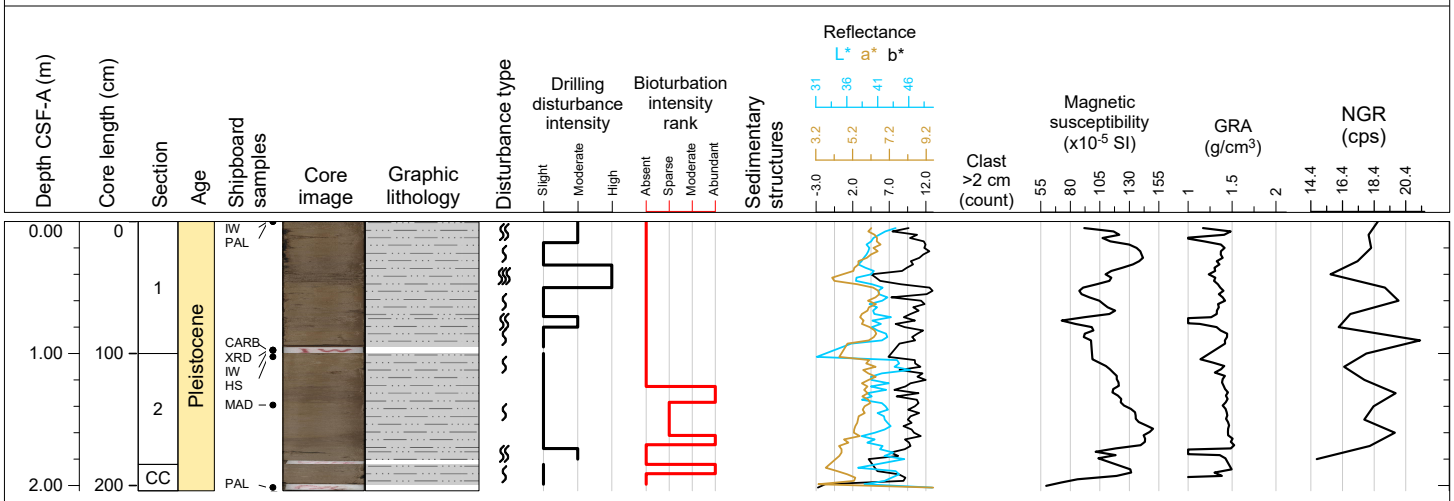
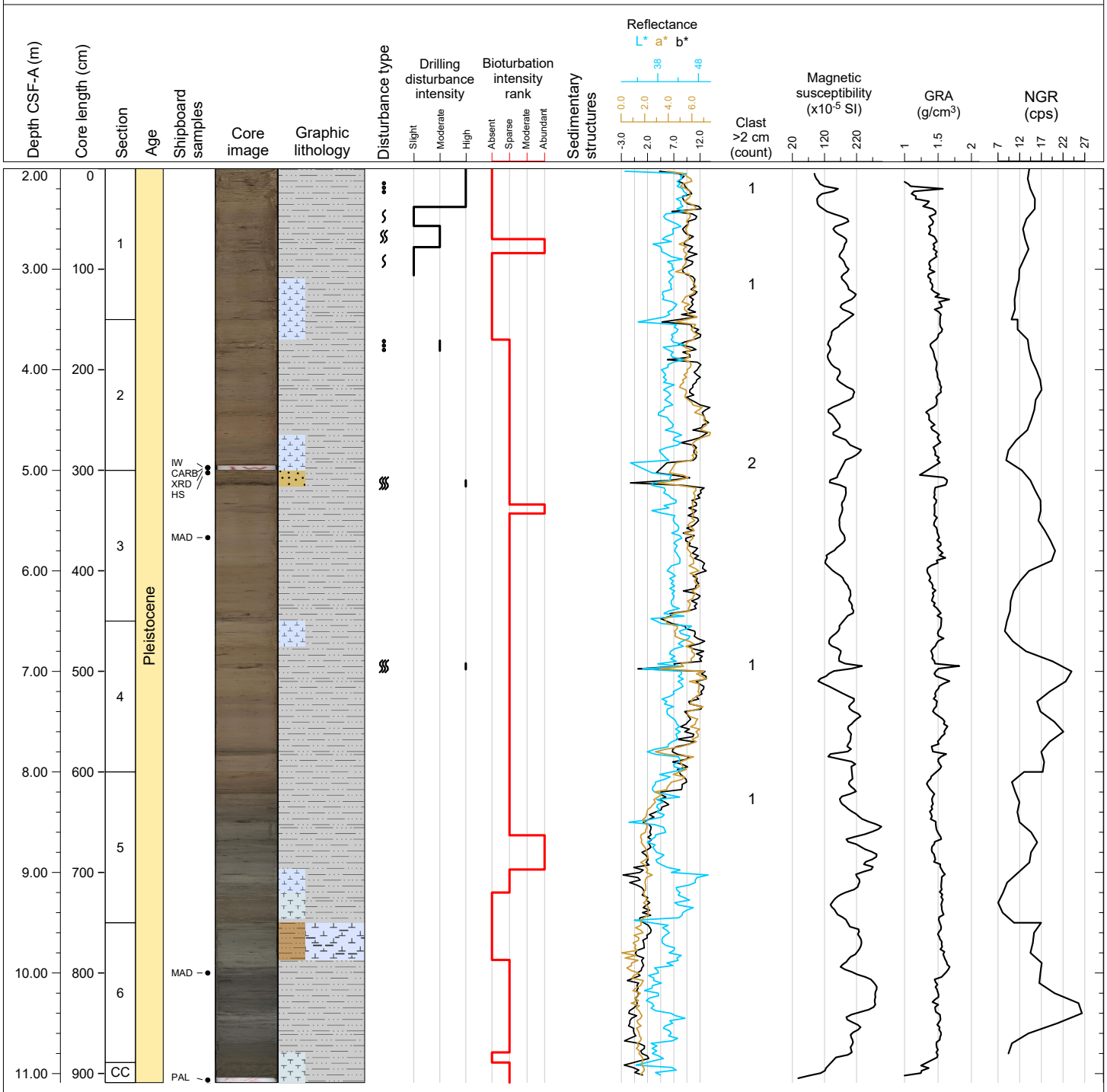
Hole 395C-U1562A Core 1H, Interval 0.0-2.04 m (CSF-A)

This core consists of dominantly light brownish gray (10YR 6/2) to brown (10YR 5/3) CLAYEY SILT or SILT CLAY, intercalating with gray (2.5Y 6/1) NANNOFOSSIL CLAYEY SILT or SILTY CLAY with FORAMINIFERA, brown (10YR 5/3) SANDY CLAYEY SILT or SILTY CLAY with FORAMINIFERA and light brownish gray (10YR 6/2) FORAMINIFERA CLAYEY SILT or SILTY CLAY with NANNOFOSSILS. Bioturbation is absent to moderate and clasts (> 2cm) are observed in Sections 1, 3 and 4.



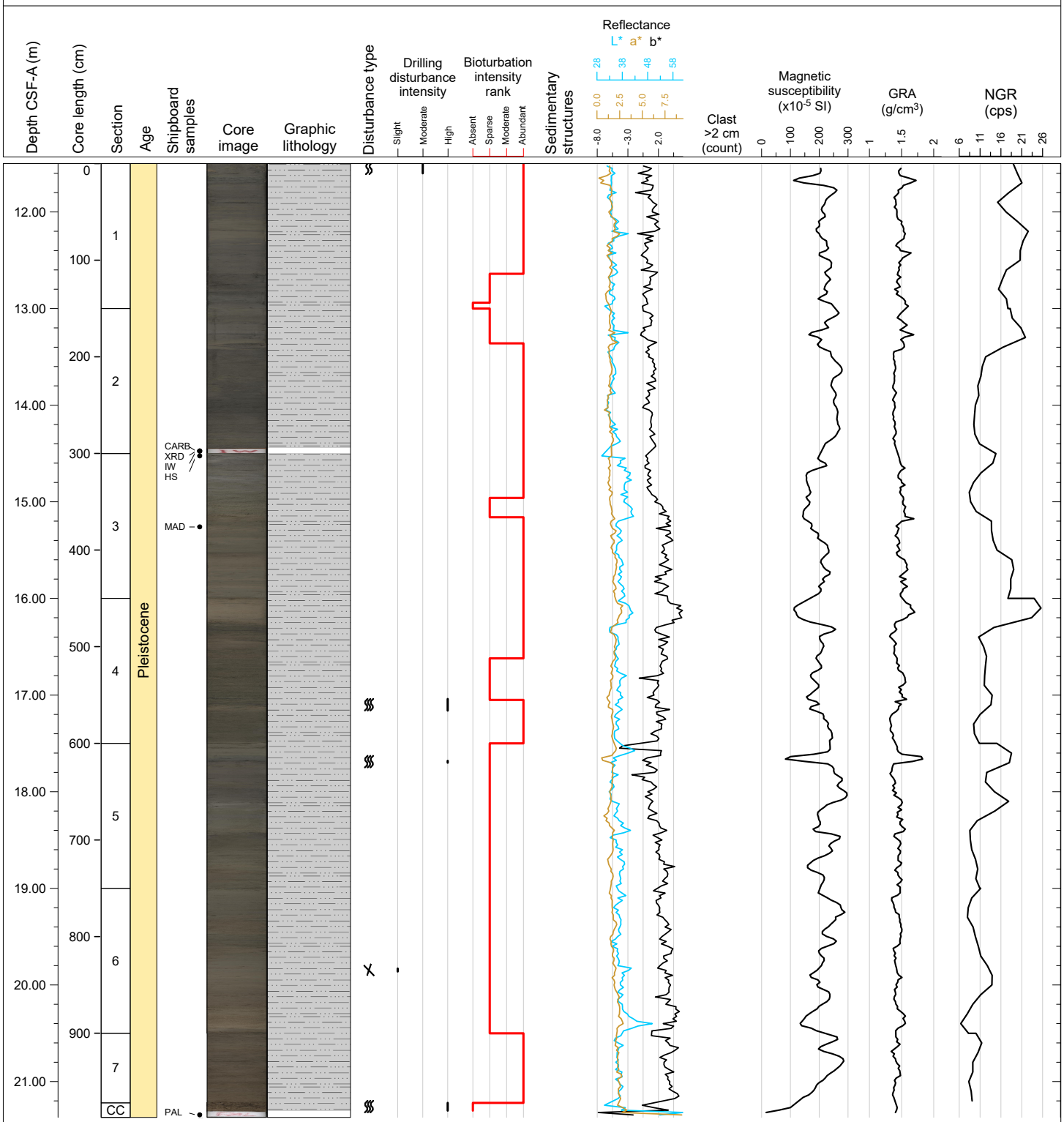
Hole 395C-U1562A Core 2H, Interval 2.0-11.09 m (CSF-A)

This core consists of dominantly light brownish gray (10YR 6/2) to brown (10YR 5/3) CLAYEY SILT or SILT CLAY, intercalating with gray (2.5Y 6/1) NANNOFOSSIL CLAYEY SILT or SILTY CLAY with FORAMINIFERA, brown (10YR 5/3) SANDY CLAYEY SILT or SILTY CLAY with FORAMINIFERA and light brownish gray (10YR 6/2) FORAMINIFERA CLAYEY SILT or SILTY CLAY with NANNOFOSSILS. Bioturbation is absent to moderate and clasts (>2cm) are observed in Sections 1, 3 and 4.



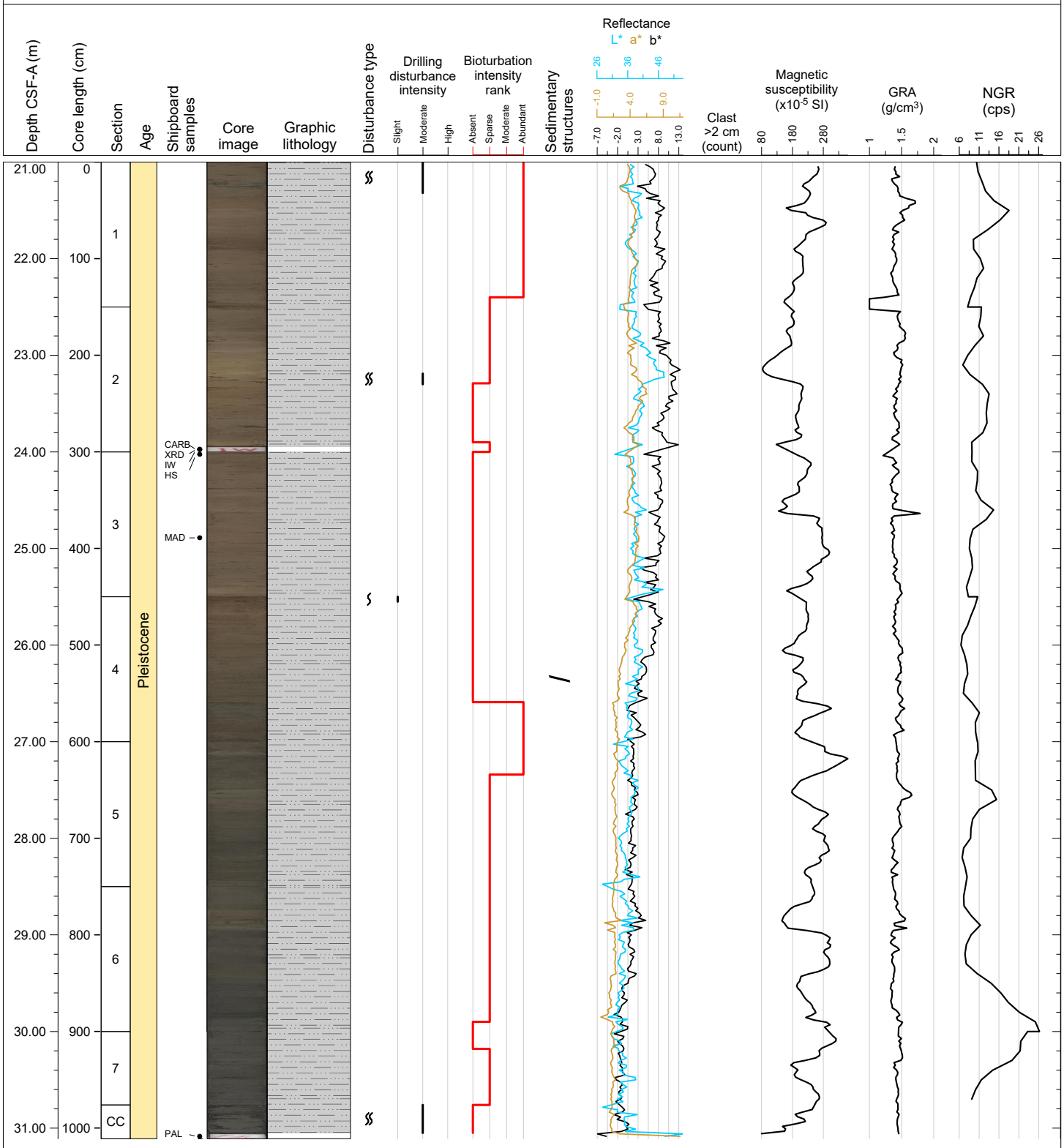
Hole 395C-U1562A Core 3H, Interval 11.5-21.37 m (CSF-A)

This core consists of dominantly light brownish (10YR 6/2) to gray (2.5Y 5/1) CLAYEY SILT or SILTY CLAY, intercalating with light brownish gray (2.5YR 6/1) CLAYEY SILT or SILTY CLAY with SAND and light gray (2.5Y 7/1) CLAYEY SILT or SILTY CLAY with NANNOFOSSILS. Absent to moderate bioturbation and fining upward sequences are observed in the sand intervals.



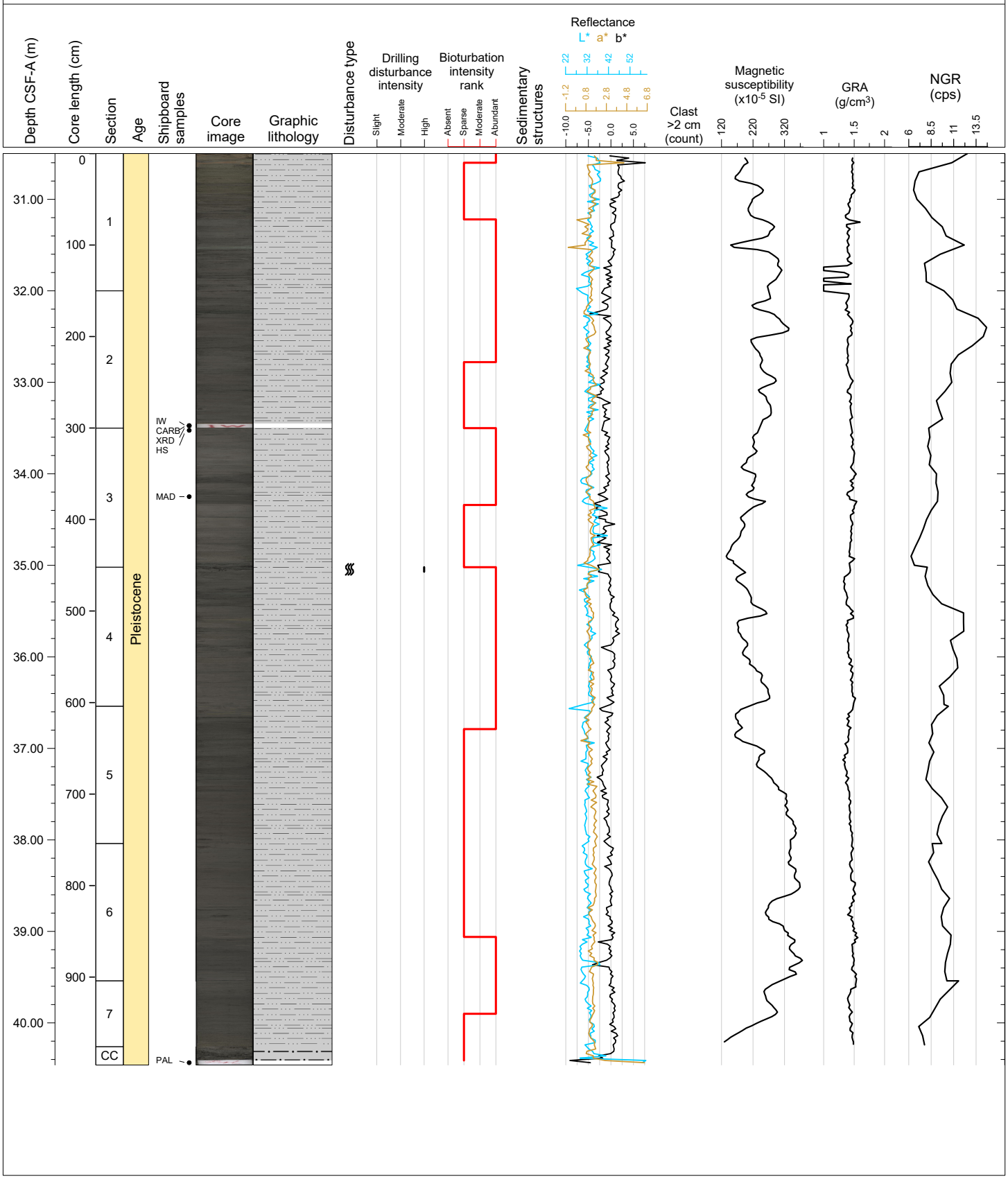
Hole 395C-U1562A Core 4H, Interval 21.0-31.11 m (CSF-A)

This core consists of dominantly grayish brown (10YR 5/2) CLAYEY SILT or SILTY CLAY intercalated with gray (10YR 5/1) CLAYEY SILT or SILTY CLAY with FORAMINIFERA and brown (10YR 5/3) CLAYEY SILT or SILTY CLAY with SAND. Absent to moderate bioturbation is present, and a sharp boundary is observed at the clayey silt with foraminifera and clayey silt transition in Section 4.



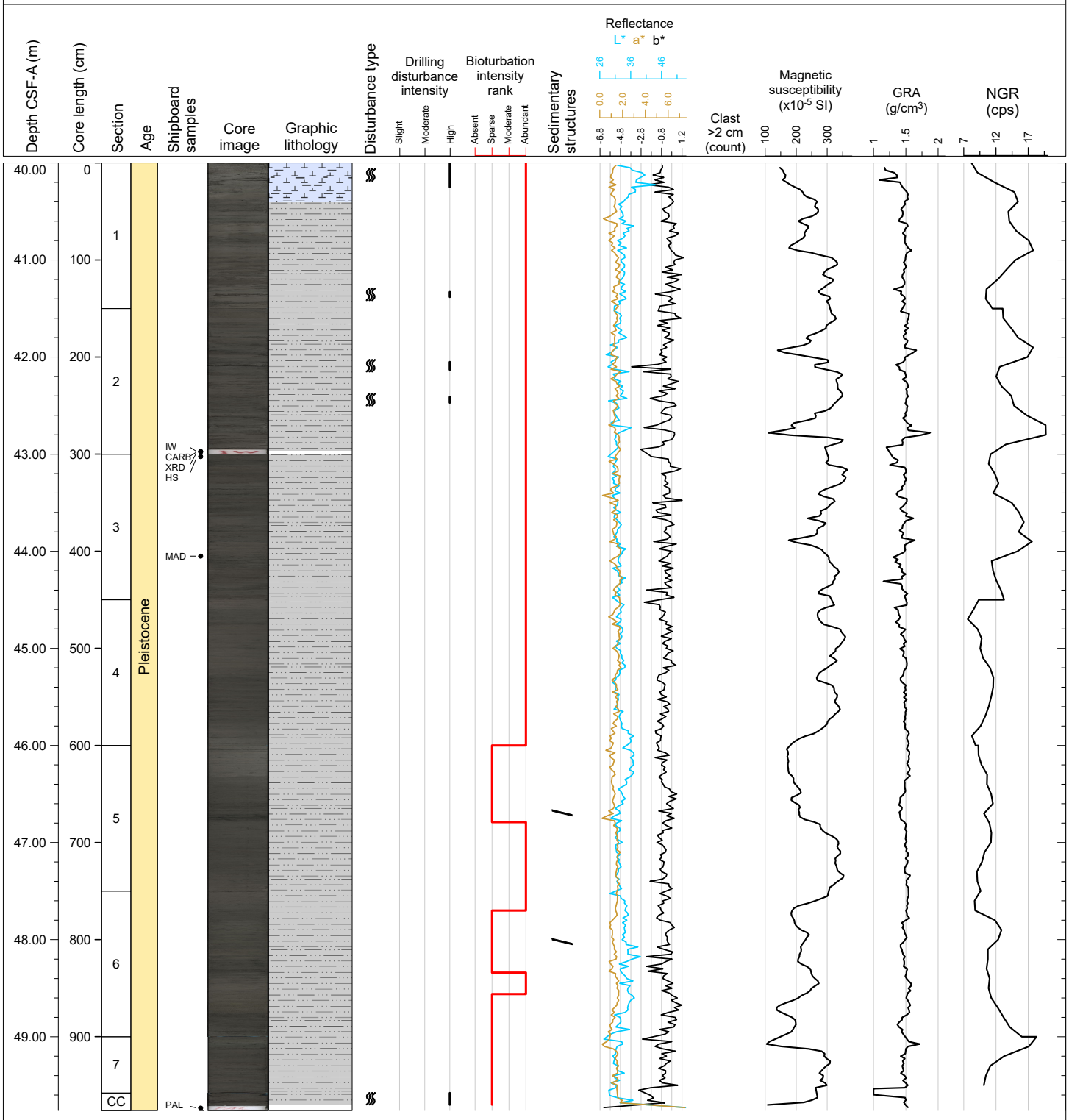
Hole 395C-U1562A Core 5H, Interval 30.5-40.46 m (CSF-A)

This core consists of dominantly grayish brown (2.5Y 5/2) CLAYEY SILT or SILTY CLAY, with some intervals intercalating with light yellowish brown (2.5Y 6/3) CLAYEY SILT or SILTY CLAY with CARBONATE. Bioturbation is sparse to moderate.



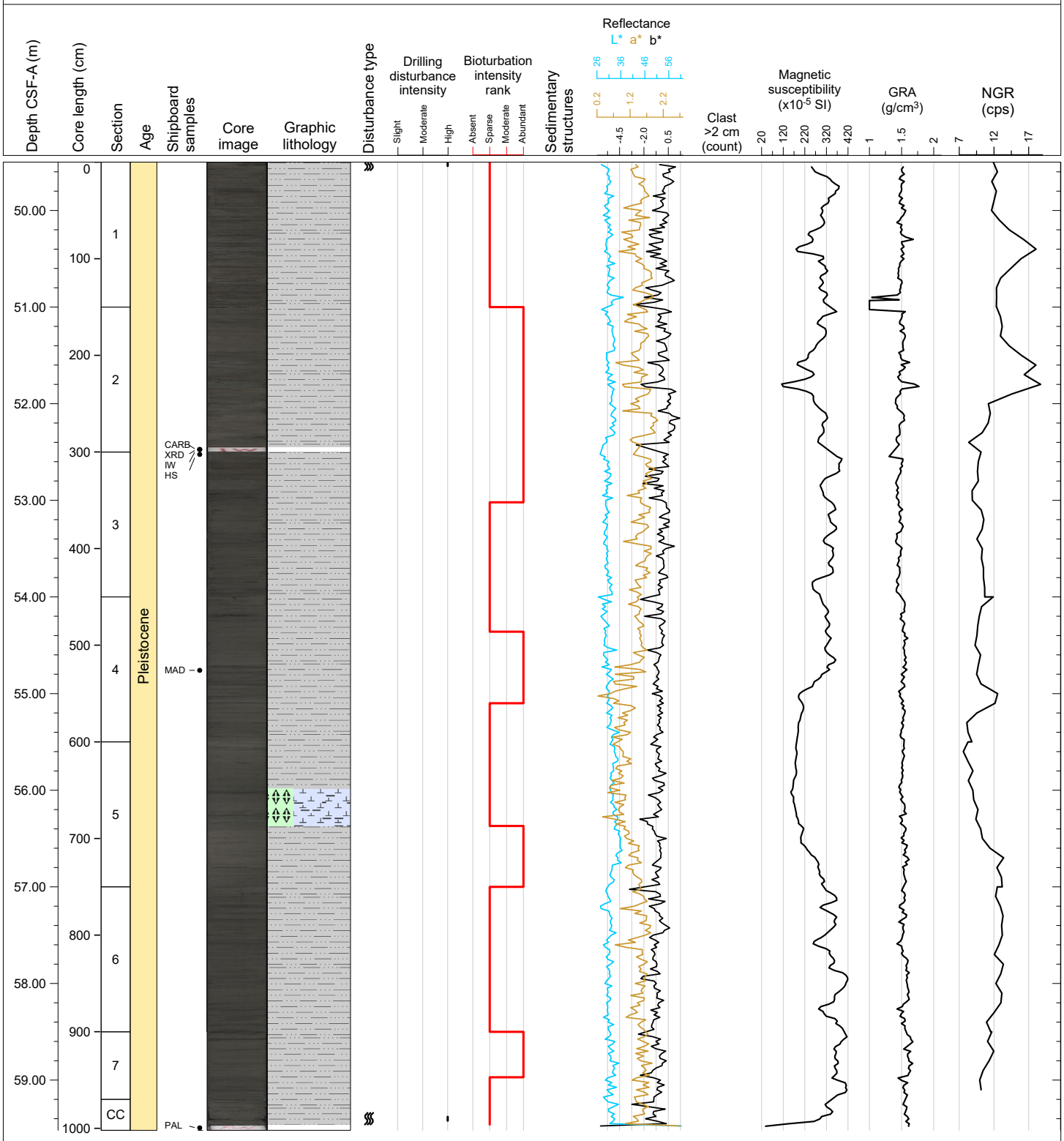
Hole 395C-U1562A Core 6H, Interval 40.0-49.76 m (CSF-A)

This core consists of dominantly grayish brown (2.5Y 5/2) CLAYEY SILT OR SILTY CLAY, with some intervals intercalated with gray (2.5Y 6/1) NANNOFOSSIL OOZE with CLAYEY SILT or SILTY CLAY, olive gray (5Y 4/2) CLAYEY SILT or SILTY CLAY with NANNOFOSSILS, grayish brown (2.5Y 5/2) CLAYEY SILT or SILTY CLAY with SAND and light brownish (2.5Y 6/2) CLAYEY SILT or SILTY CLAY with CARBONATE. Bioturbation is sparse to moderate.



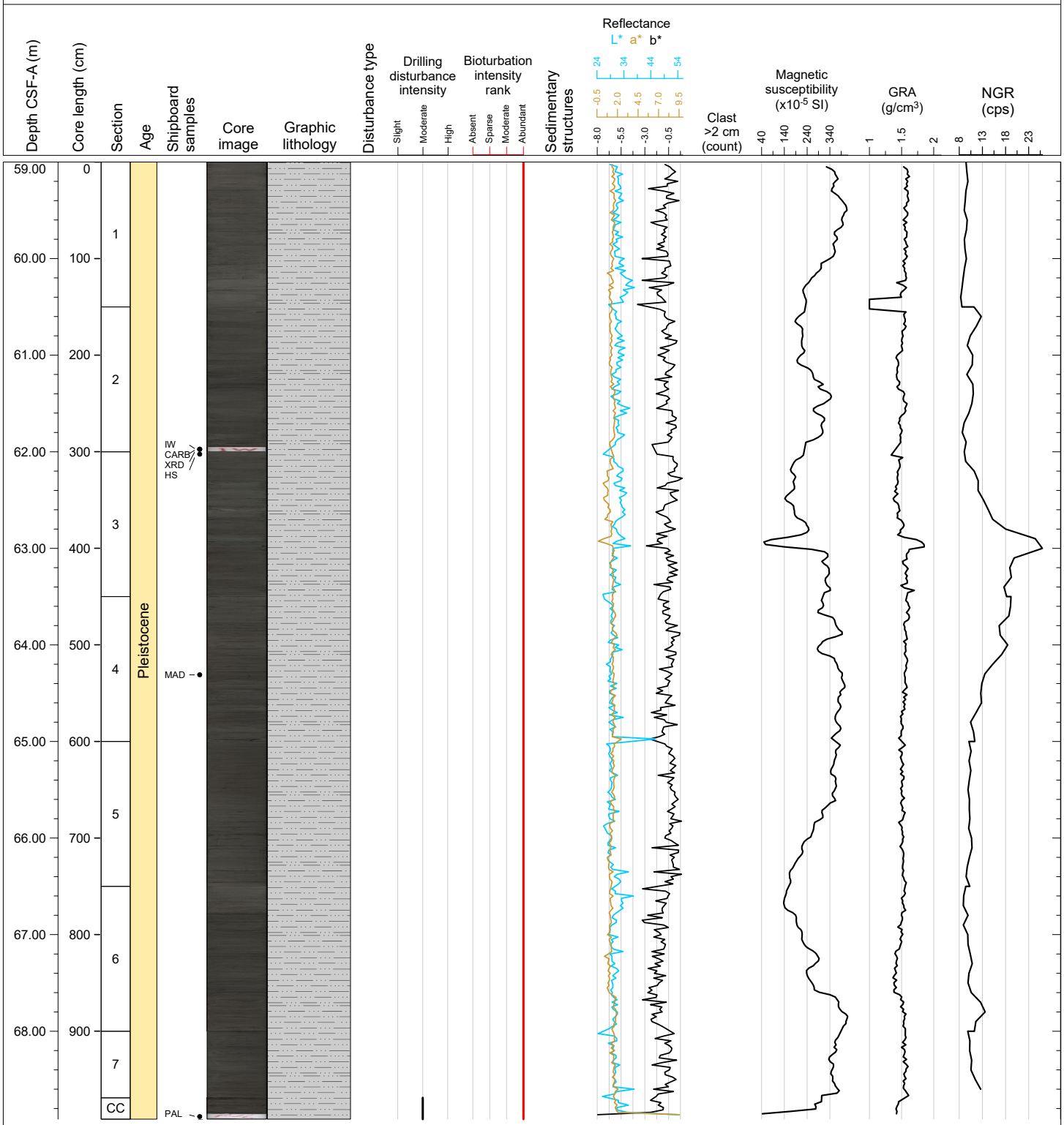
Hole 395C-U1562A Core 7H, Interval 49.5-59.52 m (CSF-A)

This core consists of dominantly grayish brown (10YR 5/2) CLAYEY SILT or SILTY CLAY, intercalated with olive gray (5Y 5/2) BIOSILICA NANNOFOSSIL OOZE with CLAYEY SILT or SILTY CLAY in Section 5. Bioturbation is sparse to moderate and the core is well preserved.



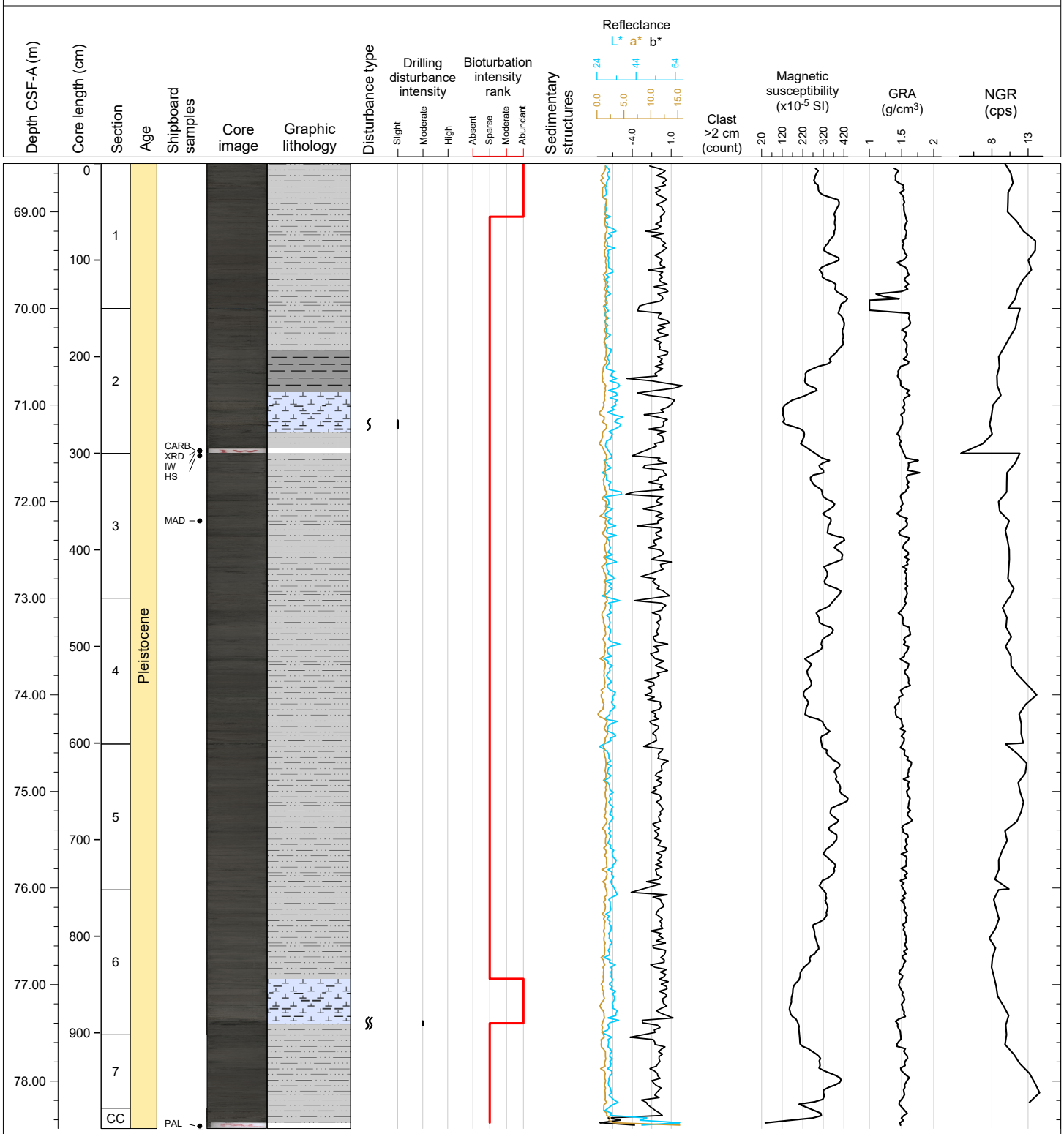
Hole 395C-U1562A Core 8H, Interval 59.0-68.91 m (CSF-A)

This core consists of dominantly grayish brown (10YR 5/2) CLAYEY SILT or SILTY CLAY, intercalated with gray (10YR 6/1) CLAYEY SILT or SILTY CLAY with CARBONATE in Sections 2 and 3. Bioturbation is moderate and the core is well preserved.



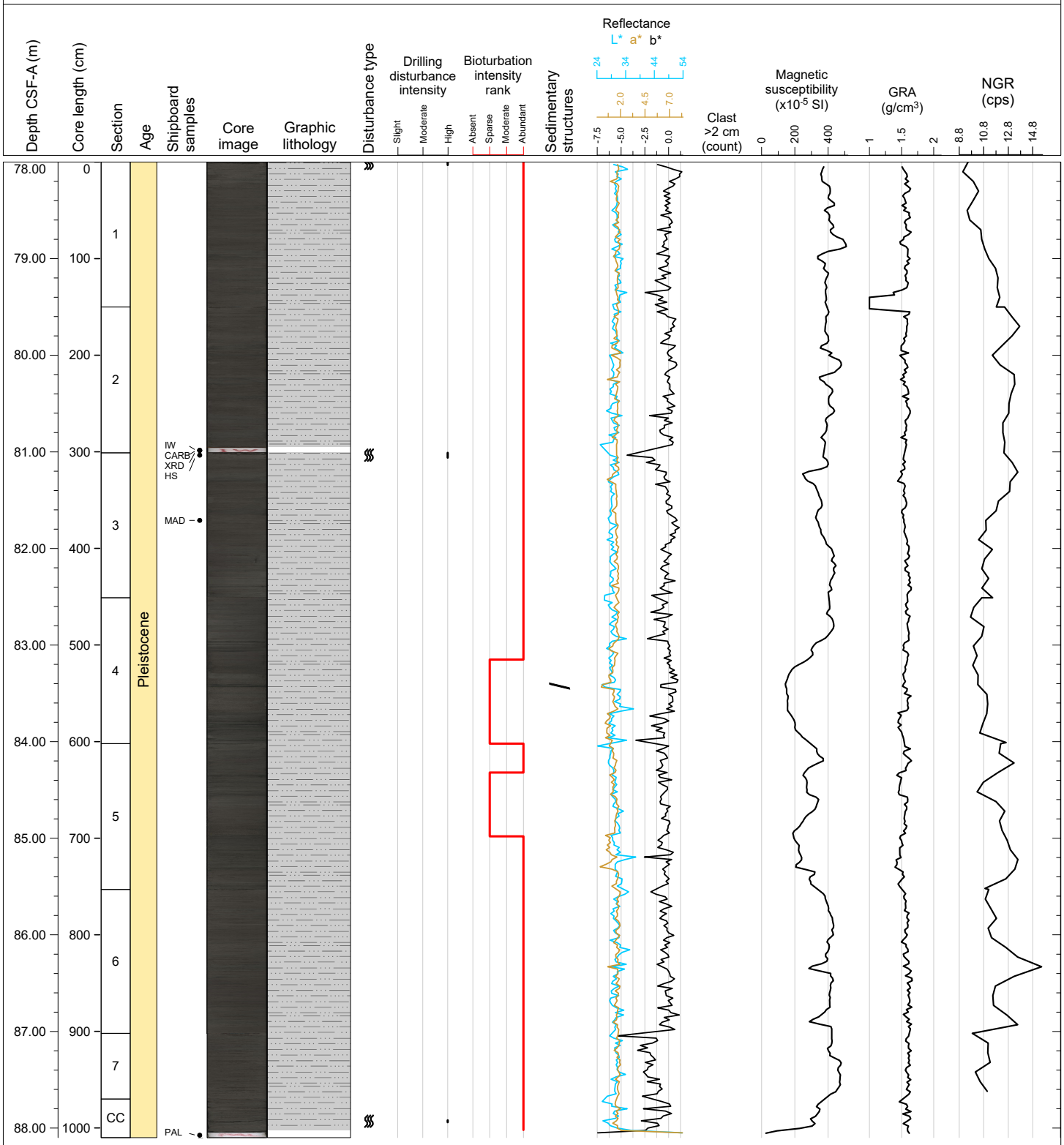
Hole 395C-U1562A Core 9H, Interval 68.5-78.49 m (CSF-A)

This core consists of dominantly grayish brown (2.5YR 5/2) CLAYEY SILT or SILTY CLAY, intercalated with light brownish gray (2.5Y 6/2) NANNOFOSSIL OOZE with BIOSILICA and FORAMINIFERA in Section 2 and light gray (2.5YR 7/2) NANNOFOSSIL OOZE with BIOSILICA in Section 6. Bioturbation is sparse to moderate.



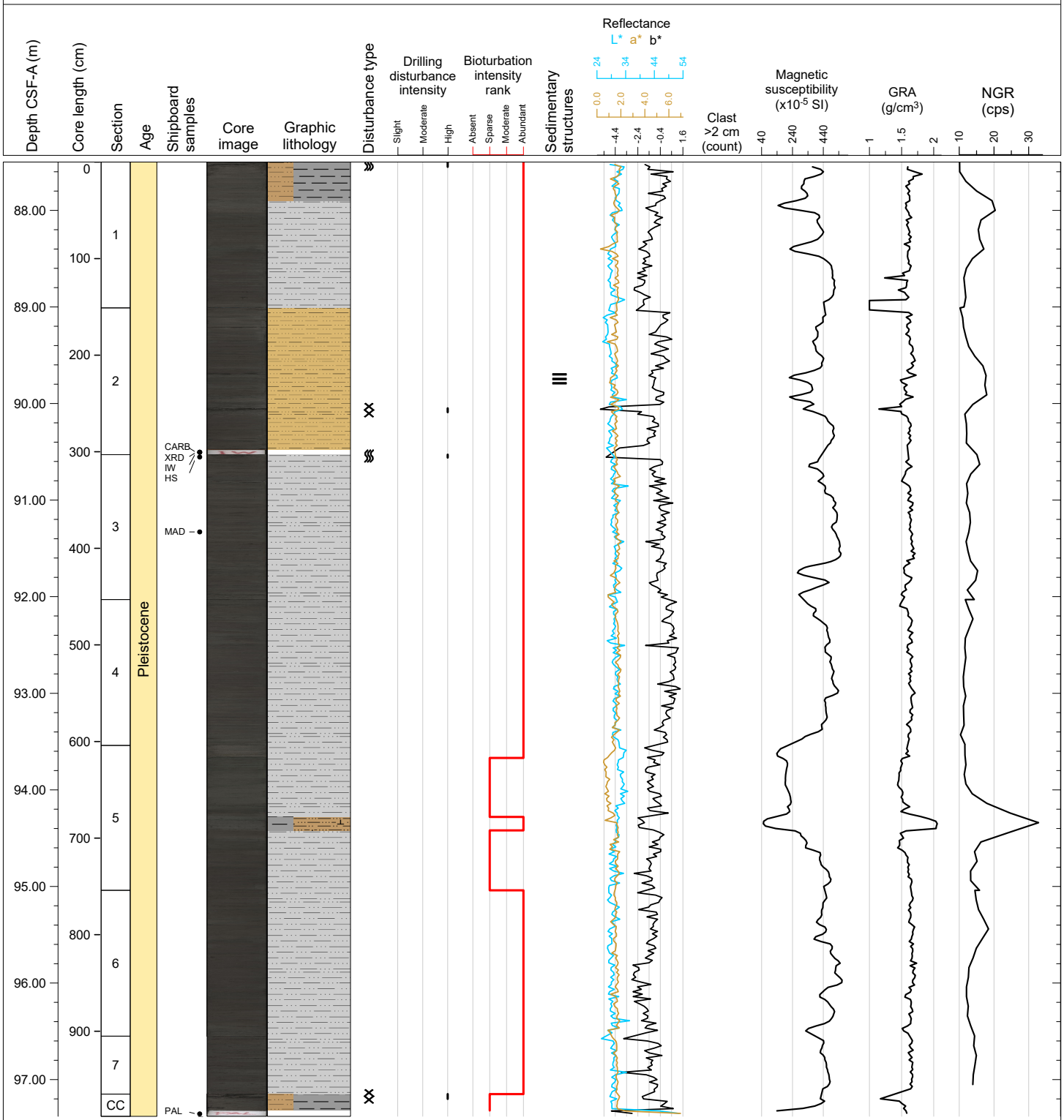
Hole 395C-U1562A Core 10H, Interval 78.0-88.1 m (CSF-A)

This core consists of dominantly dark grayish brown (10 YR 5/4) CLAYEY SILT or SILTY CLAY, intercalated with light olive gray (5Y 6/2) CLAYEY SILT or SILTY CLAY with FORAMINIFERA in Section 4. Bioturbation is sparse to moderate and a sharp contact is observed at 119 cm in Section 4, at the same depth where lithology change occurs.



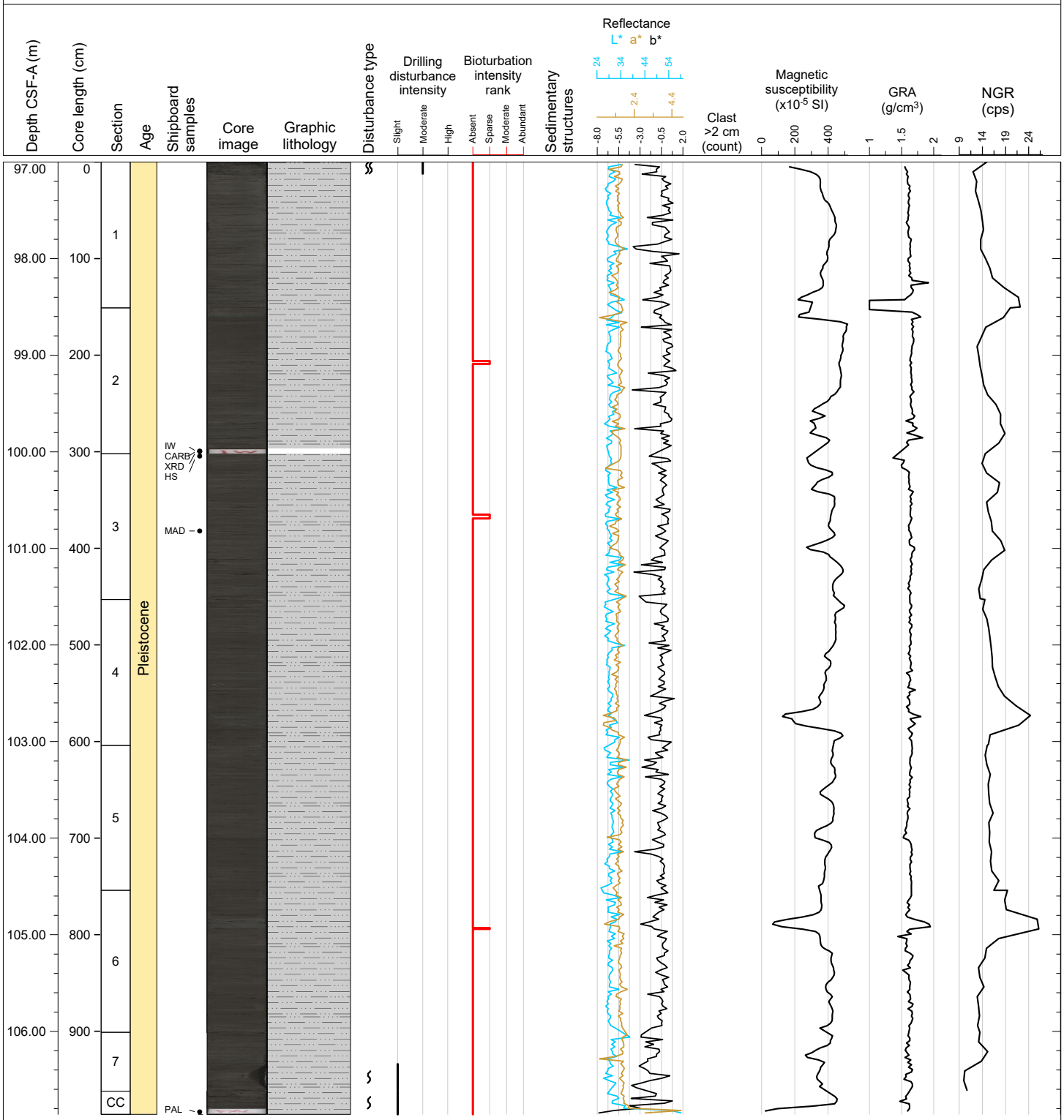
Hole 395C-U1562A Core 11H, Interval 87.5-97.38 m (CSF-A)

This core consists of dominantly grayish brown (2.5YR 5/2) CLAYEY SILT or SILTY CLAY, intercalated with grayish brown (2.5Y 5/2) SILT SAND with CLAY in Section 2 and light olive gray (5Y 6/2) CLAYEY SILT or SILTY CLAY with FORAMS and SAND in Section 5. Bioturbation is sparse to moderate.



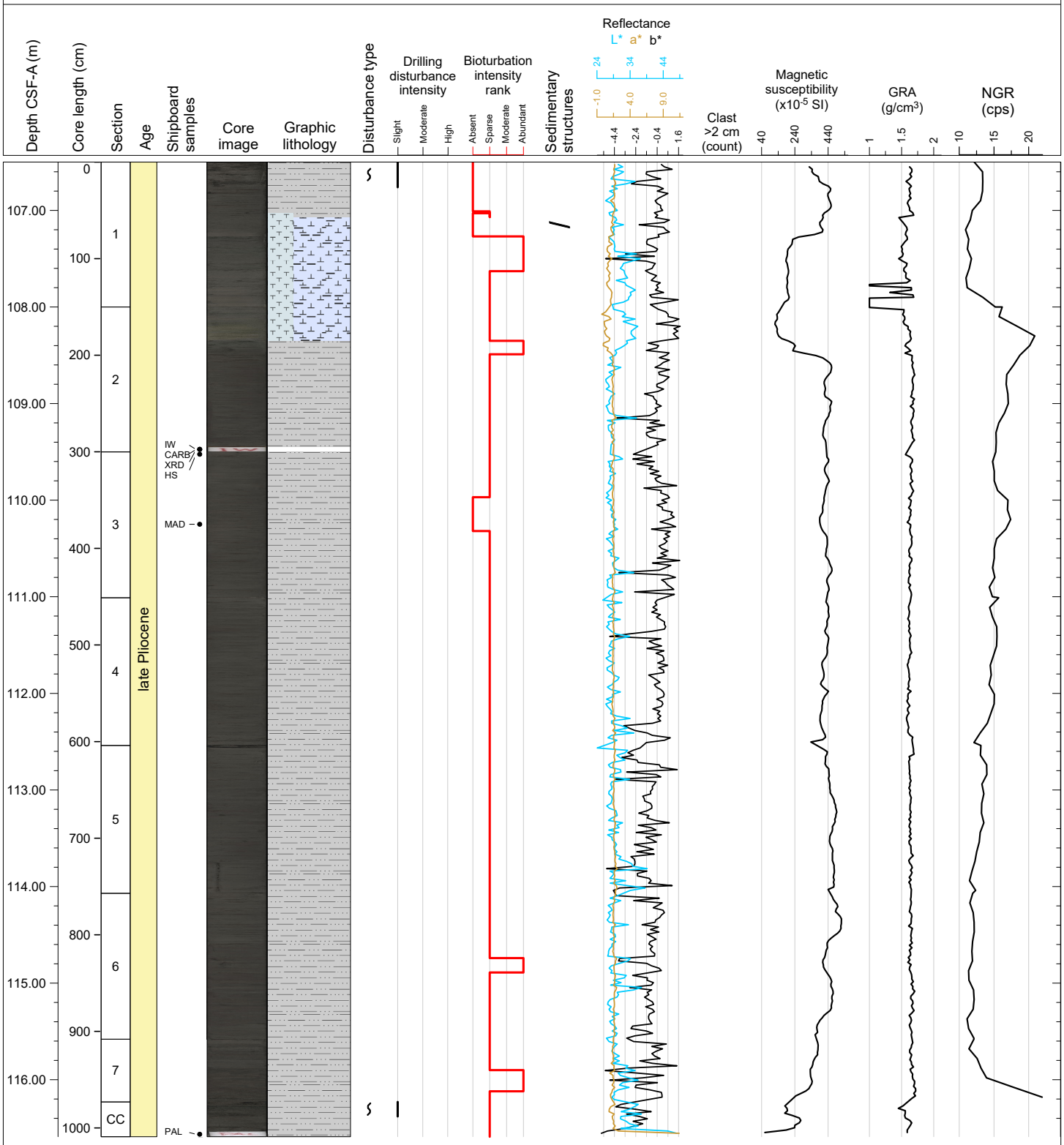
Hole 395C-U1562A Core 12H, Interval 97.0-106.86 m (CSF-A)

This core consists of dominantly grayish brown (2.5Y 5/2) CLAYEY SILT or SILTY CLAY. An angular granite clast is observed in Section 2 at 91 cm. Clasts (>2 cm) are observed in Section 4 at 97 cm and in Section 6 at 37 cm. Bioturbation is absent to sparse throughout the core.



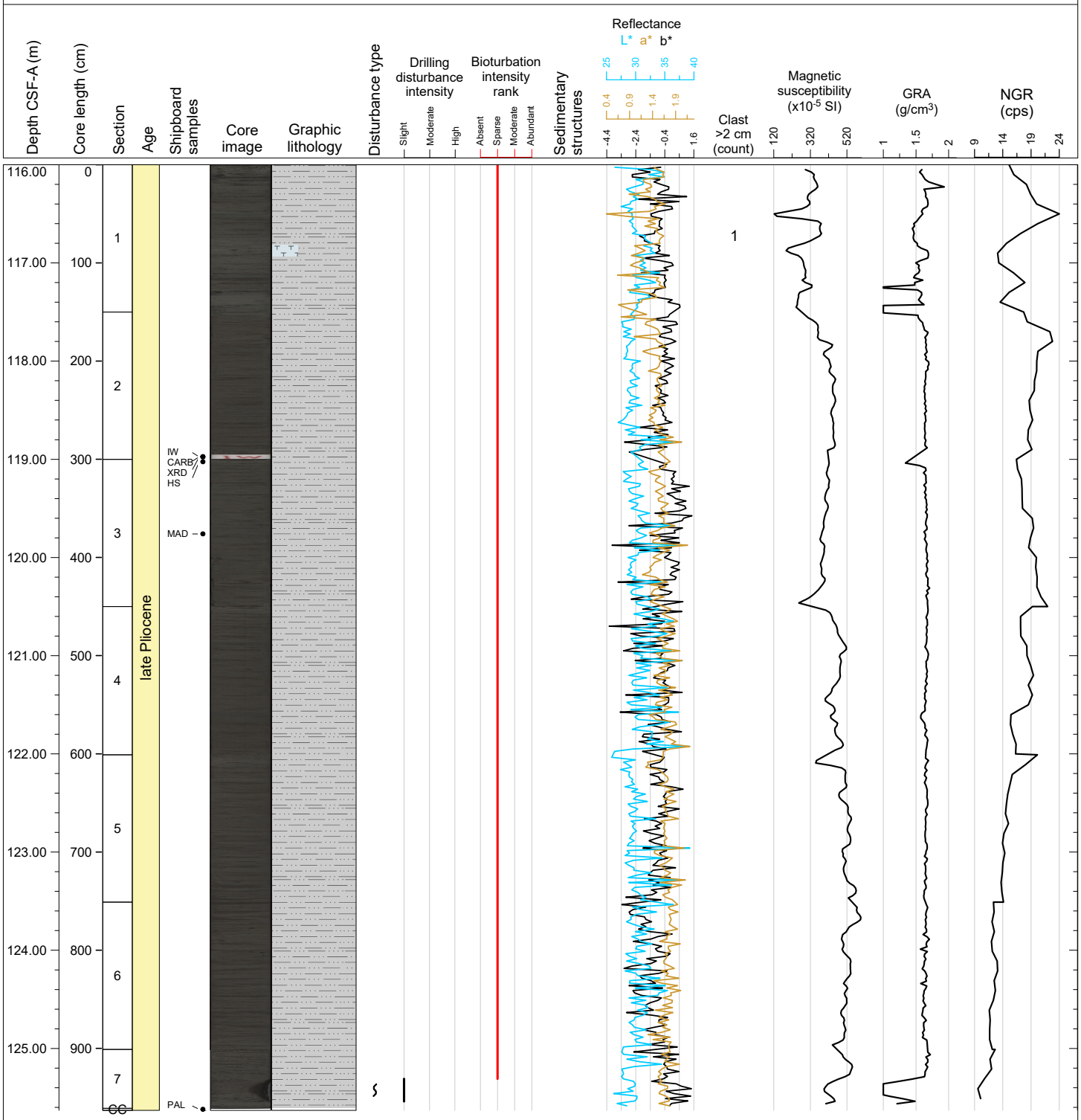
Hole 395C-U1562A Core 13H, Interval 106.5-116.59 m (CSF-A)

This core consists of dominantly dark grayish brown (2.5Y 4/2), grayish brown (2.5Y 5/2) and dark gray (2.5Y 4/1) CLAYEY SILT or SILTY CLAY with varying amounts of FORAMINIFERA and FORAMINIFER NANNOFOSSIL OOZE with BIOSILICA. An angular granite clast is observed in Section 2 at 91 cm. A sharp contact is observed in Section 1 at 77 cm. Clasts (> 2 cm) are observed in Section 6 at 68 cm, 72 cm, and 115 cm. Bioturbation is absent to moderate throughout the core.



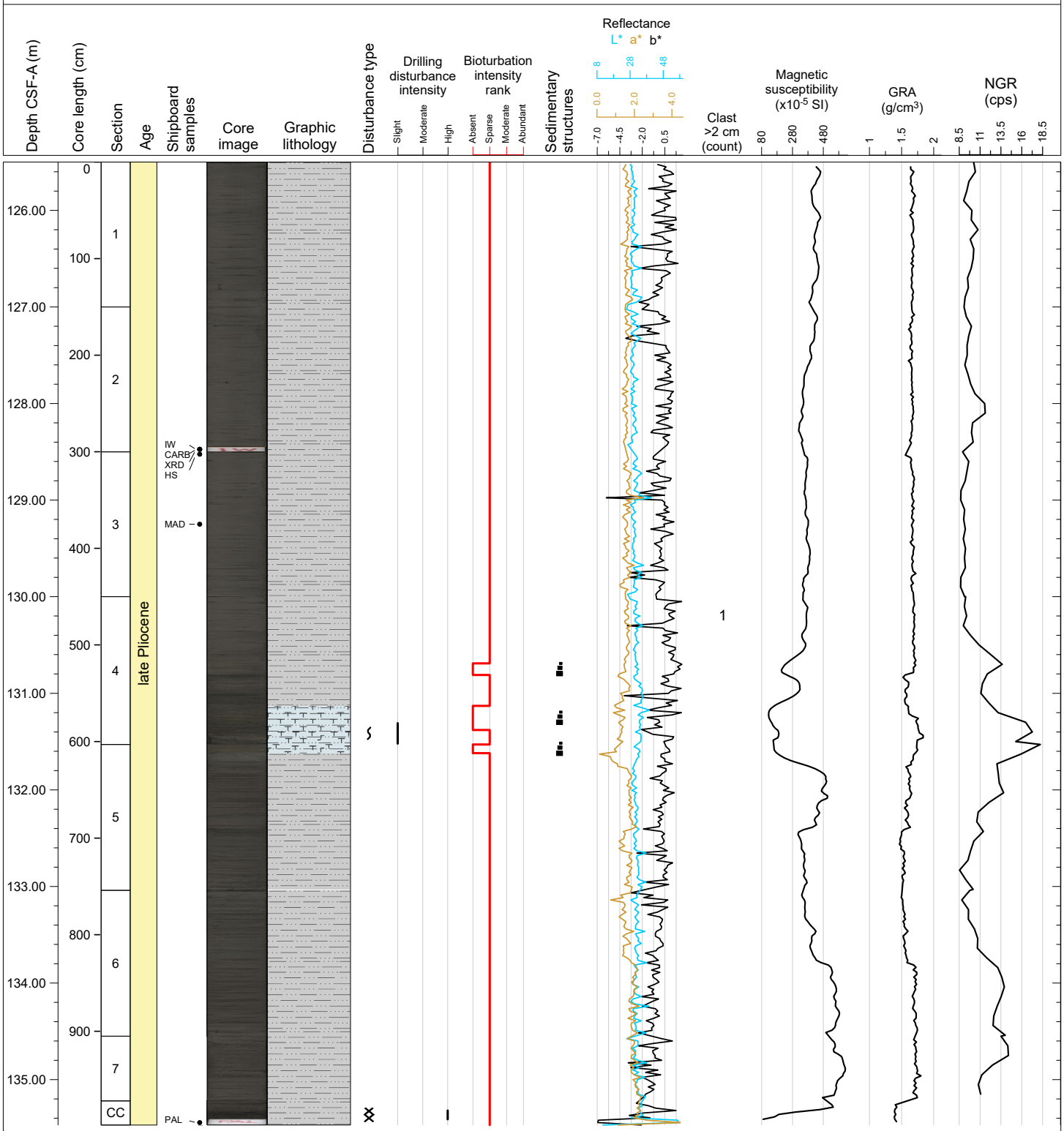
Hole 395C-U1562A Core 14H, Interval 116.0-125.63 m (CSF-A)

This core consists of dominantly dark gray (2.5Y 4/1) CLAYEY SILT or SILTY CLAY with varying amounts of BIOSILICA, NANNOFOSSILS, and FORAMINIFERA. Bioturbation is predominantly sparse throughout the core.



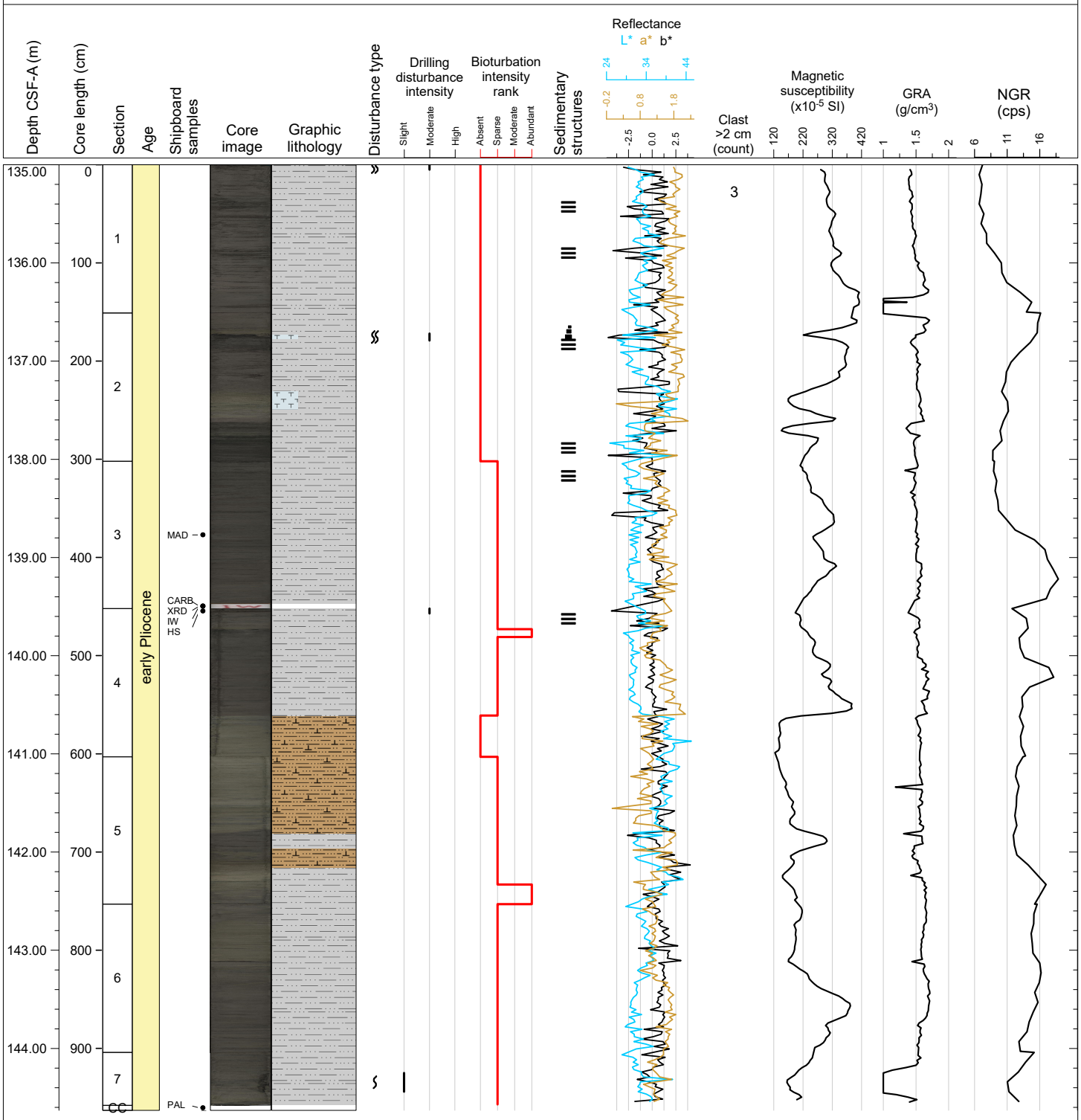
Hole 395C-U1562A Core 15H, Interval 125.5-135.47 m (CSF-A)

This core consists of dominantly dark grayish brown (2.5Y 4/2) and dark gray (2.5Y 4/1) CLAYEY SILT or SILTY CLAY with varying amounts of BIOSILICA and FORAMINIFERA. An olive gray (5Y 4/2) FORAMINIFER OOZE with BIOSILICA is observed in Section 4 at 81-152 cm and in Section 5 at 0-9 cm. Bioturbation is absent to sparse throughout the core.



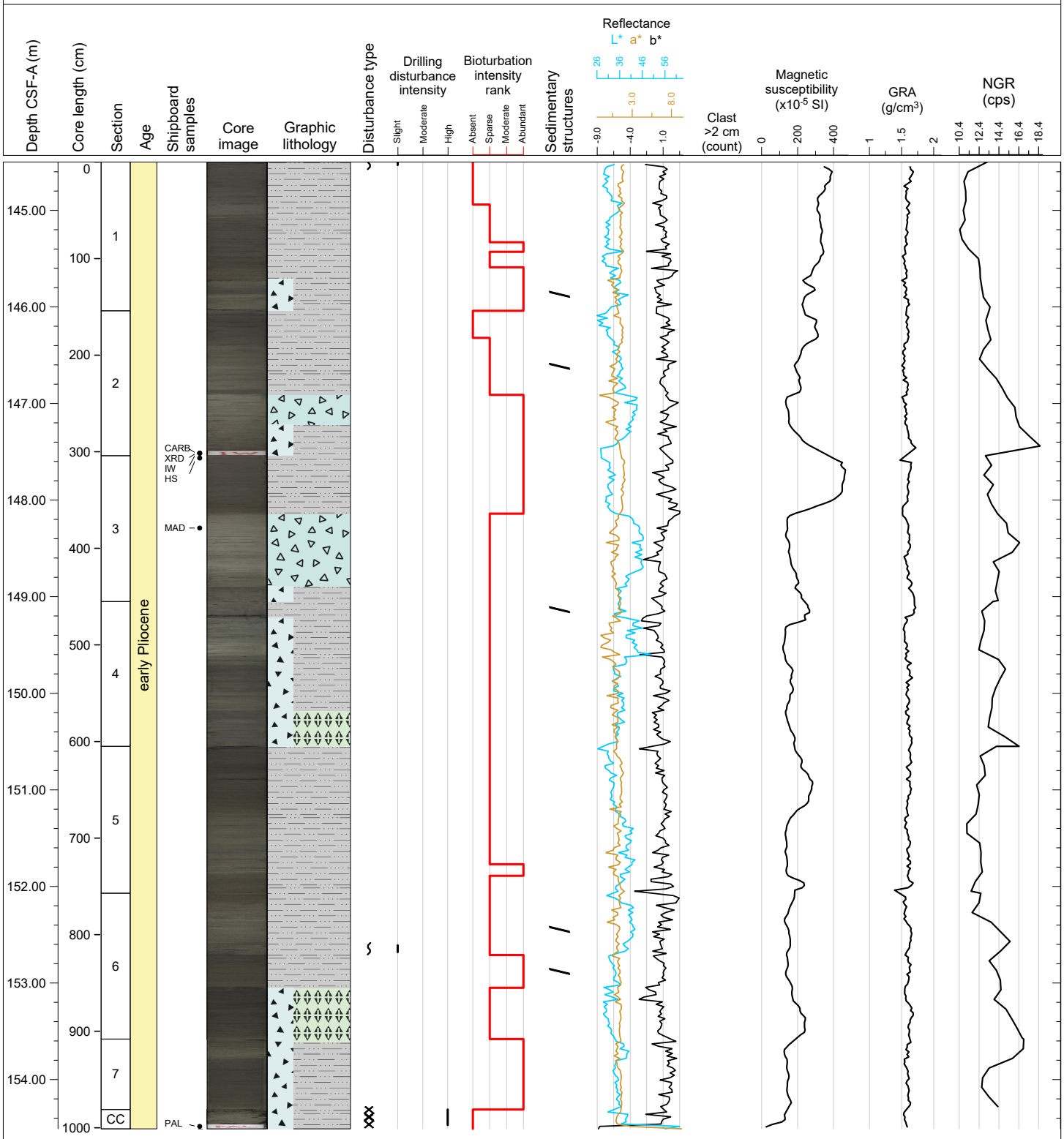
Hole 395C-U1562A Core 16H, Interval 135.0-144.63 m (CSF-A)

This core consists of dominantly gray (2.5Y 5/1), dark gray (2.5Y 4/1) and dark grayish brown (2.5Y 4/2) CLAYEY SILT or SILTY CLAY with varying amounts of FORAMINIFERA. Olive gray (5Y 4/2) laminations are observed in Section 1 at 51-57 cm and at 86-94 cm, in Section 2 at 26-38 cm and 124-151 cm, throughout Section 3, and in Section 4 at 0-21 cm. Bioturbation is predominantly absent to sparse throughout the core.



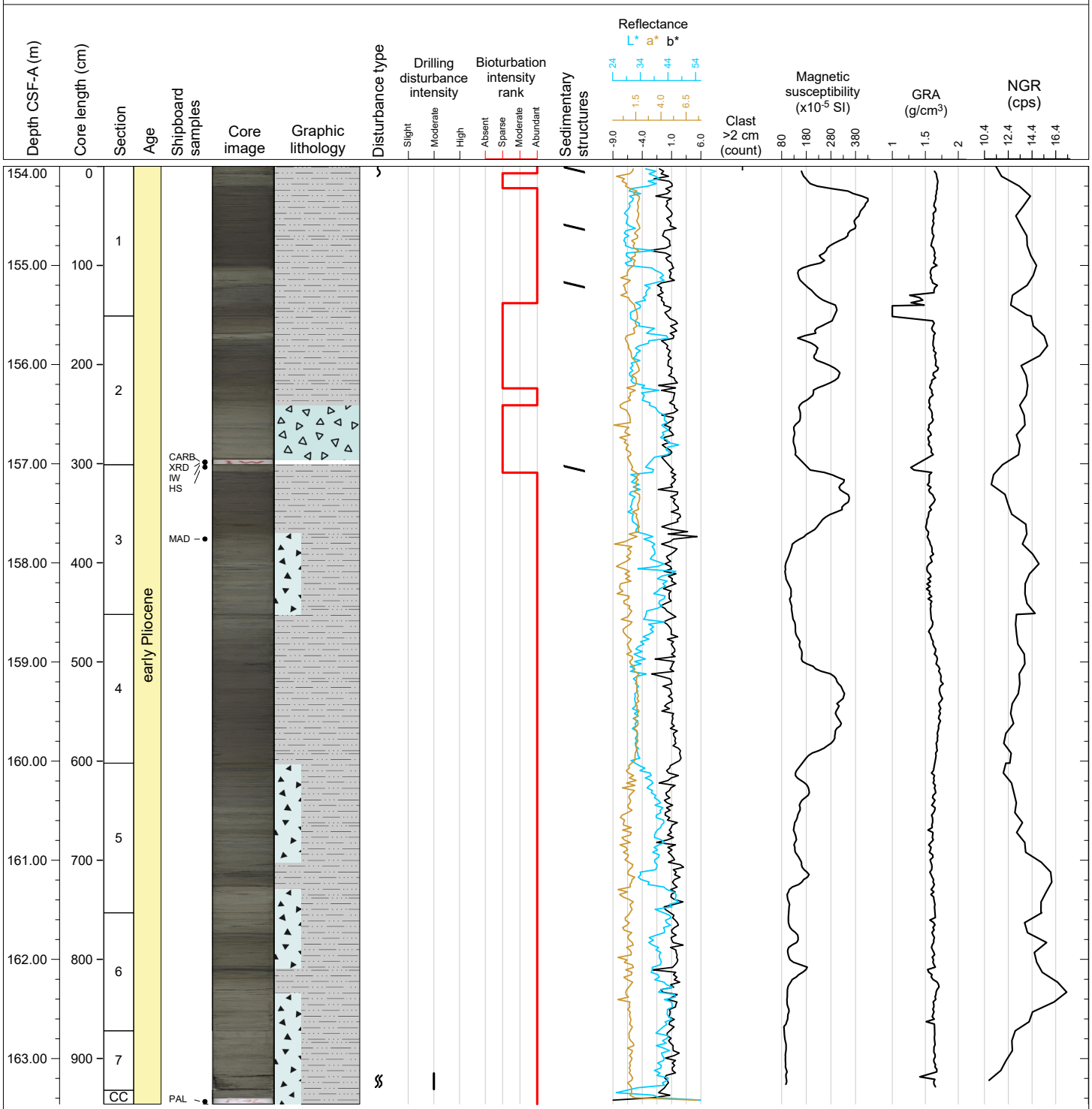
Hole 395C-U1562A Core 17H, Interval 144.5-154.51 m (CSF-A)

This core consists of dominantly dark gray (2.5Y 4/1) to dark grayish brown (2.5Y 4/2) CLAYEY SILT or SILTY CLAY with varying amounts of CARBONATE. CARBONATE BIOSILICEOUS OOZE is observed in Section 4 at 113-150 cm, in Section 6 at 98-150 cm, and in Section 7 at 0-3 cm. Diffuse greenish layers are observed in Section 4 at 17-66 cm and in Section 5 at 122-134 cm. Bioturbation is absent to moderate throughout the core.



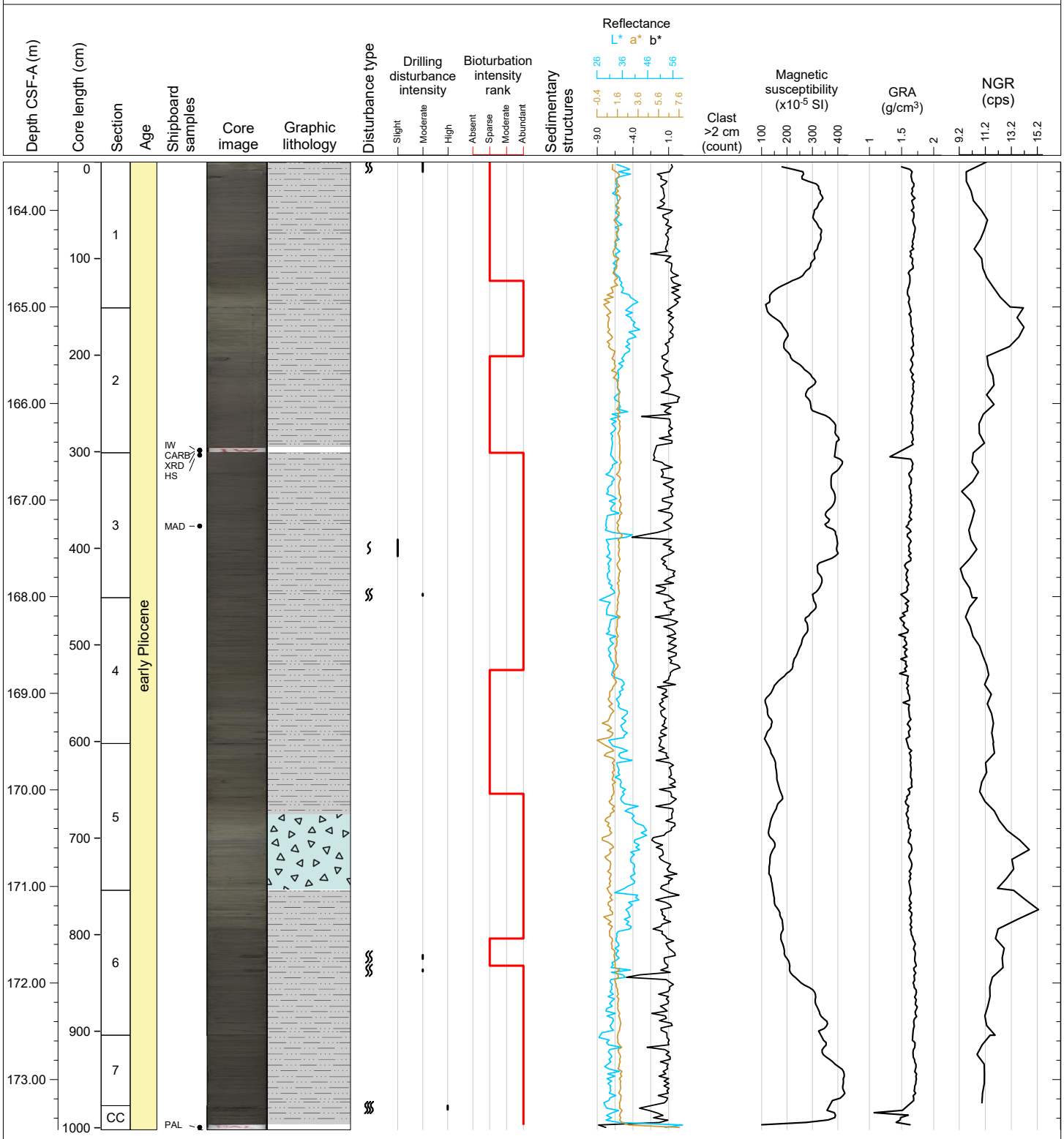
Hole 395C-U1562A Core 18H, Interval 154.0-163.46 m (CSF-A)

This core consists of dominantly grayish brown (2.5Y 5/2) to light grayish brown (2.5Y 6/2) CLAYEY SILT or SILTY CLAY with varying amounts of BIOSILICA, CARBONATE, and SAND. Sharp boundaries are observed in Section 1 at 8 cm, 101 cm, and 138 cm, and in Section 3 at 8 cm. Dark gray layers are observed in Section 2 at 18-19 cm and in Section 6 at 54-56 cm. A clast (> 2 cm) is observed in Section 1 at 20 cm. Bioturbation is sparse to abundant throughout the core.



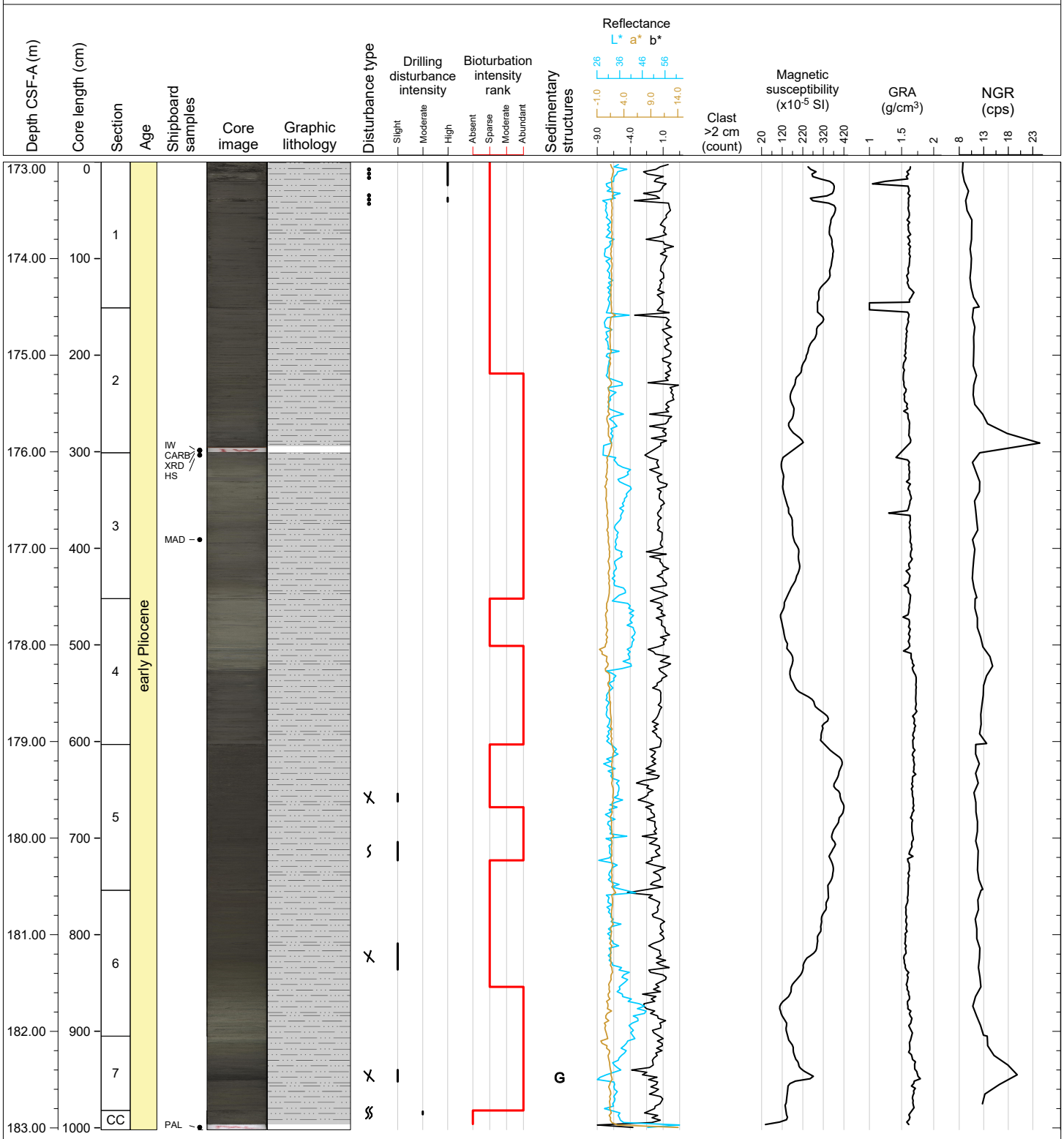
Hole 395C-U1562A Core 19H, Interval 163.5-173.52 m (CSF-A)

This core consists of dominantly light olive gray (5Y 6/2) CLAYEY SILT or SILTY CLAY, intercalated with light gray (5Y 7/1) CARBONATE OOZE with CLAYEY SILT or SILTY CLAY and SAND in Section 5 and light olive gray (5Y 6/2) CLAYEY SILT or SILTY CLAY with BIOSILICA AND SAND in Sections 2 and 6. Bioturbation is sparse to moderate, and the core is well preserved.



