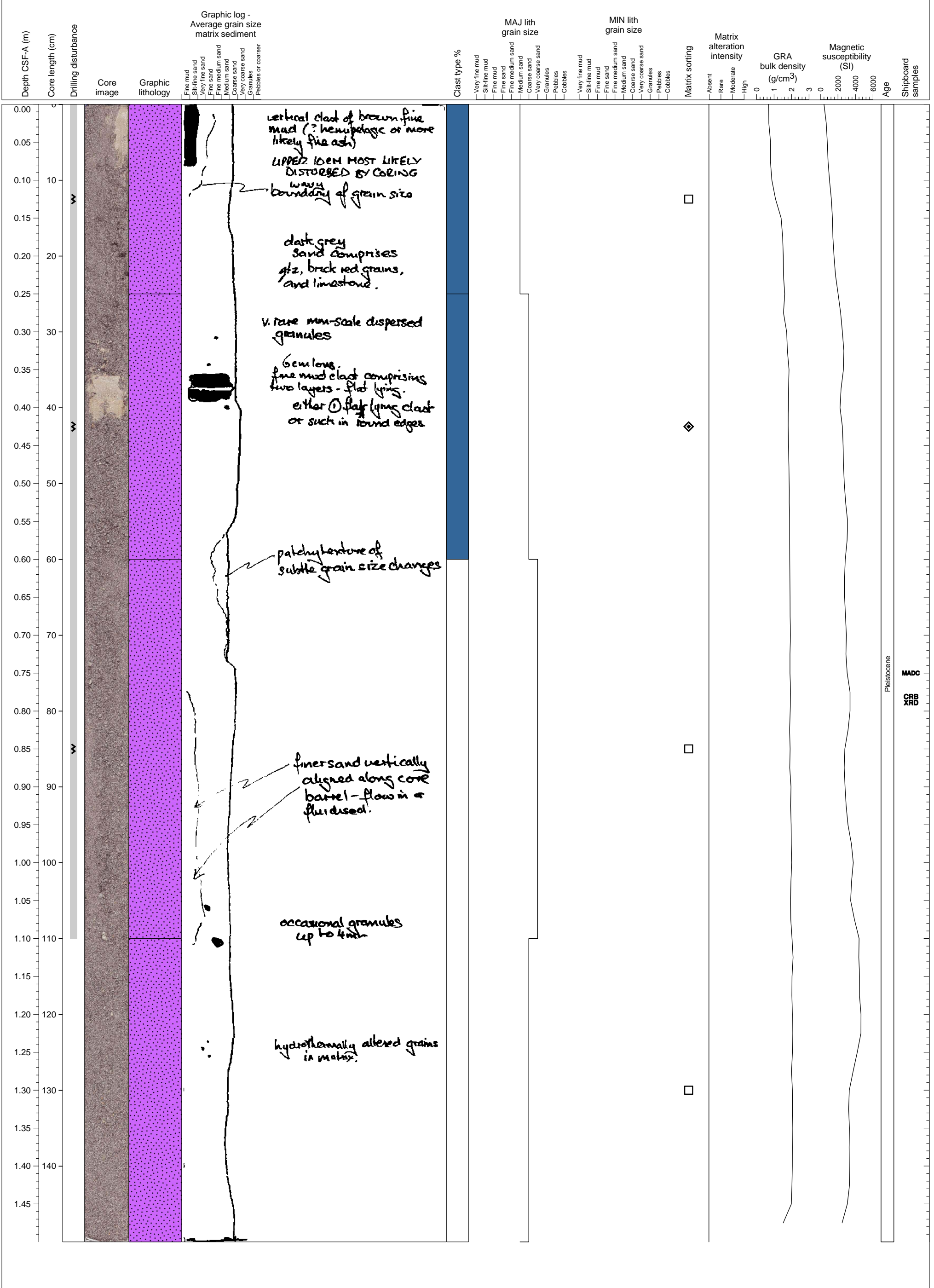
