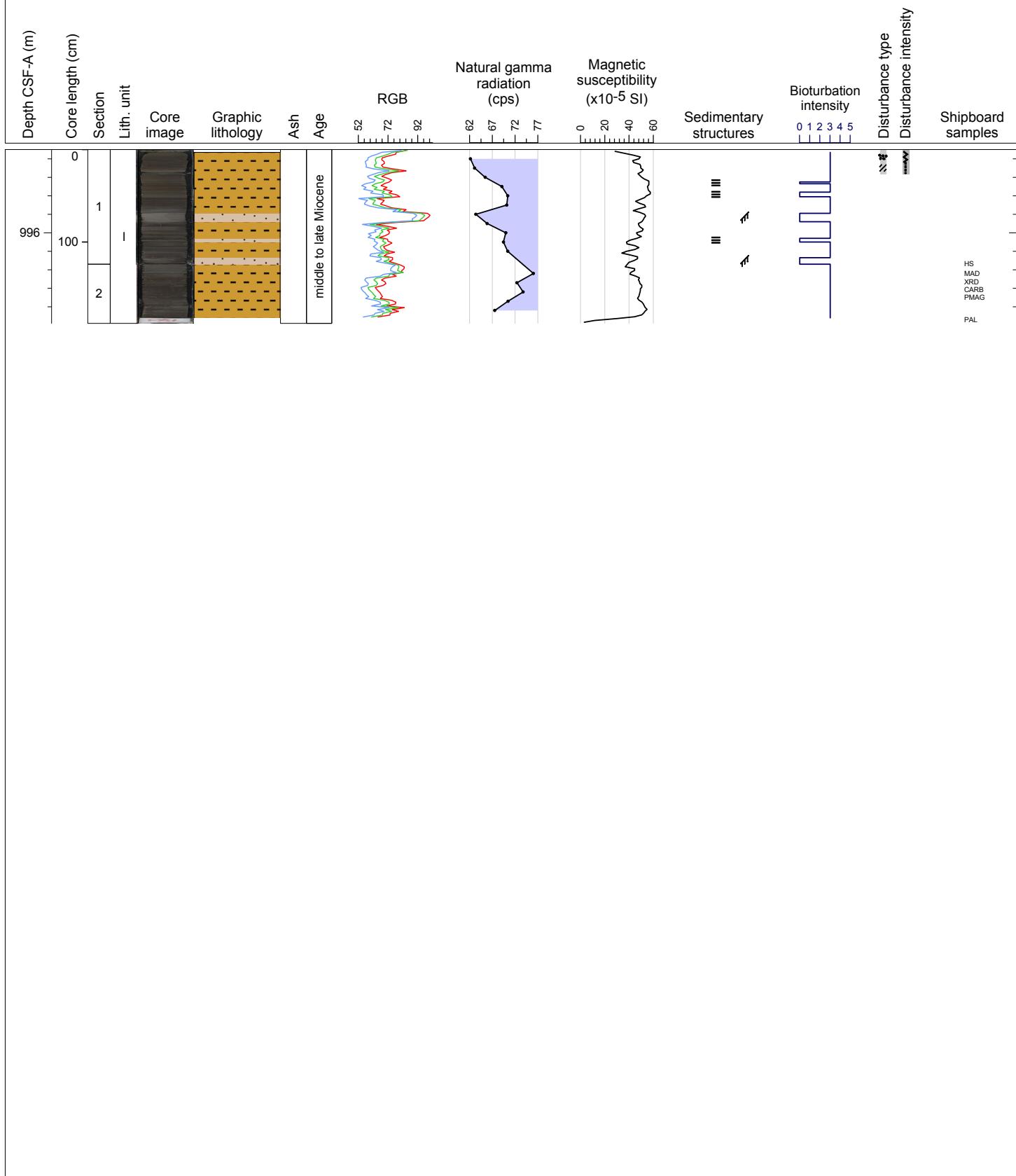


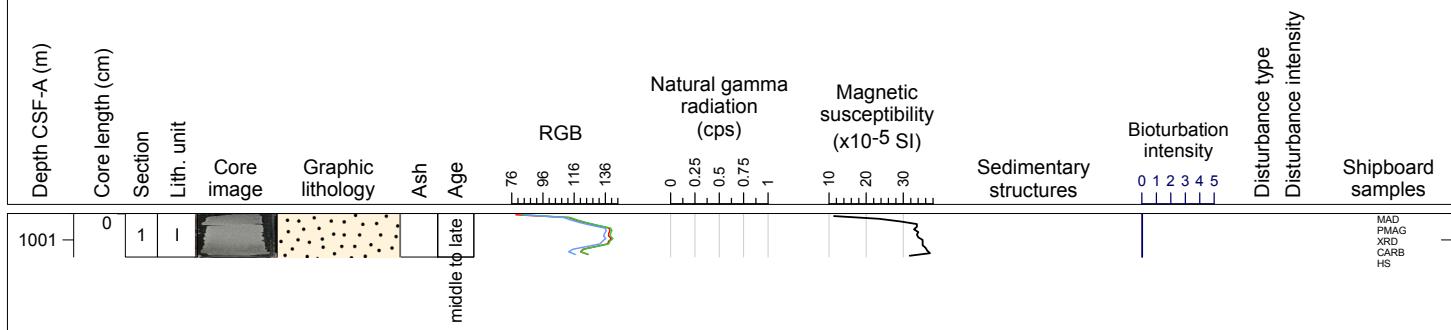
Hole 368X-U1503A Core 2R, Interval 995.1-996.98 m (CSF-A)

Dark gray CLAYSTONE. Mostly massive and bioturbated with intervals of laminated CLAYSTONE. Zoophycus burrows in Section 1 at 26 and 122 cm.



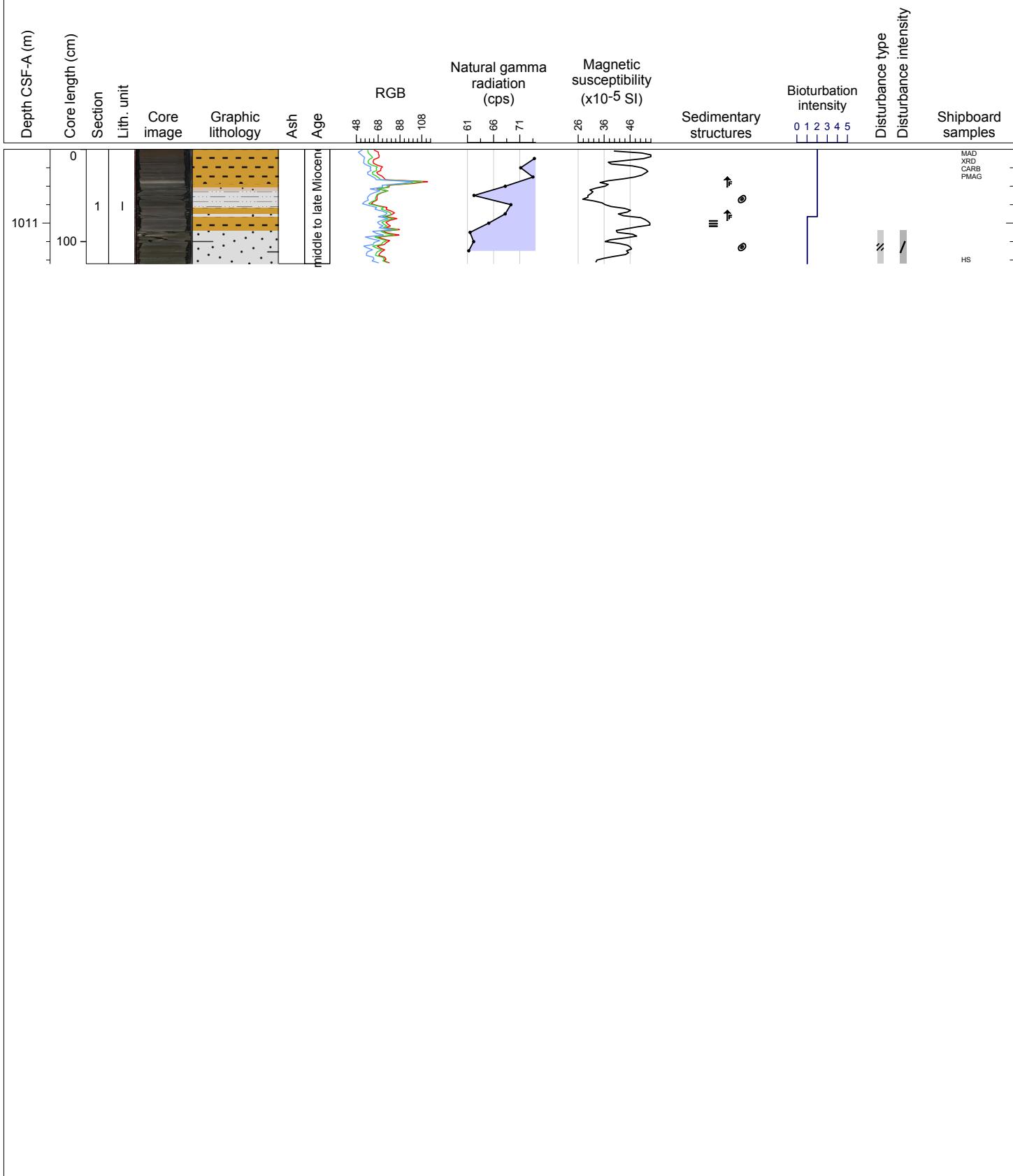
Hole 368X-U1503A Core 3R, Interval 1000.8-1001.13 m (CSF-A)

Gray, well-consolidated, medium-grained, massive SANDSTONE.



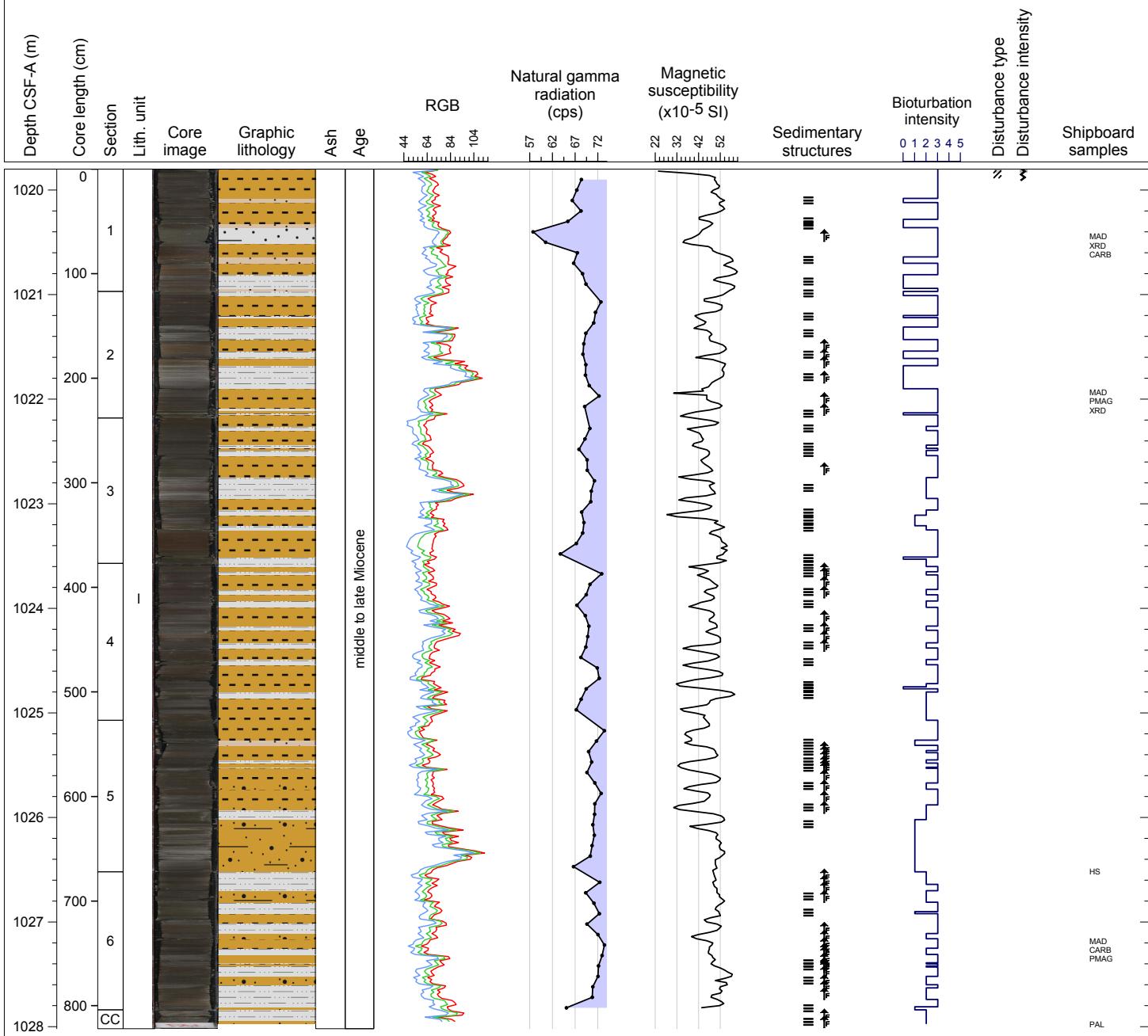
Hole 368X-U1503A Core 4R, Interval 1010.2-1011.44 m (CSF-A)

Very dark greenish gray CLAYSTONE interbedded with dark gray and very dark gray SANDY CLAYSTONE. The SANDSTONE has CLAYSTONE intraclasts. There is an interval of grayish brown NANNOFOSSIL-RICH SILTY CLAY in Section 1, 34-37 cm.



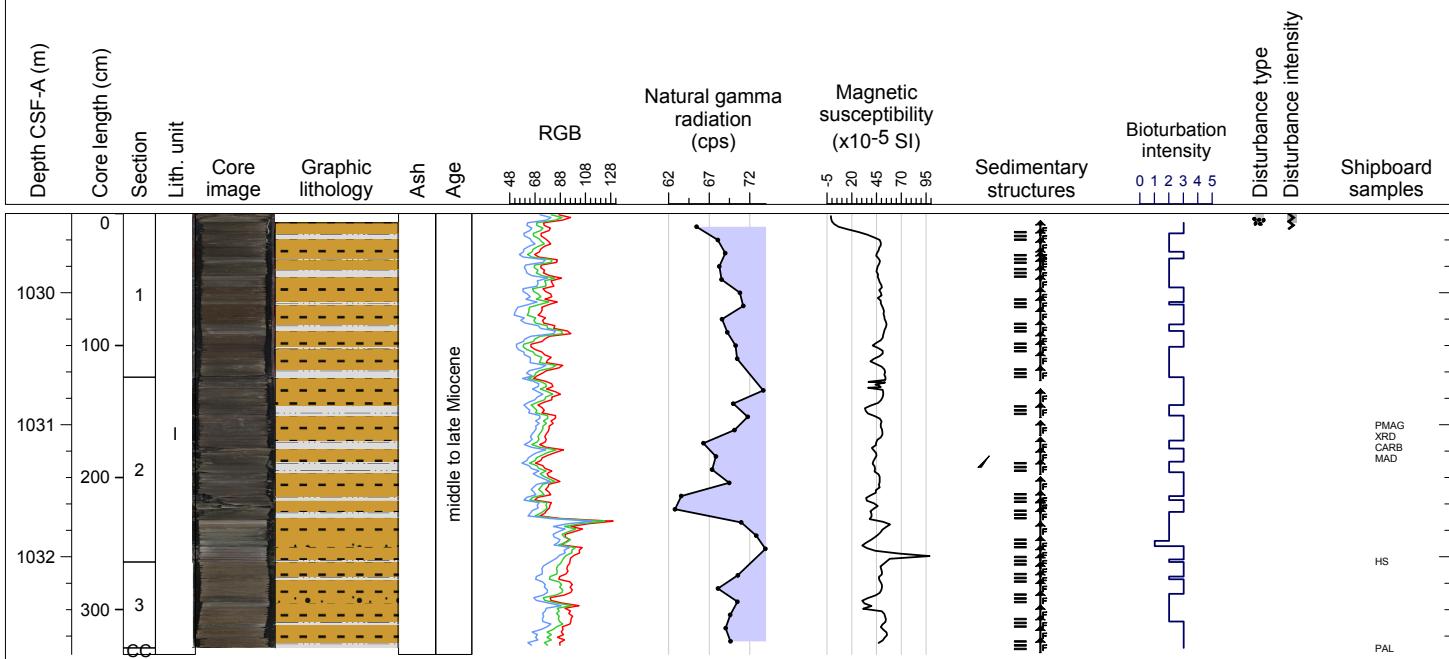
Hole 368X-U1503A Core 5R, Interval 1019.8-1028.02 m (CSF-A)

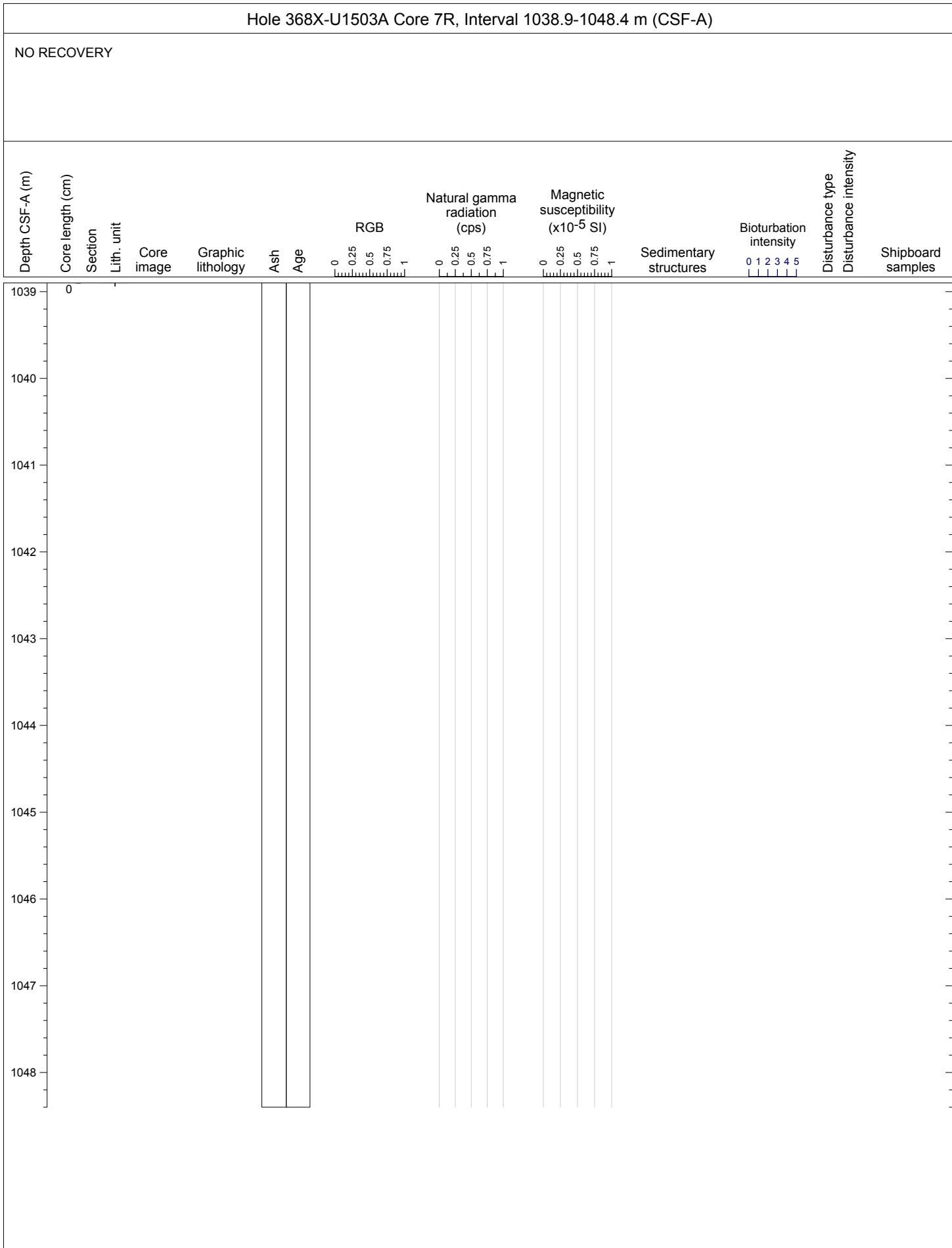
Very dark gray to very dark grayish brown CLAYSTONE, SILTY CLAYSTONE and CLAYEY SILTSTONE beds. Beds have sharp bases and fine upwards from laminated and moderately bioturbated basal intervals. These are possibly turbidites. Color changes down core to grayish brown in Sections 5, 6, and CC.



Hole 368X-U1503A Core 6R, Interval 1029.4-1032.74 m (CSF-A)

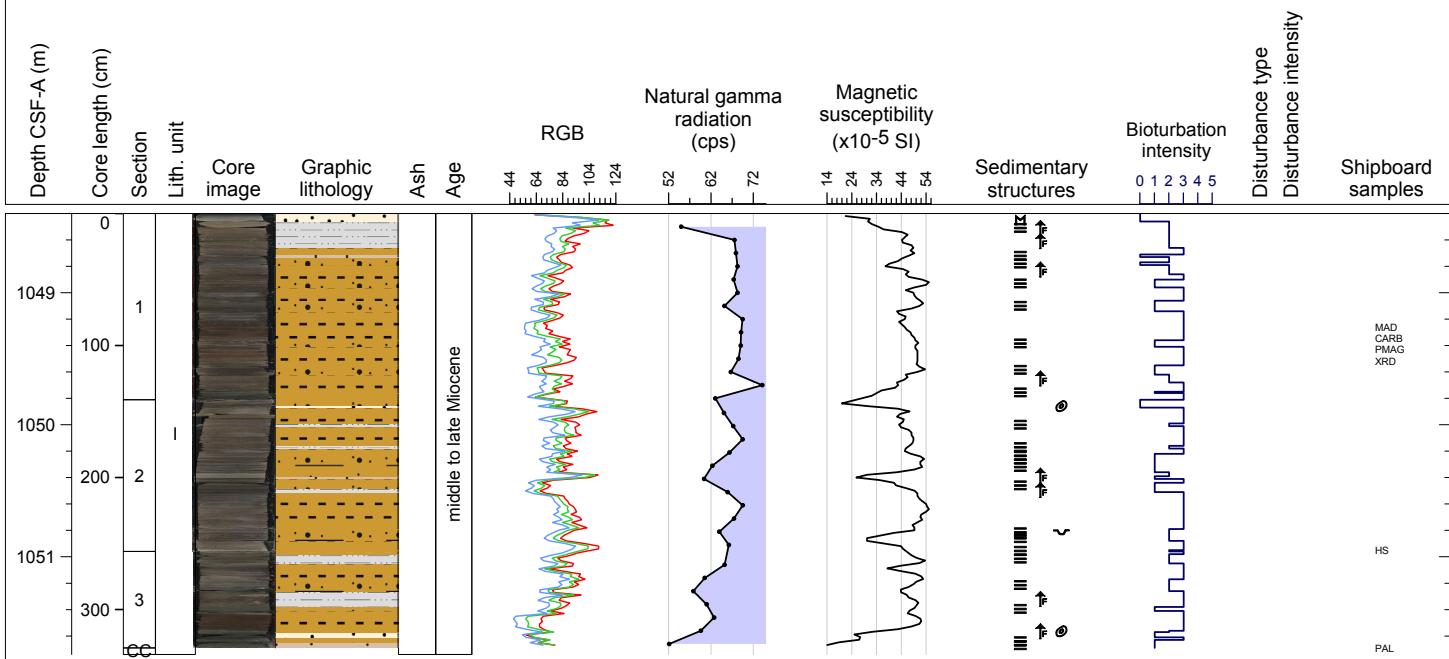
Very dark grayish brown CLAYSTONE, laminated SILTY CLAYSTONE and CLAYEY SILTSTONE in fining upward beds. Beds with laminated bases that fine upward are possibly turbidites.





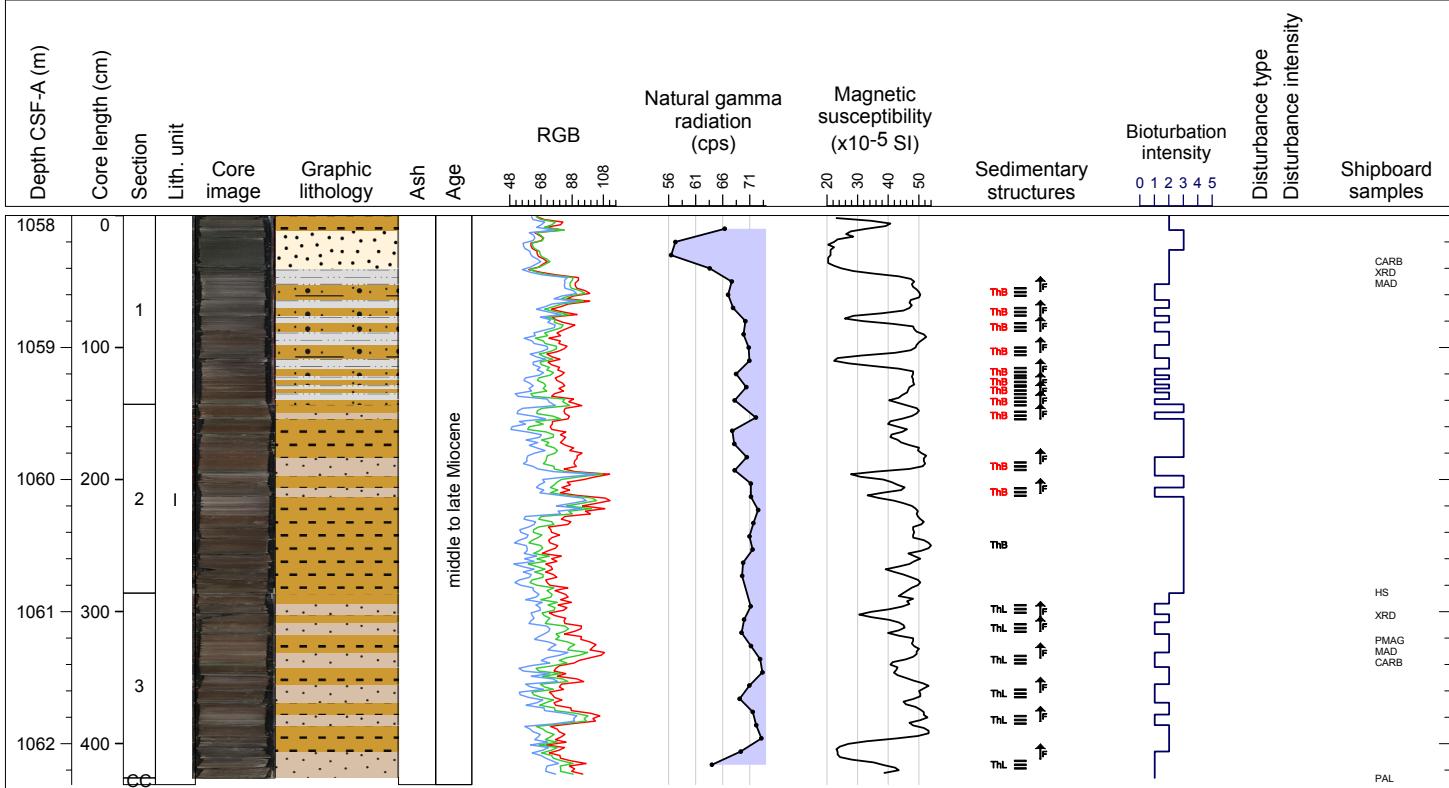
Hole 368X-U1503A Core 8R, Interval 1048.4-1051.74 m (CSF-A)

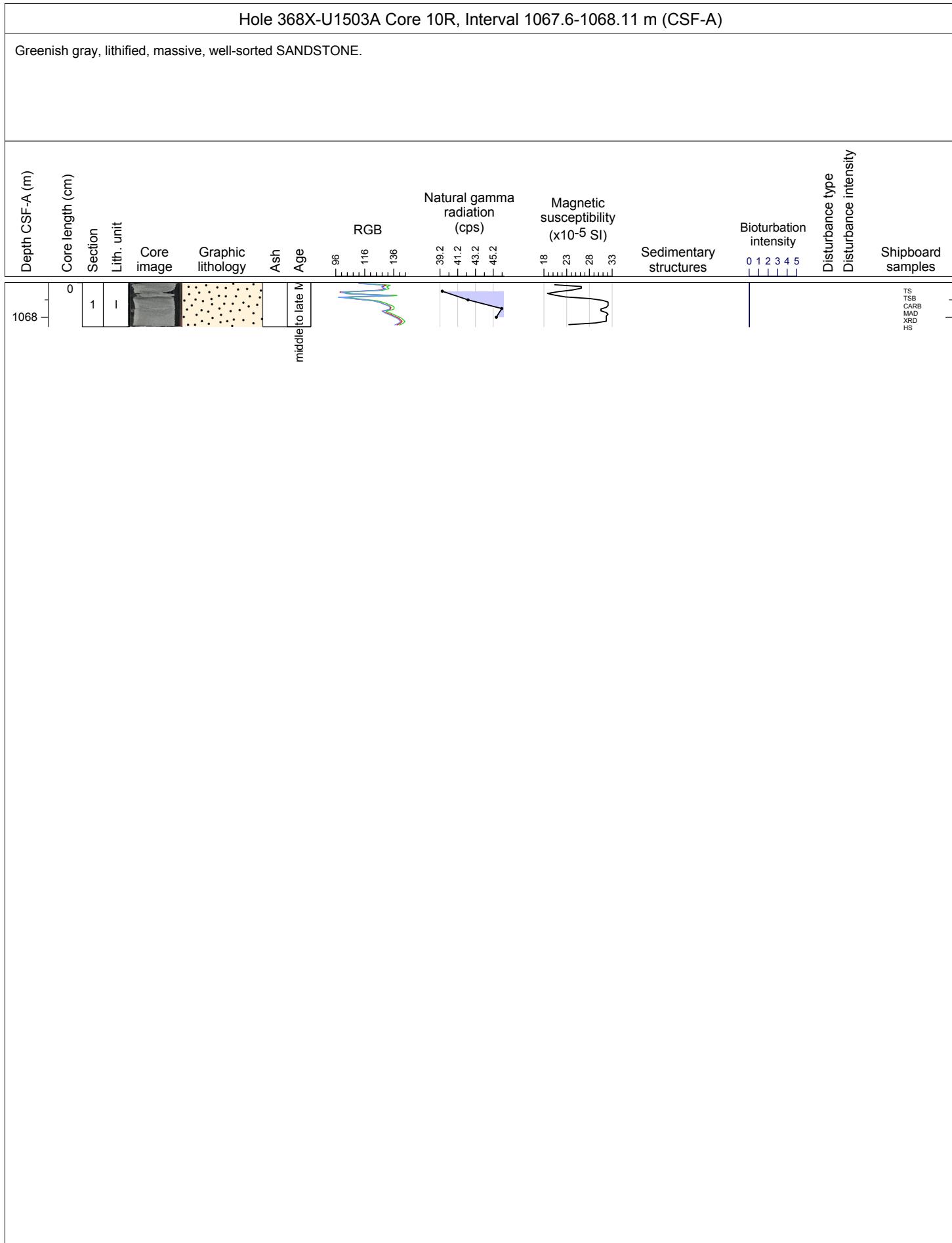
Gray and very dark gray CLAYSTONE, SILTY CLAYSTONE and CLAYEY SILTSTONE interbedded with greenish gray SANDSTONE. Some beds fine upward from laminated silty bases to claystone tops and are possibly turbidites.

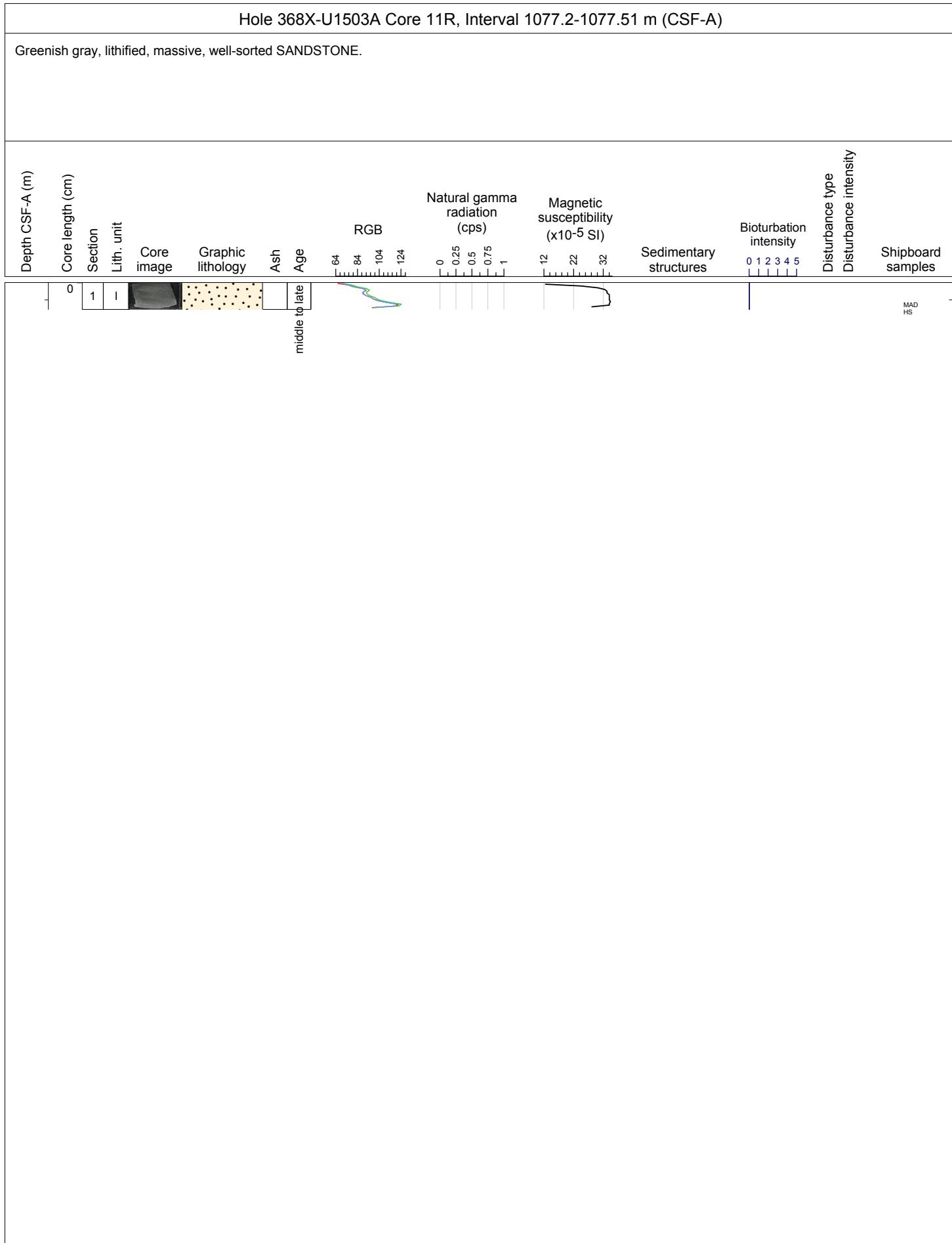


Hole 368X-U1503A Core 9R, Interval 1058.0-1062.31 m (CSF-A)

Very dark gray to very dark greenish gray fining upward sequences of CLAYEY SILTSTONE interbedded with moderate to heavily bioturbated dark reddish gray CLAYSTONE with gradational contacts. A SANDSTONE layer with a sharp basal contact is in Section 1.

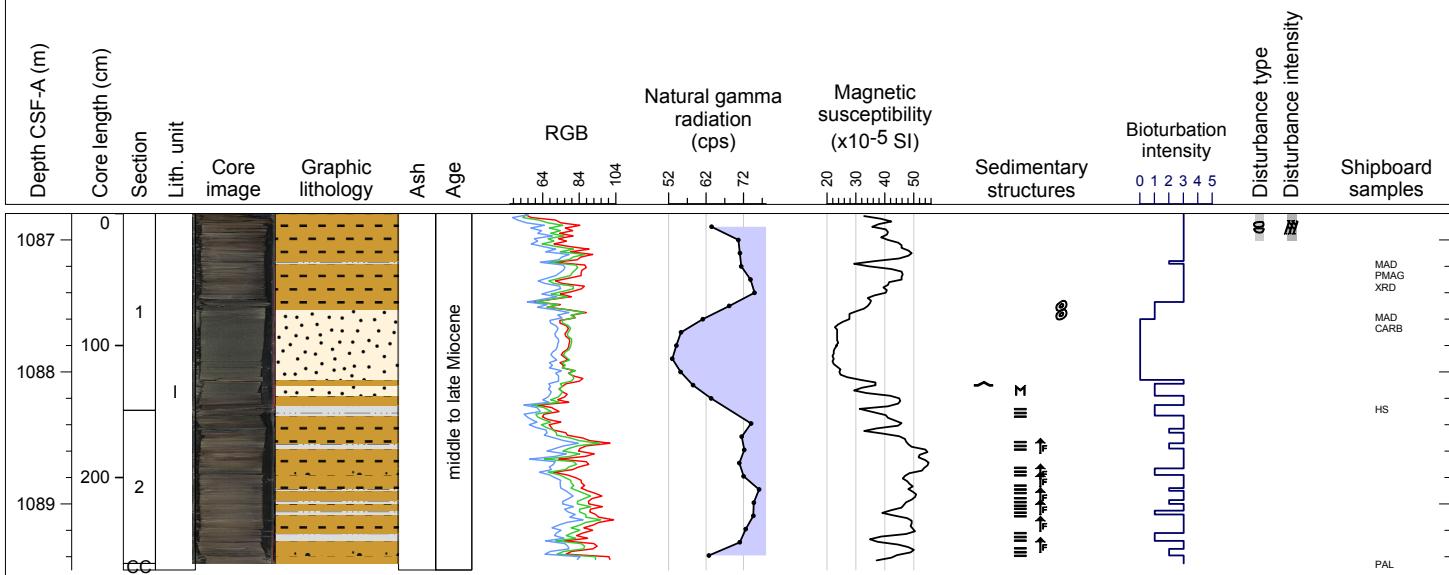






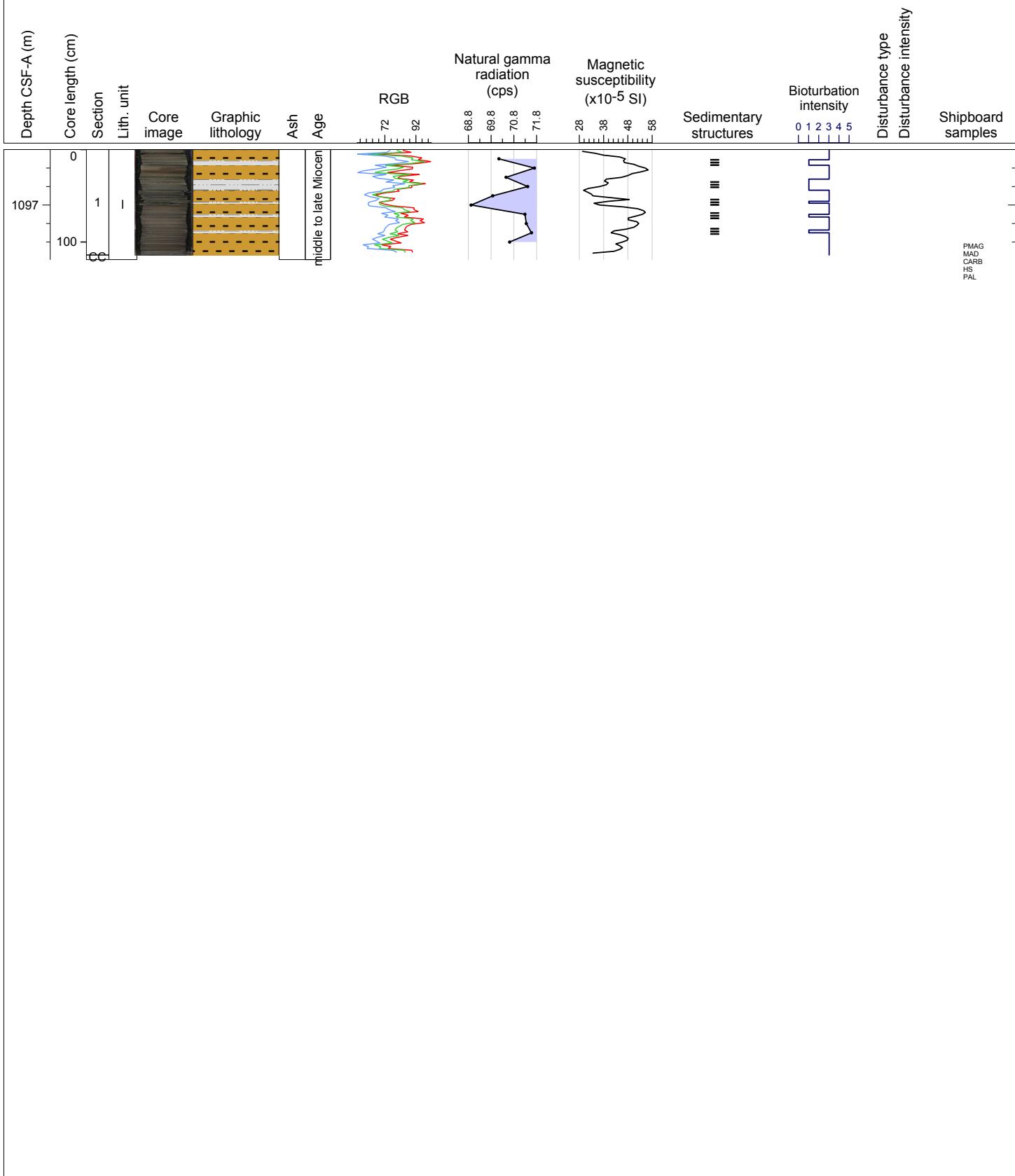
Hole 368X-U1503A Core 12R, Interval 1086.8-1089.5 m (CSF-A)

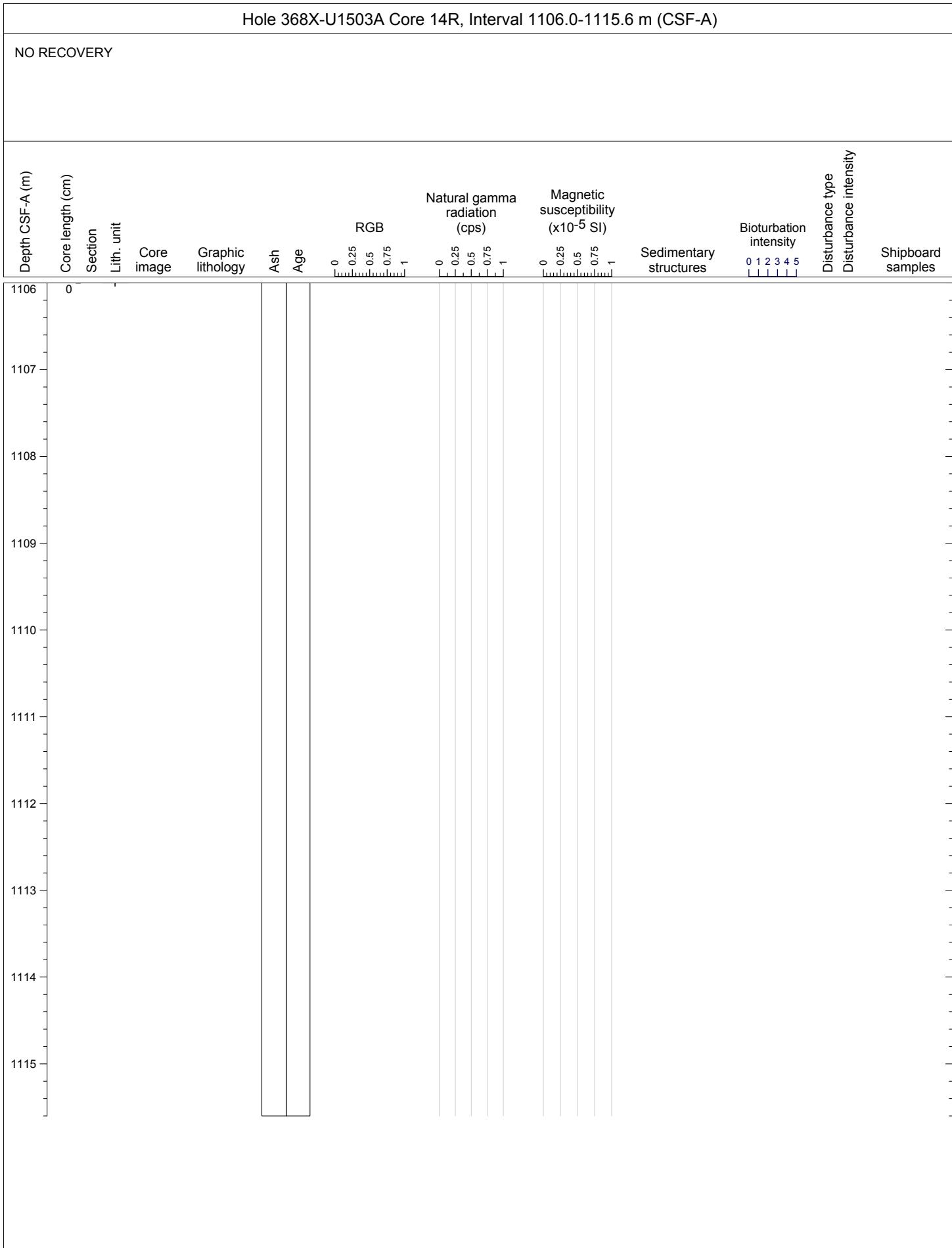
Very dark grayish brown and dark gray CLAYSTONE, SILTY CLAYSTONE and CLAYEY SILTSTONE. The SILTY CLAYSTONE and CLAYEY SILTSTONE are laminated and fine upward to massive CLAYSTONE. These are interpreted as turbidites. There is very dark greenish gray SANDSTONE with CLAYSTONE intraclasts in Section 1.



Hole 368X-U1503A Core 13R, Interval 1096.4-1097.59 m (CSF-A)

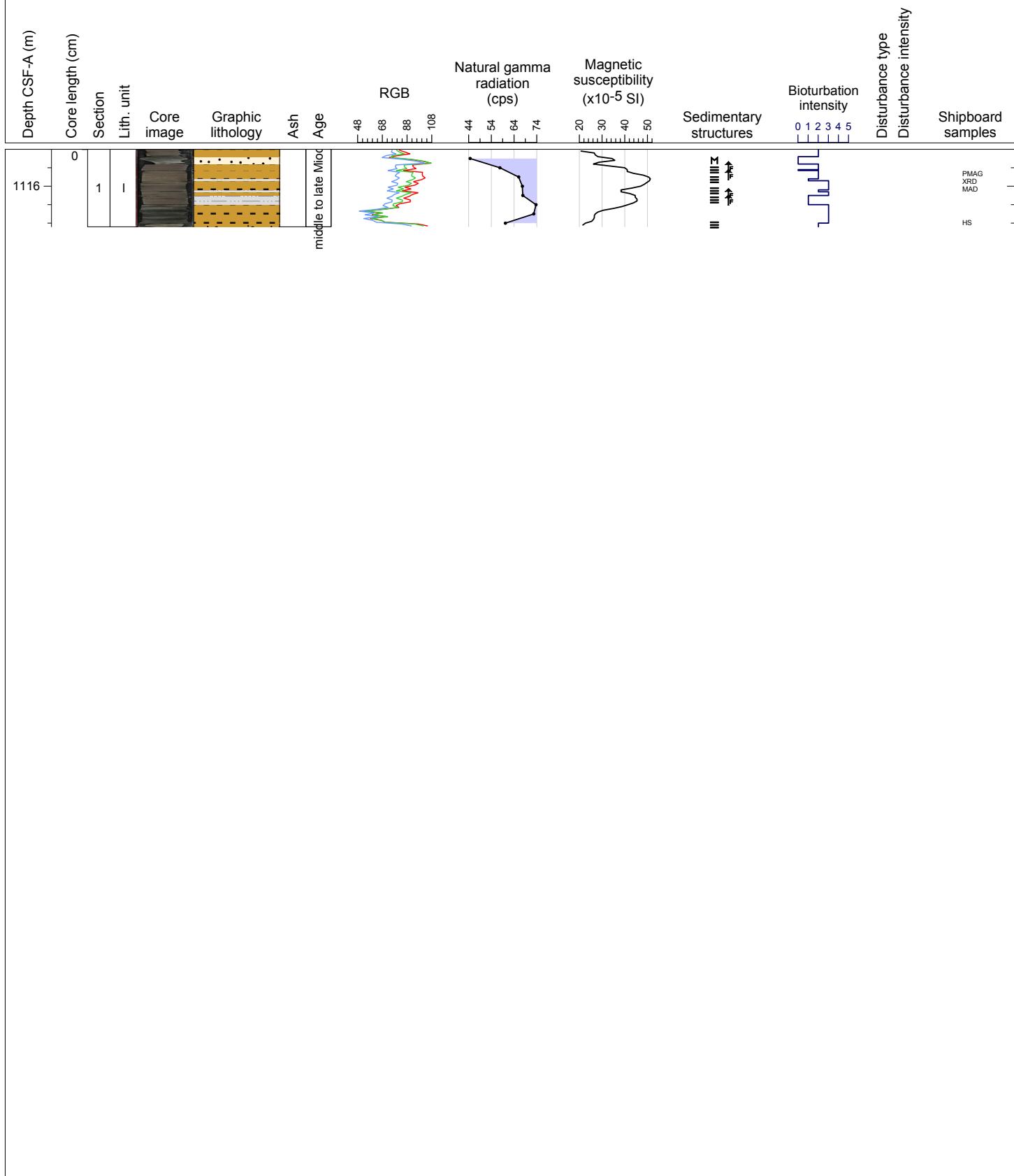
Very dark grayish brown to dark gray CLAYSTONE and laminated SILTY CLAYSTONE with gradational contacts. Beds fine upwards from laminated bases to massive bioturbated tops.





