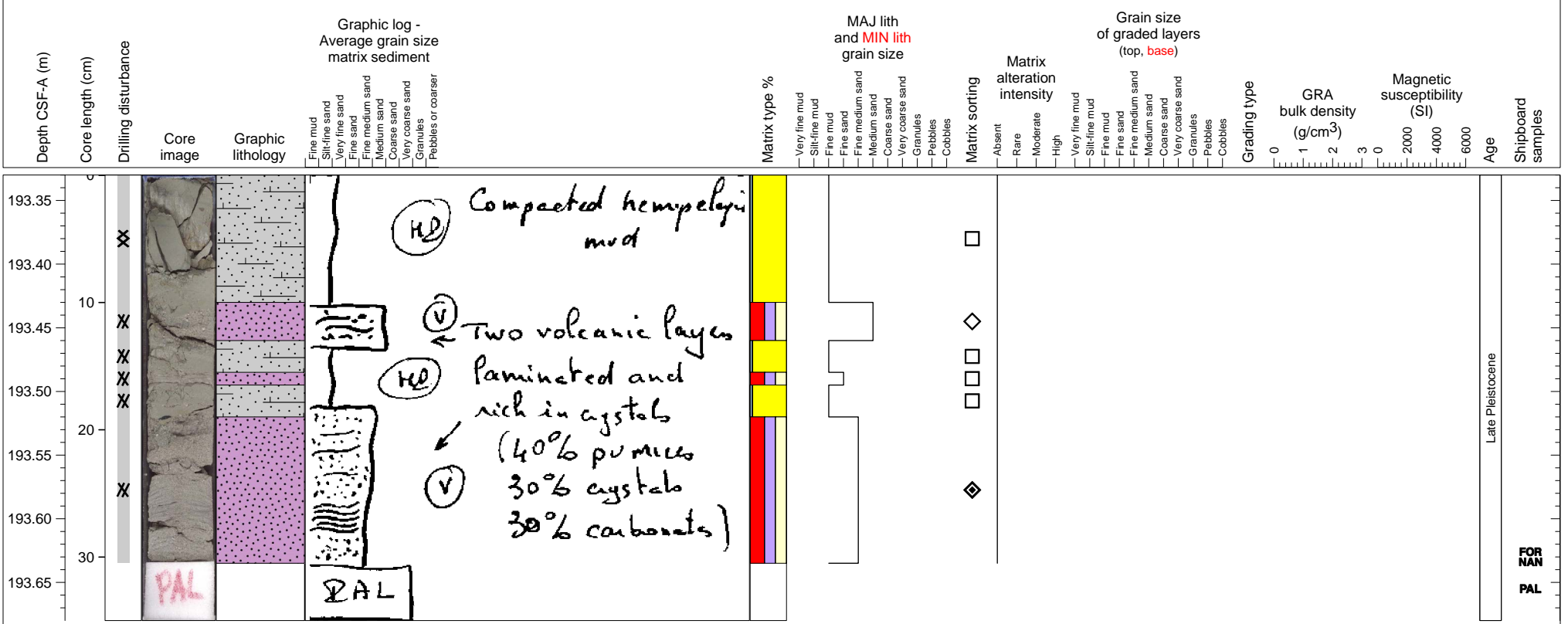
Part of volcanoclastic turbidite in core catcher



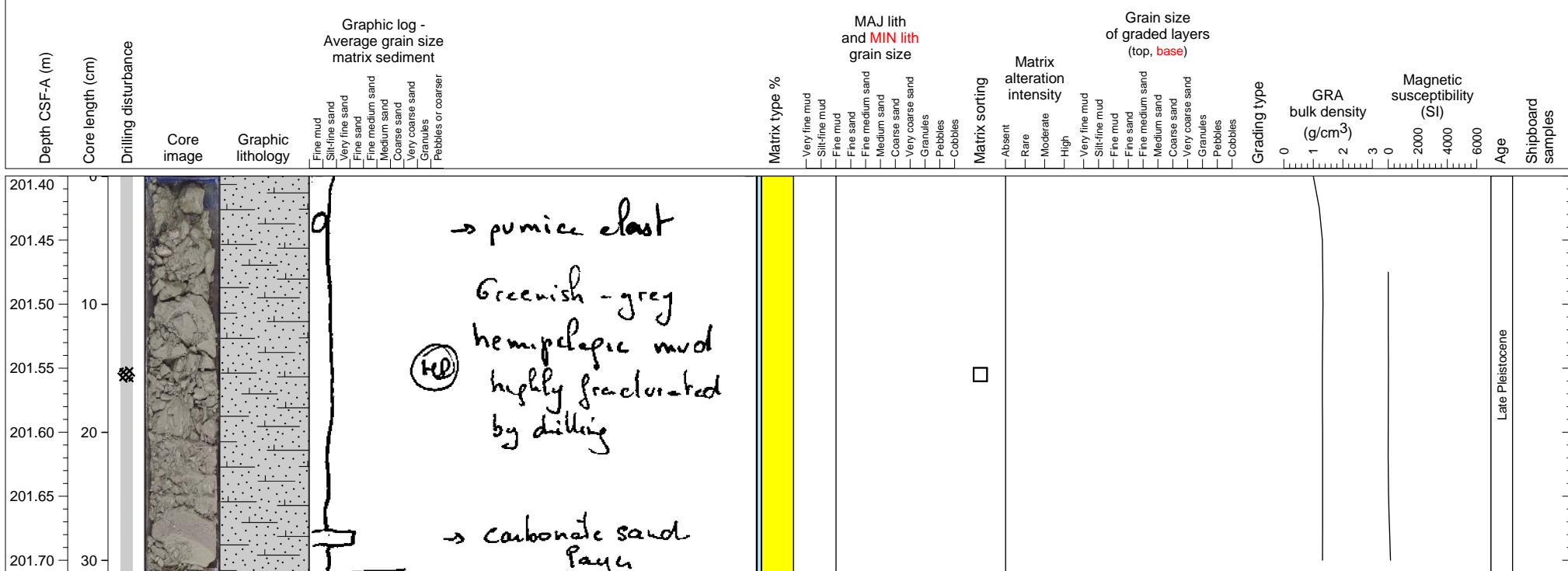
Compacted hemipelagic mudstone with intercalated laminated volcanoclastic turbidite