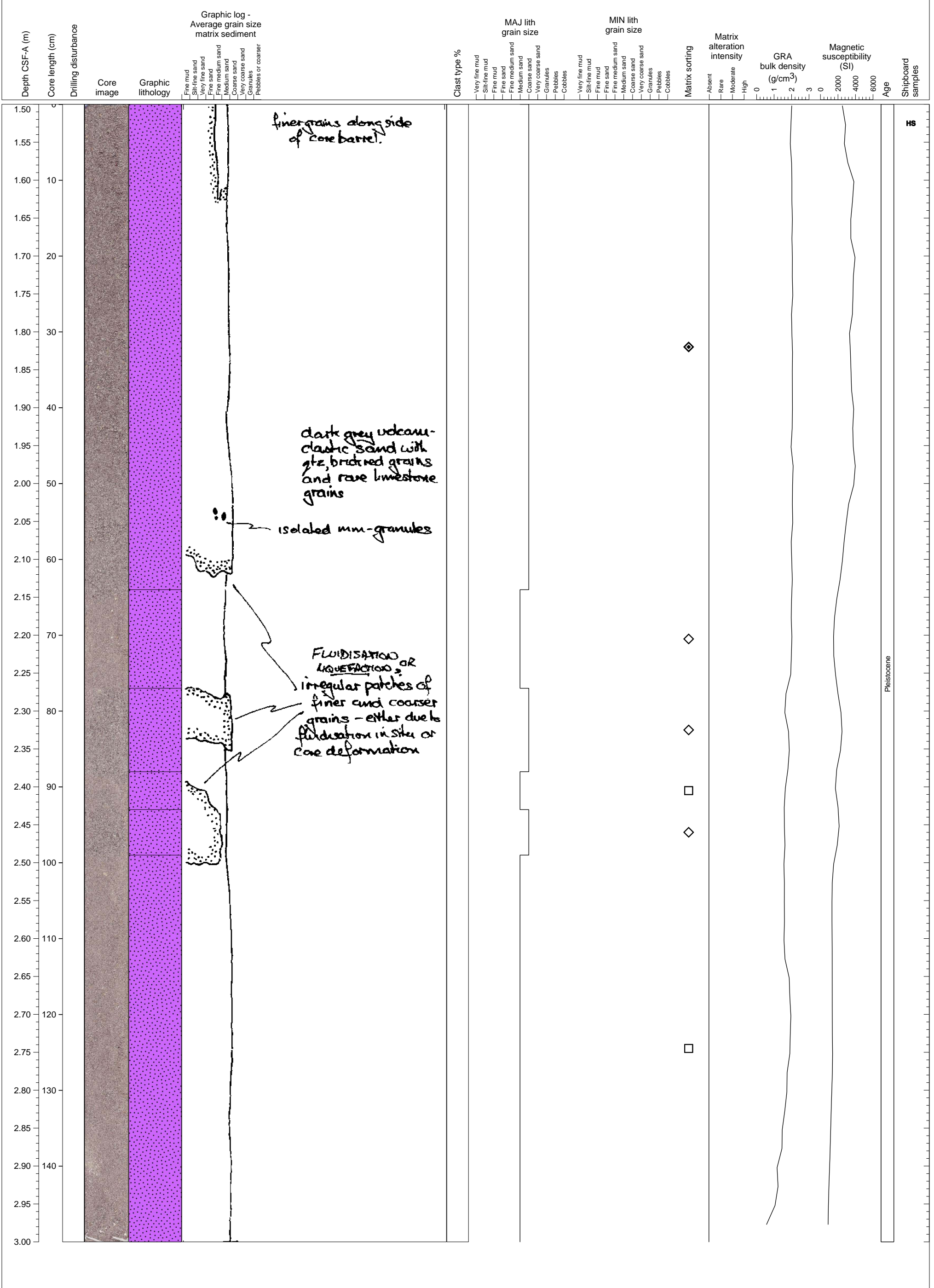