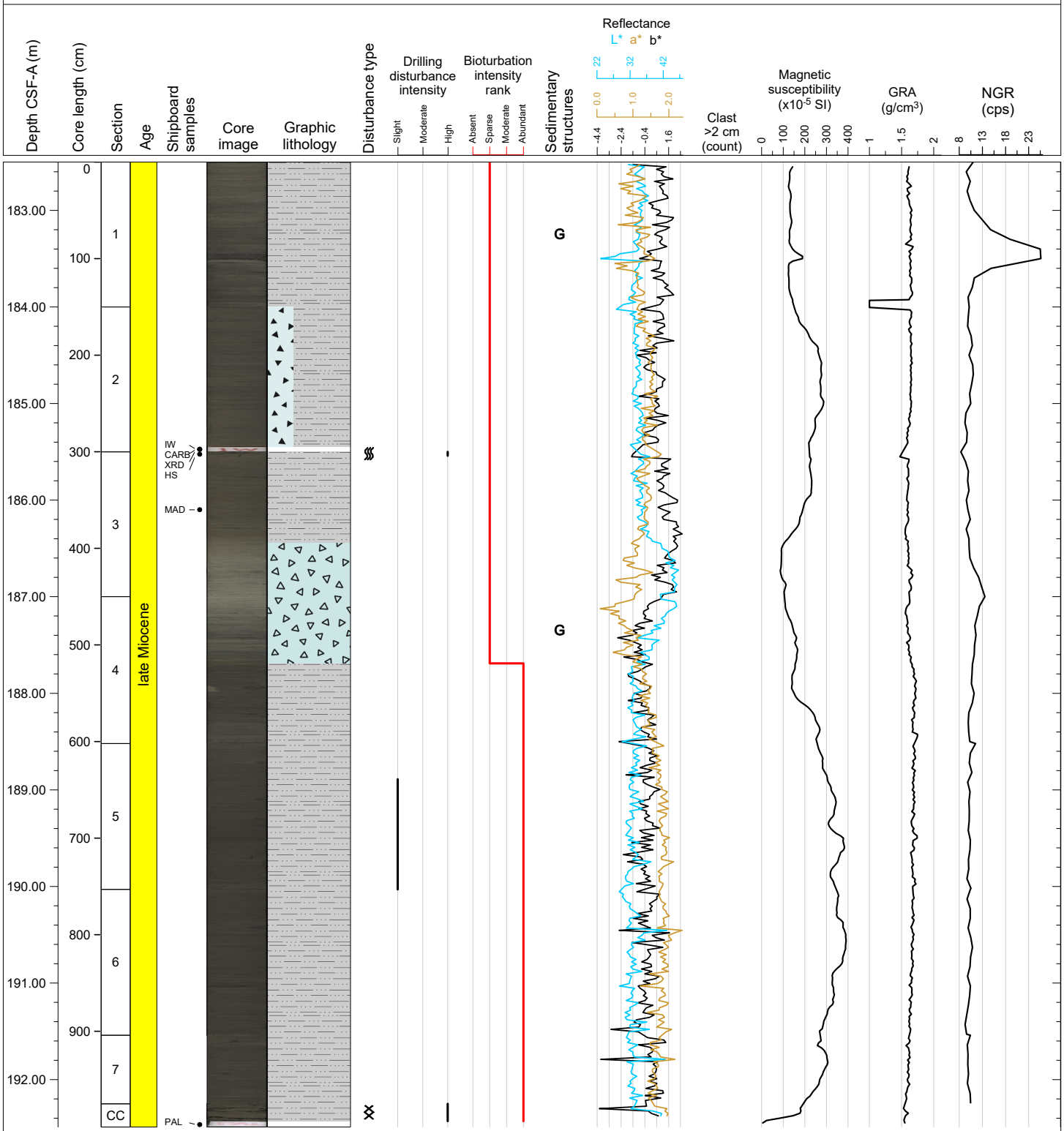
Hole 395C-U1562A Core 20H, Interval 173.0-183.02 m (CSF-A)

This core consists of dominantly olive gray (5Y 5/2) CLAYEY SILT or SILTY CLAY, intercalated with light gray (5Y 7/2) CLAYEY SILT or SILTY CLAY with CARBONATE in Sections 4, 6 and 7 and olive gray (5Y 5/2) CLAYEY SILT or SILTY CLAY with FORAMINIFERA in Sections 4 and 6. Bioturbation is absent to moderate and the core is well preserved. A dark layer at 34 cm is present in Section 7.



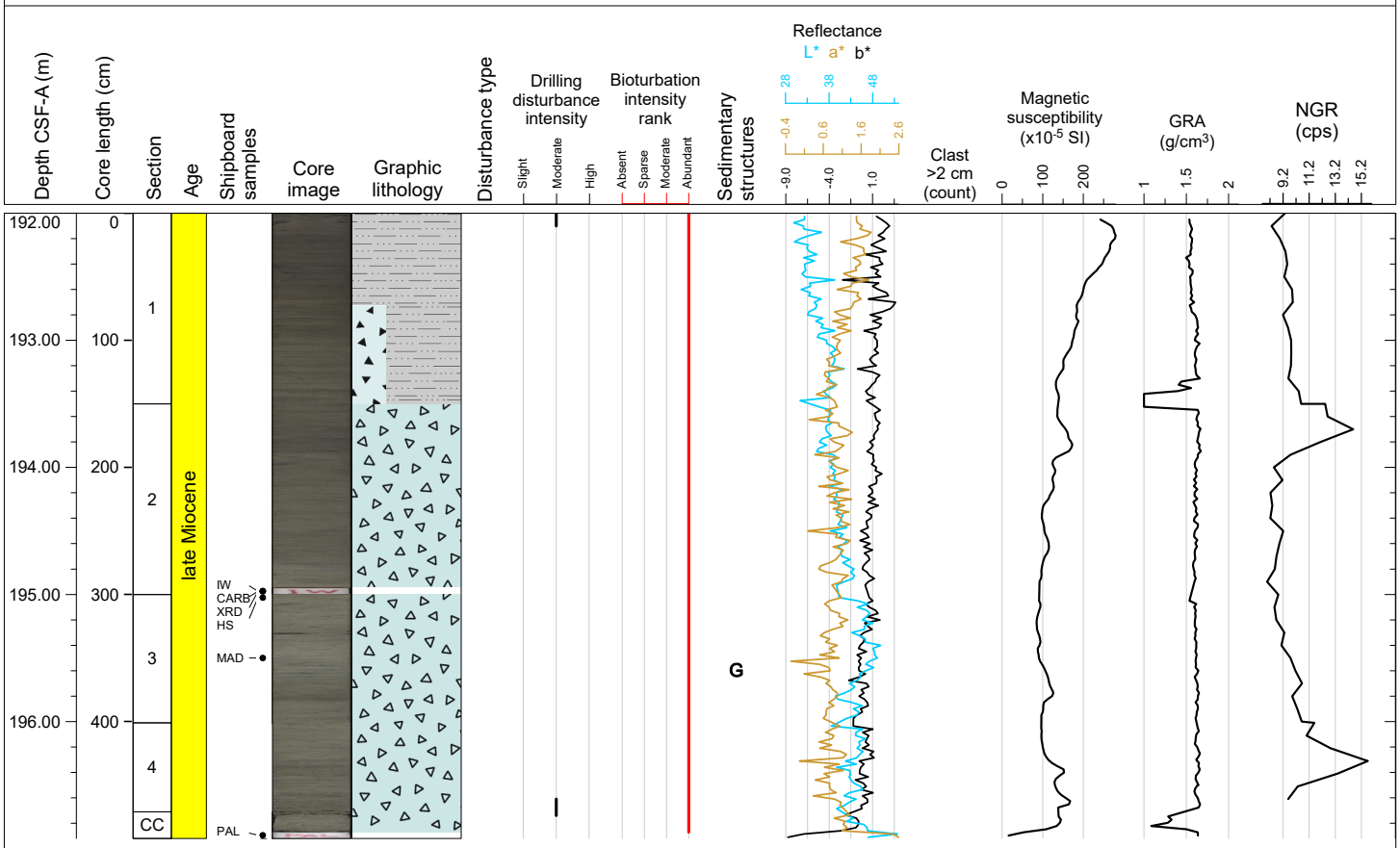
Hole 395C-U1562A Core 21H, Interval 182.5-192.49 m (CSF-A)

This core consists of dominantly light brownish gray (10YR 6/2) CLAYEY SILT or SILTY CLAY, intercalated with light gray (5Y 7/2) CARBONATE with CLAYEY SILT or SILTY CLAY in Sections 3, 4, and 6 and with olive gray (5Y 5/2) CLAYEY SILT or SILTY CLAY with CARBONATE in Section 1. Bioturbation is generally sparse to moderate. Dark gray layers are present at 94 cm in Sections 1 and at 39 cm in Section 4.



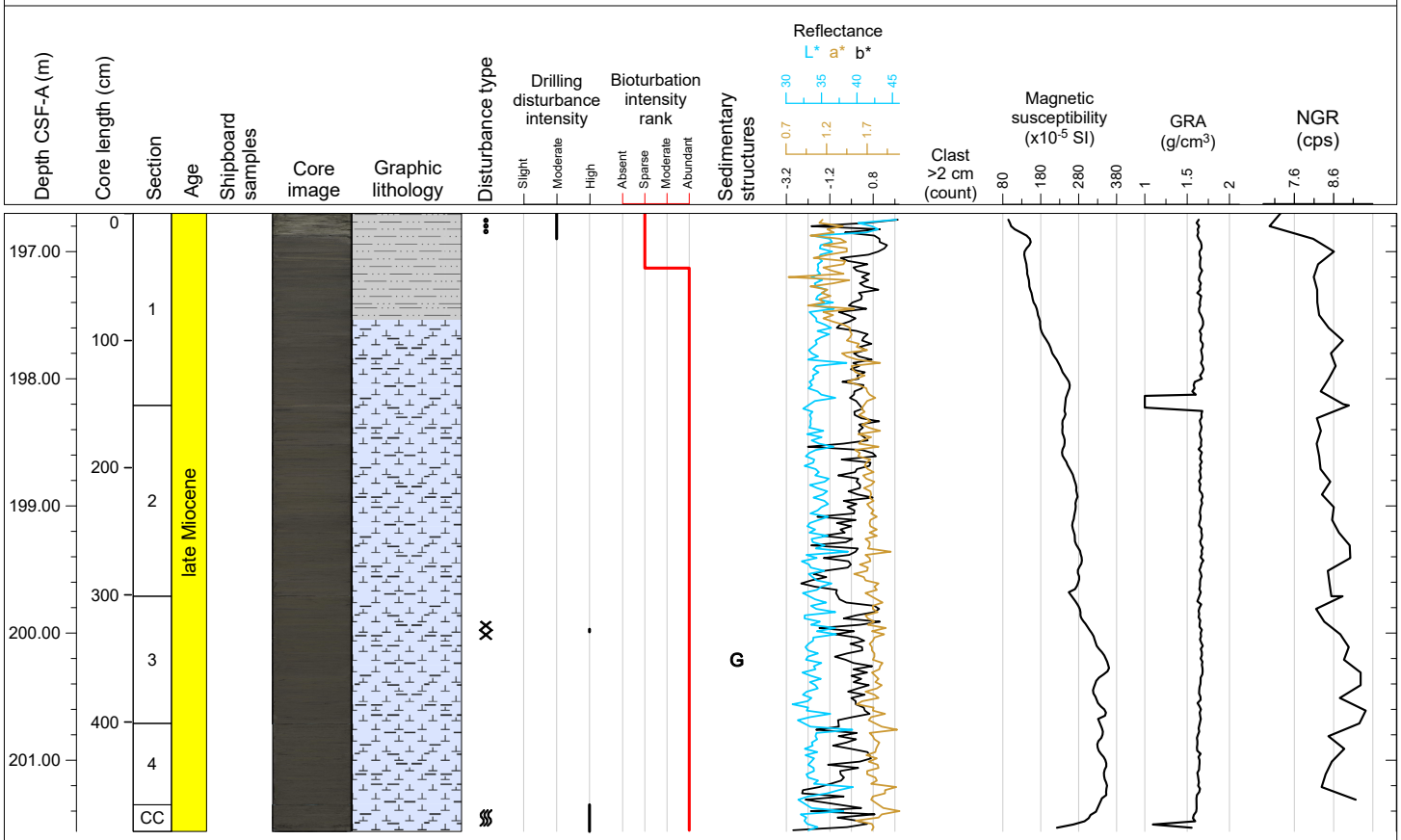
Hole 395C-U1562A Core 22F, Interval 192.0-196.92 m (CSF-A)

This core consists of dominantly light gray (5Y 7/2) SILTY CARBONATE with CLAY, intercalated with light olive gray (5Y 6/2) CARBONATE CLAYEY SILT or SILTY CLAY in Section 1. Bioturbation is moderate, and the core is well preserved. A glass layer is present at 31 cm in Section 3.



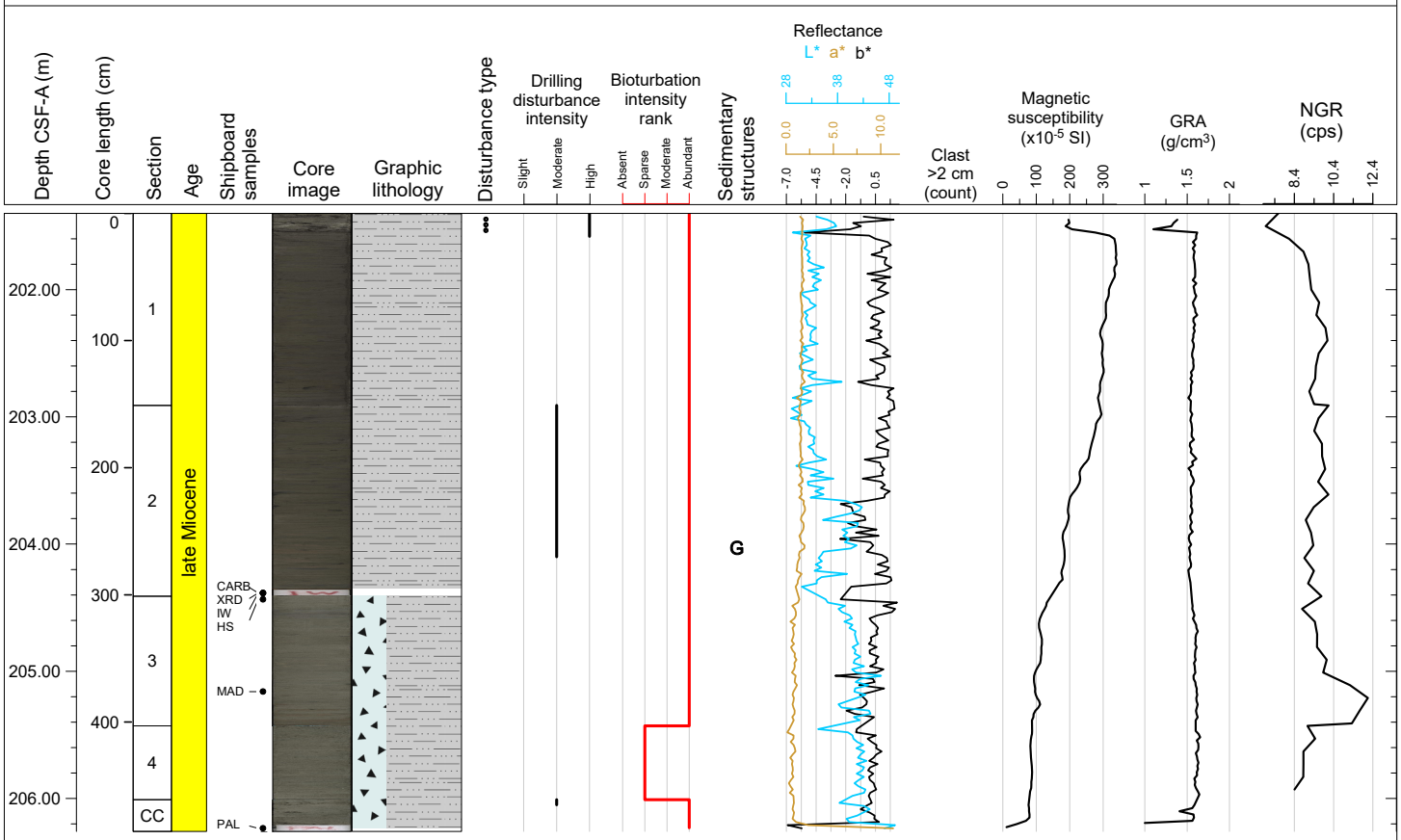
Hole 395C-U1562A Core 23F, Interval 196.7-201.56 m (CSF-A)

This core consists of dominantly gray (2.5Y 6/1) NANNOFOSSIL OOZE with BIOSILICA, SILT and CLAY. Bioturbation is sparse to moderate, and the core is well preserved. Dark gray layer is present at 36 cm in Section 3.



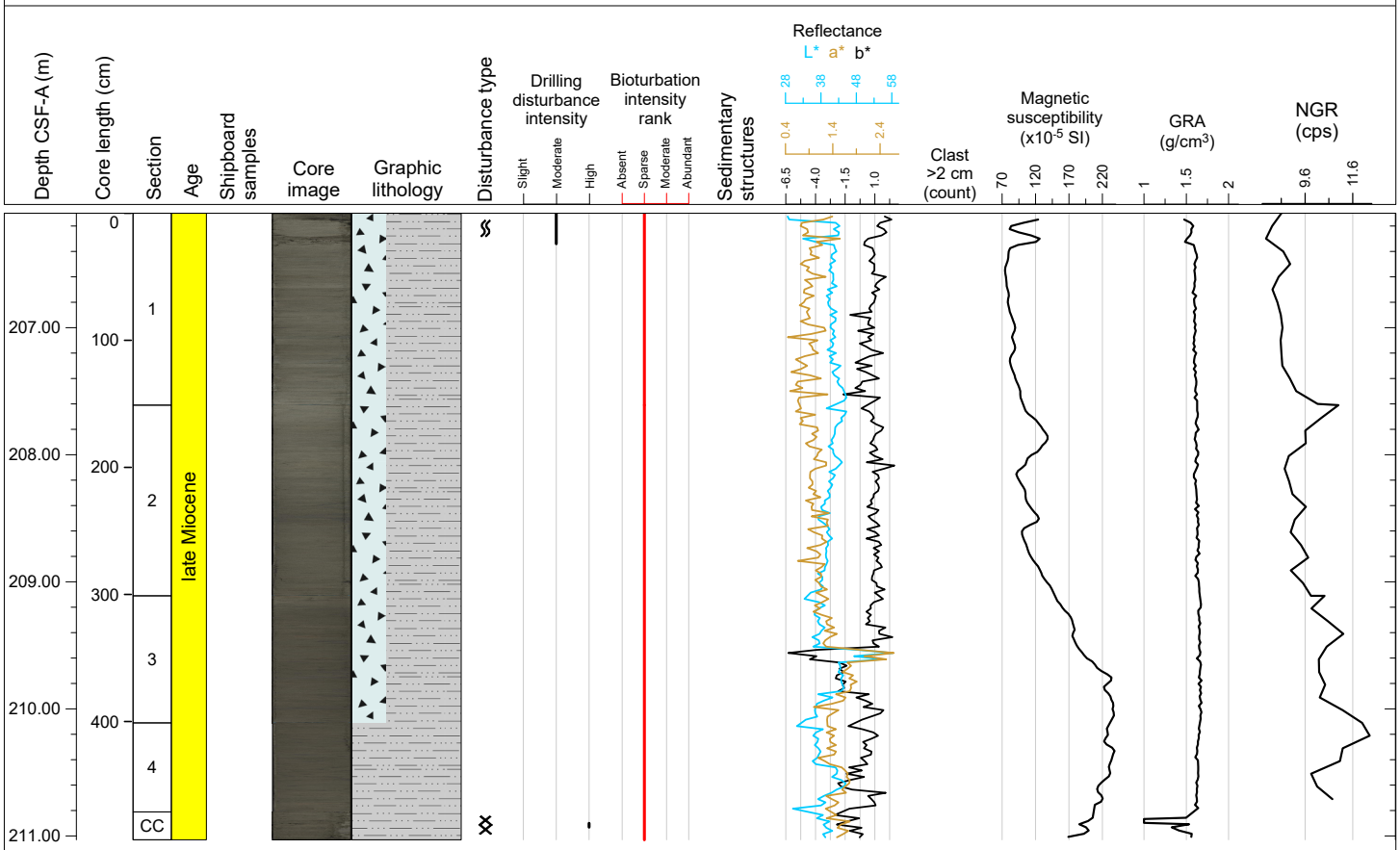
Hole 395C-U1562A Core 24F, Interval 201.4-206.26 m (CSF-A)

This core consists of dominantly light gray (2.5Y 7/2) CARBONATE CLAYEY SILT or SILTY CLAY and light olive gray (5Y 6/2) to light brownish gray (10YR 6/2) CLAYEY SILT or SILTY CLAY, with sparse to moderate bioturbation. A dark gray layer at 60 cm is observed in Section 2.



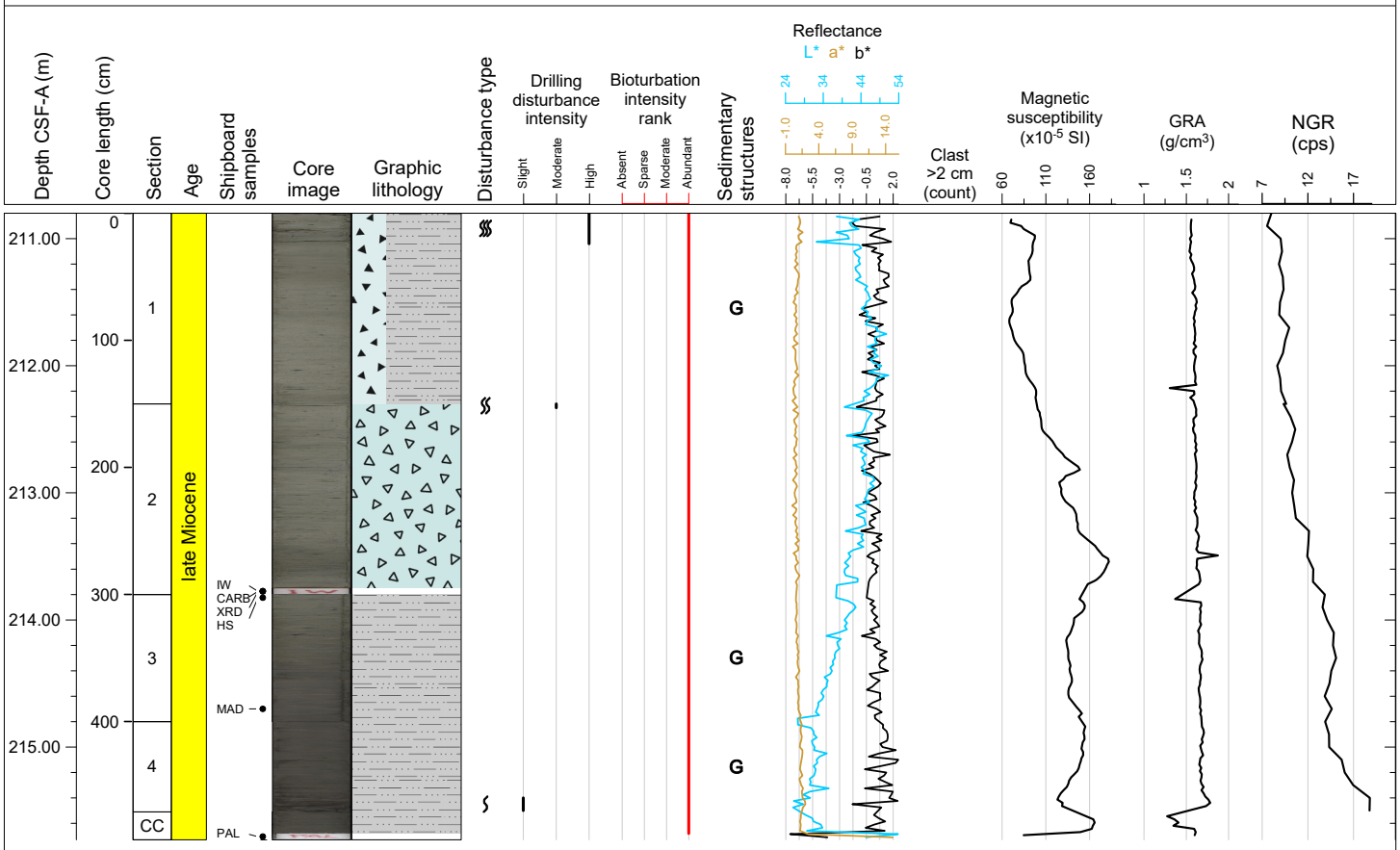
Hole 395C-U1562A Core 25F, Interval 206.1-211.03 m (CSF-A)

This core consists of dominantly light gray (2.5Y 7/2) CARBONATE CLAYEY SILT or SILTY CLAY and light olive gray (2.5Y 6/2) CLAYEY SILT or SILTY CLAY with CARBONATE. Bioturbation is sparse and the core is well preserved.



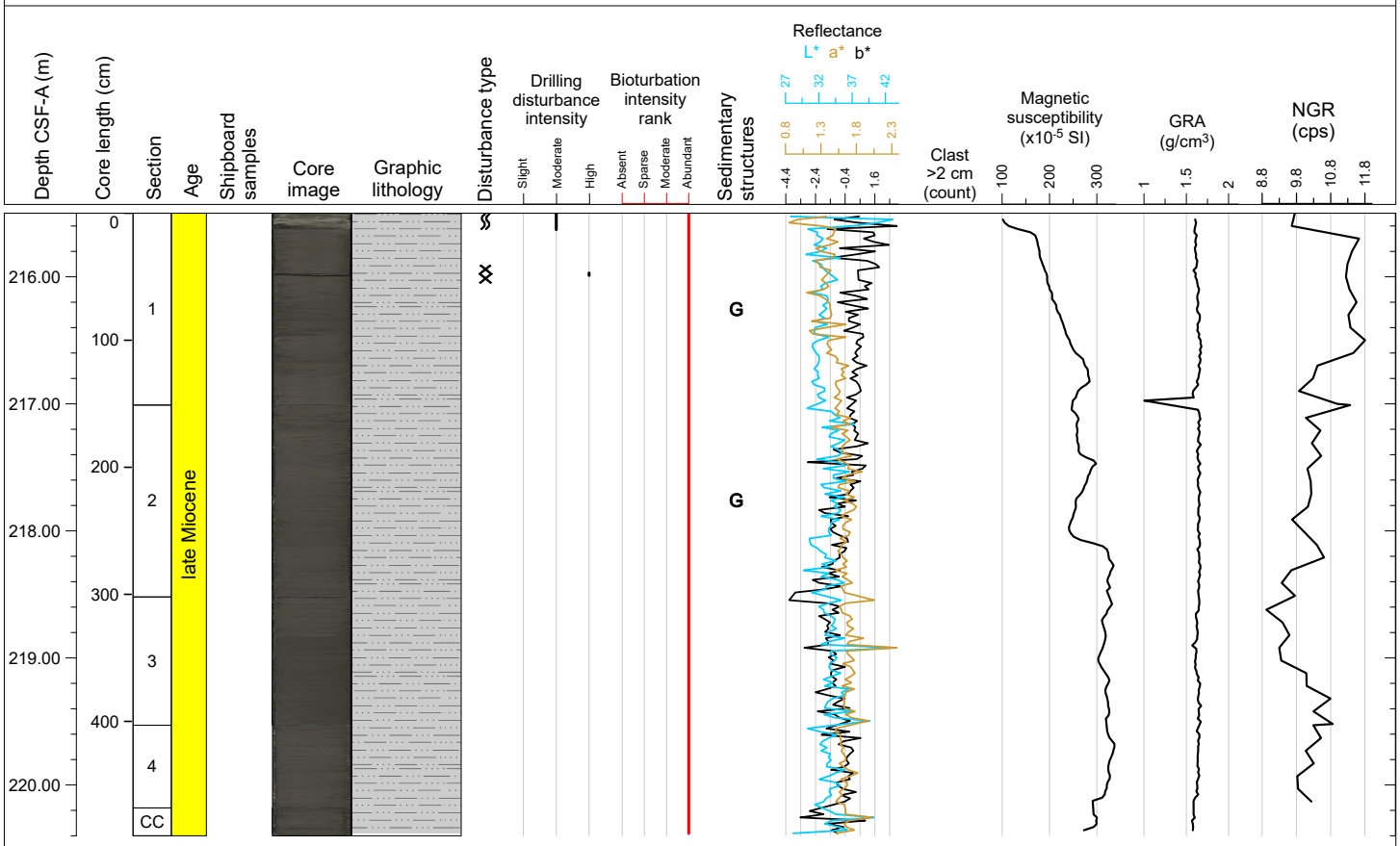
Hole 395C-U1562A Core 26F, Interval 210.8-215.73 m (CSF-A)

This core consists of grayish brown (2.5Y 5/2) CLAYEY SILT or SILTY CLAY with CARBONATE, CARBONATE CLAYEY SILT or SILTY CLAY, and CARBONATE OOZE. Bioturbation is moderate and dark gray layers are present throughout Sections 1 and 3, and at 30 cm and 62 cm in Section 4.



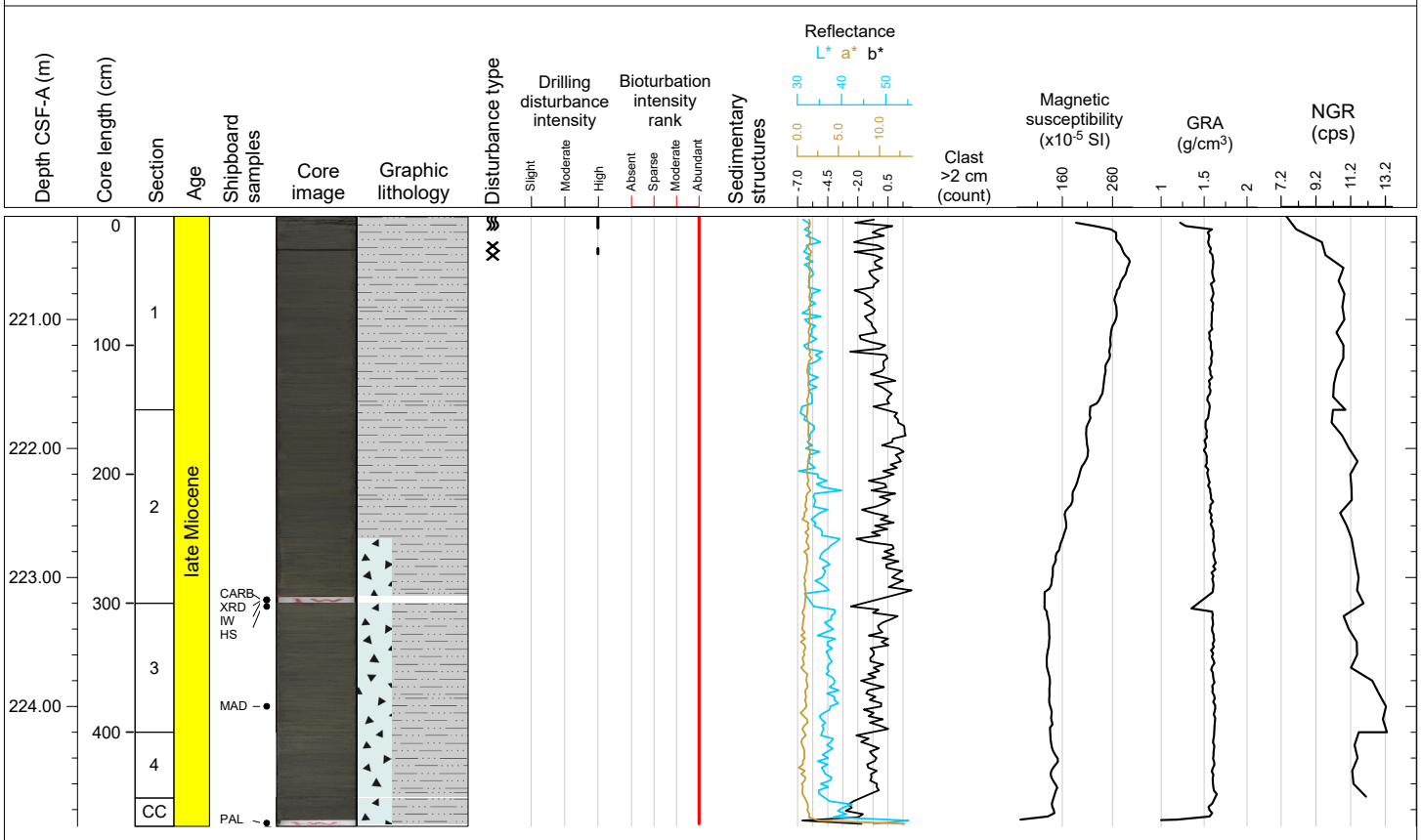
Hole 395C-U1562A Core 27F, Interval 215.5-220.4 m (CSF-A)

This core consists of dominantly light brownish gray (2.5Y 6/2) CLAYEY SILT or SILTY CLAY with CARBONATE. Bioturbation is moderate, and dark gray layers are present throughout the Sections 1 and 2.



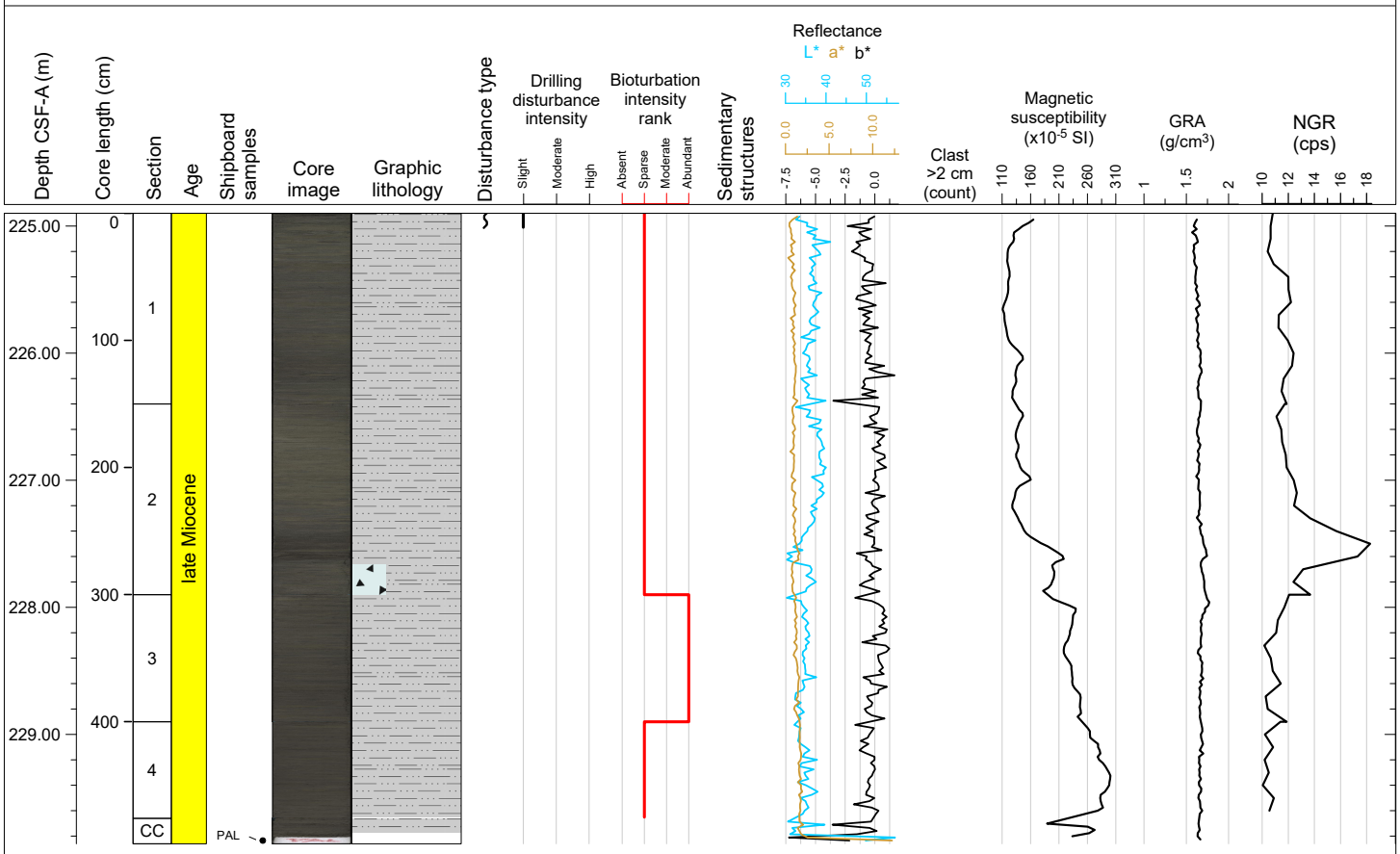
Hole 395C-U1562A Core 28F, Interval 220.2-224.93 m (CSF-A)

This core consists of light gray carbonate (5Y 7/2) CLAYEY SILT or SILTY CLAY and light olive gray (5Y 6/2) CLAYEY SILT or SILTY CLAY with CARBONATE. Bioturbation is moderate, and the core is well preserved.



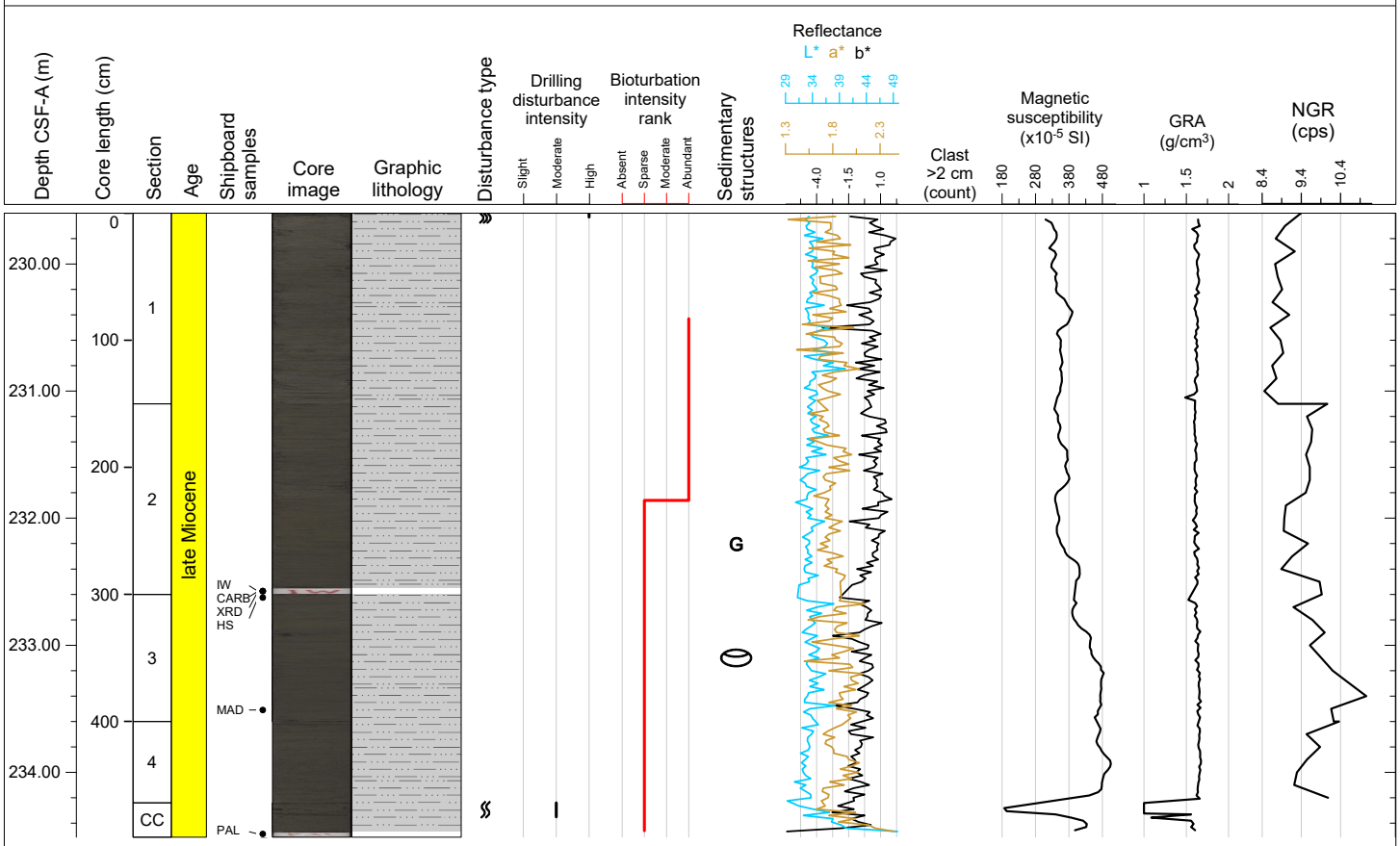
Hole 395C-U1562A Core 29F, Interval 224.9-229.86 m (CSF-A)

This core consists of dominantly dark grayish brown (2.5Y 4/2) to grayish brown (2.5Y 5/3) CLAYEY SILT or SILTY CLAY with varying amounts of CARBONATE. Bioturbation is sparse to moderate throughout the core.



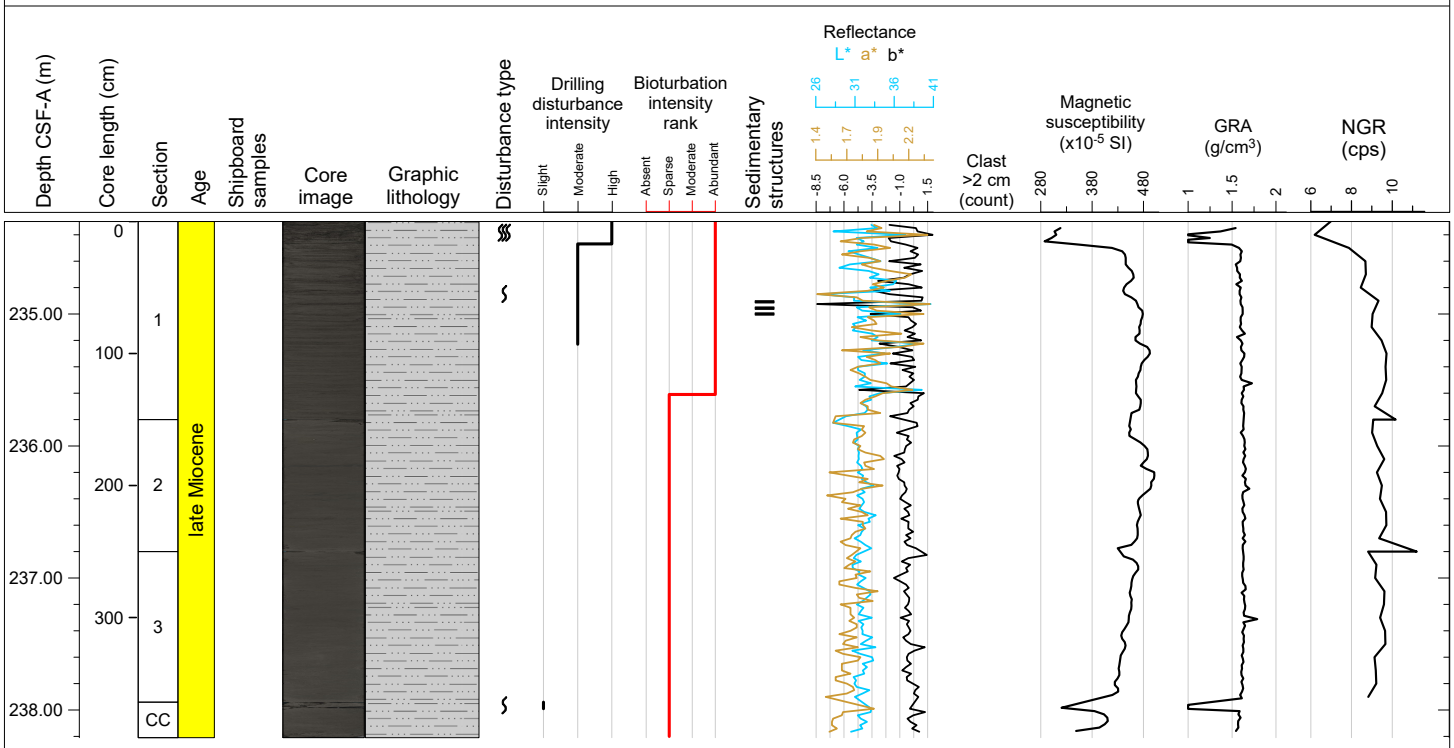
Hole 395C-U1562A Core 30F, Interval 229.6-234.51 m (CSF-A)

This core consists of dark grayish brown (2.5Y 4/2) CLAYEY SILT or SILTY CLAY with CARBONATE. A glass layer is present in Section 2 at 113-120 cm. Bioturbation is sparse to abundant throughout the core.



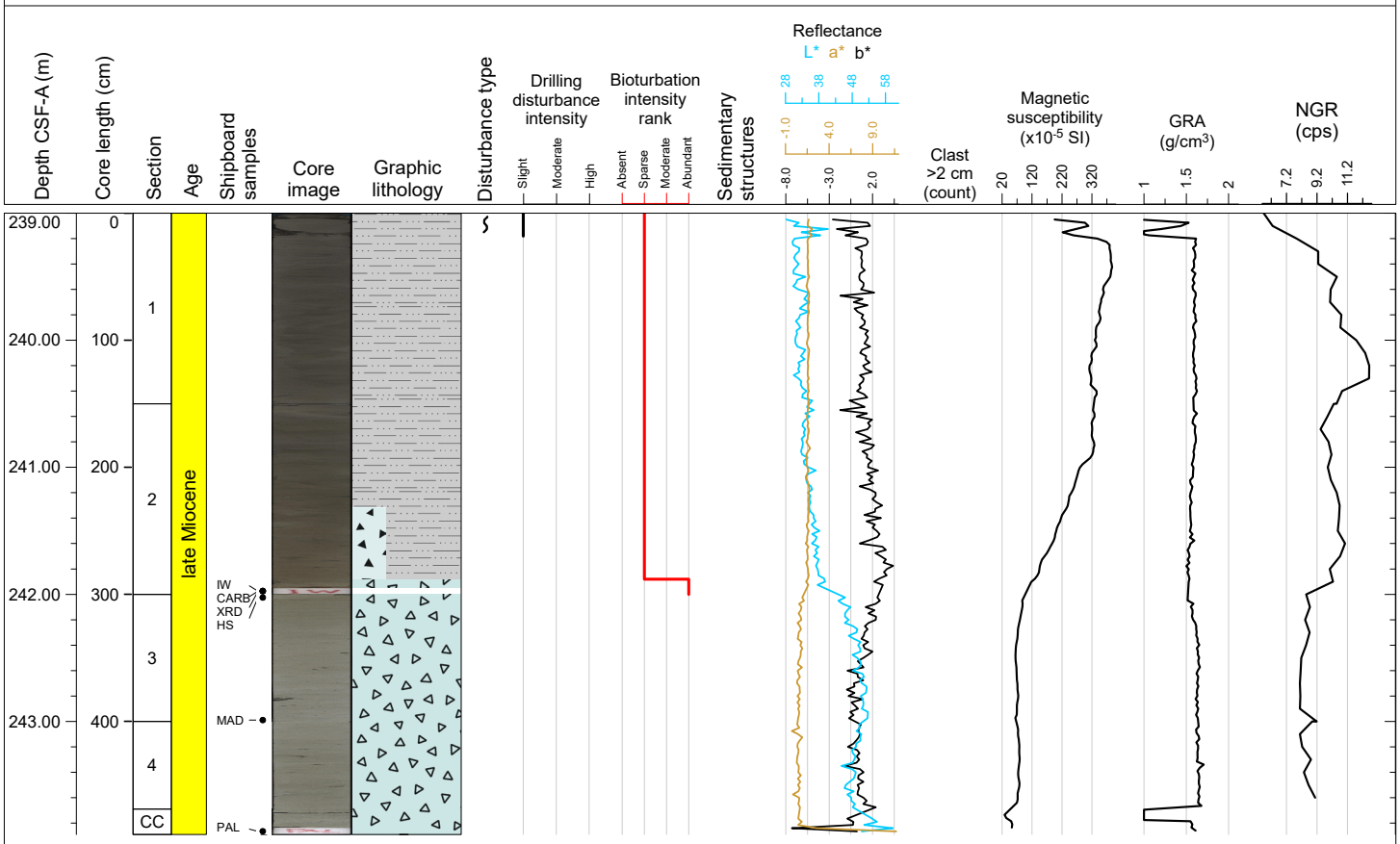
Hole 395C-U1562A Core 31F, Interval 234.3-238.21 m (CSF-A)

This core consists of dark grayish brown (2.5Y 4/2) CLAYEY SILT or SILTY CLAY. Bioturbation is sparse to moderate throughout the core.



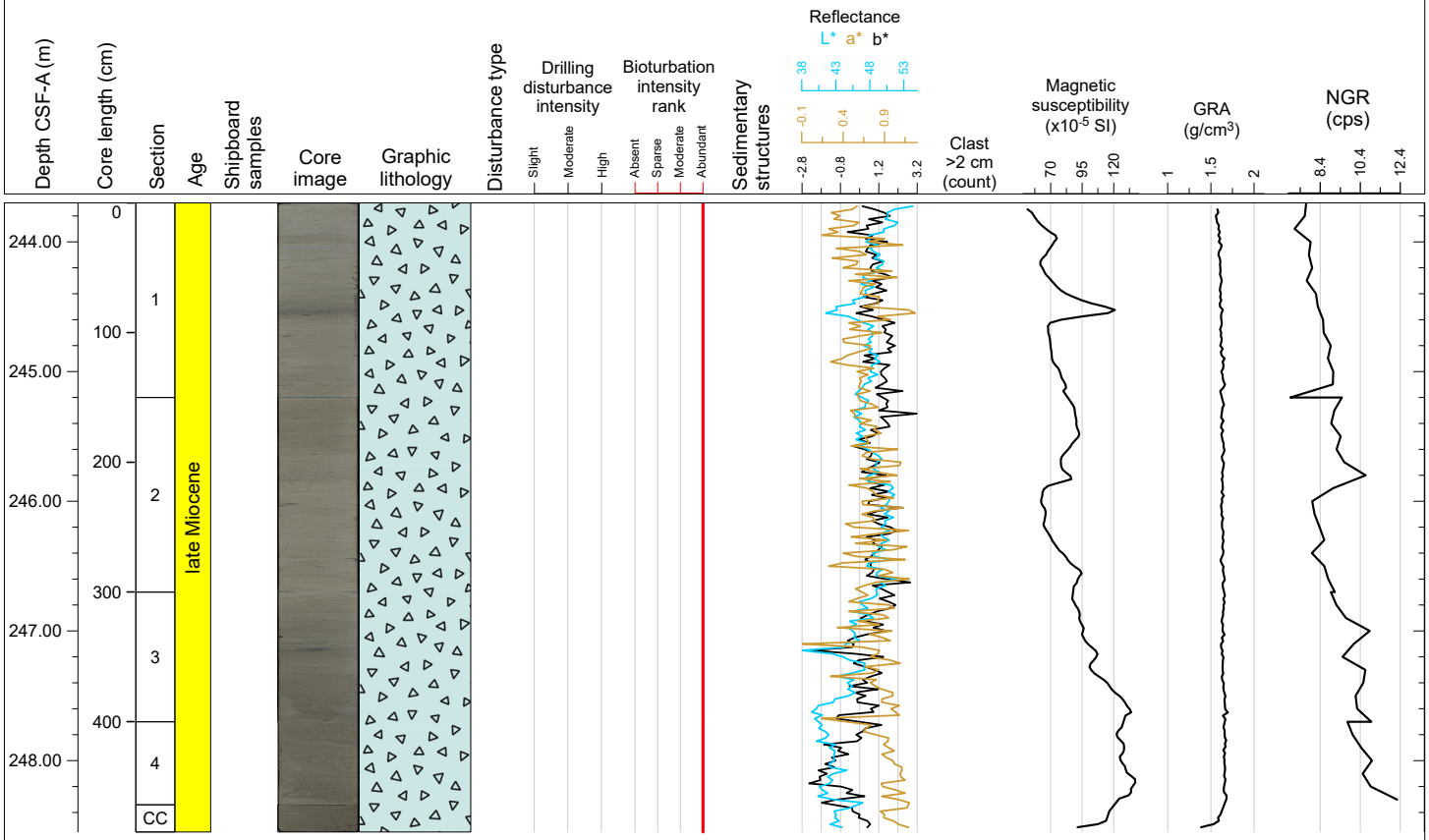
Hole 395C-U1562A Core 32F, Interval 239.0-243.89 m (CSF-A)

This core consists of dominantly light brownish gray (2.5Y 6/2) CARBONATE OOZE and dark grayish brown (2.5Y 4/2) CLAYEY SILT or SILTY CLAY with CARBONATE. Bioturbation is sparse to abundant throughout the core.



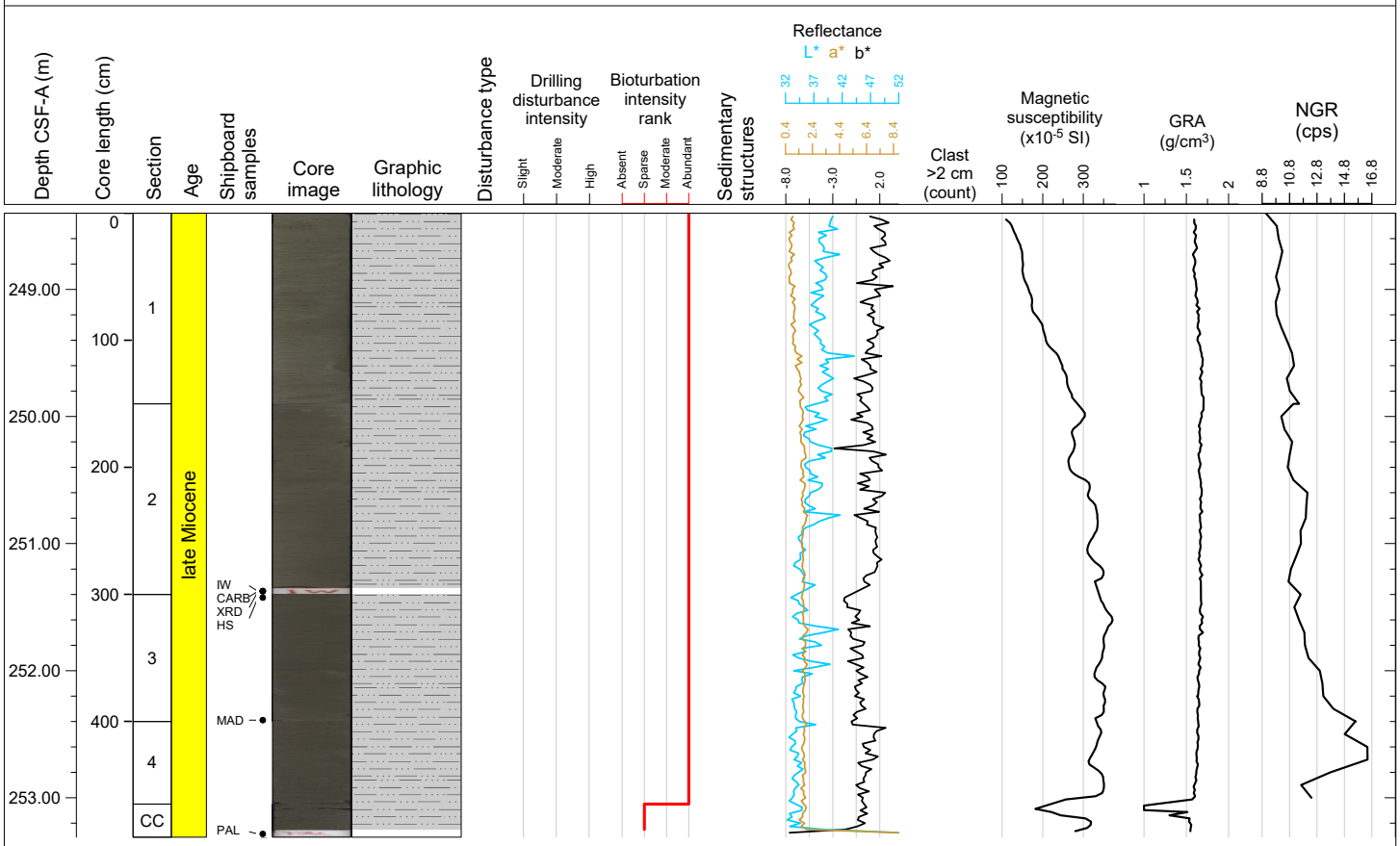
Hole 395C-U1562A Core 33F, Interval 243.7-248.55 m (CSF-A)

This core consists of light gray (2.5Y 7/2) to light brownish gray (2.5Y 6/2) CARBONATE OOZE with CLAYEY SILT or SILTY CLAY. Bioturbation is moderate throughout the core.



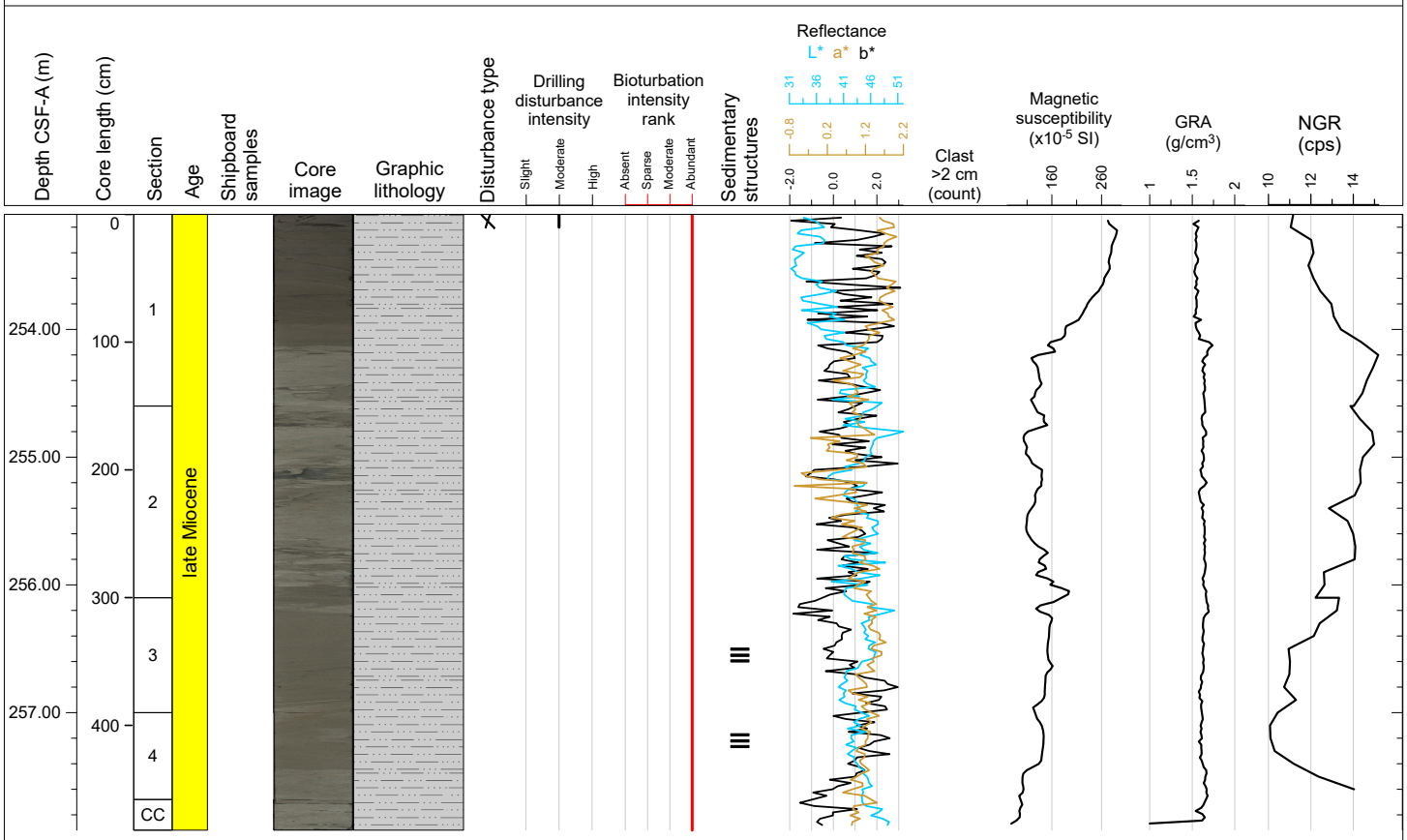
Hole 395C-U1562A Core 34F, Interval 248.4-253.31 m (CSF-A)

This core consists of dominantly dark grayish brown (2.5Y4/2) to grayish brown (2.5Y5/2) CLAYEY SILT or SILTY CLAY with CARBONATE. Possible scoria clasts are observed. Bioturbation is moderate throughout the core, except at the base (sparse).



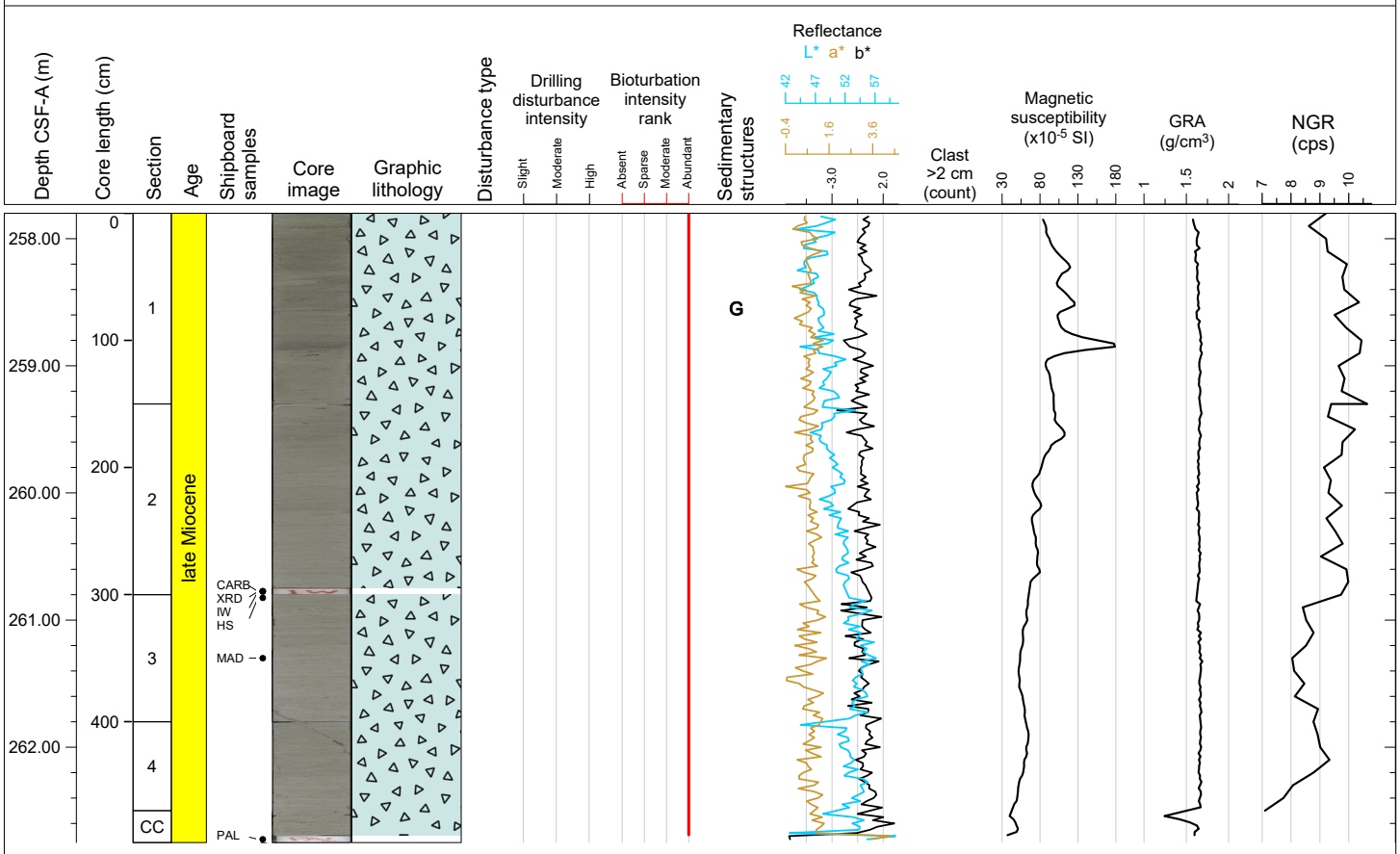
Hole 395C-U1562A Core 35F, Interval 253.1-257.92 m (CSF-A)

This core consists of dominantly dark grayish brown (2.5Y 4/2), grayish brown (2.5Y 5/2) to light brownish gray (2.5Y 6/2) CLAYEY SILT or SILTY CLAY with CARBONATE. Soft sediment deformation is observed in the bottom of Section 1 (104-150 cm), and throughout Section 2. A bed of SAND is observed between 100 to 104 cm. Several bands of soft sediment deformation are observed at 104-114 cm and 134-148 cm in section 1; at 7-11 cm, 48-59 cm, 106-120 cm, and 130-142 cm of Section 2; and 4-14 cm of Section 3. Oriented laminations are observed in 50-60 cm (~30 degrees) and 70-90 cm (~30 degrees), also in Section 3. In Section 4, oriented laminations are observed at 6-21 cm (~60 degrees) and 39-44 cm. Bioturbation is moderate throughout the core.



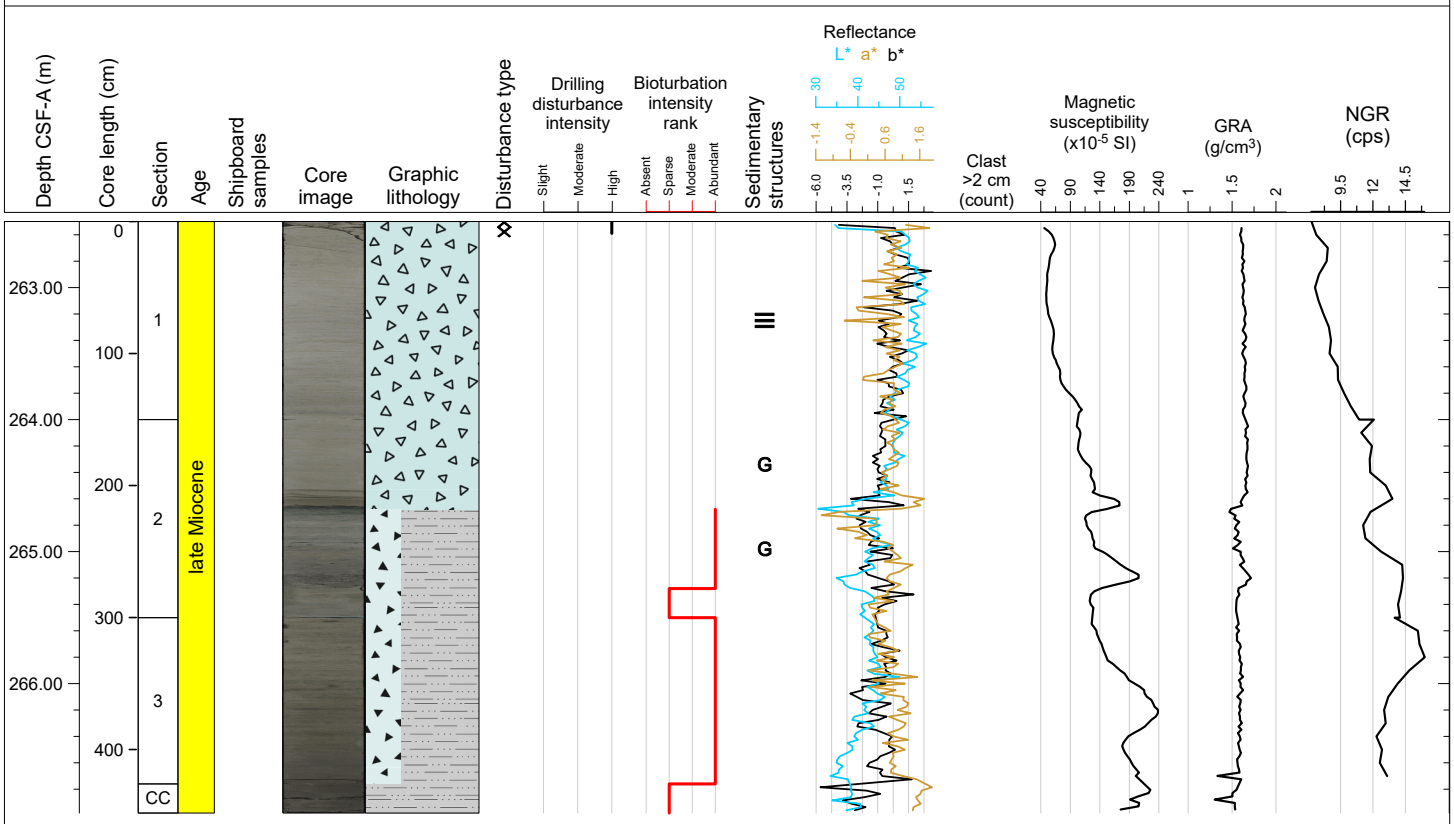
Hole 395C-U1562A Core 36F, Interval 257.8-262.75 m (CSF-A)

This core consists of dominantly light brownish gray (2.5Y 6/2 and 2.5Y 6/3) CARBONATE OOZE with CLAYEY SILT or SILTY CLAY. A bed of sand, dominantly composed of glassy shards (dark gray) is observed at 104-107cm in Section 1. Bioturbation is moderate throughout the core.



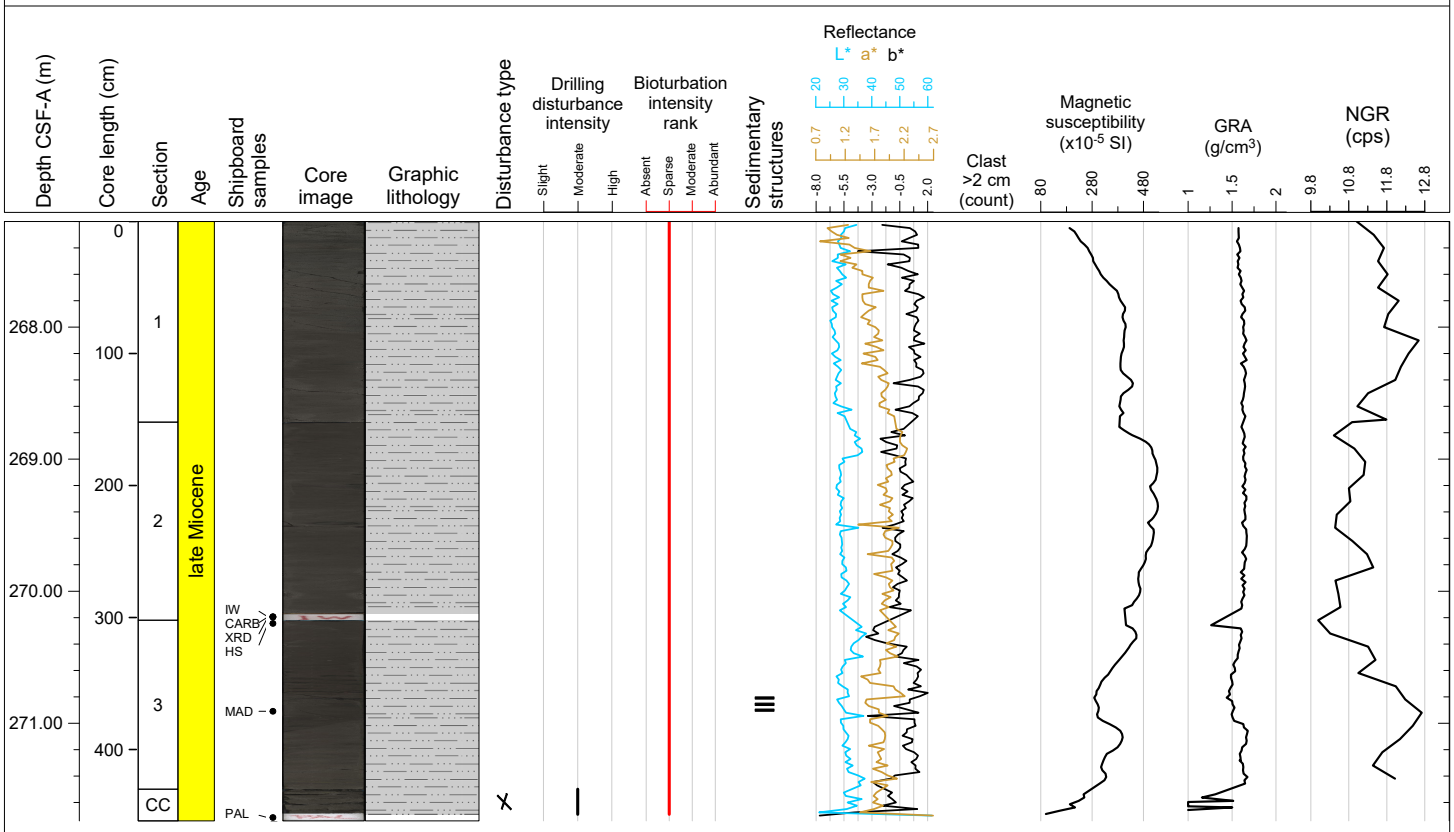
Hole 395C-U1562A Core 37F, Interval 262.5-266.98 m (CSF-A)

This core consists of light brownish gray (2.5Y6/2) CARBONATE OOZE, grayish brown (2.5Y5/2) to light brownish gray (2.5Y6/2) CARBONATE CLAYEY SILT or SILTY CLAY, and dark grayish brown (2.5Y4/2) CLAYEY SILT or SILTY CLAY with CARBONATE. Dark gray lamina oriented 45 degrees are observed between 17-26 cm in Section 1. A bed of sand, dominantly composed of glassy shards is observed between 66-68 cm in Section 2. Small glassy shards (< 2 mm) are observed with 7 glassy clasts (> 2 mm) between 115-128 cm of Section 2. Bioturbation is sparse to abundant.



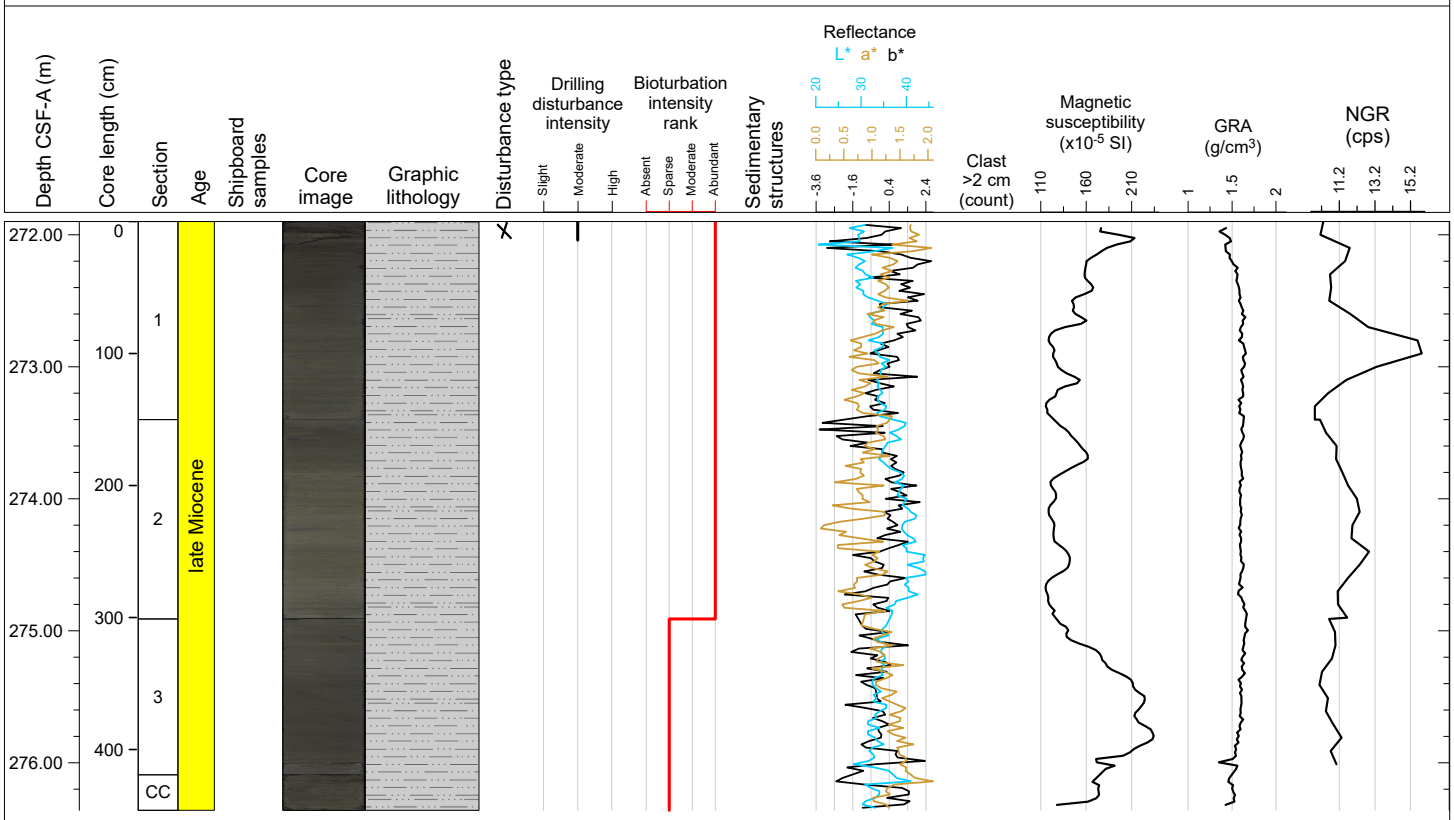
Hole 395C-U1562A Core 38F, Interval 267.2-271.74 m (CSF-A)

This core consists of very dark grayish brown (2.5Y3/2) CLAYEY SILT or SILTY CLAY with CARBONATE. Shell fragments are present, though infrequent, throughout the core. A black oval shaped alteration is observed at 76-78 cm in Section 2. Black particles, possibly scoria beds, are observed in 54 and 59 cm of Section 3. Bioturbation is sparse throughout the core.



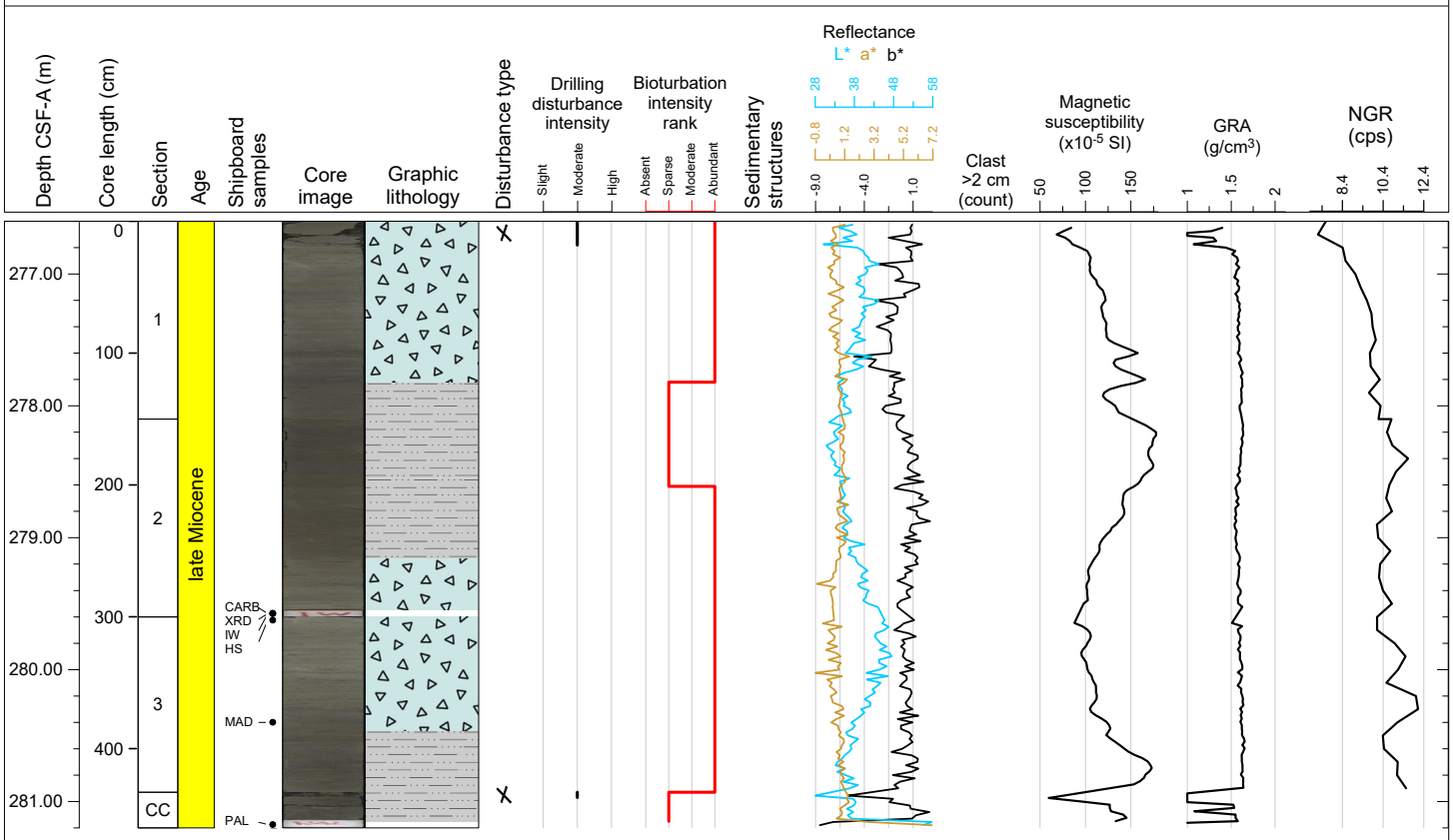
Hole 395C-U1562A Core 39F, Interval 271.9-276.36 m (CSF-A)

This core consists of dominantly grayish brown (2.5Y 5/2), dark grayish brown (2.5Y 4/2) to very dark grayish brown (2.5Y 3/2) CLAYEY SILT or SILTY CLAY with CARBONATE. Color is changing gradually. Bioturbation is moderate throughout the core except Section 3 and CC (sparse).



