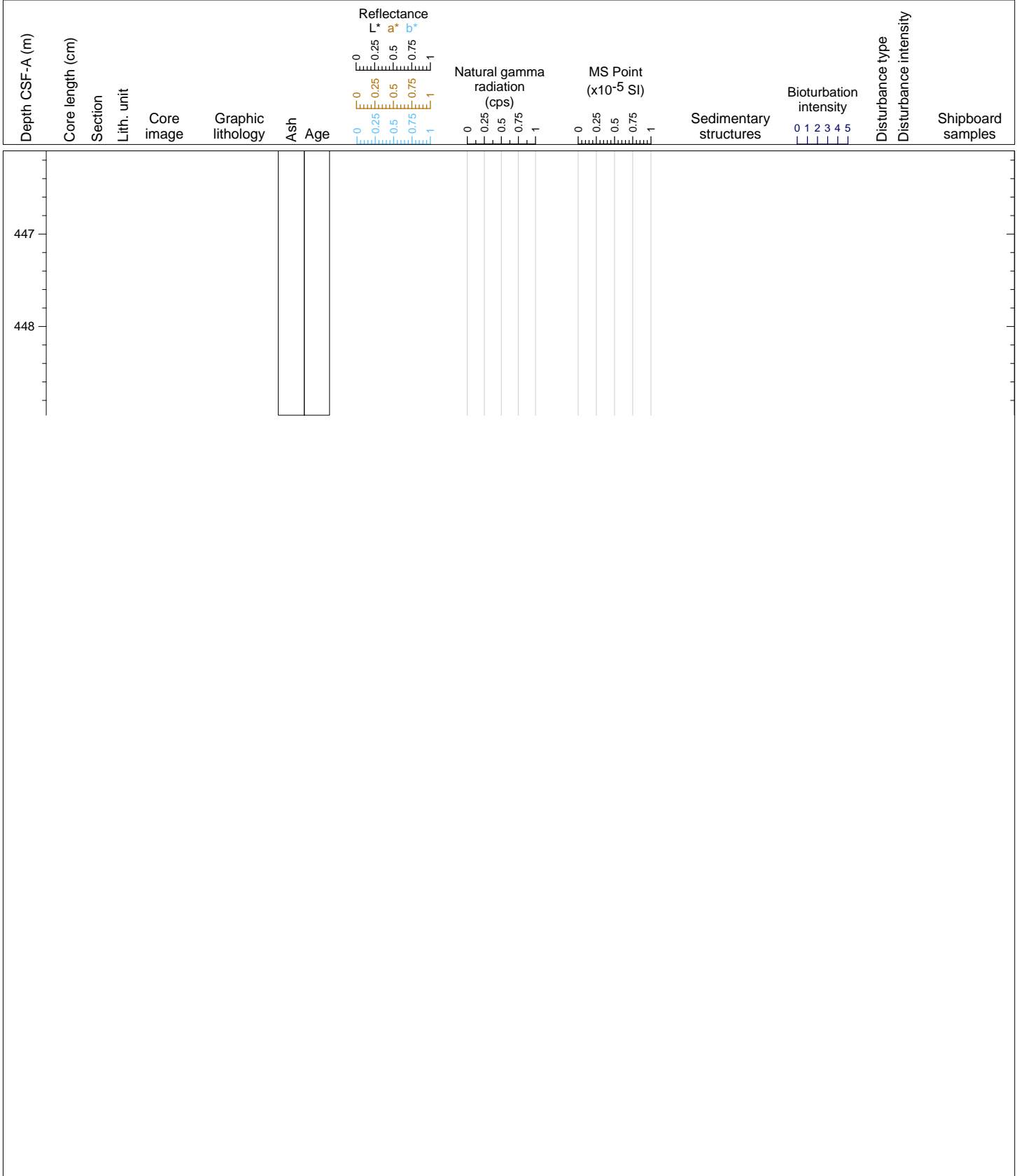


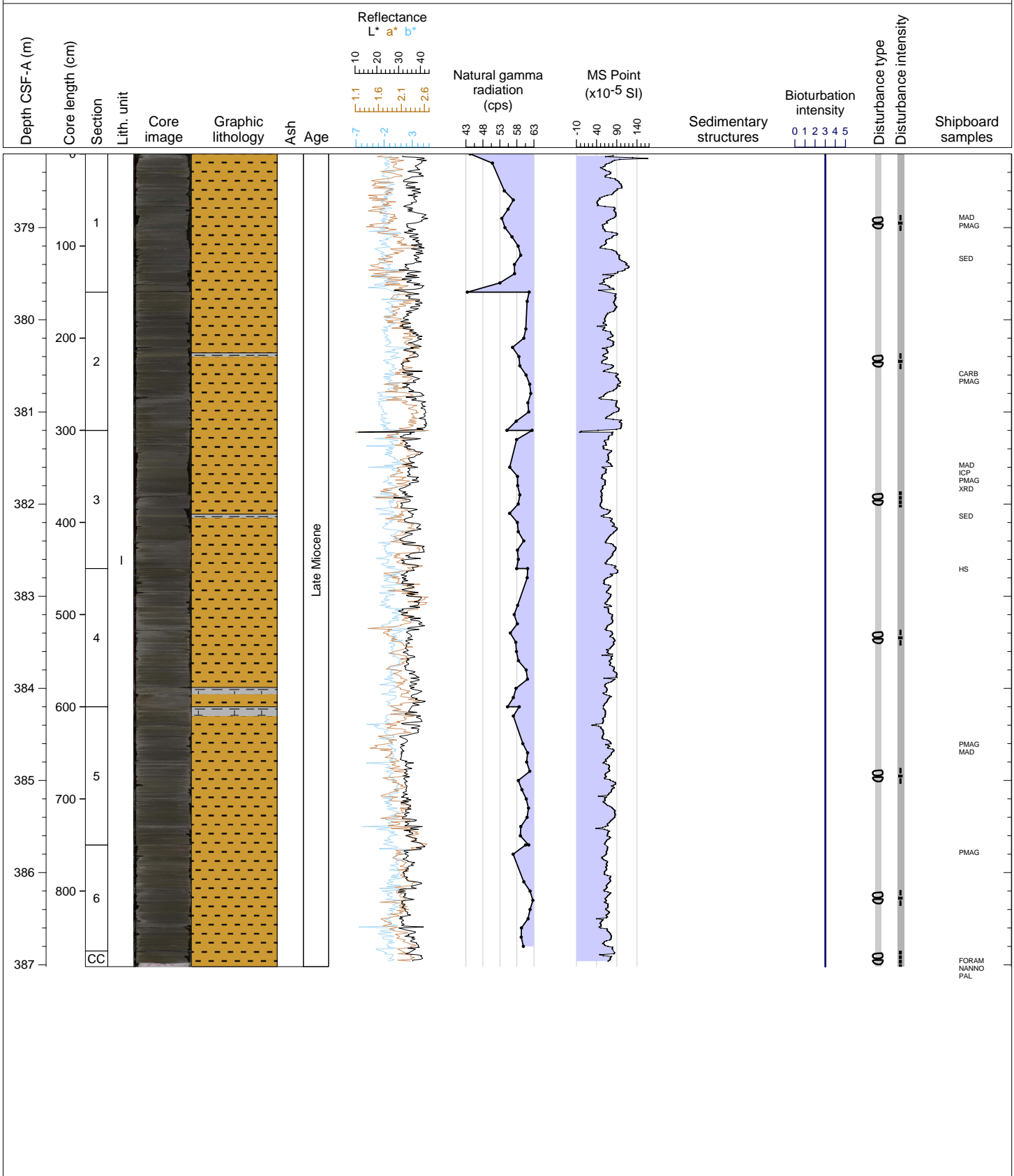
Hole 367-U1500A Core 11, Interval 0.0-0.0 m (CSF-A)

DRILLED INTERVAL



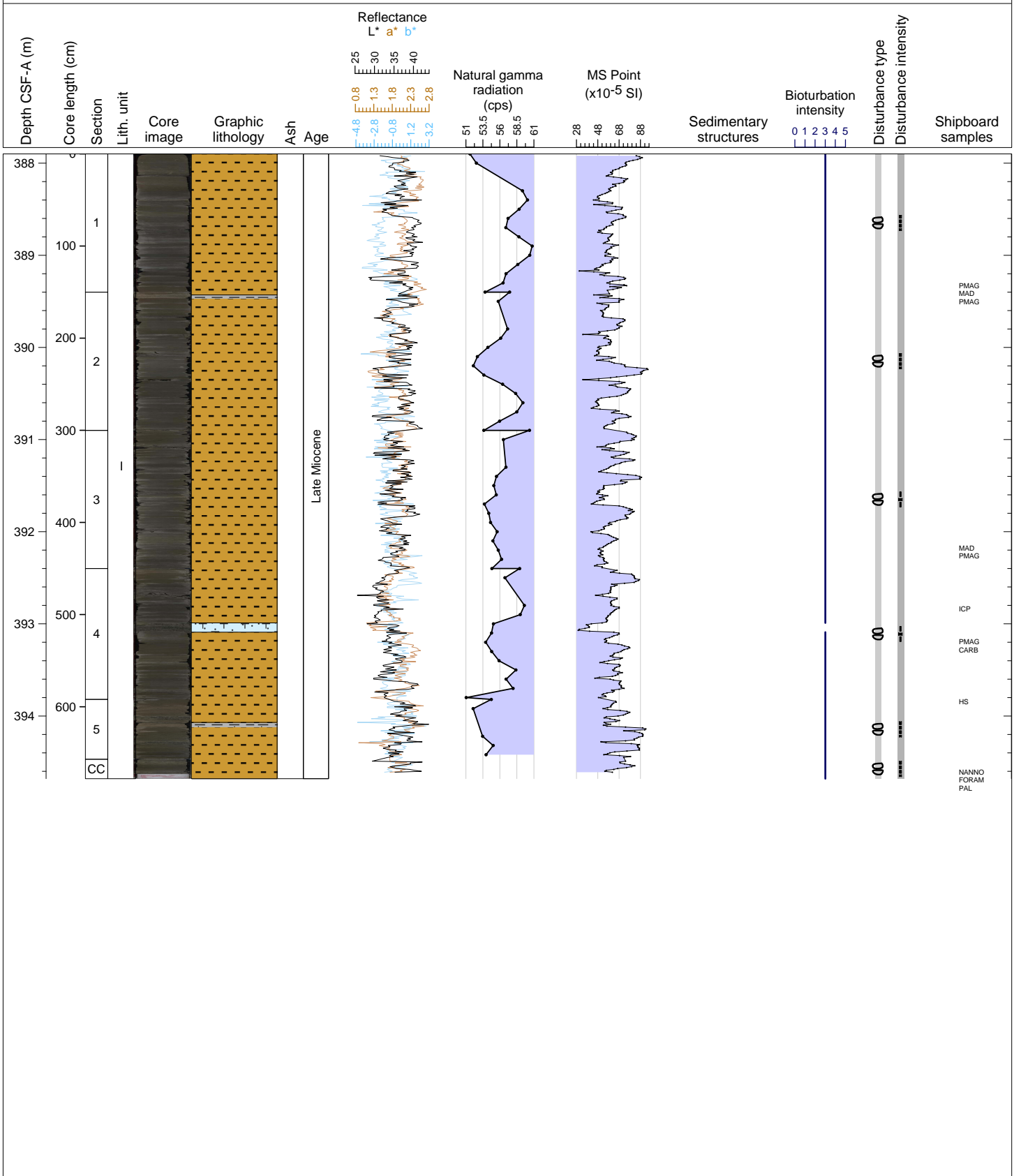
Hole 367-U1500A Core 2R, Interval 378.2-387.02 m (CSF-A)

Core U1500A 2R contains heavily bioturbated, dark greenish gray clay, with sparse greenish gray, nannofossil-rich clay interbeds.



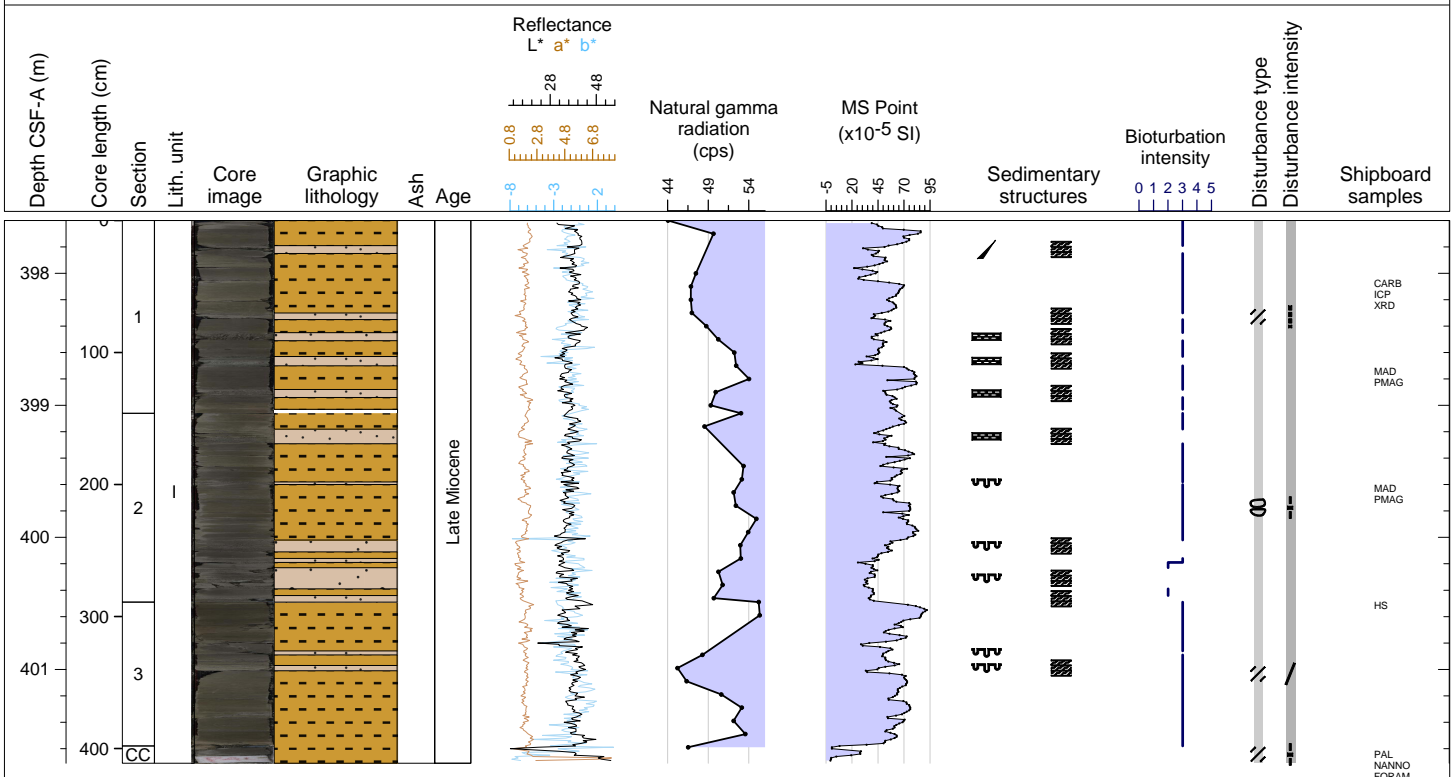
Hole 367-U1500A Core 3R, Interval 387.9-394.68 m (CSF-A)

Core U1500A 3R contains heavily bioturbated, dark greenish gray clay, with sparse greenish gray, nannofossil-rich clay interbeds. Section 4 contains a 10 cm interval of foraminiferal-rich sandy silt.



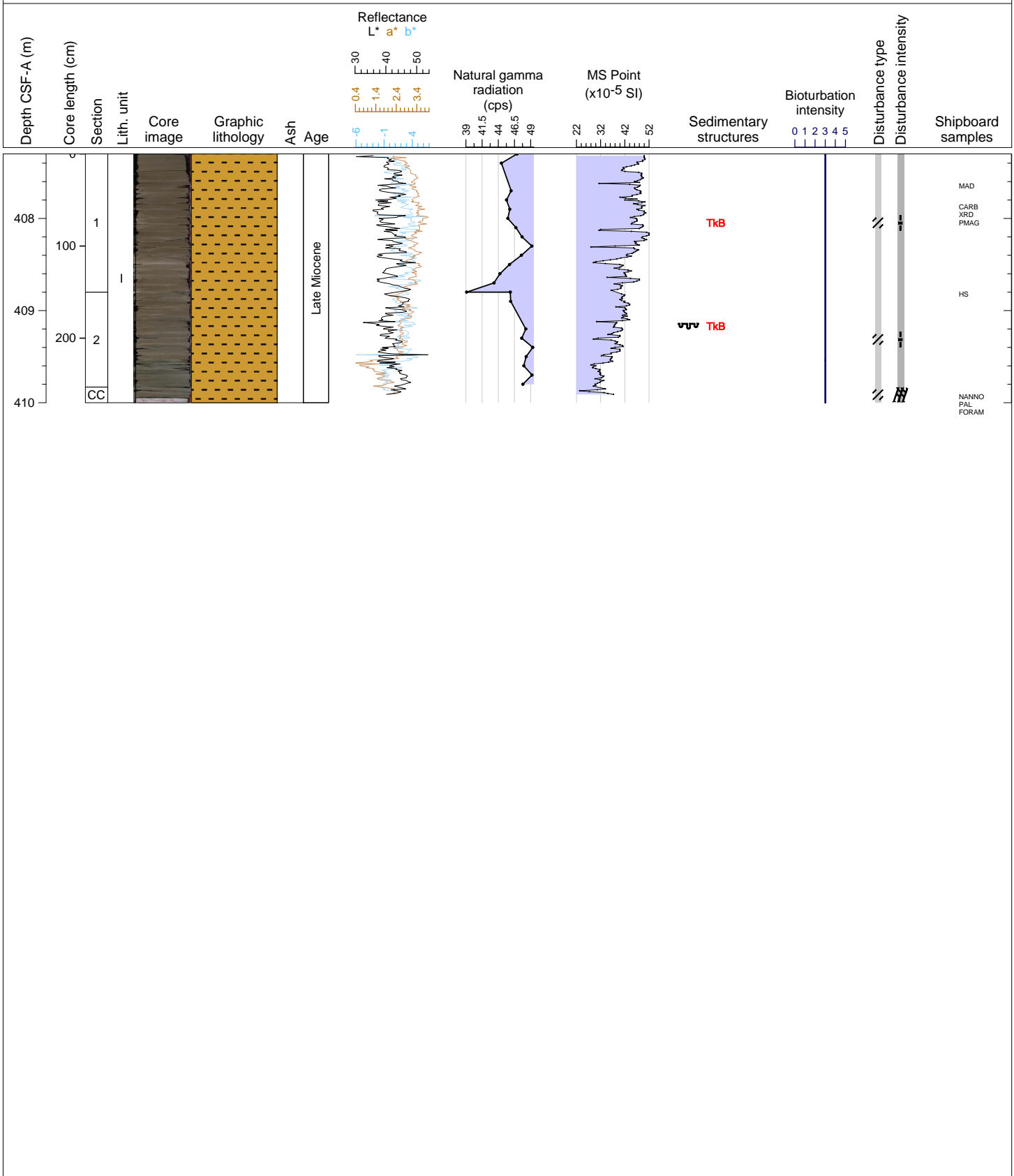
Hole 367-U1500A Core 4R, Interval 397.6-401.71 m (CSF-A)

Core U1500A 4R contains heavily bioturbated, dark greenish gray CLAY, with several thin greenish gray silt interbeds.



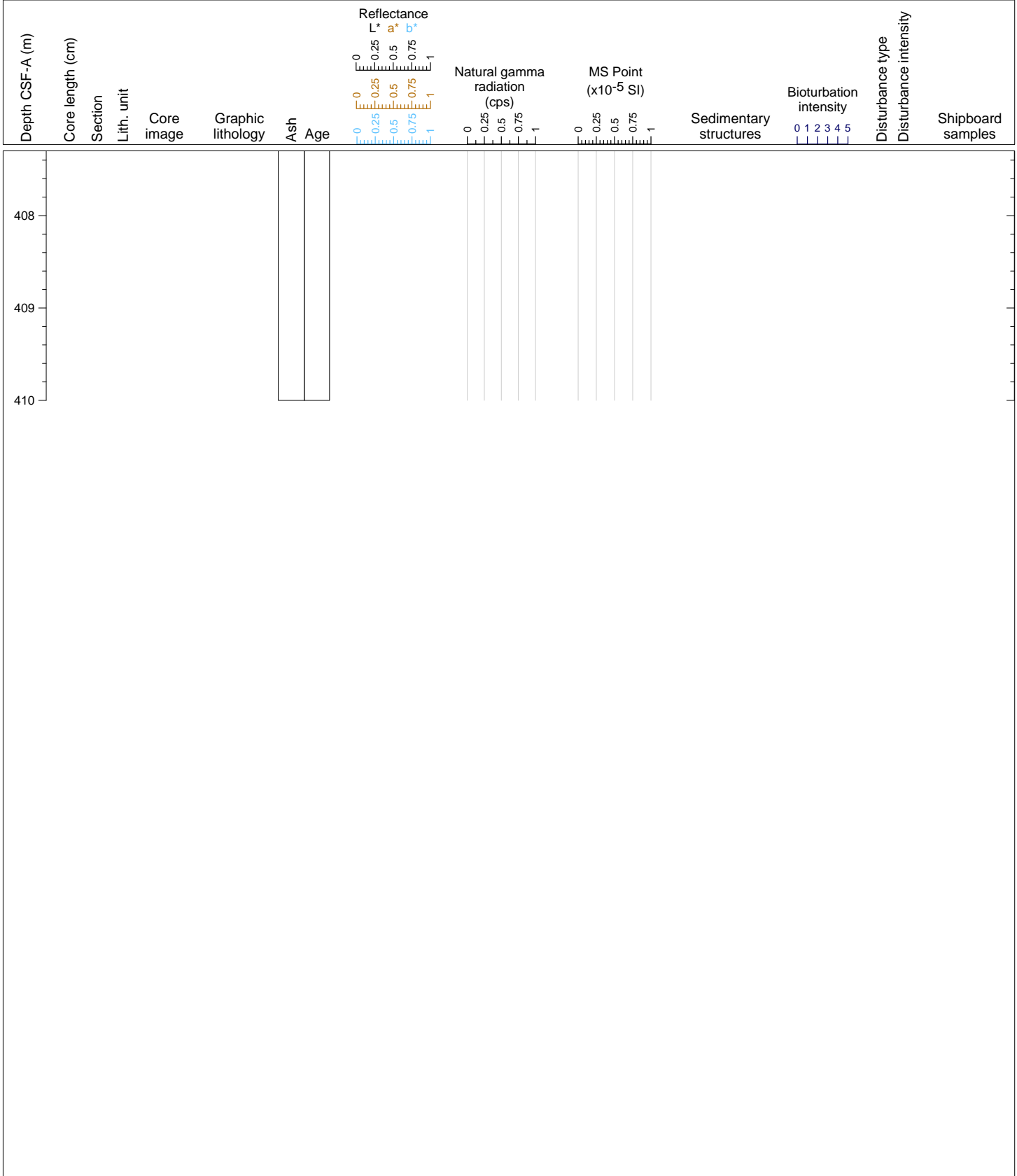
Hole 367-U1500A Core 5R, Interval 407.3-410.0 m (CSF-A)

Core U1500A 4R contains heavily bioturbated, grayish brown CLAY and greenish gray CLAY.



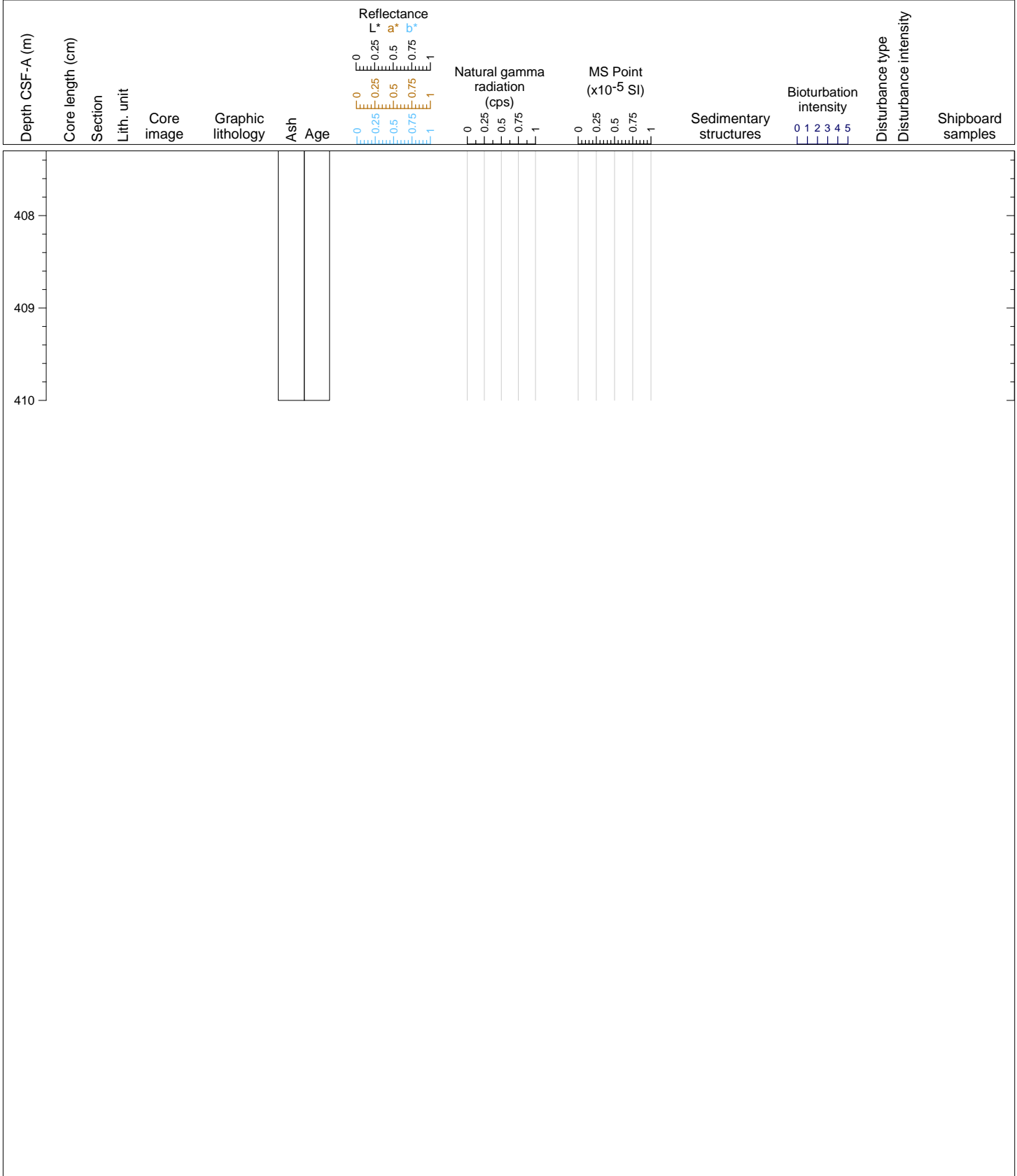
Hole 367-U1500A Core 6R, Interval 417.0-417.0 m (CSF-A)

NO RECOVERY



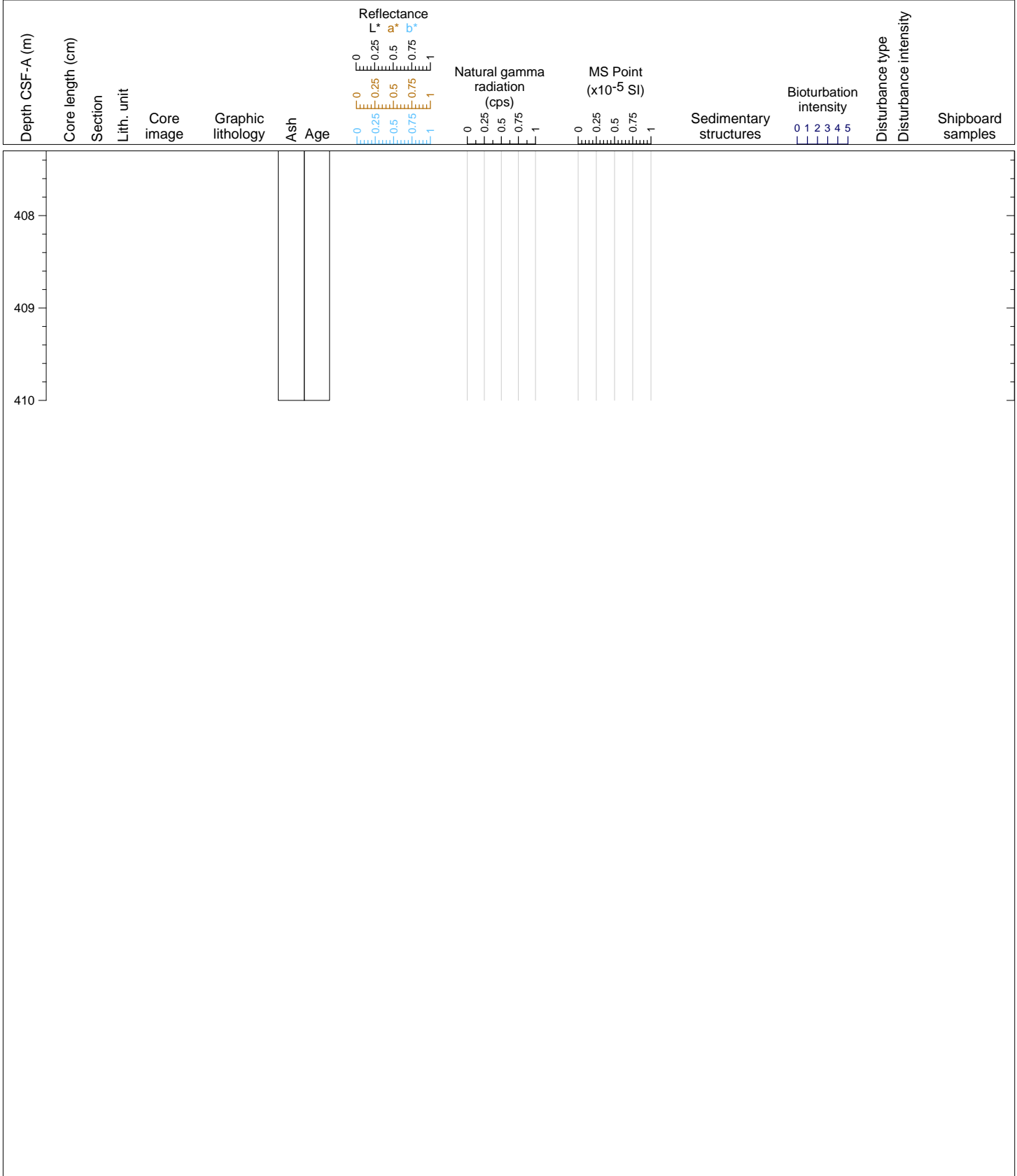
Hole 367-U1500A Core 7R, Interval 426.7-426.7 m (CSF-A)

NO RECOVERY



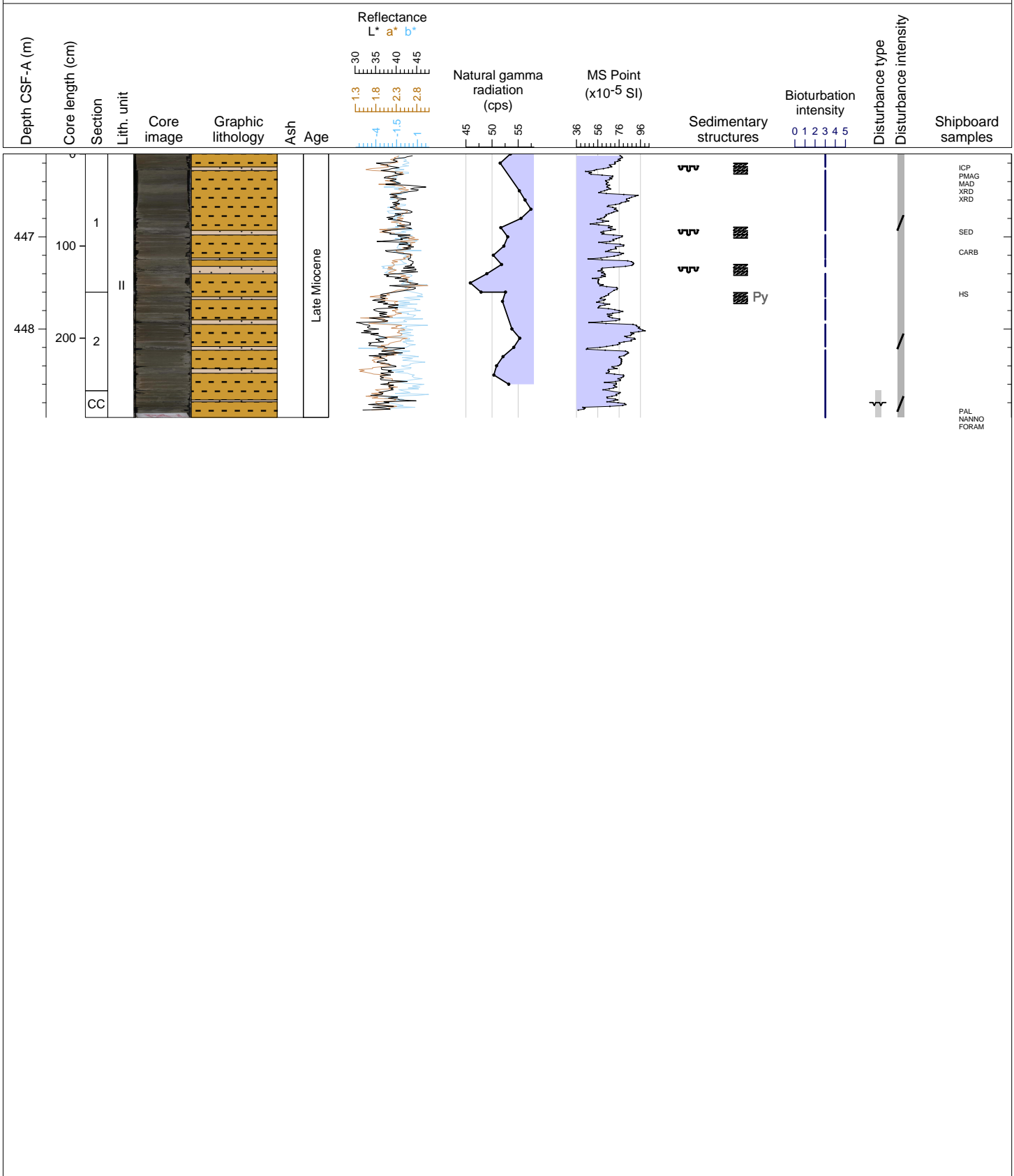
Hole 367-U1500A Core 8R, Interval 436.4-436.4 m (CSF-A)

NO RECOVERY



Hole 367-U1500A Core 9R, Interval 446.1-448.96 m (CSF-A)

Core U1500A 9R contains heavily bioturbated, dark greenish gray clay, with several thin clay interbeds.



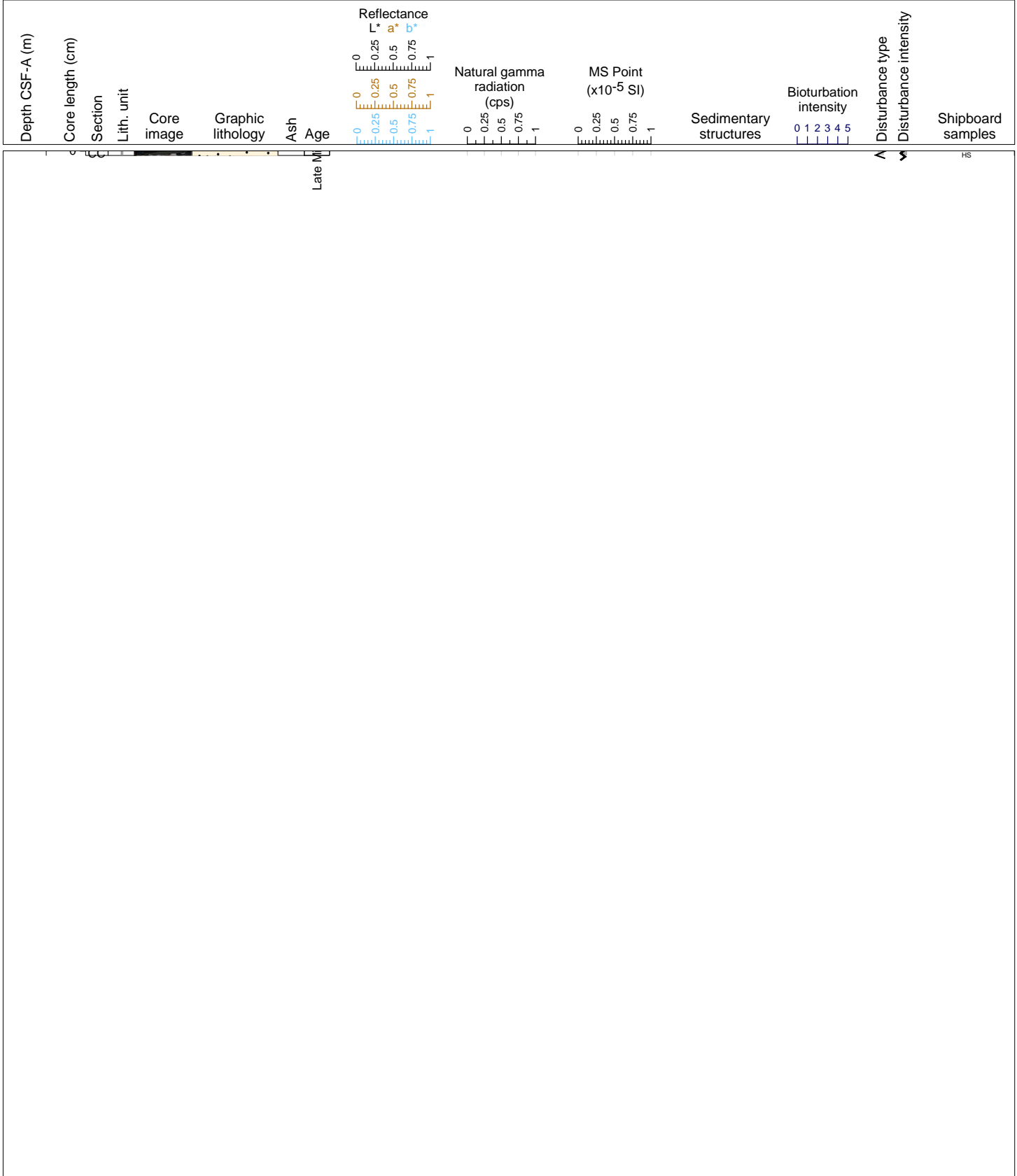
Hole 367-U1500A Core 10R, Interval 455.8-455.87 m (CSF-A)

ALL TO PAL

Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Core image	Graphic lithology	Ash	Age	Reflectance L* a* b*	Natural gamma radiation (cps)	MS Point (x10 ⁻⁵ SI)	Sedimentary structures	Bioturbation intensity	Disturbance type	Disturbance intensity	Shipboard samples
							Late Mi								HS FORAM NANNO NANNO FORAM PAL

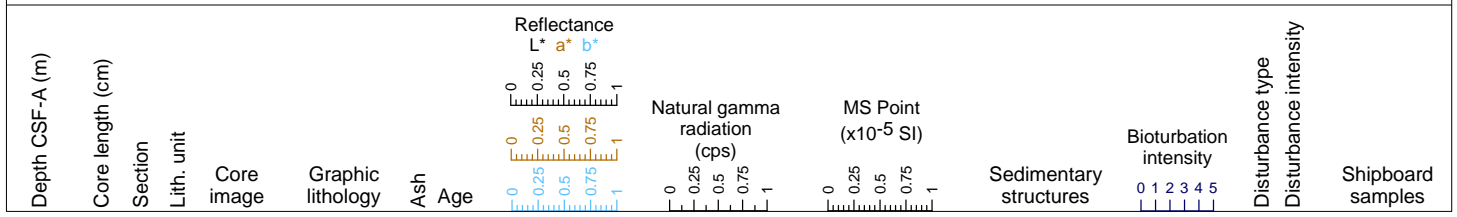
Hole 367-U1500A Core 11R, Interval 465.5-465.55 m (CSF-A)

Core U1500A 11R contains very dark greenish sandstone.



Hole 367-U1500A Core 12R, Interval 475.2-475.2 m (CSF-A)

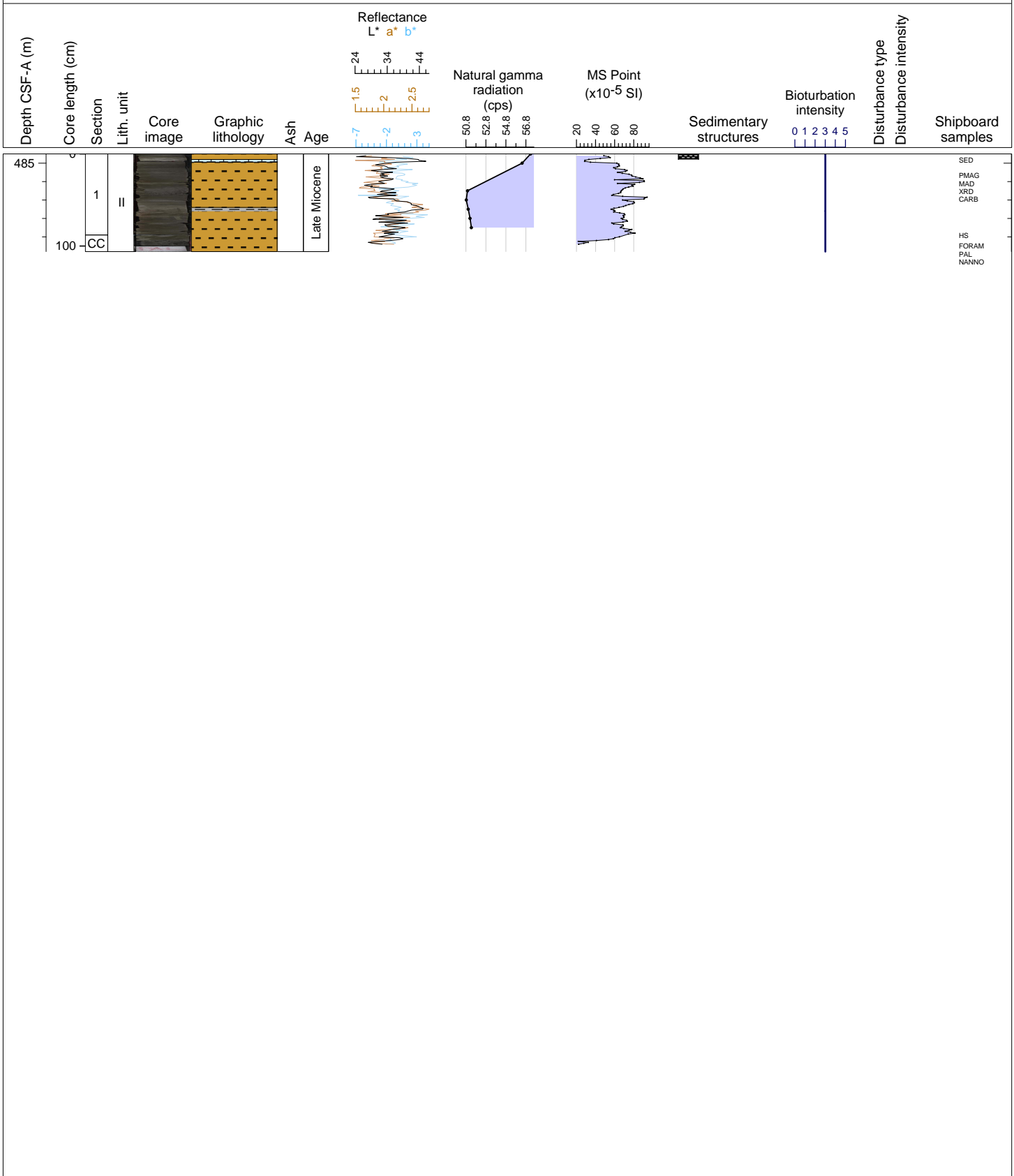
NO RECOVERY



Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Core image	Graphic lithology	Ash	Age	Reflectance L*	Reflectance a*	Reflectance b*	Natural gamma radiation (cps)	MS Point (x10 ⁻⁵ SI)	Sedimentary structures	Bioturbation intensity	Disturbance type	Disturbance intensity	Shipboard samples
NO RECOVERY																	

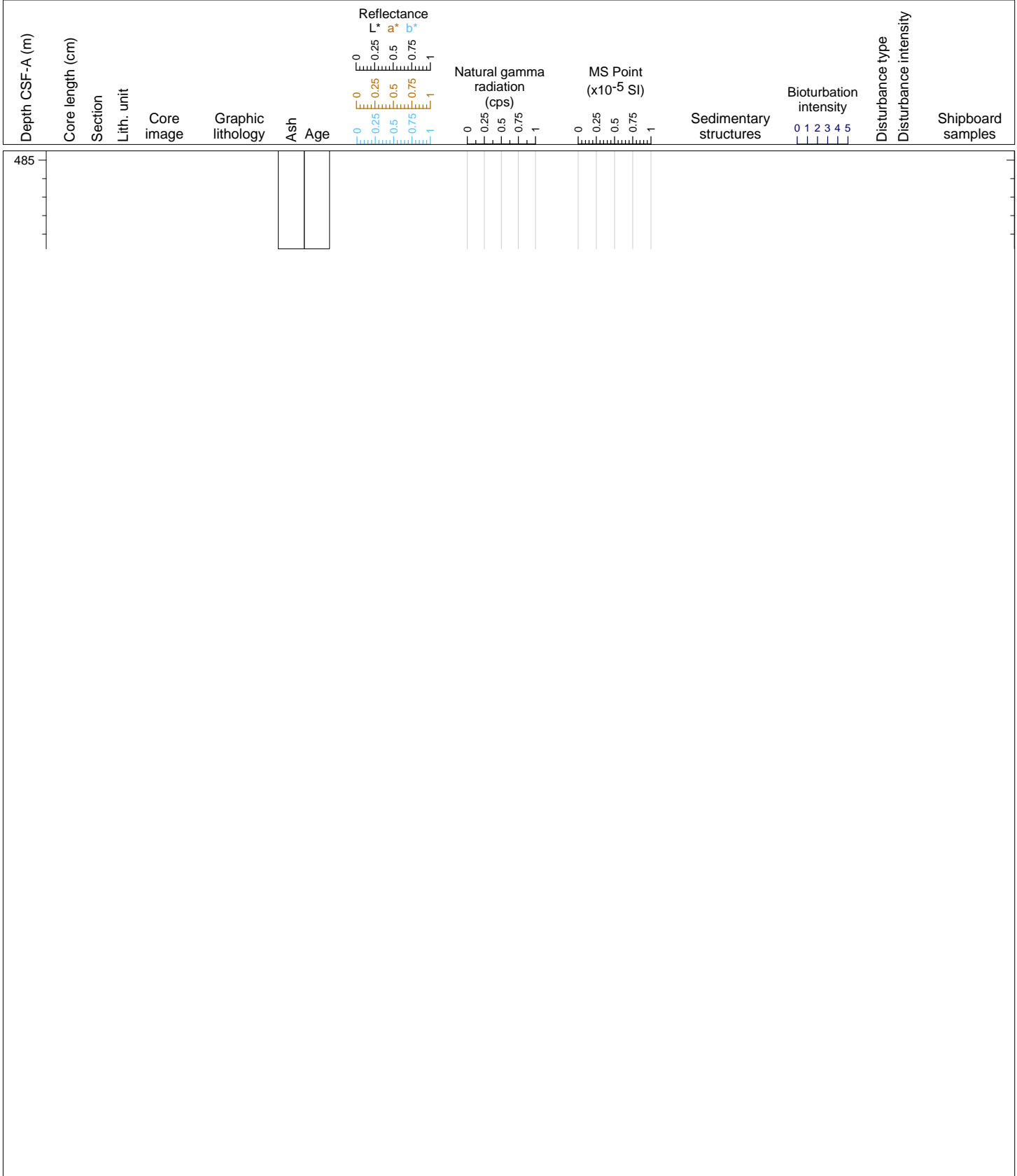
Hole 367-U1500A Core 13R, Interval 484.9-485.96 m (CSF-A)

Core U1500A 13R contains heavily bioturbated, dark greenish gray clay. One foraminiferal silt occurs in Section 1.



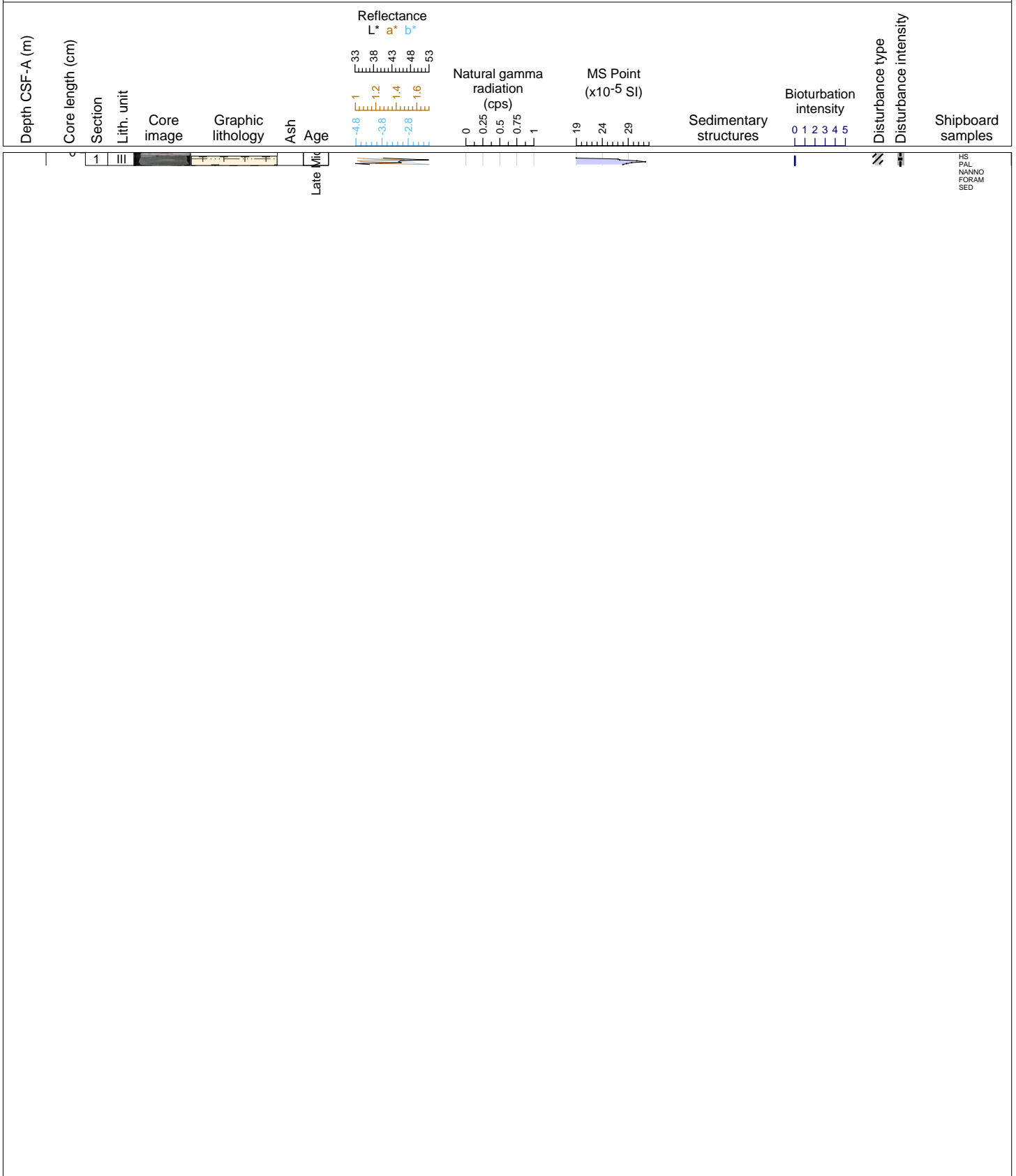
Hole 367-U1500A Core 141, Interval 494.6-494.6 m (CSF-A)

DRILLED INTERVAL



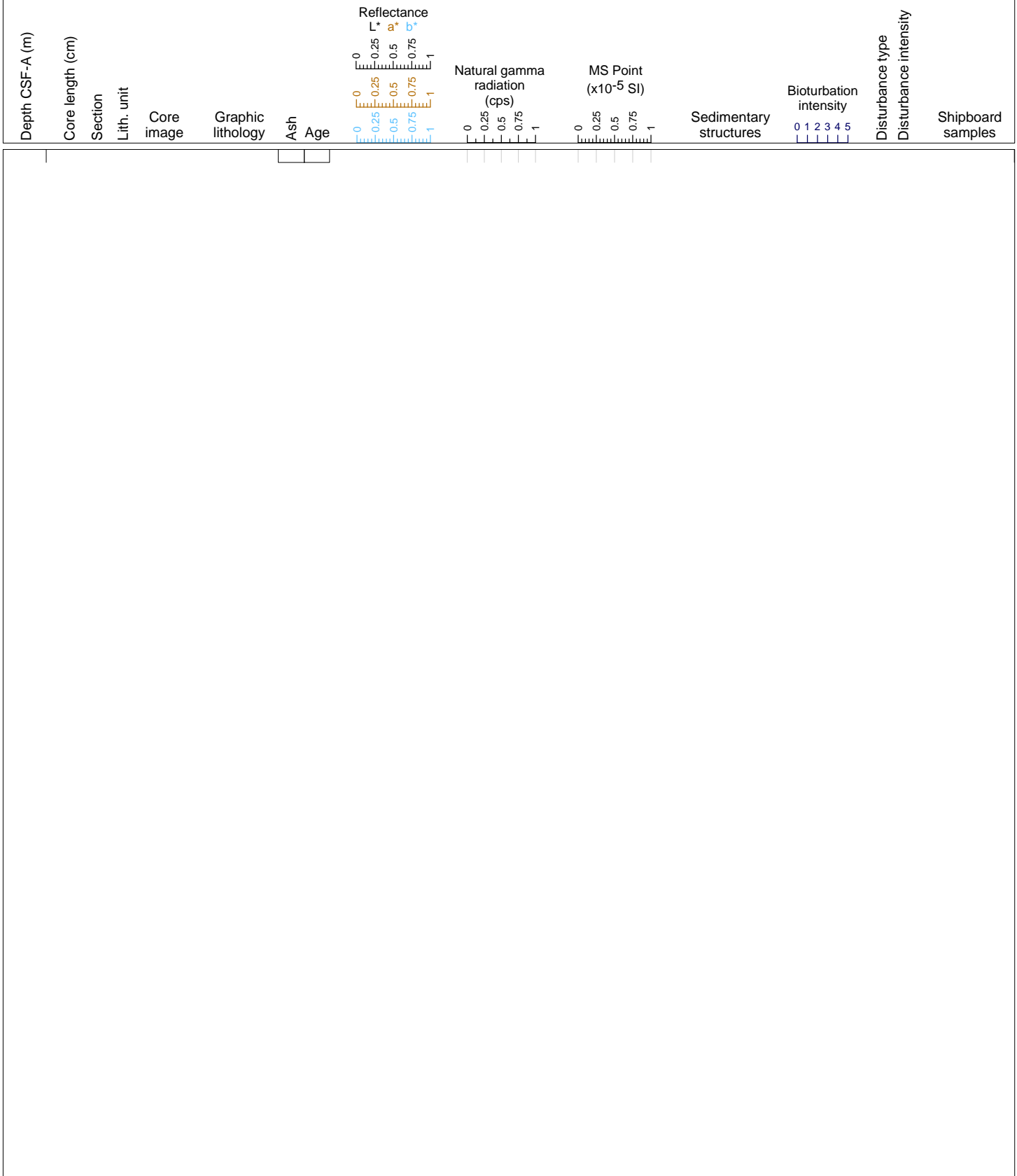
Hole 367-U1500A Core 15R, Interval 641.2-641.34 m (CSF-A)

Core U1500A-15R contains dark greenish gray medium-grained FORAMINIFER-RICH SANDSTONE. Only 14 cm of Core 15R were recovered. There is a 16 mm long mud clast within the recovered interval.



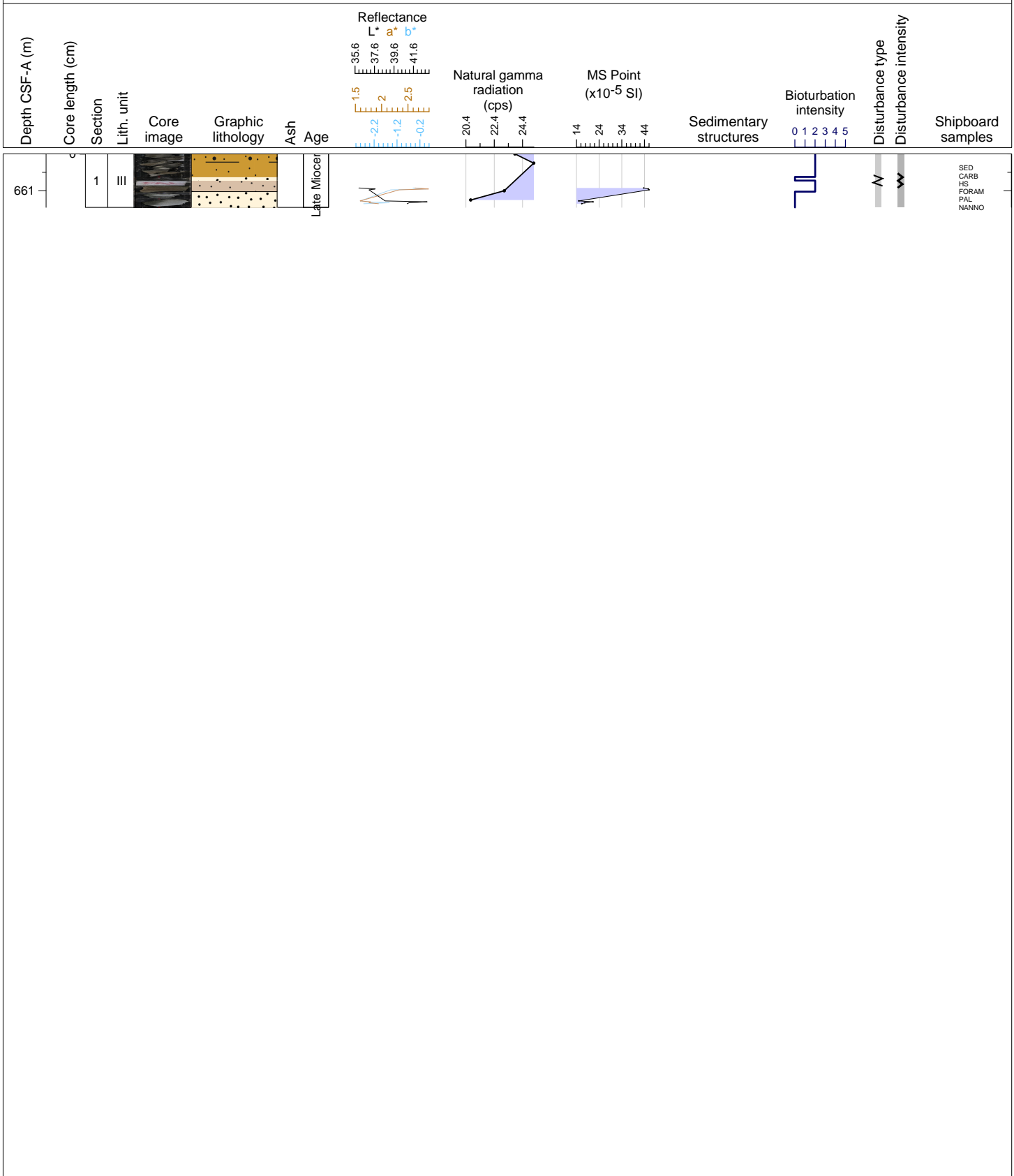
Hole 367-U1500A Core 16R, Interval 650.9-650.9 m (CSF-A)

NO RECOVERY



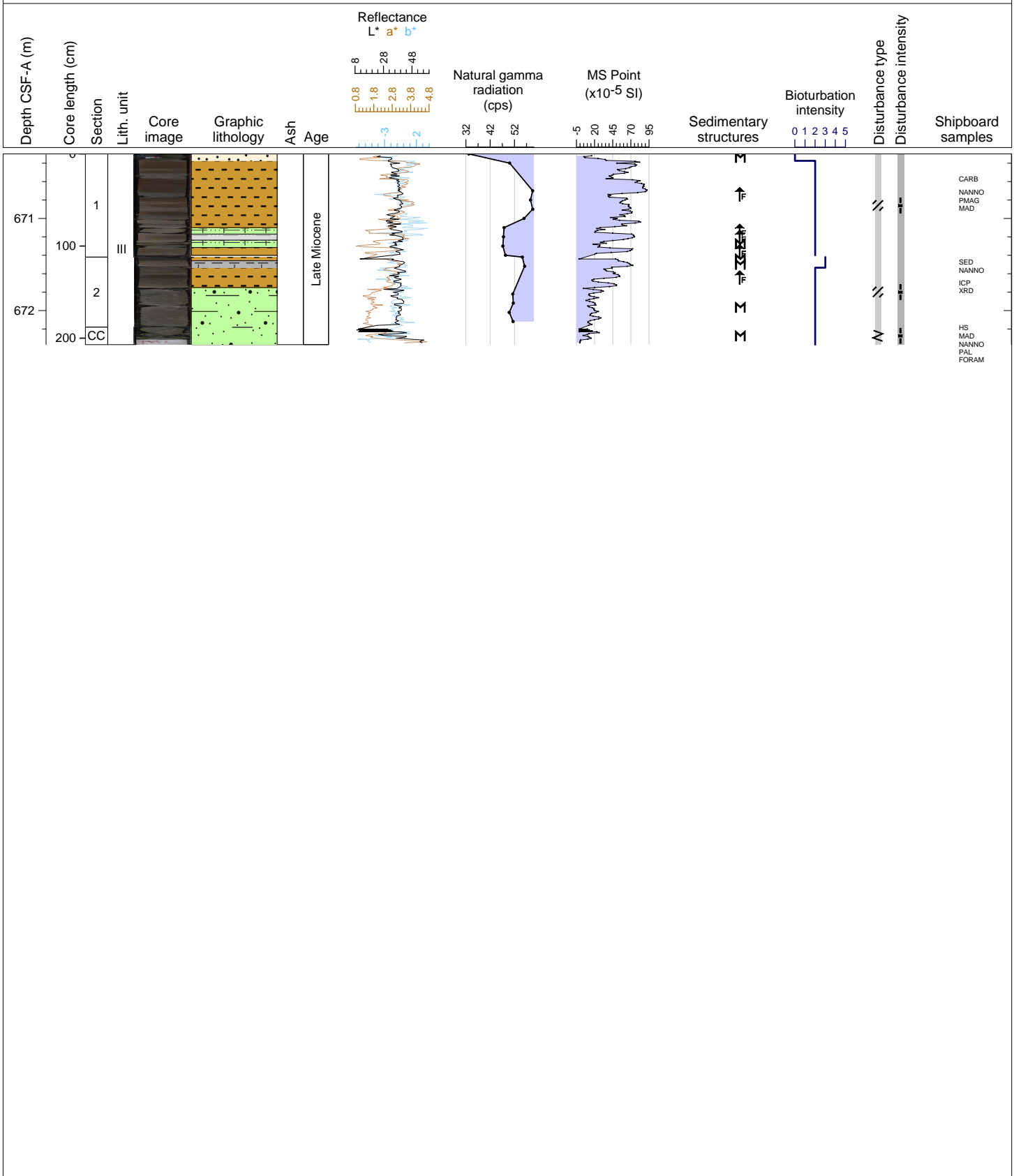
Hole 367-U1500A Core 17R, Interval 660.6-661.18 m (CSF-A)

Core U1500A-17R contains dark greenish gray SILTSTONE to SANDSTONE.



Hole 367-U1500A Core 18R, Interval 670.3-672.37 m (CSF-A)

Core U1500A-18R contains brownish gray CLAYSTONE WITH SILT and SANDSTONE. Fining upward sequences with erosive bases repeat throughout the core. Bioturbation is moderate to heavy.



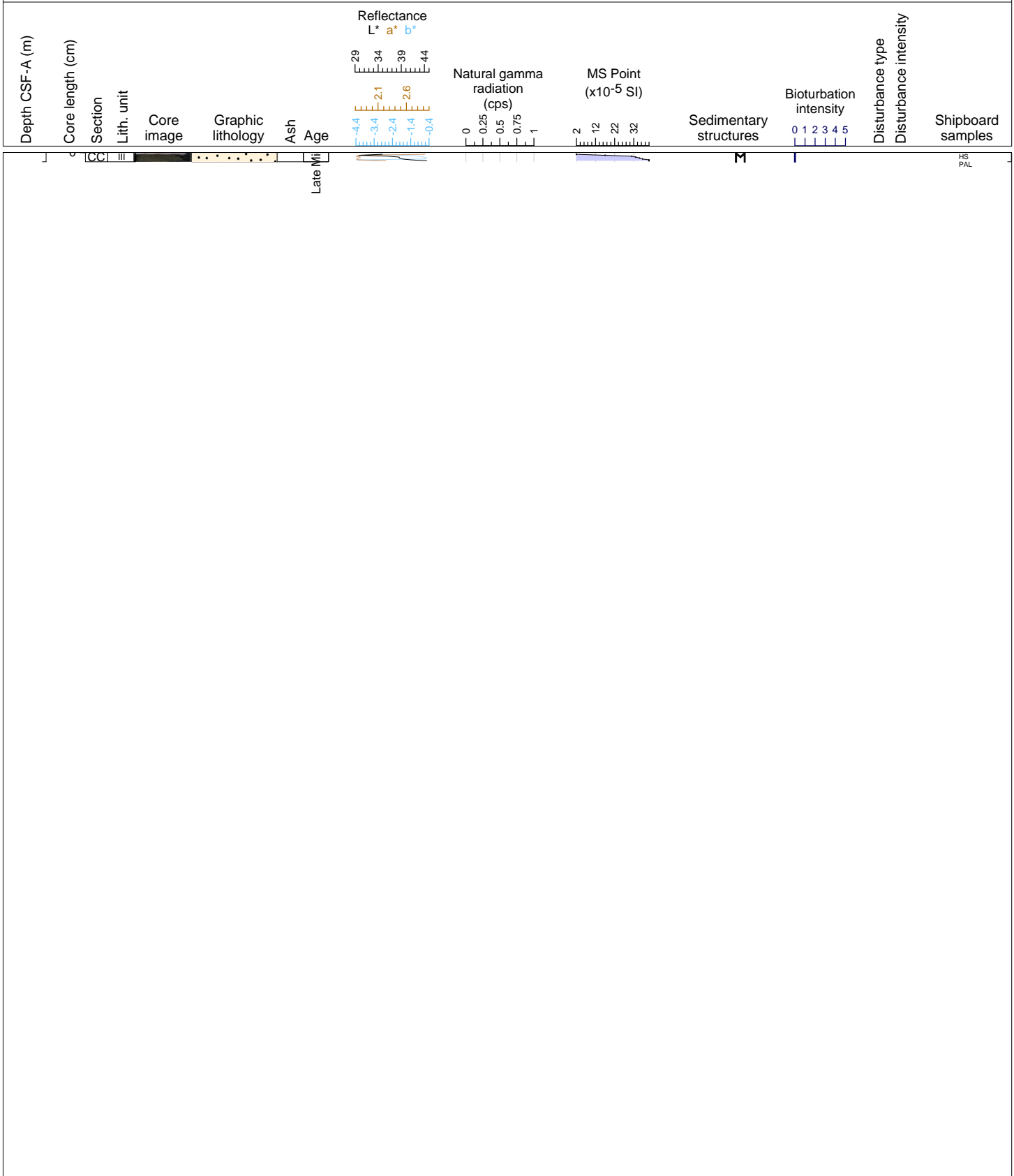
Hole 367-U1500A Core 19R, Interval 680.0-680.03 m (CSF-A)

ALL TO PAL

Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Core image	Graphic lithology	Ash	Age	Reflectance L* a* b*	Natural gamma radiation (cps)	MS Point (x10 ⁻⁵ SI)	Sedimentary structures	Bioturbation intensity 0 1 2 3 4 5	Disturbance type	Disturbance intensity	Shipboard samples
680							Late M								HS FORAM NANNO PAL

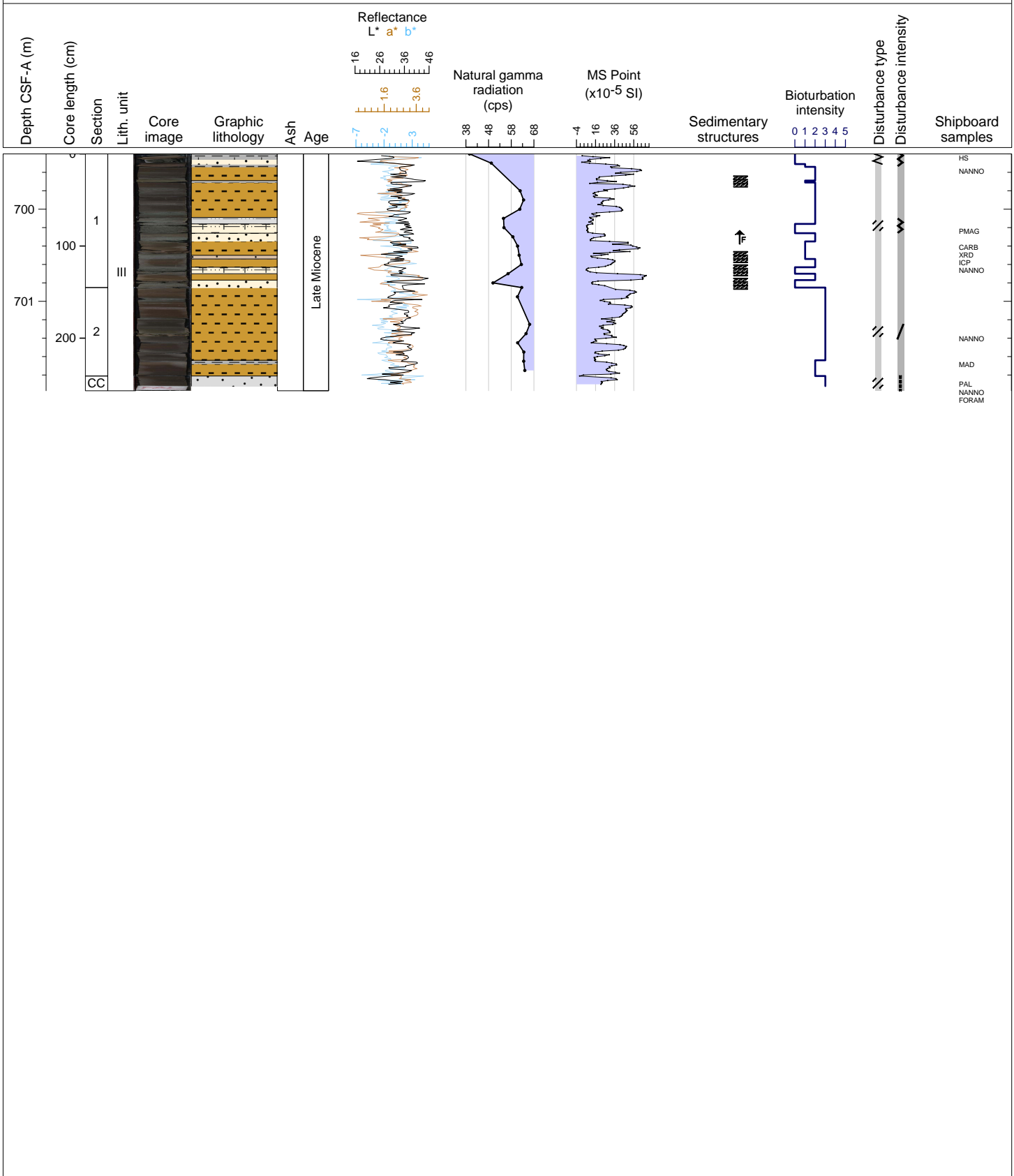
Hole 367-U1500A Core 20R, Interval 689.7-689.8 m (CSF-A)

Core U1500A-20R contains dark greenish gray SANDSTONE. Only 10 cm was recovered.