Hole 340-U1393A-1H Section 1, Top of Section: 0.0 CSF-A (m)

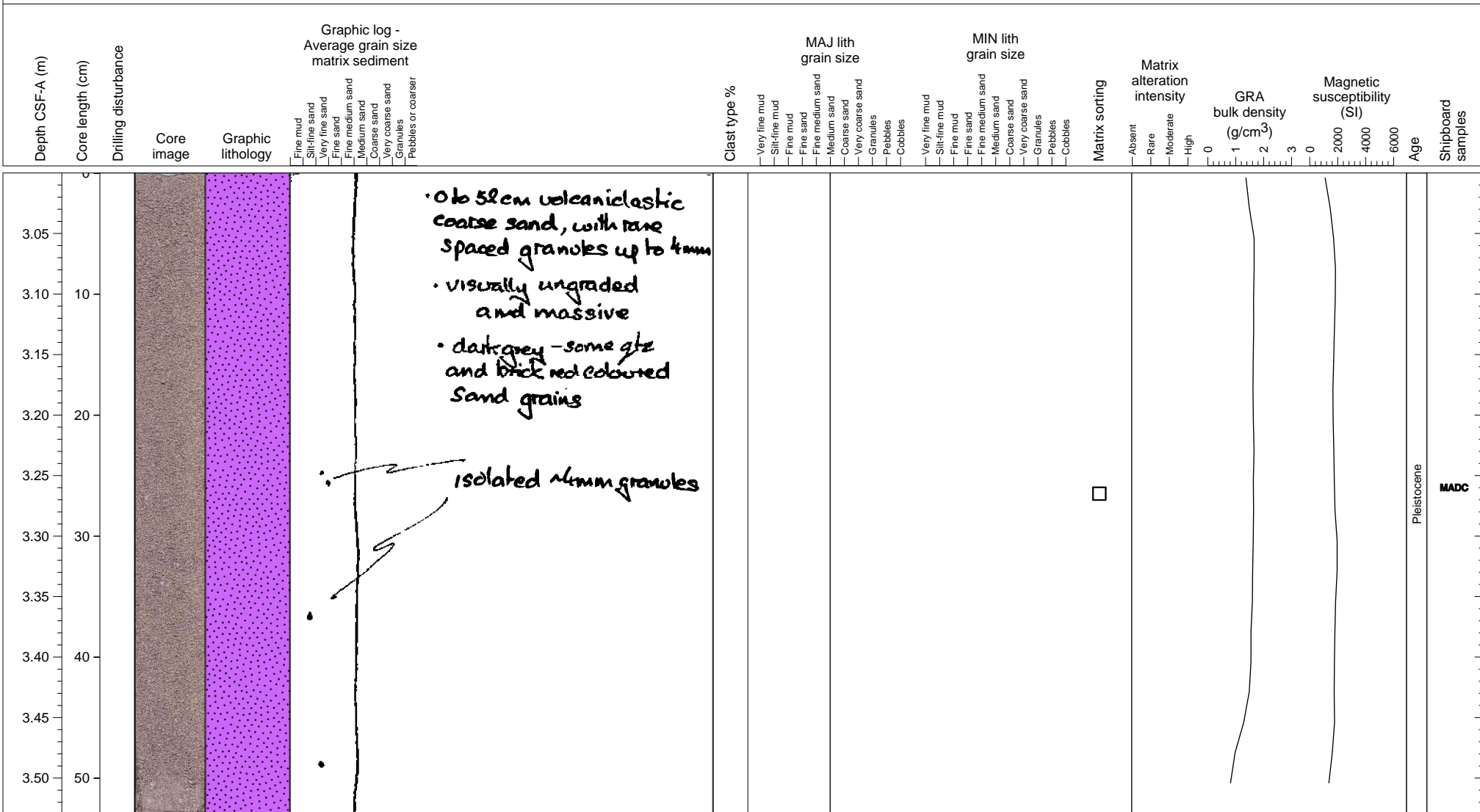
Dark volcanoclastic coarse to very coarse sand, with rare granules (up to 4 mm), mainly andesitic lava with rare carbonate grains. Similar in composition to 1995-recent volcanoclastic material found previously in the same area below sea floor. Upper 10 cm disturbed, probably by coring, and contains fine mud clast. A second flat lying mud clast at 20cm.