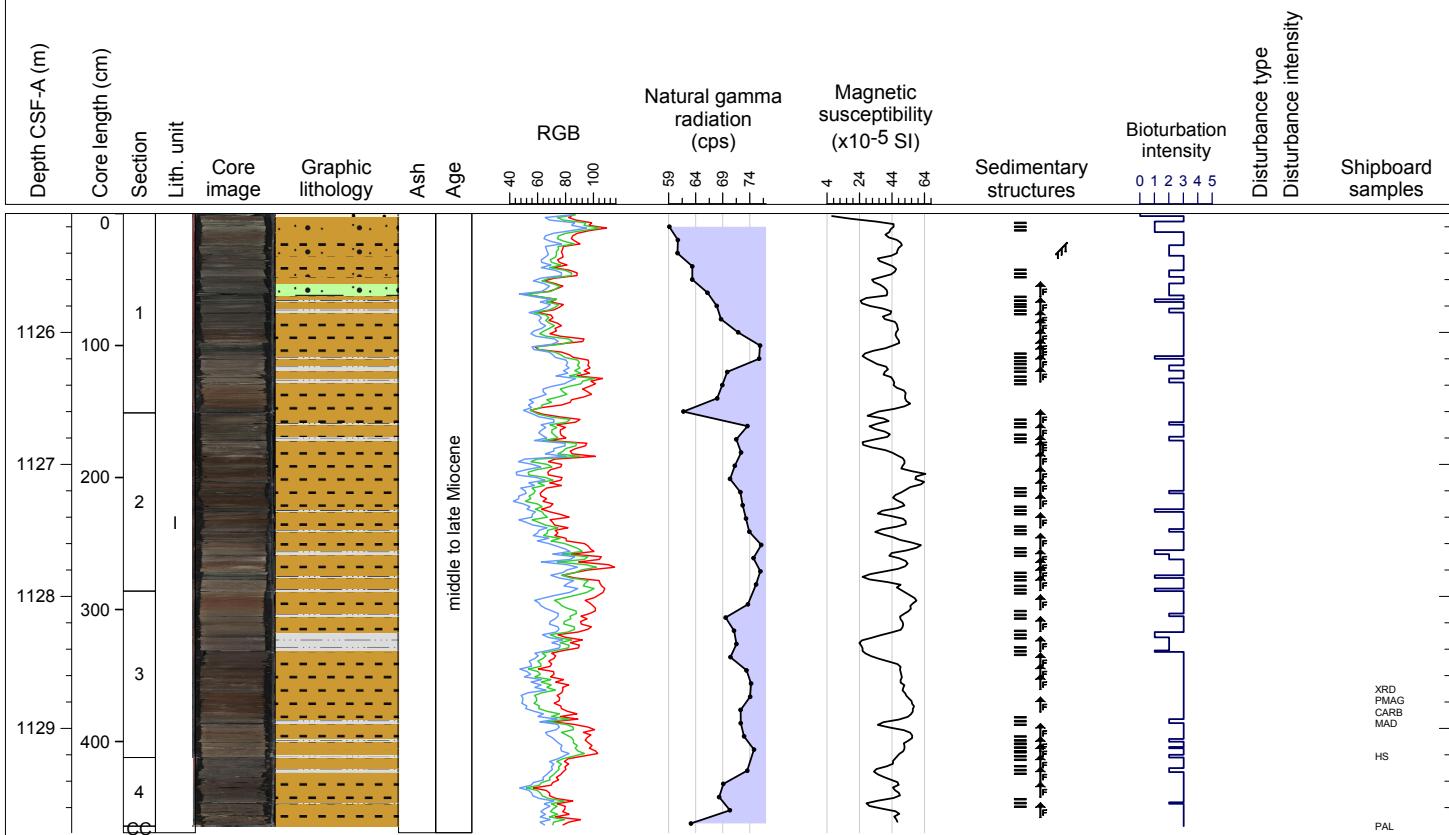
Hole 368X-U1503A Core 15R, Interval 1115.6-1116.44 m (CSF-A)

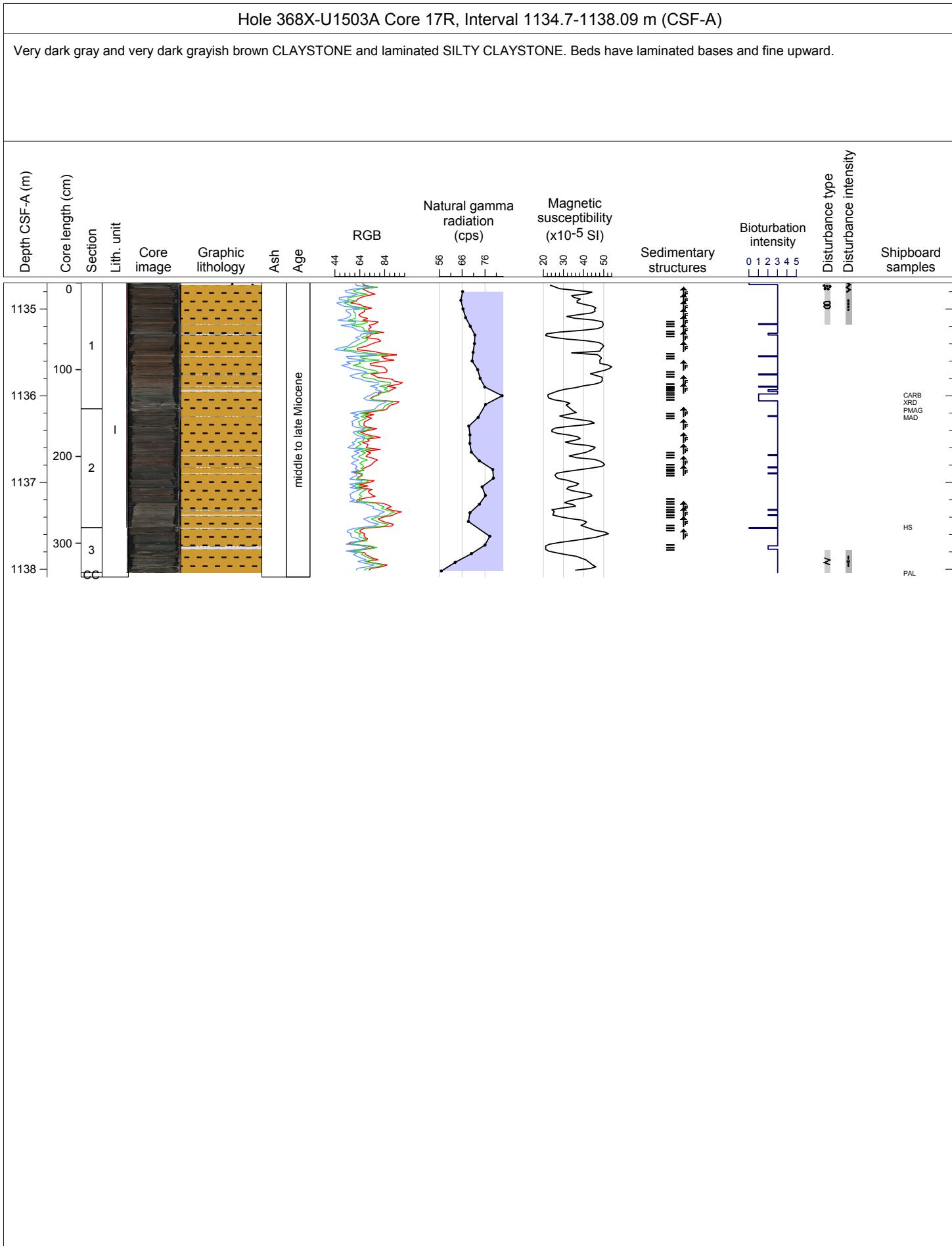
Very dark grayish brown and very dark gray CLAYSTONE and laminated SILTY CLAYSTONE, olive gray laminated CLAYEY SILTSTONE, and greenish gray SANDSTONE. Beds fine upward from laminated bases to massive bioturbated tops and are interpreted as turbidites.

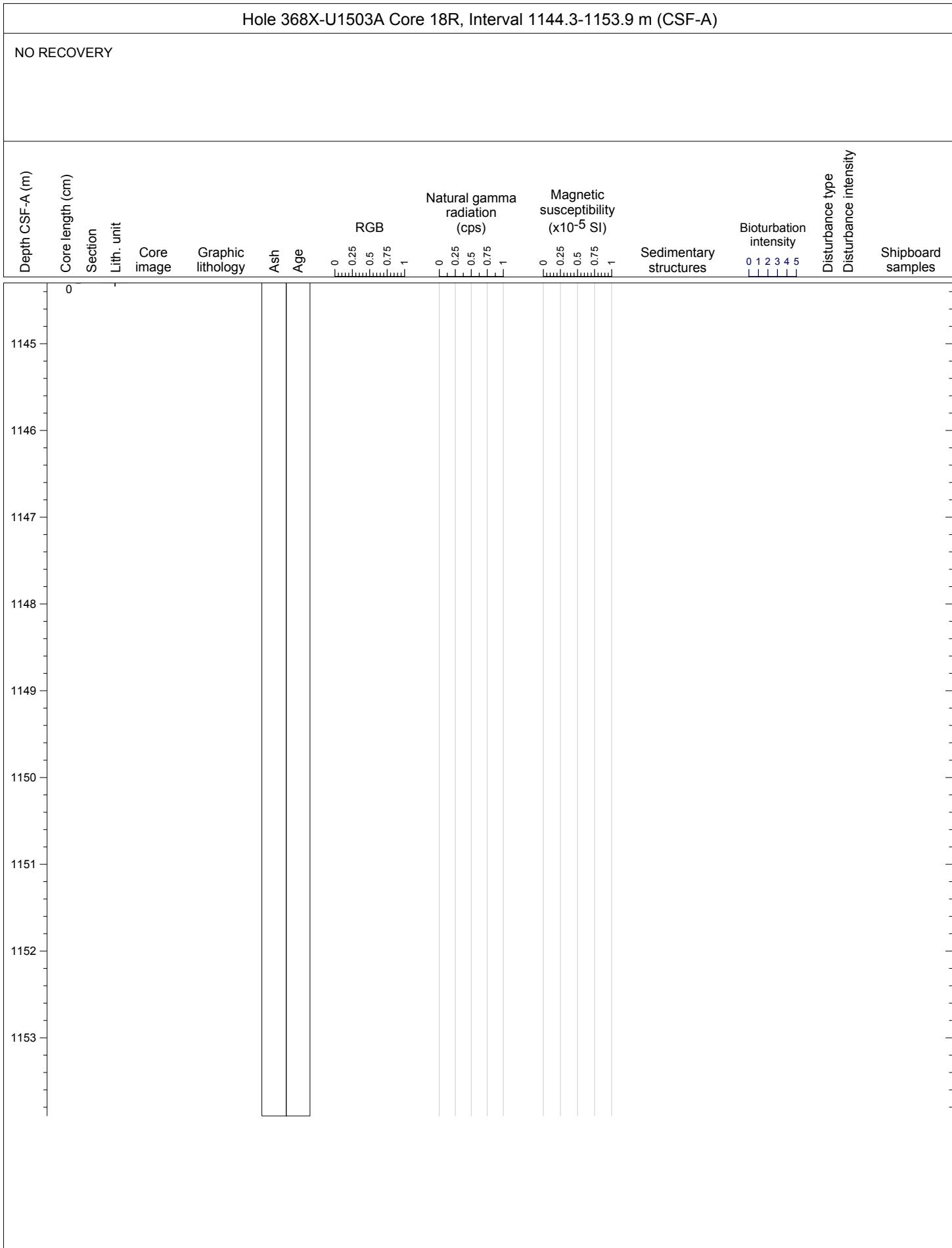


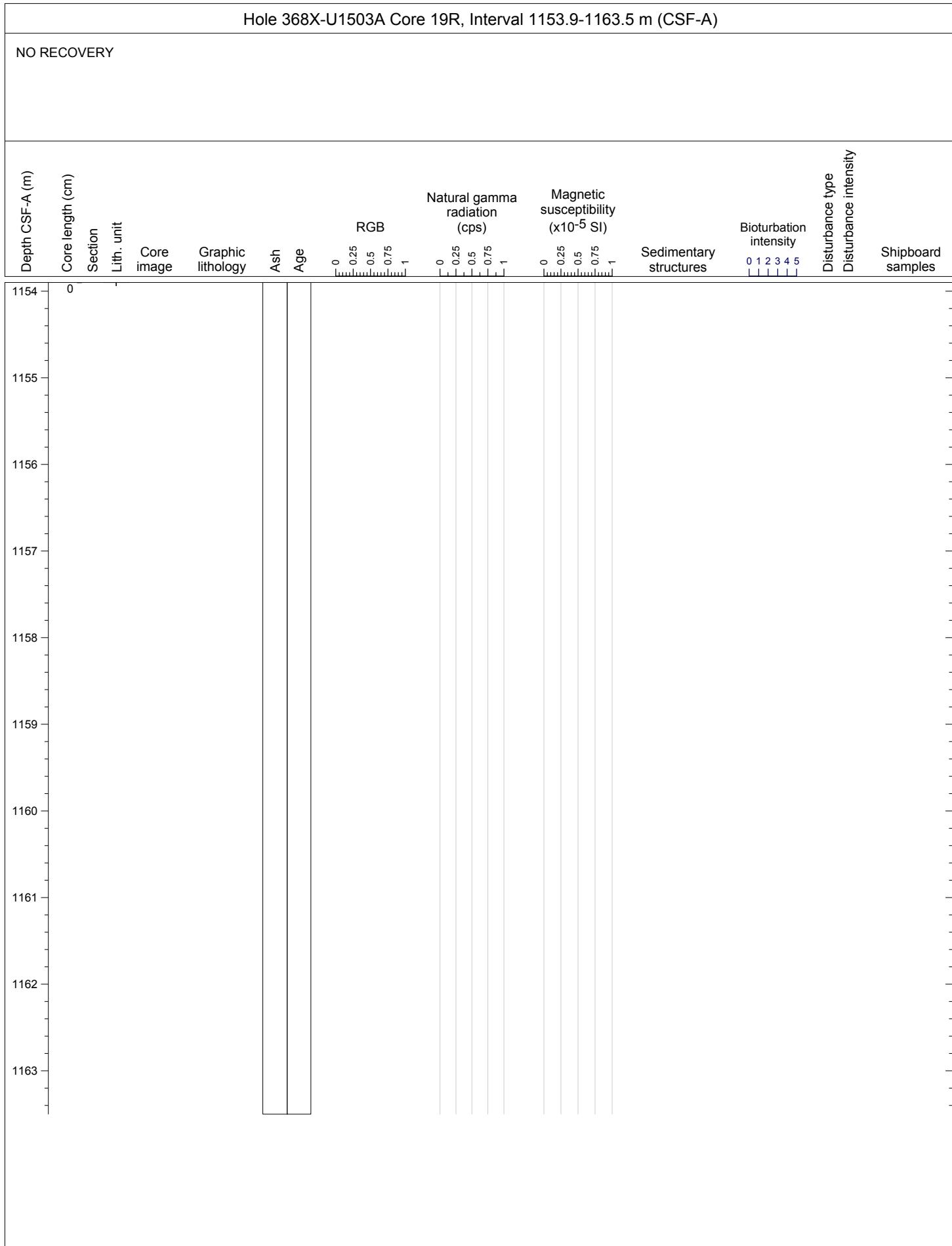
Hole 368X-U1503A Core 16R, Interval 1125.1-1129.79 m (CSF-A)

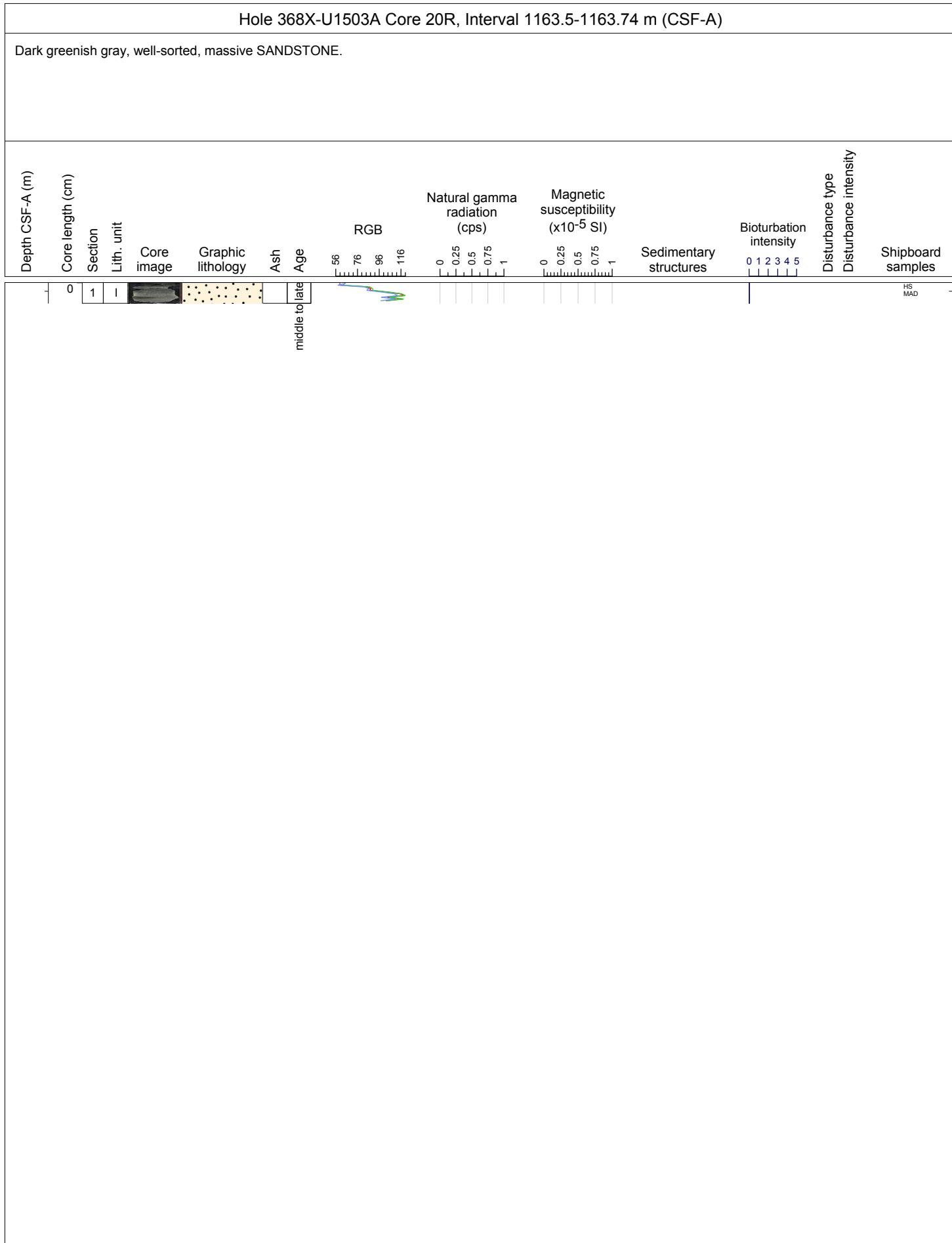
Very dark grayish brown, dark brown and dark olive gray CLAYSTONE and laminated SILTY CLAYSTONE, olive gray laminated CLAYEY SILTSTONE and rare dark greenish gray SILTSTONE. Beds fine upward from laminated CLAYEY SILTSTONE bases to CLAYSTONE tops and are interpreted as turbidites.





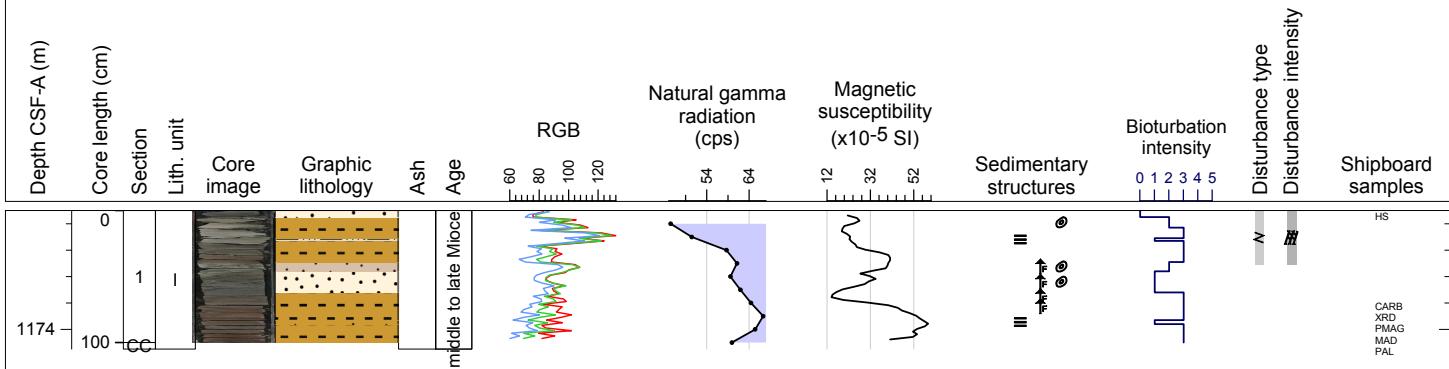






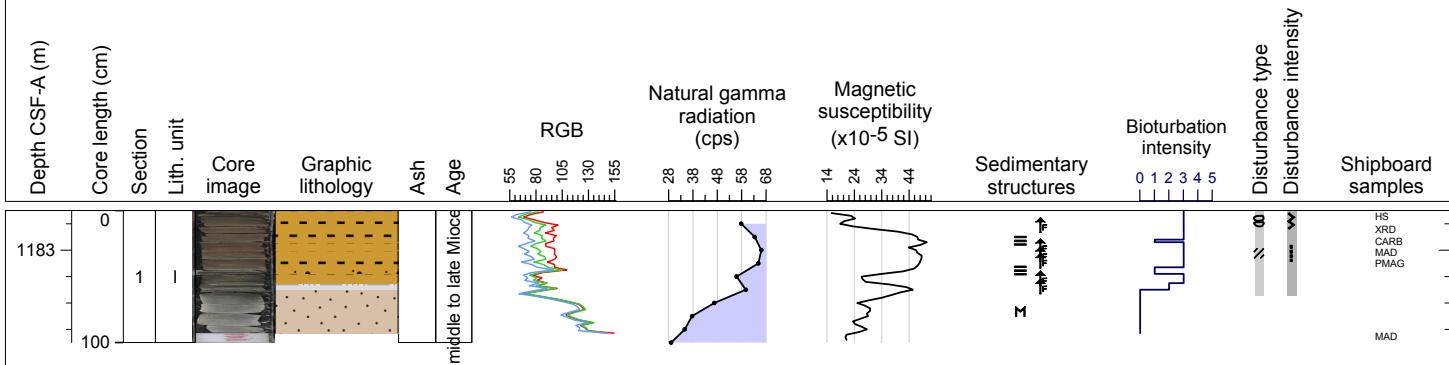
Hole 368X-U1503A Core 21R, Interval 1173.1-1174.15 m (CSF-A)

Very dark grayish brown, dark greenish gray and dark reddish brown CLAYSTONE, dark greenish gray SILTSTONE and dark greenish gray SANDSTONE. The interval between 38 and 62 cm in Section 1 is a single fining upward bed with CLAYSTONE intraclasts.



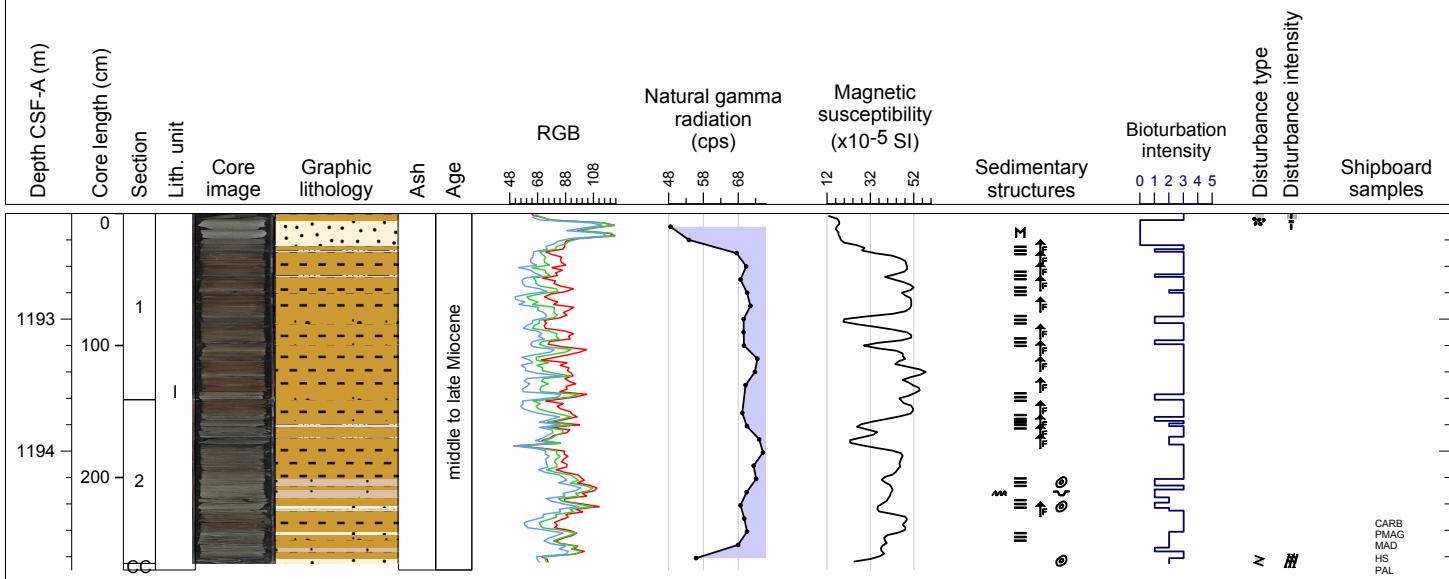
Hole 368X-U1503A Core 22R, Interval 1182.7-1183.7 m (CSF-A)

Dark reddish gray CLAYSTONE, white laminated CLAYEY SILTSTONE and dark greenish gray massive SANDSTONE. CLAYSTONE beds have laminated CLAYEY SILTSTONE bases and fine upwards.



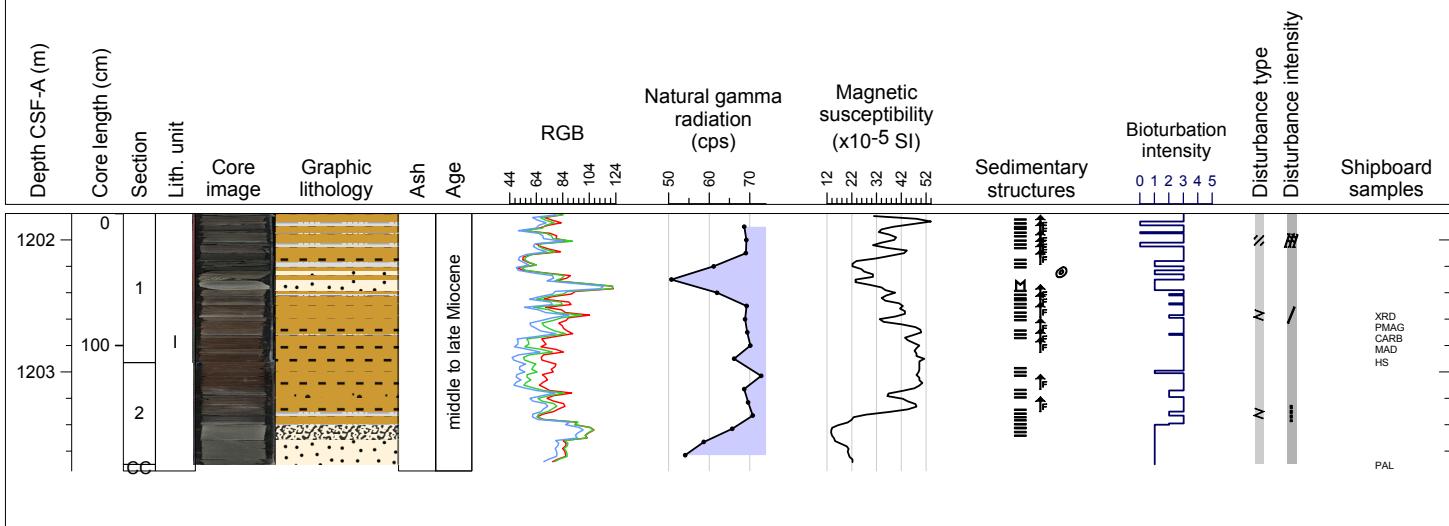
Hole 368X-U1503A Core 23R, Interval 1192.2-1194.9 m (CSF-A)

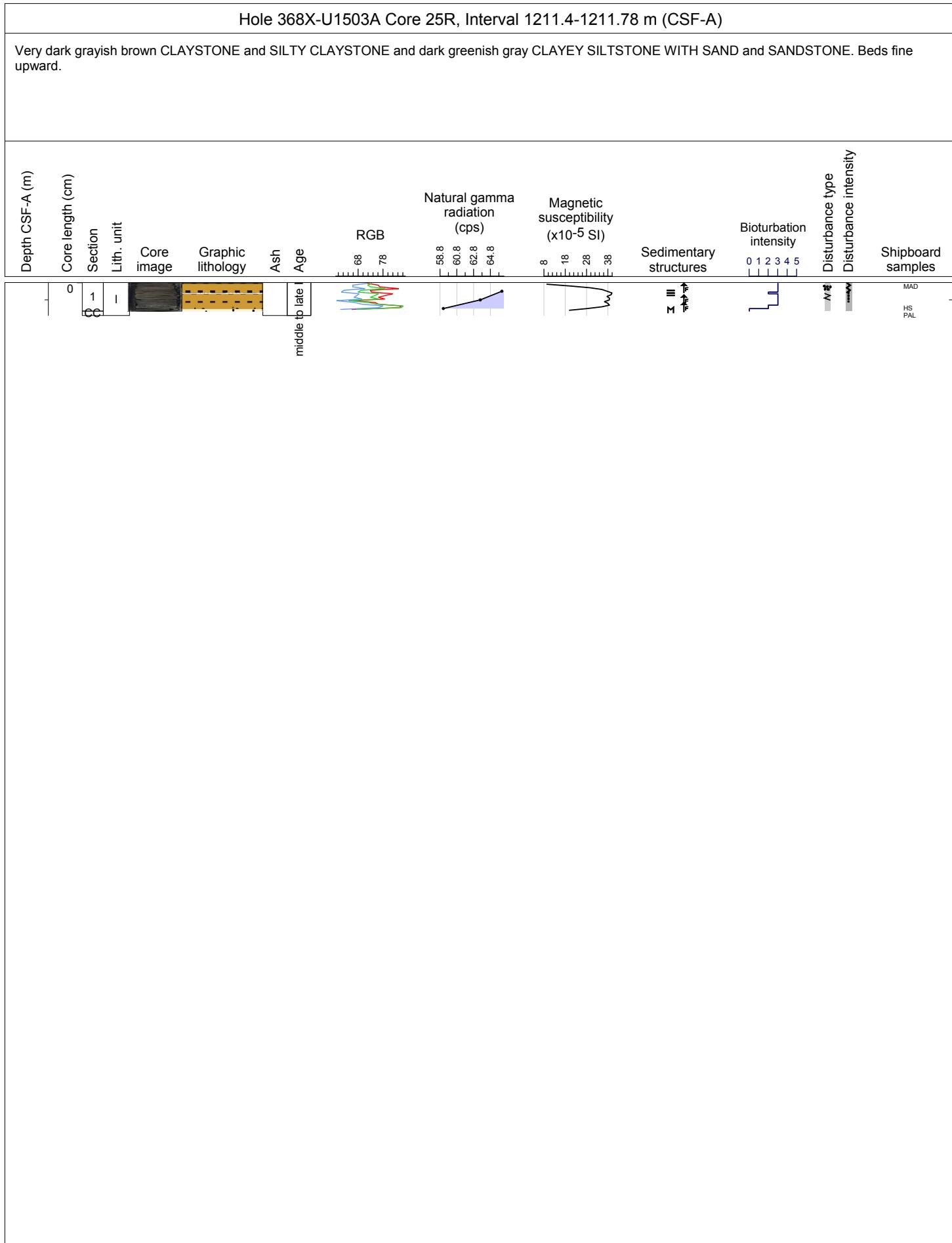
Dark greenish gray, dark reddish brown and dark grayish brown CLAYSTONE and SILTY CLAYSTONE, light gray laminated CLAYEY SILTSTONE and dark greenish gray SANDSTONE. CLAYSTONE beds fine upward from laminated SILTY CLAYSTONE and CLAYEY SILTSTONE bases. There is a massive, well-sorted SANDSTONE in Section 1.

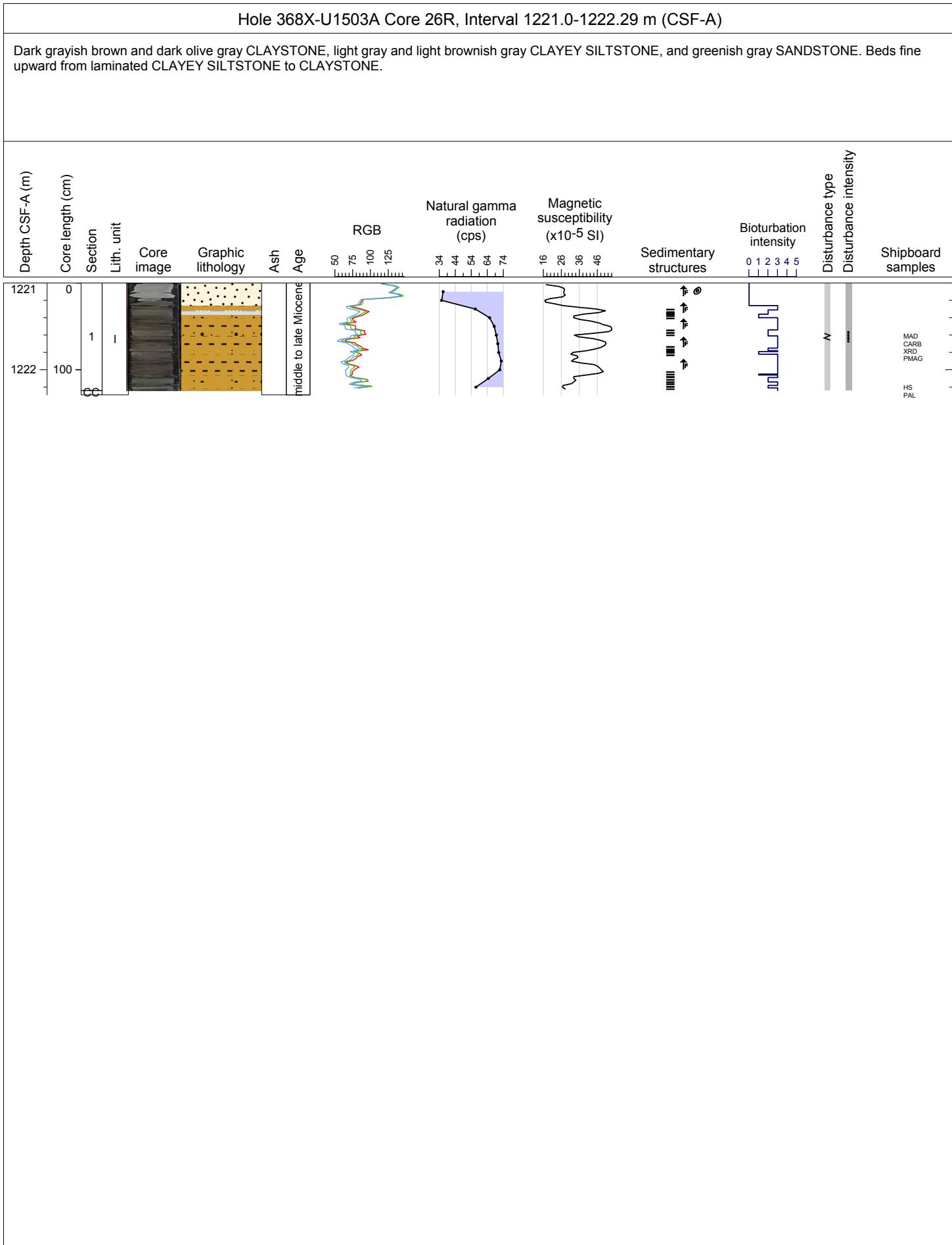


Hole 368X-U1503A Core 24R, Interval 1201.8-1203.75 m (CSF-A)

Very dark grayish brown and reddish brown CLAYSTONE and laminated SILTY CLAYSTONE, light gray laminated CLAYEY SILTSTONE and dark greenish gray and greenish gray SANDSTONE. CLAYSTONE beds fine upward from laminated SILTY CLAYSTONE and CLAYEY SILTSTONE bases. SANDSTONE in Section 1, 43-46 cm, has CLAYSTONE intraclasts.

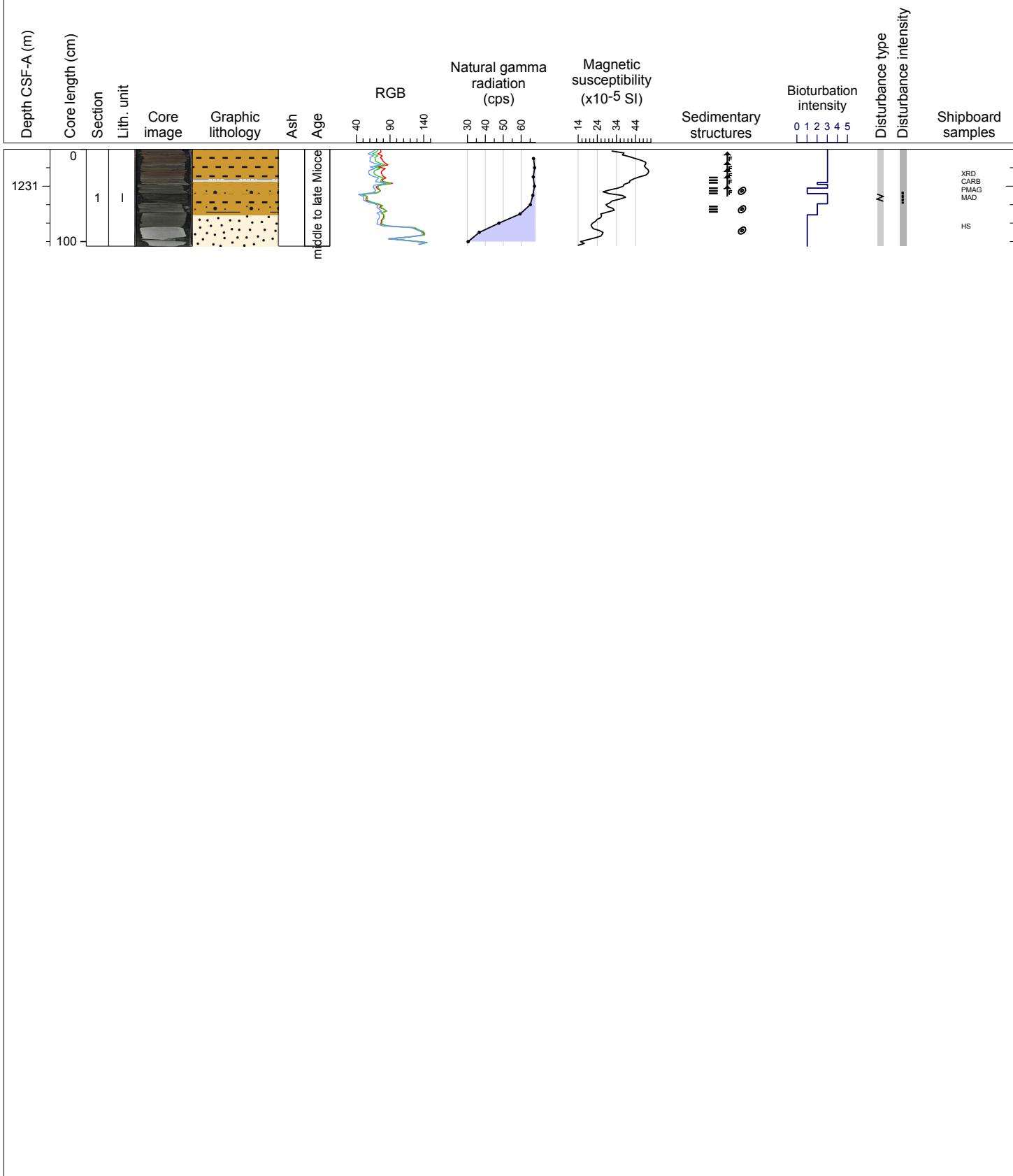






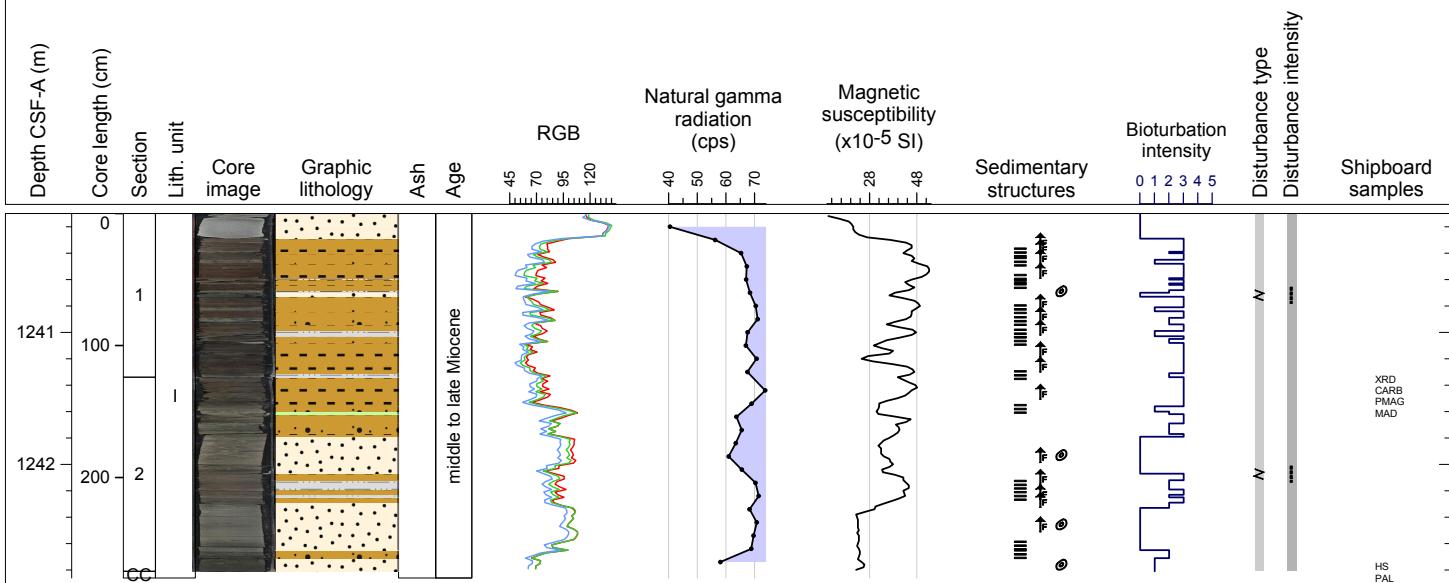
Hole 368X-U1503A Core 27R, Interval 1230.6-1231.65 m (CSF-A)

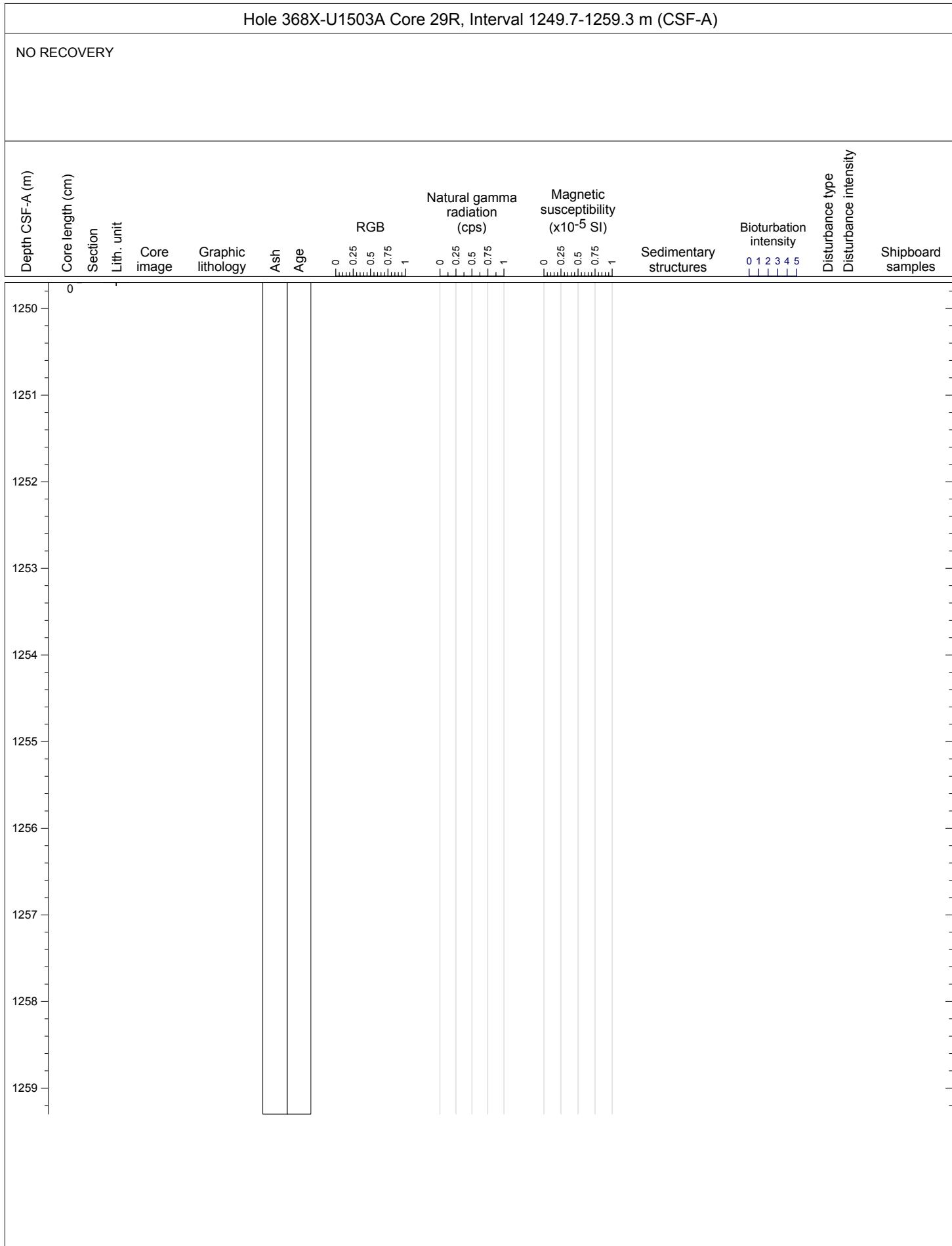
Reddish brown and dark grayish brown CLAYSTONE, olive gray, laminated SILTY CLAYSTONE and CLAYEY SILTSTONE WITH SAND, and greenish gray SANDSTONE. Beds fine upward from laminated SILTY CLAYSTONE and CLAYEY SILTSTONE WITH SAND bases to CLAYSTONE.