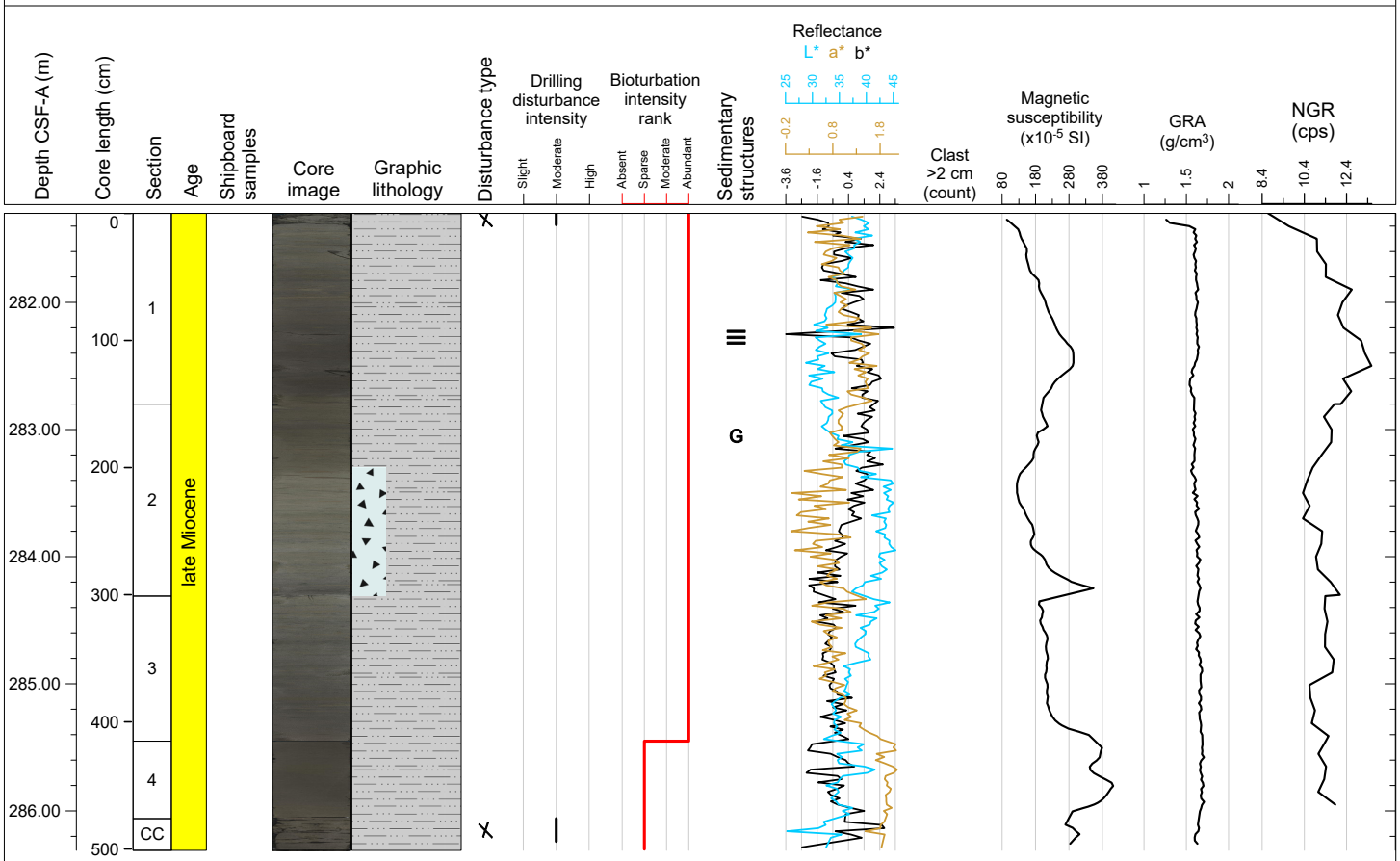
Hole 395C-U1562A Core 40F, Interval 276.6-281.2 m (CSF-A)

This core consists of dominantly grayish brown (2.5Y 5/2) CARBONATE OOZE and dark grayish brown (2.5Y 4/2) CLAYEY SILT or SILTY CLAY with CARBONATE. Gastropod fossils are present (2-5 mm in size) though infrequent. Bioturbation is sparse to moderate; bioturbation is more significant in CARBONATE OOZE than CLAYEY SILT or SILTY CLAY with CARBONATE.



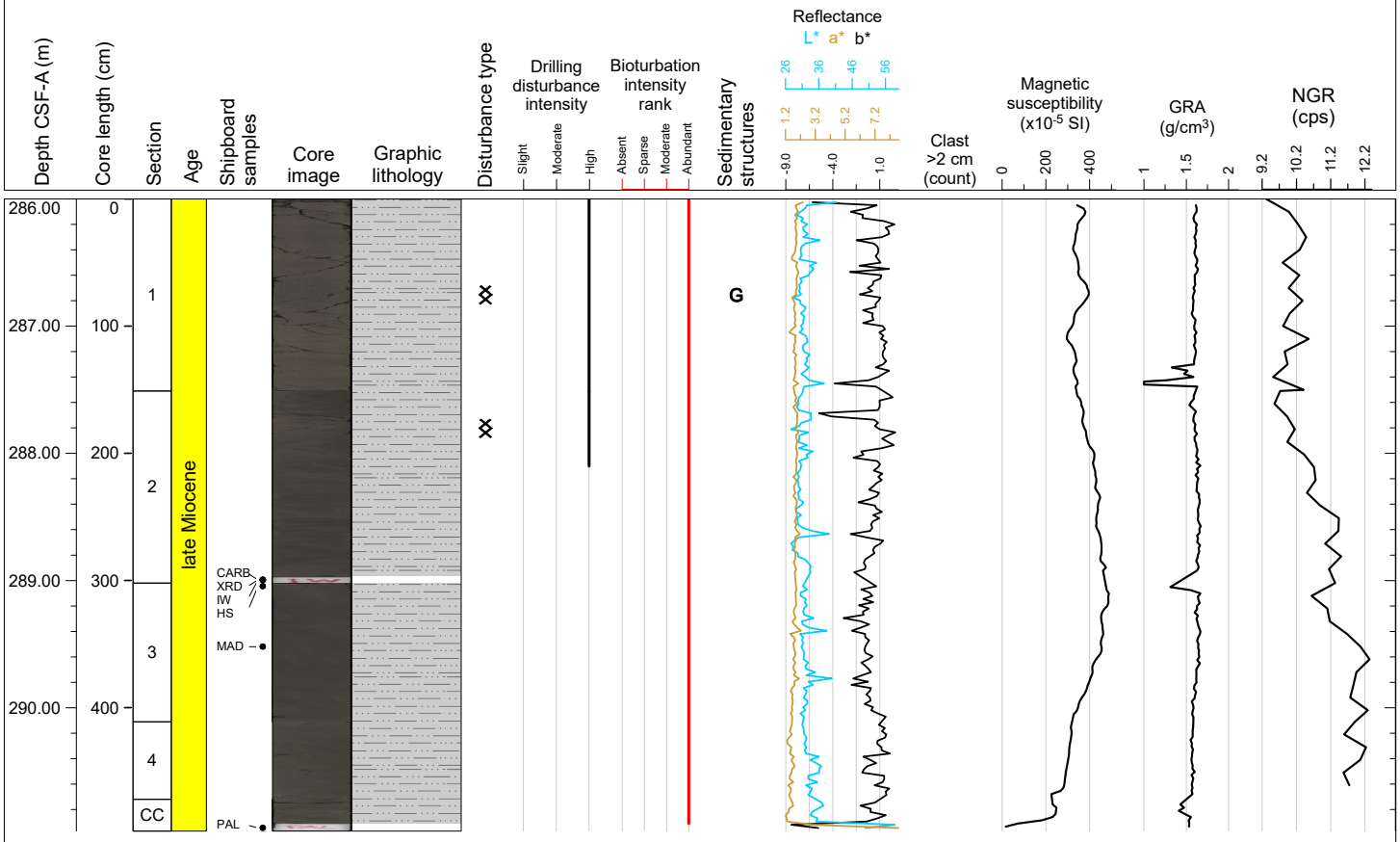
Hole 395C-U1562A Core 41F, Interval 281.3-286.31 m (CSF-A)

This core consists of dominantly grayish brown (2.5Y 5/2) to dark grayish brown (2.5Y 4/2) CLAYEY SILT or SILTY CLAY with CARBONATE, light brownish gray (2.5Y 6/2) CARBONATE CLAYEY SILT or SILTY CLAY, and grayish brown (2.5Y 5/2) MUD with CARBONATE. A light gray lamination is observed at 67 cm of Section 1. A sand bed composed of glassy shards (very dark gray) occurs at 32 cm of Section 2. Bioturbation is sparse to moderate in the CLAYEY SILT or SILTY CLAY with CARBONATE. Lighter CARBONATE CLAYEY SILT or SILTY CLAY sediments contain more intense bioturbation than darker sediments.



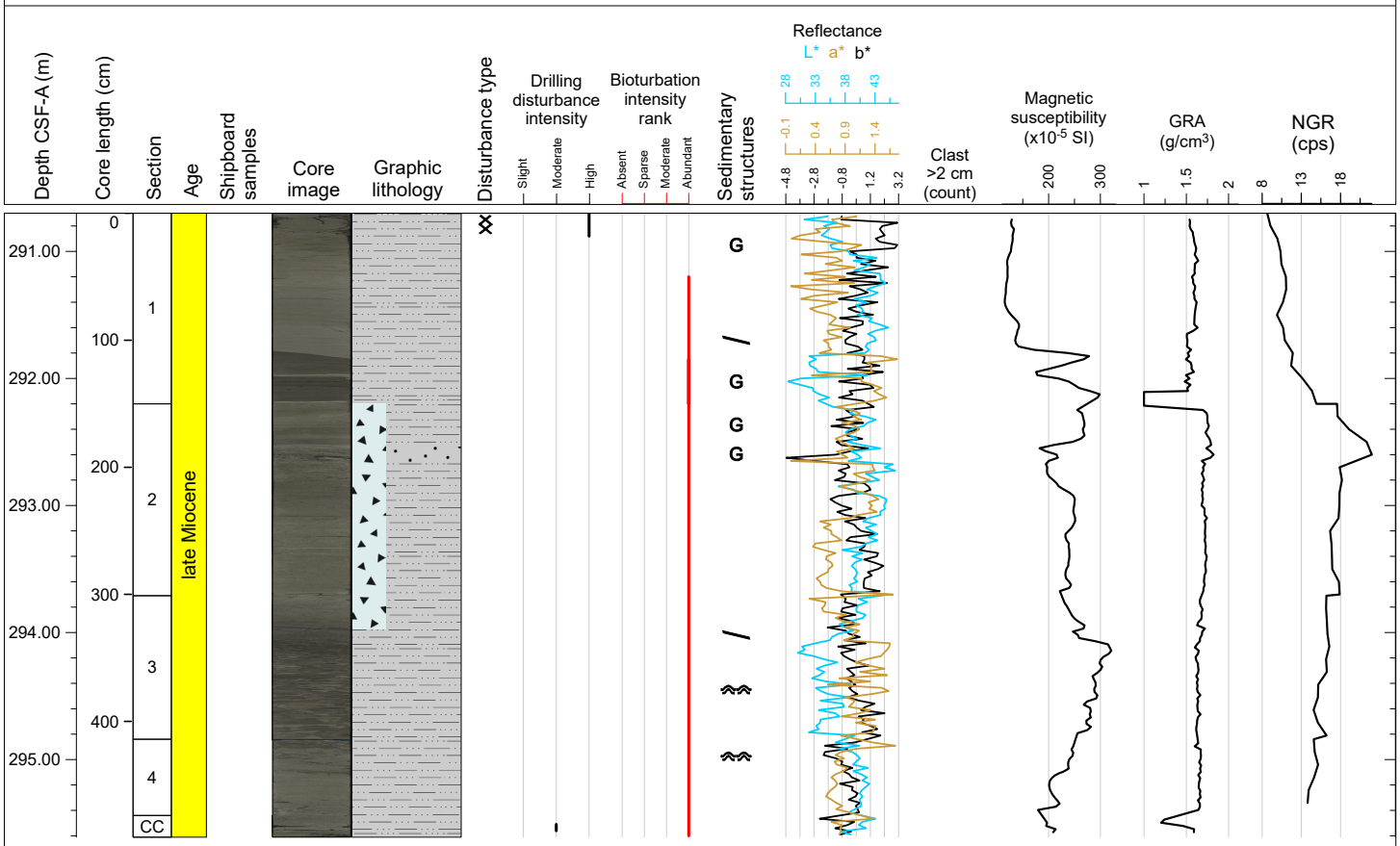
Hole 395C-U1562A Core 42F, Interval 286.0-290.97 m (CSF-A)

This core consists of dominantly dark grayish brown (10YR 4/2) CLAYEY SILT or SILTY CLAY. Bioturbation is moderate. A dark gray layer is present in Section 1.



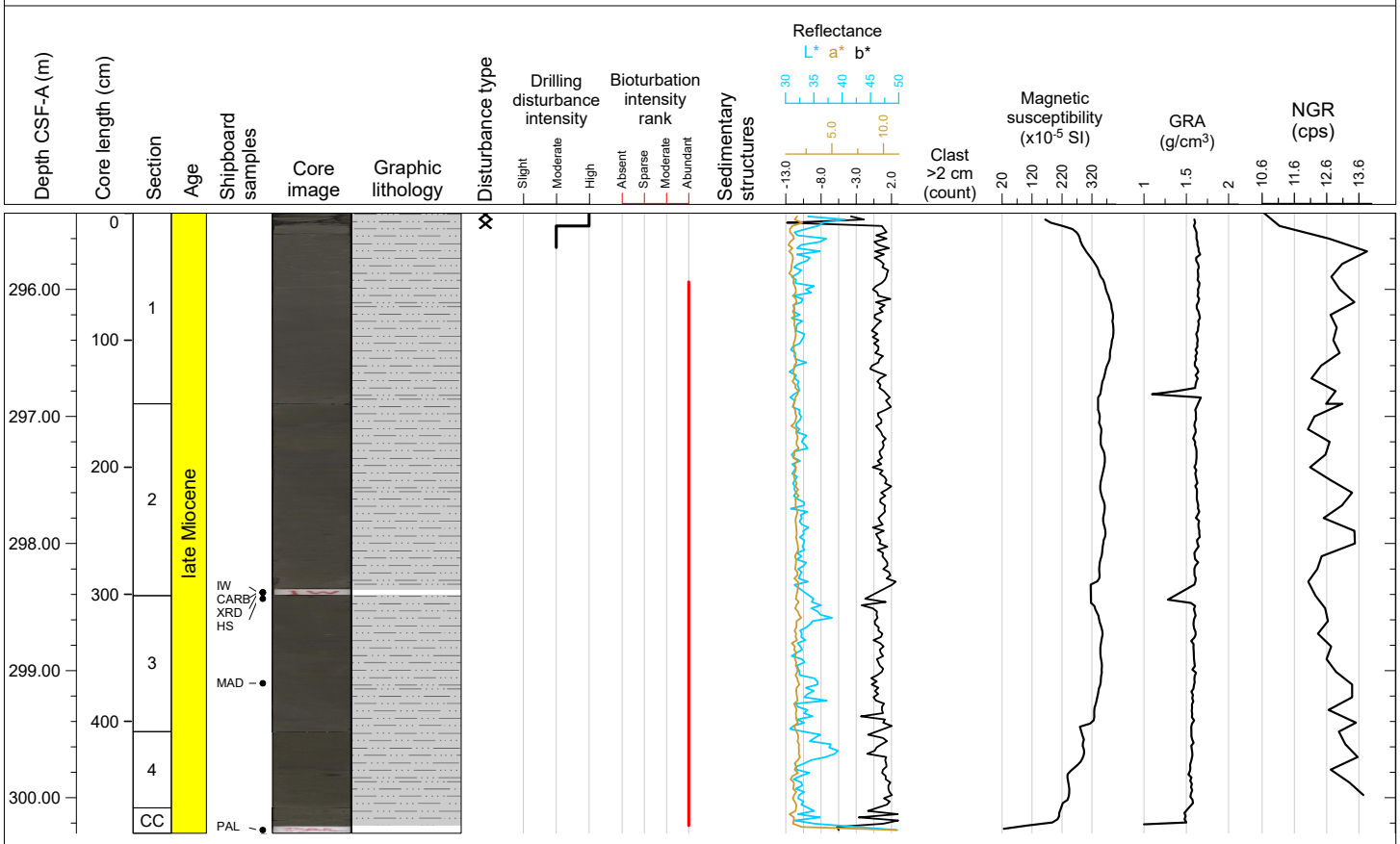
Hole 395C-U1562A Core 43F, Interval 290.7-295.61 m (CSF-A)

This core consists of dominantly light gray (5Y 7/2) CLAYEY SILT or SILT CLAY with CARBONATE and light brownish gray (2.5Y 6/2) CARBONATE CLAYEY SILT or SILTY CLAY. Bioturbation is moderate to abundant. Gravel-sized glass is present throughout Section 2, and soft sediment deformation is present in Sections 3 and 4. A sharp boundary is present at 36 cm in Section 3.



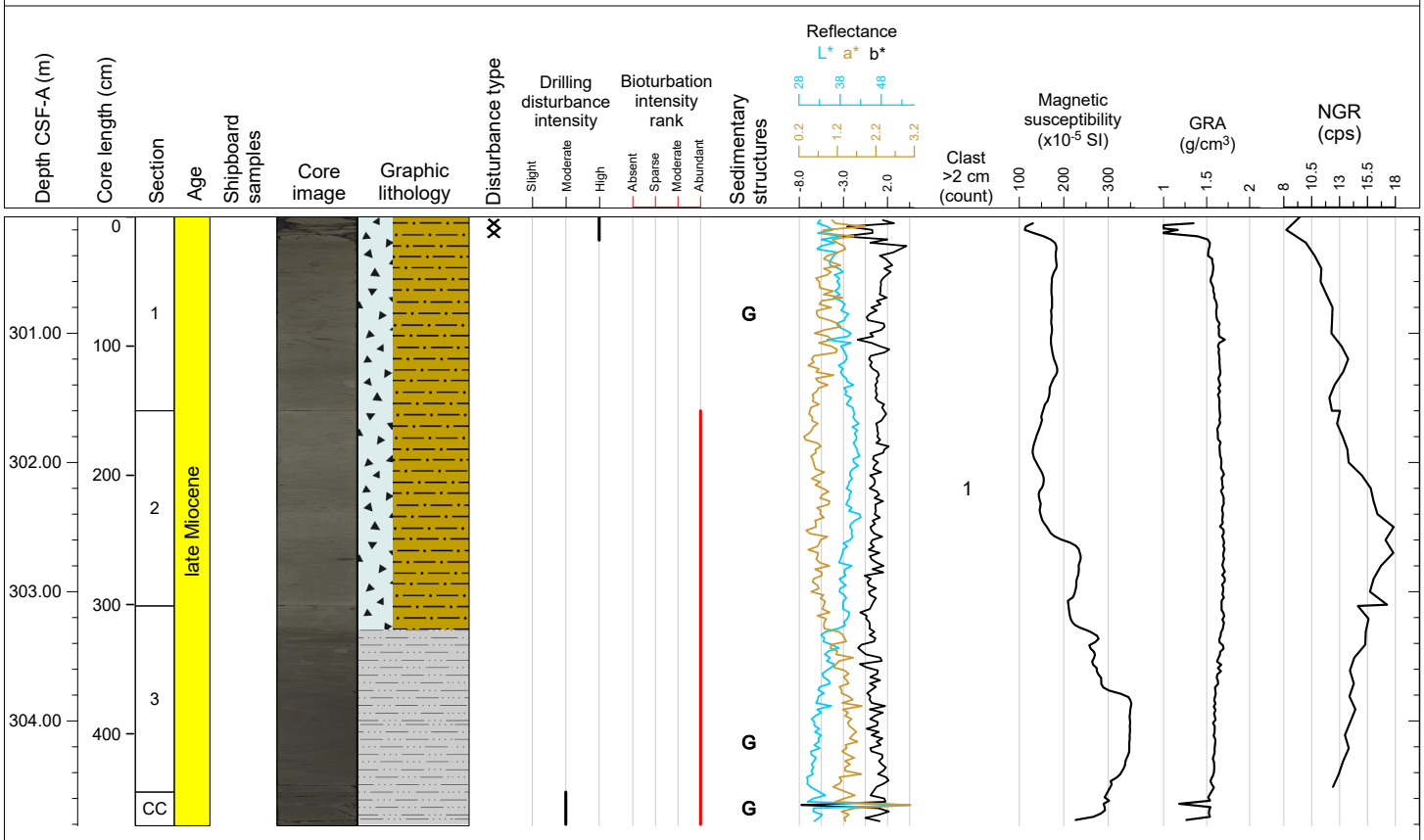
Hole 395C-U1562A Core 44F, Interval 295.4-300.28 m (CSF-A)

This core consists of dominantly light brownish gray (2.5Y 6/2) CLAYEY SILT or SILTY CLAY with CARBONATE and light brownish gray (2.5Y 6/2) CLAYEY SILT or SILTY CLAY. Bioturbation is abundant to moderate, and the core is well preserved.



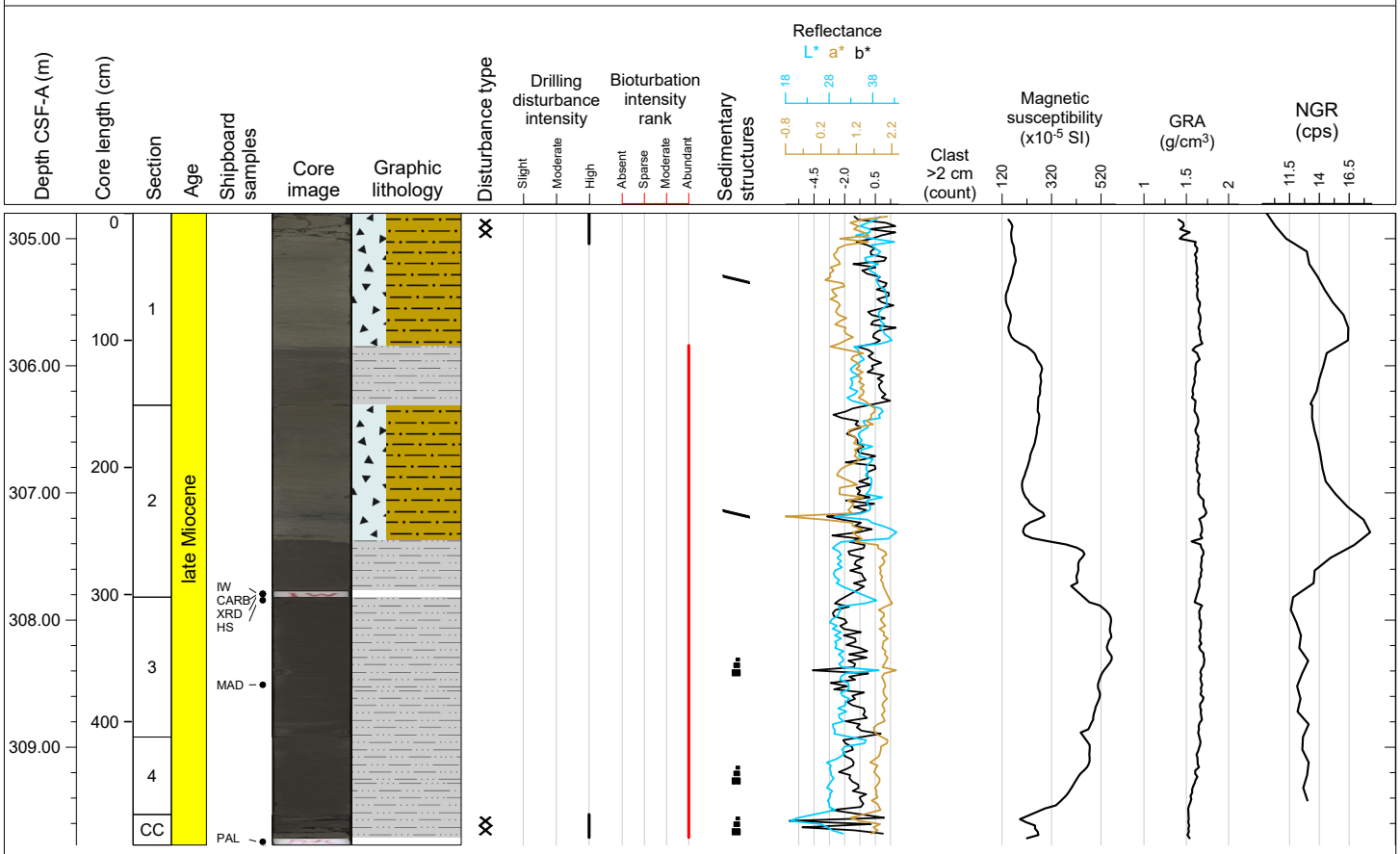
Hole 395C-U1562A Core 45F, Interval 300.1-304.81 m (CSF-A)

This core consists of dominantly light brownish gray (10YR 6/2) CLAYEY SILT or SILTY CLAY in Sections 3 and CC and light gray (2.5Y 7/2) CARBONATE SANDY SILT in Sections 1 and 2. Bioturbation is sparse to abundant. Dark blebs are present at 95 cm in Sections 1 and throughout Sections 3 and CC.



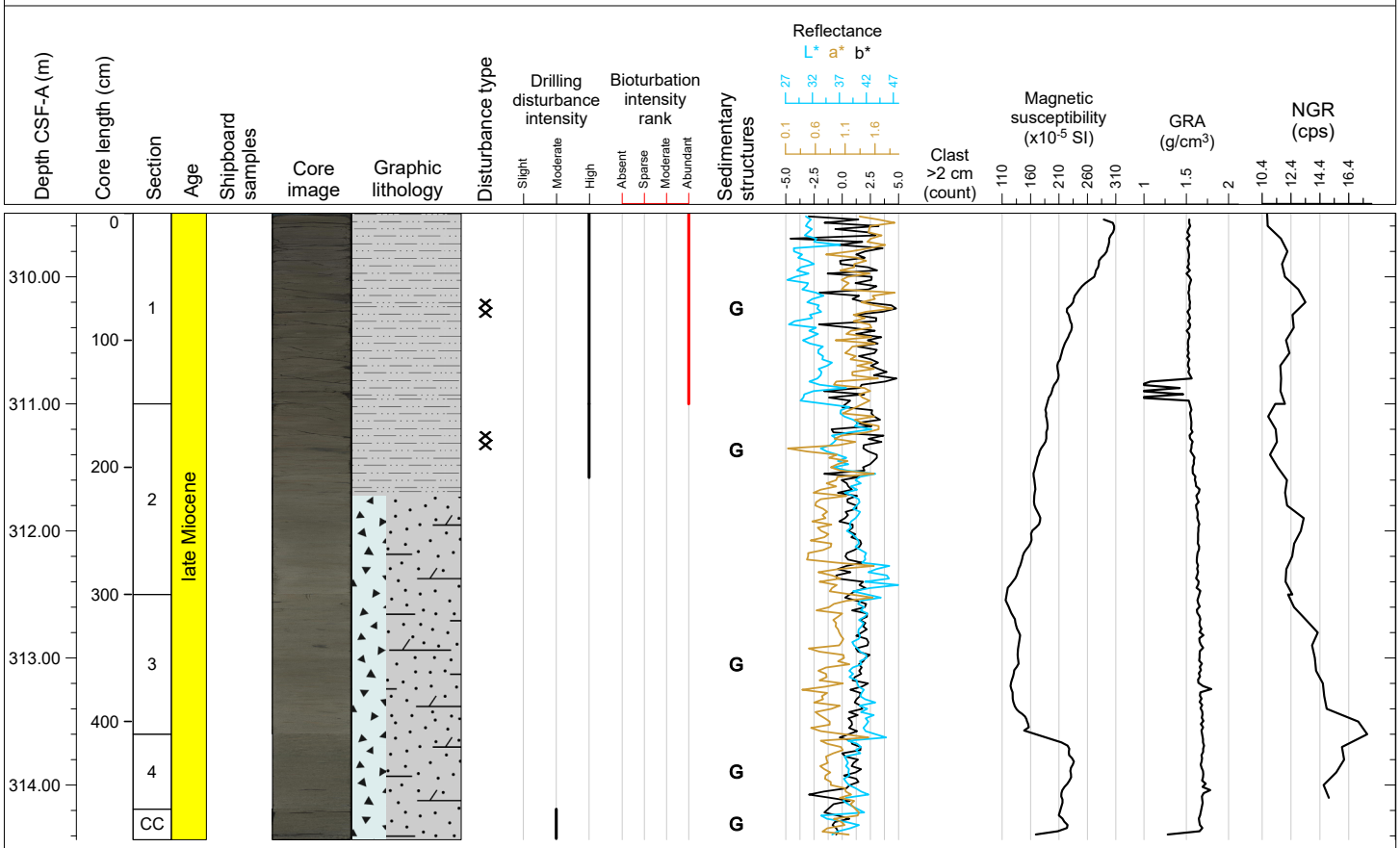
Hole 395C-U1562A Core 46F, Interval 304.8-309.77 m (CSF-A)

This core consists of grayish brown (10YR 5/2) CLAYEY SILT or SILTY CLAY and light gray (5Y 7/2) CARBONATE SANDY SILT intercalated with light brownish gray (2.5Y 7/2) CLAYEY SILT or SILTY CLAY. A dark gray layer is present at 102 cm in Section CC, and bioturbation is moderate to abundant. Sharp boundaries are observed at 104 cm in Sections 1 and 106 cm in Section 2, between CARBONATE SANDY SILT and CLAYEY SILT or SILT CLAY beds. Fining upward sequences are observed in Sections 3 and 4.



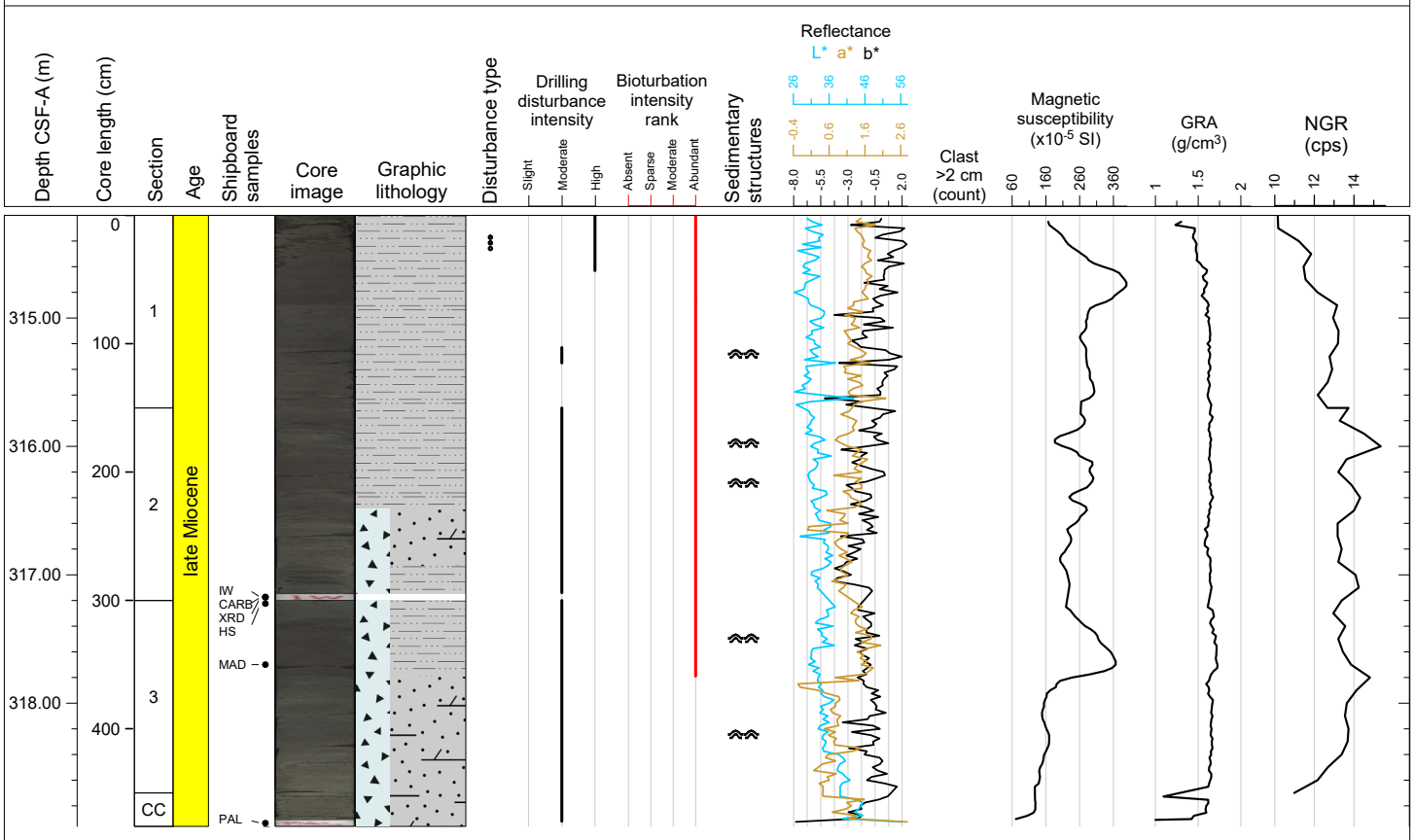
Hole 395C-U1562A Core 47F, Interval 309.5-314.43 m (CSF-A)

This core consists of light gray (5Y 7/2) CARBONATE CLAYEY SILT or SILTY CLAY with SAND in Sections 3 and 4 and light olive gray (5Y 6/2) CLAYEY SILT or SILTY CLAY WITH CARBONATE and grayish brown (2.5Y 5/2) CLAYEY SILT or SILTY CLAY in Sections 1 and 2. Dark blebs are present throughout the whole core. The core is highly fragmented in Sections 1, 2, and CC, and bioturbation is moderate to abundant.



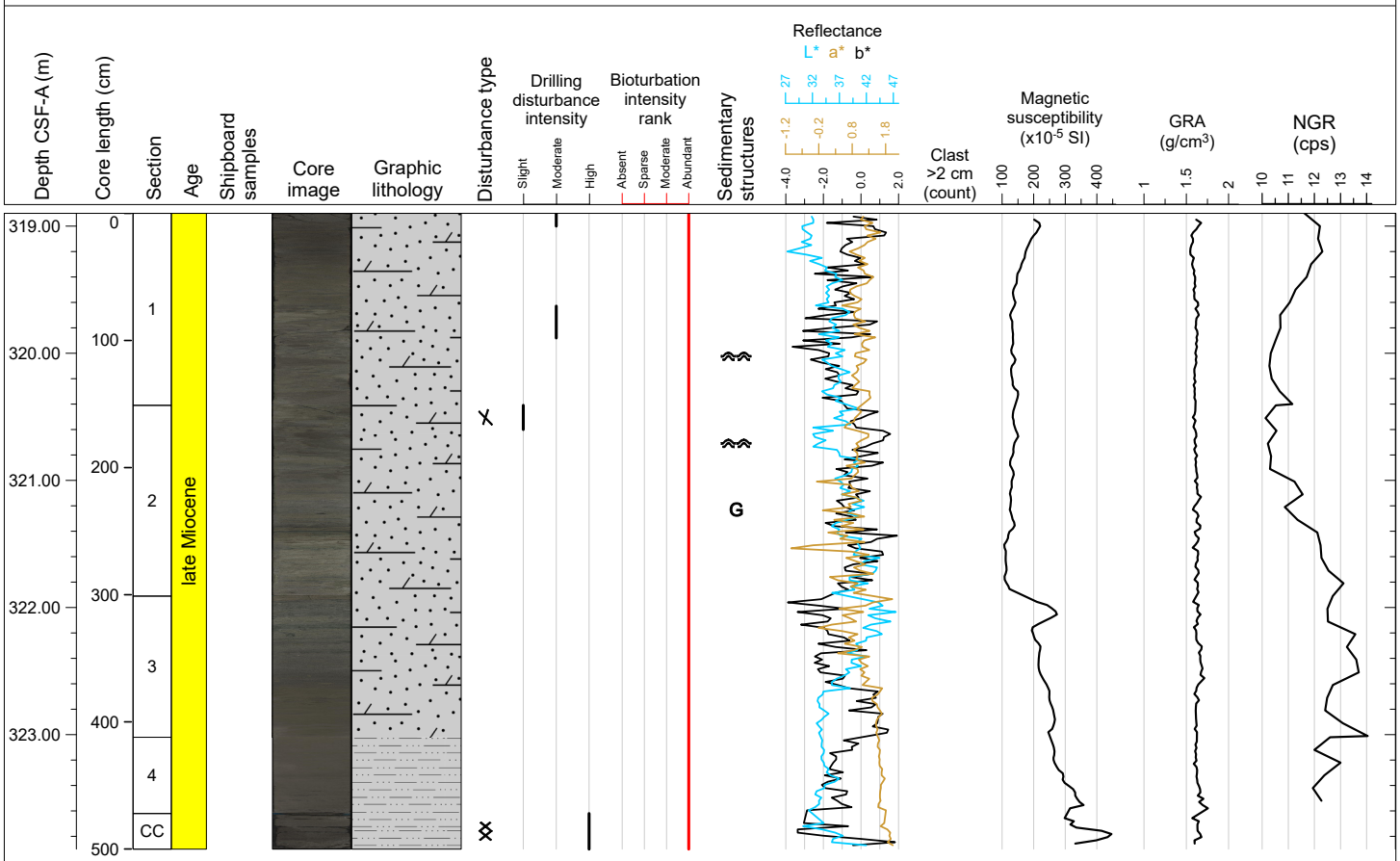
Hole 395C-U1562A Core 48F, Interval 314.2-318.96 m (CSF-A)

This core consists of dominantly grayish brown (2.5Y 5/2) CLAYEY SILT or SILTY CLAY and light olive gray (5Y 6/2) CARBONATE CLAYEY SILT with SAND. Bioturbation is moderate to abundant. Most sections of the core present soft sediment deformation.



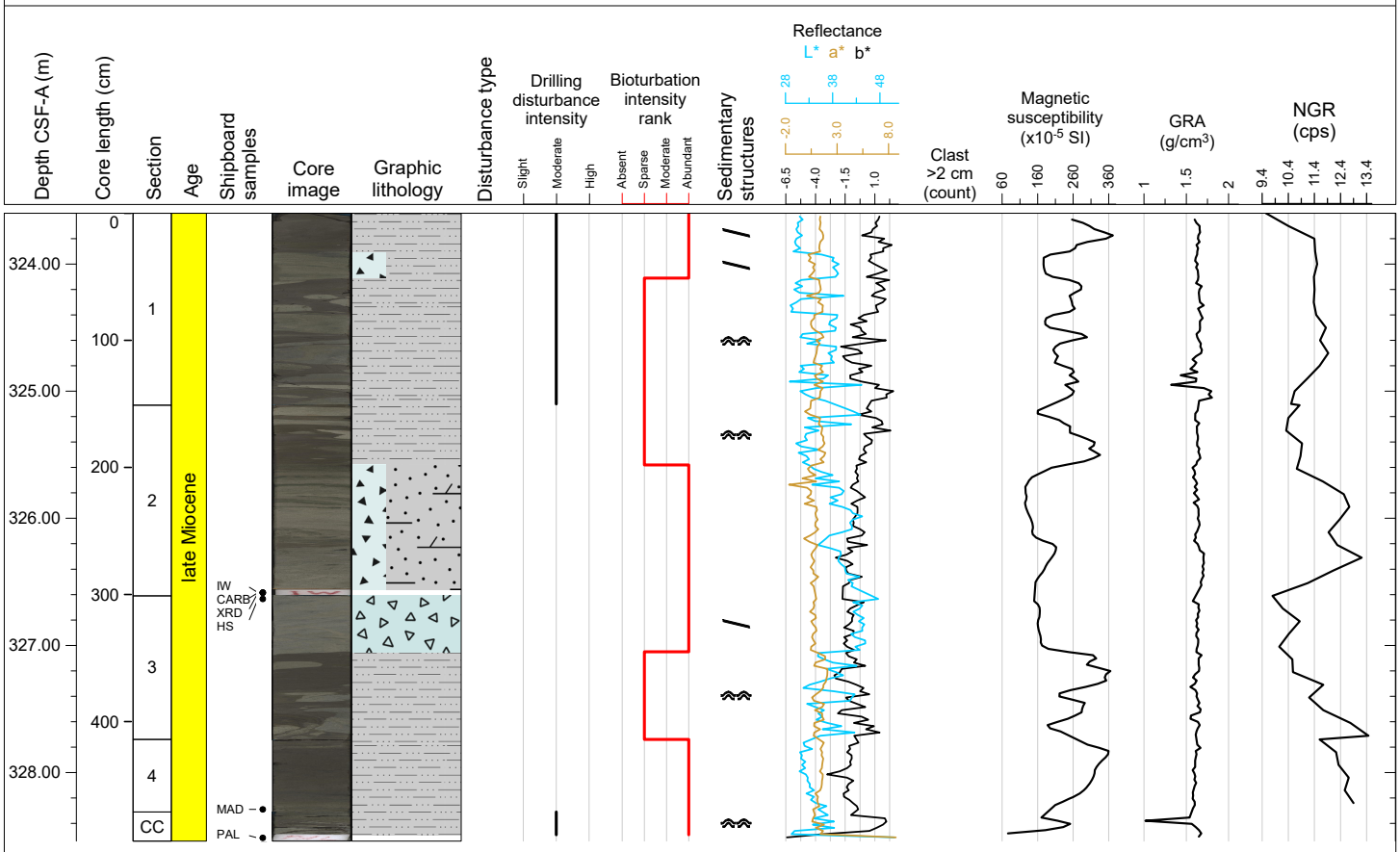
Hole 395C-U1562A Core 49F, Interval 318.9-323.9 m (CSF-A)

This core consists of light gray (2.5Y 7/1) to light olive gray (5Y 6/2) MUD, CLAYEY SILT or SILTY CLAY with FORAMINIFERA, and light brownish gray (2.5Y 6/2) CLAYEY SILT or SILTY CLAY. Soft sediment deformation on observed from 74 cm in Section 1 to 60 cm in Section 2. Bioturbation is moderate to abundant, and gravel-sized glass and scoria are present in Sections 1 and 2.



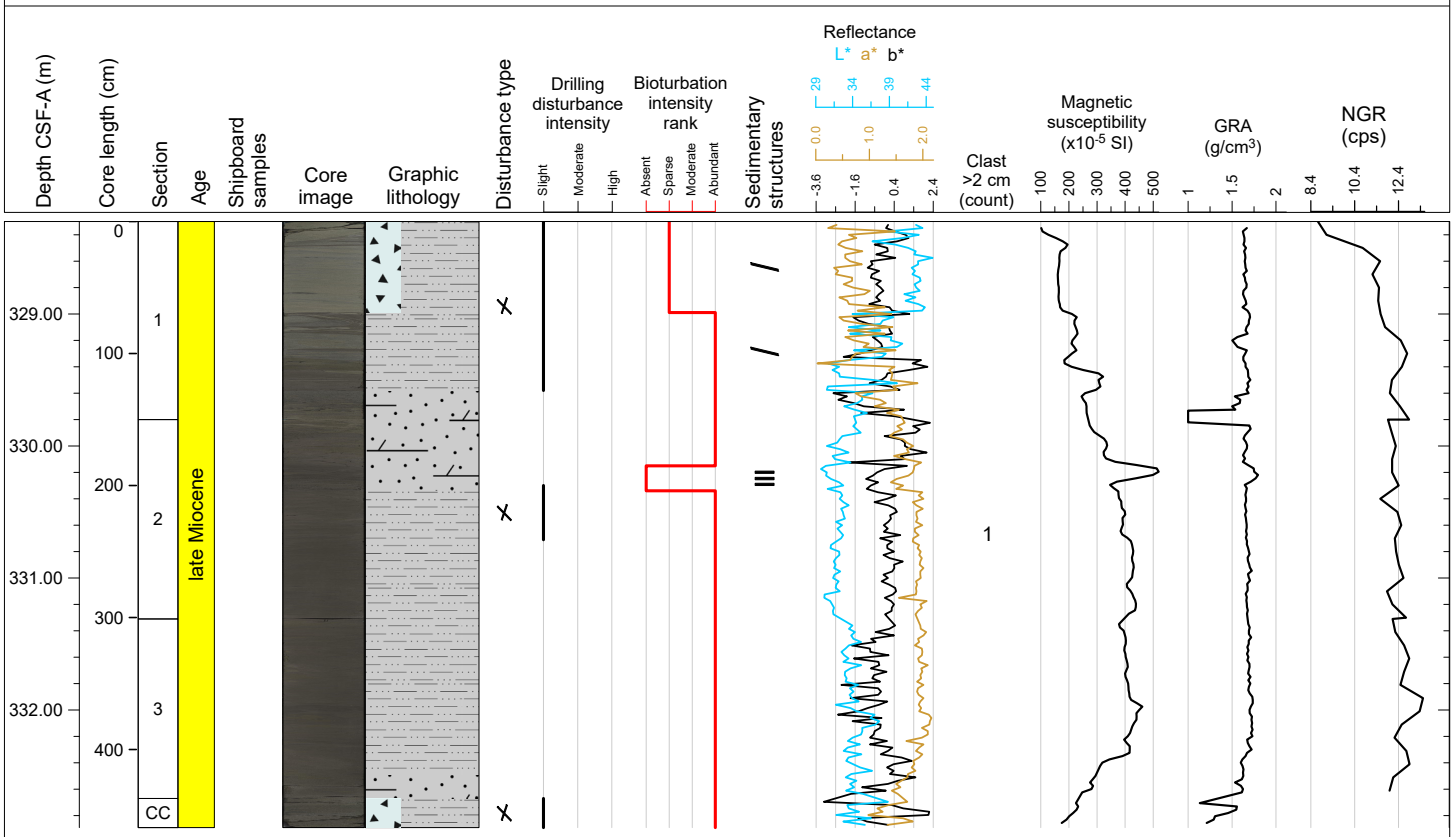
Hole 395C-U1562A Core 50F, Interval 323.6-328.54 m (CSF-A)

This core consists of dominantly grayish brown (10YR 5/2) CLAYEY SILT or SILTY CLAY, intercalated with light olive gray (5Y 6/2) CARBONATE CLAYEY SILT or SILTY CLAY and light olive gray (5Y 6/2) CARBONATE CLAYEY SILT or SILTY CLAY with SAND. Soft sediment deformation is observed throughout the core. Bioturbation is sparse to moderate, and the core is well preserved.



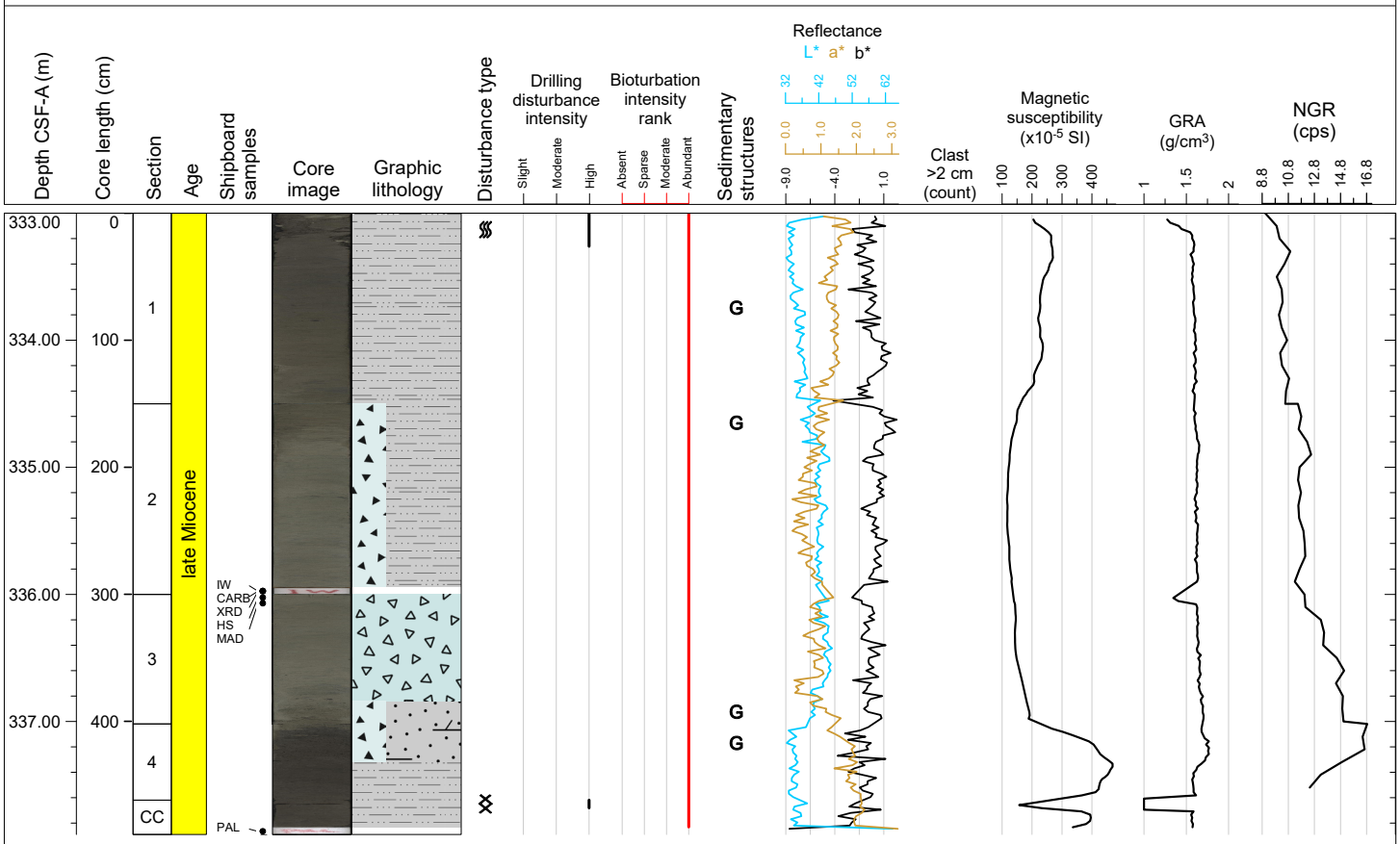
Hole 395C-U1562A Core 51F, Interval 328.3-332.89 m (CSF-A)

This core consists of dominantly gray (5Y 5/1) CLAYEY SILT or SILTY CLAY with SAND, intercalated with light gray (2.5Y 7/2) to light olive gray (2.5Y 6/2) CARBONATE CLAYEY SILT or SILTY CLAY. Soft sediment deformation is observed in Section 1. A fining upward sequence from gravel to clay is present in Section 2. Bioturbation is absent to moderate.



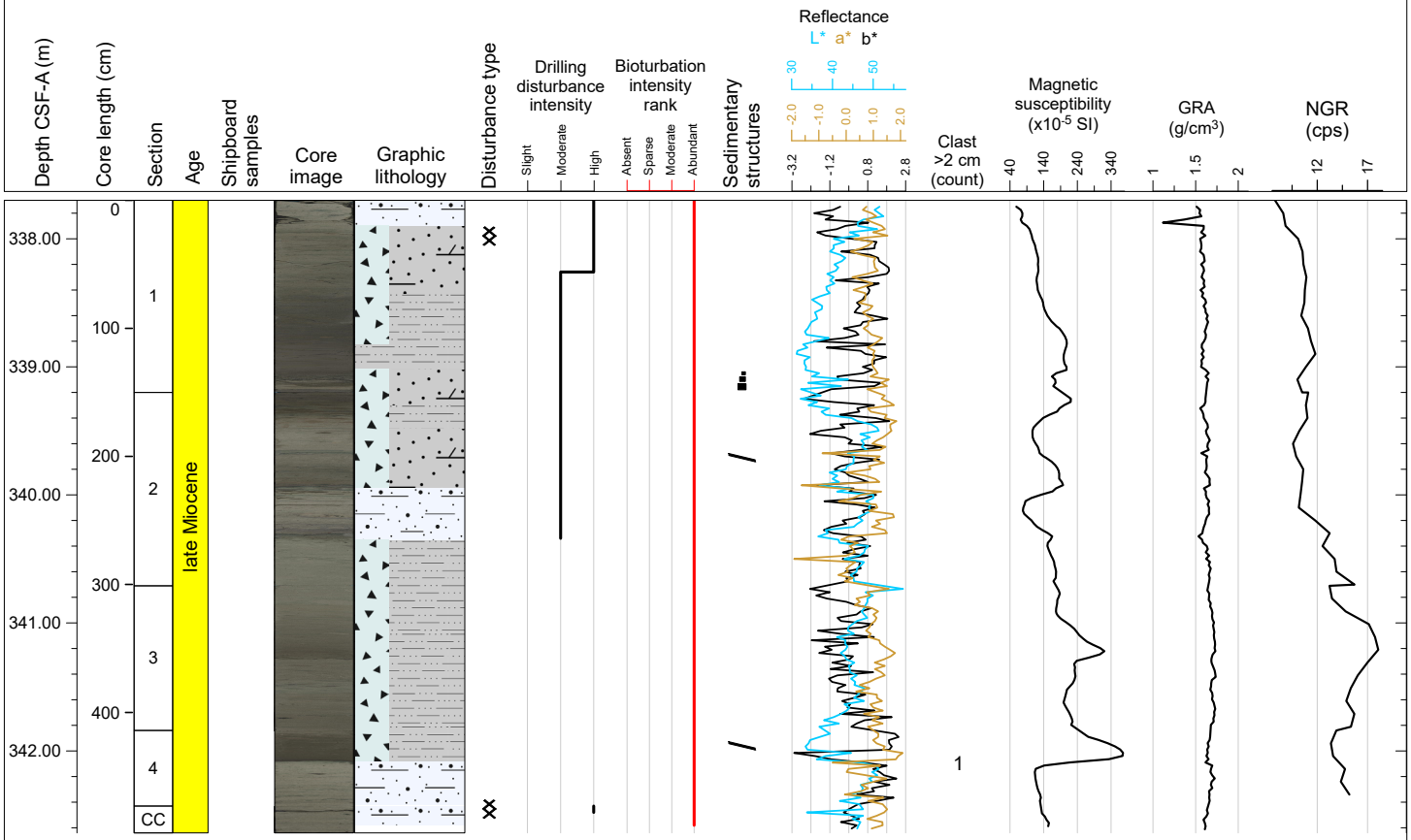
Hole 395C-U1562A Core 52F, Interval 333.0-337.89 m (CSF-A)

This core consists of dominantly light gray (2.5Y 7/1) CARBONATE CLAYEY SILT or SILTY CLAY, light brownish gray (2.5Y 6/2) to gray (5Y 6/1) CARBONATE CLAYEY SILT or SILTY CLAY WITH SAND and grayish brown (2.5Y 5/2) CLAYEY SILT or SILTY CLAY with CARBONATE. Dark blebs are present at 16 cm in Section 1 and throughout Section 2, and gravel-sized scoria and sand-size glass are present throughout Sections 3 and 4. Bioturbation is moderate to abundant.



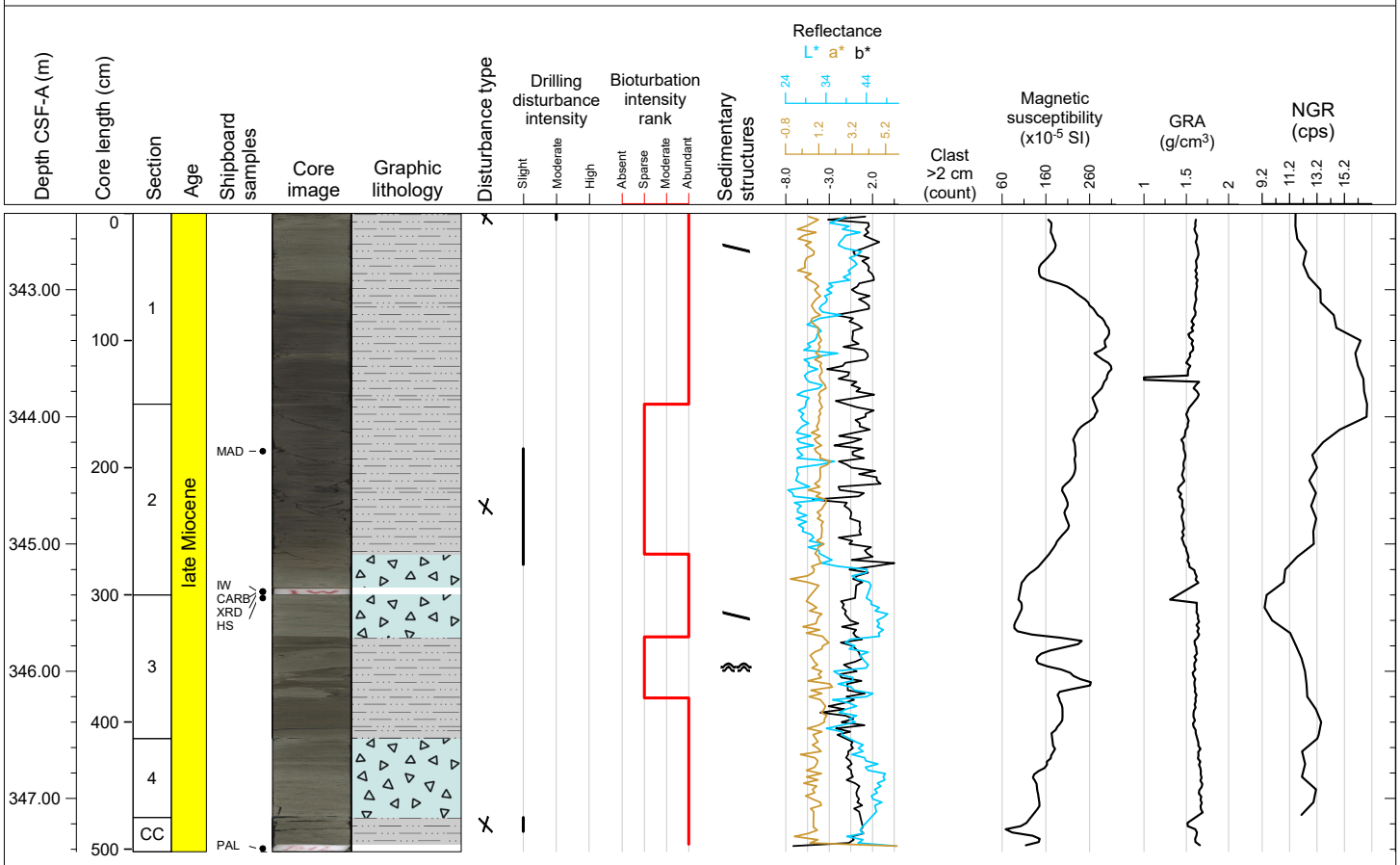
Hole 395C-U1562A Core 53F, Interval 337.7-342.64 m (CSF-A)

This core consists of dominantly light olive gray (5Y 6/2) to gray (5Y 6/1) CARBONATE CLAYEY SILT or SILTY CLAY and gray (2.5Y 6/2) CARBONATE CLAYEY SILT or SILTY CLAY with SAND, intercalated with gray (5Y 7/1) CHALK with CLAYEY SILT or SILTY CLAY and CLAYEY SILT or SILTY CLAY. A fining upward sequence is observed at end of Section 1. Bioturbation is moderate to abundant, and burrows are observed in Section 3. Dark blebs (possible glass) are observed in Section 4. Gravel-sized scoria is observed in Sections 1 and 2.



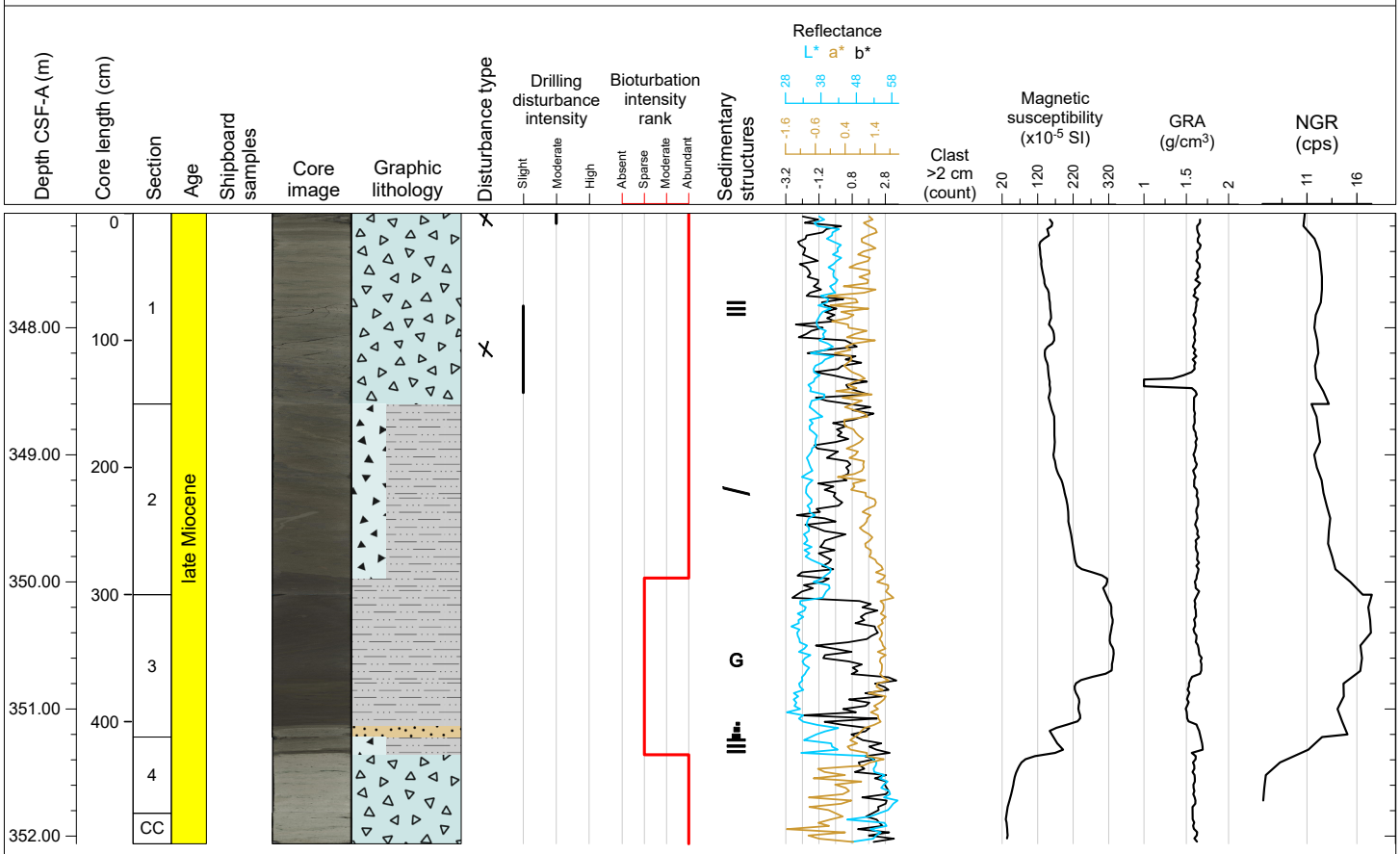
Hole 395C-U1562A Core 54F, Interval 342.4-347.42 m (CSF-A)

This core consists of dominantly dark grayish brown (2.5Y 4/2) to grayish brown (2.5Y 5/2) CLAYEY SILT or SILTY CLAY with CARBONATE and light brownish gray (2.5Y 6/2) CARBONATE OOZE. Sharp boundaries are observed at 53-55 cm with a 20 degree angle to the core liner in Section 1, and at 33 cm in Section 3 (horizontal). Soft sediment deformation is observed at 33-47 cm and 57-74 cm in Section 3. Black layers, possibly composed of scoria, are observed at 146 cm of Section 1 and 106 cm in Section 3. Bioturbation is sparse to abundant. A bioturbation is cut by a small fault (most likely a primary feature, not drilling disturbance) at 138-141 cm with an offset of 1 cm.



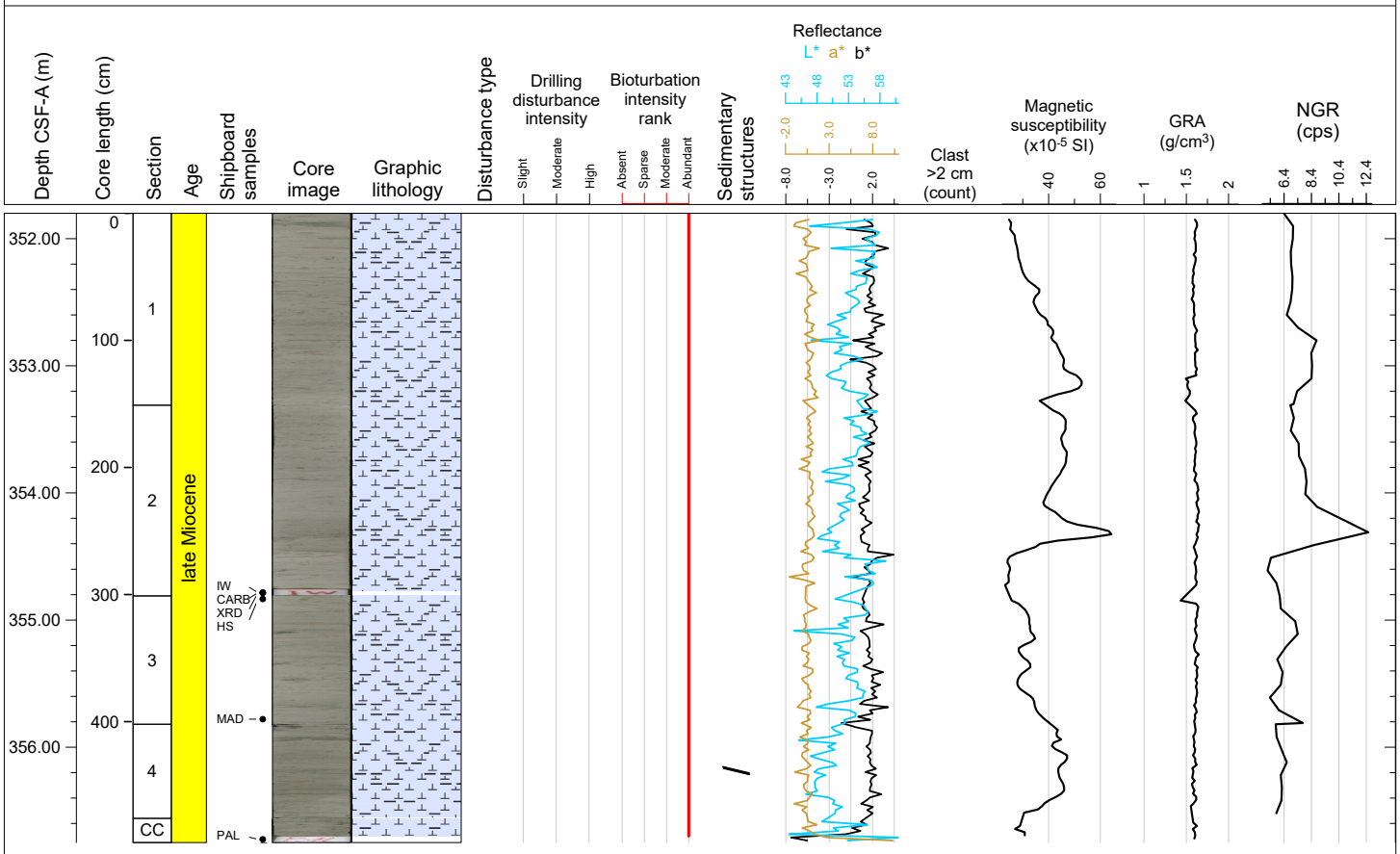
Hole 395C-U1562A Core 55F, Interval 347.1-352.06 m (CSF-A)

This core consists of dark grayish brown (2.5Y 4/2) to grayish brown (2.5Y 5/2) CLAYEY SILT or SILTY CLAY with varying amounts of CARBONATE and grayish brown (2.5Y 5/2) MUD and GRAVEL. The lower part of core consists of dominantly light olive gray (5Y 6/2) CARBONATE OOZE with CLAYEY SILT or SILTY CLAY. Each lithology is separated by sharp boundaries. One of the boundaries is coincident with a graded bed of SAND with SILT and GRAVEL at 103-112 (Section 3). Black layers, possibly composed of scoria, are observed at 34-39 cm, 69 cm and 77-80 cm in Section 3. Laminations occur between 10-14 cm of Section 4. Bioturbation is sparse to moderate.



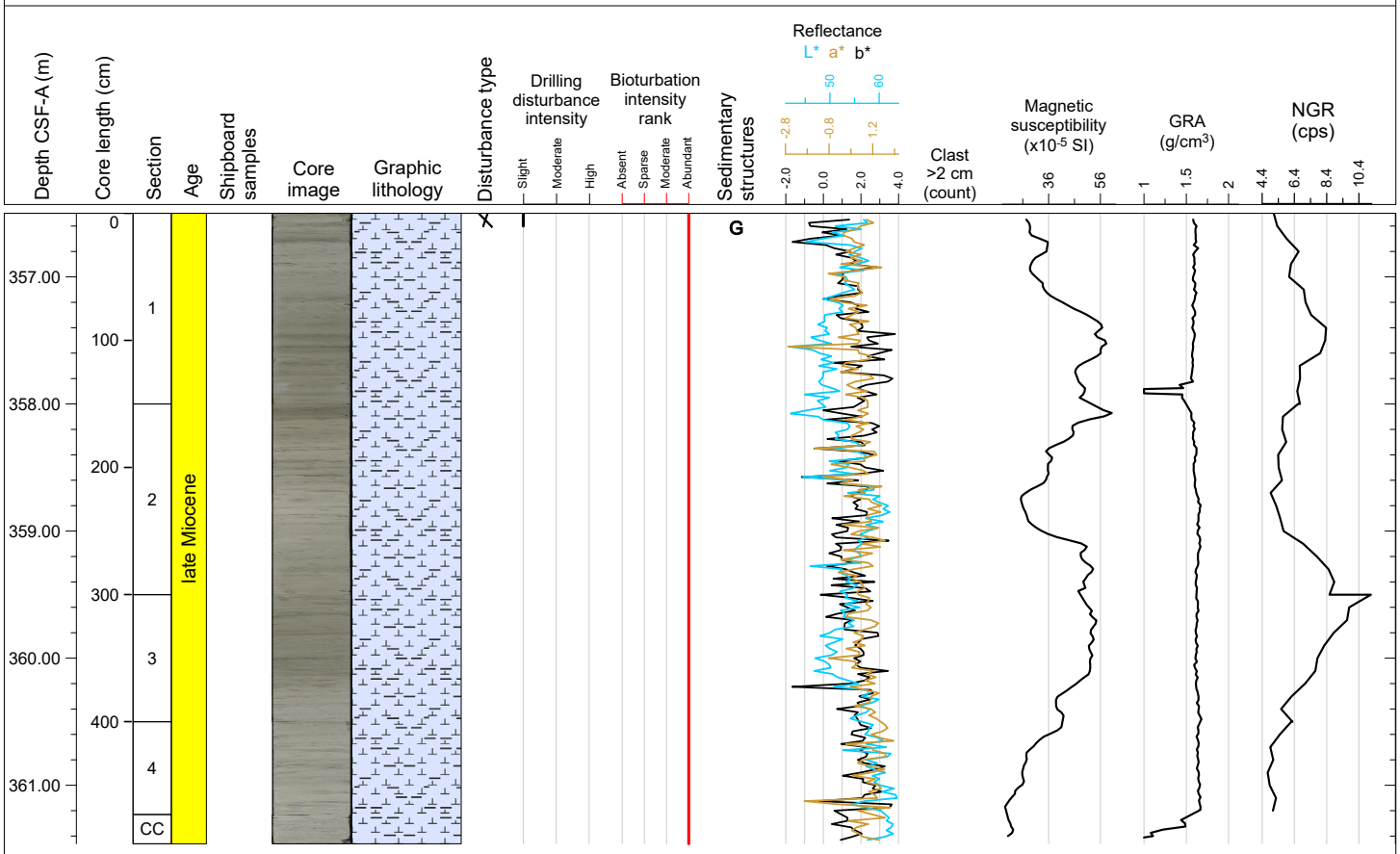
Hole 395C-U1562A Core 56F, Interval 351.8-356.75 m (CSF-A)

This core consists of dominantly light gray (5Y 7/2) NANNOFOSSIL OOZE with CLAYEY SILT or SILTY CLAY. A small fault, cutting bioturbation features at 53-68 cm in Section 4, is at a 60 degree angle to the core liner. Bioturbation is moderate.



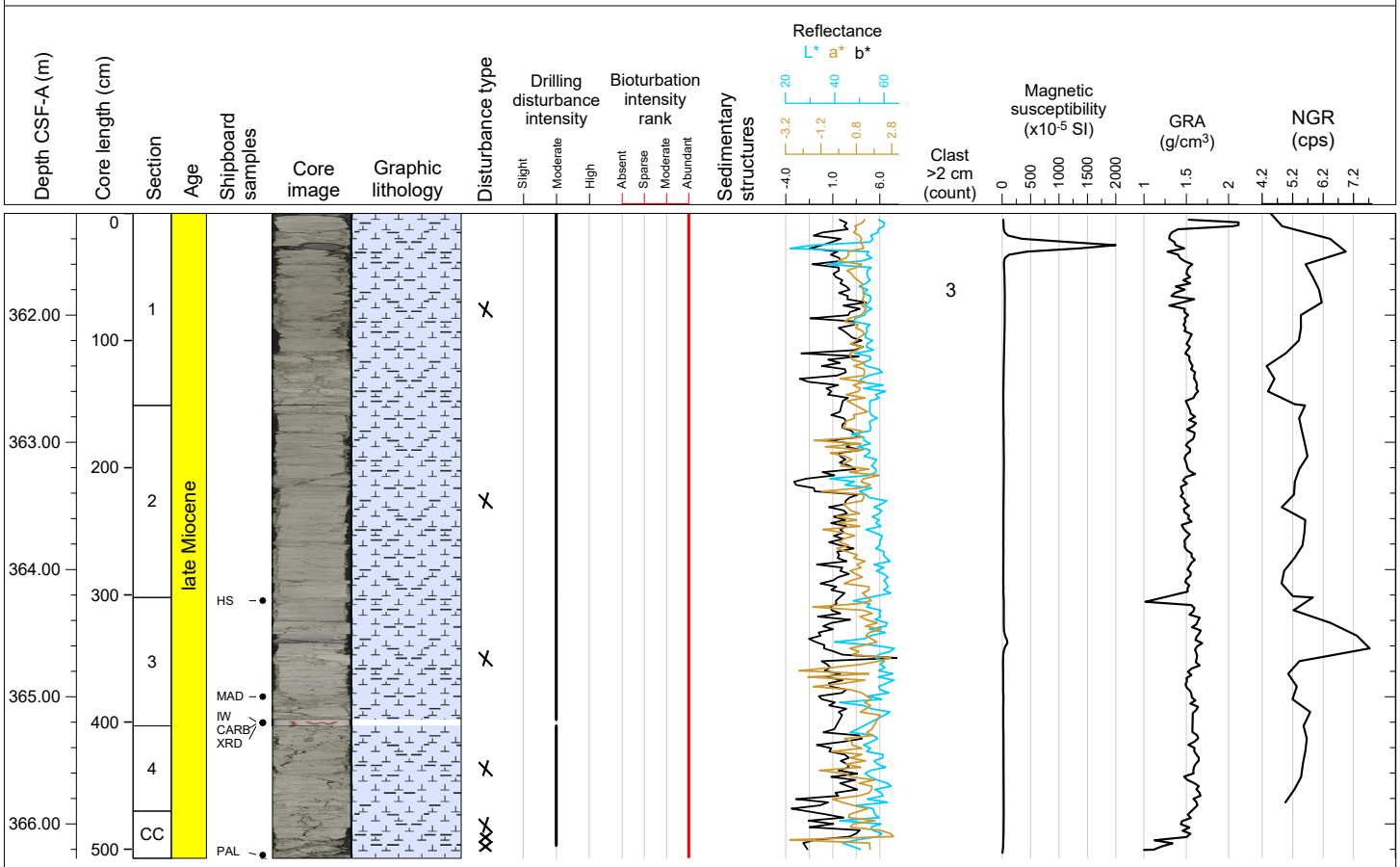
Hole 395C-U1562A Core 57F, Interval 356.5-361.46 m (CSF-A)

This core consists of dominantly light gray (5Y 7/2) NANNOFOSSIL OOZE with CLAYEY SILT or SILTY CLAY. A sandy layer composed of glassy shards occurs at 20-23 cm of Section 1. Bioturbation is moderate.



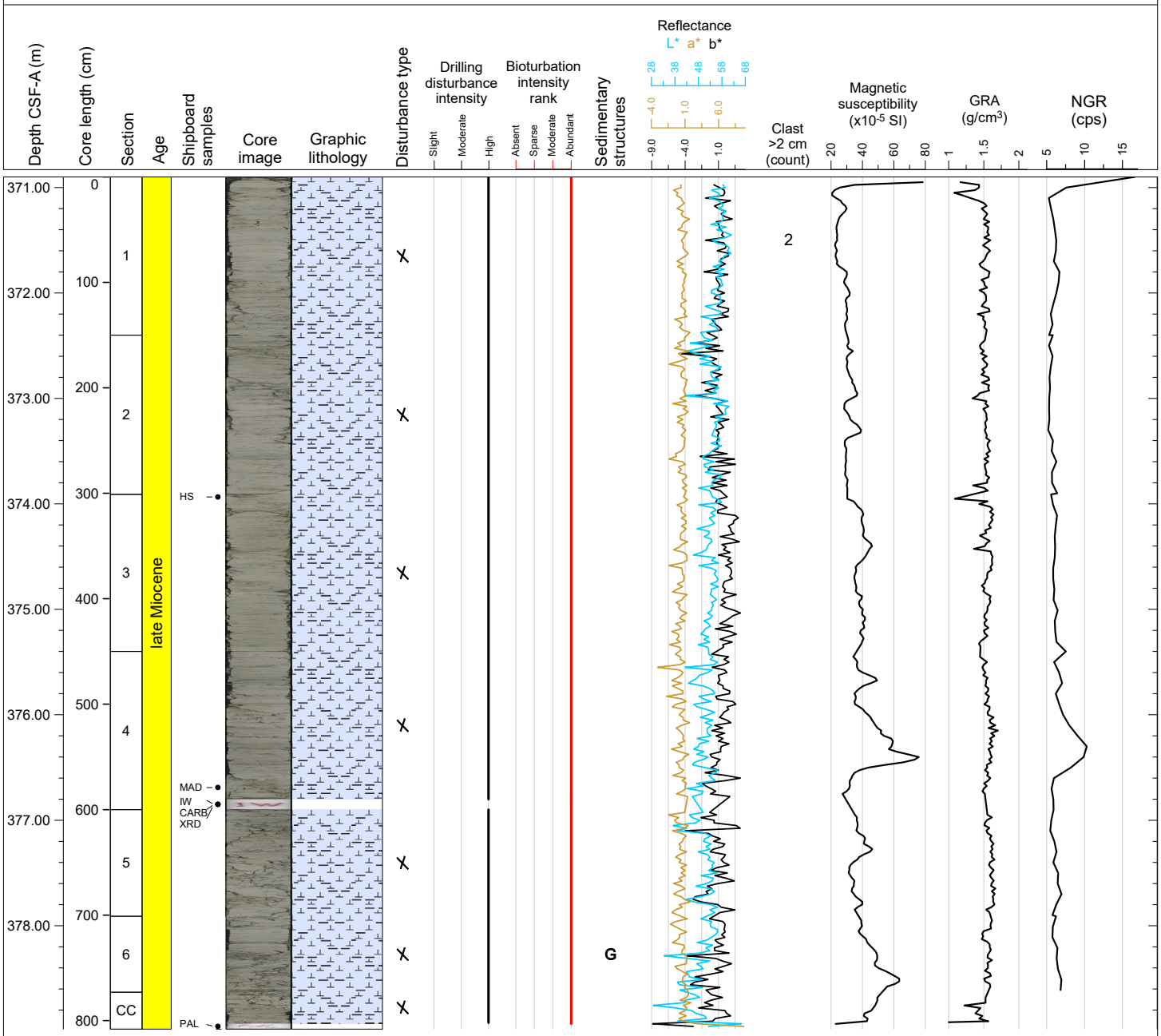
Hole 395C-U1562A Core 58X, Interval 361.2-366.27 m (CSF-A)

This core consists of dominantly light gray (5Y 7/2) NANNOFOSSIL OOZE with BIOSILICA. In Section 1, a rounded basalt clast (6 cm) and a rounded pale color clast (3 cm) are both present at 24-32 cm, and a subangular aphanitic dark reddish clast (2 cm) is present at 30-32 cm. Bioturbation is moderate throughout the core. Drilling disturbance in this core is slightly fragmented, except the bottom of CC (highly fragmented).



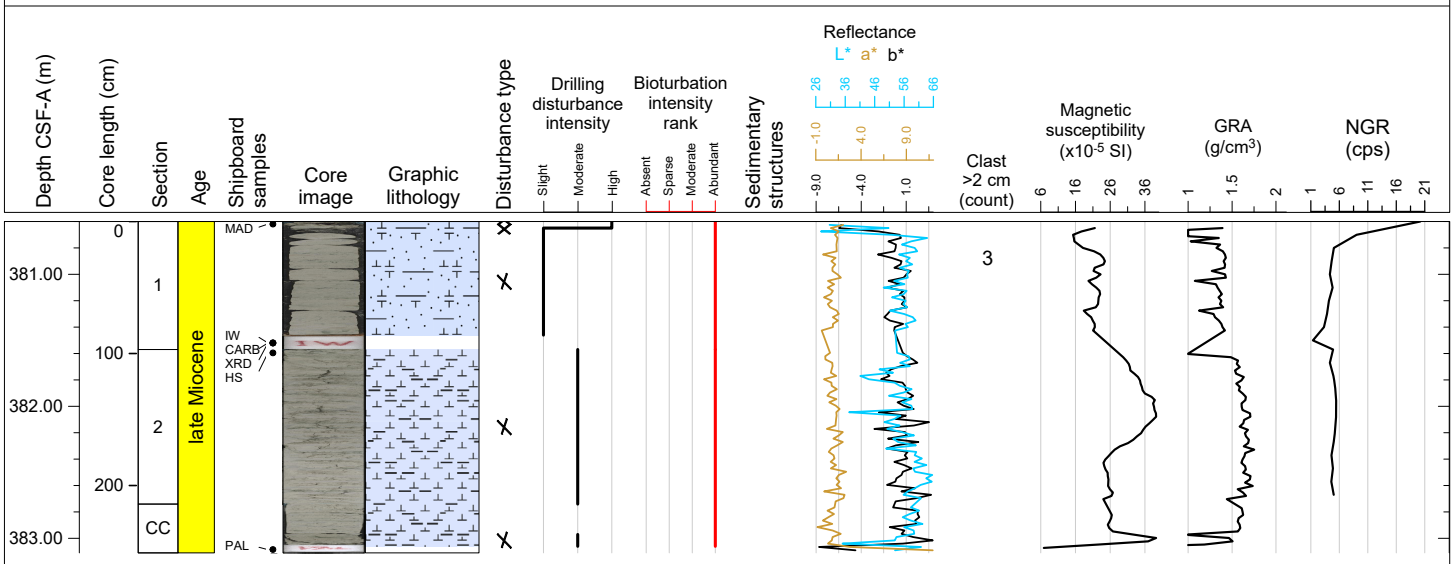
Hole 395C-U1562A Core 59X, Interval 370.9-378.98 m (CSF-A)

This core consists of dominantly light gray (5Y 7/2) NANNOFOSSIL OOZE with BIOSILICA. Two amphibolite gneiss clasts (4 cm and 5 cm) are observed at 0-5 cm of Section 1. Bioturbation is moderate. Drilling disturbance in this core is slightly fragmented throughout.