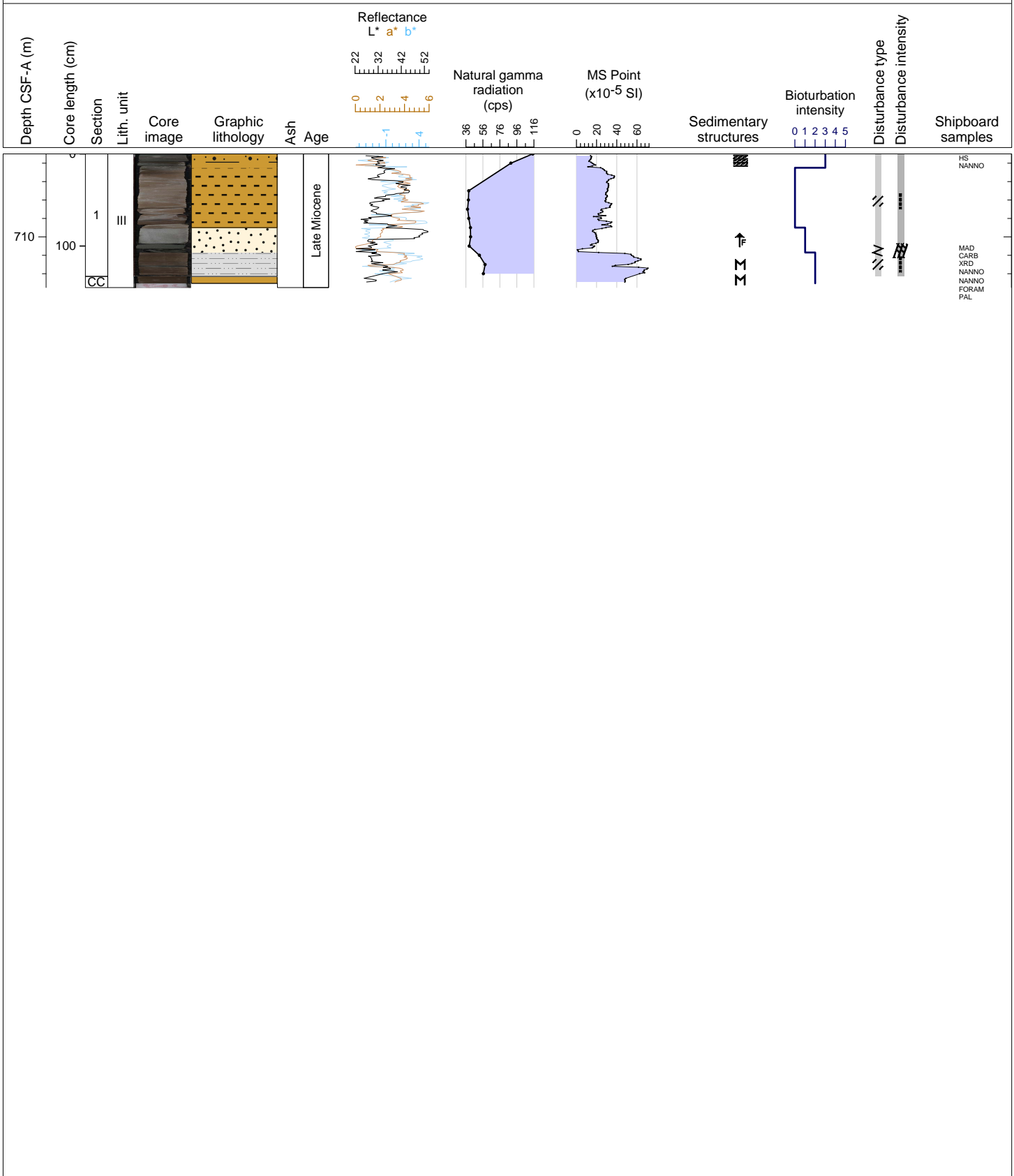
Hole 367-U1500A Core 21R, Interval 699.4-701.97 m (CSF-A)

Core U1500A-21R contains very dark gray to dark gray CLAYSTONE, gray NANNOFOSSIL-RICH CLAYSTONE, and dark greenish gray FORAMINIFER-RICH SANDSTONE. Section one contained two intervals of contorted claystone strata. Bioturbation varies throughout the core from slight to heavy. The Sandstone intervals are typically organized into laminated and fining upward sequences.



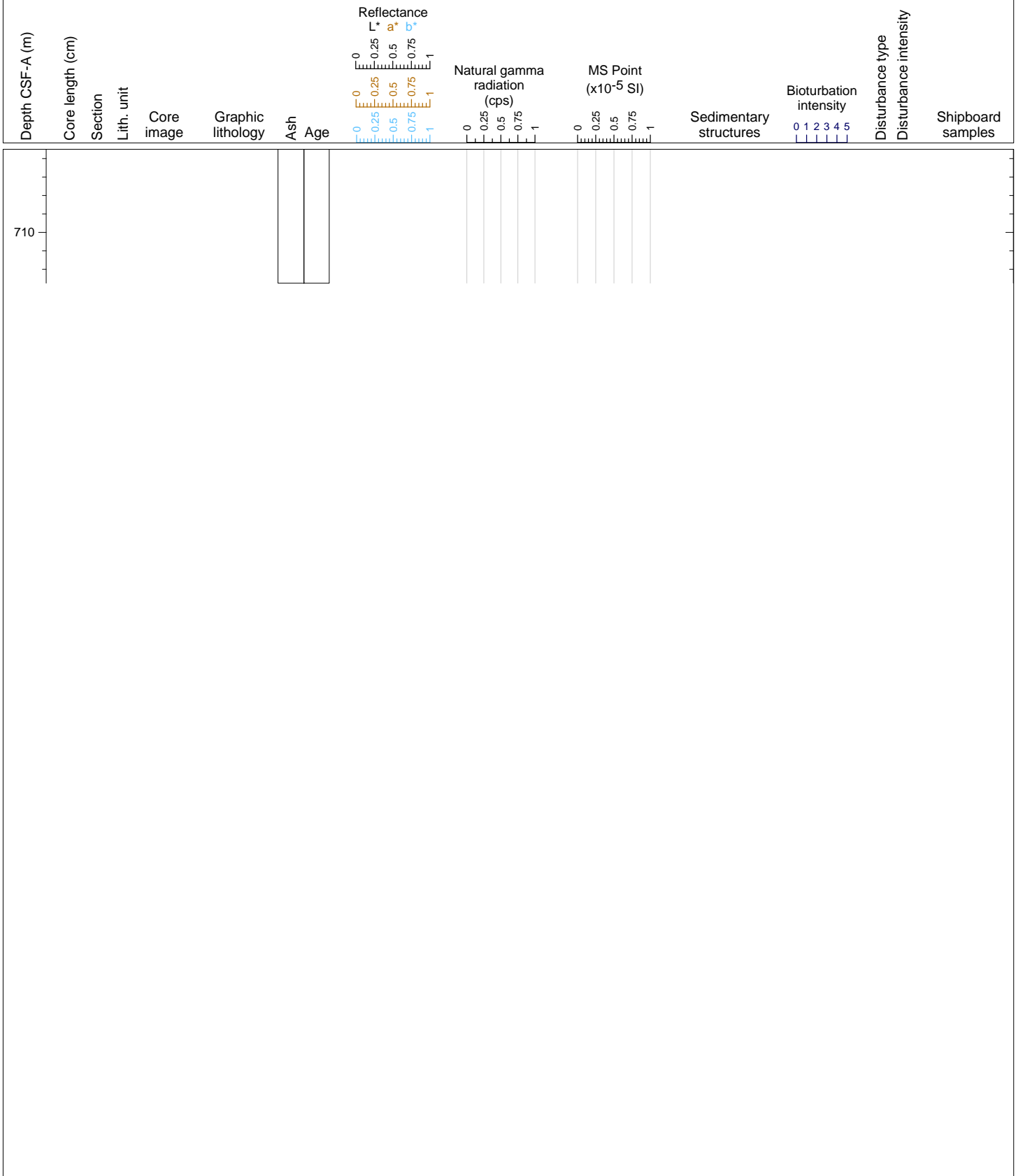
Hole 367-U1500A Core 22R, Interval 709.1-710.55 m (CSF-A)

Core U1500A-22R contains very dark greenish gray to dark brown CLAYEY SILTSTONE, contorted CLAYSTONE with SAND strata, SANDSTONE with FORAMINIFERS, and SILTY CLAYSTONE. Bioturbation varies throughout the core from slight to heavy. The sandstone with foraminifers interval contains a fining upward sequence.



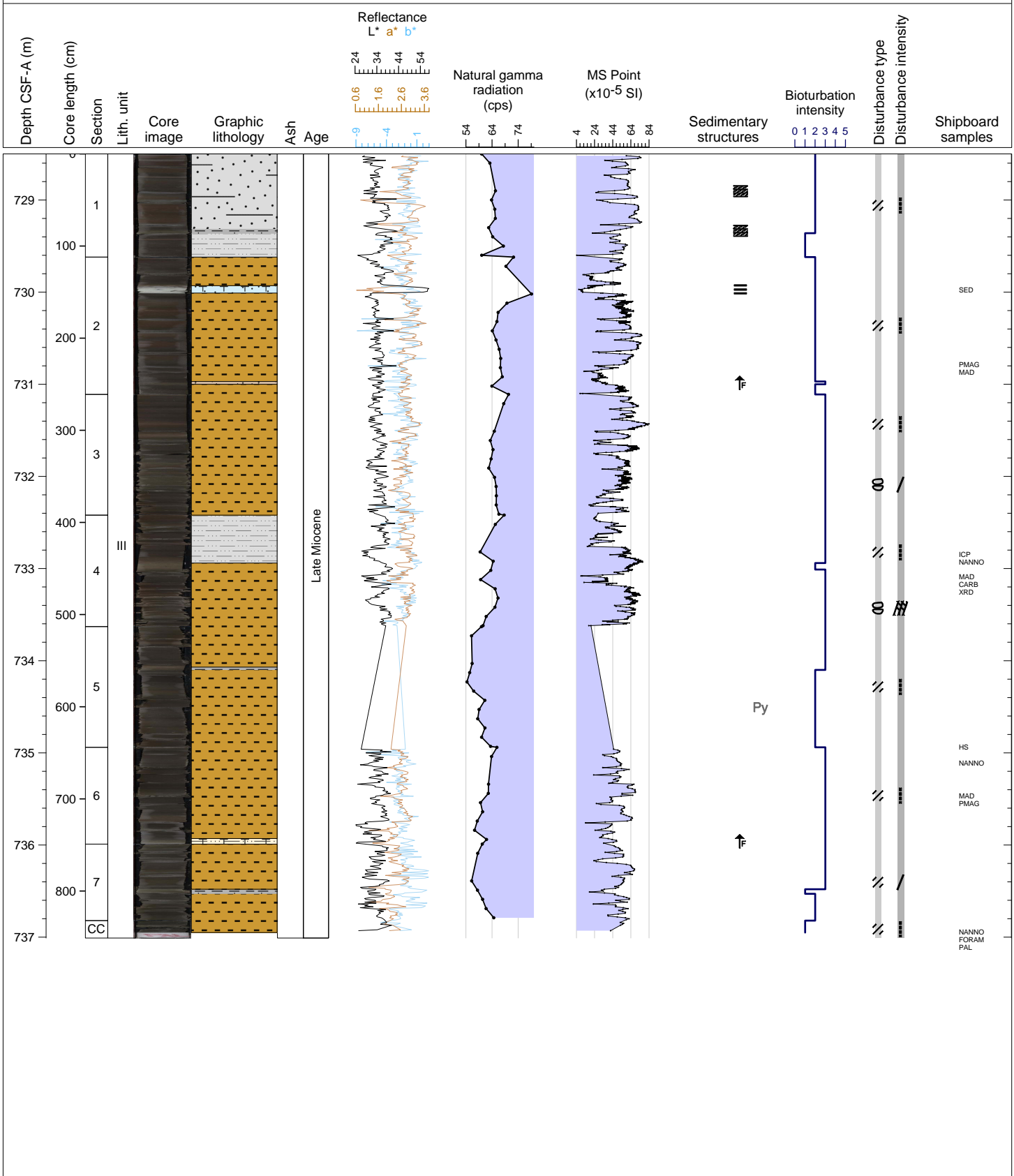
Hole 367-U1500A Core 23R, Interval 718.8-718.8 m (CSF-A)

NO RECOVERY



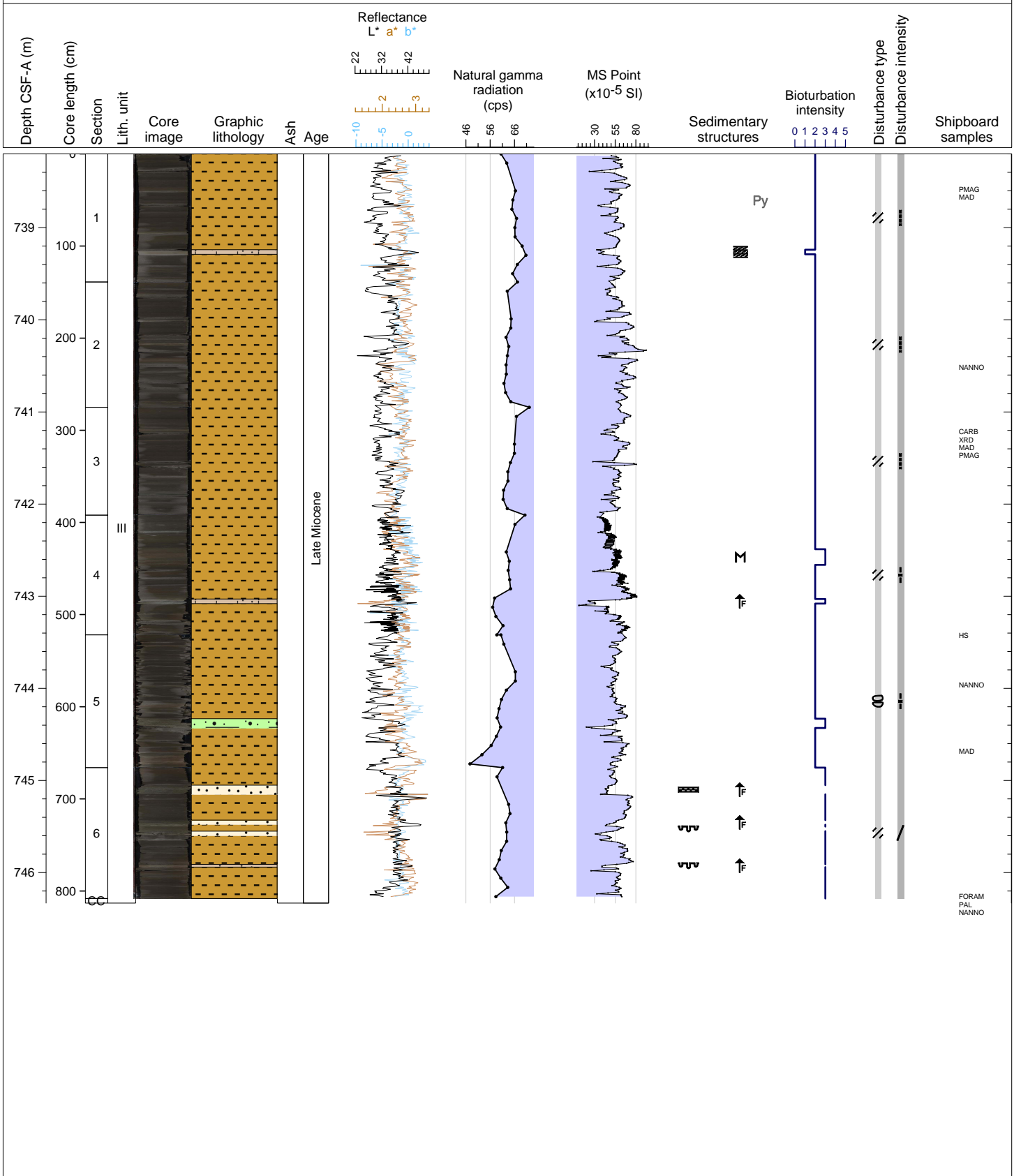
Hole 367-U1500A Core 24R, Interval 728.5-737.01 m (CSF-A)

Core U1500A 24R contains heavily bioturbated, very dark gray to grayish brown CLAYSTONE, with SILTY CLAYSTONE and SANDY CLAYSTONE intervals in the top two sections of the core. NANNOFOSSIL-RICH SILTSTONE and NANNOFOSSIL-RICH CLAYSTONE intervals are also common throughout the core. Foraminifer tests are distributed throughout the core, but their relative abundances are less than 10% across most intervals. There are two FORAMINIFERAL SANDSTONE intervals, which are arranged into fining upward bed forms and parallel laminations.



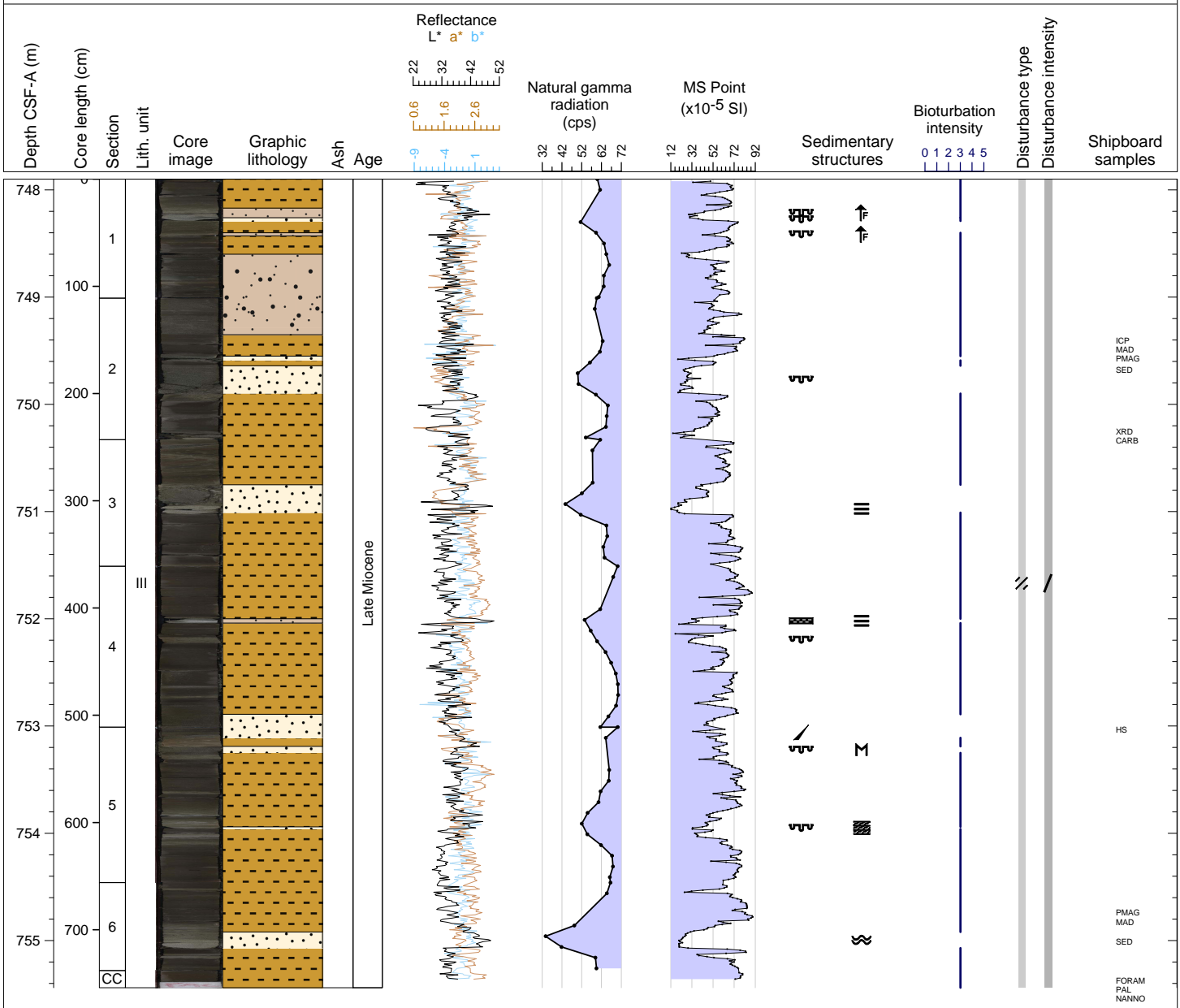
Hole 367-U1500A Core 25R, Interval 738.2-746.33 m (CSF-A)

Core U1500A-25R contains very dark gray to dark gray CLAYSTONE, with thin siltstone and sandstone interbedded. Heavy bioturbation throughout the claystone of this core.



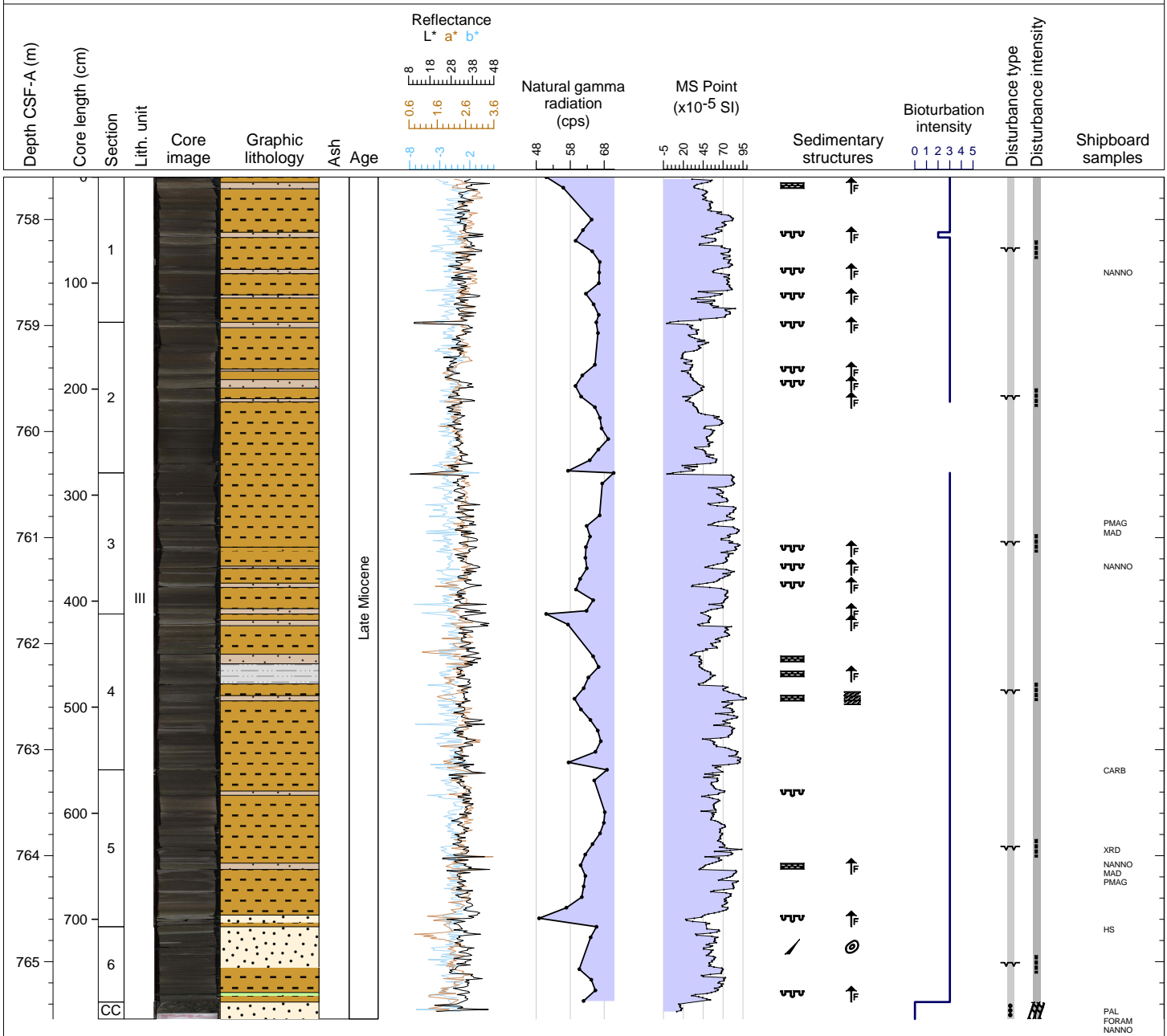
Hole 367-U1500A Core 26R, Interval 747.9-755.44 m (CSF-A)

Core U1500A-26R contains very dark gray CLAYSTONE, with thin greenish gray sandstone interbeds. Heavy bioturbation throughout the claystone of this core. Small-scale cross-bedding and wavy lamination structures occurred in this core.



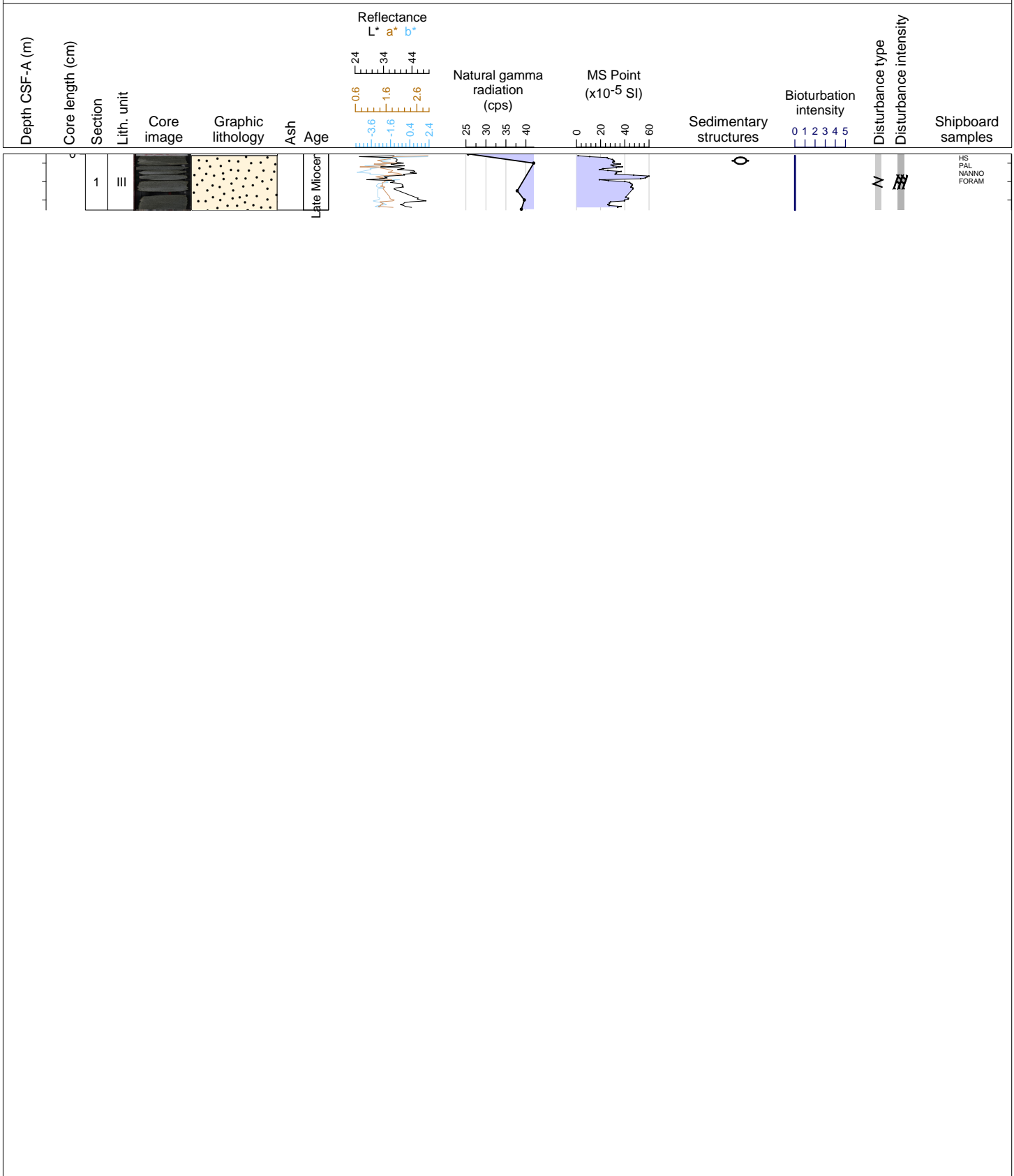
Hole 367-U1500A Core 27R, Interval 757.6-765.54 m (CSF-A)

Core U1500A-27R contains very dark gray CLAYSTONE, with thin greenish gray clayey siltstone and siltstone interbeds. The siltstone usually is 2-4 cm scale, base eroded, fined upward, and occurs every 10-20 cm. A thick medium sandstone with claystone intraclast happens in Section 6. A very thin (0.5 cm) black wood detritus layer also occurs in Section 6. Bioturbation is heavy throughout the core.



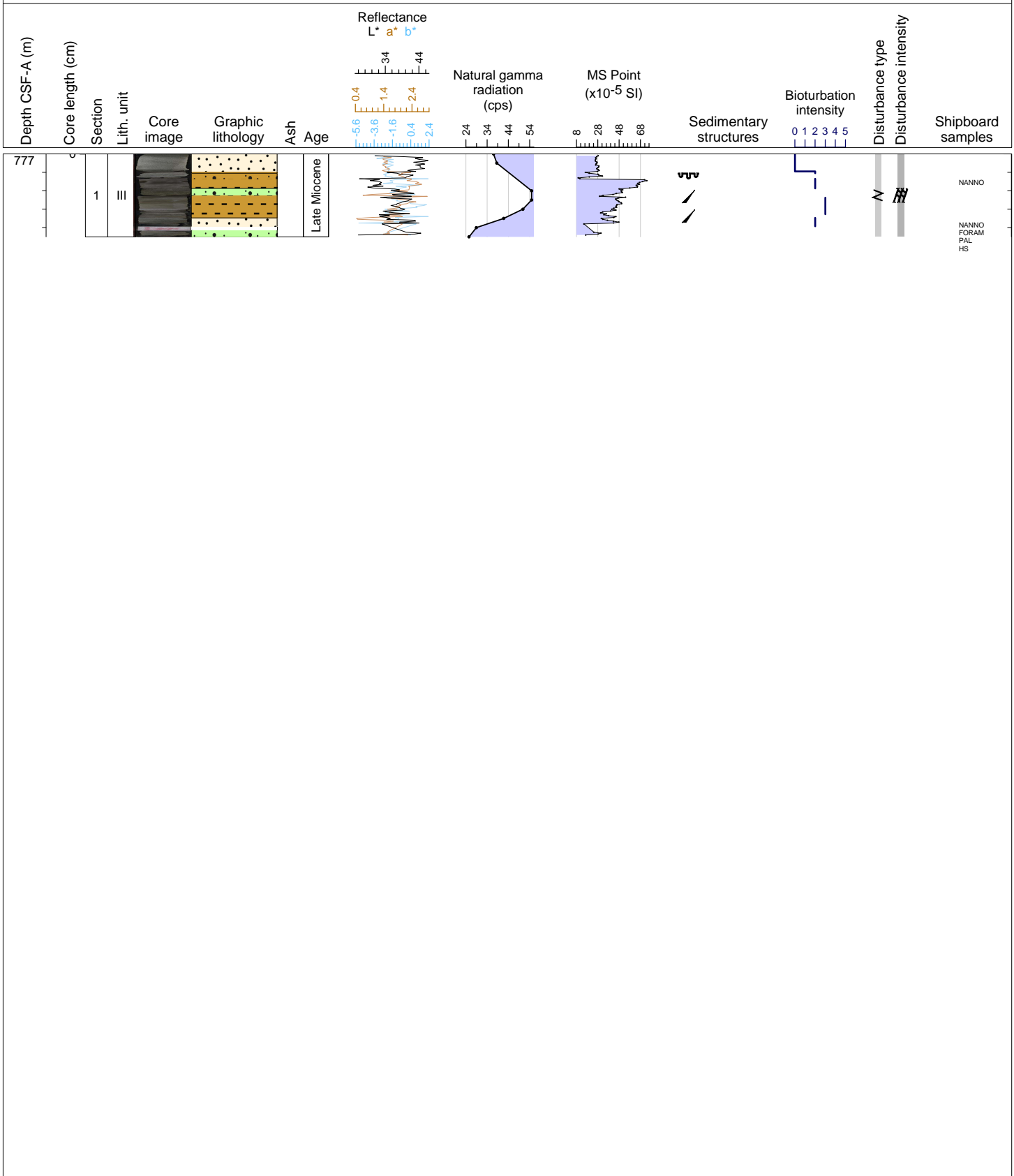
Hole 367-U1500A Core 28R, Interval 767.3-767.91 m (CSF-A)

Core U1500A-28R contains dark greenish gray SANDSTONE with mottled clay content in the top 13 cm. Fragments of sandstone exhibit massive structure and no bioturbation.



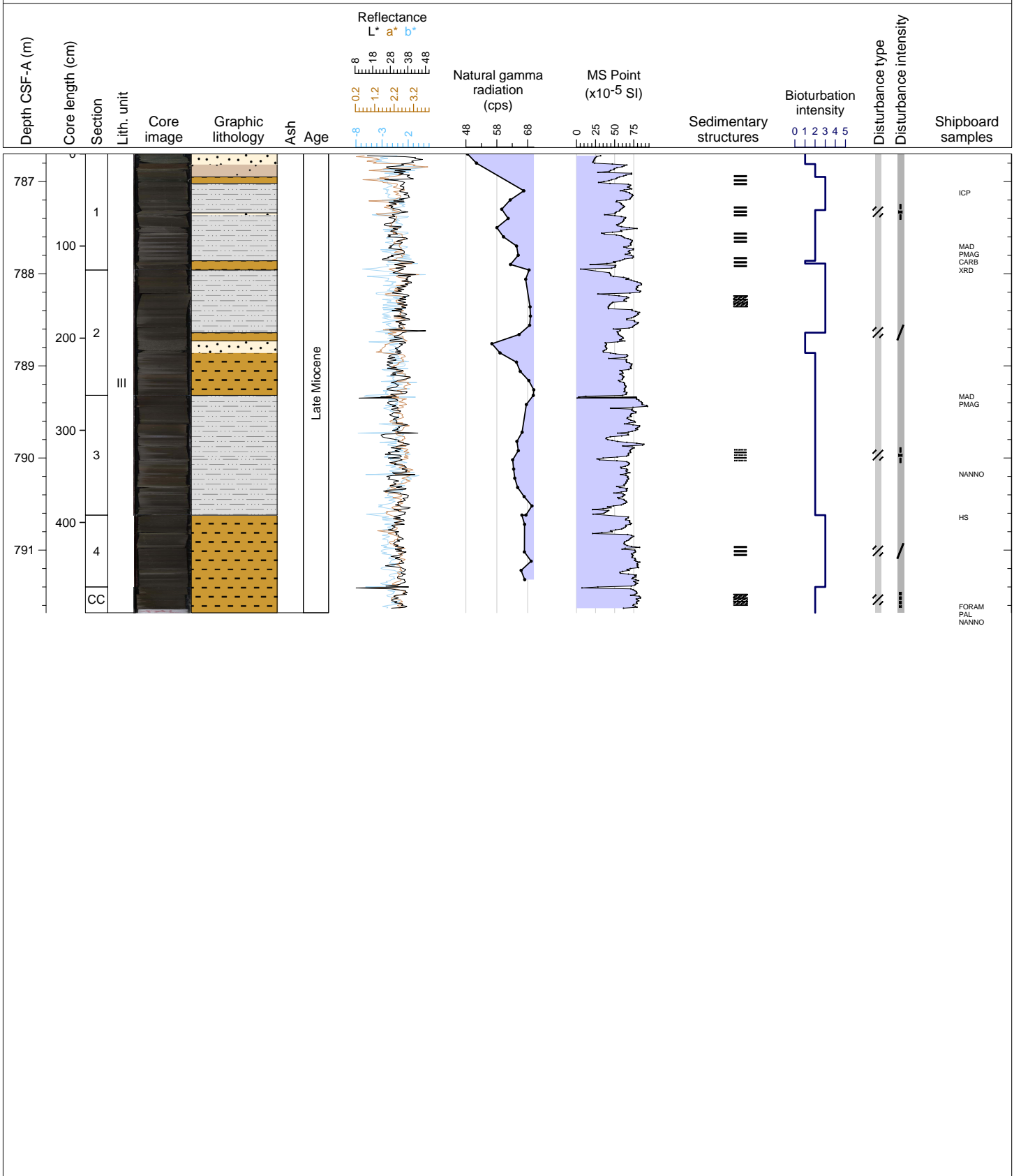
Hole 367-U1500A Core 29R, Interval 777.0-777.9 m (CSF-A)

Core U1500A-29R contains a chaotic mixture of CLAYSTONE, SILTSTONE, and SANDSTONE. There are some intervals of massive SANDSTONE and CLAYSTONE as well as convolutedly laminated intervals of varying texture. Bioturbation ranges from none to heavy. Color varies between dark greenish gray and gray. Contacts between intervals are often subhorizontal to inclined. Potential rip-up clasts are present.



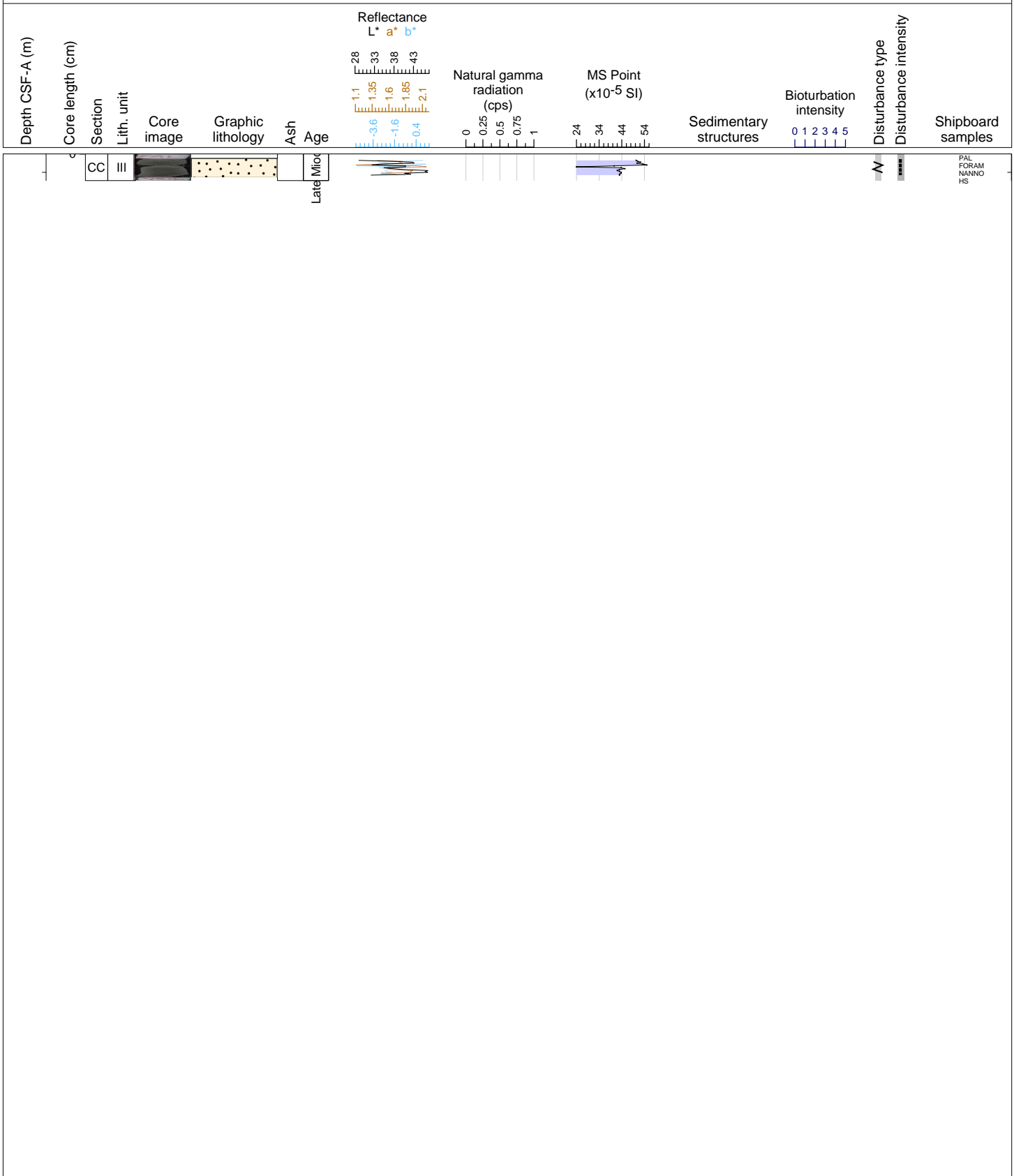
Hole 367-U1500A Core 30R, Interval 786.7-791.68 m (CSF-A)

Core U1500A-30R contains dark gray CLAYSTONE, SILTY or SANDY CLAYSTONE, and SANDSTONE with bedded intervals of silt and sand. Bioturbation is moderate to heavy. Laminations are present throughout the core. There is a pattern of color banding and bioturbation that repeats 3-4 times per core section.



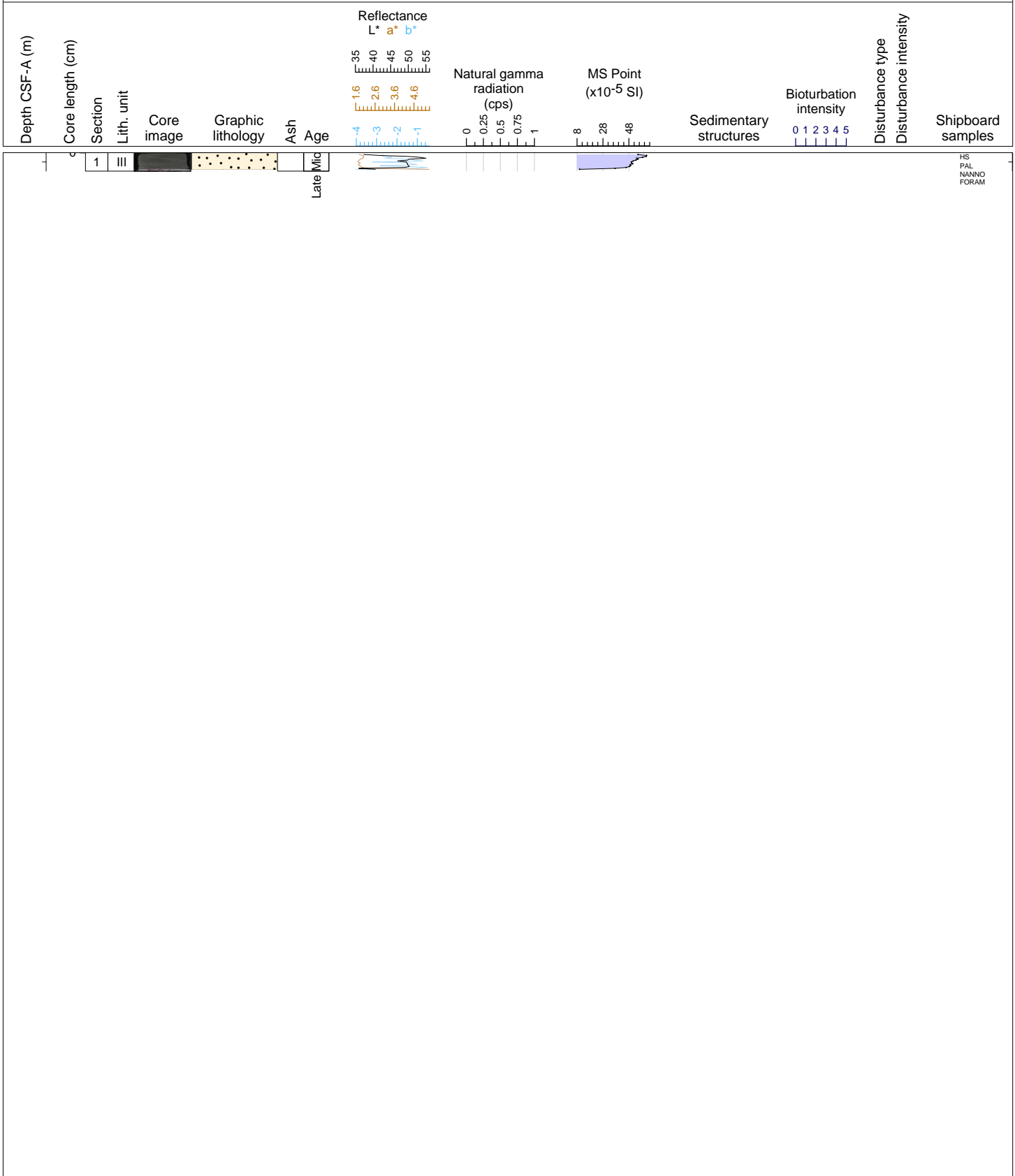
Hole 367-U1500A Core 31R, Interval 796.4-796.69 m (CSF-A)

Core U1500A-31R contains dark greenish gray medium-grained SANDSTONE. It has been fragmented during drilling. Only 29 cm were recovered.



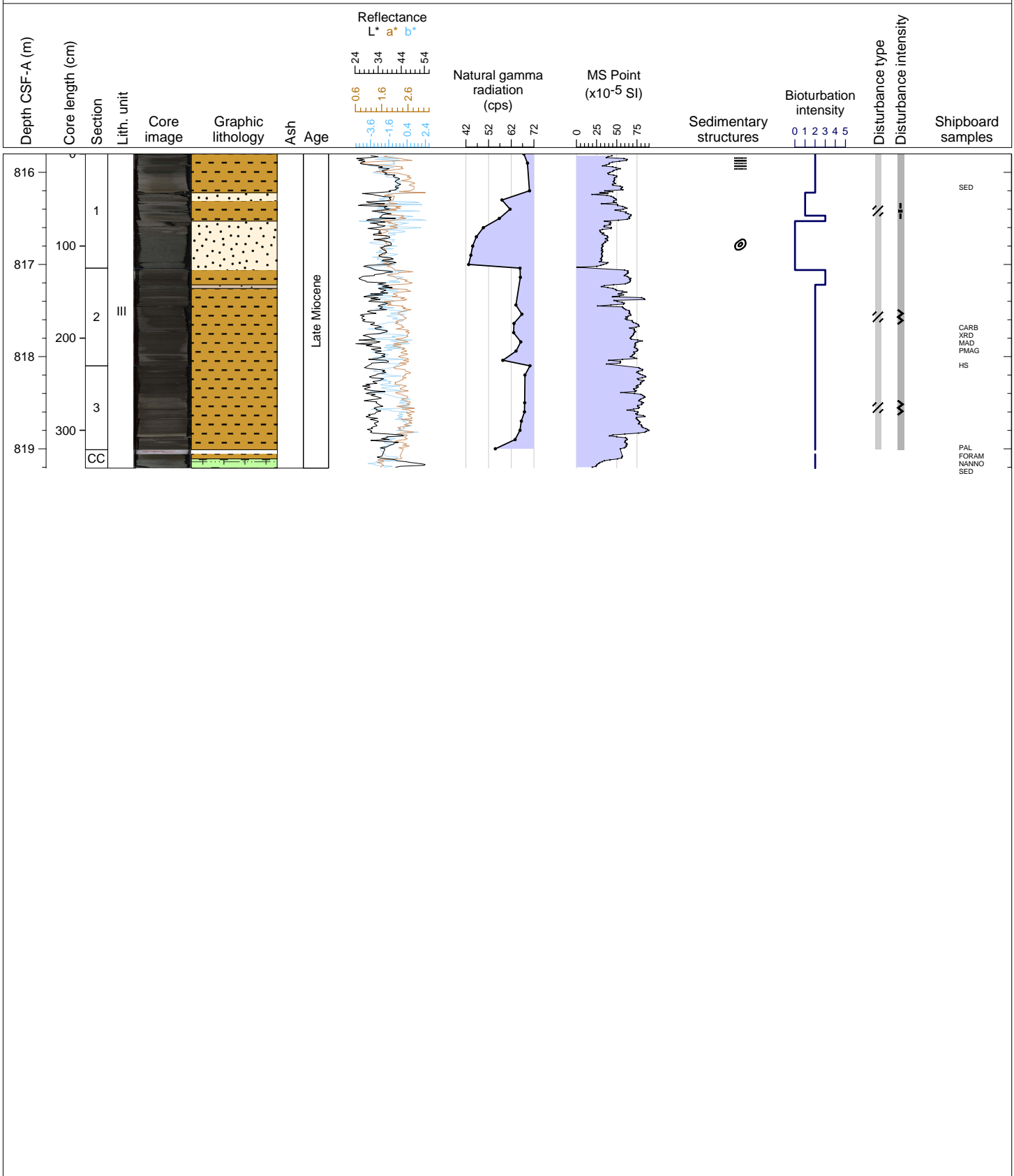
Hole 367-U1500A Core 32R, Interval 806.1-806.3 m (CSF-A)

Core U1500A-32R contains dark greenish gray medium-grained SANDSTONE. Only 20 cm were recovered.



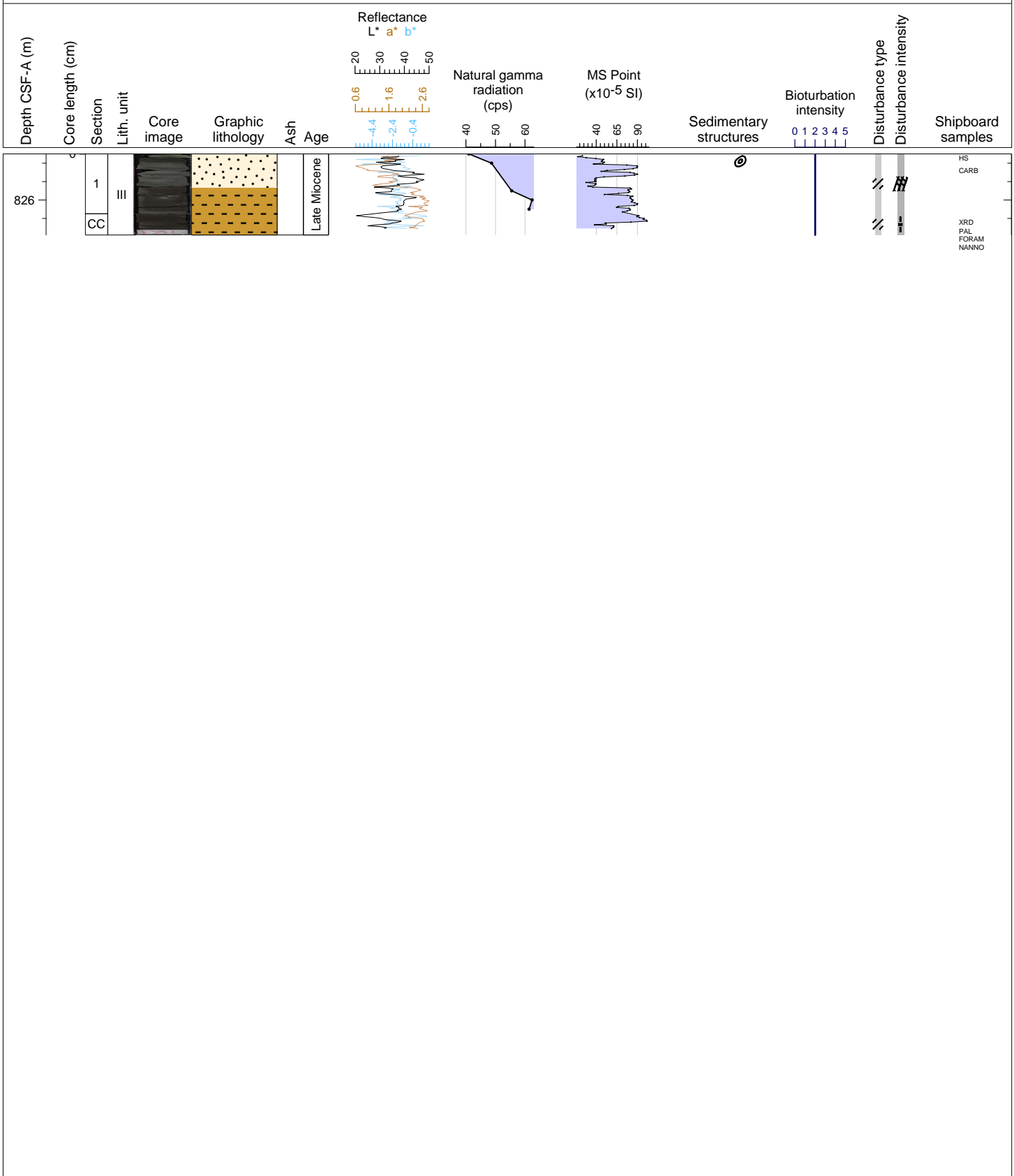
Hole 367-U1500A Core 33R, Interval 815.8-819.21 m (CSF-A)

Core U1500A-33R contains very dark grayish brown CLAYSTONE with SILT and dark greenish gray SANDSTONE with FORAMINIFERS. There is a pattern of color banding and bioturbation that repeats within each core section. Some intervals contain convolute strata. Mud clasts are observed within some sandstone intervals.



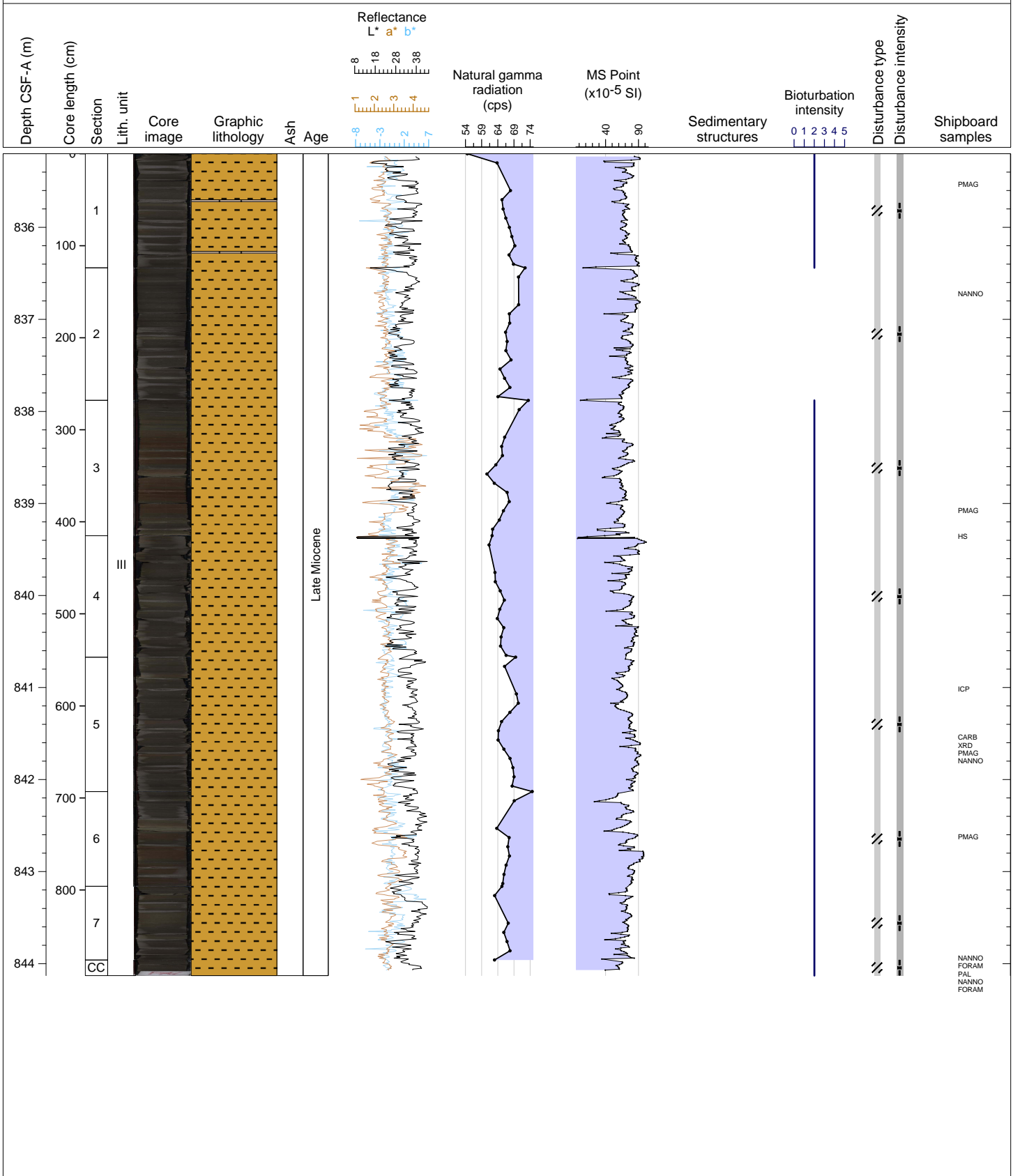
Hole 367-U1500A Core 34R, Interval 825.5-826.38 m (CSF-A)

Core U1500A-34R contains greenish gray SANDSTONE and very dark grayish brown CLAYSTONE with SILT. Bioturbation is moderate throughout the core. Mud clasts are observed within some sandstone intervals. Fractures due to drilling are present throughout the core.



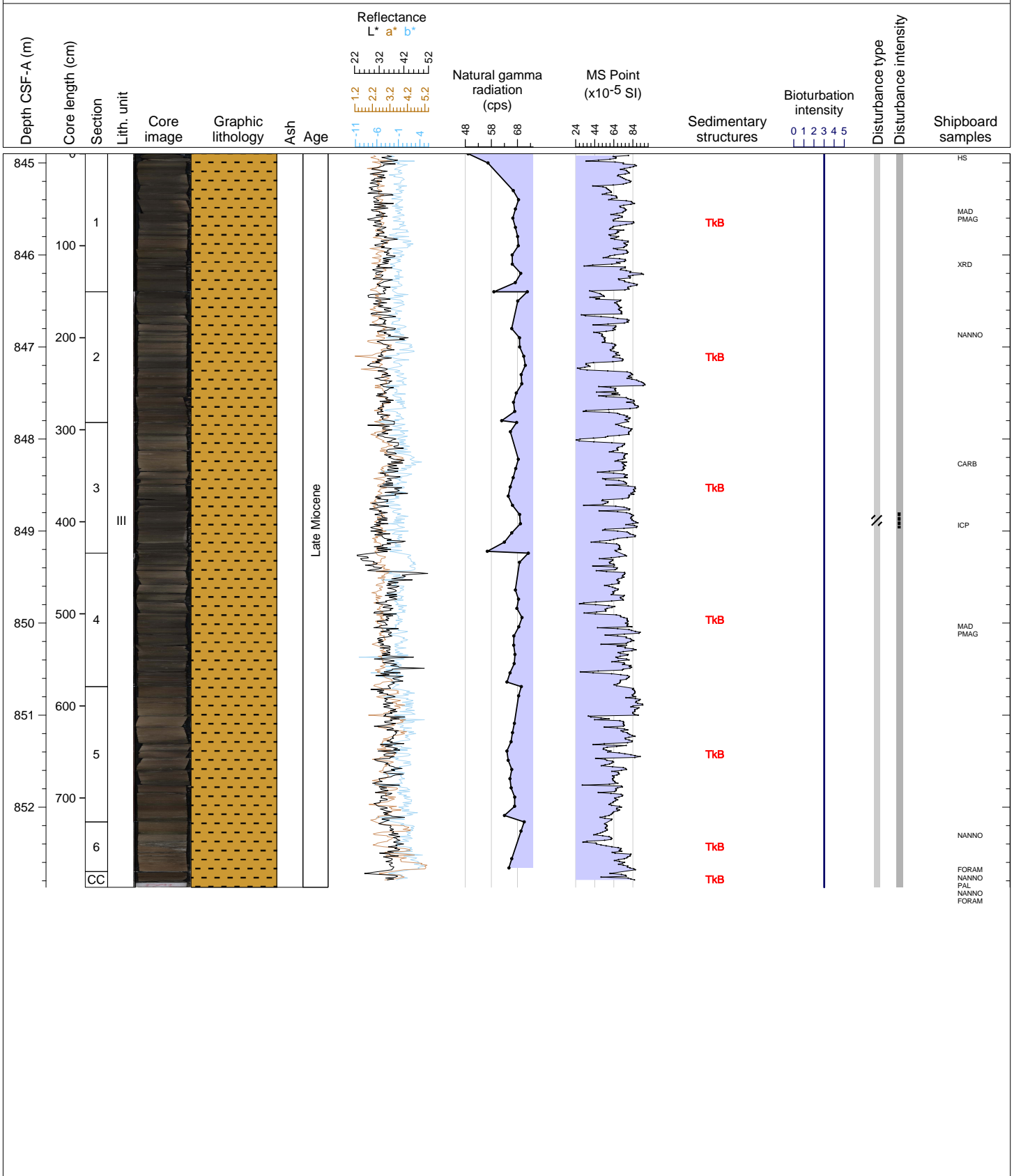
Hole 367-U1500A Core 35R, Interval 835.2-844.13 m (CSF-A)

Core U1500A-35R contains brown to very dark grey CLAYSTONE, CLAYSTONE with SILT and SILTSTONE. Bioturbation is moderate throughout the core. Fractures due to drilling are present throughout the core.



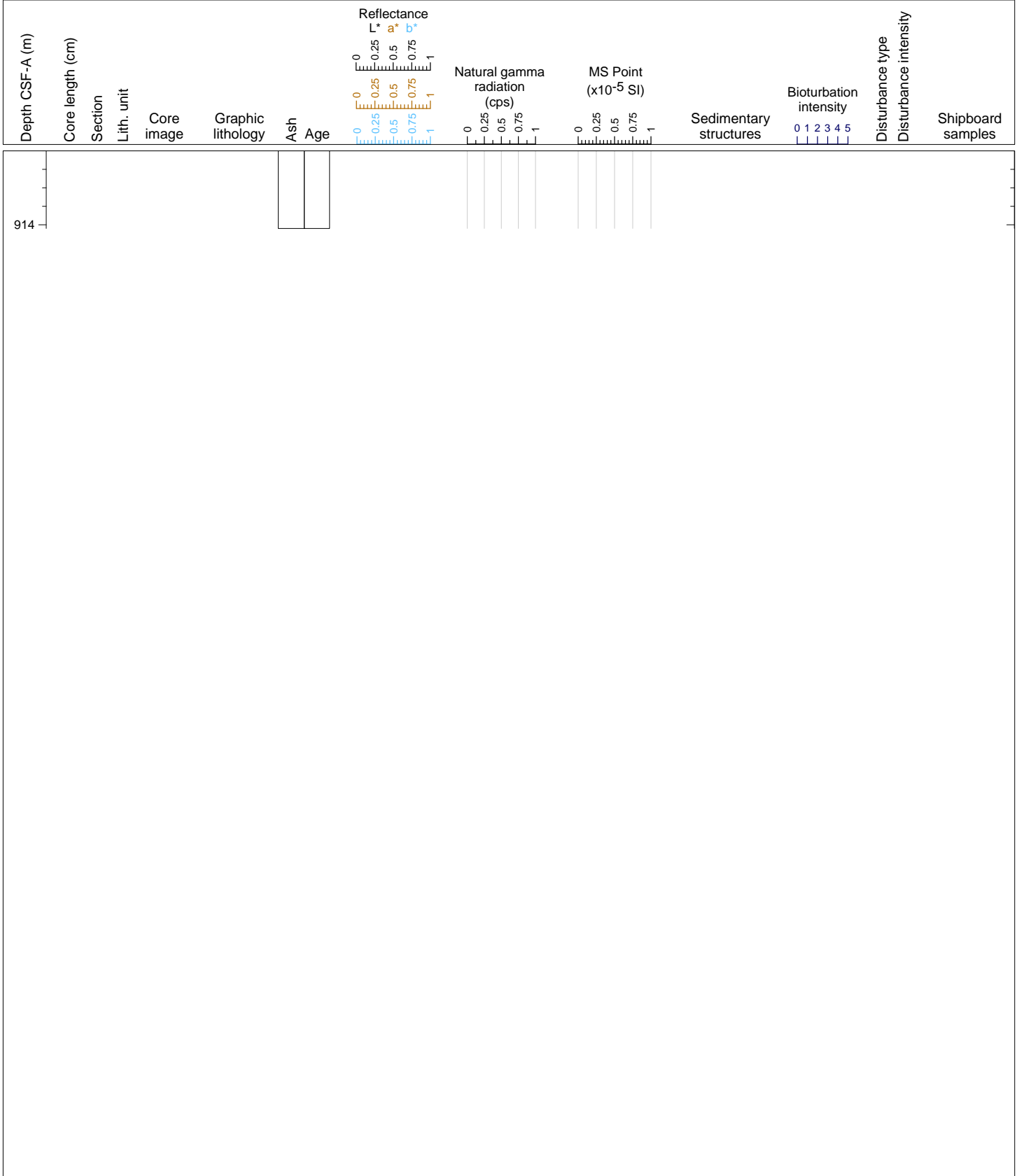
Hole 367-U1500A Core 36R, Interval 844.9-852.87 m (CSF-A)

Core U1500A-36R contains very dark grey CLAYSTONE. Bioturbation is heavy throughout the core.



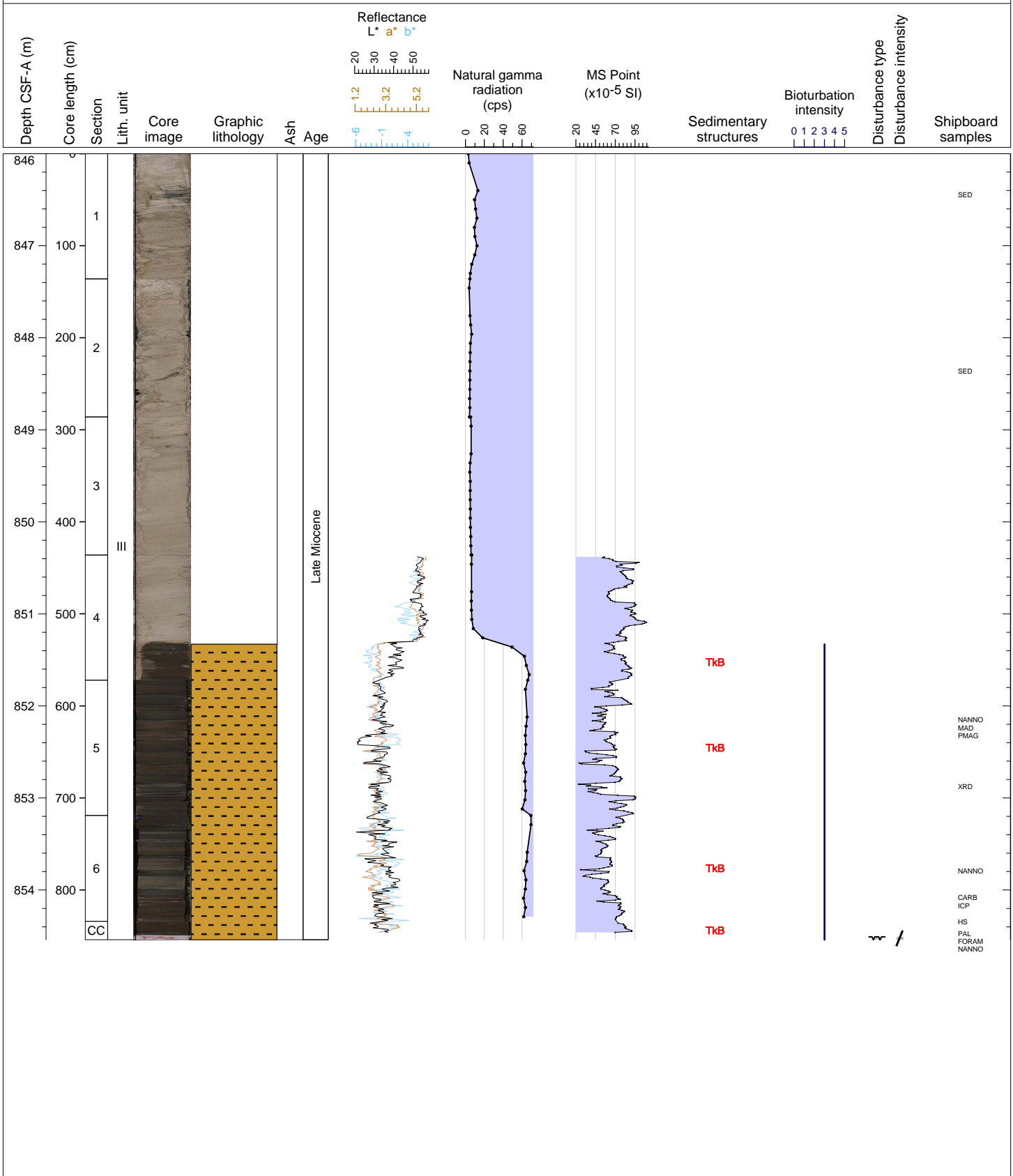
Hole 367-U1500B Core 11, Interval 0.0-0.0 m (CSF-A)

DRILLED INTERVAL



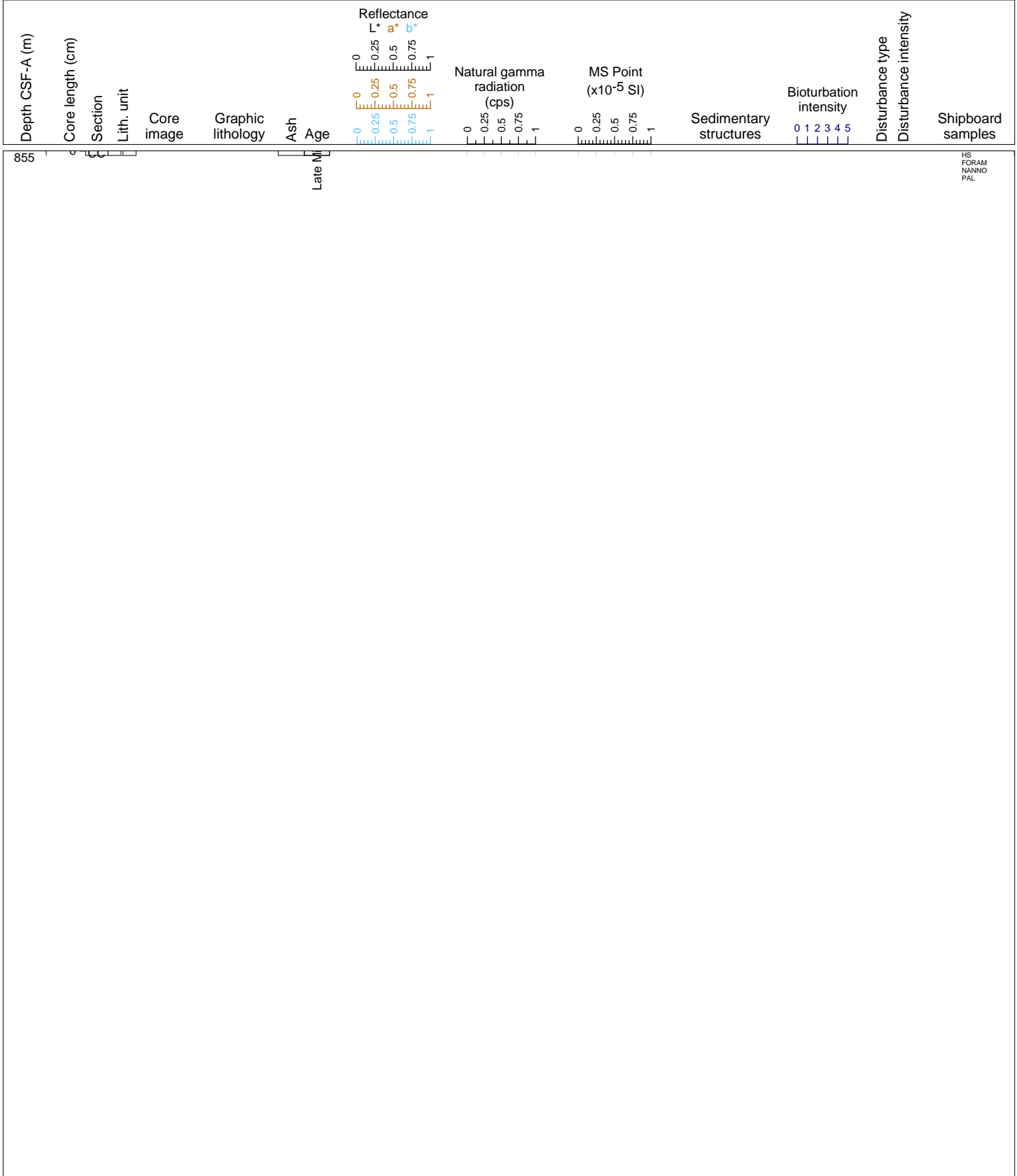
Hole 367-U1500B Core 2R, Interval 846.0-854.54 m (CSF-A)

Core U1500B-2R contains very dark gray CLAYSTONE with very thin (<1-2 cm) silty claystone interbeds. The silty claystone occurs every 10-20 cm, making frequent lithology cycles. The upper of this core (Section 1 through 97 cm of Section 4) consists completely of reddish yellow drilling mud (all barrite).