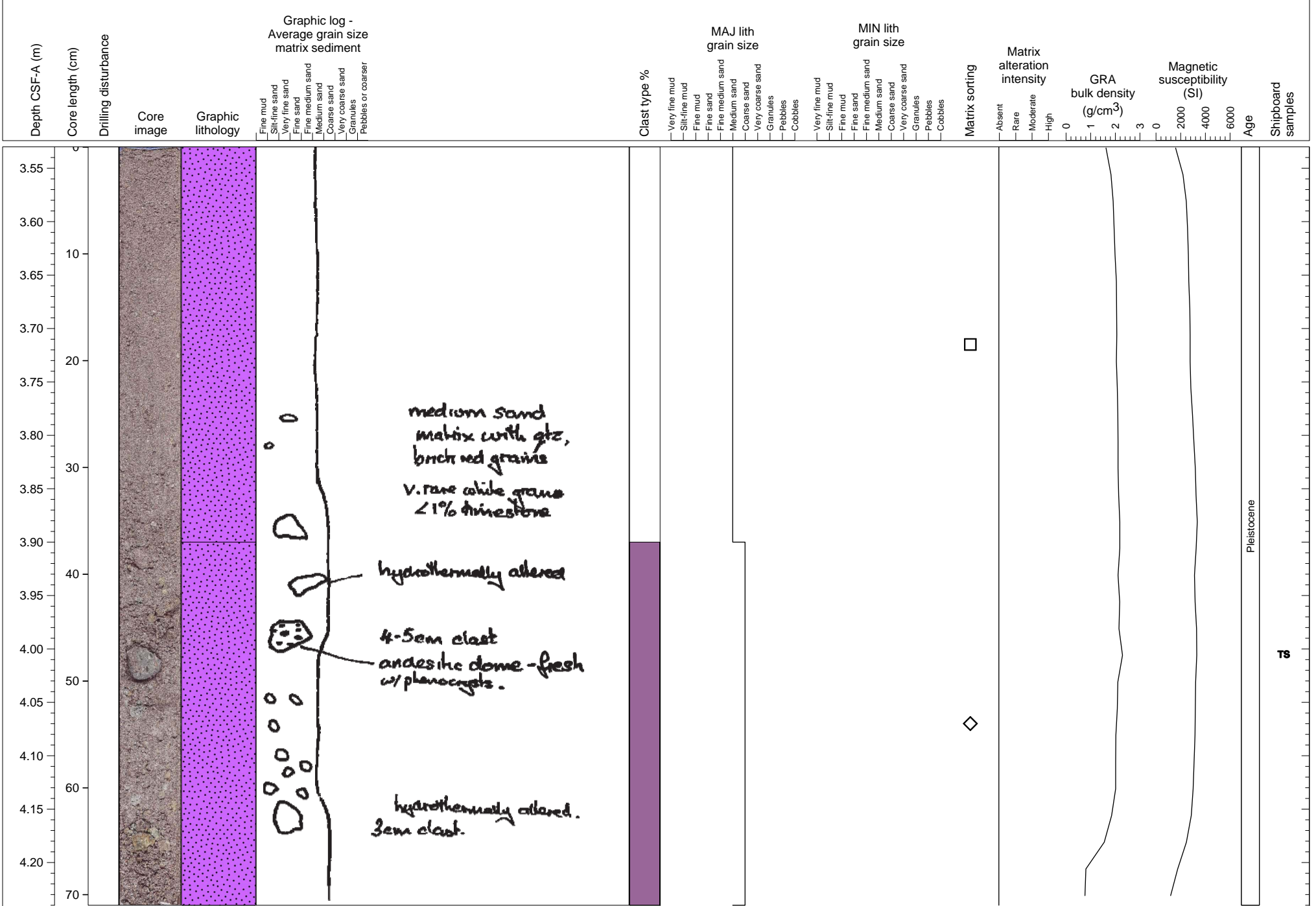
Dark volcanoclastic medium to coarse sand, with patches of coarser grains that may be coring disturbance or liquefaction?