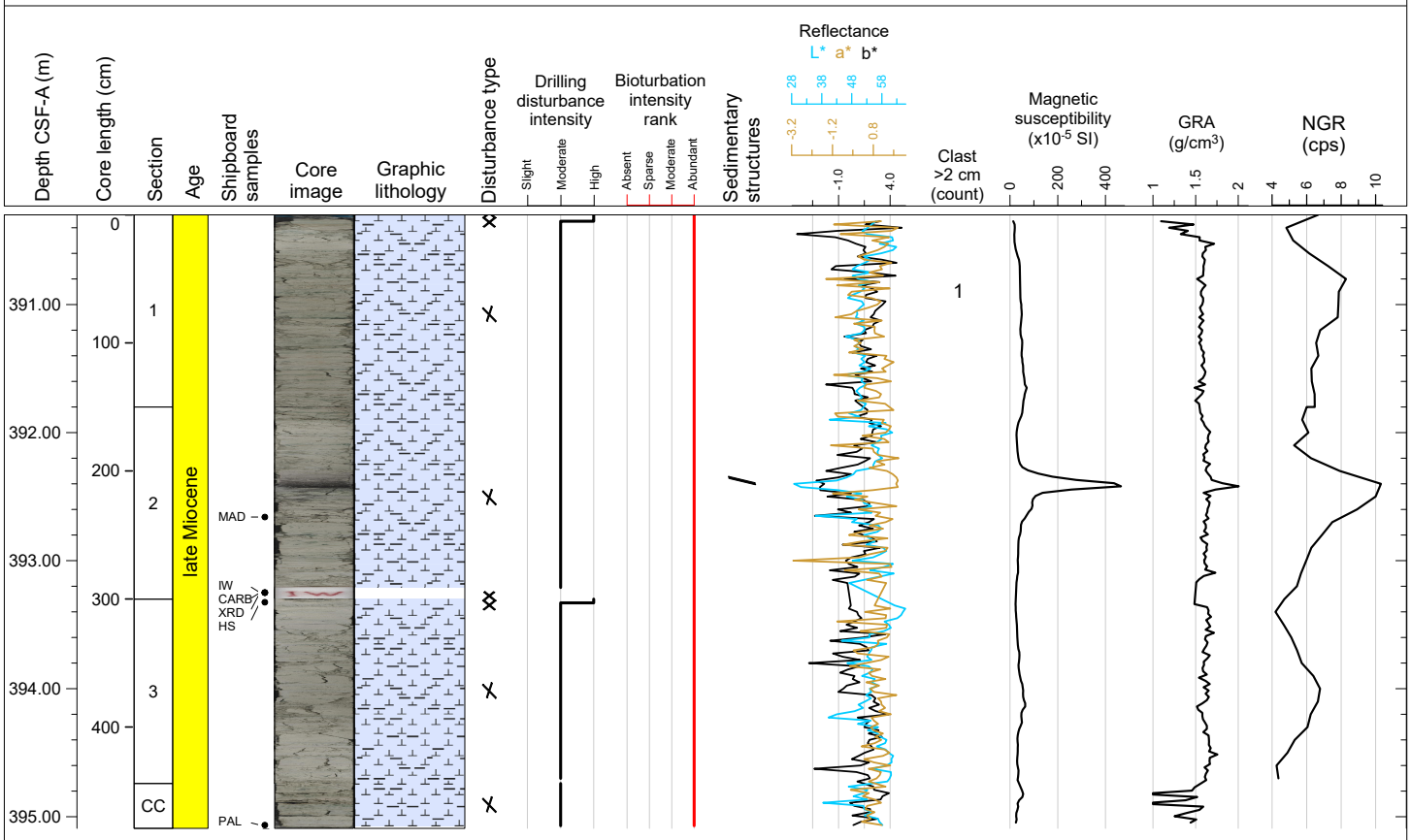
Hole 395C-U1562A Core 60X, Interval 380.6-383.11 m (CSF-A)

This core consists of dominantly light gray (5Y 7/2) NANNOFOSSIL OOZE with BIOSILICA and NANNOFOSSIL CHALK. Bioturbation is moderate. Drilling disturbance in this core is slightly fragmented except the top of Section 1 (absent from 1 to 5 cm).



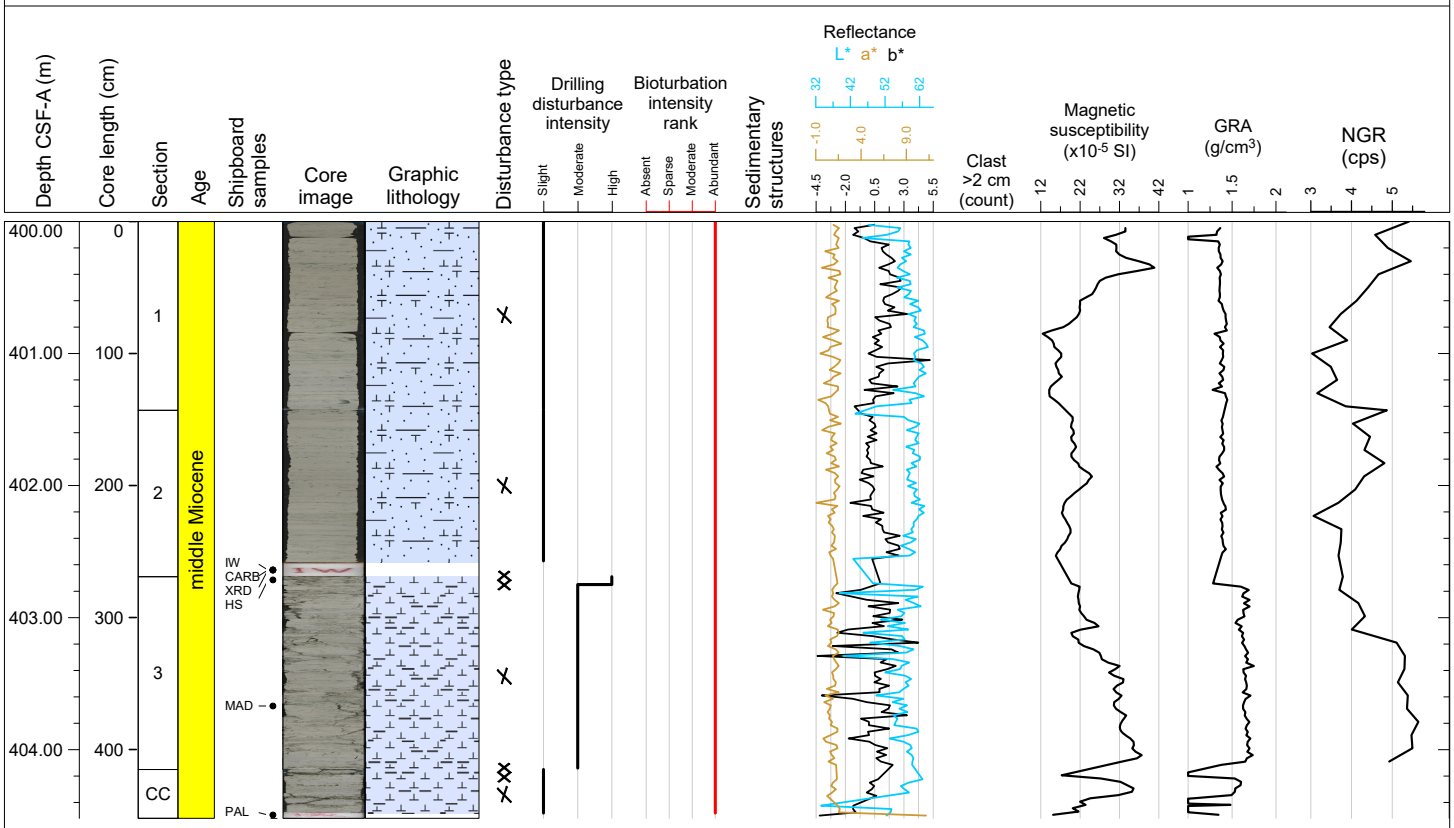
Hole 395C-U1562A Core 61X, Interval 390.3-395.09 m (CSF-A)

This core consists of dominantly light gray (5Y 7/2) NANNOFOSSIL OOZE with BIOSILICA. A bluish black (2Y 2.5/1) layer of GLASS with NANNOFOSSILS is present in Section 2. The base of the glass has sharp boundary at 64 cm (Section 2). A angular gneiss (5 cm) is observed at 0-5 cm of Section 1. Bioturbation is moderate throughout the core. Drilling disturbance in this core is slightly to highly fragmented.



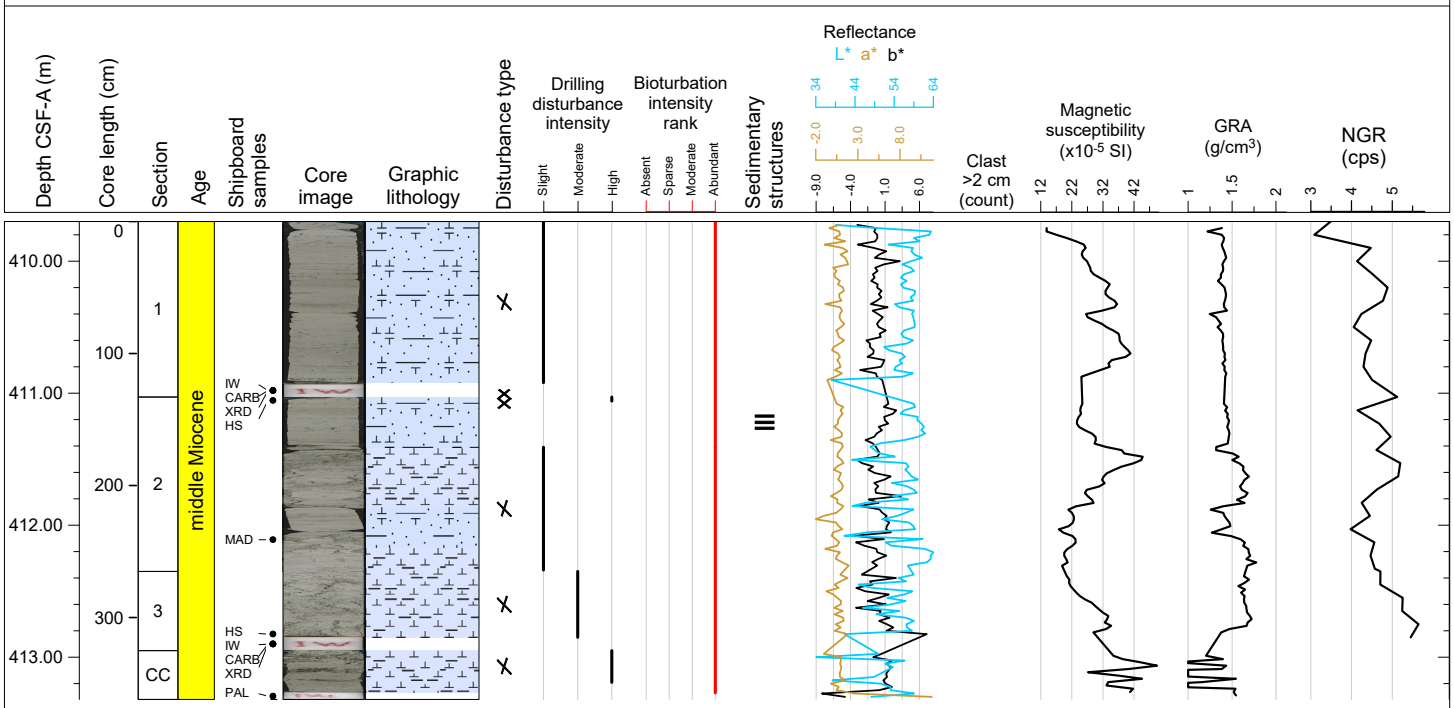
Hole 395C-U1562A Core 62X, Interval 400.0-404.52 m (CSF-A)

This core consists of pale yellow (5Y 8/2) NANNOFOSSIL CHALK and light gray (5Y 7/2) NANNOFOSSIL OOZE with BIOSILICA. Bioturbation is moderate throughout the core. Drilling disturbance in this core is slightly to highly fragmented.



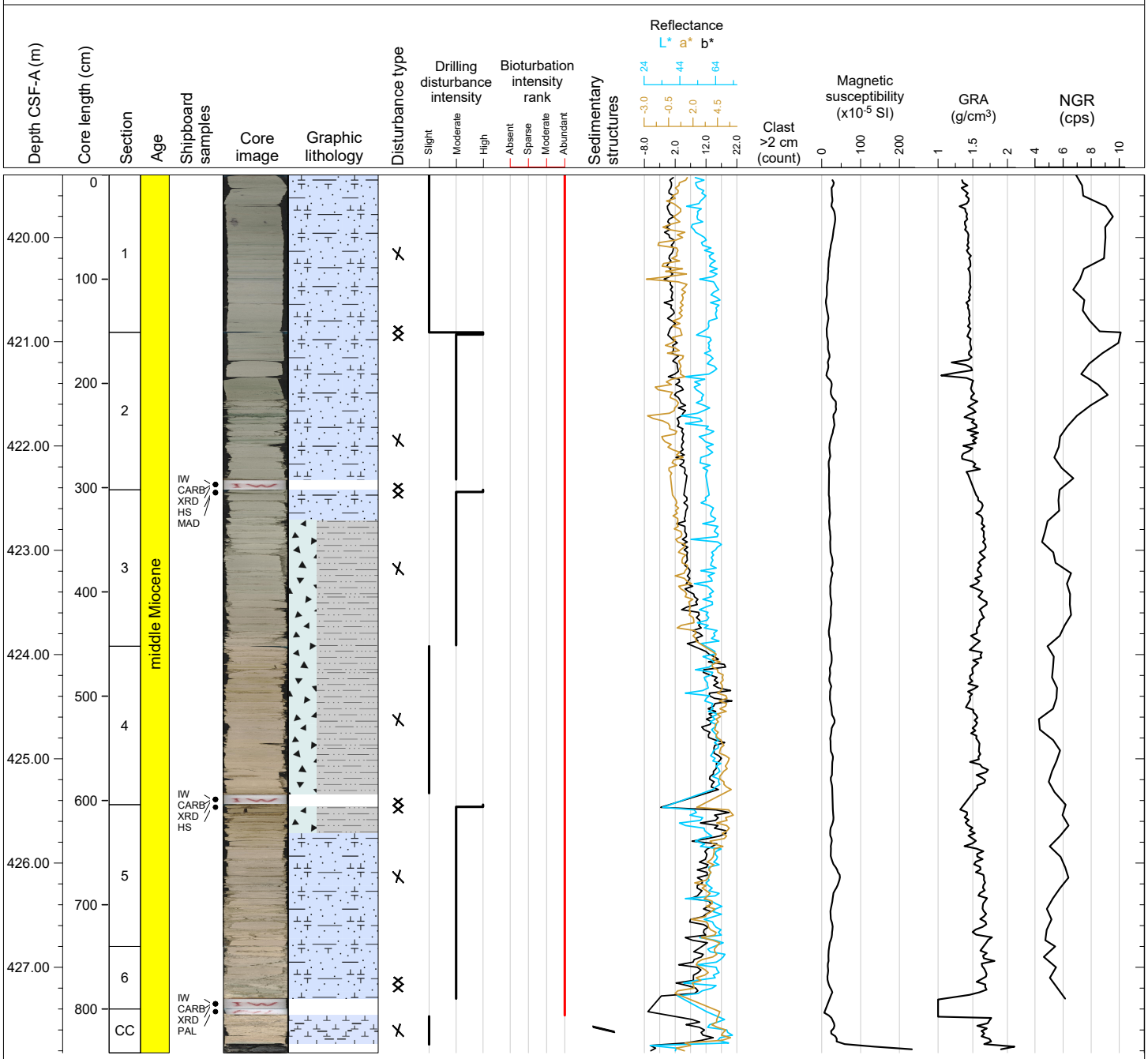
Hole 395C-U1562A Core 63X, Interval 409.7-413.32 m (CSF-A)

This core consists of pale yellow (5Y 8/2) NANNOFOSSIL CHALK and light gray (5Y 7/2) NANNOFOSSIL OOZE with BIOSILICA. Laminations are at a 15 degree angle to the core liner and are observed from 34-36 cm in Section 2. Bioturbation is moderate throughout the core. Bioturbation is stronger in NANNOFOSSIL OOZE with BIOSILICA than NANNOFOSSIL CHALK. Drilling disturbance in this core is slightly to highly fragmented in places.

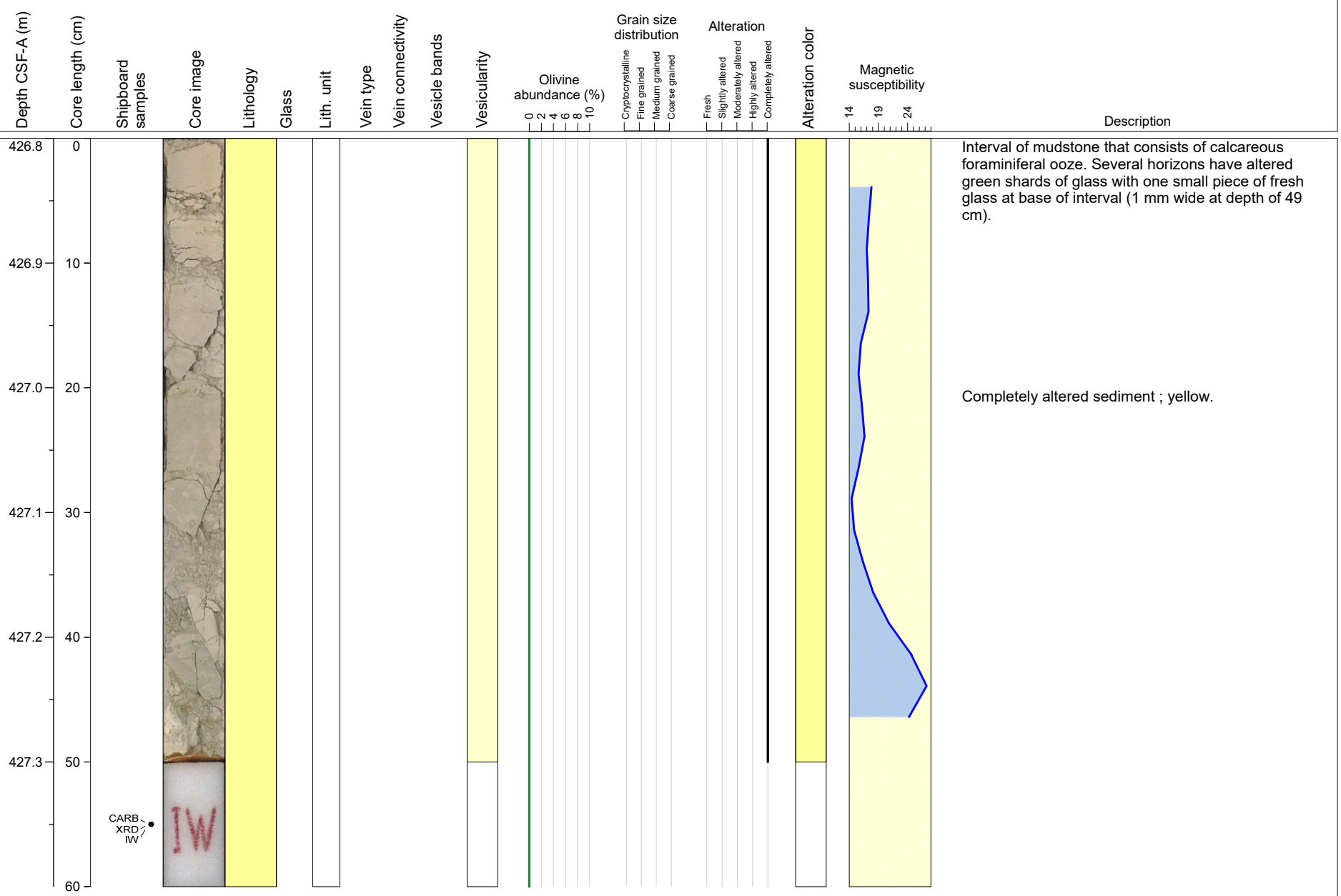


Hole 395C-U1562A Core 64X, Interval 419.4-427.82 m (CSF-A)

This core consists of light olive gray (5Y 6/2), light gray (5Y 7/2), pale yellow (5Y 8/2), white (5Y 8/1) to pale olive (5Y 6/3) NANNOFOSSIL CHALK and CARBONATE CLAYEY SILT or SILTY CLAY. Color is darker in CARBONATE CLAYEY SILT or SILTY CLAY than NANNOFOSSIL CHALK. Bioturbation is moderate to abundant. Drilling disturbance in this core is slightly fragmented, moderately fragmented and highly fragmented at various intervals.



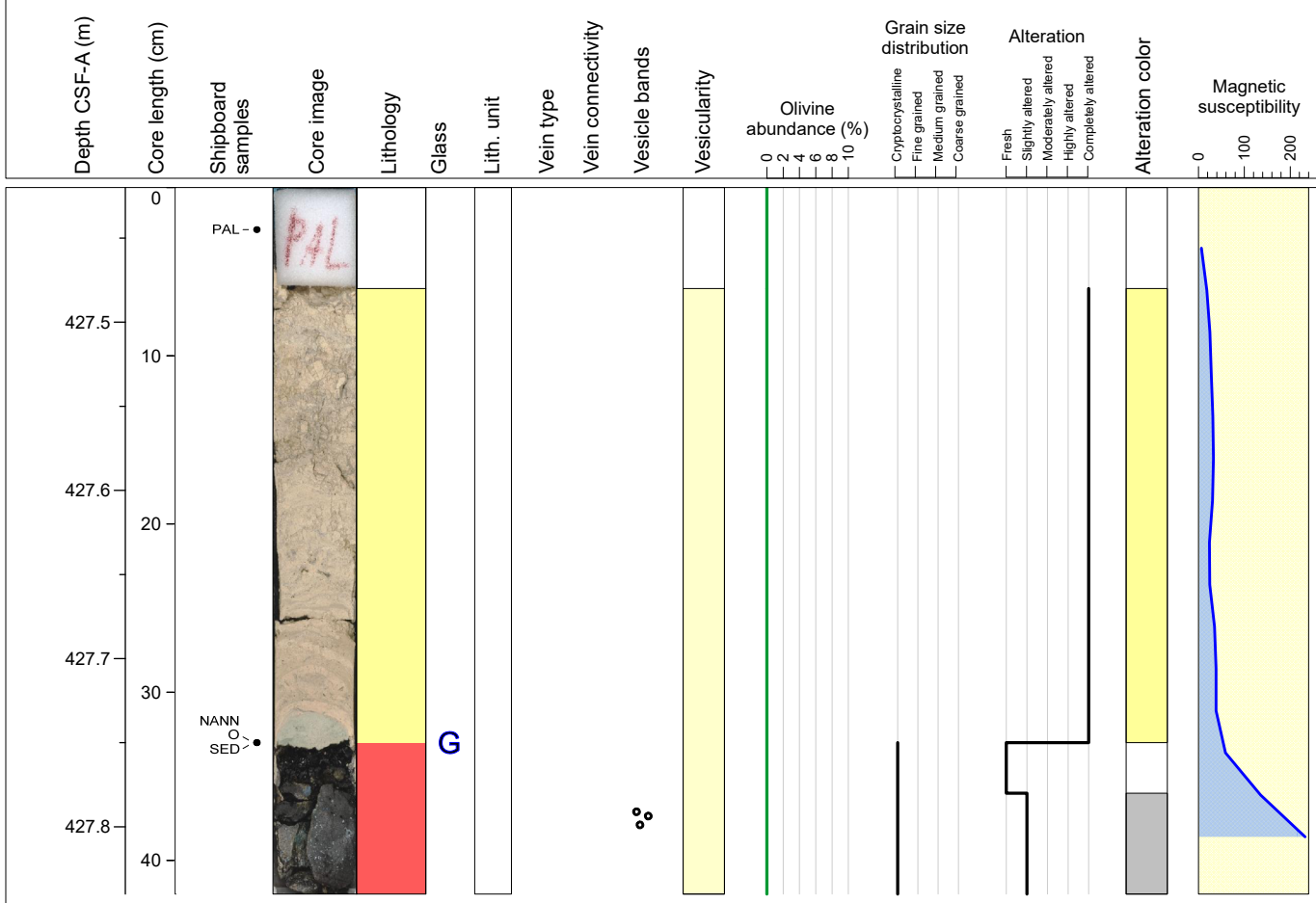
Hole 395C-U1562A-64X Section 6, Top of Section: 426.8 m (CSF-A)



Interval of mudstone that consists of calcareous foraminiferal ooze. Several horizons have altered green shards of glass with one small piece of fresh glass at base of interval (1 mm wide at depth of 49 cm).

Completely altered sediment ; yellow.

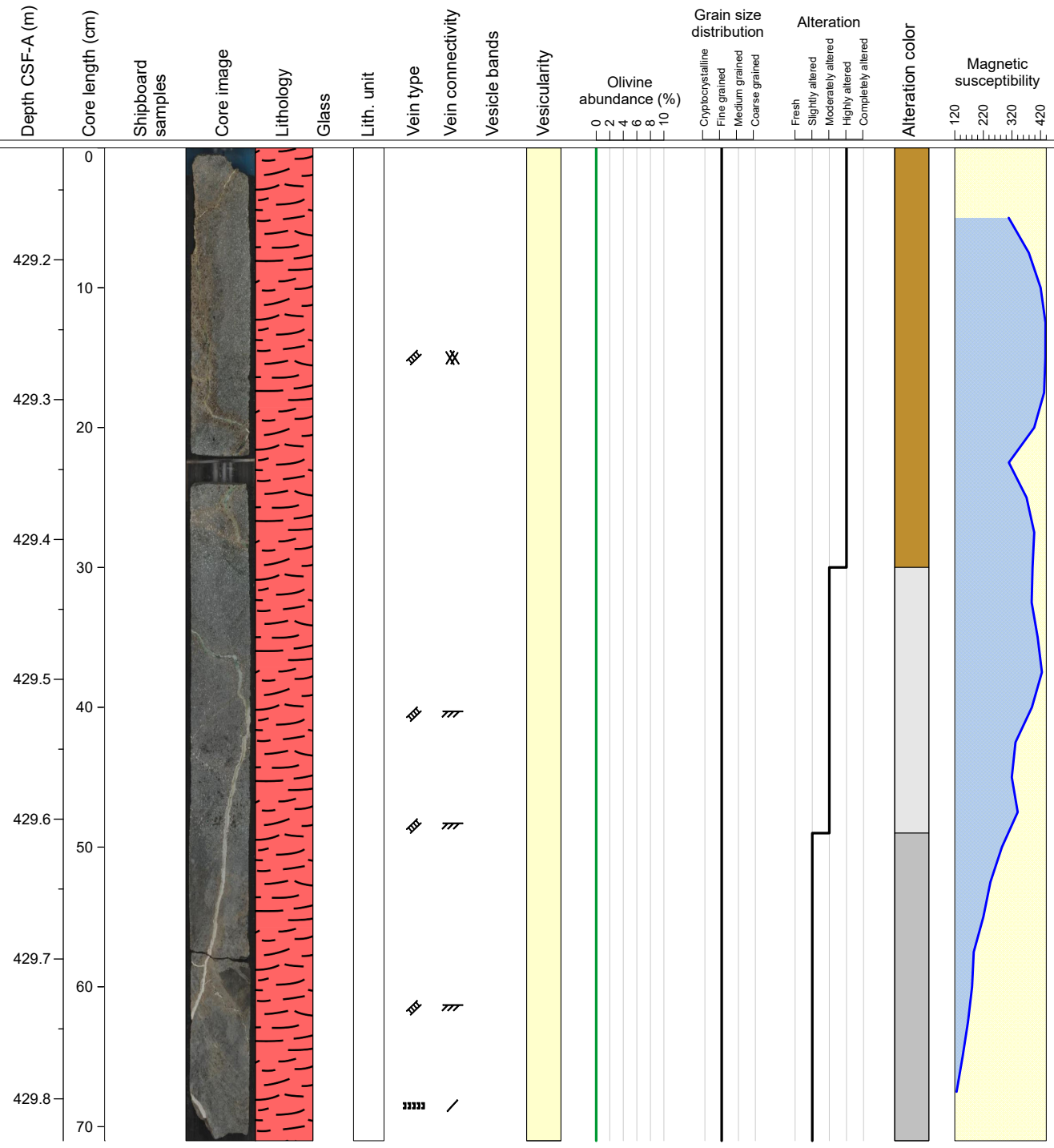
Hole 395C-U1562A-64X Section CC, Top of Section: 427.4 m (CSF-A)



Interval of mudstone overlying lava. Mudstone consists of calcareous foraminiferal ooze with patches of manganese oxide. Centimeter-scale laminations toward base of mudstone. Lava interval consists of fresh aphyric basalt that is cryptocrystalline. Planar

Fresh to slight basalt alteration ; light gray ; with veins of carbonate and celadonite. Complete sediment alteration ; yellow.

Hole 395C-U1562A-65X Section 1, Top of Section: 429.1 m (CSF-A)

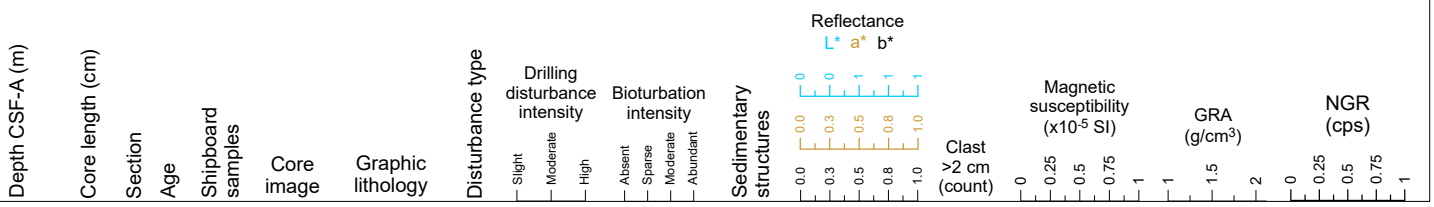


Sheet flow of fine-grained aphyric basalt that is massive and moderately altered with isolated filled veins. Groundmass is slightly coarser than in previous section. Highly vesicular, mostly filled.

Slight to moderate basalt alteration ; light/pale gray to brown ; with carbonate, phyllosilicates, and FeO/OH veins.

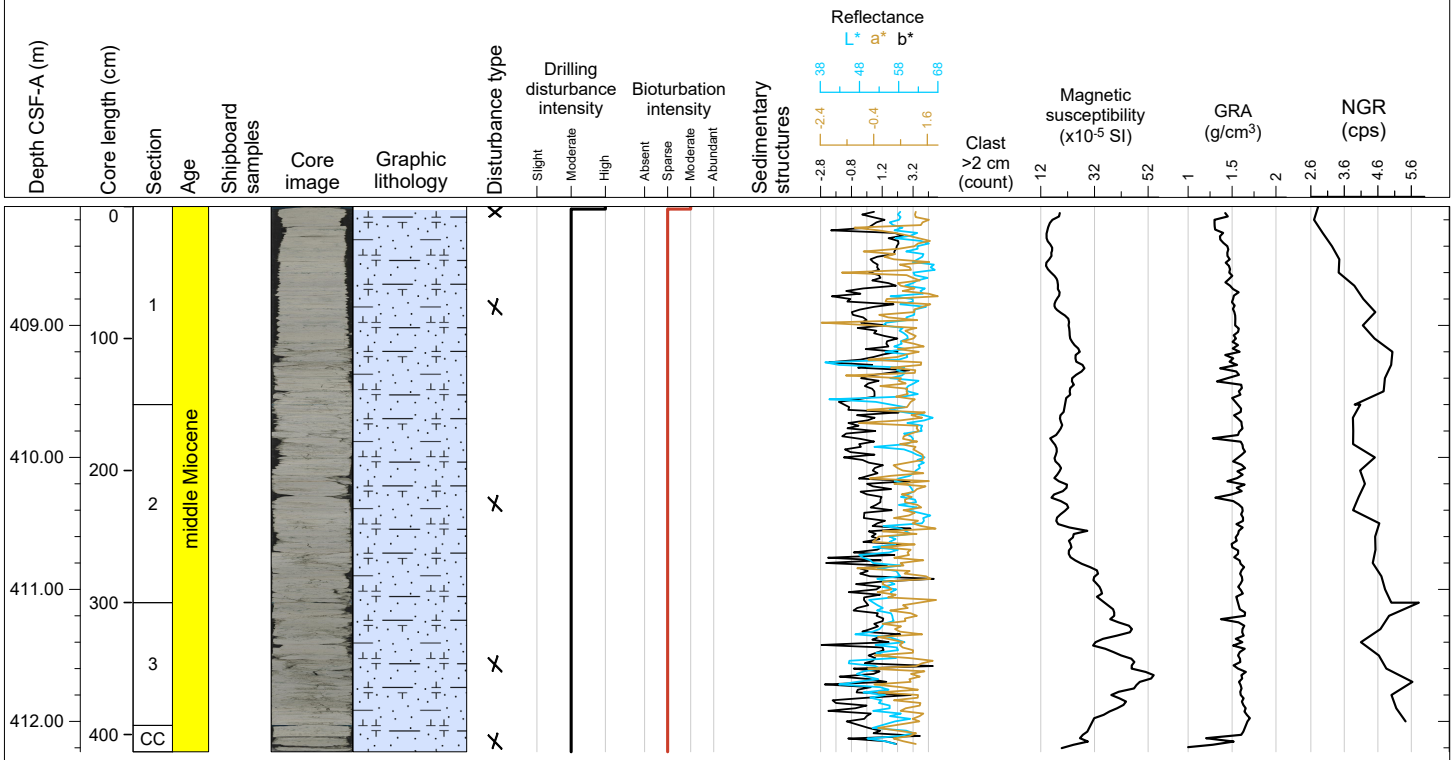
Hole 395C-U1562B Core 11, Interval 0.0-0.0 m (CSF-A)

DRILLED INTERVAL 0.0-408.1 m



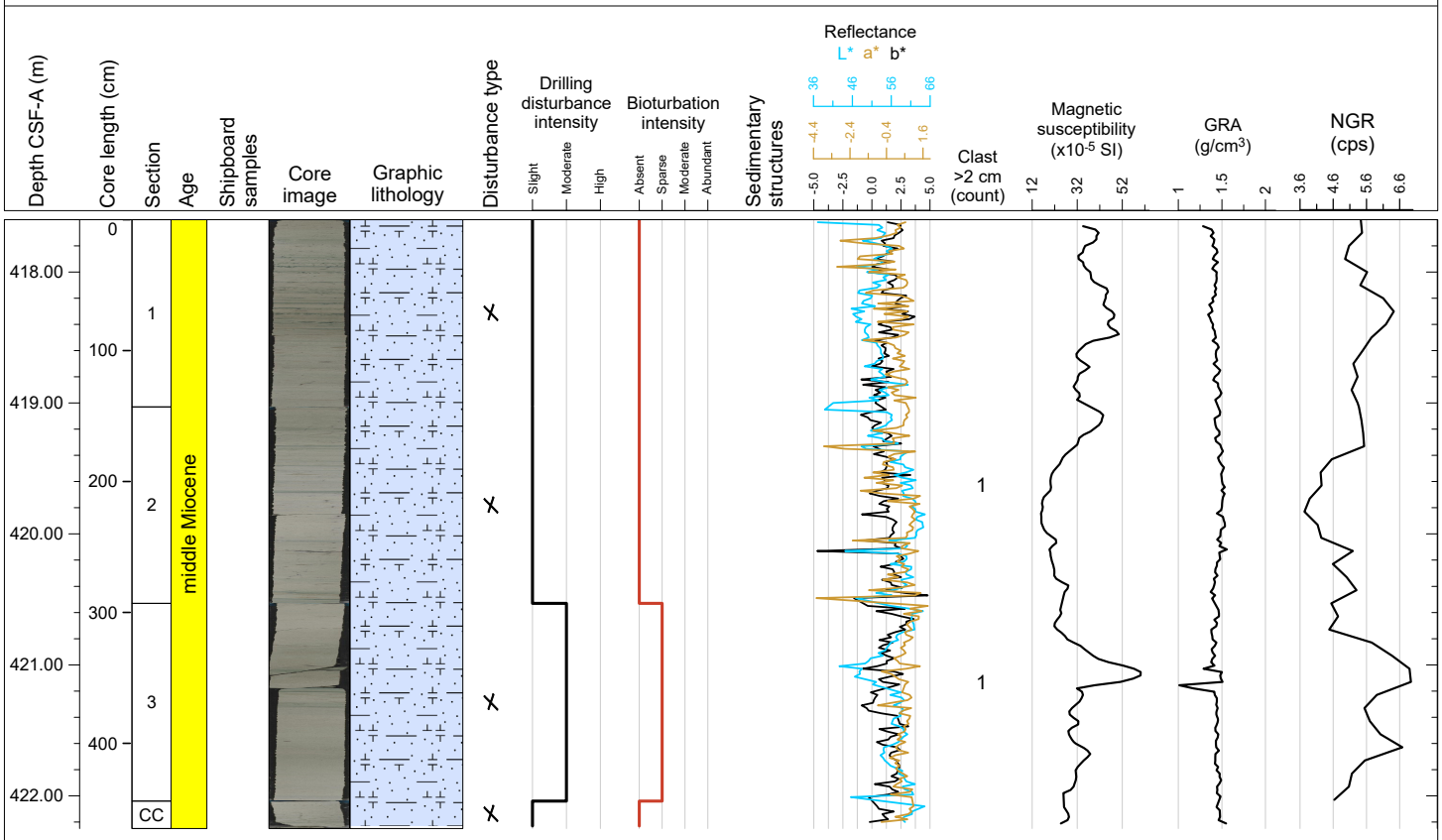
Hole 395C-U1562B Core 2R, Interval 408.1-412.23 m (CSF-A)

This core consists of dominantly light gray (5Y 7/2) to white (5Y 8/1) NANNOFOSSIL CHALK. Bioturbation is abundant throughout. This core is moderately fragmented.



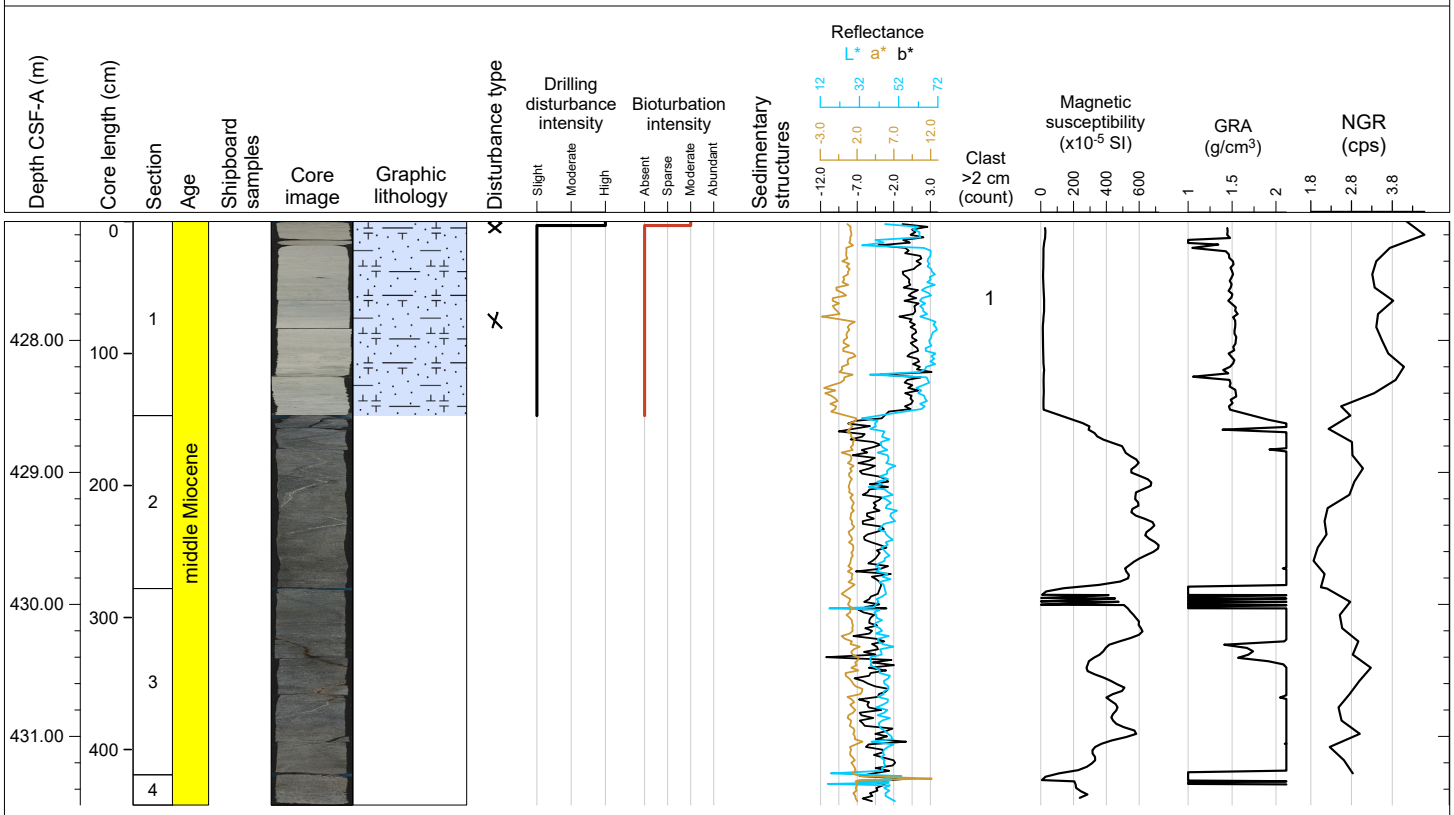
Hole 395C-U1562B Core 3R, Interval 417.6-422.25 m (CSF-A)

This core consists of dominantly light gray (5Y 7/2) NANNOFOSSIL CHALK. Bioturbation is absent to sparse.

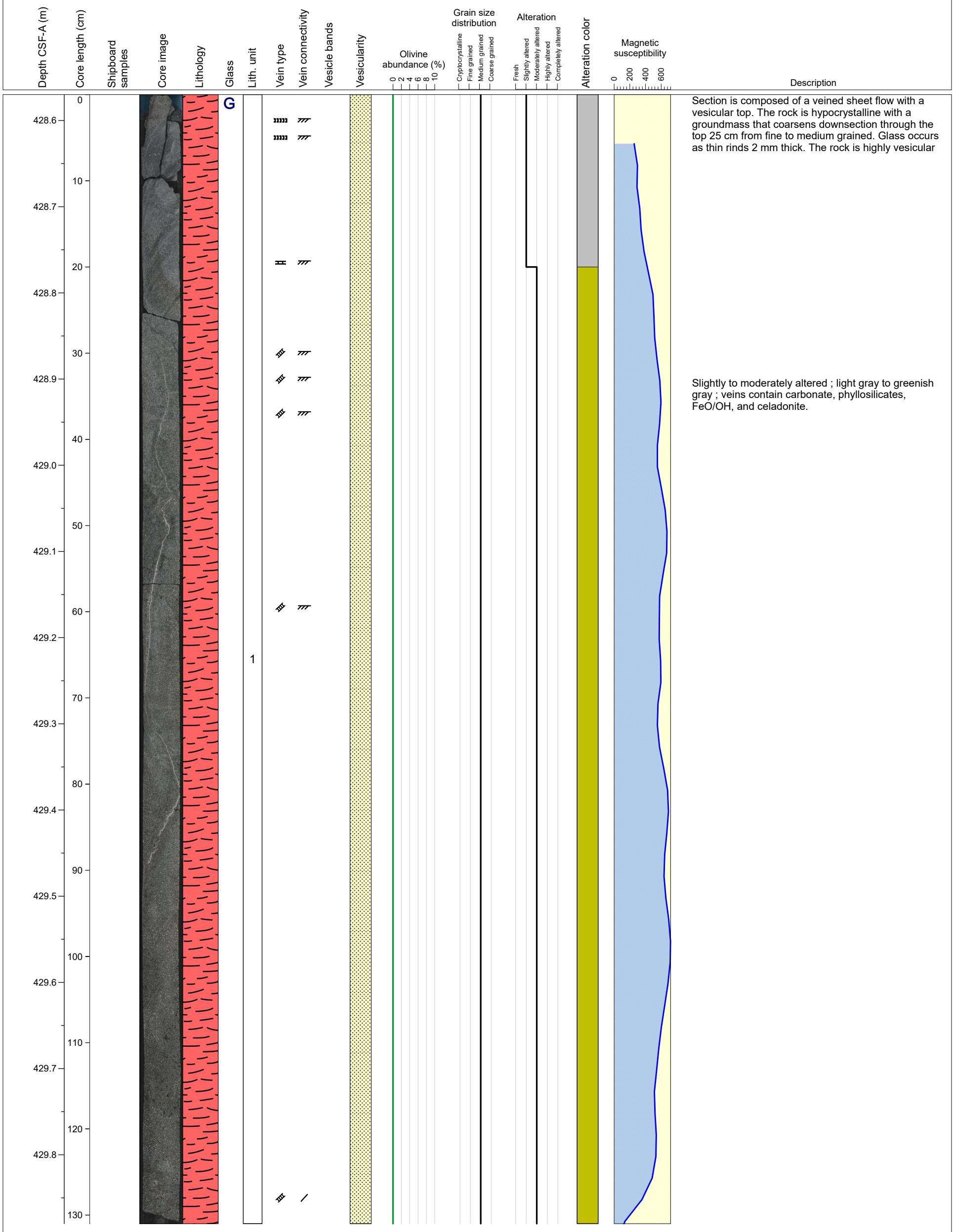


Hole 395C-U1562B Core 4R, Interval 427.1-431.52 m (CSF-A)

Section 1 consists of nannofossil chalk



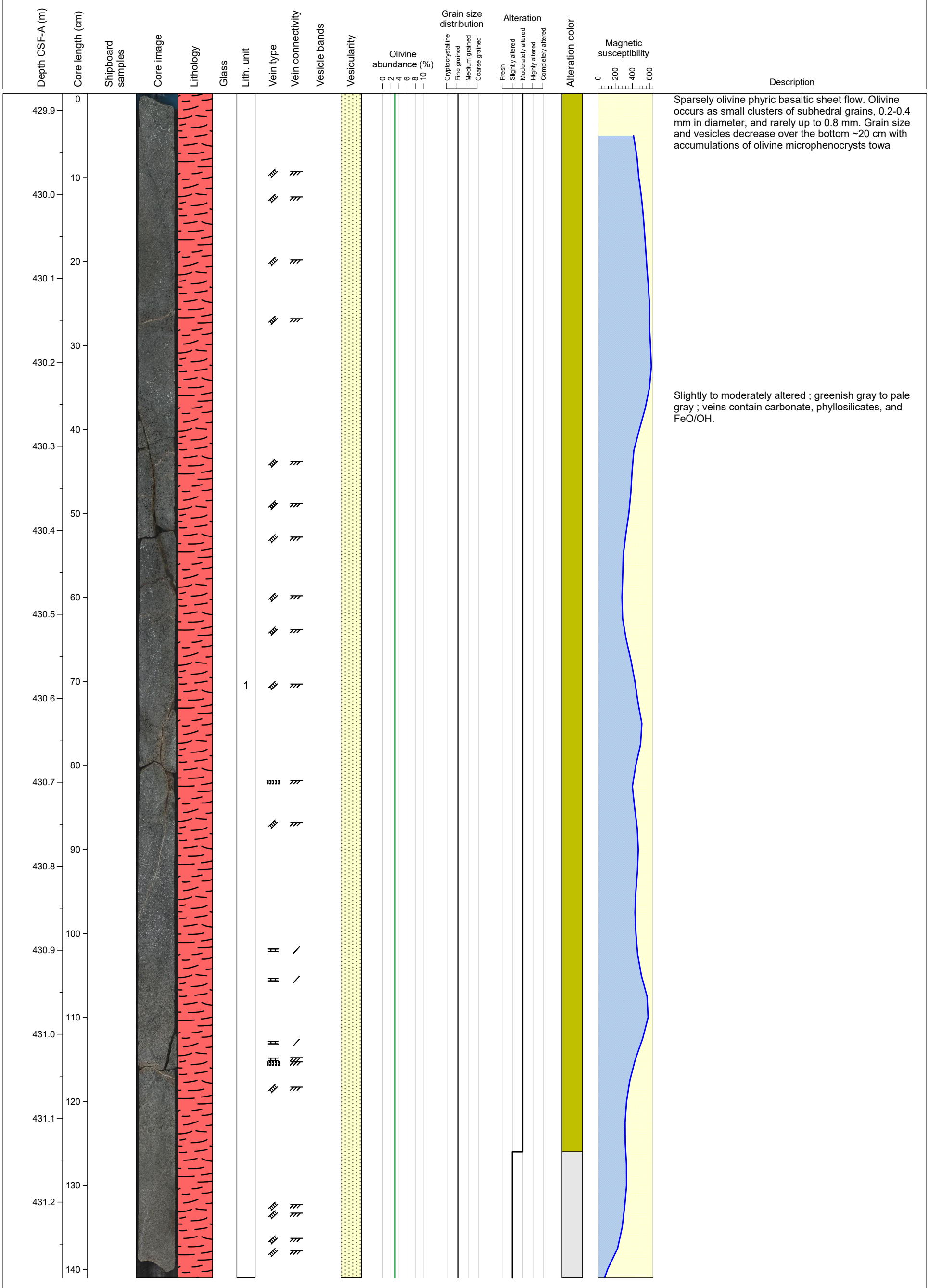
Hole 395C-U1562B-4R Section 2, Top of Section: 428.57 m (CSF-A)



Section is composed of a veined sheet flow with a vesicular top. The rock is hypocrystalline with a groundmass that coarsens downsection through the top 25 cm from fine to medium grained. Glass occurs as thin rinds 2 mm thick. The rock is highly vesicular

Slightly to moderately altered ; light gray to greenish gray ; veins contain carbonate, phyllosilicates, FeO/OH, and celadonite.

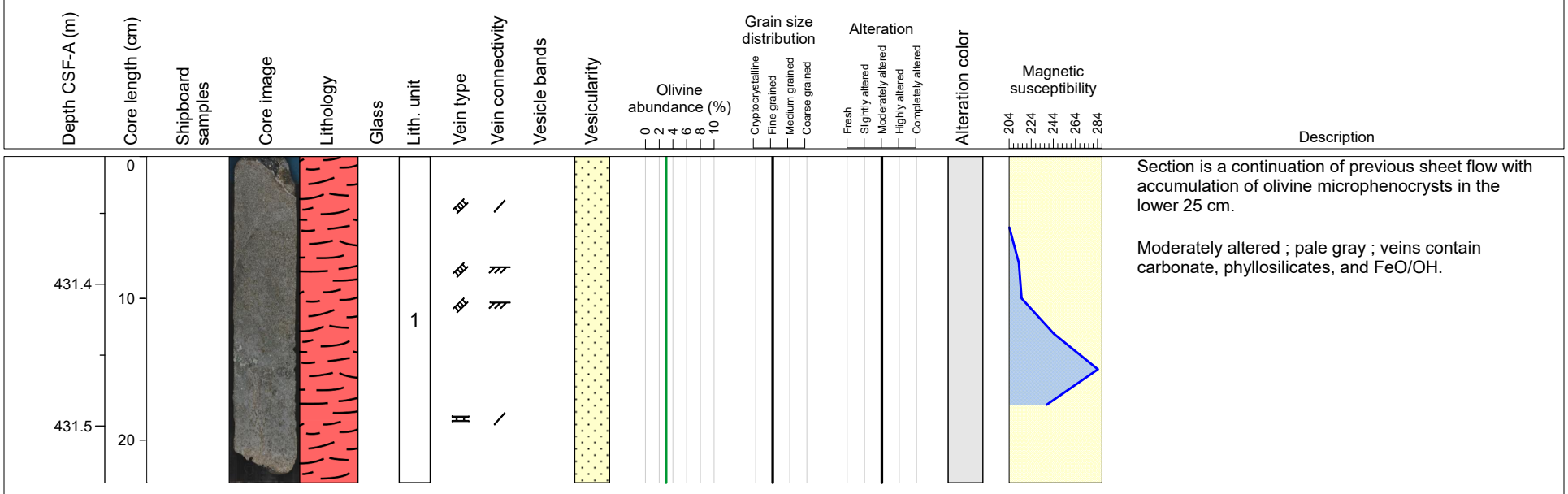
Hole 395C-U1562B-4R Section 3, Top of Section: 429.88 m (CSF-A)



Sparsely olivine phyric basaltic sheet flow. Olivine occurs as small clusters of subhedral grains, 0.2-0.4 mm in diameter, and rarely up to 0.8 mm. Grain size and vesicles decrease over the bottom ~20 cm with accumulations of olivine microphenocrysts towa

Slightly to moderately altered ; greenish gray to pale gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

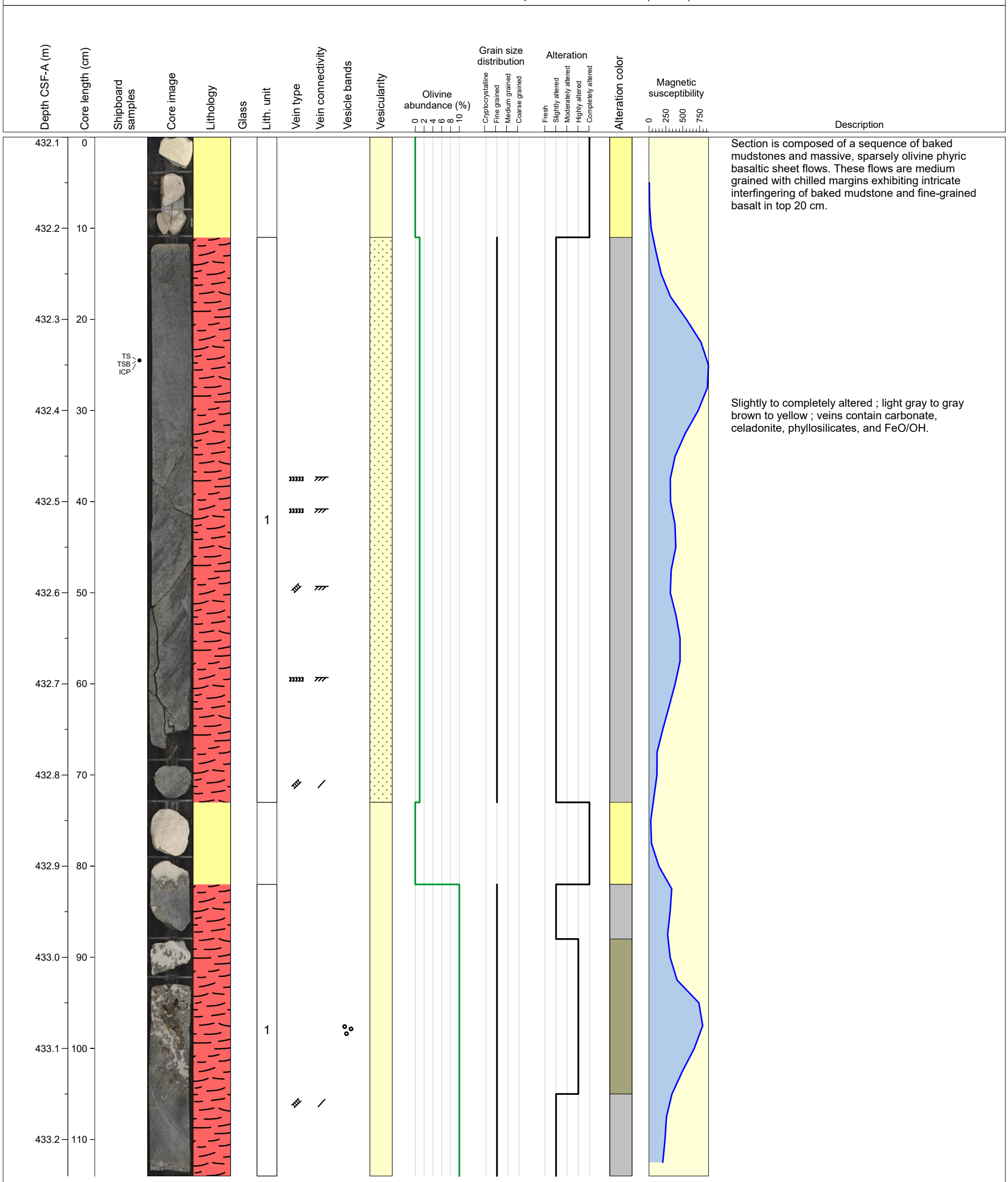
Hole 395C-U1562B-4R Section 4, Top of Section: 431.29 m (CSF-A)



Section is a continuation of previous sheet flow with accumulation of olivine microphenocrysts in the lower 25 cm.

Moderately altered ; pale gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

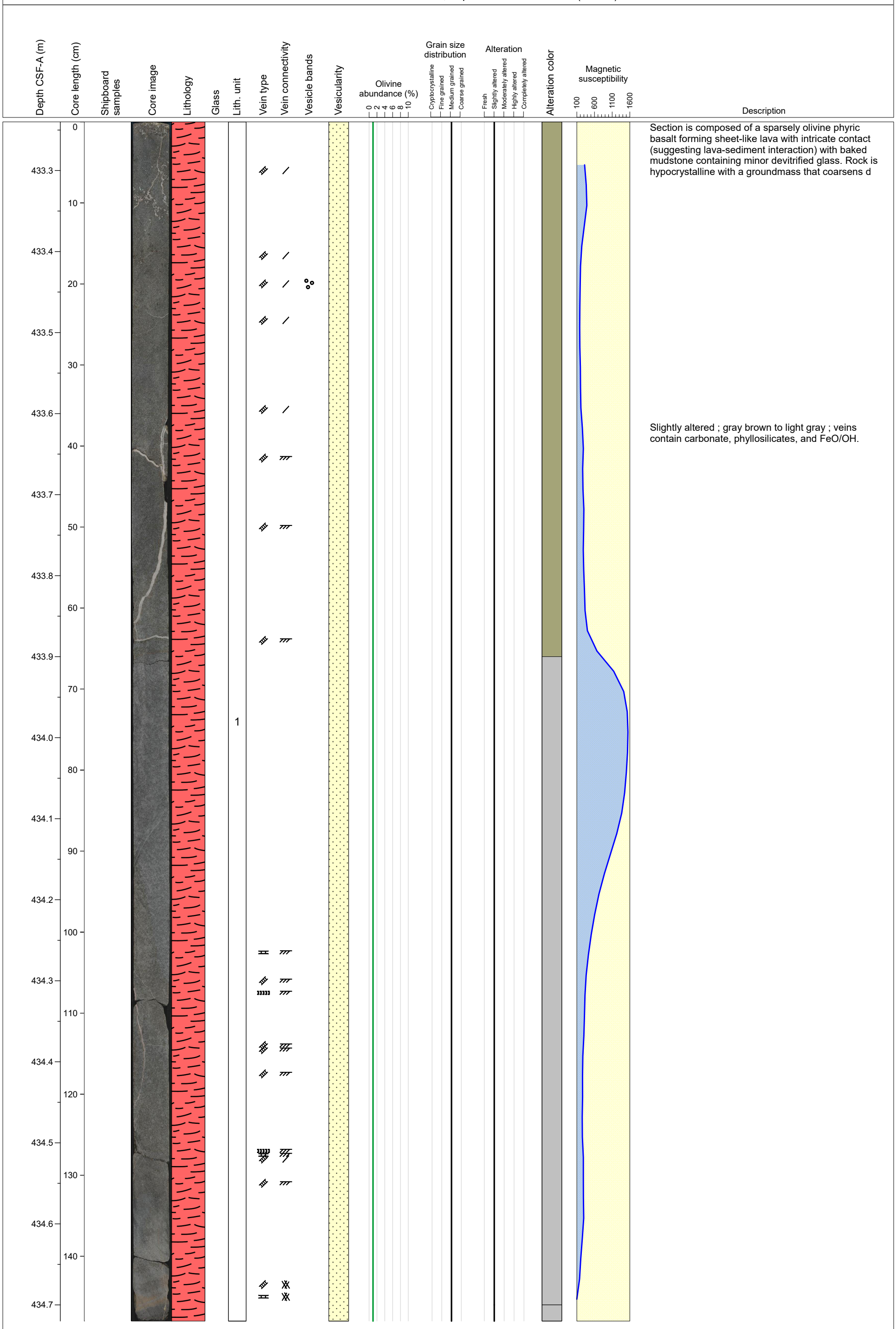
Hole 395C-U1562B-5R Section 1, Top of Section: 432.1 m (CSF-A)



Section is composed of a sequence of baked mudstones and massive, sparsely olivine phyric basaltic sheet flows. These flows are medium grained with chilled margins exhibiting intricate interfingering of baked mudstone and fine-grained basalt in top 20 cm.

Slightly to completely altered ; light gray to gray brown to yellow ; veins contain carbonate, celadonite, phyllosilicates, and FeO/OH.

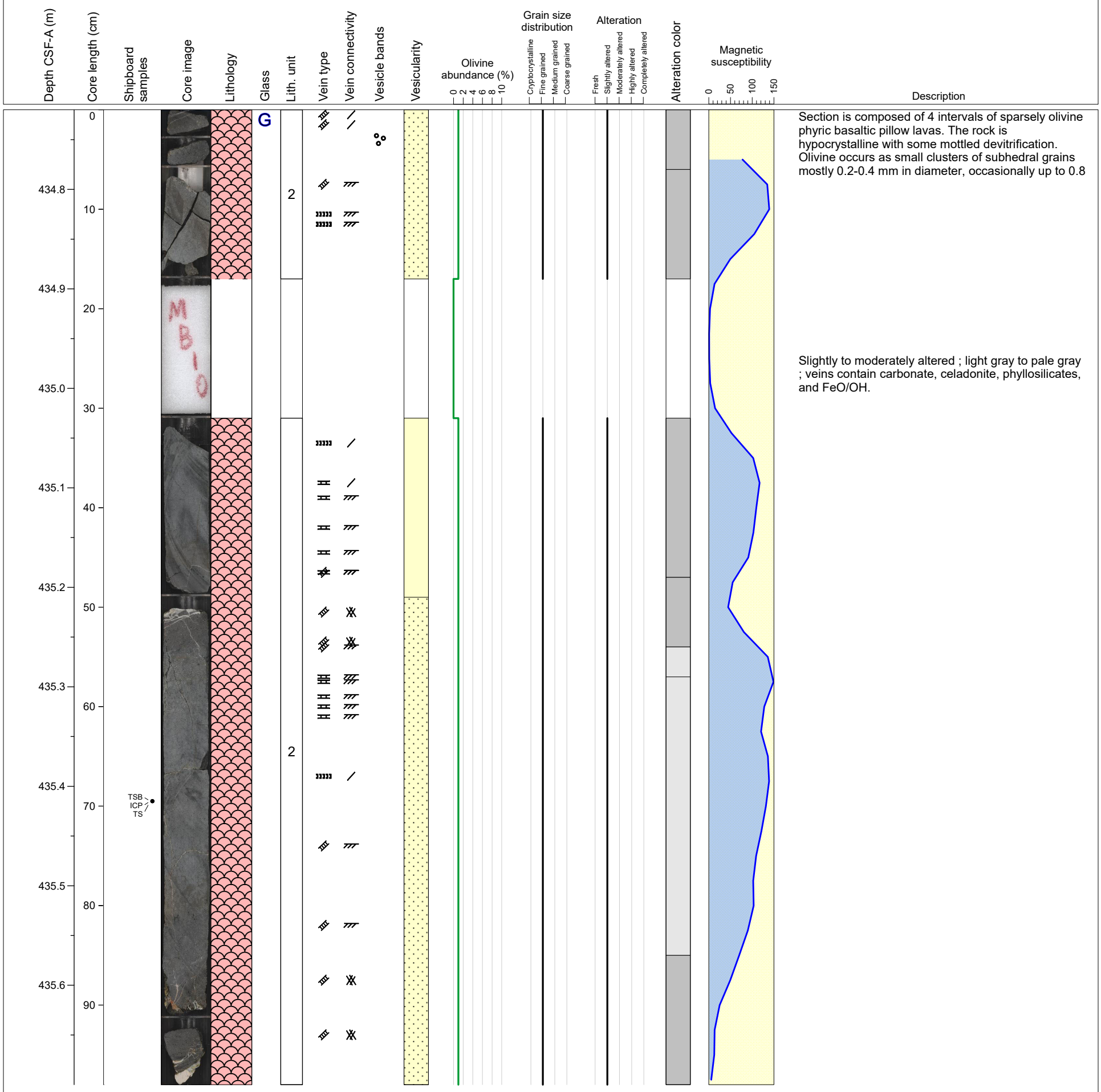
Hole 395C-U1562B-5R Section 2, Top of Section: 433.24 m (CSF-A)



Section is composed of a sparsely olivine phyric basalt forming sheet-like lava with intricate contact (suggesting lava-sediment interaction) with baked mudstone containing minor devitrified glass. Rock is hypocrystalline with a groundmass that coarsens d

Slightly altered ; gray brown to light gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

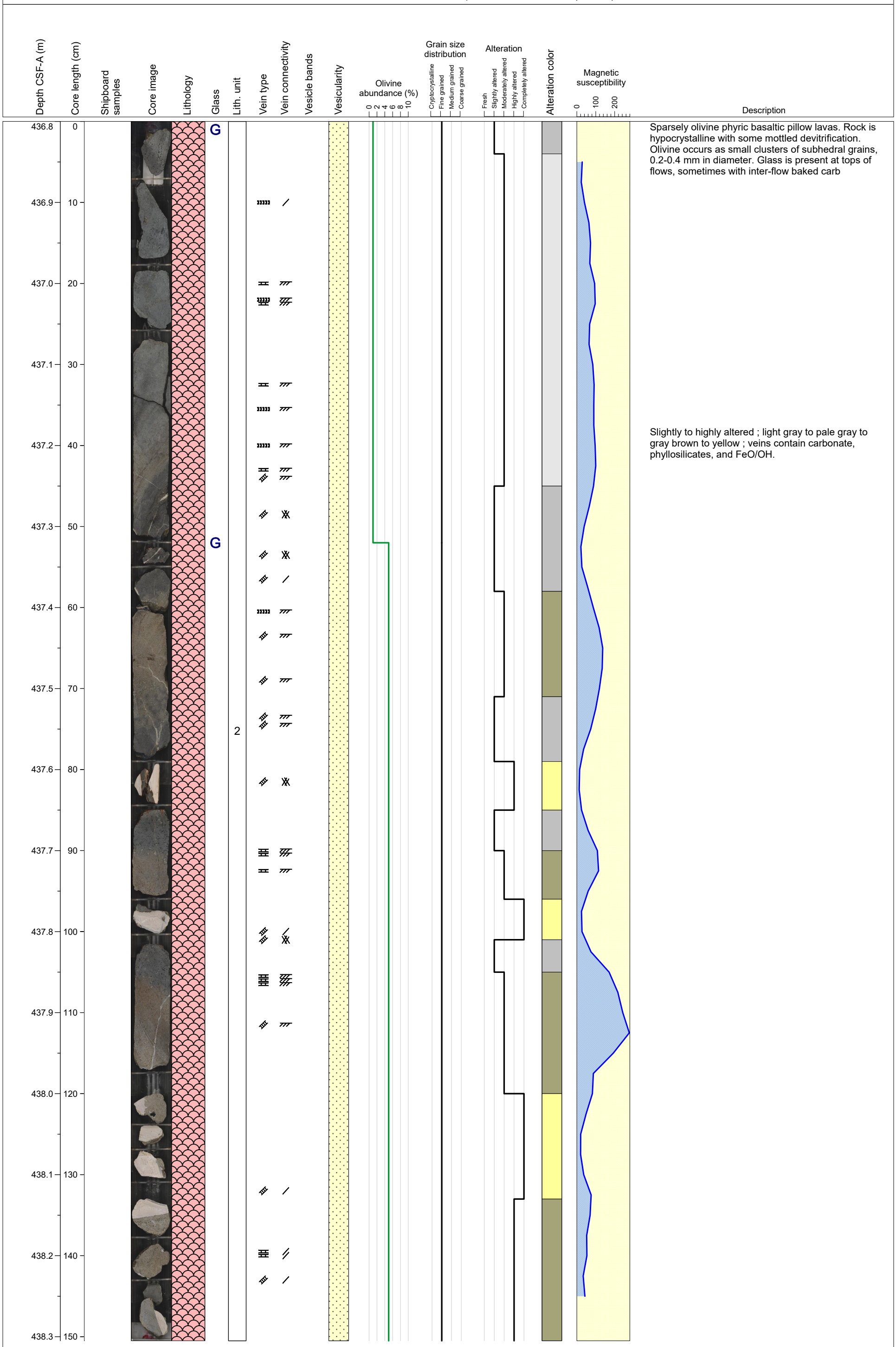
Hole 395C-U1562B-5R Section 3, Top of Section: 434.72 m (CSF-A)



Section is composed of 4 intervals of sparsely olivine phyric basaltic pillow lavas. The rock is hypocrystalline with some mottled devitrification. Olivine occurs as small clusters of subhedral grains mostly 0.2-0.4 mm in diameter, occasionally up to 0.8

Slightly to moderately altered ; light gray to pale gray ; veins contain carbonate, celadonite, phyllosilicates, and FeO/OH.

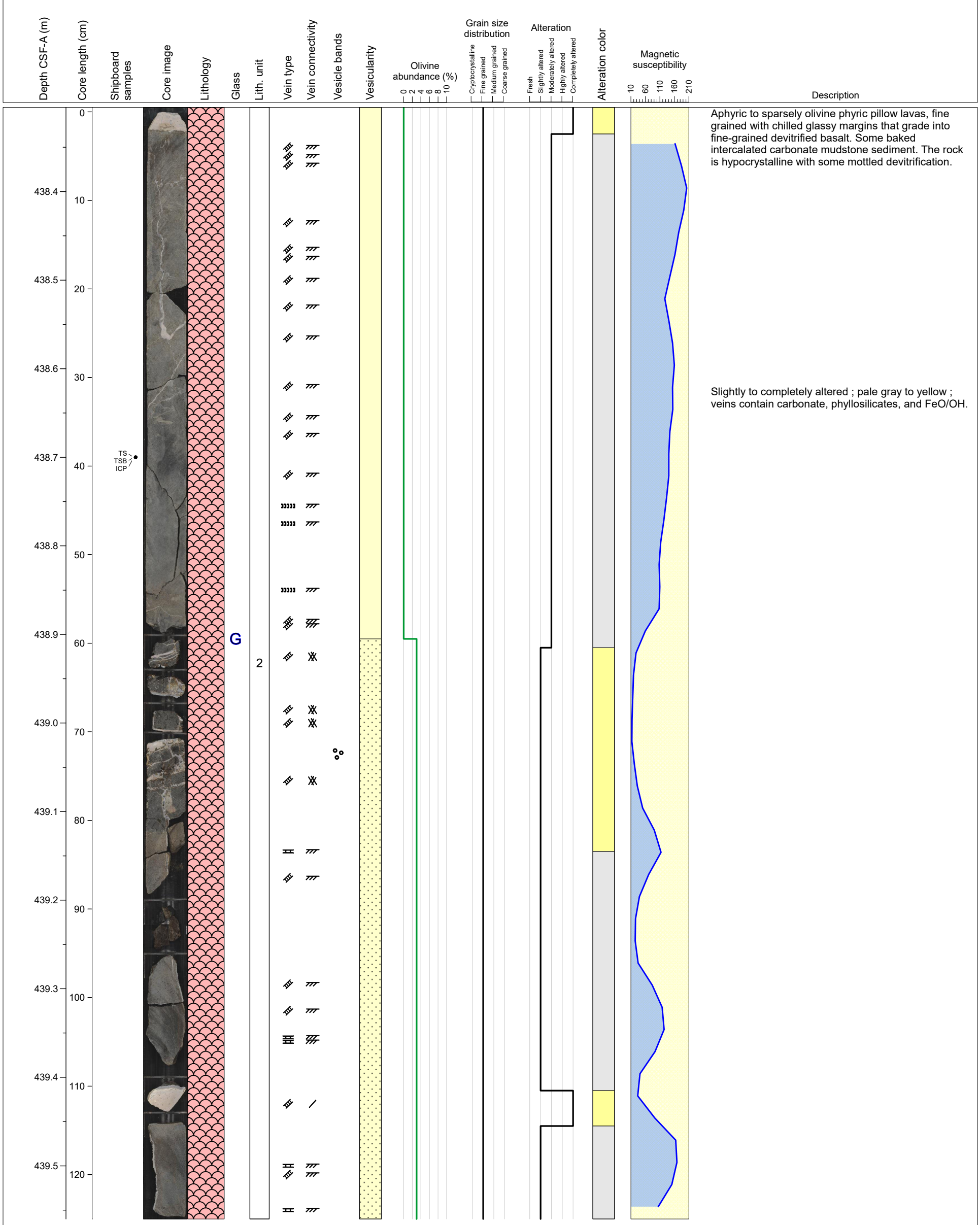
Hole 395C-U1562B-6R Section 1, Top of Section: 436.8 m (CSF-A)



Sparsely olivine phyric basaltic pillow lavas. Rock is hypocrystalline with some mottled devitrification. Olivine occurs as small clusters of subhedral grains, 0.2-0.4 mm in diameter. Glass is present at tops of flows, sometimes with inter-flow baked carb

Slightly to highly altered ; light gray to pale gray to gray brown to yellow ; veins contain carbonate, phyllosilicates, and FeO/OH.

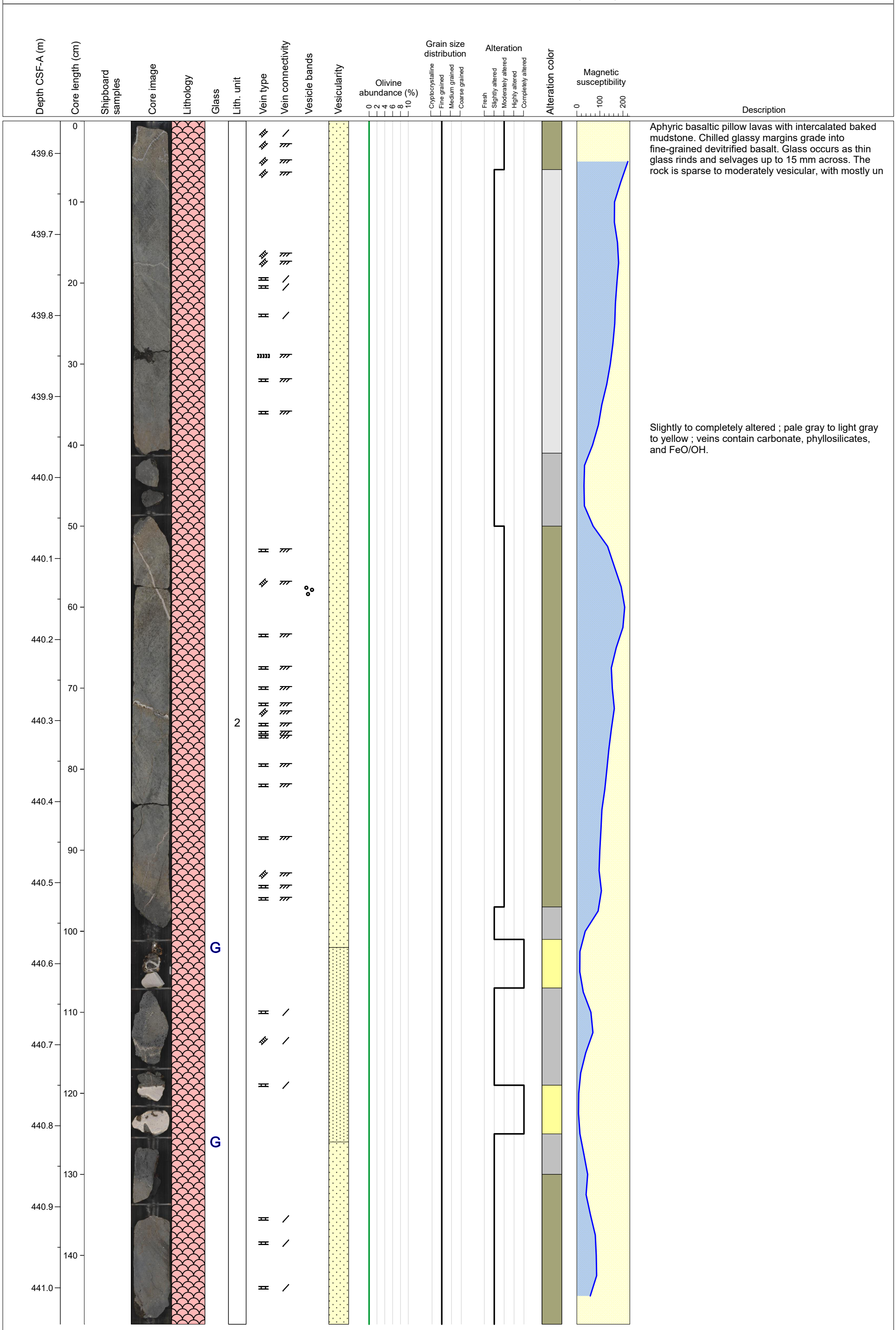
Hole 395C-U1562B-6R Section 2, Top of Section: 438.305 m (CSF-A)



Aphyric to sparsely olivine phyric pillow lavas, fine grained with chilled glassy margins that grade into fine-grained devitrified basalt. Some baked intercalated carbonate mudstone sediment. The rock is hypocrystalline with some mottled devitrification.

Slightly to completely altered ; pale gray to yellow ; veins contain carbonate, phyllosilicates, and FeO/OH.

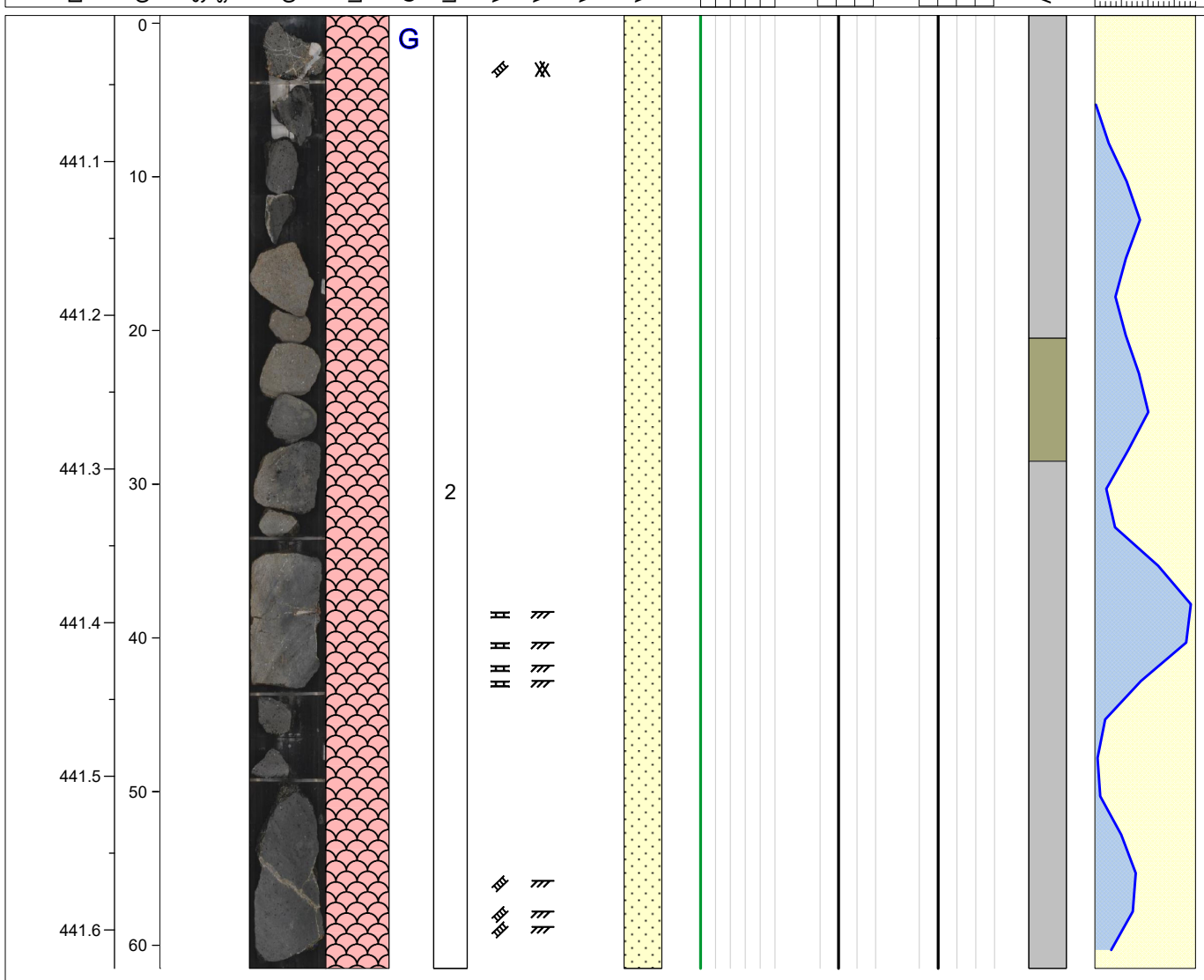
Hole 395C-U1562B-6R Section 3, Top of Section: 439.56 m (CSF-A)



Aphyric basaltic pillow lavas with intercalated baked mudstone. Chilled glassy margins grade into fine-grained devitrified basalt. Glass occurs as thin glass rinds and selvages up to 15 mm across. The rock is sparse to moderately vesicular, with mostly un

Slightly to completely altered ; pale gray to light gray to yellow ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-6R Section 4, Top of Section: 441.045 m (CSF-A)



Description

Mixed glassy aphyric basaltic pillow fragments, fine grained with chilled margins. The rock is hypocrystalline with a groundmass that is variably altered. Glassy rinds are intercalated with baked carbonate mudstone. Glass also occurs as thick rind up to ~

Slightly altered ; light gray to gray brown to pale gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-7R Section 1, Top of Section: 441.8 m (CSF-A)

Depth CSF-A (m) | Core length (cm) | Shipboard samples | Core image | Lithology | Glass | Lith. unit | Vein type | Vein connectivity | Vesicle bands | Vesicularity | Olivine abundance (%) 0 2 4 6 8 10 | Grain size distribution: Cryptocrystalline, Fine grained, Medium grained, Coarse grained | Alteration: Fresh, Slightly altered, Moderately altered, Highly altered, Completely altered | Alteration color | Magnetic susceptibility 0 50 100 150 200 | Description

441.8 (0)
441.9 (10)
442.0 (20)
442.1 (30)
442.2 (40)
442.3 (50)
442.4 (60)
442.5 (70)
442.6 (80)
442.7 (90)
442.8 (100)
442.9 (110)
443.0 (120)
443.1 (130)

G

2

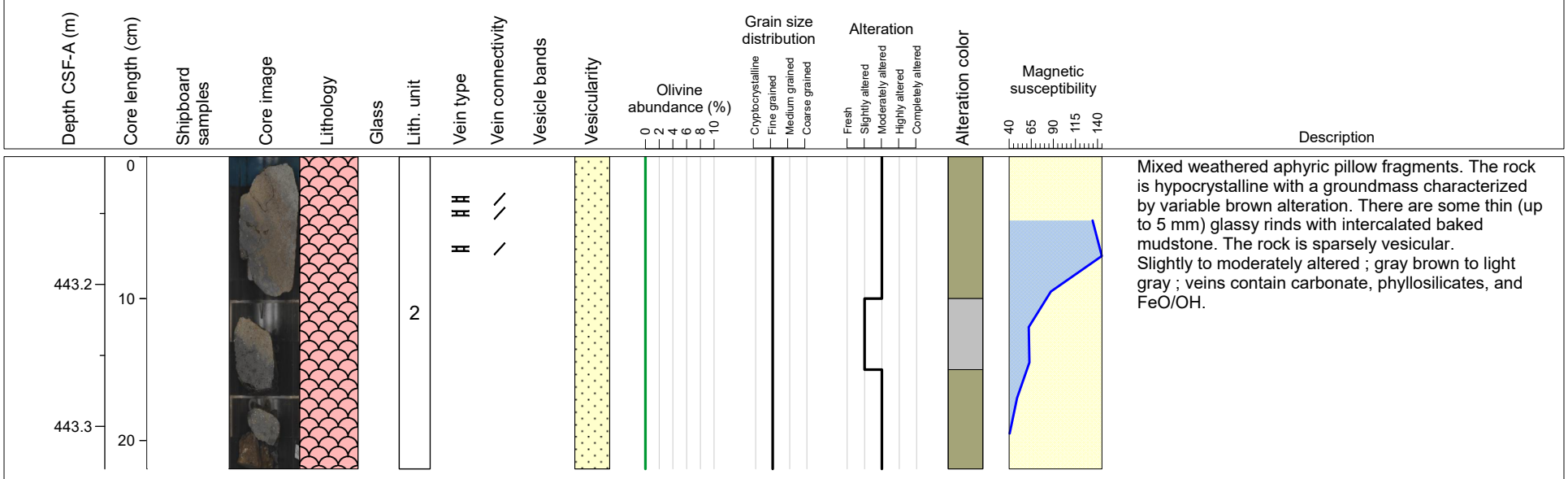
2

2

Mixed aphyric pillow fragments, with brown/orange oxidation towards base. The rock is hypocrystalline and contains abundant spinifex-textured olivine within the groundmass. The rock is sparsely and variably vesicular, with abundant zeolite filling.