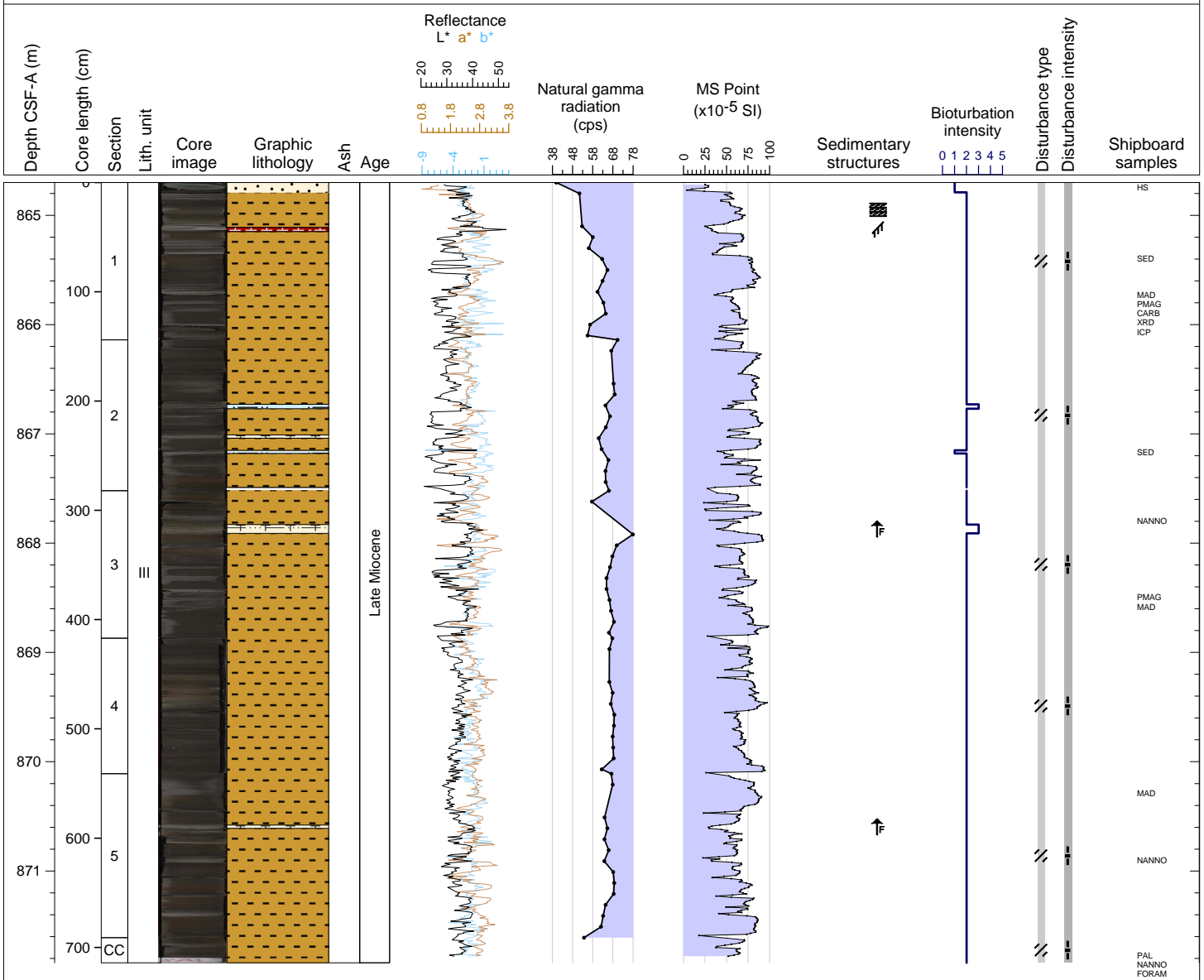
Hole 367-U1500B Core 3R, Interval 855.0-855.05 m (CSF-A)

ALL TO PAL



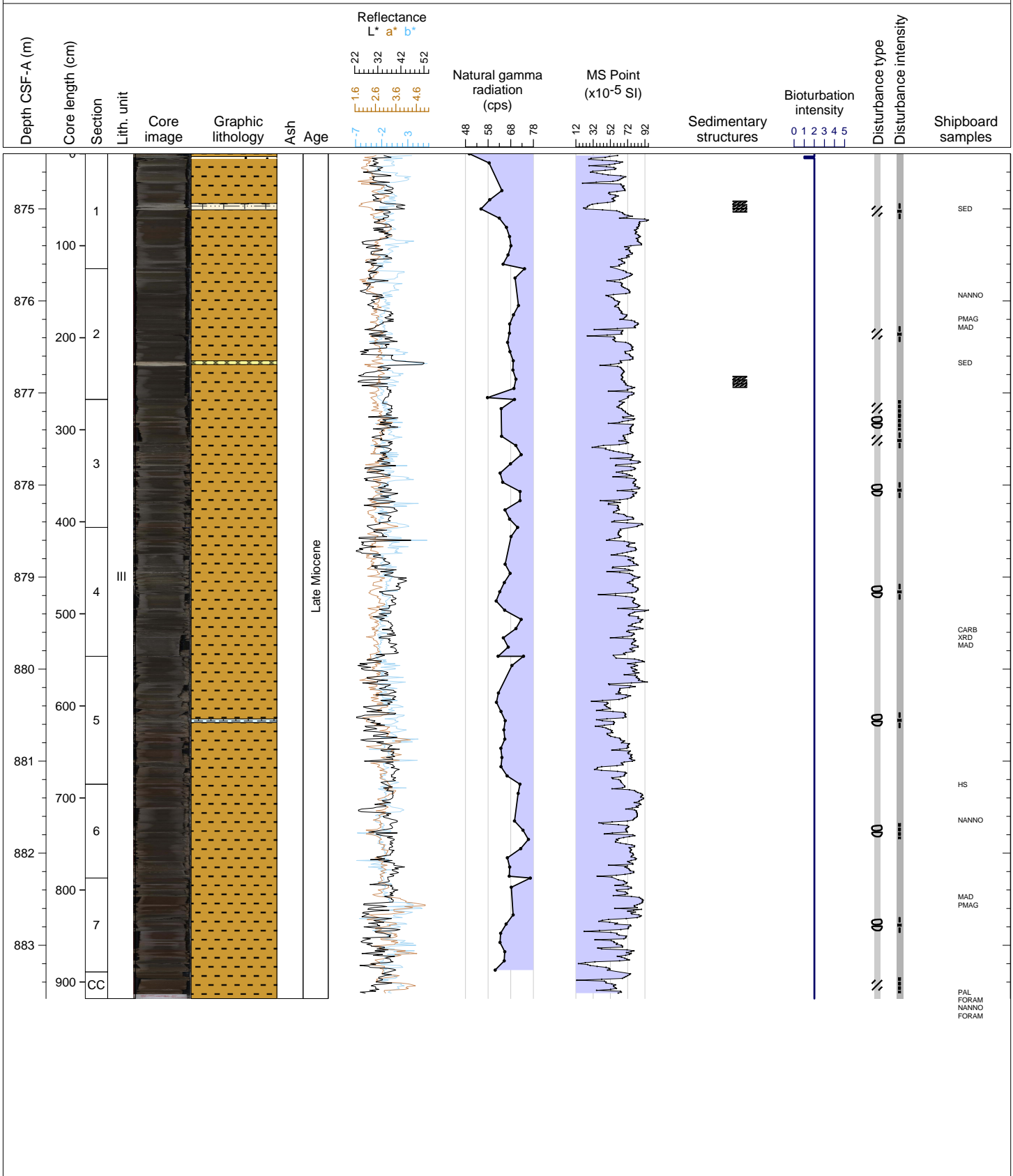
Hole 367-U1500B Core 4R, Interval 864.7-871.84 m (CSF-A)

Core U1500B 4R contains dark grayish brown CLAYSTONE, greenish gray FORAMINIFER-RICH SANDSTONE, with NANNOFOSSIL CHALK and CALCAREOUS-RICH CLAYSTONE intervals. Bioturbation is moderate throughout the core. Interval bottom contacts are bioturbated or planar. The whole core is moderately fractured. There are two foraminifer-rich sandstone intervals, which are arranged into fining upward bed forms. Some claystone intervals contain parallel laminations.



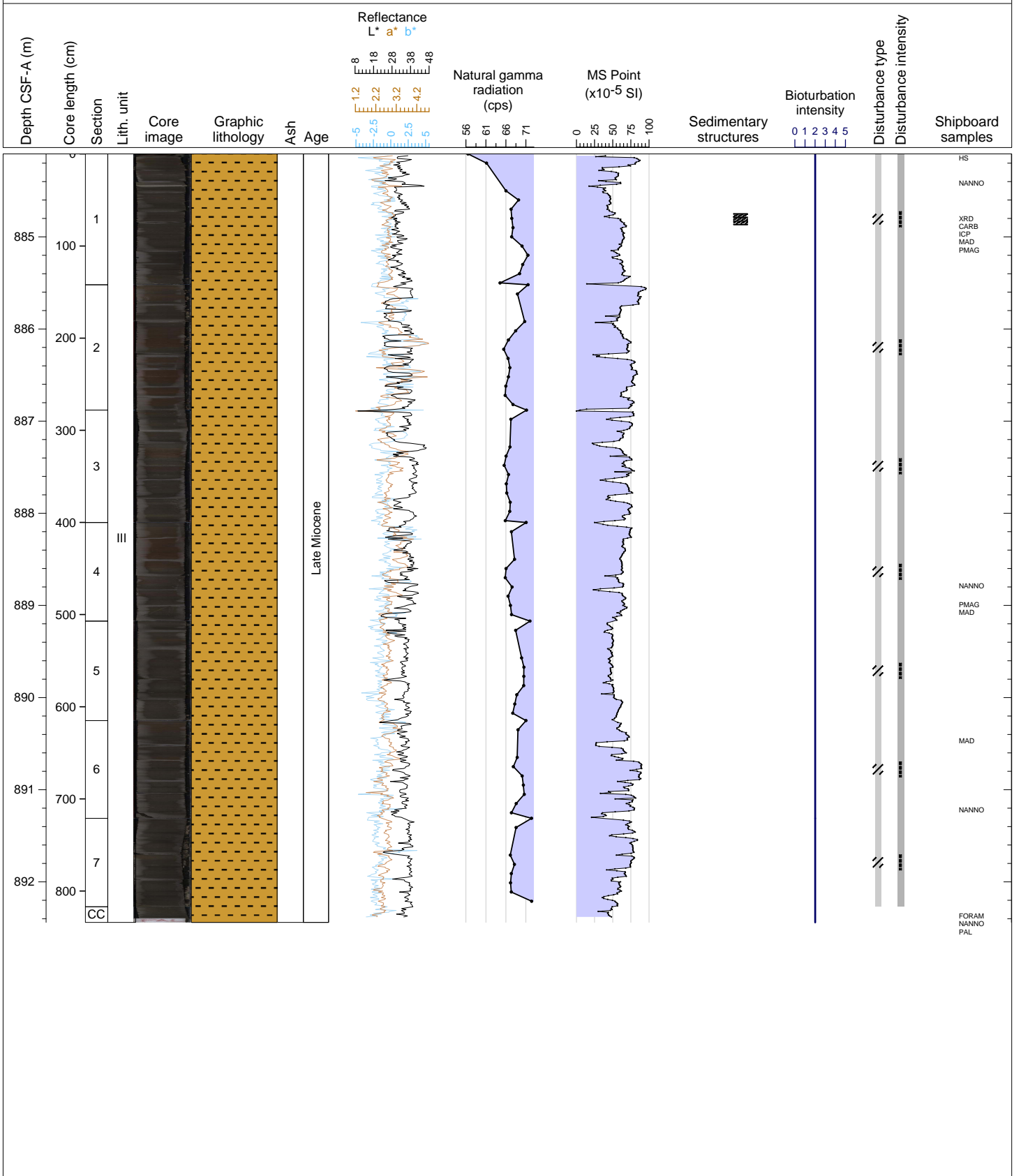
Hole 367-U1500B Core 5R, Interval 874.4-883.58 m (CSF-A)

Core U1500B 5R contains very dark brown, very dark gray to dark grayish brown CLAYSTONE with SANDSTONE, FORAMINIFERAL SANDSTONE, CHALK, and CALCAREOUS-RICH SILTSTONE intervals. Bioturbation is moderate throughout the core. Drilling disturbance is slight to moderate throughout the core in the form of fractures and biscuiting. Some of the sandstone and claystone intervals contain parallel laminations.



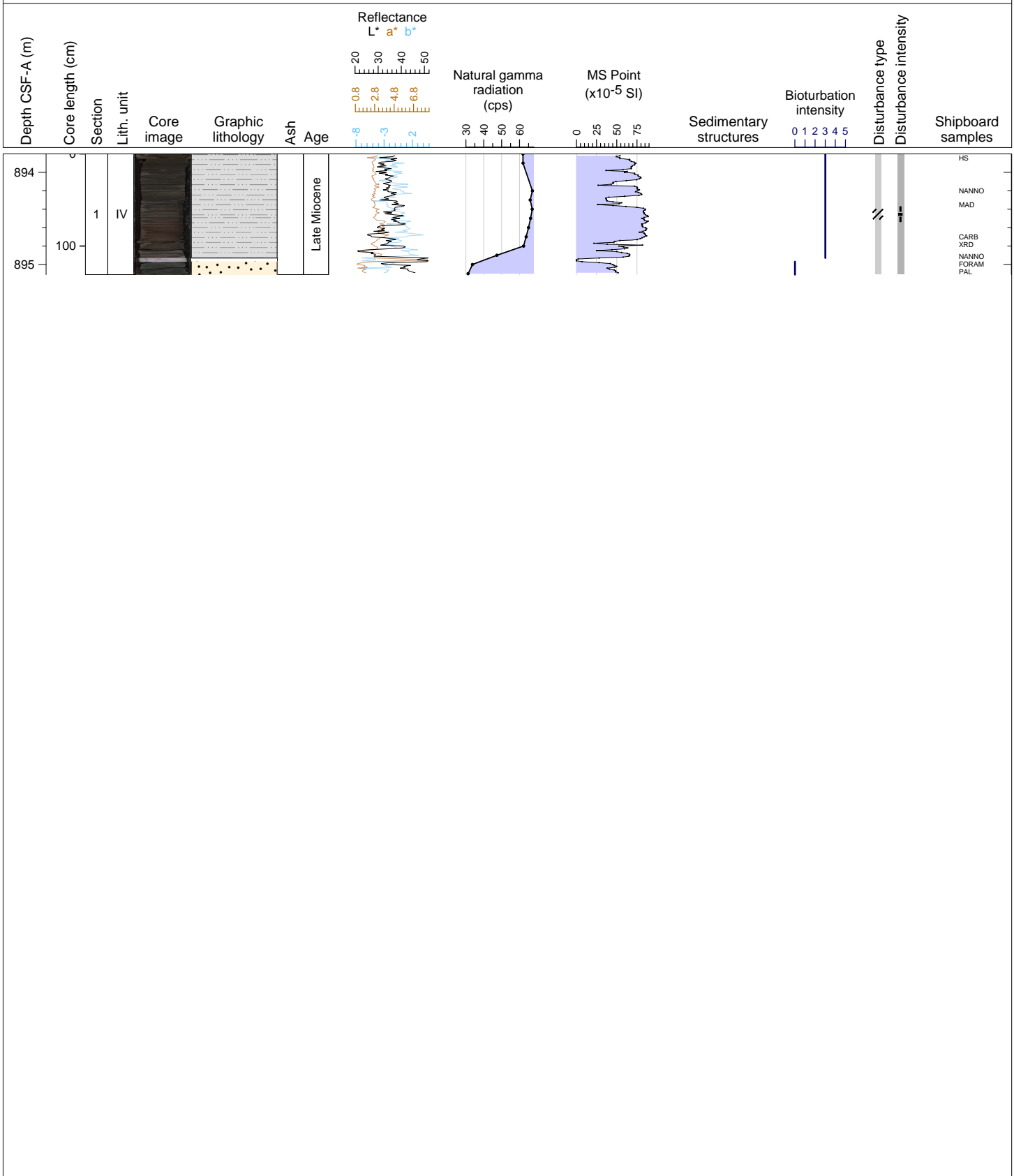
Hole 367-U1500B Core 6R, Interval 884.1-892.44 m (CSF-A)

Core U1500B-6R contains very dark gray CLAYSTONE with very thin (<1-2 cm) sandstone interbeds.



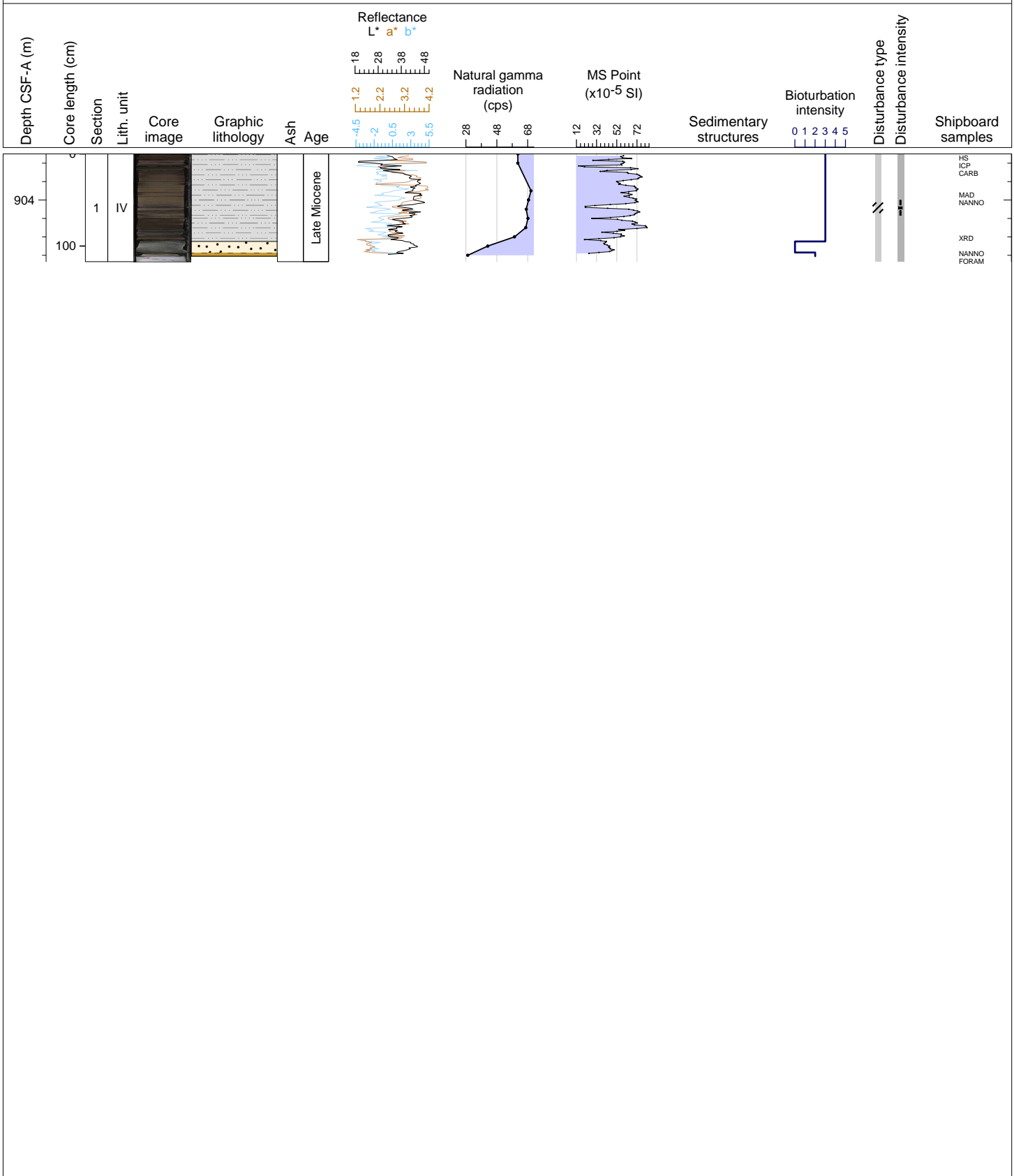
Hole 367-U1500B Core 7R, Interval 893.8-895.11 m (CSF-A)

Core U1500B 7R contains very dark gray SILTY CLAYSTONE and very dark greenish gray SANDSTONE. Bioturbation is heavy within the silty claystone interval and not observed in the sandstone interval. The core is moderately fractured throughout.



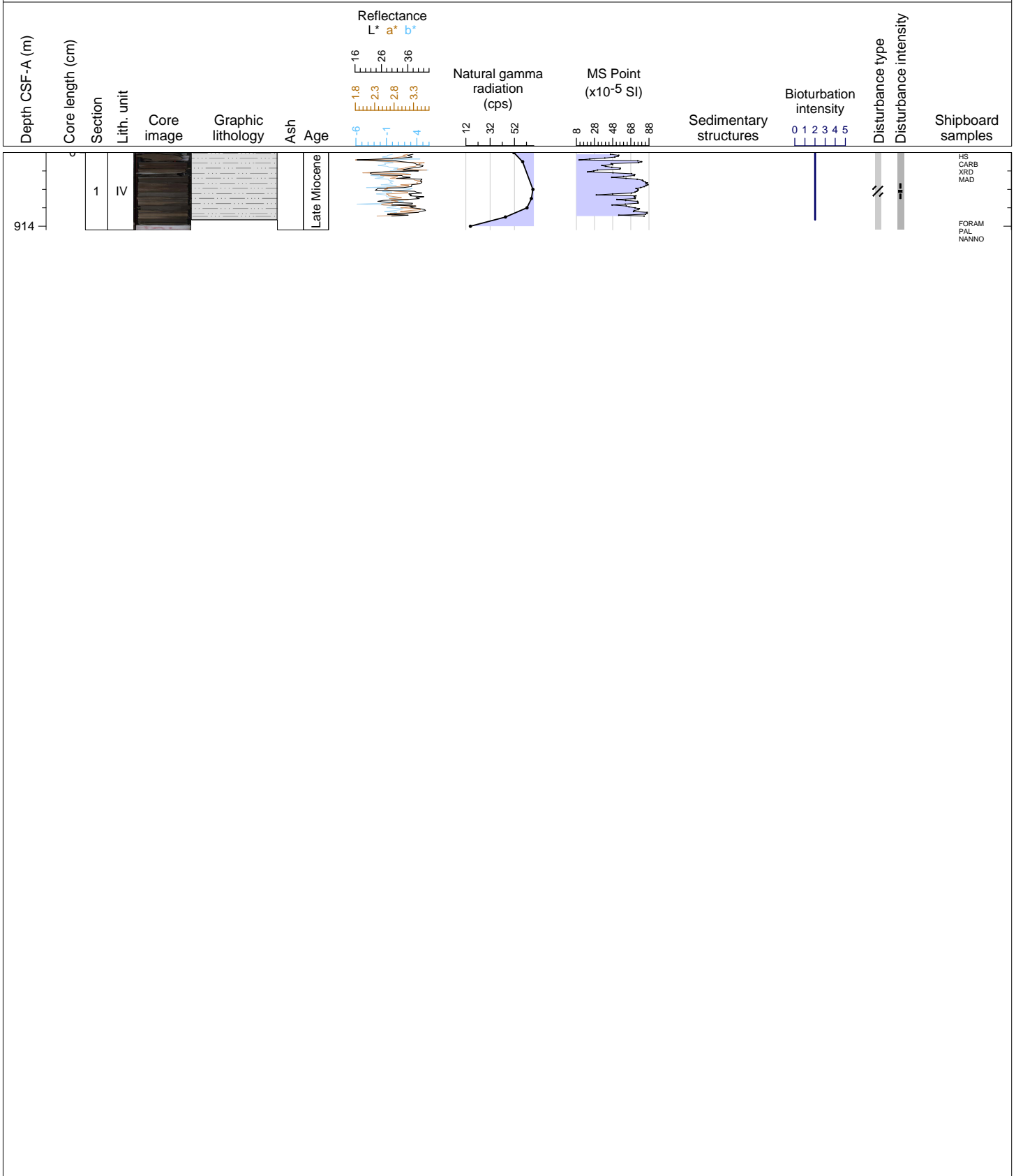
Hole 367-U1500B Core 8R, Interval 903.5-904.67 m (CSF-A)

Core U1500B 8R contains very dark grayish brown SILTY CLAYSTONE, very dark greenish gray SANDSTONE, and dark greenish gray CLAYSTONE. Bioturbation is moderate to heavy throughout. The core is moderately fractured.



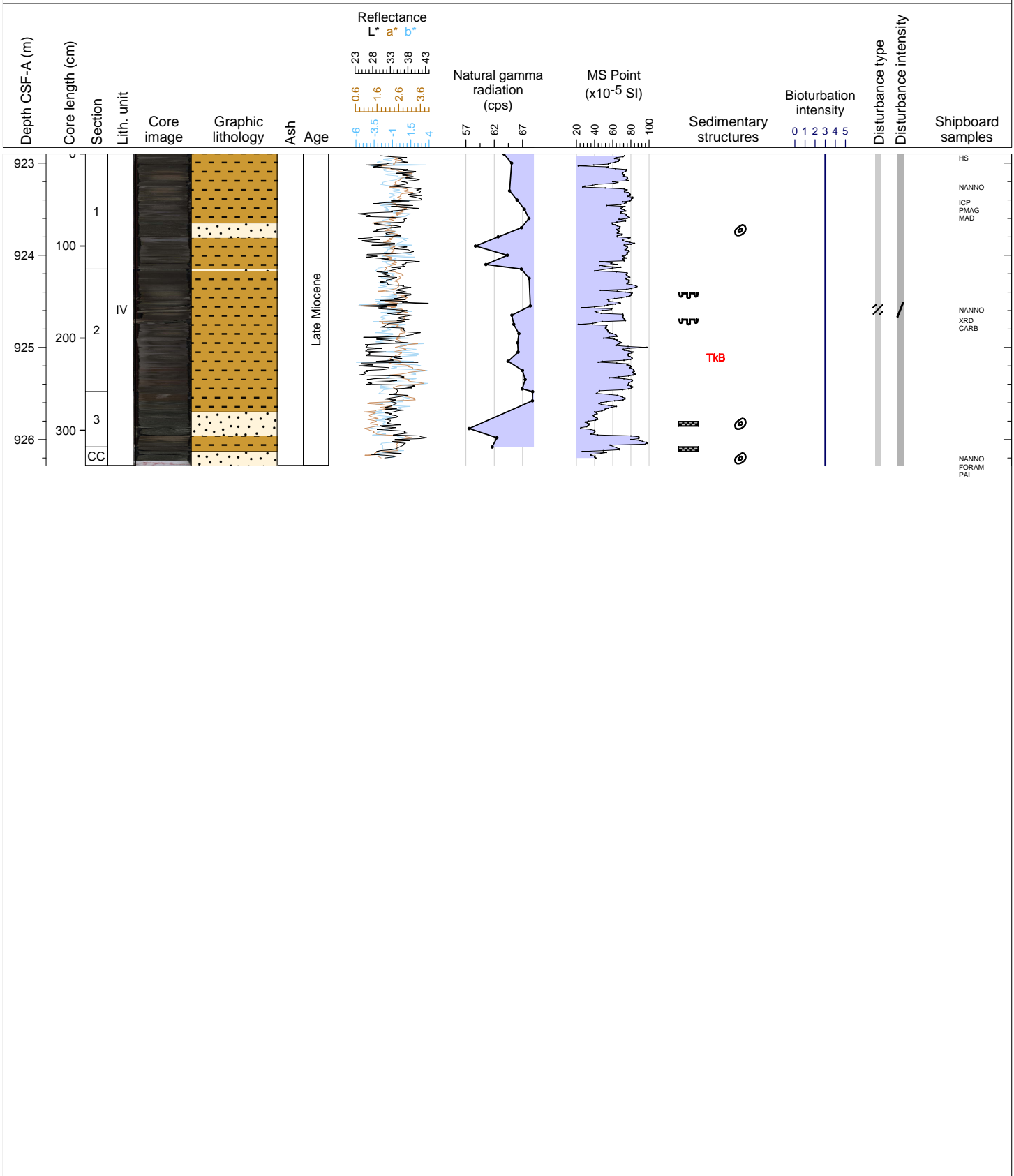
Hole 367-U1500B Core 9R, Interval 913.2-914.04 m (CSF-A)

Core U1500B 9R contains very dark grayish brown SILTY CLAYSTONE with SAND. Bioturbation is moderate throughout. The core is moderately fractured.



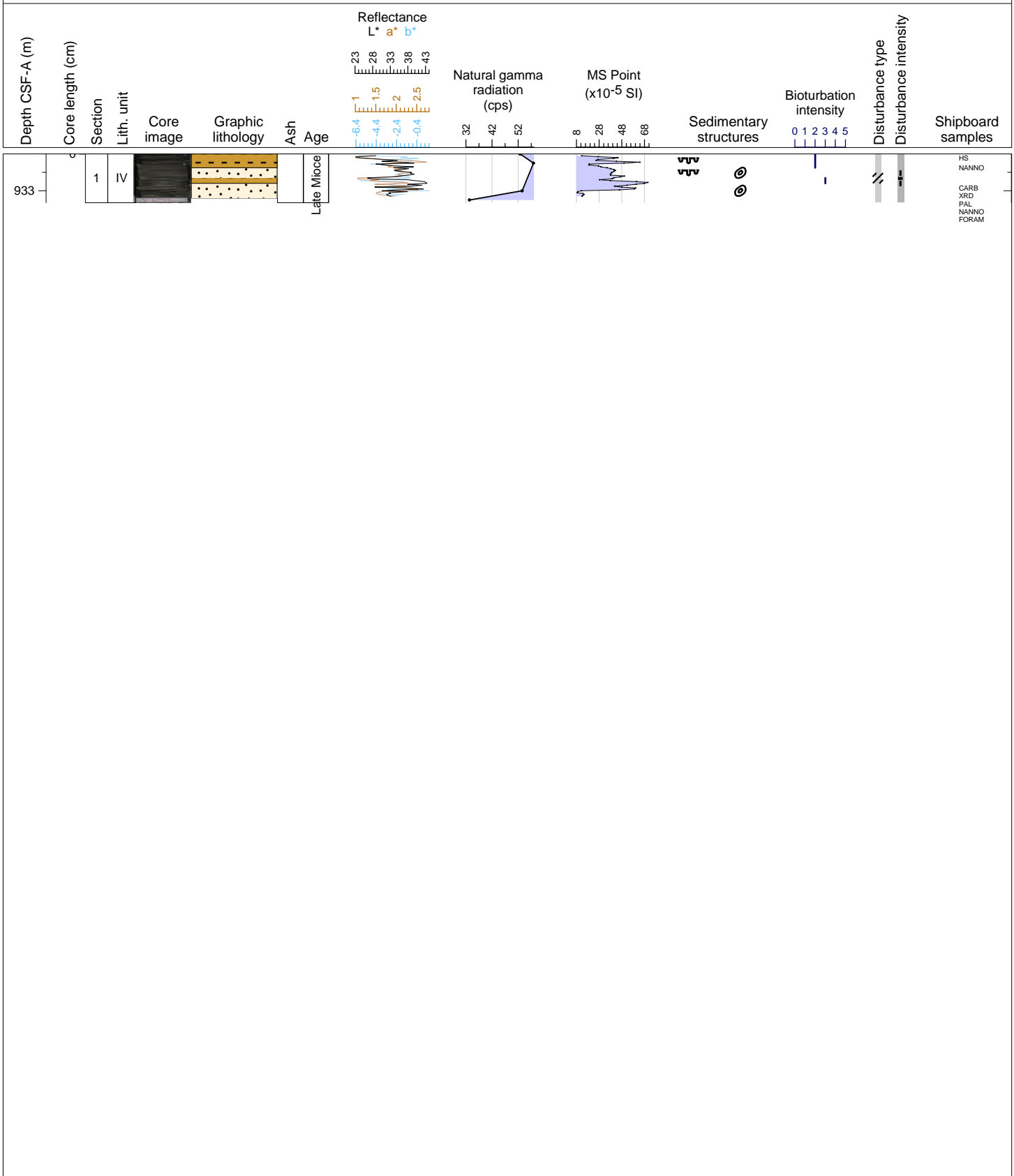
Hole 367-U1500B Core 10R, Interval 922.9-926.28 m (CSF-A)

Core U1500B 10R contains very dark grayish CLAYSTONE, and SANDSTONE with mud clasts interbeds. Bioturbation is heavy throughout. The drilling disturbance is slight to moderate fractured.



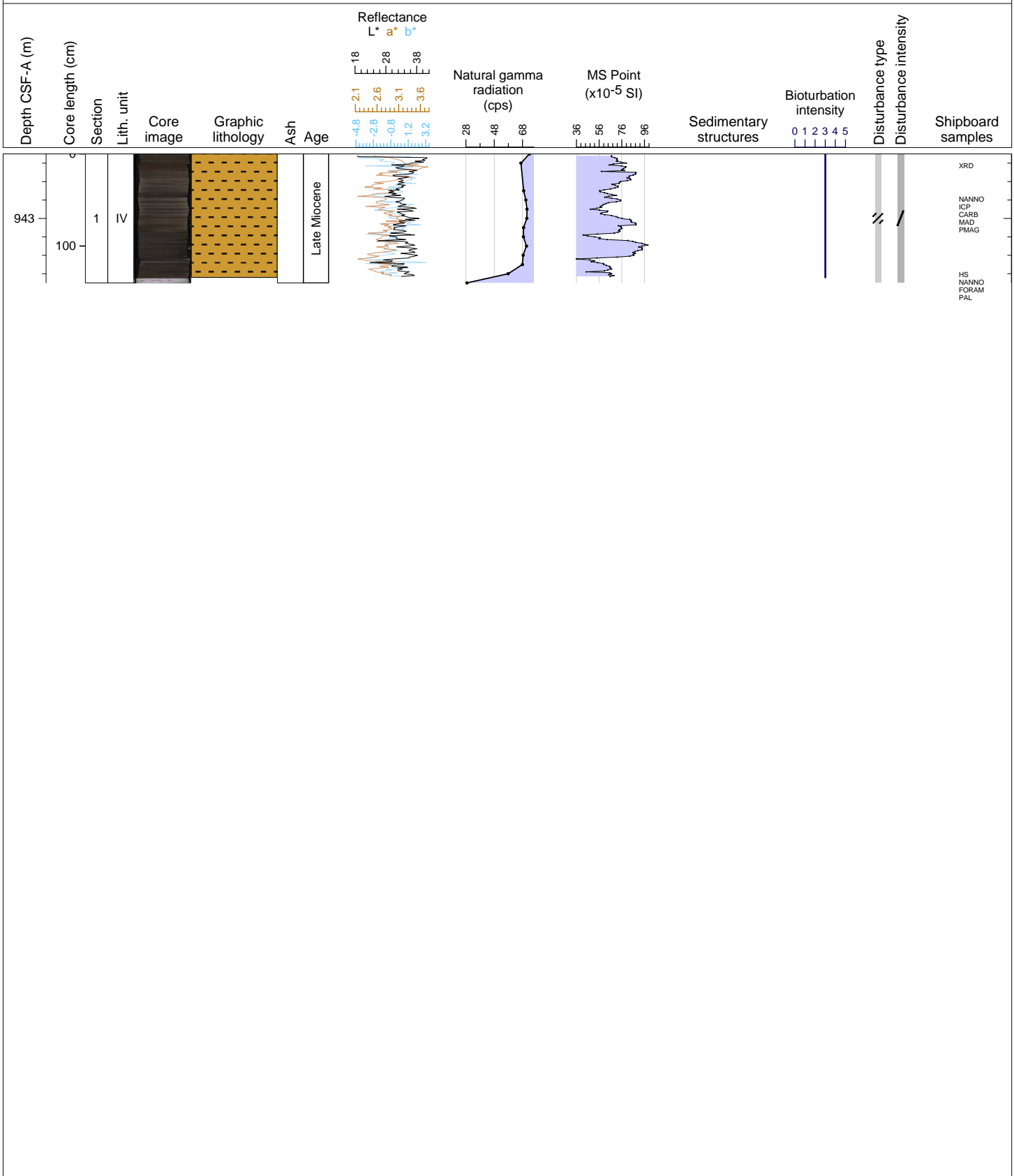
Hole 367-U1500B Core 11R, Interval 932.6-933.13 m (CSF-A)

Core U1500B 11R contains dark greenish gray CLAYSTONE and SANDSTONE WITH CLAY. The clay in the sandstone intervals occurs as mud clasts. Bioturbation is present only in claystone intervals. Only 53 cm of core was recovered. The core is moderately fractured.



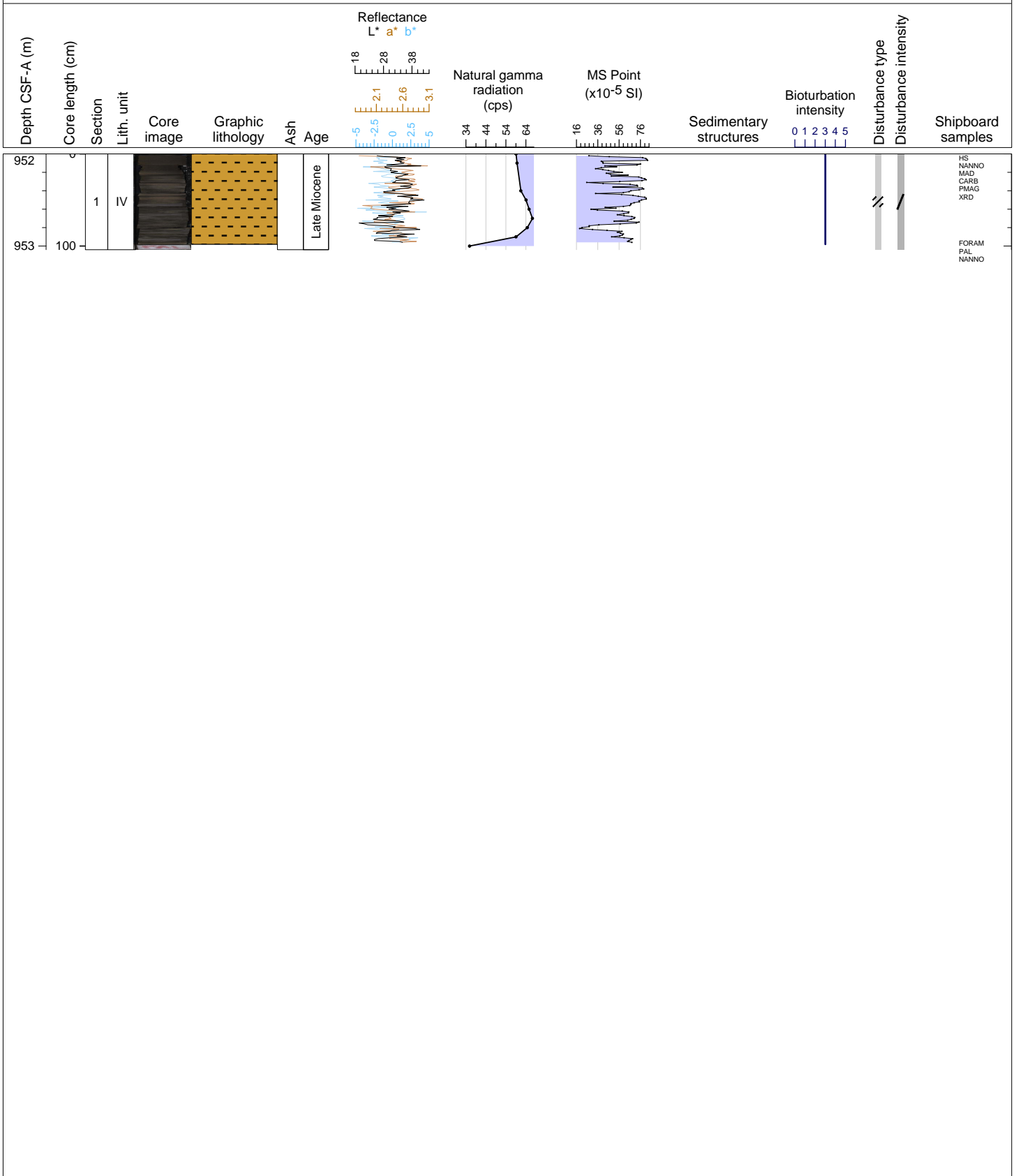
Hole 367-U1500B Core 12R, Interval 942.3-943.7 m (CSF-A)

Core U1500B 12R contains very dark gray CLAYSTONE. Bioturbation is heavy throughout. Drilling disturbance is slight to moderate fracturing. Only 140 cm was recovered.



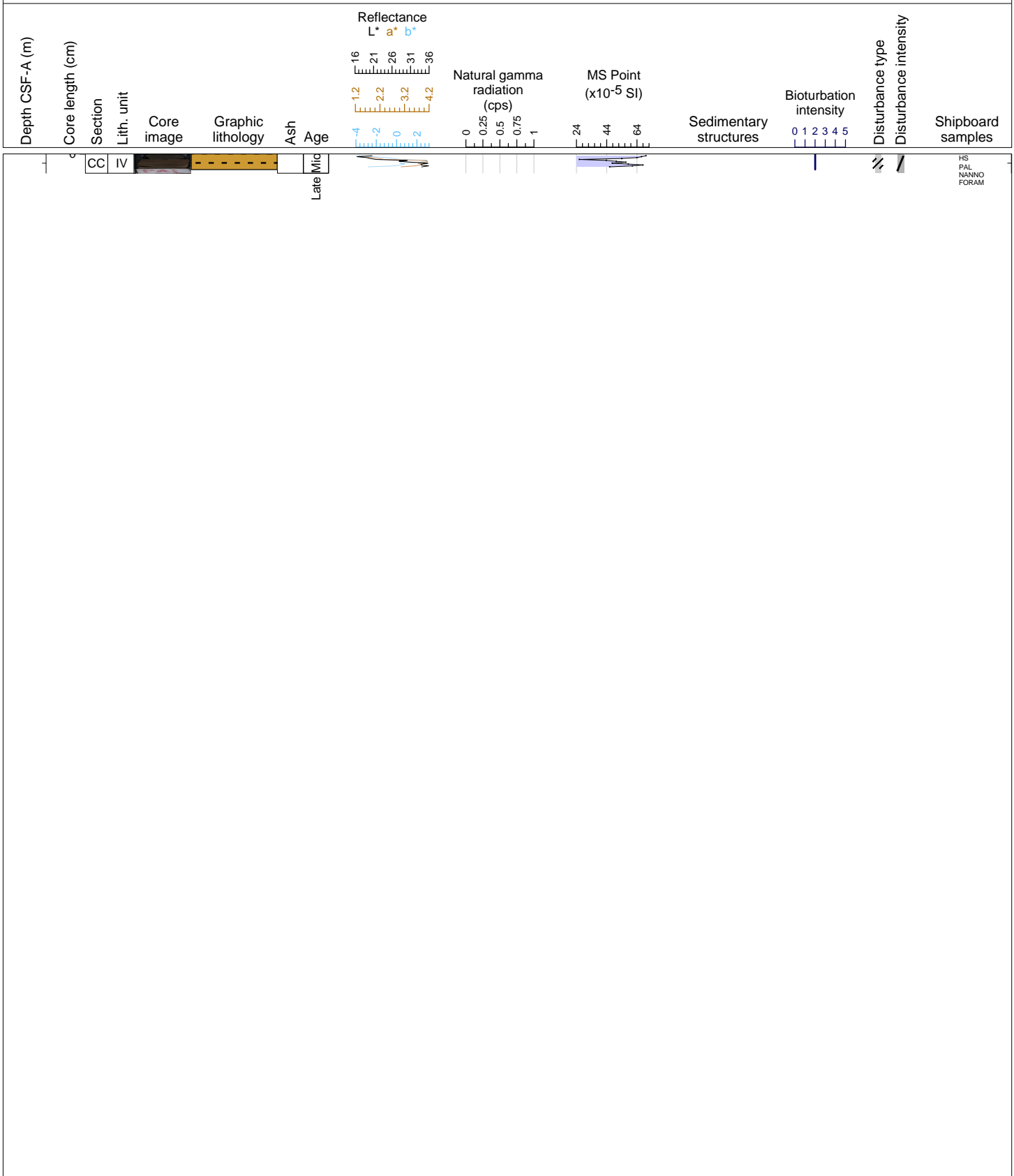
Hole 367-U1500B Core 13R, Interval 952.0-953.04 m (CSF-A)

Core U1500B 13R contains very dark gray CLAYSTONE. Bioturbation is heavy throughout. Drilling disturbance is slight to moderate fracturing. Only 104 cm was recovered.



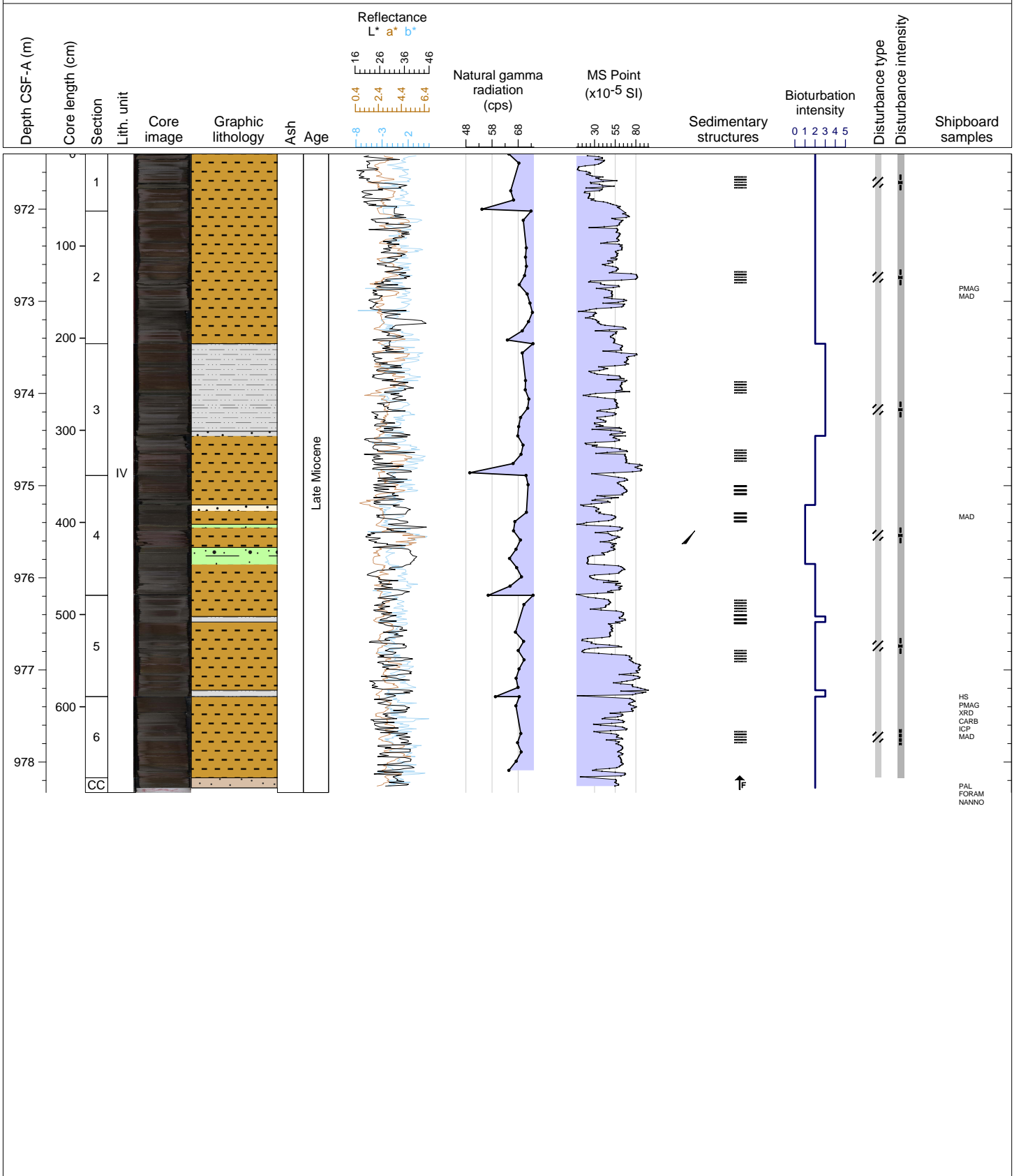
Hole 367-U1500B Core 14R, Interval 961.7-961.91 m (CSF-A)

Core U1500B 14R contains dark brown CLAYSTONE. Bioturbation is moderate throughout. Drilling disturbance is slight to moderate fracturing. Only 21 cm was recovered.



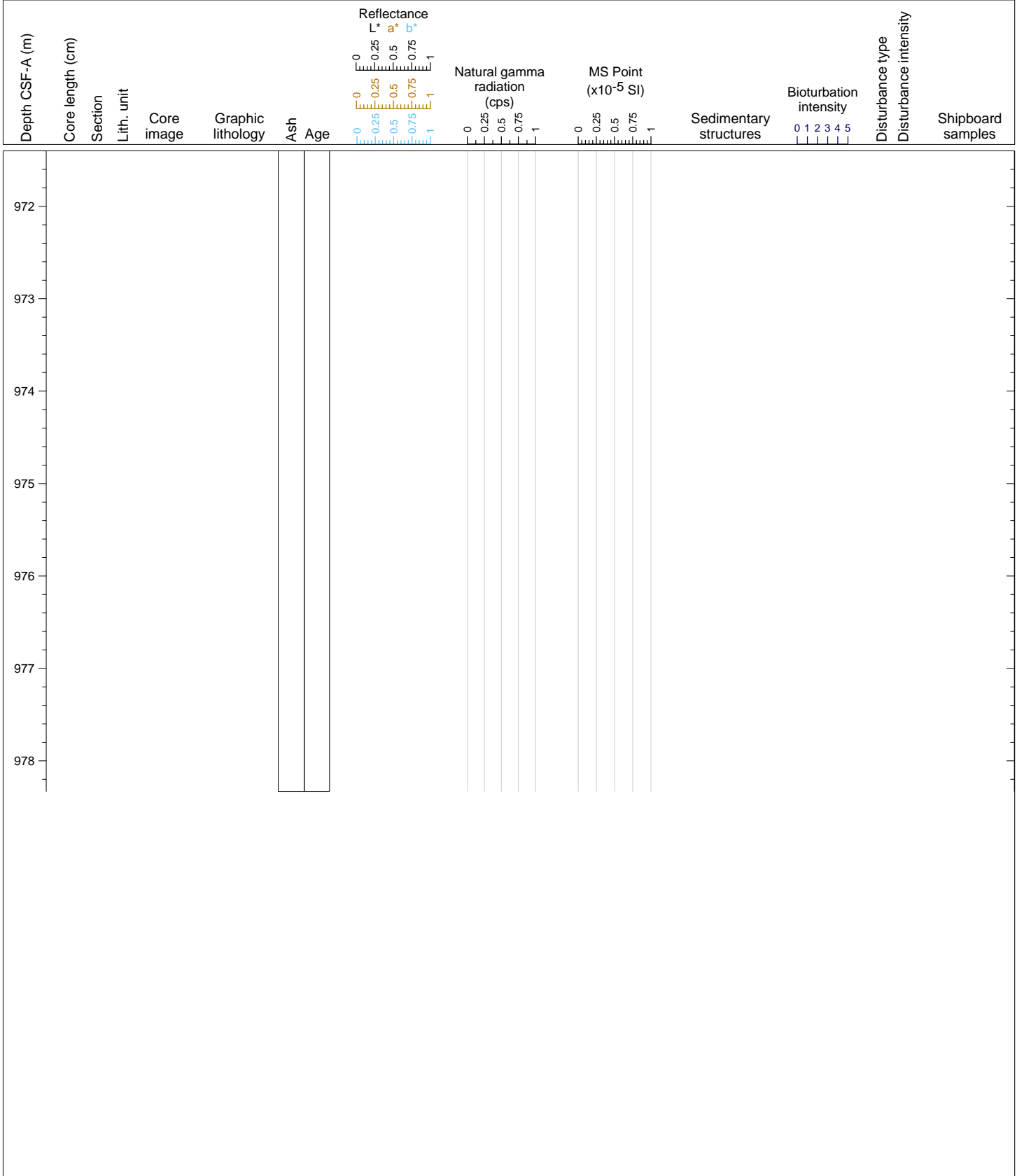
Hole 367-U1500B Core 15R, Interval 971.4-978.33 m (CSF-A)

Core U1500B 15R contains moderately bioturbated dark gray to dark brown CLAYSTONE and SILTY CLAYSTONE. The claystone intervals are sparsely interbedded with SANDSTONE intervals that contain foraminifer tests.



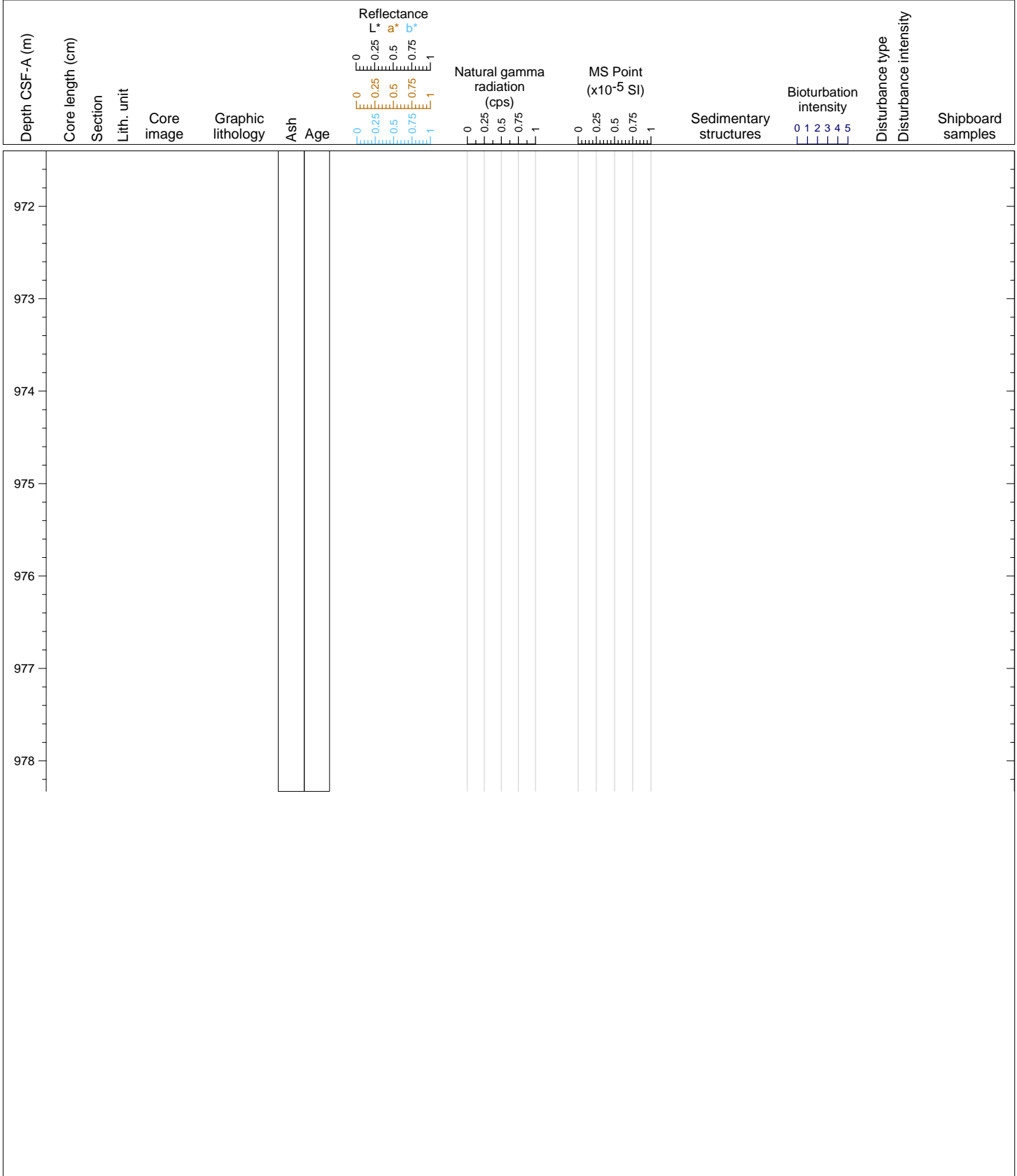
Hole 367-U1500B Core 16R, Interval 981.1-981.1 m (CSF-A)

NO RECOVERY



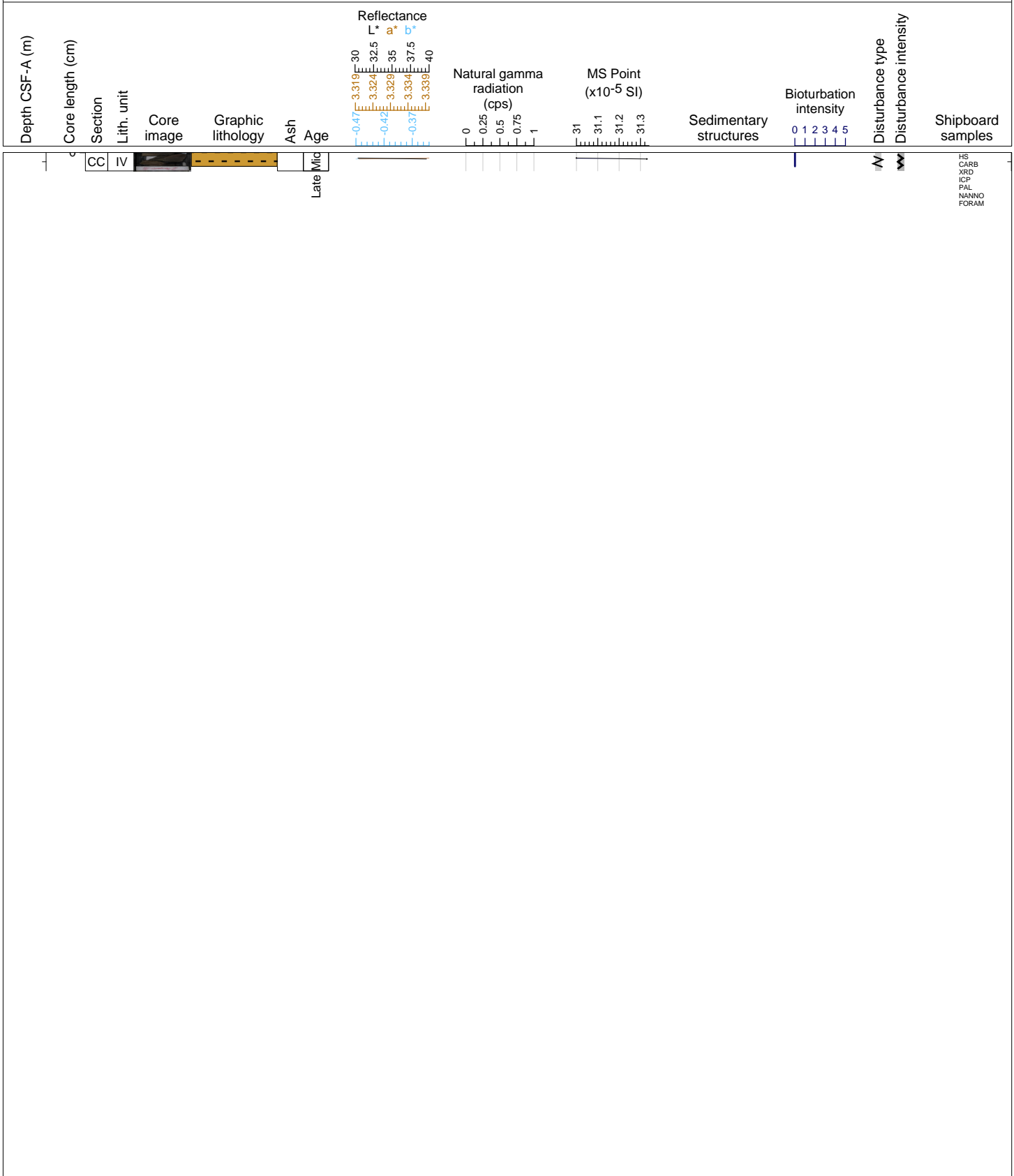
Hole 367-U1500B Core 17R, Interval 990.8-990.8 m (CSF-A)

NO RECOVERY



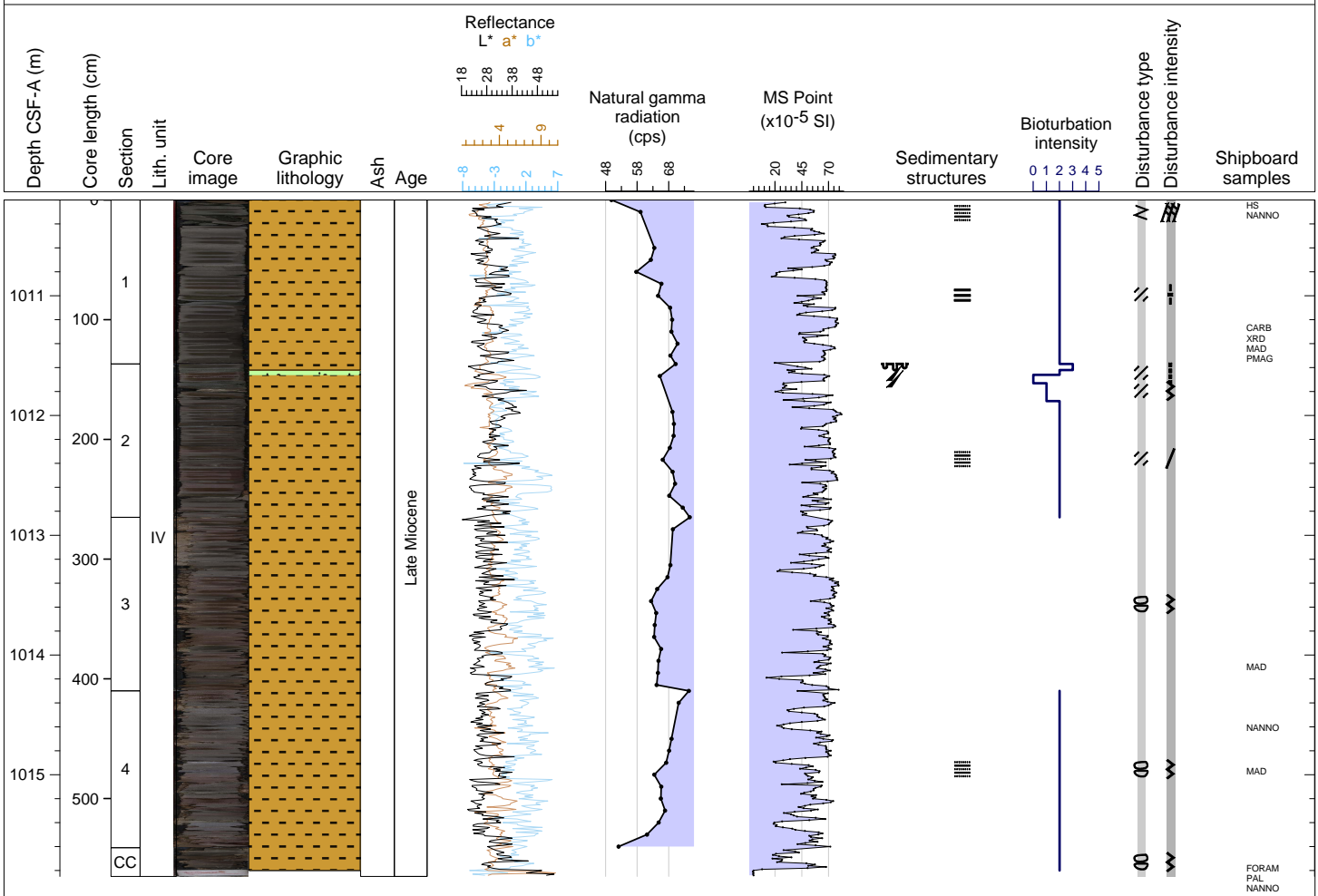
Hole 367-U1500B Core 18R, Interval 1000.5-1000.7 m (CSF-A)

Core U1500B 18R contains a short (16 cm) interval of highly fractured, very dark grayish brown CLAYSTONE.



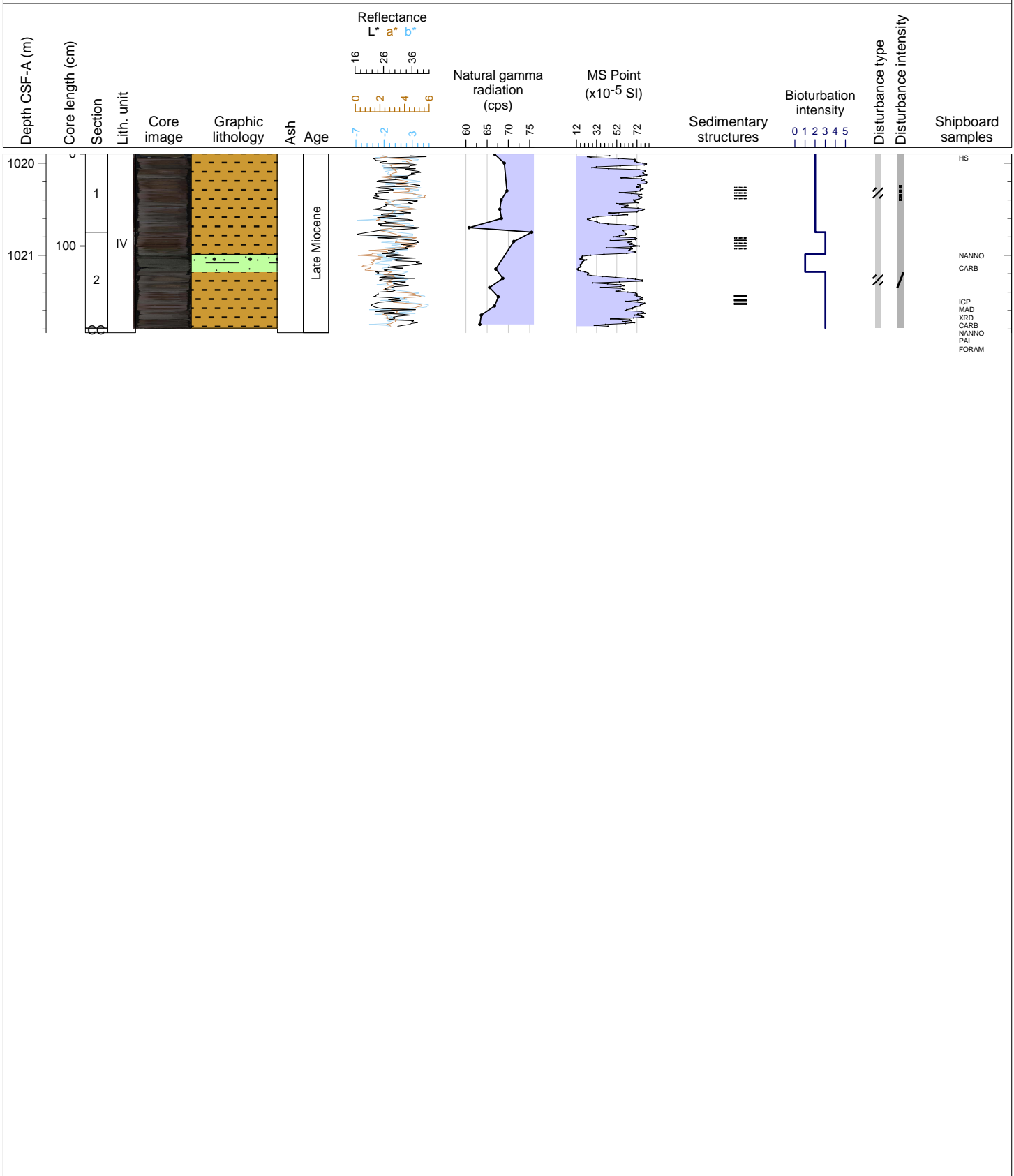
Hole 367-U1500B Core 19R, Interval 1010.2-1015.85 m (CSF-A)

Core U1500B 19R contains moderately bioturbated, dark gray to dark brown CLAYSTONE with thin interlaminae of silt. In Sections 1 and 2, the claystone is interbedded with dark gray, medium- to fine-grained sandstone.



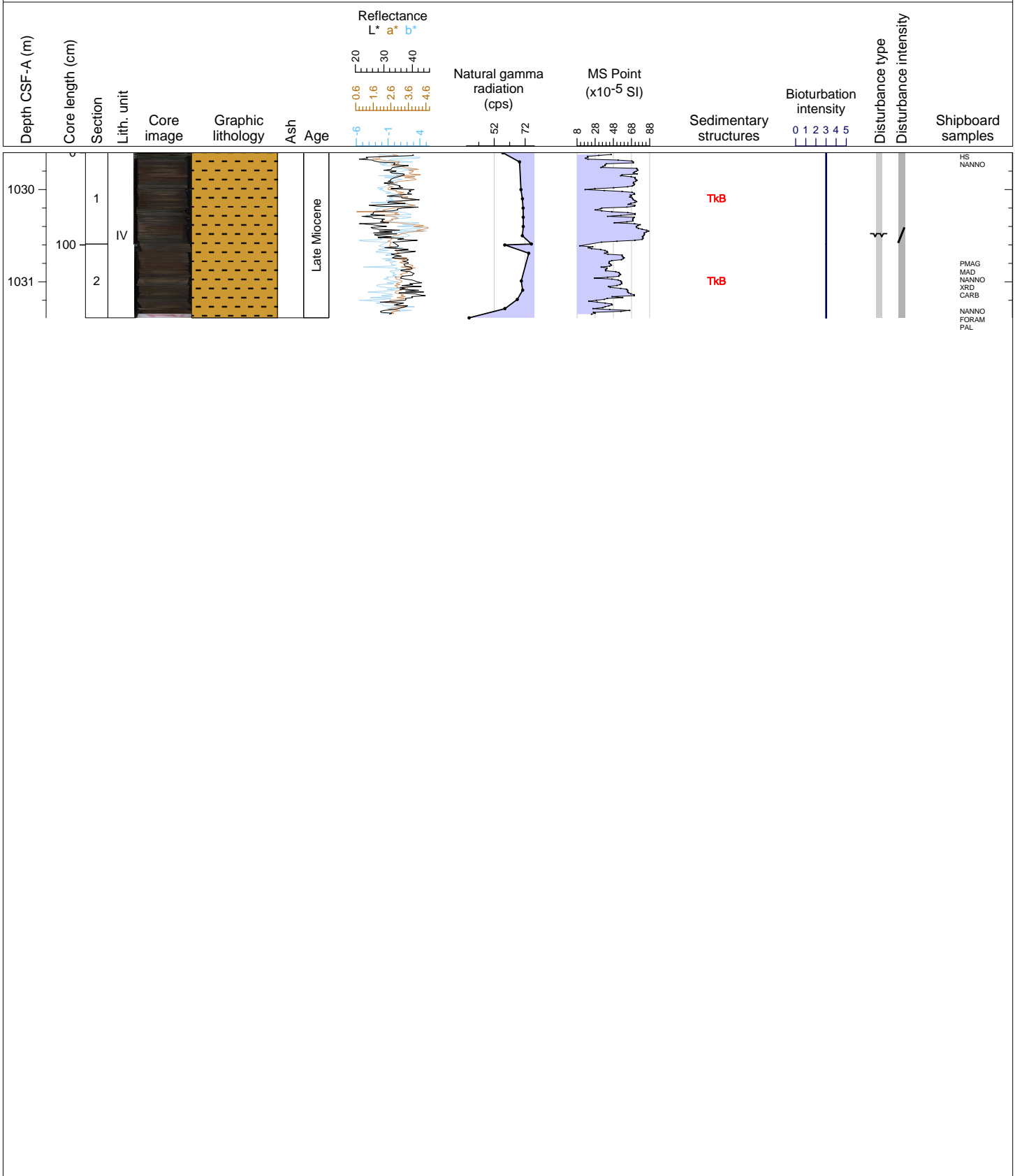
Hole 367-U1500B Core 20R, Interval 1019.9-1021.84 m (CSF-A)

Core U1500B 20R contains moderately to heavily bioturbated, dark brown CLAYSTONE. In section 2, a 20 cm thick bed of SANDSTONE WITH FORAMINERA includes centimeter-scale mud lenses.



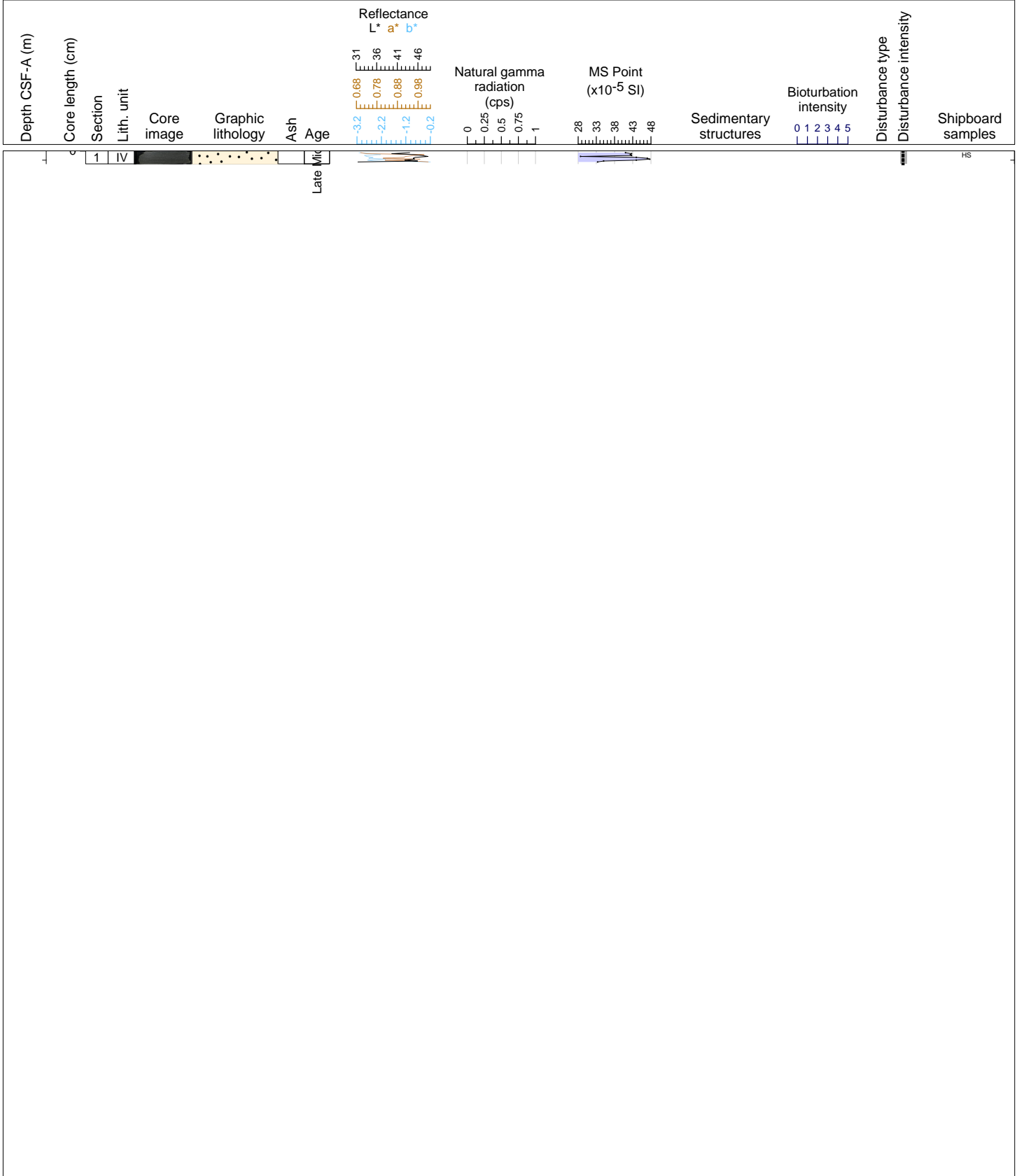
Hole 367-U1500B Core 21R, Interval 1029.6-1031.39 m (CSF-A)

Core U1500B 21R contains dark grayish brown CLAYSTONE with heavy bioturbation.