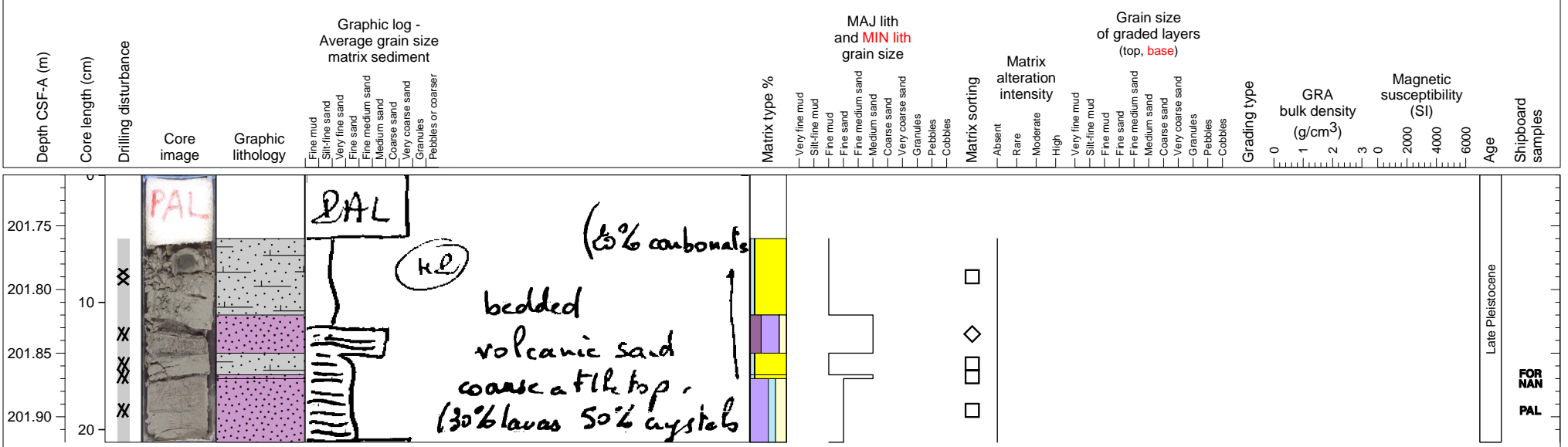
Hemipelagite with thin turbidite



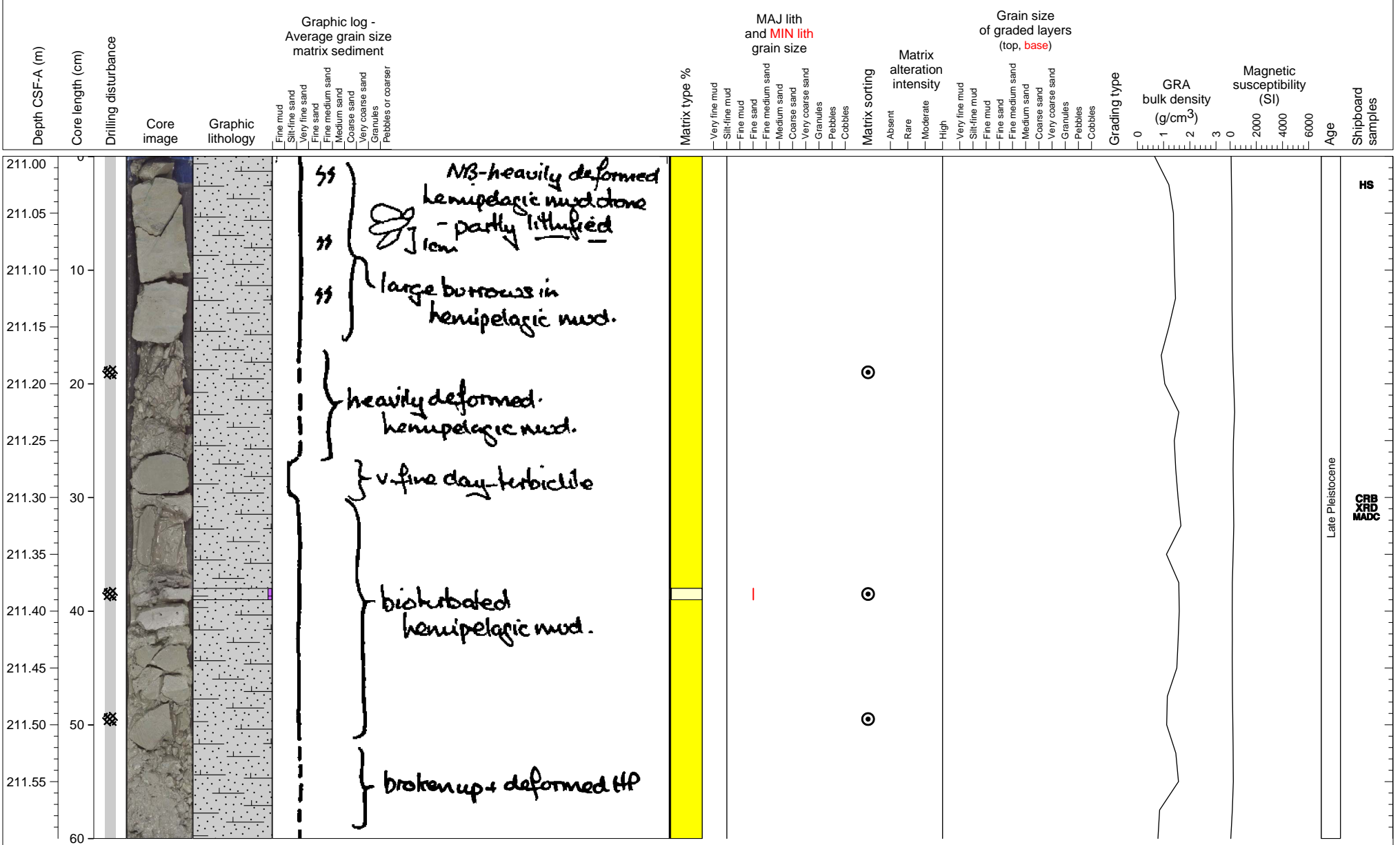
Hemipelagite



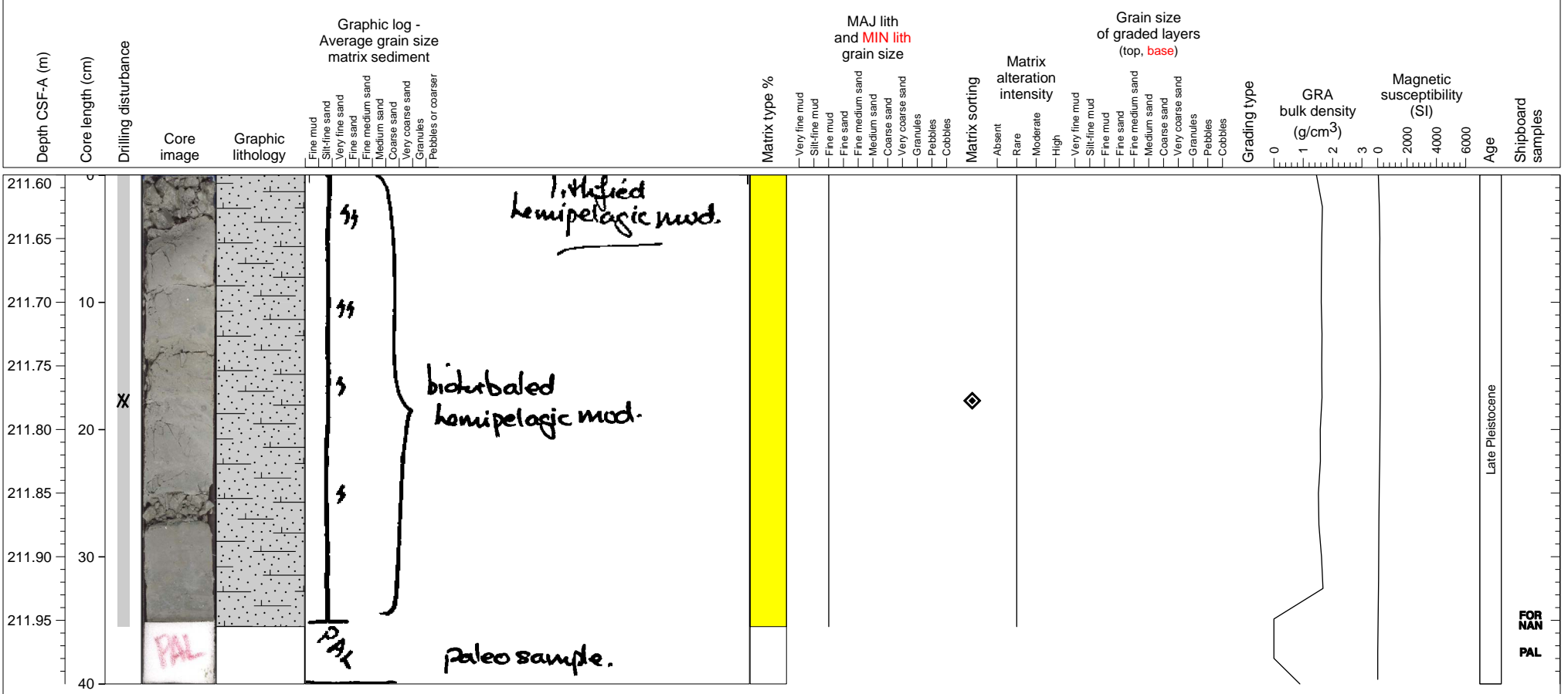
Hemipelagite with thin turbidite



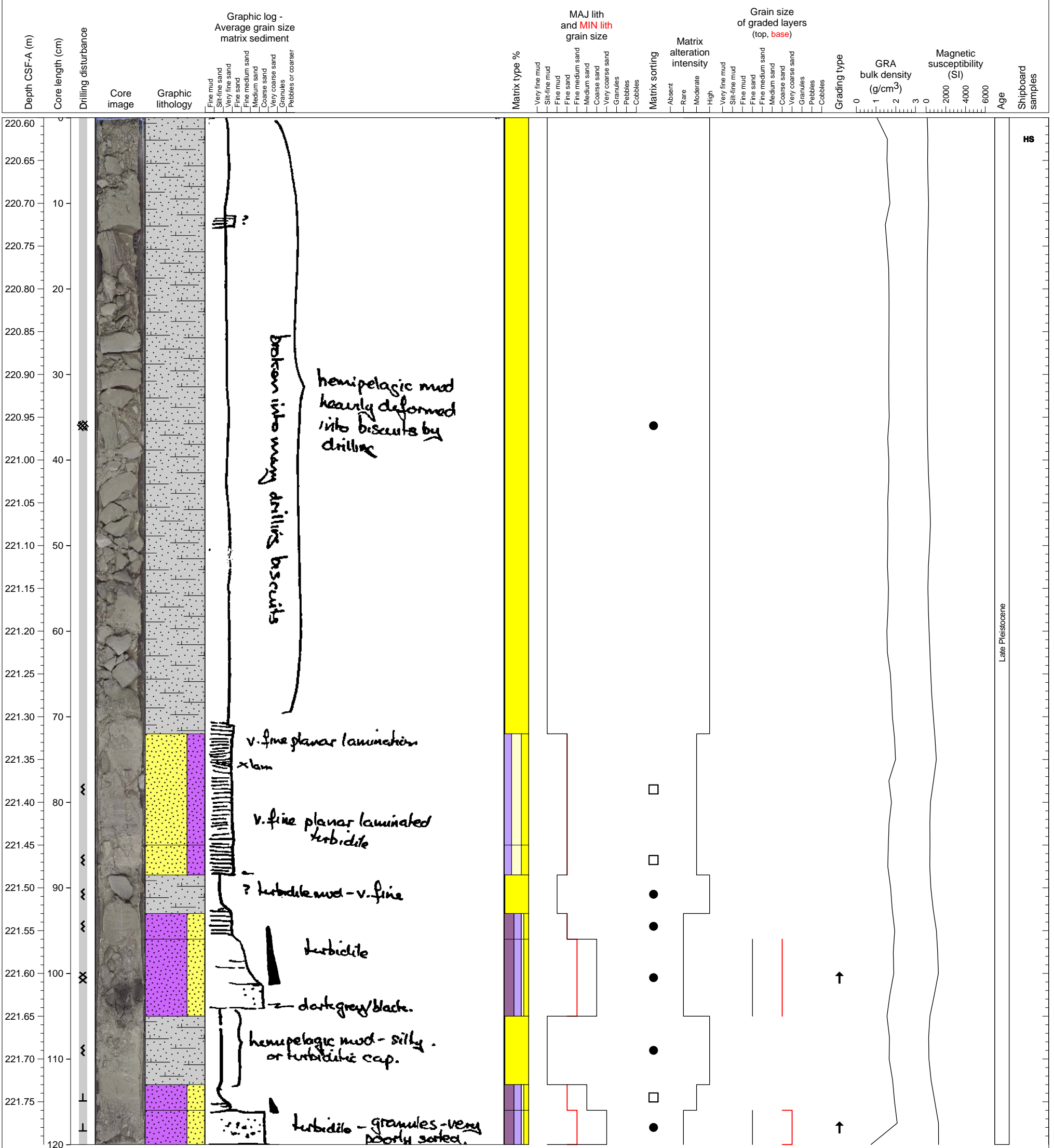
Lithified heavily bioturbated hemipelagic clay.