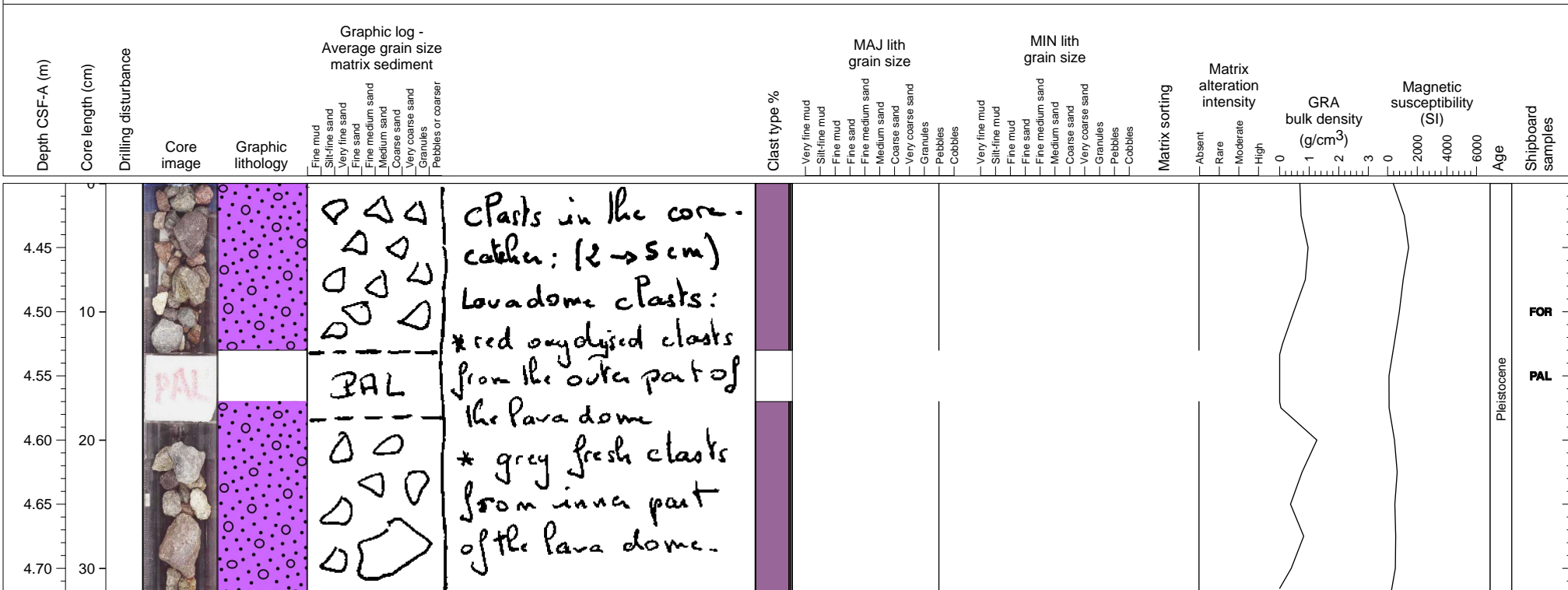
Dark volcanoclastic medium sand, with isolated granules.



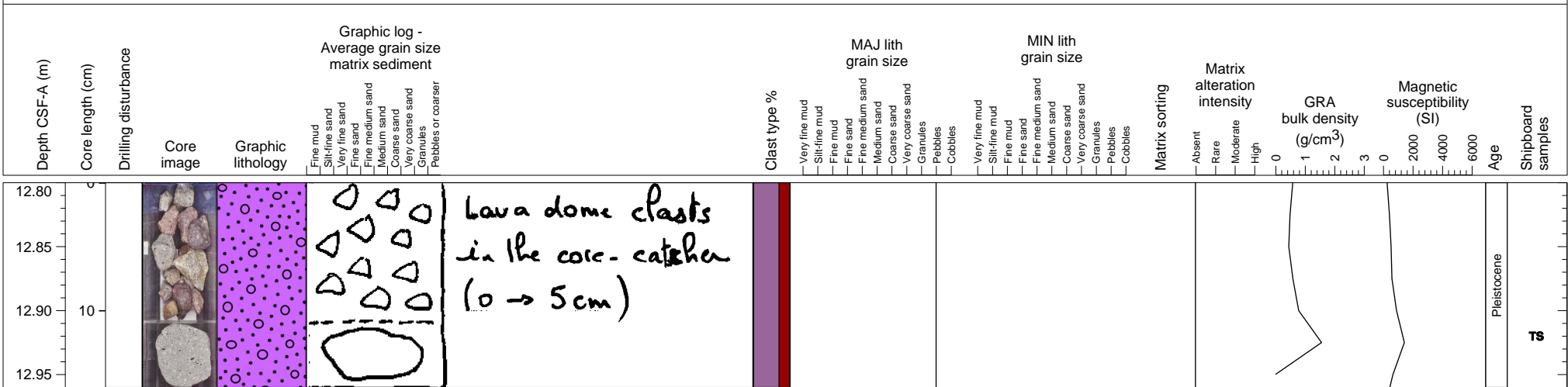
Dark volcanoclastic coarse sand, with clasts up to 4.5 cm in lower part. Clasts mainly andesitic, some hydrothermally altered.