Slightly to moderately altered ; pale gray to light gray to gray brown to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-7R Section 2, Top of Section: 443.13 m (CSF-A)



Description

Mixed weathered aphyric pillow fragments. The rock is hypocrystalline with a groundmass characterized by variable brown alteration. There are some thin (up to 5 mm) glassy rinds with intercalated baked mudstone. The rock is sparsely vesicular. Slightly to moderately altered ; gray brown to light gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-8R Section 1, Top of Section: 446.5 m (CSF-A)

Depth CSF-A (m) | Core length (cm) | Shipboard samples | Core image | Lithology | Glass | Lith. unit | Vein type | Vein connectivity | Vesicle bands | Vesicularity | Olivine abundance (%) 0 2 4 6 8 10 | Grain size distribution: Cryptocrystalline, Fine grained, Medium grained, Coarse grained | Alteration: Fresh, Slightly altered, Moderately altered, Highly altered, Completely altered | Alteration color | Magnetic susceptibility 0 50 100 150

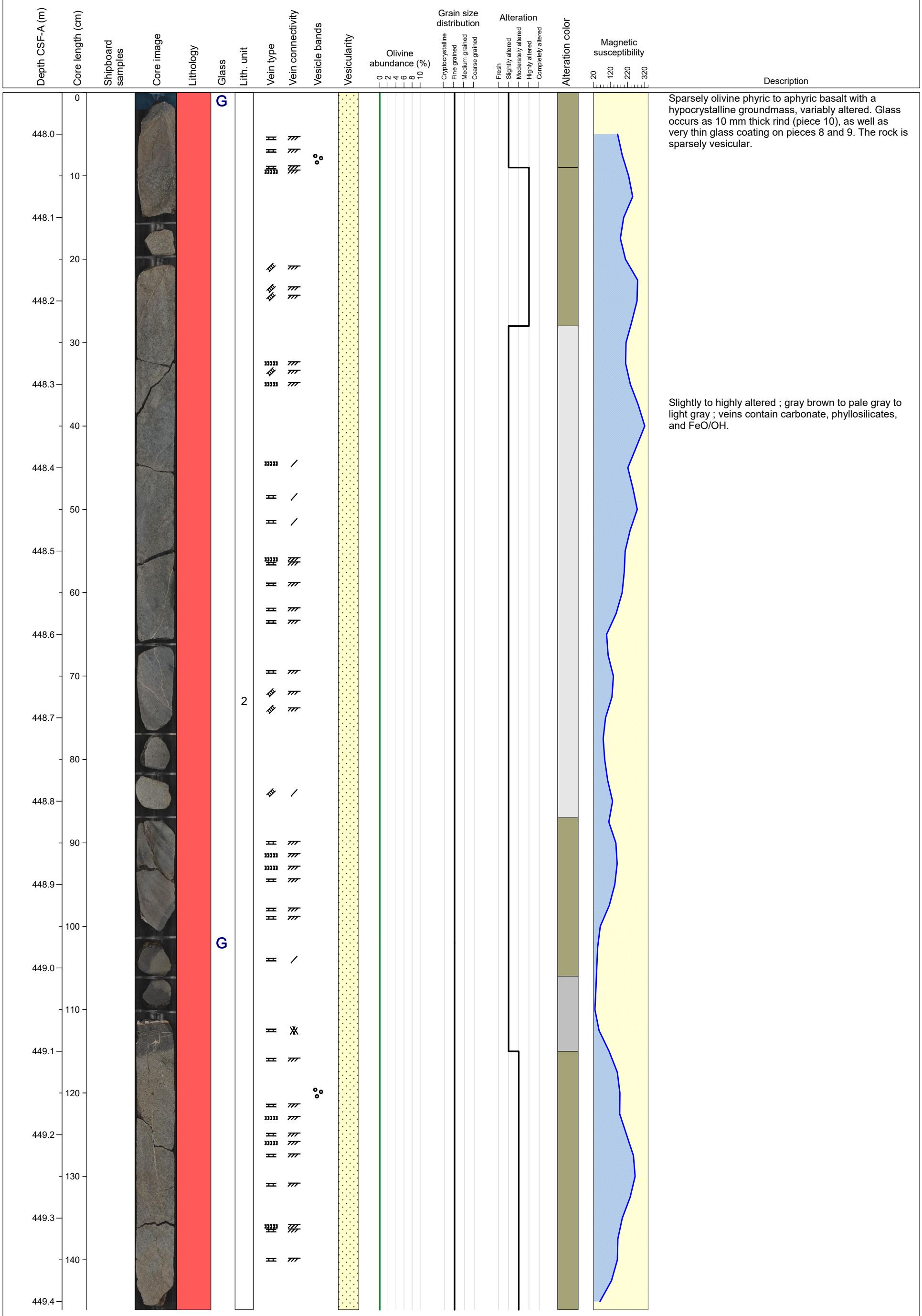
446.5 (0) G
446.6 (10)
446.7 (20)
446.8 (30)
446.9 (40)
447.0 (50)
447.1 (60)
447.2 (70) 2
447.3 (80) G
447.4 (90)
447.5 (100)
447.6 (110)
447.7 (120)
447.8 (130)
447.9 (140)

Description

Section is composed of aphyric basaltic basaltic pillow lava fragments with some glassy rinds and intercalated baked mudstone. Rock is hypocrystalline with a groundmass that has variable brown alteration. Glass occurs as thin rinds (up to 5 mm) on pieces

Slightly to moderately altered ; gray brown to light gray to pale gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

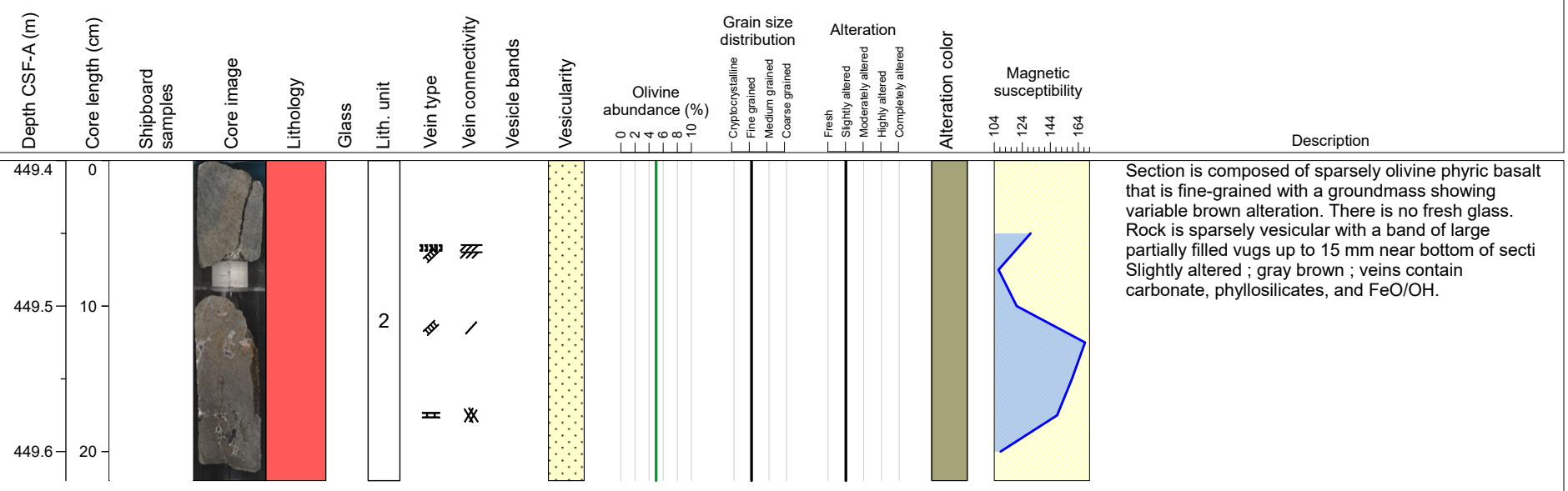
Hole 395C-U1562B-8R Section 2, Top of Section: 447.95 m (CSF-A)



Sparsely olivine phyric to aphyric basalt with a hypocrystalline groundmass, variably altered. Glass occurs as 10 mm thick rind (piece 10), as well as very thin glass coating on pieces 8 and 9. The rock is sparsely vesicular.

Slightly to highly altered ; gray brown to pale gray to light gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

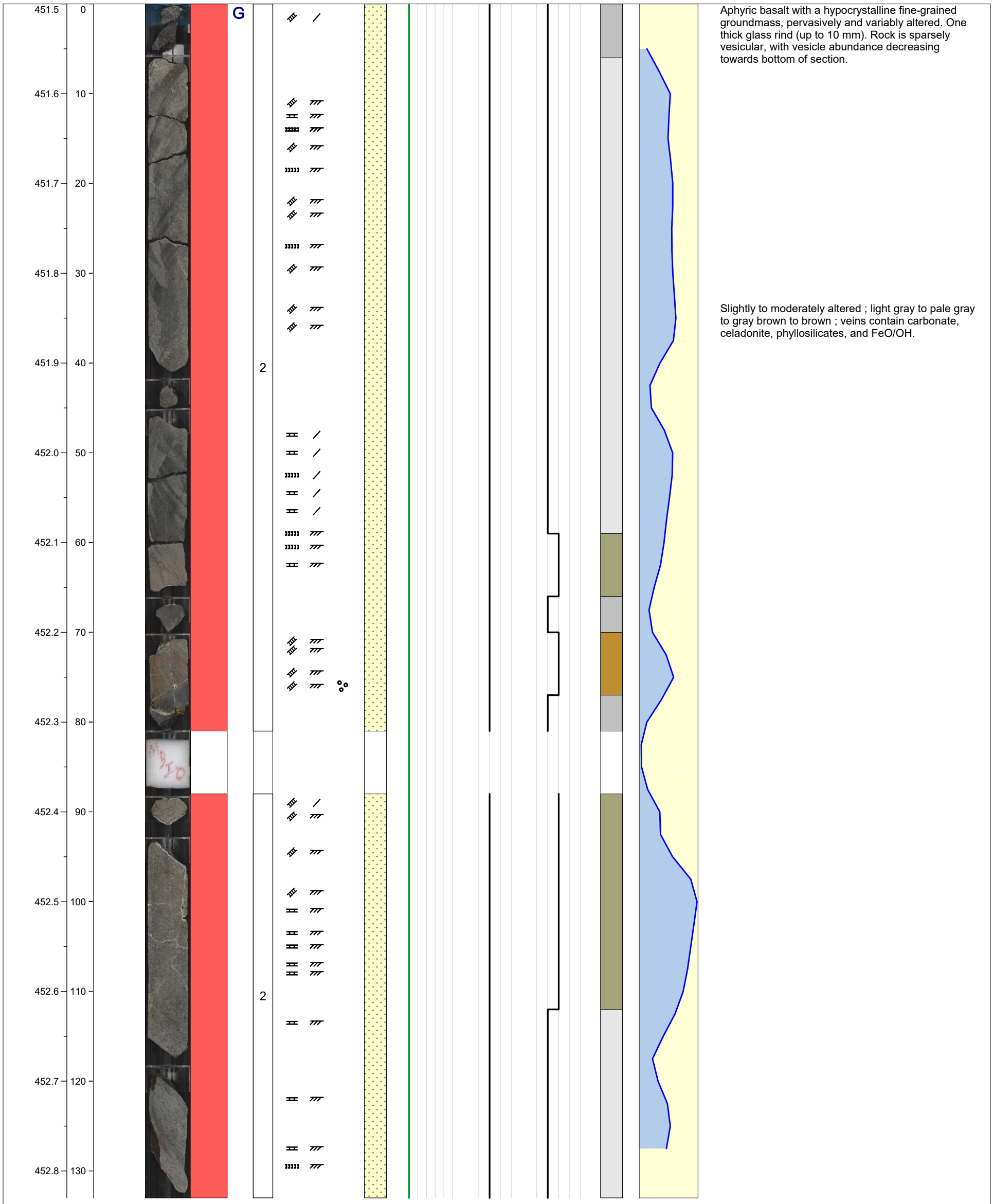
Hole 395C-U1562B-8R Section 3, Top of Section: 449.41 m (CSF-A)



Description

Section is composed of sparsely olivine phyric basalt that is fine-grained with a groundmass showing variable brown alteration. There is no fresh glass. Rock is sparsely vesicular with a band of large partially filled vugs up to 15 mm near bottom of secti Slightly altered ; gray brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

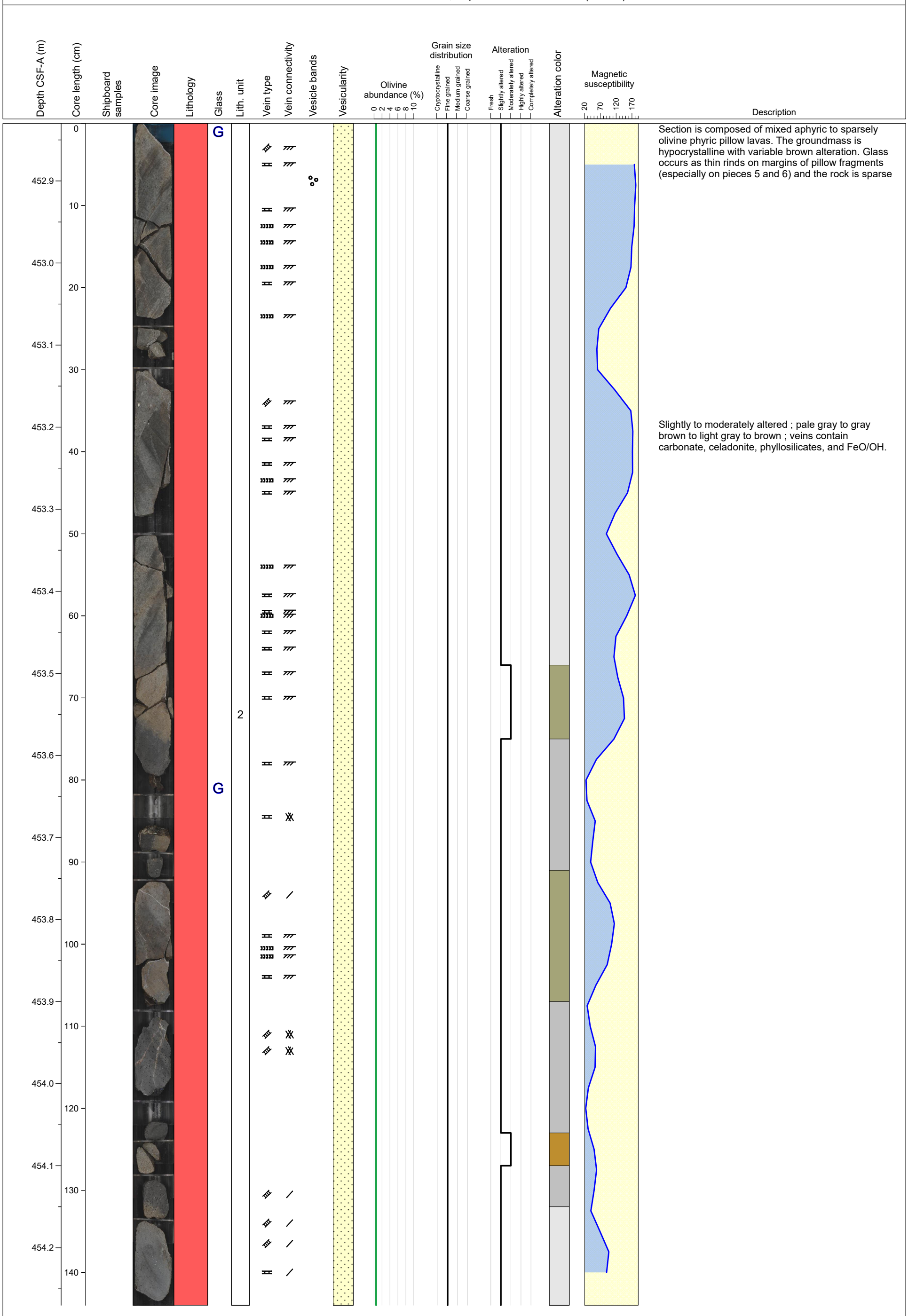
Hole 395C-U1562B-9R Section 1, Top of Section: 451.5 m (CSF-A)



Aphyric basalt with a hypocrystalline fine-grained groundmass, pervasively and variably altered. One thick glass rind (up to 10 mm). Rock is sparsely vesicular, with vesicle abundance decreasing towards bottom of section.

Slightly to moderately altered ; light gray to pale gray to gray brown to brown ; veins contain carbonate, celadonite, phyllosilicates, and FeO/OH.

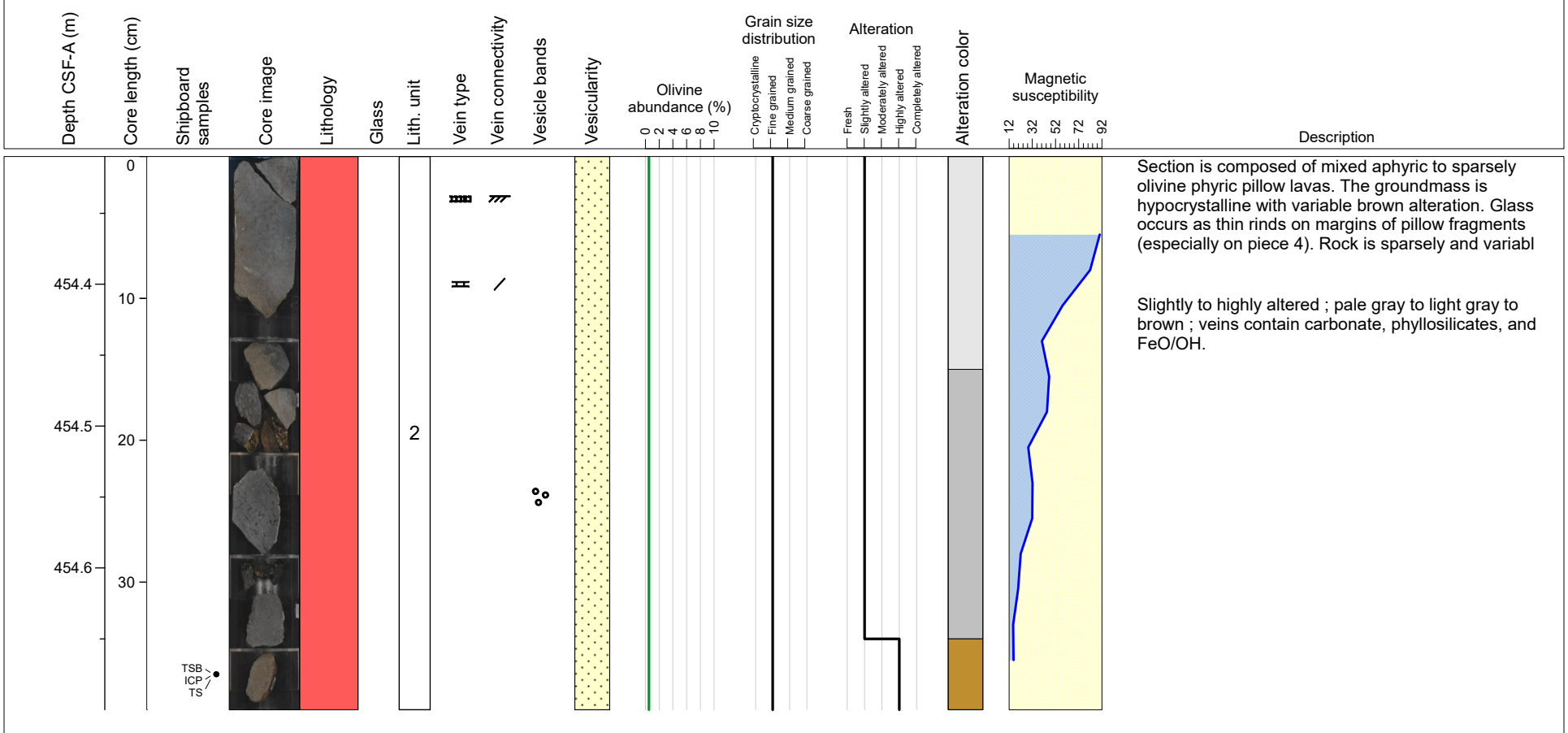
Hole 395C-U1562B-9R Section 2, Top of Section: 452.83 m (CSF-A)



Section is composed of mixed aphyric to sparsely olivine phyric pillow lavas. The groundmass is hypocrystalline with variable brown alteration. Glass occurs as thin rinds on margins of pillow fragments (especially on pieces 5 and 6) and the rock is sparse

Slightly to moderately altered ; pale gray to gray brown to light gray to brown ; veins contain carbonate, celadonite, phyllosilicates, and FeO/OH.

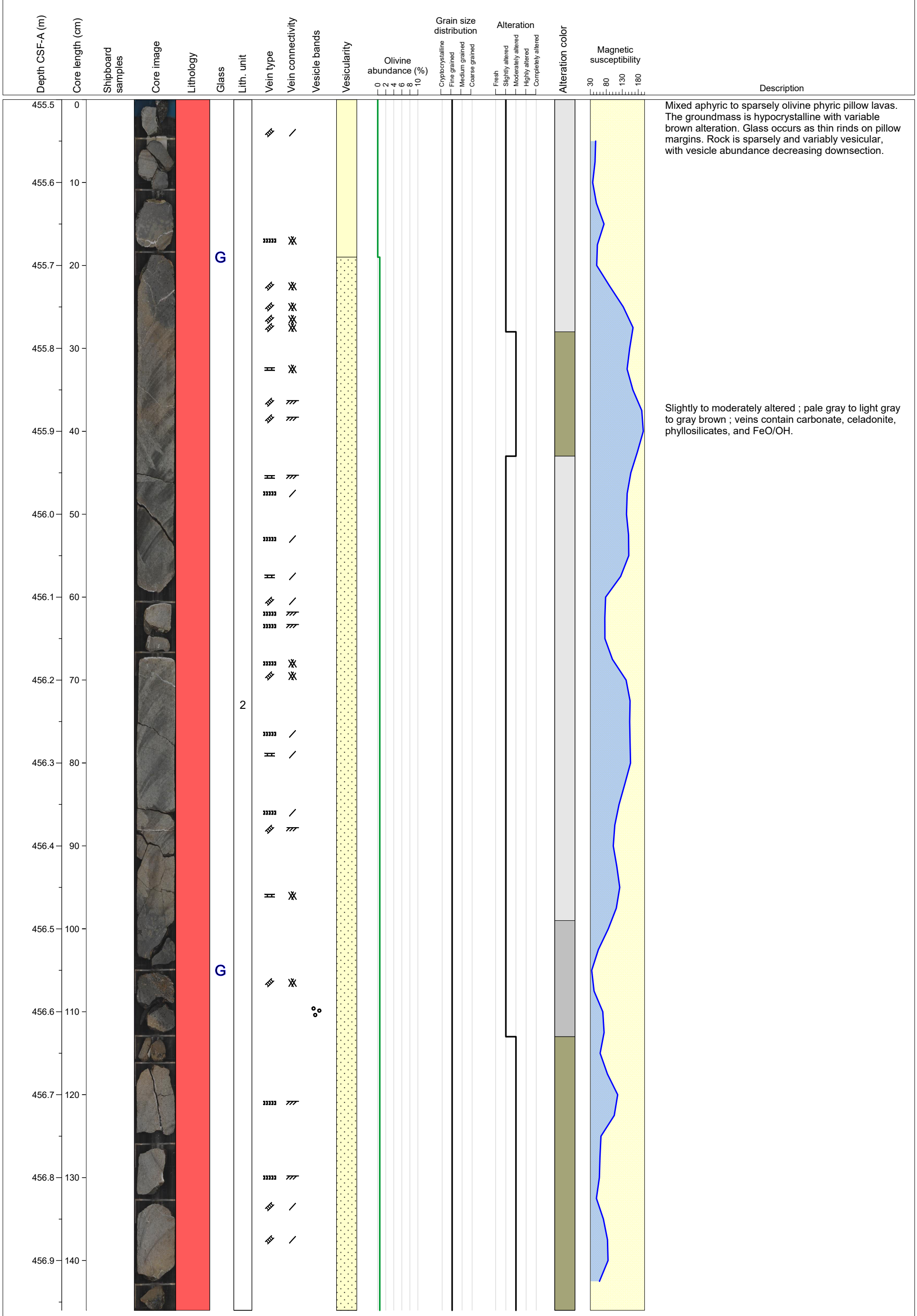
Hole 395C-U1562B-9R Section 3, Top of Section: 454.27 m (CSF-A)



Section is composed of mixed aphyric to sparsely olivine phyric pillow lavas. The groundmass is hypocrystalline with variable brown alteration. Glass occurs as thin rinds on margins of pillow fragments (especially on piece 4). Rock is sparsely and variabl

Slightly to highly altered ; pale gray to light gray to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

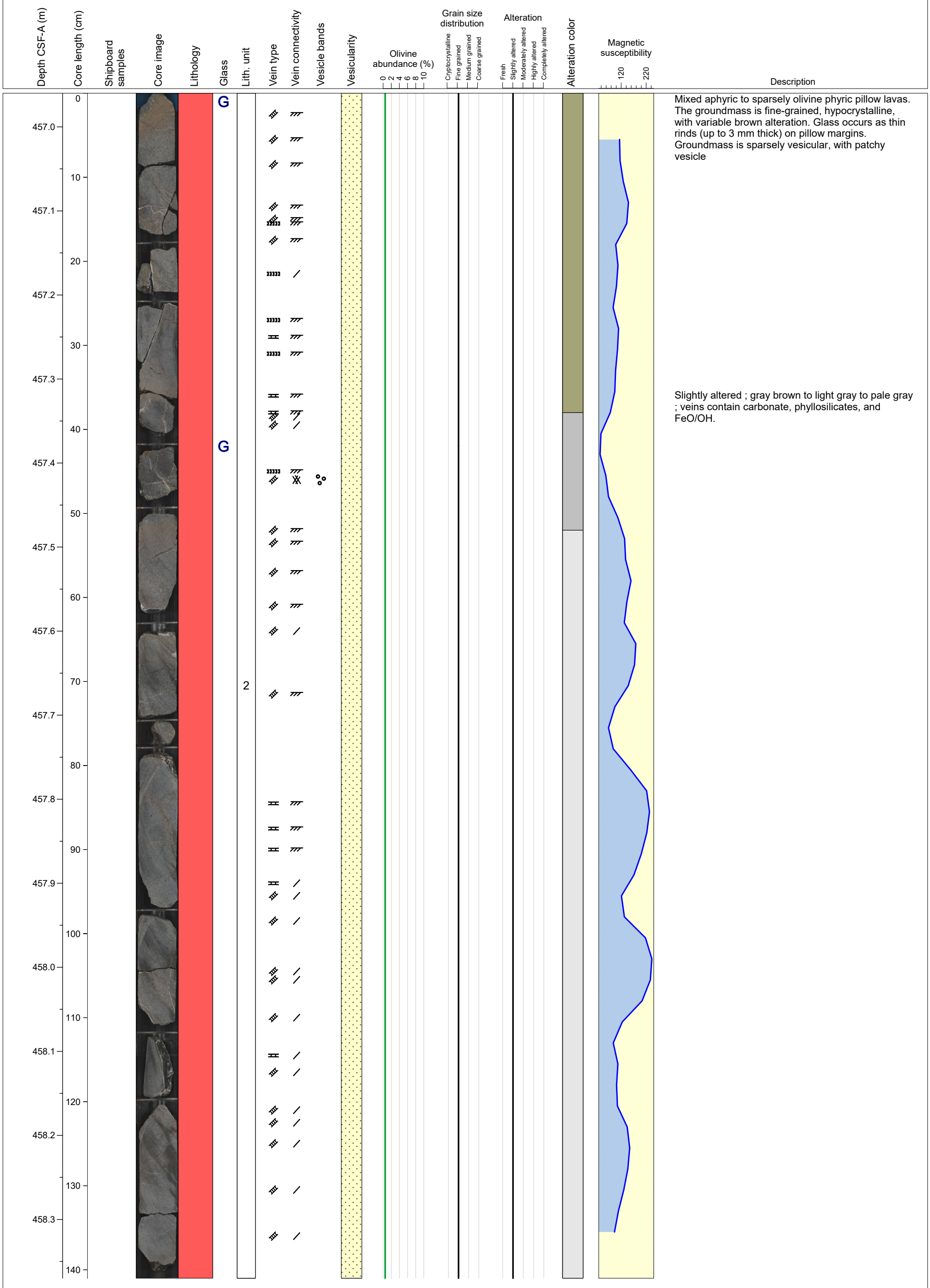
Hole 395C-U1562B-10R Section 1, Top of Section: 455.5 m (CSF-A)



Mixed aphyric to sparsely olivine phyric pillow lavas. The groundmass is hypocrystalline with variable brown alteration. Glass occurs as thin rinds on pillow margins. Rock is sparsely and variably vesicular, with vesicle abundance decreasing downsection.

Slightly to moderately altered ; pale gray to light gray to gray brown ; veins contain carbonate, celadonite, phyllosilicates, and FeO/OH.

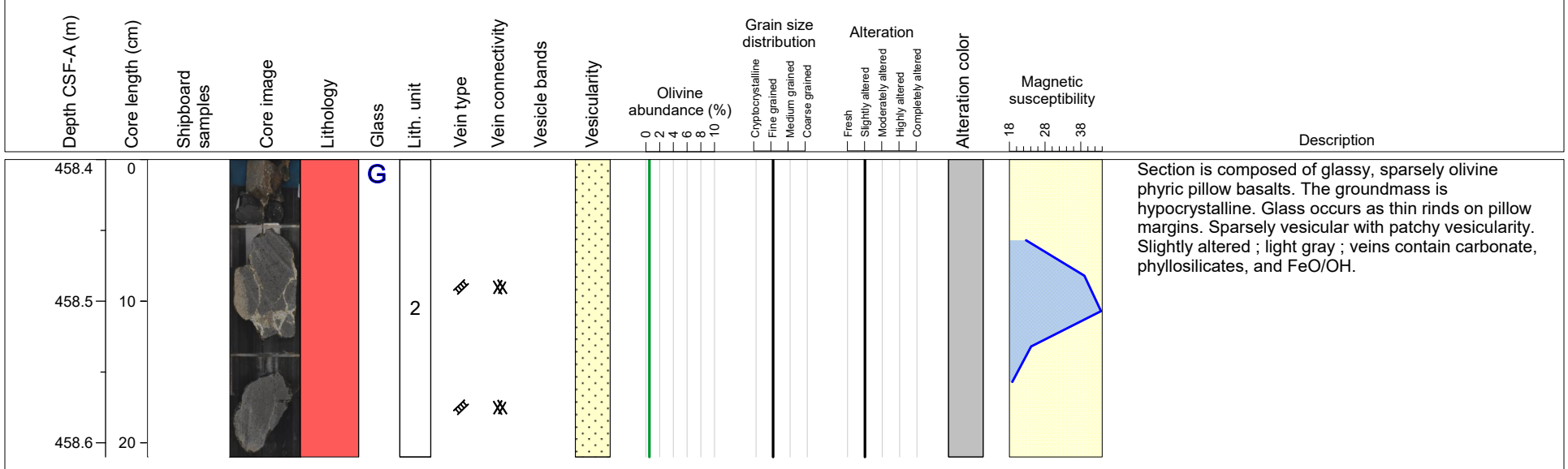
Hole 395C-U1562B-10R Section 2, Top of Section: 456.96 m (CSF-A)



Mixed aphyric to sparsely olivine phyric pillow lavas. The groundmass is fine-grained, hypocrystalline, with variable brown alteration. Glass occurs as thin rinds (up to 3 mm thick) on pillow margins. Groundmass is sparsely vesicular, with patchy vesicle

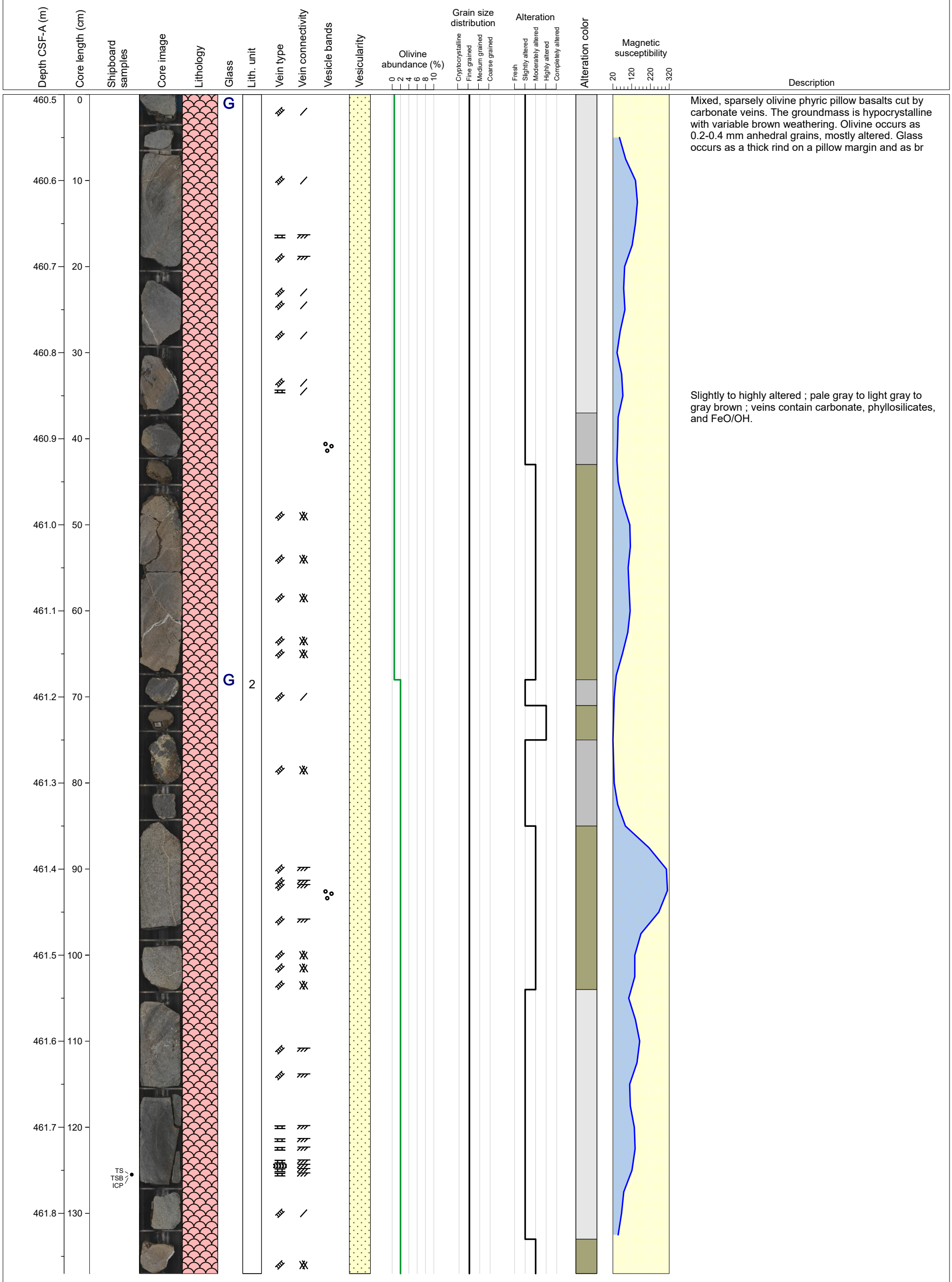
Slightly altered ; gray brown to light gray to pale gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-10R Section 3, Top of Section: 458.37 m (CSF-A)



Section is composed of glassy, sparsely olivine phyric pillow basalts. The groundmass is hypocrystalline. Glass occurs as thin rinds on pillow margins. Sparsely vesicular with patchy vesicularity. Slightly altered ; light gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

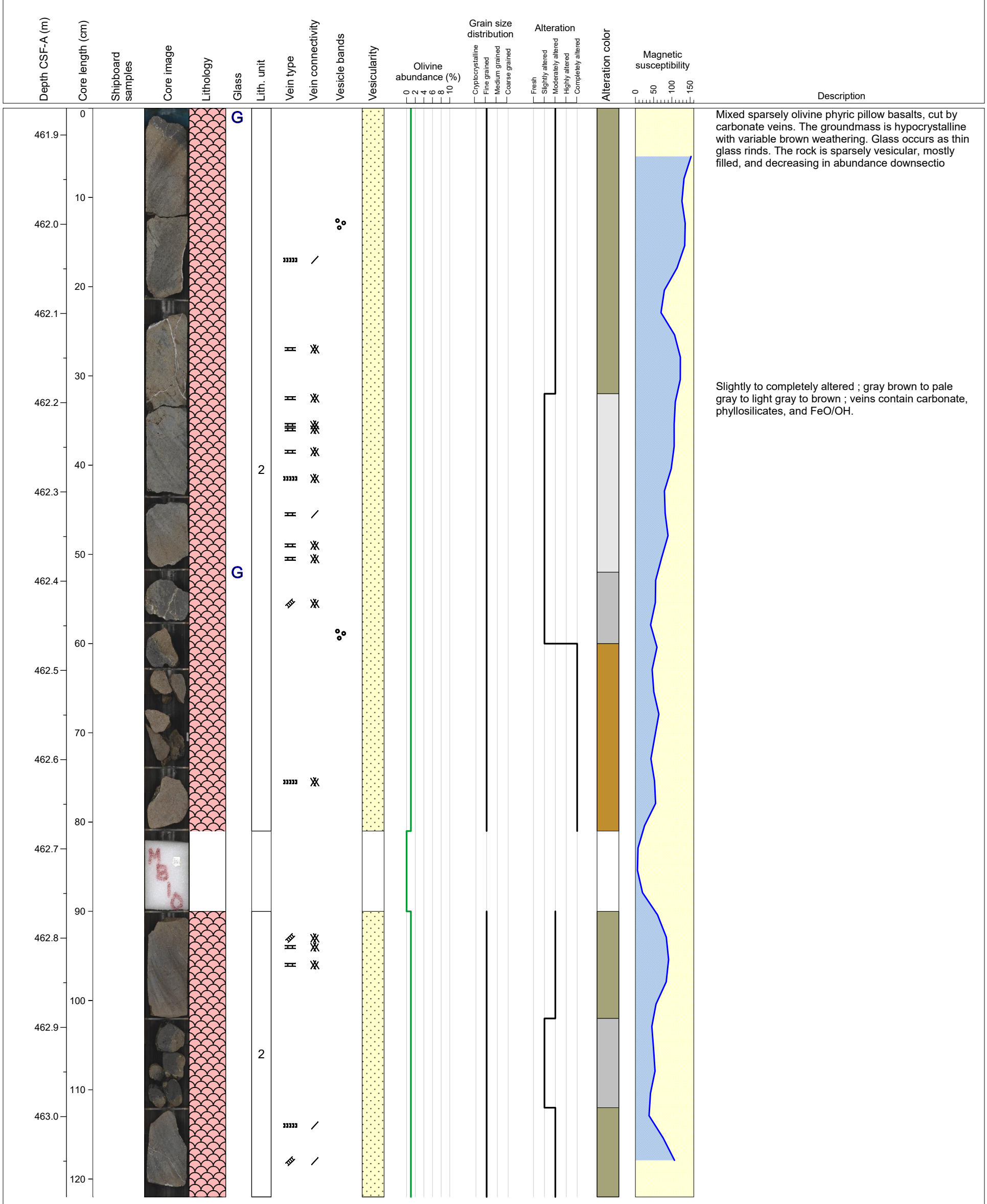
Hole 395C-U1562B-11R Section 1, Top of Section: 460.5 m (CSF-A)



Mixed, sparsely olivine phyric pillow basalts cut by carbonate veins. The groundmass is hypocrystalline with variable brown weathering. Olivine occurs as 0.2-0.4 mm anhedral grains, mostly altered. Glass occurs as a thick rind on a pillow margin and as br

Slightly to highly altered ; pale gray to light gray to gray brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

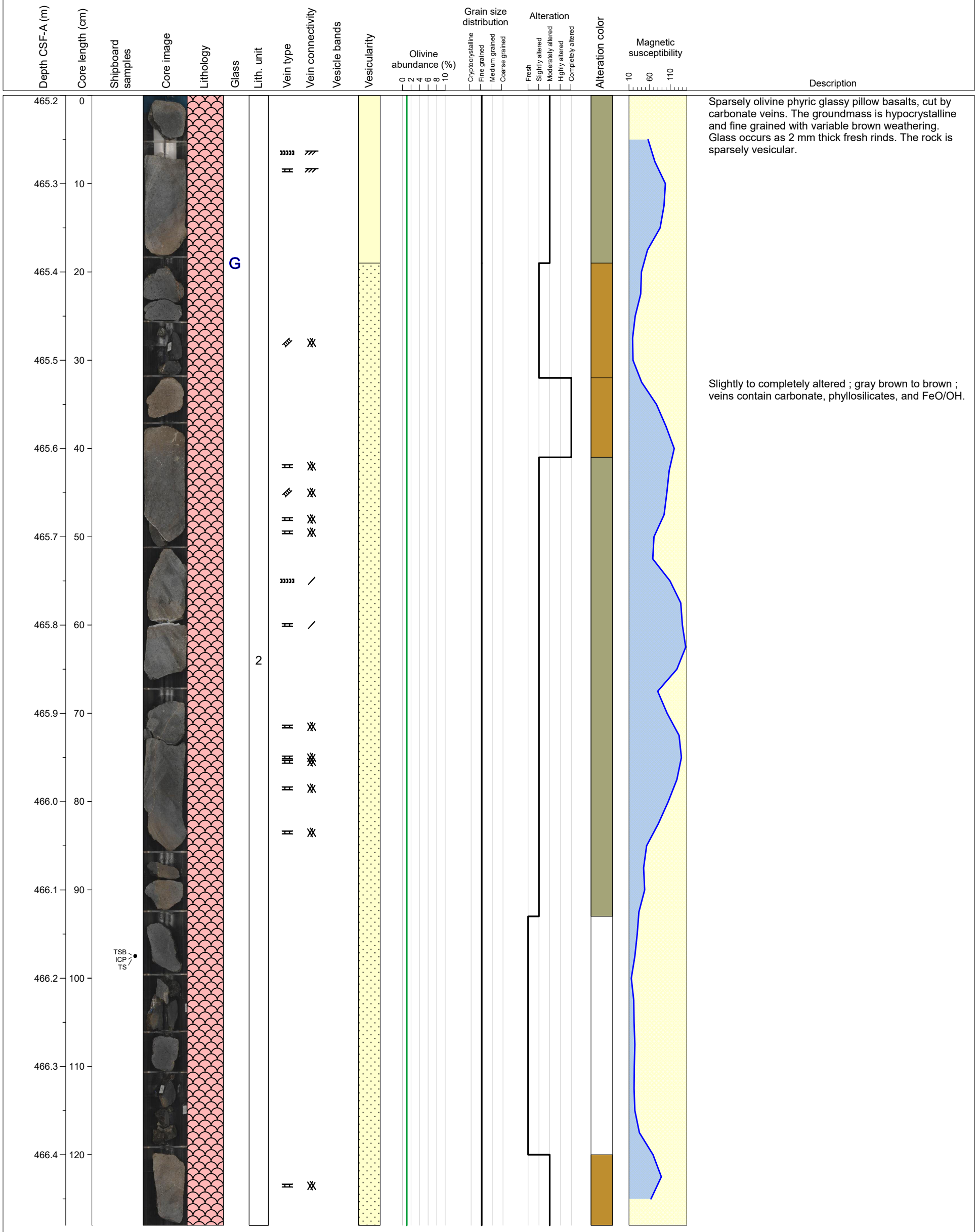
Hole 395C-U1562B-11R Section 2, Top of Section: 461.87 m (CSF-A)



Mixed sparsely olivine phyric pillow basalts, cut by carbonate veins. The groundmass is hypocrystalline with variable brown weathering. Glass occurs as thin glass rinds. The rock is sparsely vesicular, mostly filled, and decreasing in abundance downsectio

Slightly to completely altered ; gray brown to pale gray to light gray to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

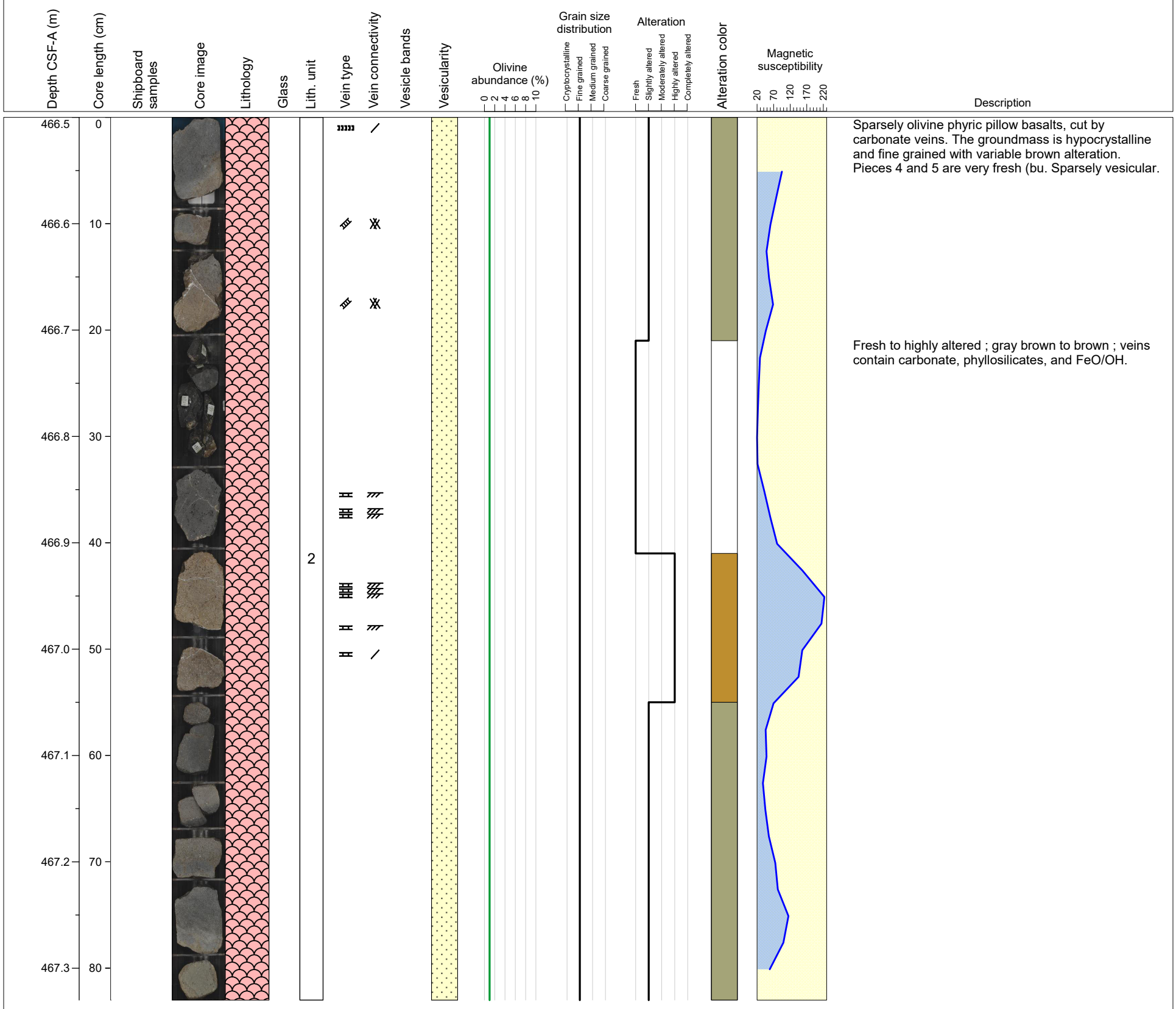
Hole 395C-U1562B-12R Section 1, Top of Section: 465.2 m (CSF-A)



Sparsely olivine phyric glassy pillow basalts, cut by carbonate veins. The groundmass is hypocrystalline and fine grained with variable brown weathering. Glass occurs as 2 mm thick fresh rinds. The rock is sparsely vesicular.

Slightly to completely altered ; gray brown to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

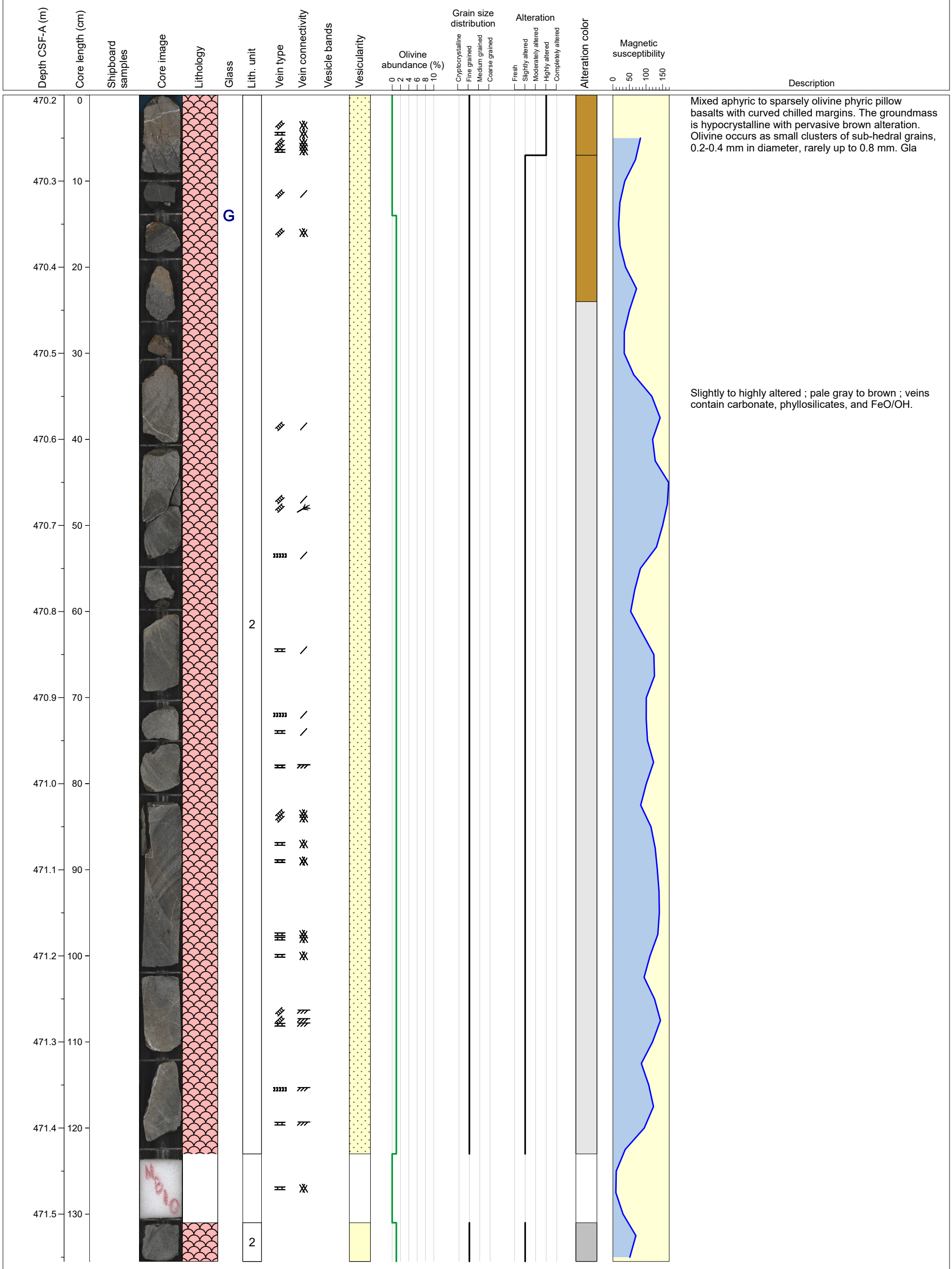
Hole 395C-U1562B-12R Section 2, Top of Section: 466.48 m (CSF-A)



Sparsely olivine phyric pillow basalts, cut by carbonate veins. The groundmass is hypocrystalline and fine grained with variable brown alteration. Pieces 4 and 5 are very fresh (bu. Sparsely vesicular.

Fresh to highly altered ; gray brown to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

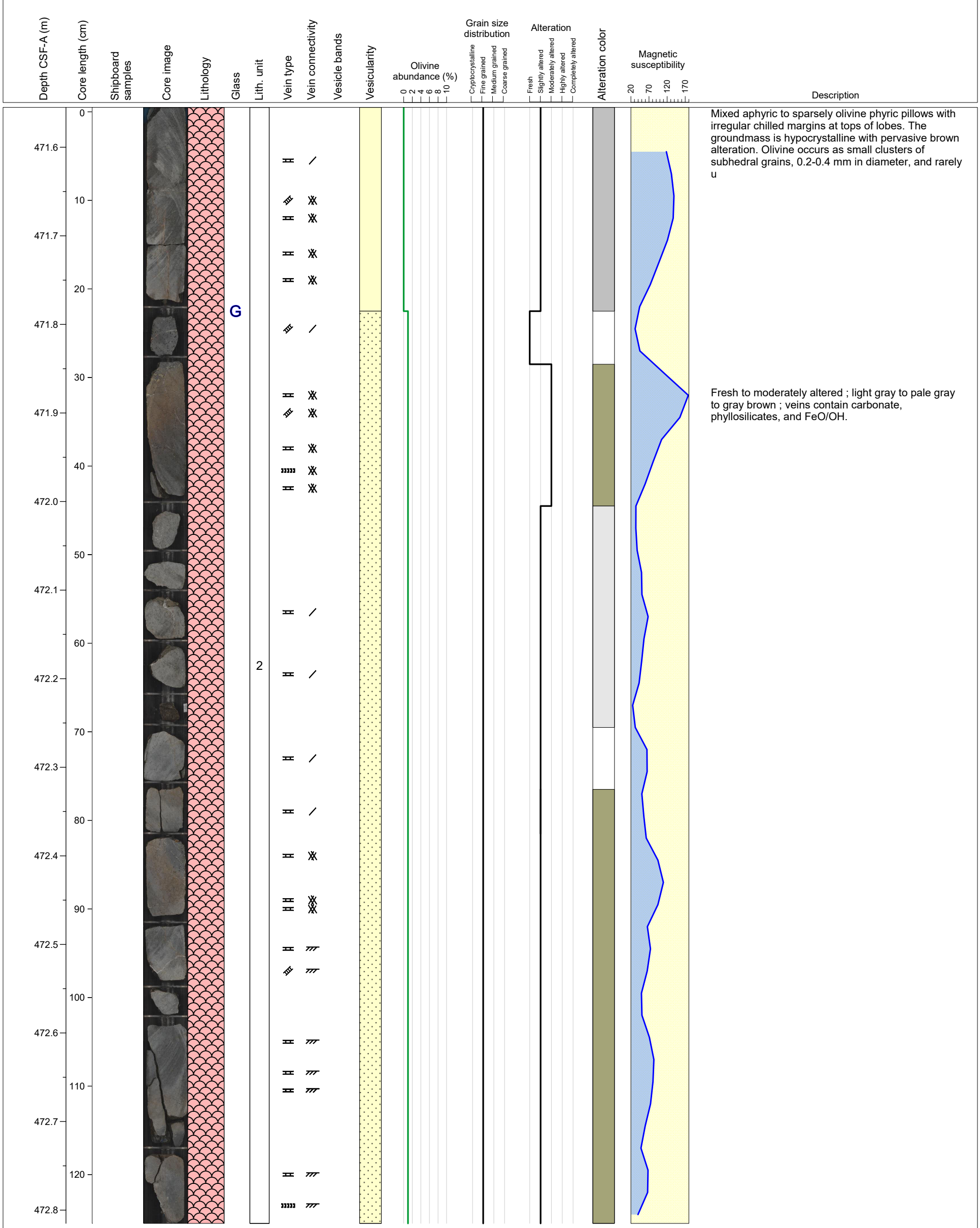
Hole 395C-U1562B-13R Section 1, Top of Section: 470.2 m (CSF-A)



Mixed aphyric to sparsely olivine phyric pillow basalts with curved chilled margins. The groundmass is hypocrystalline with pervasive brown alteration. Olivine occurs as small clusters of sub-hedral grains, 0.2-0.4 mm in diameter, rarely up to 0.8 mm. Gla

Slightly to highly altered ; pale gray to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

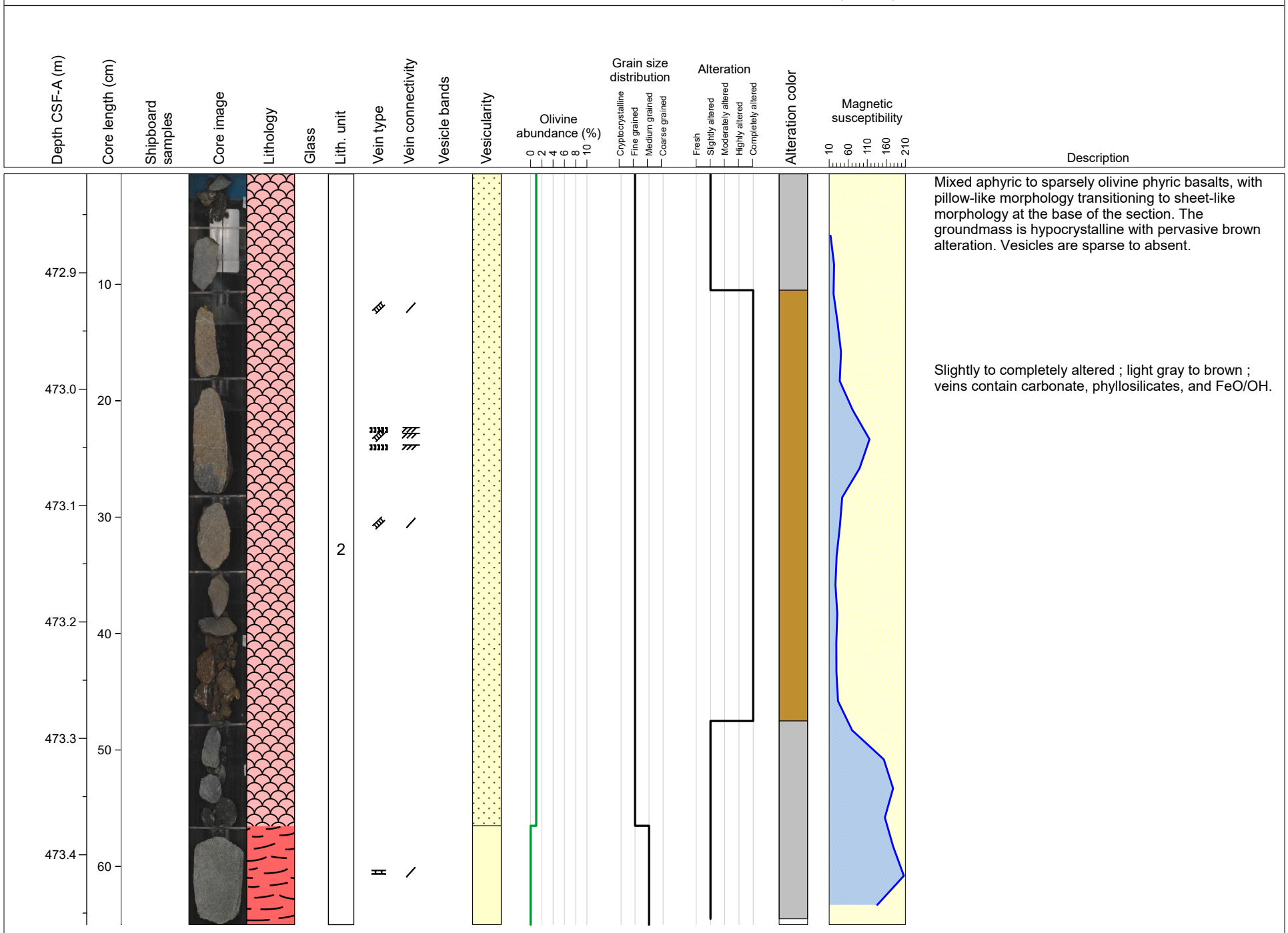
Hole 395C-U1562B-13R Section 2, Top of Section: 471.555 m (CSF-A)



Mixed aphyric to sparsely olivine phyric pillows with irregular chilled margins at tops of lobes. The groundmass is hypocrystalline with pervasive brown alteration. Olivine occurs as small clusters of subhedral grains, 0.2-0.4 mm in diameter, and rarely u

Fresh to moderately altered ; light gray to pale gray to gray brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-13R Section 3, Top of Section: 472.815 m (CSF-A)

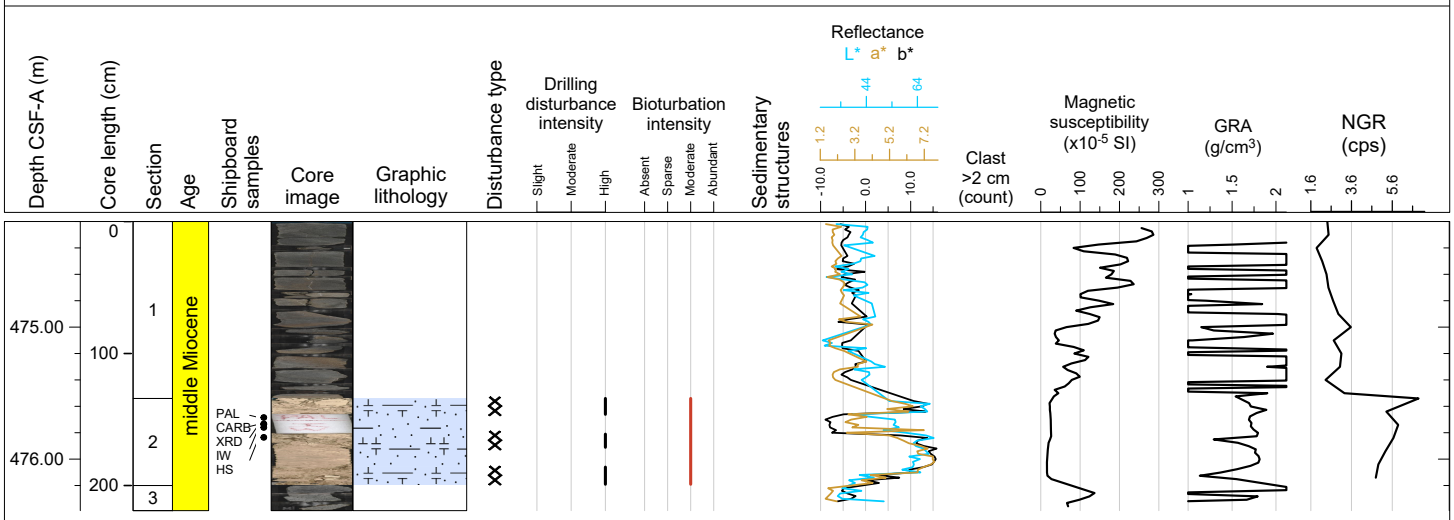


Mixed aphyric to sparsely olivine phyric basalts, with pillow-like morphology transitioning to sheet-like morphology at the base of the section. The groundmass is hypocrystalline with pervasive brown alteration. Vesicles are sparse to absent.

Slightly to completely altered ; light gray to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B Core 14R, Interval 474.2-476.39 m (CSF-A)

The sediment contained in this core consists of pale brown (2.5Y 8/2) NANNOFOSSIL CHALK with occasional green and black glass throughout. Bioturbation is moderate.



Hole 395C-U1562B-14R Section 1, Top of Section: 474.2 m (CSF-A)

Depth CSF-A (m) | Core length (cm) | Shipboard samples | Core image | Lithology | Glass | Lith. unit | Vein type | Vein connectivity | Vesicle bands | Vesicularity | Olivine abundance (%) 0 2 4 6 8 10 | Grain size distribution: Cryptocrystalline, Fine grained, Medium grained, Coarse grained | Alteration: Fresh, Slightly altered, Moderately altered, Highly altered, Completely altered | Alteration color | Magnetic susceptibility 20 120 220 | Description

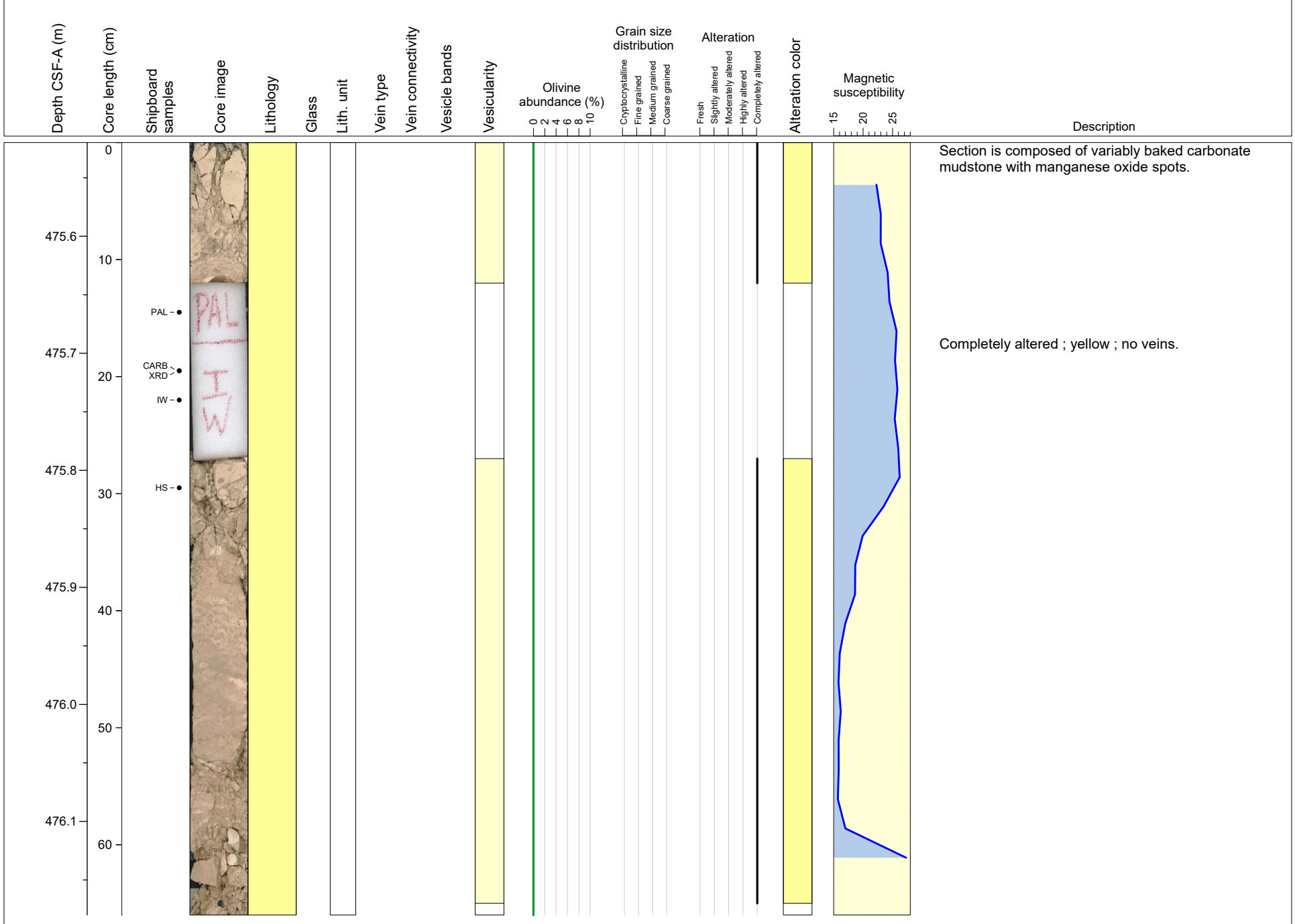
474.2 (0) G
474.3 (10)
474.4 (20)
474.5 (30)
474.6 (40)
474.7 (50)
474.8 (60)
474.9 (70)
475.0 (80) G
475.1 (90)
475.2 (100)
475.3 (110)
475.4 (120)
475.5 (130)

Lith. unit: 2

Mixed aphyric to sparsely olivine phyric basalt forming massive sheet-like flows. Groundmass is hypocrystalline with pervasive brown alteration. Glass occurs as thick rinds at flow margins (up to 9 mm thick), sometimes partially altered to palagonite and

Slightly to moderately altered ; light gray to brown to gray brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

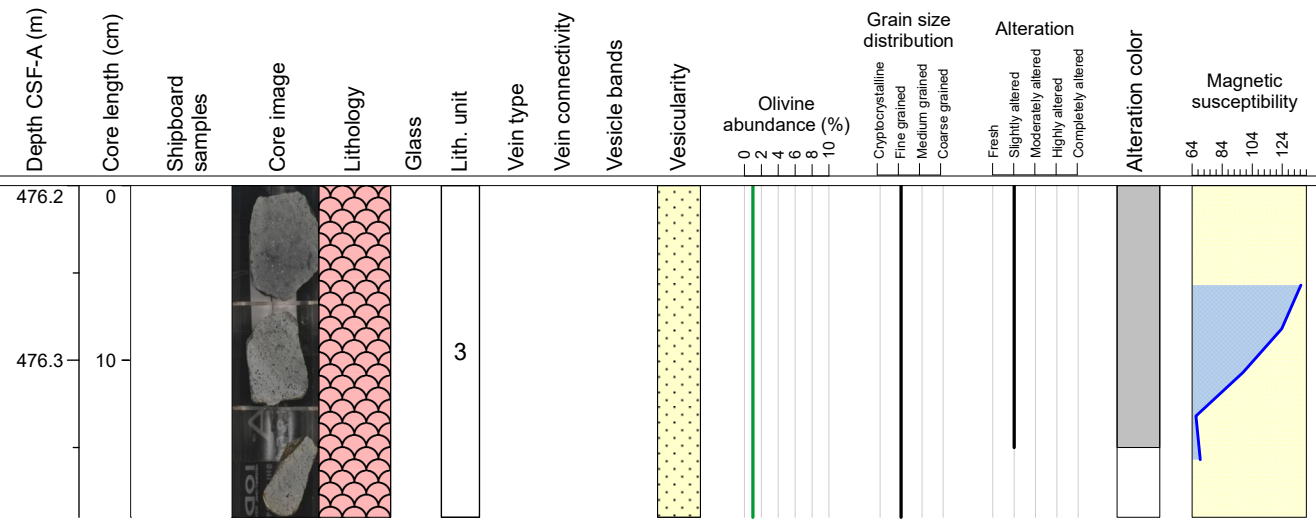
Hole 395C-U1562B-14R Section 2, Top of Section: 475.54 m (CSF-A)



Section is composed of variably baked carbonate mudstone with manganese oxide spots.

Completely altered ; yellow ; no veins.

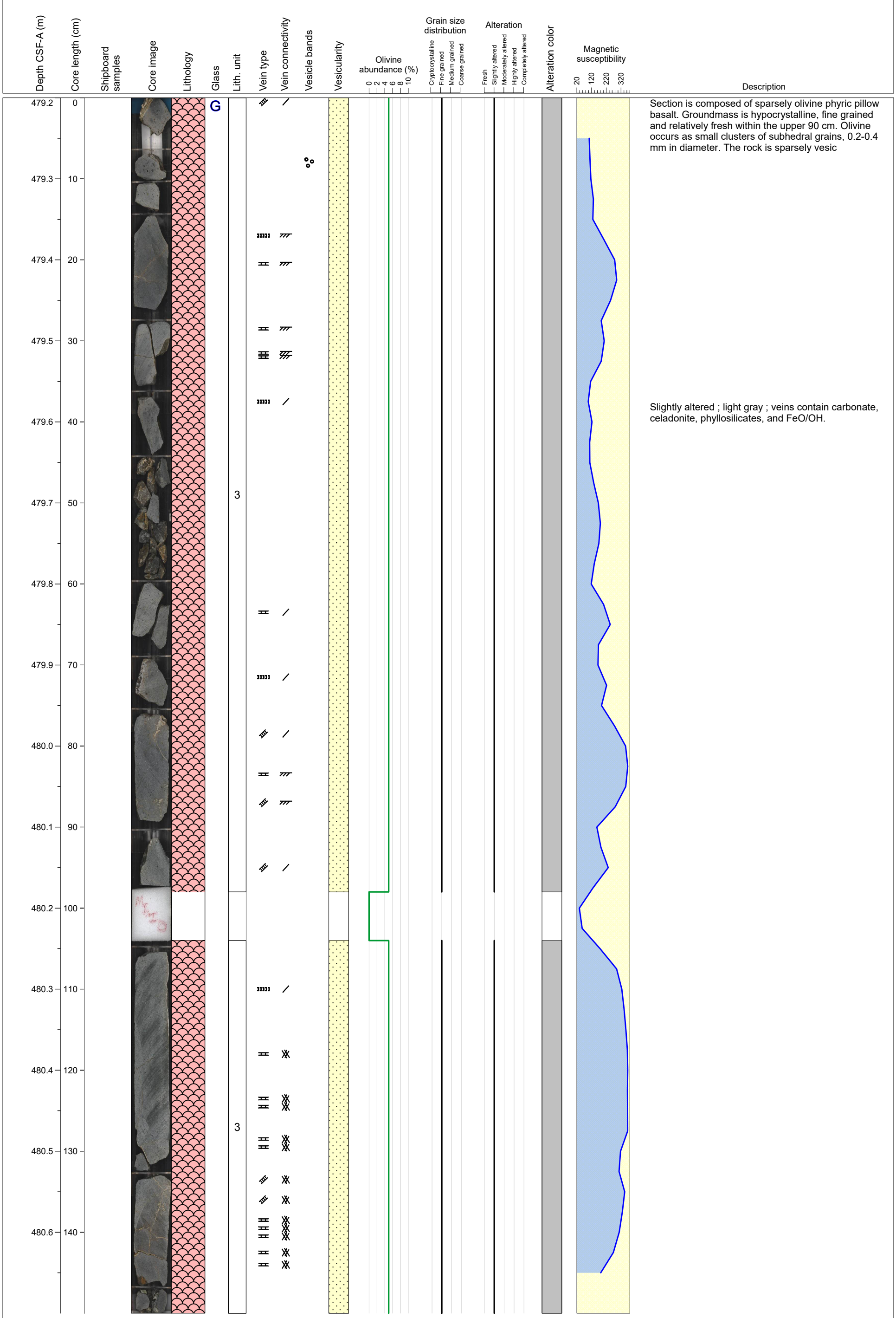
Hole 395C-U1562B-14R Section 3, Top of Section: 476.2 m (CSF-A)



Description

Section is composed of small fragments of sparsely olivine phyric pillow basalt. The groundmass is hypocrystalline and relatively fresh. Olivine occurs as small clusters of subhedral grains, 0.2-0.4 mm in diameter. The rock is sparsely vesicular.
Slightly altered basalt ; light gray.

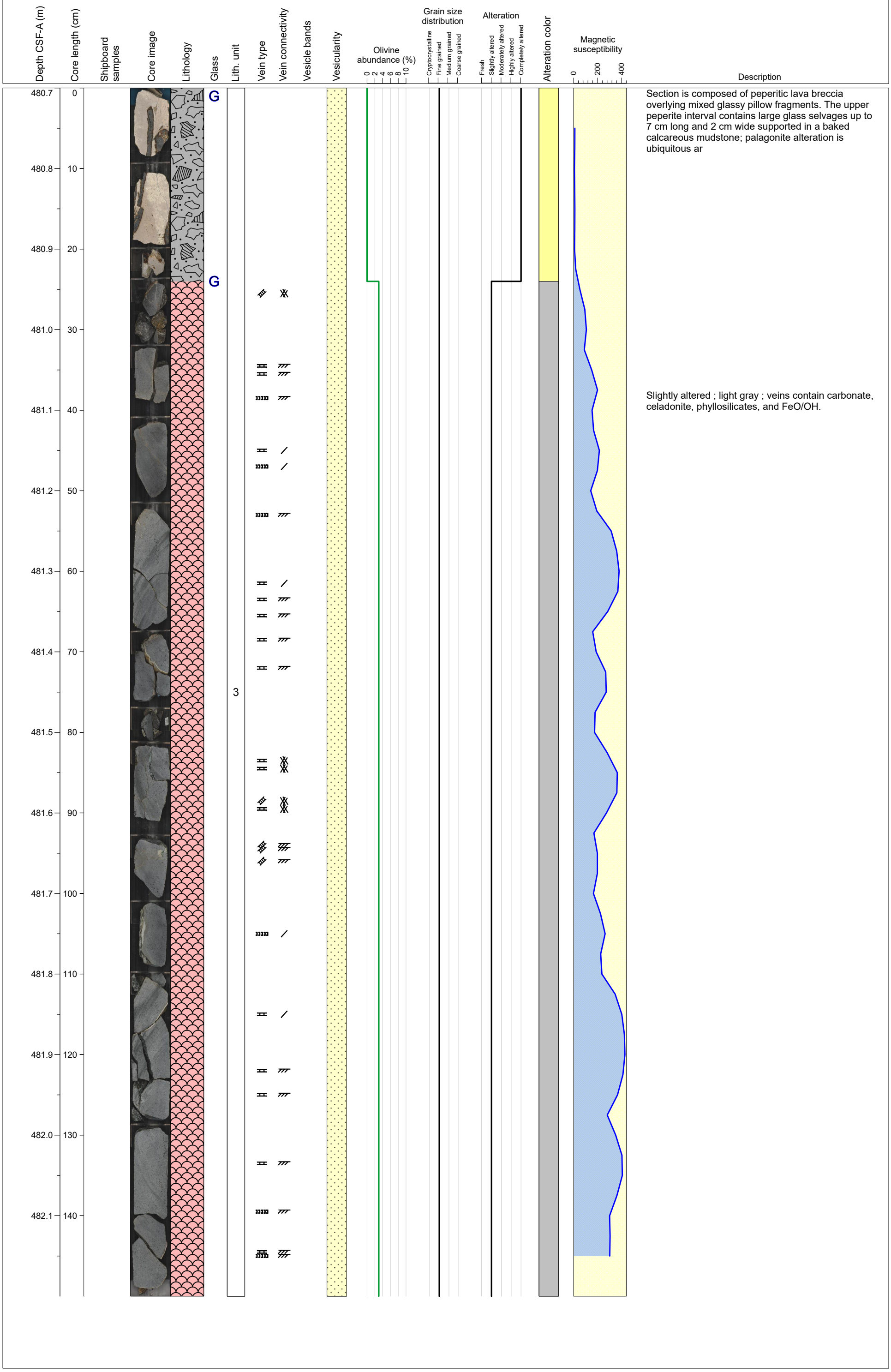
Hole 395C-U1562B-15R Section 1, Top of Section: 479.2 m (CSF-A)



Section is composed of sparsely olivine phyric pillow basalt. Groundmass is hypocrystalline, fine grained and relatively fresh within the upper 90 cm. Olivine occurs as small clusters of subhedral grains, 0.2-0.4 mm in diameter. The rock is sparsely vesic

Slightly altered ; light gray ; veins contain carbonate, celadonite, phyllosilicates, and FeO/OH.

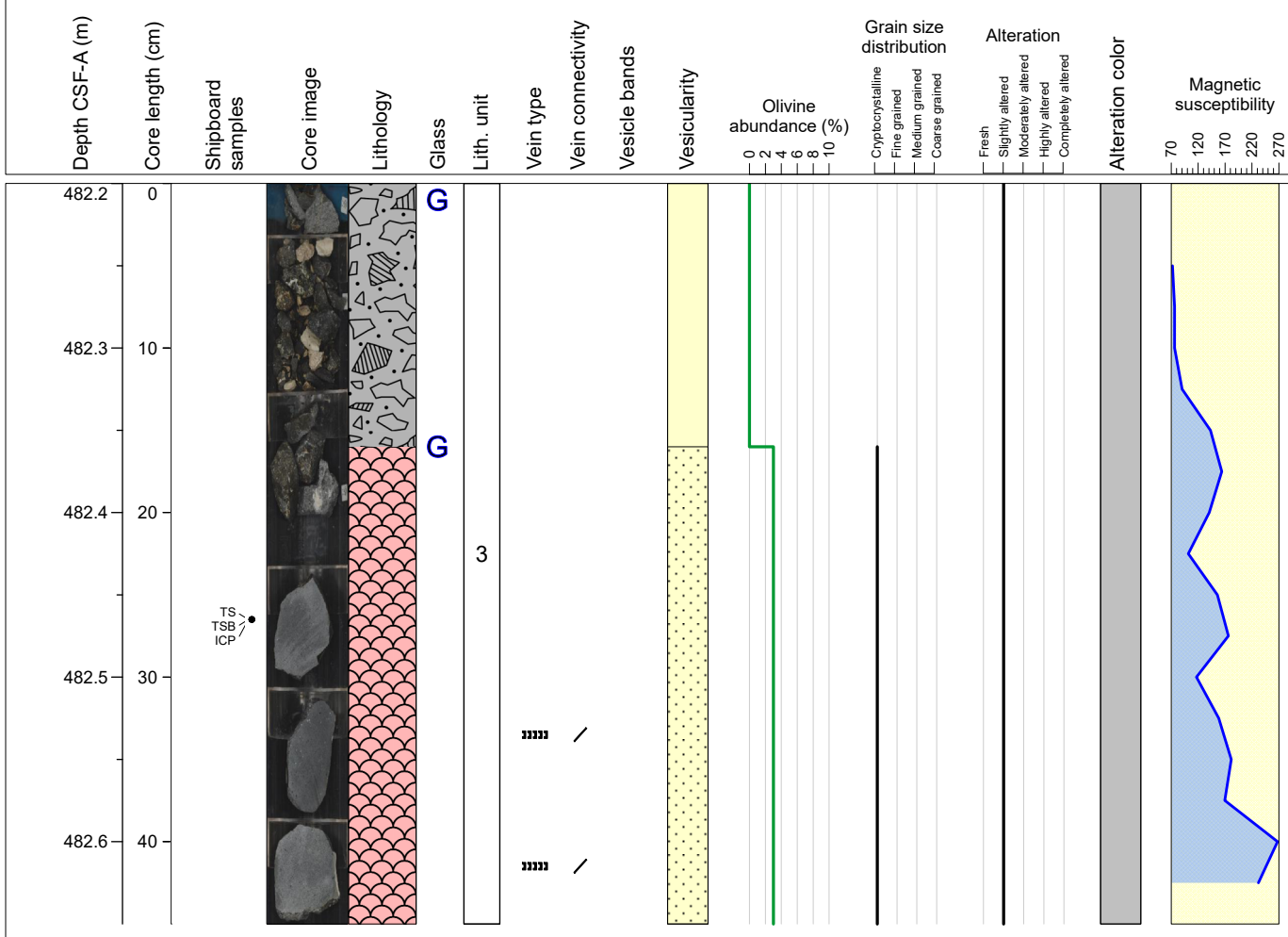
Hole 395C-U1562B-15R Section 2, Top of Section: 480.7 m (CSF-A)



Section is composed of peperitic lava breccia overlying mixed glassy pillow fragments. The upper peperite interval contains large glass selvages up to 7 cm long and 2 cm wide supported in a baked calcareous mudstone; palagonite alteration is ubiquitous ar

Slightly altered ; light gray ; veins contain carbonate, celadonite, phyllosilicates, and FeO/OH.