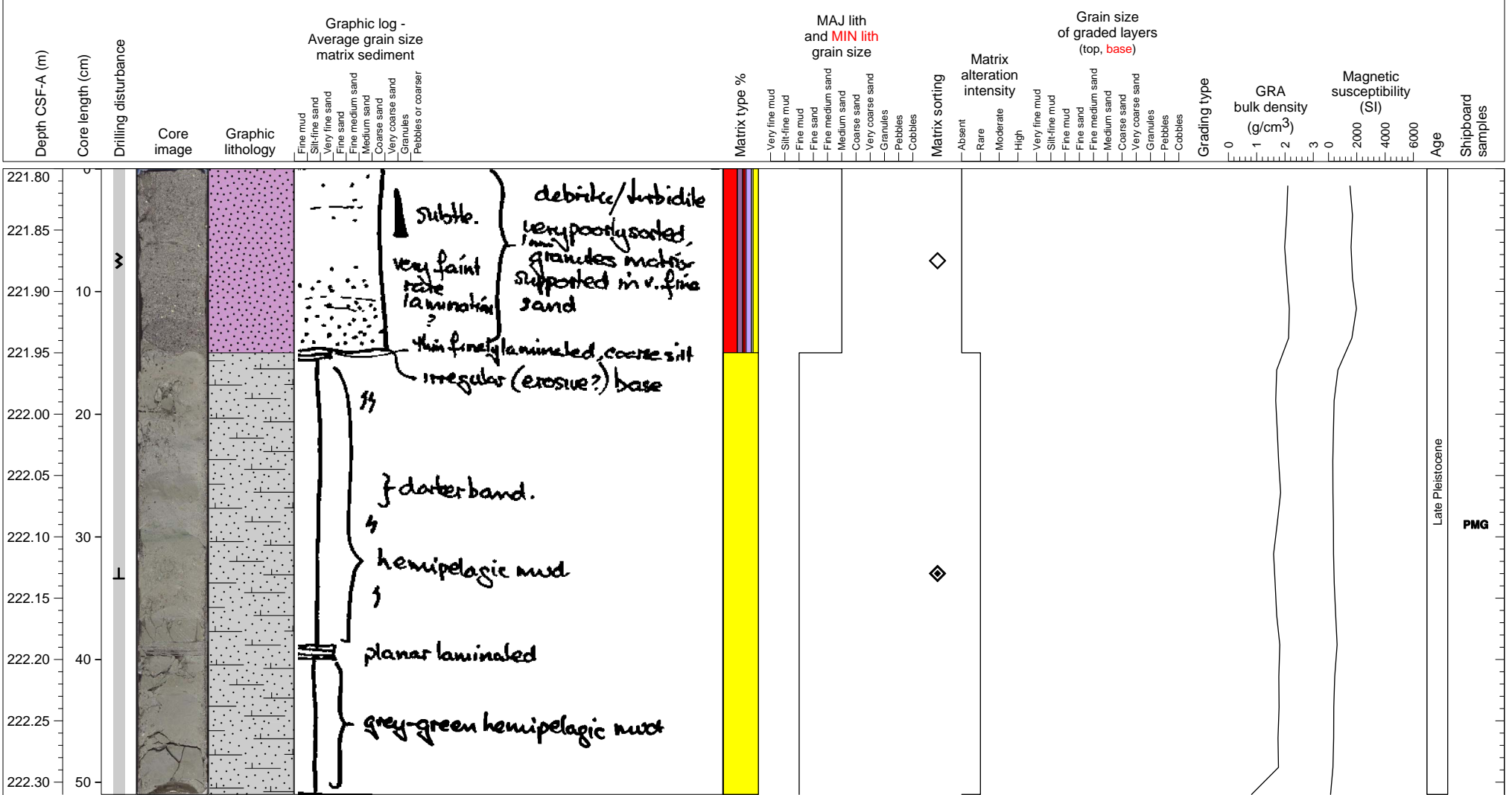
Mudstone, partially lithified hemipelagic clay. PAL sample from base.



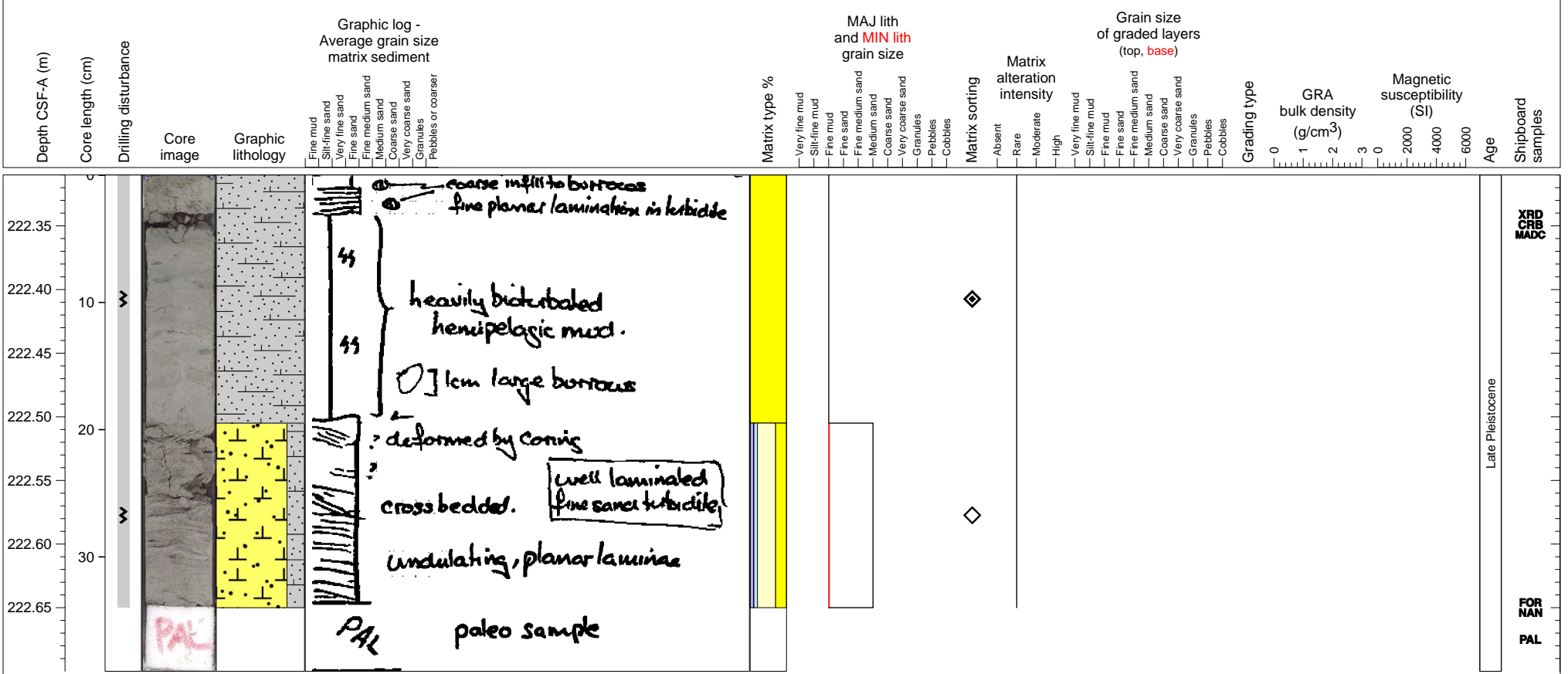
Lithified heavily bioturbated hemipelagic clay and at least two turbidite. Turbidites are characterized by massive lower part and parallel or cross stratified upper part.



Partially lithified volcanoclastic sandstone overlying a mudstone.