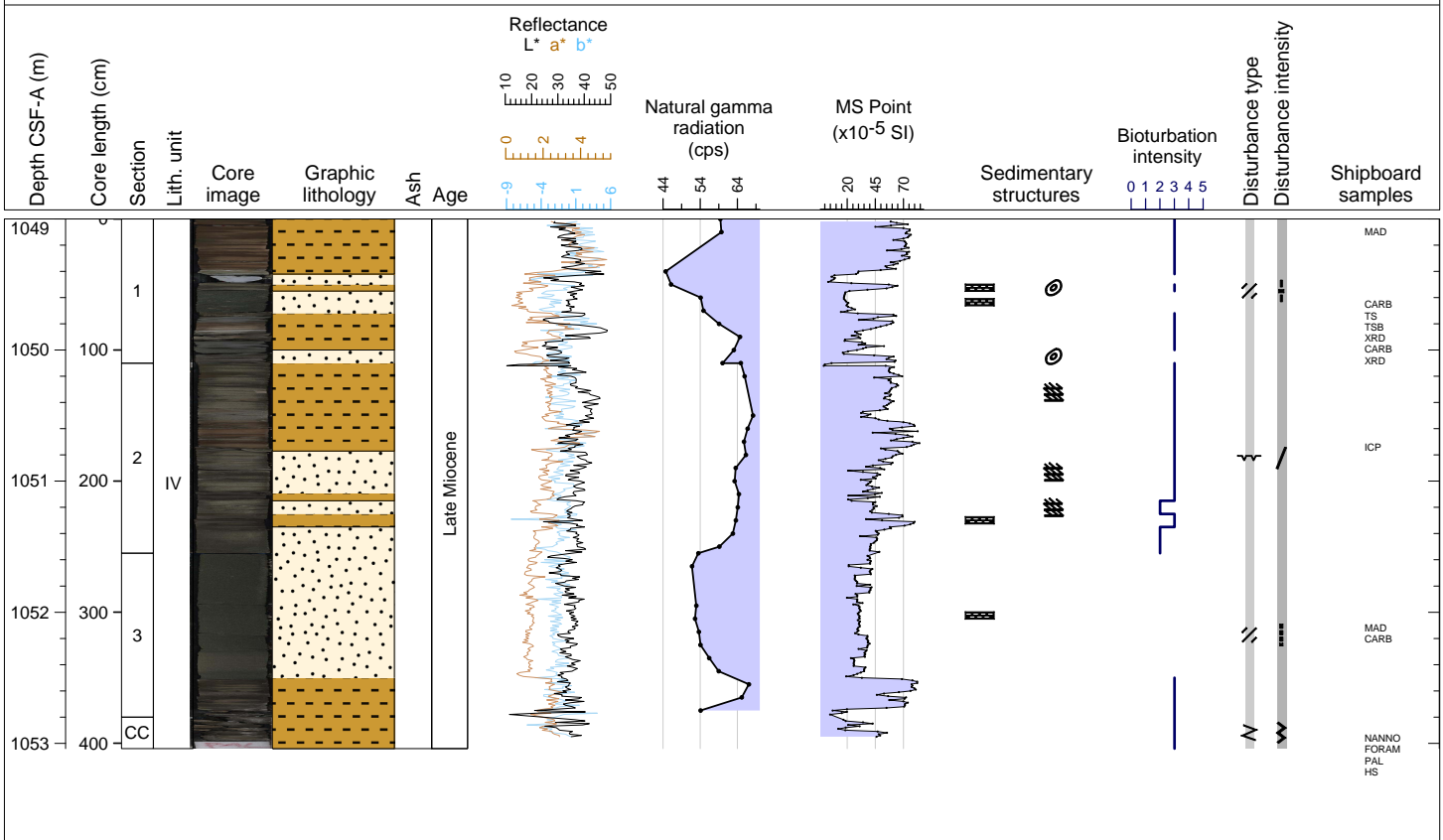
Hole 367-U1500B Core 22R, Interval 1039.3-1039.44 m (CSF-A)

Core U1500B 22R contains a short (14 cm) greenish gray SANDSTONE.



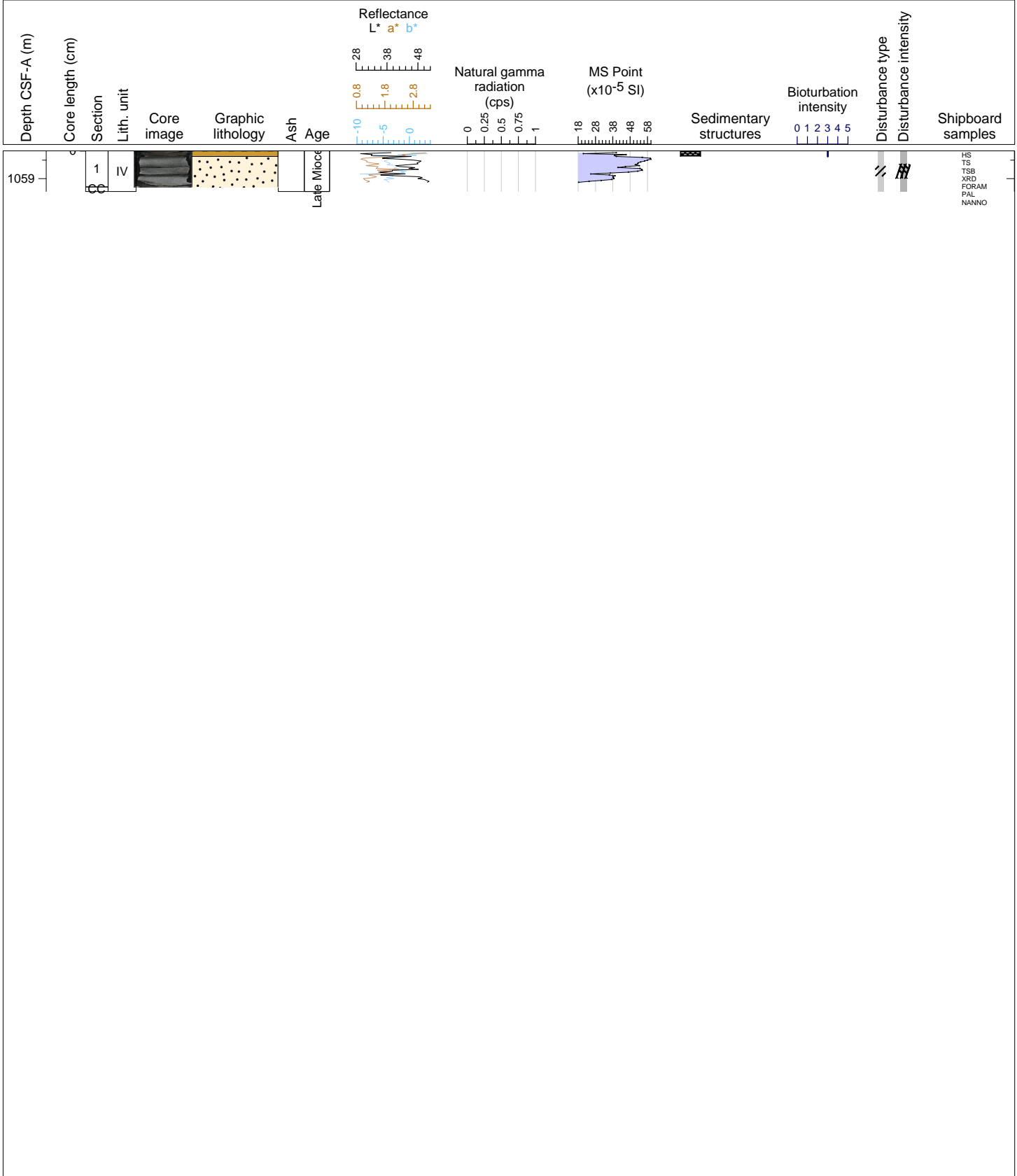
Hole 367-U1500B Core 23R, Interval 1049.0-1053.04 m (CSF-A)

Core U1500B 23R contains very dark gray CLAYSTONE and SANDSTONE interbeds. The interlamination and mud clasts occurred in the sandstone.



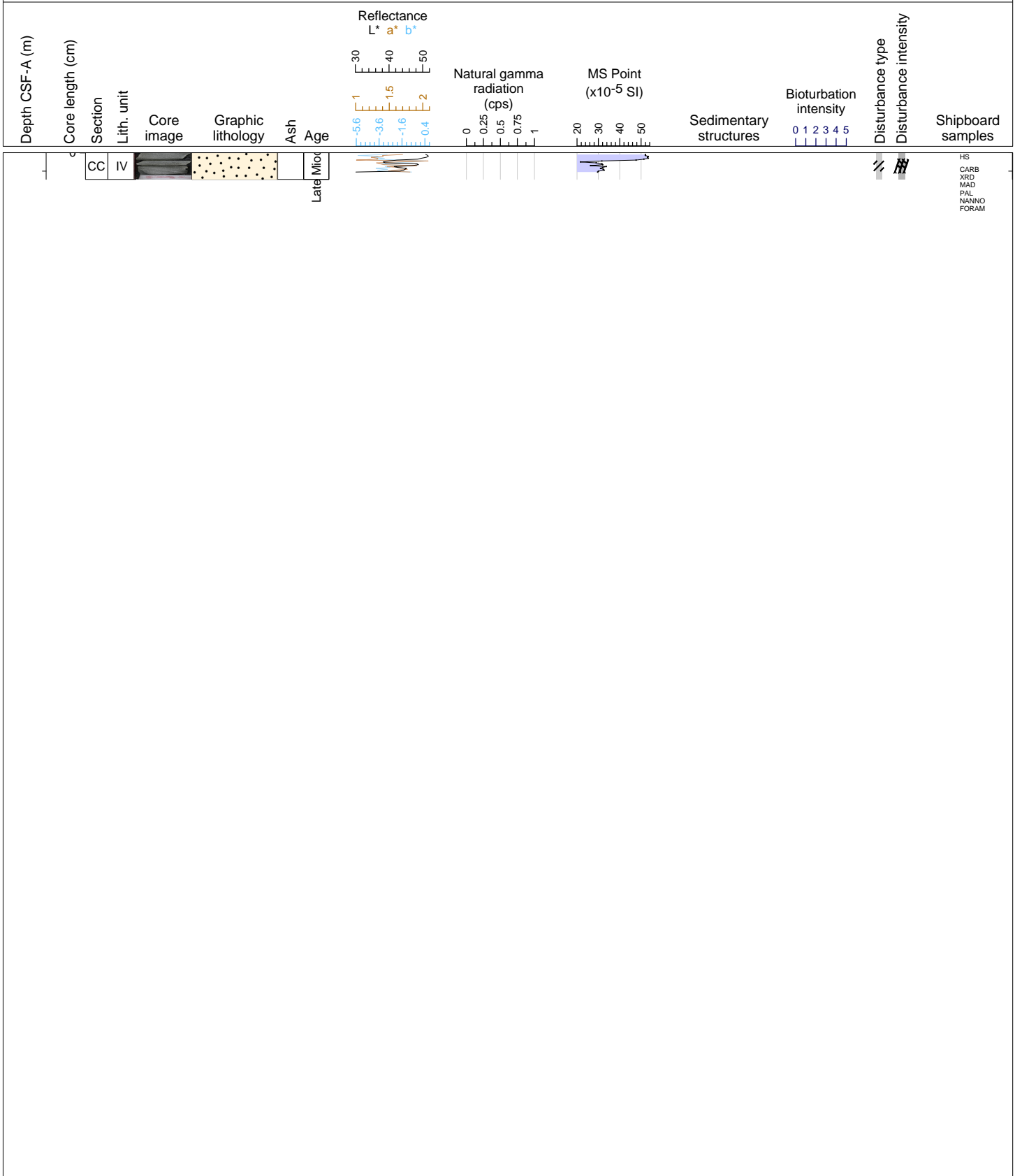
Hole 367-U1500B Core 24R, Interval 1058.7-1059.14 m (CSF-A)

Core U1500B 24R contains a very dark gray CLAYSTONE and light gray SANDSTONE.



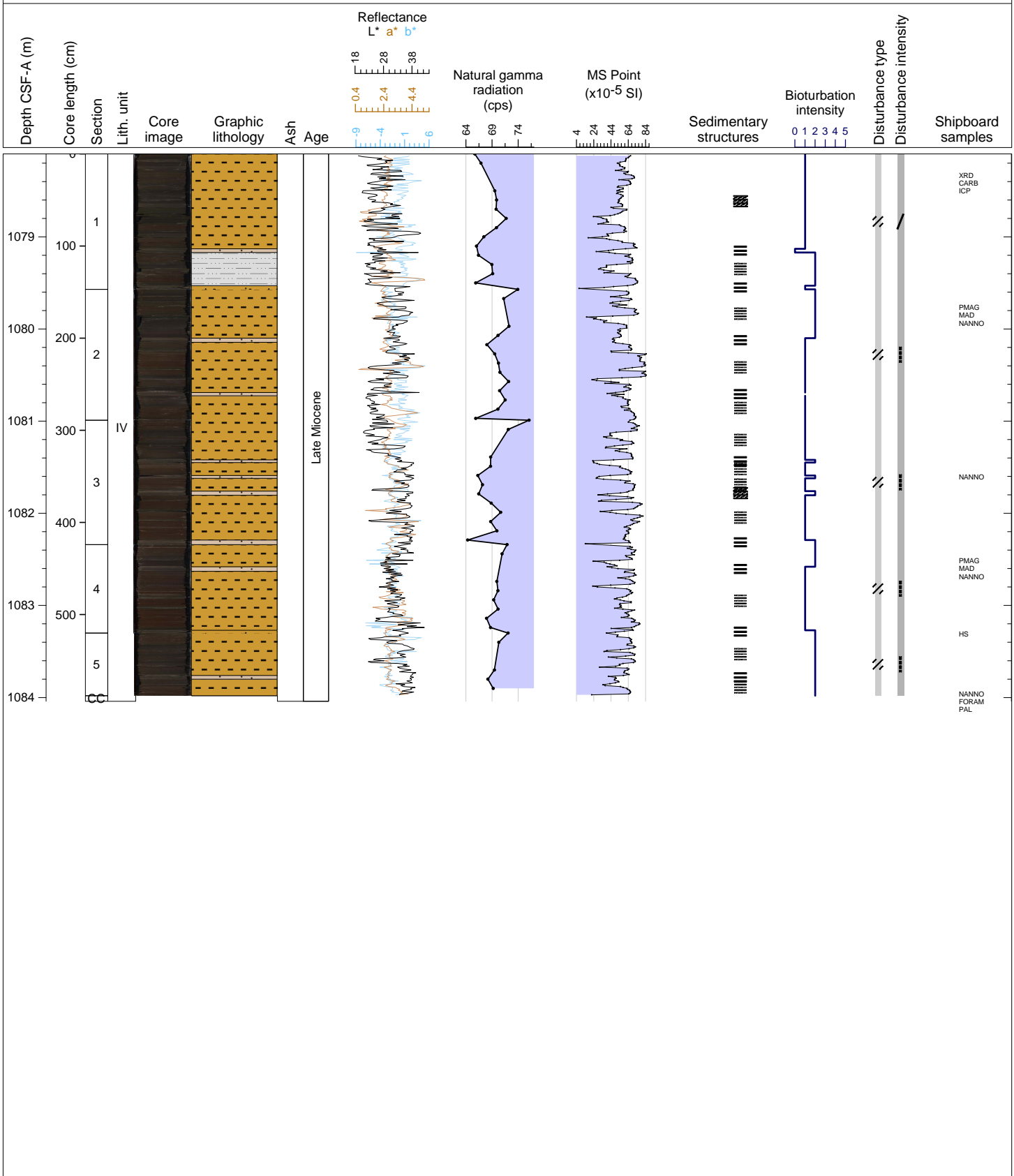
Hole 367-U1500B Core 25R, Interval 1068.4-1068.69 m (CSF-A)

Core U1500B 25R contains light gray SANDSTONE.



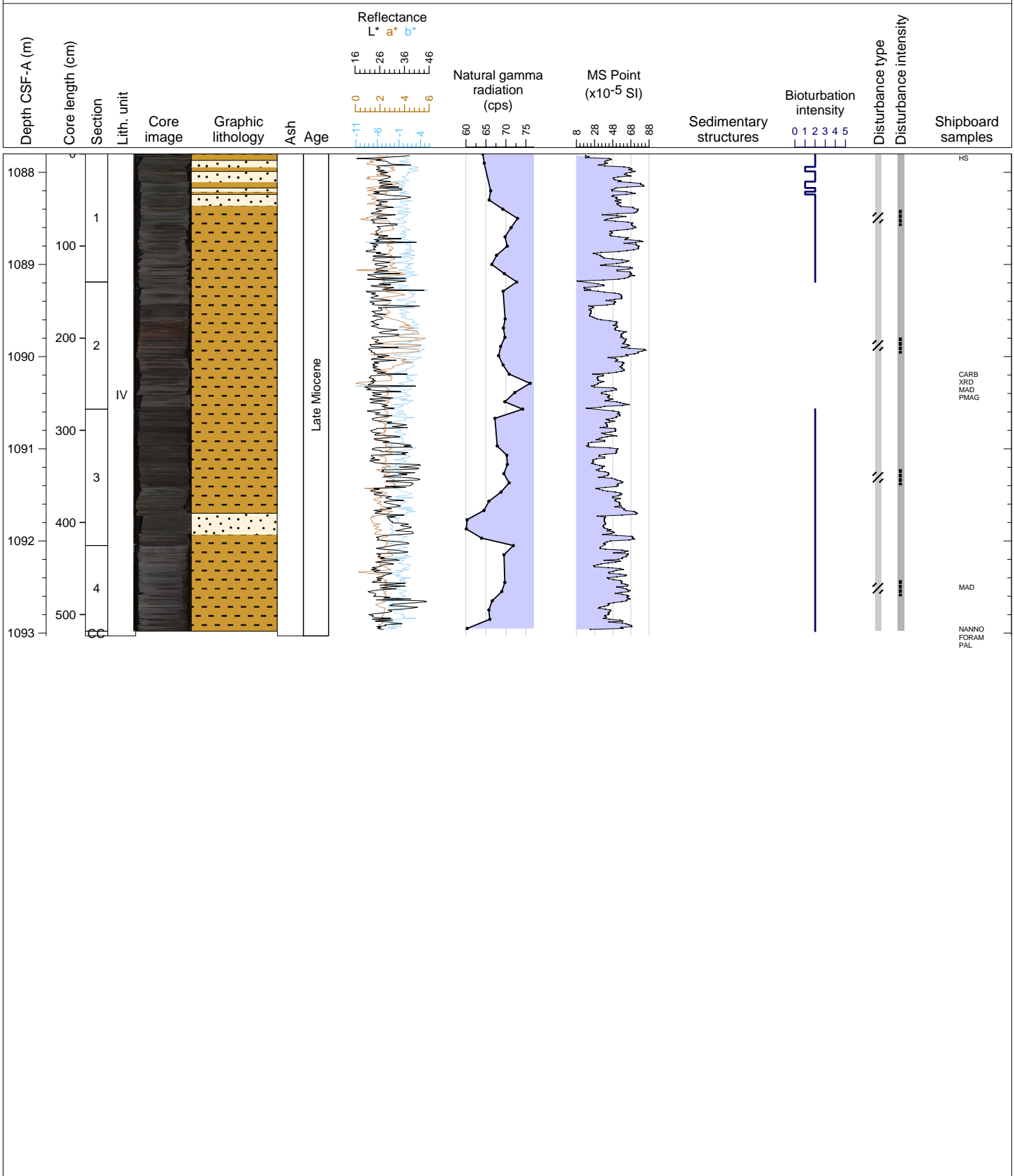
Hole 367-U1500B Core 26R, Interval 1078.1-1084.04 m (CSF-A)

Core U1500B 26R contains very dark gray to dark brown CLAYSTONE, CLAYSTONE with SILT, and SILTSTONE. Bioturbation is slight to moderate throughout the core. Color banding and parallel laminations are also present in patterns throughout each section. The core is slightly fractured due to drilling disturbances.



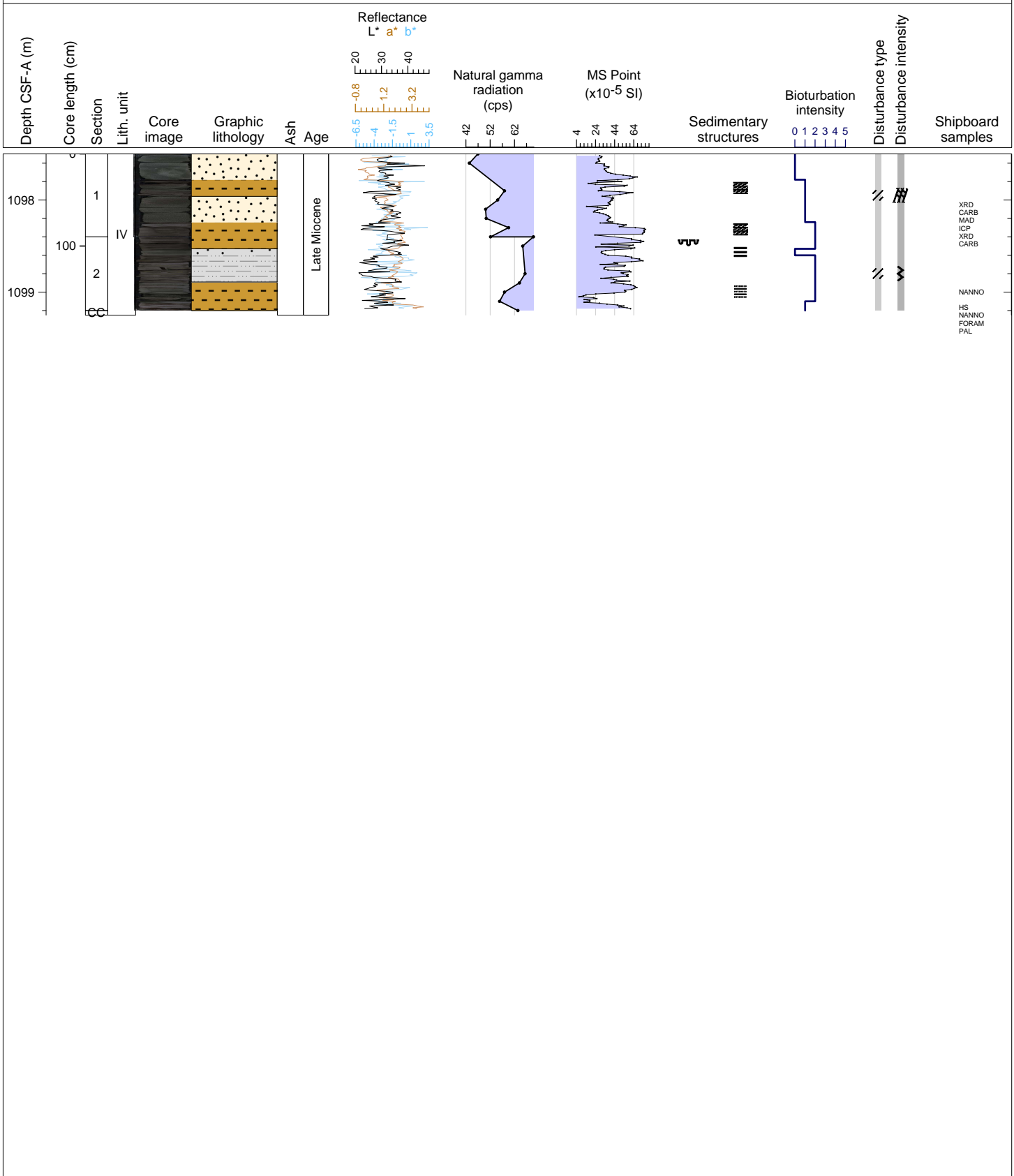
Hole 367-U1500B Core 27R, Interval 1087.8-1093.03 m (CSF-A)

Core U1500B 27R contains very dark gray to dark brown CLAYSTONE, CLAYSTONE with sand, and SANDSTONE. Bioturbation is slight to moderate throughout the core. There are many clay-sand interlamination and several inclined contacts in this core. The core is slightly fractured due to drilling disturbances.



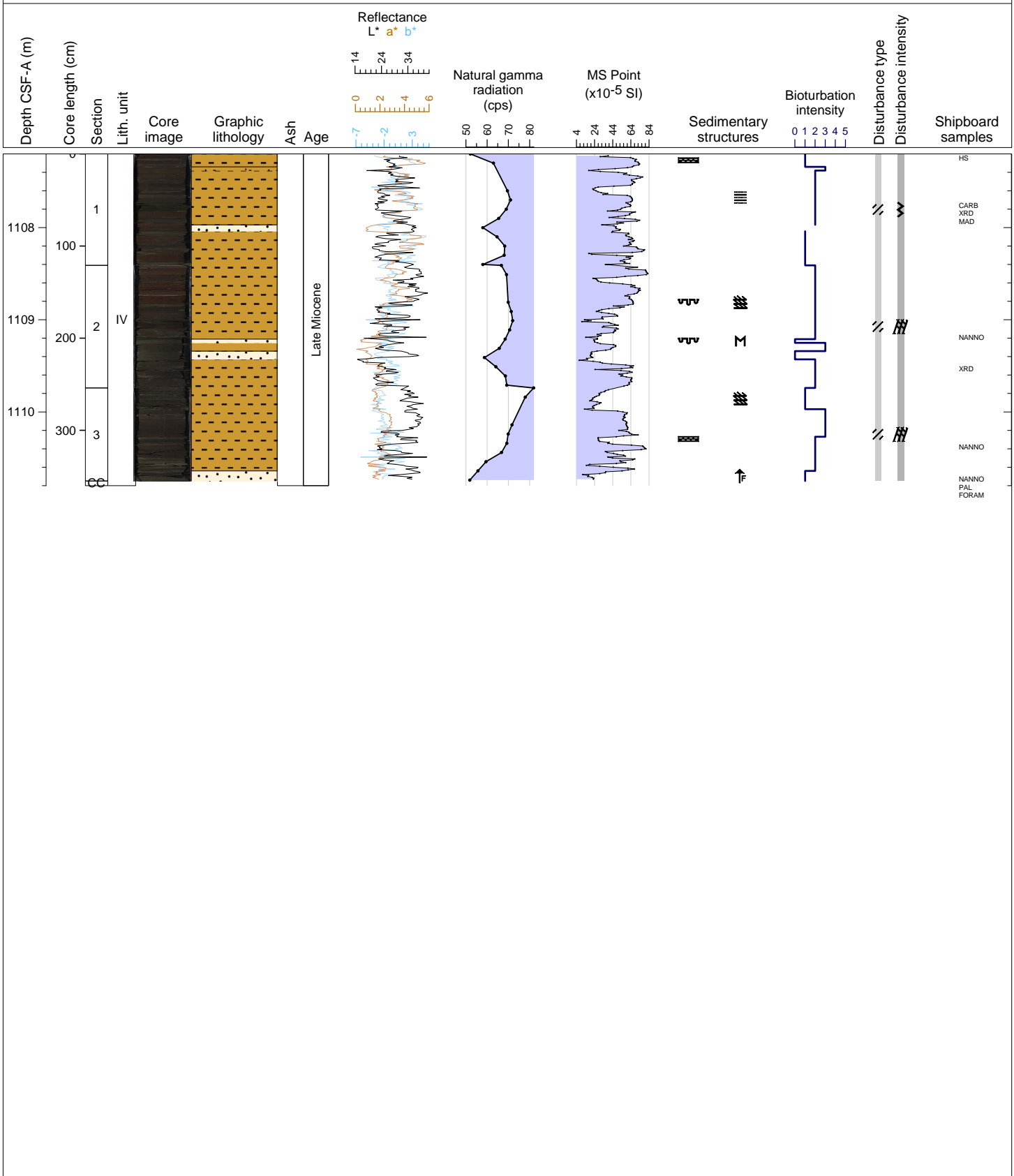
Hole 367-U1500B Core 28R, Interval 1097.5-1099.25 m (CSF-A)

Core U1500B 28R contains very dark grey to very dark brown CLAYSTONE. Accessory intervals included SILTY CLAYSTONE, SANDY CLAYSTONE, and SANDSTONE. Most of the intervals are moderately bioturbated.



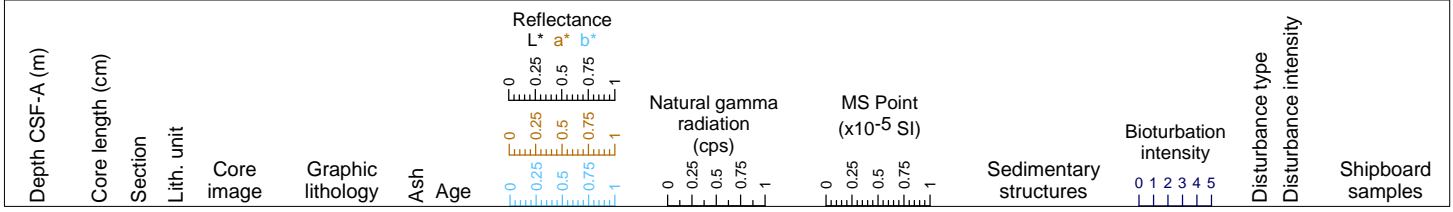
Hole 367-U1500B Core 29R, Interval 1107.2-1110.8 m (CSF-A)

Core U1500B 29R contains dark brown, very dark gray, and greenish black CLAYSTONE and very dark greenish gray SANDSTONE. At the bottom of the core, the claystone is interbedded with sandstone and siltstone within contorted strata. In some intervals, the sandstone contains foraminifera tests. The core is moderately to highly fractured due to drilling disturbances.



Hole 367-U1500B Core 30R, Interval 1116.9-1116.9 m (CSF-A)

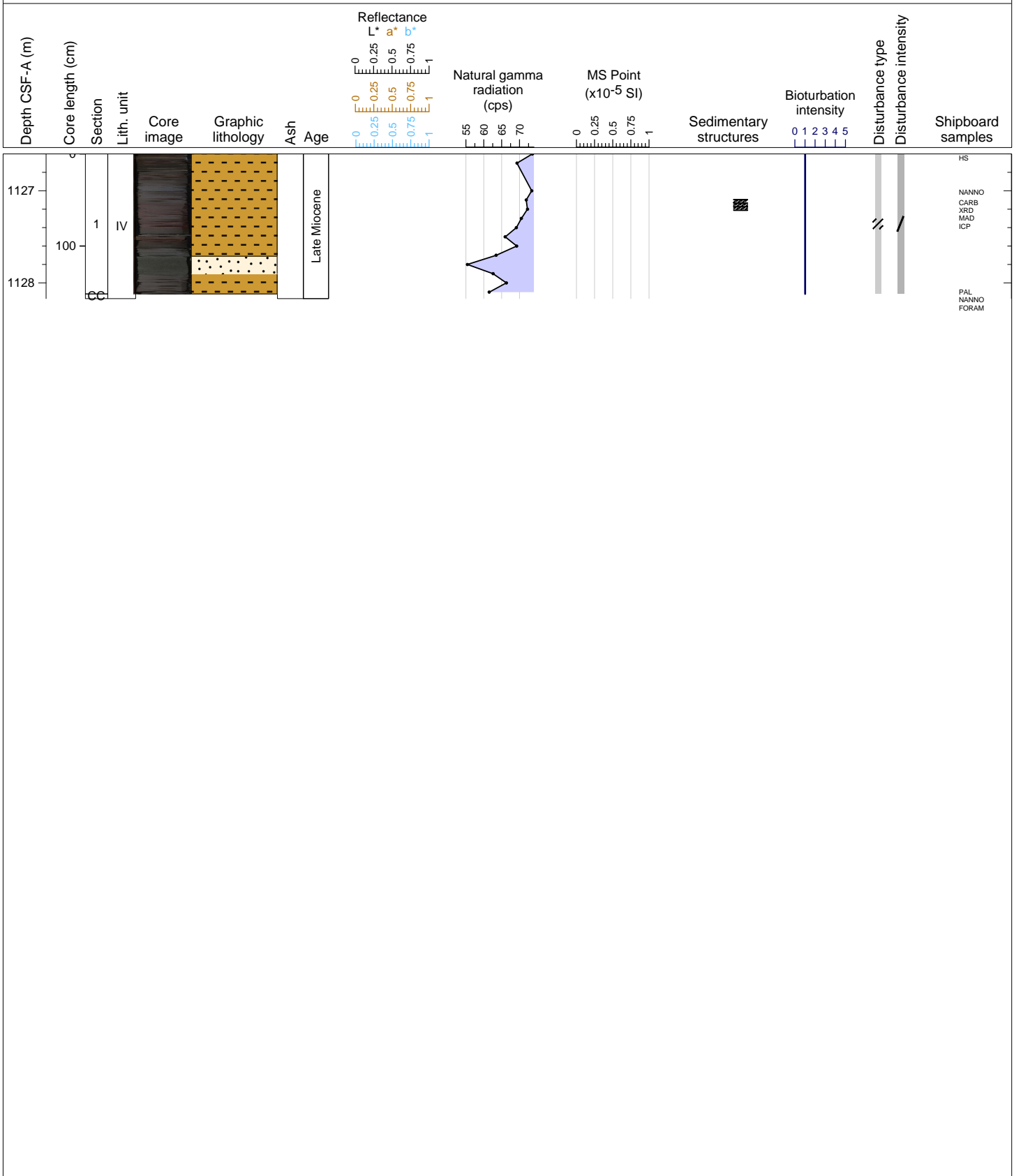
NO RECOVERY



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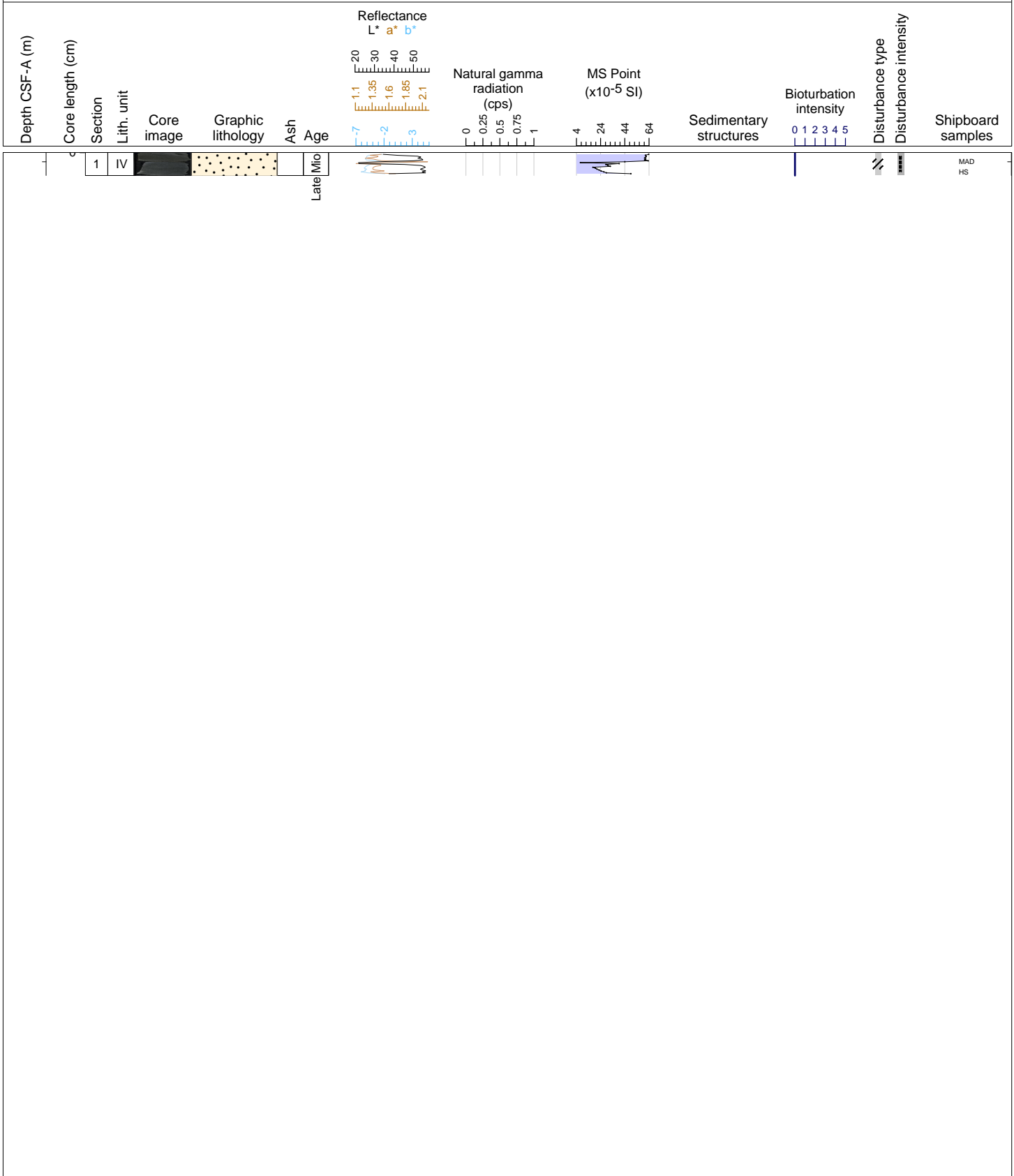
Hole 367-U1500B Core 31R, Interval 1126.6-1128.17 m (CSF-A)

Core U1500B 31R contains dark brown CLAYSTONE and very dark greenish gray SANDSTONE. Bioturbation is moderate throughout the core. The core is moderately fractured due to drilling disturbances.



Hole 367-U1500B Core 32R, Interval 1136.3-1136.55 m (CSF-A)

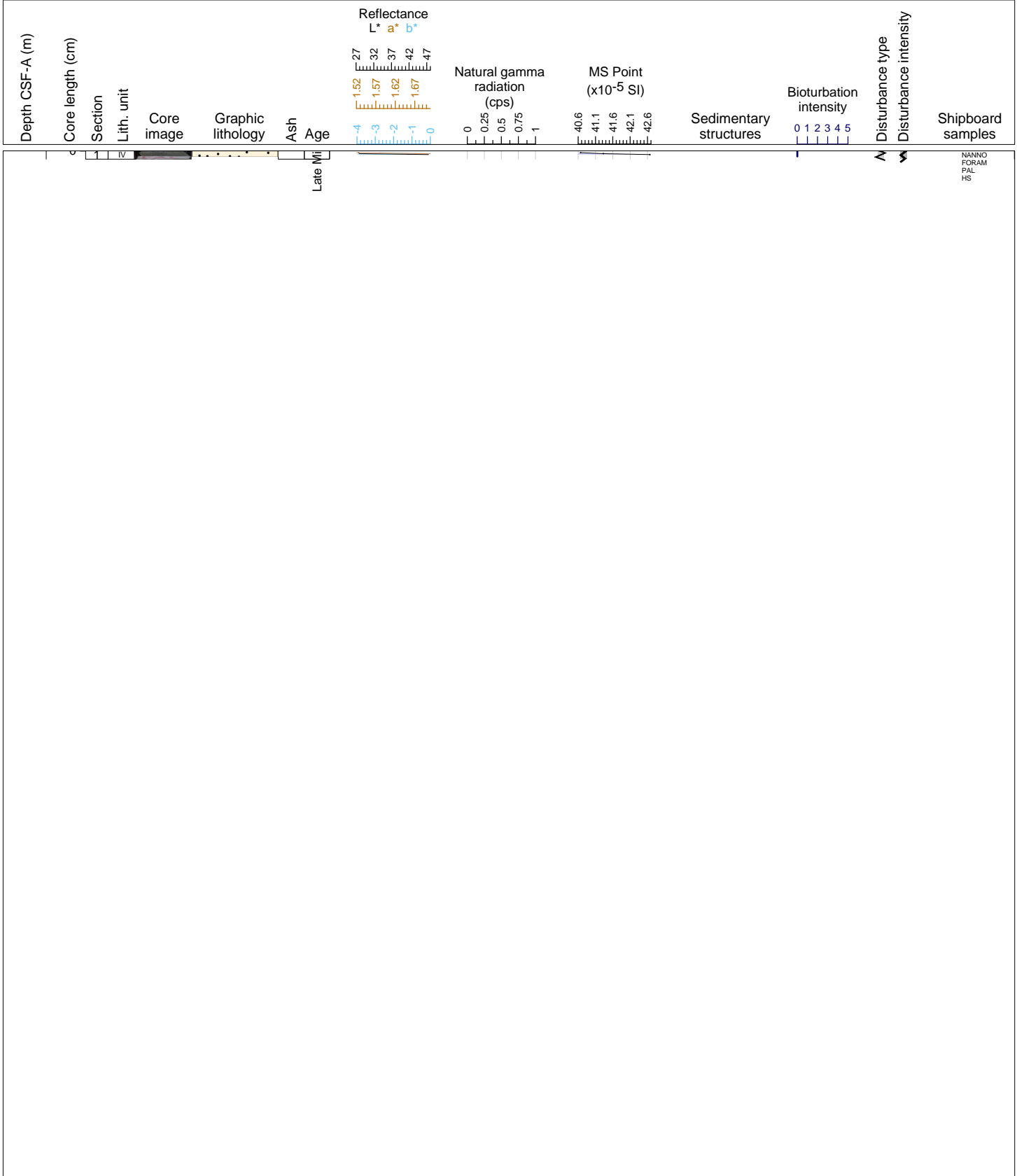
Core U1500B 32R contains a short (25 cm) interval of very dark greenish gray, medium- to coarse-grained SANDSTONE with FORAMINIFERA.



Hole 367-U1500B Core 33R, Interval 1146.0-1146.03 m (CSF-A)															
ALL TO PAL															
Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Core image	Graphic lithology	Ash	Age	Reflectance L* a* b*	Natural gamma radiation (cps)	MS Point (x10 ⁻⁵ SI)	Sedimentary structures	Bioturbation intensity 0 1 2 3 4 5	Disturbance type	Disturbance intensity	Shipboard samples
1146							Late M								HS TSB PAL TS XRD

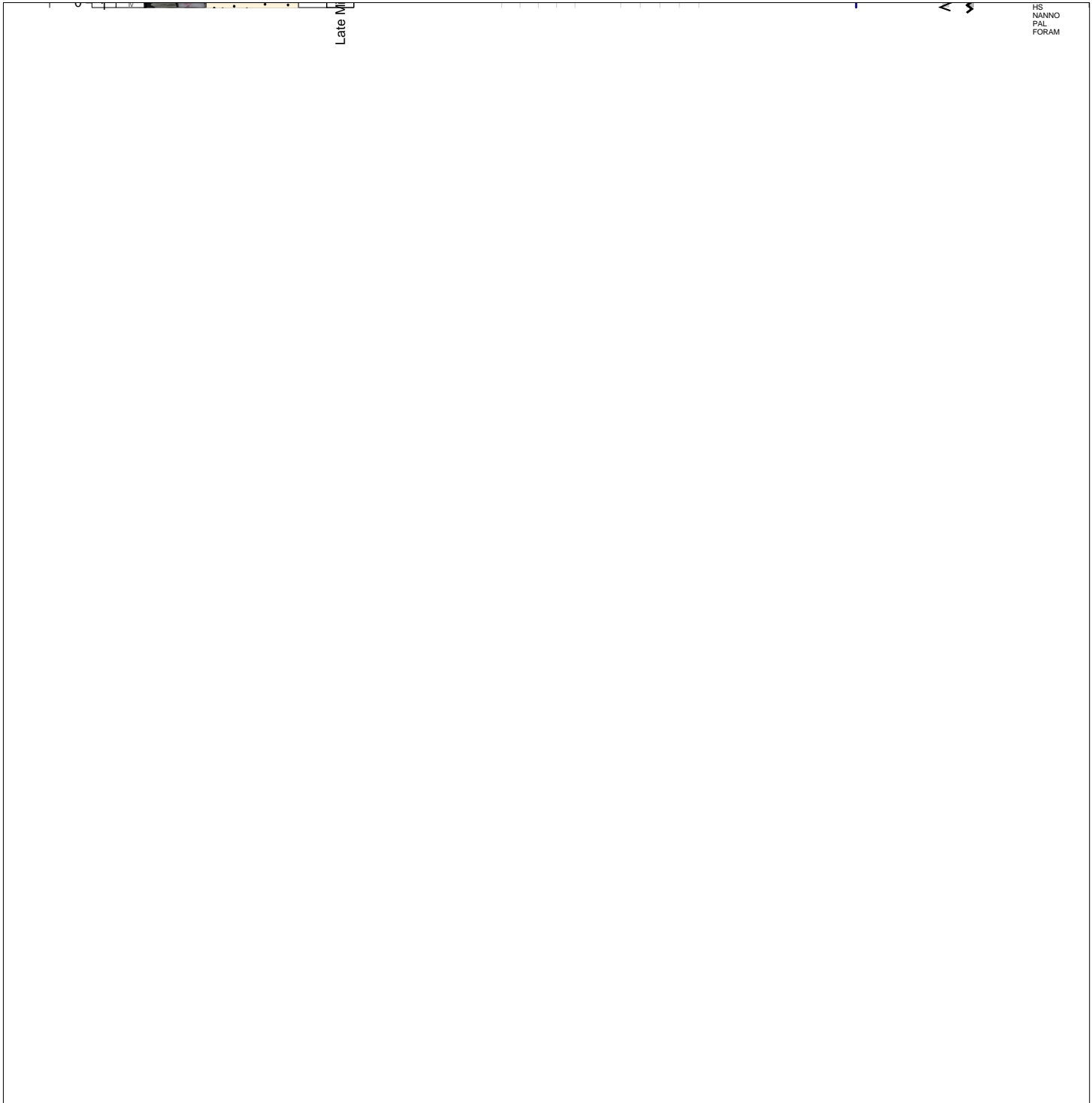
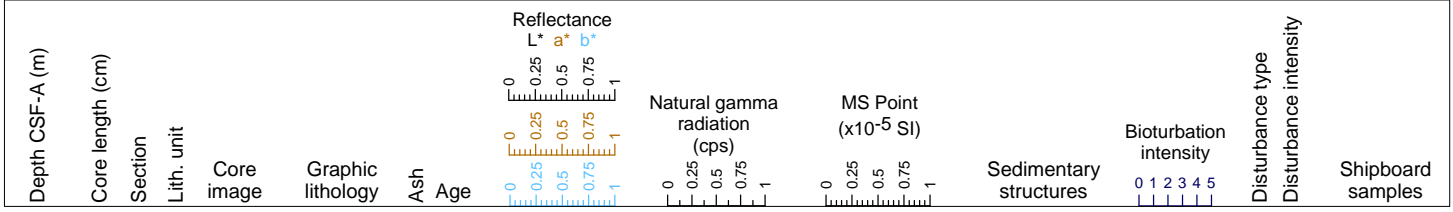
Hole 367-U1500B Core 34R, Interval 1155.7-1155.79 m (CSF-A)

Core U1500B 34R contains a short (6 cm) interval of very dark greenish gray, medium- to very coarse-grained, poorly sorted SANDSTONE.



Hole 367-U1500B Core 35R, Interval 1165.4-1165.45 m (CSF-A)

Core U1500B 35R contains a short (5 cm) interval of greenish gray SANDSTONE, fine-grained, well sorted.



Hole 367-U1500B Core 36R, Interval 1175.1-1175.1 m (CSF-A)

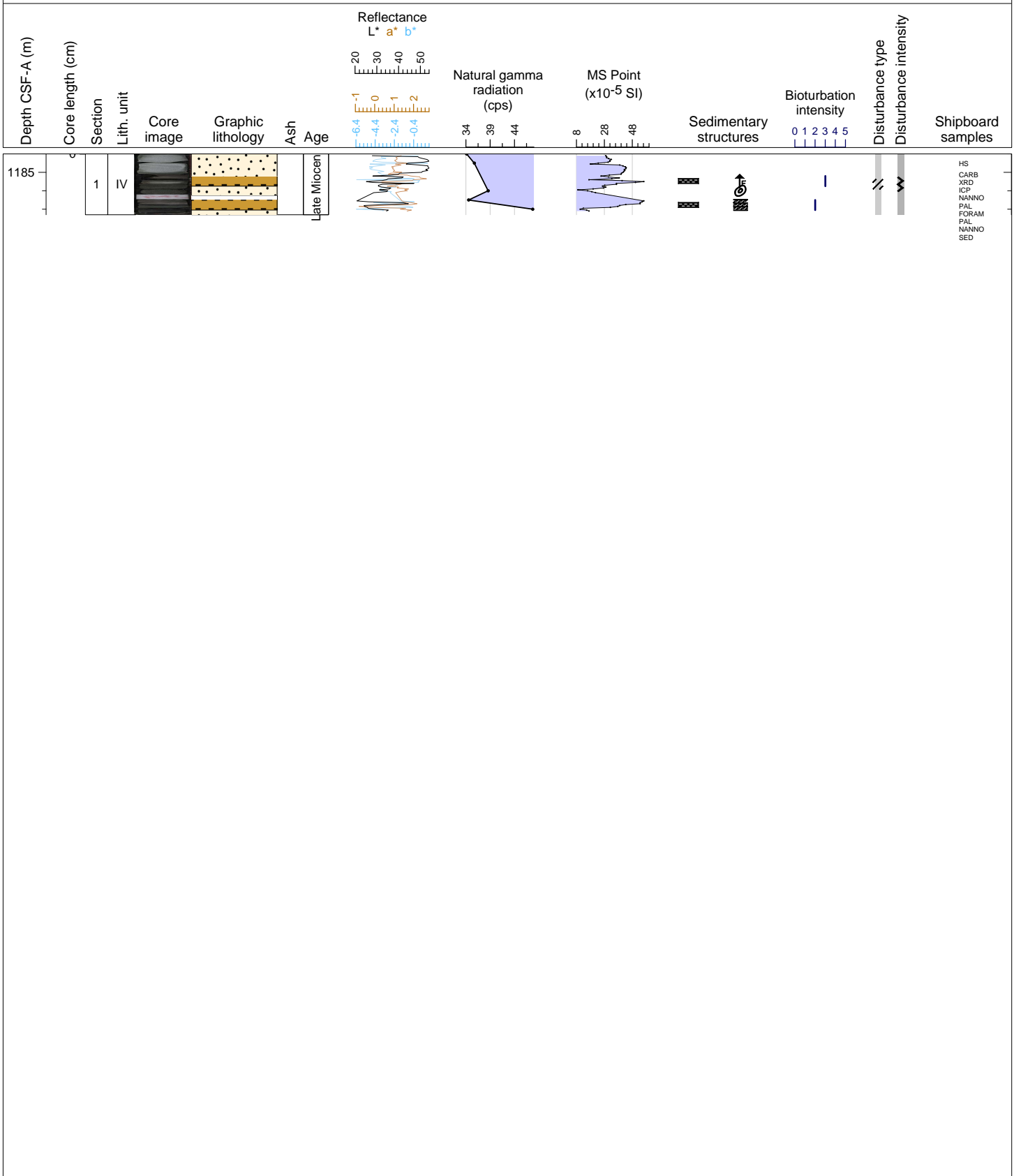
NO RECOVERY

Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Core image	Graphic lithology	Ash	Age	Reflectance L* a* b*	Natural gamma radiation (cps)	MS Point (x10 ⁻⁵ SI)	Sedimentary structures	Bioturbation intensity 0 1 2 3 4 5	Disturbance type	Disturbance intensity	Shipboard samples
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NO RECOVERY															
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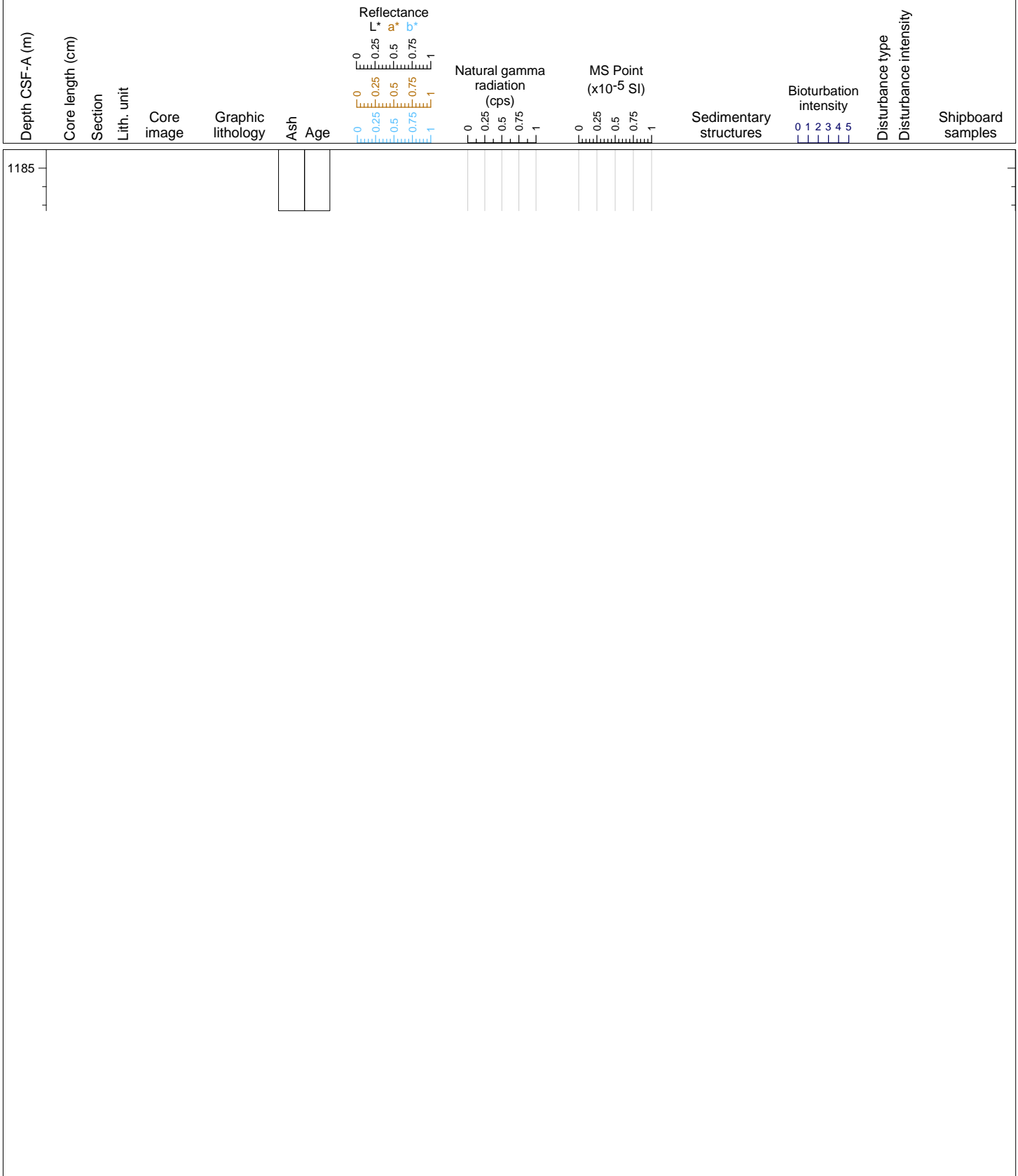
Hole 367-U1500B Core 37R, Interval 1184.8-1185.46 m (CSF-A)

Core U1500B 37R contains short intervals of greenish gray fine-grained SANDSTONE, very dark greenish gray CLAYSTONE, and very dark greenish gray coarse-grained SANDSTONE with foraminifers.



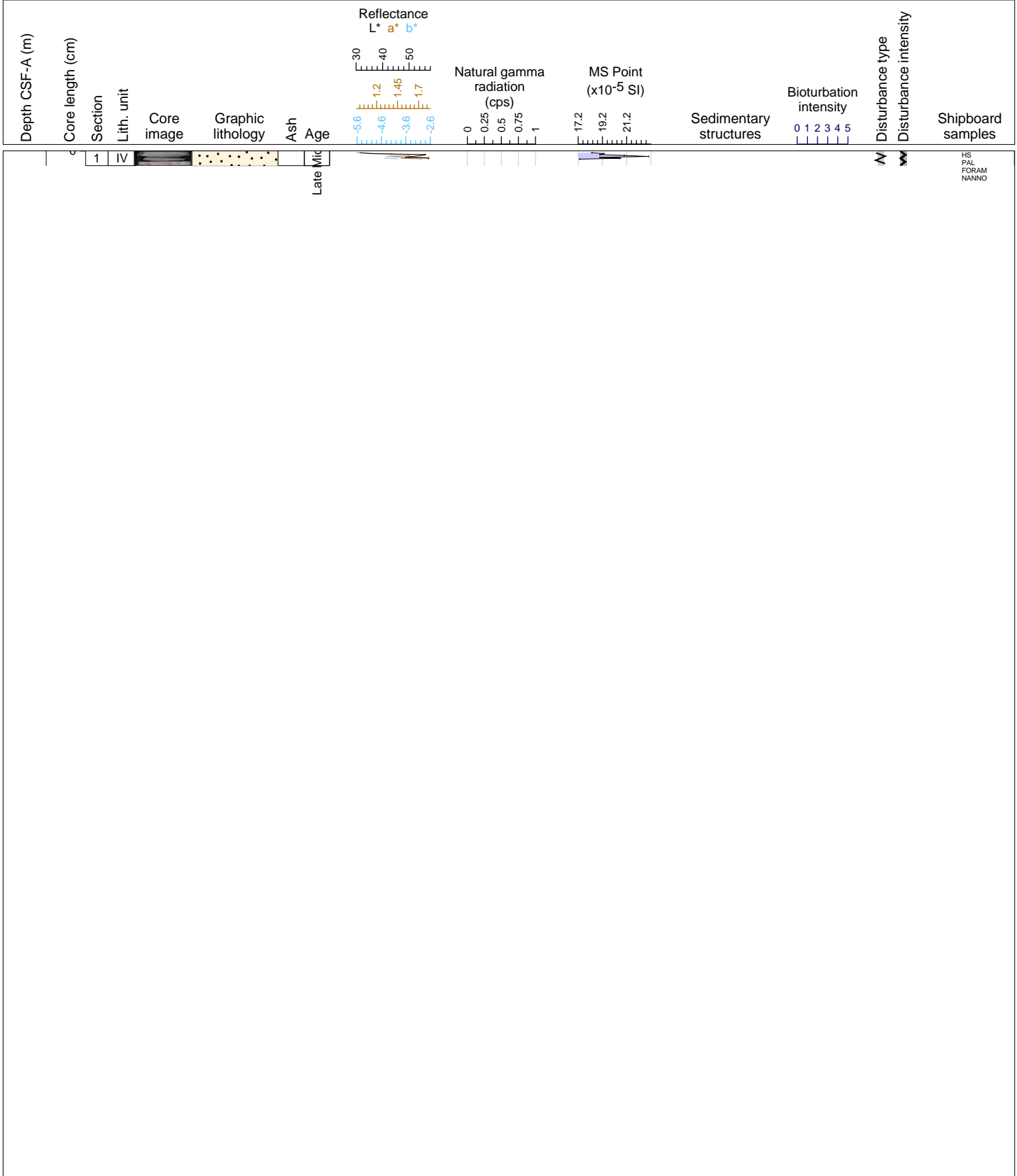
Hole 367-U1500B Core 38R, Interval 1194.5-1194.5 m (CSF-A)

NO RECOVERY



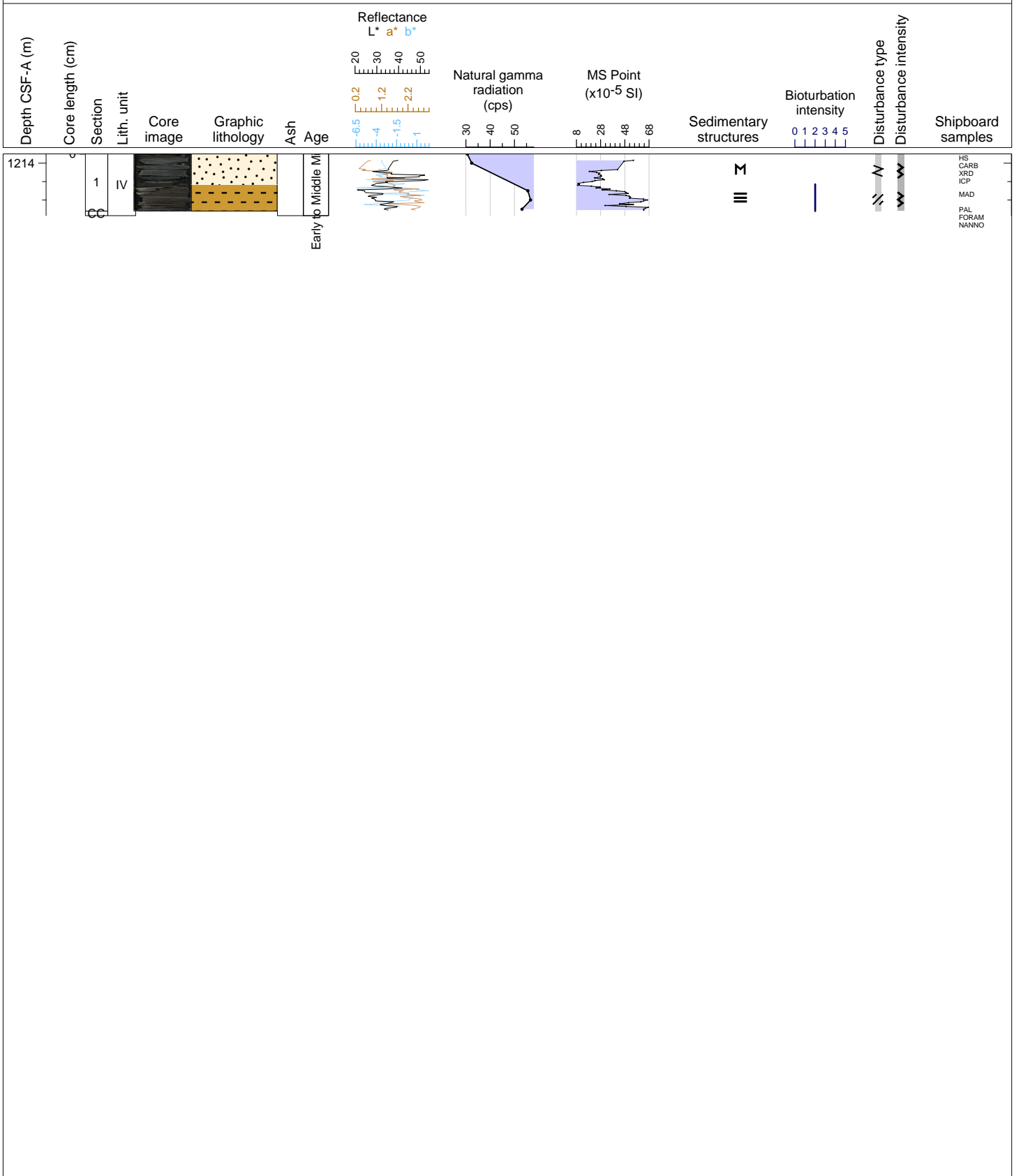
Hole 367-U1500B Core 39R, Interval 1204.2-1204.36 m (CSF-A)

Core U1500B 39R contains a short (16 cm) interval of greenish gray SANDSTONE, fine-grained, well sorted.



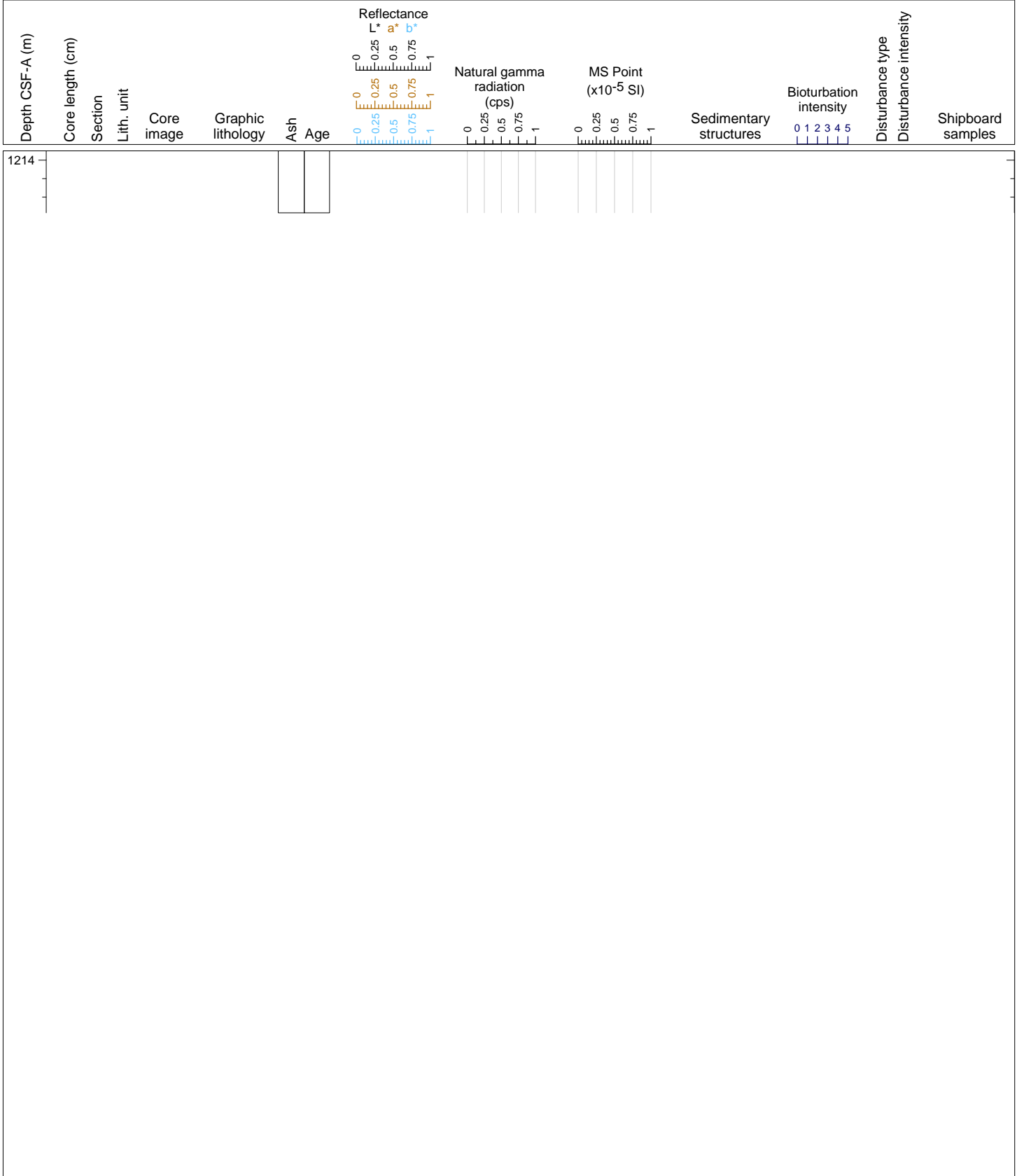
Hole 367-U1500B Core 40R, Interval 1213.9-1214.57 m (CSF-A)

Core U1500B 40R contains a short (62 cm) interval of dark greenish gray, well lithified SANDSTONE and very dark gray CLAYSTONE with parallel laminations. Drilling disturbance was high, leading to fragmented sandstone and fractured claystone.



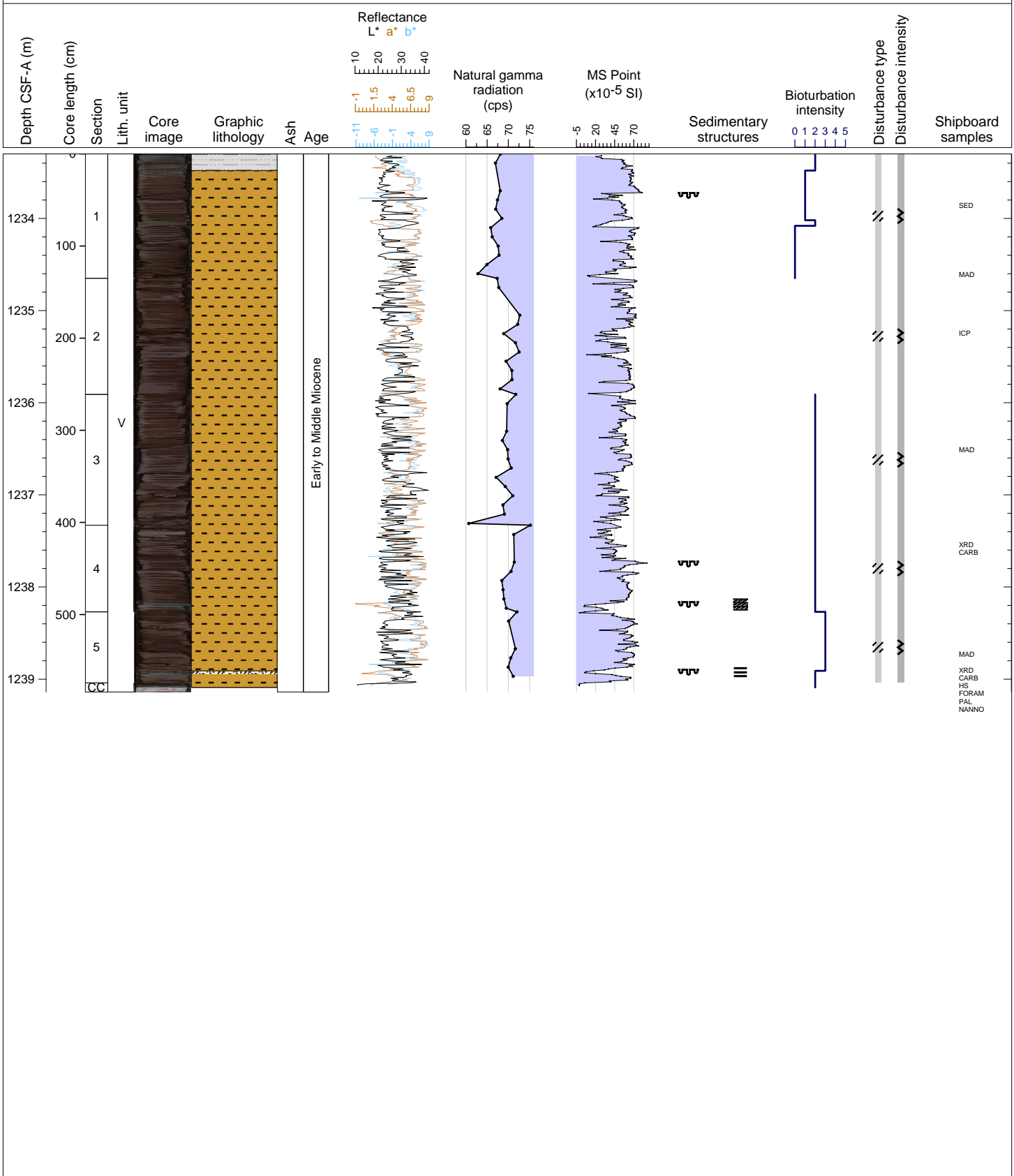
Hole 367-U1500B Core 41R, Interval 1223.6-1223.6 m (CSF-A)

NO RECOVERY



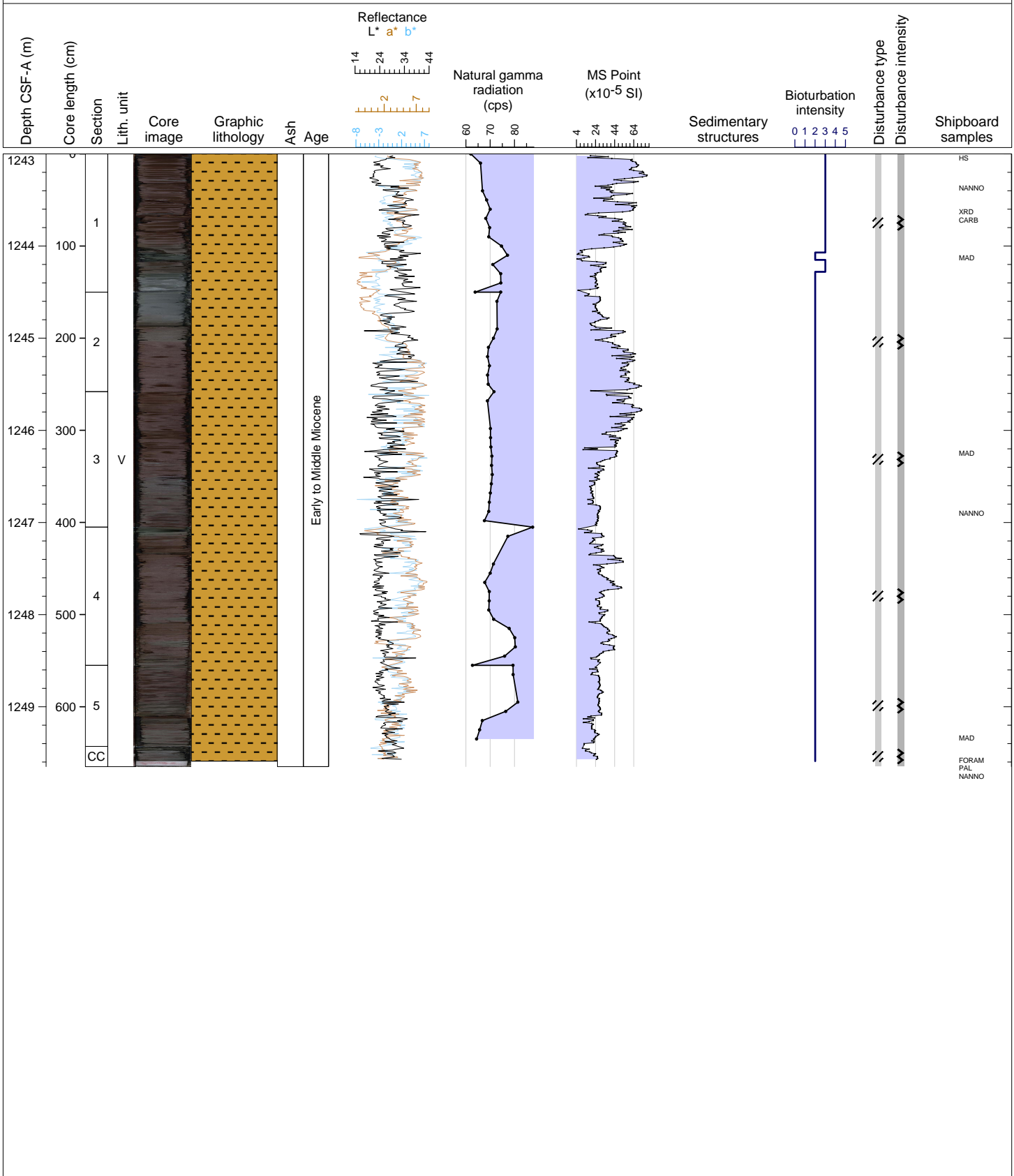
Hole 367-U1500B Core 42R, Interval 1233.3-1239.14 m (CSF-A)

Core U1500B 42R contains dark reddish brown CLAYSTONE with short intervals of dark greenish gray CLAYSTONE and SILTY CLAYSTONE. There is a short interval (3 cm thick) of dark gray SILTY SANDSTONE at the bottom of section 5. Bioturbation is moderate throughout the core. Some intervals contain parallel laminations. The core is highly fractured due to drilling disturbance.