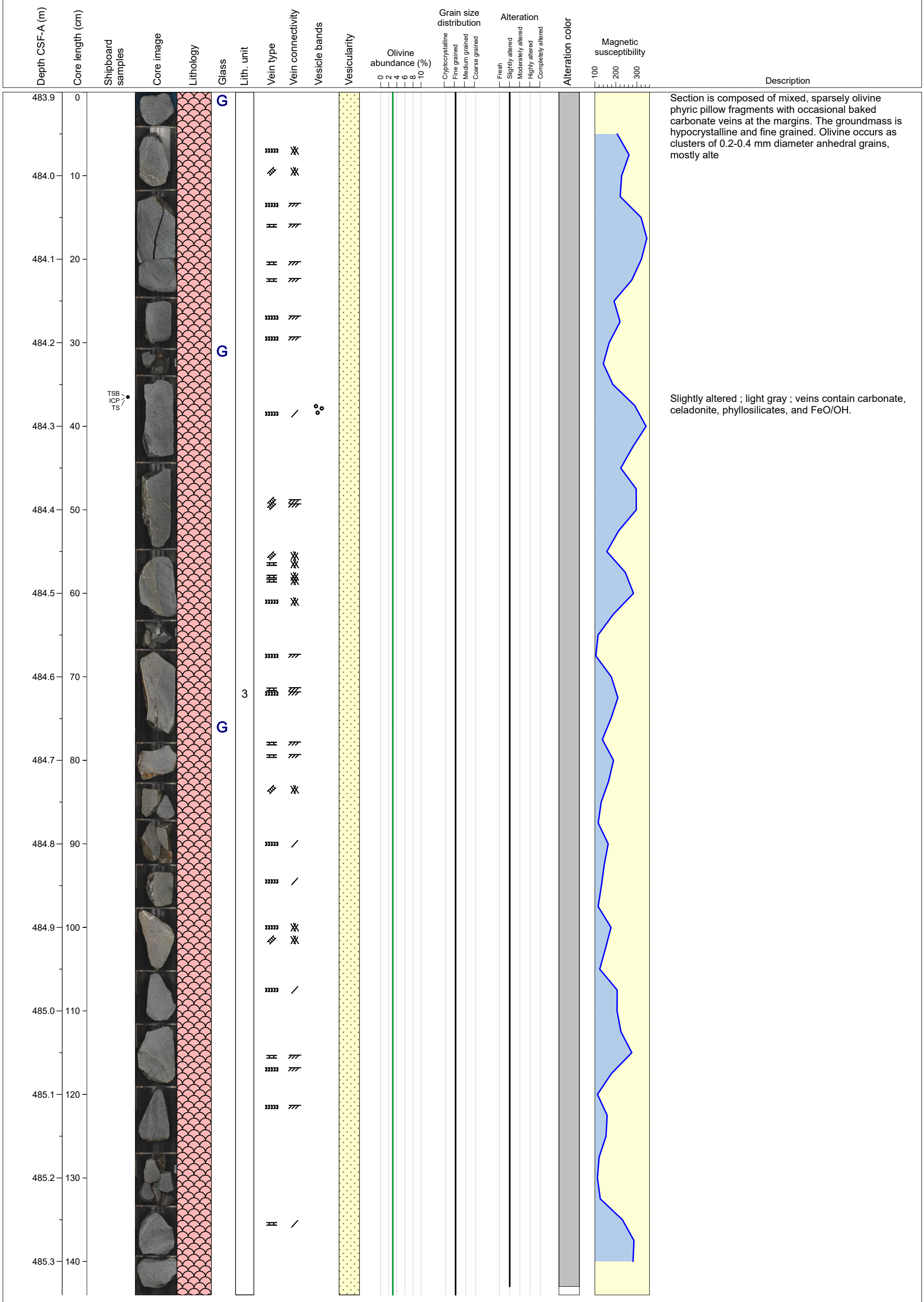
Hole 395C-U1562B-15R Section 3, Top of Section: 482.2 m (CSF-A)



Section is composed of mixed fragments of peperitic lava breccia and sparsely olivine phyric glassy pillow fragments. The matrix is hypocrystalline. Glass occurs as fragments intermingled with baked carbonate mudstone. Basalt fragments are sparsely to var

Slightly altered ; light gray ; veins contain carbonate and FeO/OH.

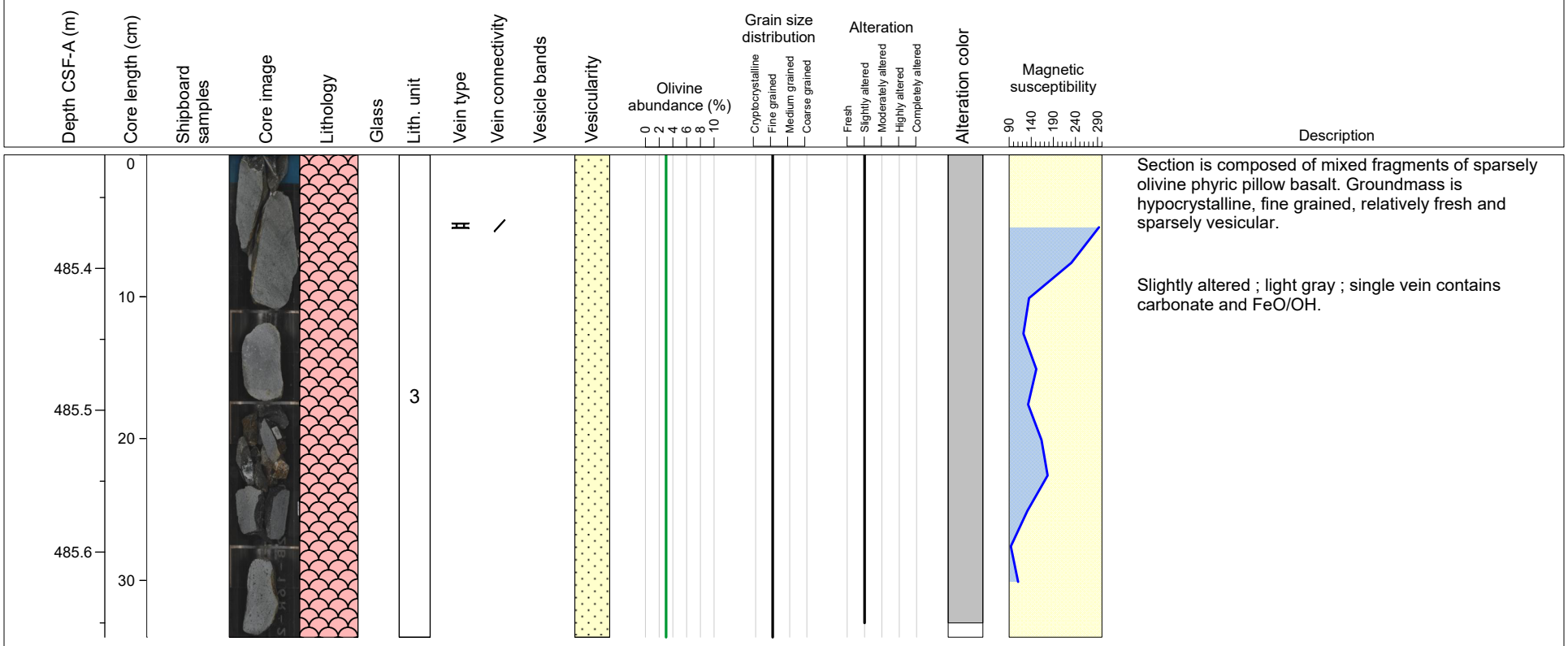
Hole 395C-U1562B-16R Section 1, Top of Section: 483.9 m (CSF-A)



Section is composed of mixed, sparsely olivine phyric pillow fragments with occasional baked carbonate veins at the margins. The groundmass is hypocrystalline and fine grained. Olivine occurs as clusters of 0.2-0.4 mm diameter anhedral grains, mostly alte

Slightly altered ; light gray ; veins contain carbonate, celadonite, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-16R Section 2, Top of Section: 485.34 m (CSF-A)

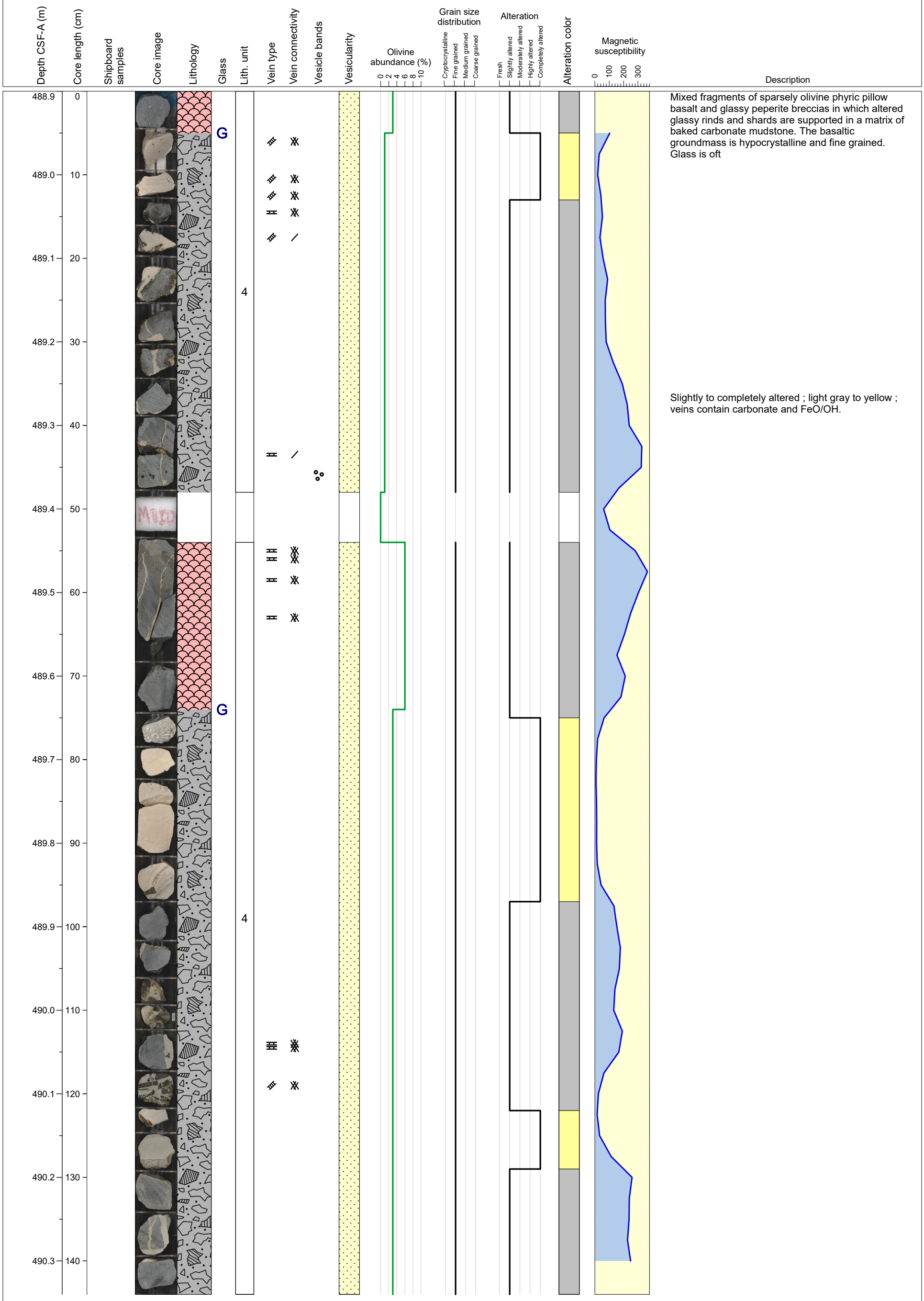


Description

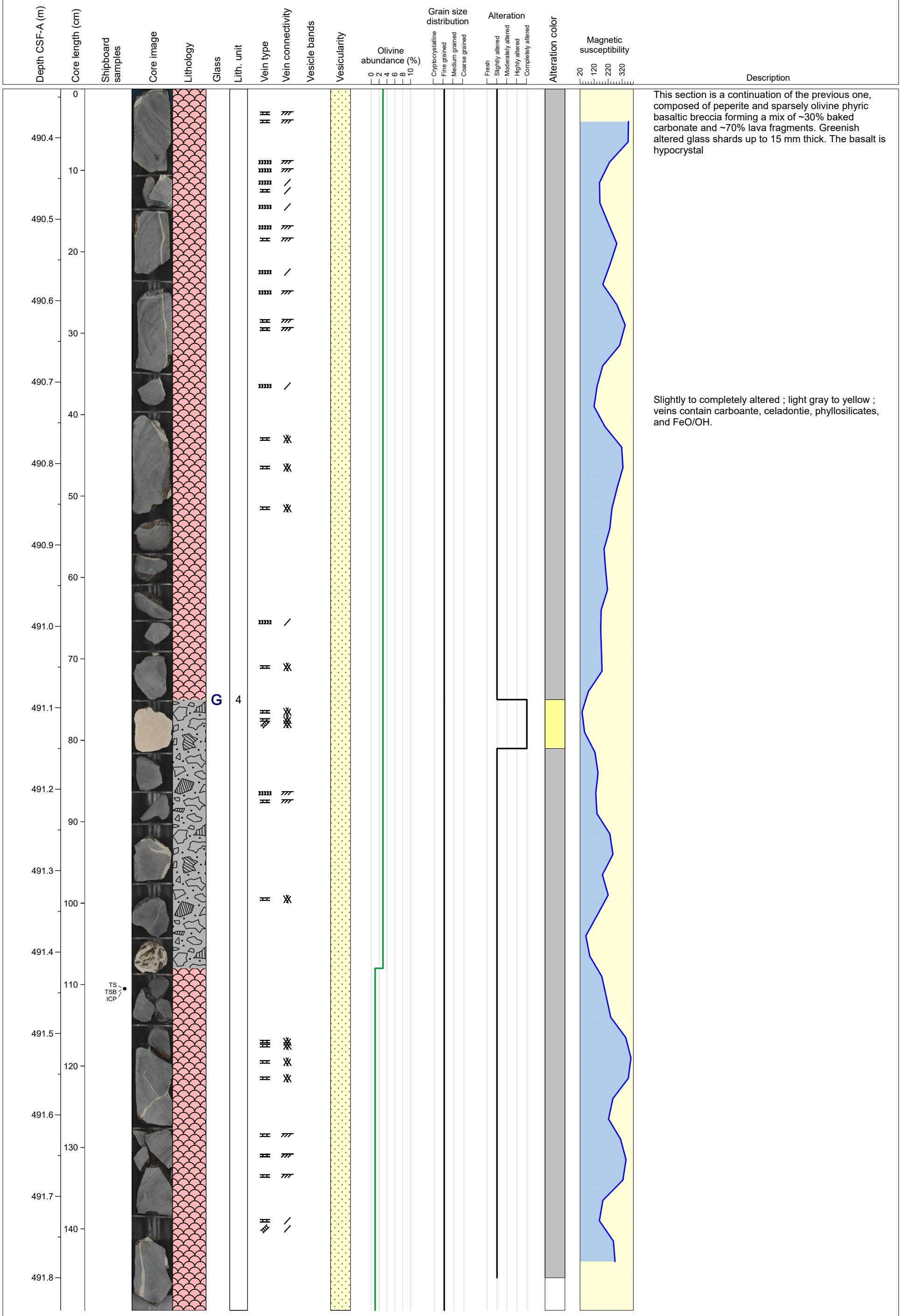
Section is composed of mixed fragments of sparsely olivine phyric pillow basalt. Groundmass is hypocrystalline, fine grained, relatively fresh and sparsely vesicular.

Slightly altered ; light gray ; single vein contains carbonate and FeO/OH.

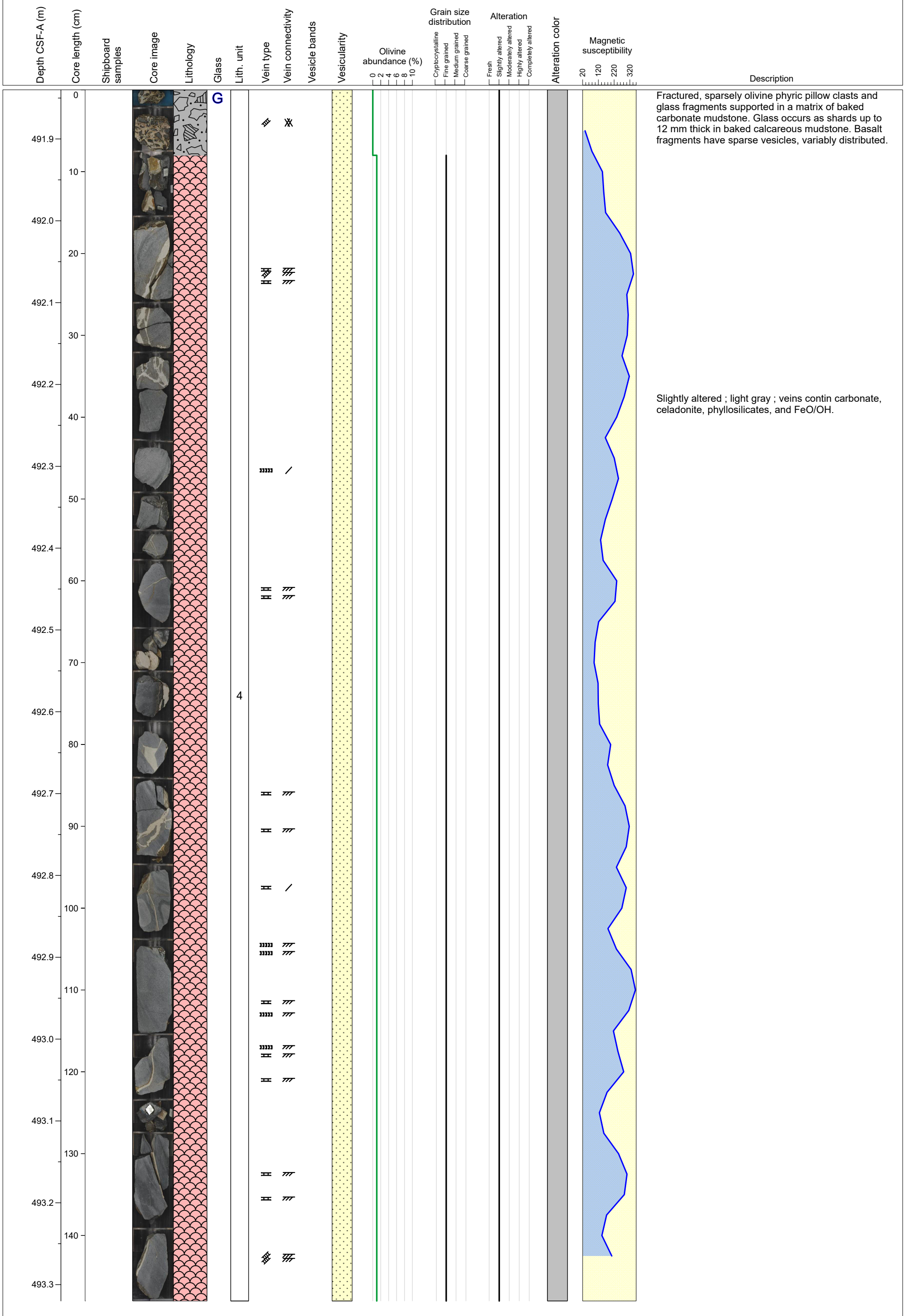
Hole 395C-U1562B-17R Section 1, Top of Section: 488.9 m (CSF-A)



Hole 395C-U1562B-17R Section 2, Top of Section: 490.34 m (CSF-A)



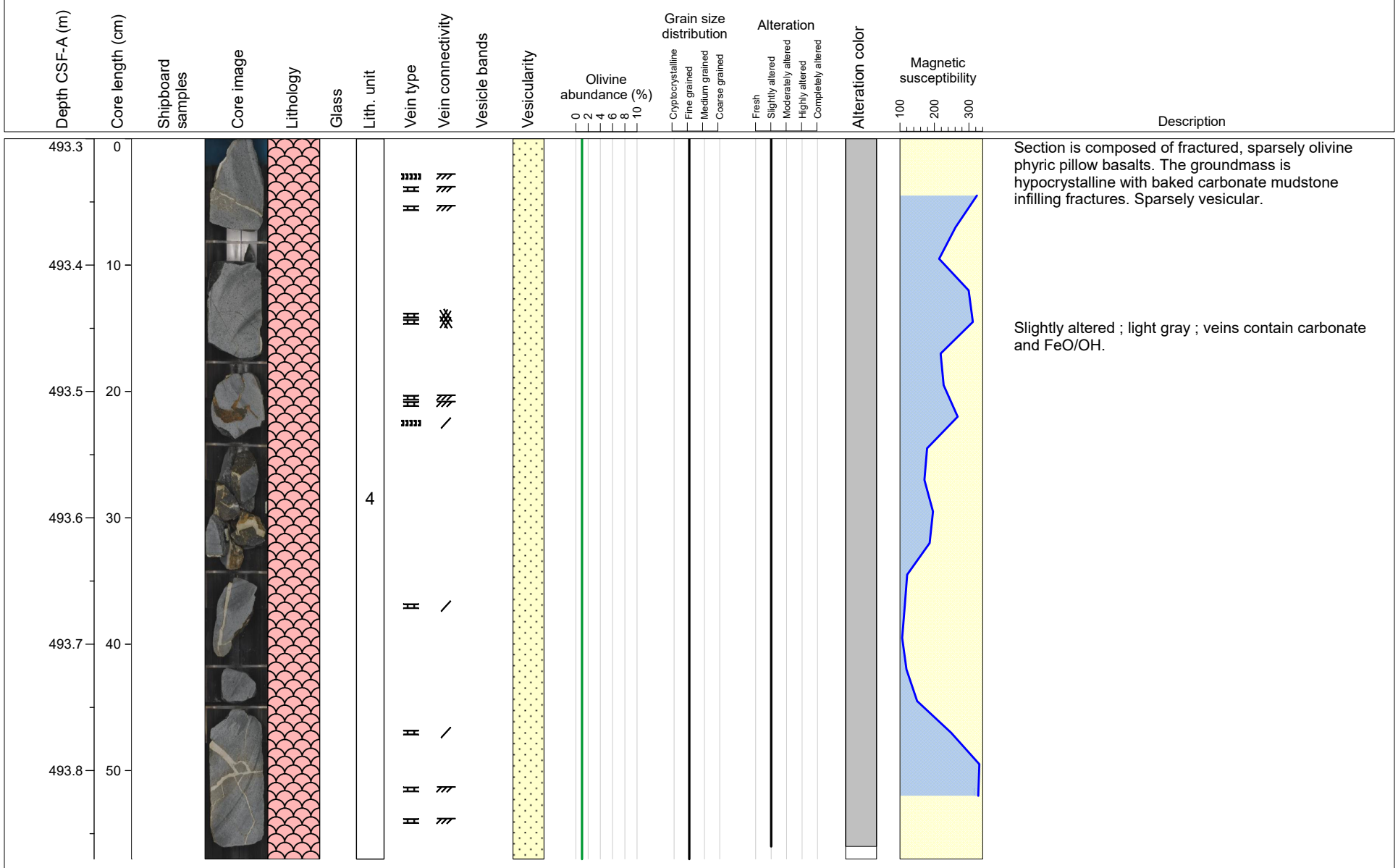
Hole 395C-U1562B-17R Section 3, Top of Section: 491.84 m (CSF-A)



Fractured, sparsely olivine phyric pillow clasts and glass fragments supported in a matrix of baked carbonate mudstone. Glass occurs as shards up to 12 mm thick in baked calcareous mudstone. Basalt fragments have sparse vesicles, variably distributed.

Slightly altered ; light gray ; veins contin carbonate, celadonite, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-17R Section 4, Top of Section: 493.32 m (CSF-A)

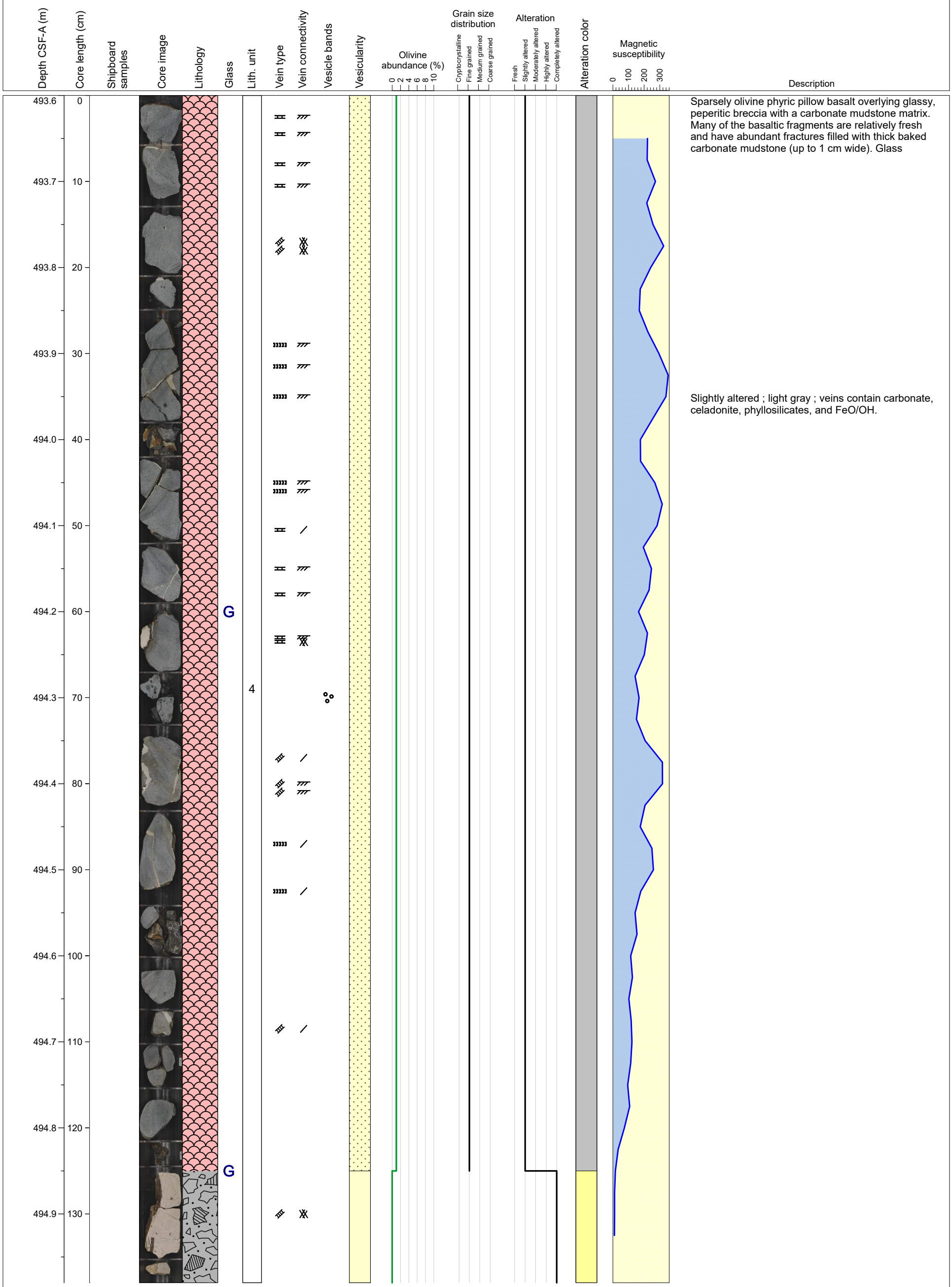


Description

Section is composed of fractured, sparsely olivine phyric pillow basalts. The groundmass is hypocrystalline with baked carbonate mudstone infilling fractures. Sparsely vesicular.

Slightly altered ; light gray ; veins contain carbonate and FeO/OH.

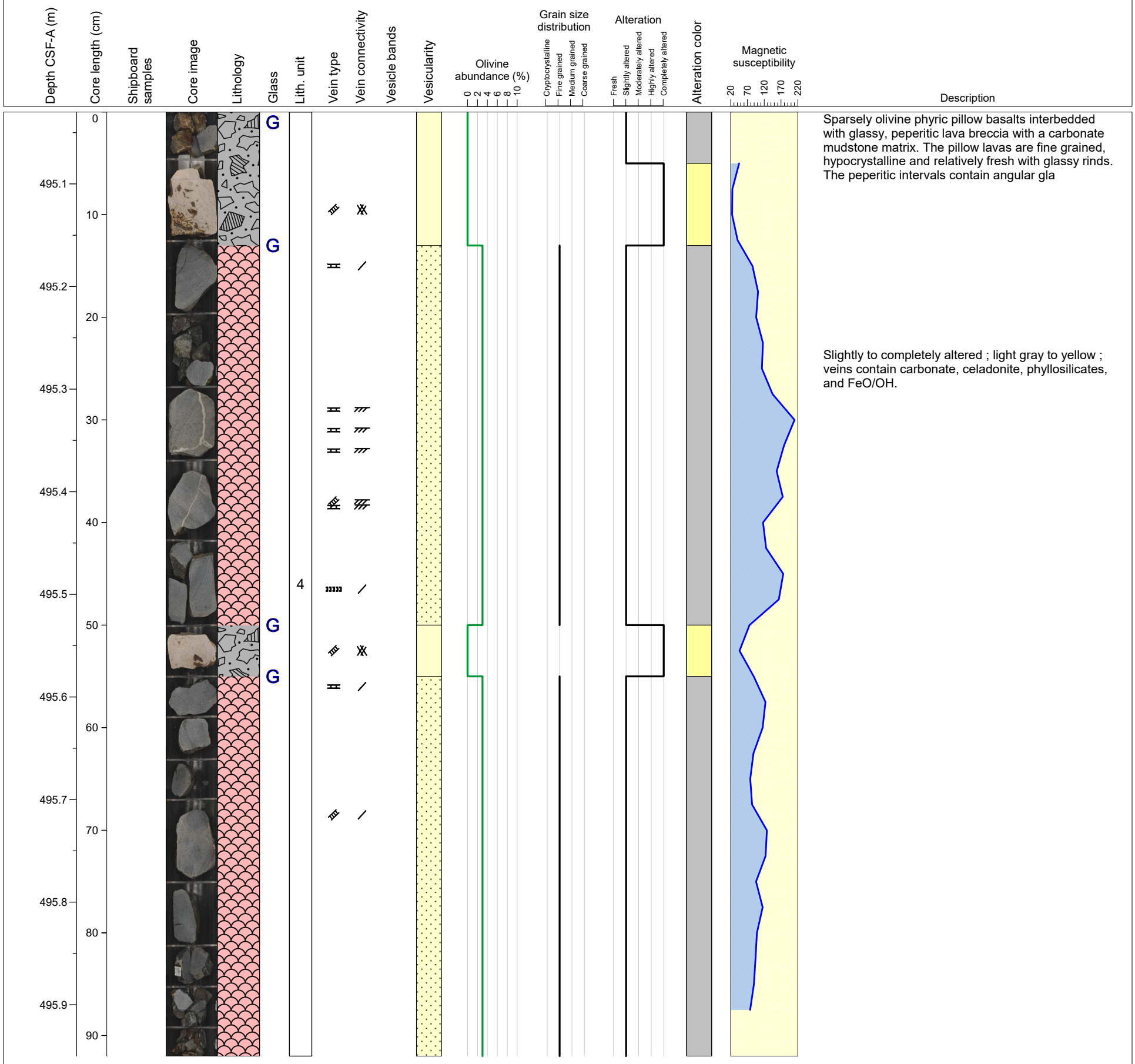
Hole 395C-U1562B-18R Section 1, Top of Section: 493.6 m (CSF-A)



Sparsely olivine phyric pillow basalt overlying glassy, peperitic breccia with a carbonate mudstone matrix. Many of the basaltic fragments are relatively fresh and have abundant fractures filled with thick baked carbonate mudstone (up to 1 cm wide). Glass

Slightly altered ; light gray ; veins contain carbonate, celadonite, phyllosilicates, and FeO/OH.

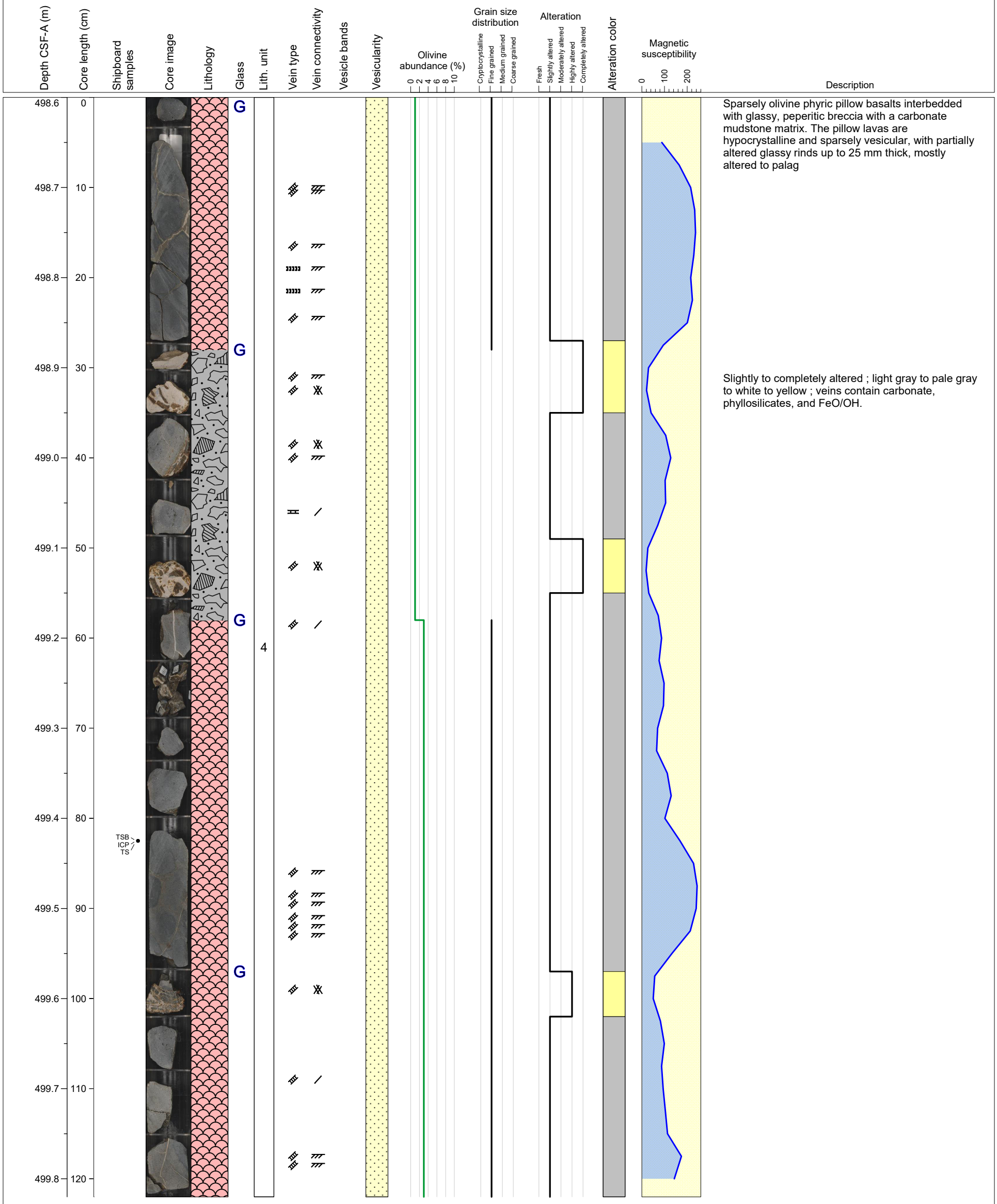
Hole 395C-U1562B-18R Section 2, Top of Section: 494.98 m (CSF-A)



Sparsely olivine phyric pillow basalts interbedded with glassy, peperitic lava breccia with a carbonate mudstone matrix. The pillow lavas are fine grained, hypocrystalline and relatively fresh with glassy rinds. The peperitic intervals contain angular gla

Slightly to completely altered ; light gray to yellow ; veins contain carbonate, celadonite, phyllosilicates, and FeO/OH.

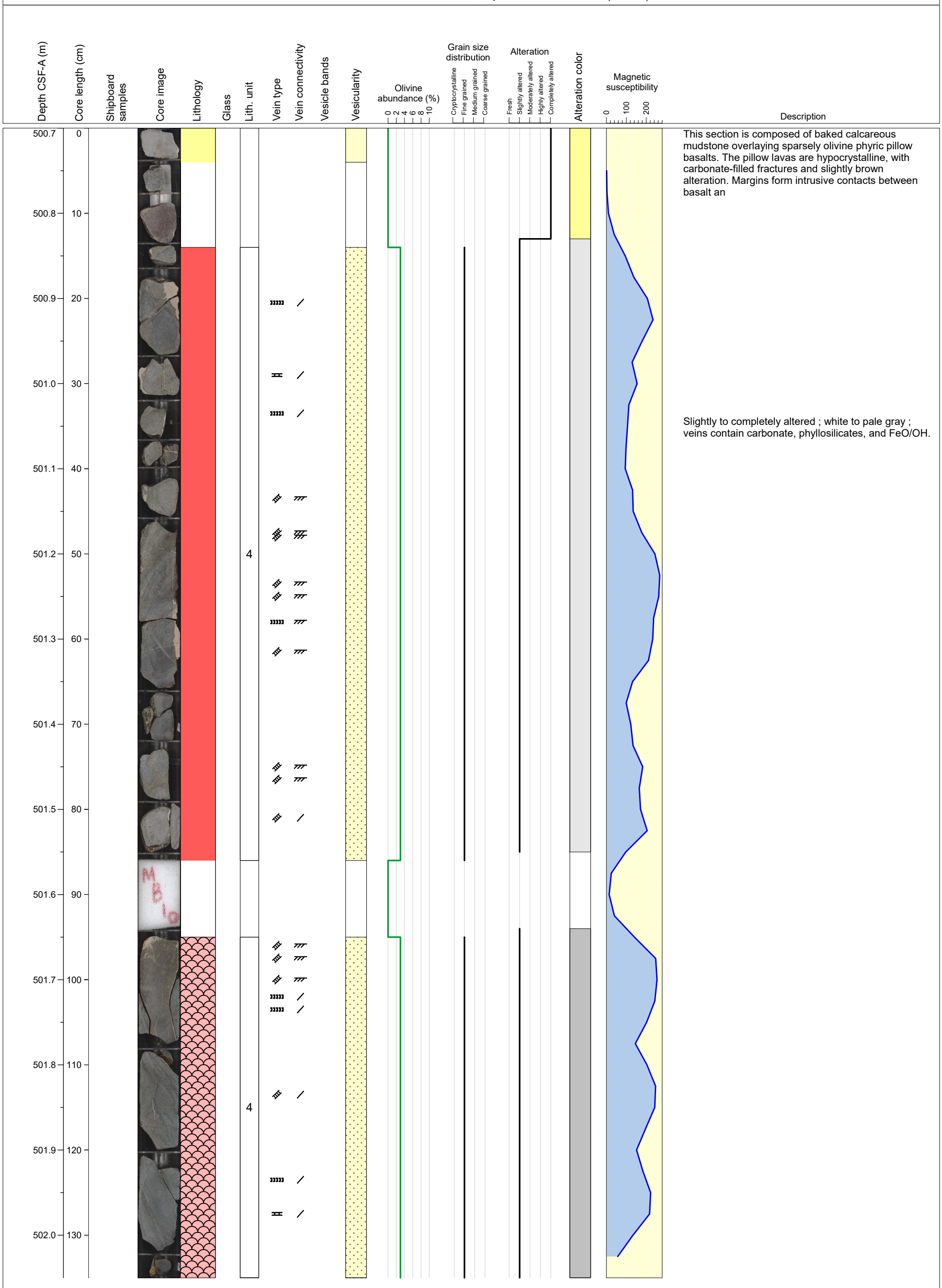
Hole 395C-U1562B-19R Section 1, Top of Section: 498.6 m (CSF-A)



Sparsely olivine phyric pillow basalts interbedded with glassy, peperitic breccia with a carbonate mudstone matrix. The pillow lavas are hypocrystalline and sparsely vesicular, with partially altered glassy rinds up to 25 mm thick, mostly altered to palag

Slightly to completely altered ; light gray to pale gray to white to yellow ; veins contain carbonate, phyllosilicates, and FeO/OH.

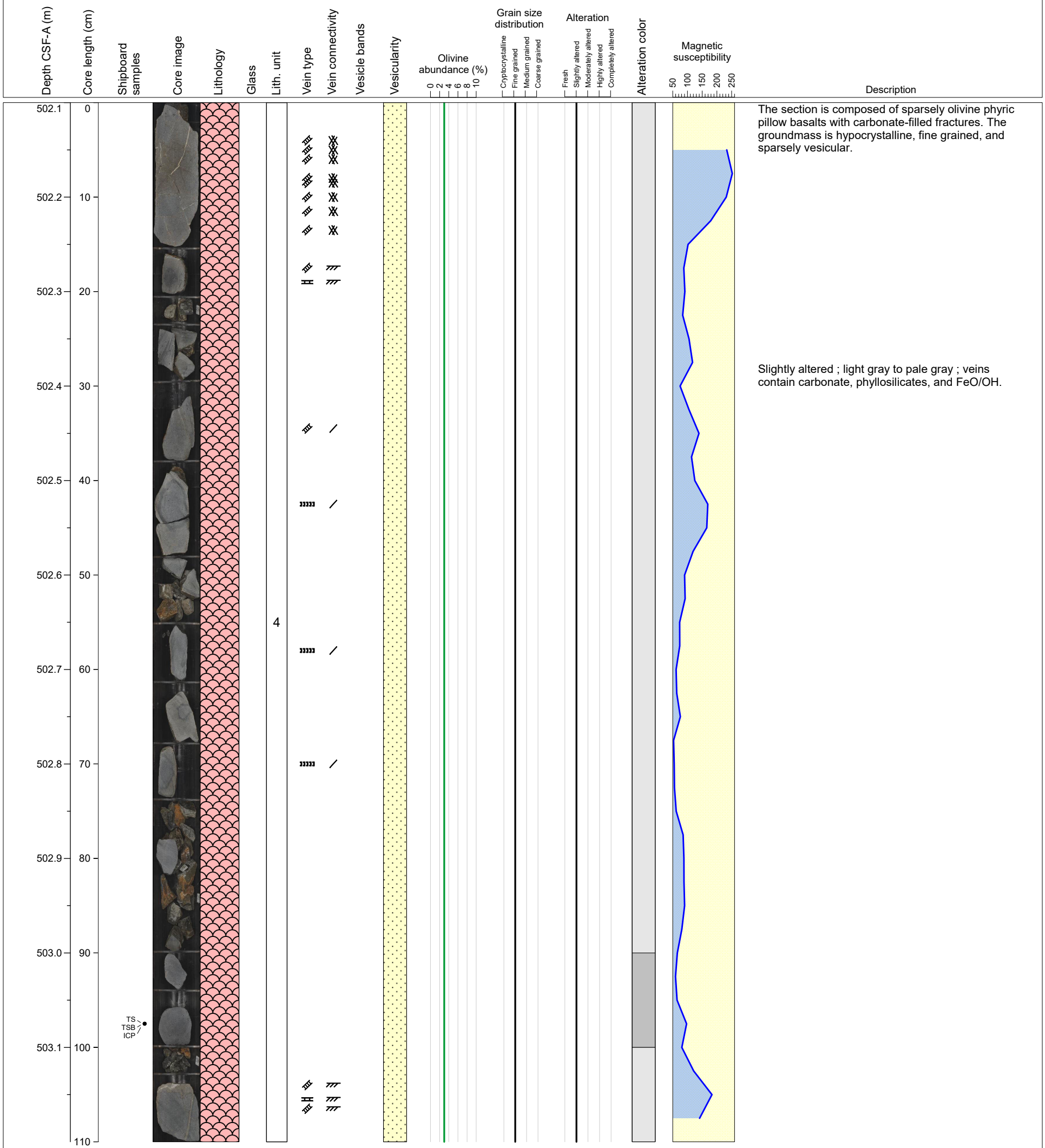
Hole 395C-U1562B-20R Section 1, Top of Section: 500.7 m (CSF-A)



This section is composed of baked calcareous mudstone overlaying sparsely olivine phyric pillow basalts. The pillow lavas are hypocrystalline, with carbonate-filled fractures and slightly brown alteration. Margins form intrusive contacts between basalt an

Slightly to completely altered ; white to pale gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

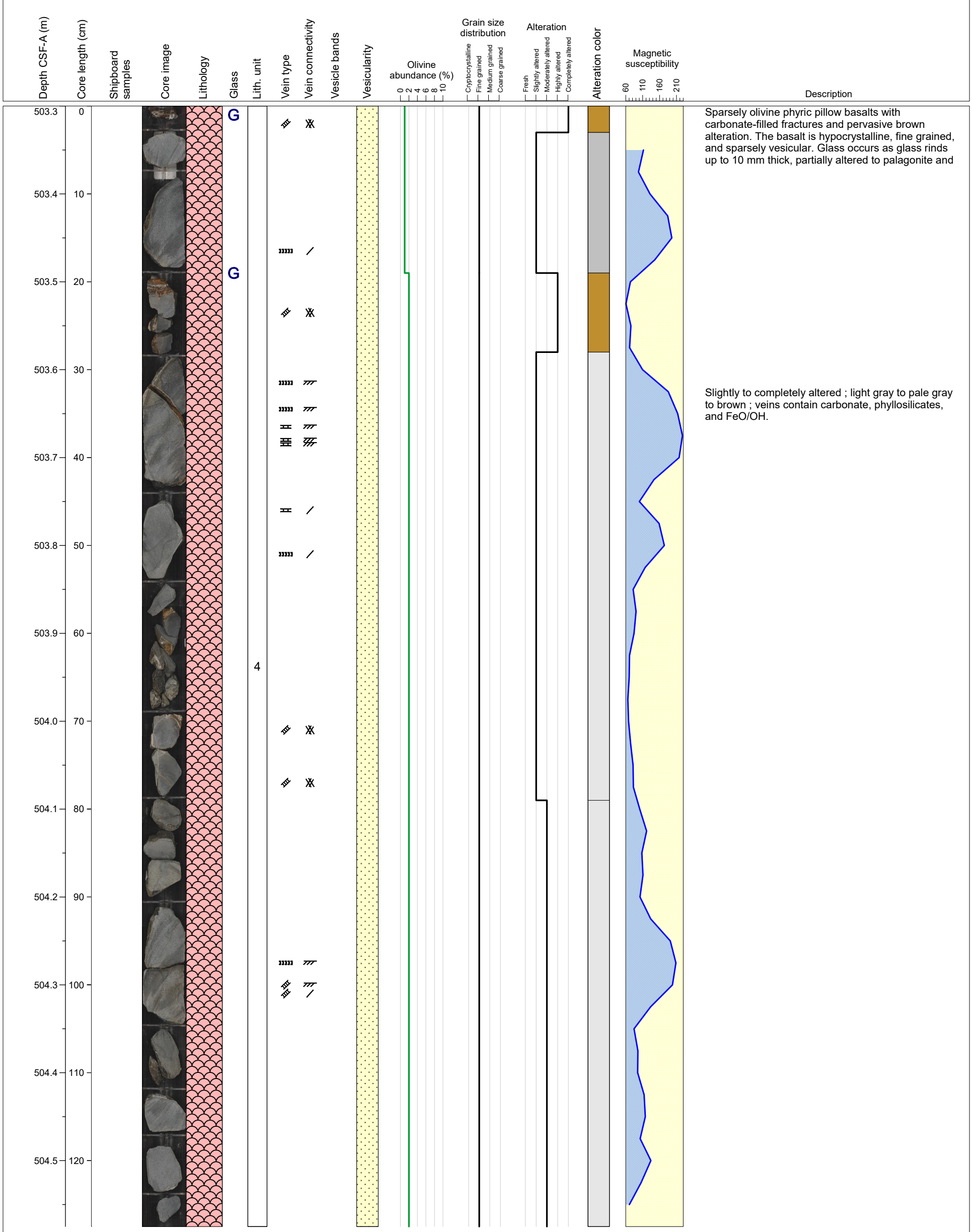
Hole 395C-U1562B-20R Section 2, Top of Section: 502.05 m (CSF-A)



The section is composed of sparsely olivine phyric pillow basalts with carbonate-filled fractures. The groundmass is hypocrystalline, fine grained, and sparsely vesicular.

Slightly altered ; light gray to pale gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

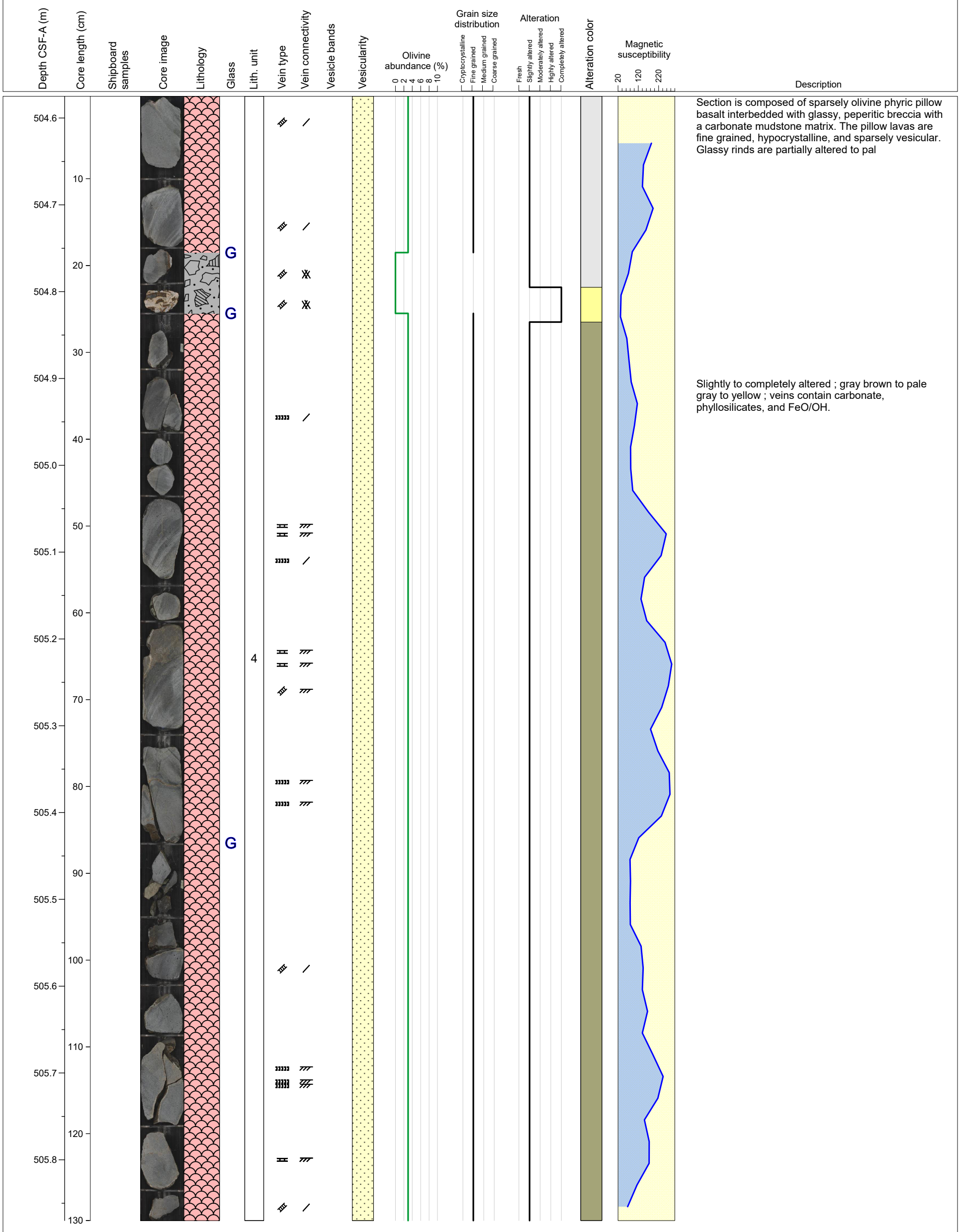
Hole 395C-U1562B-21R Section 1, Top of Section: 503.3 m (CSF-A)



Sparsely olivine phyric pillow basalts with carbonate-filled fractures and pervasive brown alteration. The basalt is hypocrystalline, fine grained, and sparsely vesicular. Glass occurs as glass rinds up to 10 mm thick, partially altered to palagonite and

Slightly to completely altered ; light gray to pale gray to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

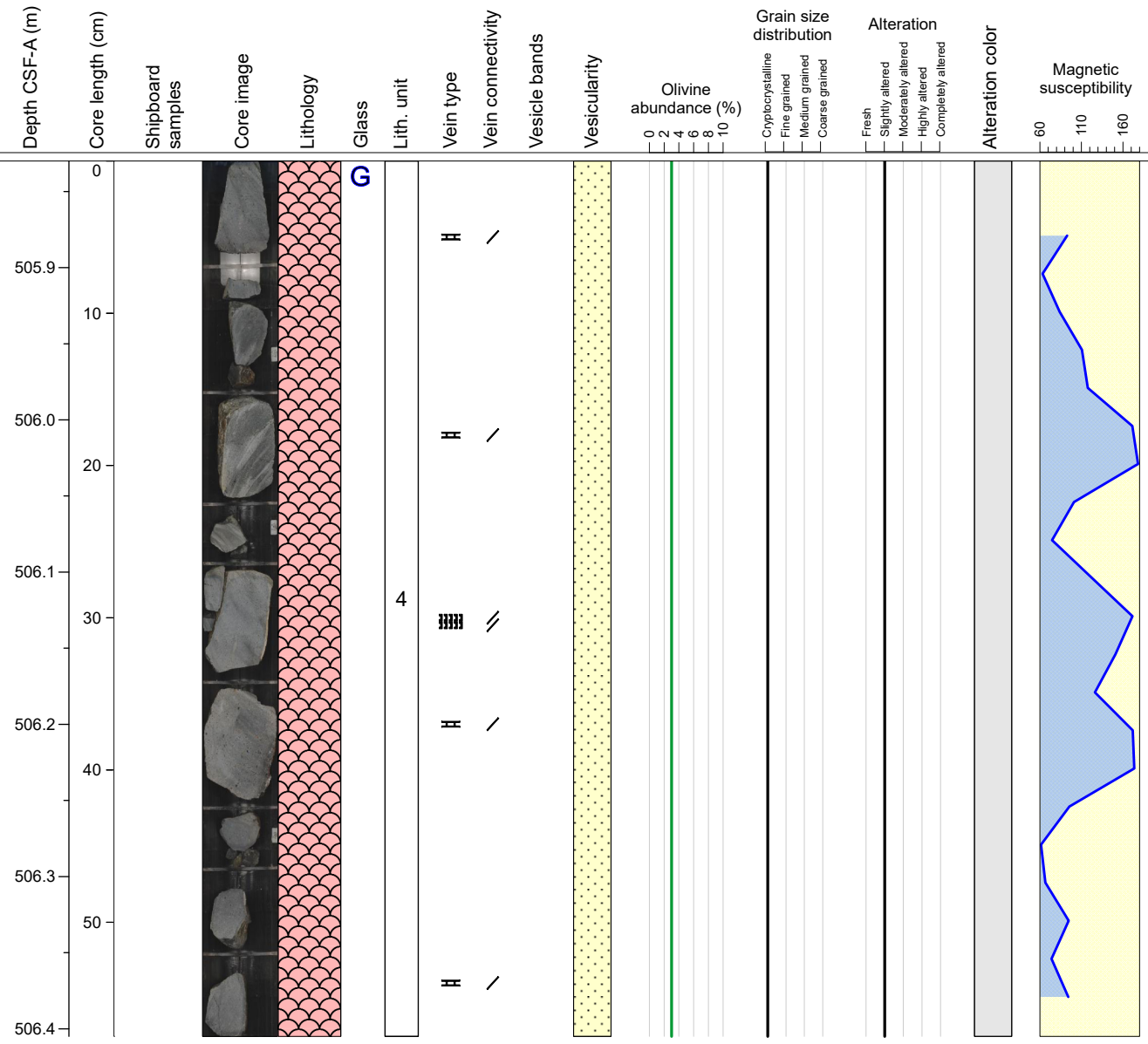
Hole 395C-U1562B-21R Section 2, Top of Section: 504.575 m (CSF-A)



Section is composed of sparsely olivine phyric pillow basalt interbedded with glassy, peperitic breccia with a carbonate mudstone matrix. The pillow lavas are fine grained, hypocrystalline, and sparsely vesicular. Glassy rinds are partially altered to pal

Slightly to completely altered ; gray brown to pale gray to yellow ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-21R Section 3, Top of Section: 505.87 m (CSF-A)



Mixed fragments of sparsely olivine phyric pillow basalt, fine grained and moderately fresh, with carbonate-filled fractures. Glass occurs as thin rinds. Vesicles are sparse, patchy and mostly unfilled.

Slightly altered ; pale gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-22R Section 1, Top of Section: 508.3 m (CSF-A)

Depth CSF-A (m) | Core length (cm) | Shipboard samples | Core image | Lithology | Glass | Lith. unit | Vein type | Vein connectivity | Vesicle bands | Vesicularity | Olivine abundance (%) 0 2 4 6 8 10 | Grain size distribution: Cryptocrystalline, Fine grained, Medium grained, Coarse grained | Alteration: Fresh, Slightly altered, Moderately altered, Highly altered, Completely altered | Alteration color | Magnetic susceptibility 30 80 130 180 | Description

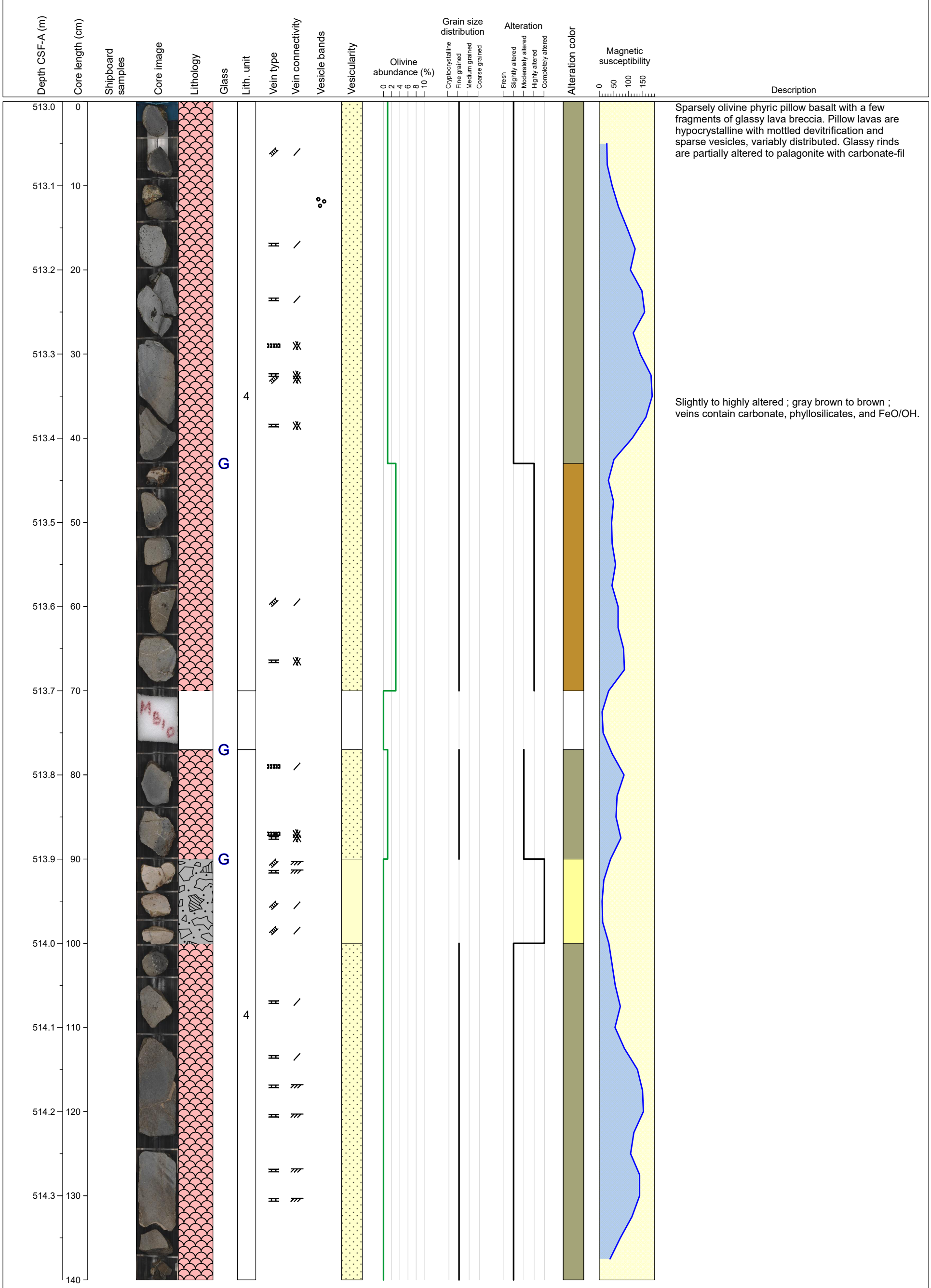
508.3 – 0
508.4 – 10
508.5 – 20
508.6 – 30 (TSB, ICP, TS)
508.7 – 40
508.8 – 50
508.9 – 60
509.0 – 70
509.1 – 80
509.2 – 90
509.3 – 100
509.4 – 110
509.5 – 120

Glass: G (508.3 m); G (508.8 m)
Lith. unit: 4

Sparsely olivine phyric pillow basalt interbedded with glassy, peperitic breccia with a carbonate mudstone matrix. Pillow lavas are fine grained, hypocrystalline, and sparsely vesicular with variable vesicle distribution. Glassy rinds are partially altere

Slightly to highly altered ; pale gray to gray brown to brown to yellow ; veins contain carbonate, phyllosilicates, and FeO/OH.

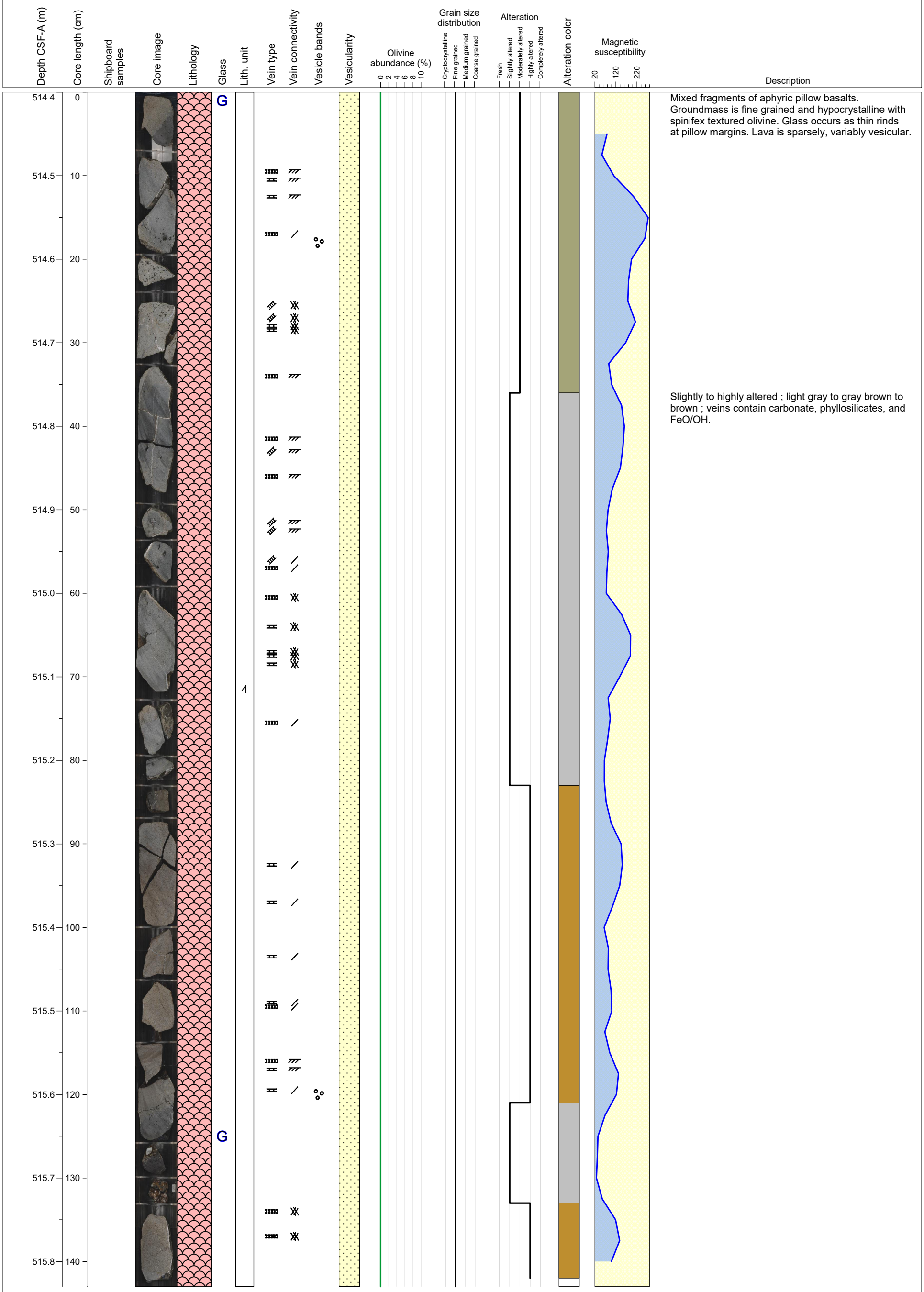
Hole 395C-U1562B-23R Section 1, Top of Section: 513.0 m (CSF-A)



Sparsely olivine phyric pillow basalt with a few fragments of glassy lava breccia. Pillow lavas are hypocrystalline with mottled devitrification and sparse vesicles, variably distributed. Glassy rinds are partially altered to palagonite with carbonate-fil

Slightly to highly altered ; gray brown to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

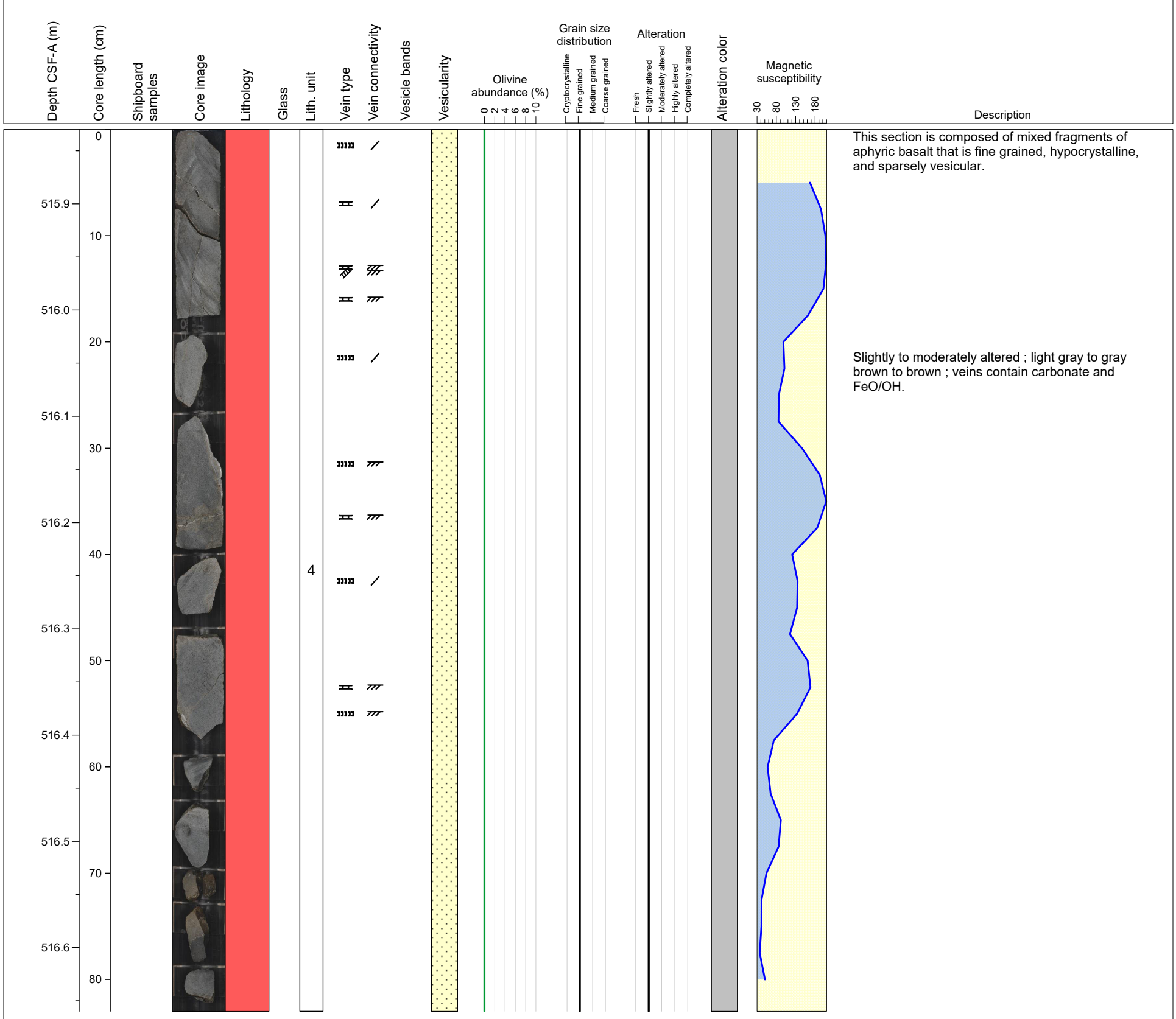
Hole 395C-U1562B-23R Section 2, Top of Section: 514.4 m (CSF-A)



Mixed fragments of aphyric pillow basalts. Groundmass is fine grained and hypocrystalline with spinifex textured olivine. Glass occurs as thin rinds at pillow margins. Lava is sparsely, variably vesicular.

Slightly to highly altered ; light gray to gray brown to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

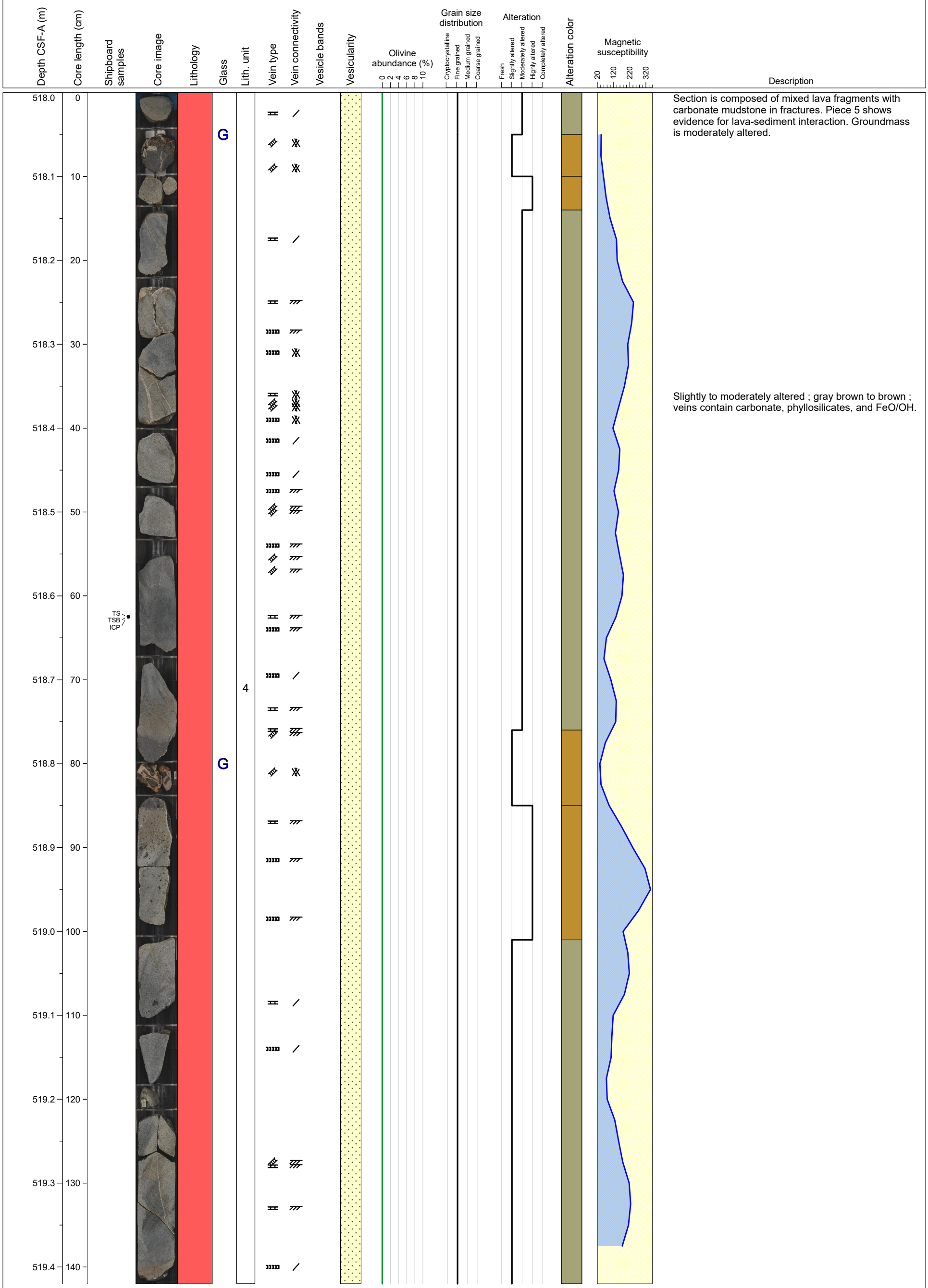
Hole 395C-U1562B-23R Section 3, Top of Section: 515.83 m (CSF-A)



This section is composed of mixed fragments of aphyric basalt that is fine grained, hypocrystalline, and sparsely vesicular.

Slightly to moderately altered ; light gray to gray brown to brown ; veins contain carbonate and FeO/OH.

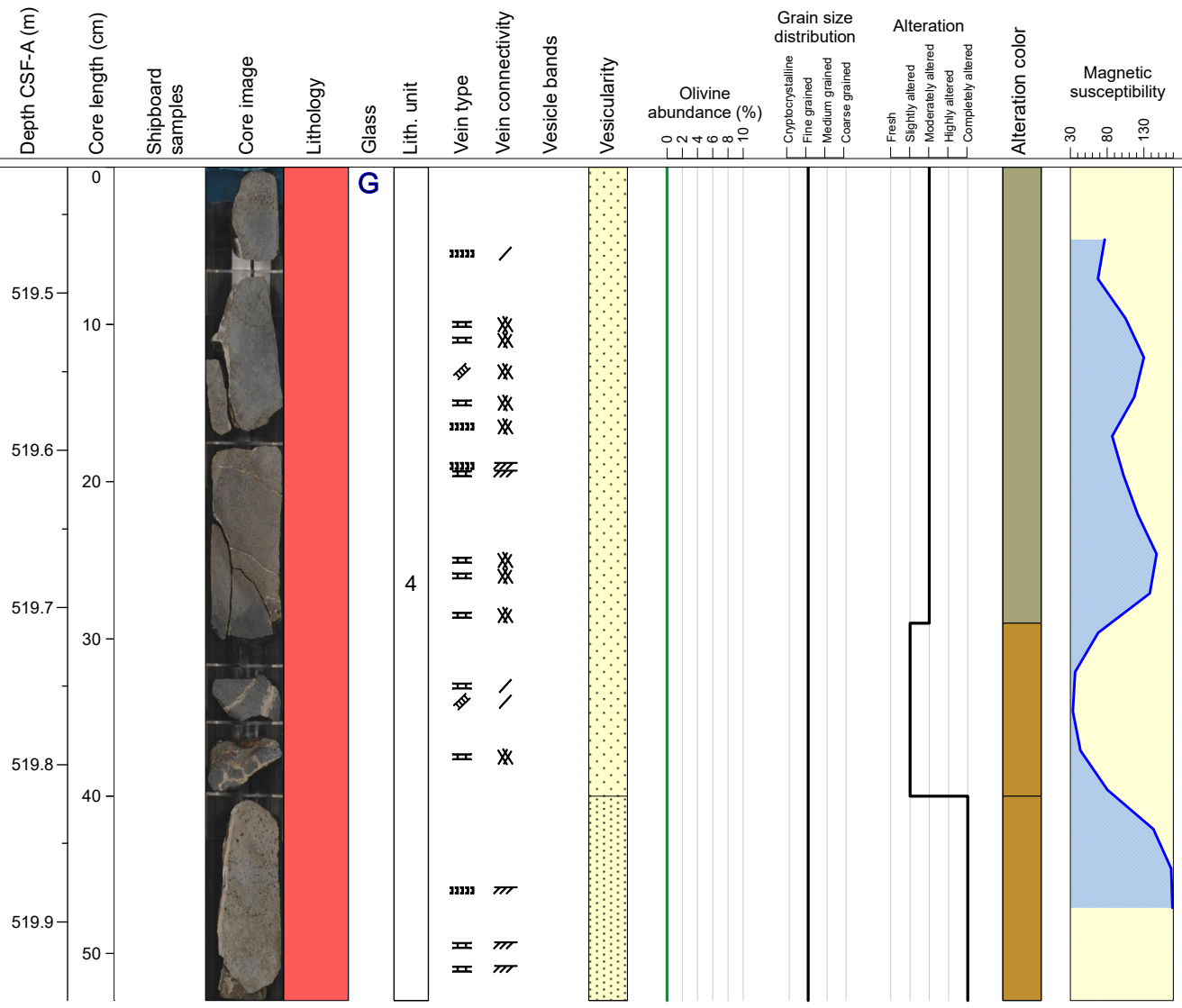
Hole 395C-U1562B-24R Section 1, Top of Section: 518.0 m (CSF-A)



Section is composed of mixed lava fragments with carbonate mudstone in fractures. Piece 5 shows evidence for lava-sediment interaction. Groundmass is moderately altered.