Mudstone overlaying sandstone with fine mudstone laminae. PAL sample from base.

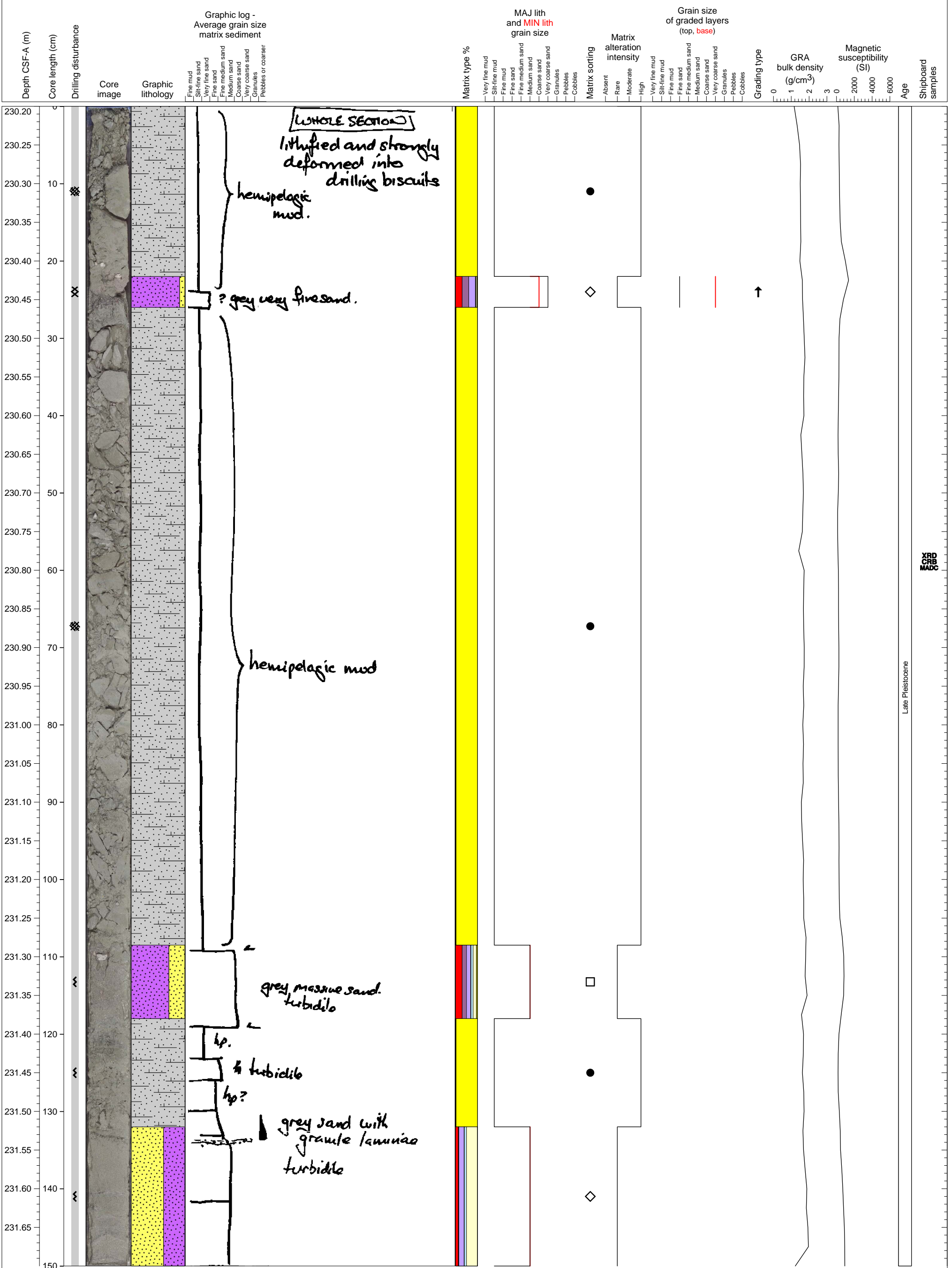


XRD
CRB
MADC

Late Pleistocene

FOR
NAN
PAL

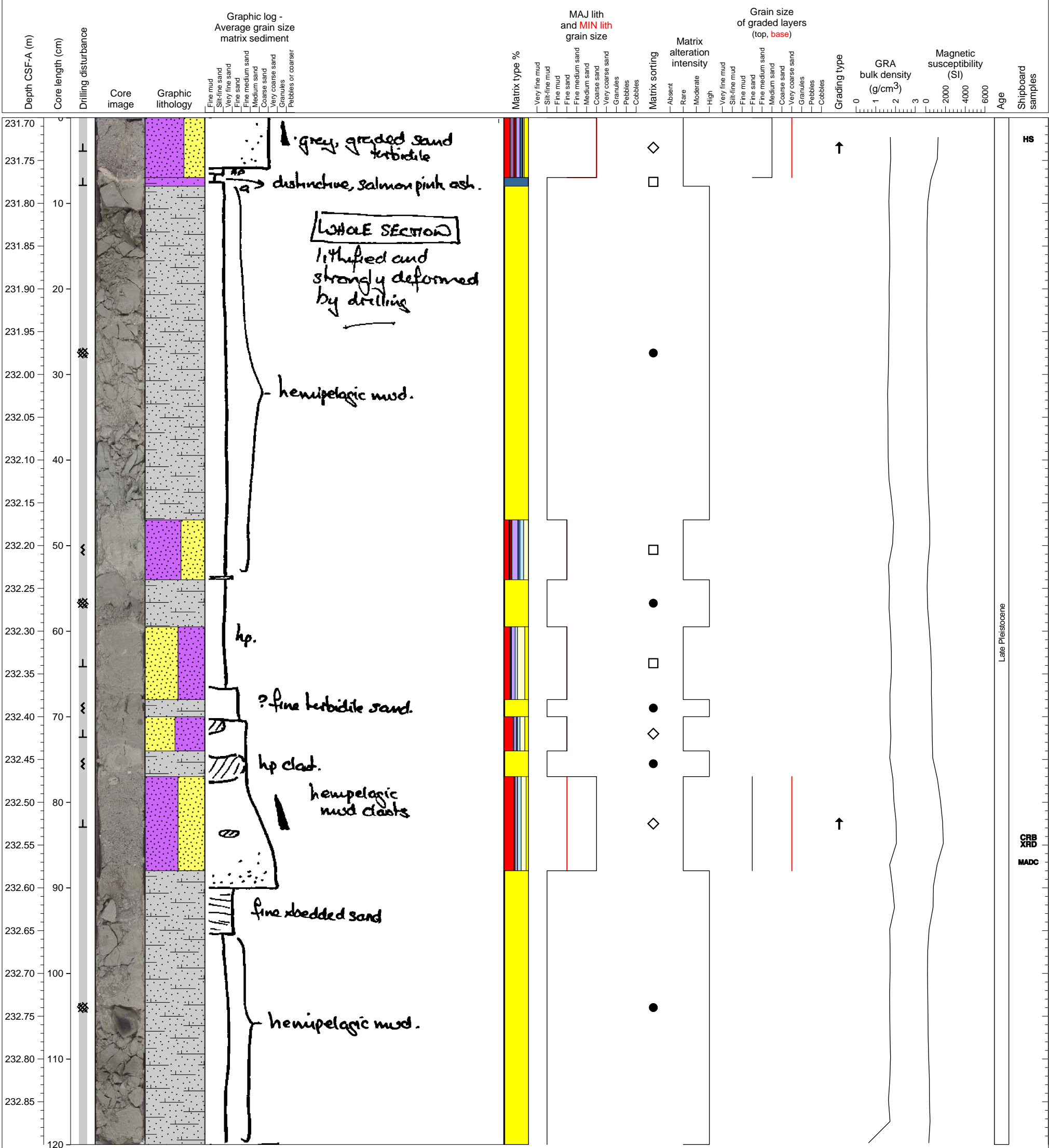
Lithified bioturbated hemipelagic clay intercalating with volcanoclastic sand layers with lamination.