Hole 368X-U1503A Core 28R, Interval 1240.1-1242.86 m (CSF-A)

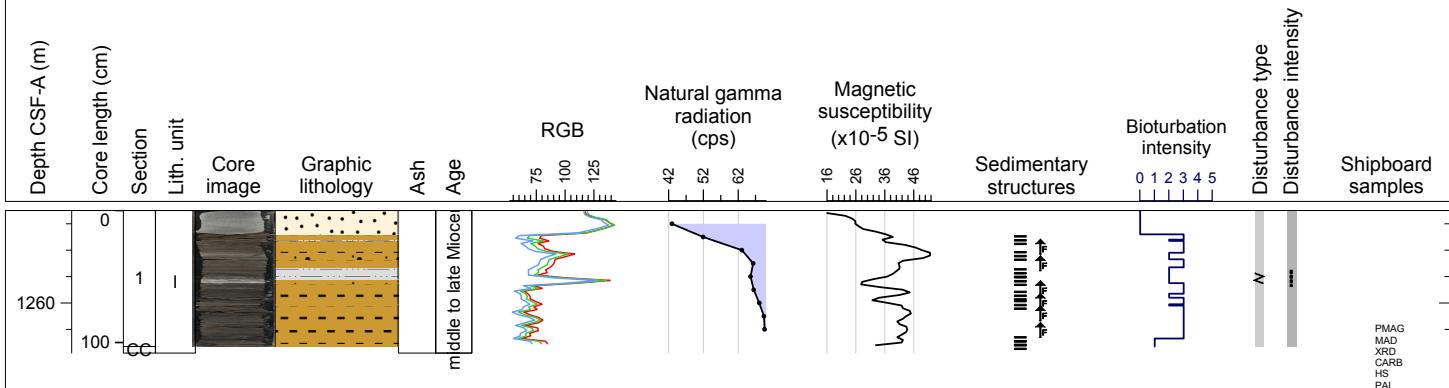
Reddish brown, dark grayish brown and dark greenish gray CLAYSTONE and SILTY CLAYSTONE, light gray and light olive gray CLAYEY SILTSTONE and greenish gray SANDSTONE. Beds fine upward from SILTY CLAYSTONE, CLAYEY SILTSTONE and fine SANDSTONE bases to CLAYSTONE. SANDSTONE intervals in Section 2 have CLAYSTONE intraclasts.





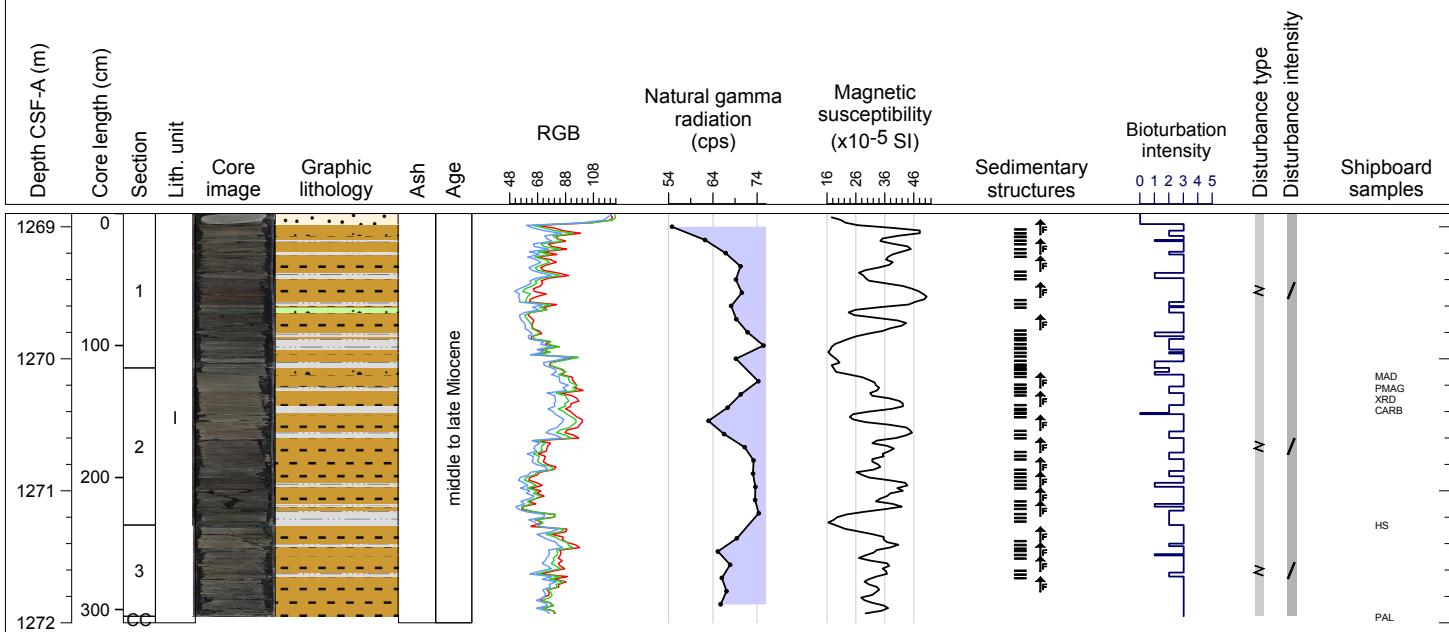
Hole 368X-U1503A Core 30R, Interval 1259.3-1260.38 m (CSF-A)

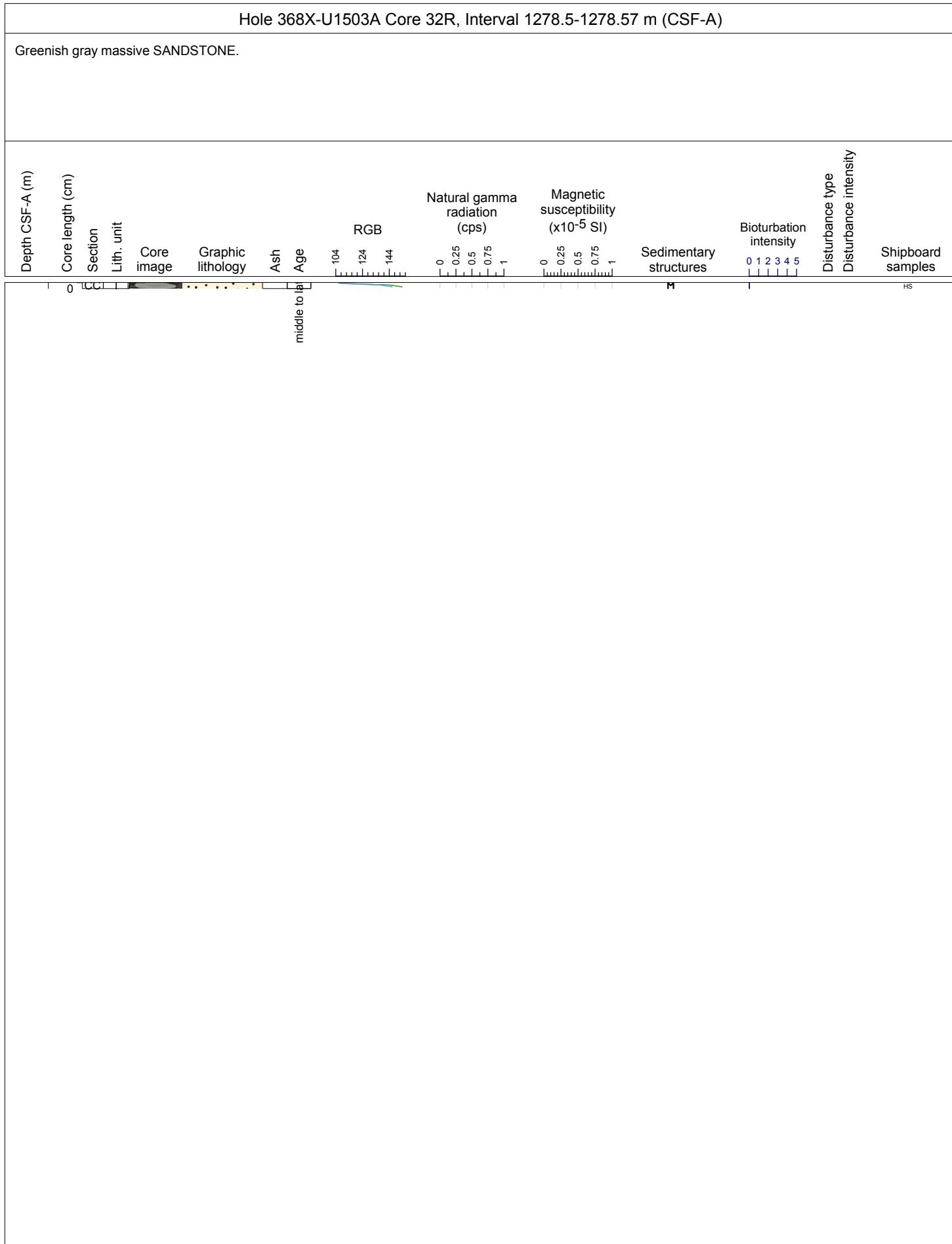
Dark grayish brown CLAYSTONE and laminated SILTY CLAYSTONE, light gray and white laminated CLAYEY SILTSTONE and greenish gray SANDSTONE. Beds fine upward from laminated SILTY CLAYSTONE and CLAYEY SILTSTONE bases to CLAYSTONE.

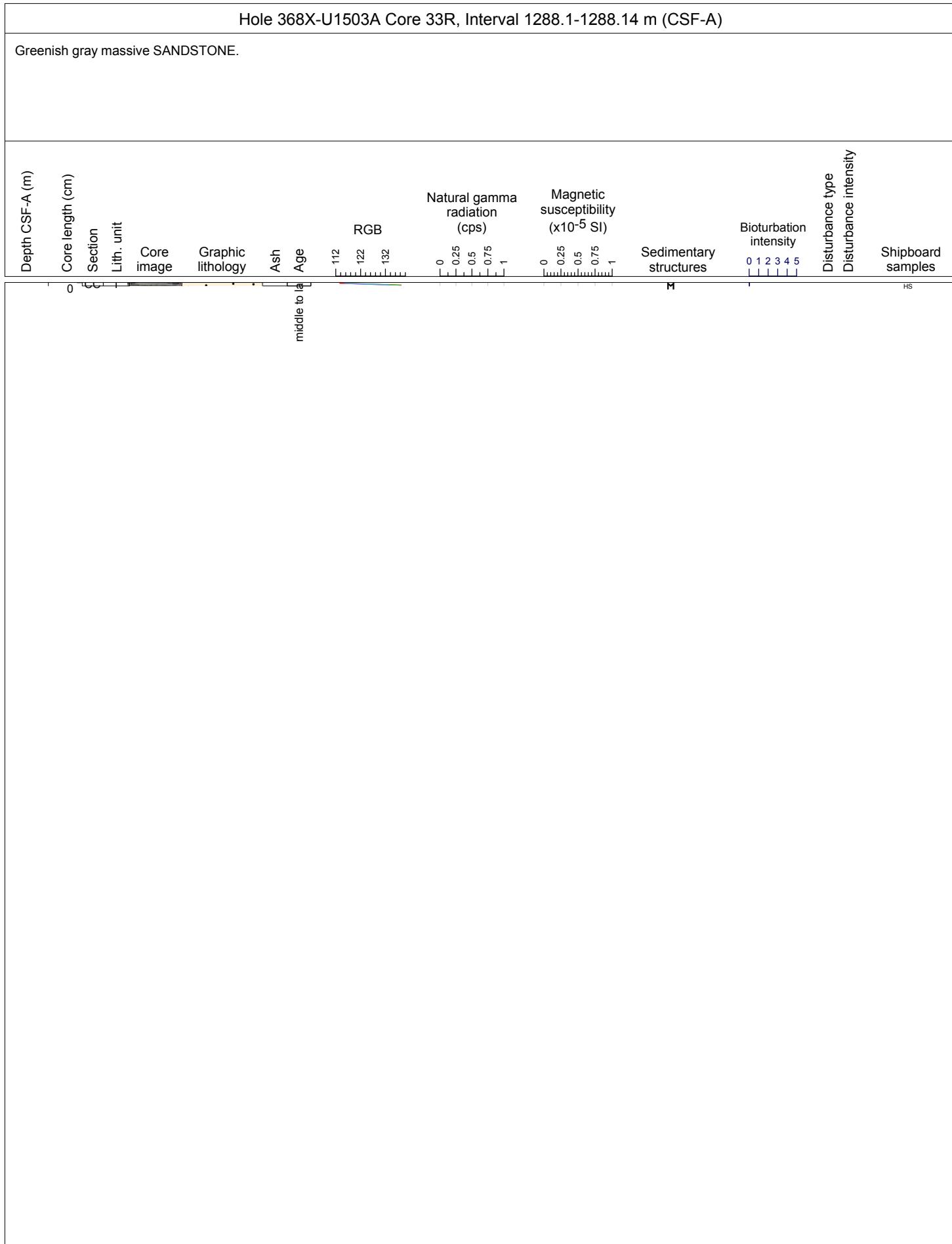


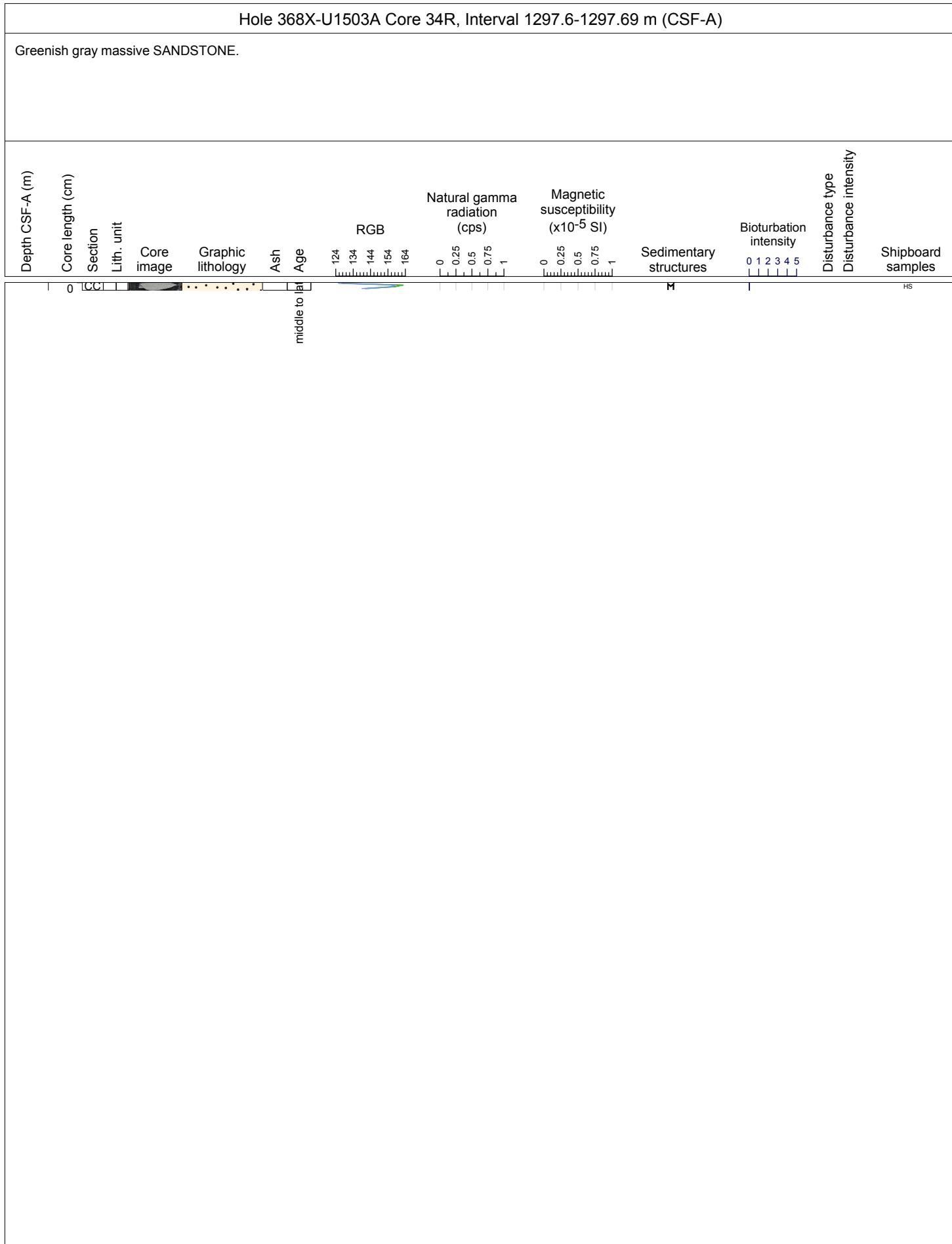
Hole 368X-U1503A Core 31R, Interval 1268.9-1272.0 m (CSF-A)

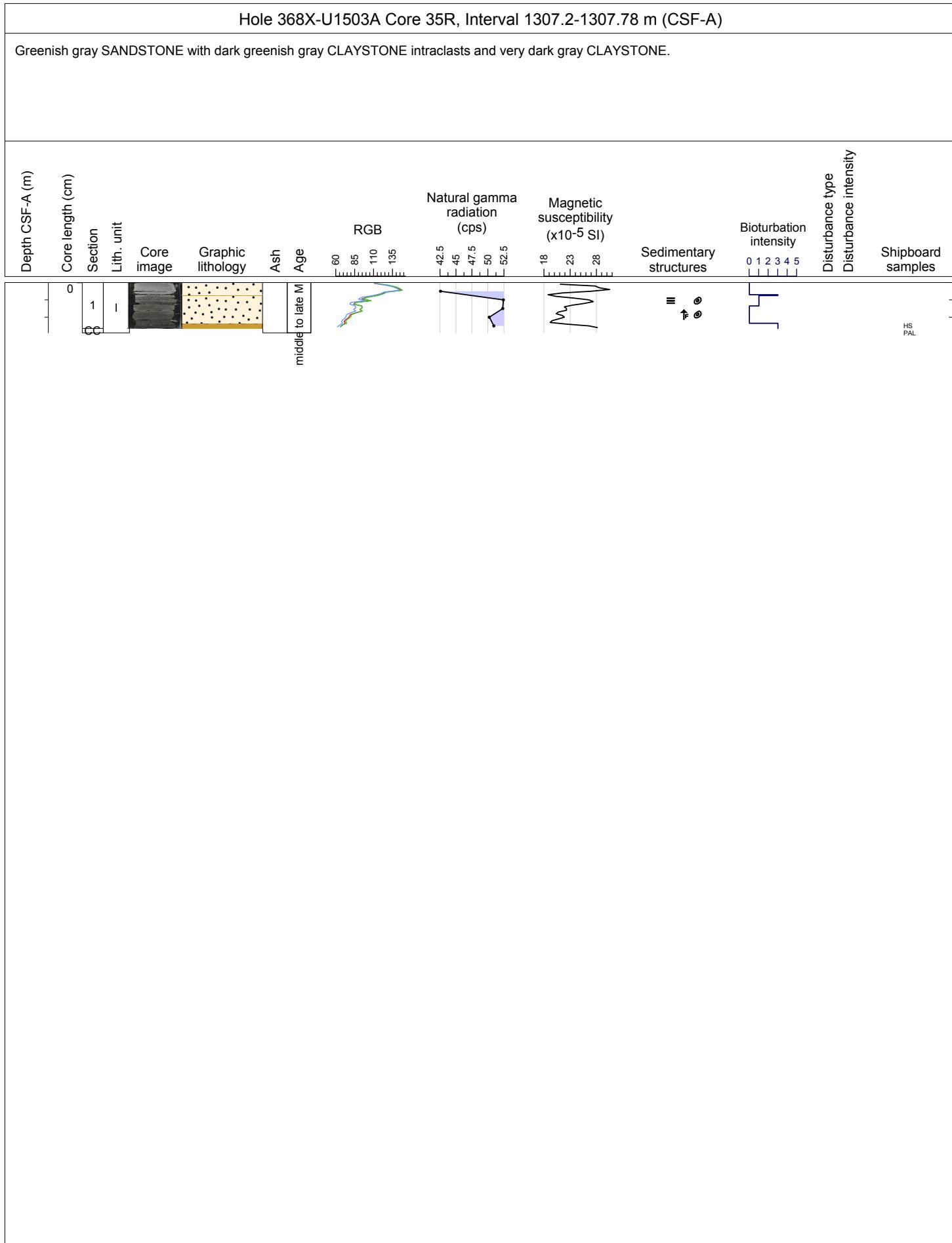
Dark grayish brown and very dark gray CLAYSTONE and SILTY CLAYSTONE, grayish brown and gray laminated CLAYEY SILTSTONE, and greenish gray SANDSTONE. Beds fine upward from laminated SILTY CLAYSTONE and CLAYEY SILTSTONE bases to CLAYSTONE.





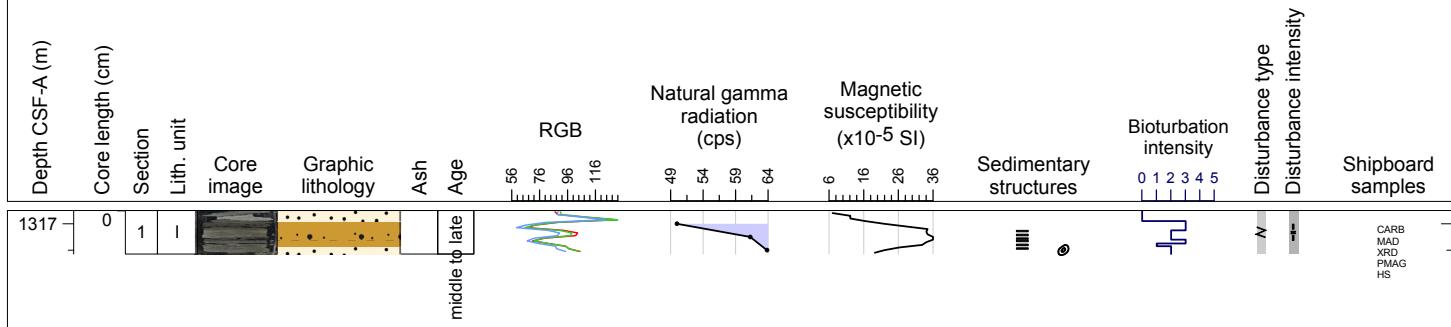


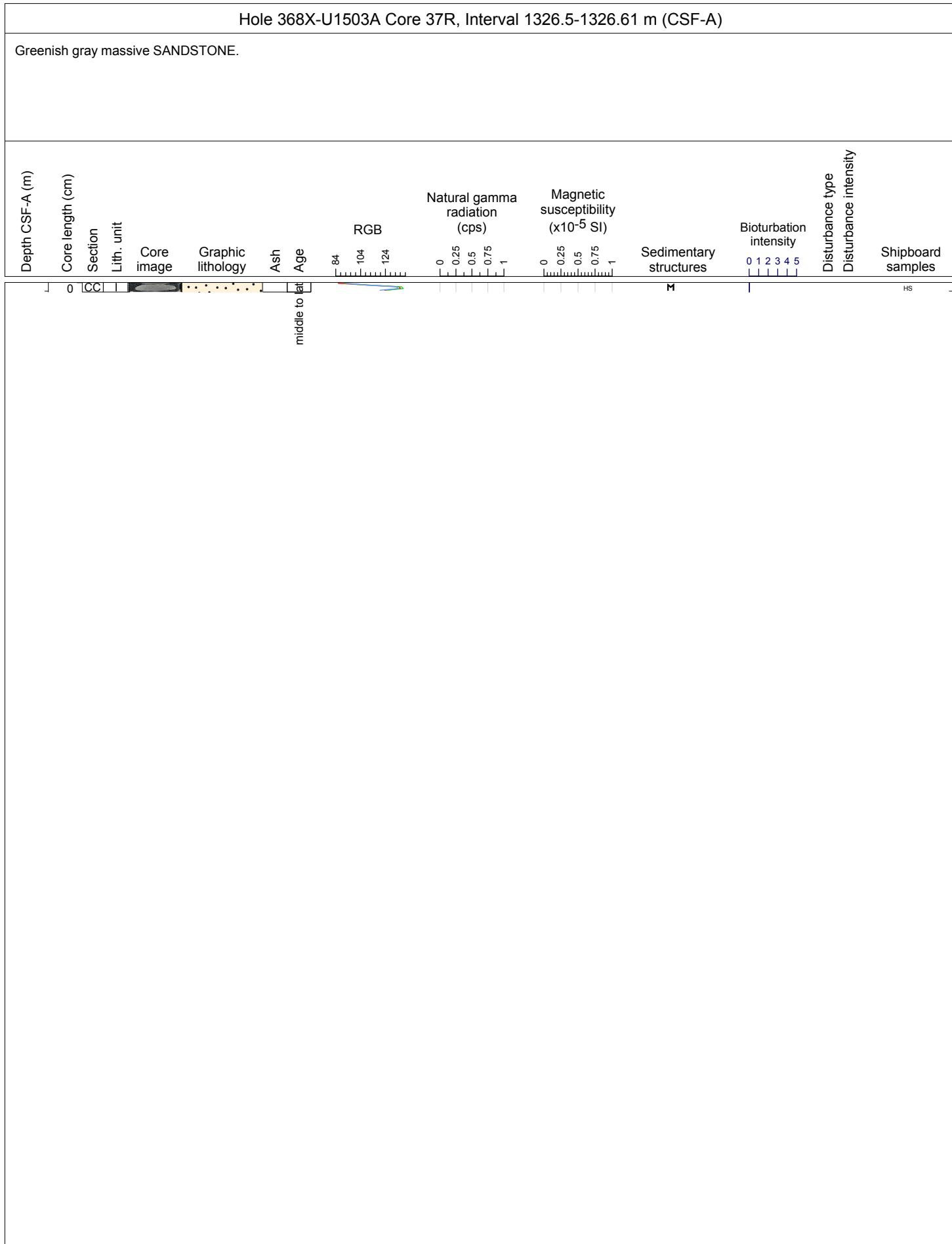


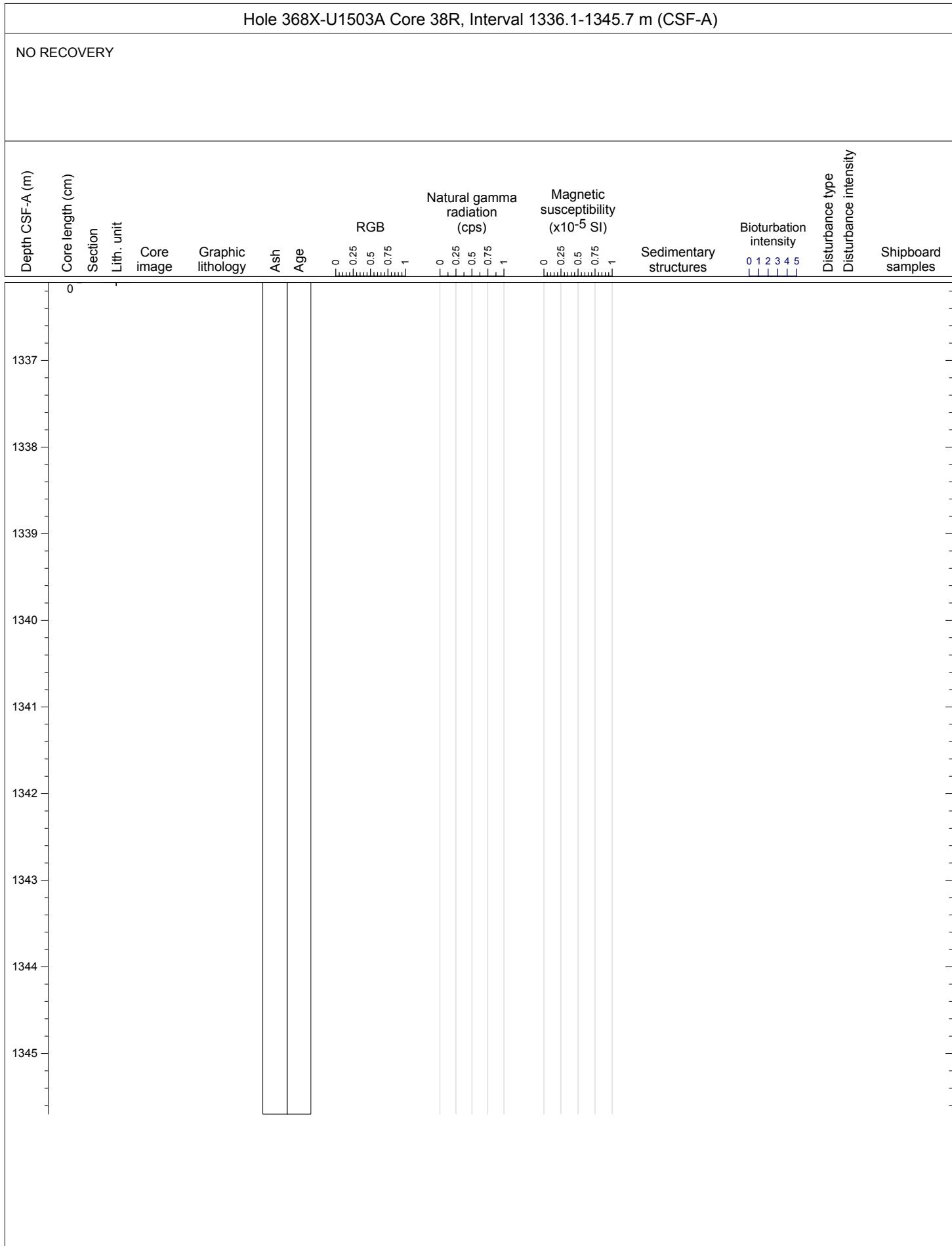


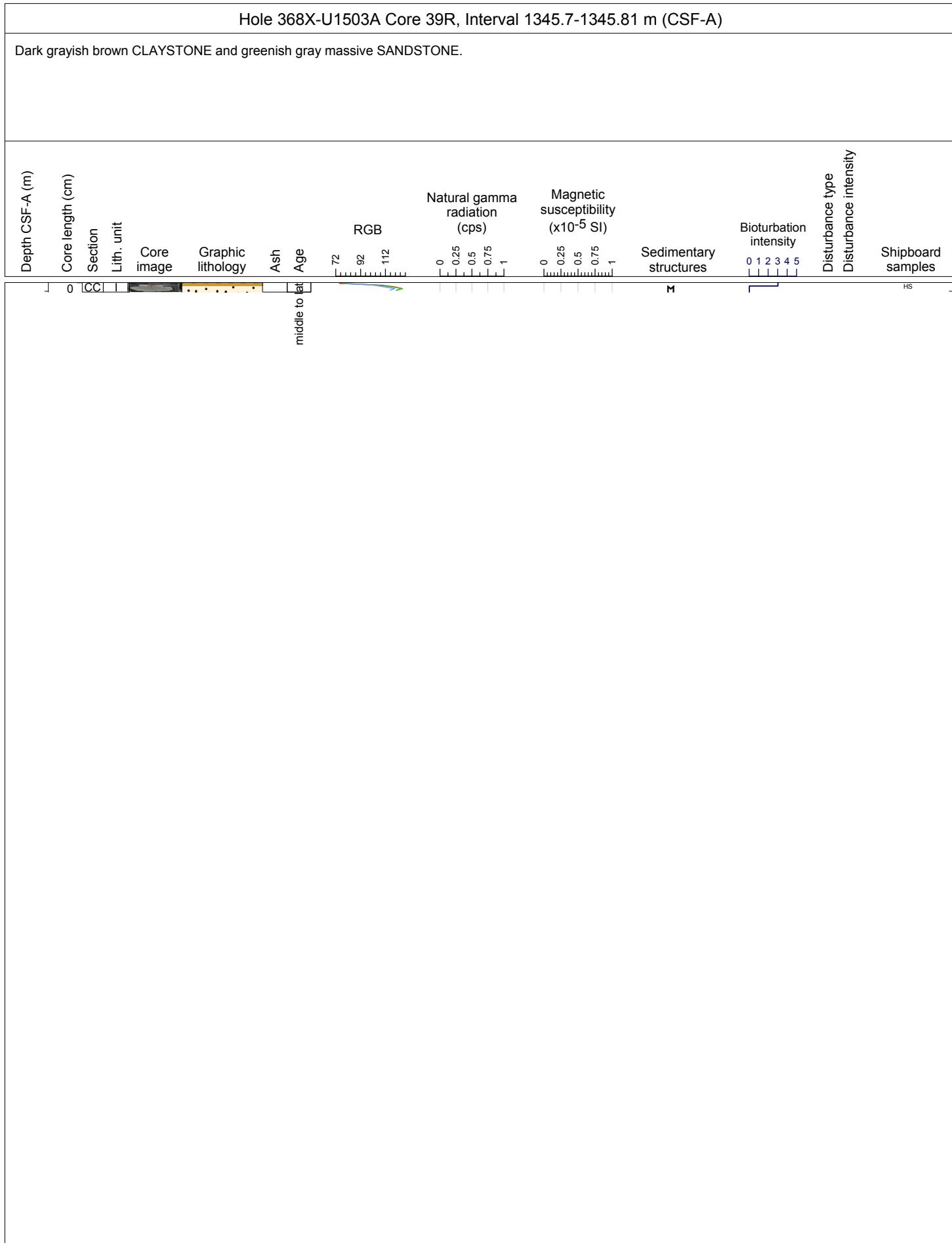
Hole 368X-U1503A Core 36R, Interval 1316.9-1317.23 m (CSF-A)

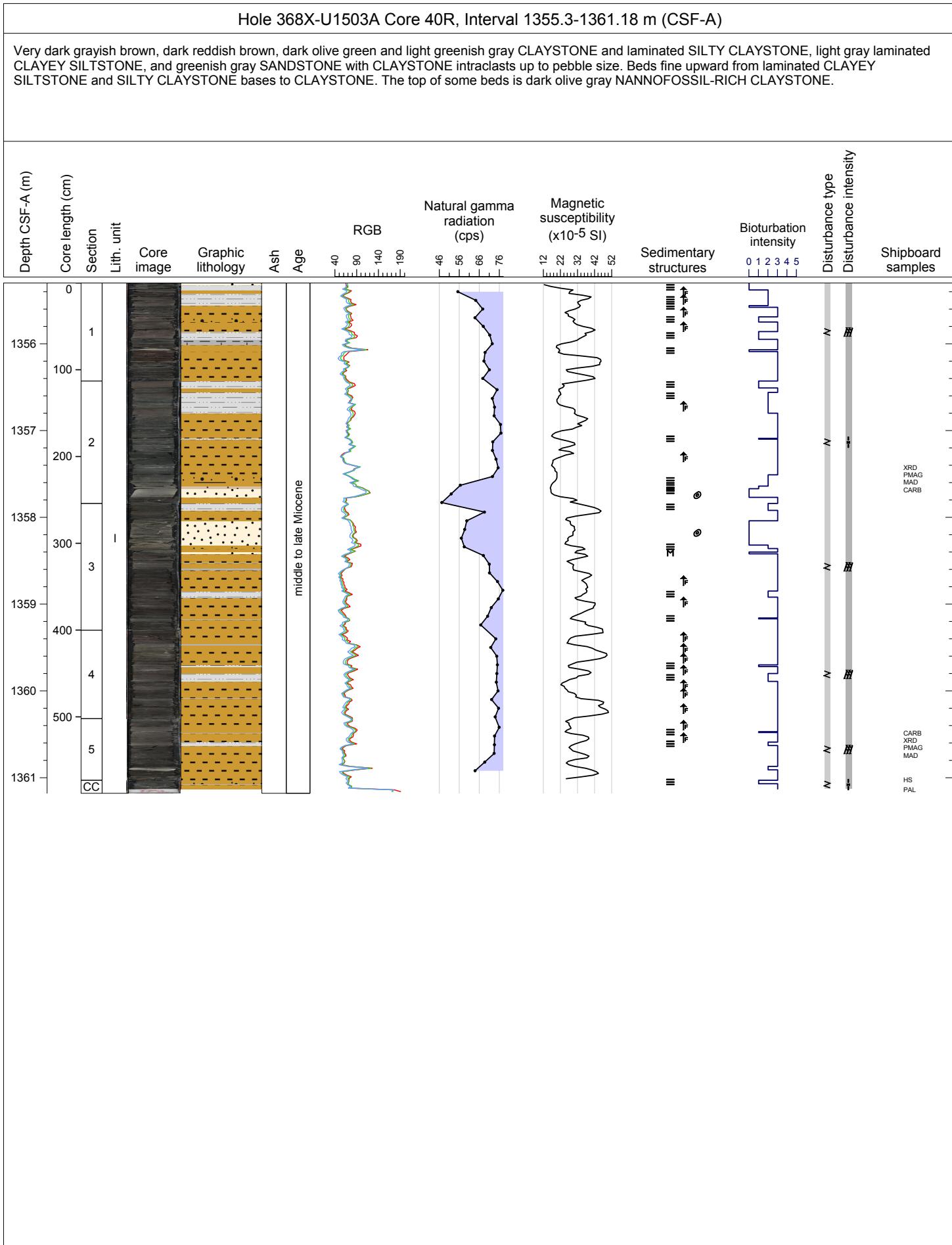
Dark grayish brown CLAYSTONE, gray laminated CLAYEY SILTSTONE and greenish gray SANDSTONE. Beds fine upward from laminated CLAYEY SILTSTONE bases to CLAYSTONE.