Slightly to moderately altered ; gray brown to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-24R Section 2, Top of Section: 519.42 m (CSF-A)



Description

Section is composed of fine-grained aphyric basalt with carbonate-filled fractures. Rock is hypocrystalline with a devitrified groundmass. Glass occurs as altered fragments and shards (up to 15 mm) in baked carbonate mudstone. The rock is sparsely to mode

Slightly to completely altered ; gray brown to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-25R Section 1, Top of Section: 522.7 m (CSF-A)

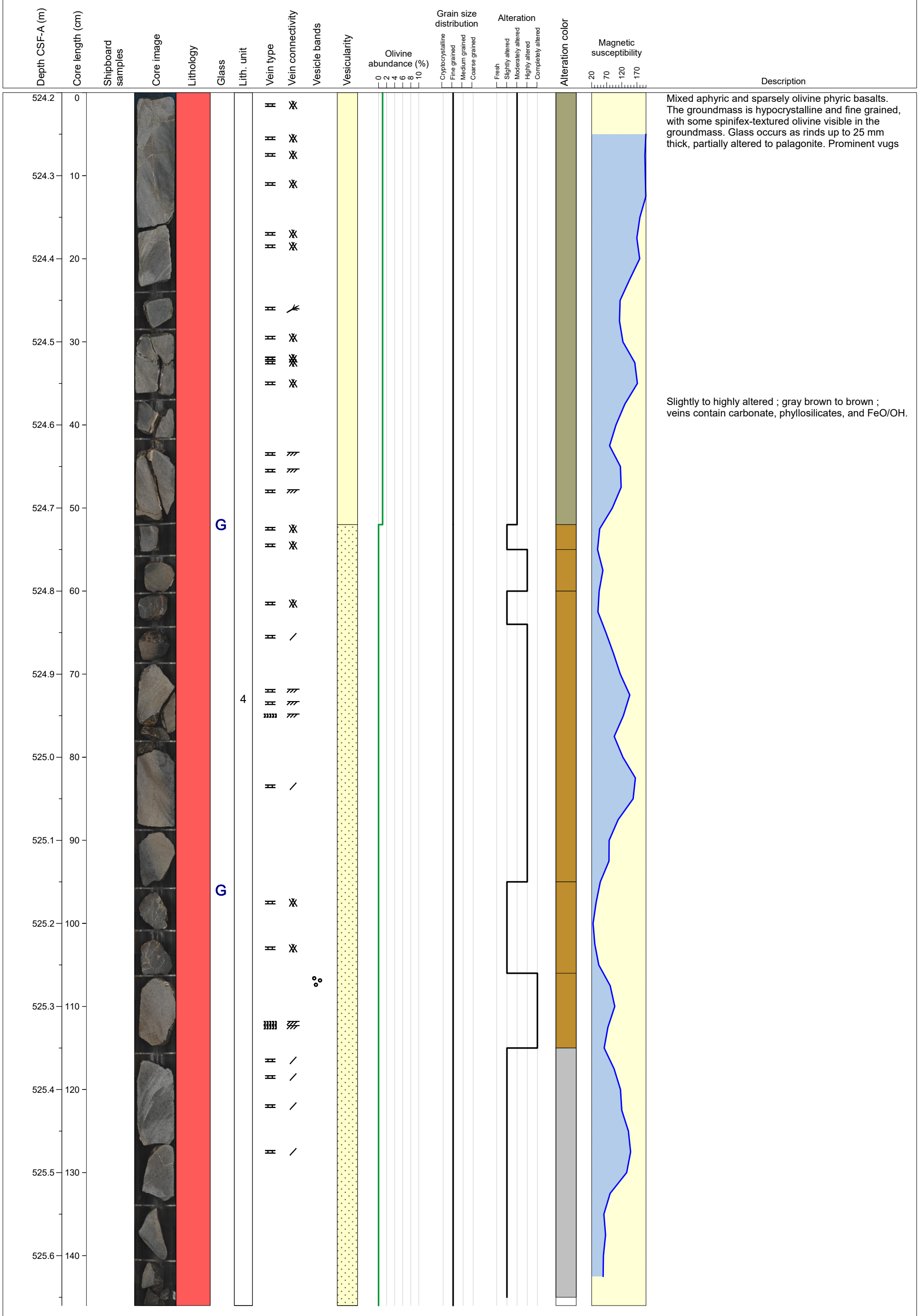
Depth CSF-A (m) | Core length (cm) | Shipboard samples | Core image | Lithology | Glass | Lith. unit | Vein type | Vein connectivity | Vesicle bands | Vesicularity | Olivine abundance (%) 0 2 4 6 8 10 | Grain size distribution: Cryptocrystalline, Fine grained, Medium grained, Coarse grained | Alteration: Fresh, Slightly altered, Moderately altered, Highly altered, Completely altered | Alteration color | Magnetic susceptibility 20 120 220 | Description

522.7 (0)
Mixed aphyric and sparsely olivine phyric basalt fragments. The groundmass is hypocrystalline, fine grained, and moderately altered with brown weathering. Glass occurs as 15 mm thick rinds, partially altered to palagonite. Prominent vugs filled with carbo

522.8 (10)
522.9 (20)
523.0 (30)
523.1 (40)
TSB
ICP
TS
523.2 (50)
523.3 (60)
523.4 (70)
523.5 (80)
523.6 (90)
523.7 (100)
523.8 (110)
523.9 (120)
524.0 (130)
524.1 (140)
150

Slightly to highly altered ; light gray to gray brown to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

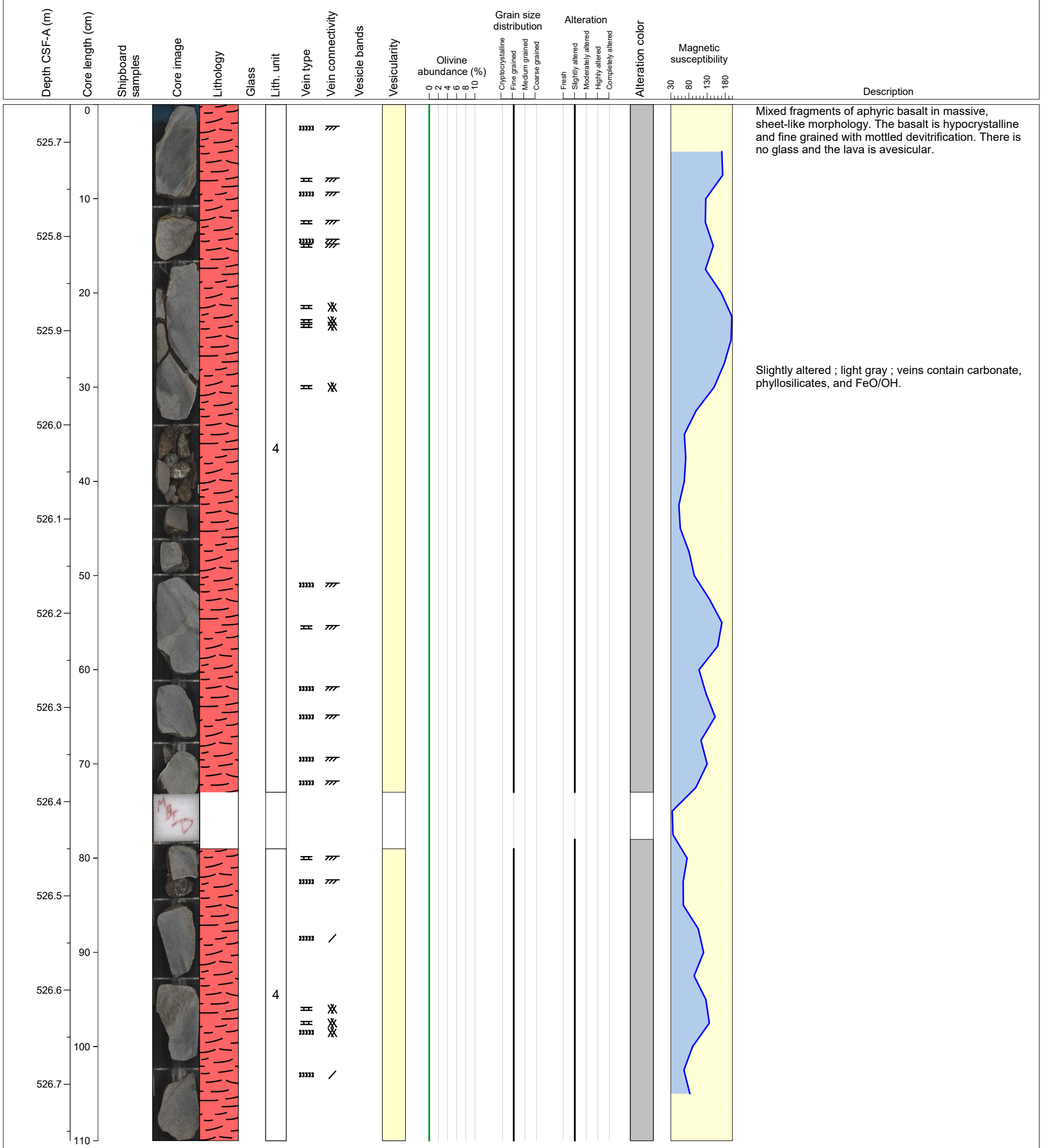
Hole 395C-U1562B-25R Section 2, Top of Section: 524.2 m (CSF-A)



Mixed aphyric and sparsely olivine phyric basalts. The groundmass is hypocrystalline and fine grained, with some spinifex-textured olivine visible in the groundmass. Glass occurs as rinds up to 25 mm thick, partially altered to palagonite. Prominent vugs

Slightly to highly altered ; gray brown to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

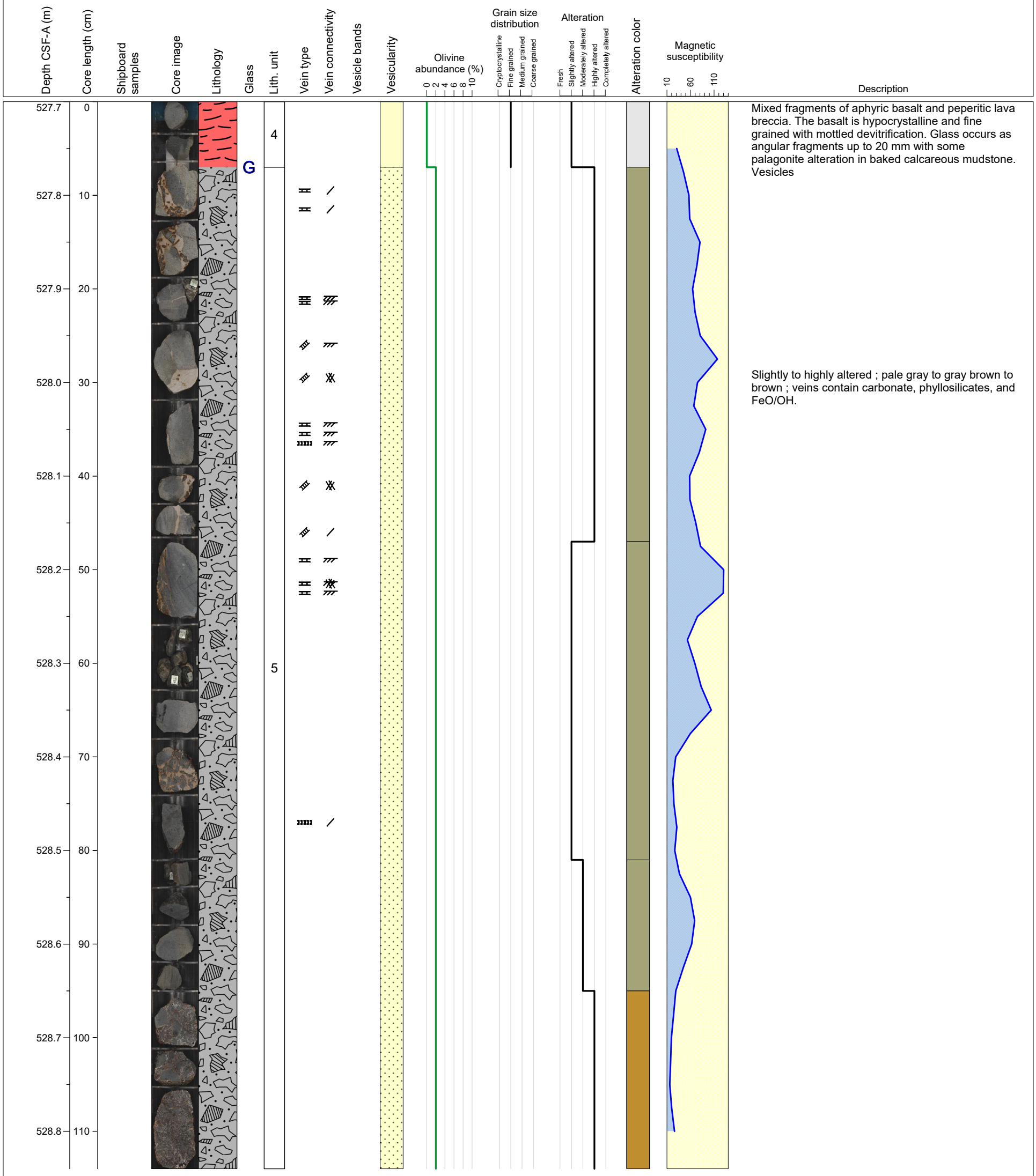
Hole 395C-U1562B-25R Section 3, Top of Section: 525.66 m (CSF-A)



Mixed fragments of aphyric basalt in massive, sheet-like morphology. The basalt is hypocrystalline and fine grained with mottled devitrification. There is no glass and the lava is avesicular.

Slightly altered ; light gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

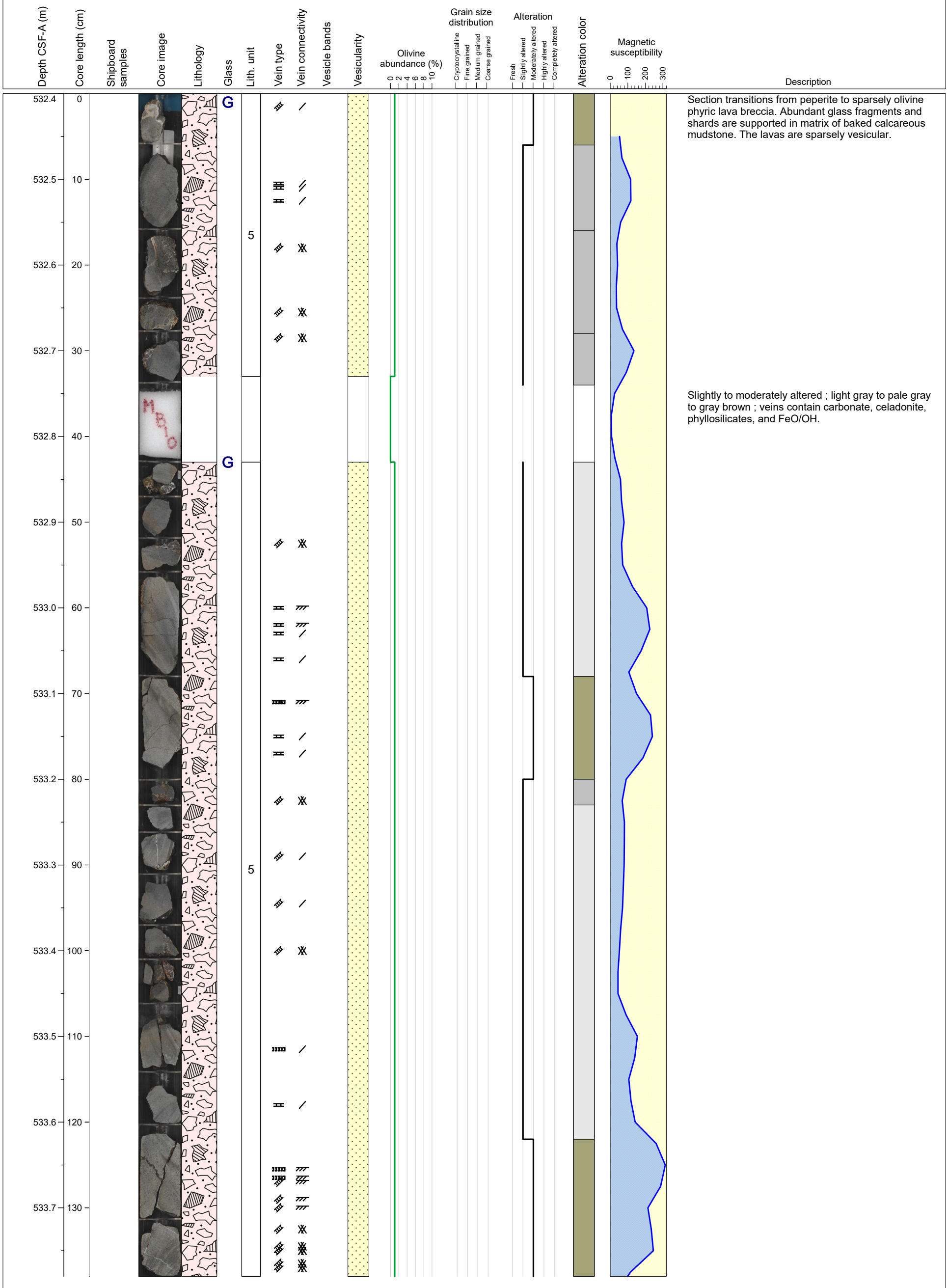
Hole 395C-U1562B-26R Section 1, Top of Section: 527.7 m (CSF-A)



Mixed fragments of aphyric basalt and peperitic lava breccia. The basalt is hypocrystalline and fine grained with mottled devitrification. Glass occurs as angular fragments up to 20 mm with some palagonite alteration in baked calcareous mudstone. Vesicles

Slightly to highly altered ; pale gray to gray brown to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

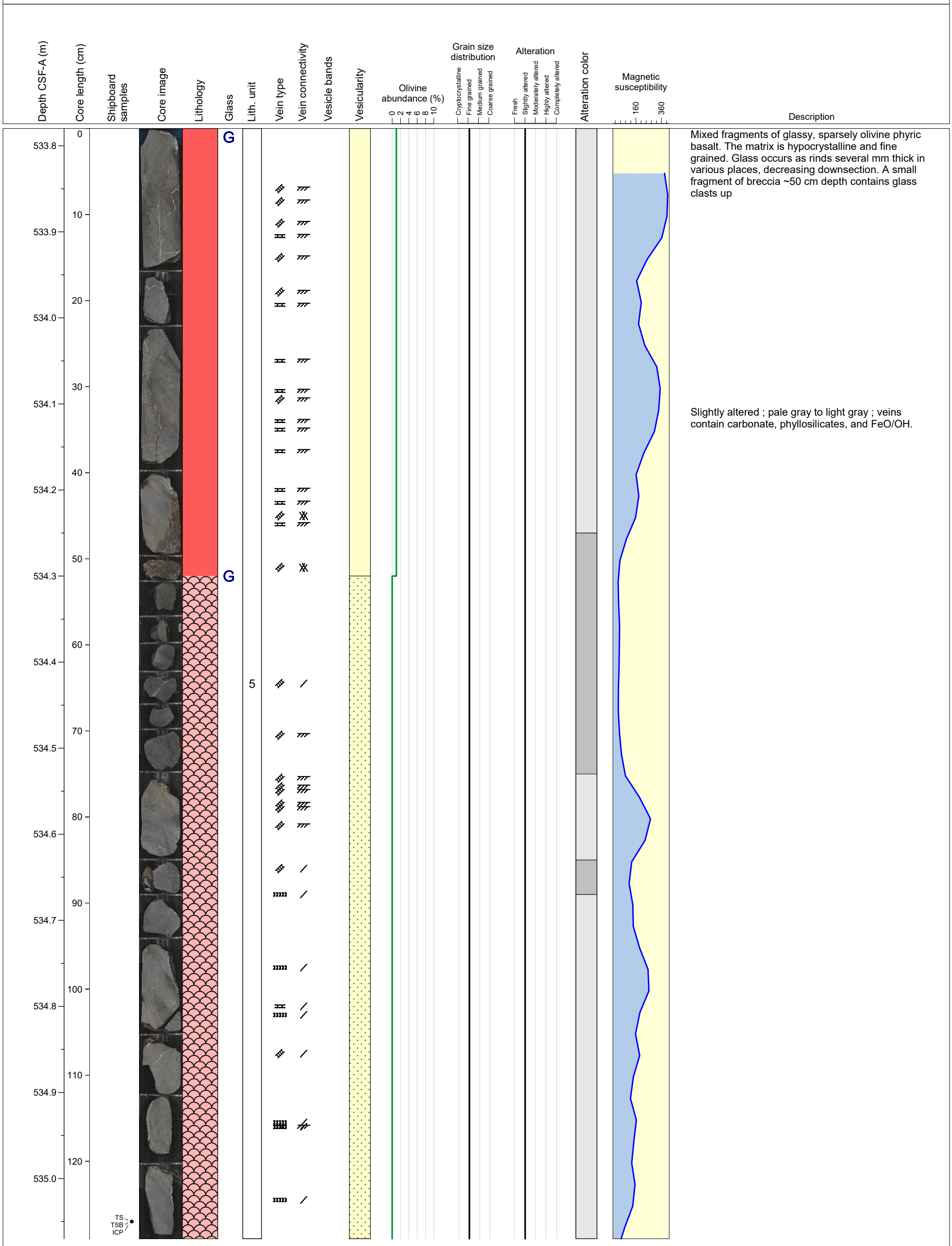
Hole 395C-U1562B-27R Section 1, Top of Section: 532.4 m (CSF-A)



Section transitions from peperite to sparsely olivine phyric lava breccia. Abundant glass fragments and shards are supported in matrix of baked calcareous mudstone. The lavas are sparsely vesicular.

Slightly to moderately altered ; light gray to pale gray to gray brown ; veins contain carbonate, celadonite, phyllosilicates, and FeO/OH.

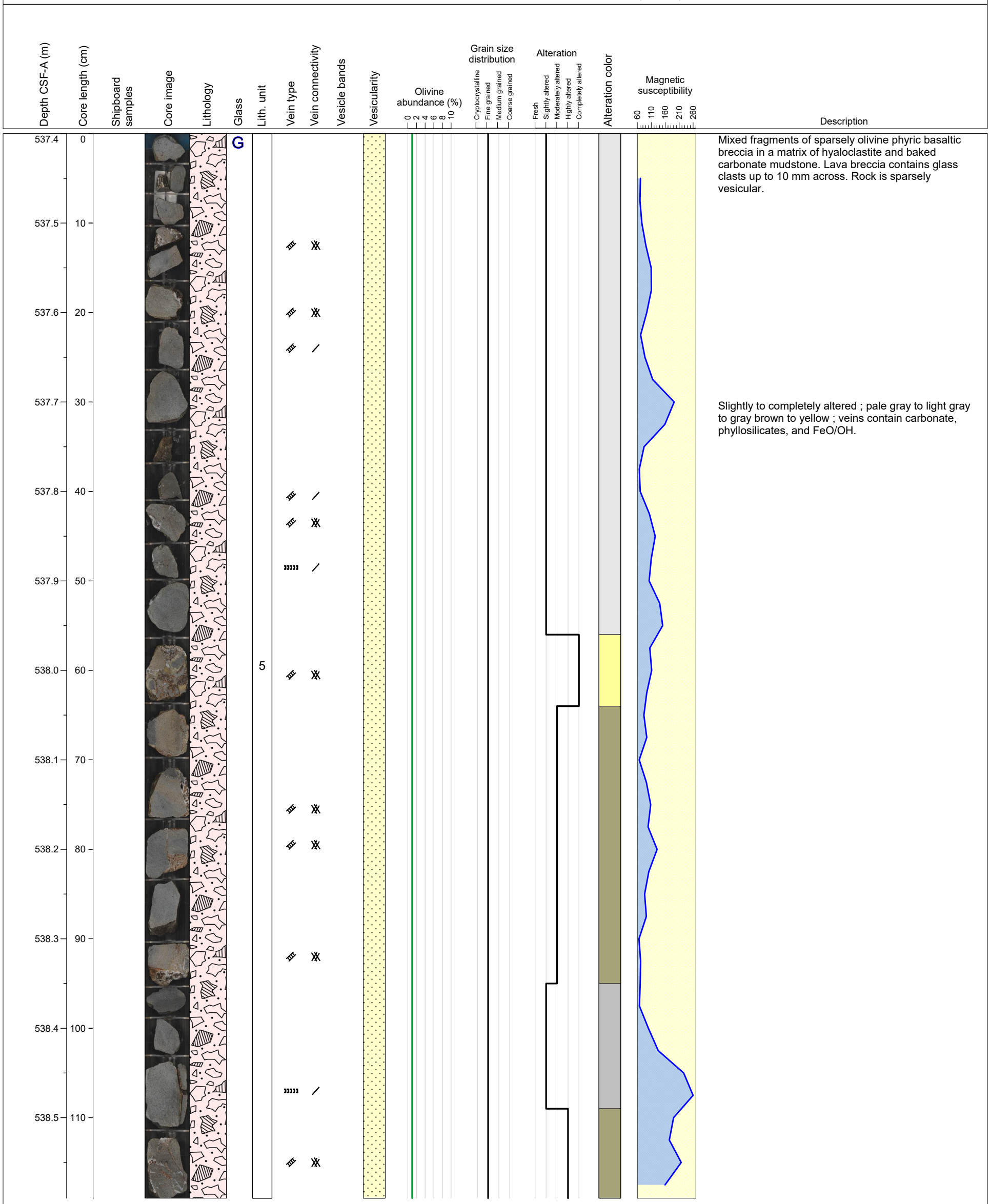
Hole 395C-U1562B-27R Section 2, Top of Section: 533.78 m (CSF-A)



Mixed fragments of glassy, sparsely olivine phyric basalt. The matrix is hypocrystalline and fine grained. Glass occurs as rinds several mm thick in various places, decreasing downsection. A small fragment of breccia ~50 cm depth contains glass clasts up

Slightly altered ; pale gray to light gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

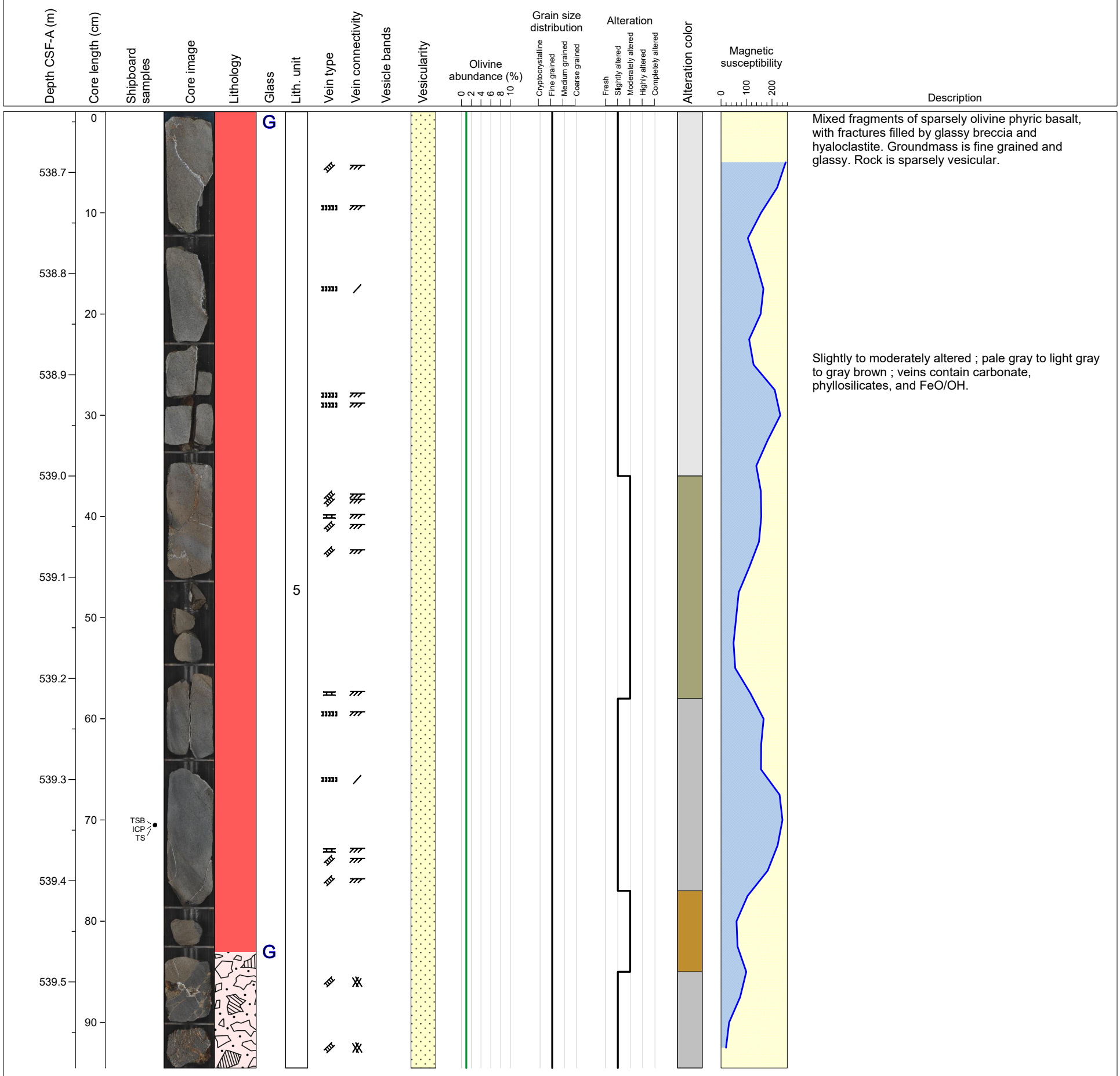
Hole 395C-U1562B-28R Section 1, Top of Section: 537.4 m (CSF-A)



Mixed fragments of sparsely olivine phyric basaltic breccia in a matrix of hyaloclastite and baked carbonate mudstone. Lava breccia contains glass clasts up to 10 mm across. Rock is sparsely vesicular.

Slightly to completely altered ; pale gray to light gray to gray brown to yellow ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-28R Section 2, Top of Section: 538.59 m (CSF-A)



Mixed fragments of sparsely olivine phyric basalt, with fractures filled by glassy breccia and hyaloclastite. Groundmass is fine grained and glassy. Rock is sparsely vesicular.

Slightly to moderately altered ; pale gray to light gray to gray brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-29R Section 1, Top of Section: 542.1 m (CSF-A)

Depth CSF-A (m) | Core length (cm) | Shipboard samples | Core image | Lithology | Glass | Lith. unit | Vein type | Vein connectivity | Vesicle bands | Vesicularity | Olivine abundance (%) 0 2 4 6 8 10 | Grain size distribution: Cryptocrystalline, Fine grained, Medium grained, Coarse grained | Alteration: Fresh, Slightly altered, Moderately altered, Highly altered, Completely altered | Alteration color | Magnetic susceptibility 0 100 200 300 | Description

542.1 (0) 542.2 (10) 542.3 (20) 542.4 (30) 542.5 (40) 542.6 (50) 542.7 (60) 542.8 (70) 542.9 (80) 543.0 (90) 543.1 (100) 543.2 (110) 543.3 (120) 543.4 (130) 543.5 (140) 150

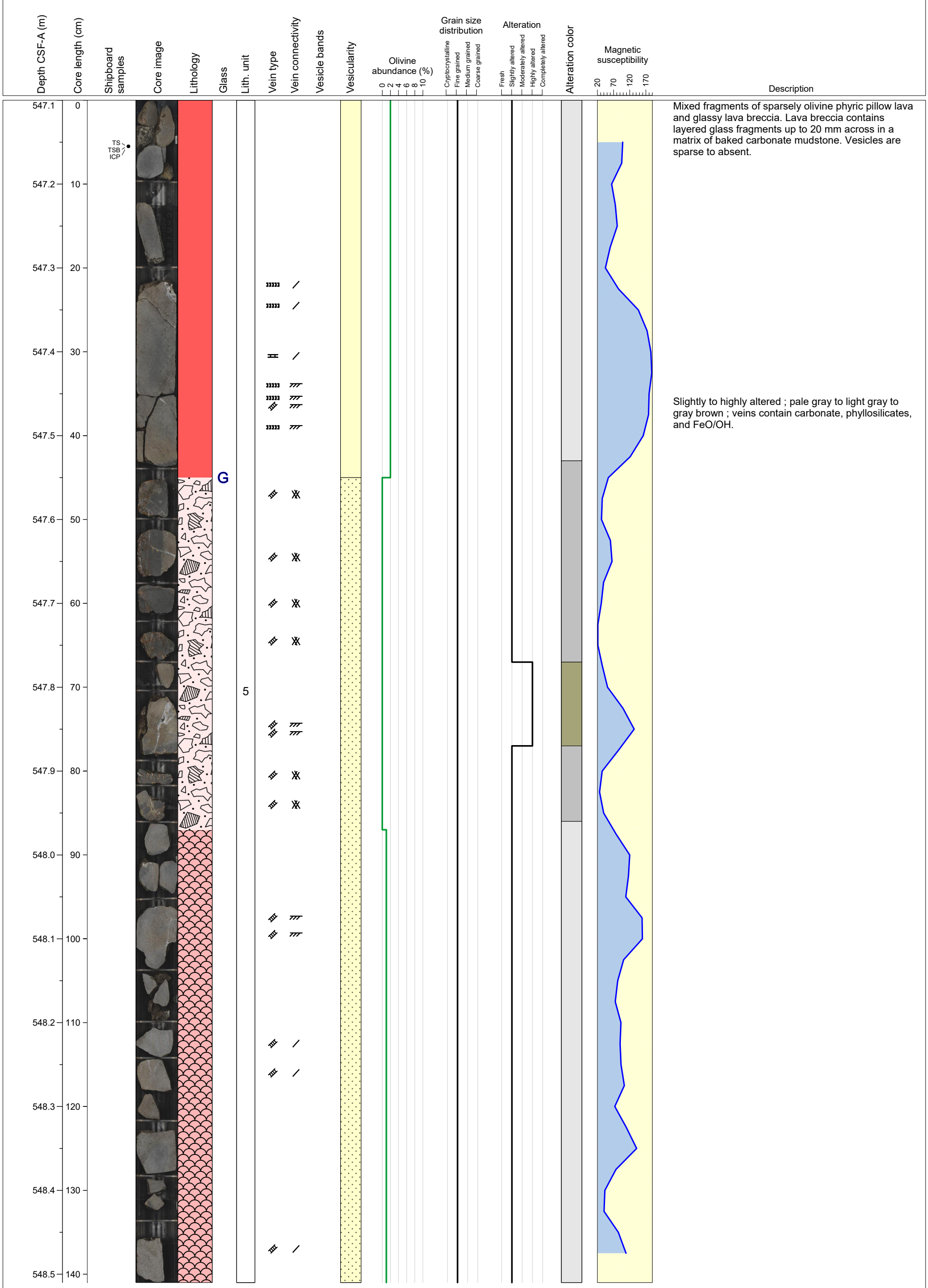
G

5

Glassy lava breccia grades downsection into fine-grained basaltic lava. The basalt is sparsely olivine phyric and sparsely vesicular. Glass occurs as fragments up to 30 mm across, supported in a matrix of palagonite and baked carbonate mudstone. In the lo

Slightly to highly altered ; pale gray to light gray to gray brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-30R Section 1, Top of Section: 547.1 m (CSF-A)



Mixed fragments of sparsely olivine phyric pillow lava and glassy lava breccia. Lava breccia contains layered glass fragments up to 20 mm across in a matrix of baked carbonate mudstone. Vesicles are sparse to absent.

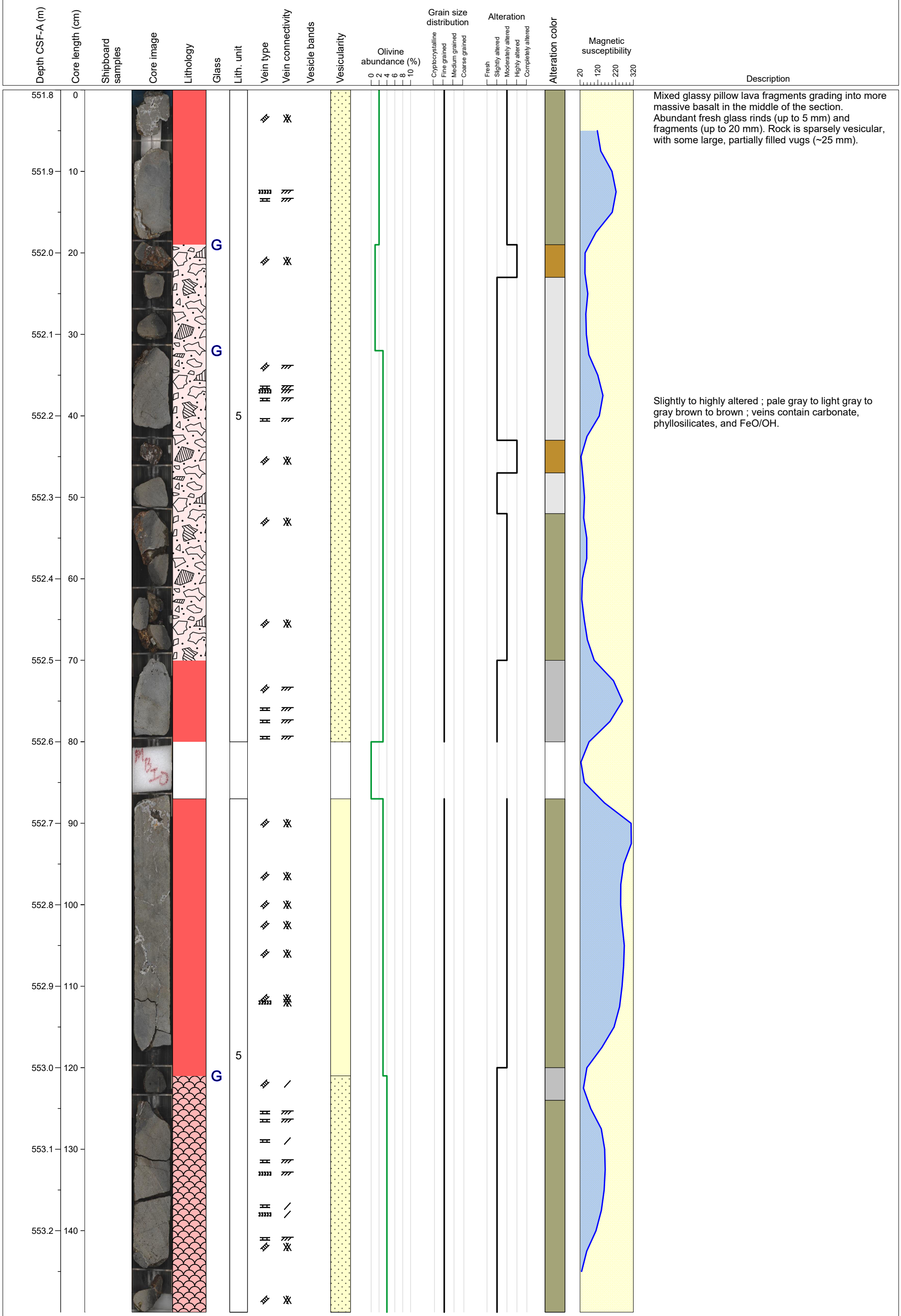
Slightly to highly altered ; pale gray to light gray to gray brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-30R Section 2, Top of Section: 548.51 m (CSF-A)

Section is composed of mixed pillow fragments and gravel. The basalt is hypocrystalline and sparsely vesicular. Small glass fragments in piece 3.

Slightly altered ; pale gray ; veins contain carbonate, phyllosilicates, and FeO/OH.

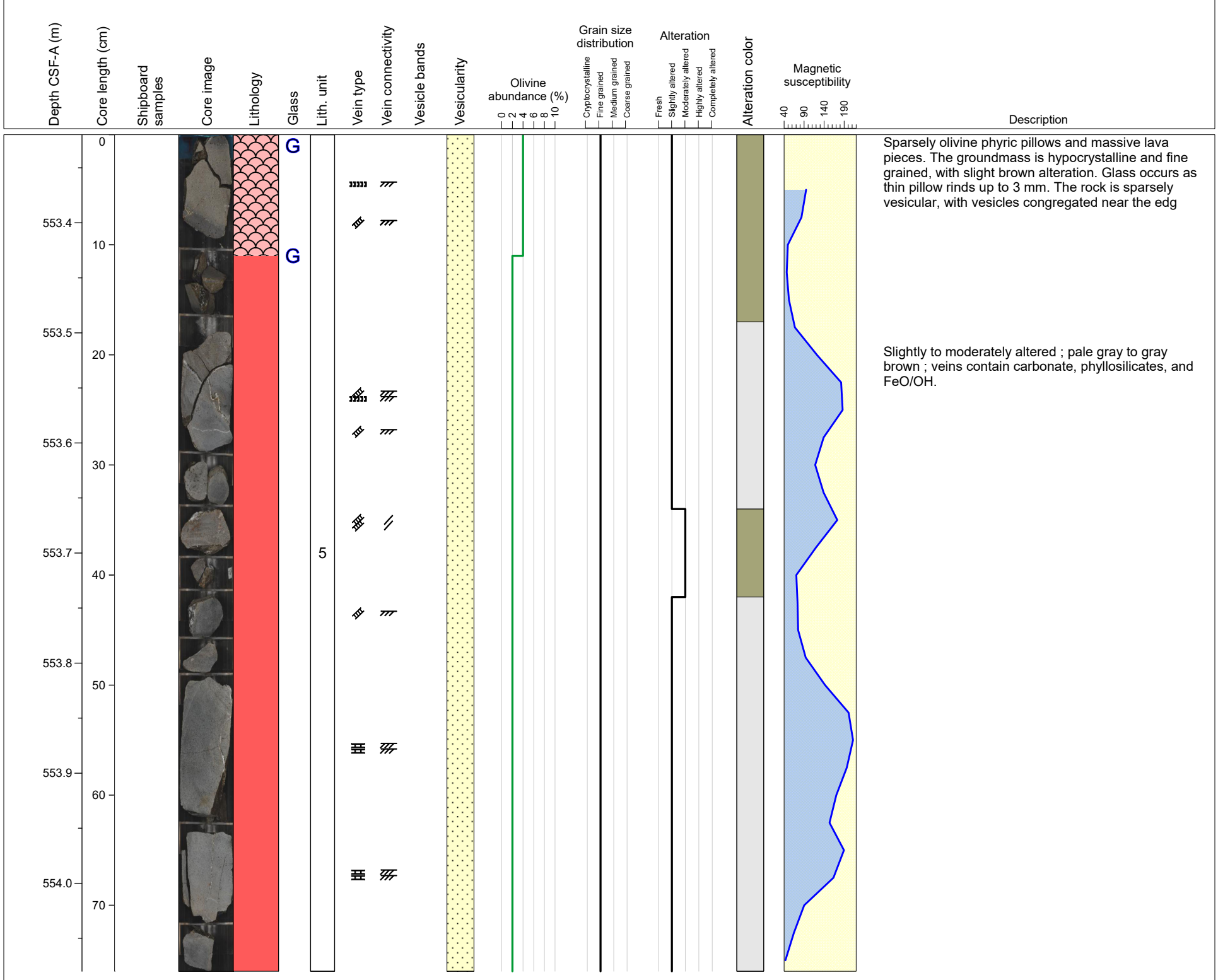
Hole 395C-U1562B-31R Section 1, Top of Section: 551.8 m (CSF-A)



Mixed glassy pillow lava fragments grading into more massive basalt in the middle of the section. Abundant fresh glass rinds (up to 5 mm) and fragments (up to 20 mm). Rock is sparsely vesicular, with some large, partially filled vugs (~25 mm).

Slightly to highly altered ; pale gray to light gray to gray brown to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

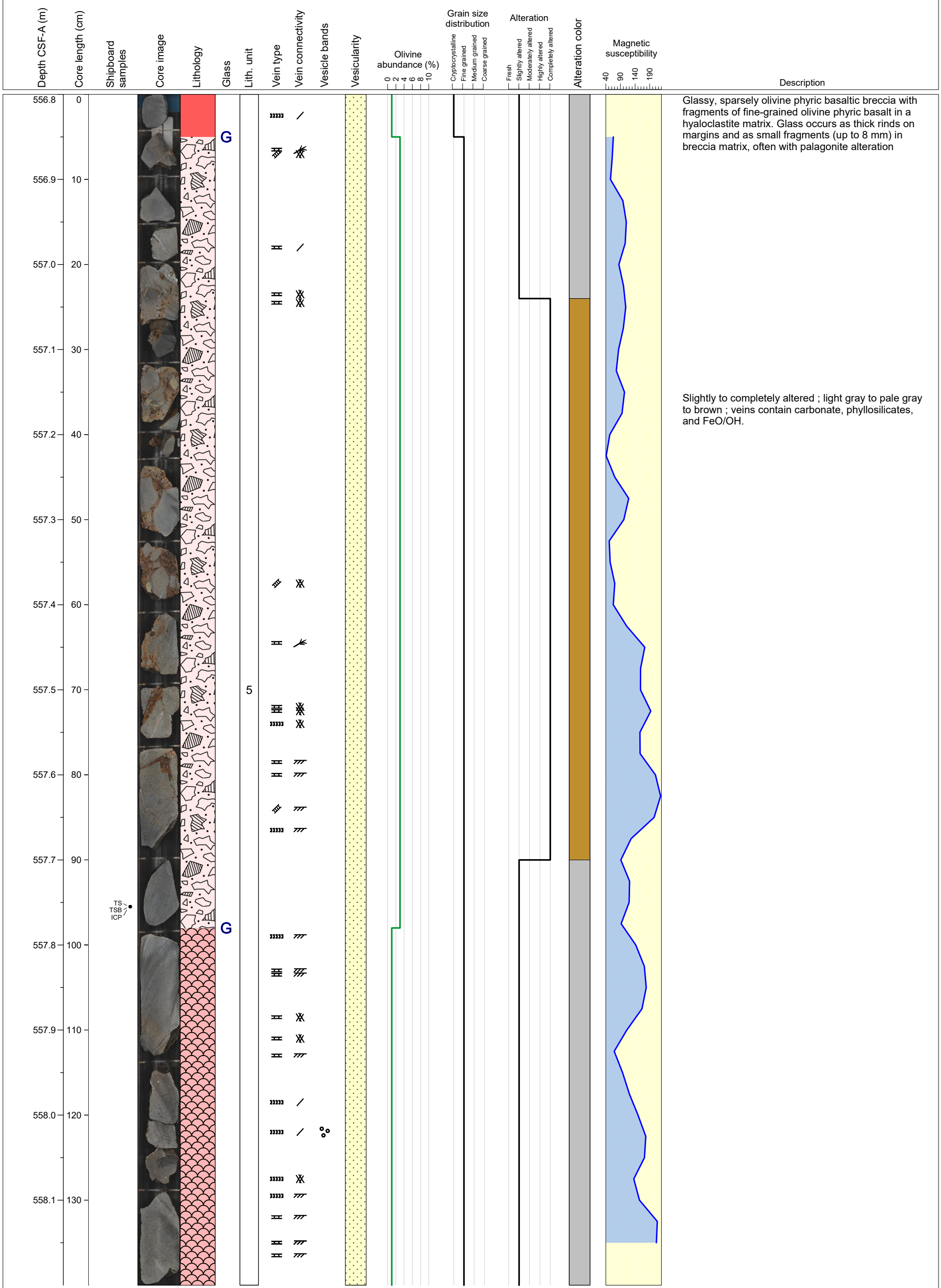
Hole 395C-U1562B-31R Section 2, Top of Section: 553.3 m (CSF-A)



Sparsely olivine phyric pillows and massive lava pieces. The groundmass is hypocrystalline and fine grained, with slight brown alteration. Glass occurs as thin pillow rinds up to 3 mm. The rock is sparsely vesicular, with vesicles congregated near the edg

Slightly to moderately altered ; pale gray to gray brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

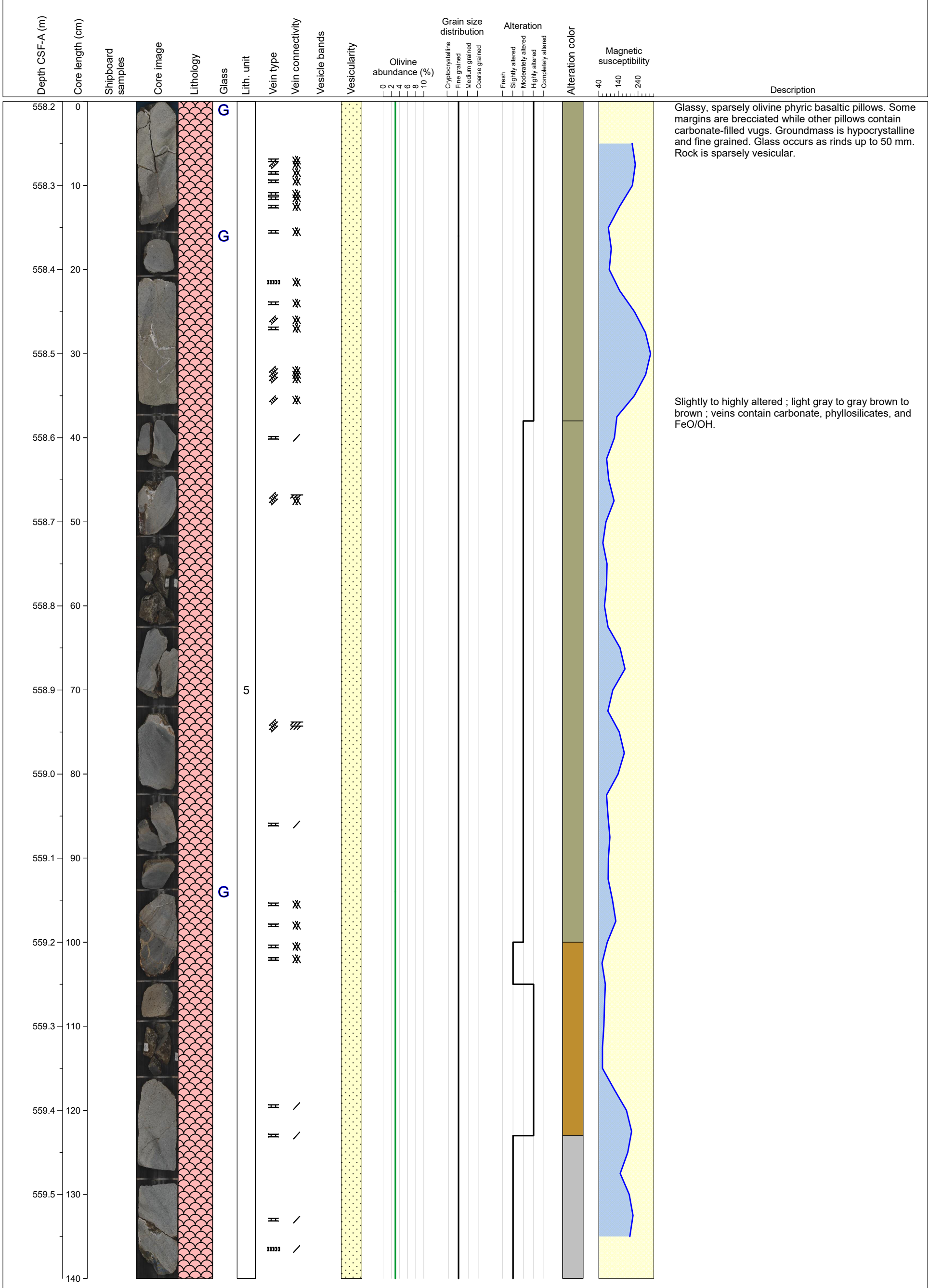
Hole 395C-U1562B-32R Section 1, Top of Section: 556.8 m (CSF-A)



Glassy, sparsely olivine phyric basaltic breccia with fragments of fine-grained olivine phyric basalt in a hyaloclastite matrix. Glass occurs as thick rinds on margins and as small fragments (up to 8 mm) in breccia matrix, often with palagonite alteration

Slightly to completely altered ; light gray to pale gray to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

Hole 395C-U1562B-32R Section 2, Top of Section: 558.2 m (CSF-A)

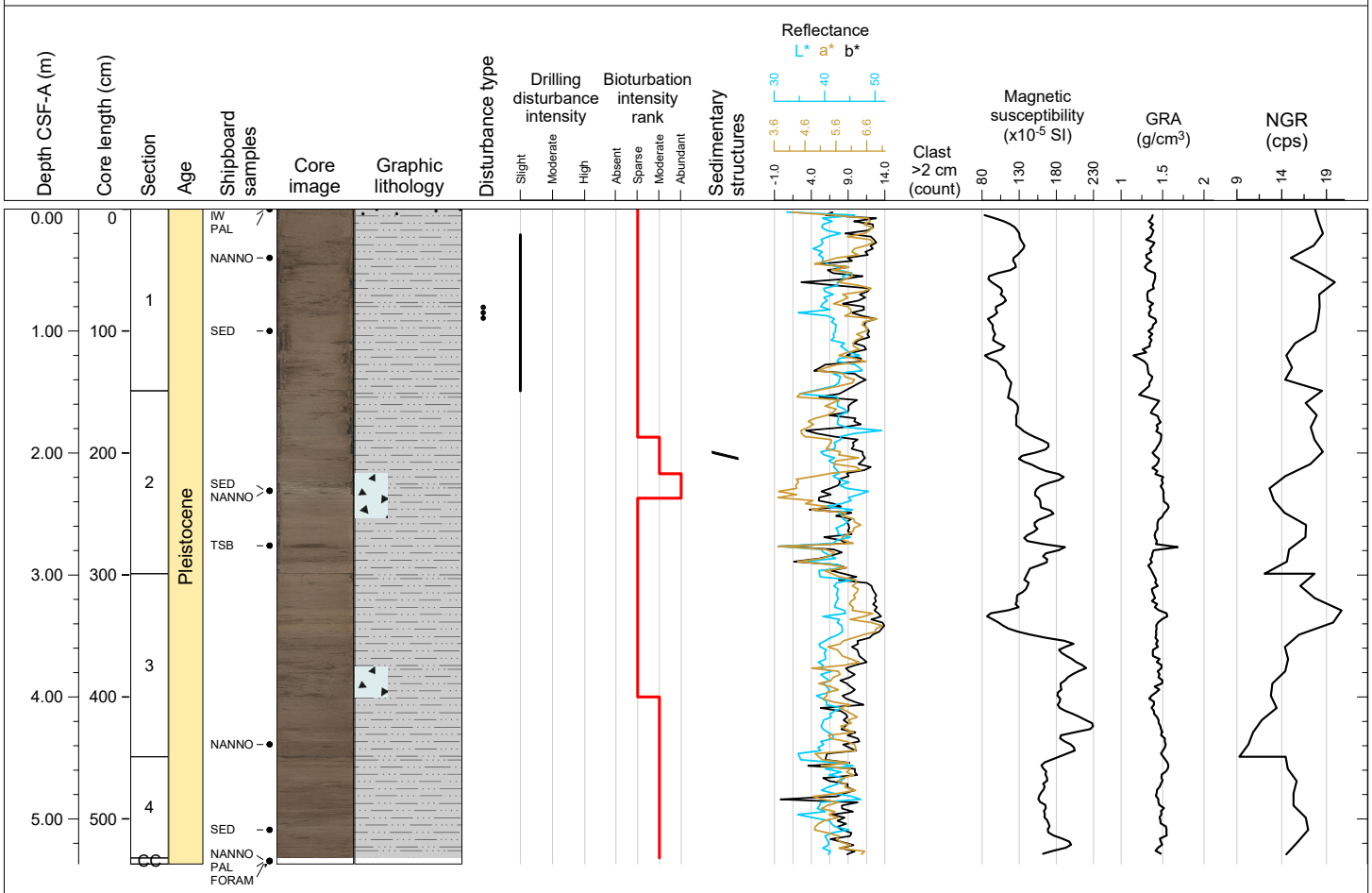


Glassy, sparsely olivine phyric basaltic pillows. Some margins are brecciated while other pillows contain carbonate-filled vugs. Groundmass is hypocrystalline and fine grained. Glass occurs as rinds up to 50 mm. Rock is sparsely vesicular.

Slightly to highly altered ; light gray to gray brown to brown ; veins contain carbonate, phyllosilicates, and FeO/OH.

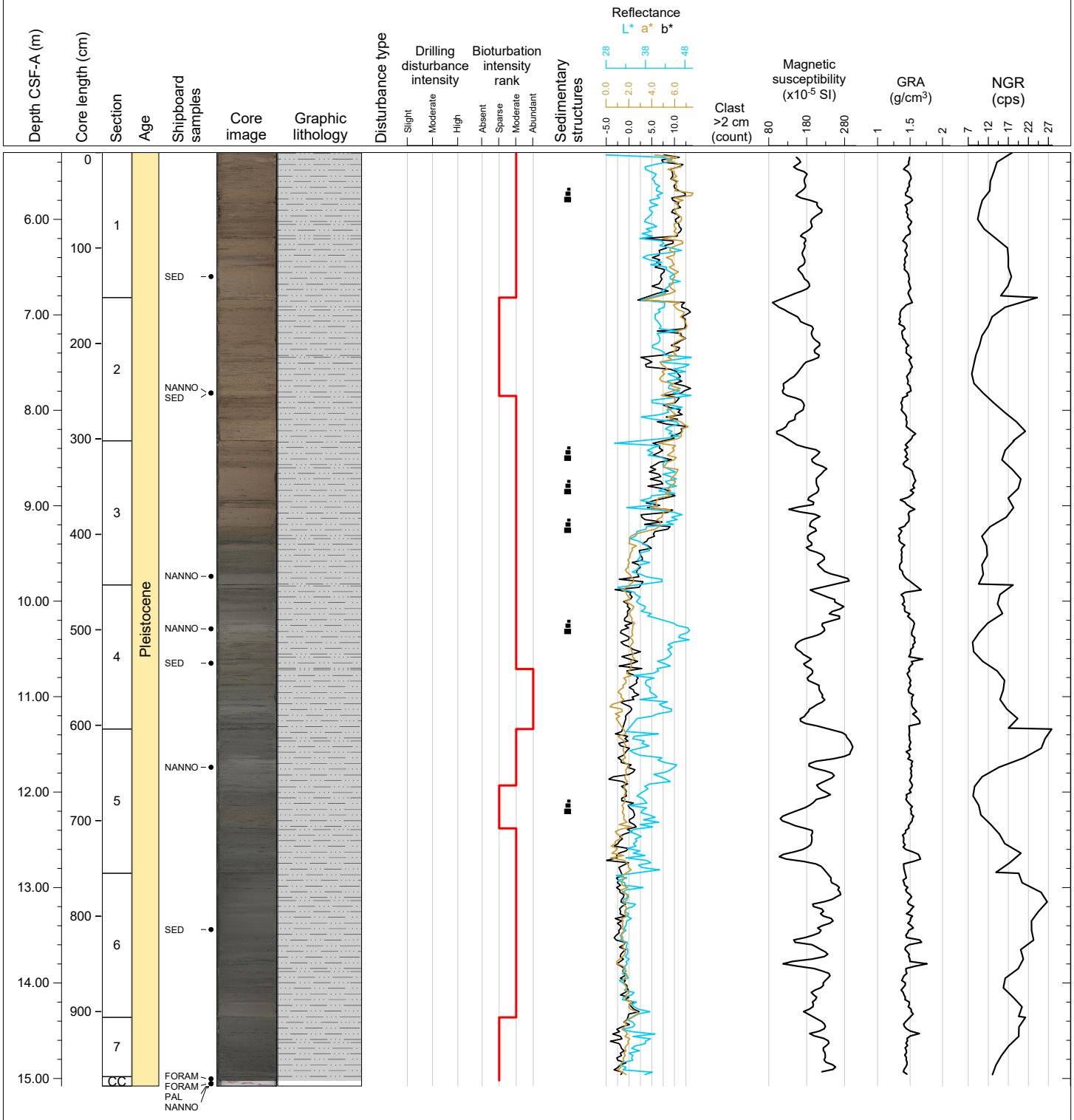
Hole 395-U1562C Core 1H, Interval 0.0-5.37 m (CSF-A)

This core consists of brown (10YR 5/3) and dark grayish brown (10YR 4/2) SILTY CLAY and CARBONATE SILTY CLAY with BIOGENICS and SAND at various intervals. A sharp boundary is observed in Section 2, 38 cm to bottom. Clasts are present at Section 1, 78 cm and Section 3, 76 cm. Bioturbation is sparse to abundant. Section 1, 21-149 cm, is slightly soupy.



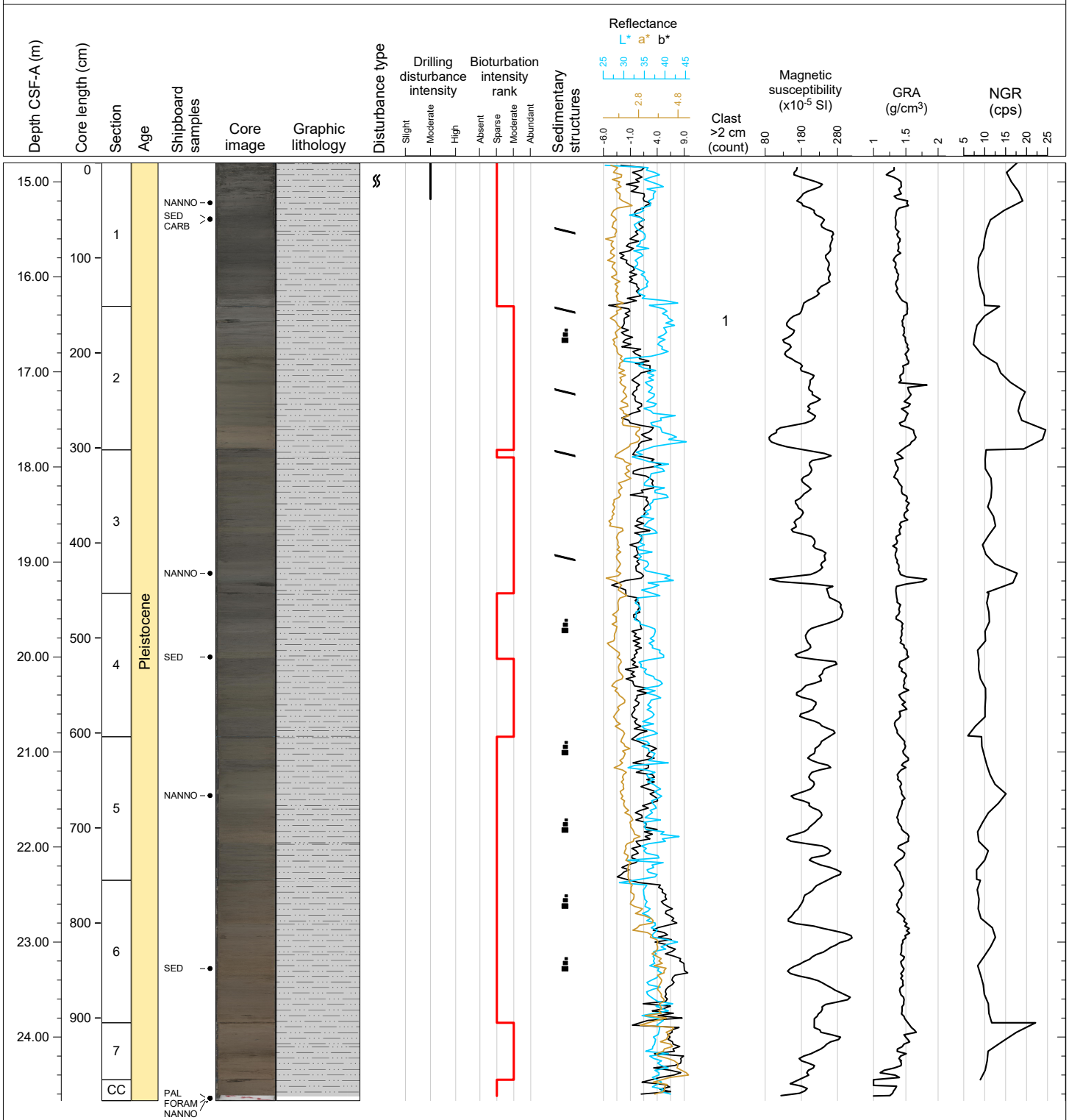
Hole 395-U1562C Core 2H, Interval 5.3-15.08 m (CSF-A)

This core consists of brown (10YR 5/3) and dark gray (2.5Y 4/1) SILTY CLAY with CARBONATE and SILTY CLAY with SAND. CLAYEY SILT with FORAMINIFERA and SAND is also present at some intervals. Graded beds are observed in Sections 1, 3, 4 and 5. A clast is in Section 2, 106 cm and 137-150 cm and Section 3, 76 cm. Bioturbation is sparse to moderate.



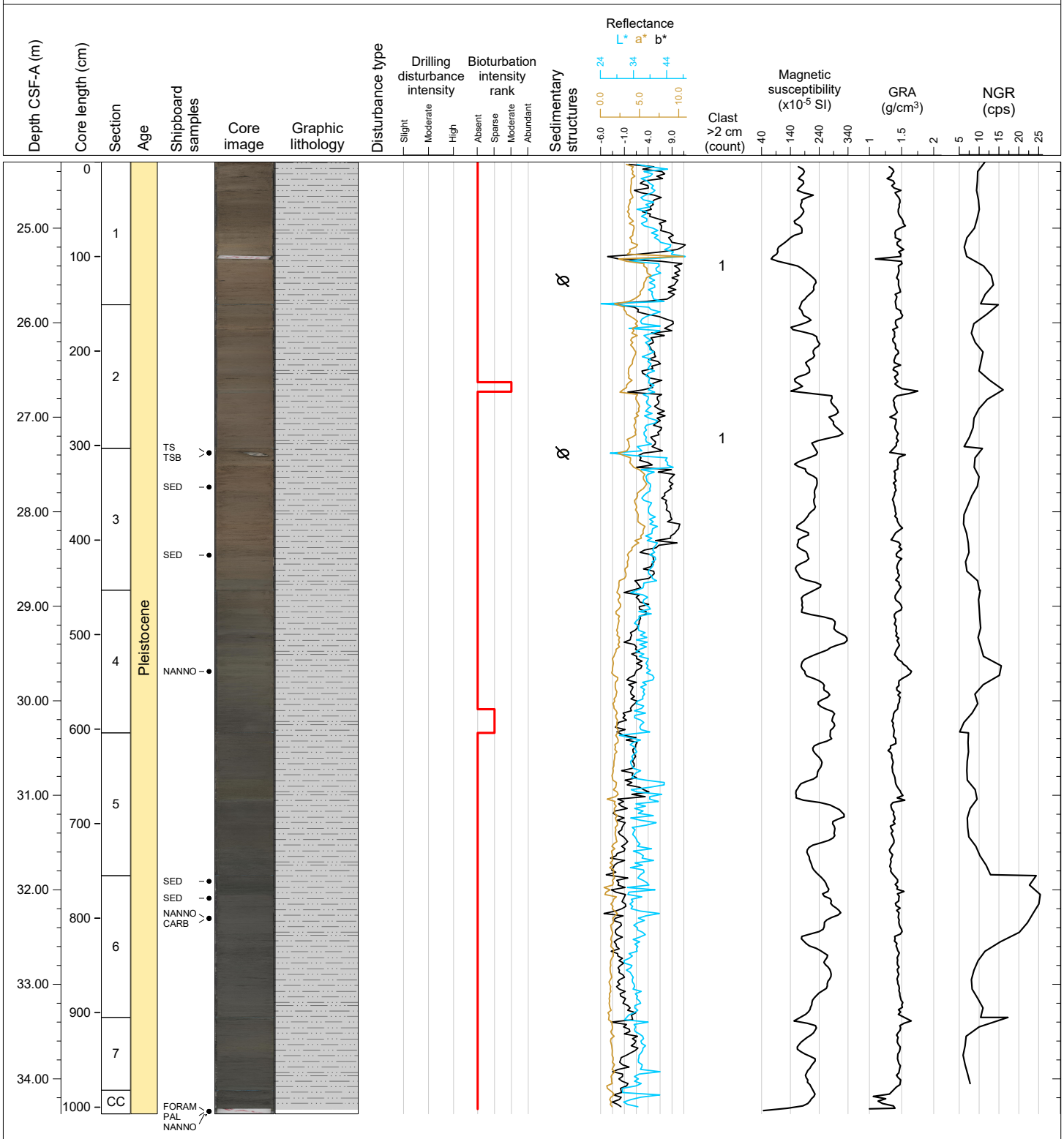
Hole 395-U1562C Core 3H, Interval 14.8-24.67 m (CSF-A)

This core consists of dark gray (5Y 4/1) light olive gray (5Y 6/2) SILTY CLAY and CARBONATE SILTY CLAY with BIOGENICS and SAND at various intervals. A sharp boundary is observed in Sections 1, 2, 3, 4, 5 and 6. Clasts are in Section 2, 15 cm and Section 7, 18 and 32 cm. Bioturbation is sparse to moderate. Drilling disturbance is moderately deformed in Section 1, 0-38 cm.



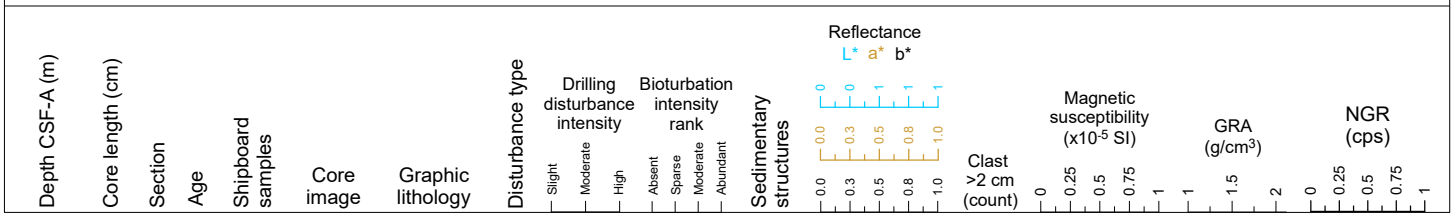
Hole 395-U1562C Core 4H, Interval 24.3-34.37 m (CSF-A)

This core contains several color variations, from olive brown (2.5Y 4/3) to very dark gray (2.5Y 3/1) SILTY CLAY, and includes SILTY CLAY with FORAMINIFERA and SILTY CLAY with SAND at various intervals. Greenish bands are observed in Section 2, 90-93 cm. Clasts are in Section 1, 125 cm and Section 3, 5-8 cm. Bioturbation is predominantly absent.



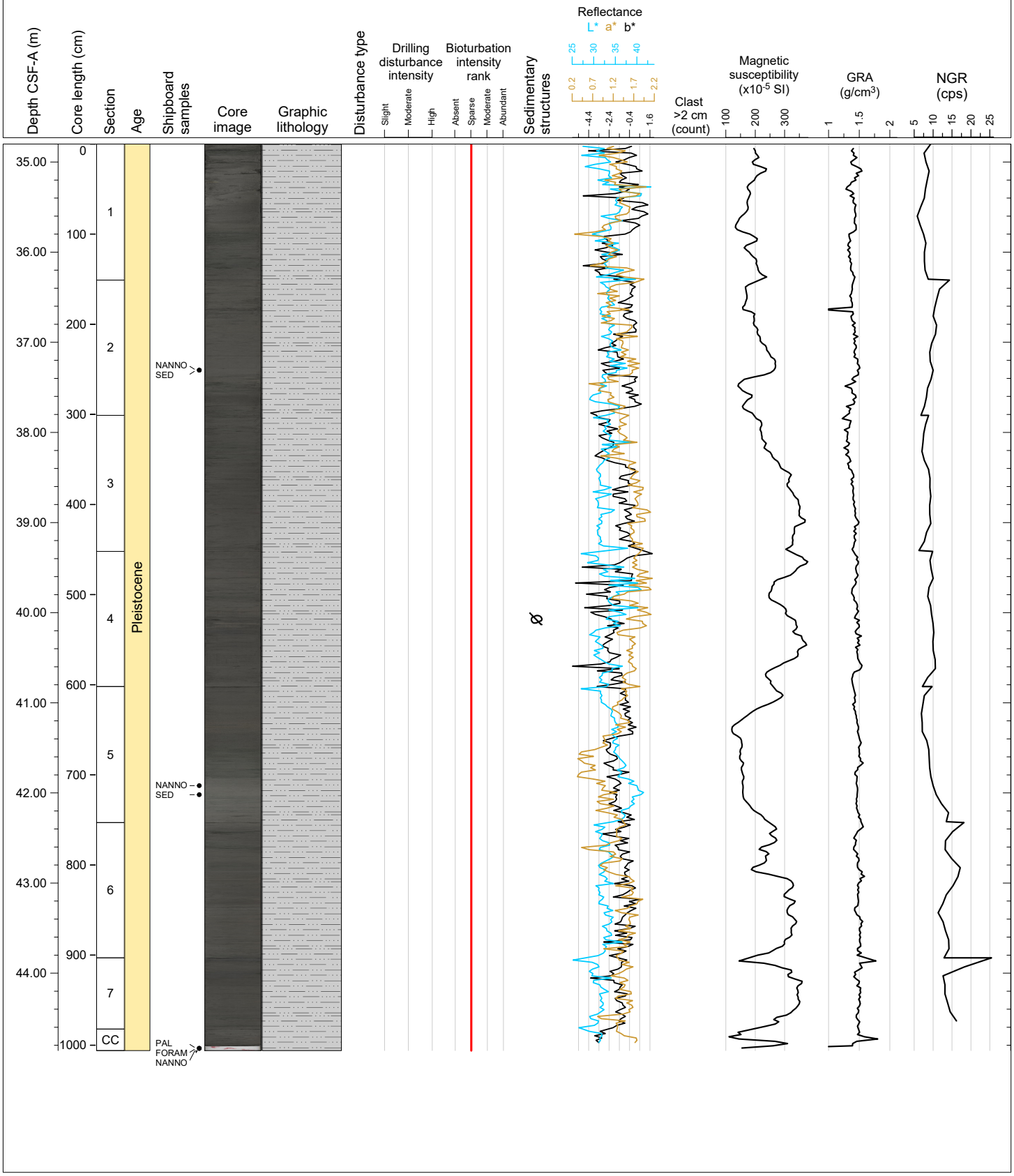
Hole 395-U1562C Core 51, Interval 33.8-33.8 m (CSF-A)

DRILLED INTERVAL 33.8-34.8 m



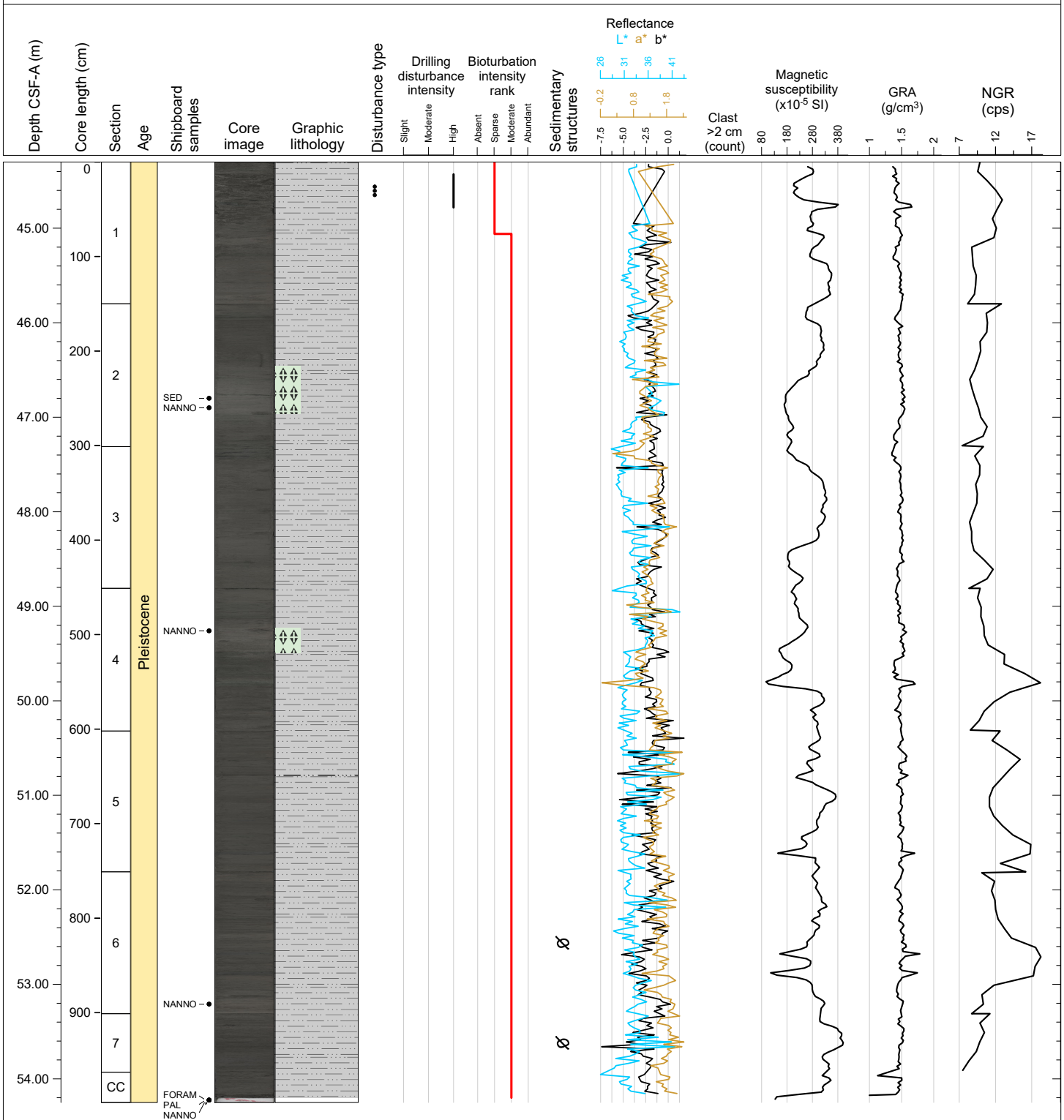
Hole 395-U1562C Core 6H, Interval 34.8-44.86 m (CSF-A)

This core consists of primarily gray (2.5Y 5/1) to very dark gray (2.5Y 3/1) SILTY CLAY and SILTY CLAY with BIOGENICS. A small basalt clast is in Section 4, 76 cm. A bioturbated layer is observed in Section 1, 24-31 cm. Bioturbation is sparse throughout the core. Drilling disturbance is absent.



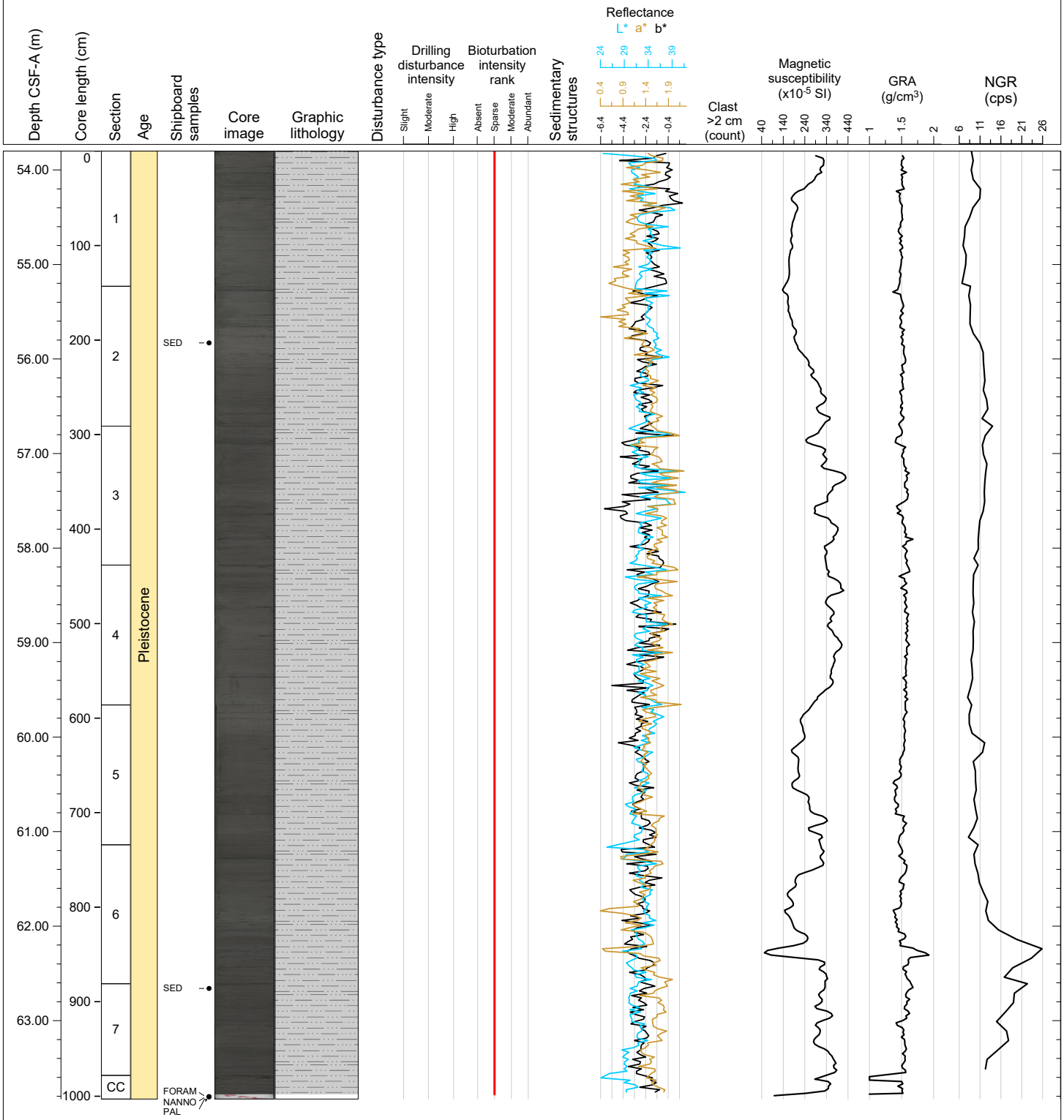
Hole 395-U1562C Core 7H, Interval 44.3-54.25 m (CSF-A)

This core consists of primarily very dark gray (5Y 3/1) SILTY CLAY and BIOSILICEOUS SILTY CLAY. Small clasts are observed in Section 6, 30 cm and Section 7, 13 cm. A glass layer is at Section 5, 47 cm. Bioturbation is moderate. The core is soupy in Section 1, 13-48 cm.



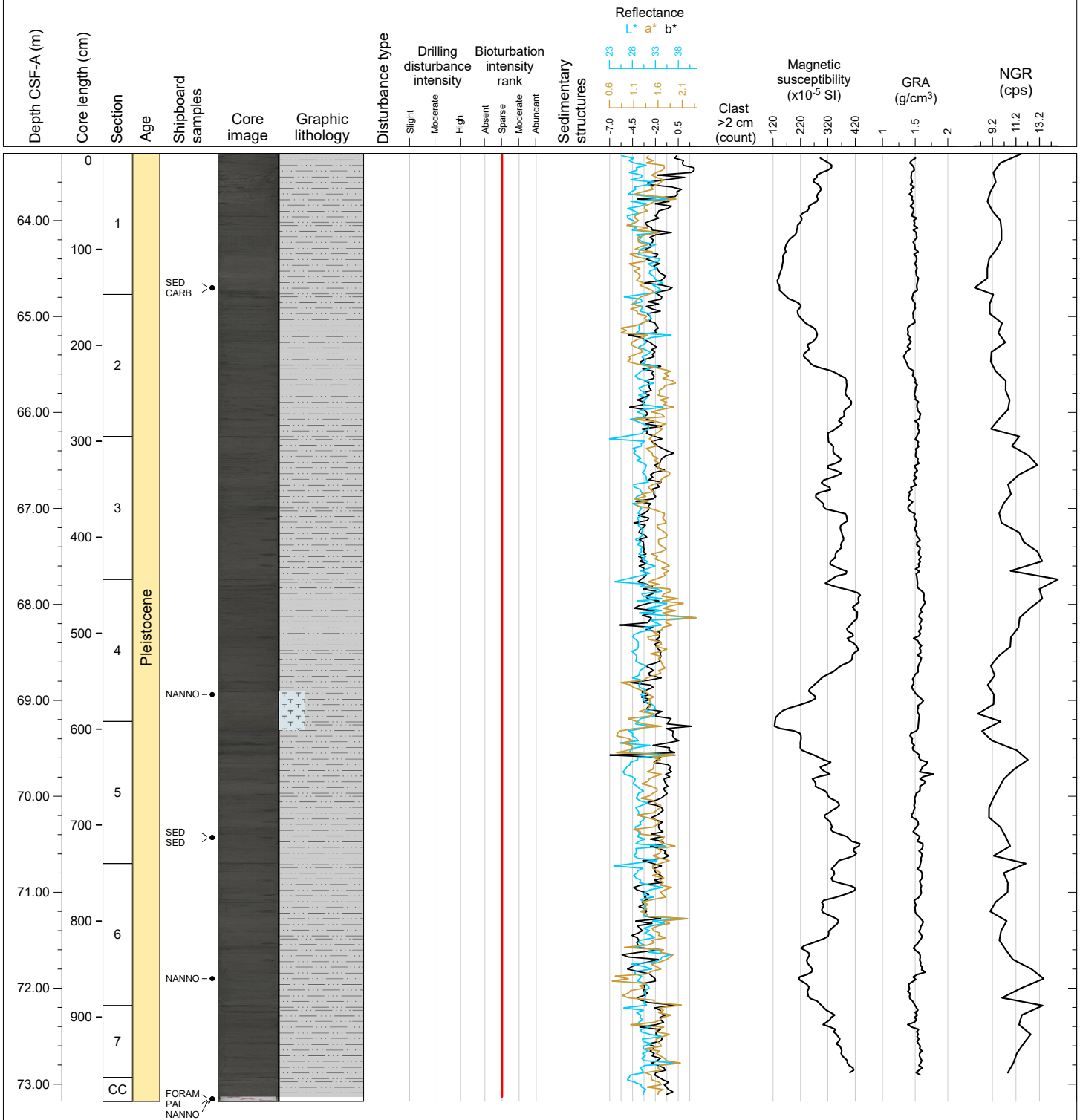
Hole 395-U1562C Core 8H, Interval 53.8-63.83 m (CSF-A)

This core consists of primarily dark greenish gray (10Y 4/1) to very dark gray (2.5Y 3/1) SILTY CLAY and SILTY CLAY with BIOGENICS. Bioturbation is sparse. Drilling disturbance is absent.