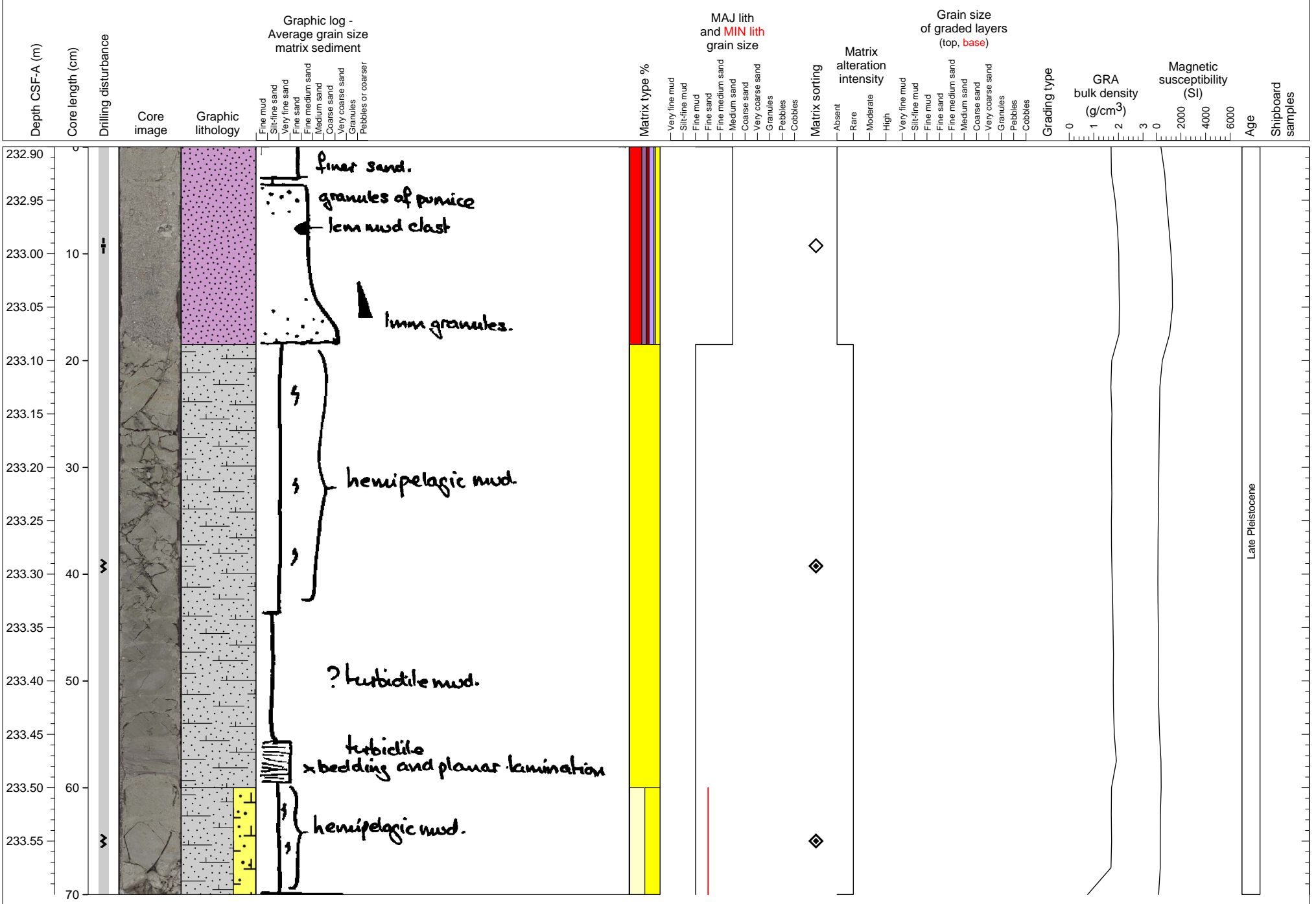
XRD
CRB
MADC

Late Pleistocene

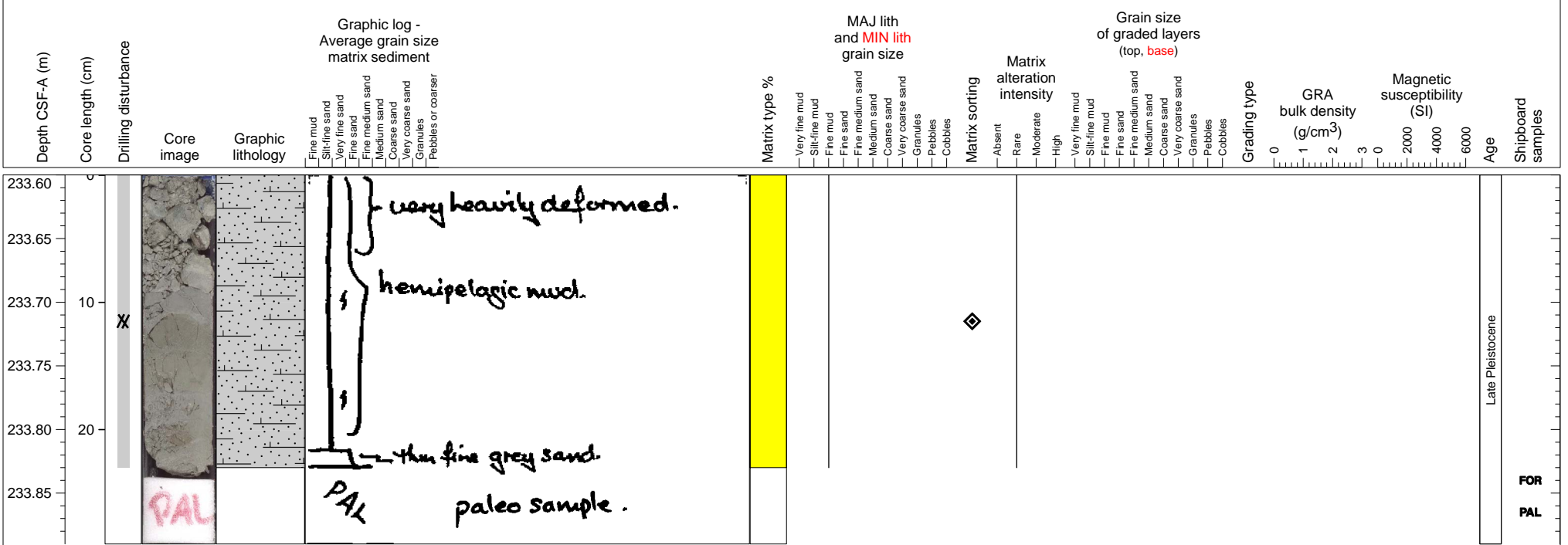
Lithified heavily bioturbated hemipelagic clay intercalating with volcanoclastic/calcareous sand layers with grading or lamination. At the top 8 cm, pinkish colored, 1-cm-thick glassy tephra is intercalated.



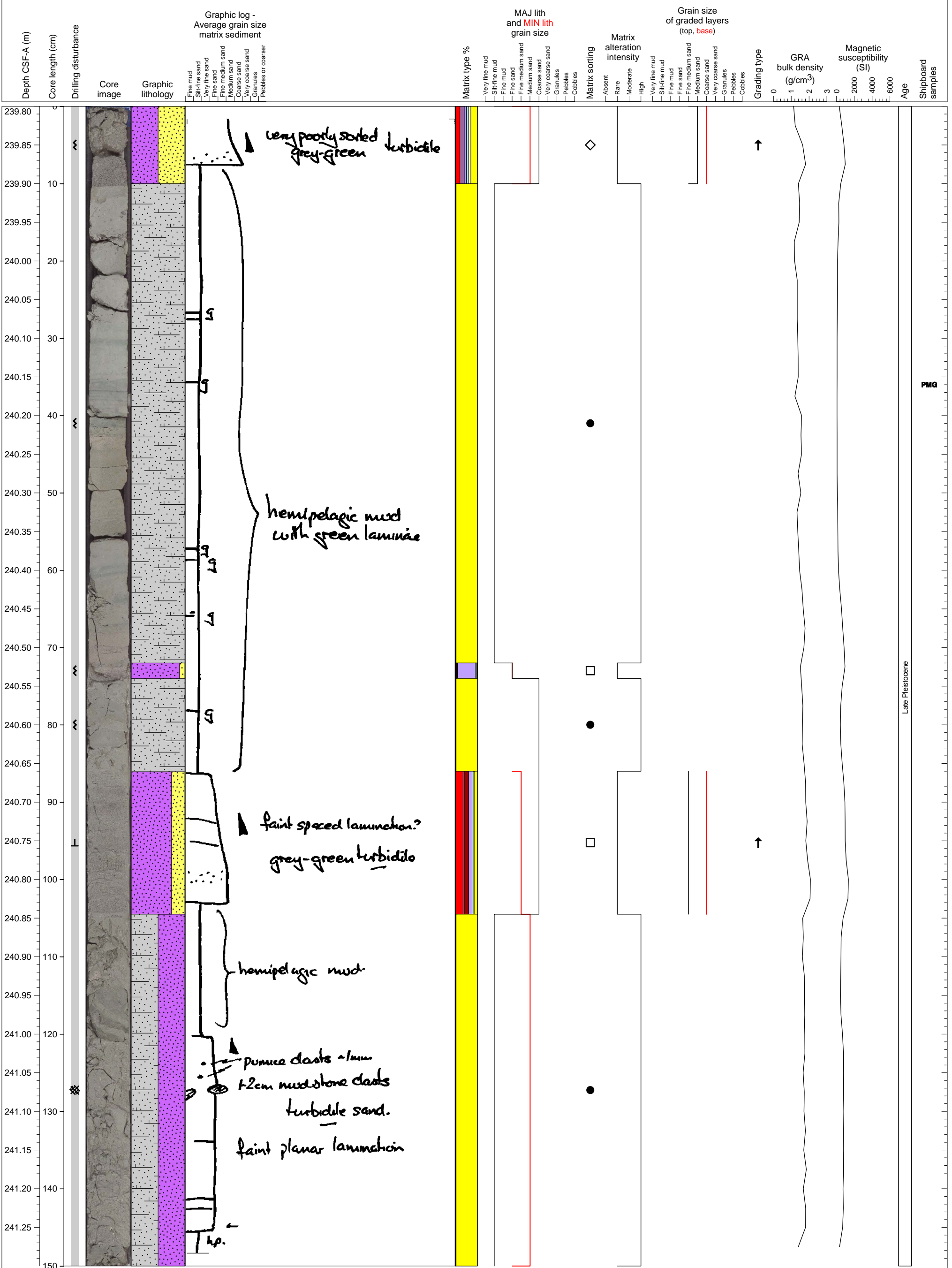
Volcaniclastic sandstone overlying a mudstone and interlayered mudstone/calcareous sandstone. Mudstone shows fine laminations, ripples, and cross bedding at base of unit.