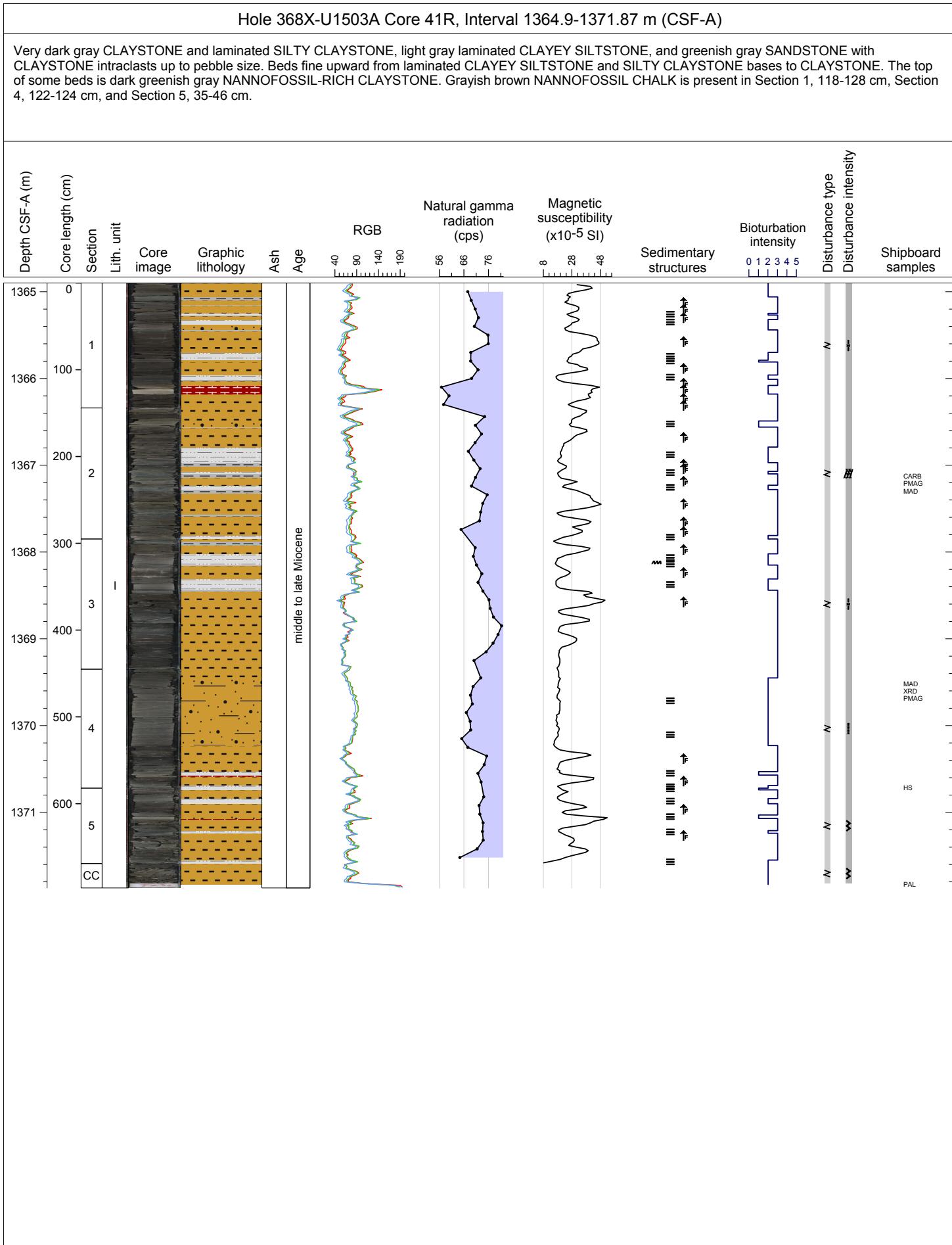






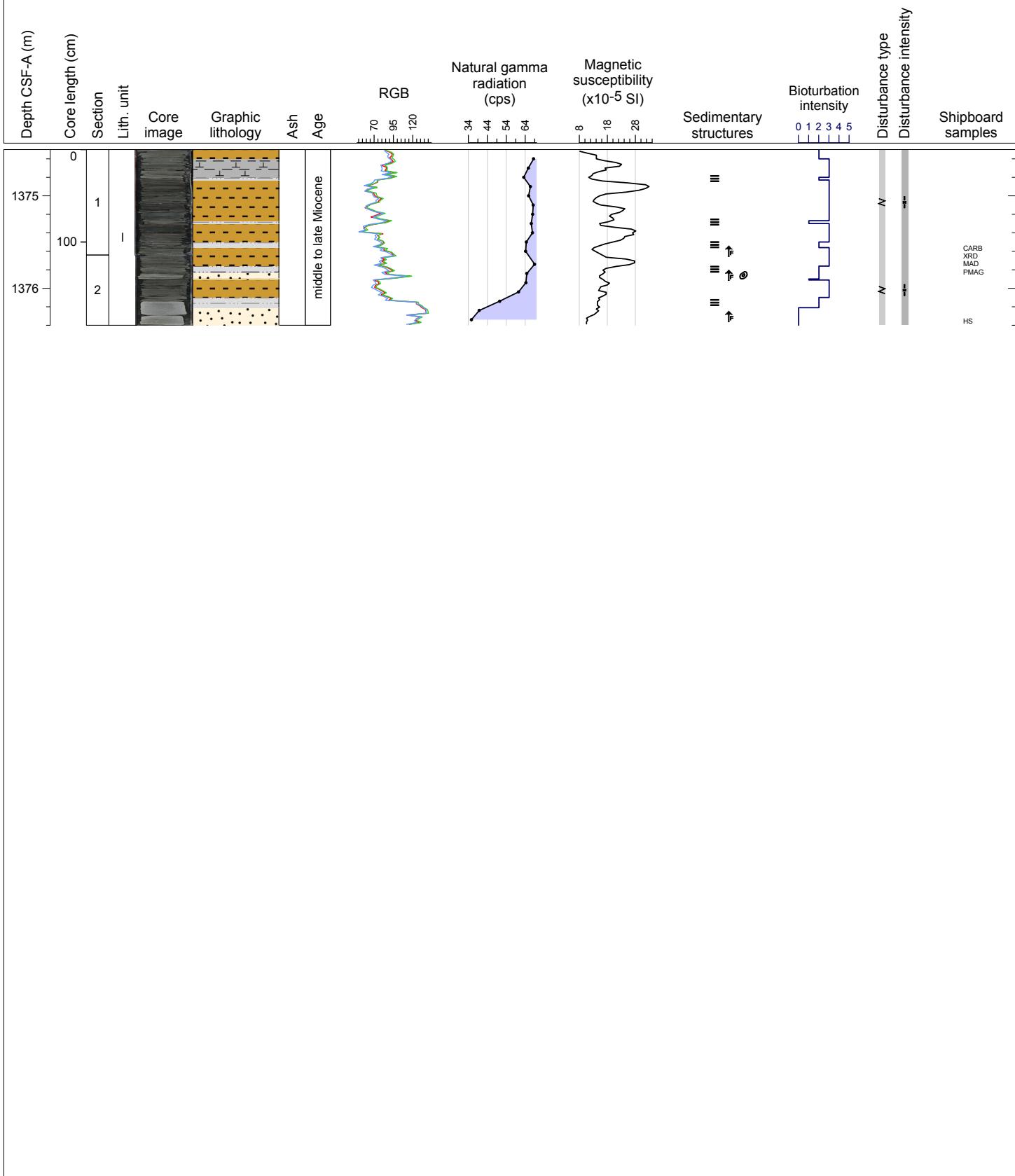


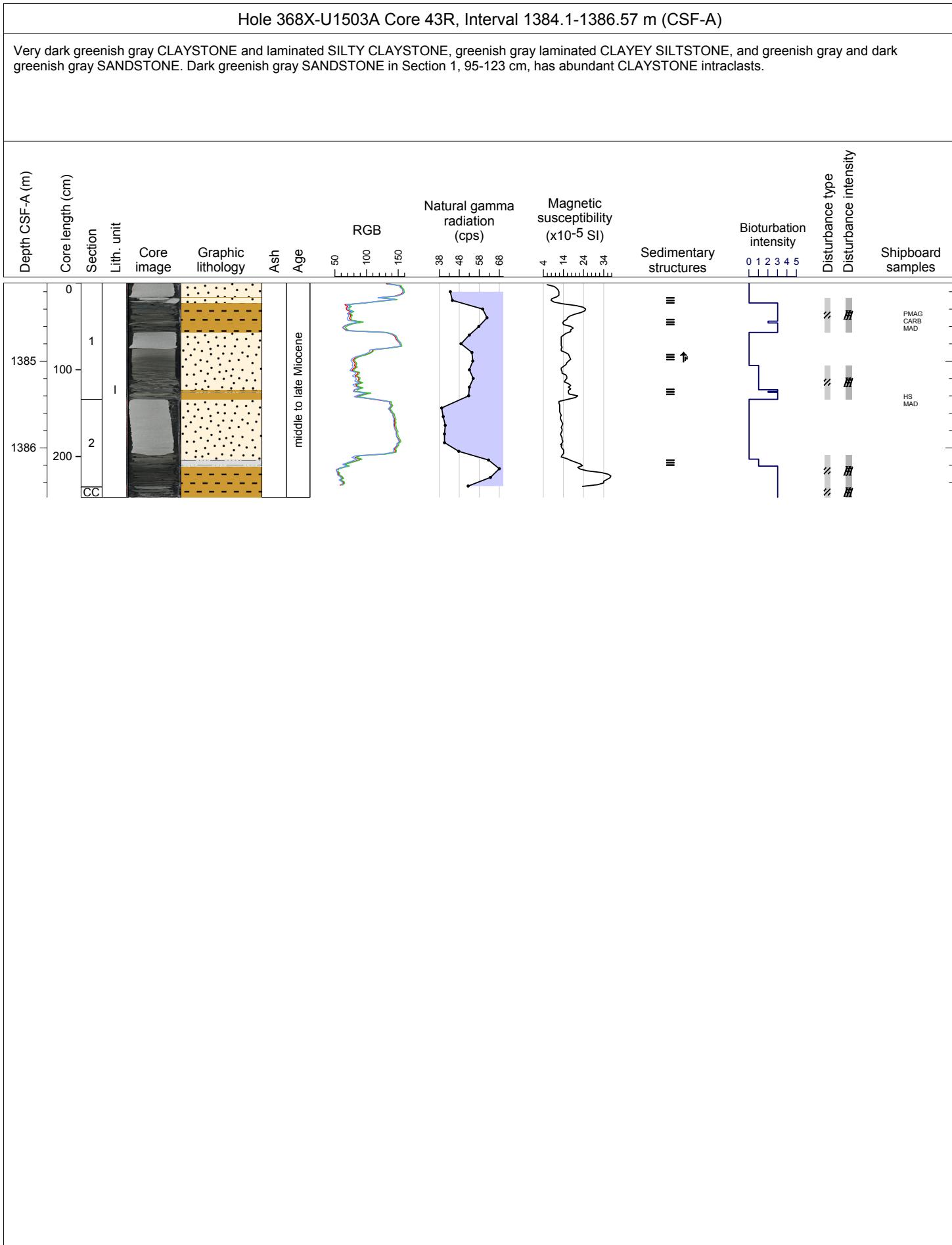


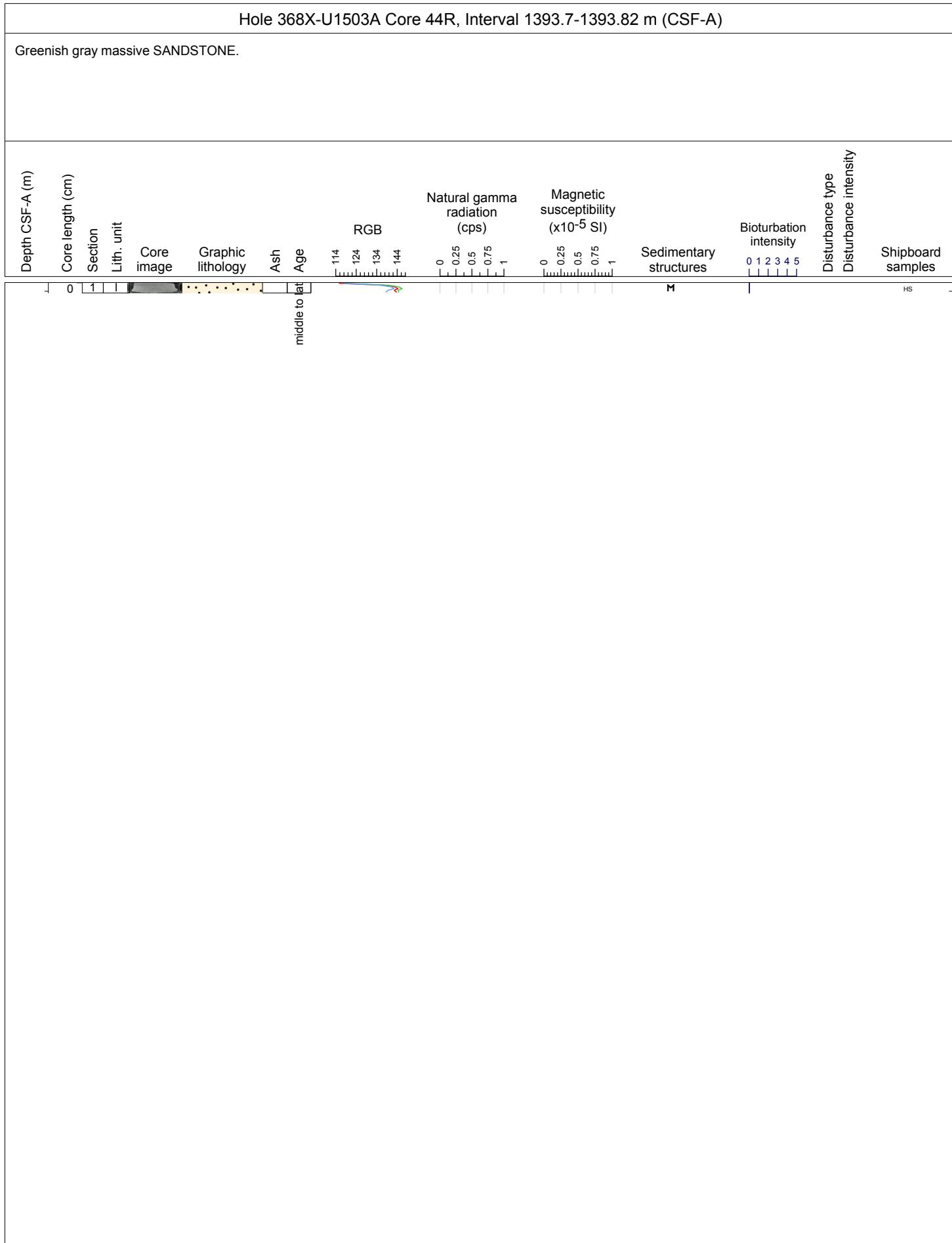


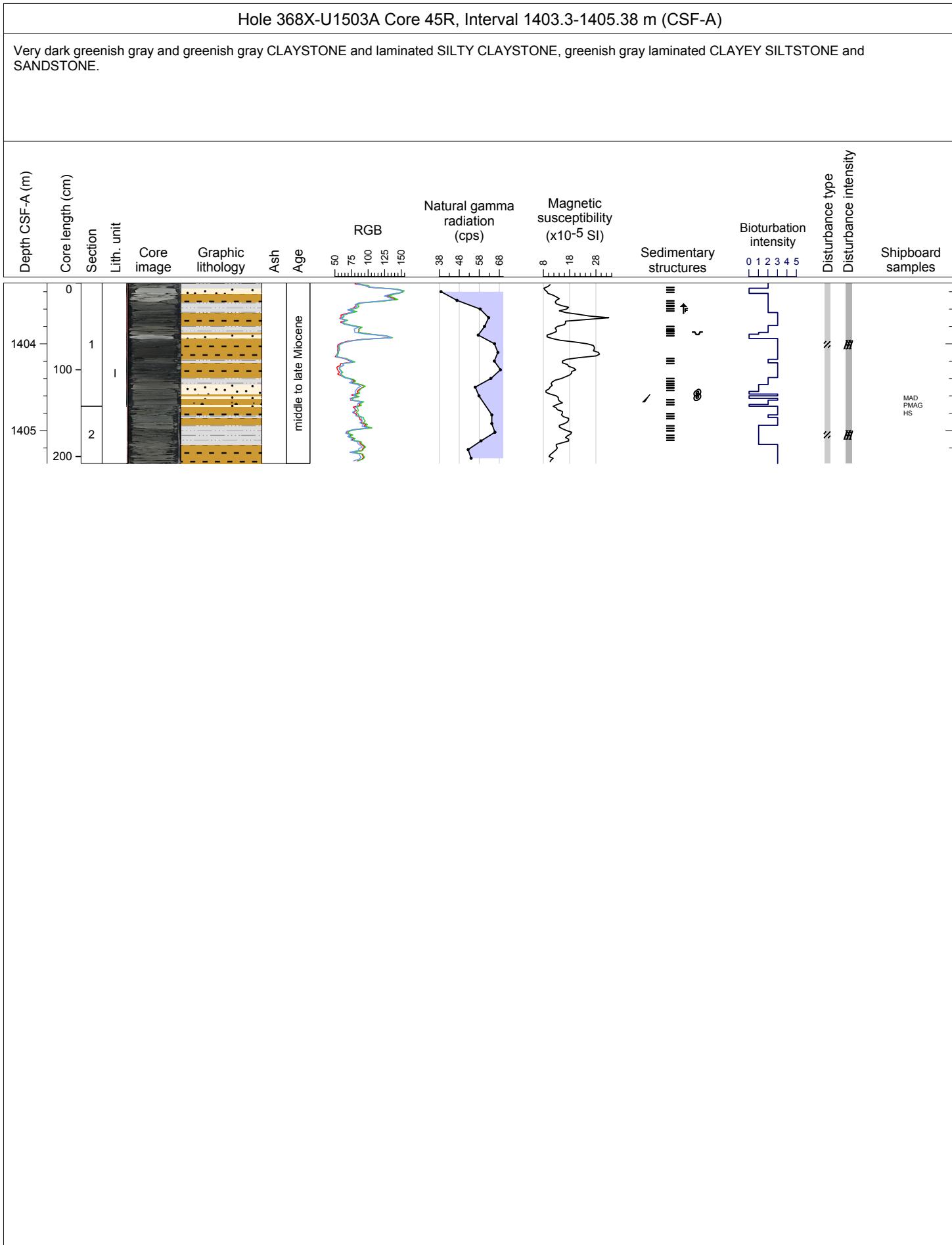
Hole 368X-U1503A Core 42R, Interval 1374.5-1376.4 m (CSF-A)

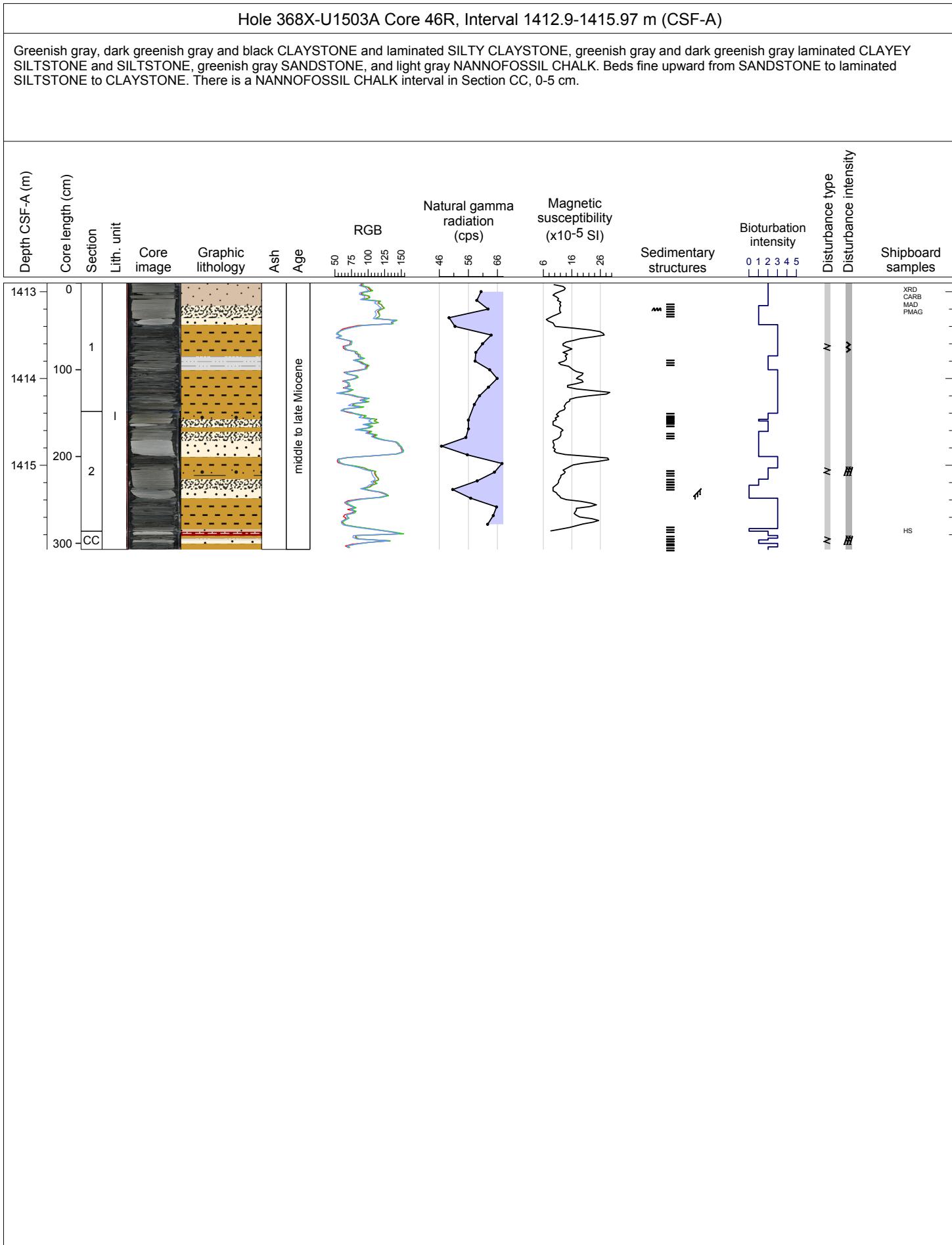
Very dark greenish gray CLAYSTONE and laminated SILTY CLAYSTONE, light gray laminated CLAYEY SILTSTONE, and greenish gray SANDSTONE with CLAYSTONE intraclasts up to pebble size. Beds fine upward from laminated CLAYEY SILTSTONE and SILTY CLAYSTONE bases to CLAYSTONE. There is a dark greenish gray NANNOFOSSIL-RICH CLAYSTONE in Section 1.





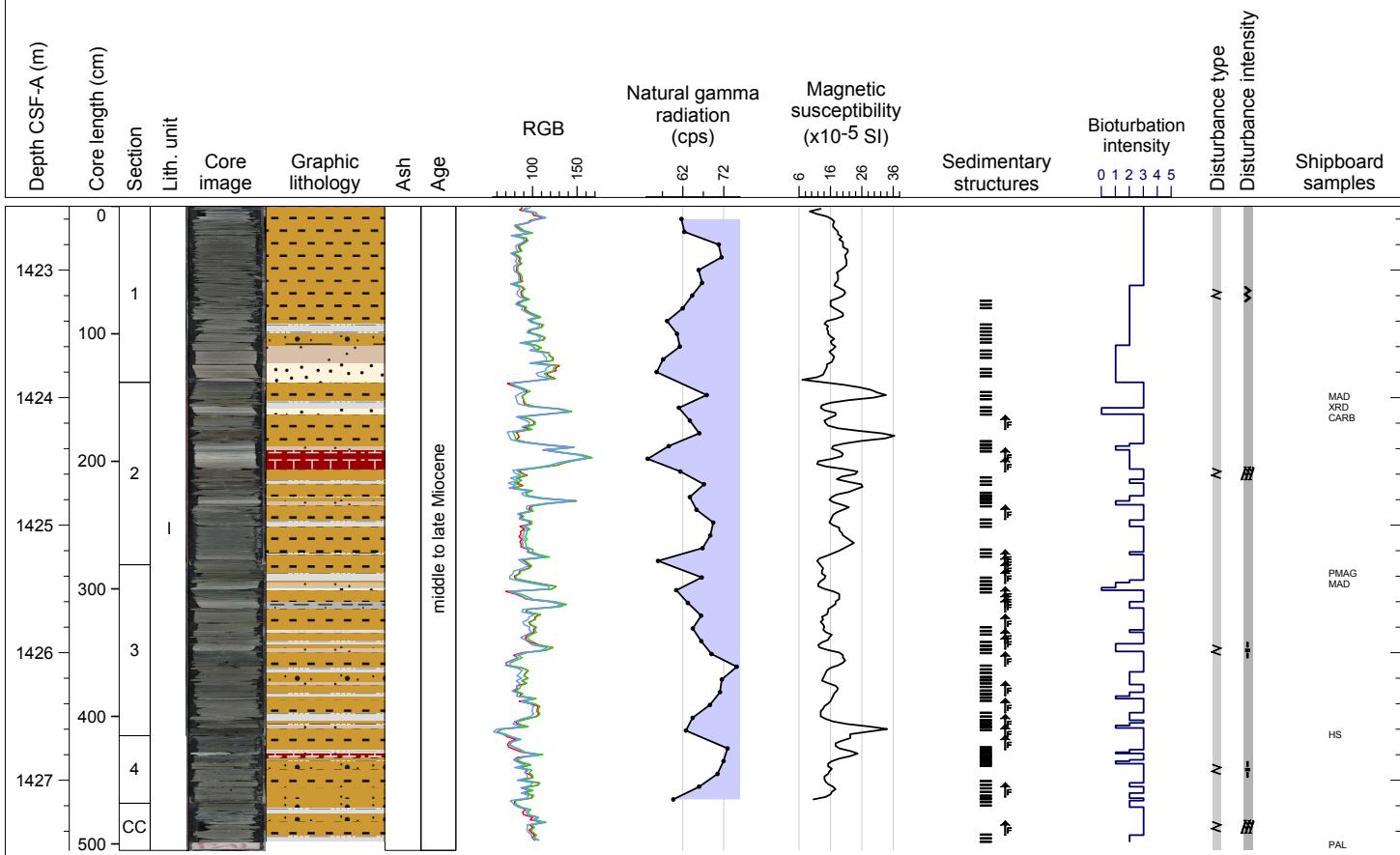


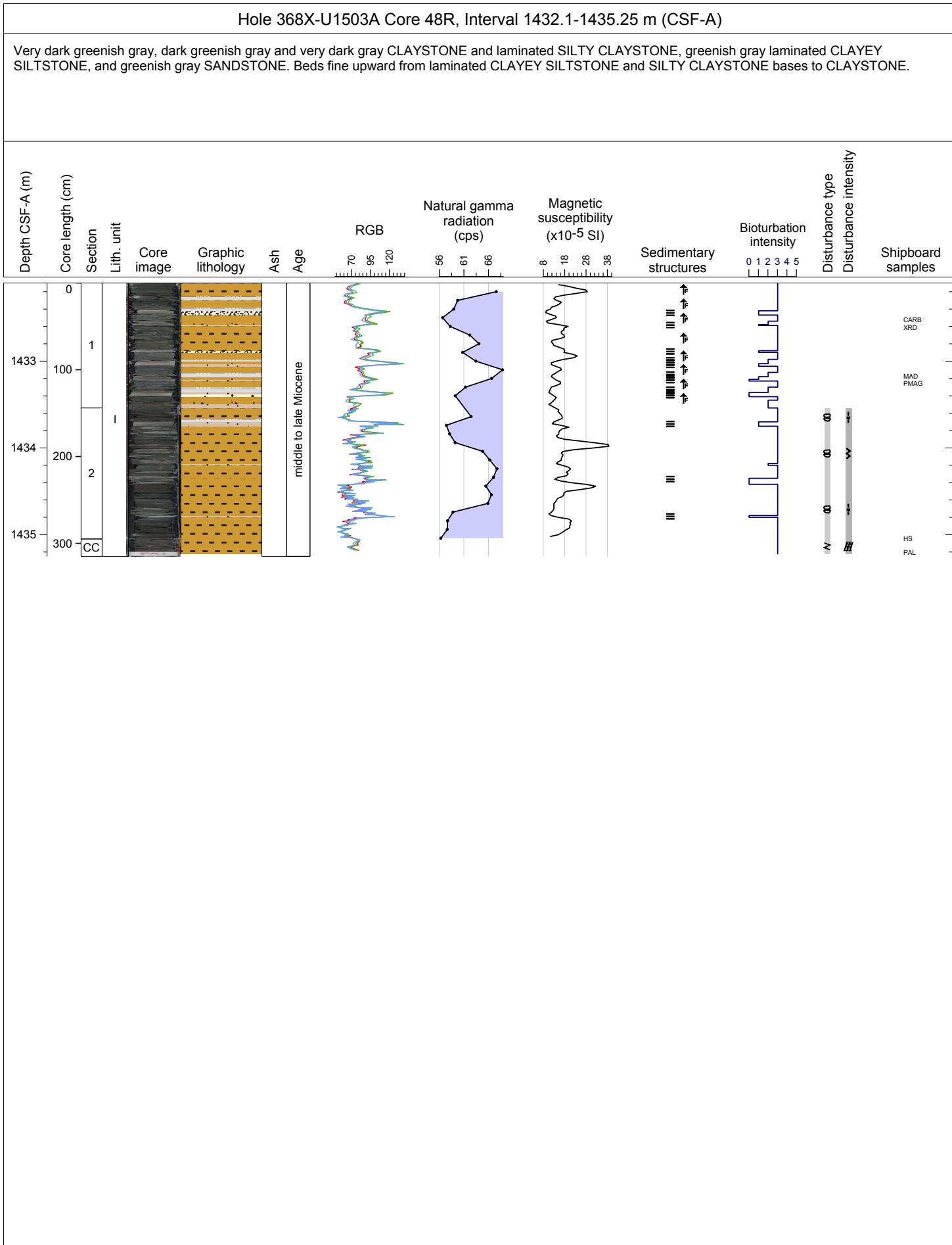




Hole 368X-U1503A Core 47R, Interval 1422.5-1427.55 m (CSF-A)

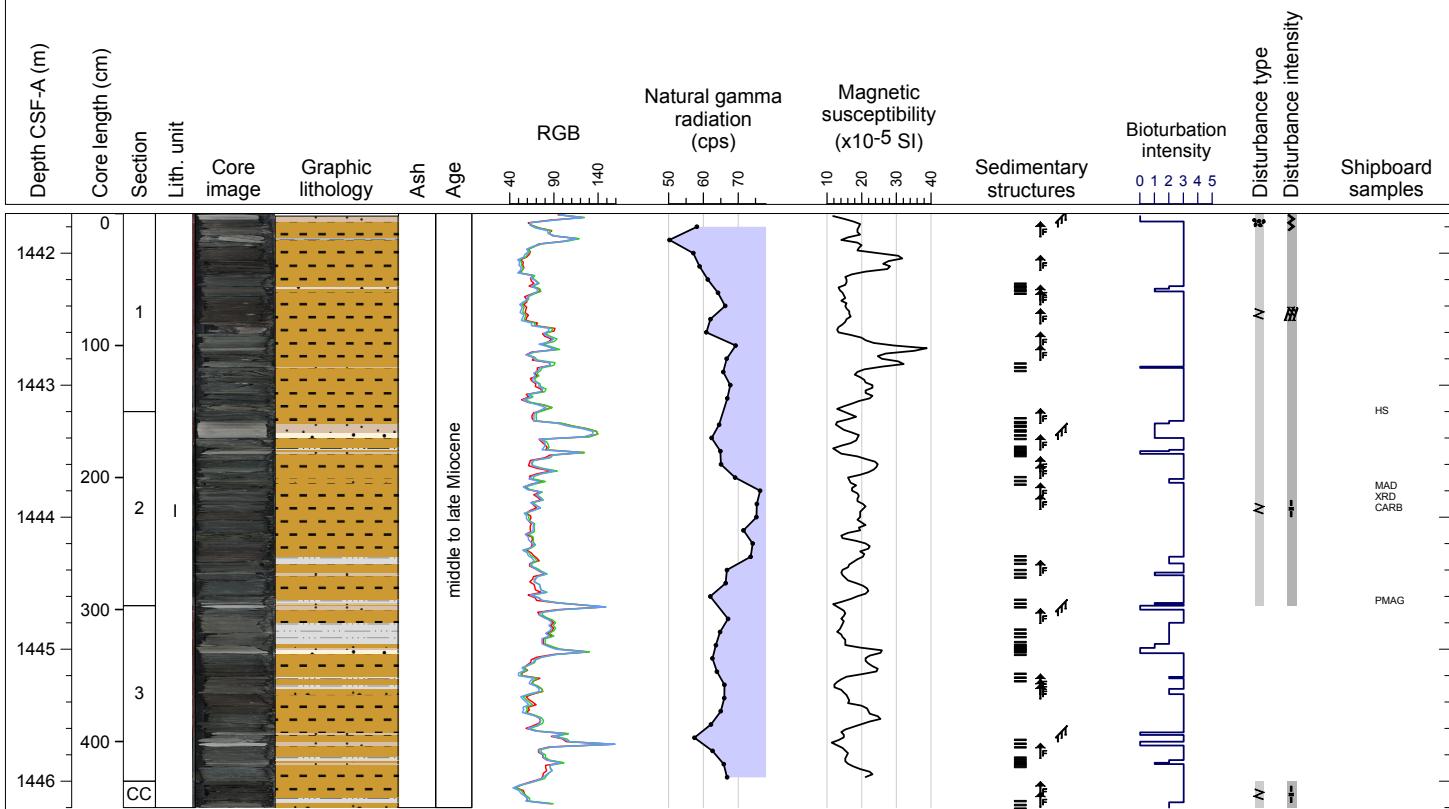
Very dark greenish gray and very dark grayish brown CLAYSTONE and laminated SILTY CLAYSTONE, light gray laminated CLAYEY SILTSTONE, and greenish gray SANDSTONE. Light greenish gray NANNOFOSSIL CHALK WITH CLAY in Section 2, 56-64 cm, Section 3, 29-34 cm and Section 4, 14-16 cm. Beds fine upward from laminated CLAYEY SILTSTONE and SILTY CLAYSTONE bases to CLAYSTONE. The top of some beds is dark olive gray NANNOFOSSIL-RICH CLAYSTONE.

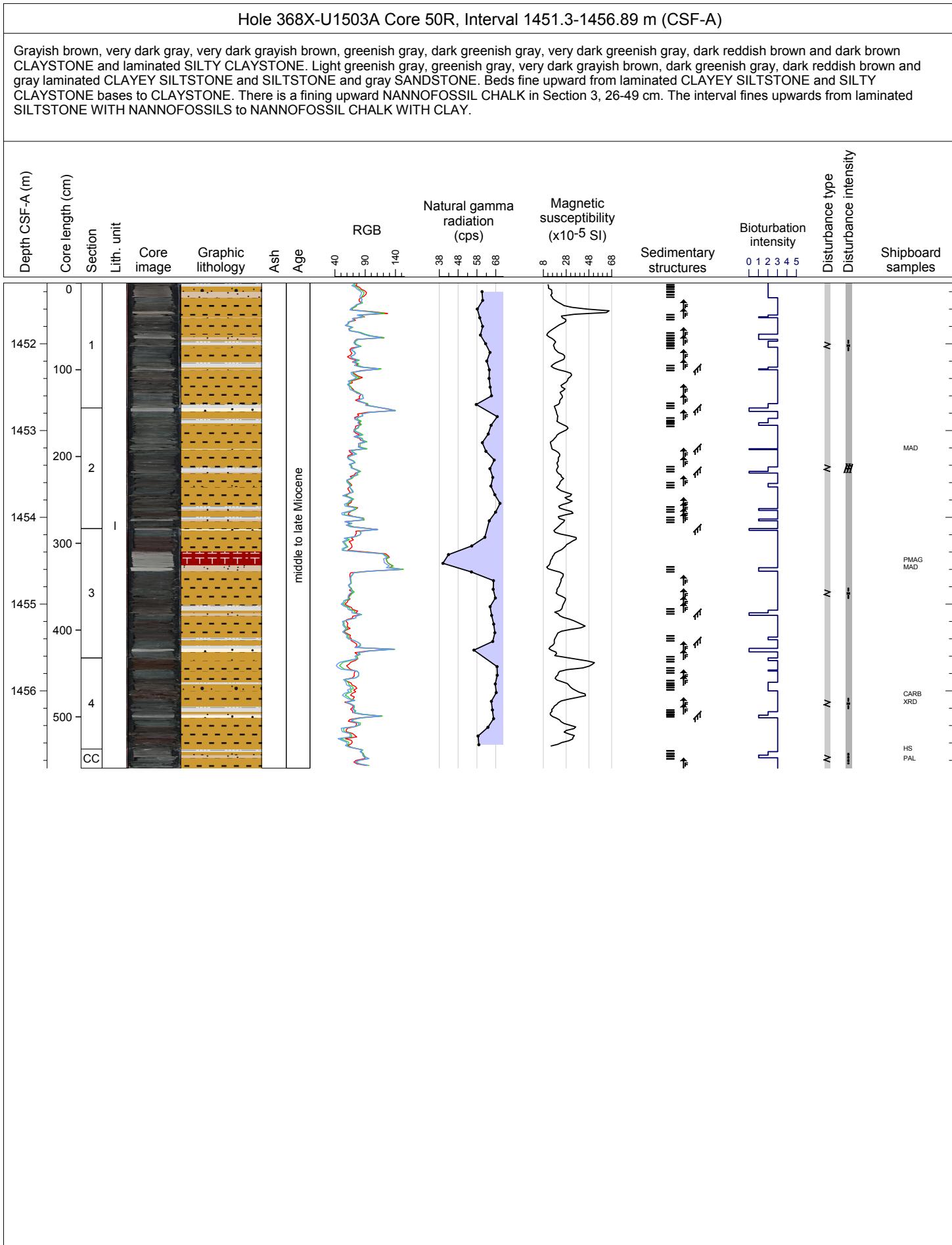




Hole 368X-U1503A Core 49R, Interval 1441.7-1446.2 m (CSF-A)

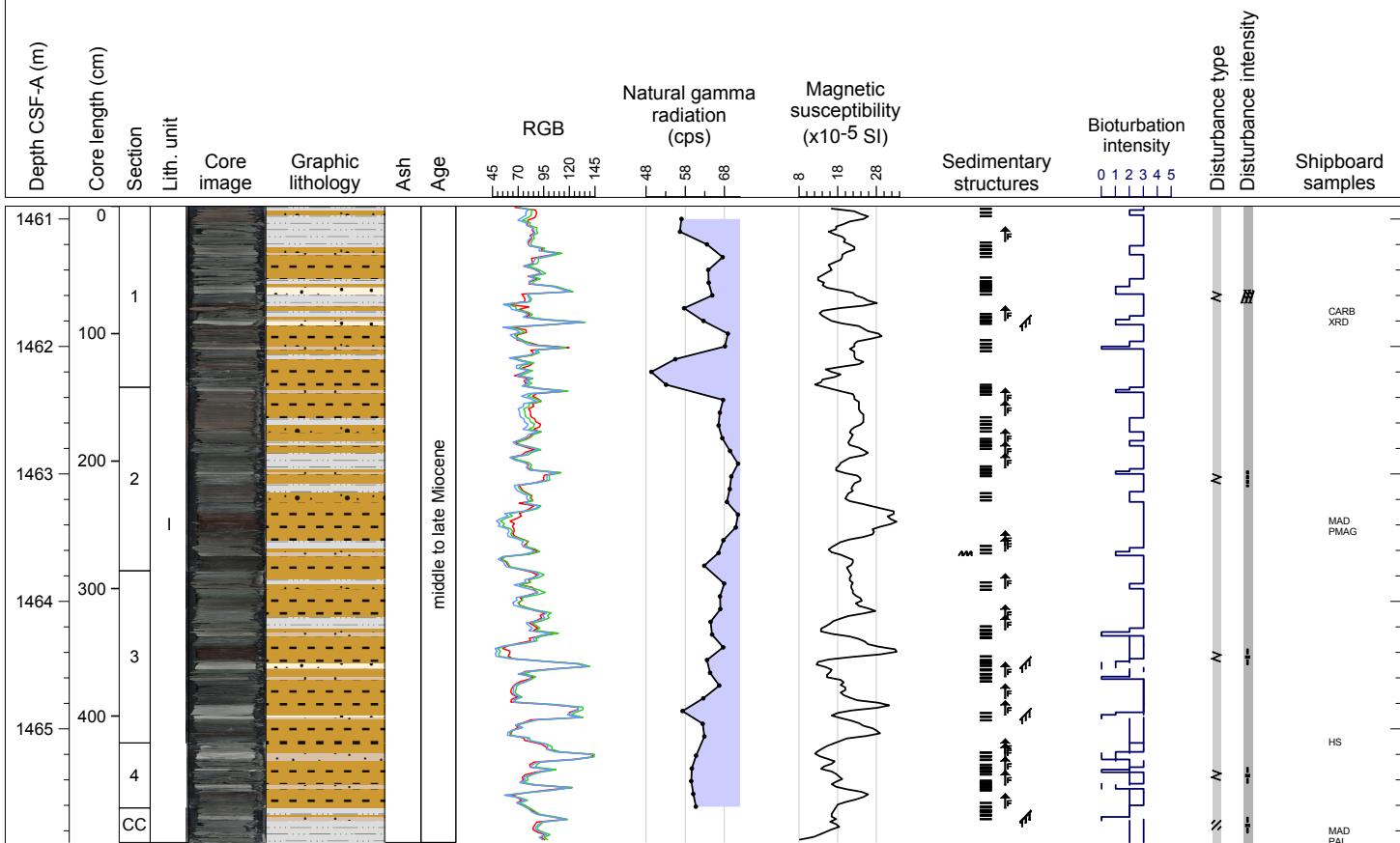
Very dark greenish gray, very dark grayish brown, very dark gray CLAYSTONE and laminated SILTY CLAYSTONE, greenish gray and dark greenish gray and very dark greenish gray laminated CLAYEY SILTSTONE and SILTSTONE, and greenish gray SANDSTONE. Beds fine upward from laminated CLAYEY SILTSTONE and SILTY CLAYSTONE bases to CLAYSTONE.

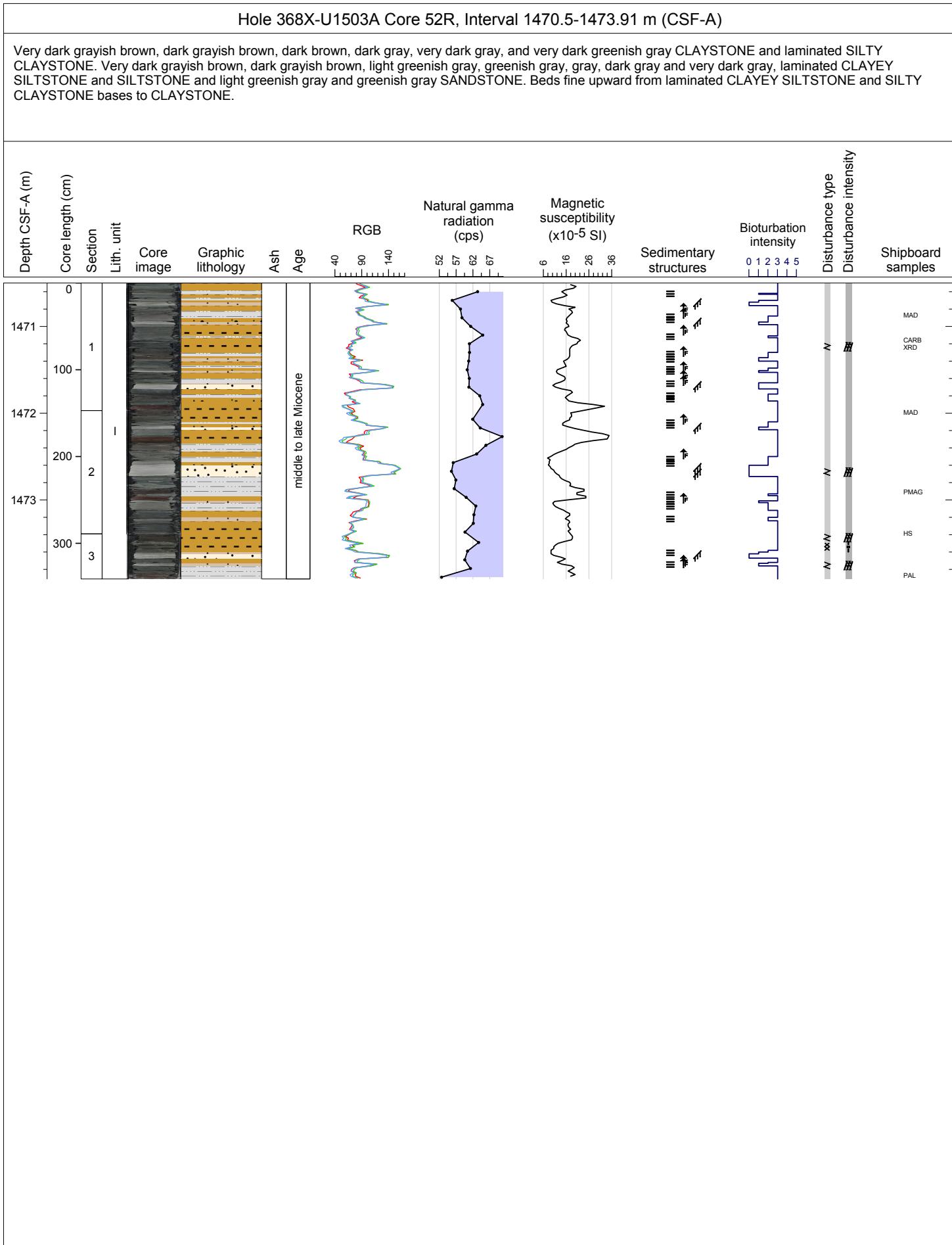




Hole 368X-U1503A Core 51R, Interval 1460.9-1465.89 m (CSF-A)

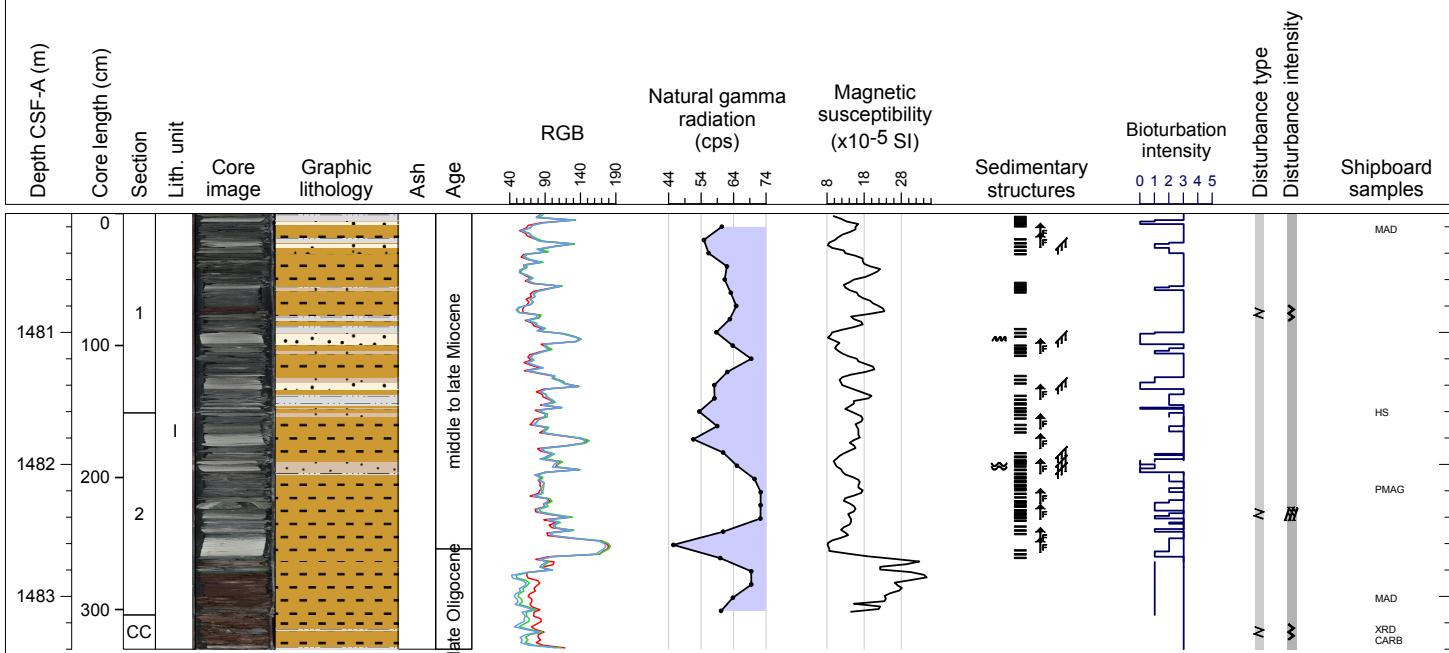
Dark brown, very dark brown, greenish gray, dark greenish gray, very dark greenish gray, dark gray, very dark gray, greenish black CLAYSTONE and laminated SILTY CLAYSTONE. Light gray, gray, dark gray, very dark gray, greenish gray and dark greenish gray laminated CLAYEY SILTSTONE and SILTSTONE and greenish gray and light gray SANDSTONE. Beds fine upward from laminated CLAYEY SILTSTONE and SILTY CLAYSTONE base to CLAYSTONE. There is a bed that fines upward from cross-laminated SILTSTONE to NANNOFOSSIL CHALK to NANNOFOSSIL CHALK WITH CLAY in Section 3, 104-115 cm.

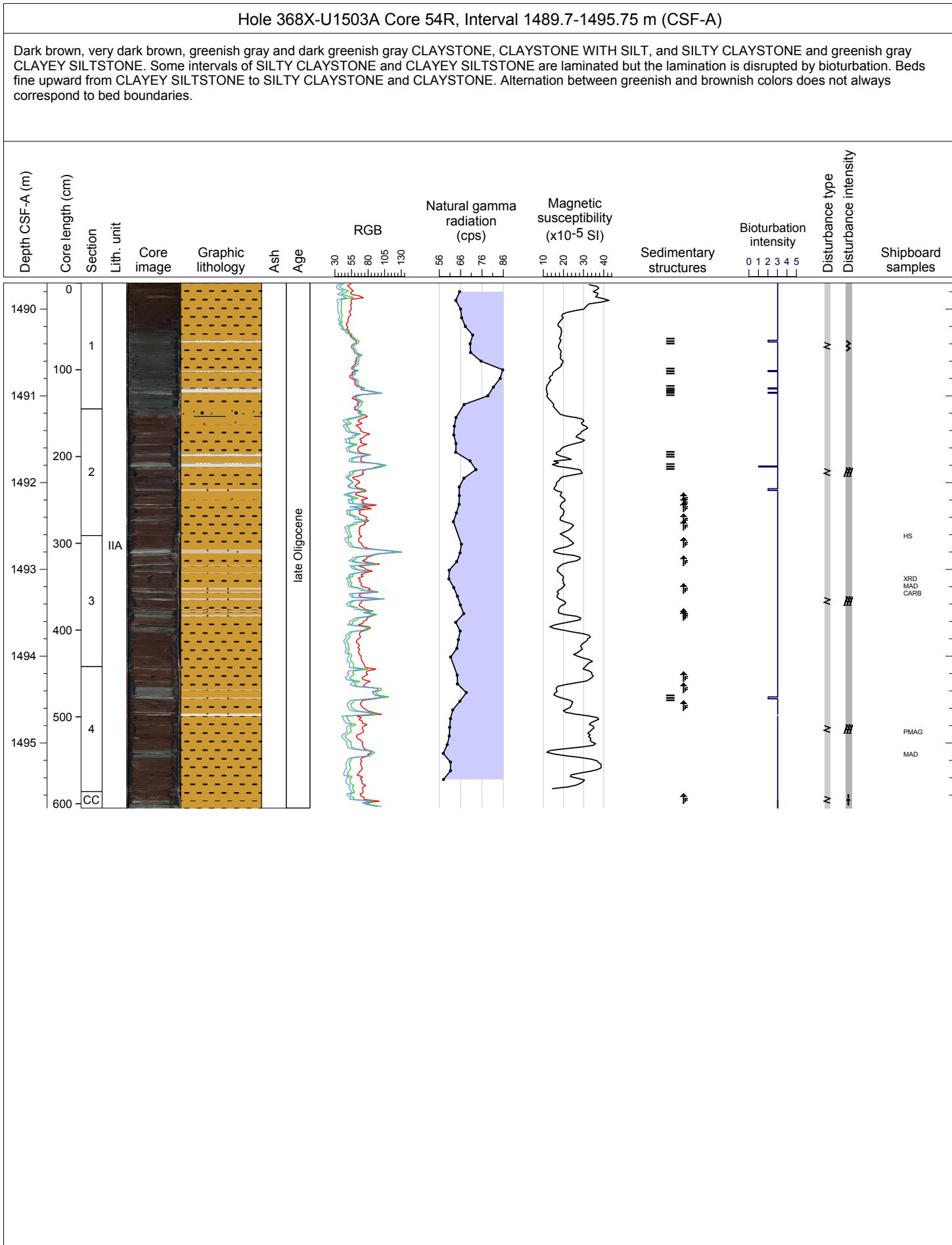


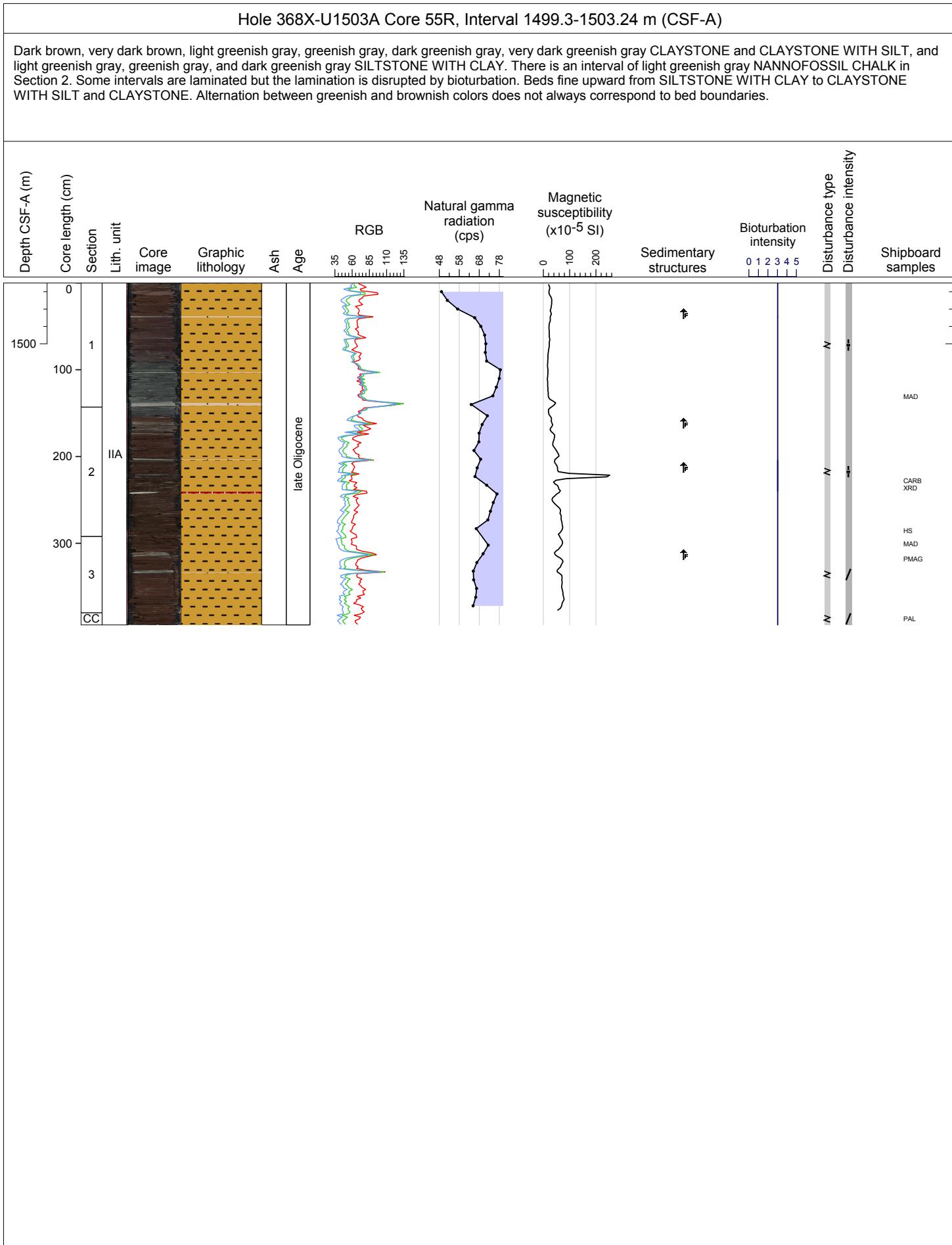


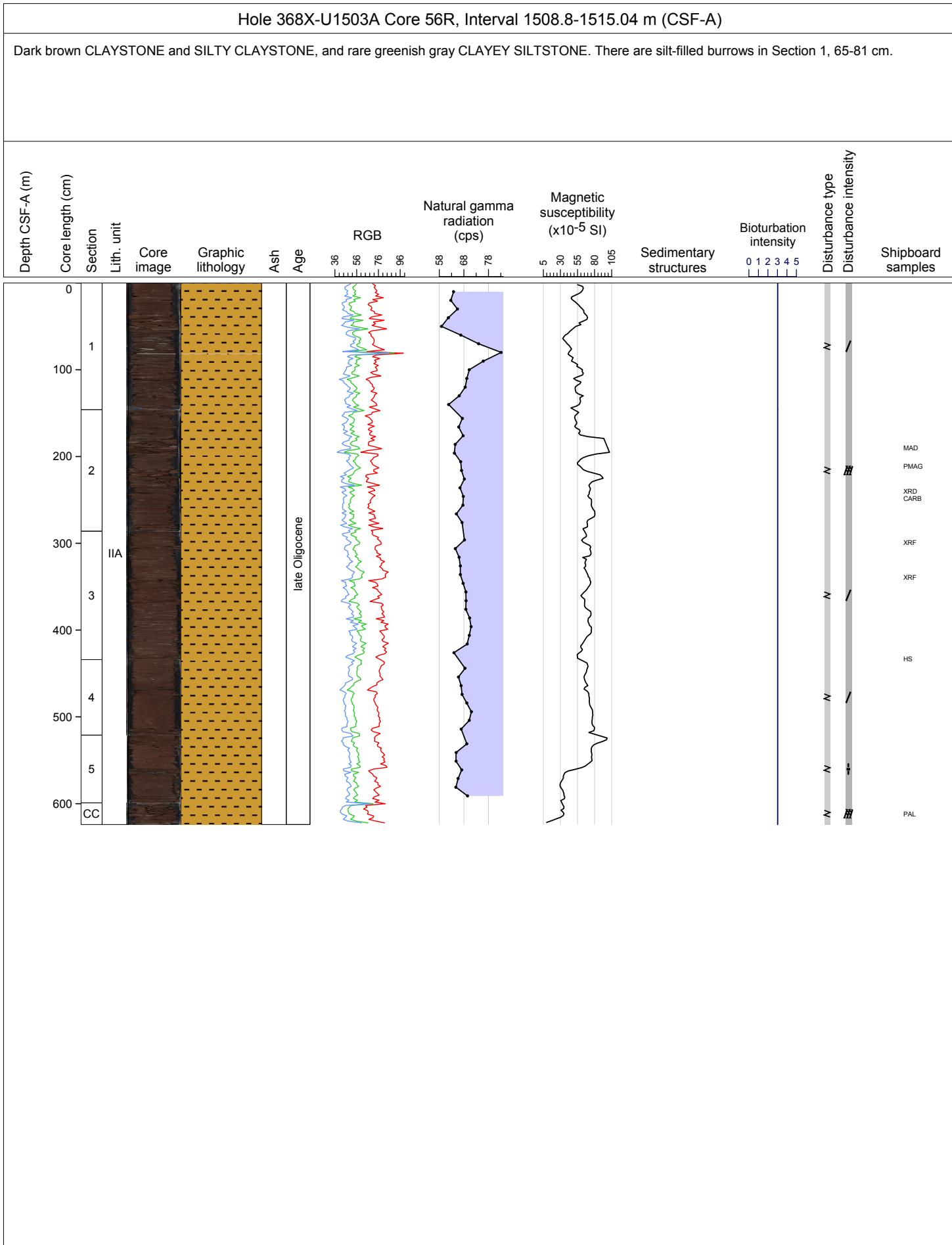
Hole 368X-U1503A Core 53R, Interval 1480.1-1483.4 m (CSF-A)

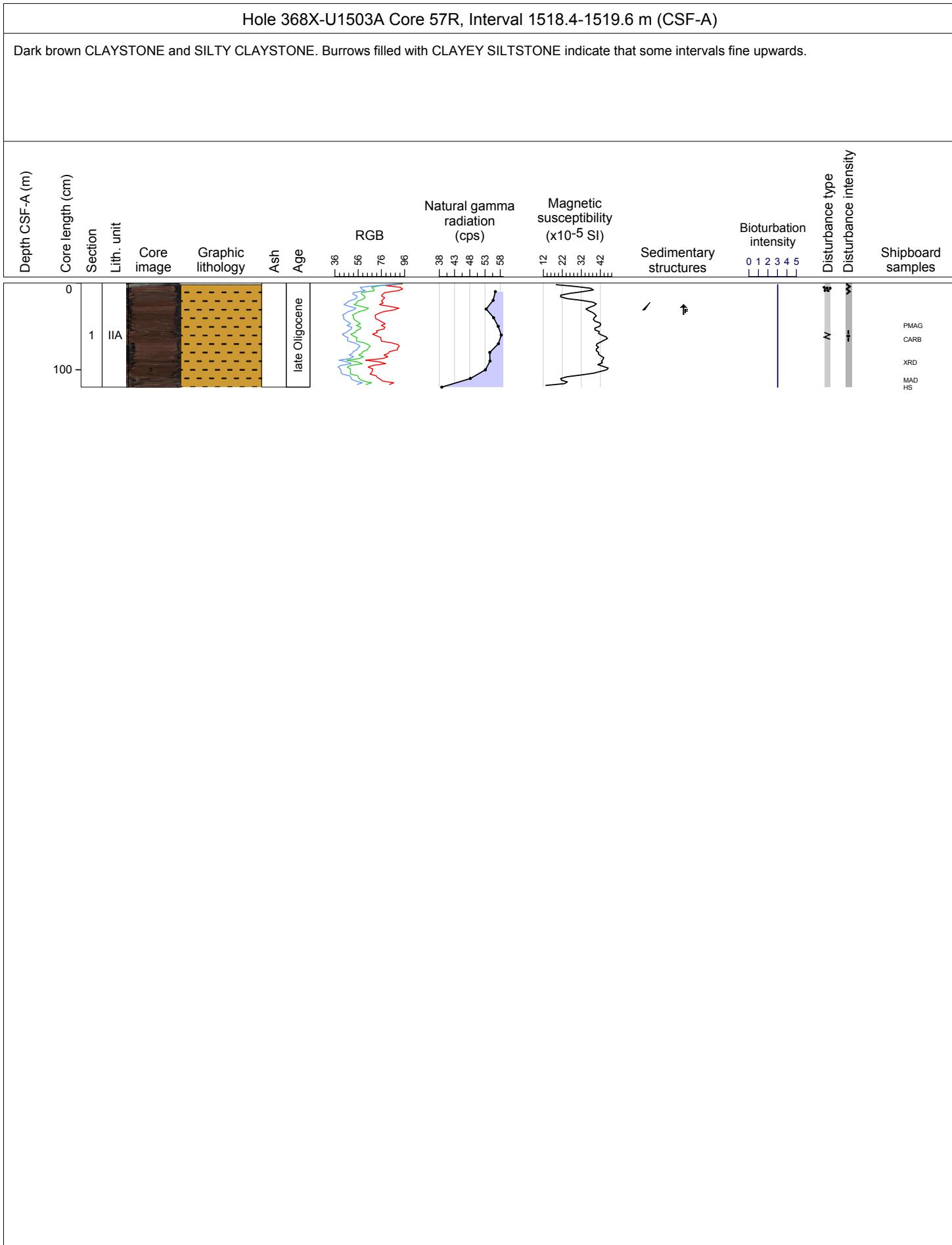
Very dark grayish brown, dark grayish brown, dark brown, dark gray, very dark gray, and very dark greenish gray CLAYSTONE and laminated SILTY CLAYSTONE. Very dark grayish brown, dark grayish brown, light greenish gray, greenish gray, gray, dark gray and very dark gray, laminated CLAYEY SILTSTONE and SILTSTONE and light greenish gray and greenish gray SANDSTONE. Beds fine upward from laminated CLAYEY SILTSTONE and SILTY CLAYSTONE bases to CLAYSTONE. There are two intervals of fining upward CLAYSTONE WITH NANNOFOSSILS in Section 2, 17-26 cm and 95-109 cm.