Loose clasts that may not be in place. Mainly andesitic, some oxidized. size to 5 cm.



Loose clasts that may not be in place. Mainly andesitic. size to 5 cm.


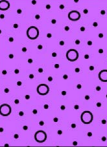


Lava dome clasts in the core-catcher (0 → 5cm)

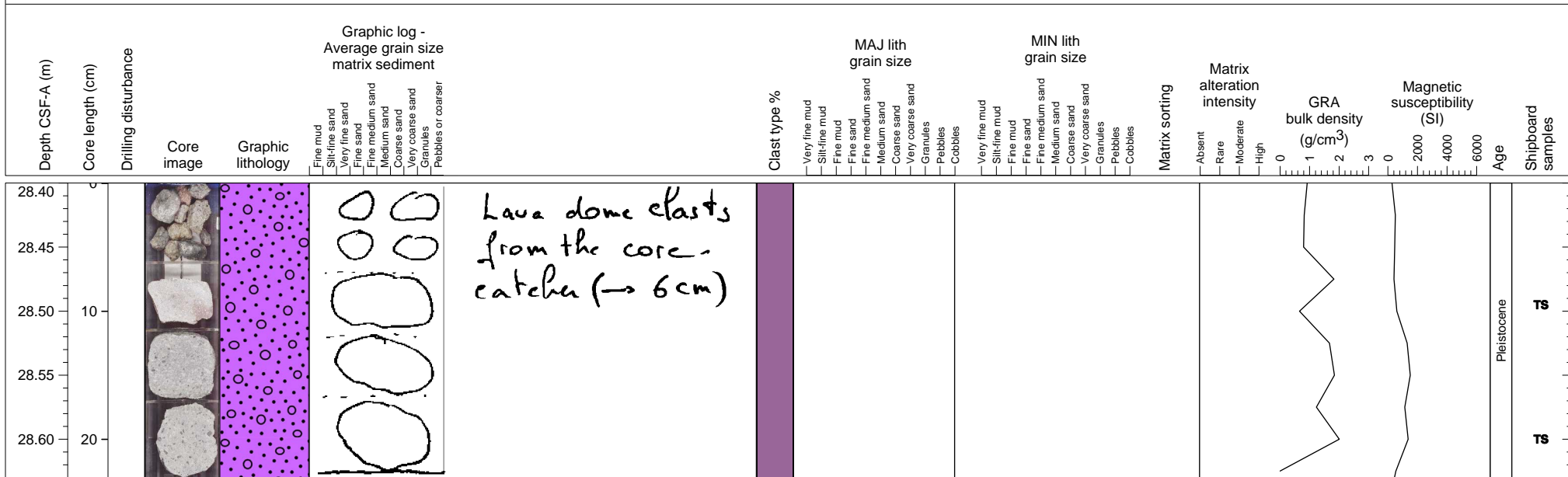
Pleistocene

TS

Loose clasts that may not be in place. Mainly andesitic. size to 3 cm.