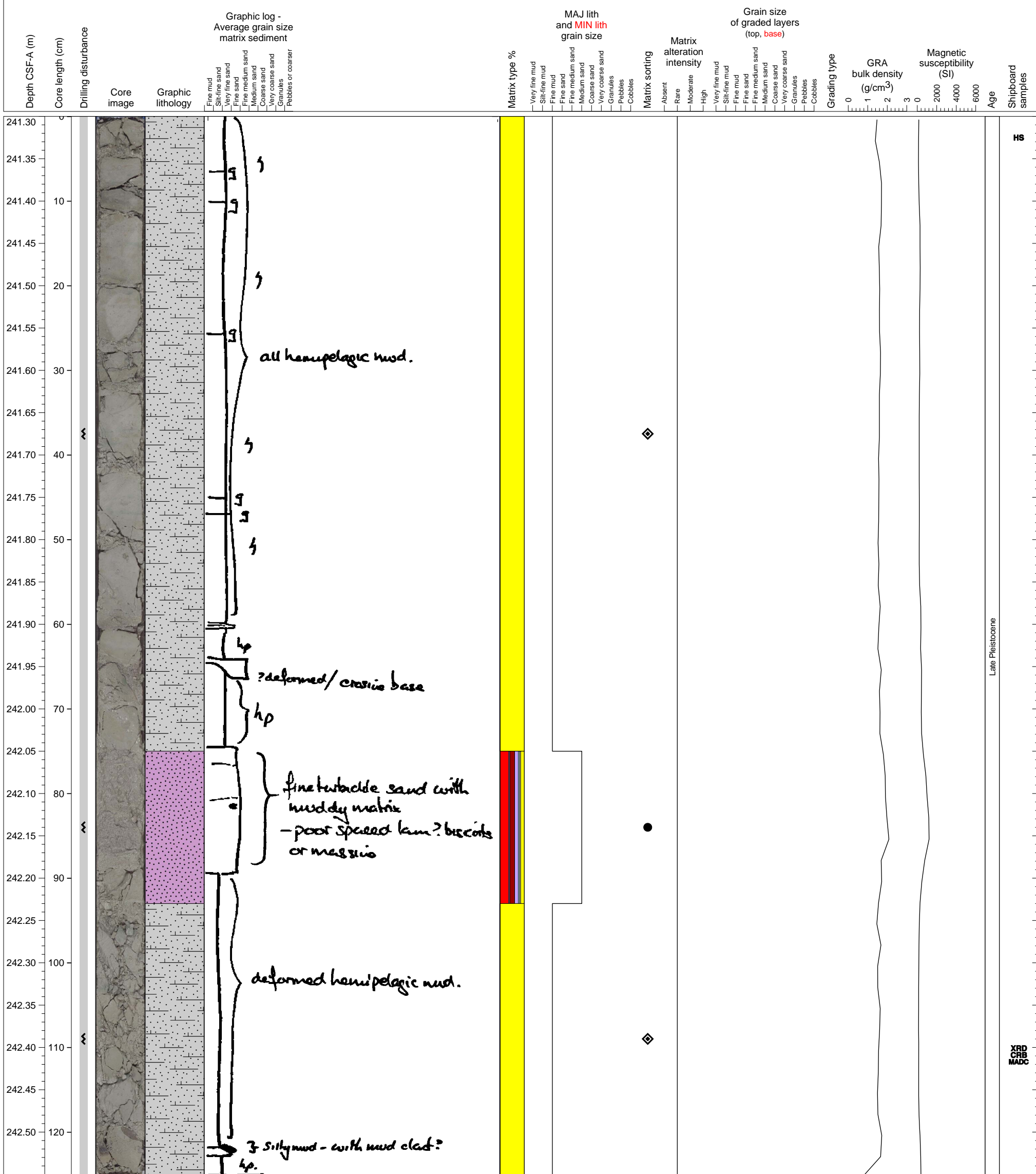
Mudstone, partially lithified hemipelagic clay. PAL from base of section.



Lithified heavily bioturbated hemipelagic clay, intercalating volcanoclastic sand layers.



Mudstone interlayered with volcanoclastic sandstone.