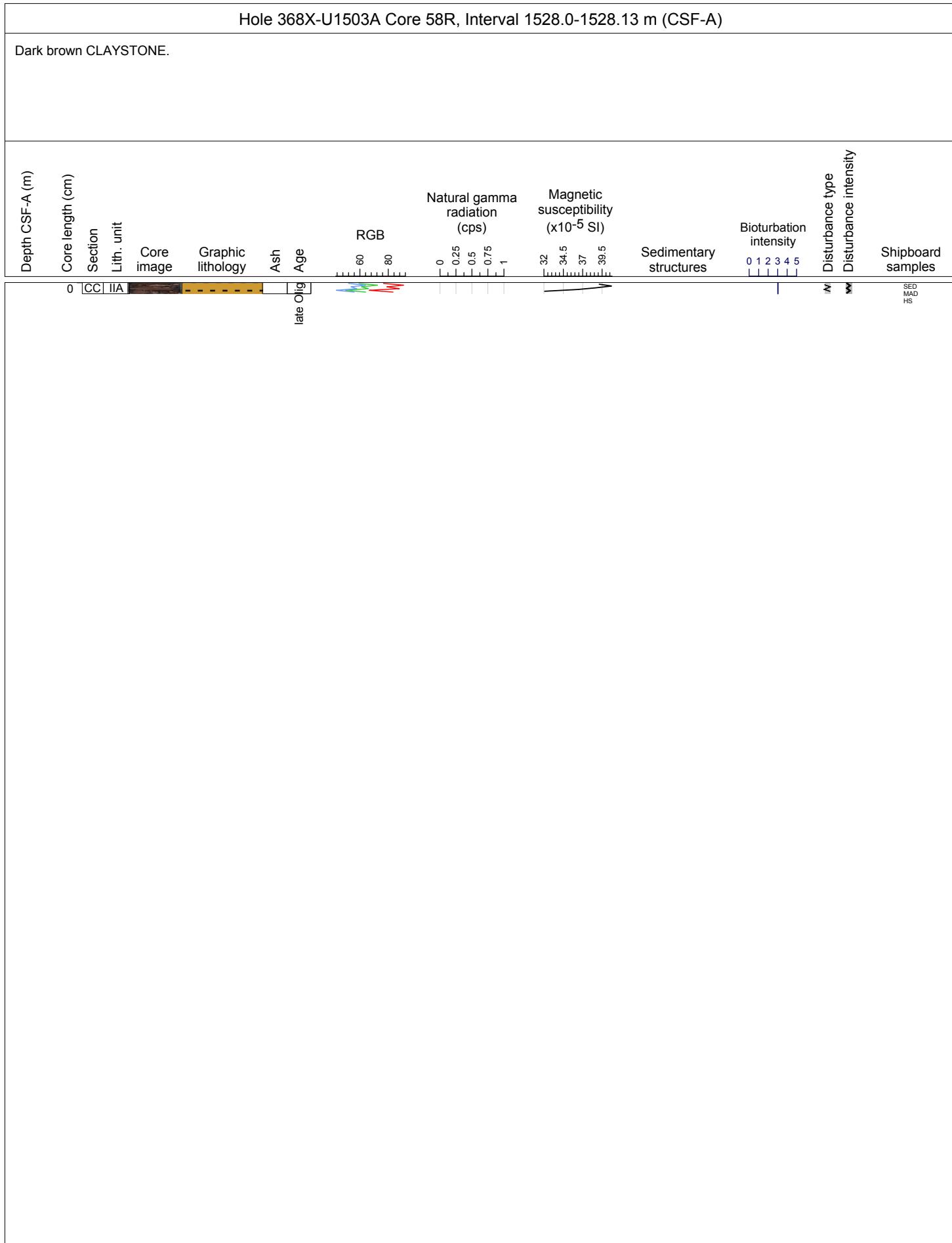


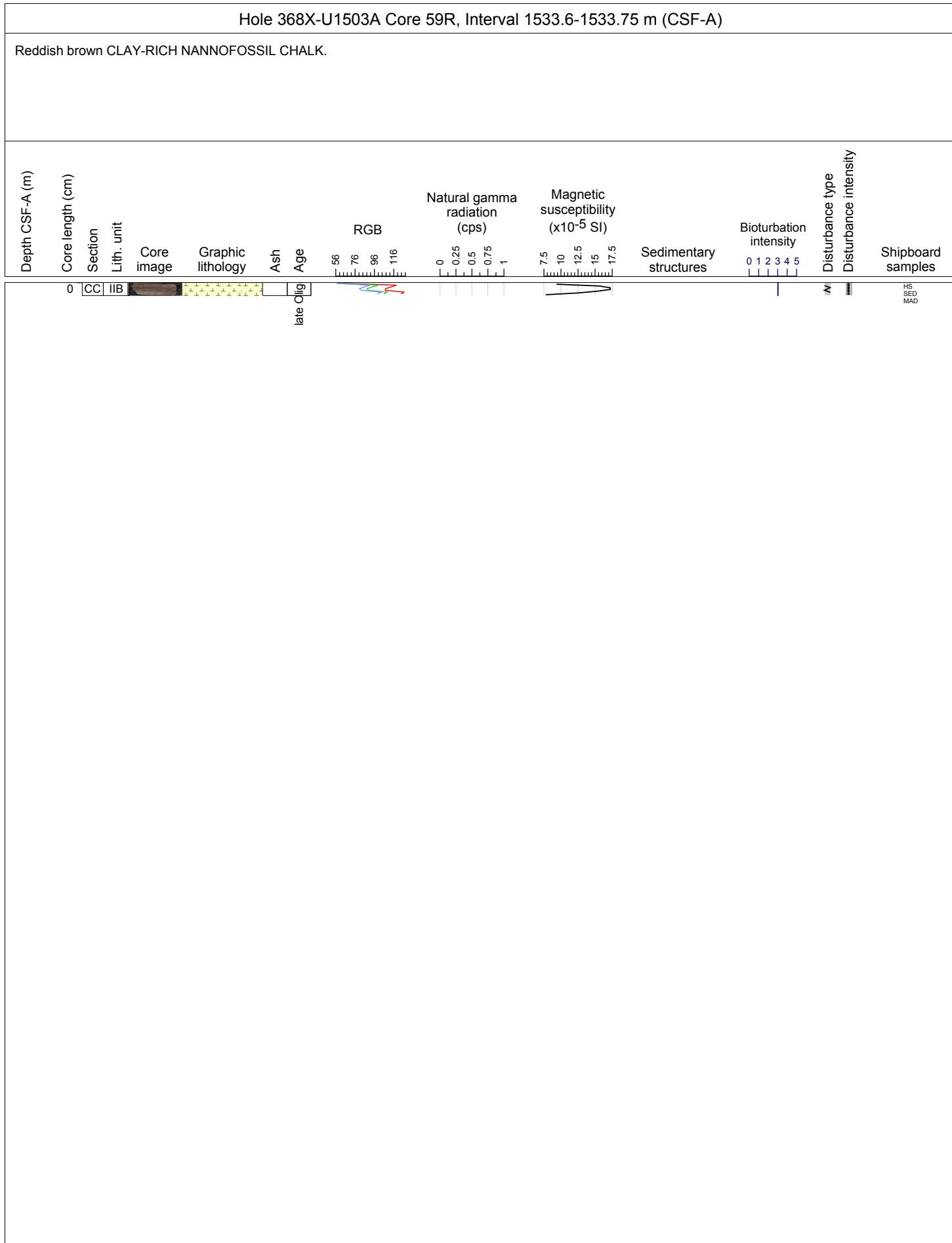


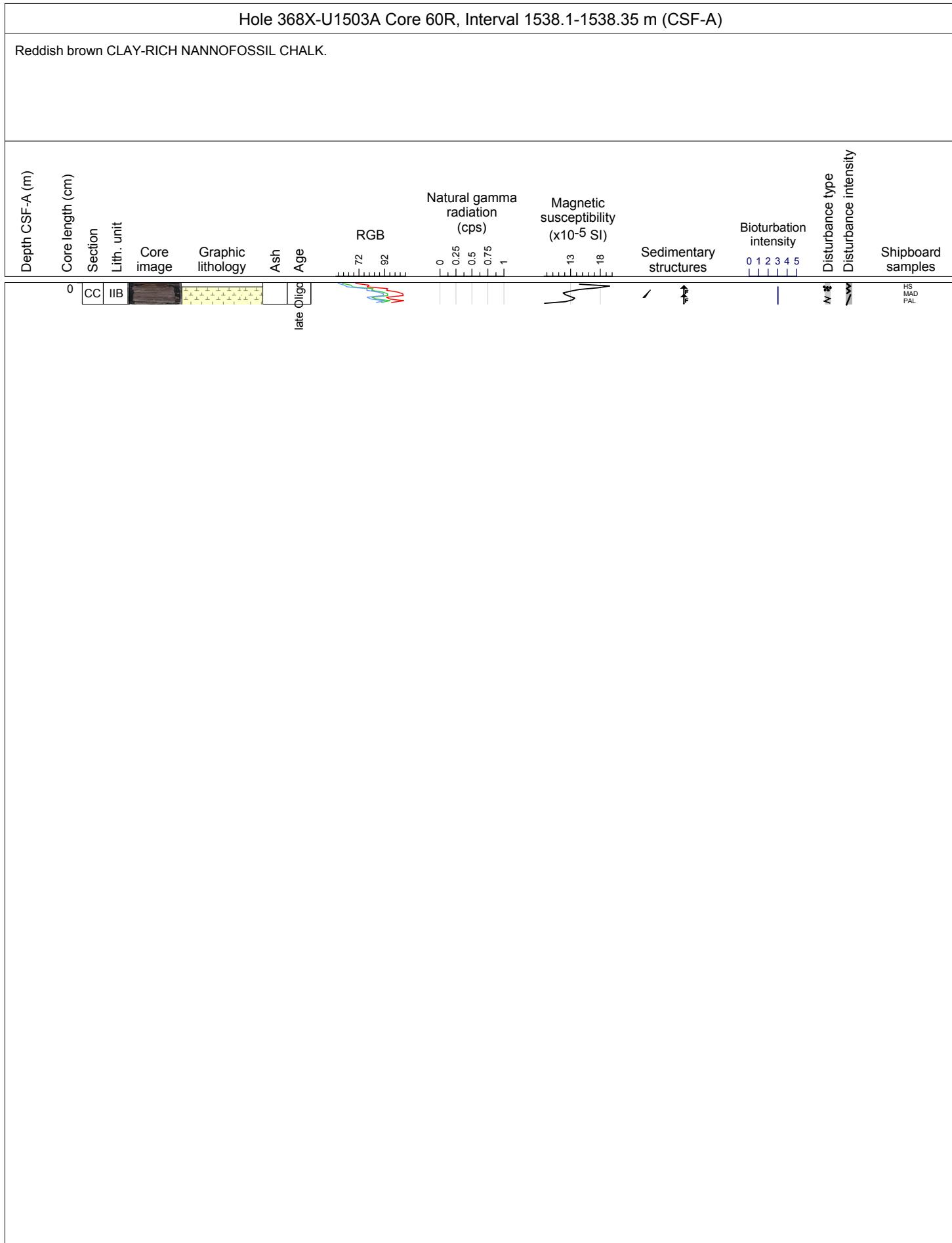


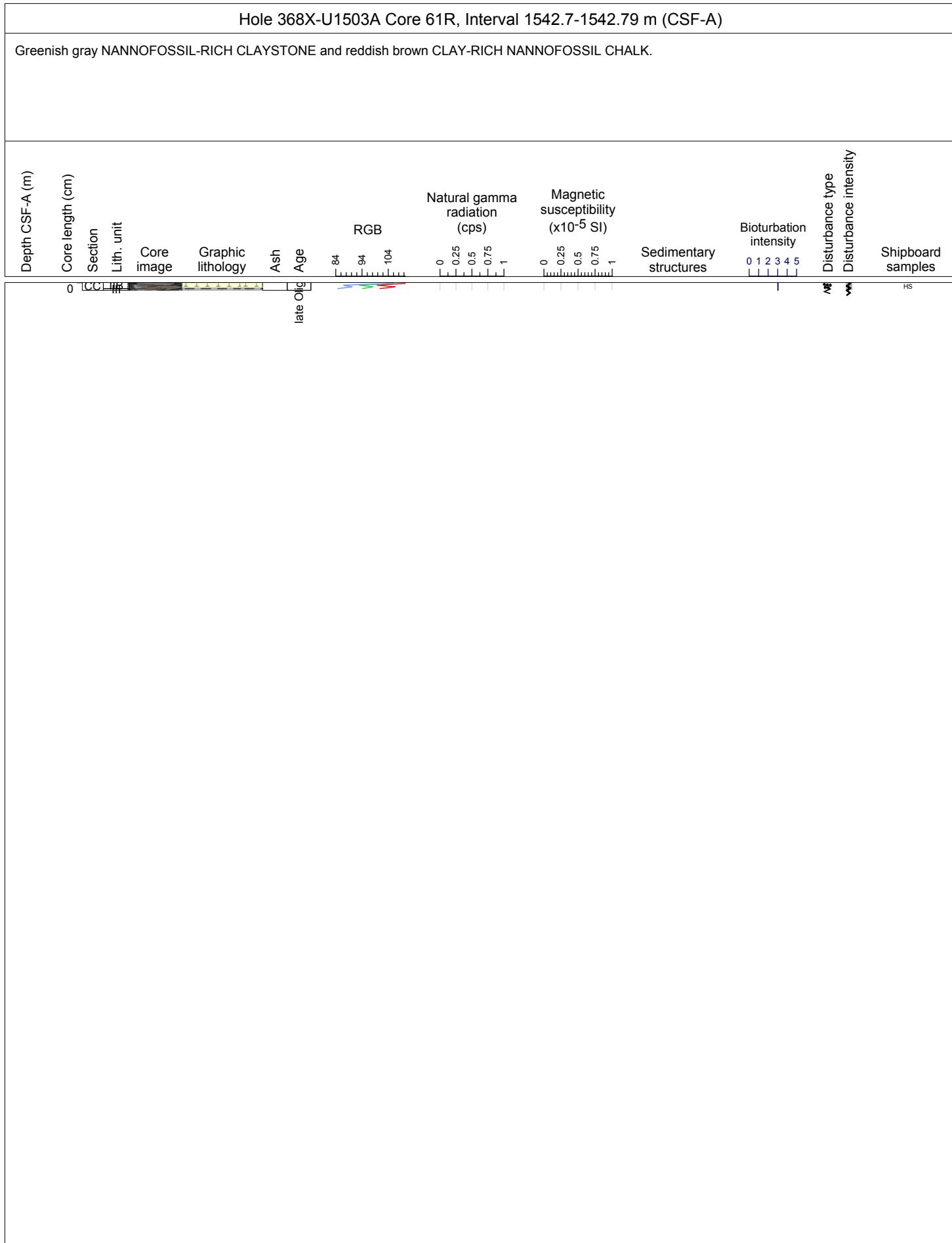


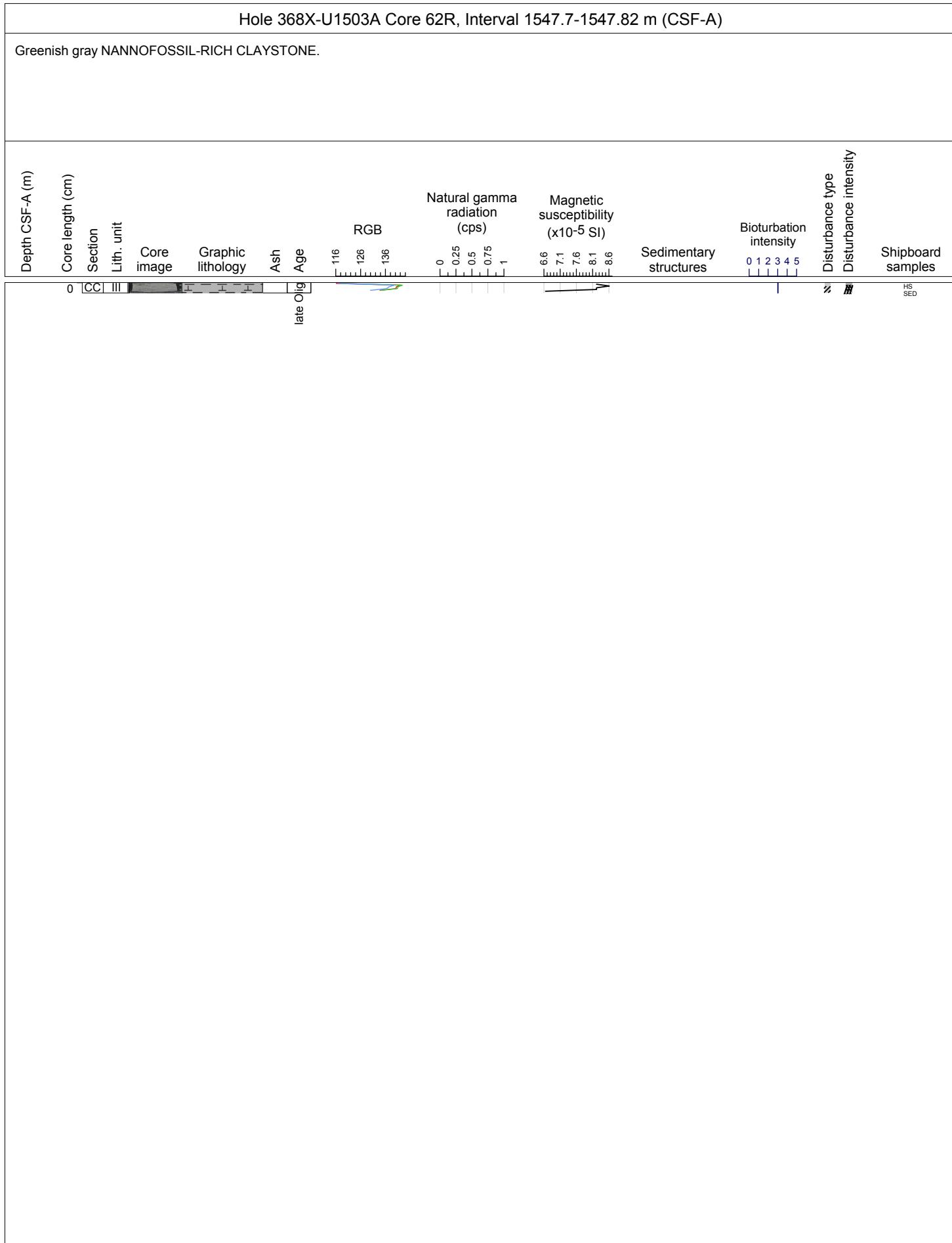


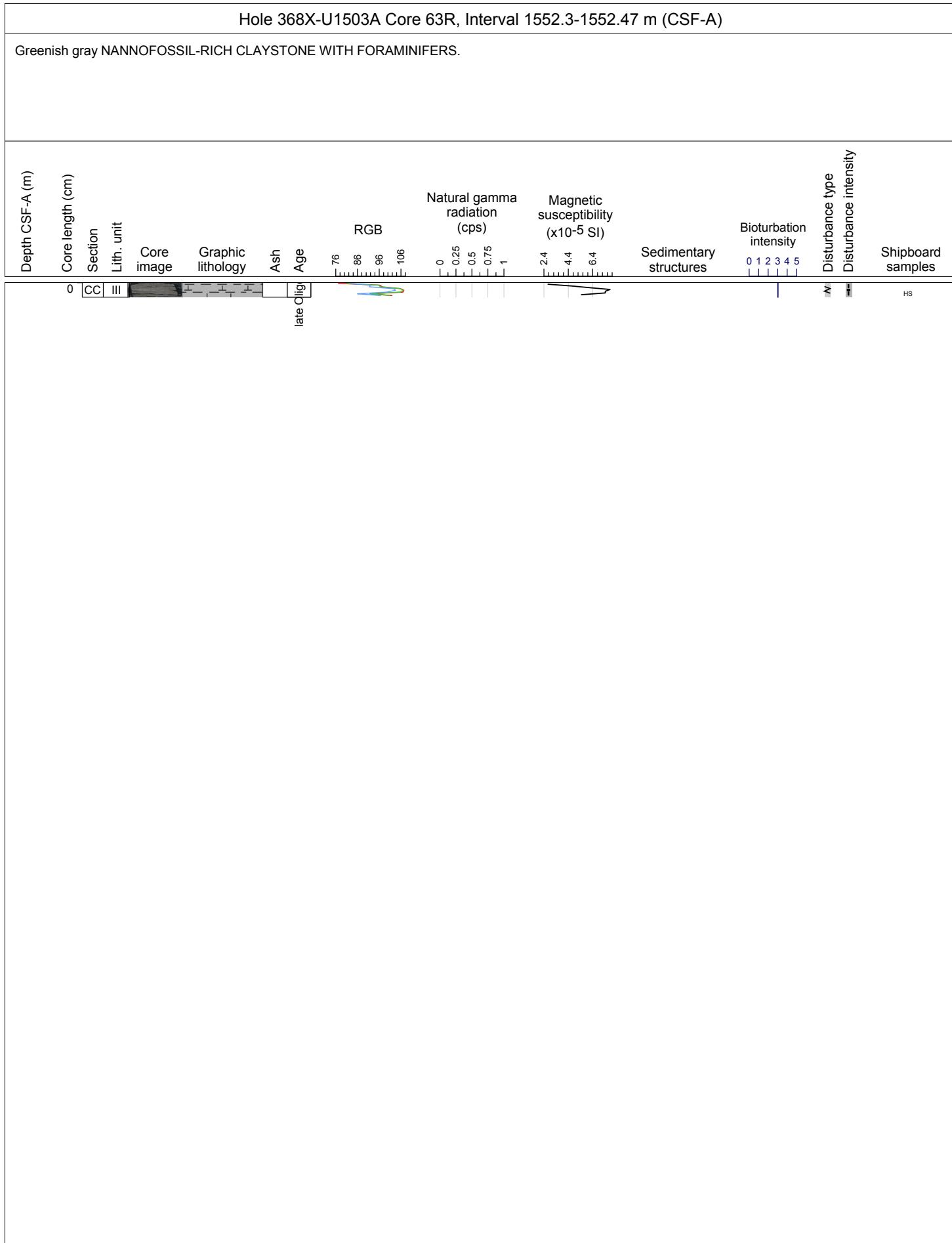


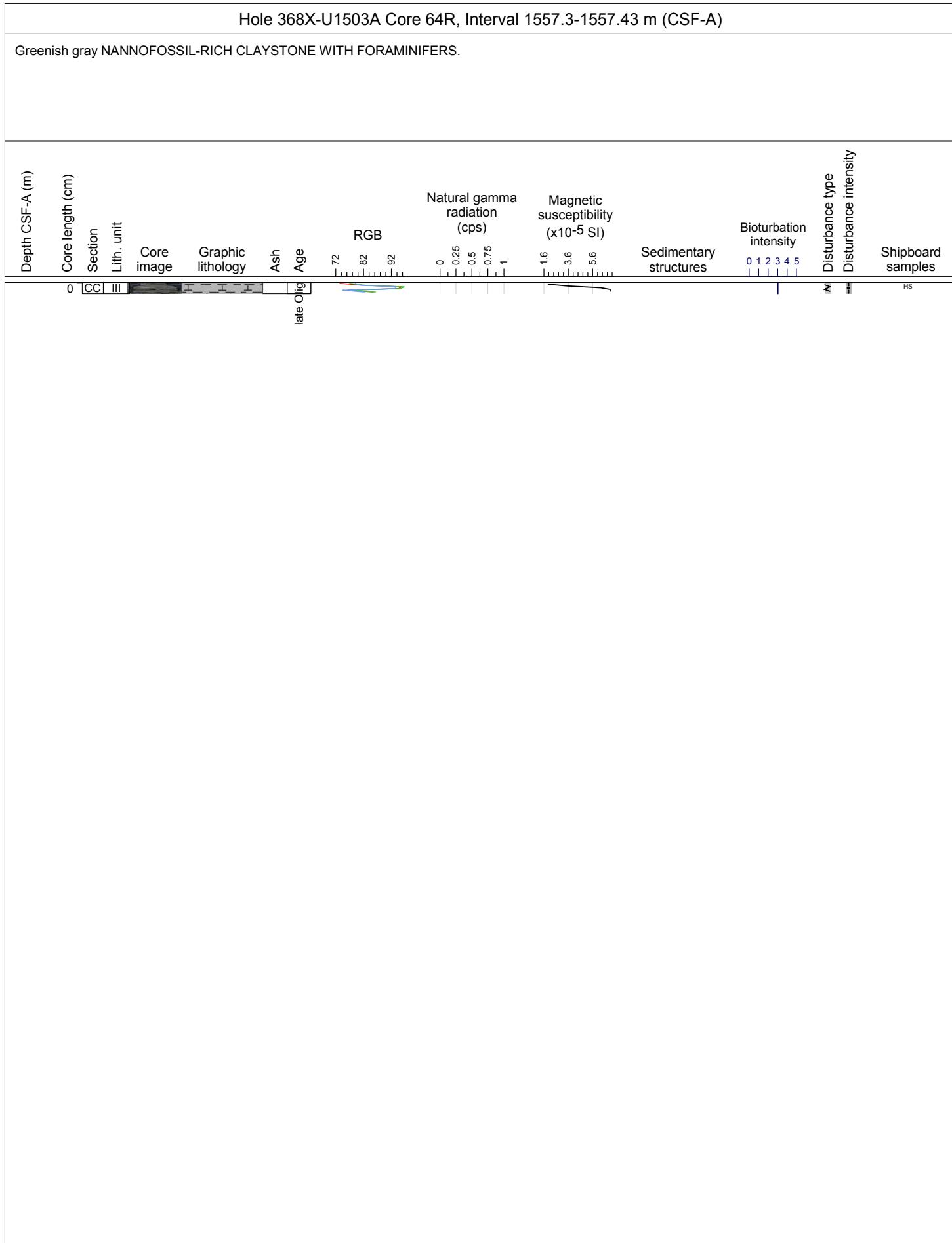


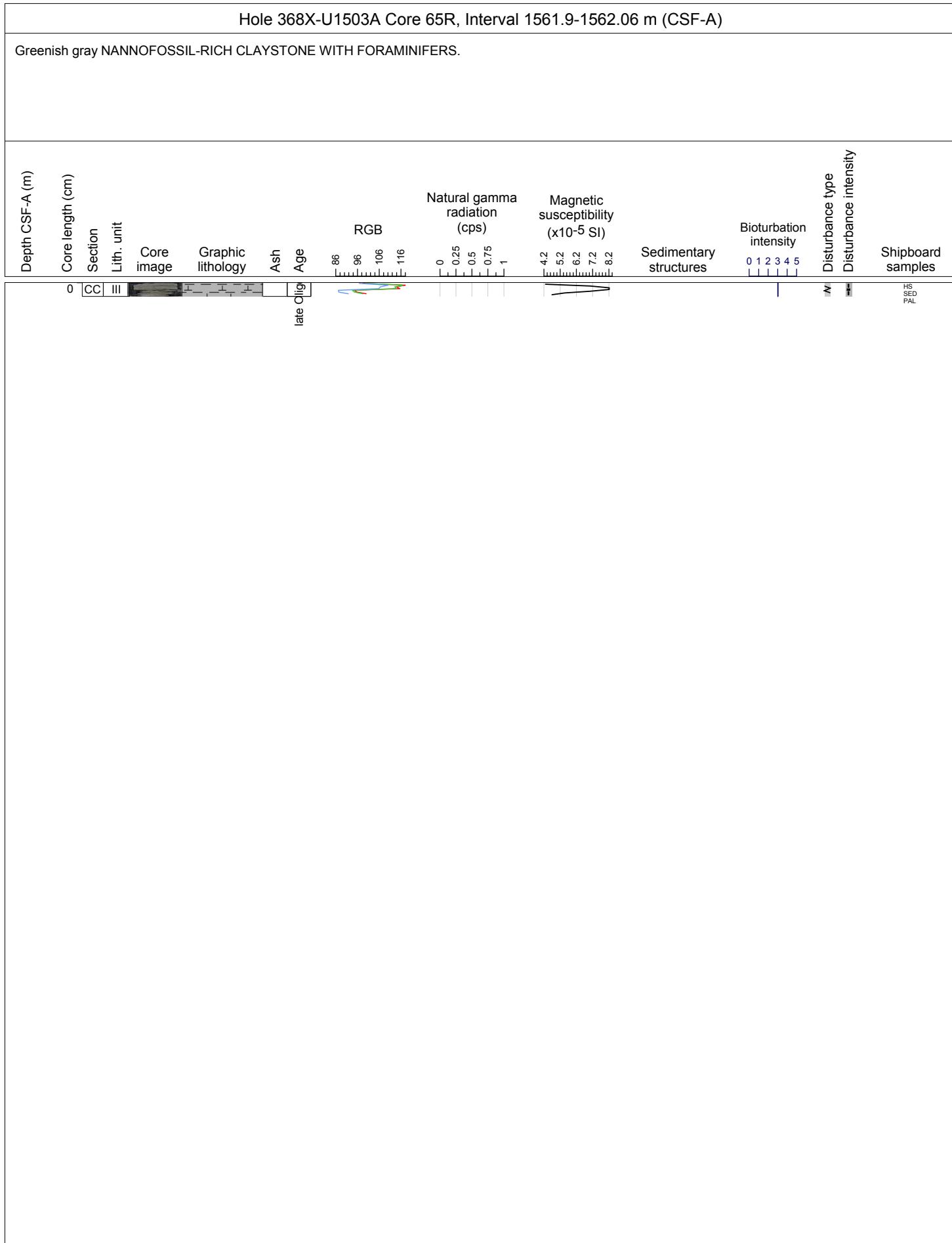


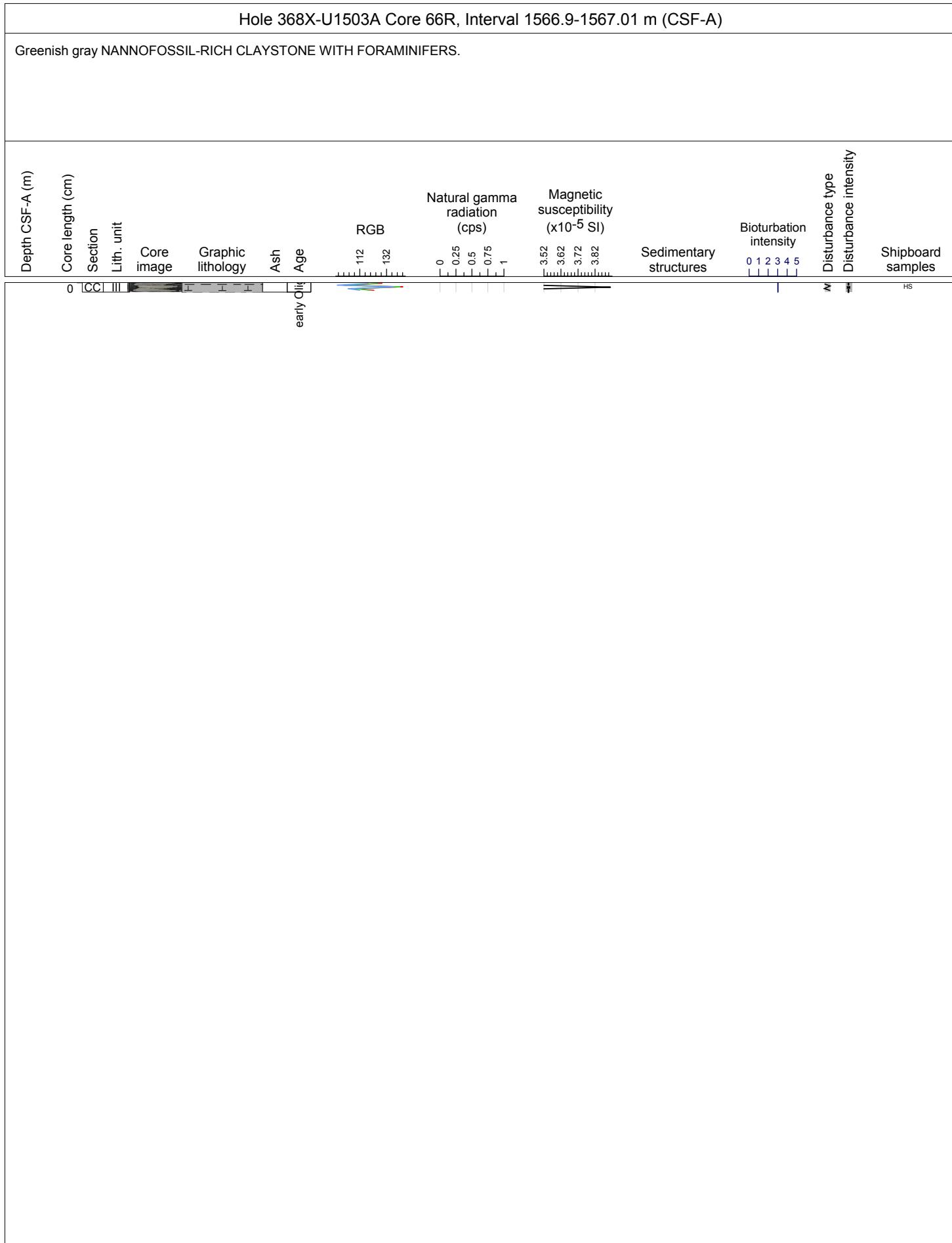


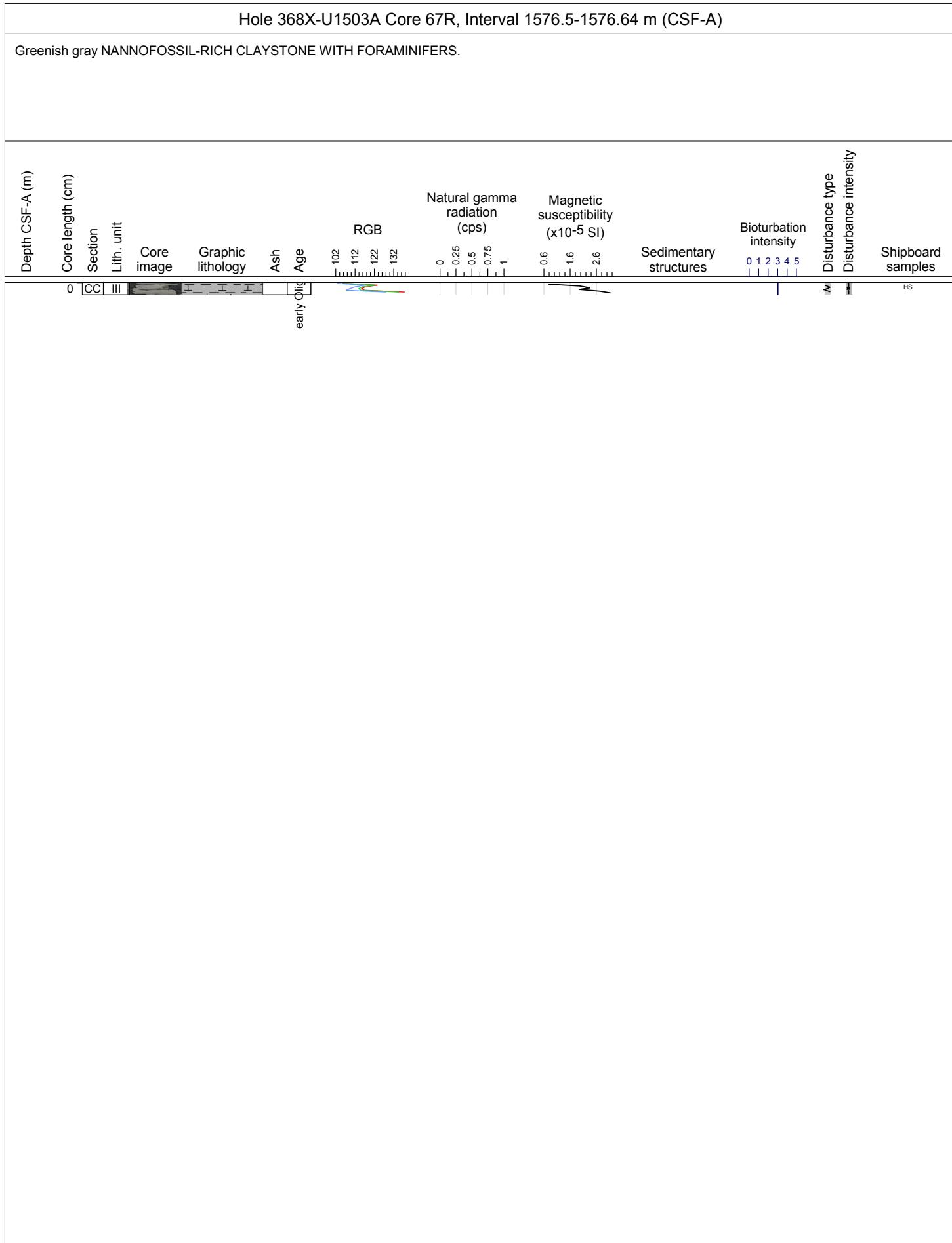






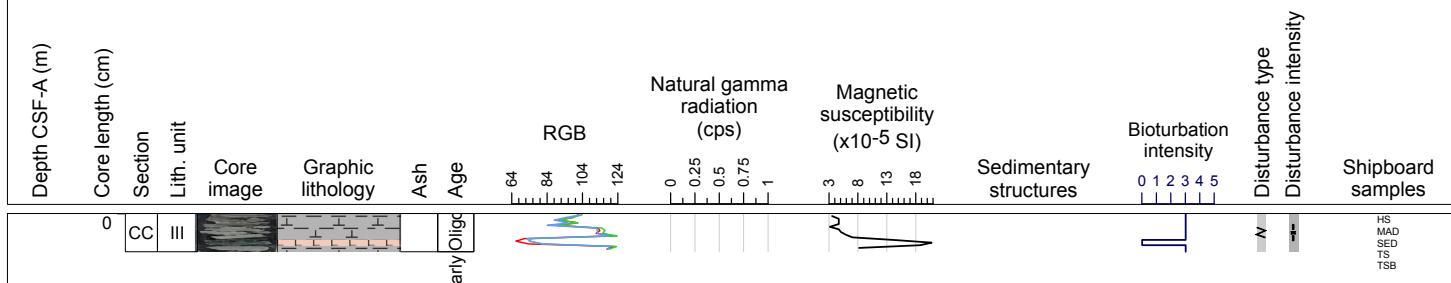






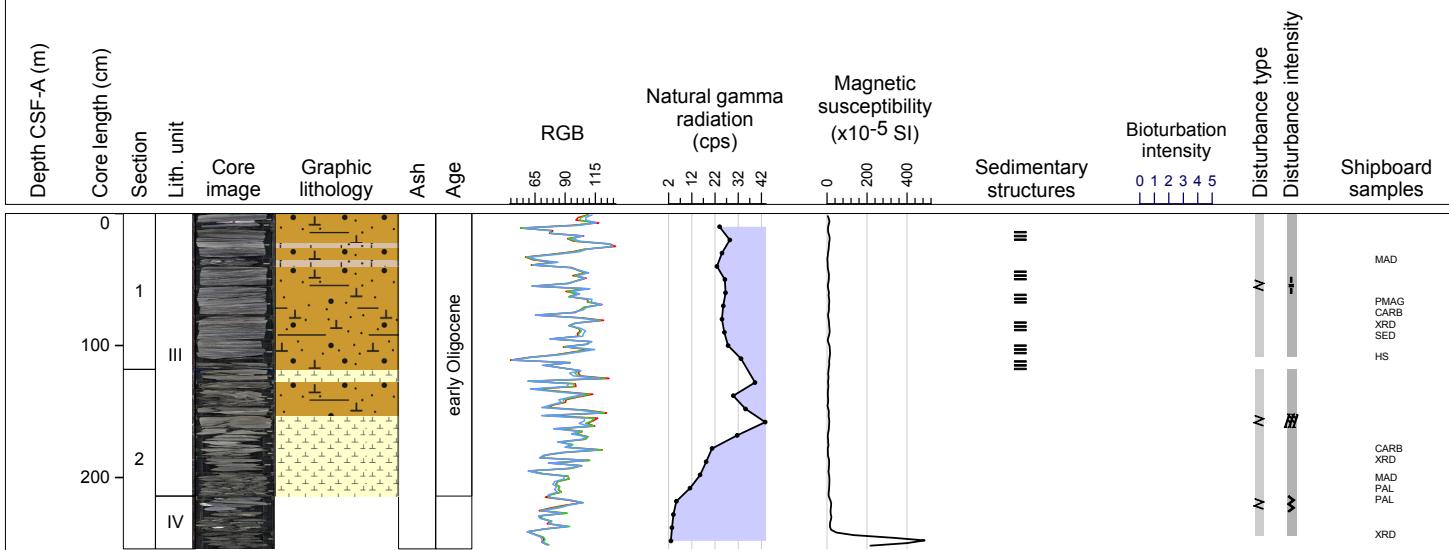
Hole 368X-U1503A Core 68R, Interval 1586.1-1586.39 m (CSF-A)

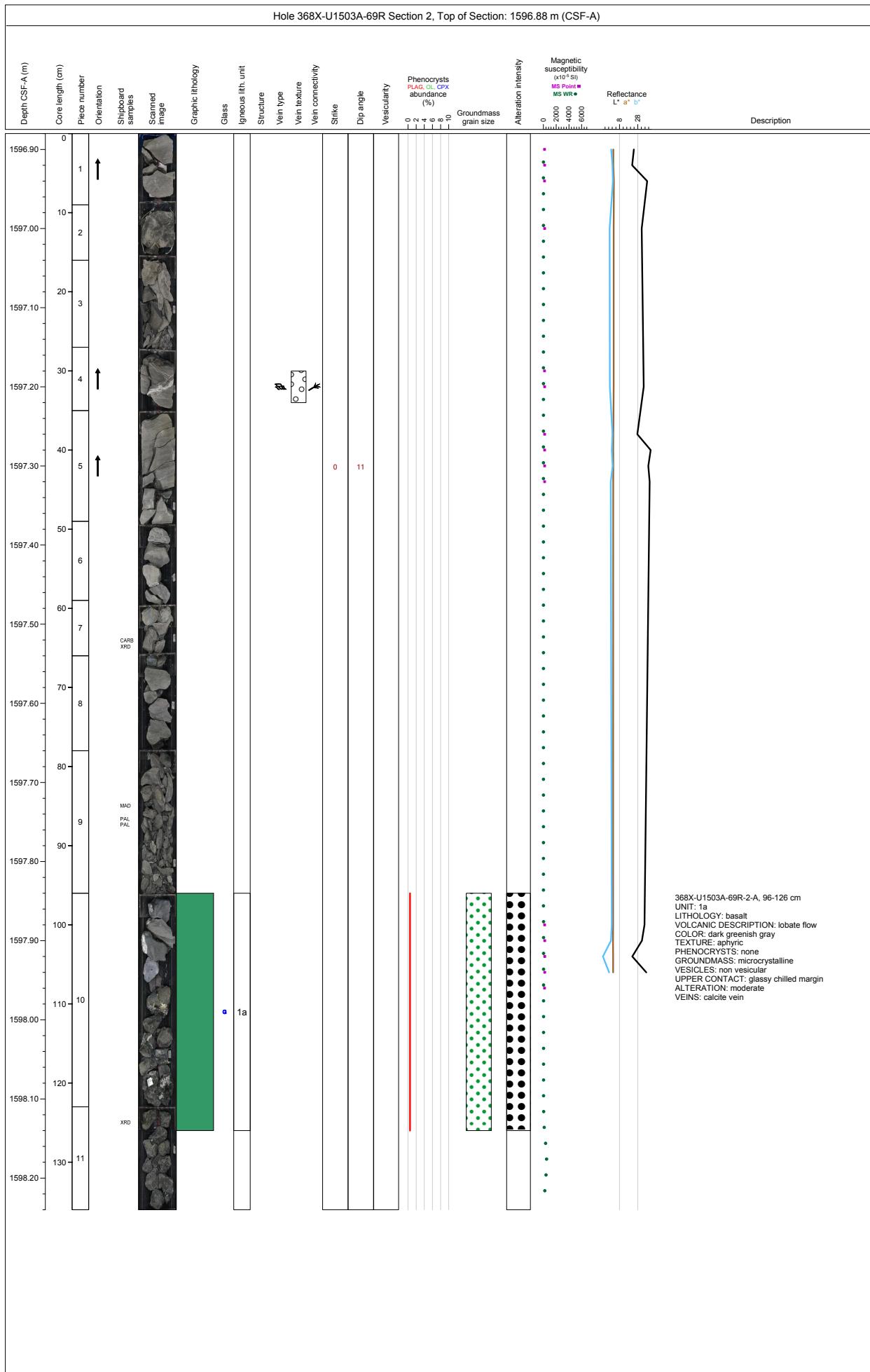
Greenish gray NANNOFOSSIL-RICH CLAYSTONE WITH FORAMINIFERS and a greenish black interval that is possibly an ASH or hydrothermal alteration of NANNOFOSSIL-RICH CLAYSTONE.