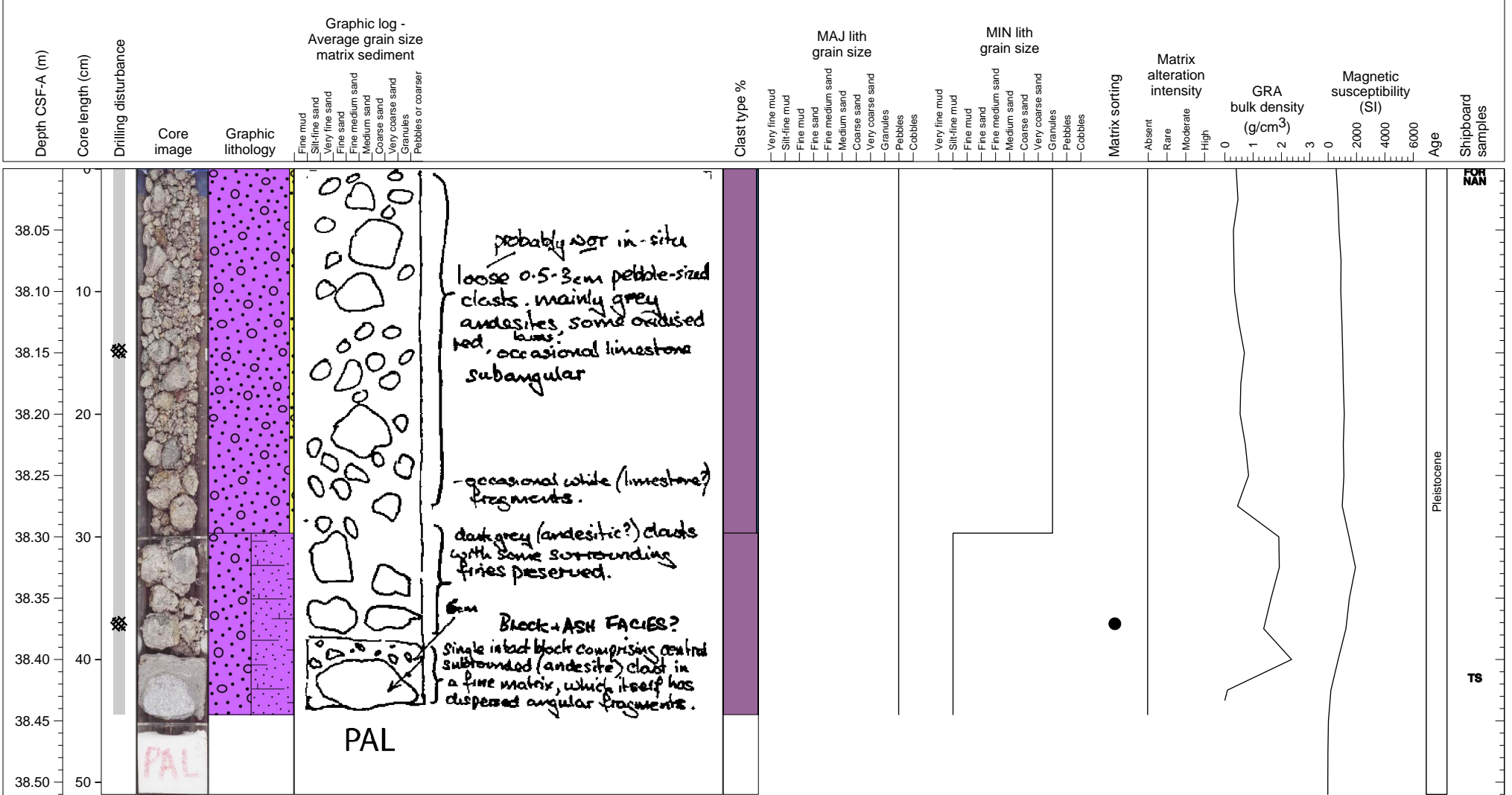
Depth CSF-A (m)	Core length (cm)	Drilling disturbance	Core image	Graphic lithology	Graphic log - Average grain size matrix sediment	Clast type %	MAJ lith grain size	MIN lith grain size	Matrix sorting	Matrix alteration intensity	GRA bulk density (g/cm ³)	Magnetic susceptibility (SI)	Age	Shipboard samples
					Fine mud Silt-fine sand Very fine sand Fine sand Fine medium sand Medium sand Coarse sand Very coarse sand Granules Pebbles or coarser									
18.80					Lava dome clasts from the core - catcher (0-3 cm)								Pleistocene	

Loose clasts that may not be in place. Mainly andesitic. size to 6 cm.