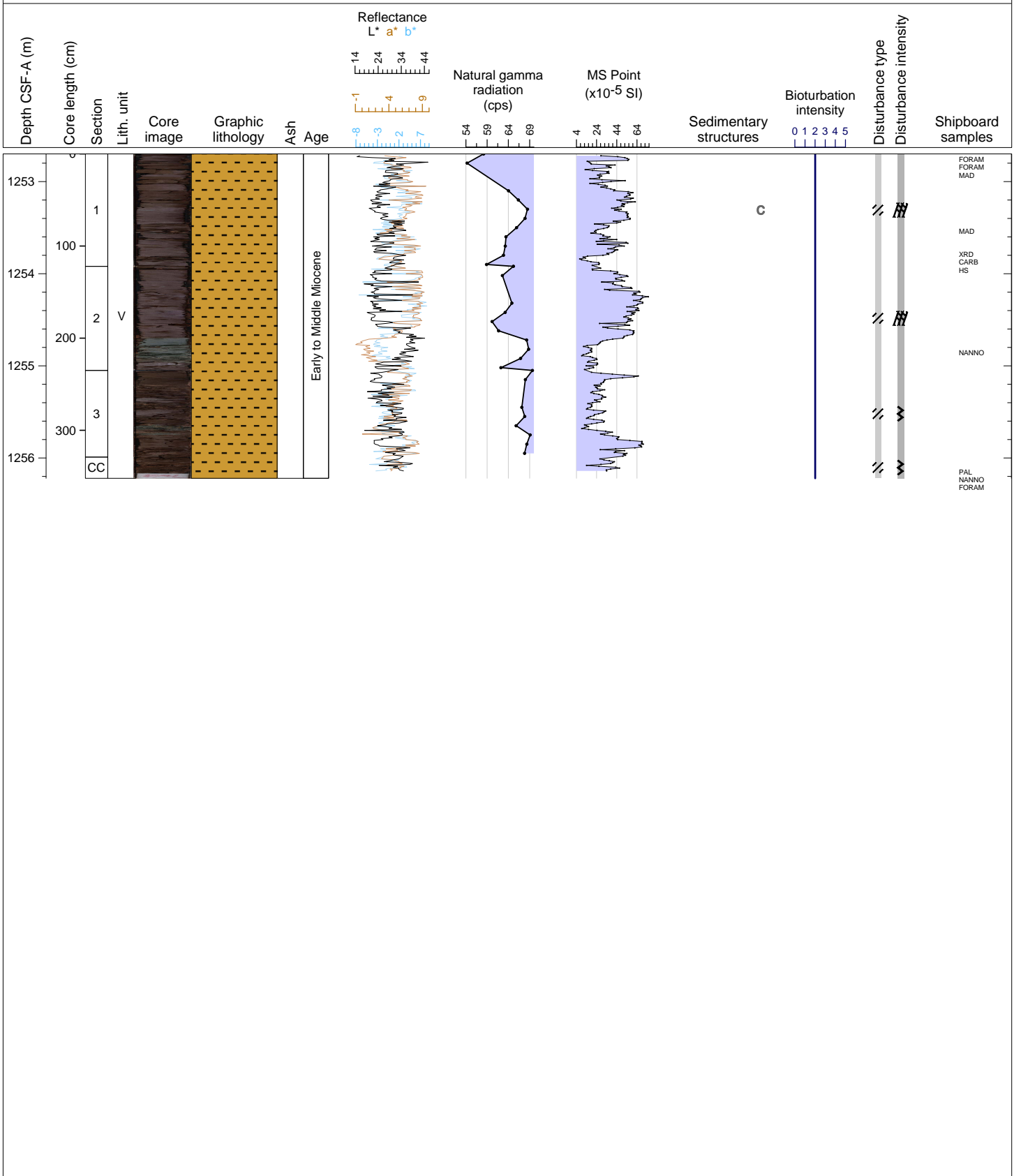
Hole 367-U1500B Core 43R, Interval 1243.0-1249.65 m (CSF-A)

Core U1500B 43R contains dark reddish brown CLAYSTONE with dark greenish gray CLAYSTONE interbedded. Bioturbation is moderate throughout the core. The core is highly fractured due to drilling disturbance.



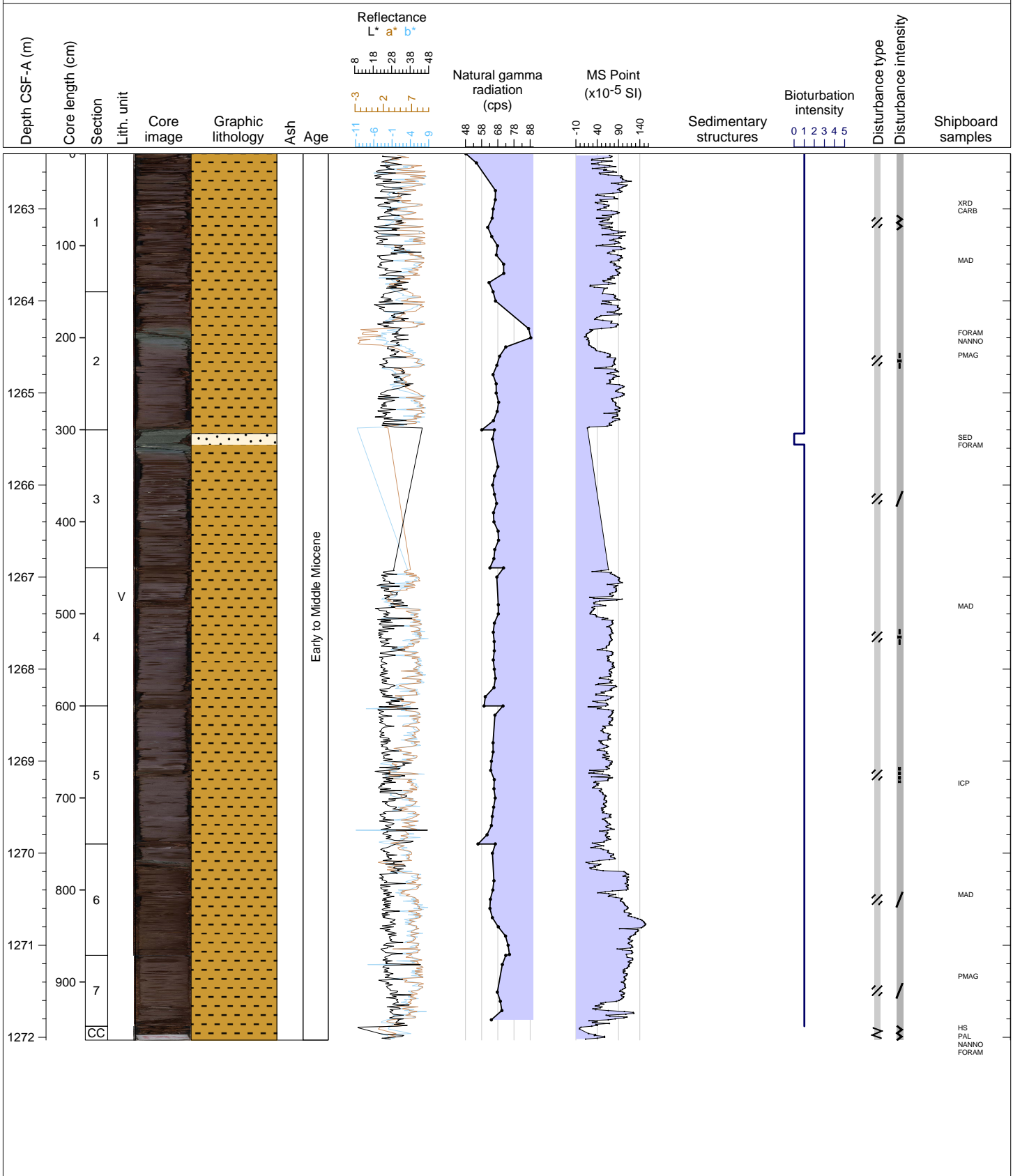
Hole 367-U1500B Core 44R, Interval 1252.7-1256.22 m (CSF-A)

Core U1500B 44R contains dark reddish brown CLAYSTONE with dark greenish gray CLAYSTONE interbedded. Bioturbation is moderate throughout the core. The core is fragmented due to high drilling disturbance. There are a few small copper flakes in greenish patch clay at interval of 61-62 cm of Section 1.



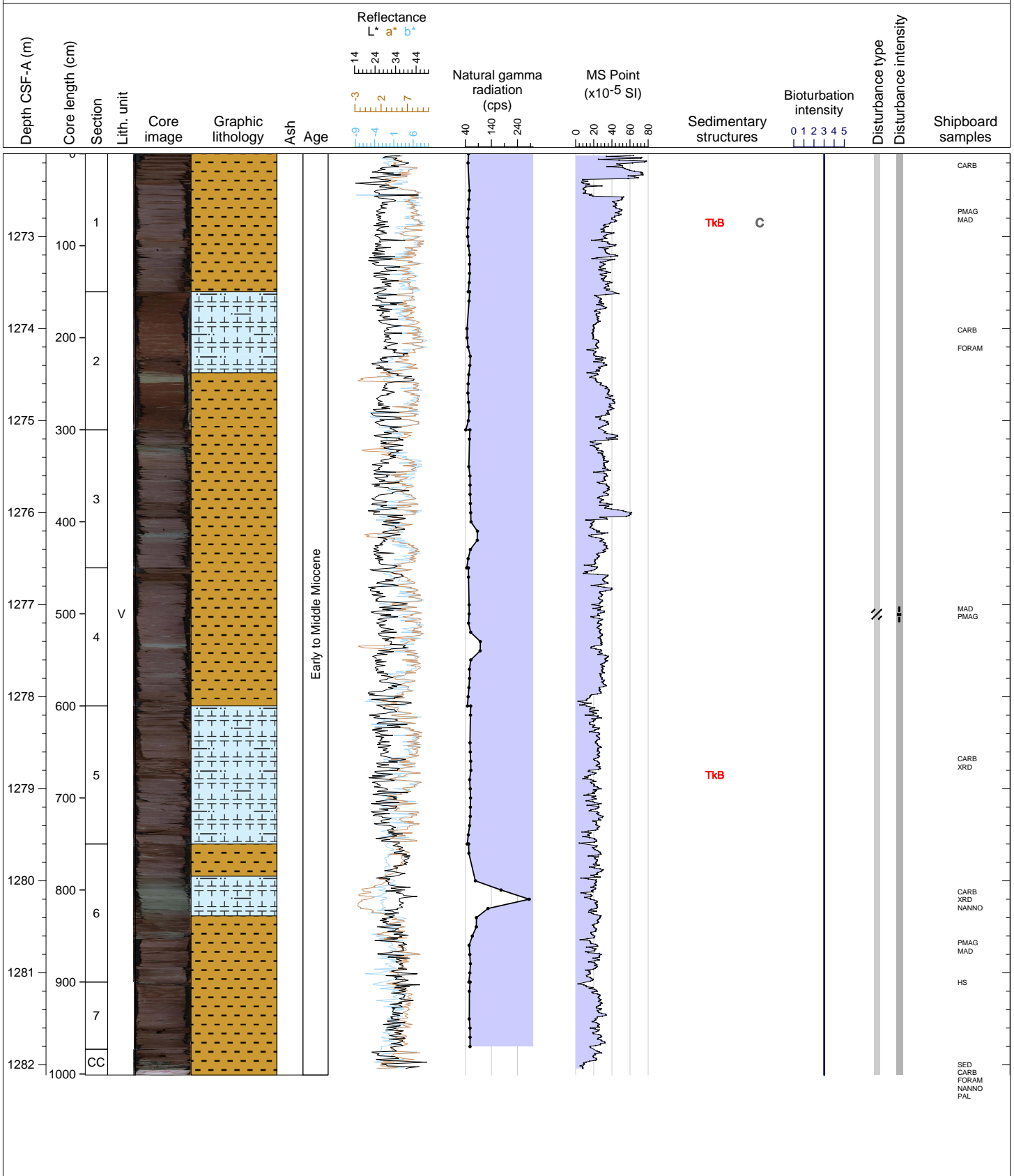
Hole 367-U1500B Core 45R, Interval 1262.4-1272.03 m (CSF-A)

Core U1500B 45R contains dusky red CLAYSTONE with dark greenish gray CLAYSTONE interbedded. There is a 12 cm thick bed of dark greenish gray SANDSTONE in Section 3. Bioturbation is slight to moderate throughout the core. The core is fragmented due to moderate to high drilling disturbance.



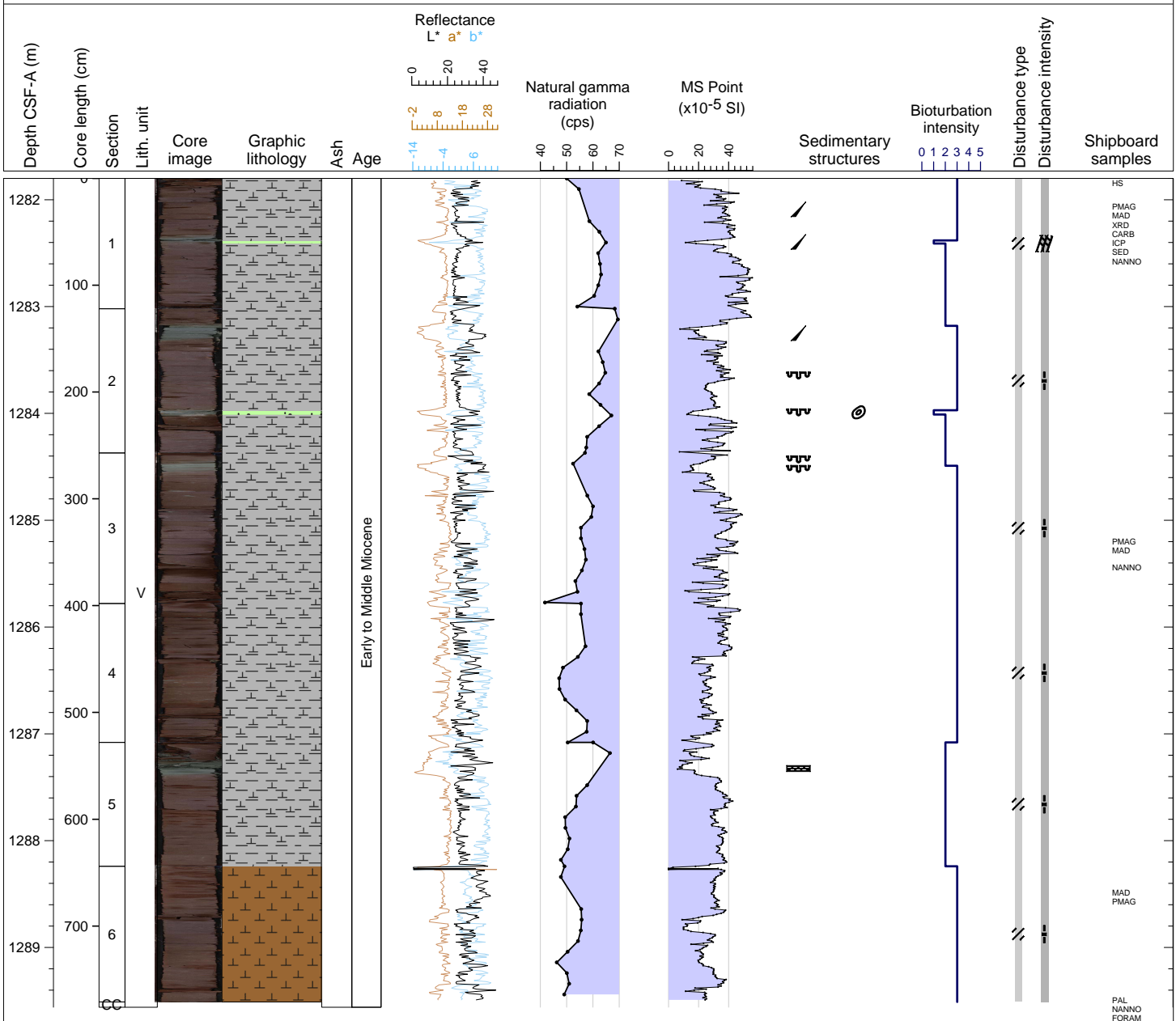
Hole 367-U1500B Core 46R, Interval 1272.1-1282.11 m (CSF-A)

Core U1500B 46R contains reddish brown CLAYSTONE with greenish gray CLAYSTONE interbedded. Bioturbation is heavy throughout the core. The core is fractured and moderate drilling disturbance. There are a few small copper flakes in greenish patch clay at interval of 6 and 119 cm and 138 cm of Section 1.



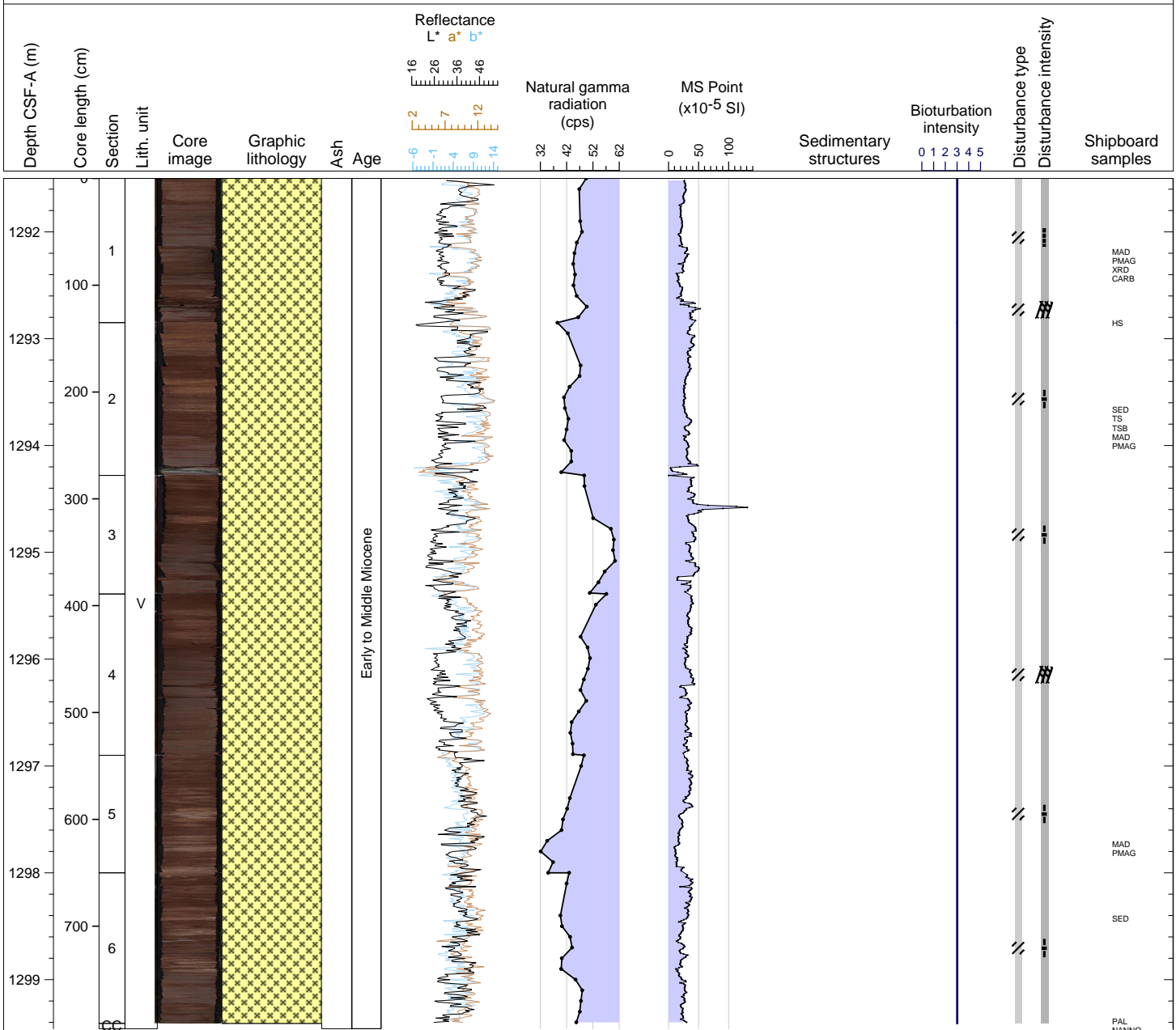
Hole 367-U1500B Core 47R, Interval 1281.8-1289.56 m (CSF-A)

Core U1500B 47R contains dark reddish brown NANNOFOSSIL-RICH CLAYSTONE with short intervals of greenish gray NANNOFOSSIL-RICH CLAYSTONE and CLAYEY SANDSTONE. The lithology transitions from nannofossil-rich claystone to CLAY-RICH CHALK in the last section. Bioturbation is moderate to heavy throughout the core. The core is moderately to highly fractured due to drilling disturbance.



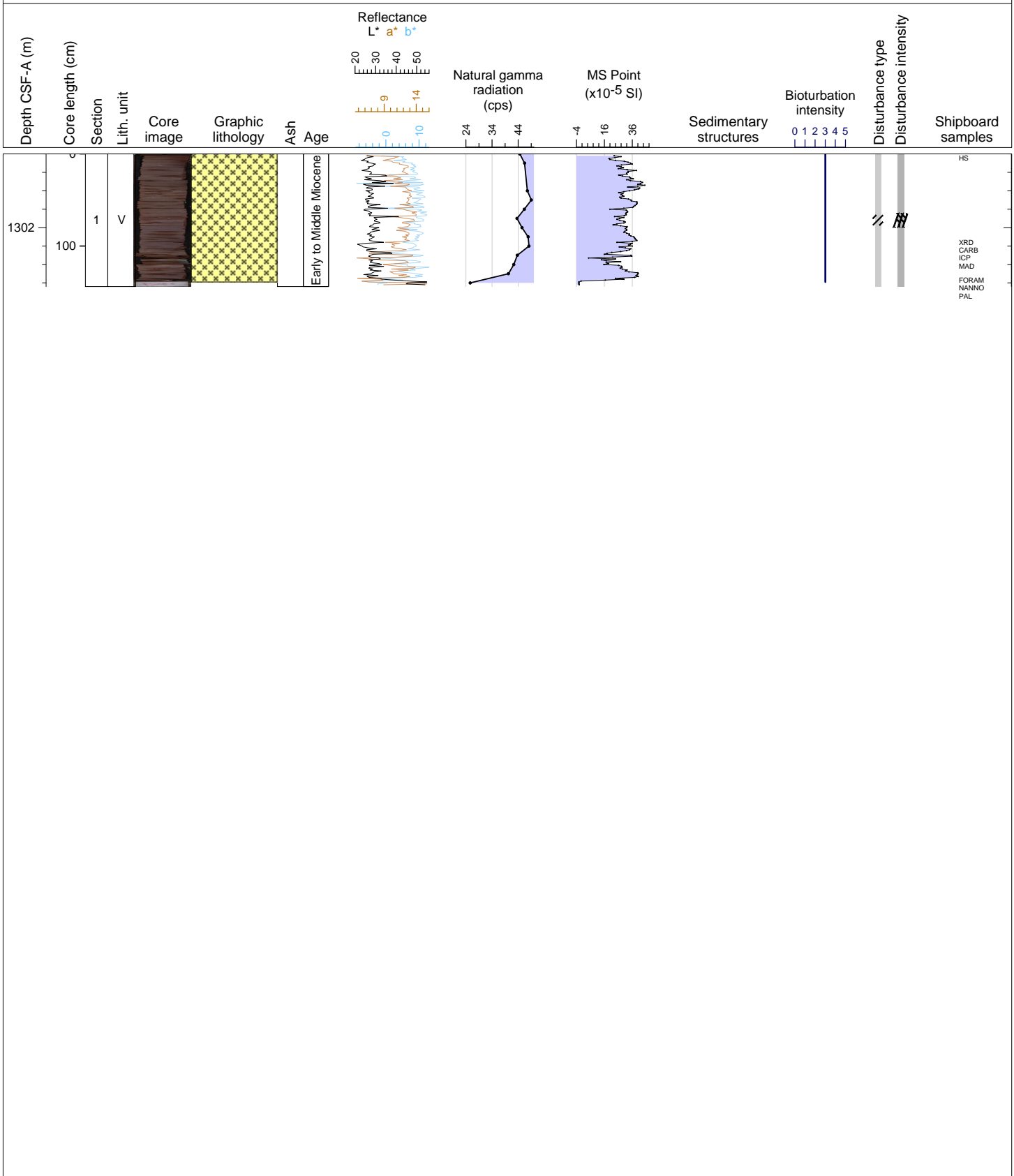
Hole 367-U1500B Core 48R, Interval 1291.5-1299.46 m (CSF-A)

Core U1500B 48R contains dark reddish brown poorly sorted chalk with abundant sand-sized bioclasts (foraminifera tests?). Bioturbation is moderate to heavy throughout the core.



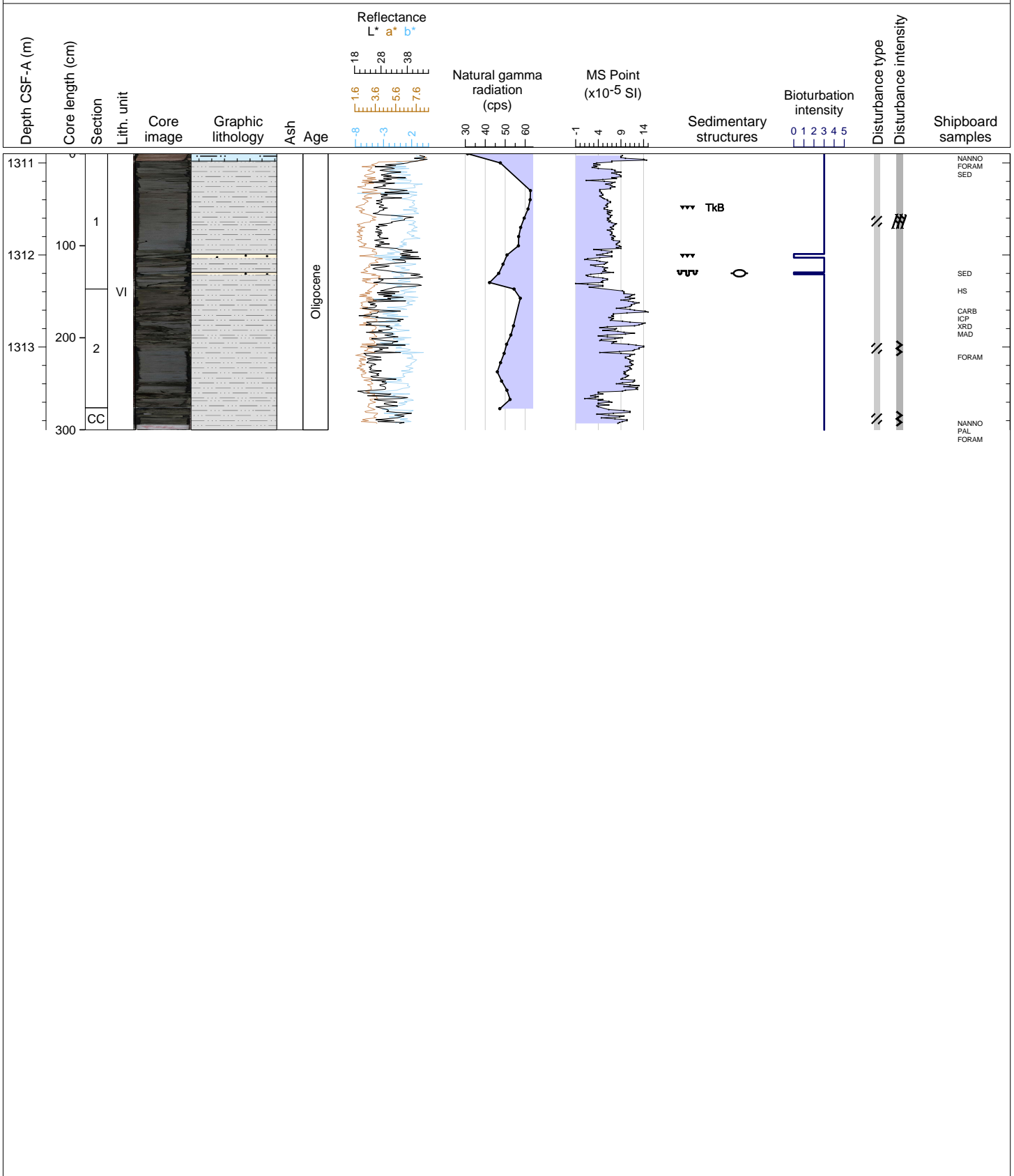
Hole 367-U1500B Core 49R, Interval 1301.2-1302.64 m (CSF-A)

Core U1500B 49R contains dark reddish brown poorly sorted CHALK with abundant sand-sized bioclasts (foraminifera tests?). Bioturbation is heavy throughout the core. The core is moderately to highly fractured due to drilling disturbance.



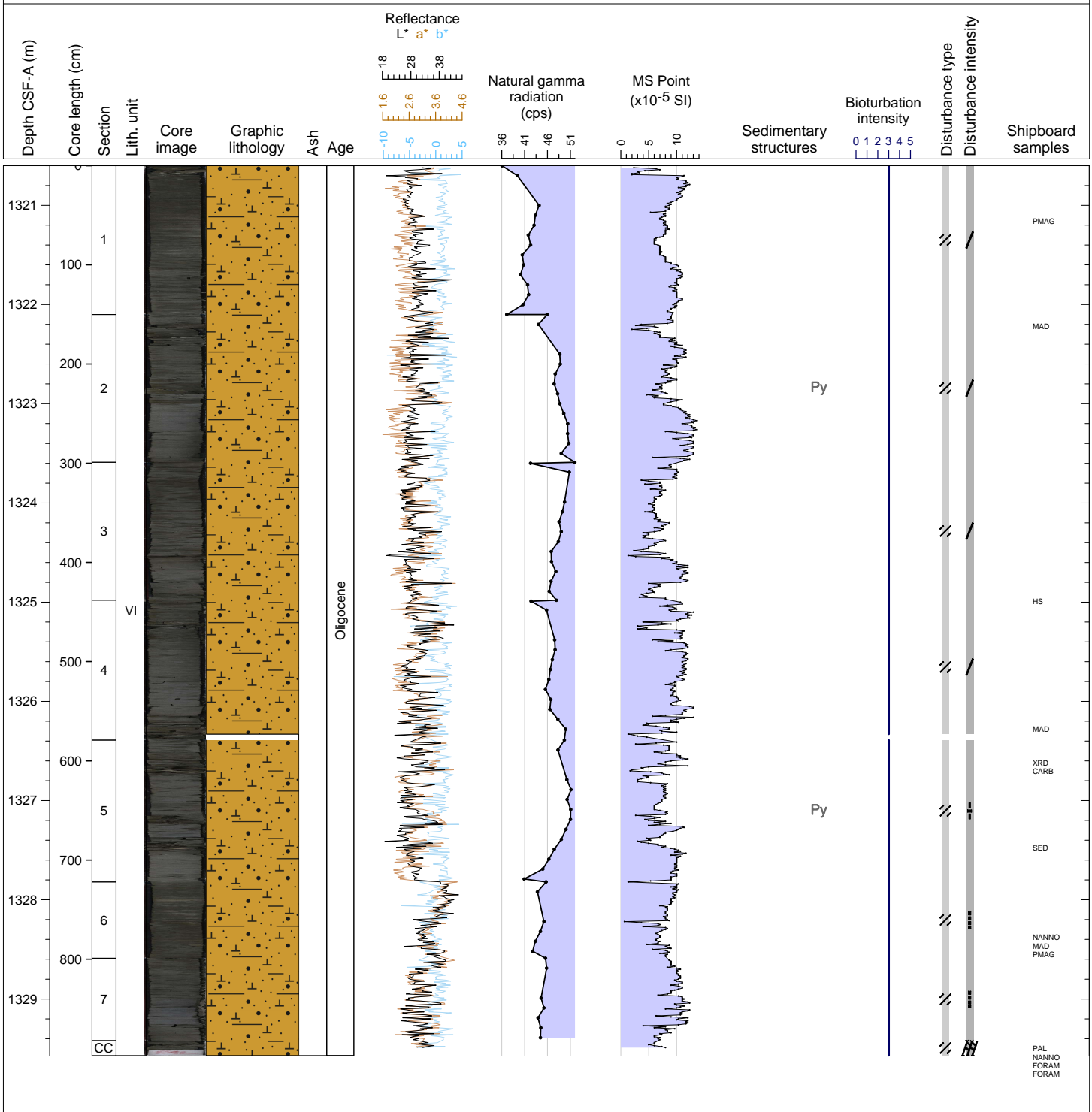
Hole 367-U1500B Core 50R, Interval 1310.9-1313.9 m (CSF-A)

Core U1500B 50R contains grayish brown CALCAREOUS CLAYSTONE in the top 8 cm of section 1 and dark greenish gray SILTY CLAYSTONE. Bioturbation is heavy throughout the claystone. The core is moderately to highly fractured due to drilling disturbance.



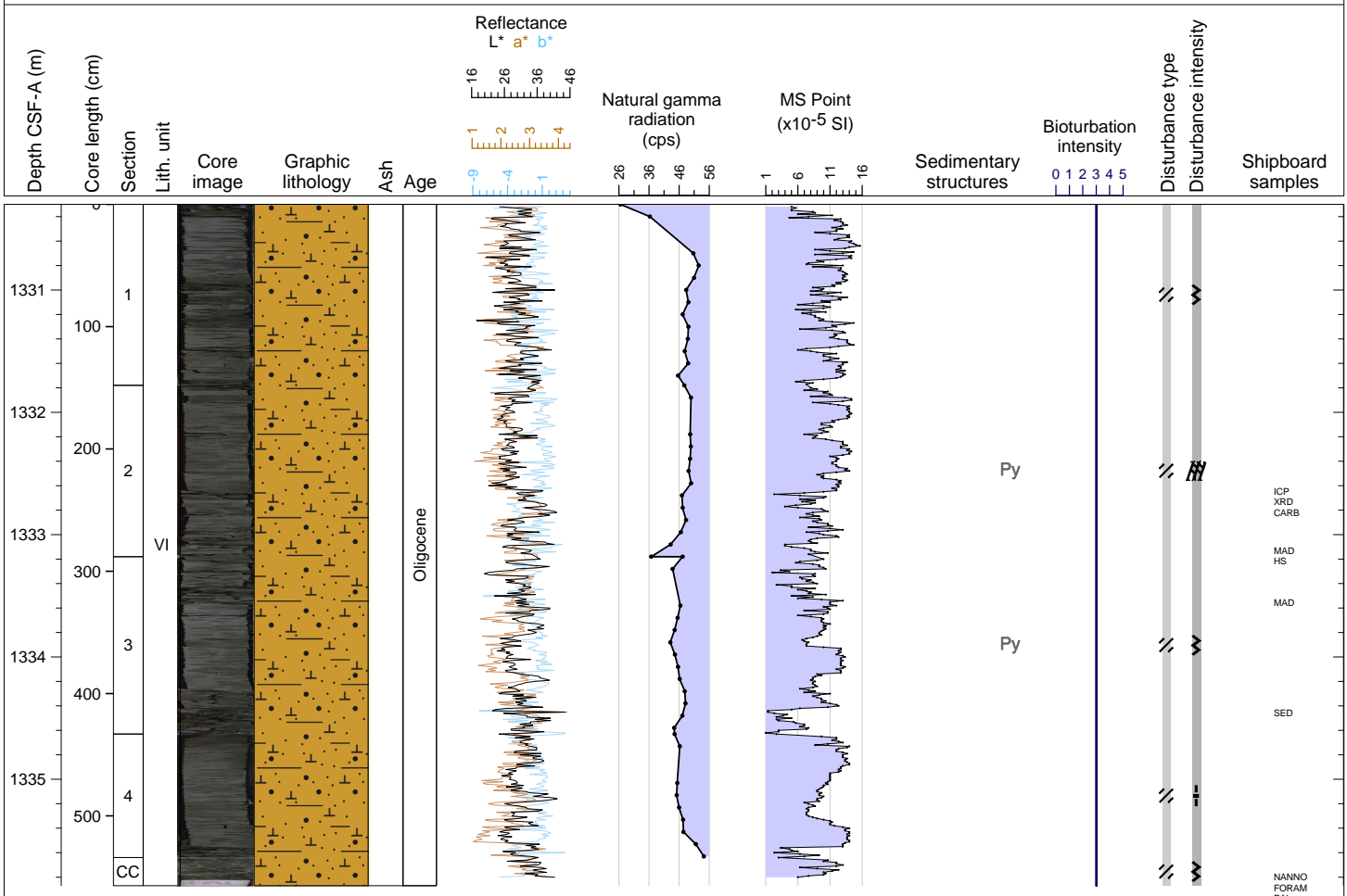
Hole 367-U1500B Core 51R, Interval 1320.6-1329.57 m (CSF-A)

Core U1500B 51R contains massive, heavily bioturbated, dark greenish gray NANNOFOSSIL-RICH SILTY CLAYSTONE. Grain sorting is moderate. The carbonate comprises forams and nannofossils. One sandstone bed occurs in Section 2 with associated pyrite. Cores are slightly to moderately fractured by drilling.



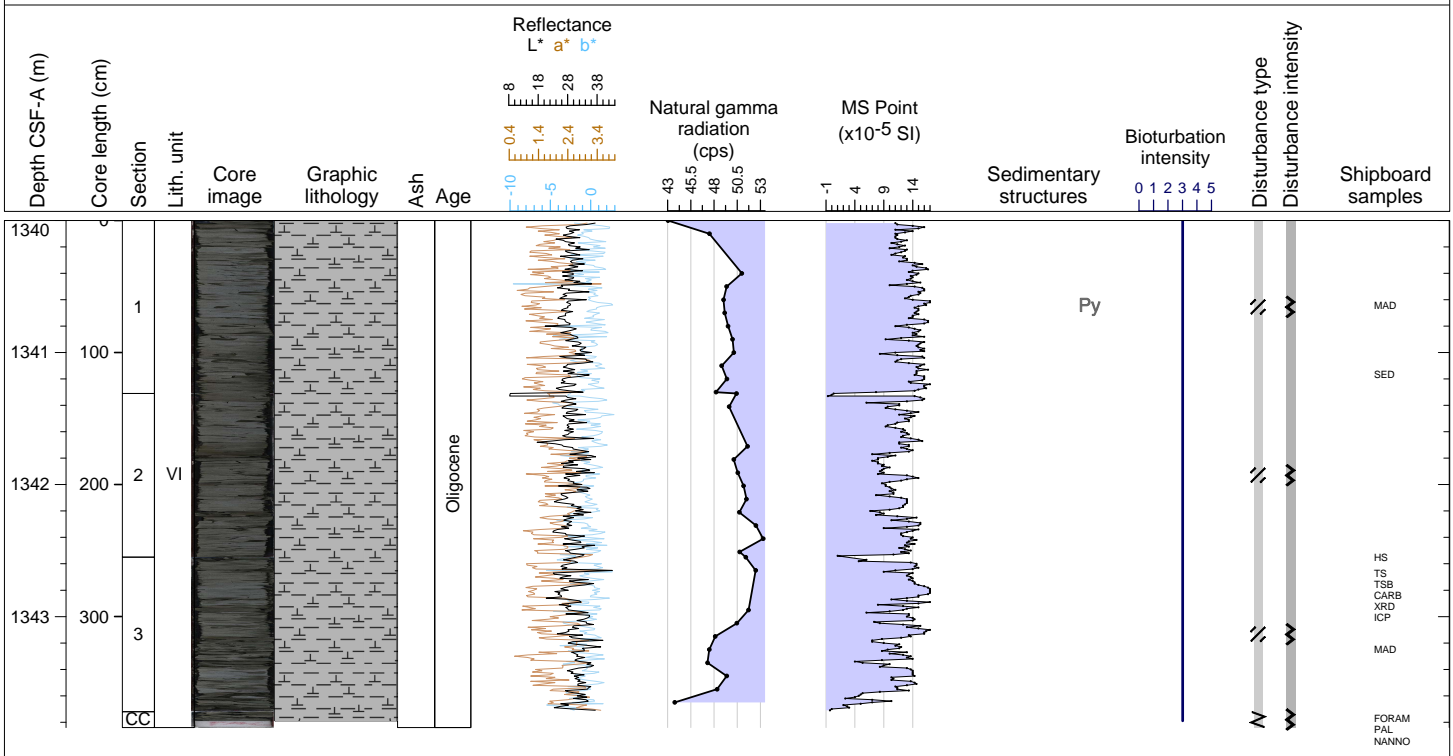
Hole 367-U1500B Core 52R, Interval 1330.3-1335.87 m (CSF-A)

Core U1500B 52R contains massive, heavily bioturbated, very dark greenish gray NANNOFOSSIL-RICH SILTY CLAYSTONE. Grain sorting is moderate. The carbonate comprises forams and nannofossils. One sandstone lens occurs in Section 2 with associated pyrite. More pyrite patches occur in Sections 2 and 3. Cores are moderately to highly fractured by drilling.



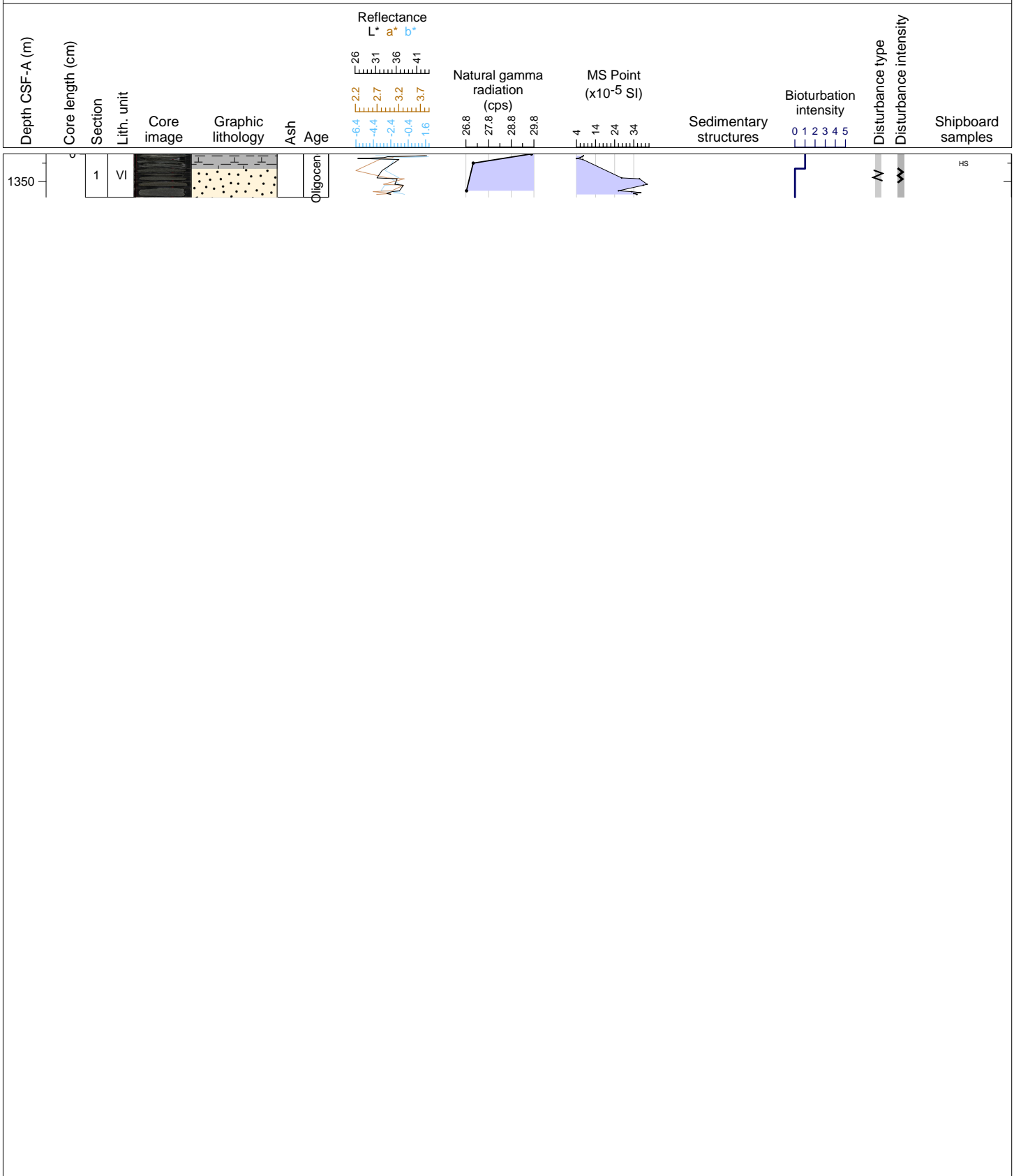
Hole 367-U1500B Core 53R, Interval 1340.0-1343.84 m (CSF-A)

Core U1500B 53R contains massive, very dark greenish gray NANNOFOSSIL-RICH CLAYSTONE. Bioturbation is heavy throughout the core. The core is highly fractured for the first three sections and highly fragmented in the core catcher. There are rare sandstone laminations in sections 1,2 and 3.



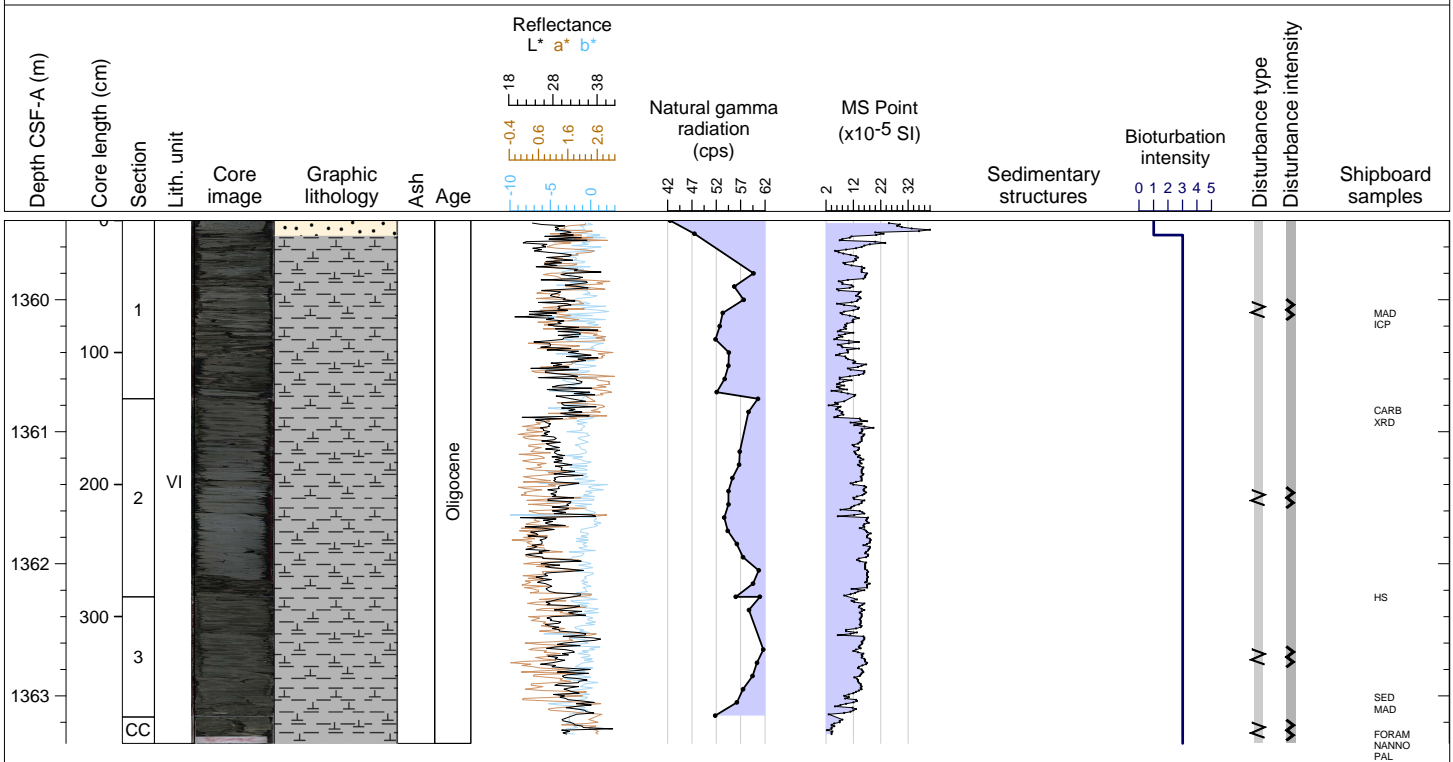
Hole 367-U1500B Core 54R, Interval 1349.7-1350.17 m (CSF-A)

Core U1500B 54R contains massive, dark greenish gray NANNOFOSSIL-RICH CLAY and moderately sorted FORAMINIFERAL SANDSTONE. Bioturbation is slight within the clay interval and not present in the sandstone interval. The core is highly fragmented due to drilling disturbance.



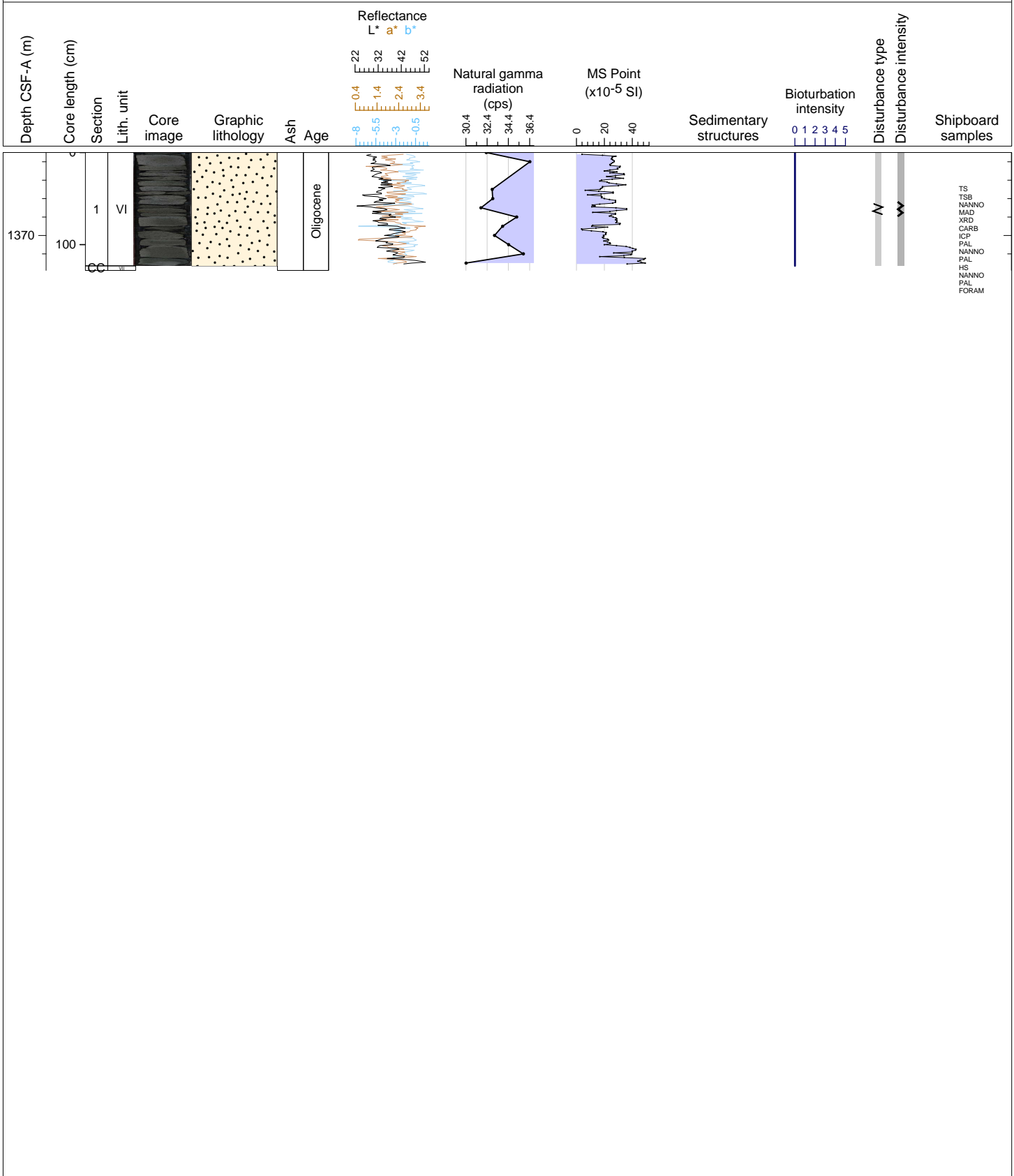
Hole 367-U1500B Core 55R, Interval 1359.4-1363.36 m (CSF-A)

Core U1500B 55R contains massive, very dark greenish gray NANNOFOSSIL-RICH CLAYSTONE. In addition, there is FORAMINIFERAL SANDSTONE recovered in the uppermost 11cm of this core. Bioturbation is heavy throughout the CLAYSTONE section. The core is highly fragmented.



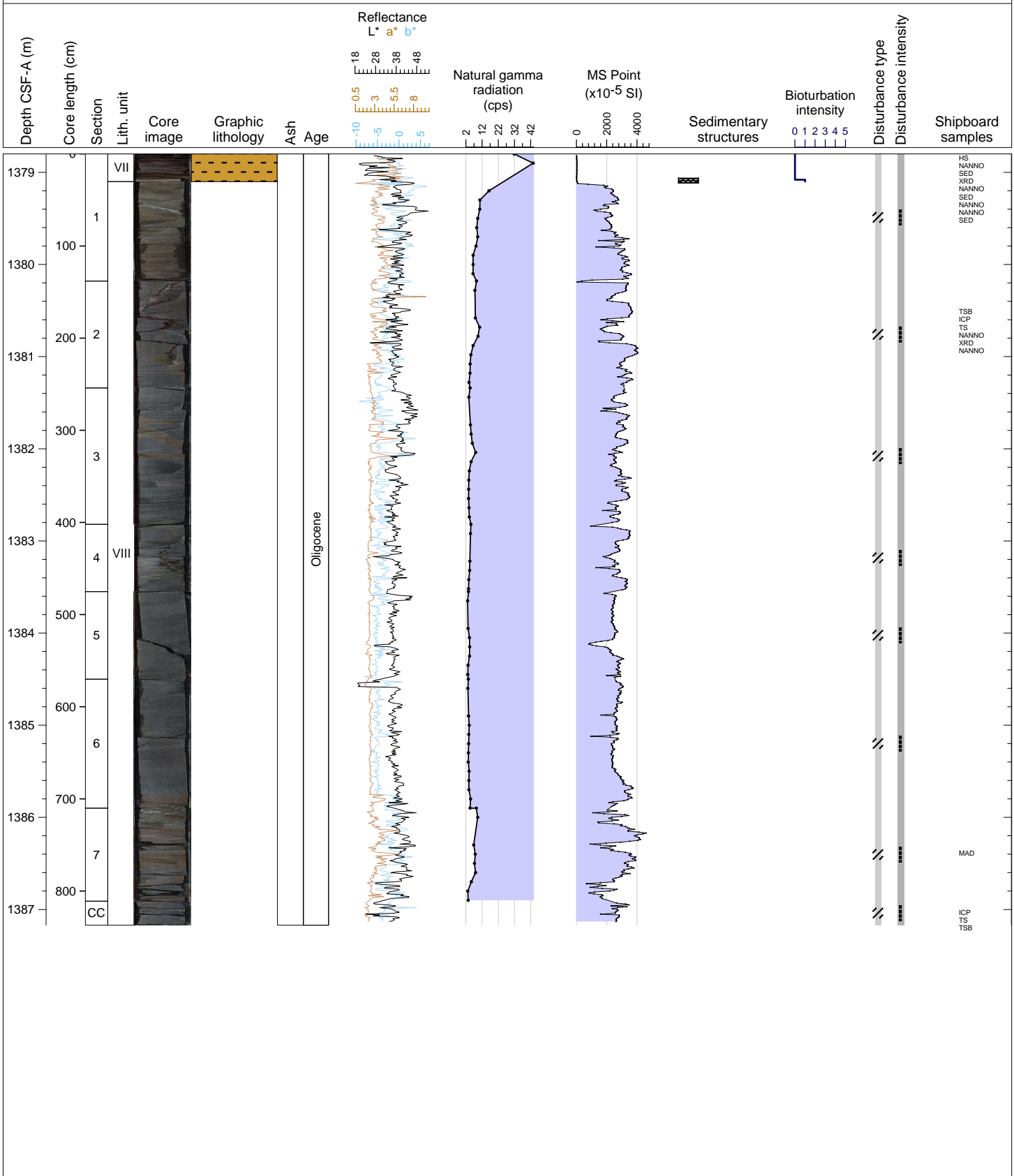
Hole 367-U1500B Core 56R, Interval 1369.1-1370.38 m (CSF-A)

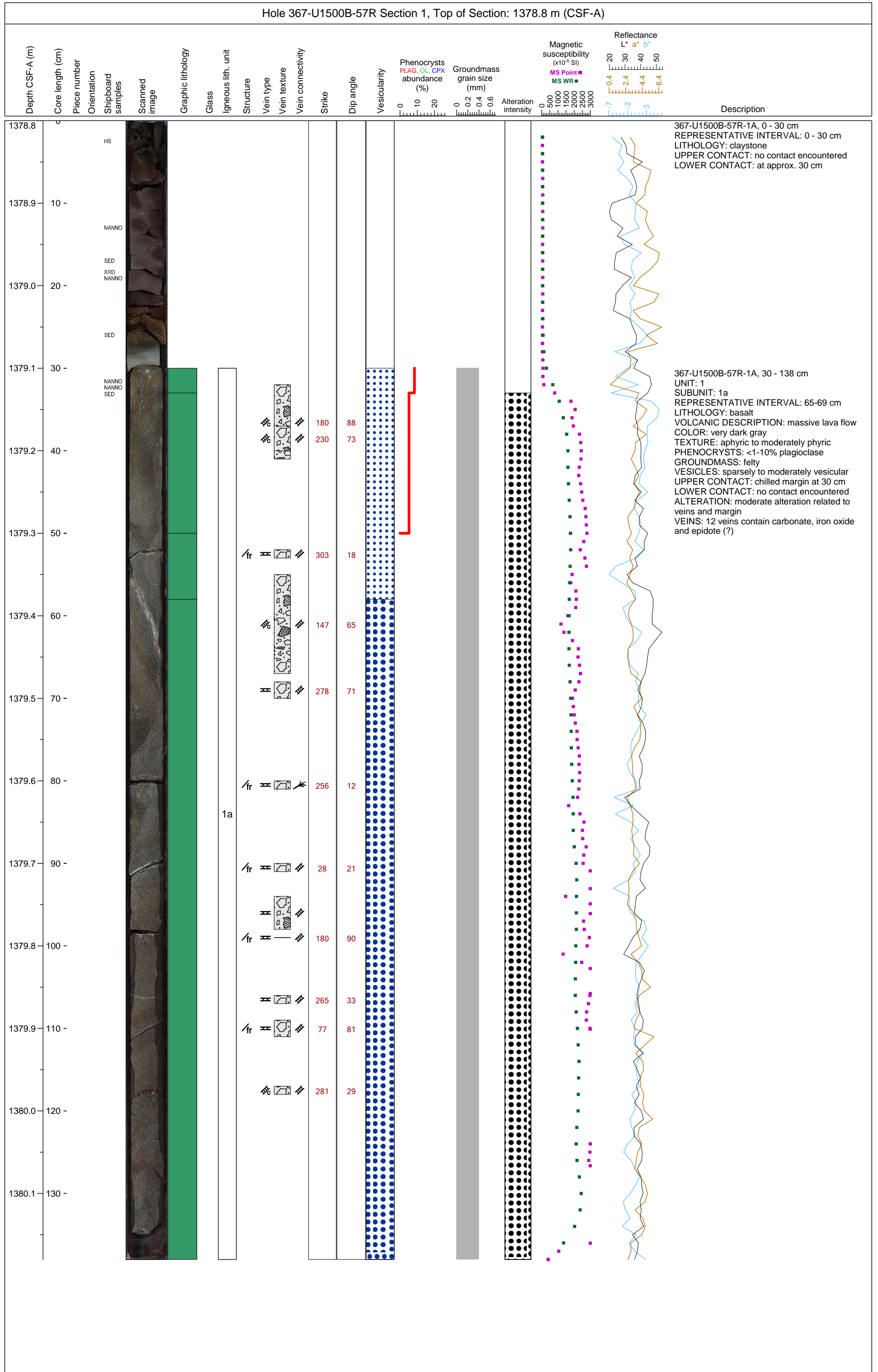
Core U1500B 56R contains massive, moderately well sorted, very dark greenish gray SANDSTONE. The core is highly fragmented due to drilling disturbance.

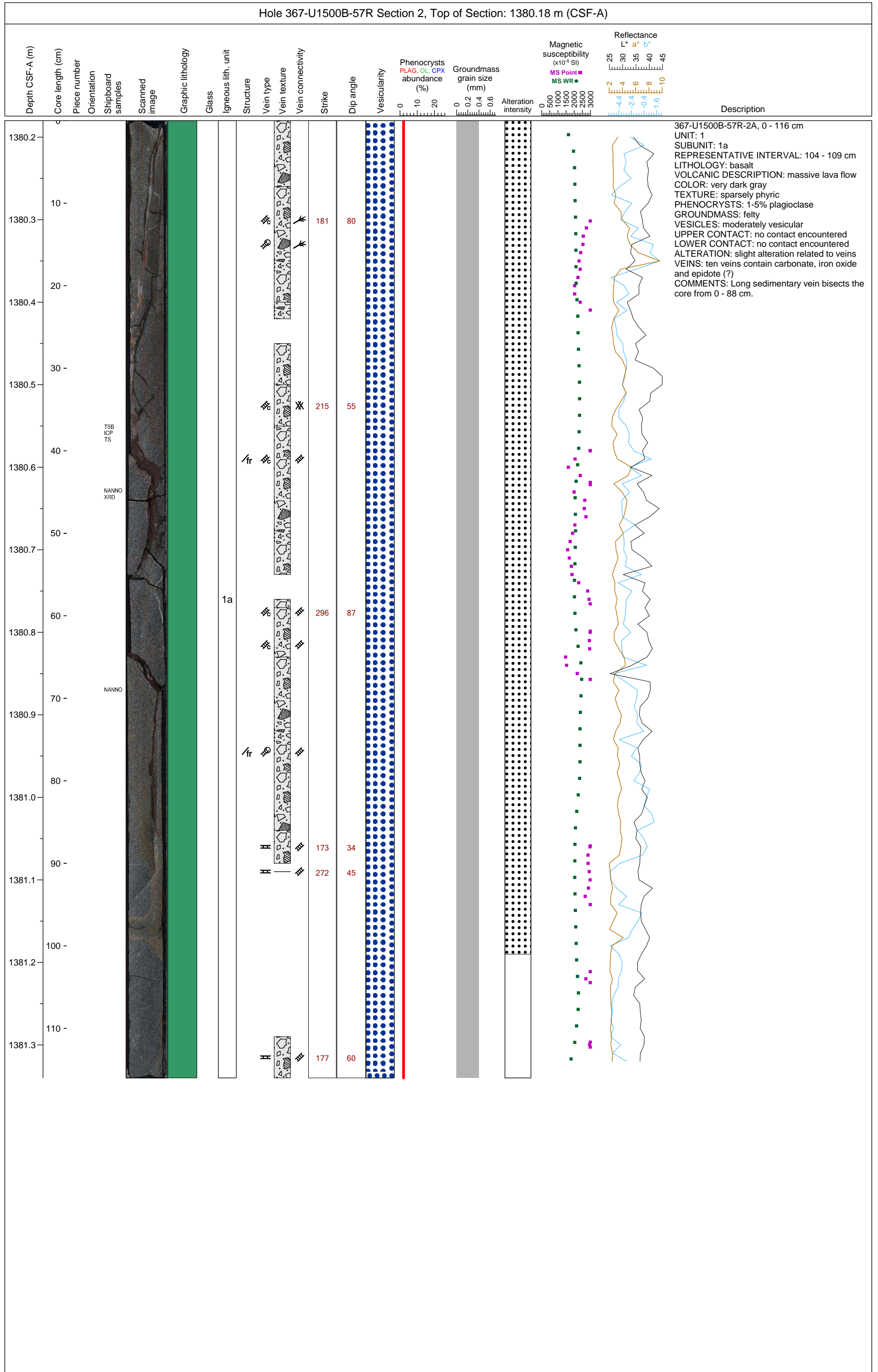


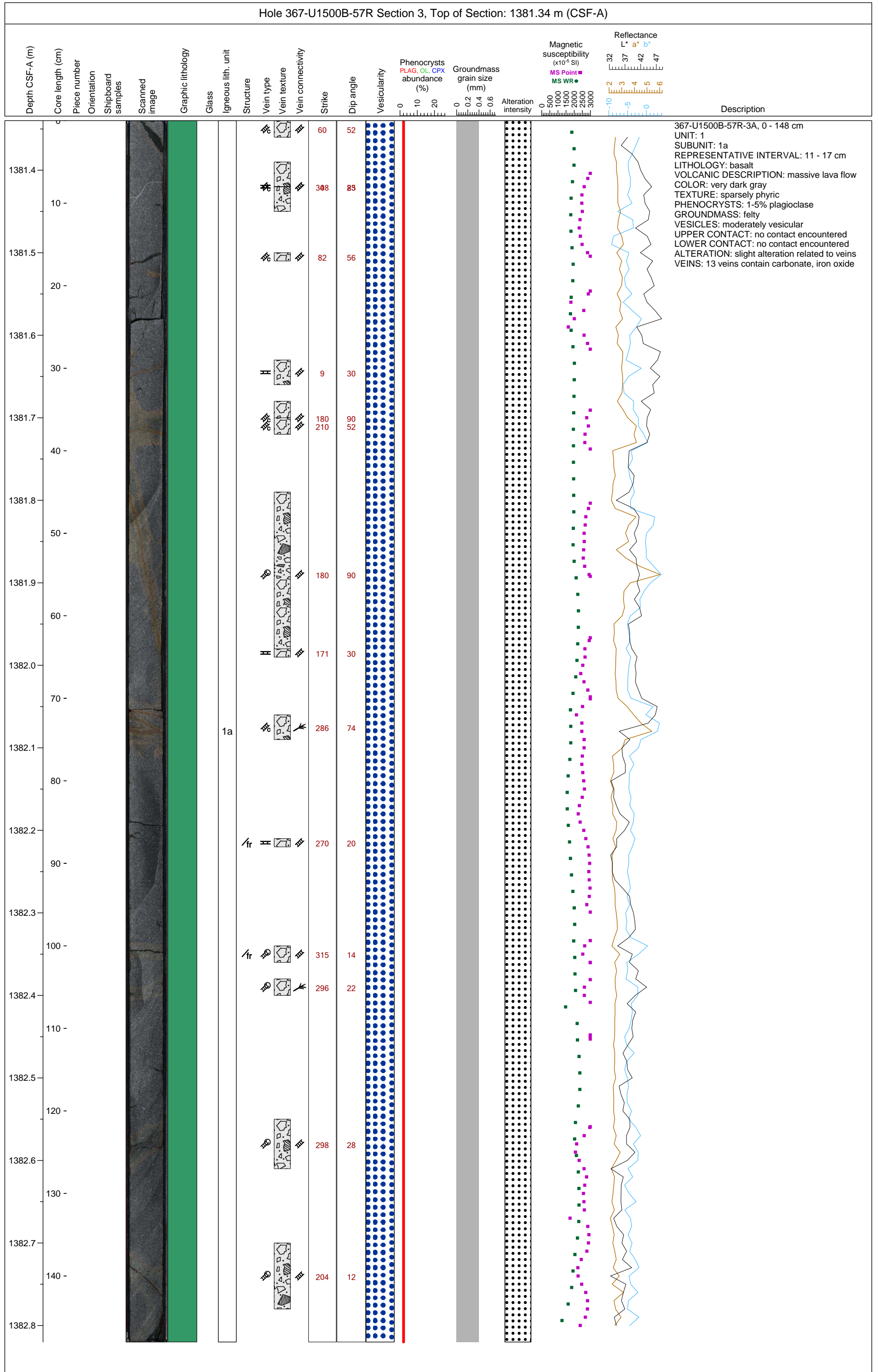
Hole 367-U1500B Core 57R, Interval 1378.8-1387.17 m (CSF-A)

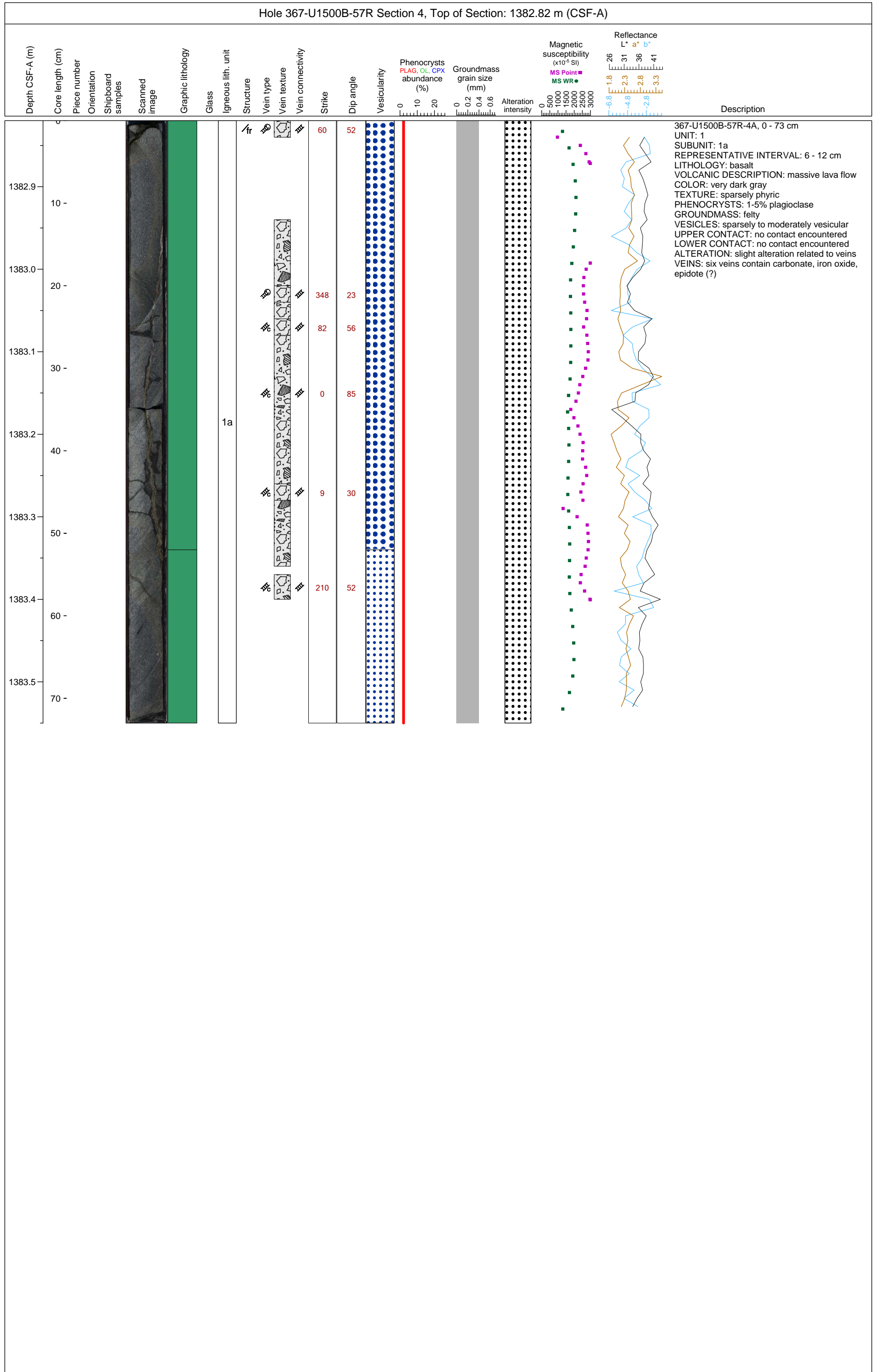
Core U1500B-57R from 0 cm to 34 cm in Section 1 contains very dusty red, dark reddish brown, and very greenish gray CLAYSTONE. Below 34 cm of Section 1, the lithology changes to moderately altered to fresh, sparsely plagioclase phyric to aphyric BASALT. The basalt is nonvesicular to moderately vesicular. The drilling disturbance in the claystone is moderate, and slight in the basalt.