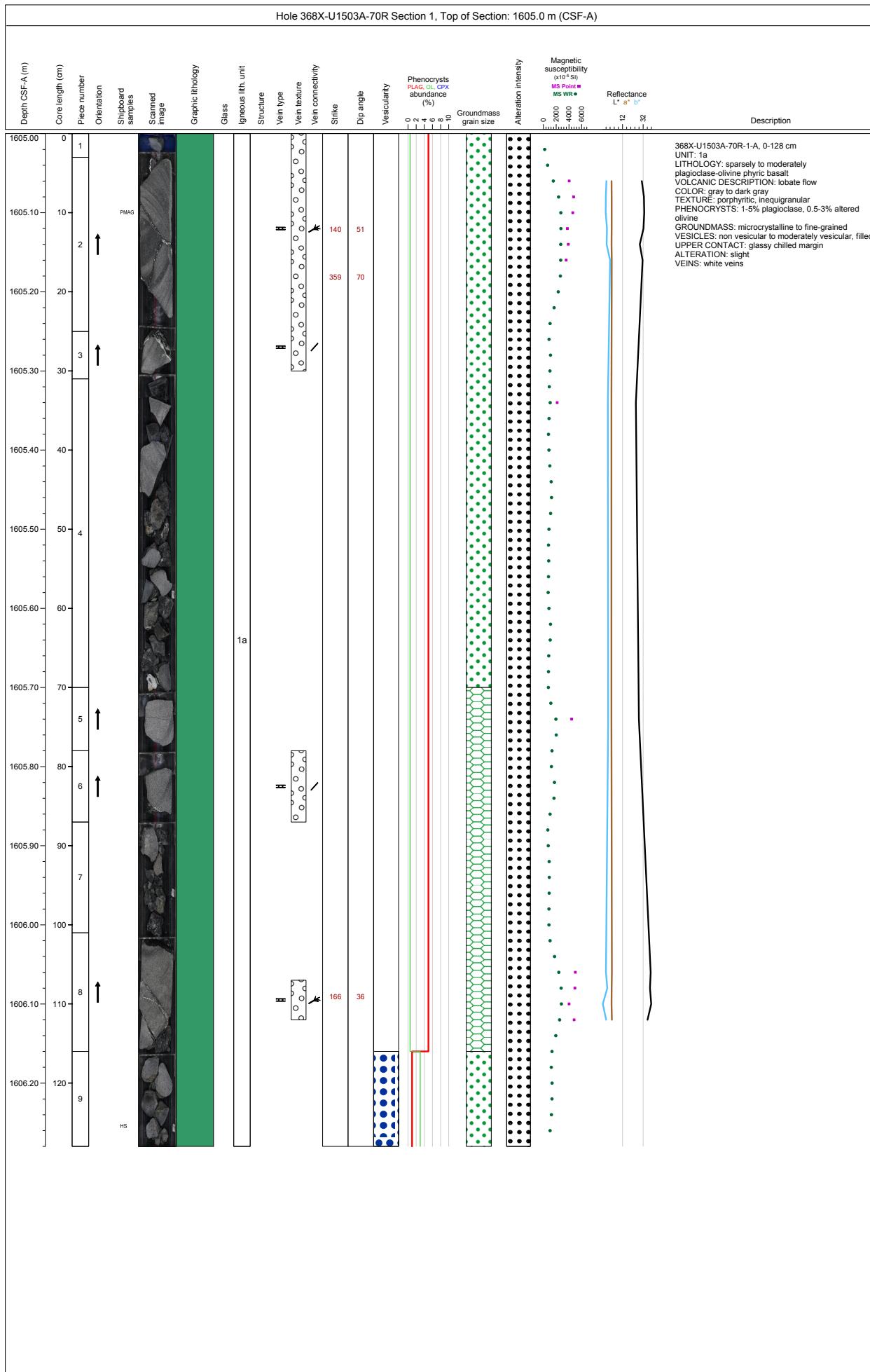


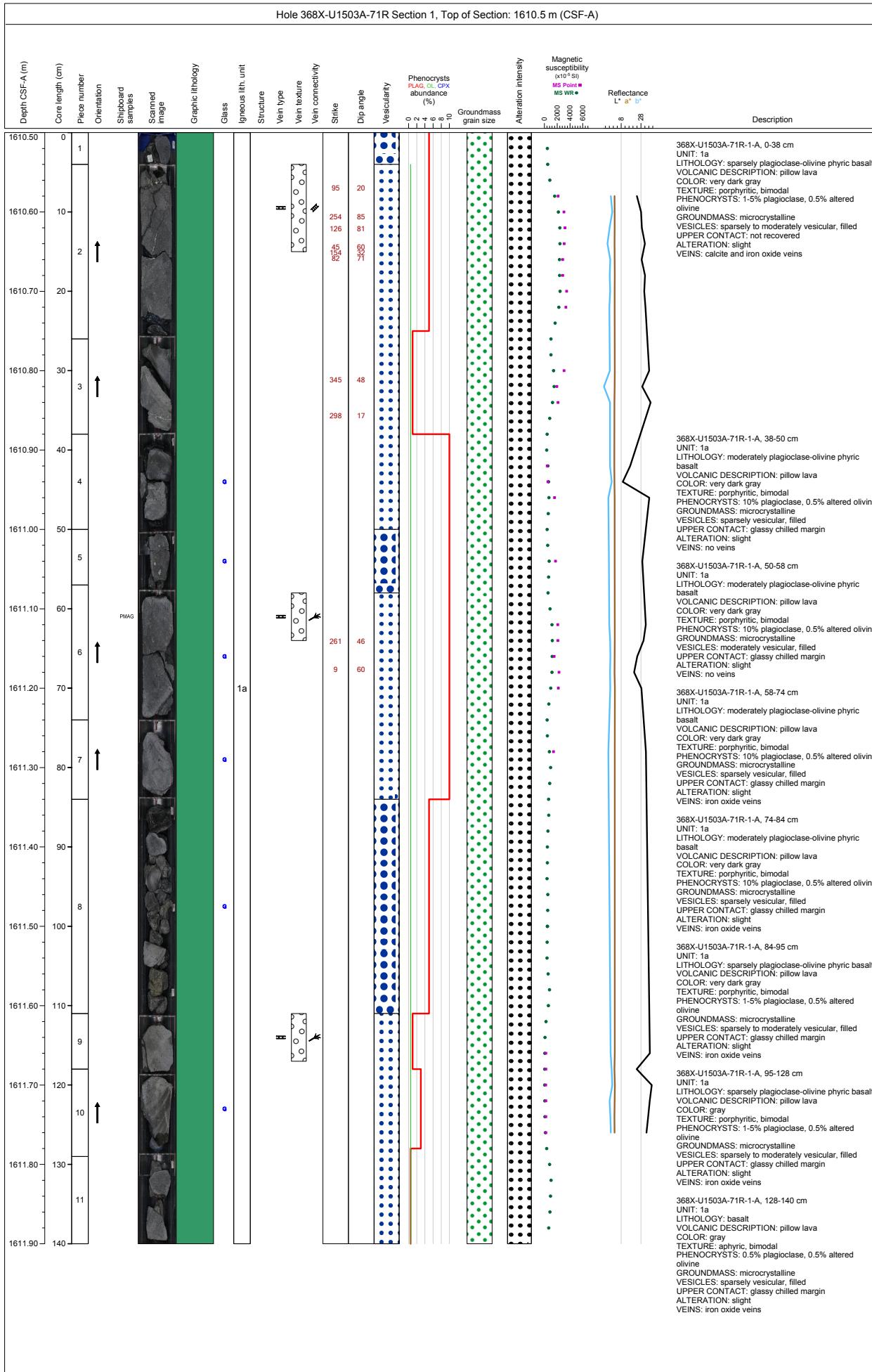
Hole 368X-U1503A Core 69R, Interval 1595.7-1598.24 m (CSF-A)

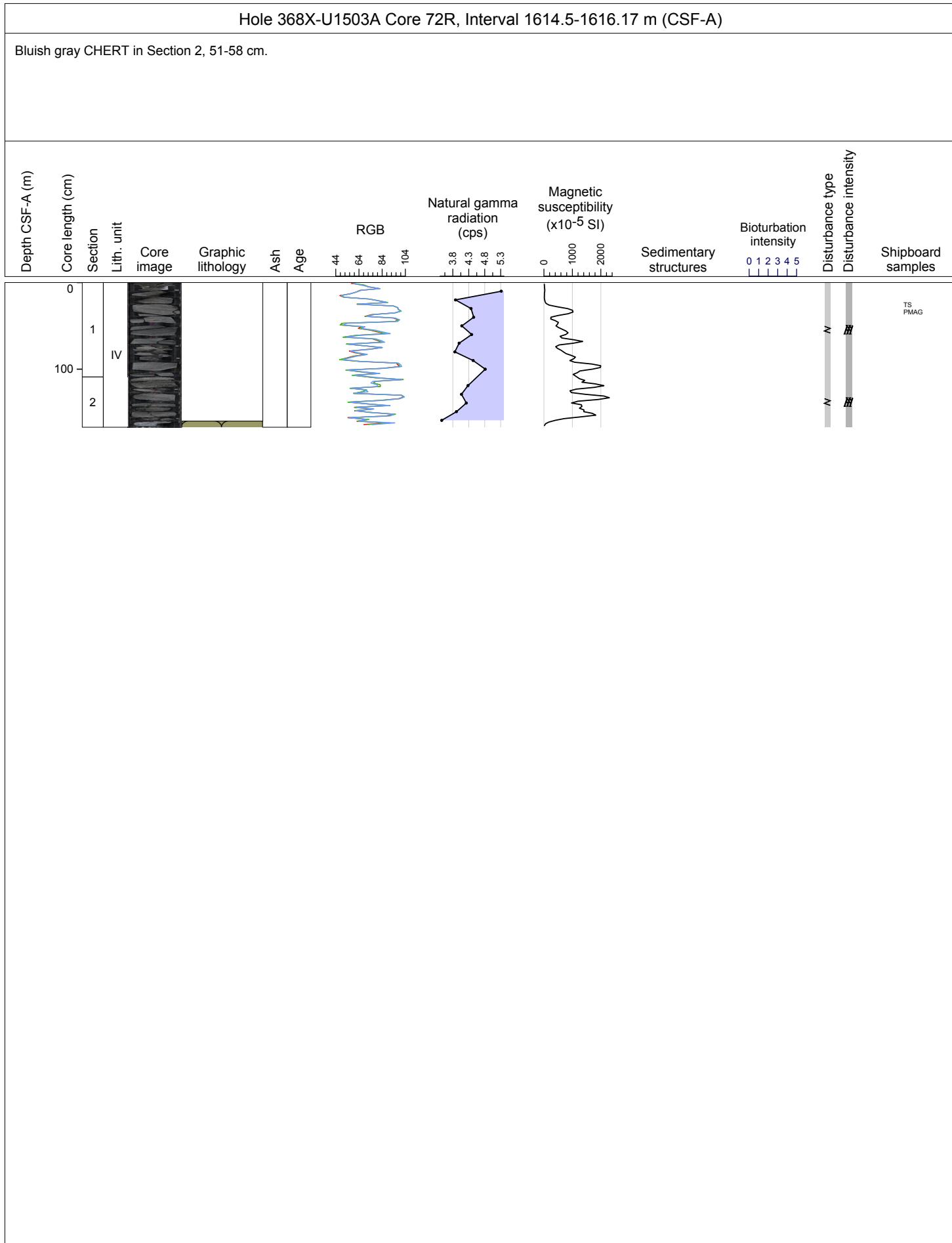
Dark gray laminated NANNOFOSSIL-RICH SILTY CLAYSTONE, NANNOFOSSIL-RICH SILTY CLAYSTONE WITH FORAMINIFERS, NANNOFOSSIL-RICH SILTY CLAYSTONE WITH PYRITE and NANNOFOSSIL-RICH CLAYEY SILTSTONE and light greenish gray and greenish gray, laminated CLAY-RICH NANNOFOSSIL CHALK, CLAY-RICH NANNOFOSSIL CHALK WITH FORAMINIFERS, SILTY CLAY-RICH NANNOFOSSIL CHALK WITH FORAMINIFERS, NANNOFOSSIL-RICH CLAYEY SILTSTONE and NANNOFOSSIL-RICH SILTY CLAYSTONE WITH FORAMINIFERS. All laminations are inclined.