Hole 340-U1393A-7X Section CC, Top of Section: 38.0 CSF-A (m)

Loose clasts that may not be in place, mainly andesitic some oxidized. Up to 3 cm in size. Some limestone clasts. Basal 6 cm comprises a 6 cm andesitic clast surrounded by fine matrix, which has angular fine fragments.



Thin sections

Sample	Top (cm)	Bottom (cm)	Top Depth (m)	Bottom Depth (m)	Groundmass percentage [%]	Groundmass modal grain size (mm)	Groundmass comments	Volcanic grain [%]	Volcanic grain modal size (mm)	Biogenic grain [%]	Mineral grain [%]	Mineral grain modal size (mm)	Litic grain [%]	Litic grain modal size (mm)	Olivine present [%]	Olivine size MIN (mm)	Olivine shape	Olivine comment	Plagioclase present [%]	Plagioclase size MAX (mm)	Plagioclase shape	Plagioclase habit	Plagioclase comment	Clinopyroxene present [%]	Clinopyroxene size MAX (mm)	Clinopyroxene shape	Clinopyroxene habit	Clinopyroxene special features	Orthopyroxene present [%]	Orthopyroxene size MAX (mm)	Orthopyroxene shape	Orthopyroxene habit	Orthopyroxene comments	Amphibolite present [%]	Amphibolite size MAX (mm)	Amphibolite shape	Amphibolite habit	Amphibolite comments	Oxides present [%]	Oxides size MAX (mm)	Oxides shape	Oxides habit	Oxides comments	Quartz present [%]	Quartz size MAX (mm)	Quartz shape	Quartz habit	Comment
340-U1393A-1H-4-W 46/49-TSB-TS#1	0	3	3.99	4.02	55		Microclites of plagioclase, orthopyroxene, and oxides in a microcrystalline matrix.												70	4	euhedral	lath	Albitic twinning					10	2	euhedral	equant	Oxide inclusions common	15	3	euhedral	equant		5	0.08	subhedral	equant					Andesite lava, no flow lineation, matrix has significant void space.		
340-U1393A-4X-CC-W 11/13-TSB-TS#2	0	2	12.91	12.93	80		Microclites plagioclase, orthopyroxene, and oxides in a microcrystalline matrix.												80	3.5	euhedral	lath	Albitic twinning					7	1.7	euhedral	equant		7	2.7	euhedral	elongate		6	0.08	subhedral	tabular					Andesite lava, potentially some glass in the groundmass; groundmass has significant void space.		
340-U1393A-6X-CC-W 11/13-TSB-TS#3	0	4	28.58	28.62	60		Plagioclase, oxides, and orthopyroxene microclites in a microcrystalline matrix.												70	2.7	euhedral	lath						9	2.3	subhedral	equant		15	1.9	euhedral	elongate		5	0.4	subhedral	tabular					Andesite lava, no flow lineation.		
340-U1393A-6X-CC-W 18/22-TSB-TS#4	0	4	28.58	28.62	55		Composed of microclites of plag, pyx, and oxides.												75	3.5	euhedral	lath	Some potential lineation in the plag microphenocrysts.					10	1.7				10	2.3	euhedral	elongate		5	0.08	subhedral						Andesite lava; several spots where qtz is completely rimmed by clinopyroxene.		
340-U1393A-7X-CC-W 40/43-TSB-TS#5	0	3	28.48	28.51	60		Contact between massive andesite and fragmental brecciated material. Brecciated material shows flow banding/lineation. Most mineral grains are < 0.2mm in the brecciated region.												70	1	euhedral	lath						20	2.3	euhedral	tabular		20	2.3	euhedral	elongate	Oxidized; contain thin reaction rims.	3	0.2	subhedral								