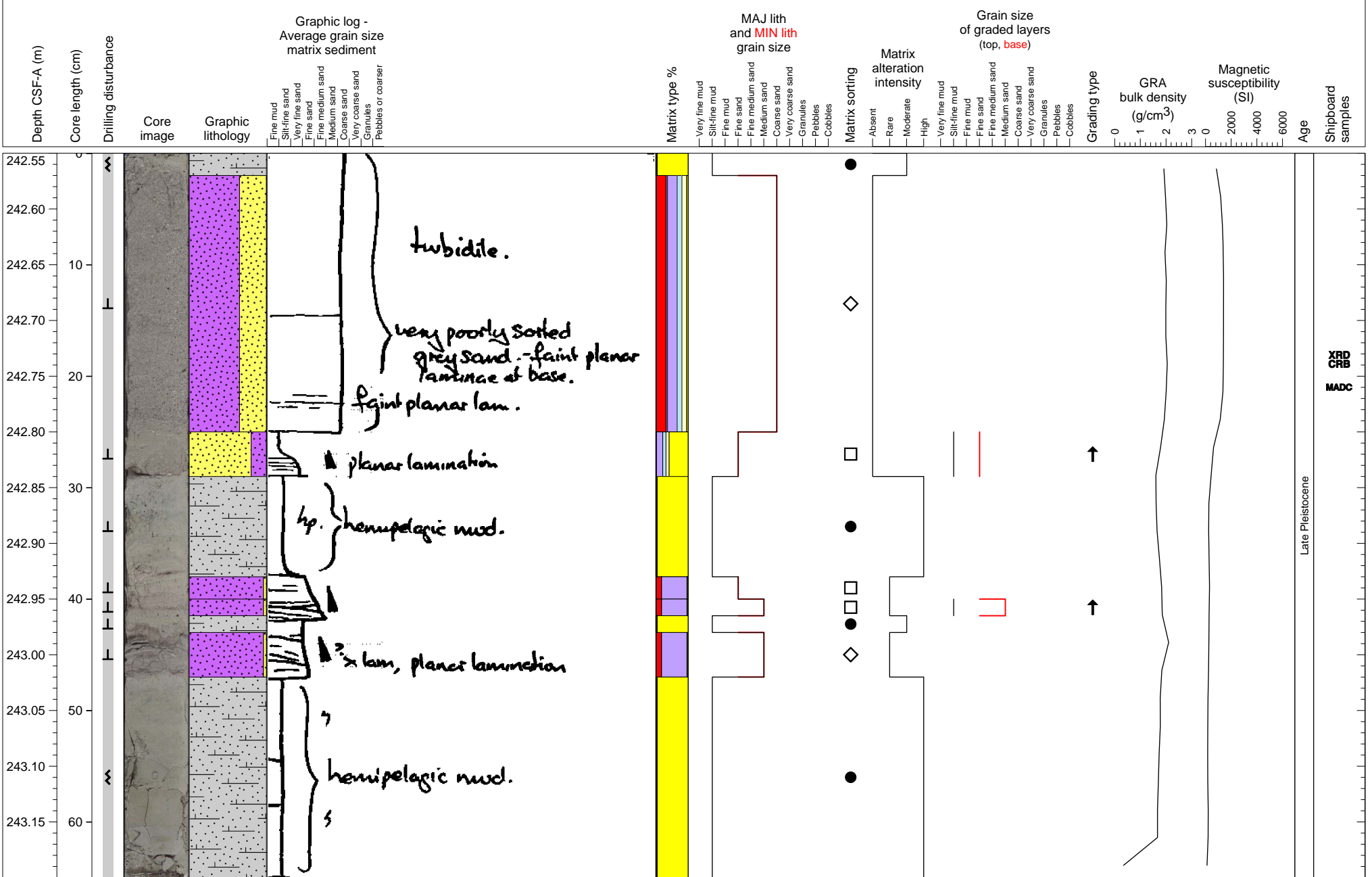


Late Pleistocene

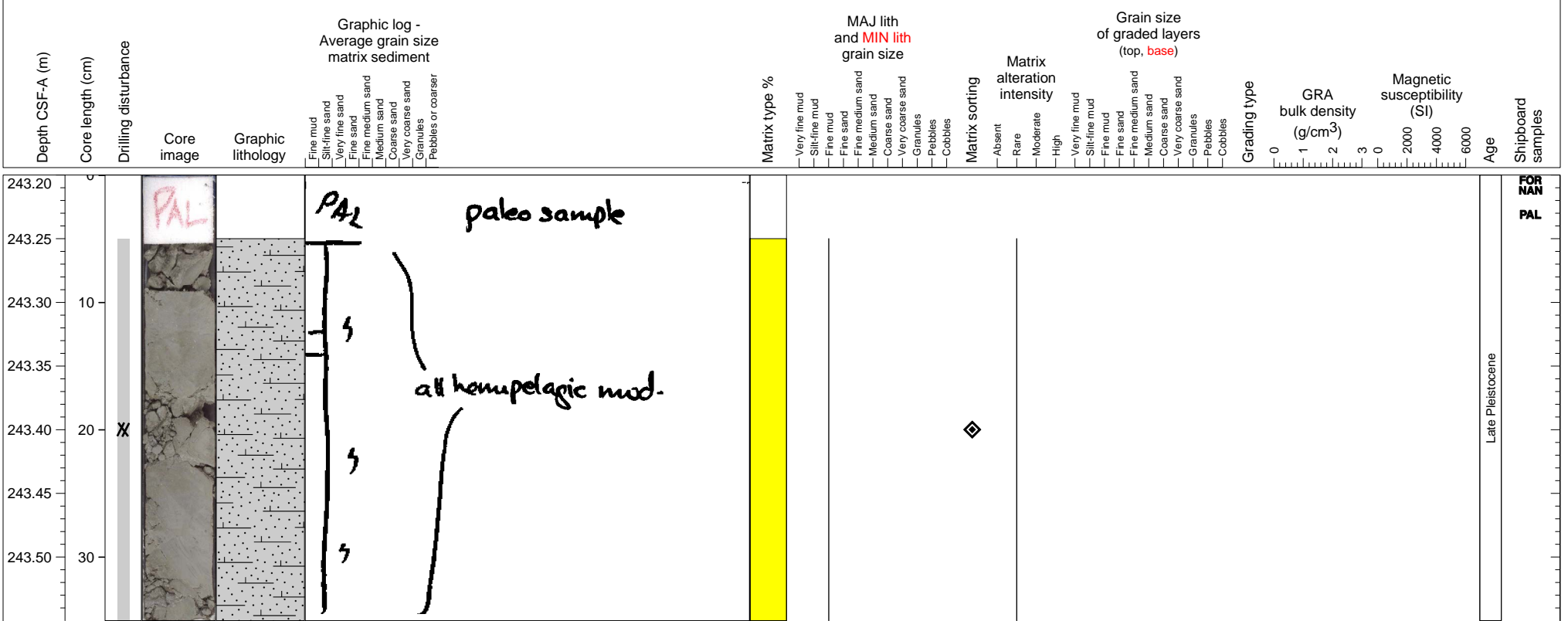
HS

XRD
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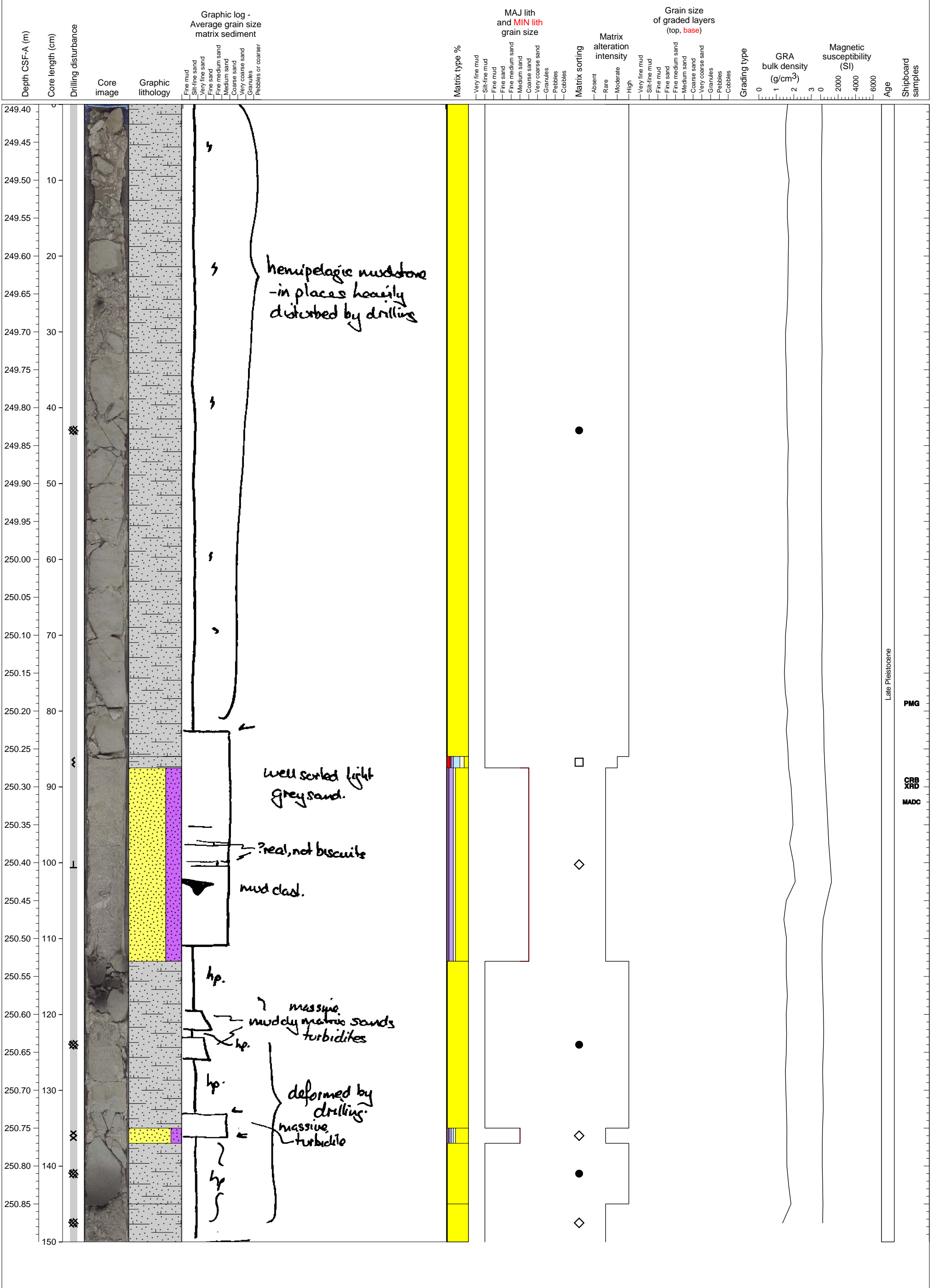
Lithified bioturbated hemipelagic clay intercalating volcanoclastic/calcareous sand layers with complex lamination.



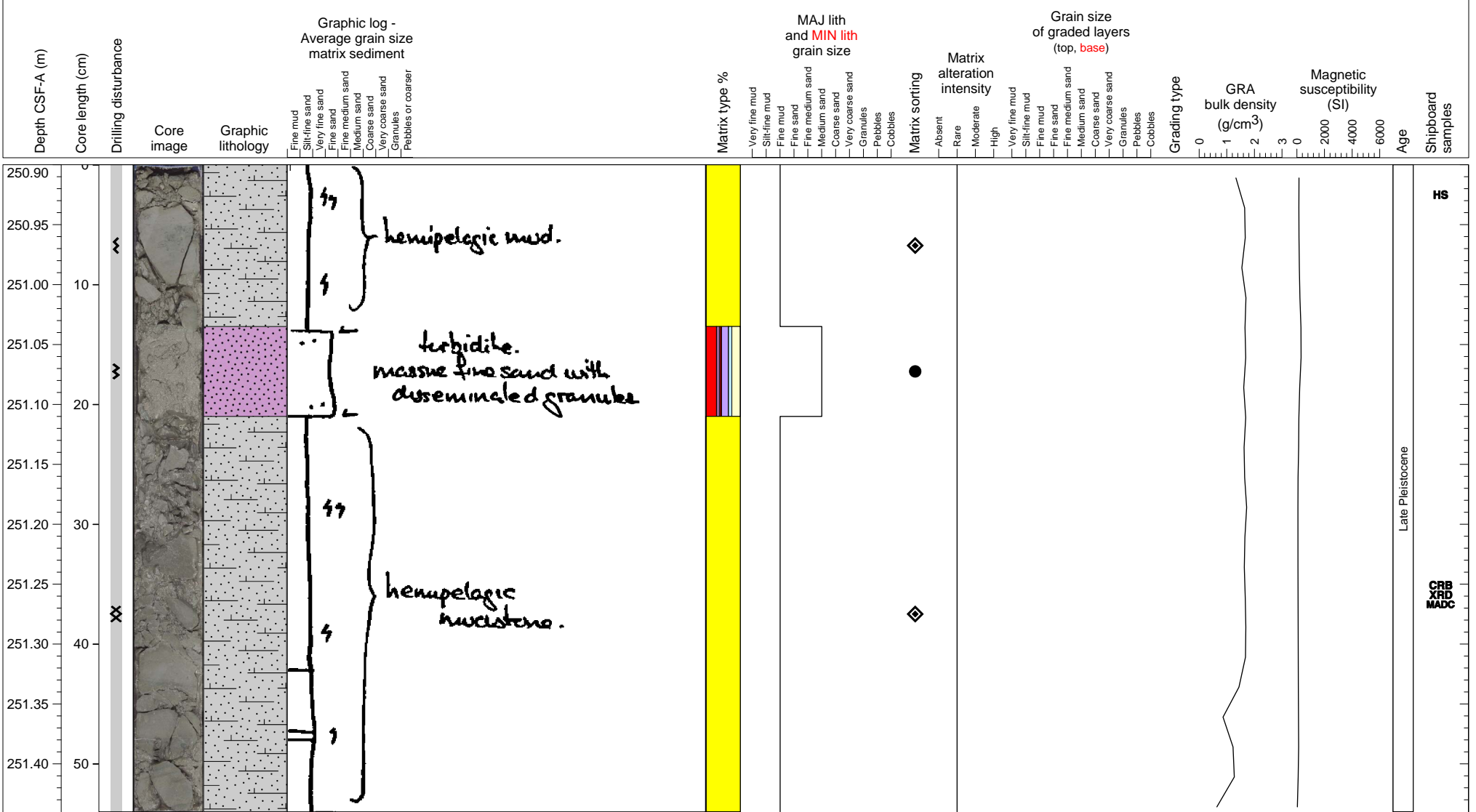
Mudstone (partially lithified hemipelagic clay). PAL sample from top of section.