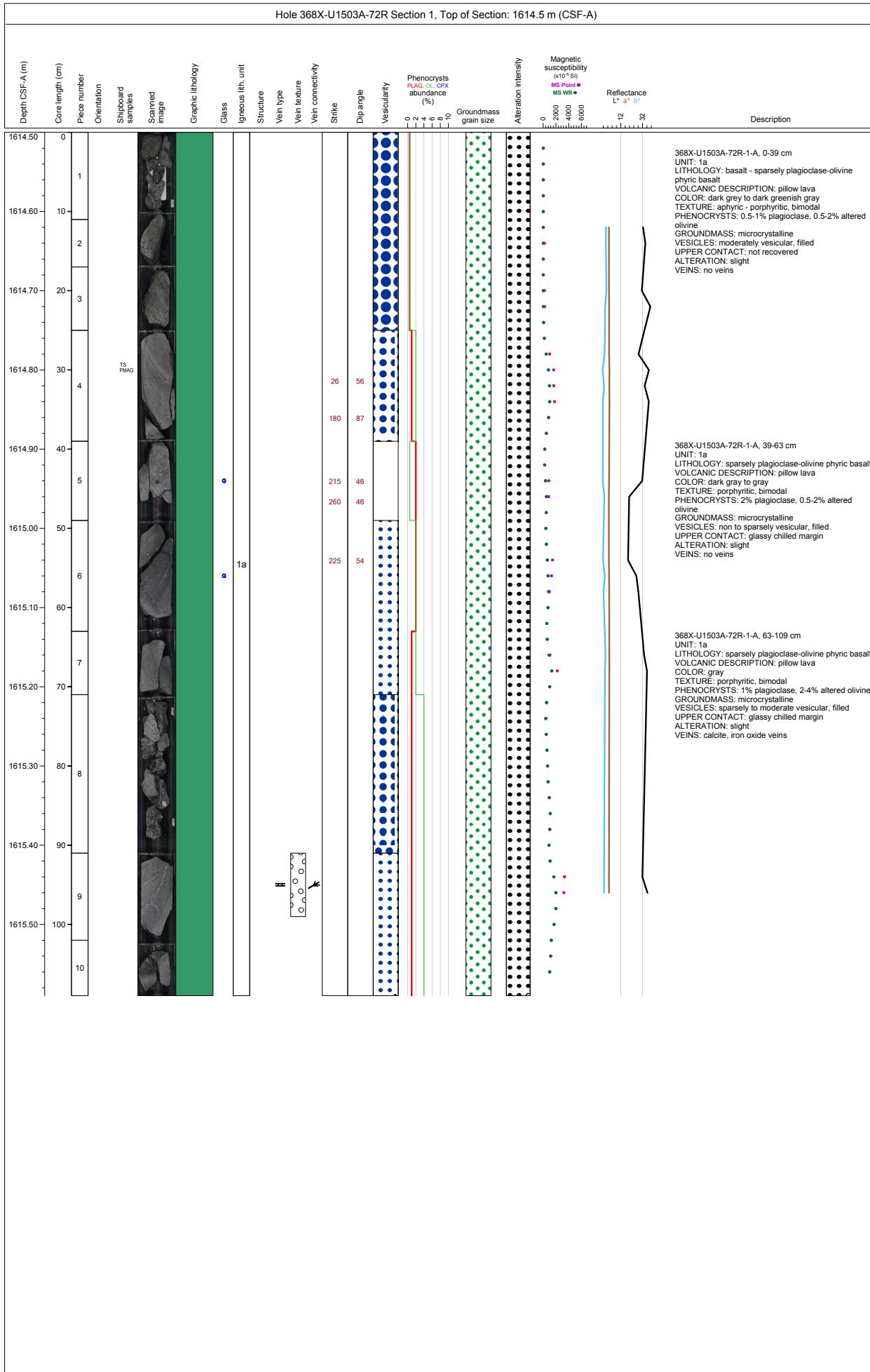


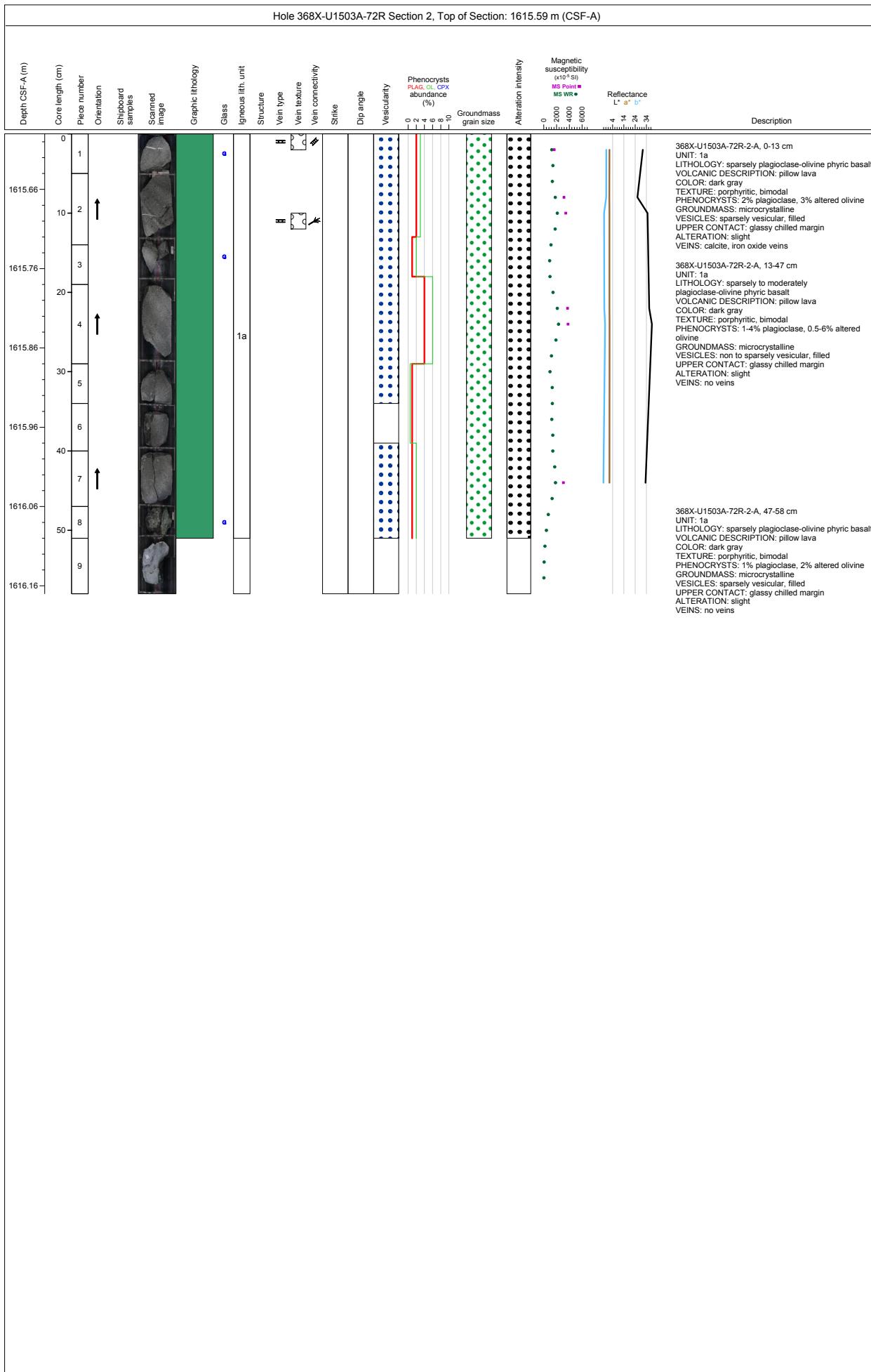


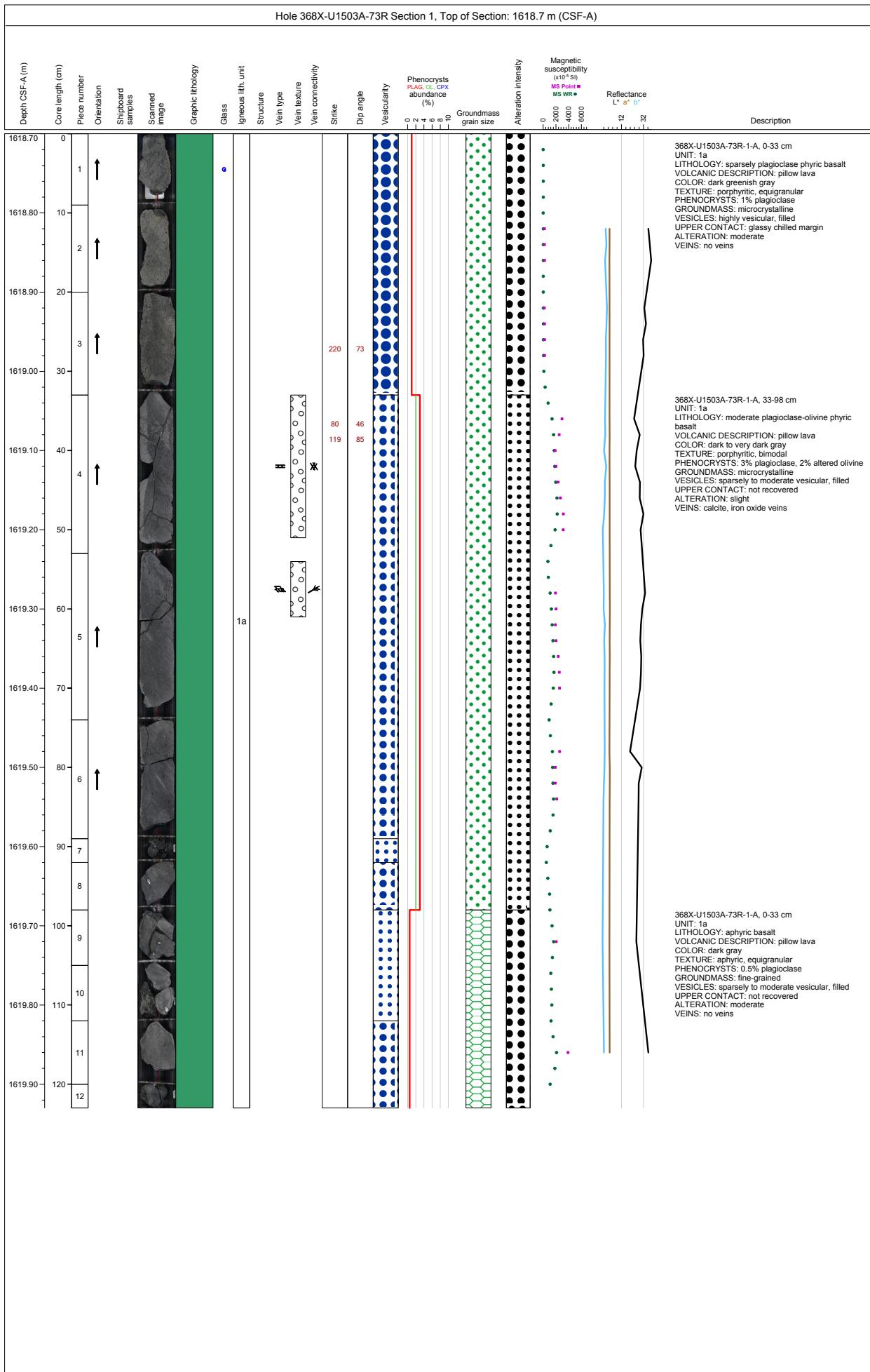


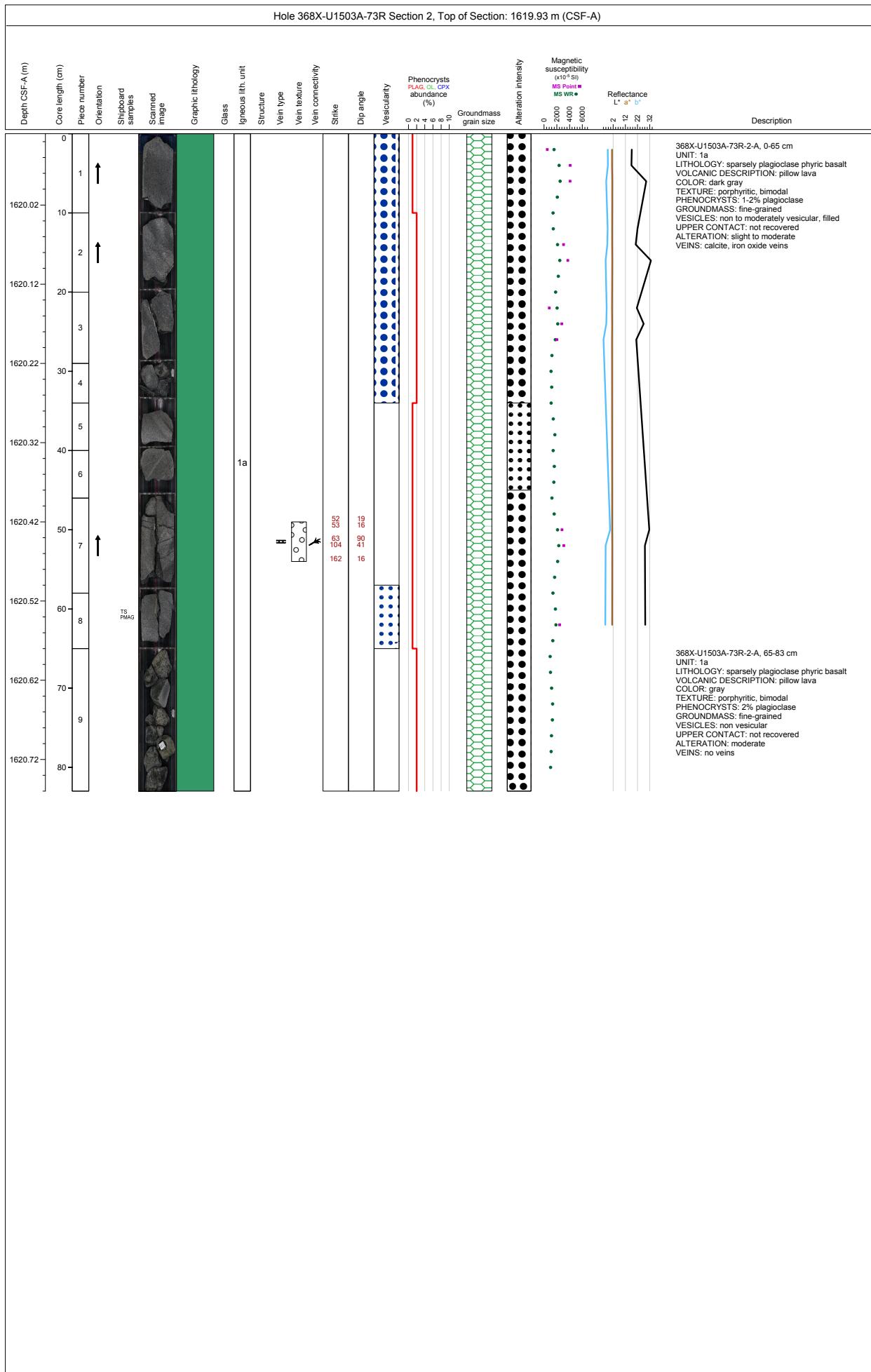


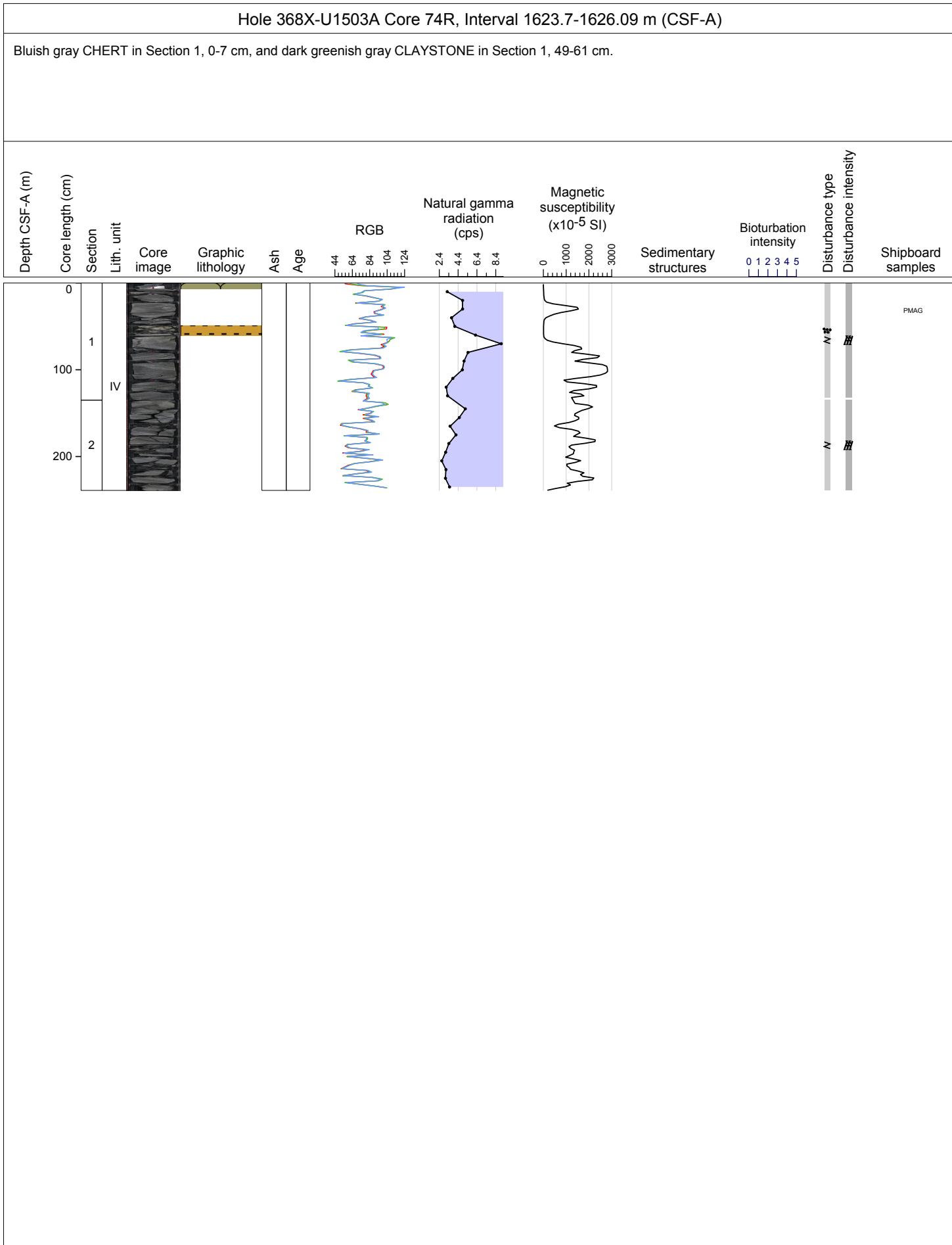


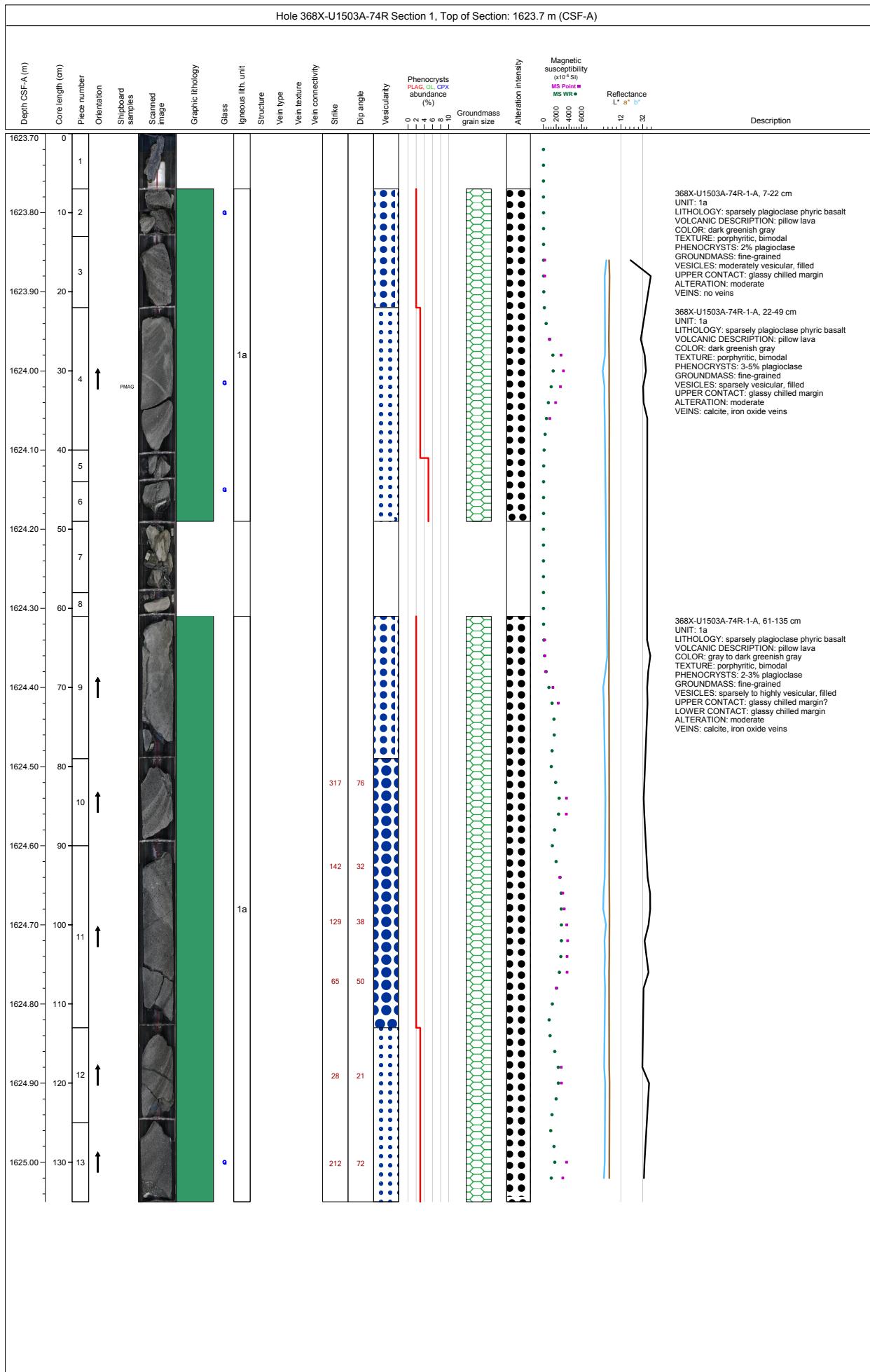


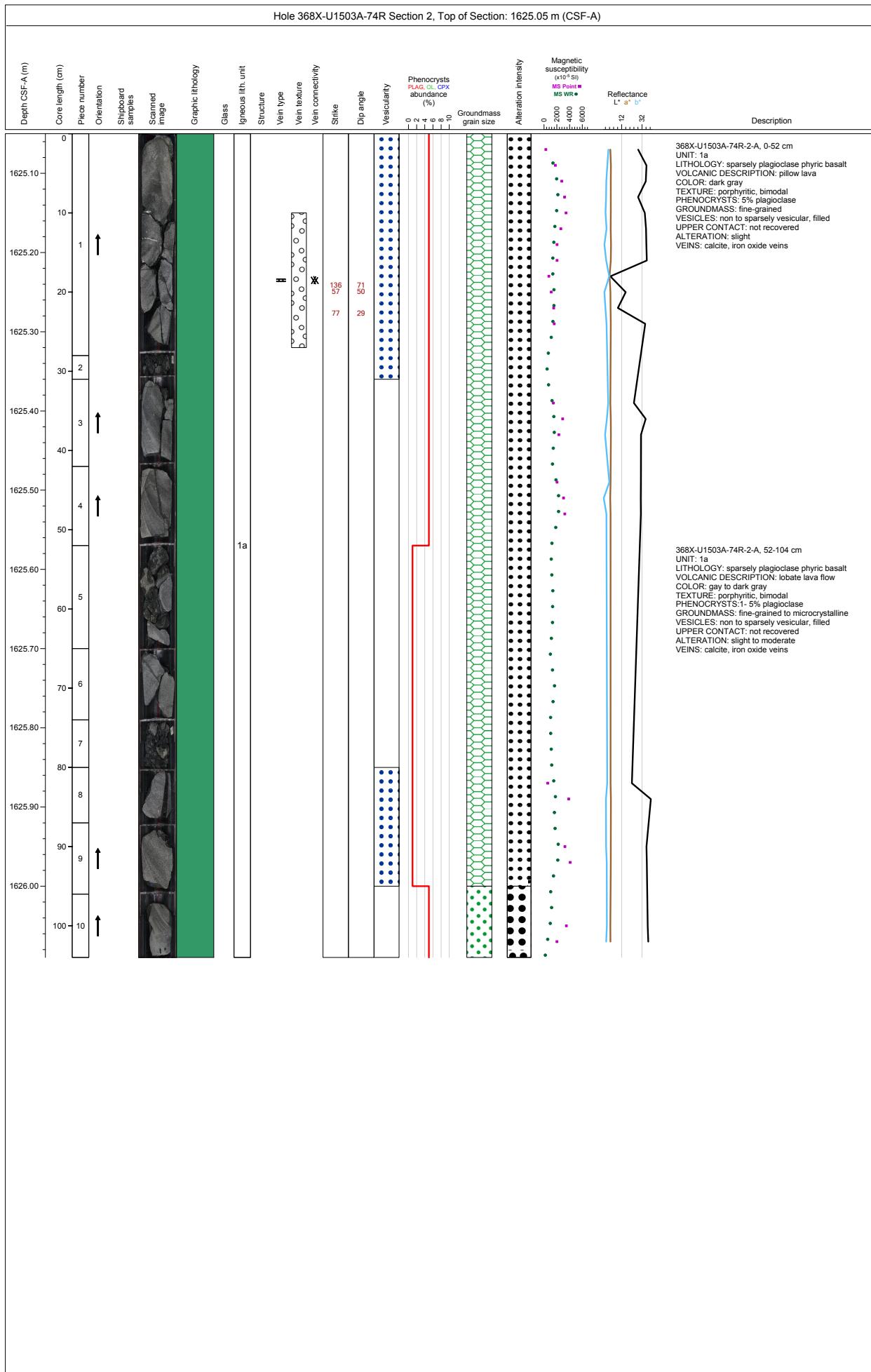


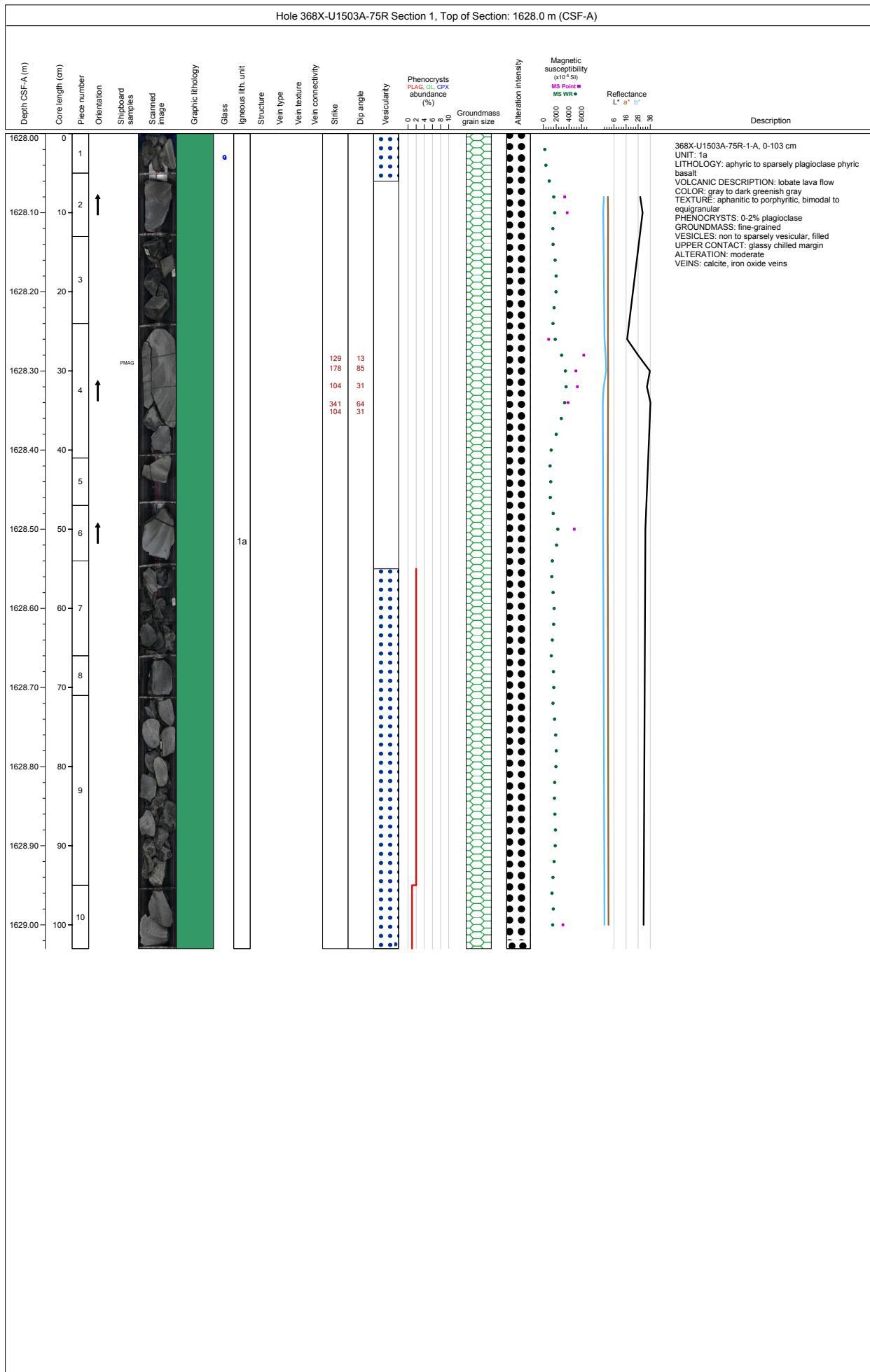


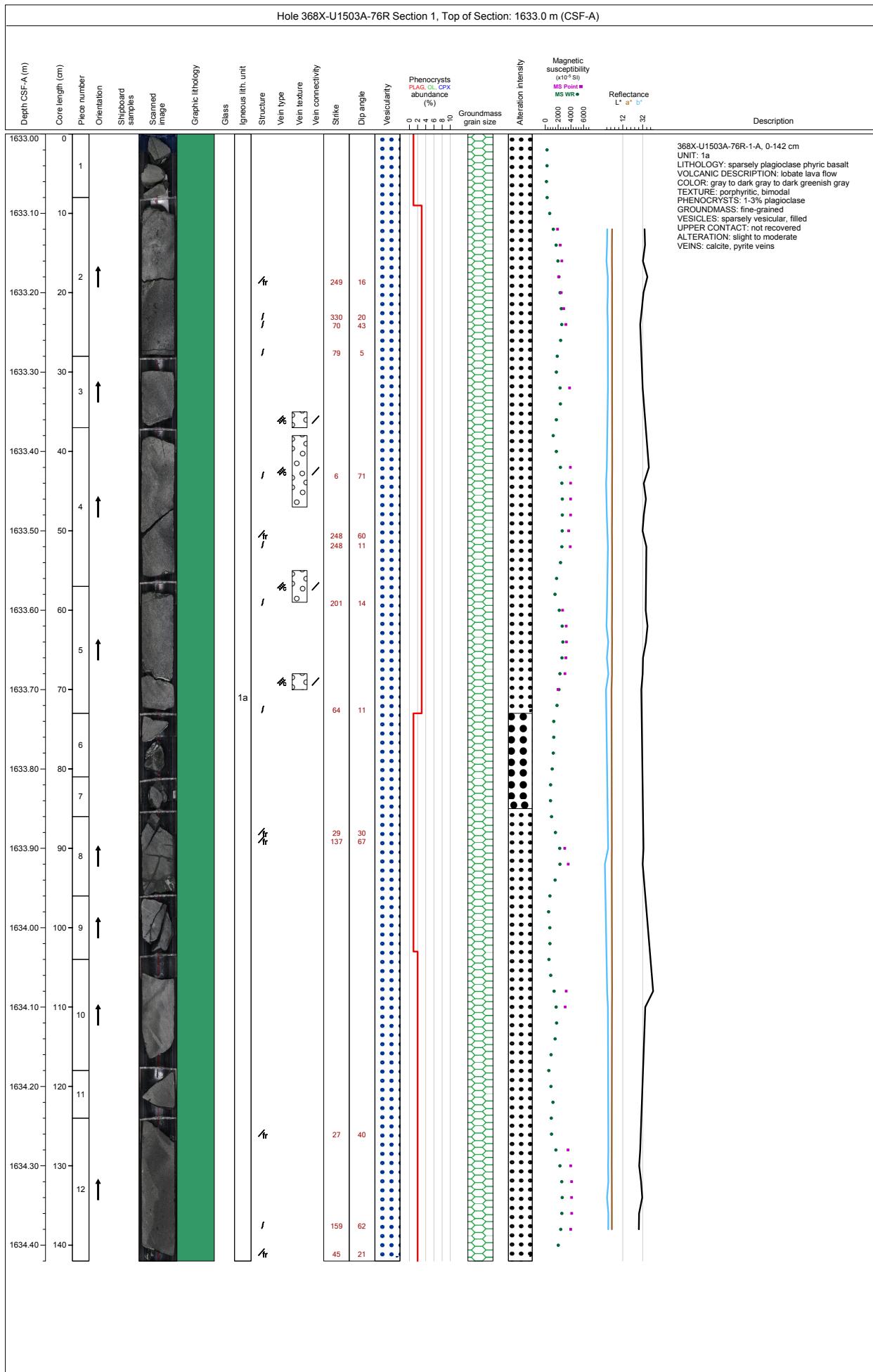


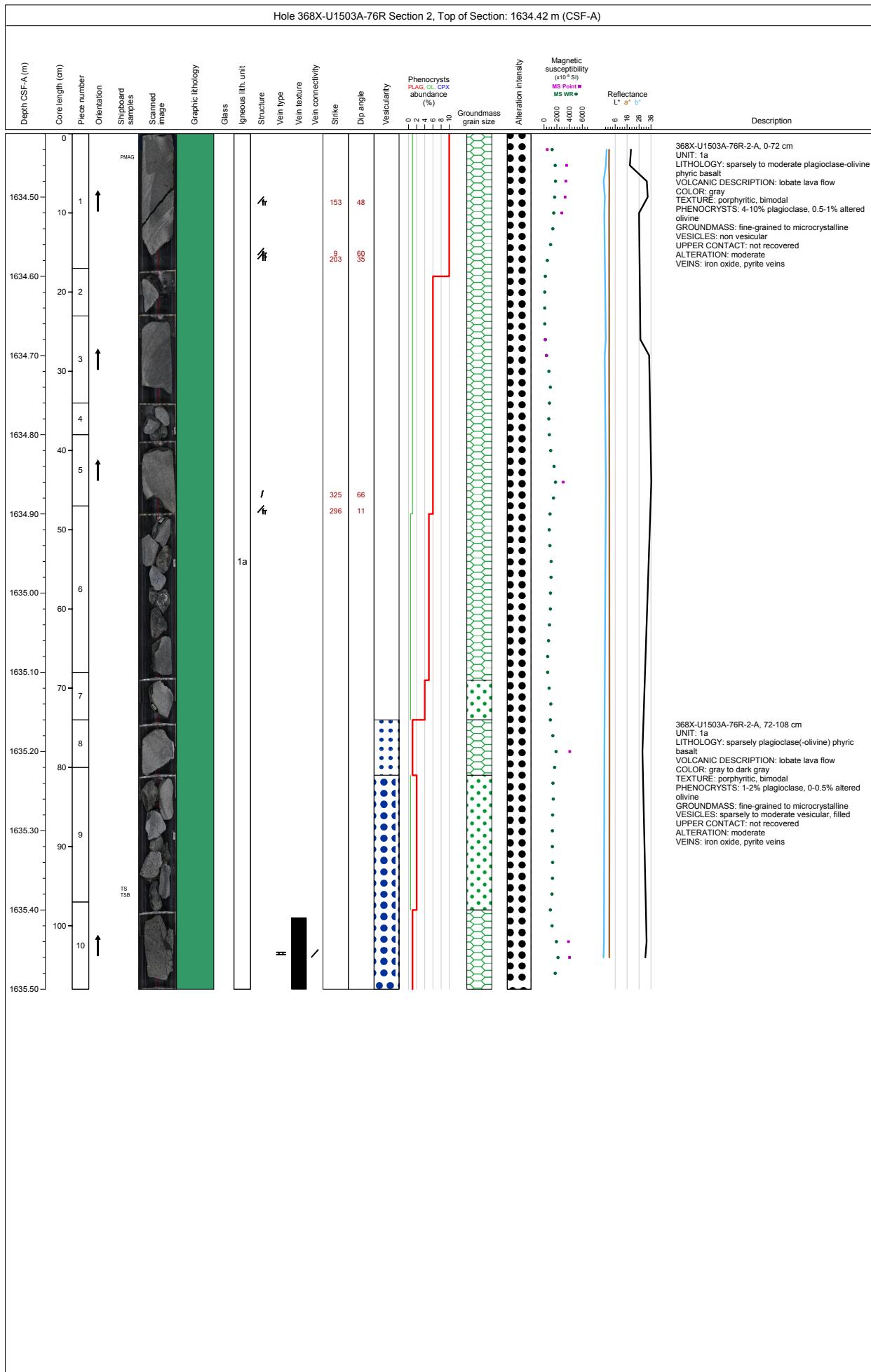


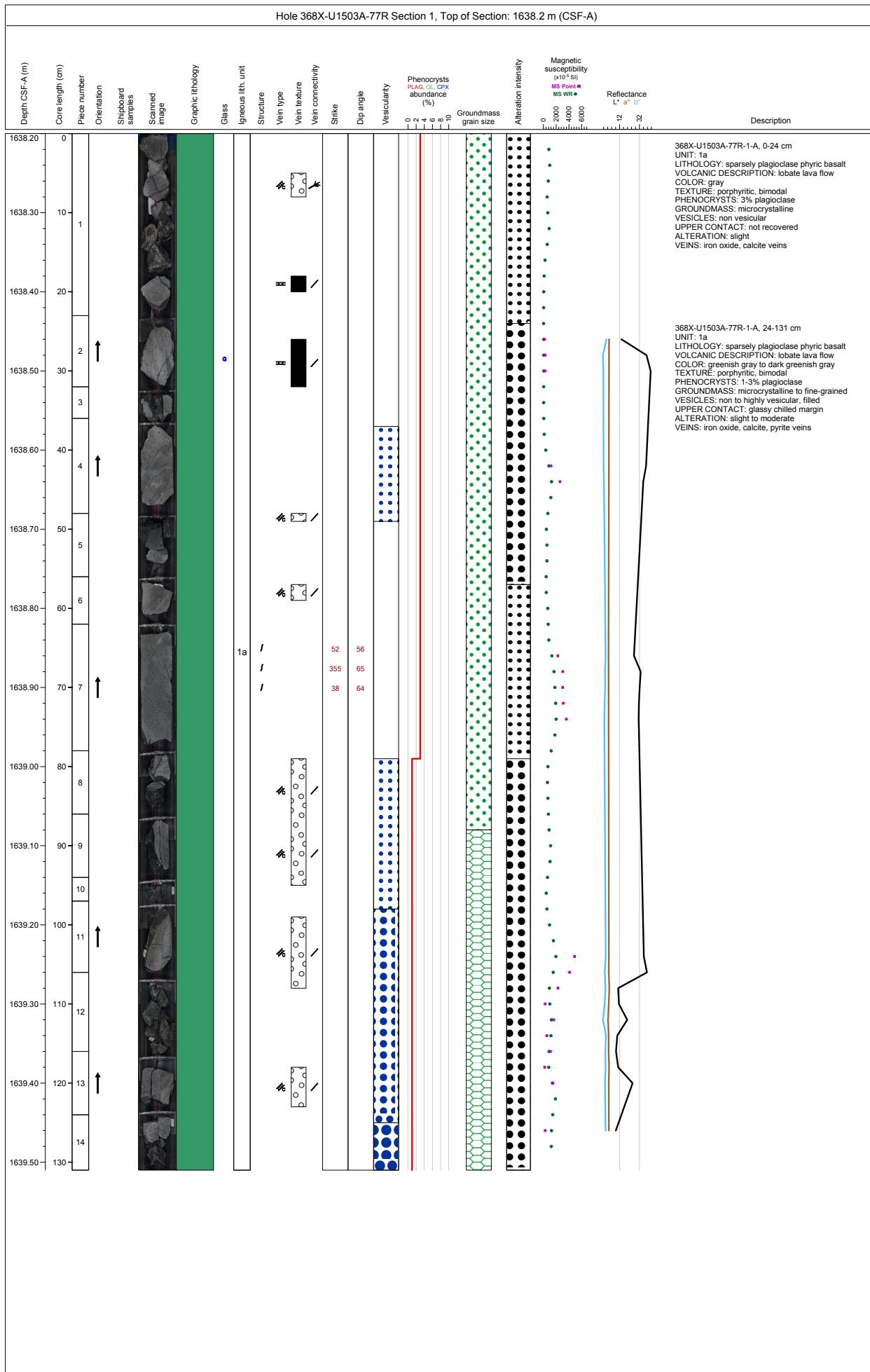


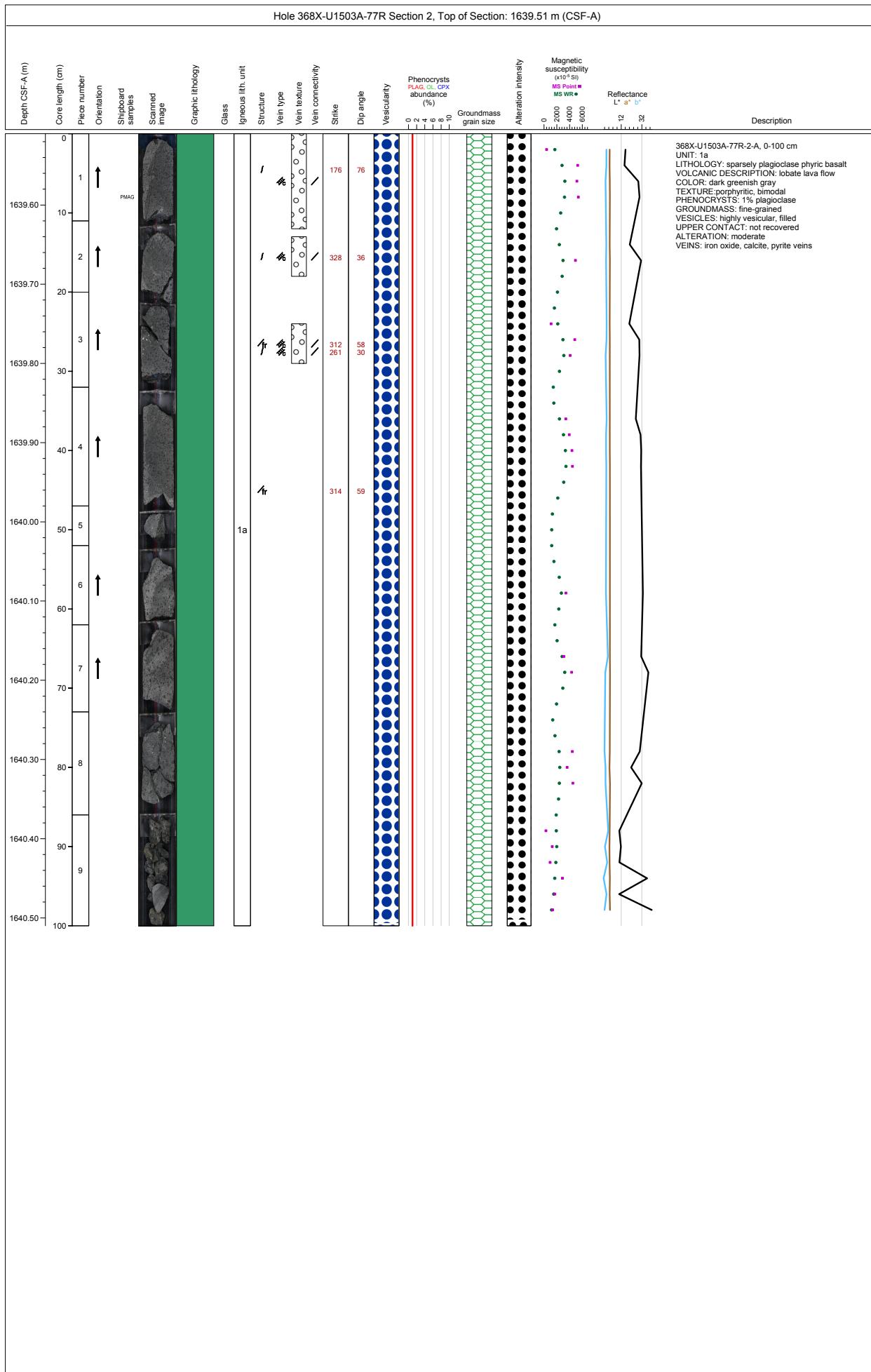


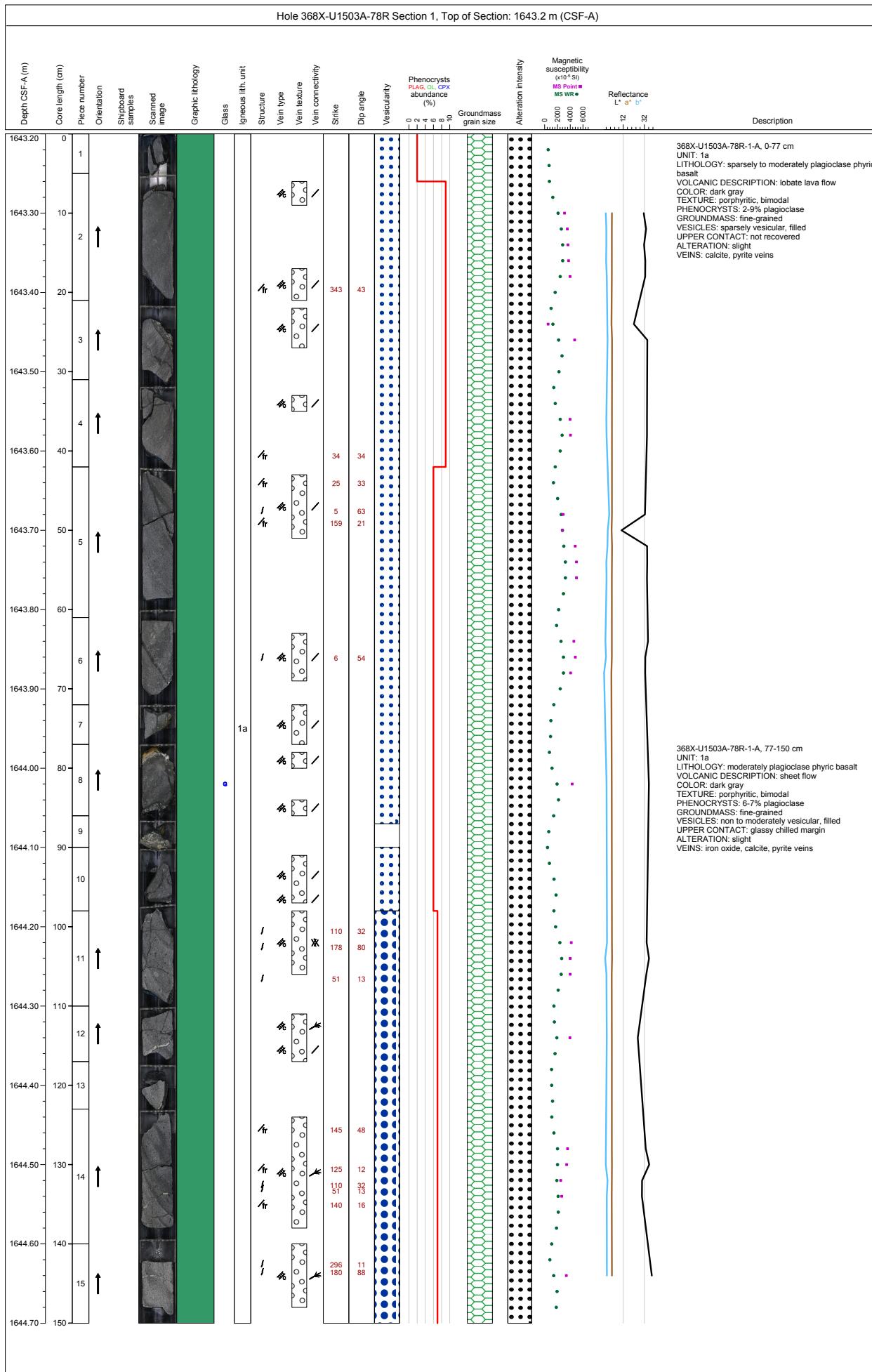


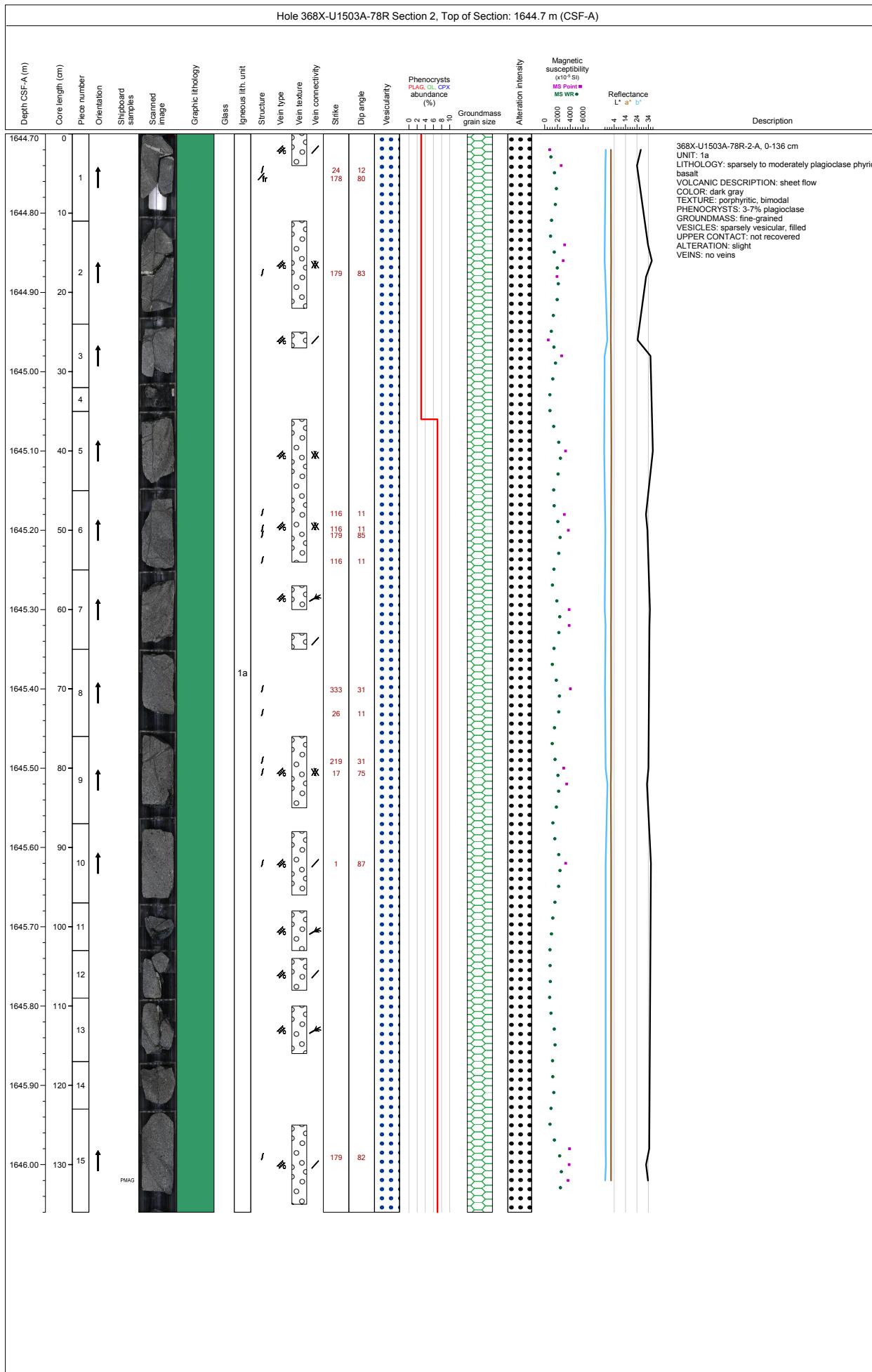


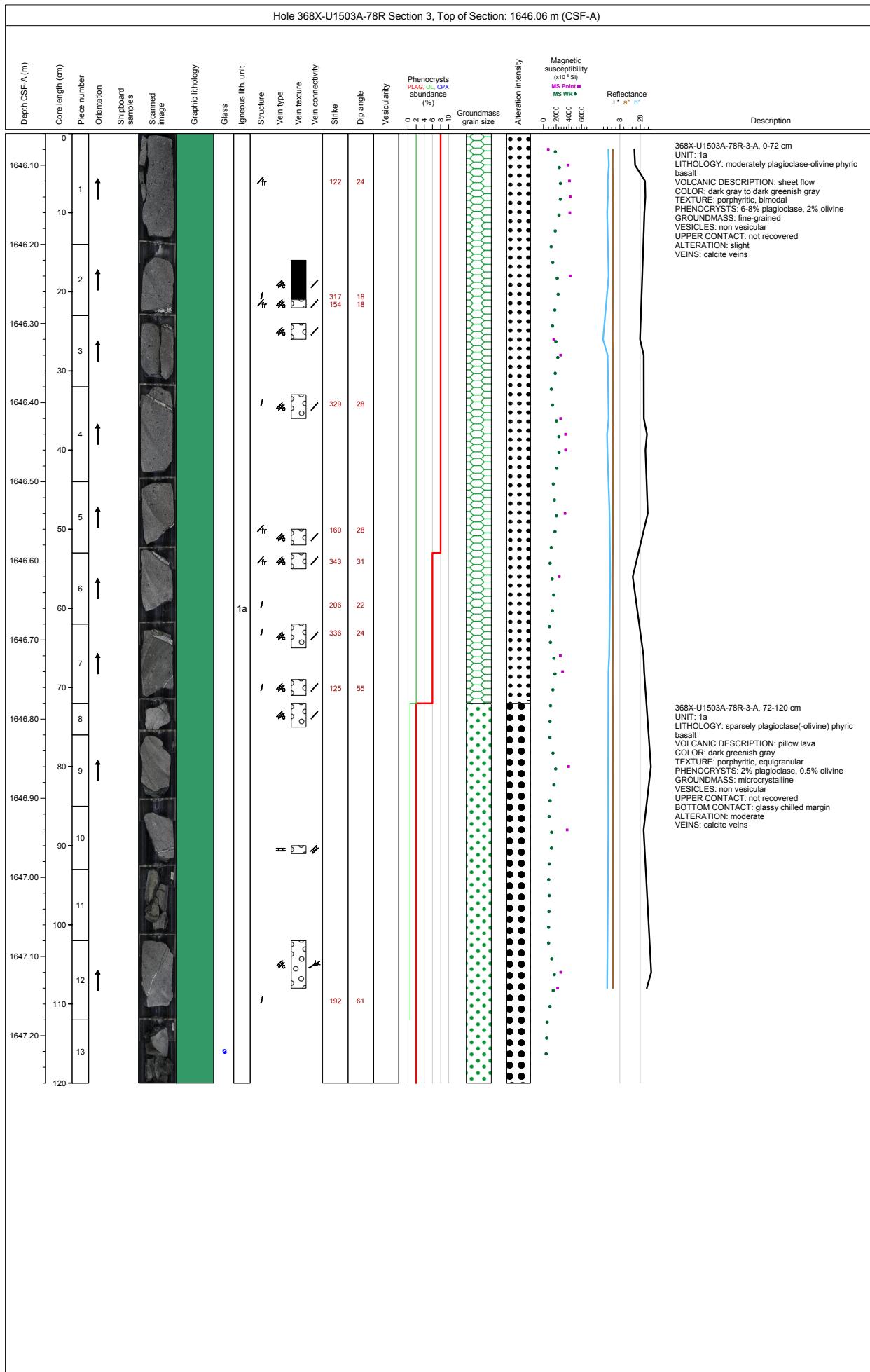


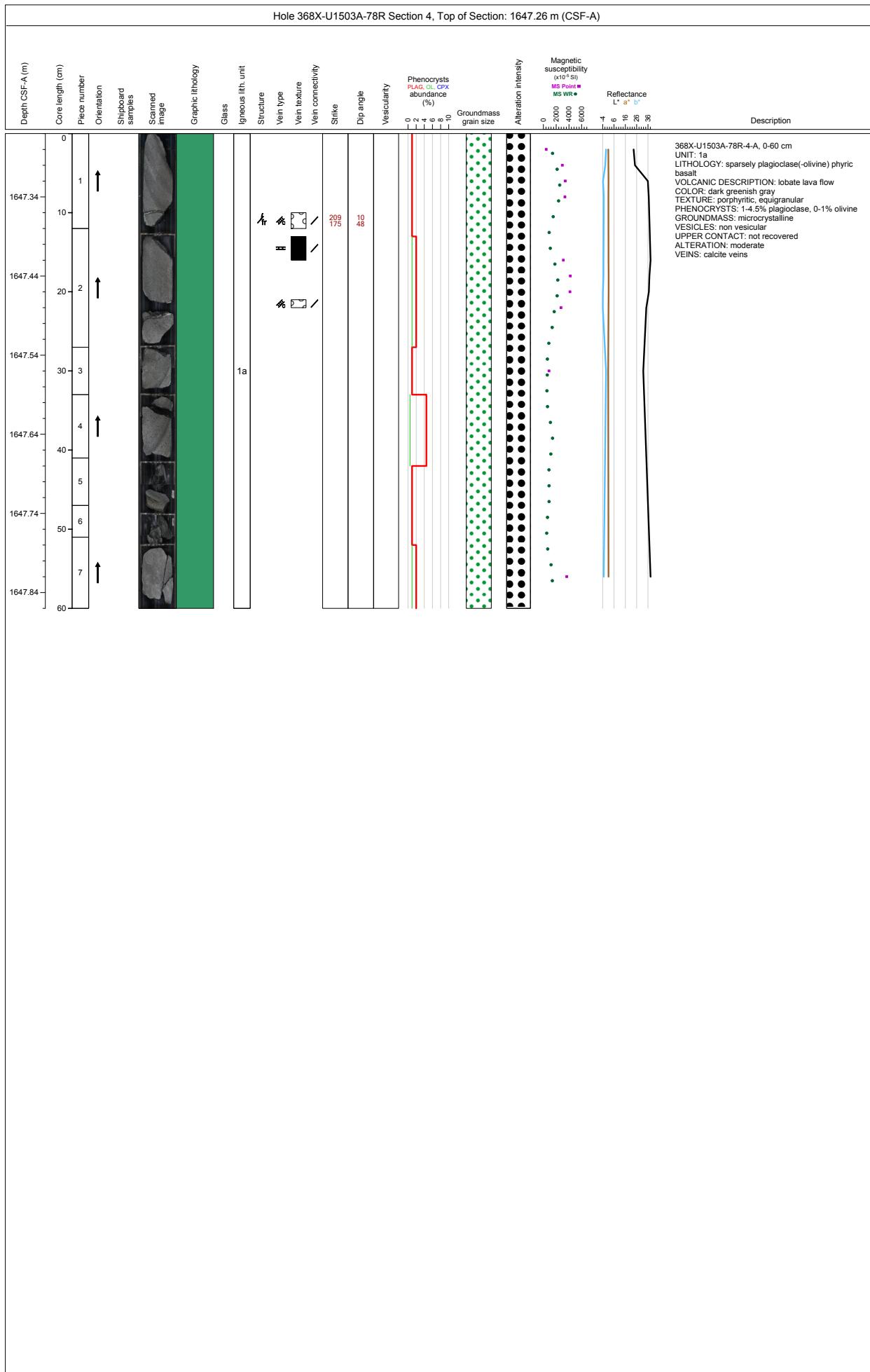


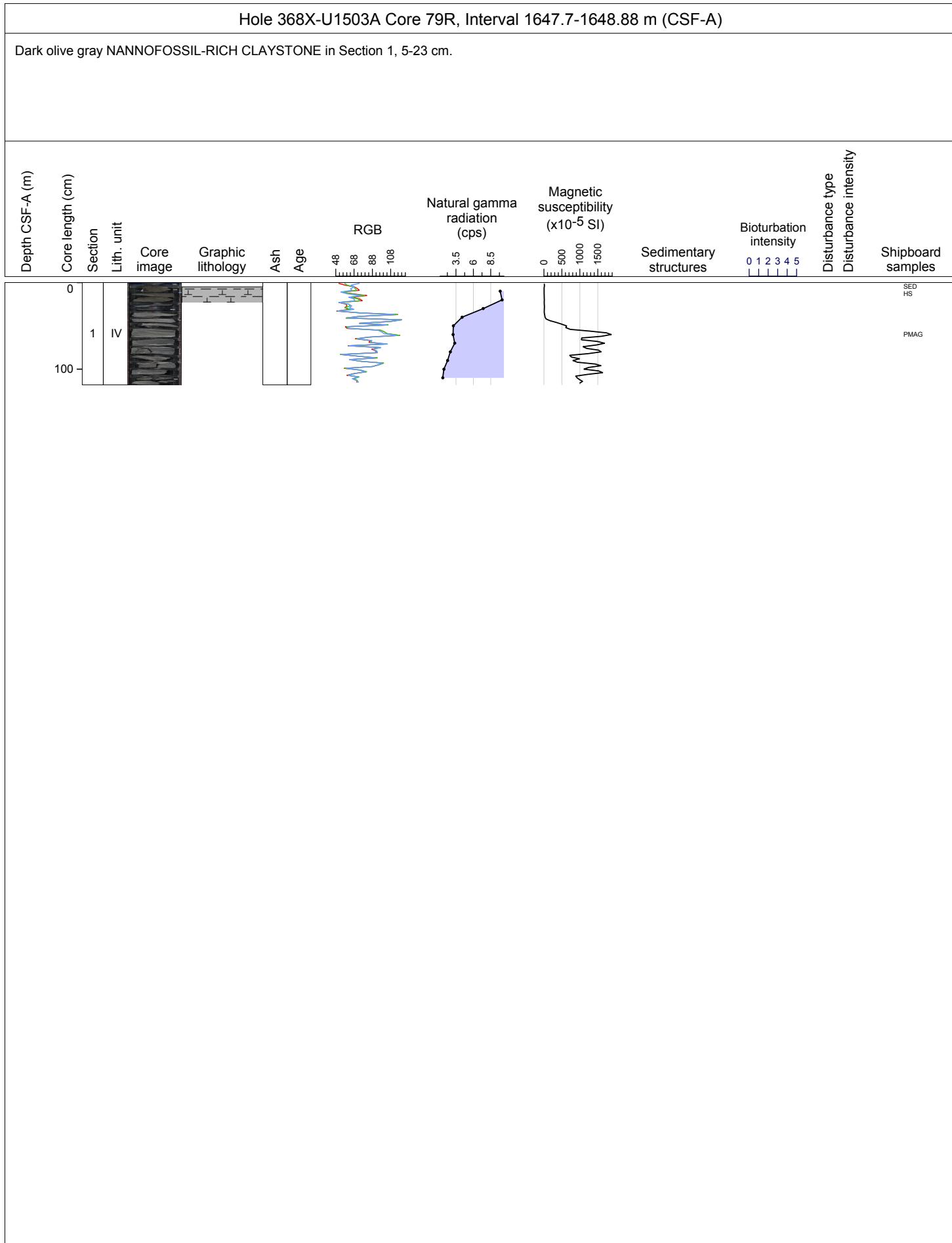


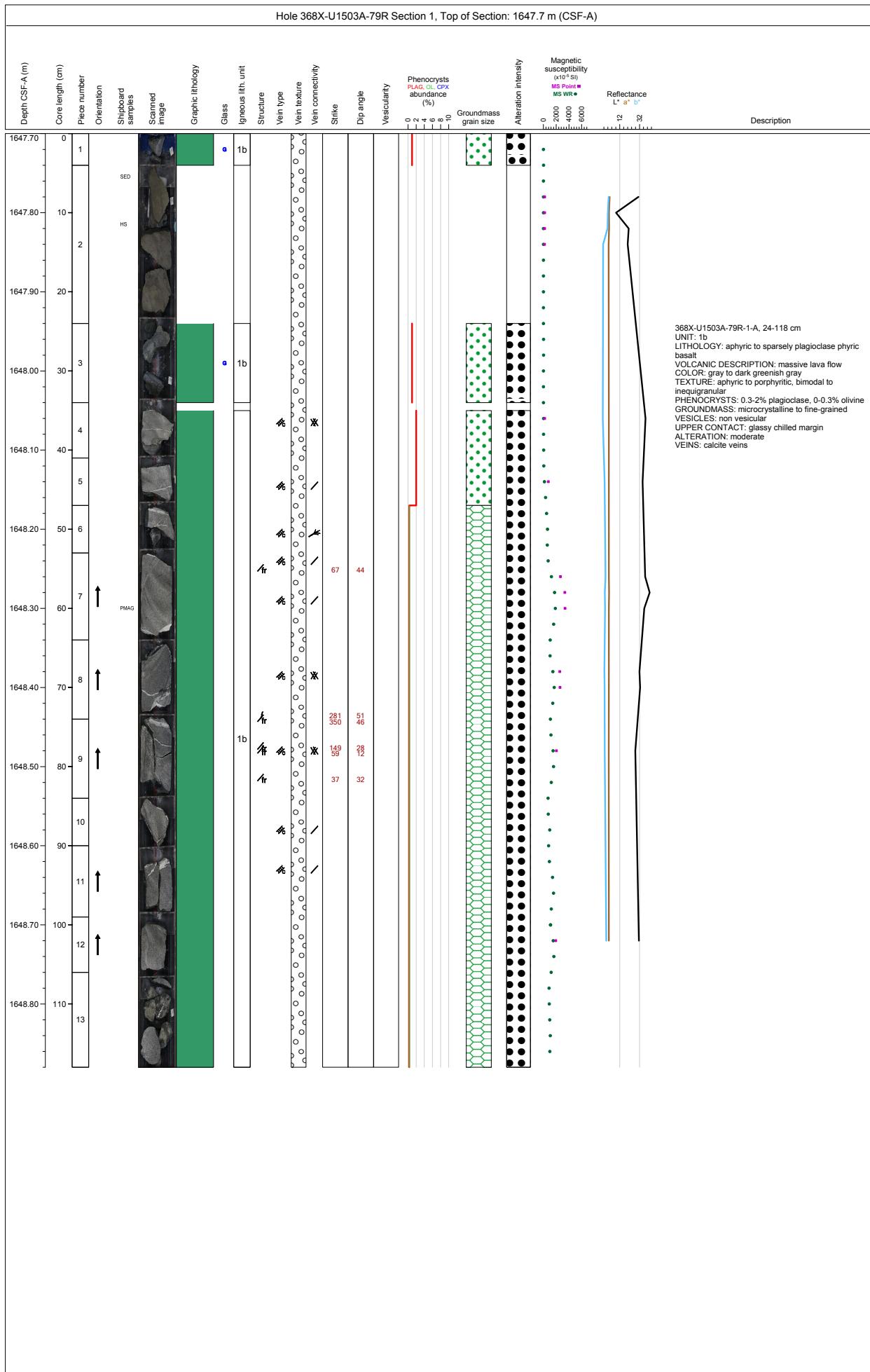


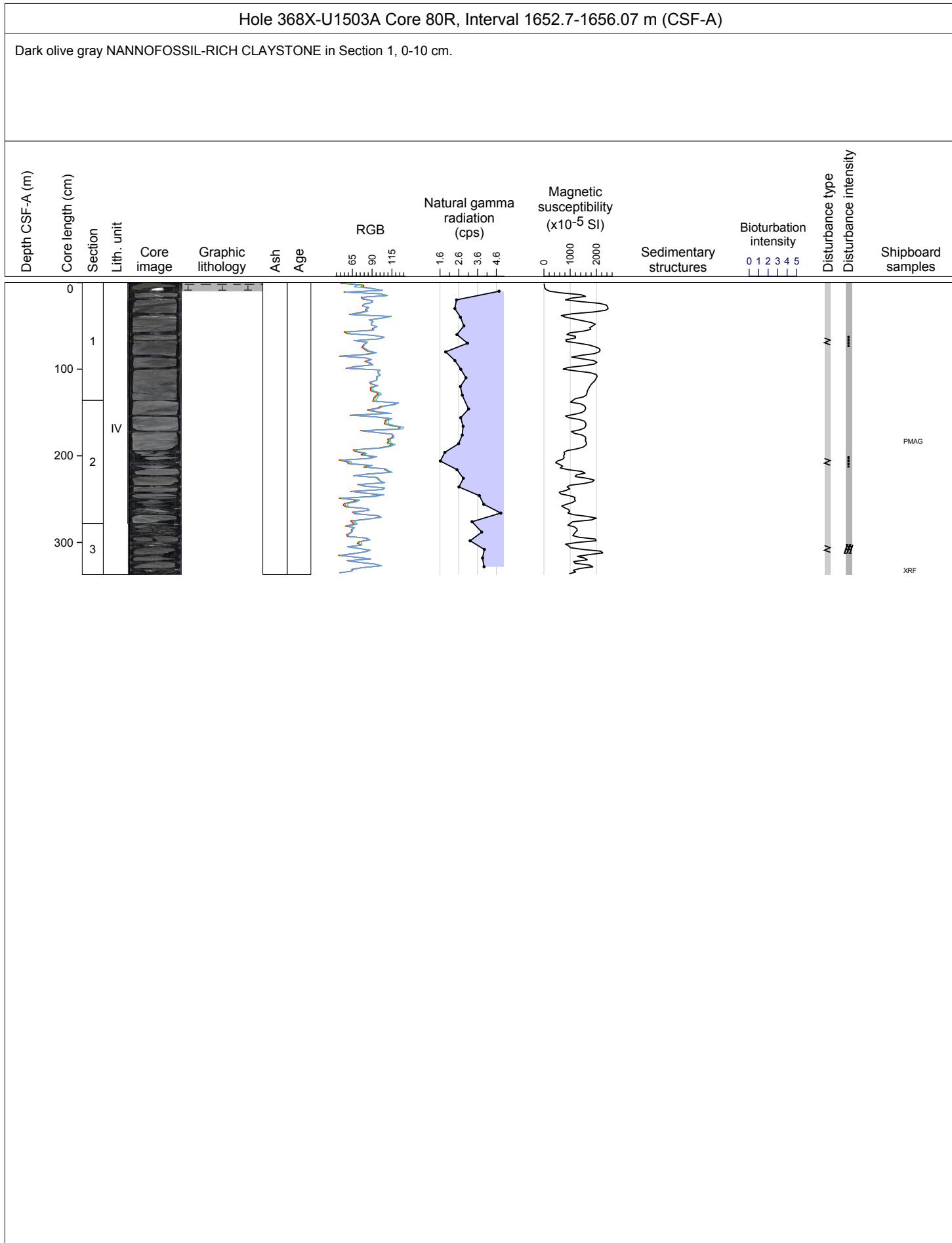


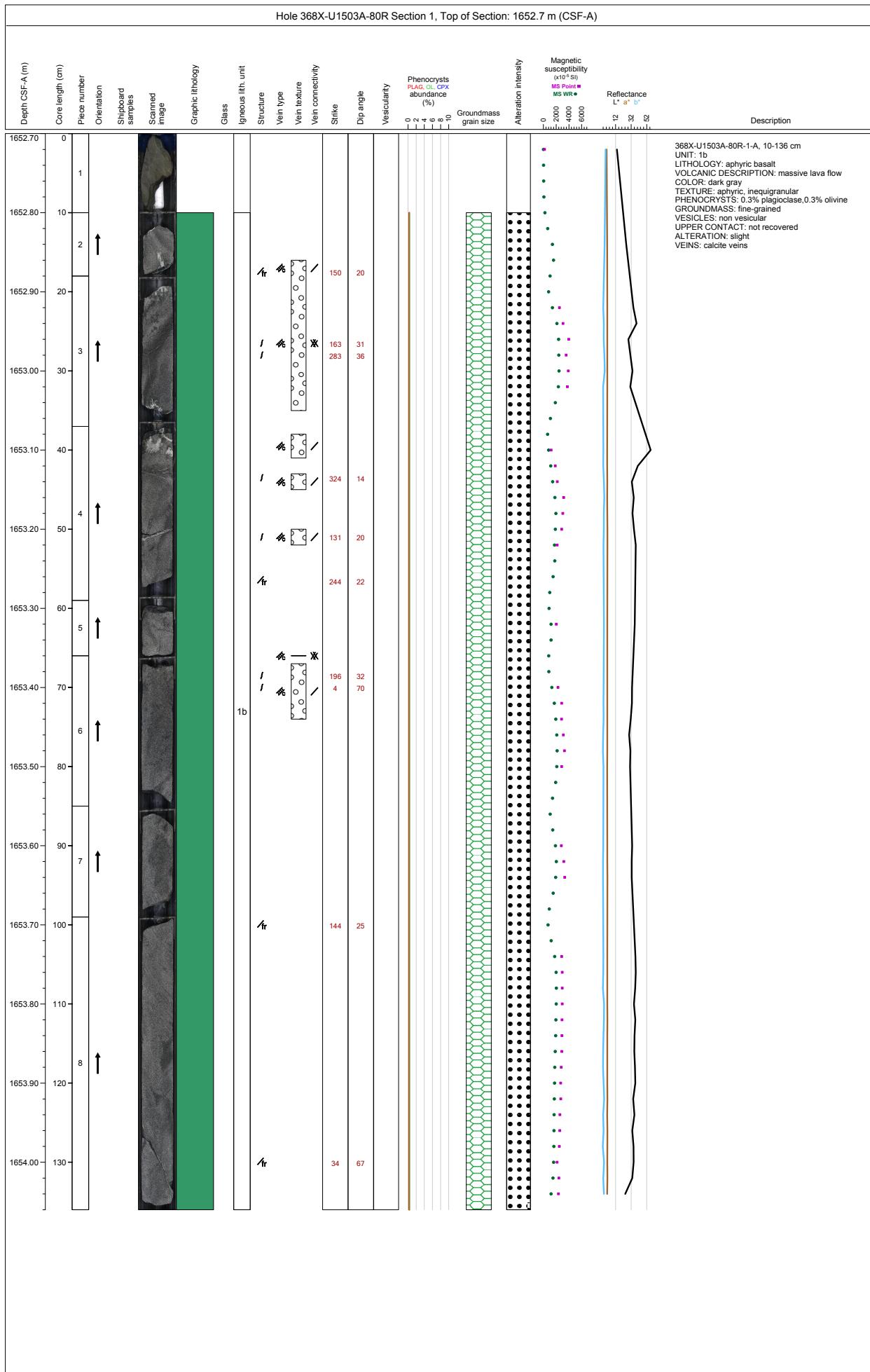