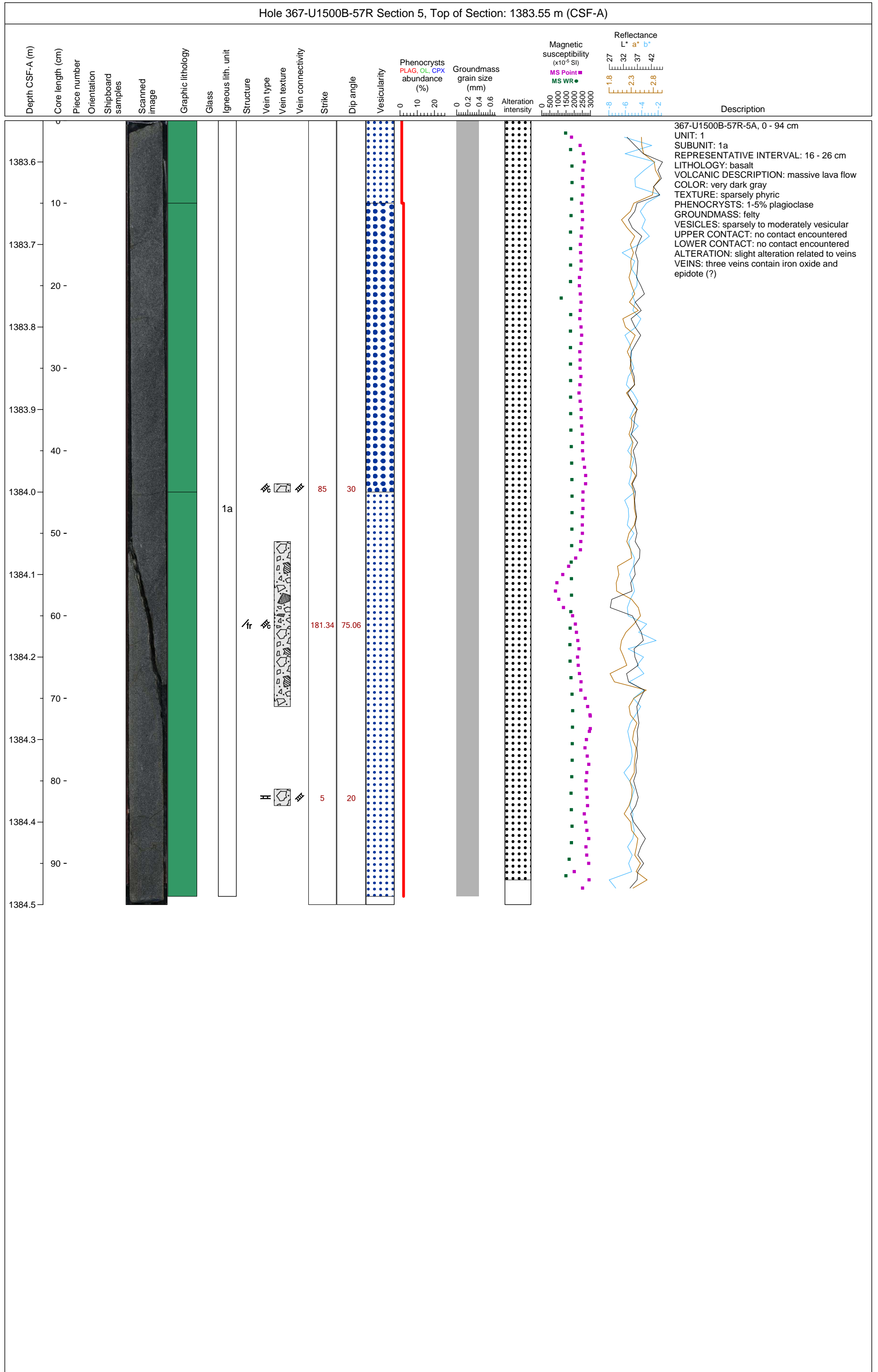


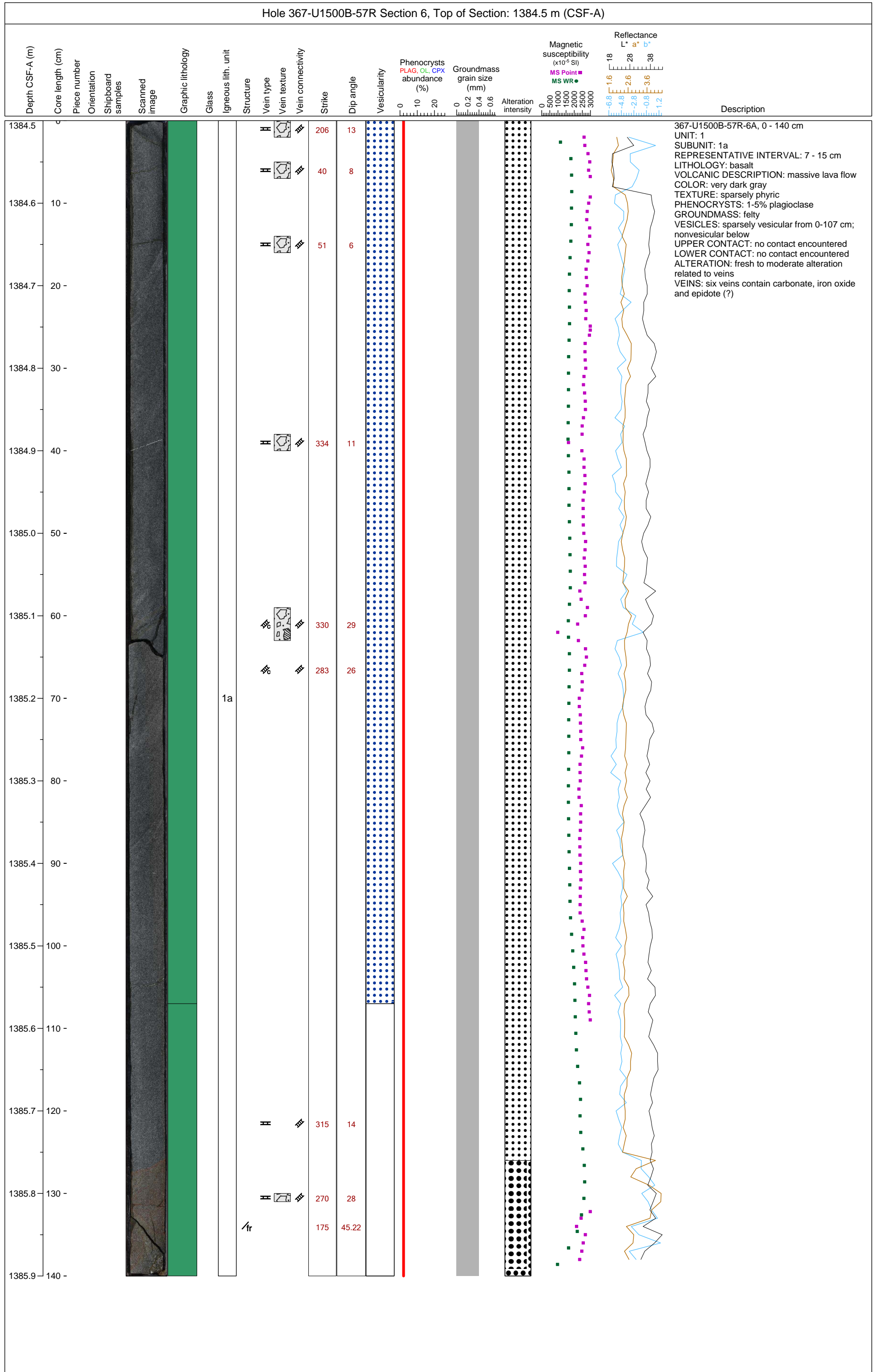


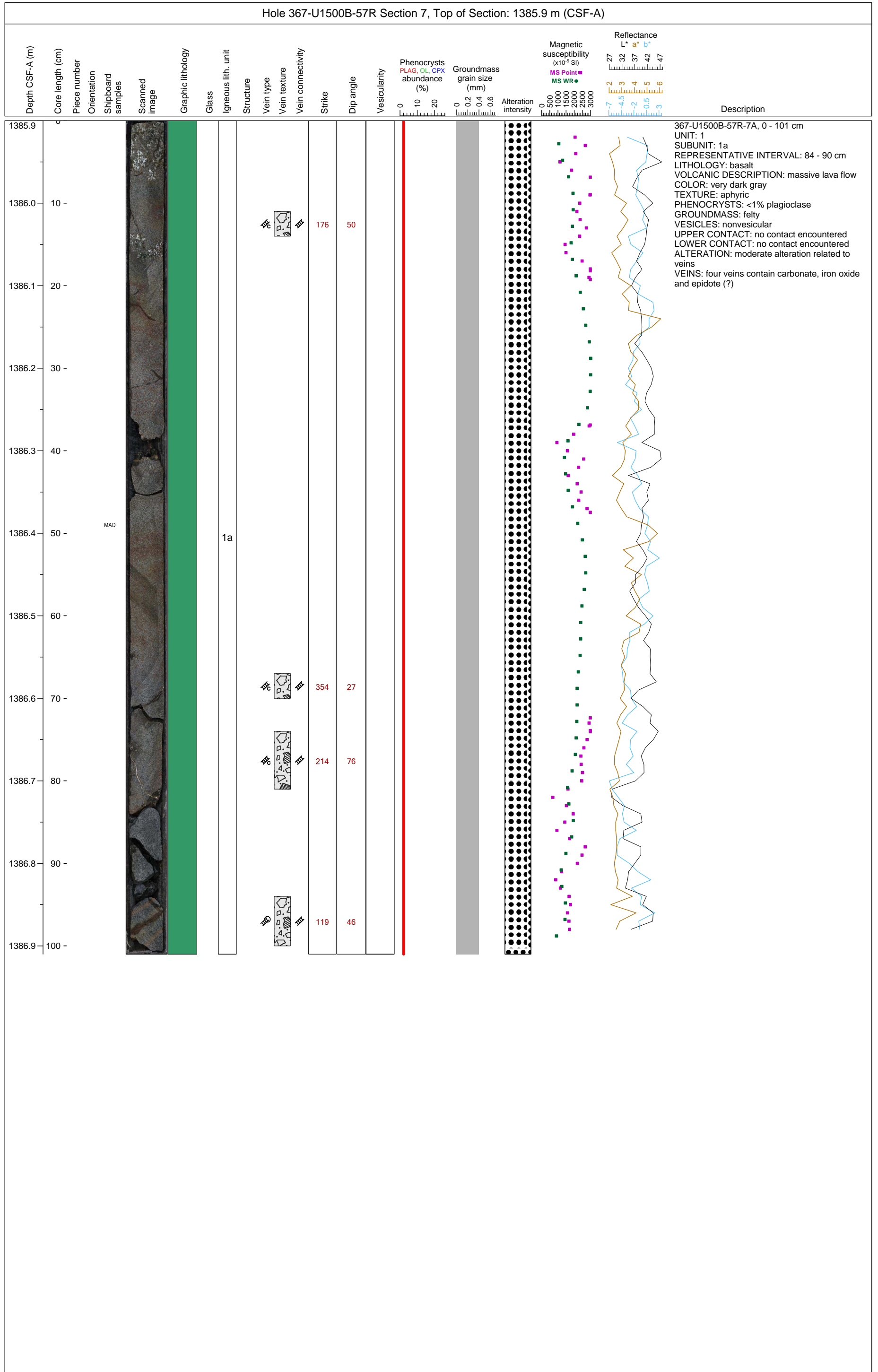


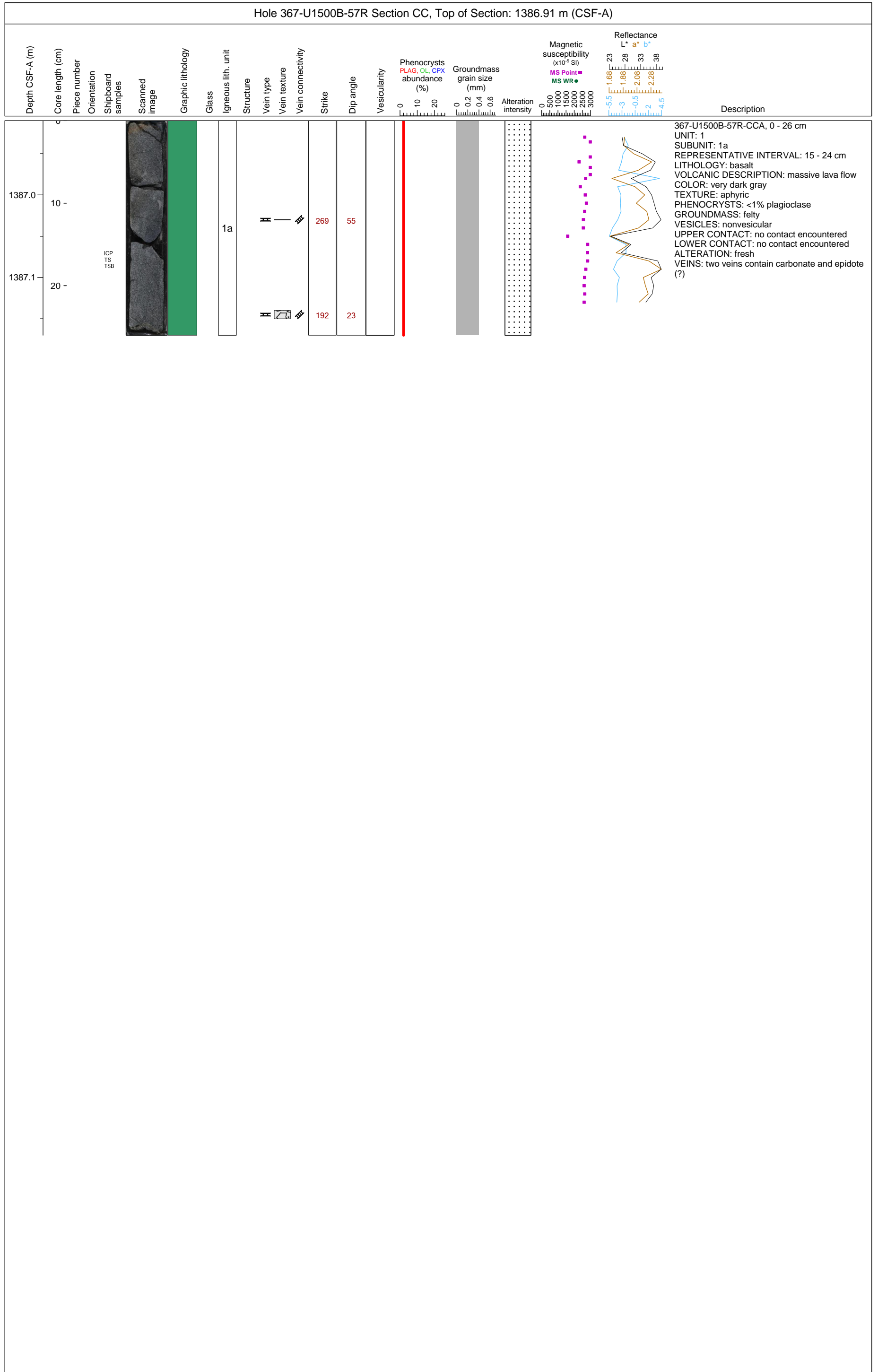






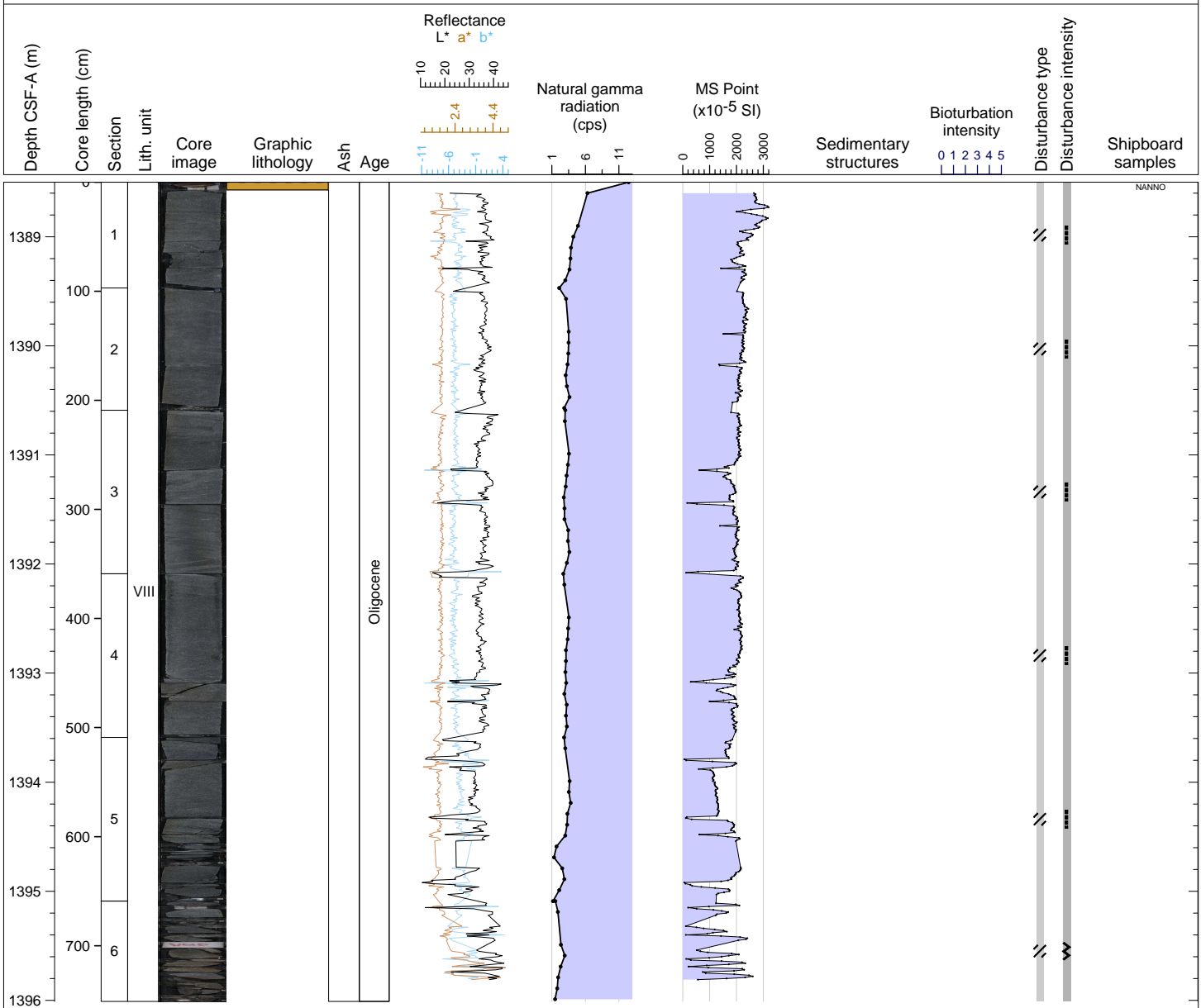


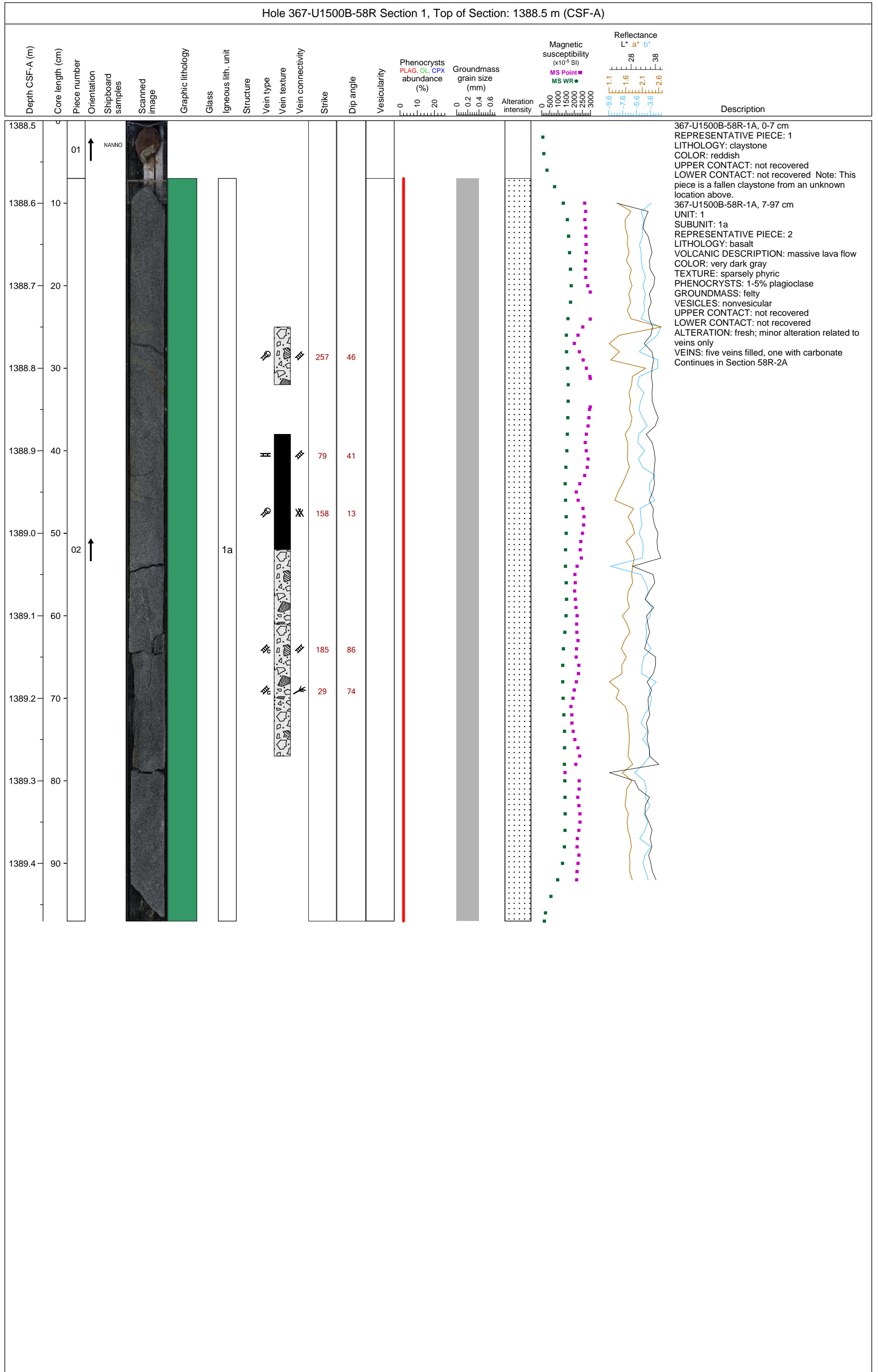


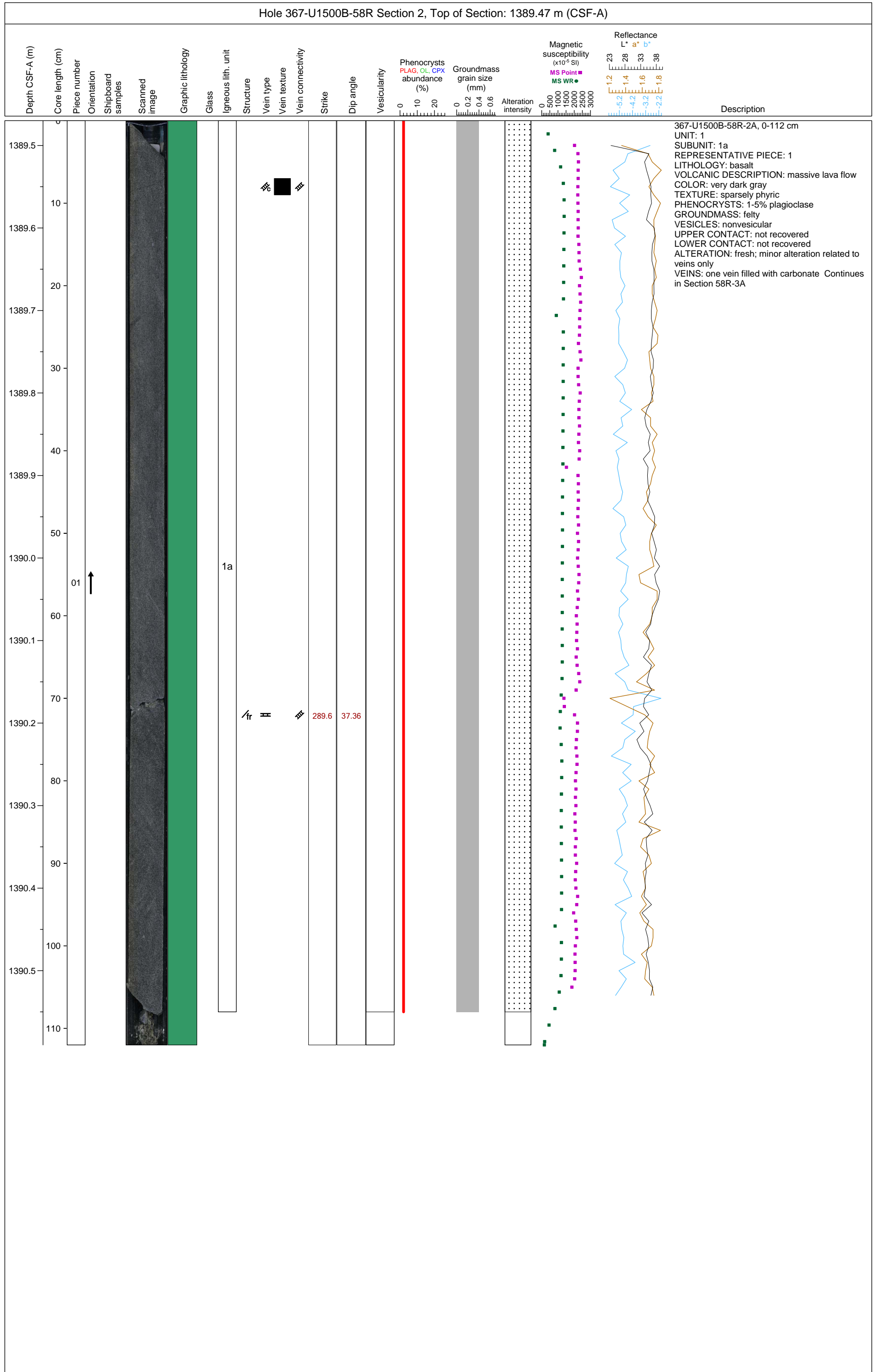


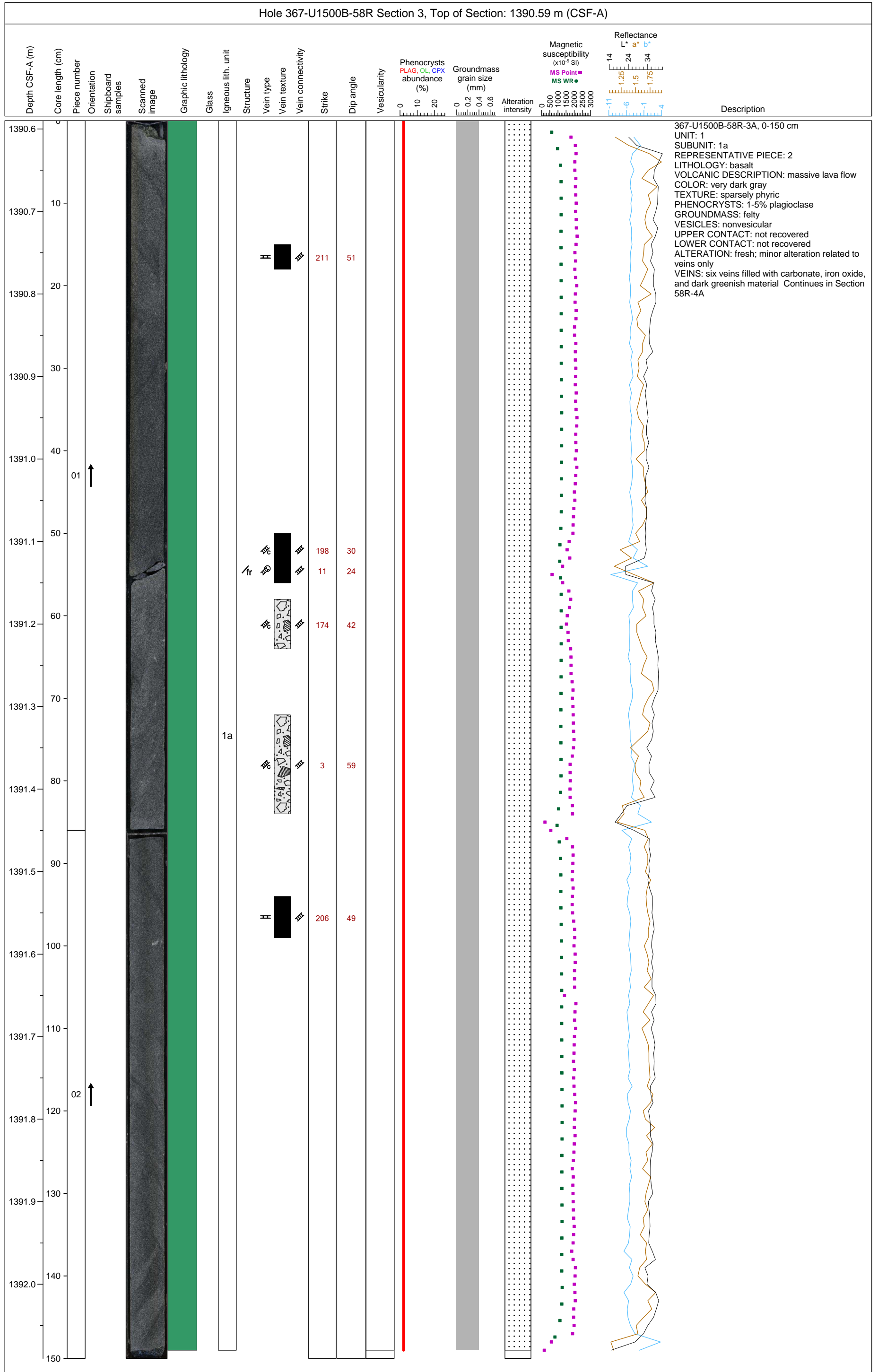
Hole 367-U1500B Core 58R, Interval 1388.5-1396.01 m (CSF-A)

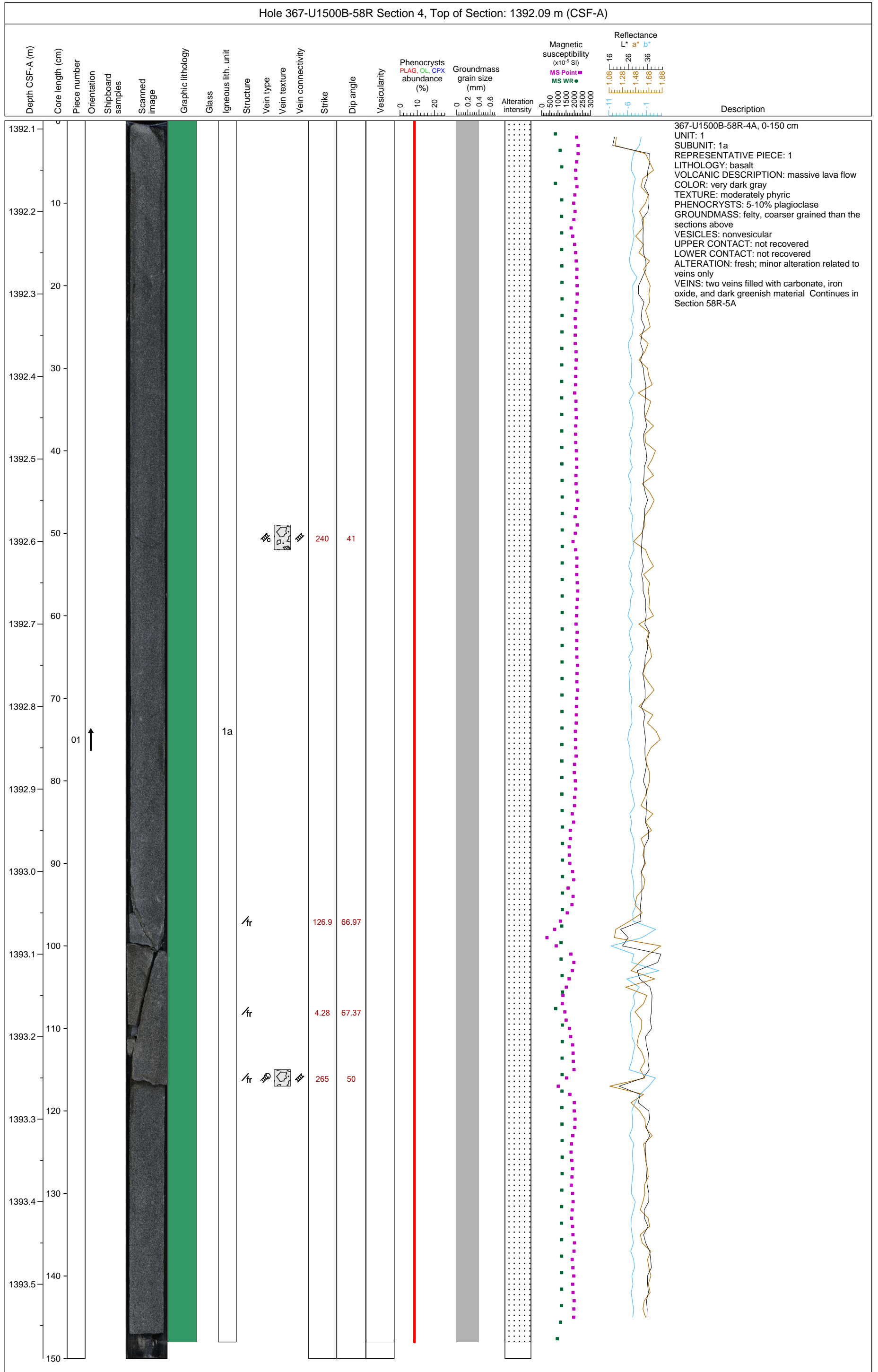
Core U1500B-58R continues with sparsely to moderately plagioclase phyric BASALT. Sections 1 to 5 show fresh rock with occasional veining. In Section 6, below 38 cm, the plagioclase phyric basalt is moderately altered. The top 7 cm of Section 1 consist of a fallen red CLAYSTONE.