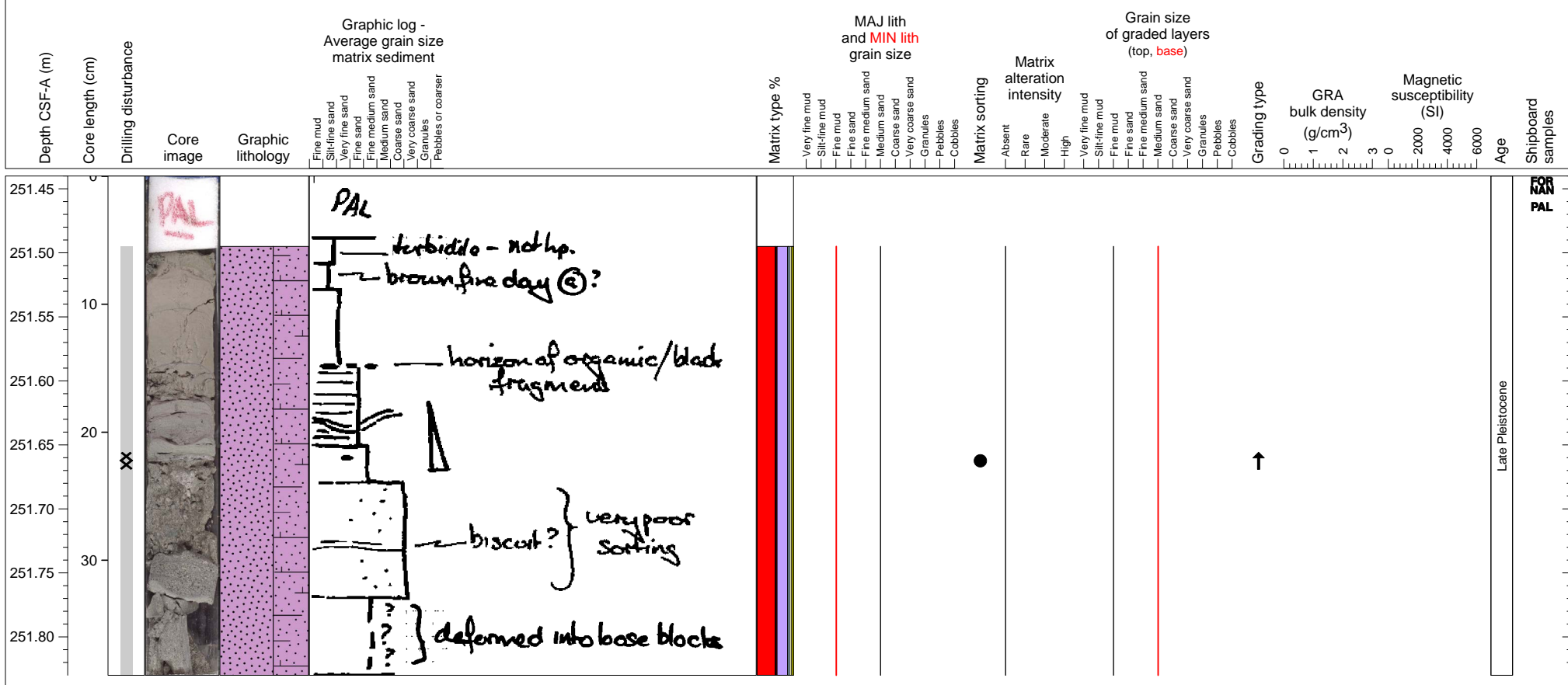
Lithified heavily bioturbated hemipelagic clay intercalating volcanoclastic and calcareous sand layers.



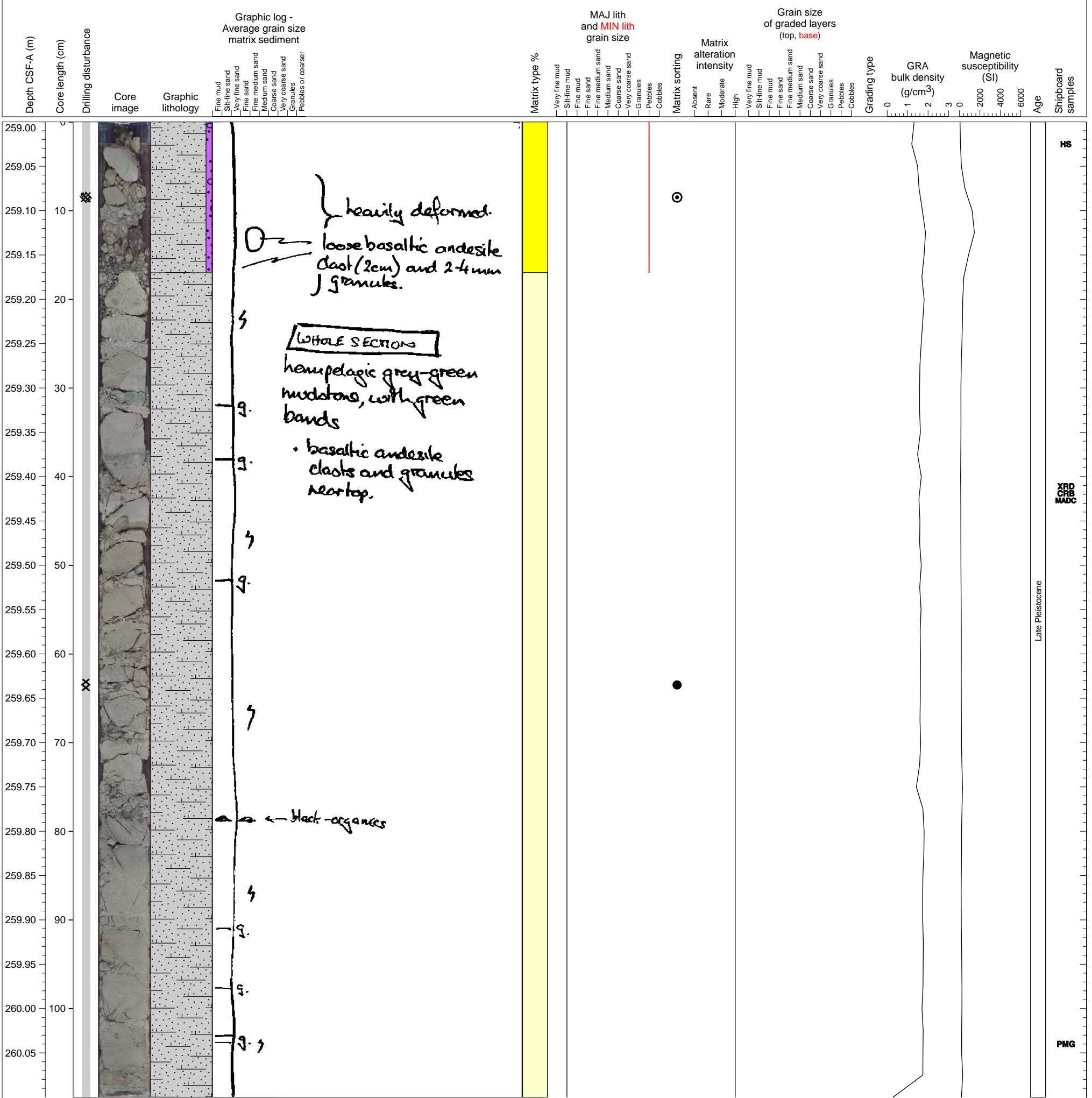
Interlayered mudstone with volcanoclastic sandstone.



Normally graded volcaniclastic unit. Appears to grade from medium sandstone to fine mudstone, but difficult to tell because of severe drilling disturbance.



Lithified heavily bioturbated hemipelagic clay with a lot burrows.



Mudstone overlying volcanoclastic sandstone layers, one of which is normally graded. PAL sample from top of section.