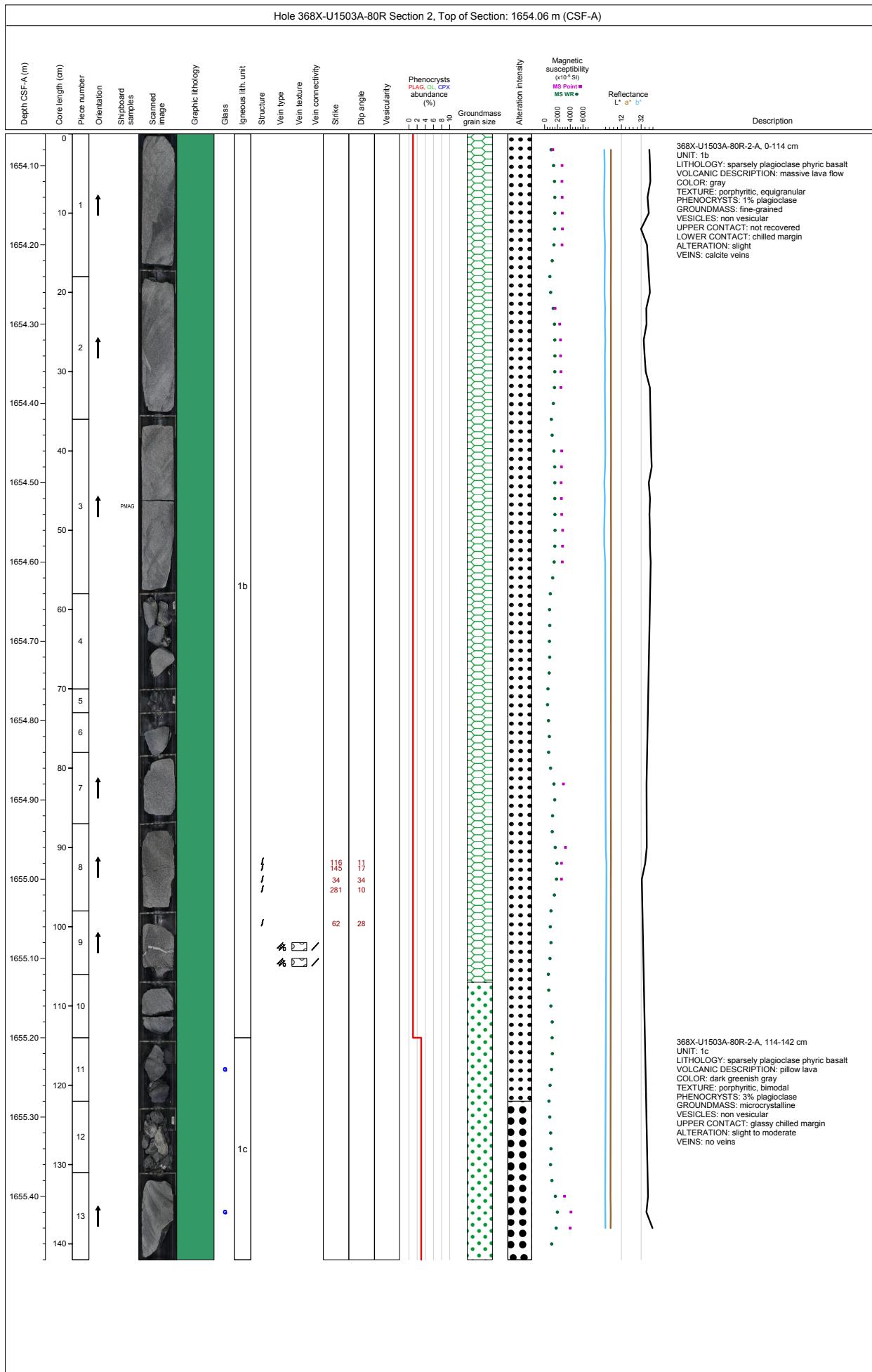


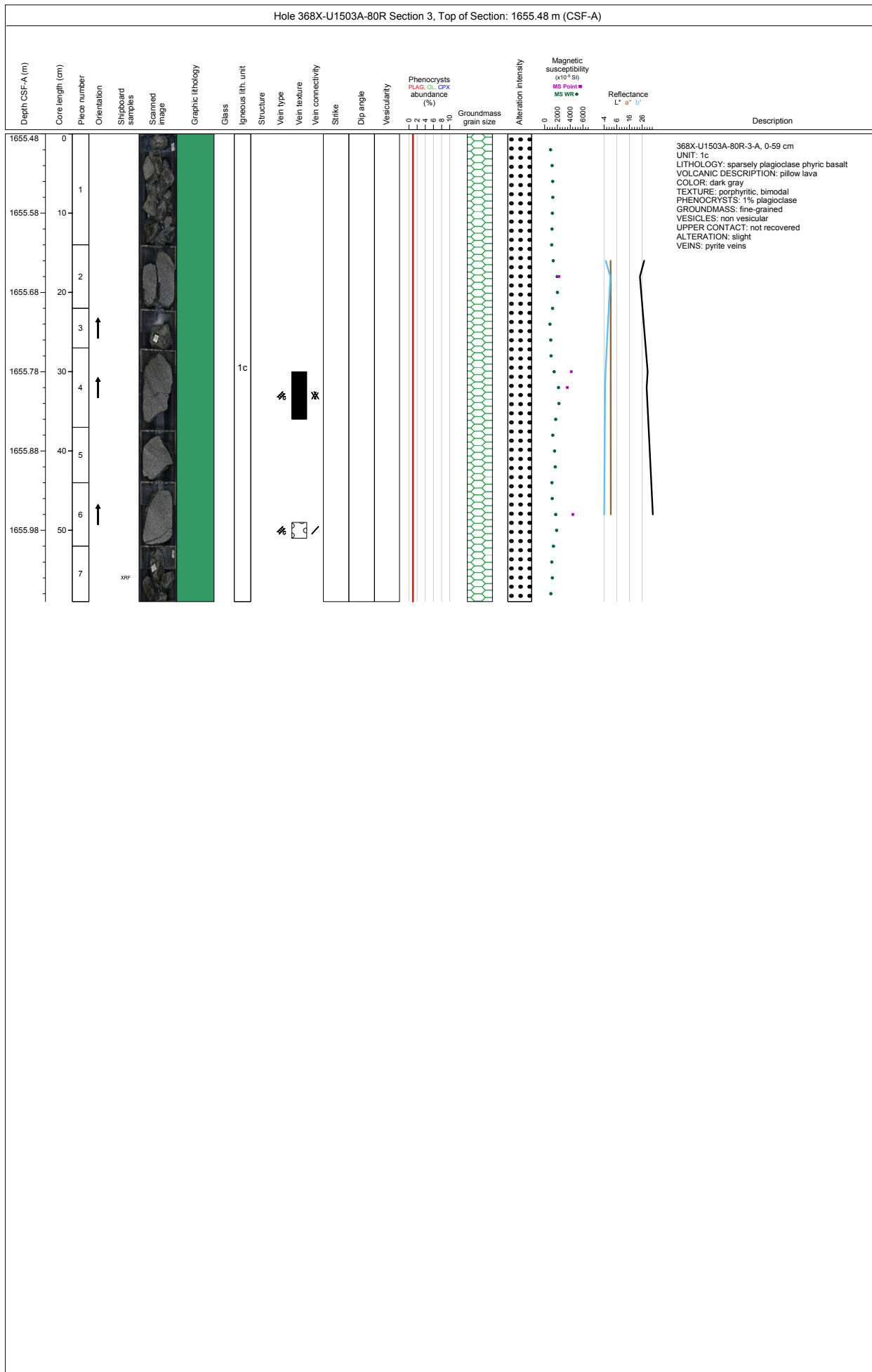


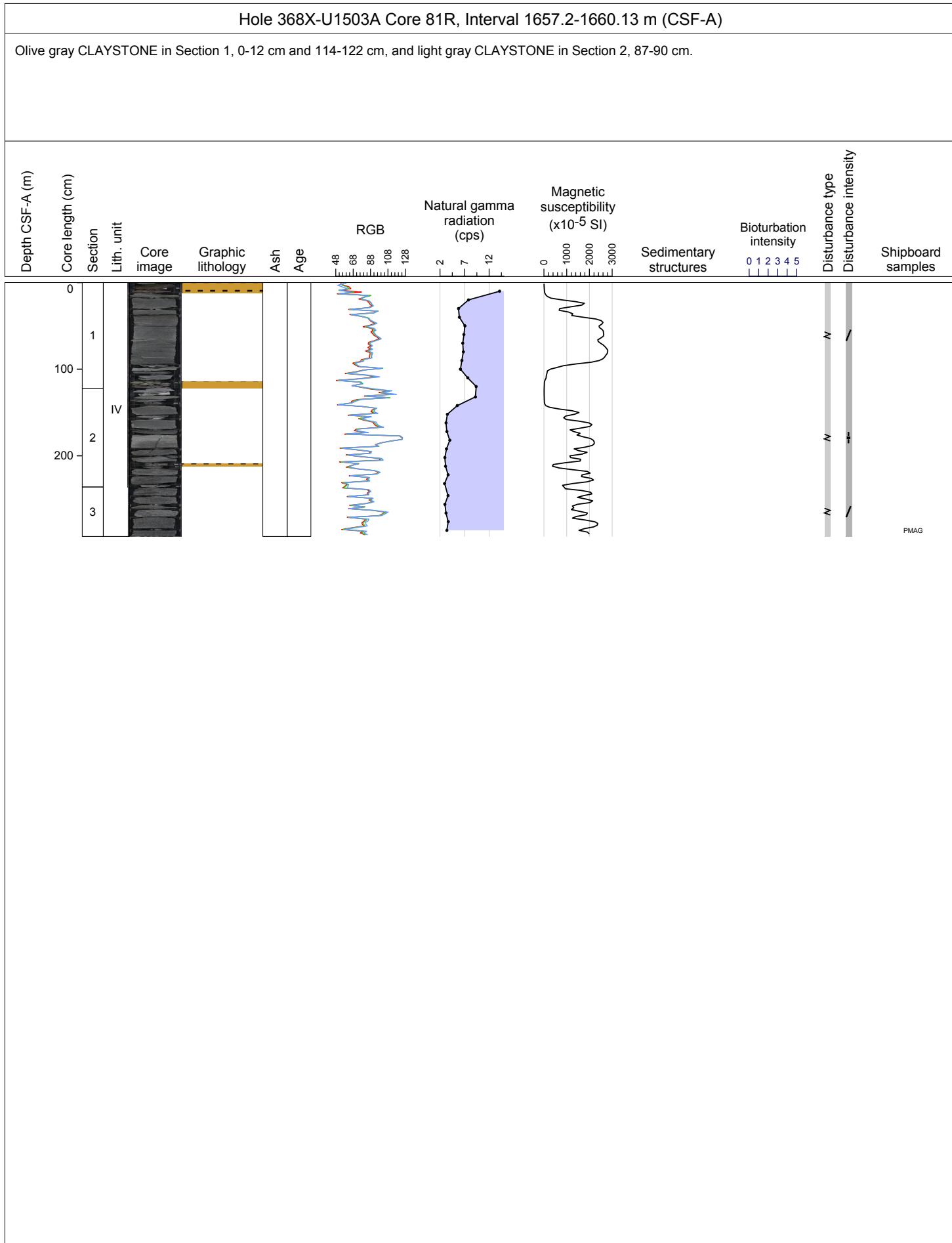


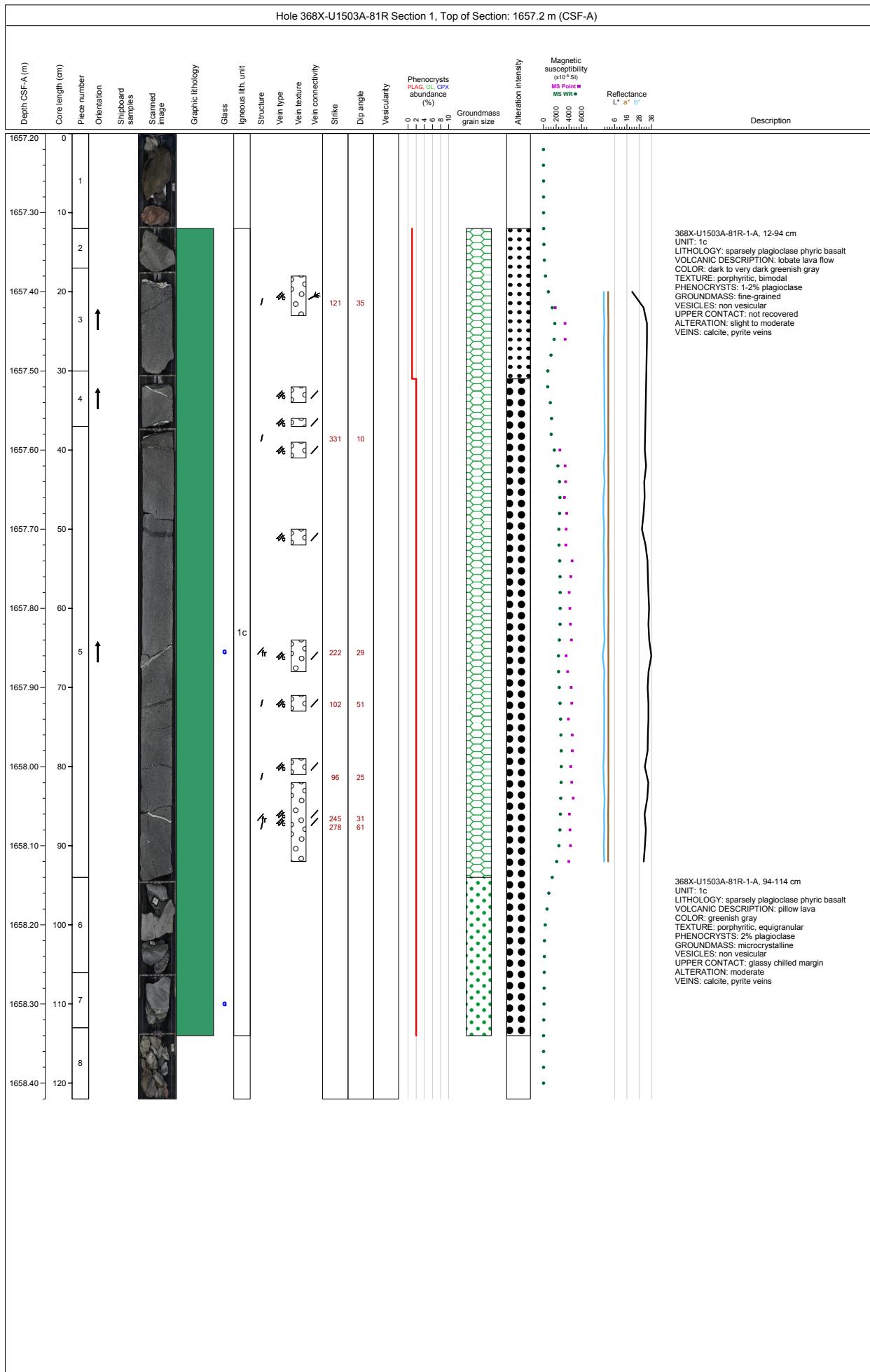


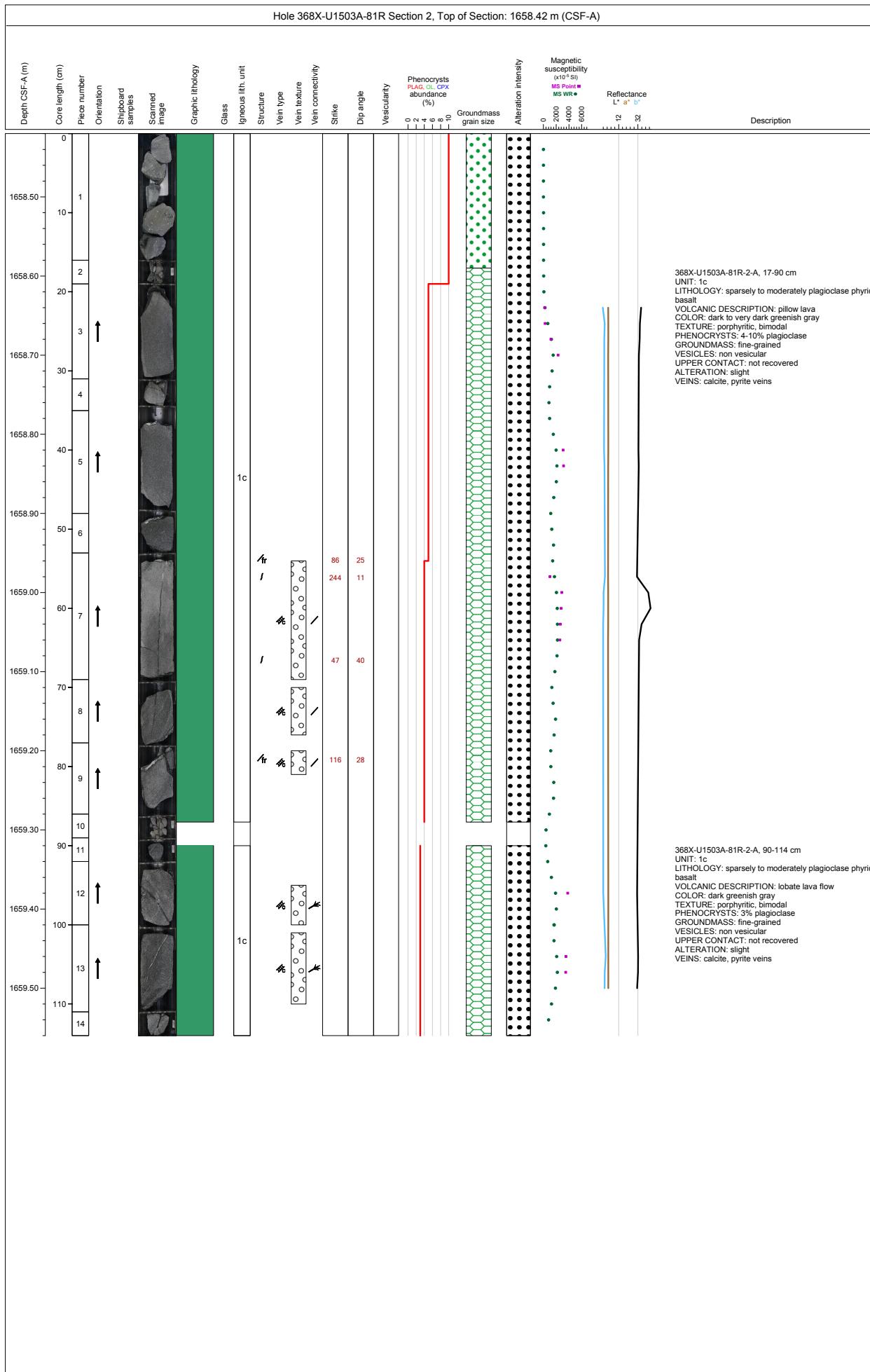


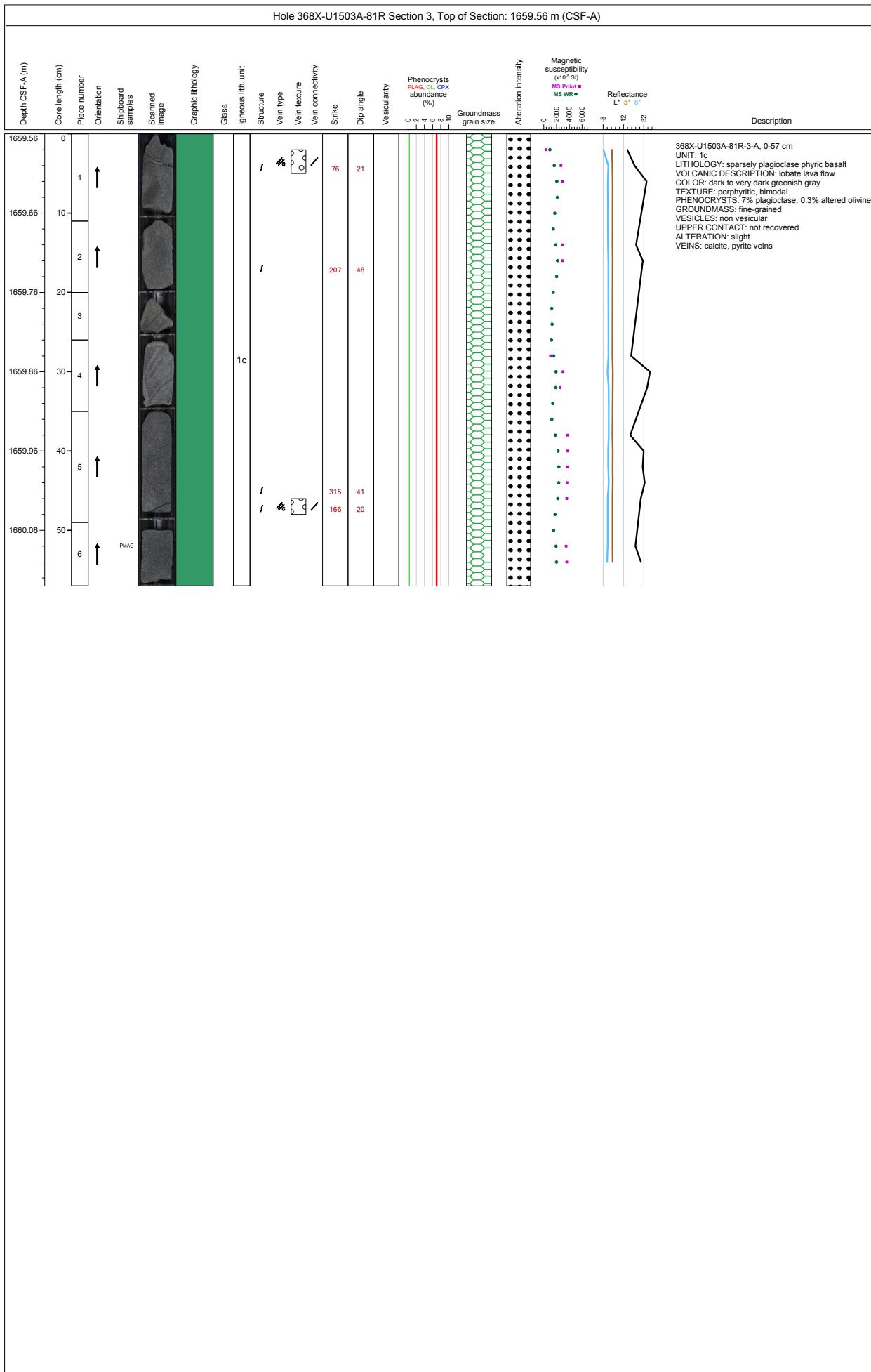






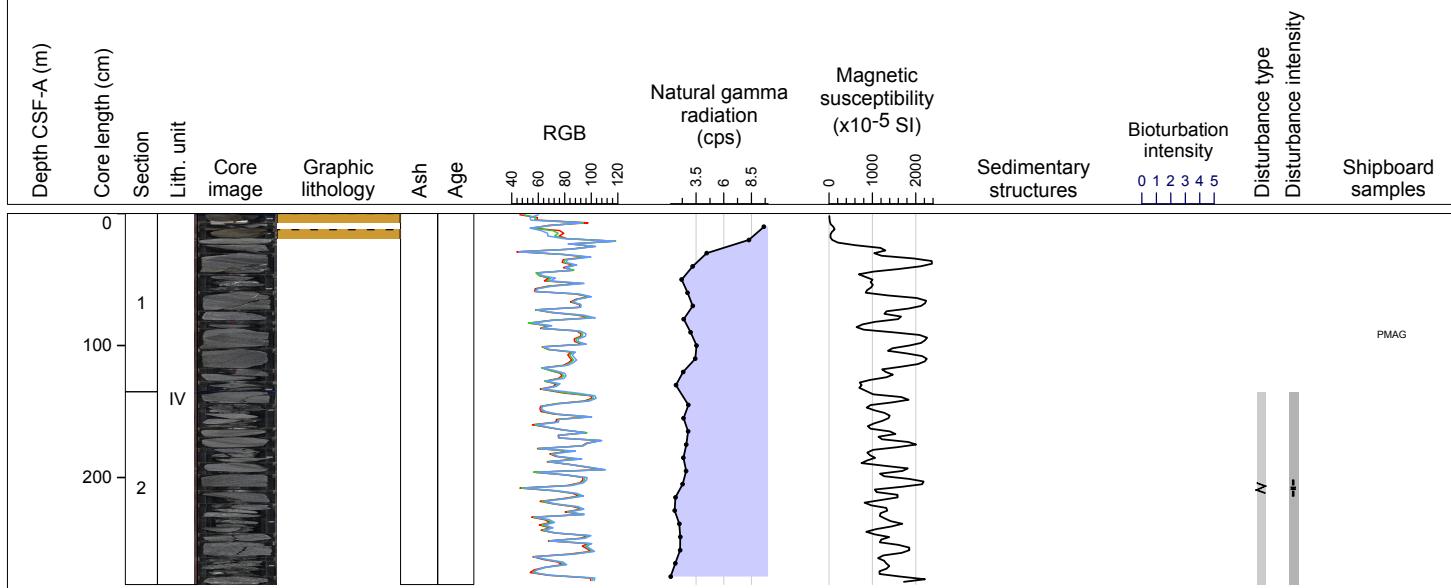


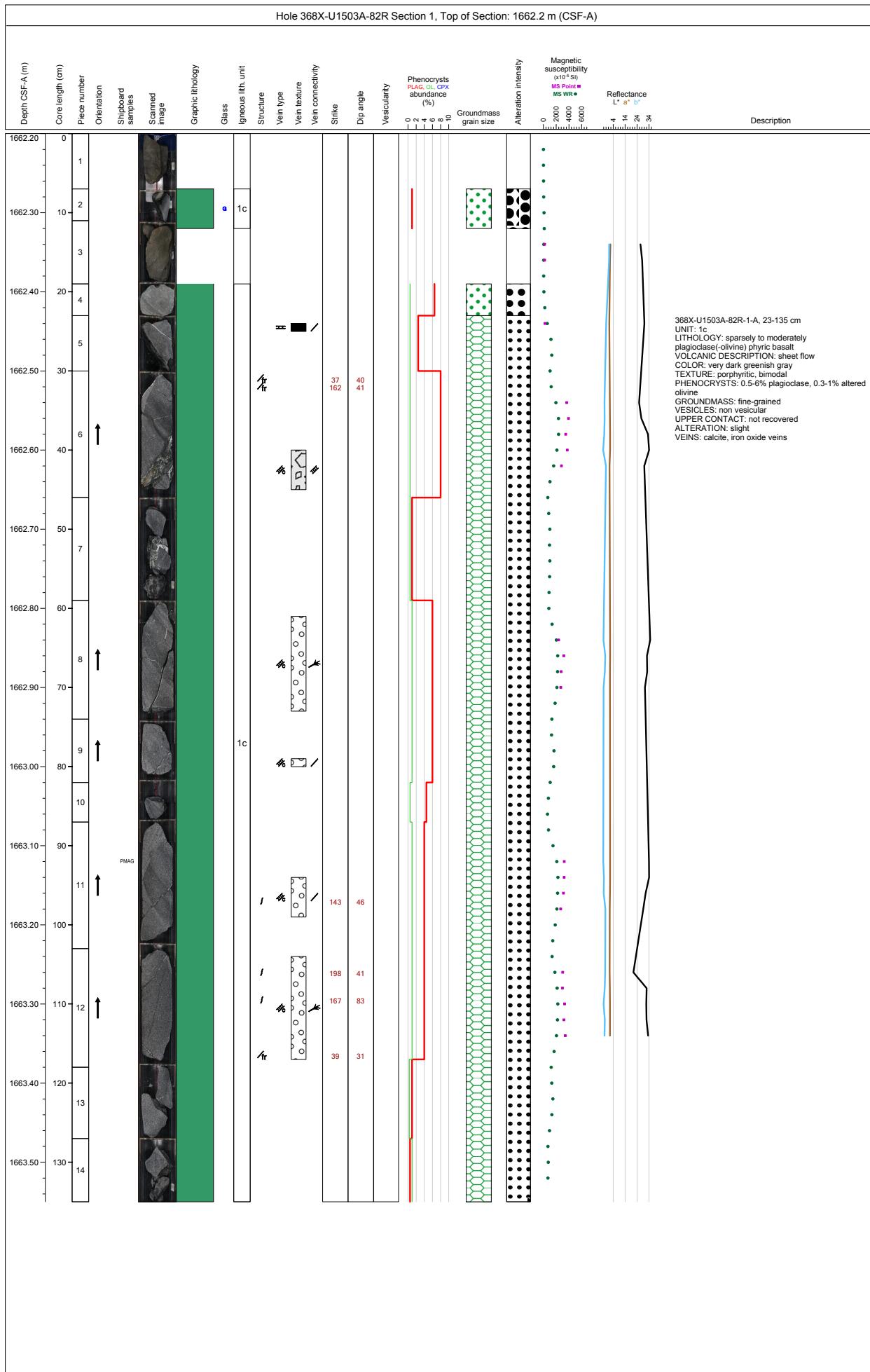


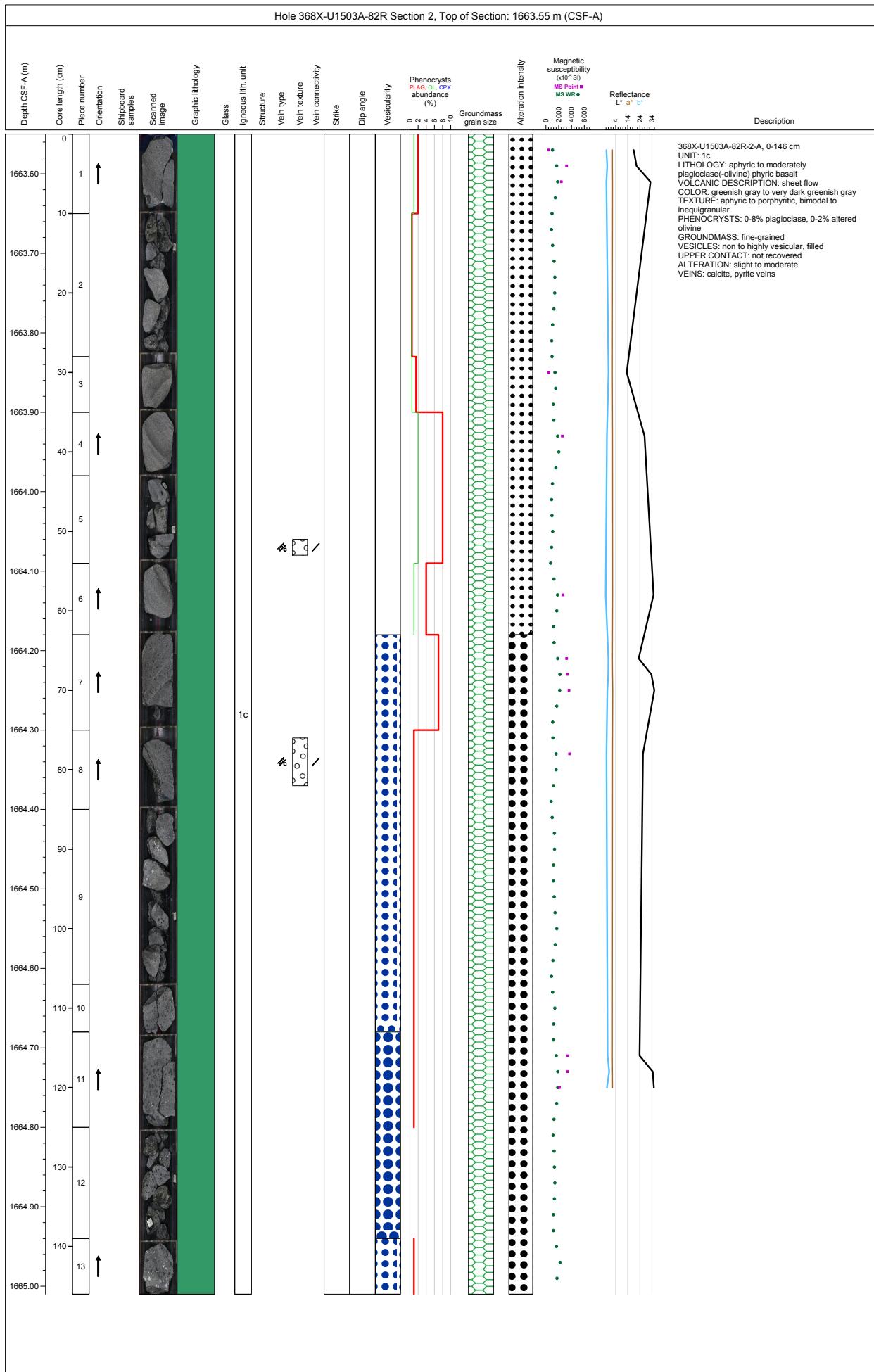


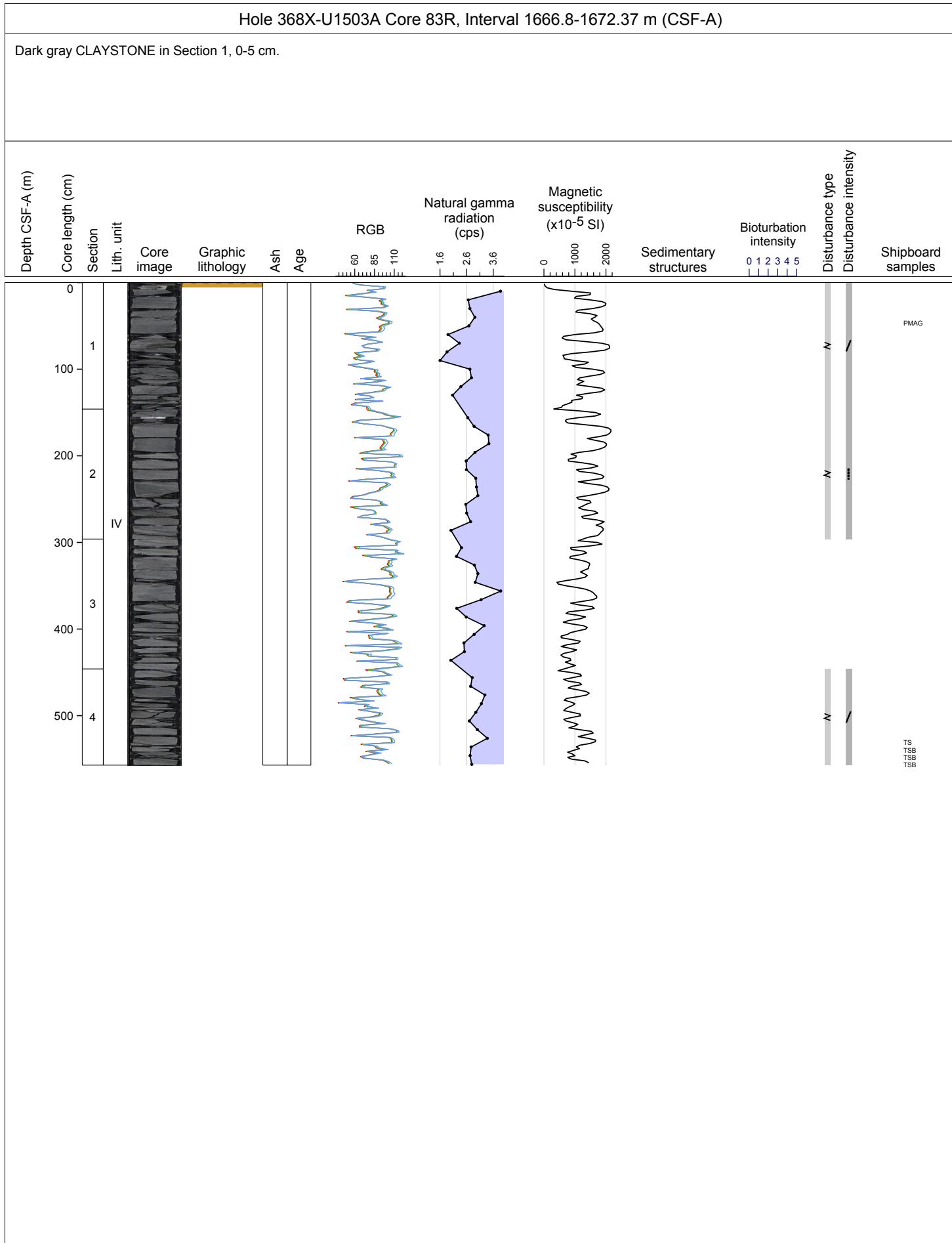
Hole 368X-U1503A Core 82R, Interval 1662.2-1665.01 m (CSF-A)

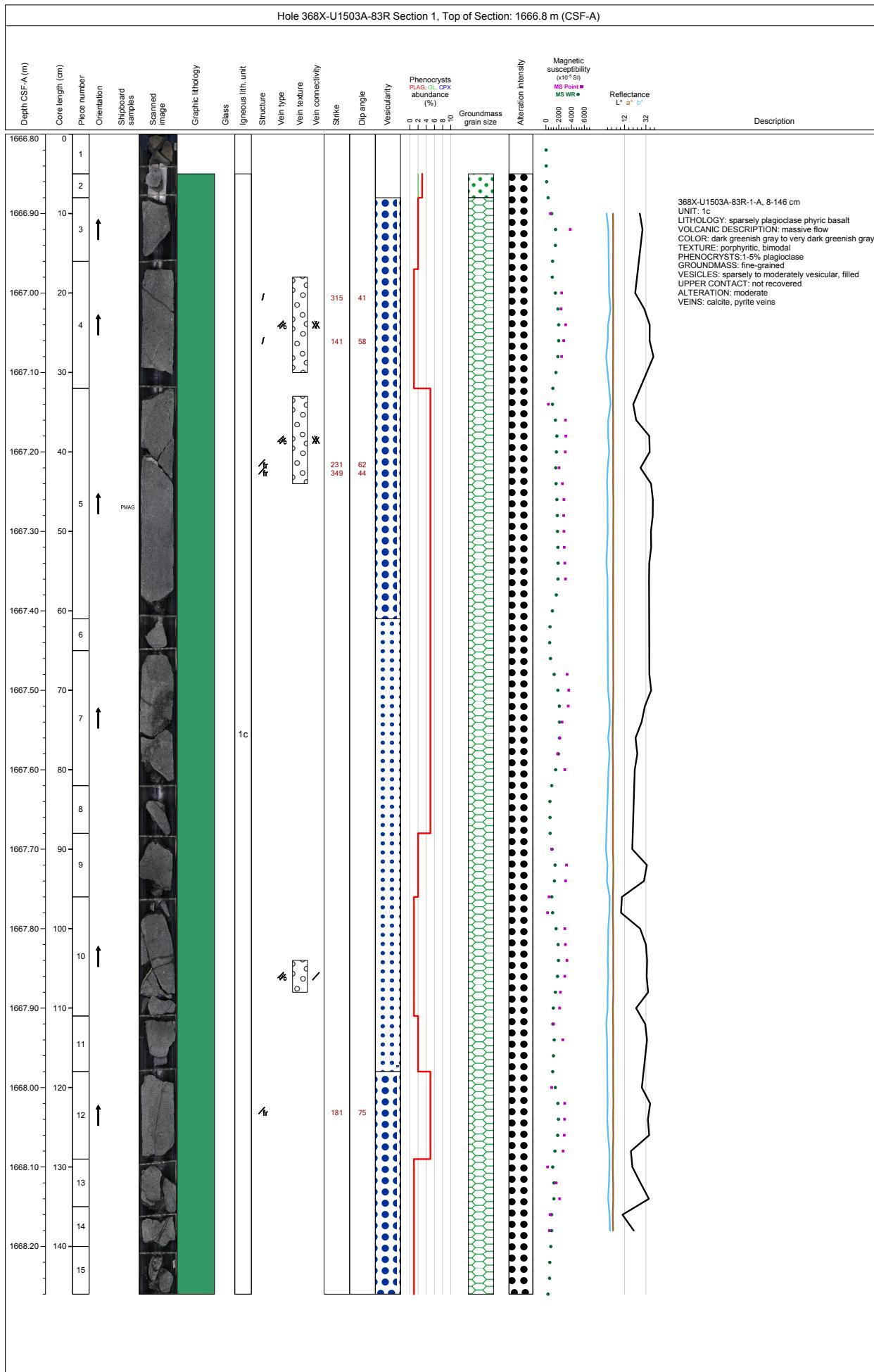
Light gray CLAYSTONE in Section 1, 0-7 cm and 12-19 cm.

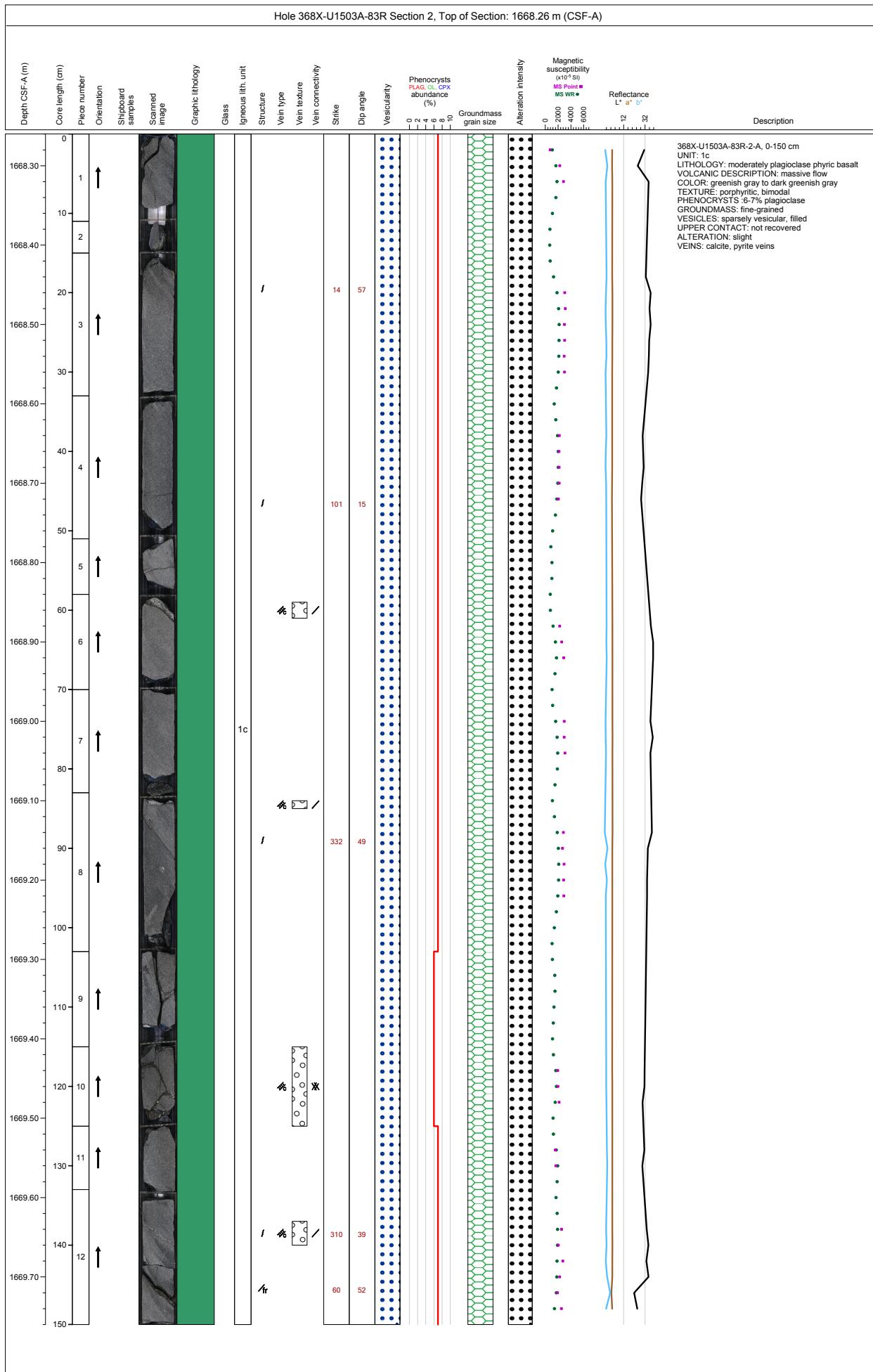


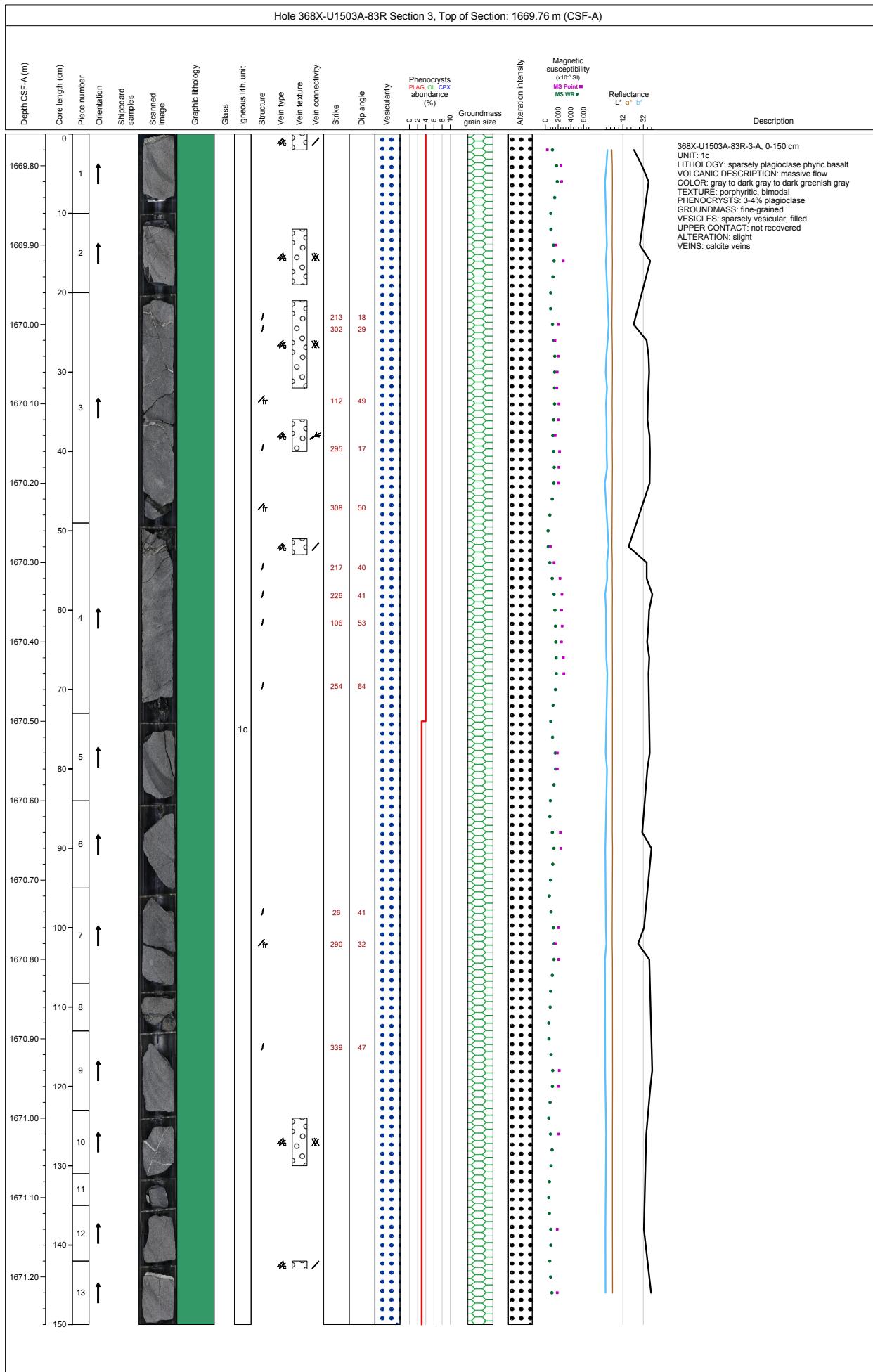


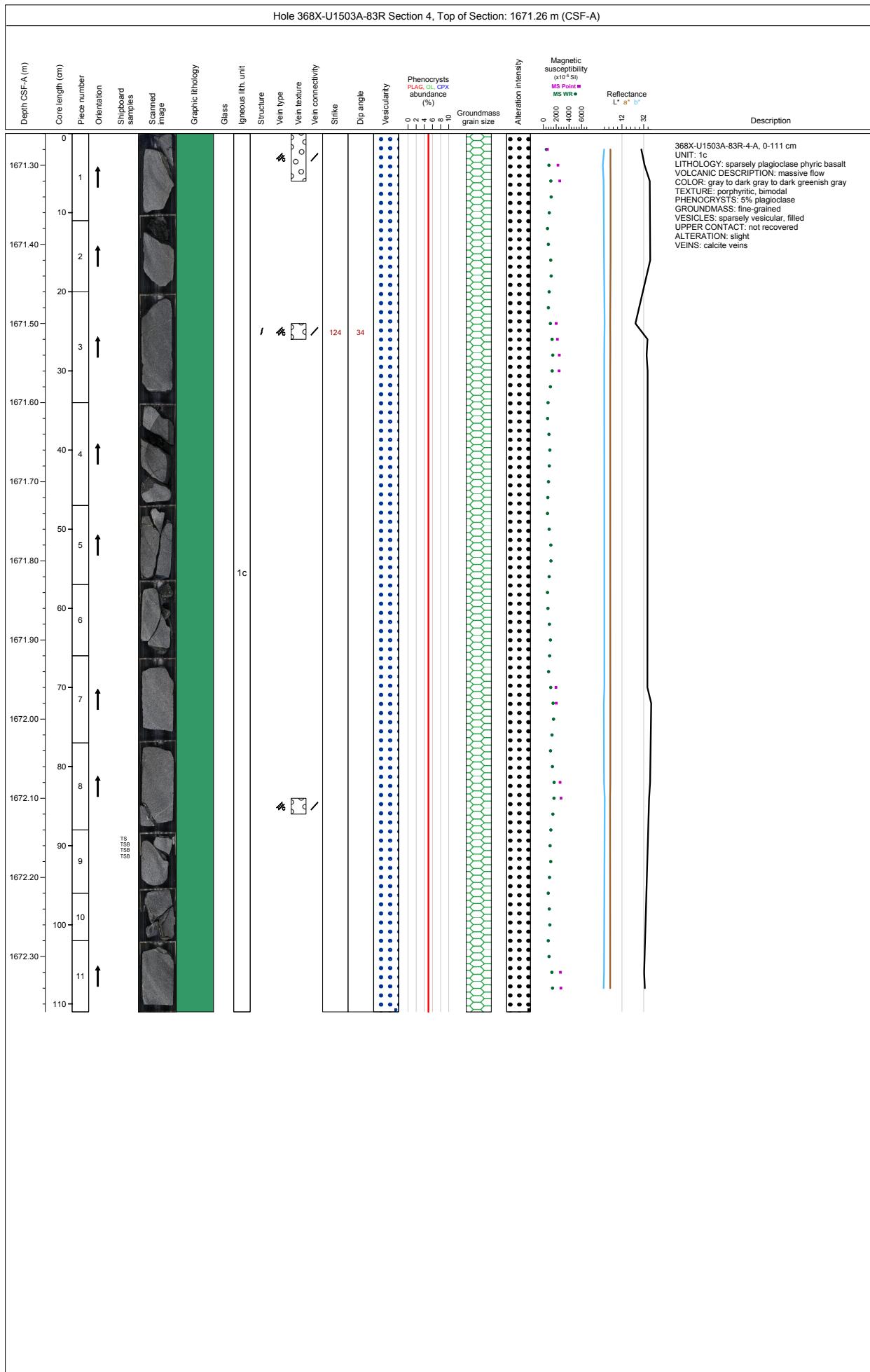


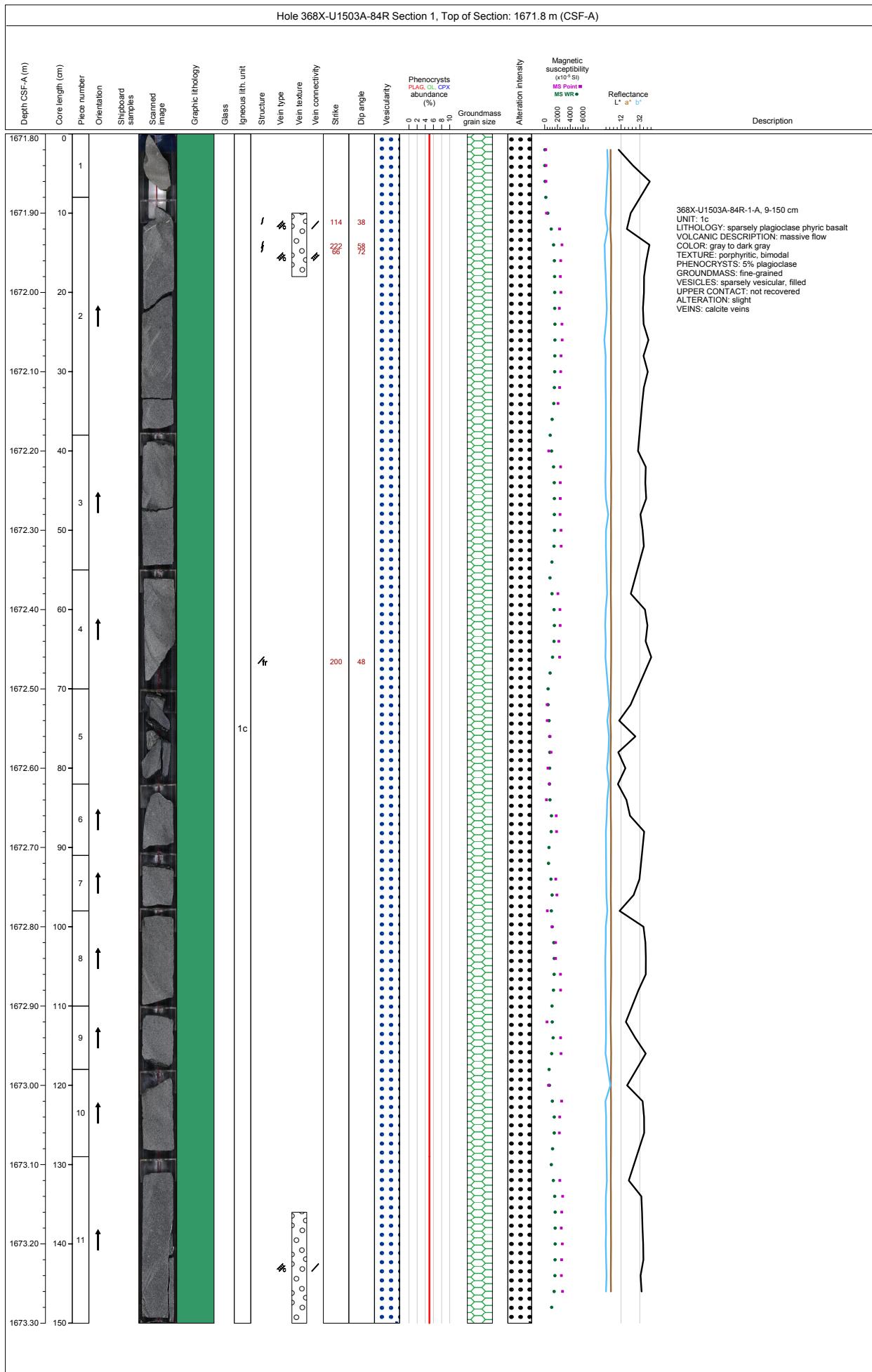












Site U1503 core descriptions

Visual core descriptions