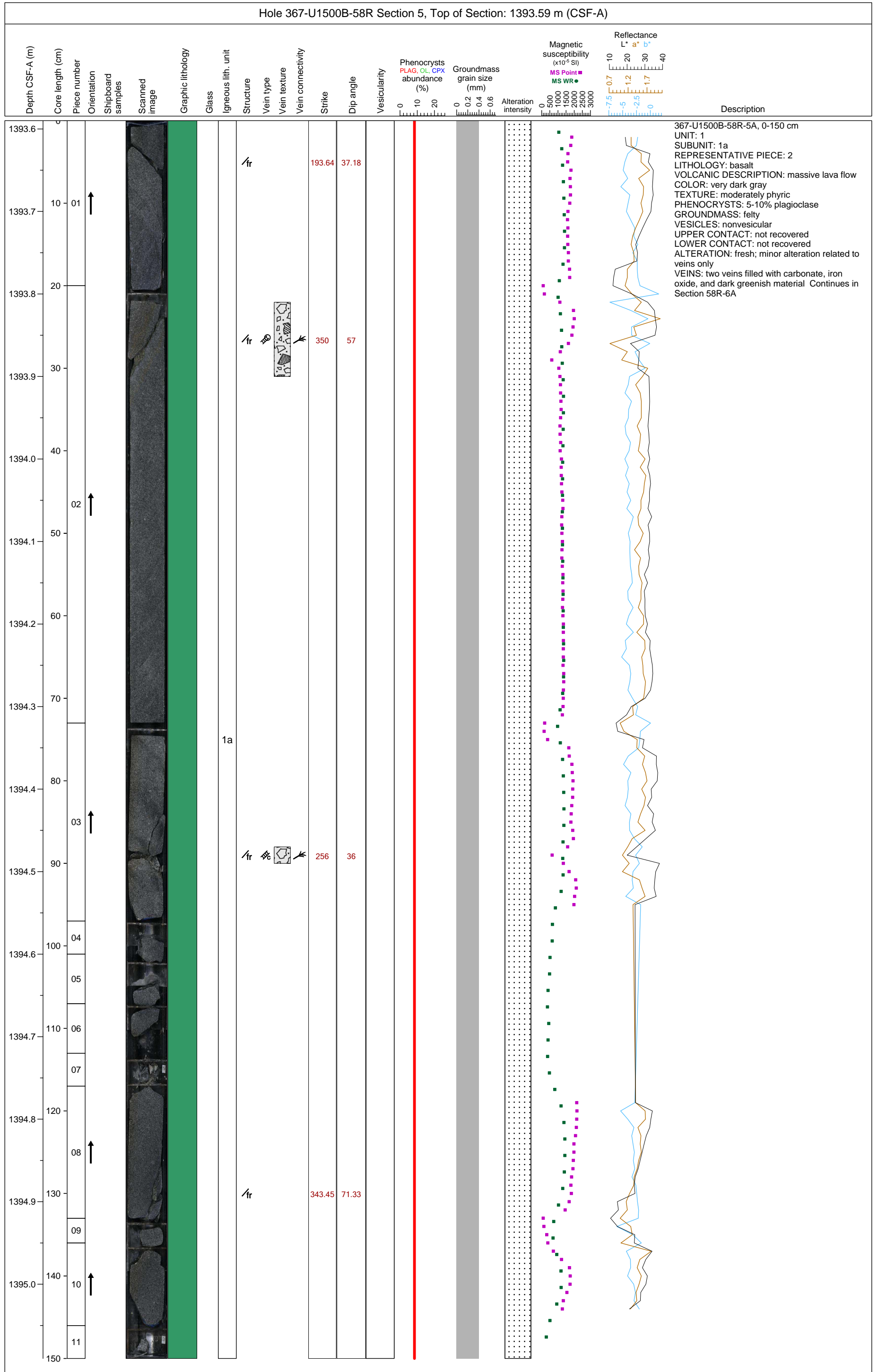


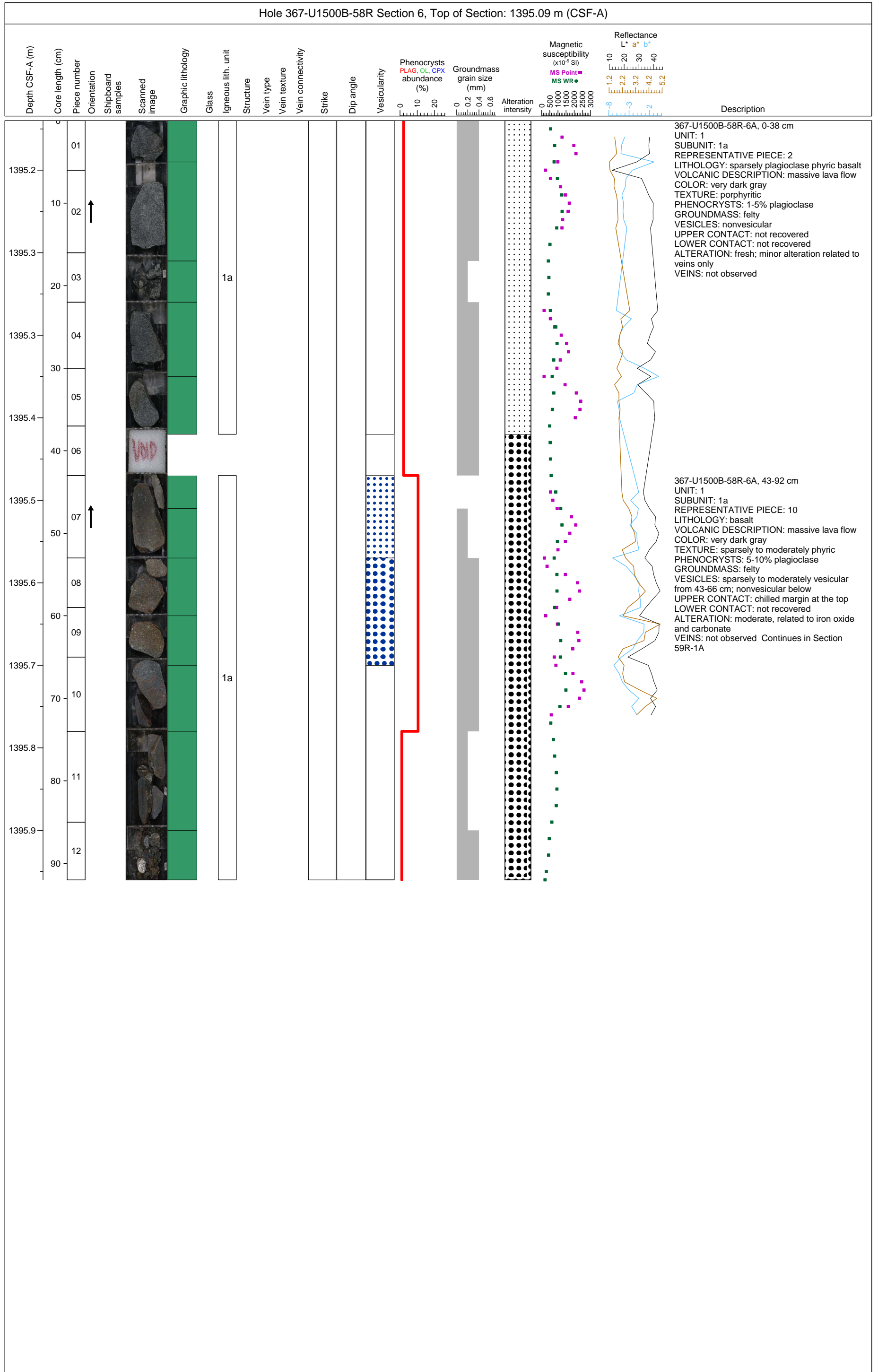


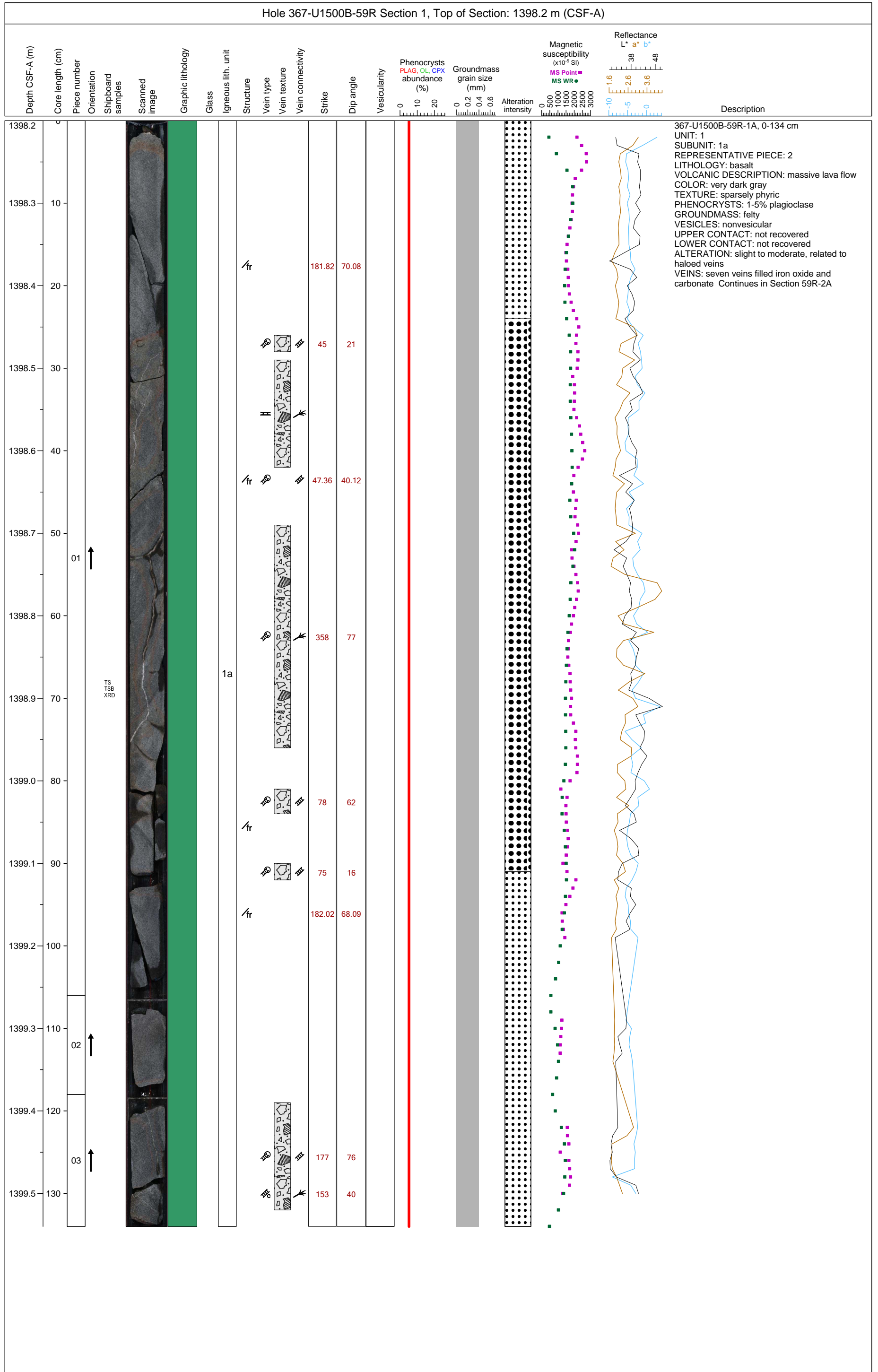


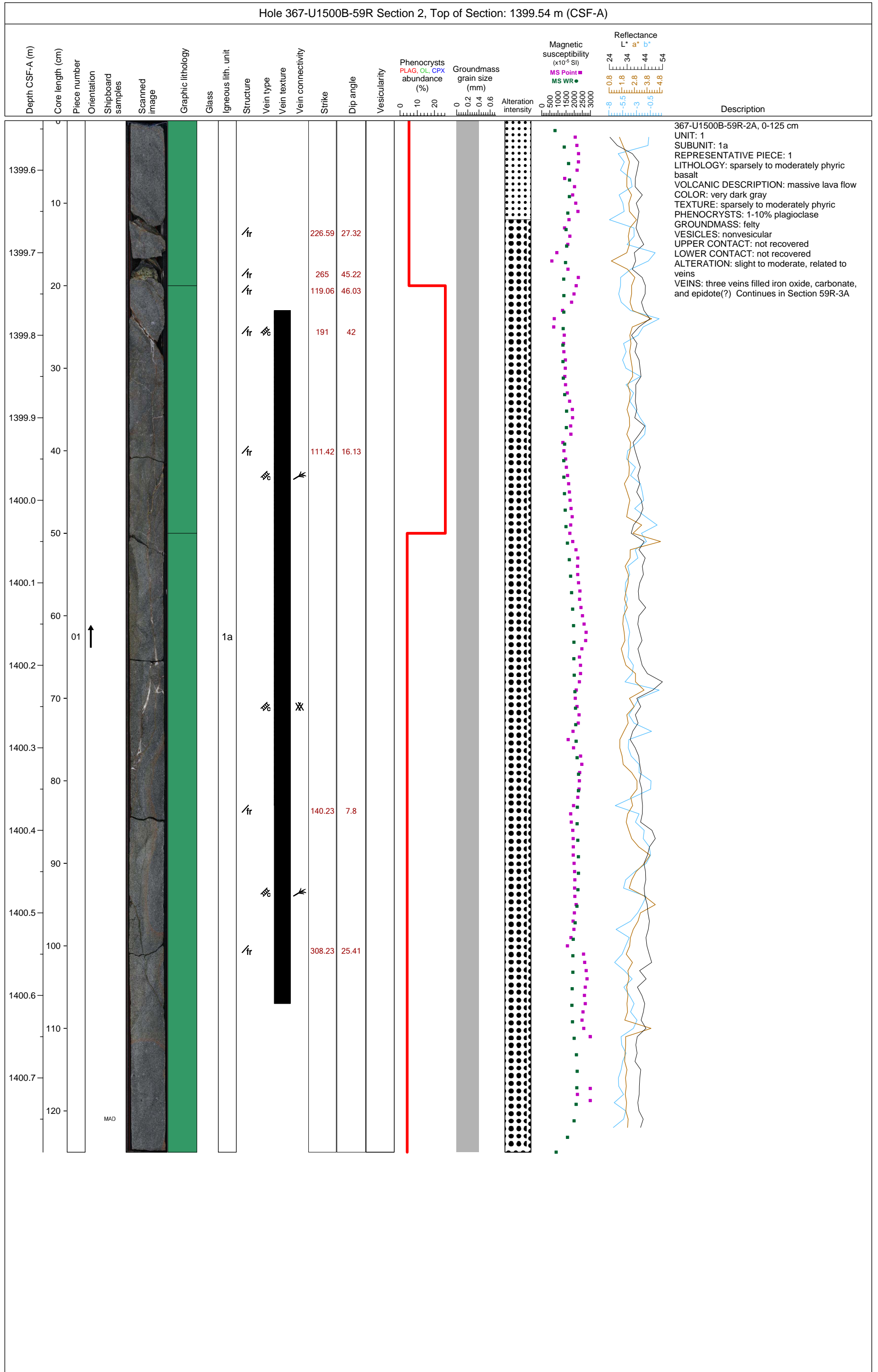


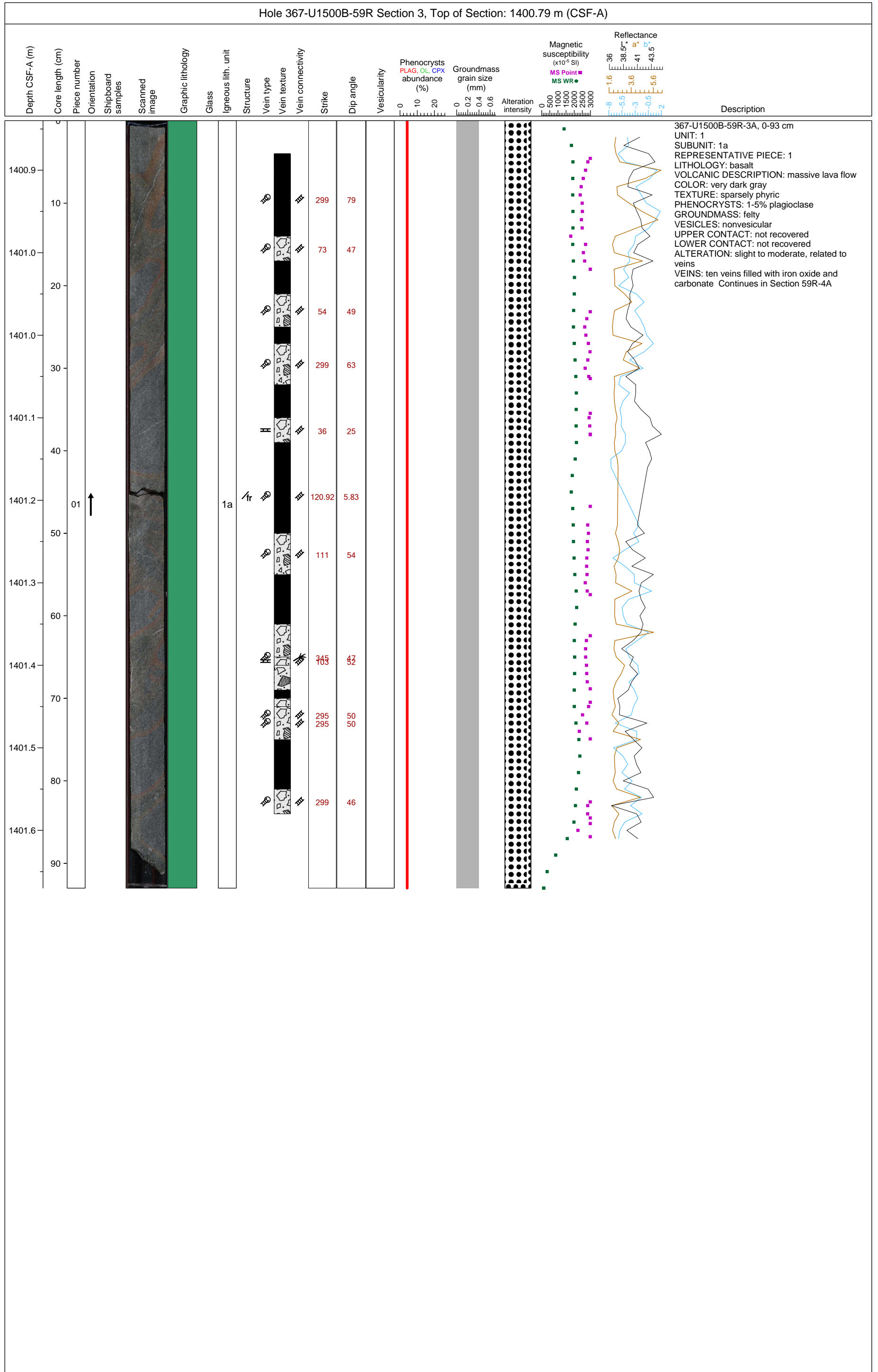


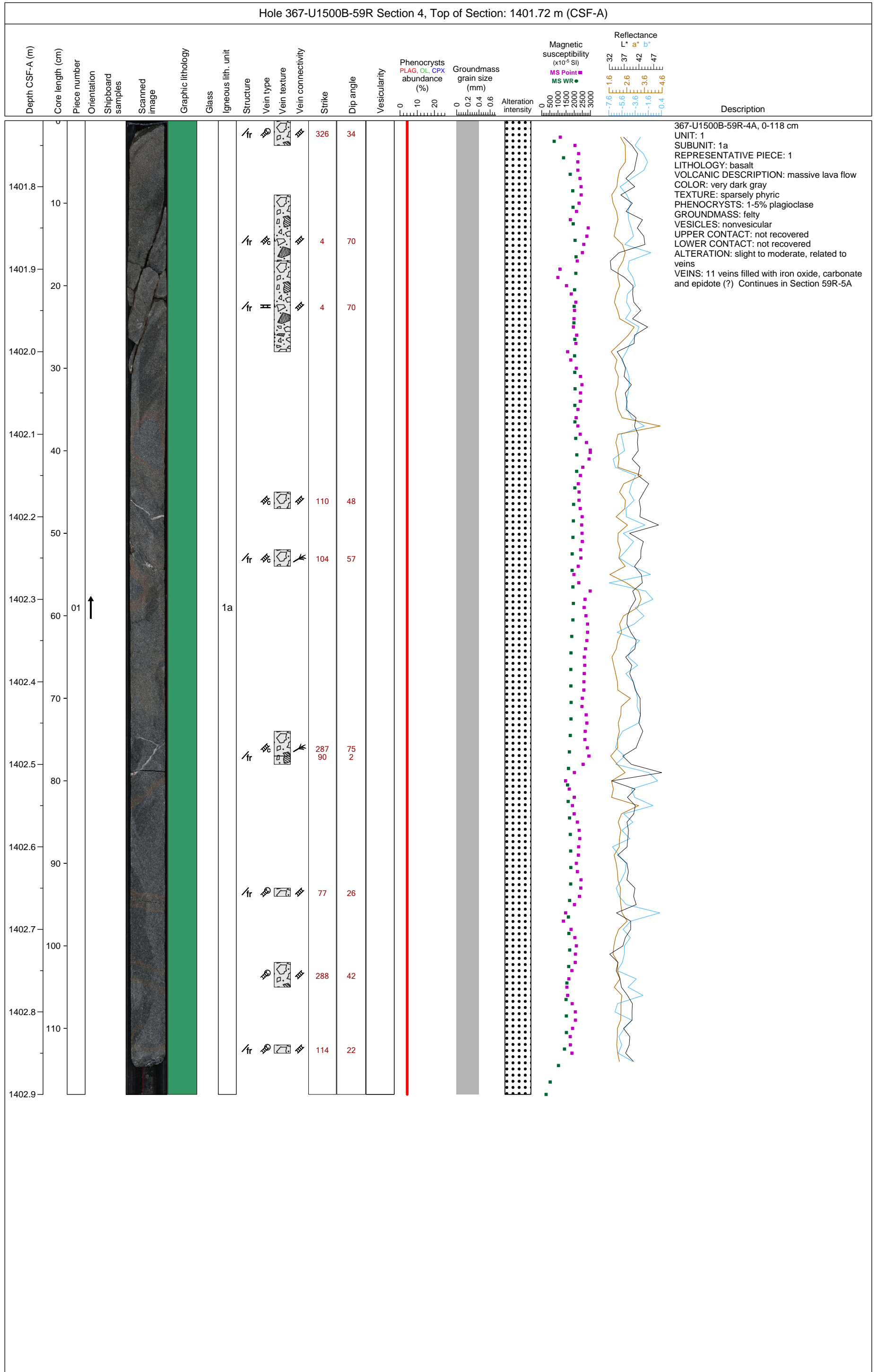


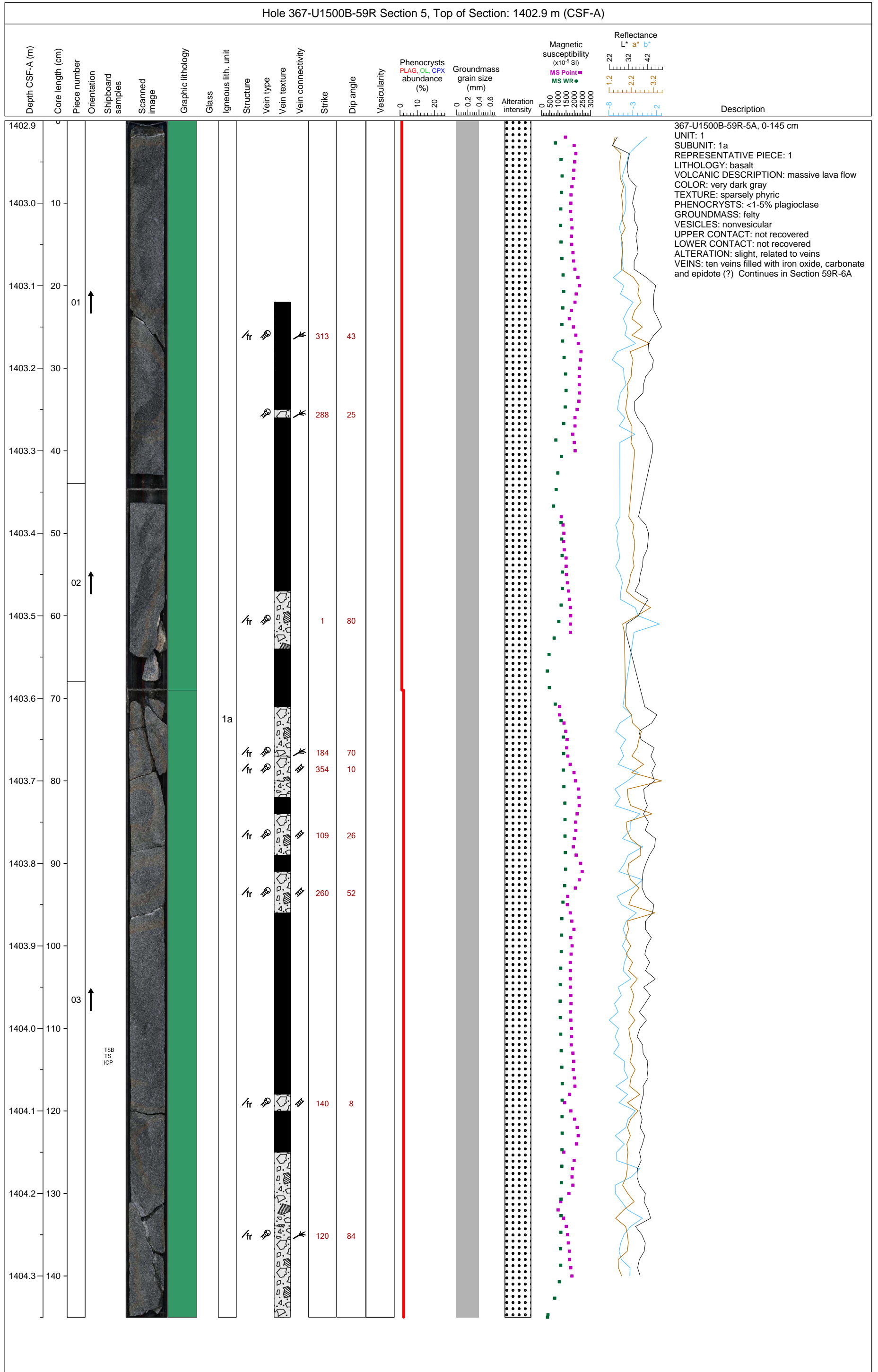


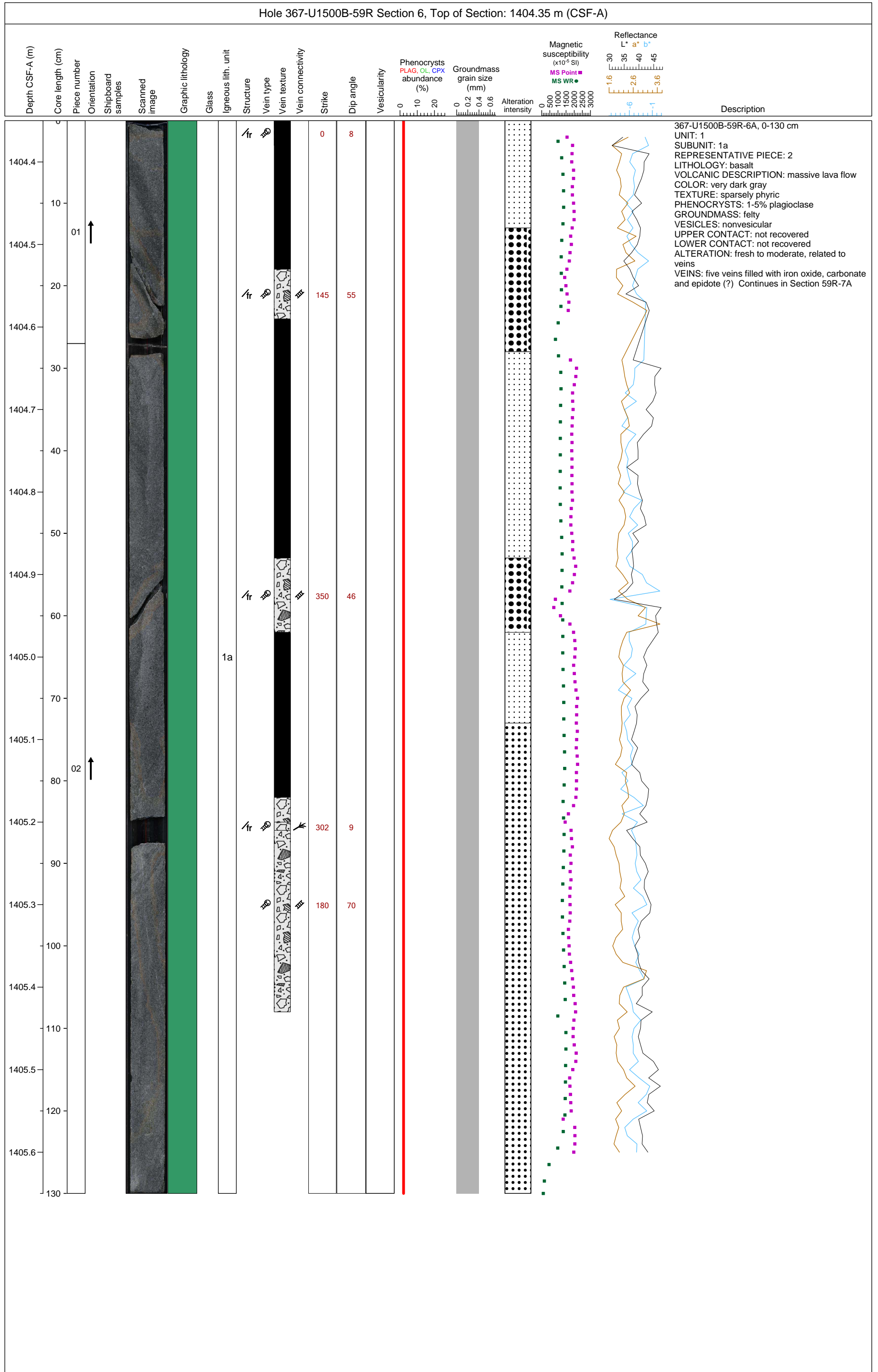


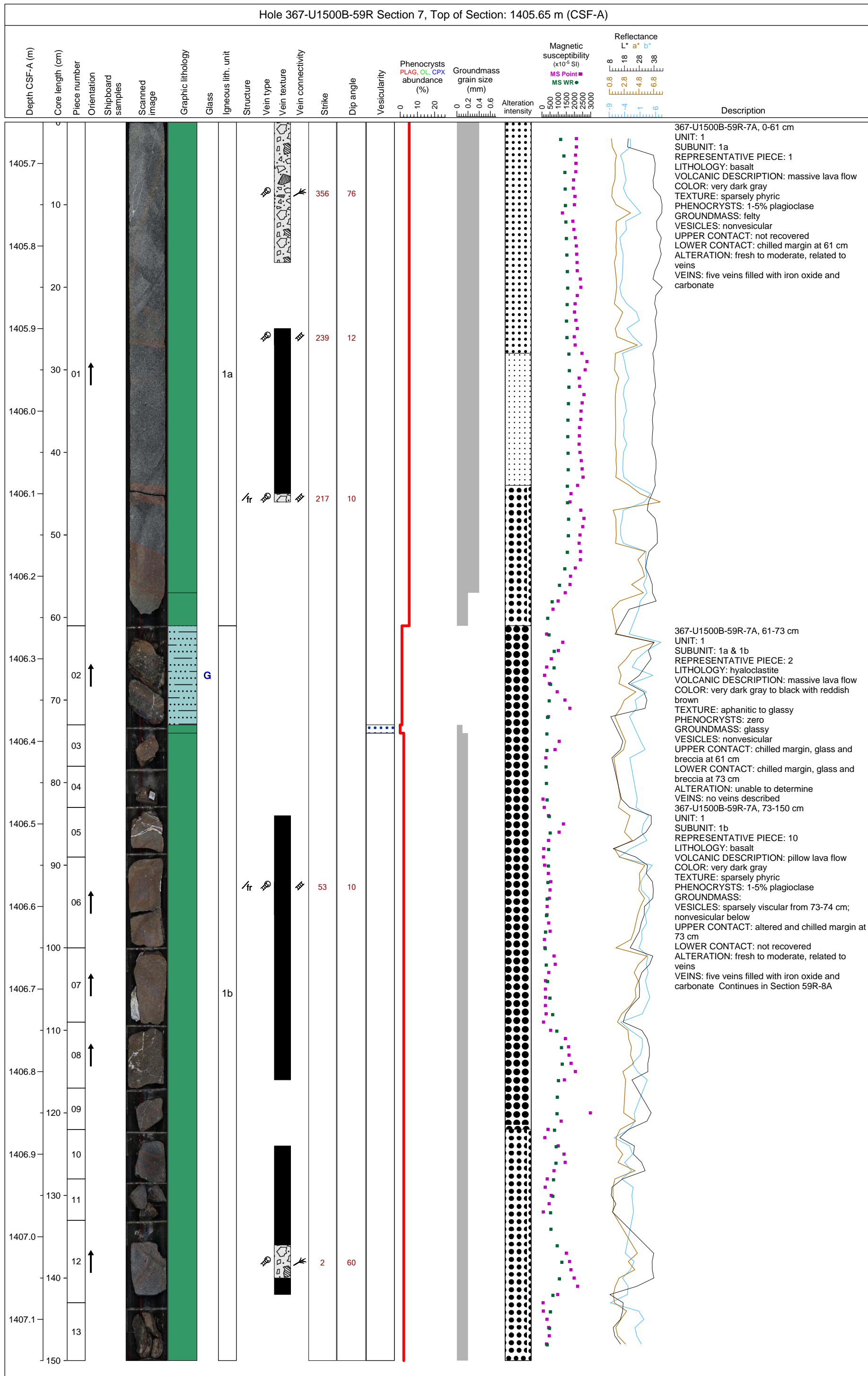




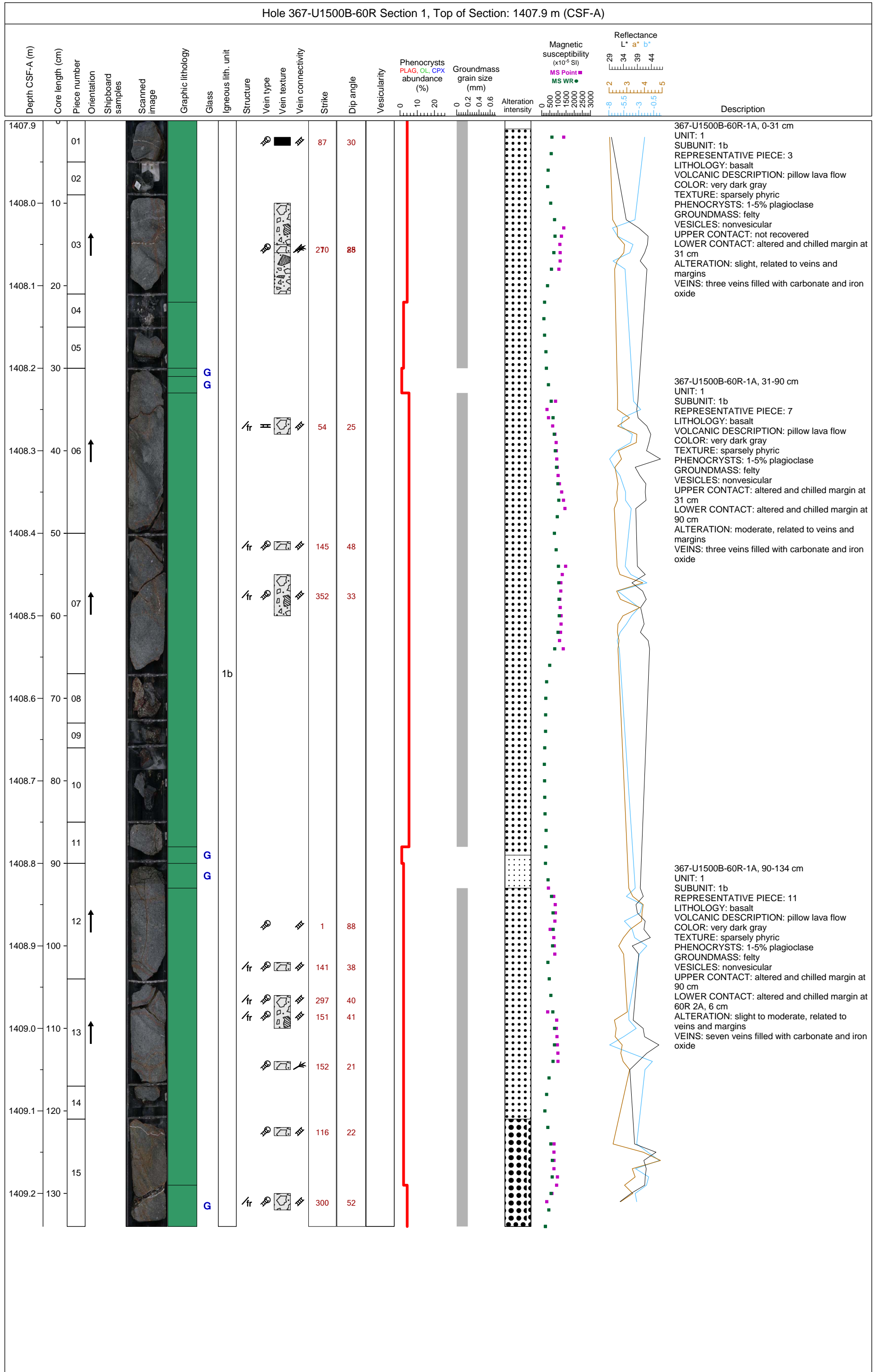


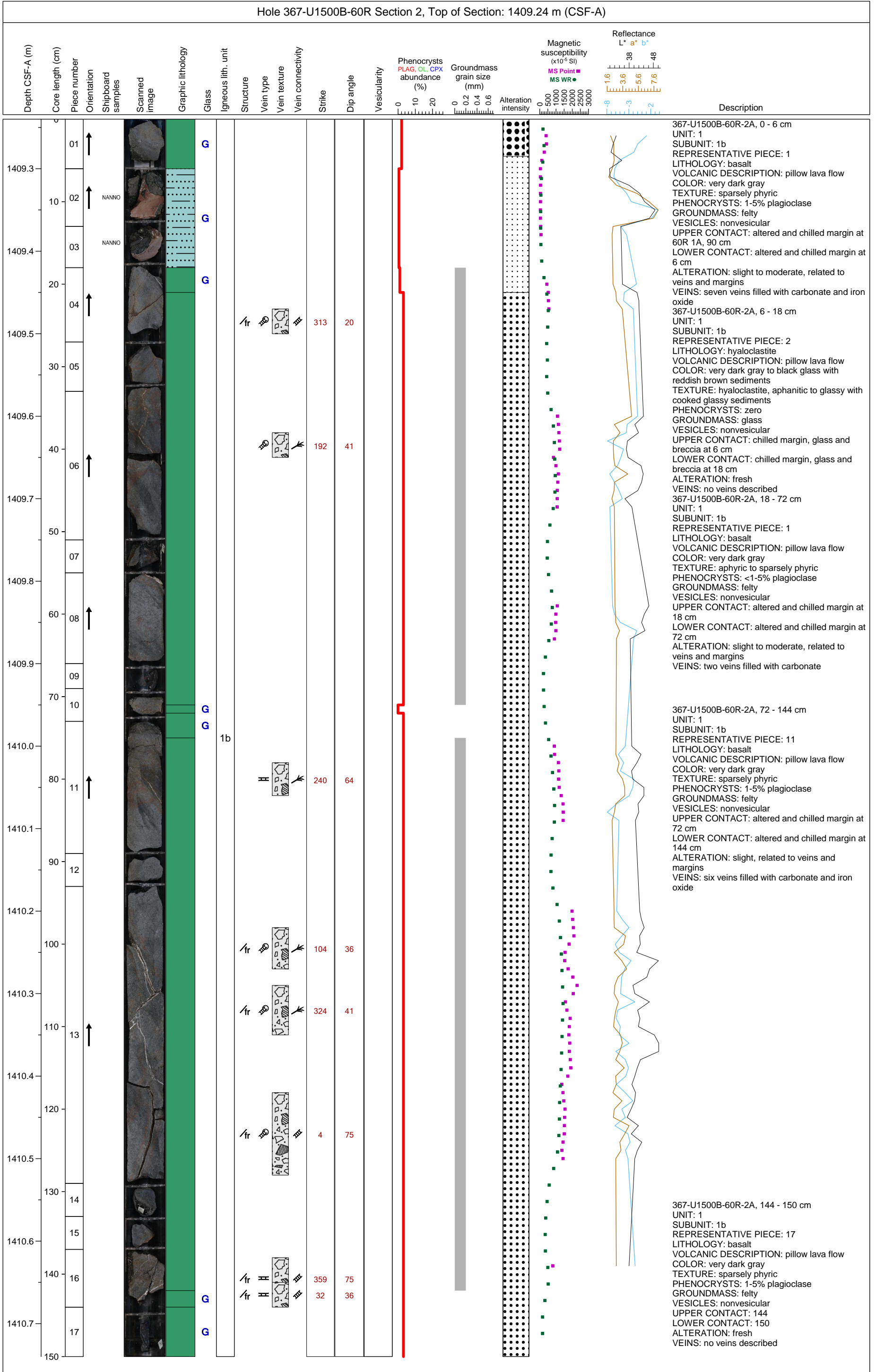


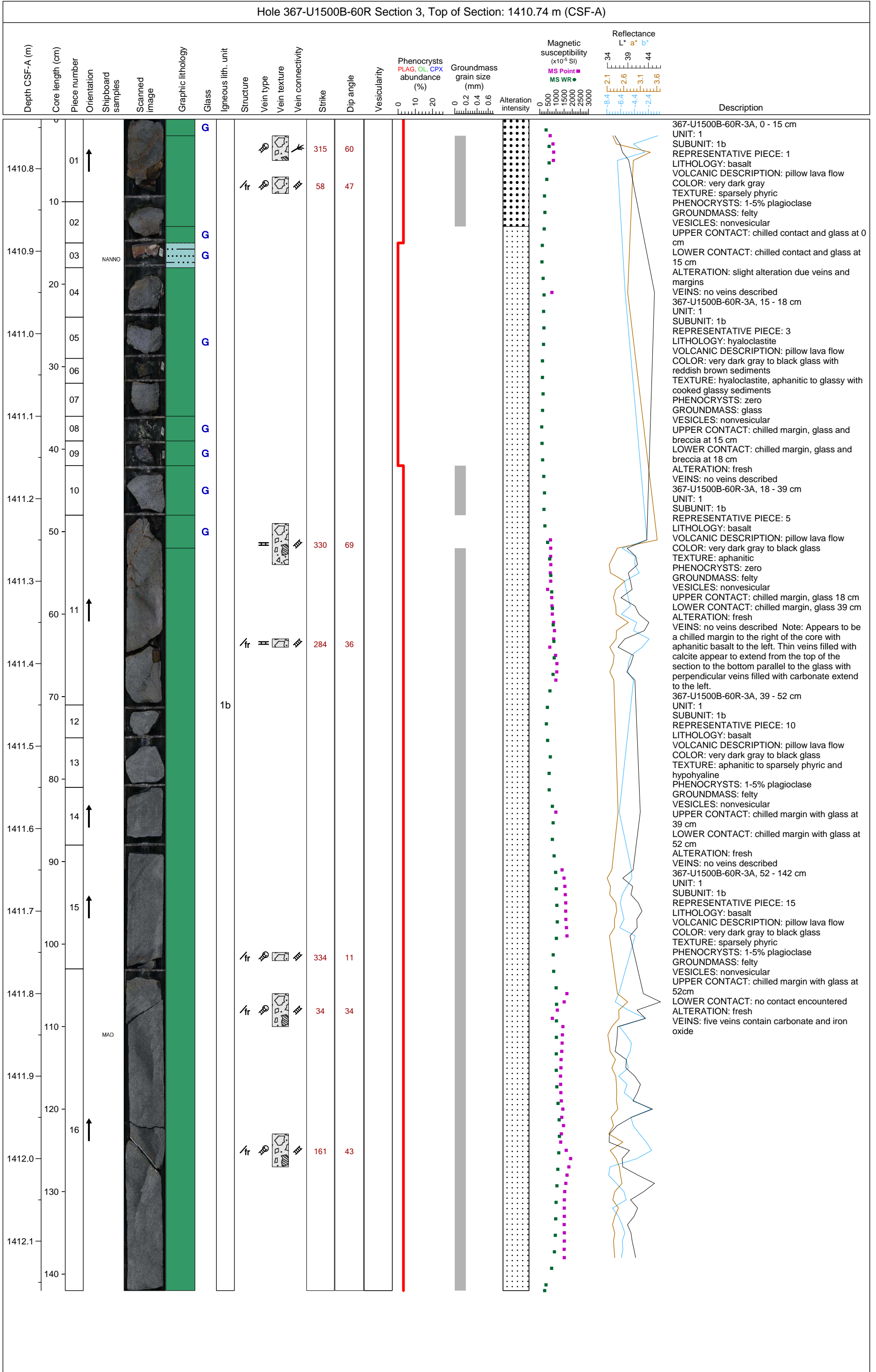


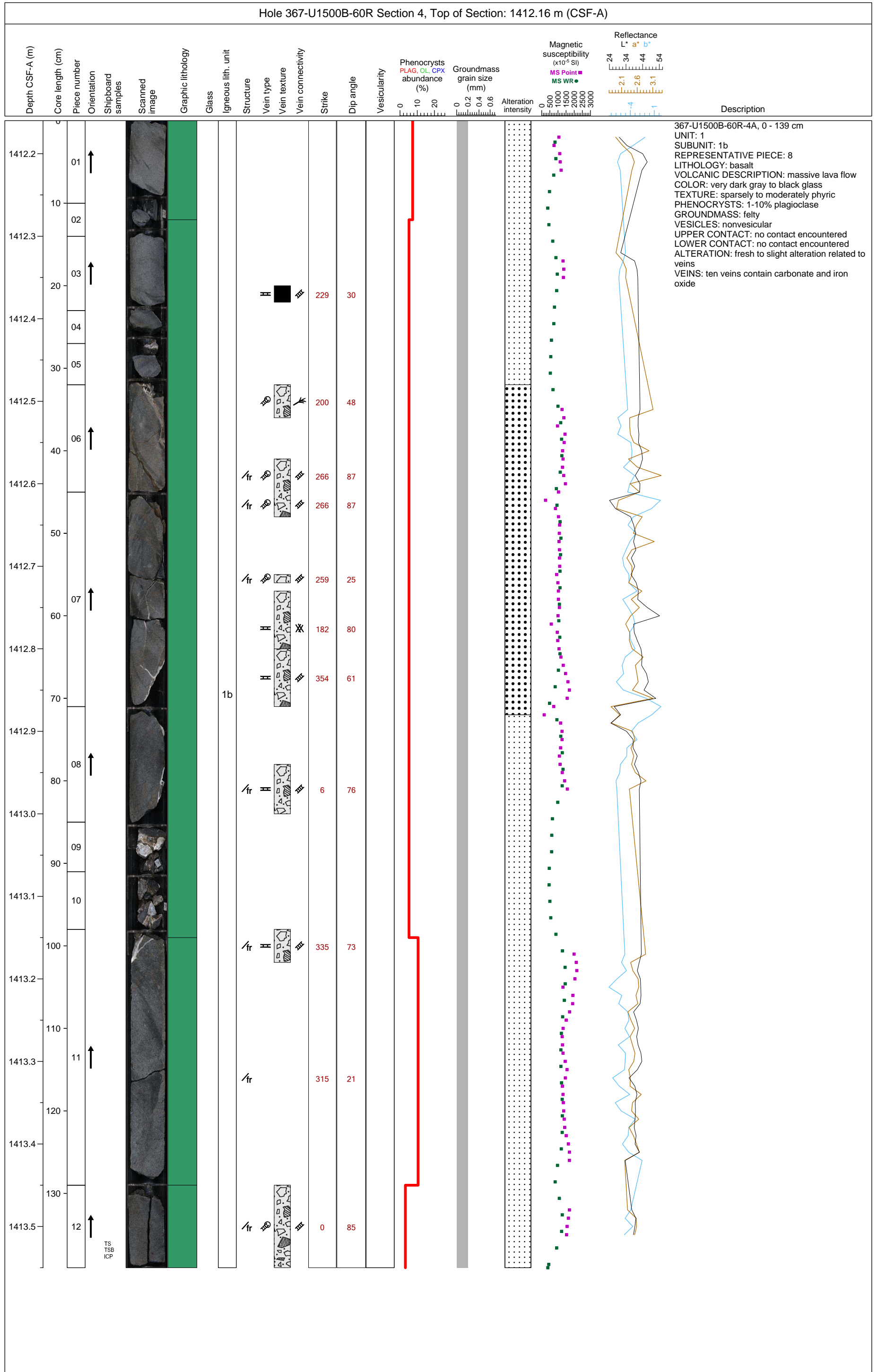


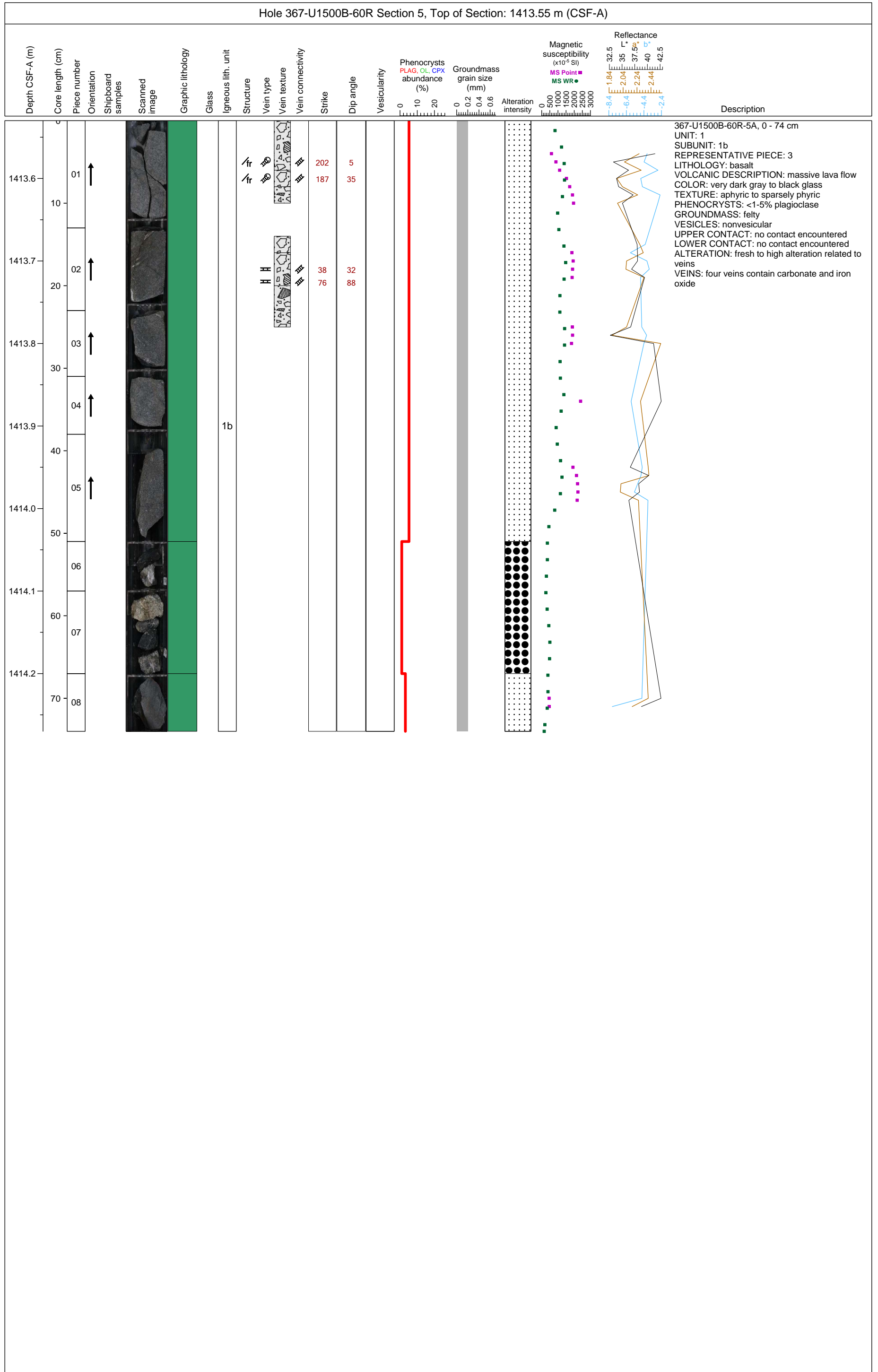
Hole 367-U1500B-59R Section 8, Top of Section: 1407.15 m (CSF-A)																							
Depth CSF-A (m)	Core length (cm)	Piece number	Orientation	Shipboard samples	Scanned image	Graphic lithology	Glass	Igneous lith. unit	Structure	Vein type	Vein texture	Vein connectivity	Strike	Dip angle	Vesicularity	Phenocrysts PLAG, OL, CPX abundance (%)	Groundmass grain size (mm)	Alteration intensity	Magnetic susceptibility (x10 ⁻⁶ SI)	MS Point	MS WR	Reflectance L* a* b*	Description
1407.2	0	01						1b					360	85		0	0						367-U1500B-59R-8A, 0-7 cm UNIT: 1 SUBUNIT: 1b REPRESENTATIVE PIECE: 1 LITHOLOGY: basalt VOLCANIC DESCRIPTION: pillow lava flow COLOR: very dark gray TEXTURE: sparsely phyrlic PHENOCRYSTS: 1-5% plagioclase GROUNDMASS: felty VESICLES: sparsely vesicular UPPER CONTACT: not recovered LOWER CONTACT: altered and chilled margin at 7 cm ALTERATION: moderate, related to veins and margins VEINS: one carbonate vein
1407.3	10	02						1b					2	65		0	0						367-U1500B-59R-8A, 7-22 cm UNIT: 1 SUBUNIT: 1b REPRESENTATIVE PIECE: 2 LITHOLOGY: basalt VOLCANIC DESCRIPTION: pillow lava flow COLOR: very dark gray TEXTURE: sparsely phyrlic PHENOCRYSTS: 1-5% plagioclase GROUNDMASS: felty VESICLES: nonvesicular UPPER CONTACT: altered and chilled margin at 7 cm LOWER CONTACT: not recovered ALTERATION: moderate, related to veins and margins VEINS: one vein filled with carbonate
1407.3	20	03																					





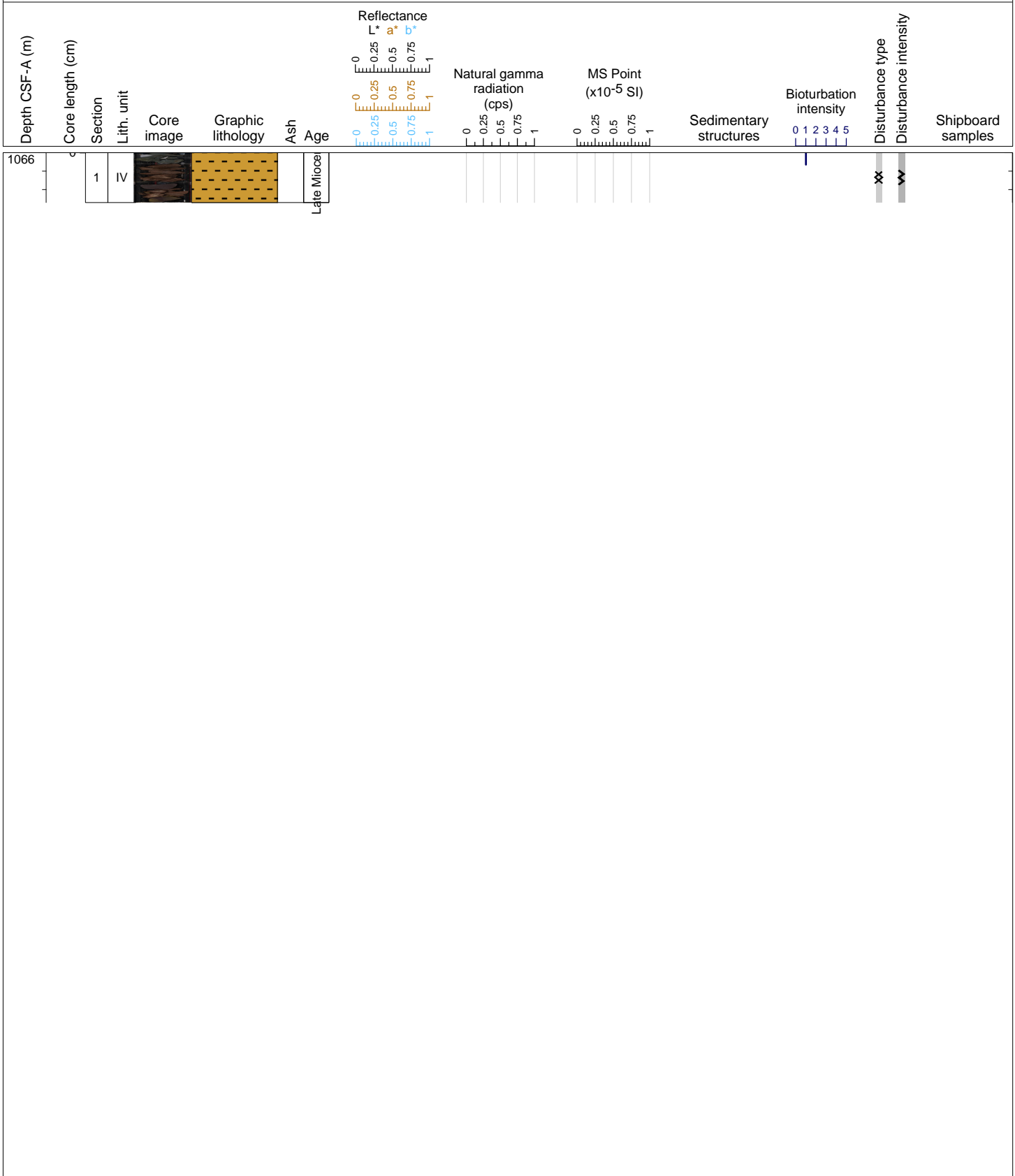


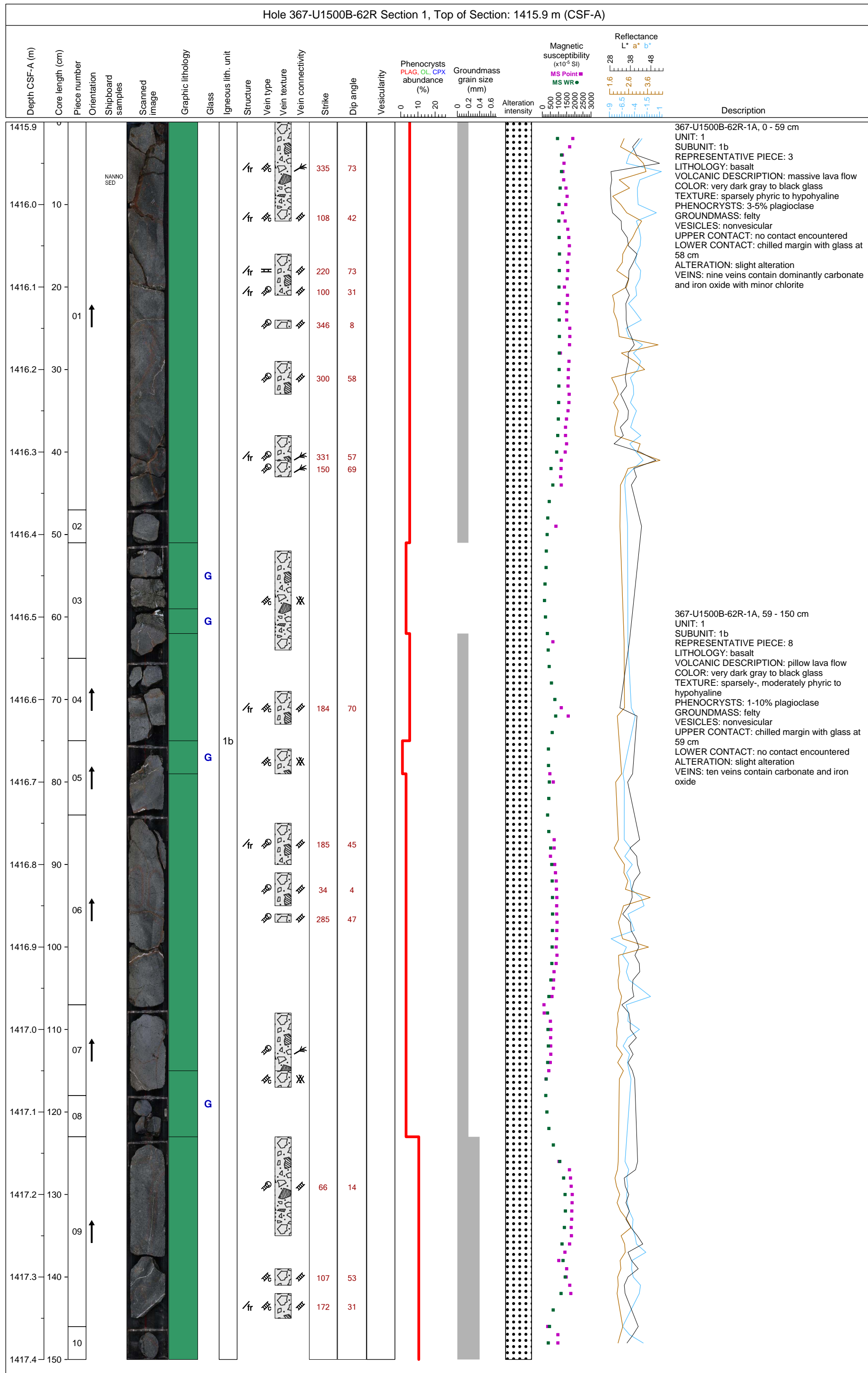


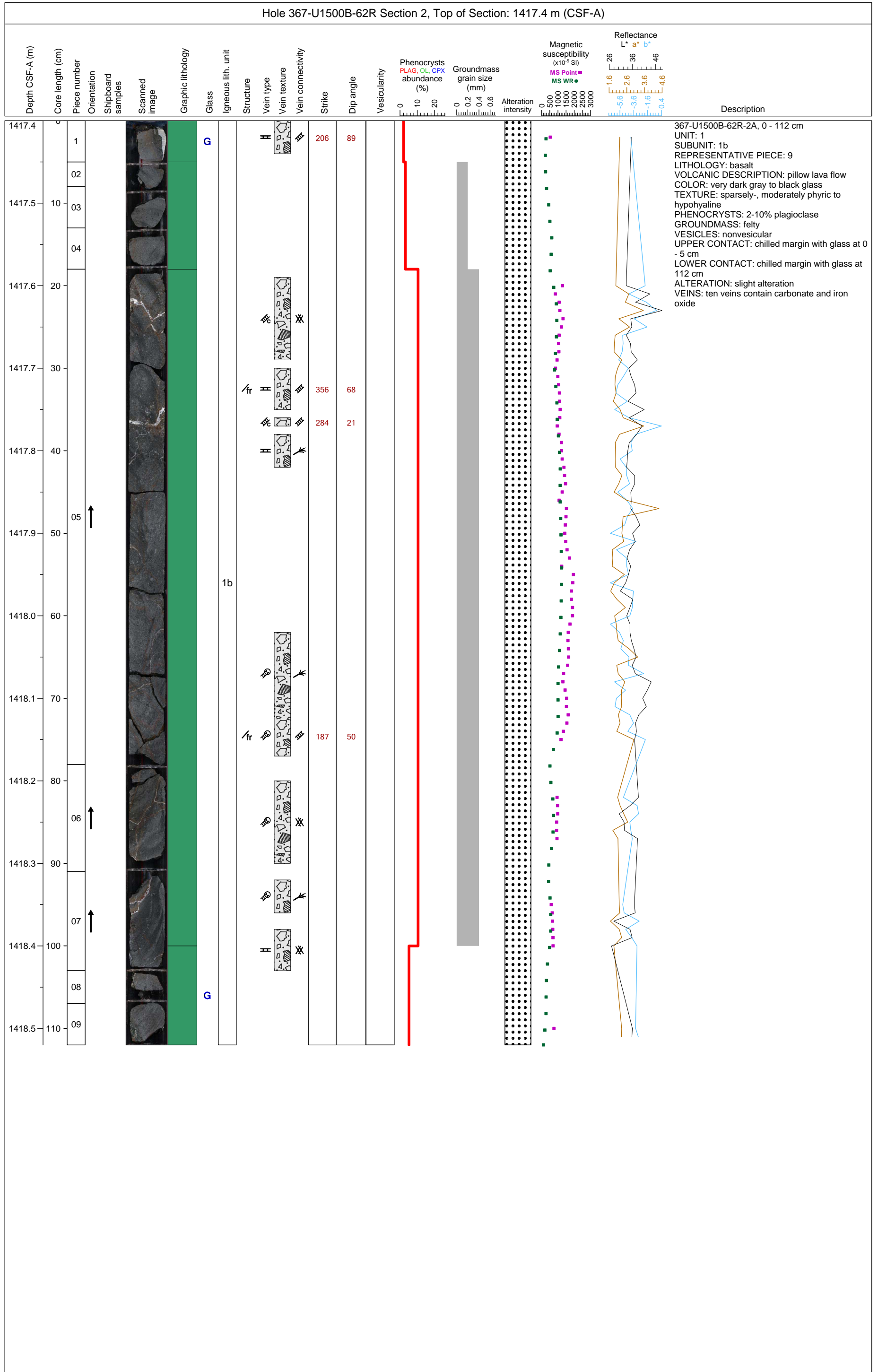


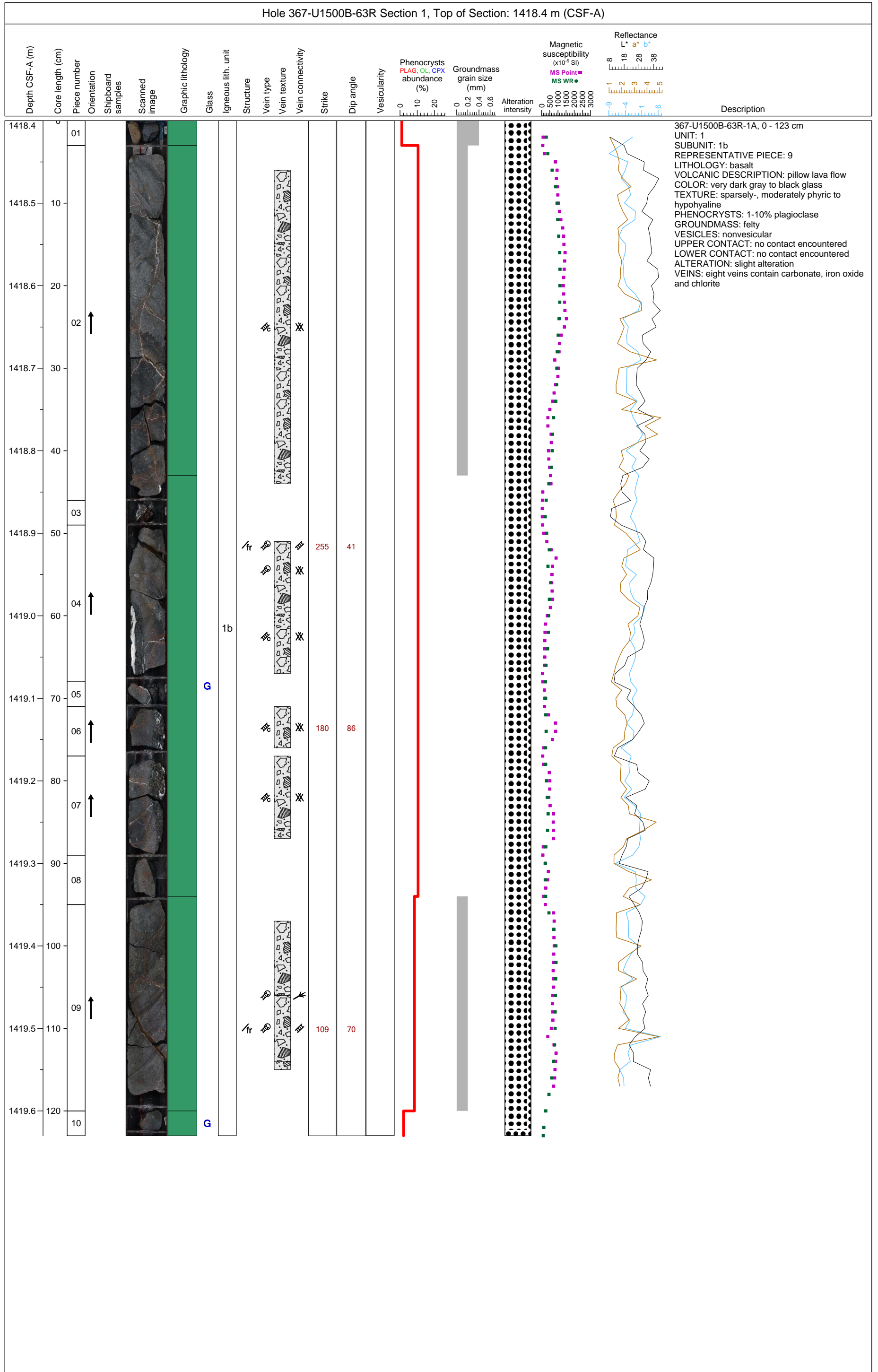
Hole 367-U1500B Core 61G, Interval 1066.0-1066.54 m (CSF-A)

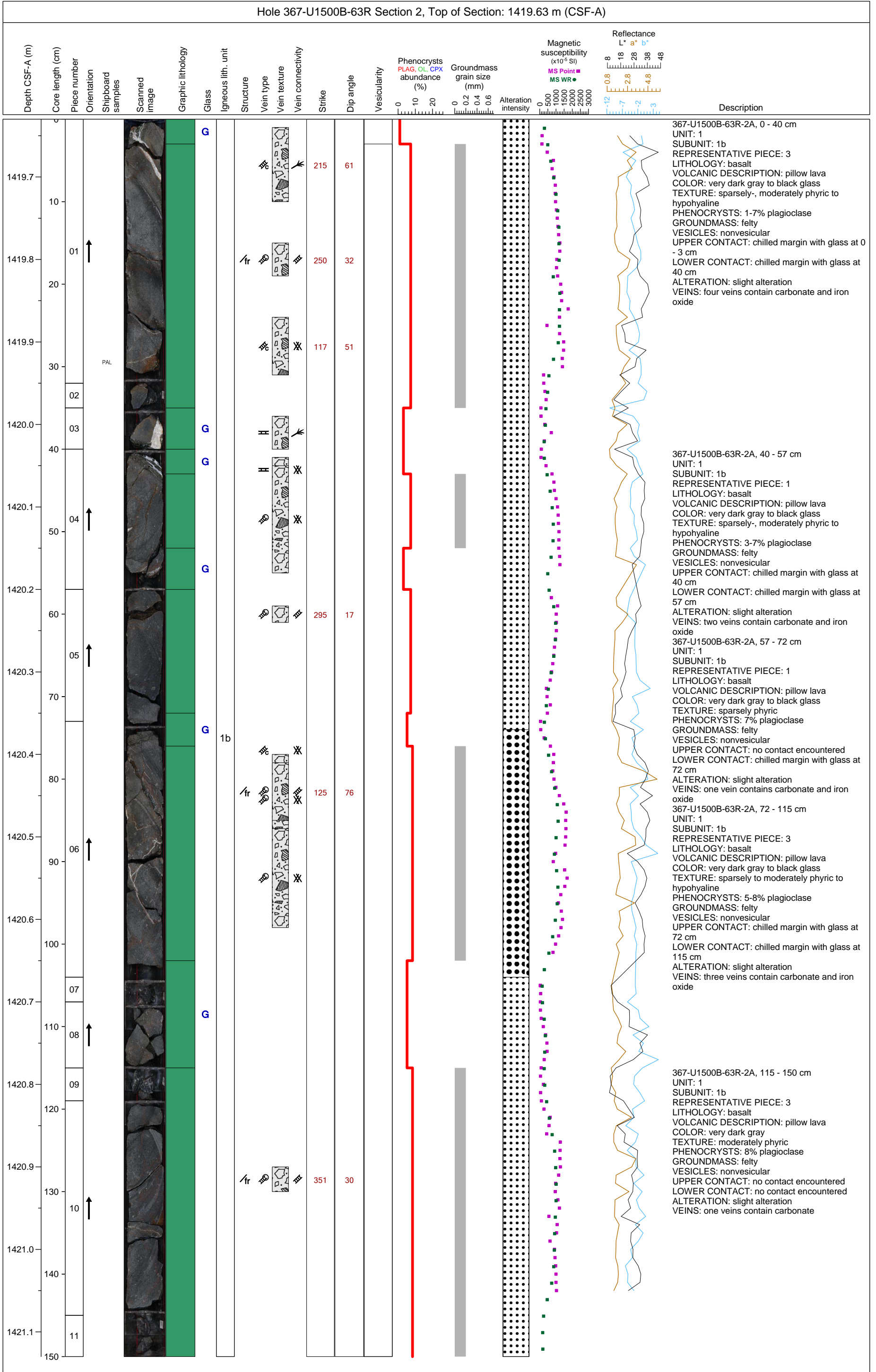
The ghost Core U1500B-61G contains dark greenish gray and dark reddish gray claystone. The core is highly brecciated due to drilling.

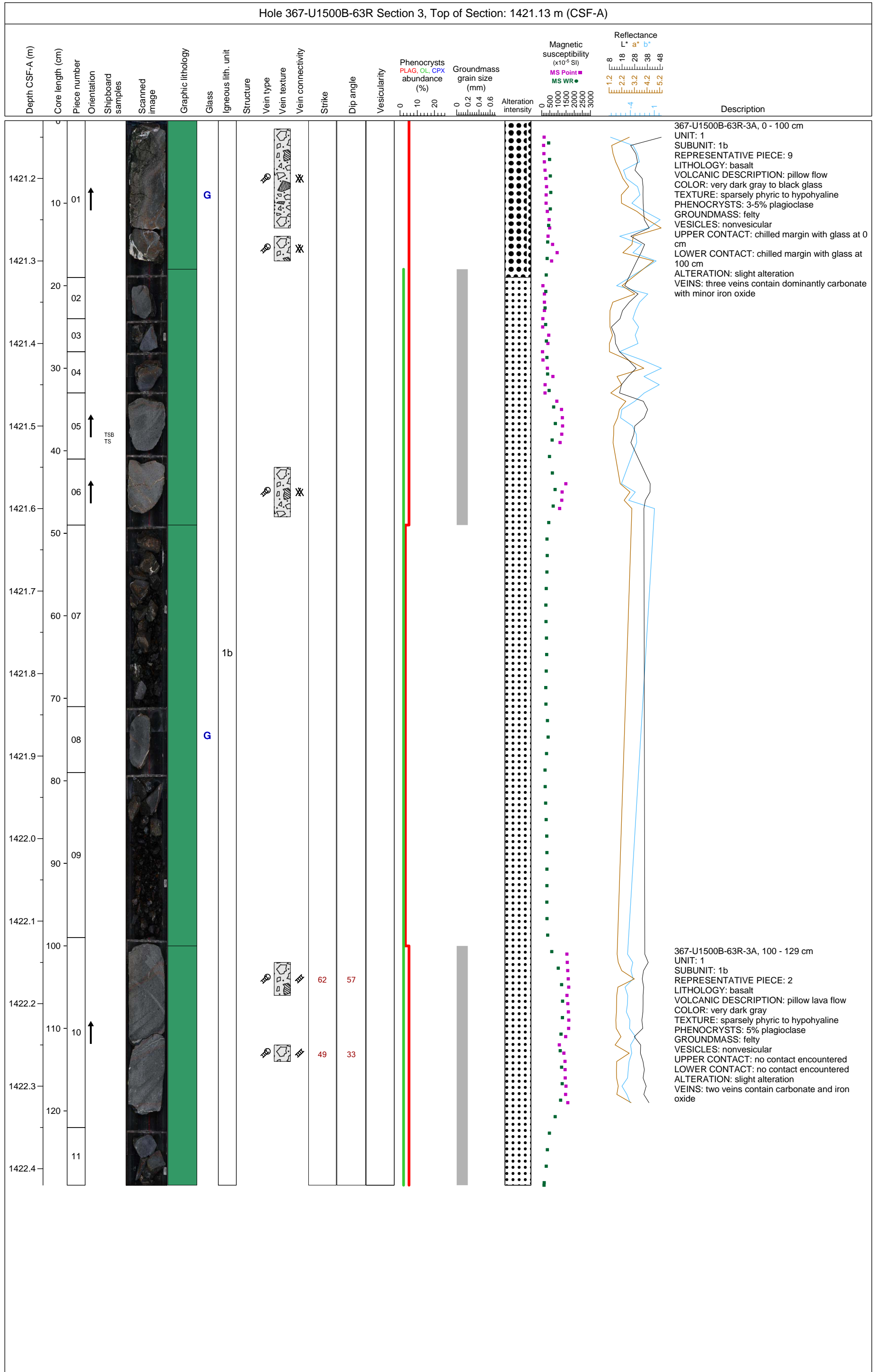


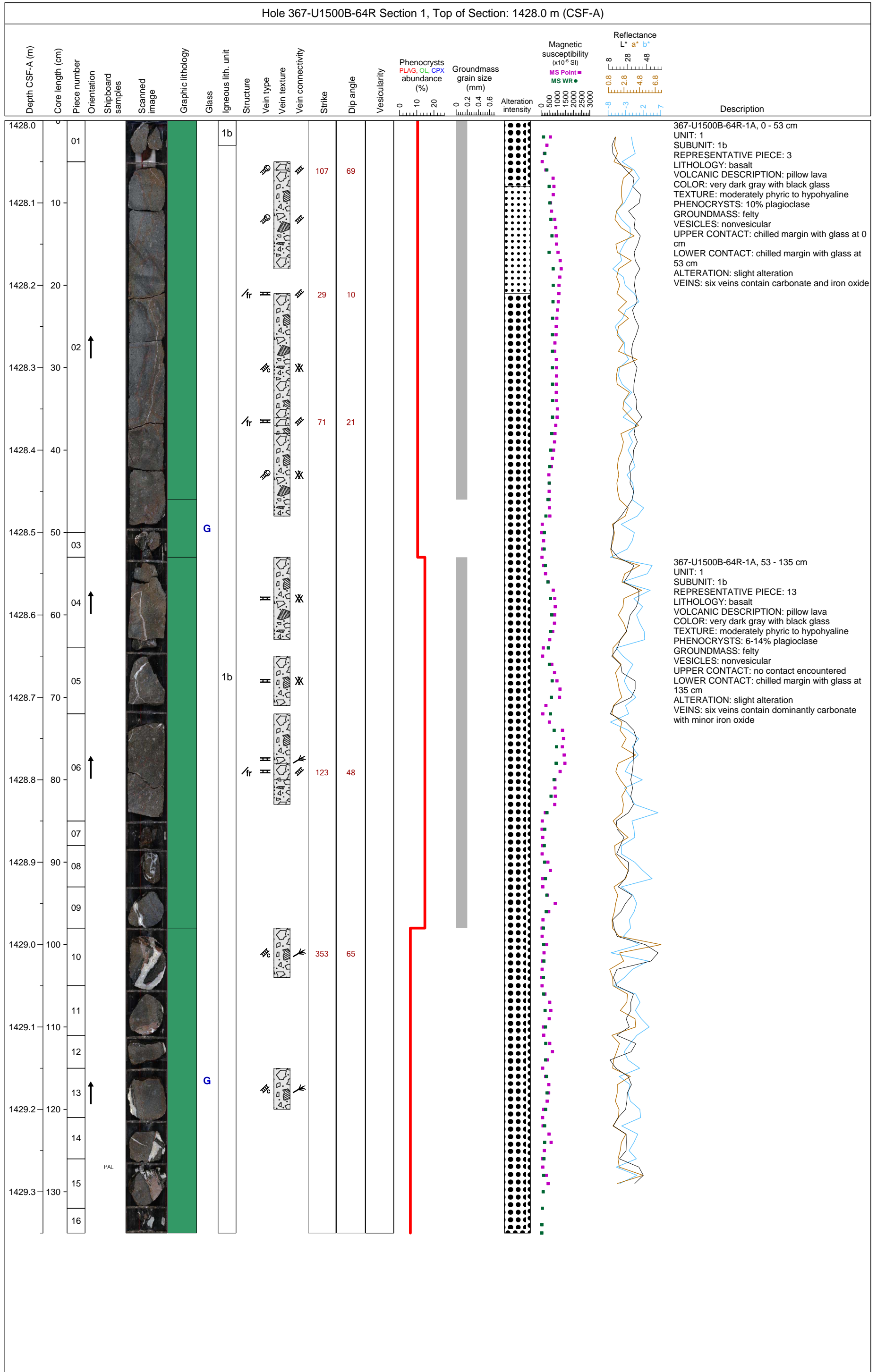


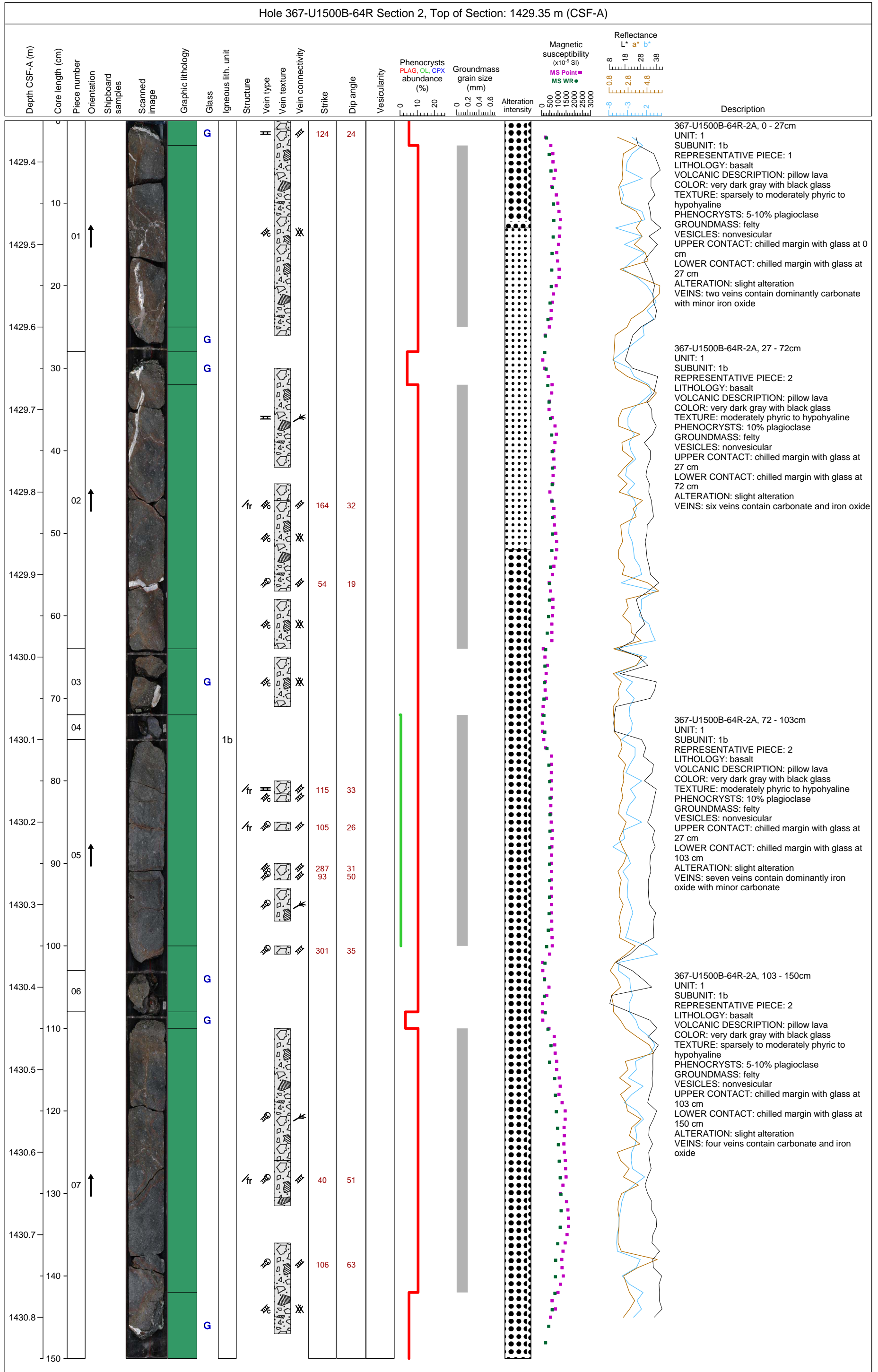


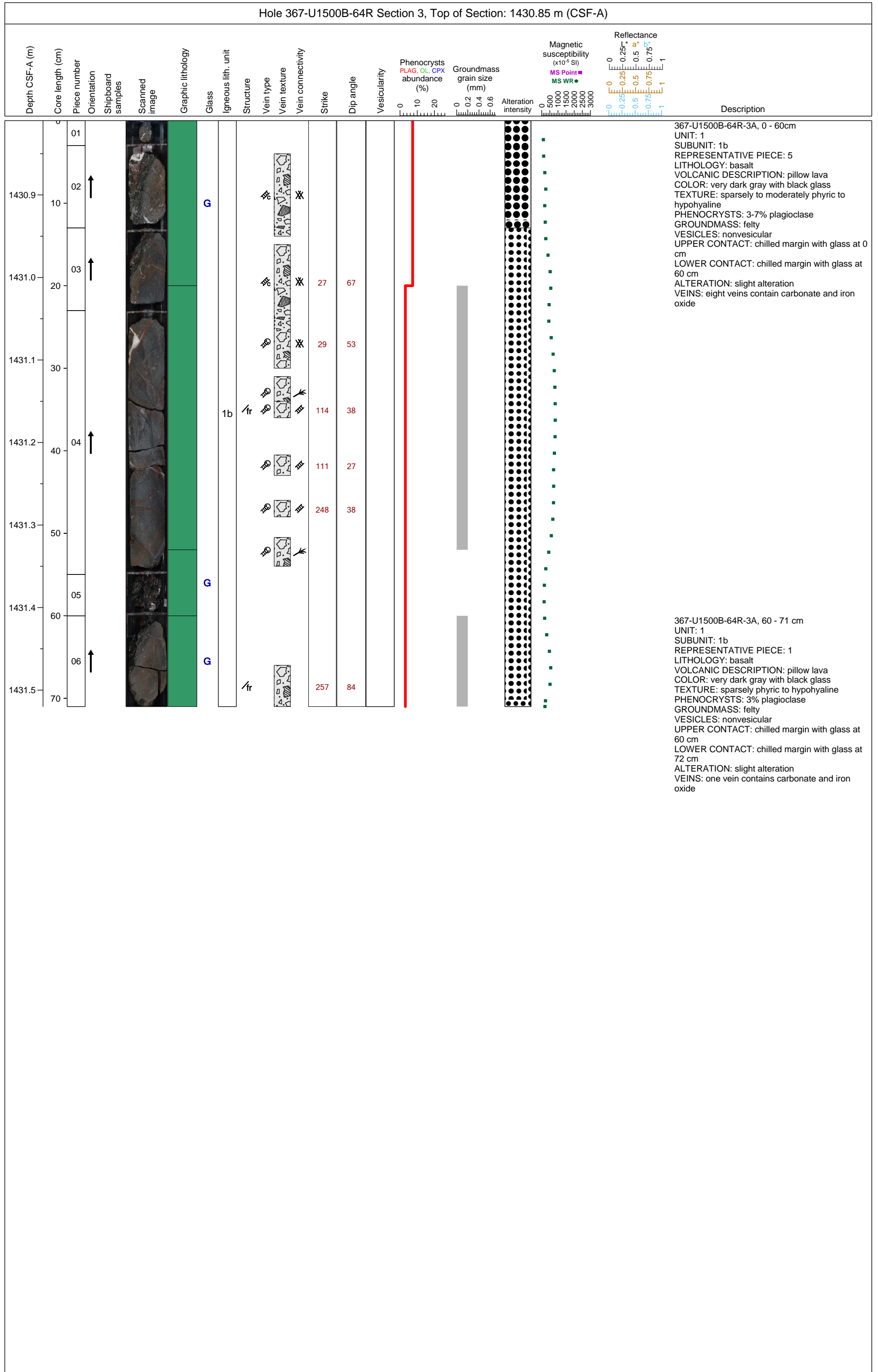


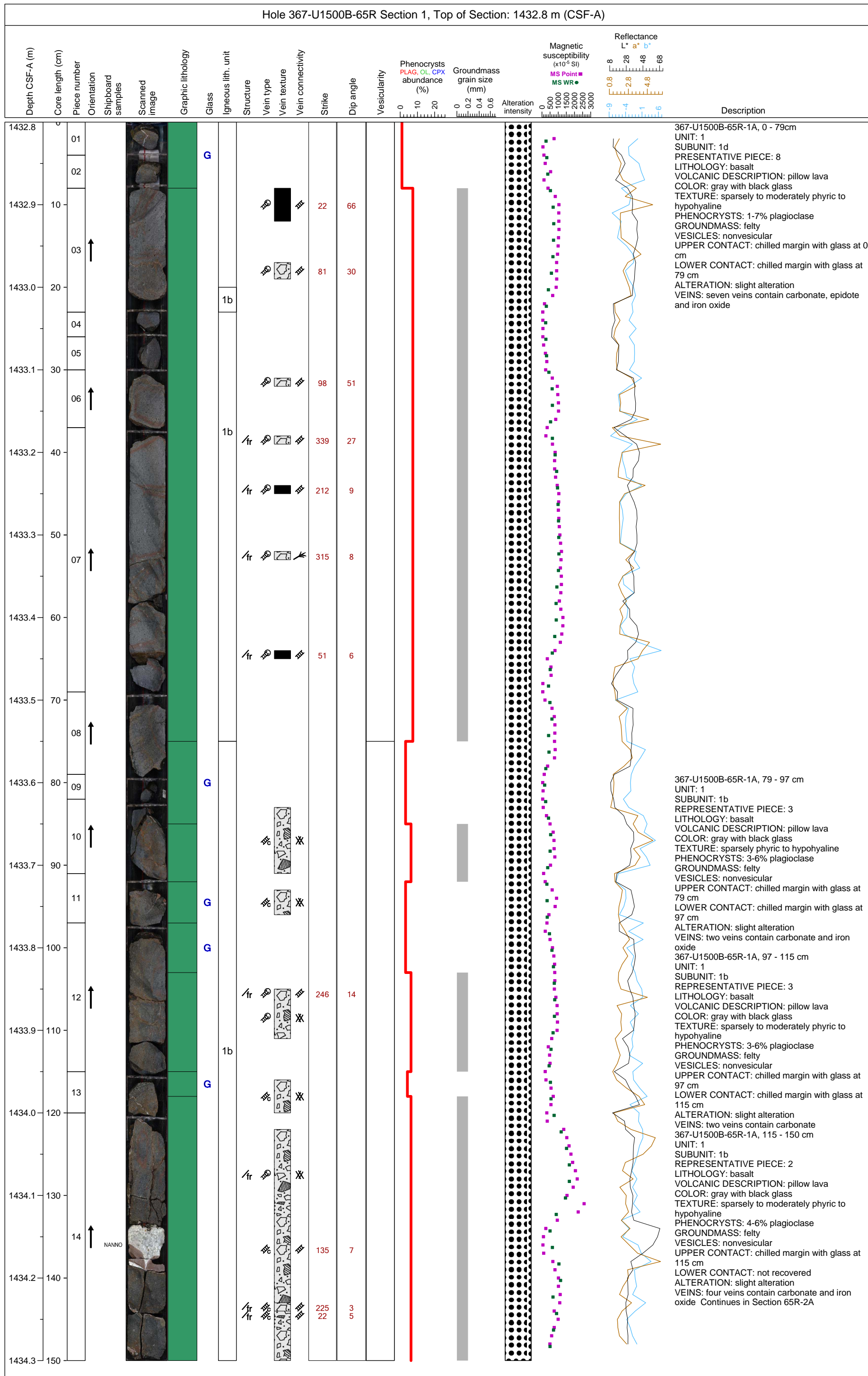


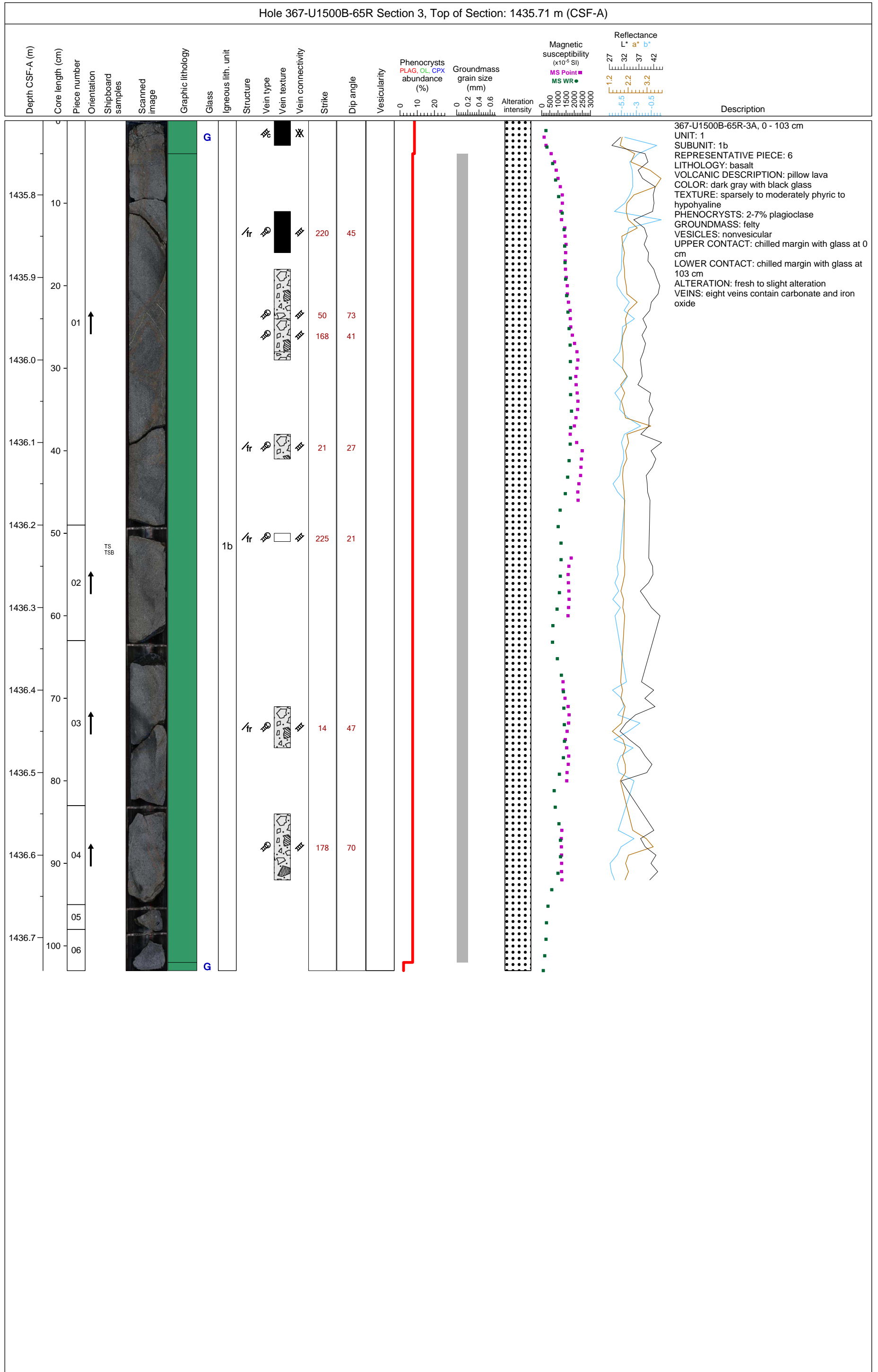


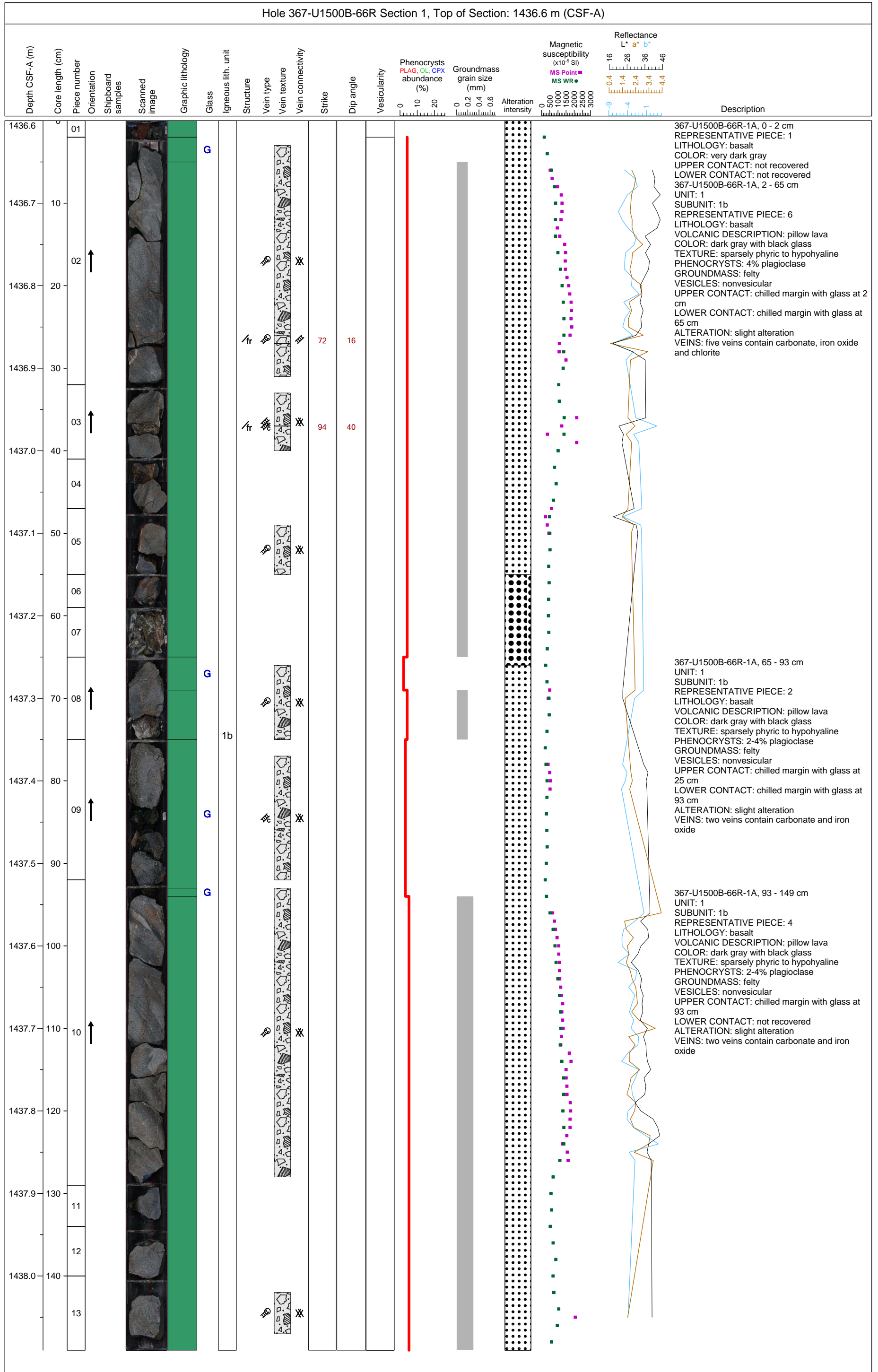


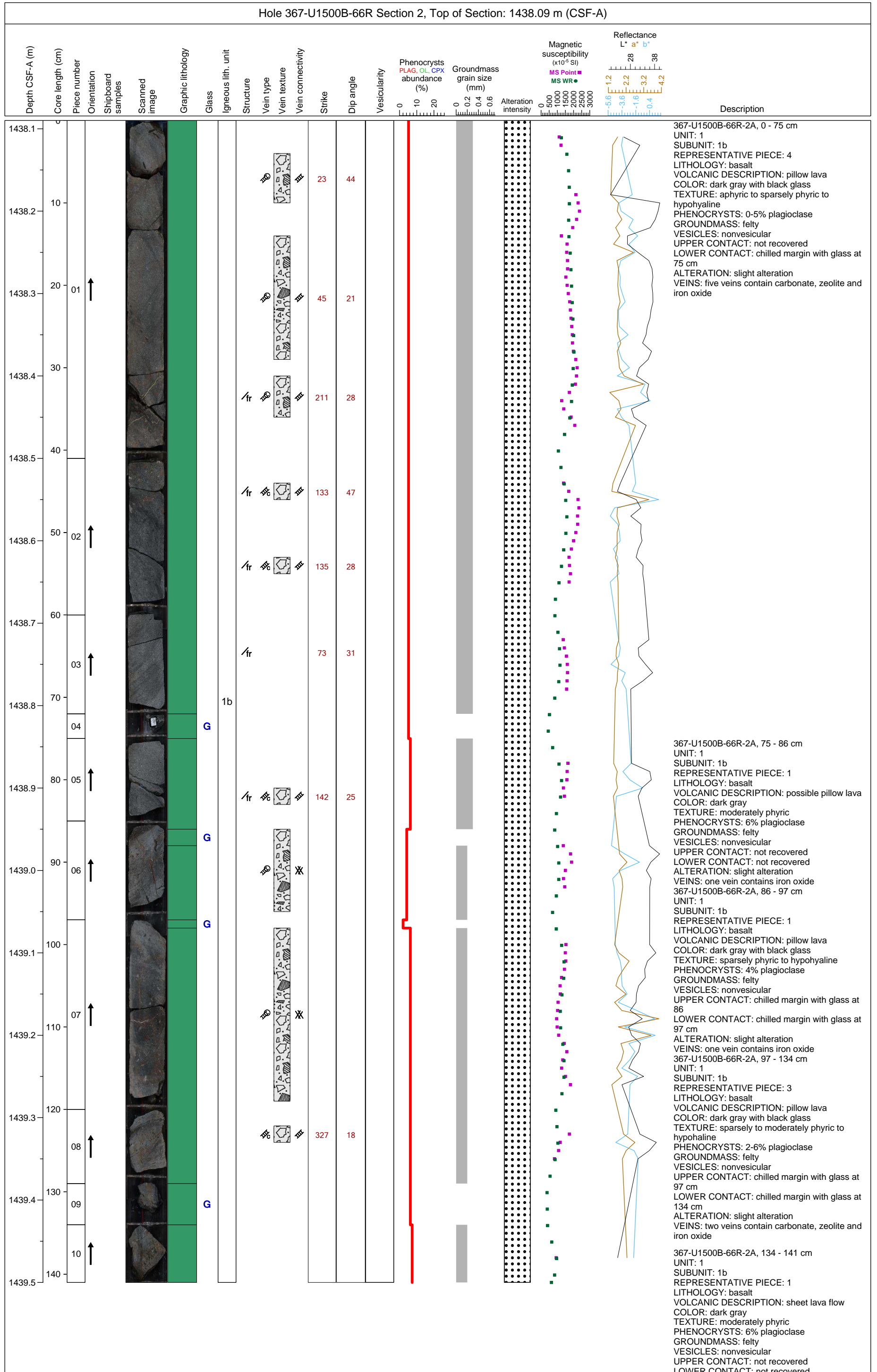




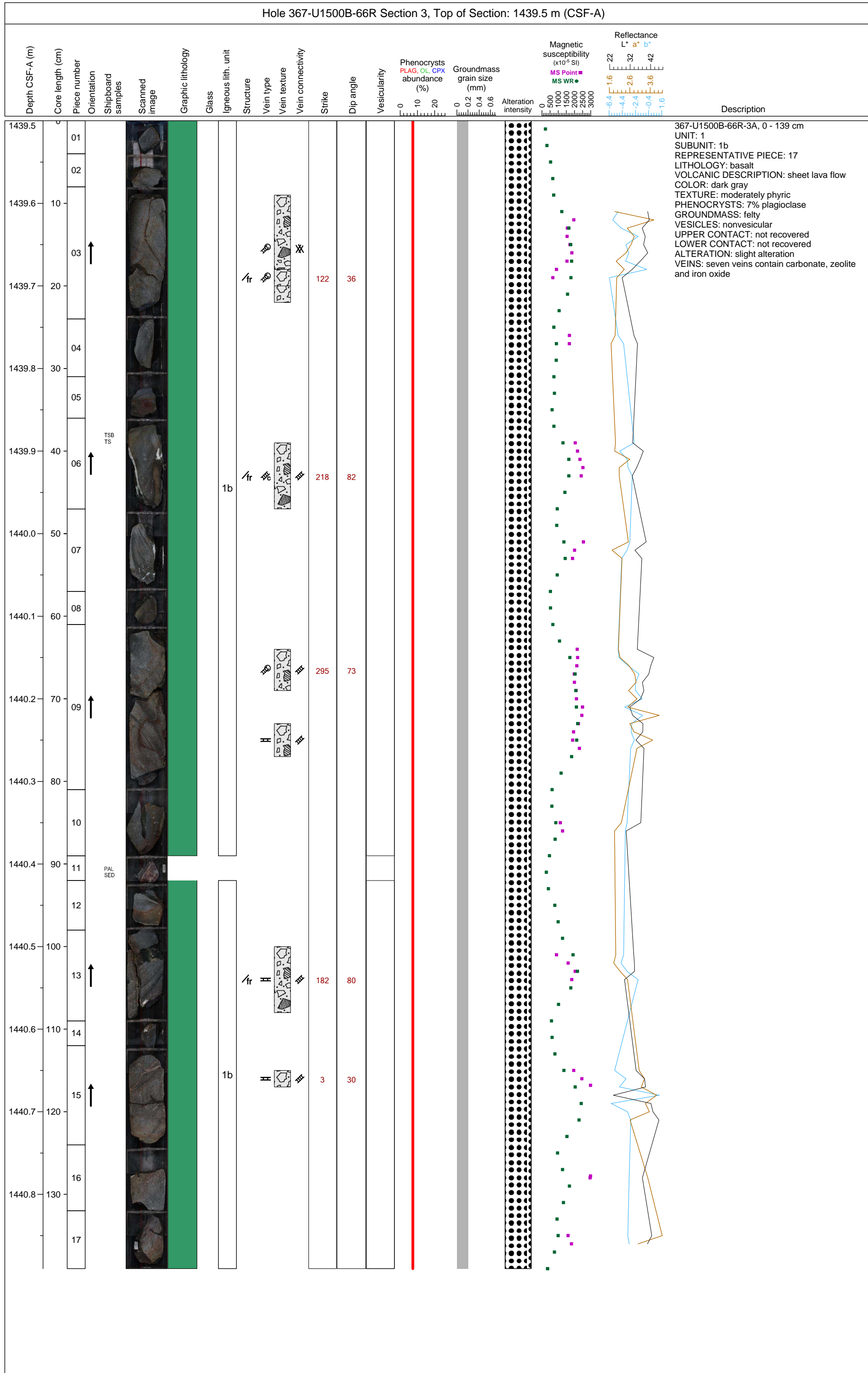


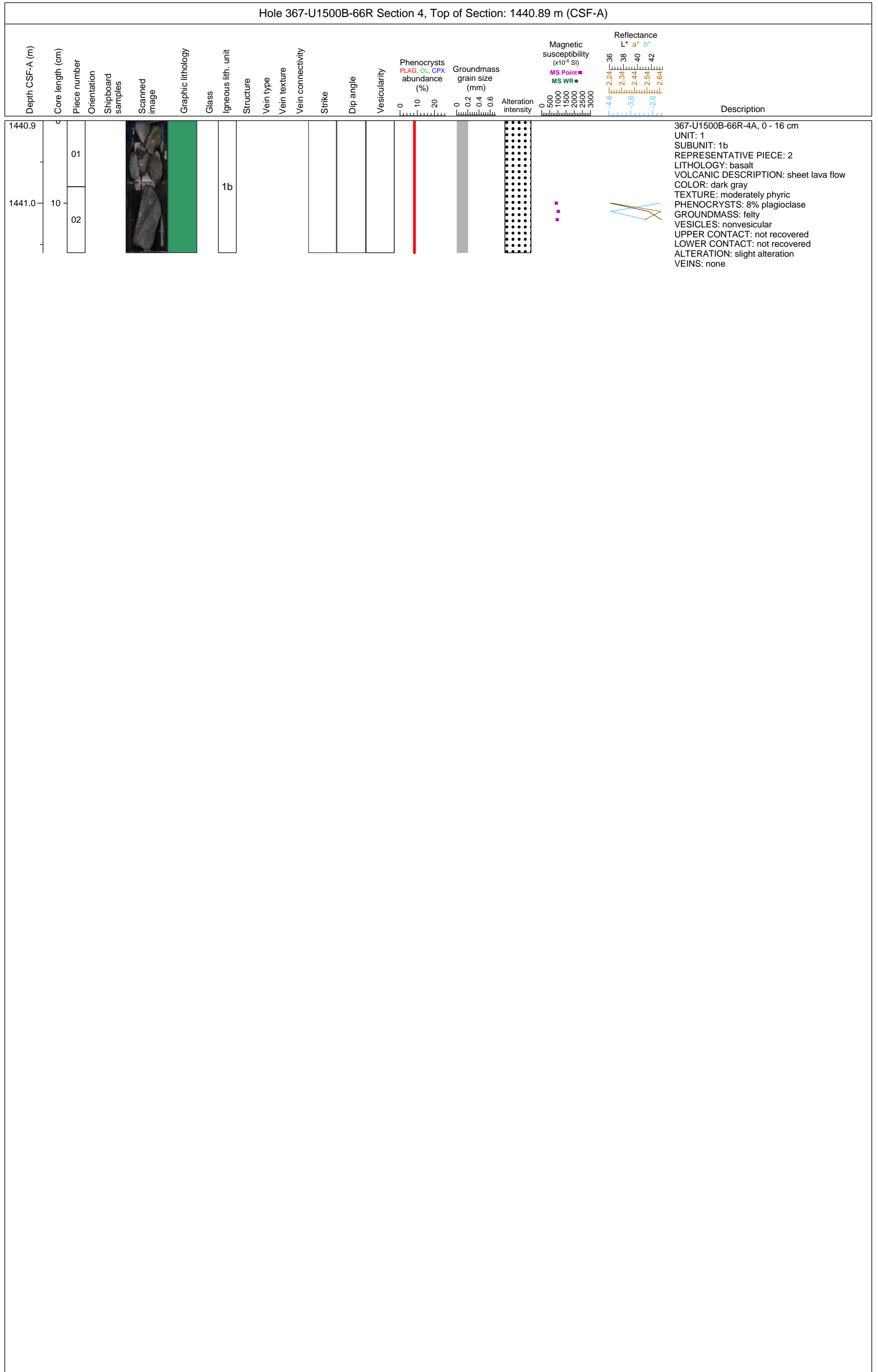


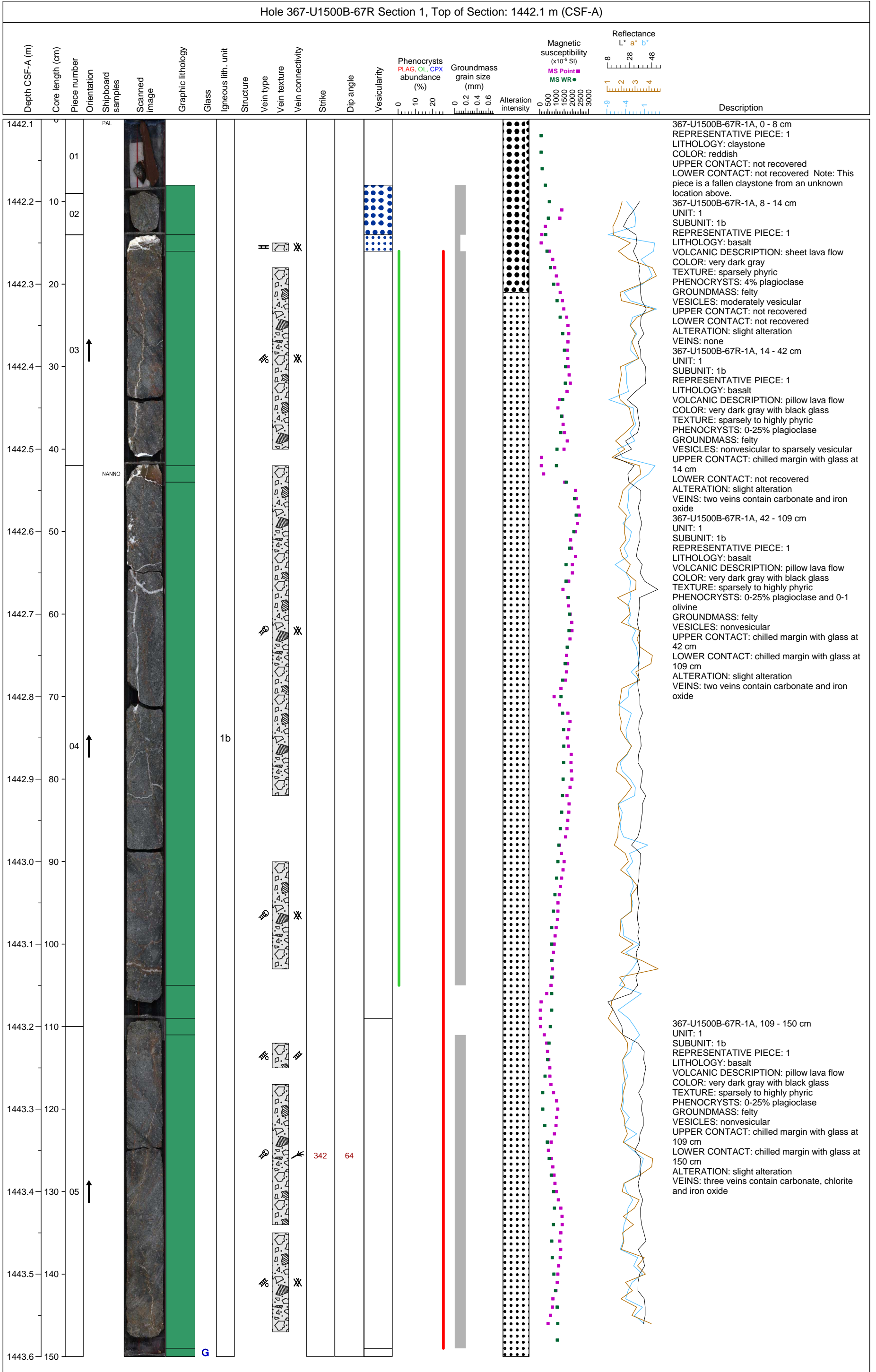


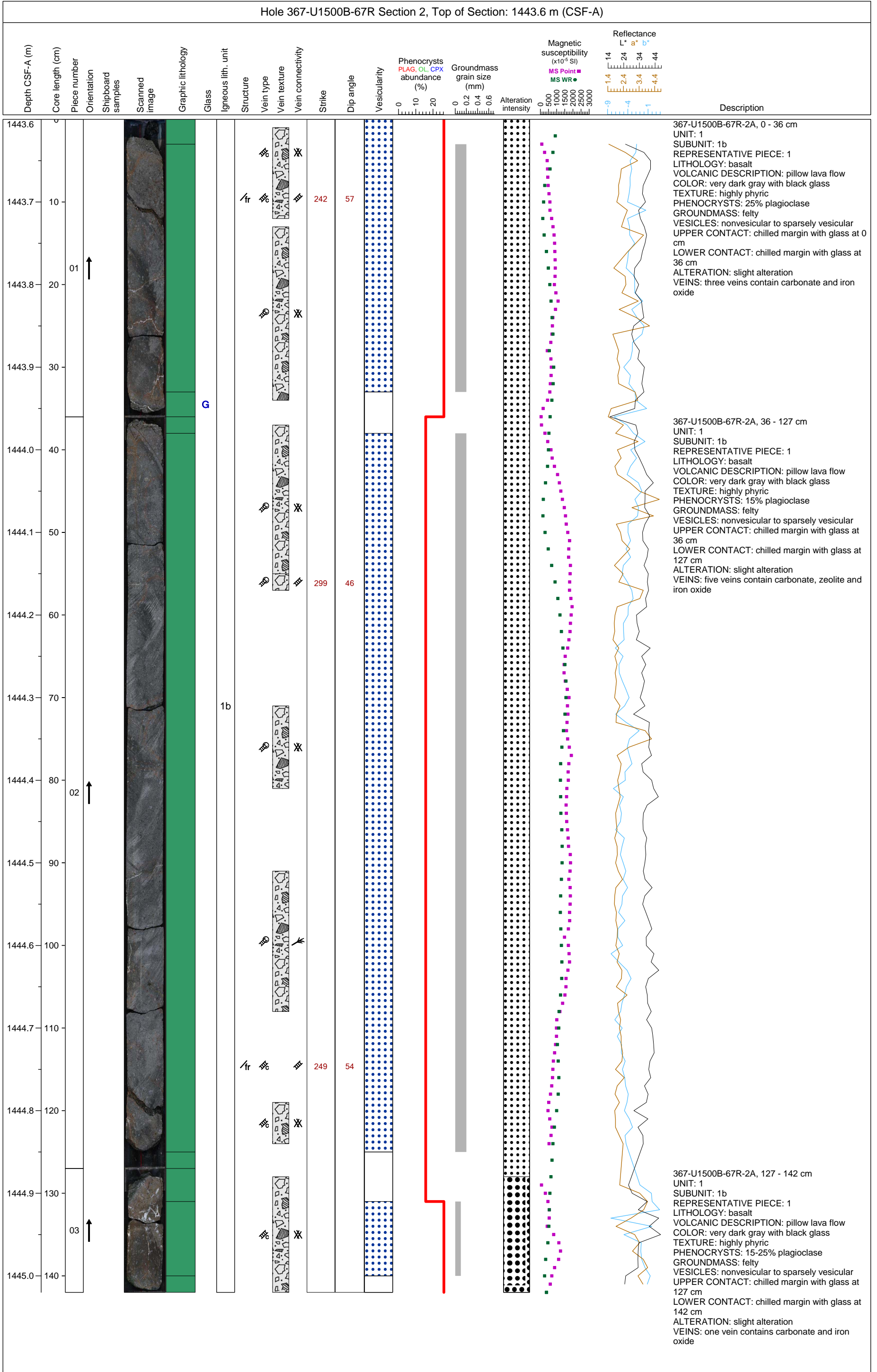


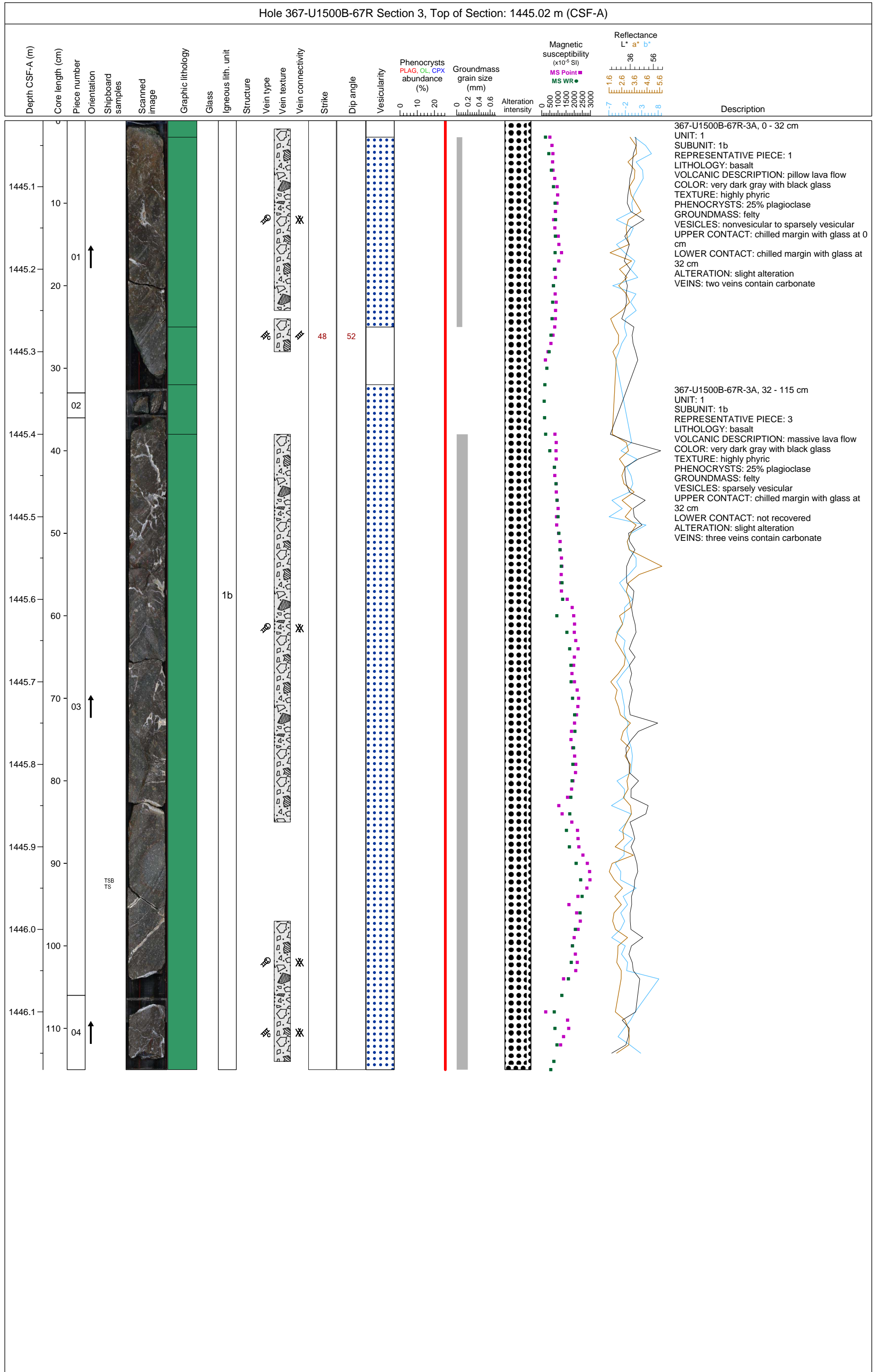
Hole 367-U1500B-66R Section 3, Top of Section: 1439.5 m (CSF-A)

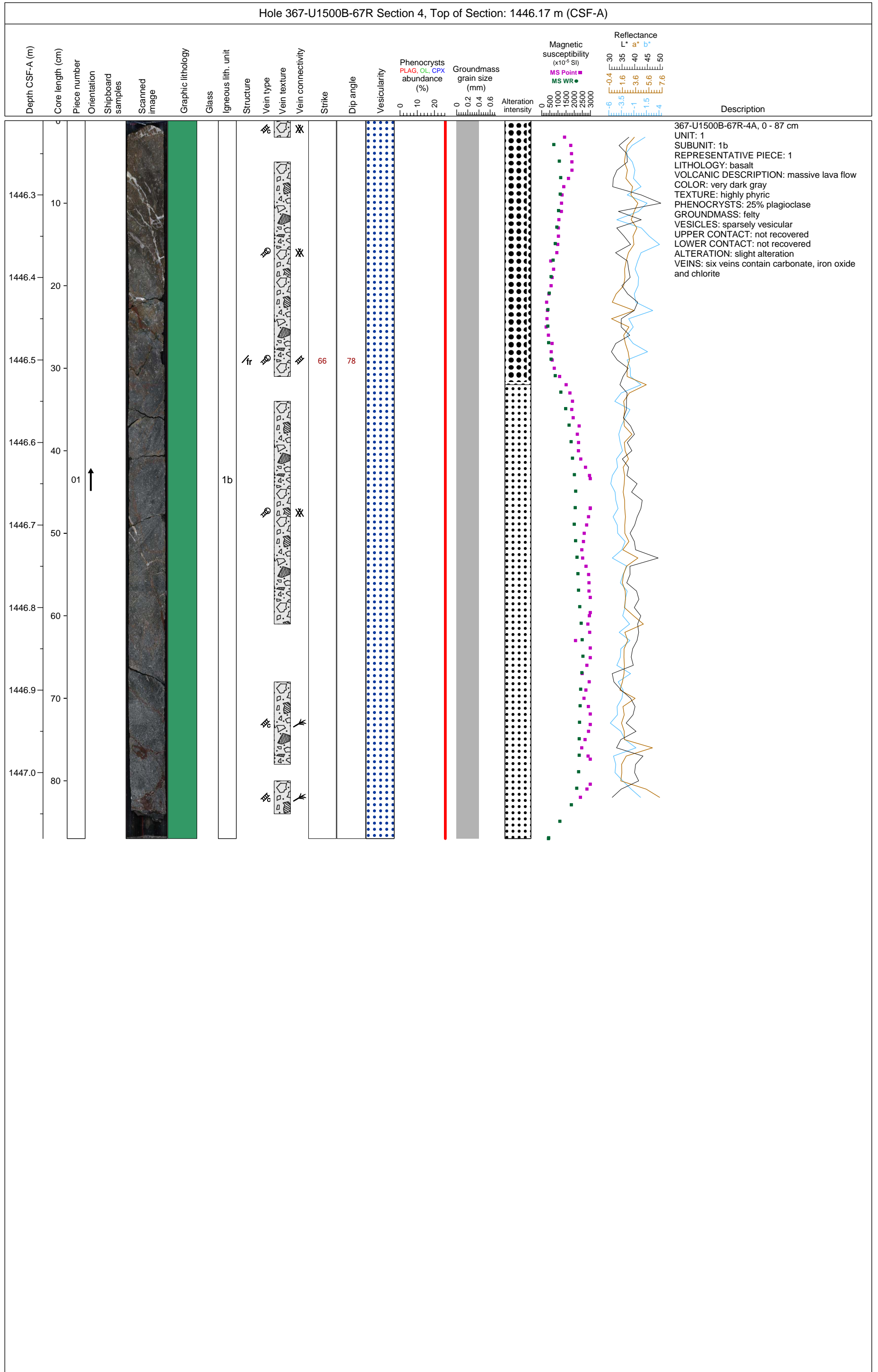


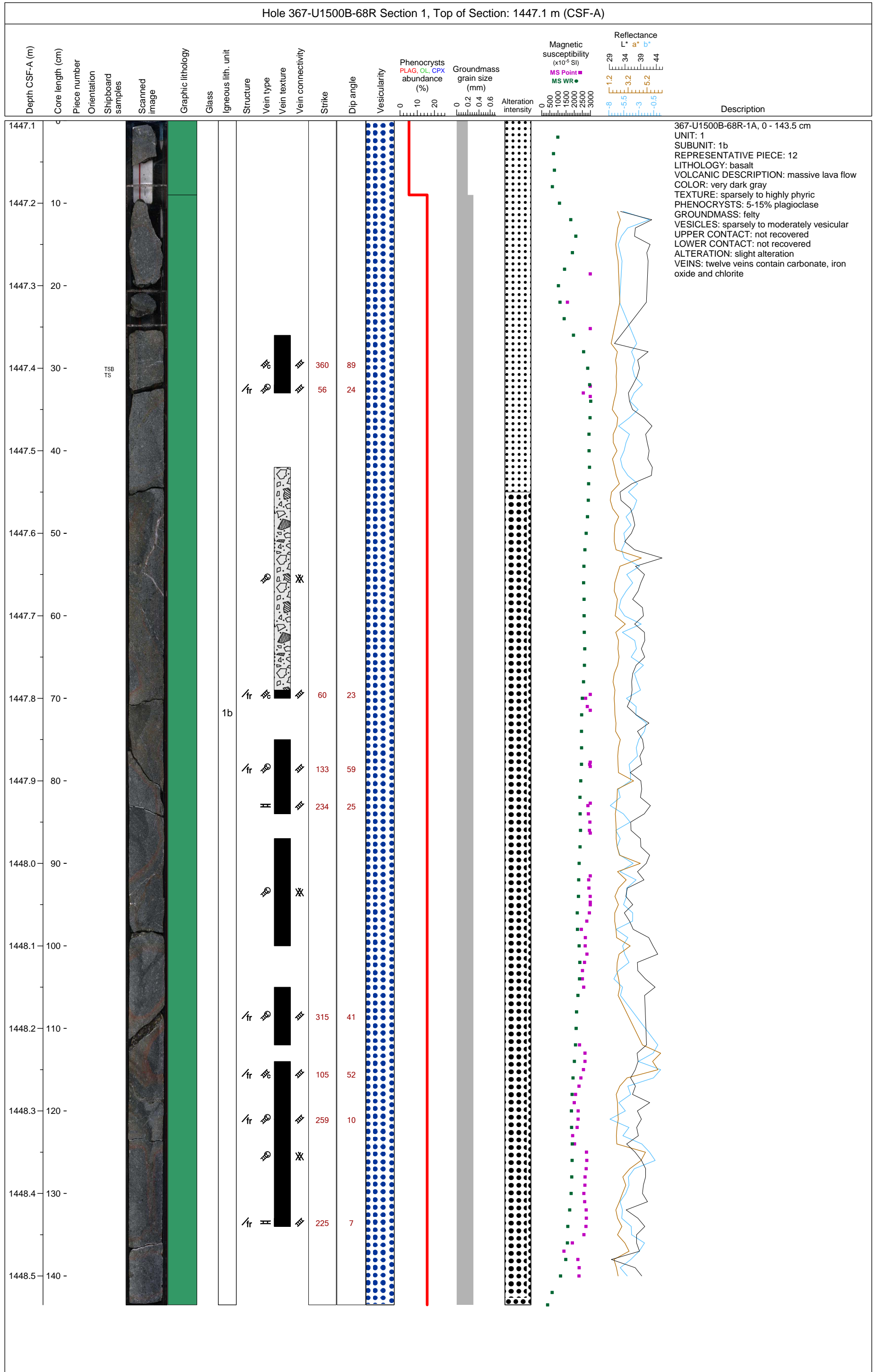


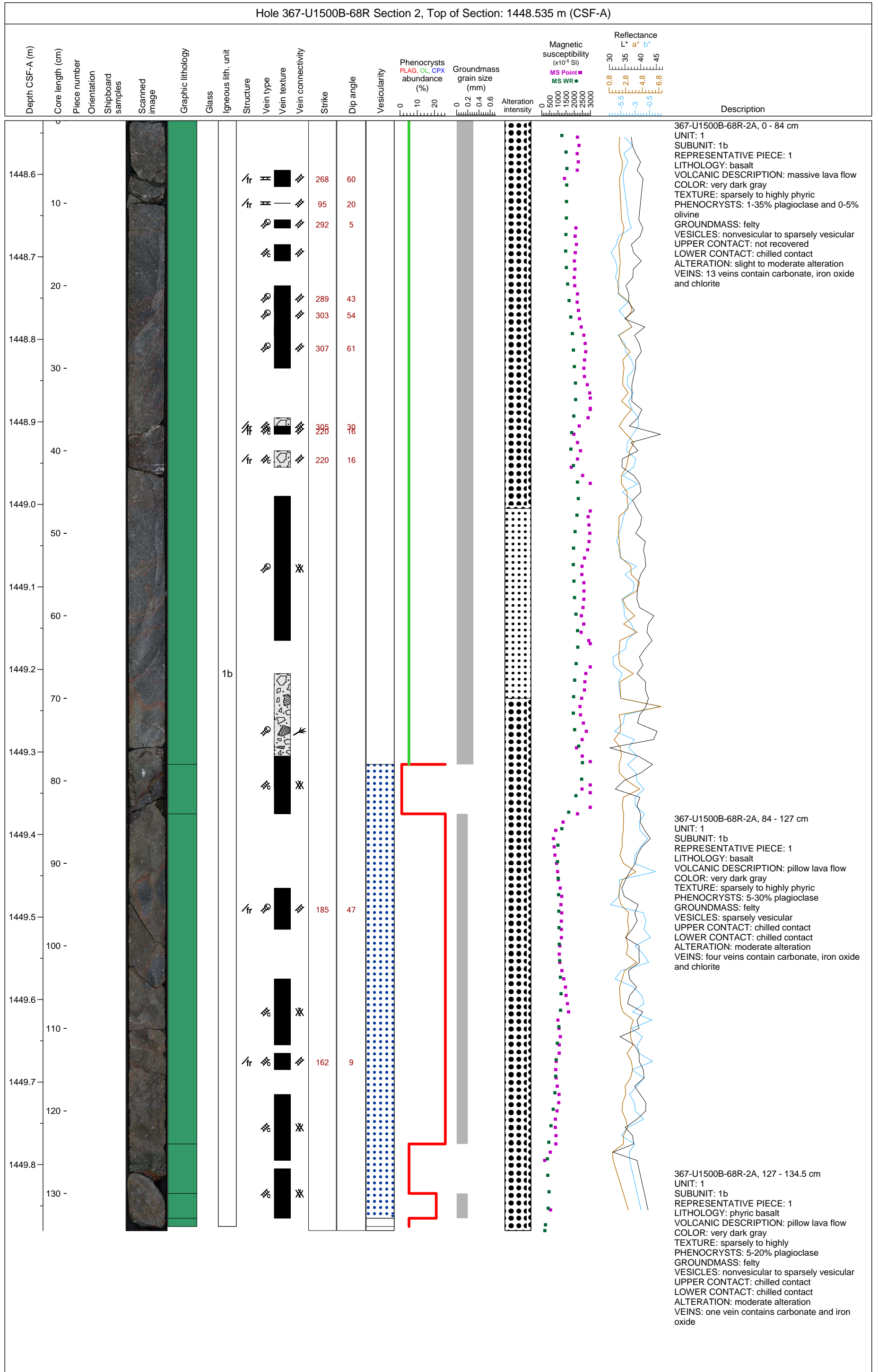


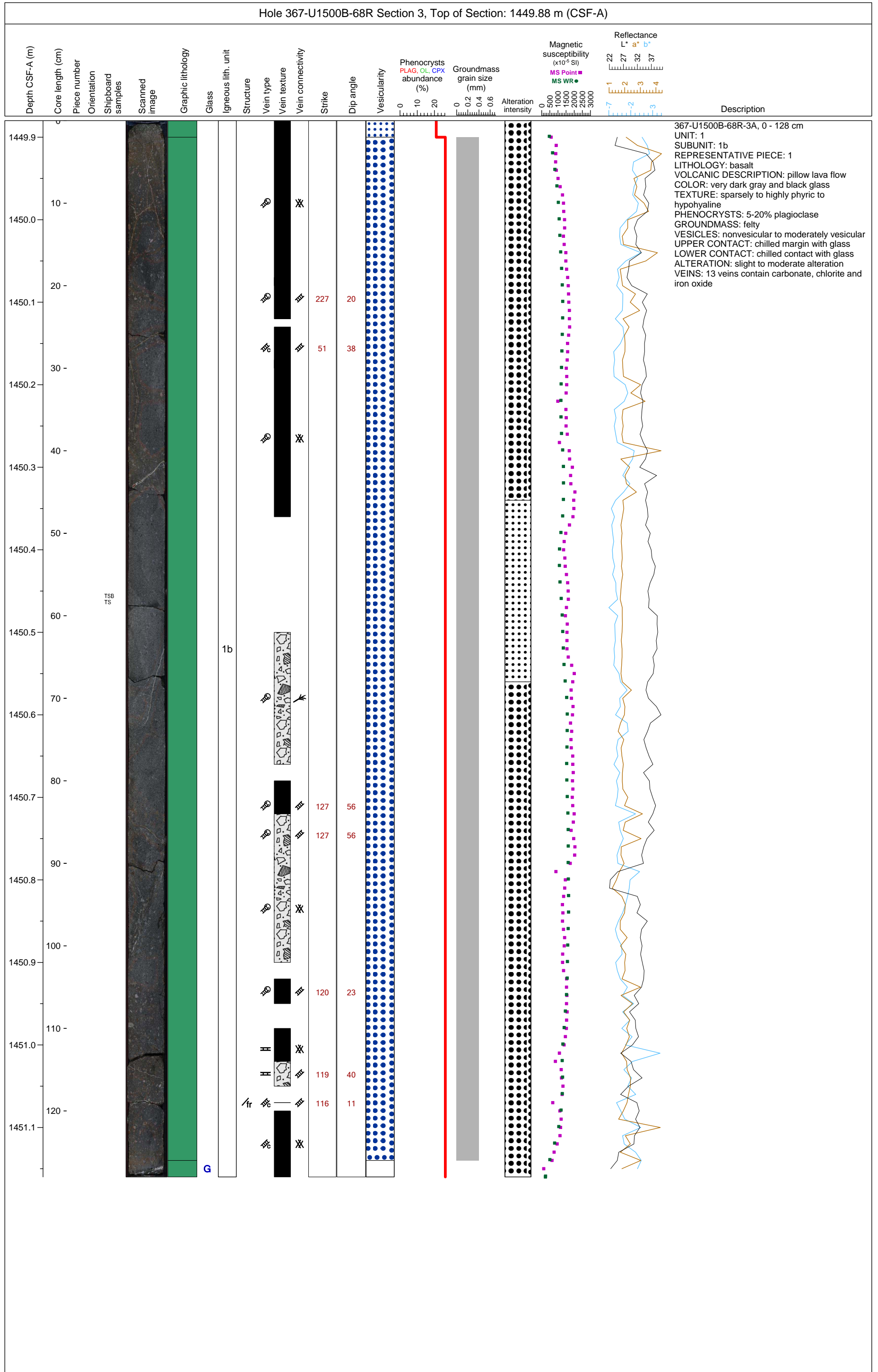


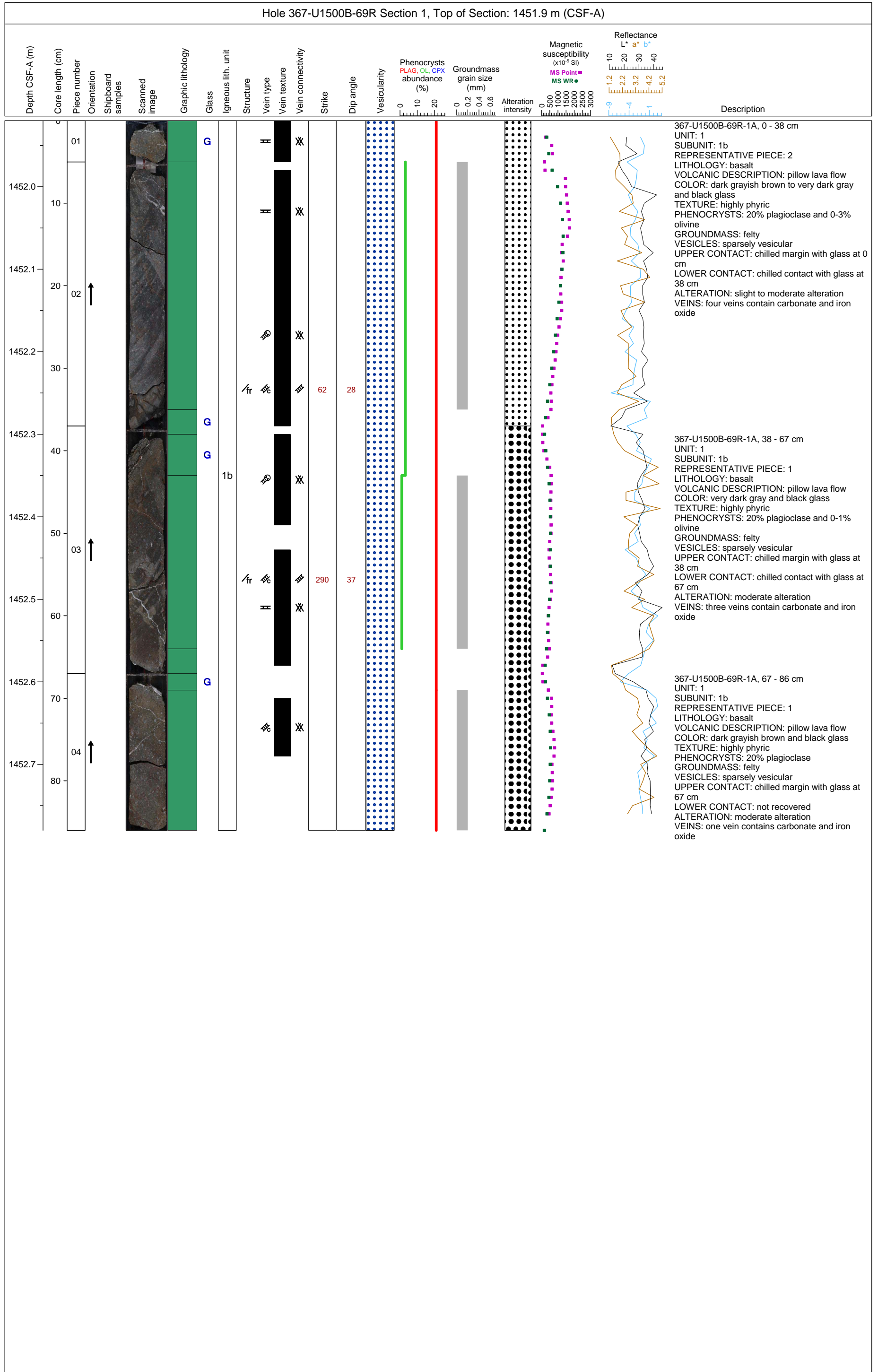


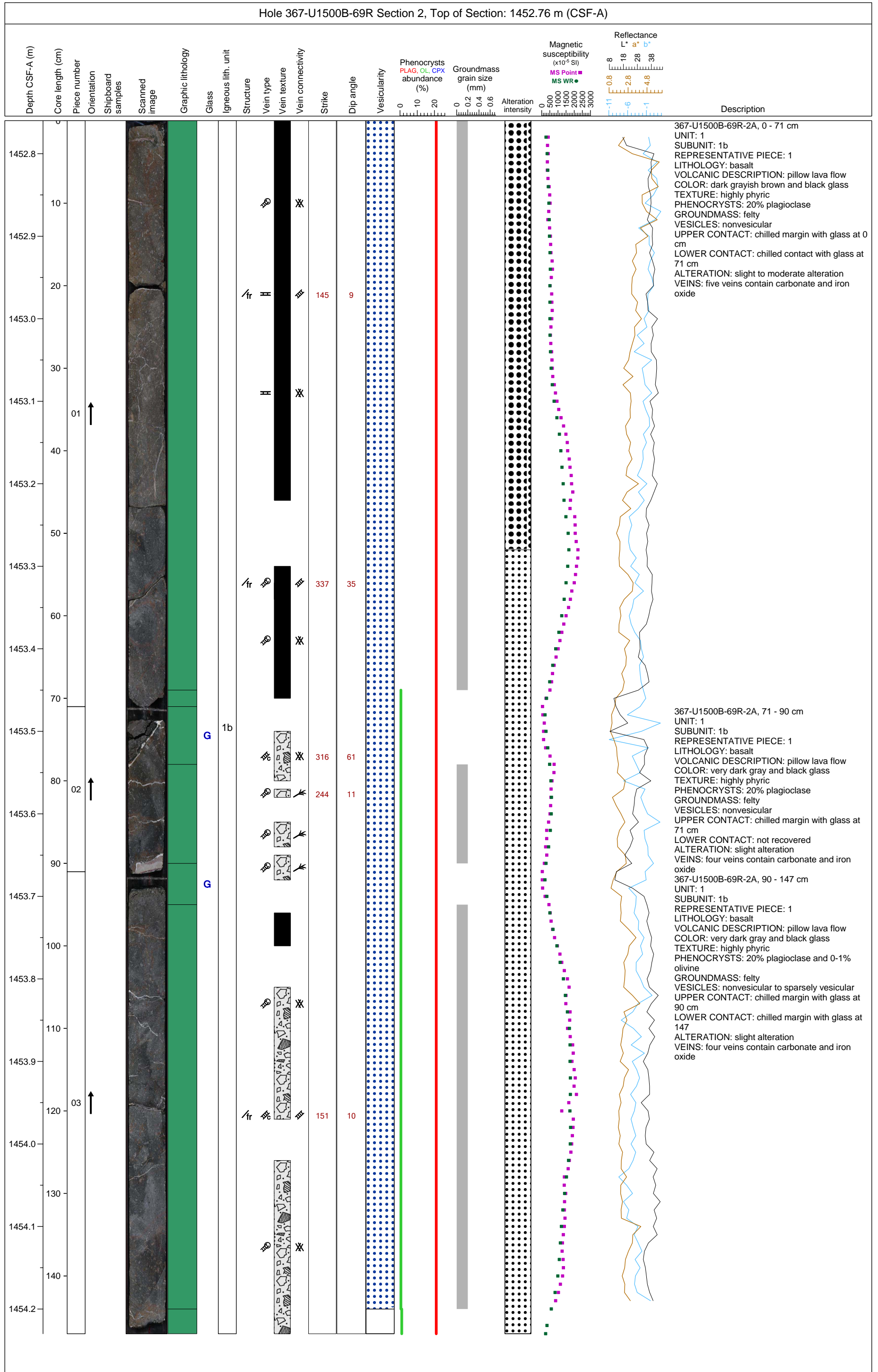


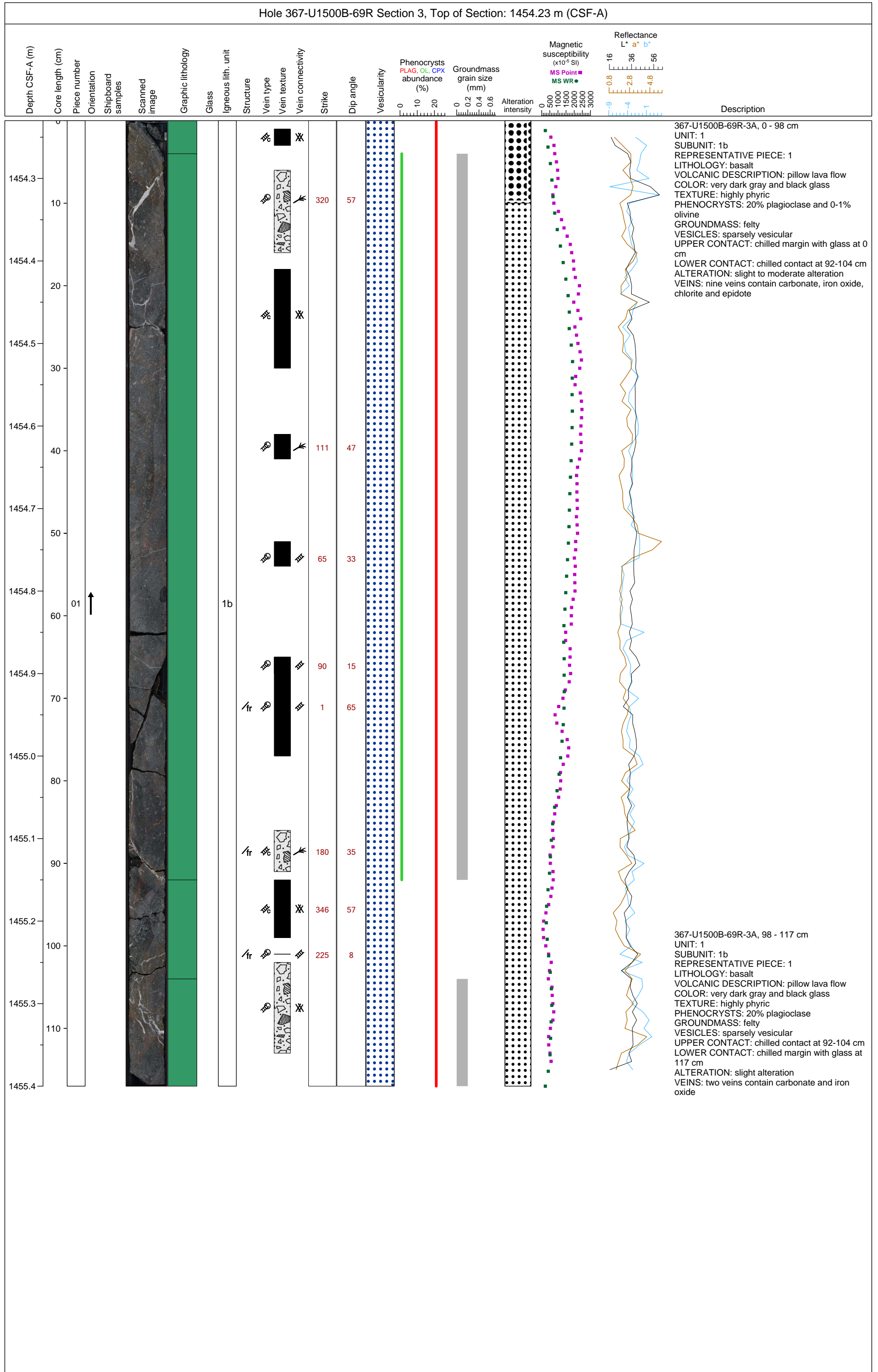


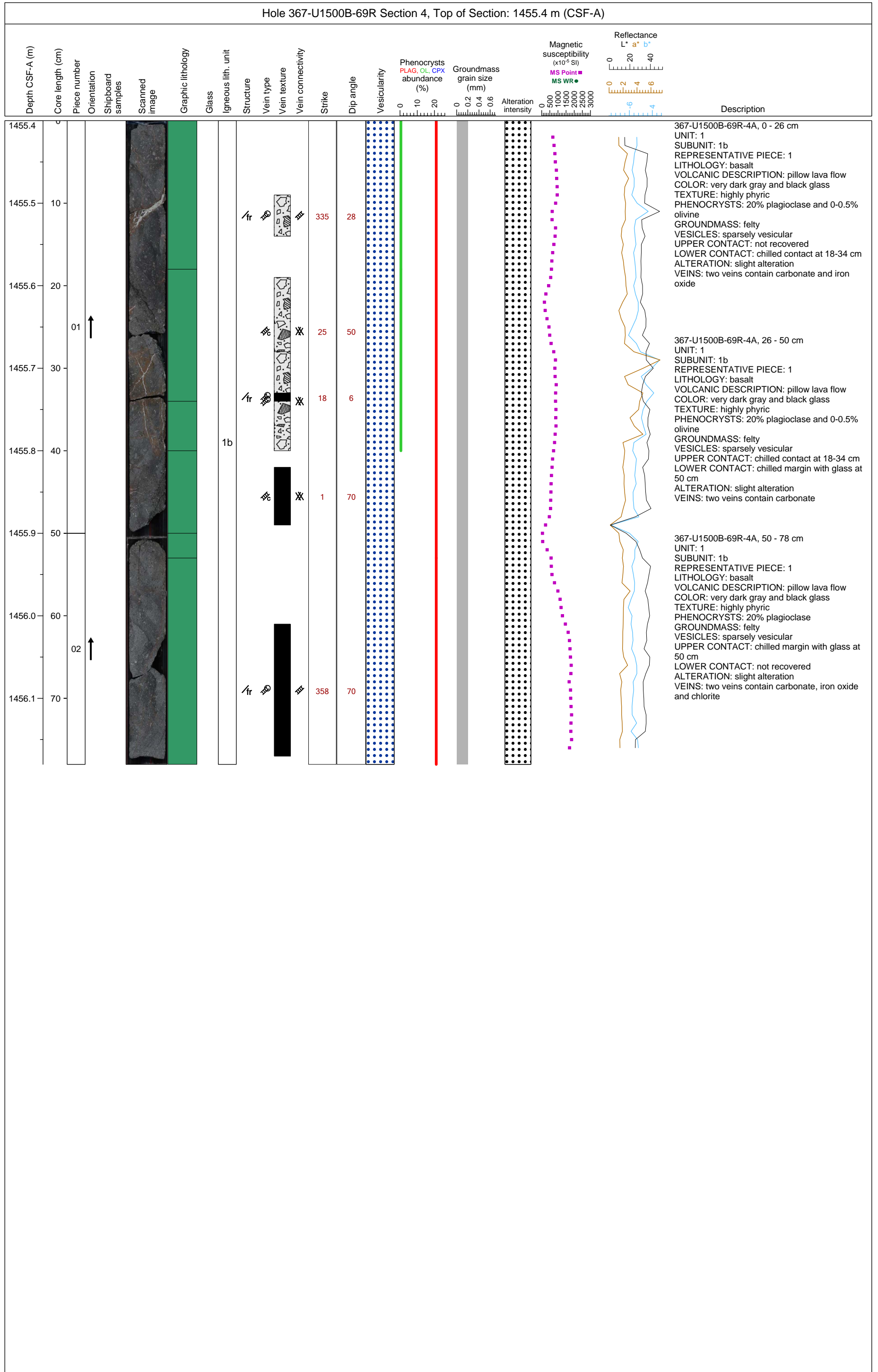


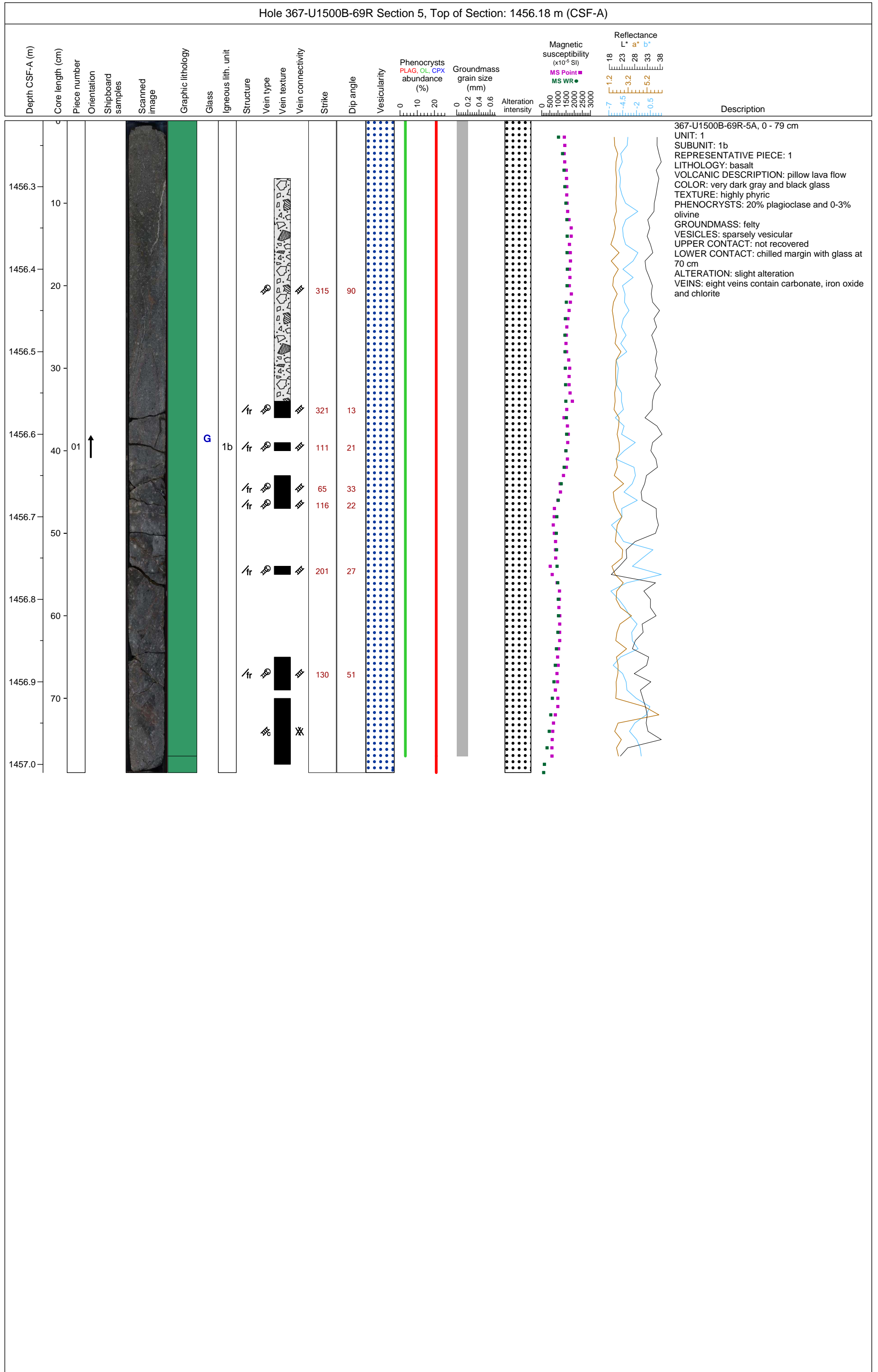


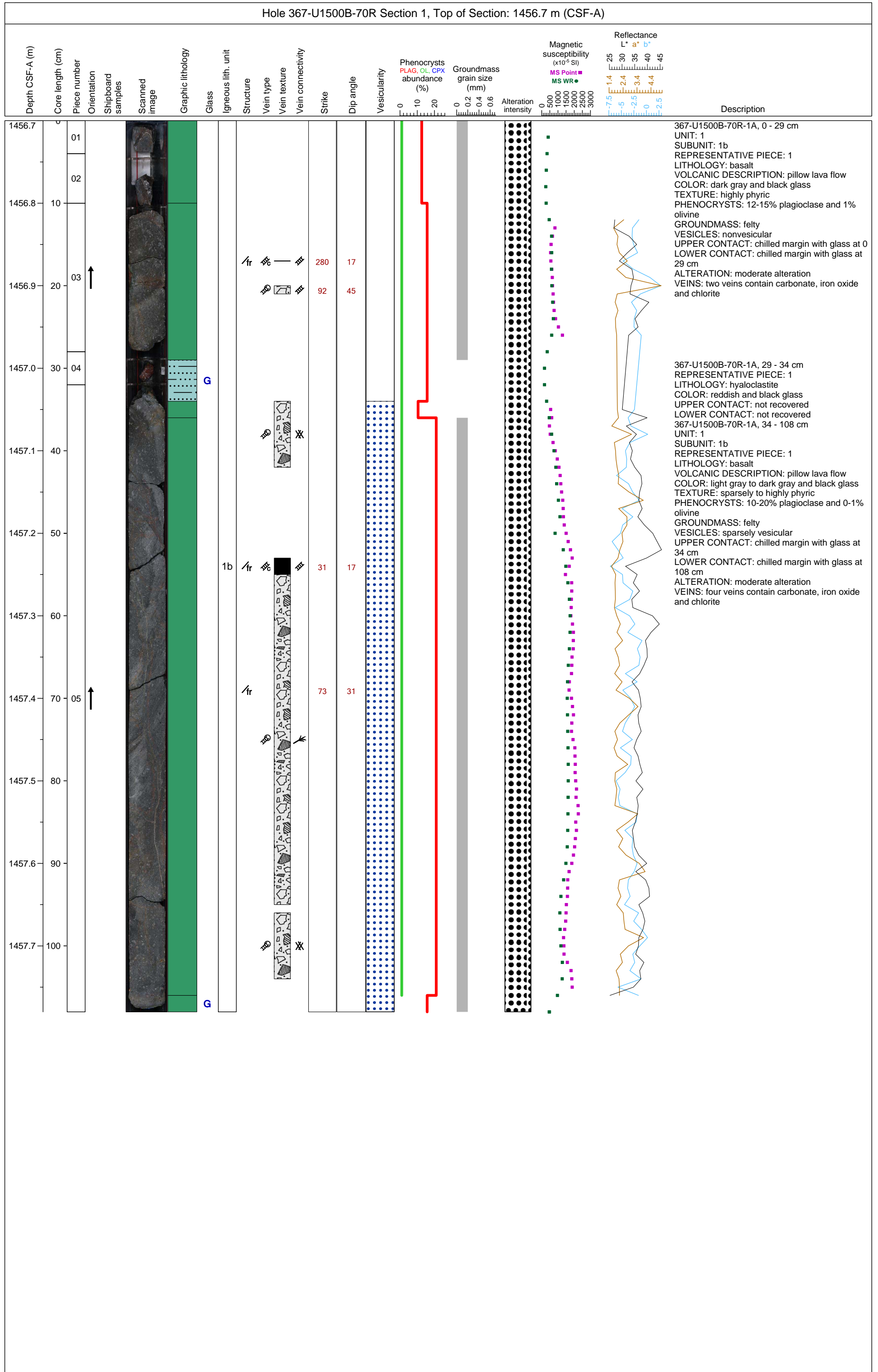


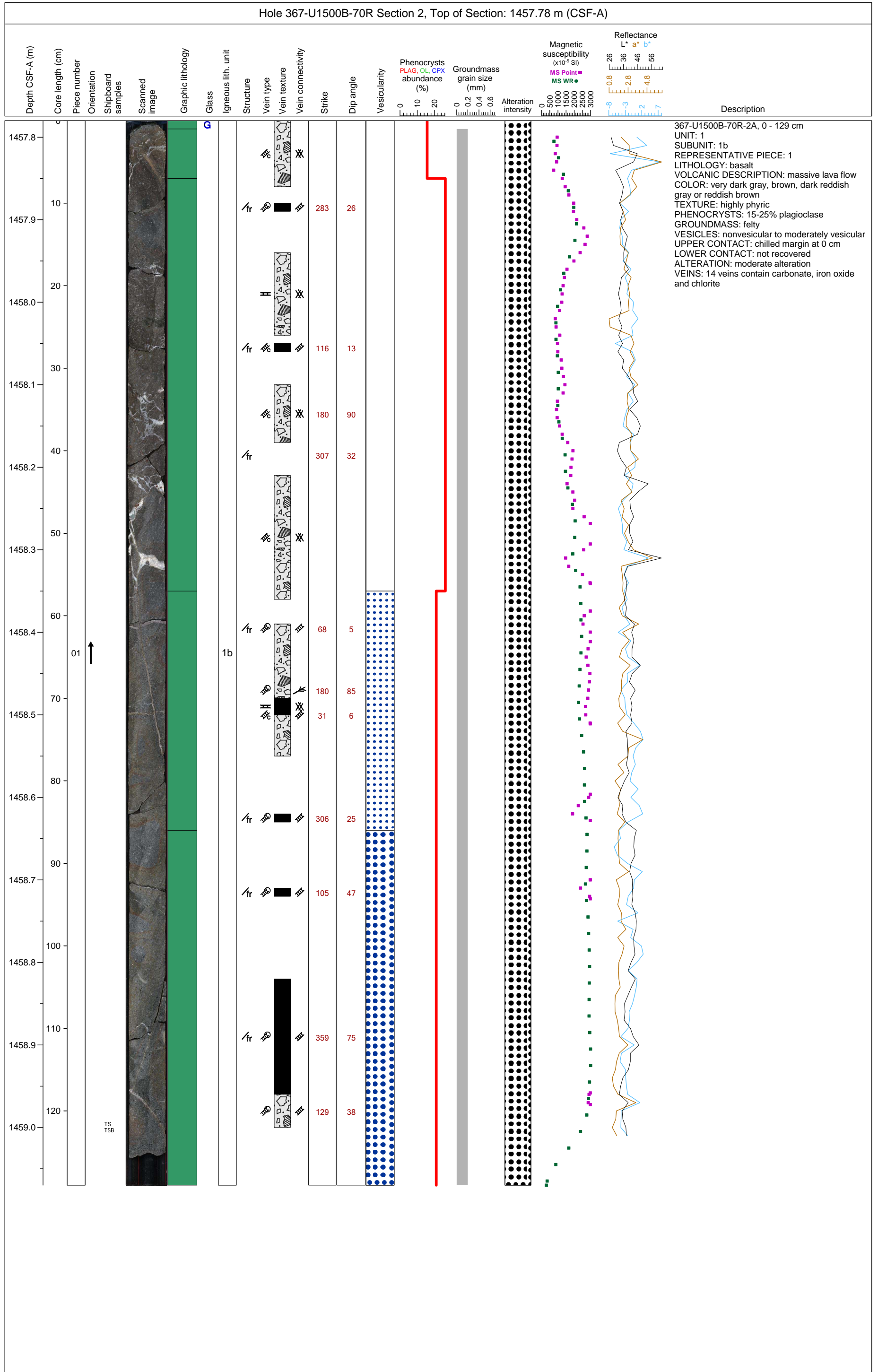


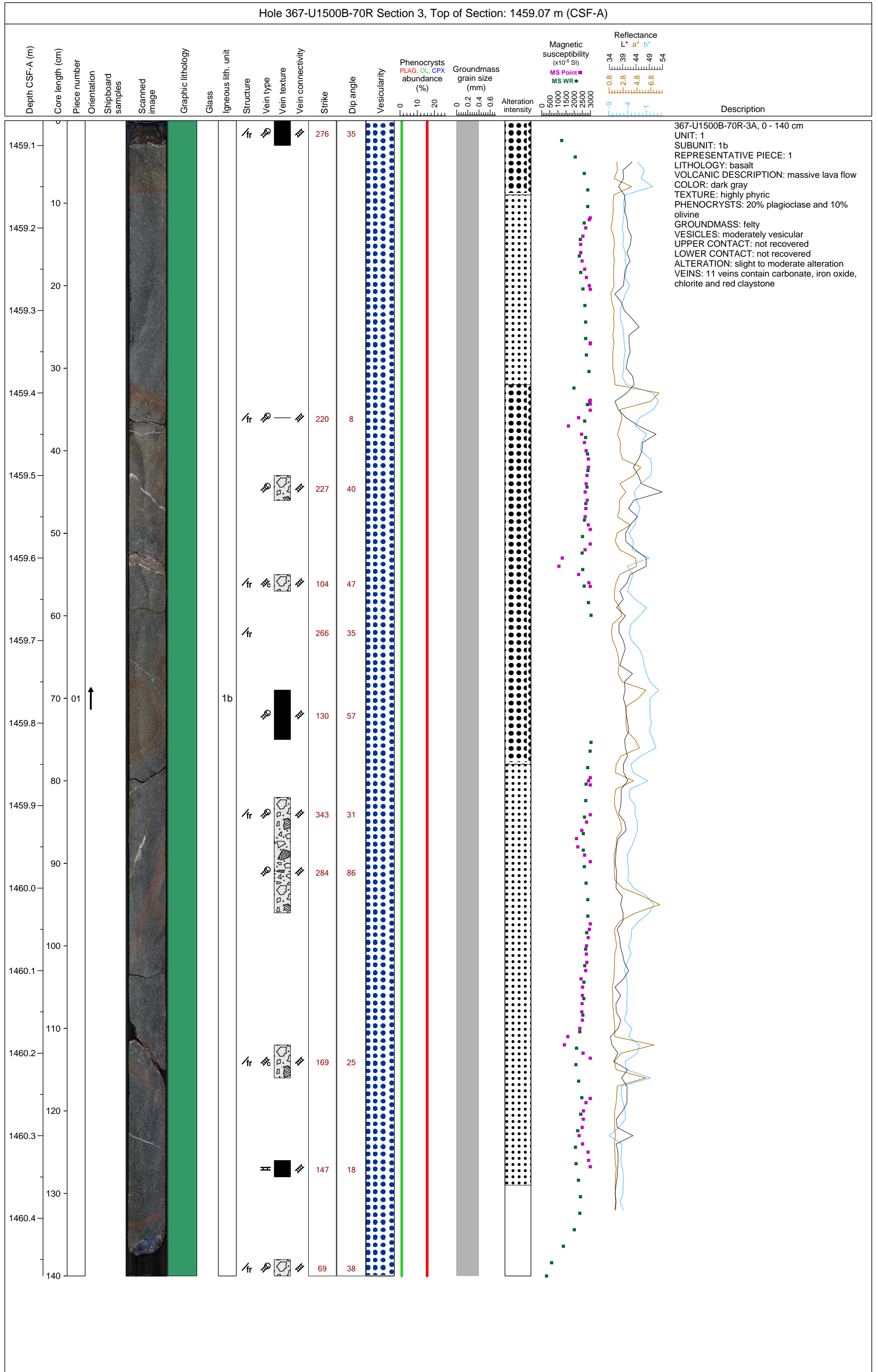


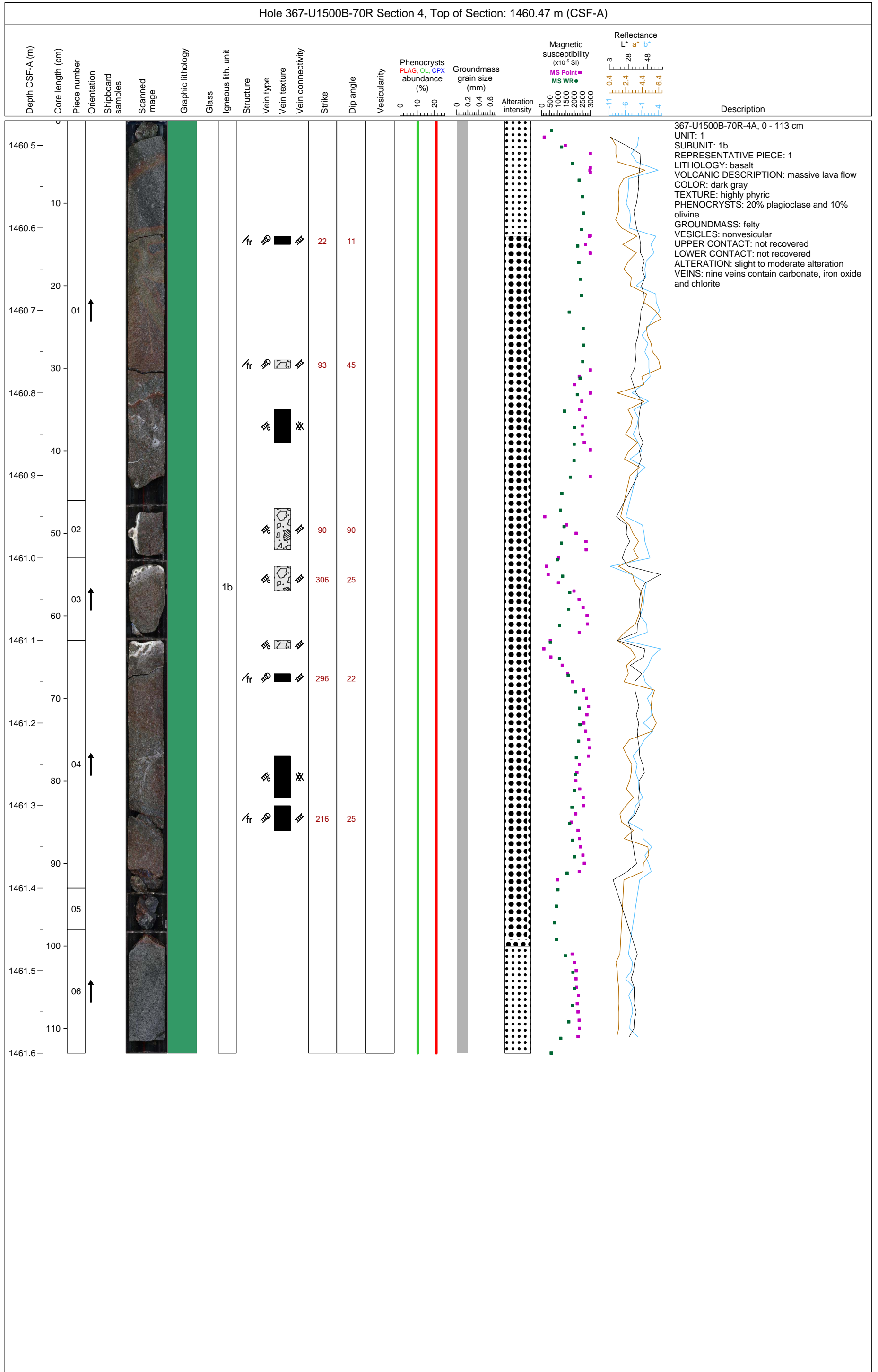


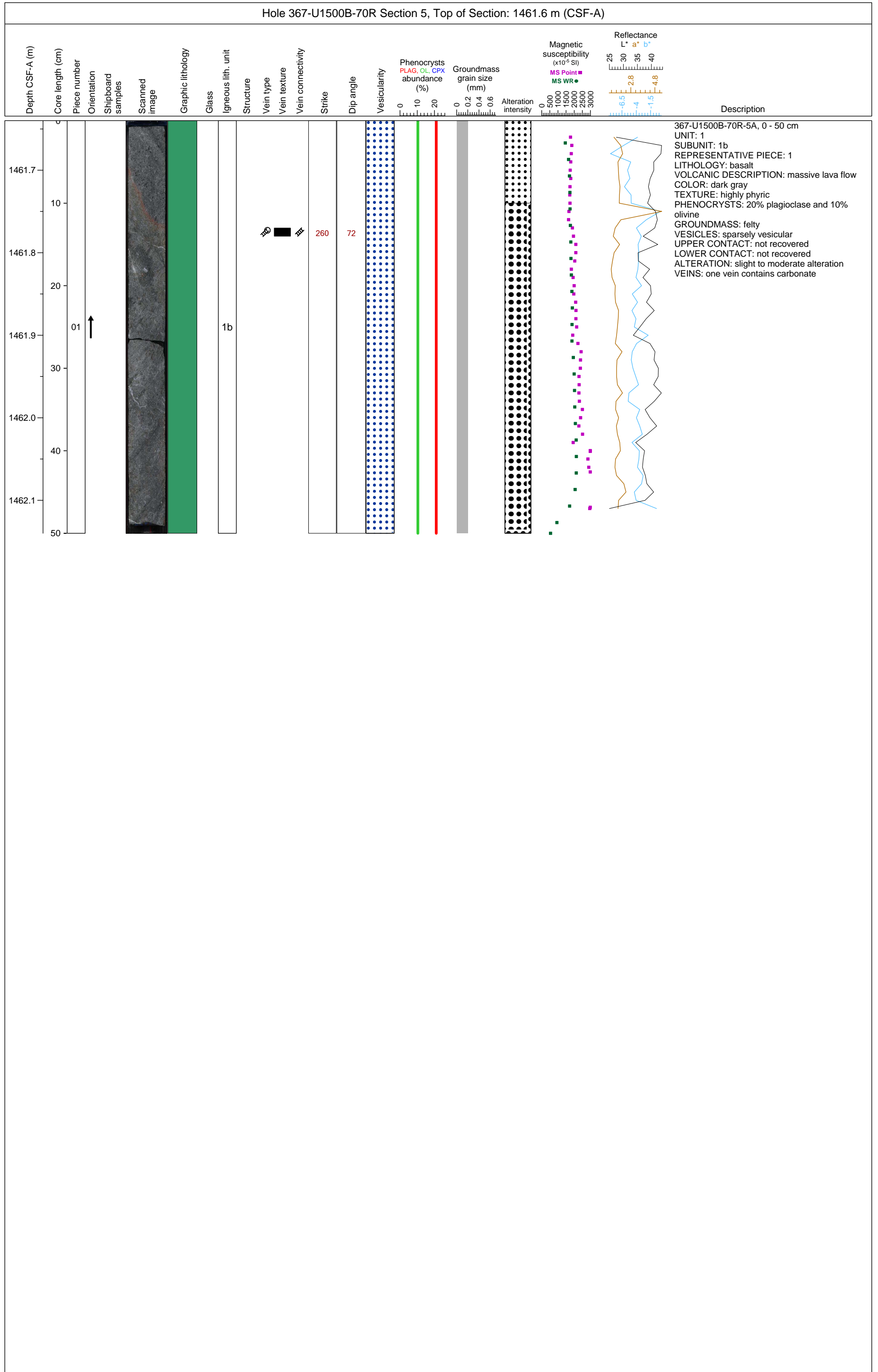






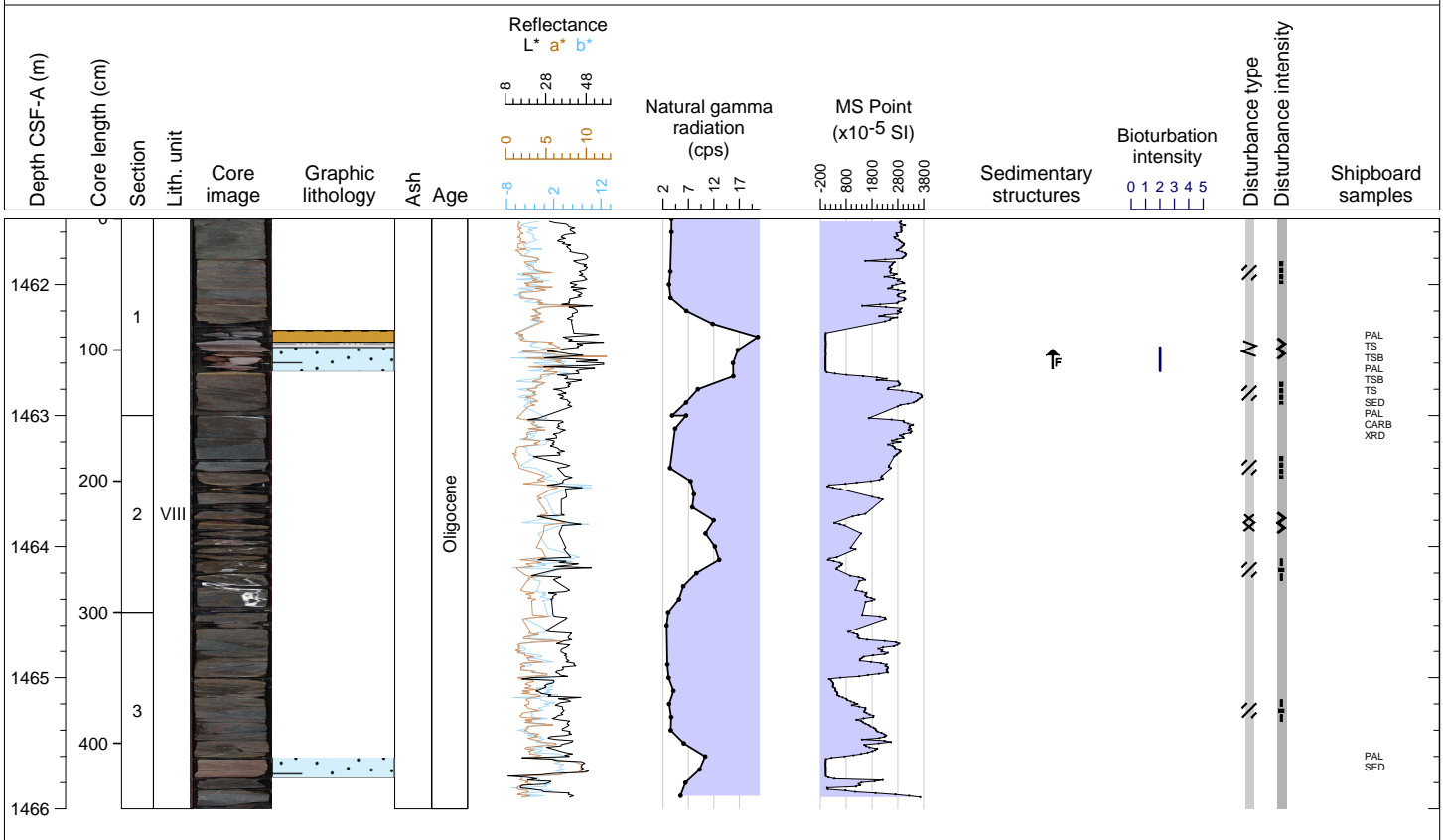


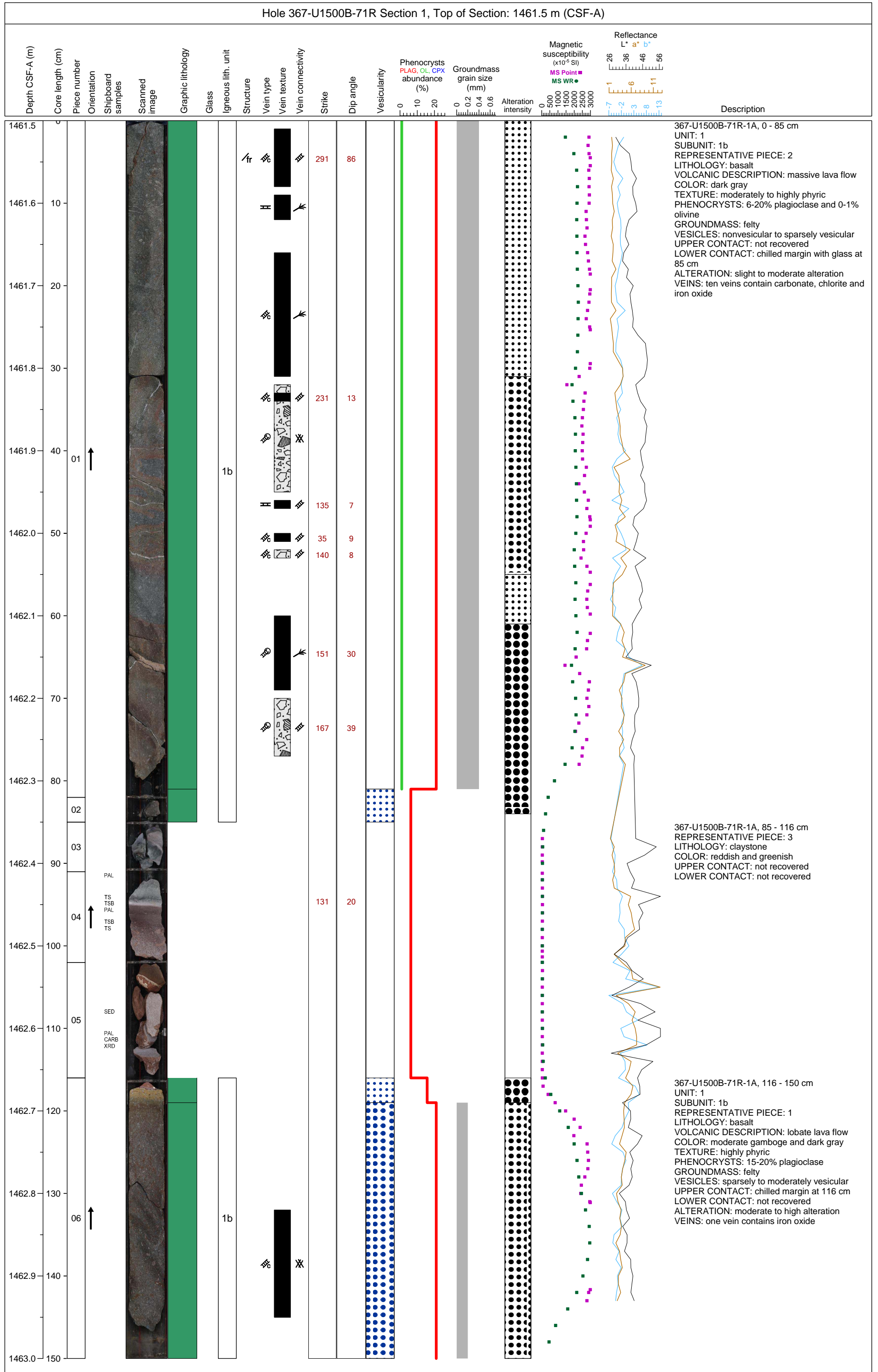


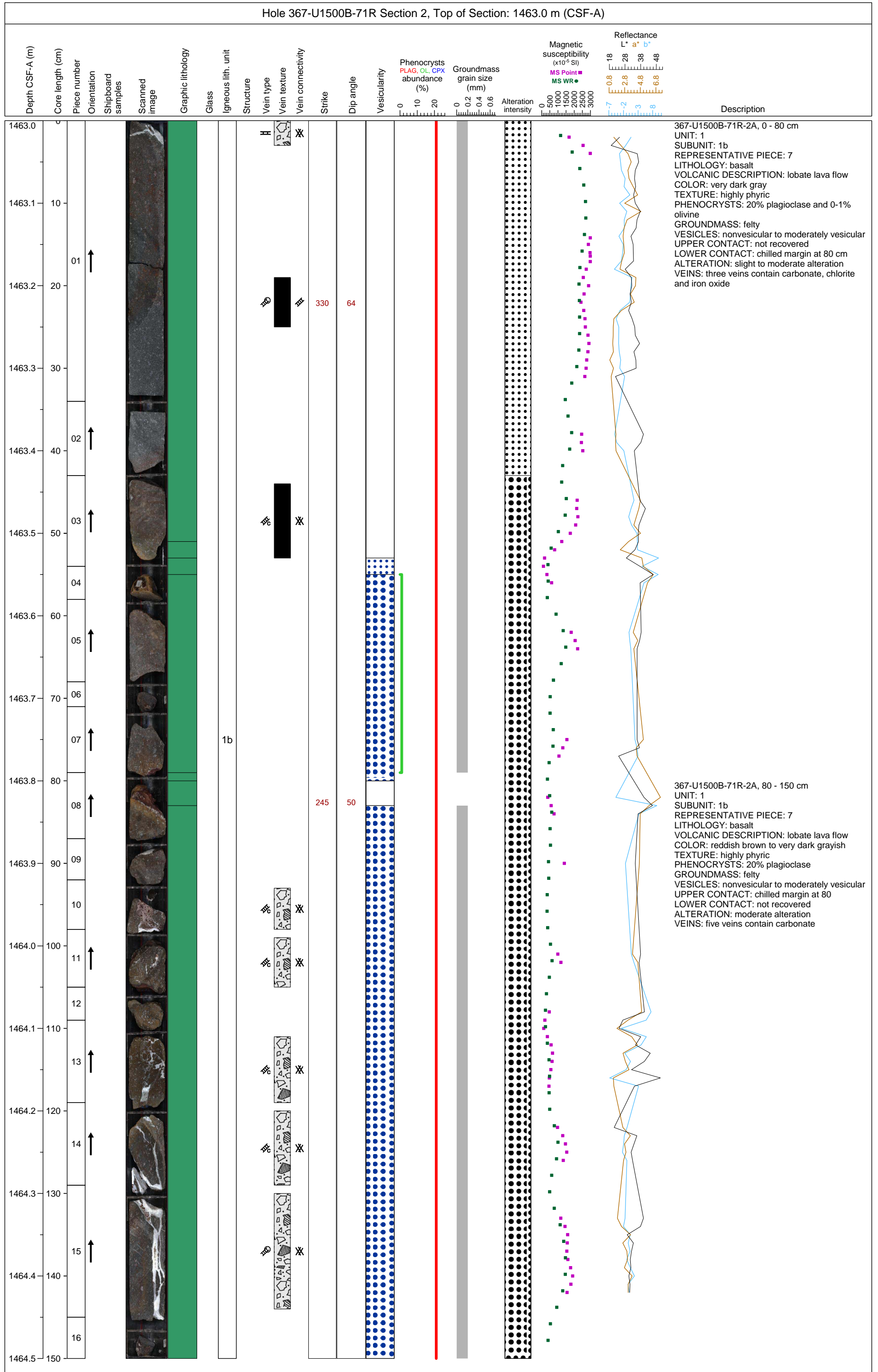


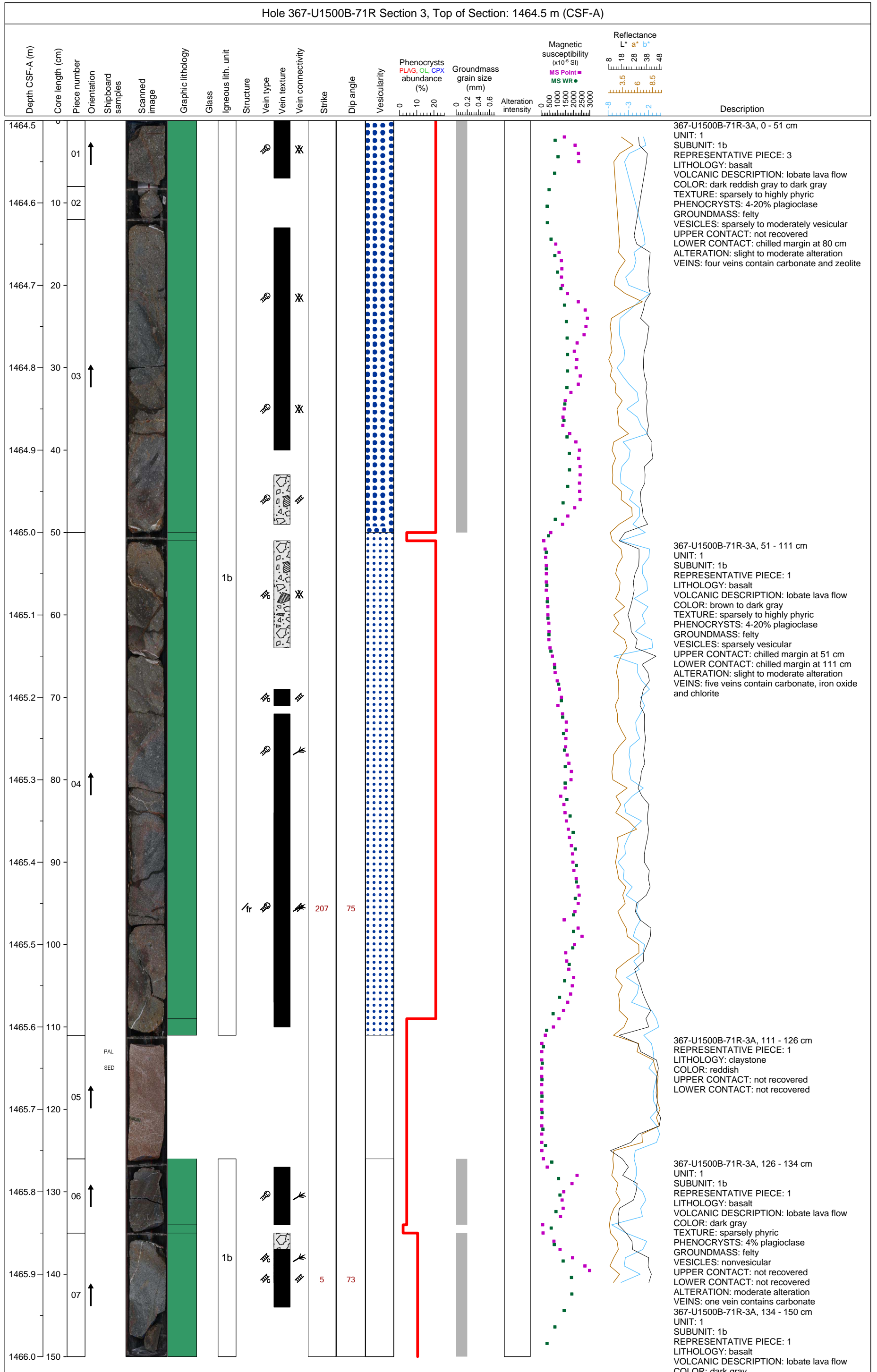
Hole 367-U1500B Core 71R, Interval 1461.5-1466.0 m (CSF-A)

Core U1500B-71R contains very dark gray to very dark grayish brown, sparsely to highly plagioclase phyric BASALT pillow lava flow intercalated with gray to dark reddish gray silty CLAYSTONE and calcareous SANDY CLAYSTONE locally showing fining upward sequences. The BASALT grades from holohyaline to hypohyaline to hypocrySTALLINE. Alteration intensity grades from slight to moderate alteration. The BASALT is nonvesicular to sparsely vesicular. Chilled contacts, glassy chilled margins and hyaloclastites are present within the core. Drilling disturbance includes slight fracturing, high fragmentation and local high brecciation.









Hole 367-U1500B Core 72R, Interval 1466.3-1470.17 m (CSF-A)

Core U1500B-72R contains very dark gray to very dark grayish brown, sparsely to highly plagioclase phyric BASALT pillow lava flow intercalated with gray to dark reddish gray silty CLAYSTONE and calcareous SANDY CLAYSTONE locally showing fining upward sequences. The BASALT grades from holohyaline to hypohyaline to hypocrySTALLINE. Alteration intensity grades from slight to moderate alteration. The BASALT is nonvesicular to sparsely vesicular. Chilled contacts, glassy chilled margins and hyaloclastites are present within the core. Drilling disturbance includes slight fracturing, high fragmentation and local high brecciation.