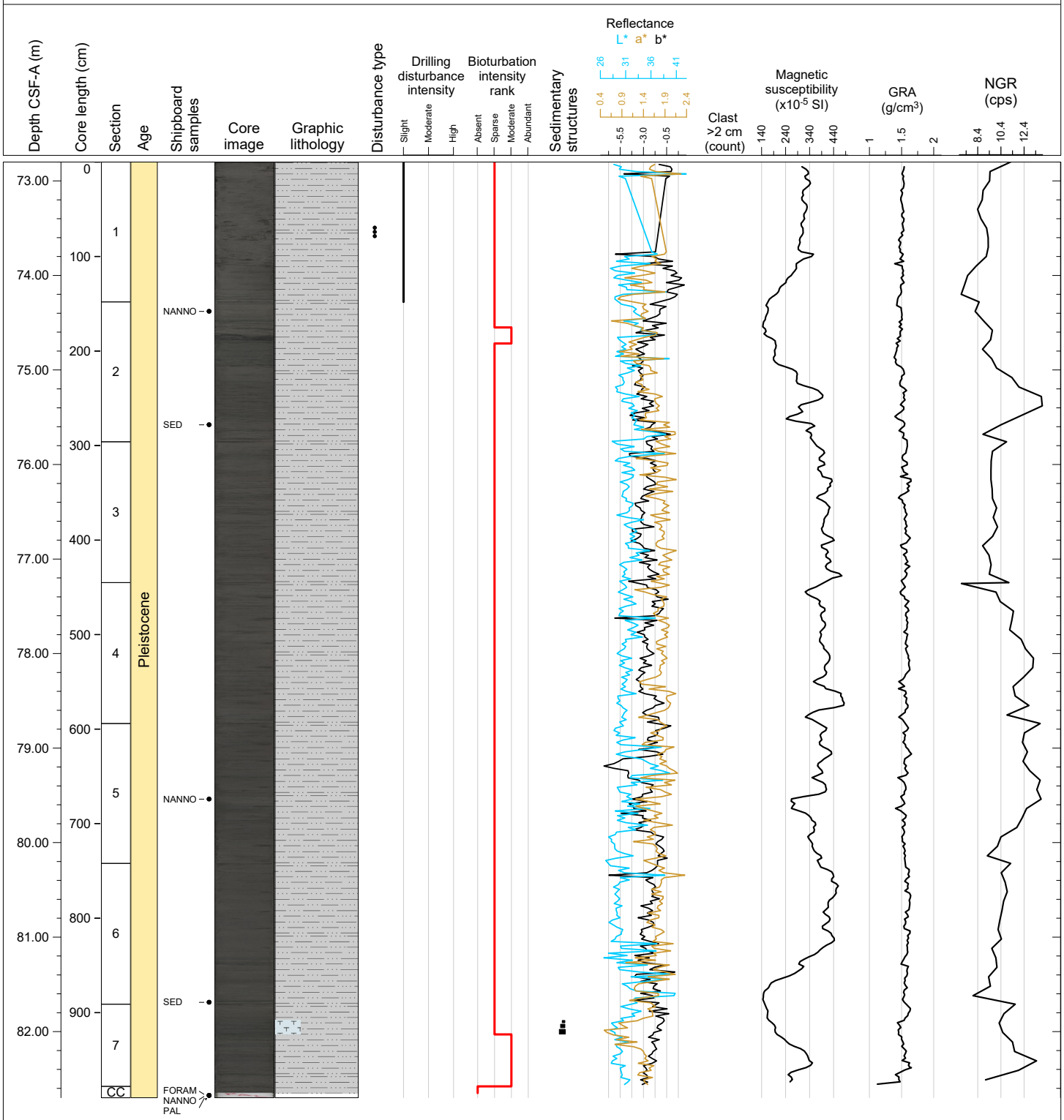
Hole 395-U1562C Core 9H, Interval 63.3-73.18 m (CSF-A)

This core consists of primarily dark gray (2.5Y 4/1) to very dark gray (2.5Y 3/1) SILTY CLAY. Bioturbation is sparse. Drilling disturbance is absent.



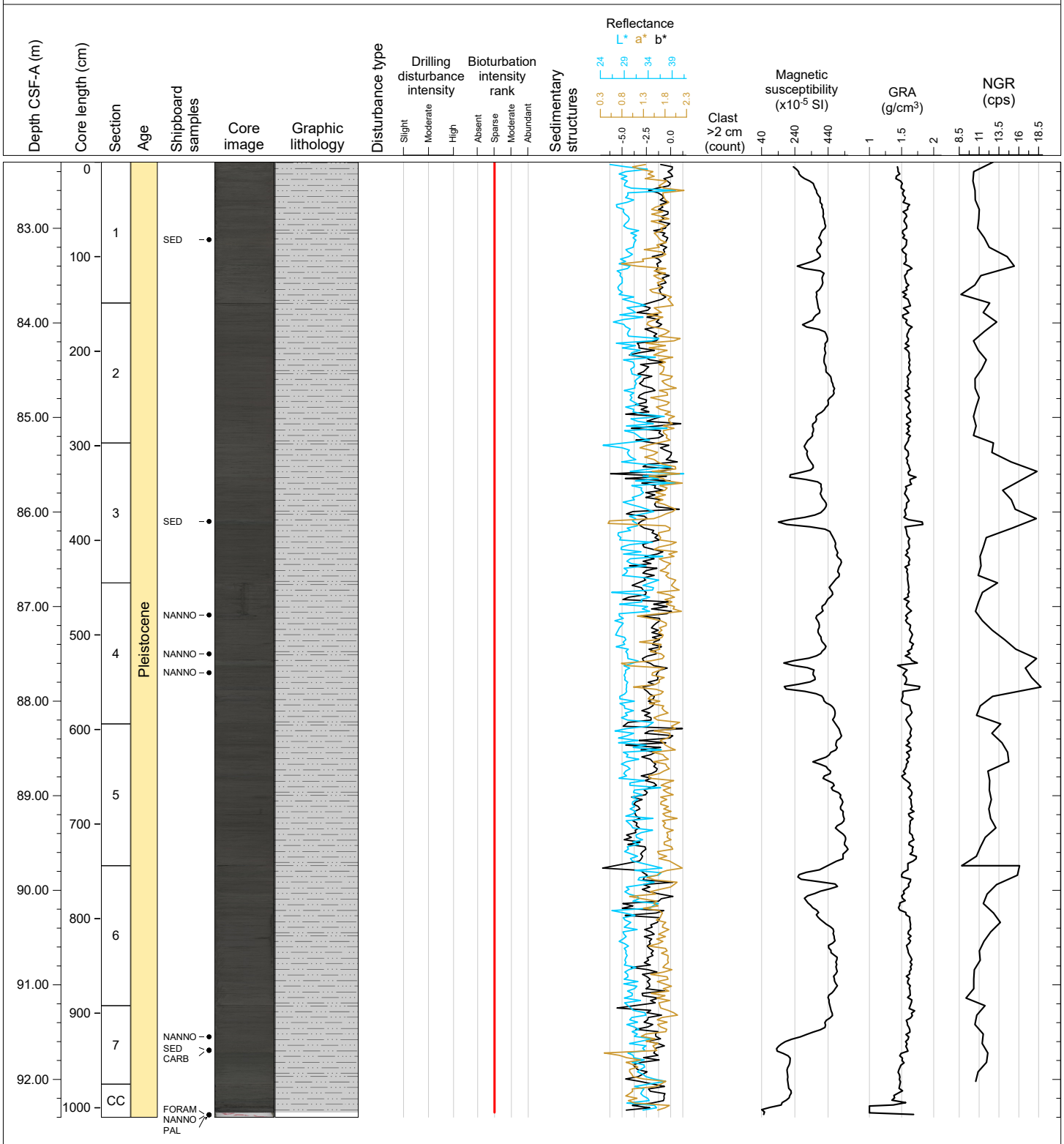
Hole 395-U1562C Core 10H, Interval 72.8-82.7 m (CSF-A)

This core consists of primarily very dark gray (5Y 3/1) SILTY CLAY. Sand fill burrow in Section 1, 80-81 cm. A pyritized burrow in Section 5, 5 cm. Graded bedding sedimentary structure in Section 7. Bioturbation is sparse. The core is soupy in Section 1.



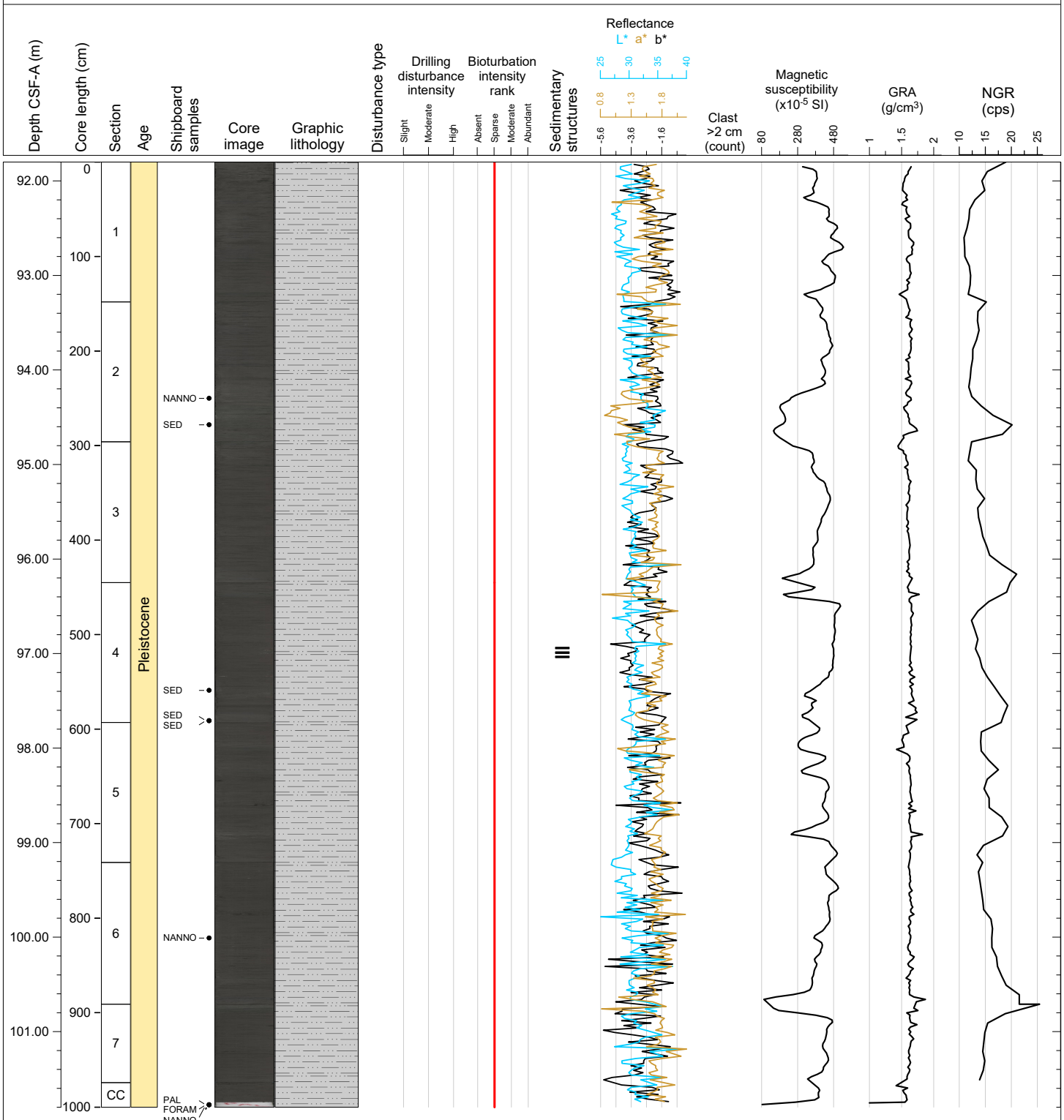
Hole 395-U1562C Core 11H, Interval 82.3-92.4 m (CSF-A)

This core consists of primarily very dark gray (10YR 3/1) SILTY CLAY. Bioturbation is sparse. Drilling disturbance is absent.



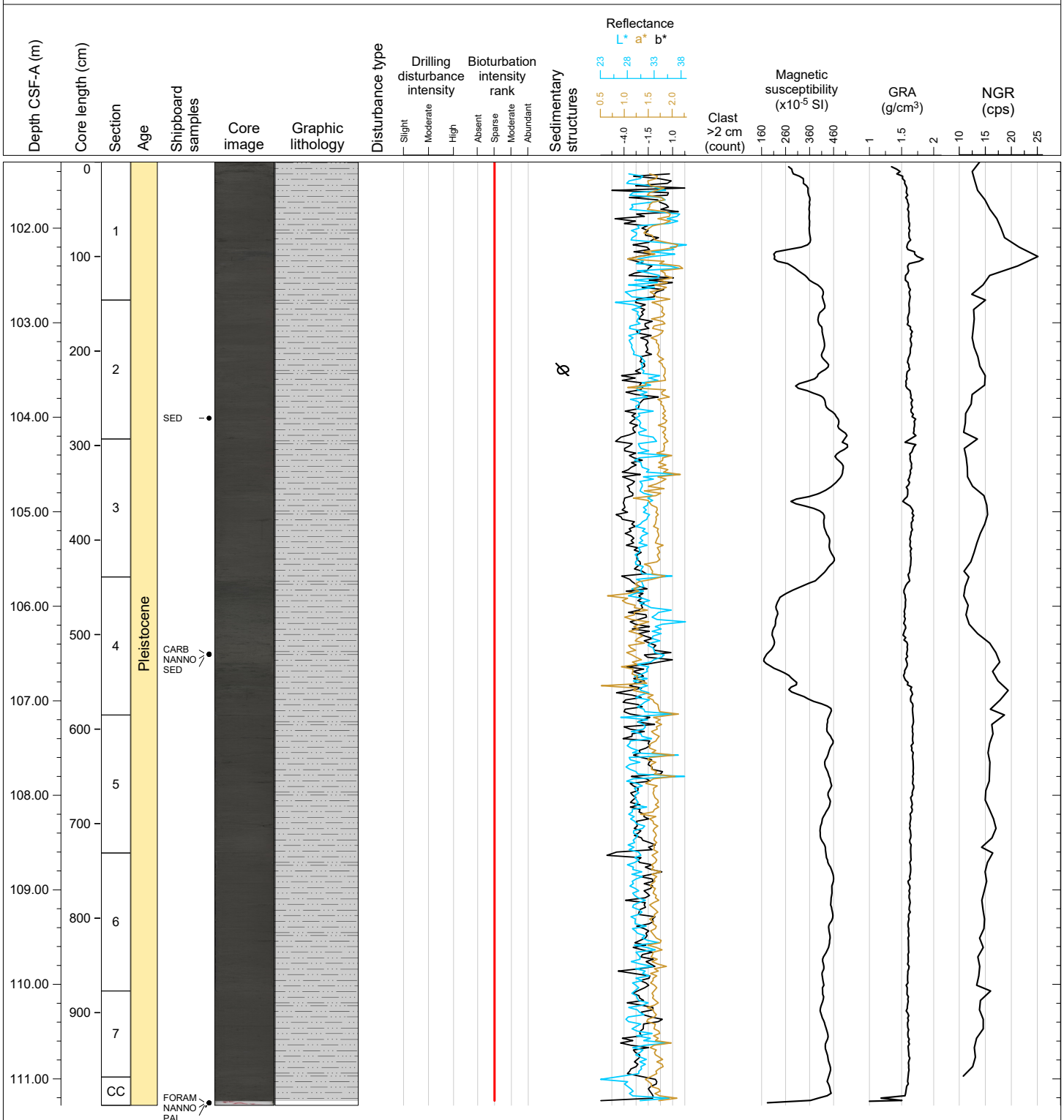
Hole 395-U1562C Core 12H, Interval 91.8-101.8 m (CSF-A)

This core consists of primarily very dark gray (2.5Y 3/1) SILTY CLAY. Shell fragments are observed in Section 4, 99 cm. Convolute laminations are also visible in bottom of Section 4. A pyritized burrow in Section 6, 54-56 cm. Bioturbation is sparse. Drilling disturbance is absent.



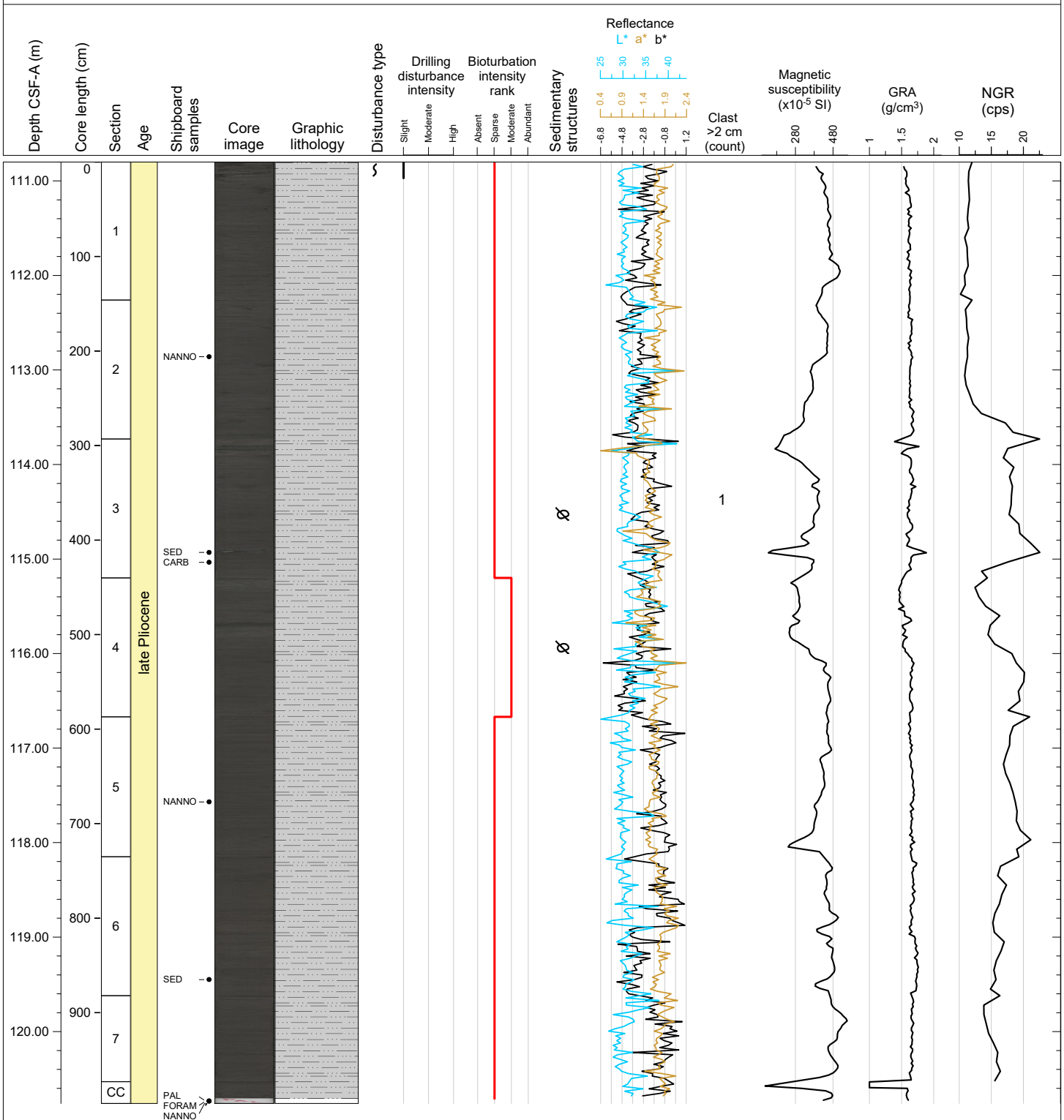
Hole 395-U1562C Core 13H, Interval 101.3-111.28 m (CSF-A)

This core consists of primarily very dark gray (10Y 3/1 SILTY CLAY). A small clast in Section 2. Bioturbation is sparse. Drilling disturbance is absent.



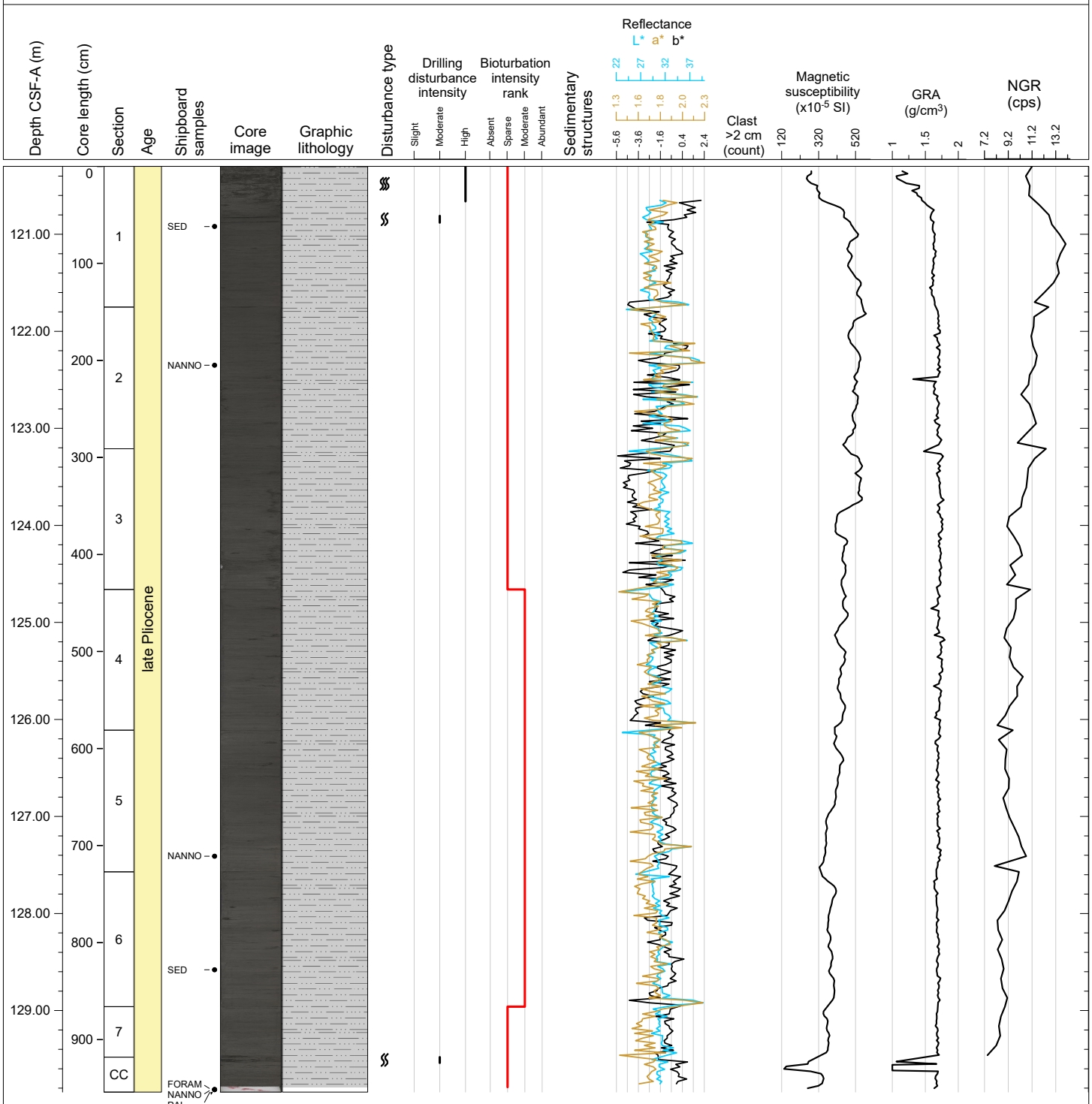
Hole 395-U1562C Core 14H, Interval 110.8-120.76 m (CSF-A)

This core consists of primarily very dark gray (5Y 3/1) to black (5Y 2.5/2) SILTY CLAY. Thick green bands are in Section 3, 8-12 cm. Bioturbation is sparse. The core is slightly deformed in Section 1, 0-17 cm.



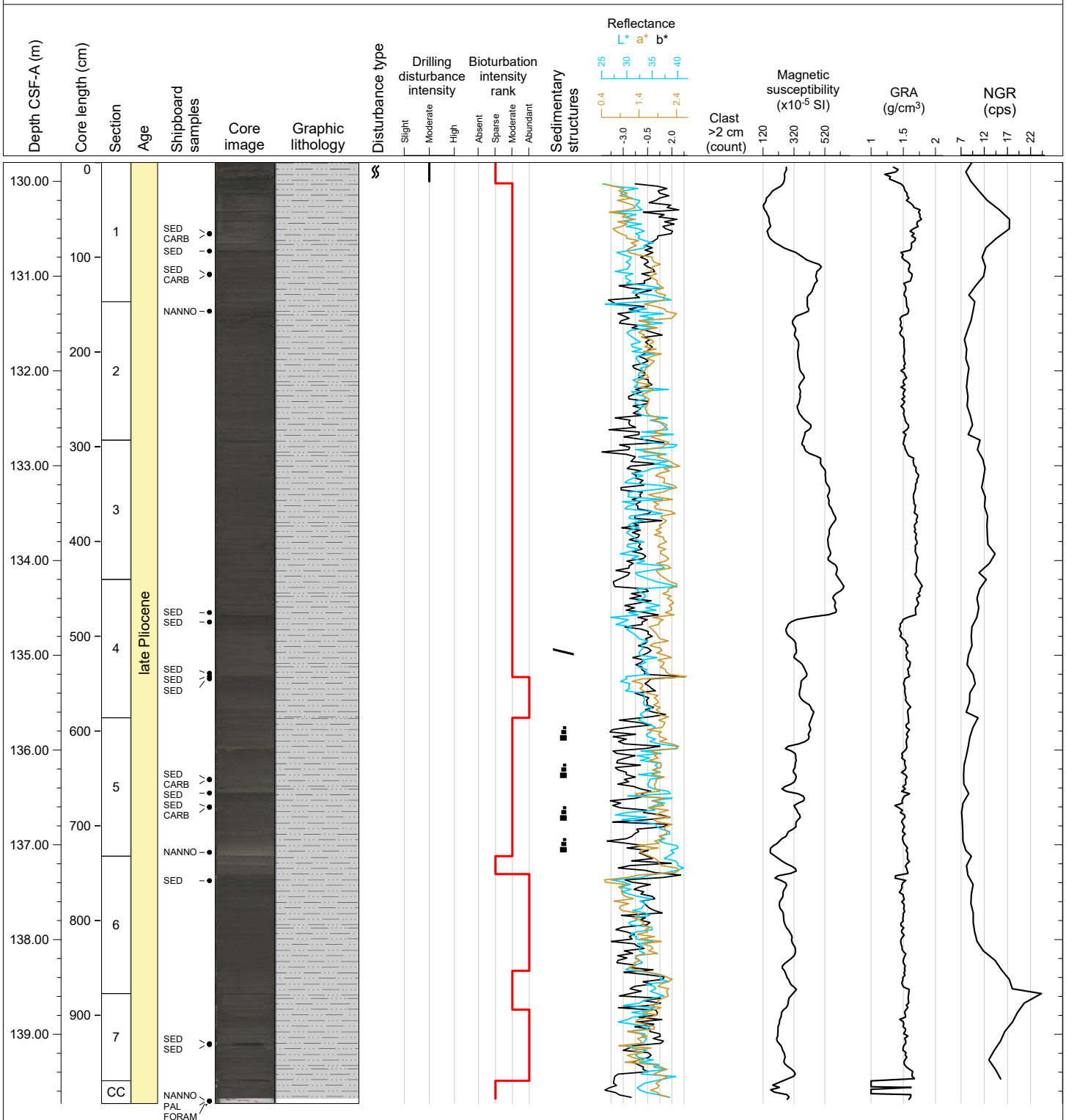
Hole 395-U1562C Core 15H, Interval 120.3-129.84 m (CSF-A)

This core consists of very dark gray (5Y 3/1) dark olive gray (5Y 3/2) SILTY CLAY and SILTY CLAY with FORAMINIFERA. Clast in Section 3, 107 cm. Bioturbation is sparse to moderate. Drilling disturbance is highly deformed in Section 1, 0-36 cm and moderately deformed in Section 1, 51-58 cm and Section CC, 0-6 cm.



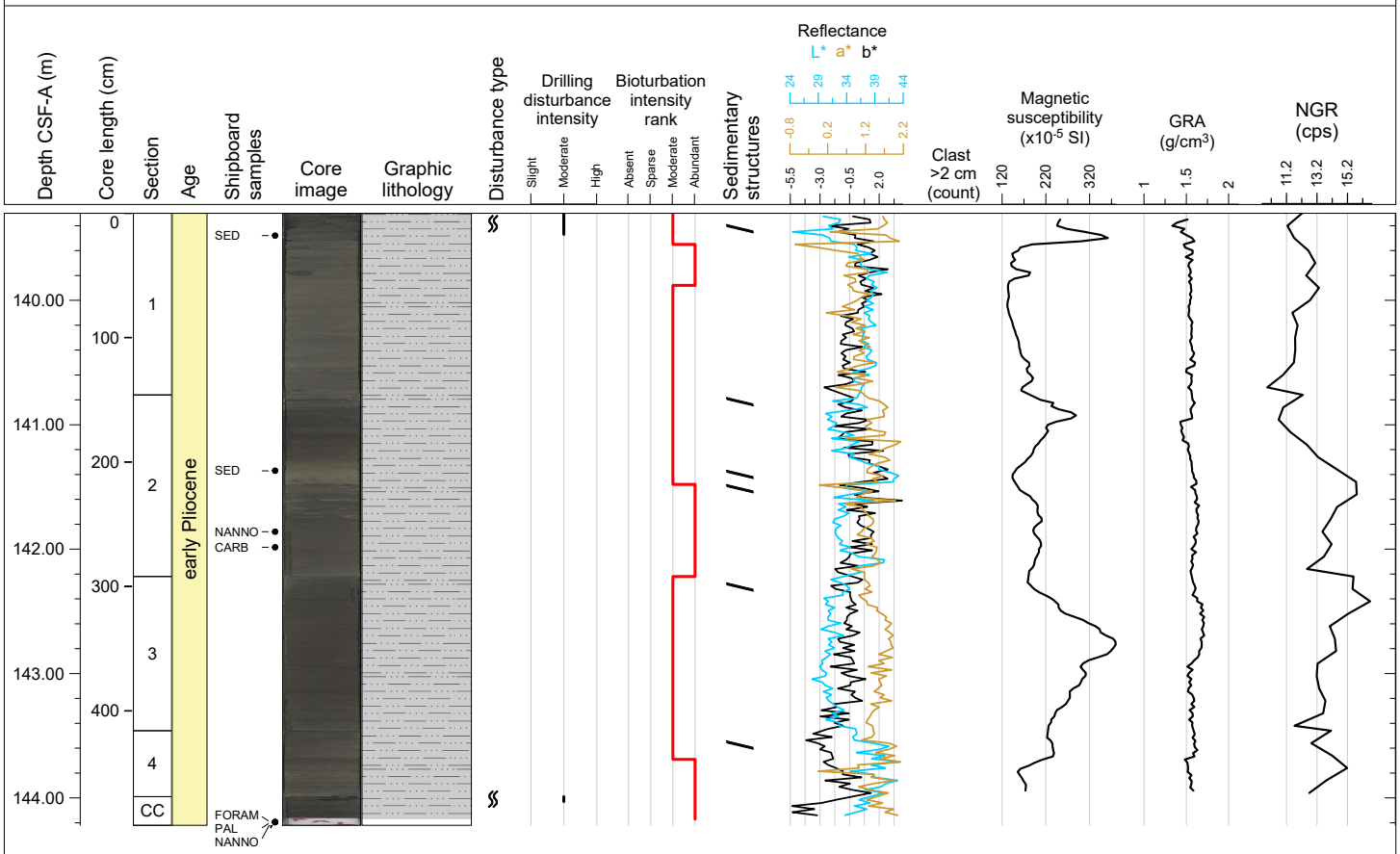
Hole 395-U1562C Core 16H, Interval 129.8-139.73 m (CSF-A)

This core consists of black (5Y 2.5/1) to gray (5Y 5/1) SILTY CLAY, CLAYEY SILTY with FORAMINIFERA, and SILTY CLAY with CARBONATE. Graded beds are observed in Section 5, 0-146 cm. Bioturbation is sparse to abundant. Drilling disturbance is moderately deformed in Section 1, 0-20 cm.



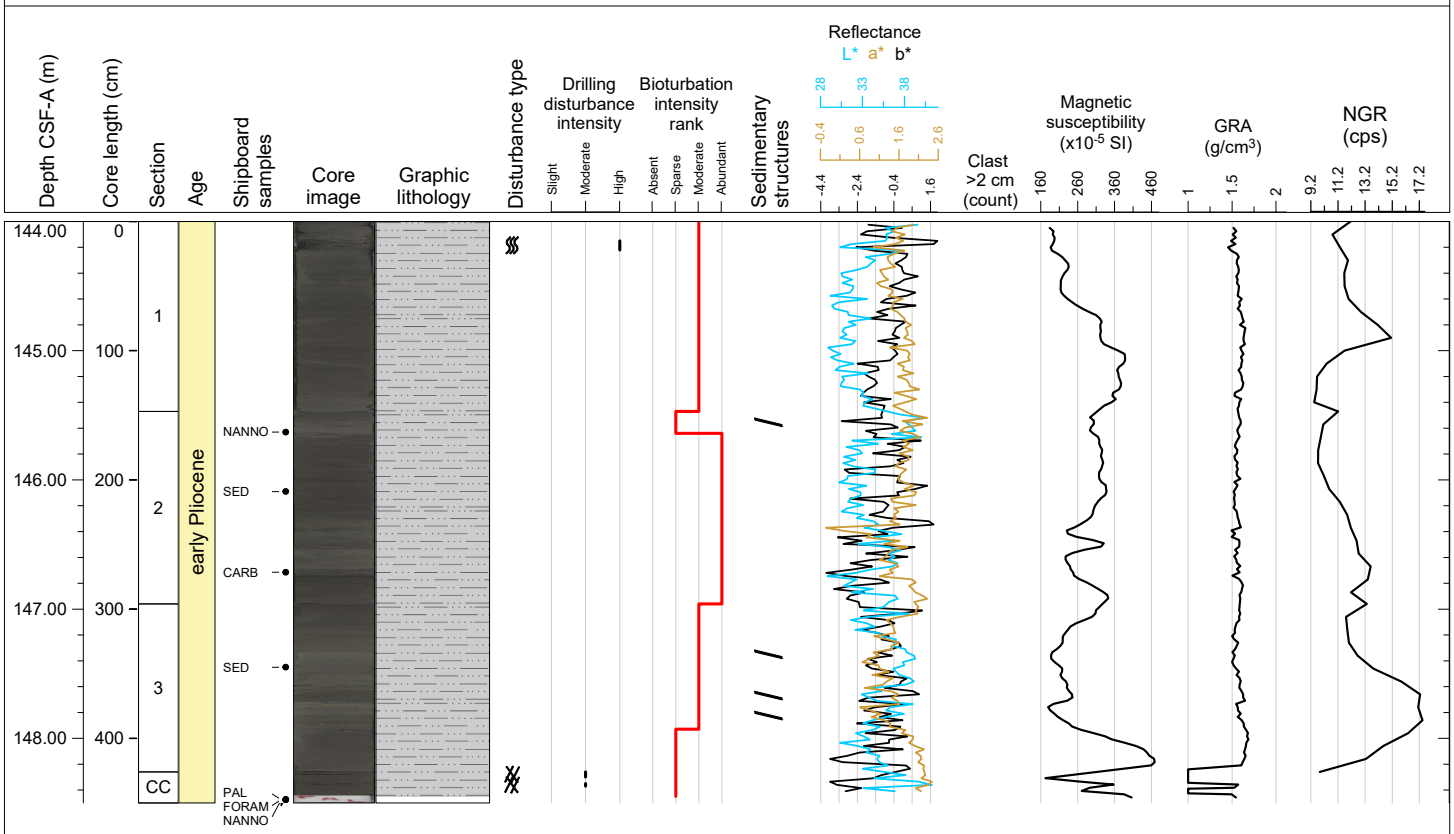
Hole 395-U1562C Core 17F, Interval 139.3-144.22 m (CSF-A)

This core consists of black (5Y 2.5/2) and gray (5Y 5/1) SILTY CLAY and SILTY CLAY with BIOGENICS. Sharp boundaries are present in Sections 1 (25 cm), 2 (11, 72, and 79 cm), 3 (17 cm), and 4 (23 cm). Bioturbation is sparse to abundant. Drilling disturbance is moderately deformed in Section 1, 0-17 cm and Section CC, 0-4 cm.



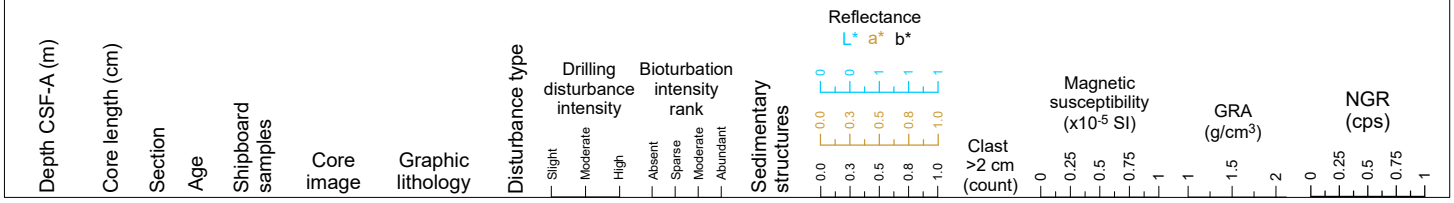
Hole 395-U1562C Core 18F, Interval 144.0-148.5 m (CSF-A)

This core consists of very dark gray (2.5Y 3/1) and gray (5Y 5/1) SILTY CLAY and SILTY CLAY with BIOGENICS or FORAMINIFERA. Sharp boundaries are observed at Section 2 in 0-17 cm, Section 3 in 12-97 cm, Section CC in 0-19 cm. Bioturbation is sparse to abundant. Drilling disturbance is highly deformed in Section 1, 15-22 cm and moderately deformed in Section CC, 0-4 cm and 9-11 cm.



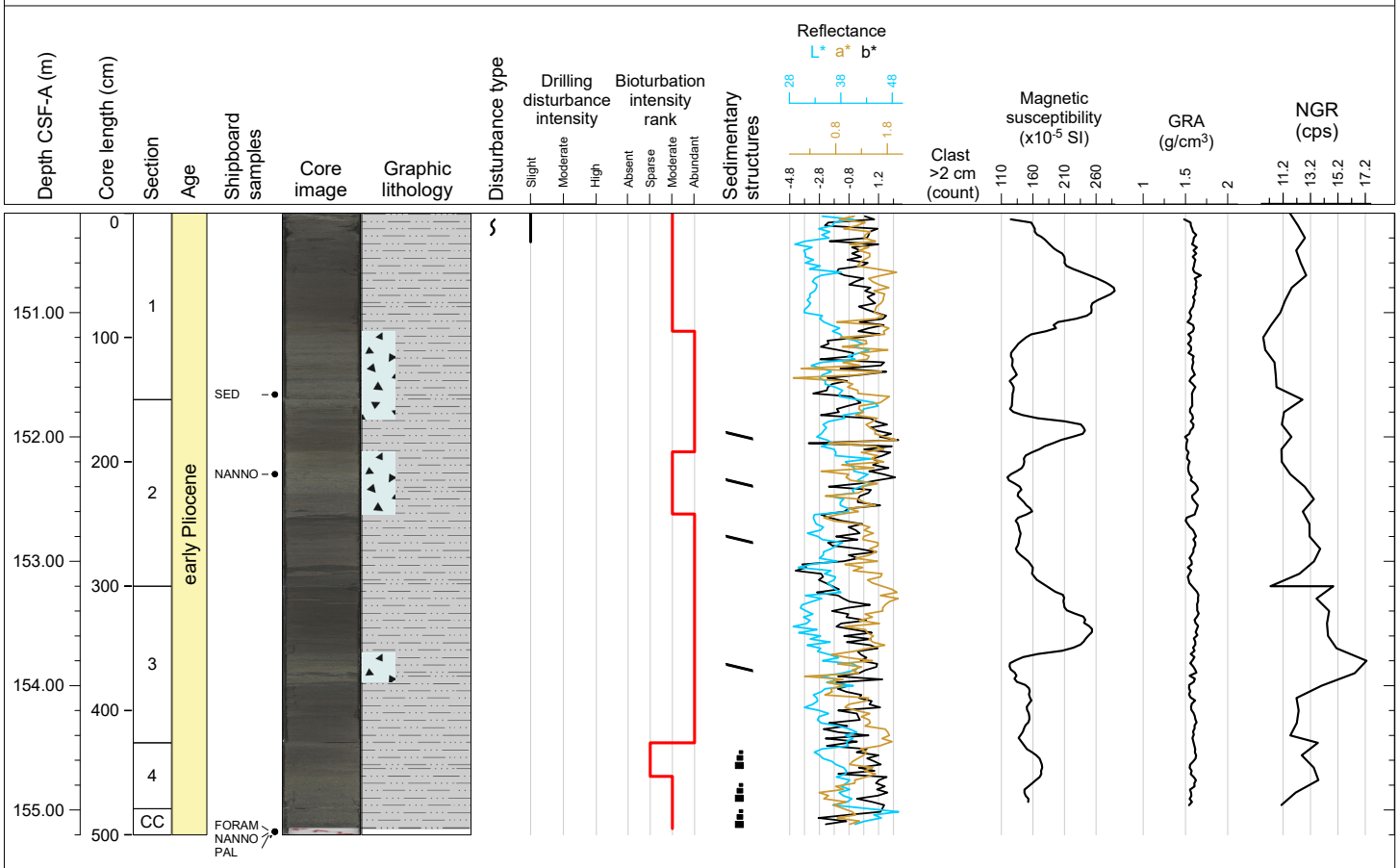
Hole 395-U1562C Core 191, Interval 148.7-148.7 m (CSF-A)

DRILLED INTERVAL 148.7-150.2 m



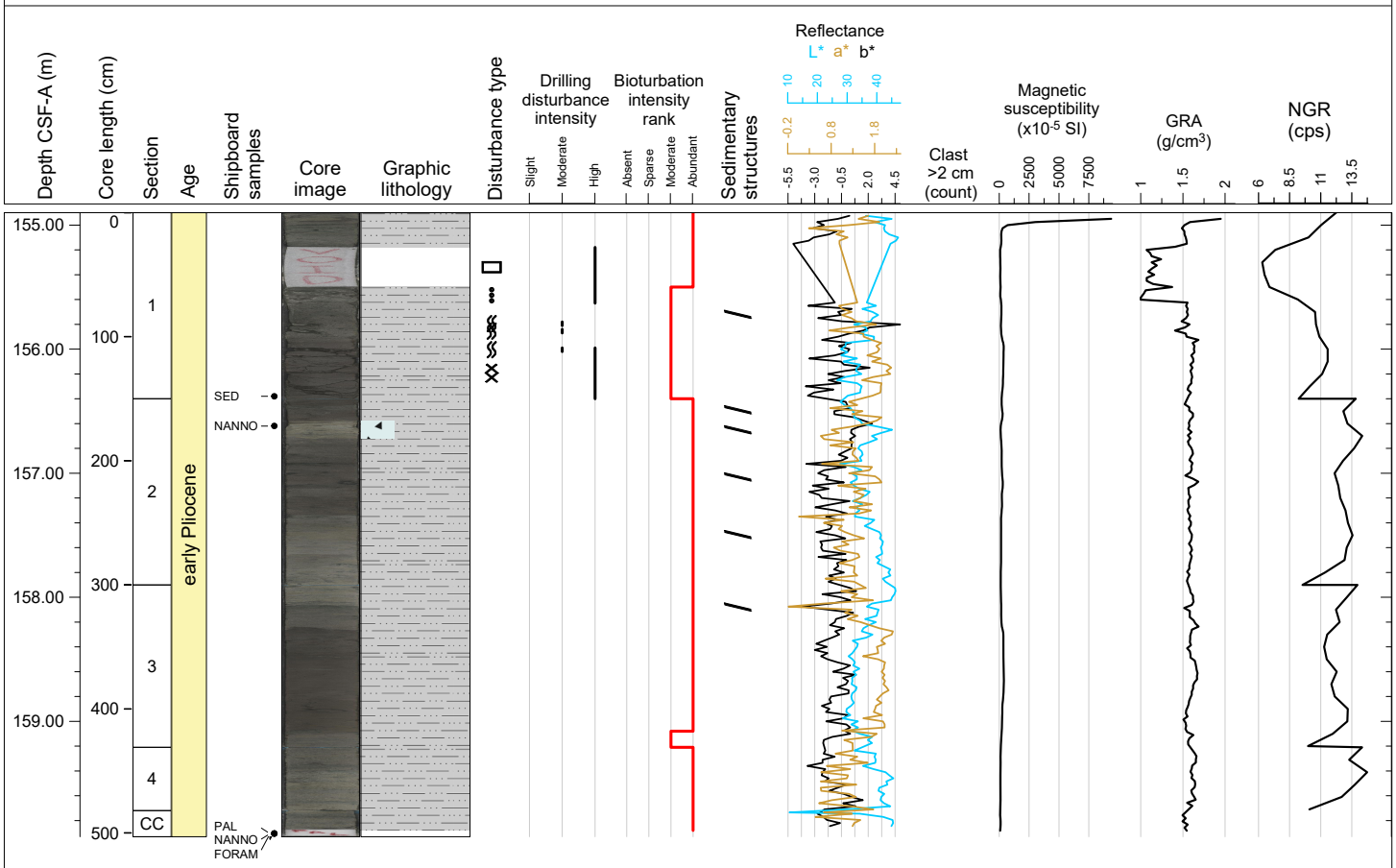
Hole 395-U1562C Core 20F, Interval 150.2-155.2 m (CSF-A)

This core consists of very dark gray (10Y 3/1) and greenish gray (10Y 5/1) SILTY CLAY, CARBONATE SILTY CLAY and SILTY CLAY with CARBONATE. A sharp boundary is observed at Section 2, 92 and 133 cm and Section 3,77 cm. Sections 4 and CC are color graded beds. Bioturbation is sparse to abundant. Drilling disturbance is highly deformed in Section 1, 15-22 cm and moderately deformed in Section CC, 0-4 cm and 9-11 cm.



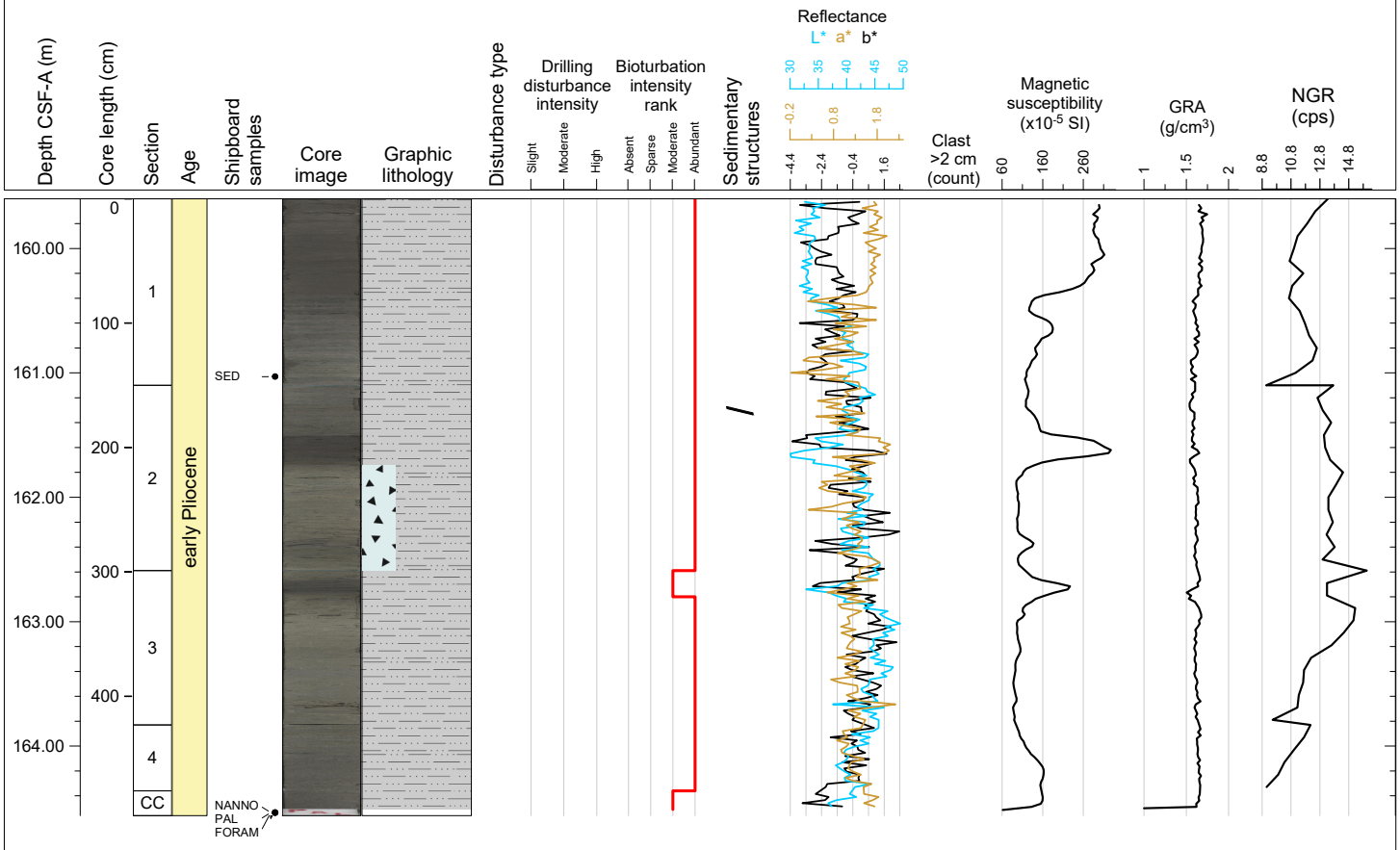
Hole 395-U1562C Core 21F, Interval 154.9-159.93 m (CSF-A)

This core consists of very dark gray (2.5Y 3/1) and gray (5Y 5/1) SILTY CLAY and SILTY CLAY with BIOGENICS or FORAMINIFERA. Sharp boundaries are observed at Section 1, 104cm, Section 2-18, 32, 94, and 125 cm, Section 3,36 cm. Bioturbation is moderate to abundant. Drilling disturbance includes a severe void at Section 1 in 28-60 cm, moderately deformed in Section 1, 88-122 cm and Section 1, highly fragmented in 109-115 cm.



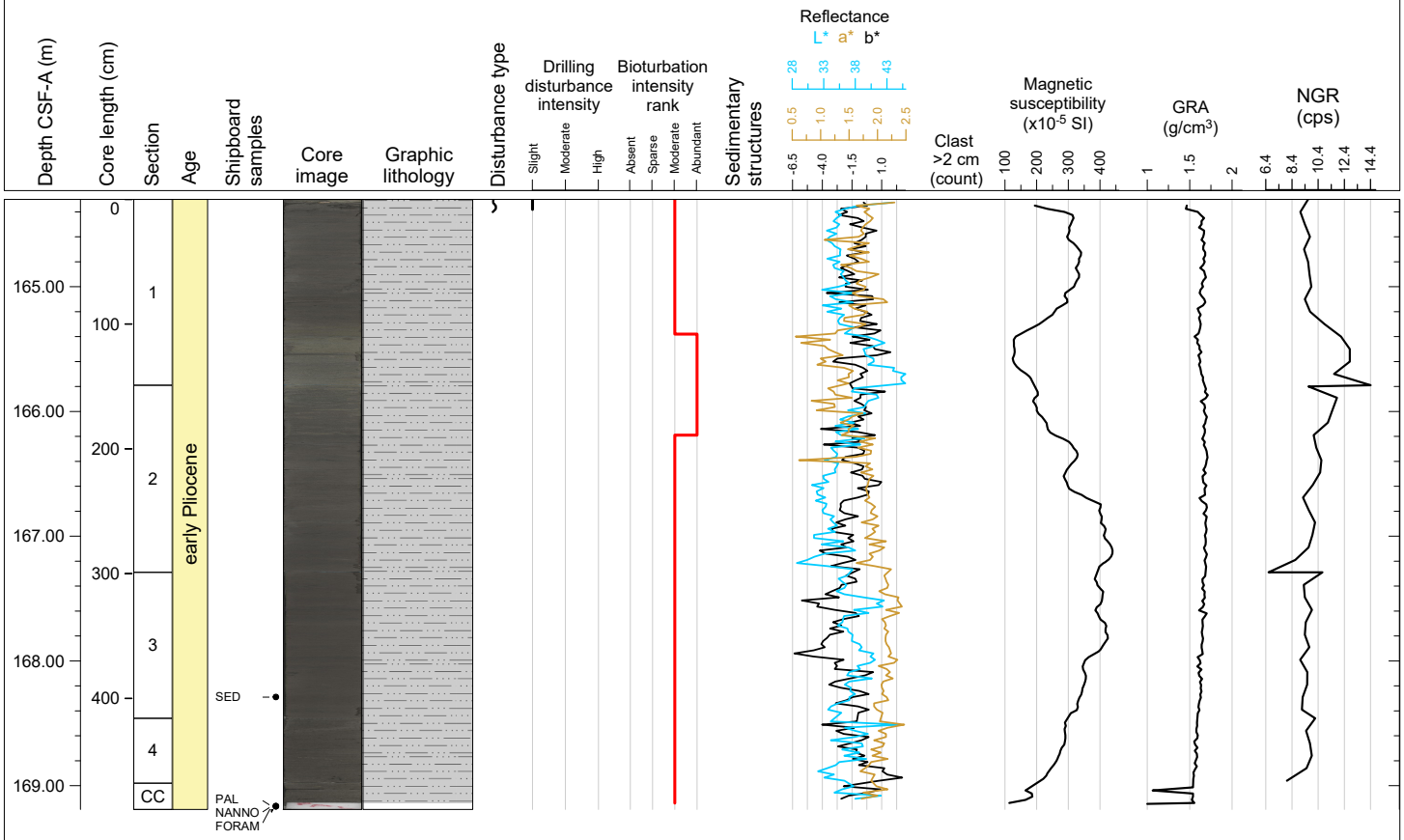
Hole 395-U1562C Core 22F, Interval 159.6-164.56 m (CSF-A)

This core consists of very dark gray (2.5Y 3/1) and gray (5Y 5/1) CARBONATE SILTY CLAY and SILTY CLAY with CARBONATE. A sharp boundary is observed at Section 2, 0-41 cm. There is dark brown seaweed Section 3, 105-108 cm. A small shell fragment is around the seaweed. Bioturbation is moderate to abundant. Drilling disturbance is absent.



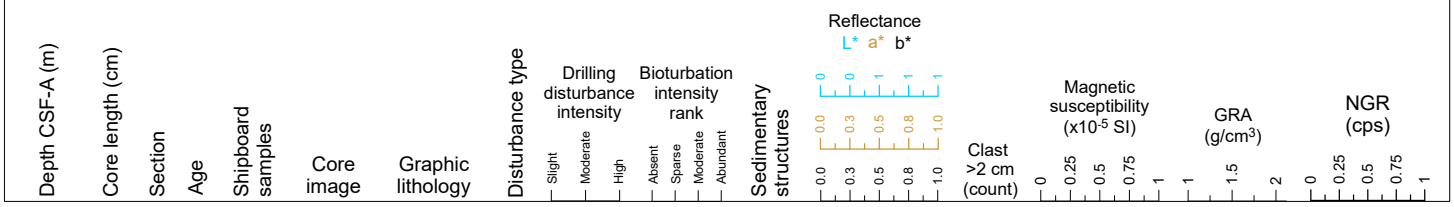
Hole 395-U1562C Core 23F, Interval 164.3-169.19 m (CSF-A)

This core consists of very dark gray (2.5Y 3/2) and greenish gray (10Y 5/1) CARBONATE SILTY CLAY, SILTY CLAY and SILTY CLAY with BIOGENICS. Bioturbation is sparse to abundant. Drilling disturbance is absent.



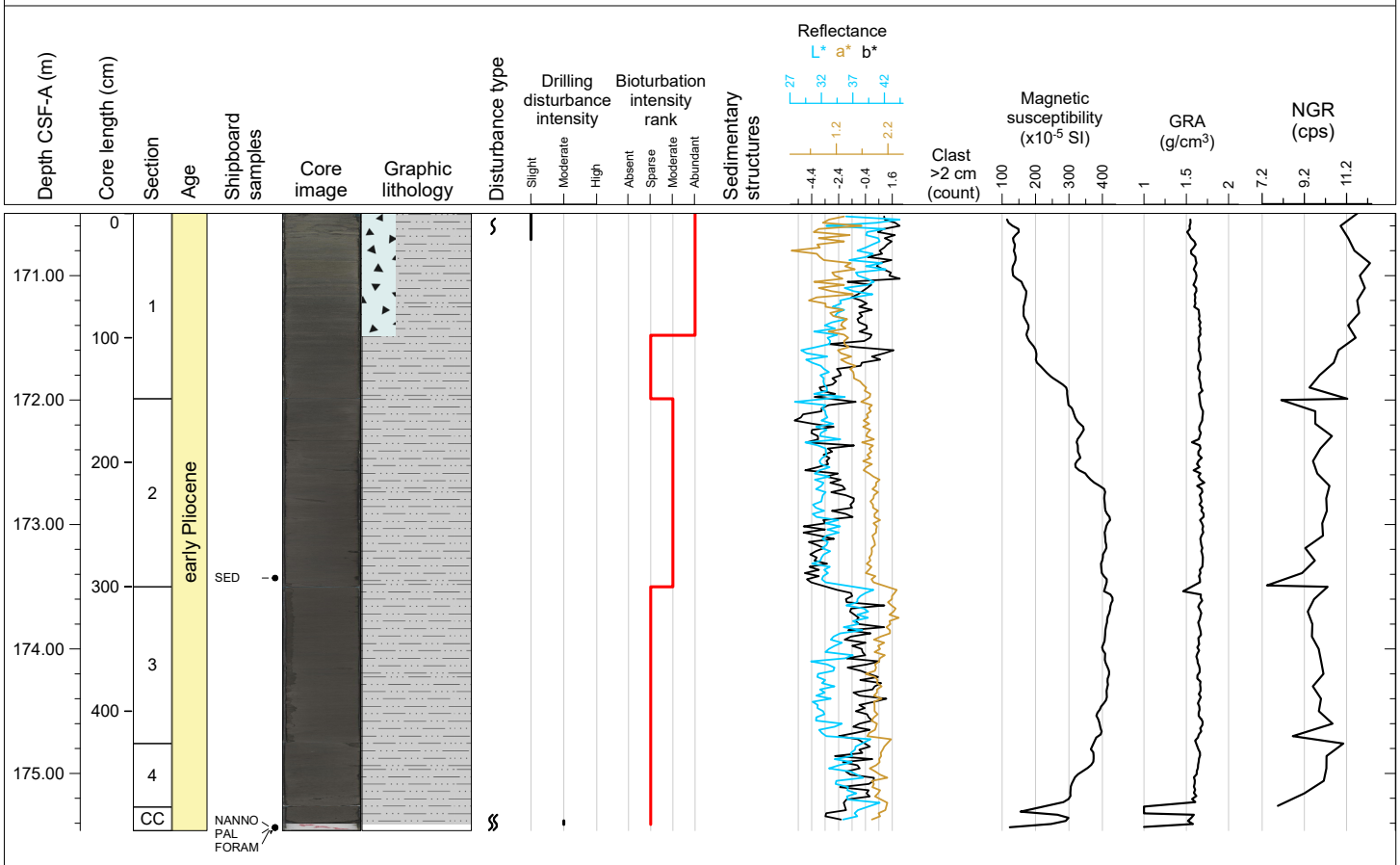
Hole 395-U1562C Core 241, Interval 169.0-169.0 m (CSF-A)

DRILLED INTERVAL 169.0-170.5 m



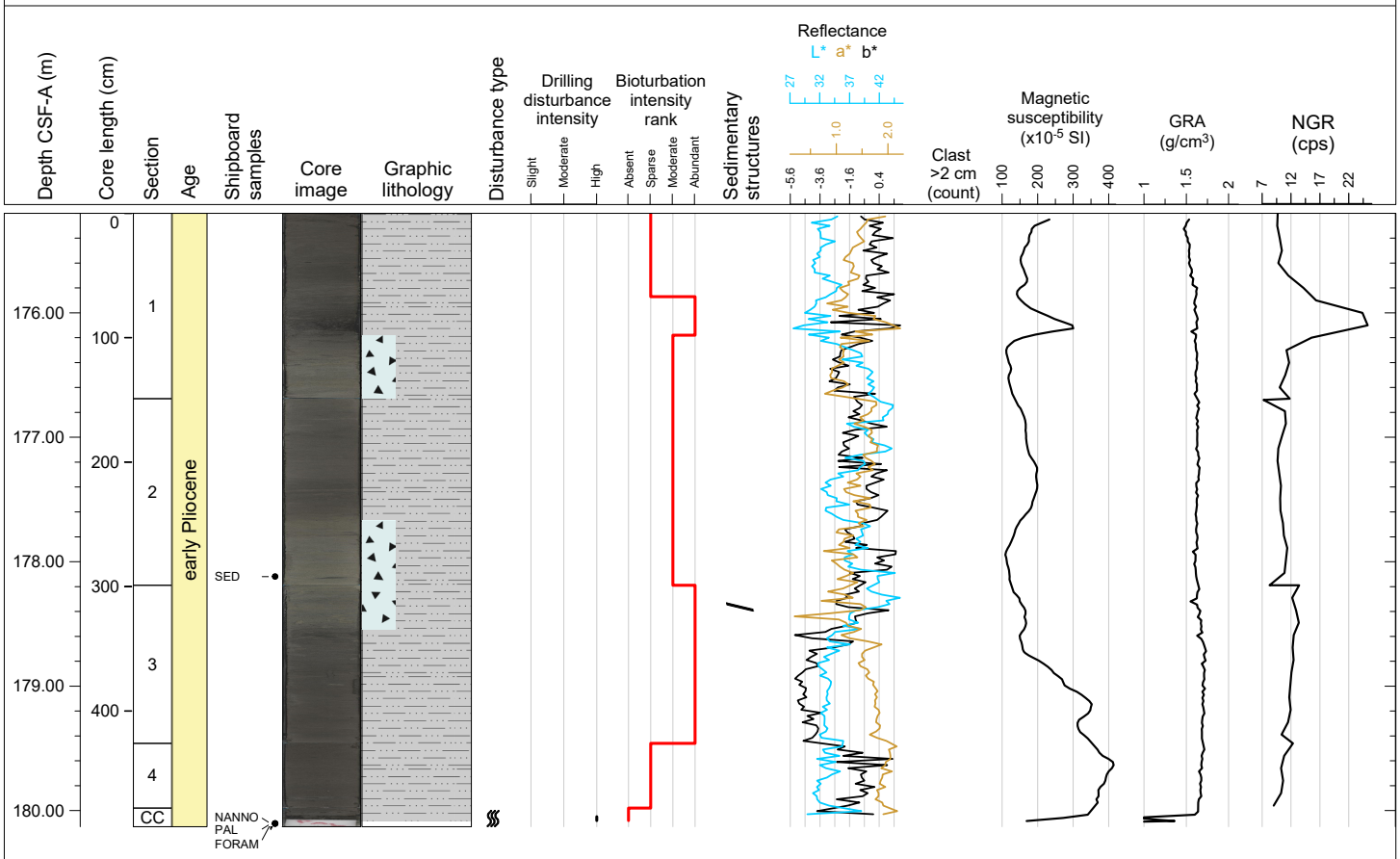
Hole 395-U1562C Core 25F, Interval 170.5-175.46 m (CSF-A)

This core primarily consists of very dark gray (5Y 3/1) SILTY CLAY with BIOGENICS. Bioturbation is sparse to abundant. A small pyrite cube is observed in Section 2, 94 cm and a fracture at Section 3, between 105 to 119 cm. Drilling disturbance is absent.



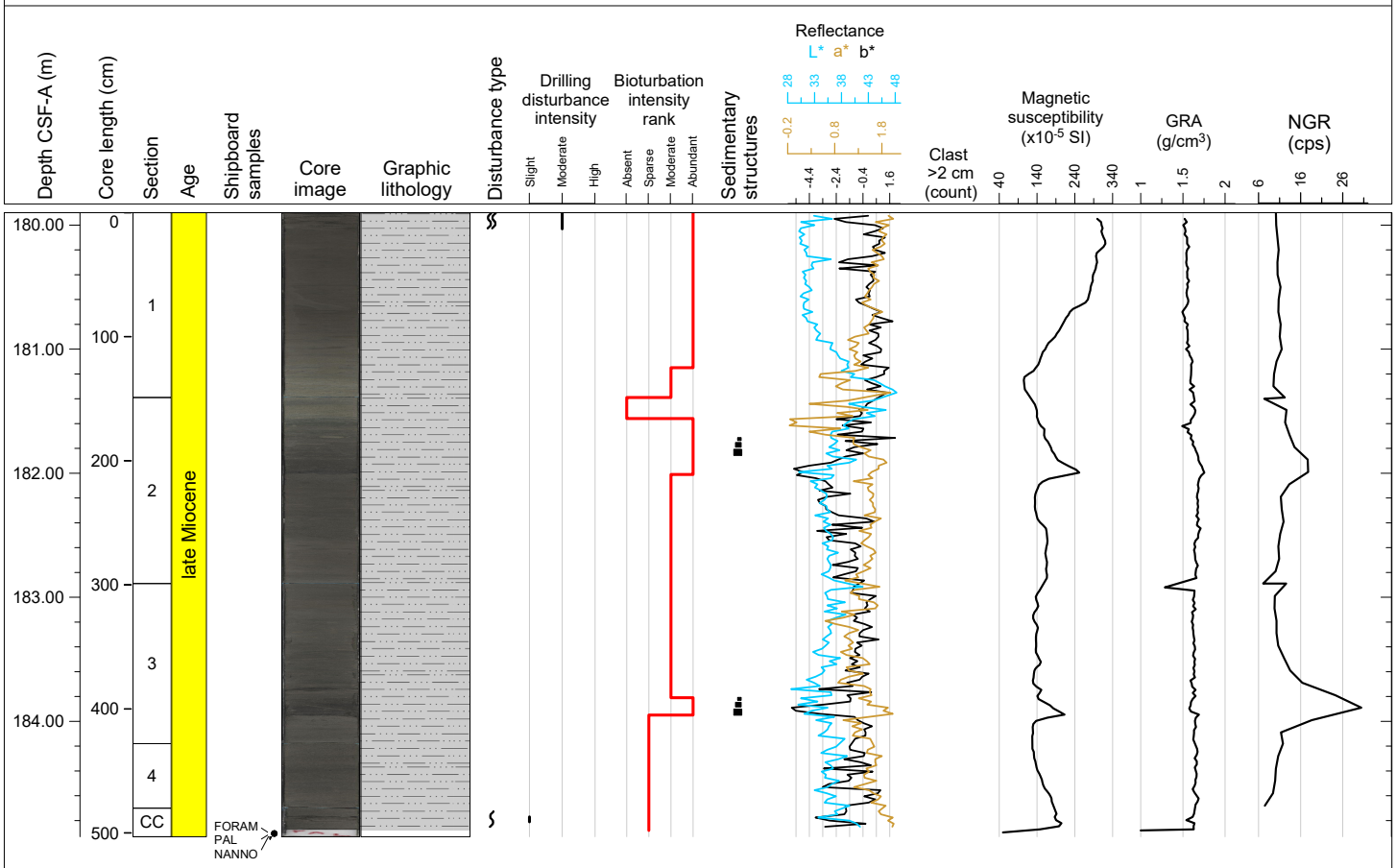
Hole 395-U1562C Core 26F, Interval 175.2-180.13 m (CSF-A)

This core consists of very dark gray (5Y 3/1) and gray (2.5Y 5/1) CARBONATE SILTY CLAY, SILTY CLAY and SILTY CLAY with BIOGENICS. Bioturbation is sparse to abundant. Drilling disturbance is highly deformed in Section CC, 7-10 cm.



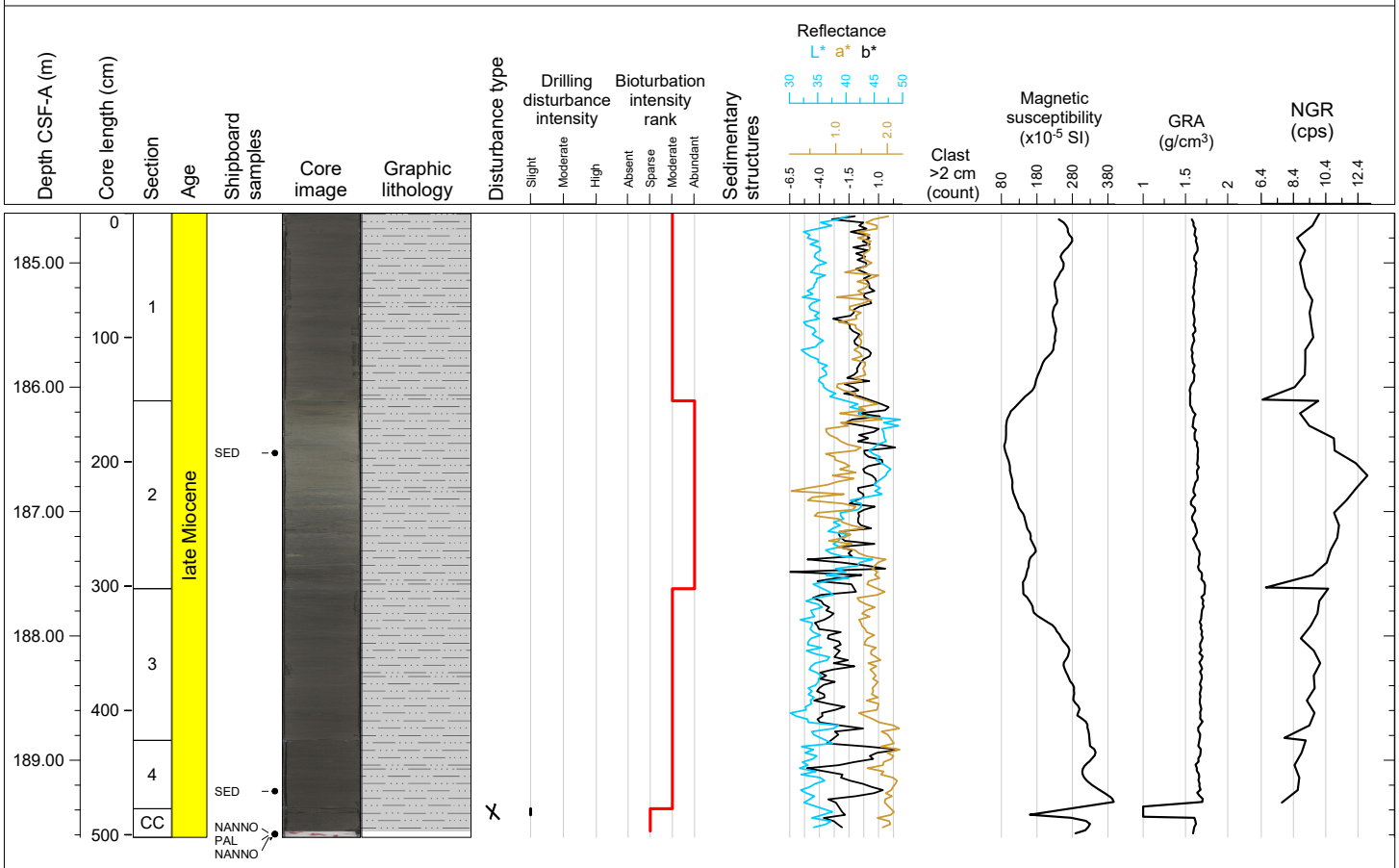
Hole 395-U1562C Core 27F, Interval 179.9-184.93 m (CSF-A)

This core consists of very dark gray (5Y 3/1) and gray (2.5Y 5/1) SILTY CLAY and SILTY CLAY with BIOGENICS or CARBONATE. Bioturbation is sparse to abundant. Drilling disturbance is slightly fragmented in Section 1, 0-13 cm and Section CC, 7-11 cm.



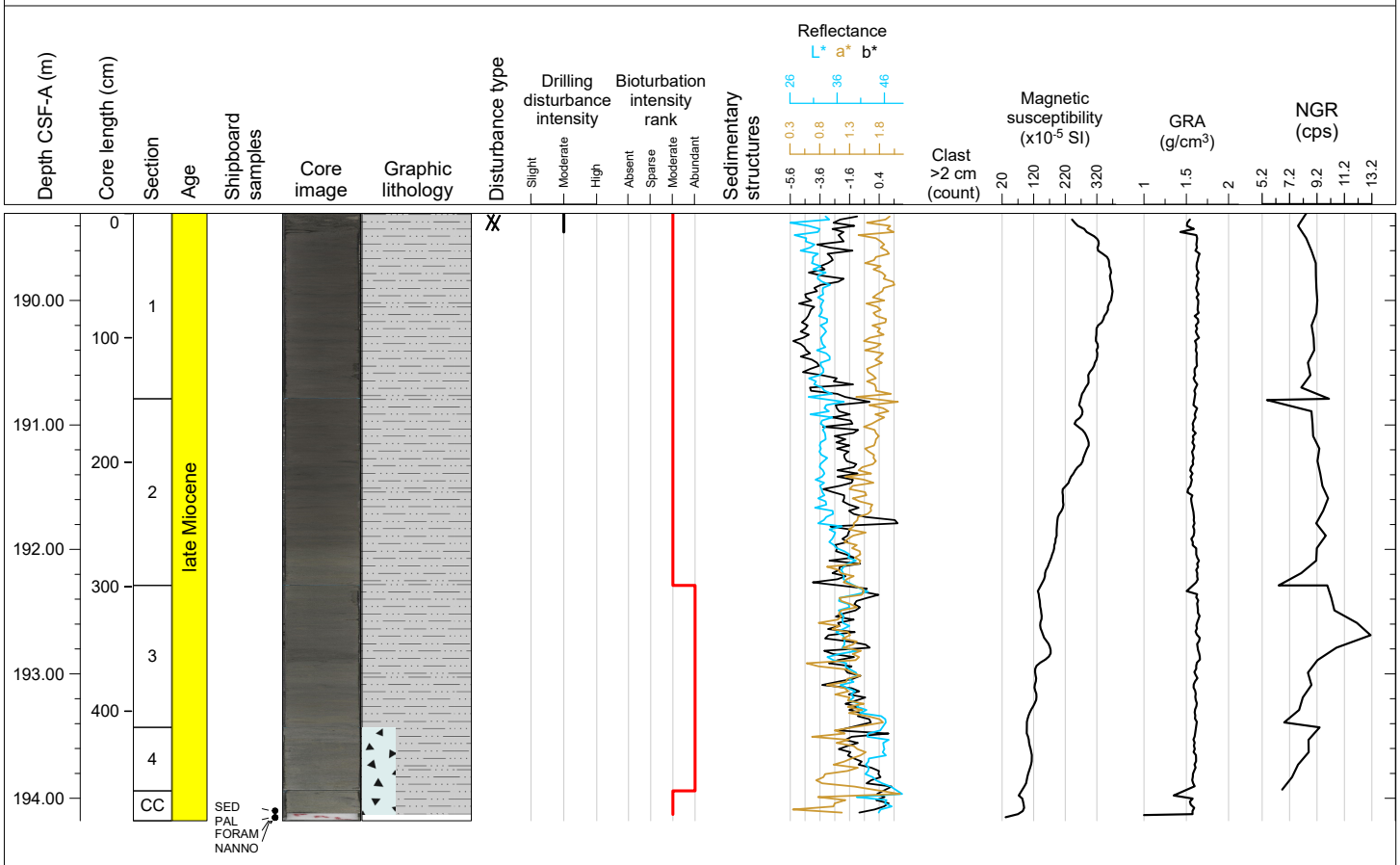
Hole 395-U1562C Core 28F, Interval 184.6-189.62 m (CSF-A)

This core consists of dark olive gray (5Y 3/2) and greenish gray (10Y 6/1) SILTY CLAY and SILTY CLAY with BIOGENICS or CARBONATE. Bioturbation is sparse to abundant. Drilling disturbance is slightly fragmented in Section CC, 0-5 cm.



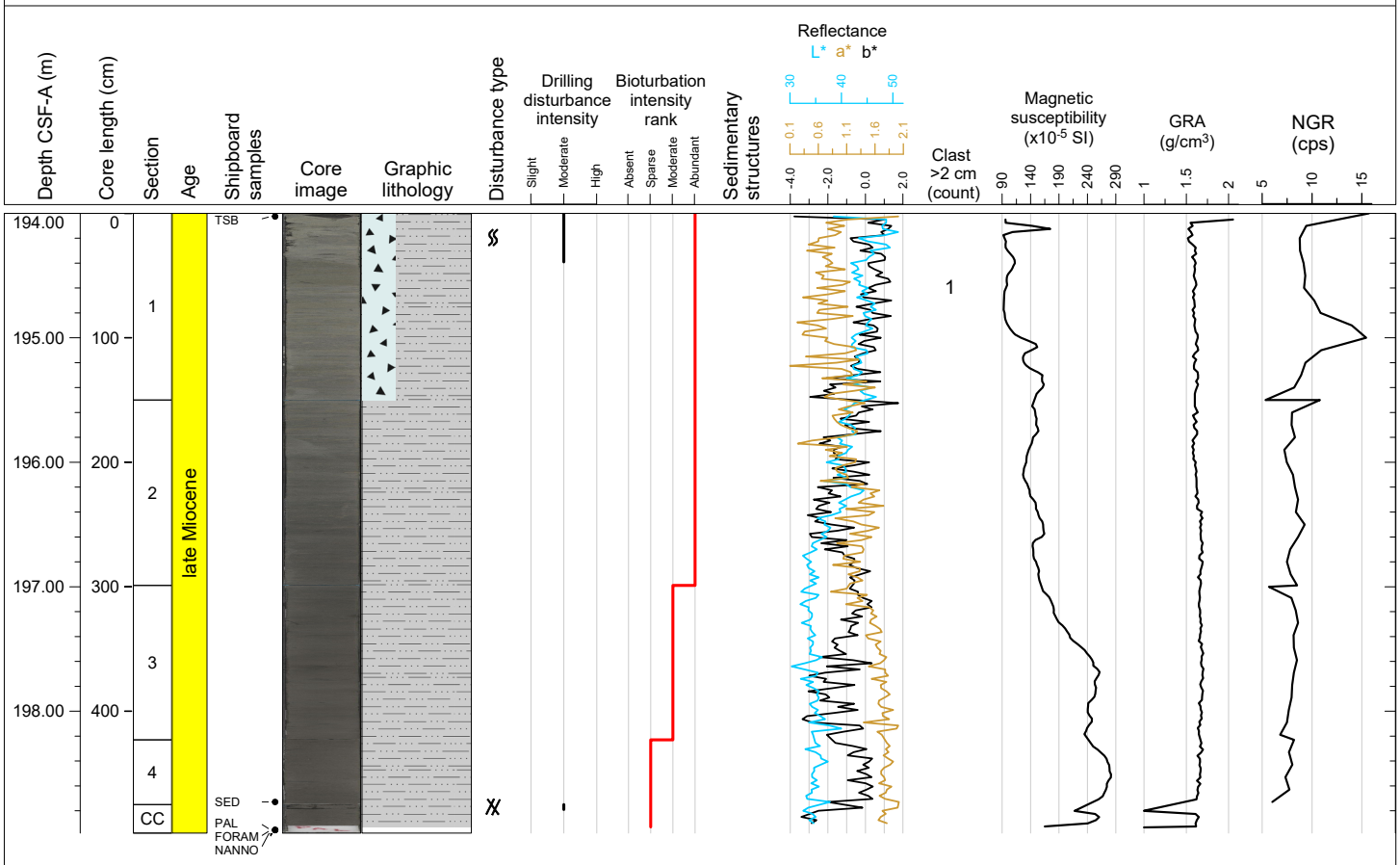
Hole 395-U1562C Core 29F, Interval 189.3-194.18 m (CSF-A)

This core consists of very dark gray (5Y 3/1) and greenish gray (10Y 6/1) CARBONATE SILTY CLAY, SILTY CLAY and SILTY CLAY with BIOGENICS or CARBONATE. Bioturbation is abundant. Drilling disturbance is moderately fragmented in Section 1, 0-15 cm.



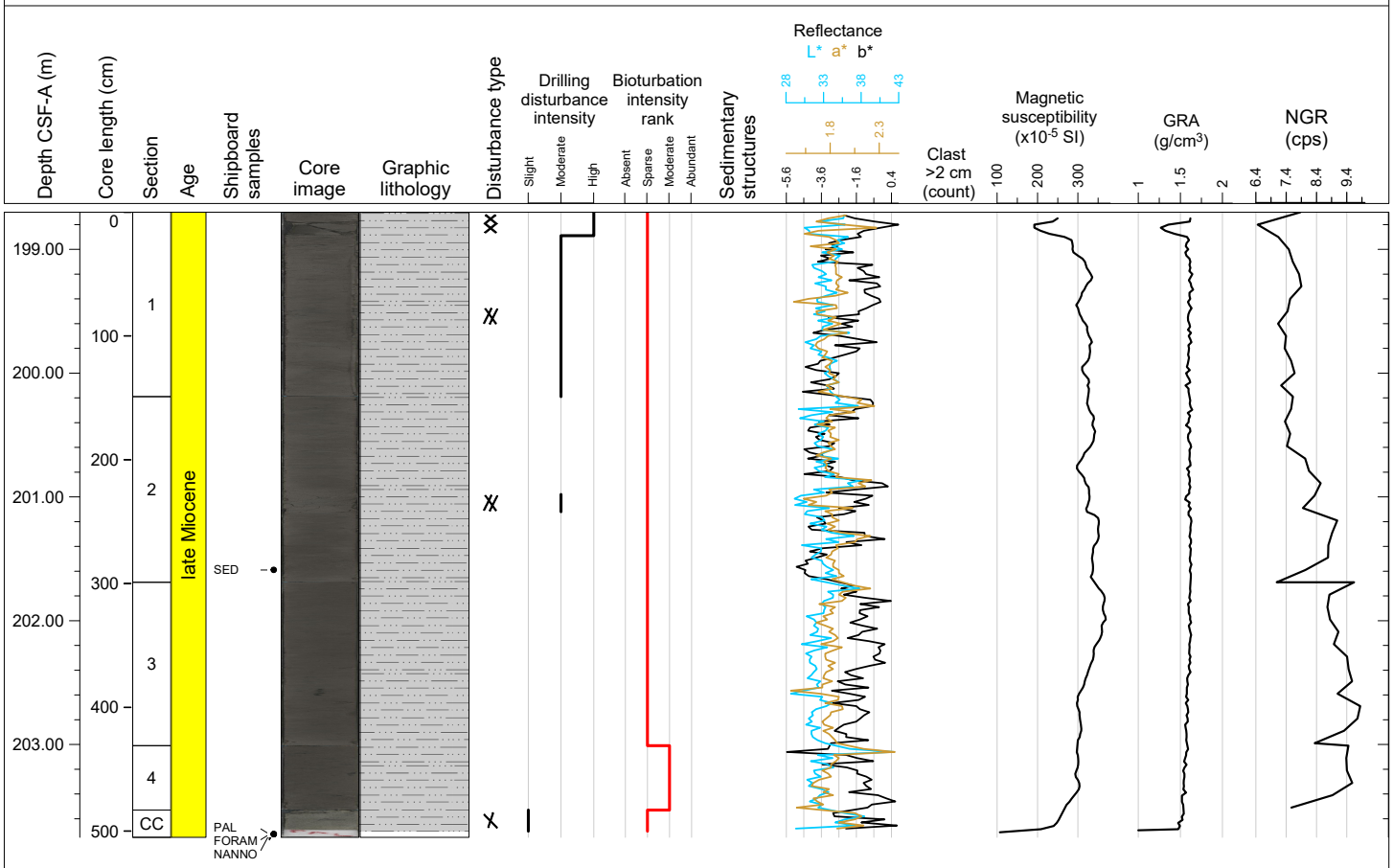
Hole 395-U1562C Core 30F, Interval 194.0-198.98 m (CSF-A)

This core consists of dark gray (2.5Y 4/1) and greenish gray (10Y 5/1) CARBONATE SILTY CLAY, and SILTY CLAY with BIOGENICS. Bioturbation is moderate to abundant. Drilling disturbance is moderately fragmented in Section 1, 0-39 cm and Section CC, 0-4 cm.



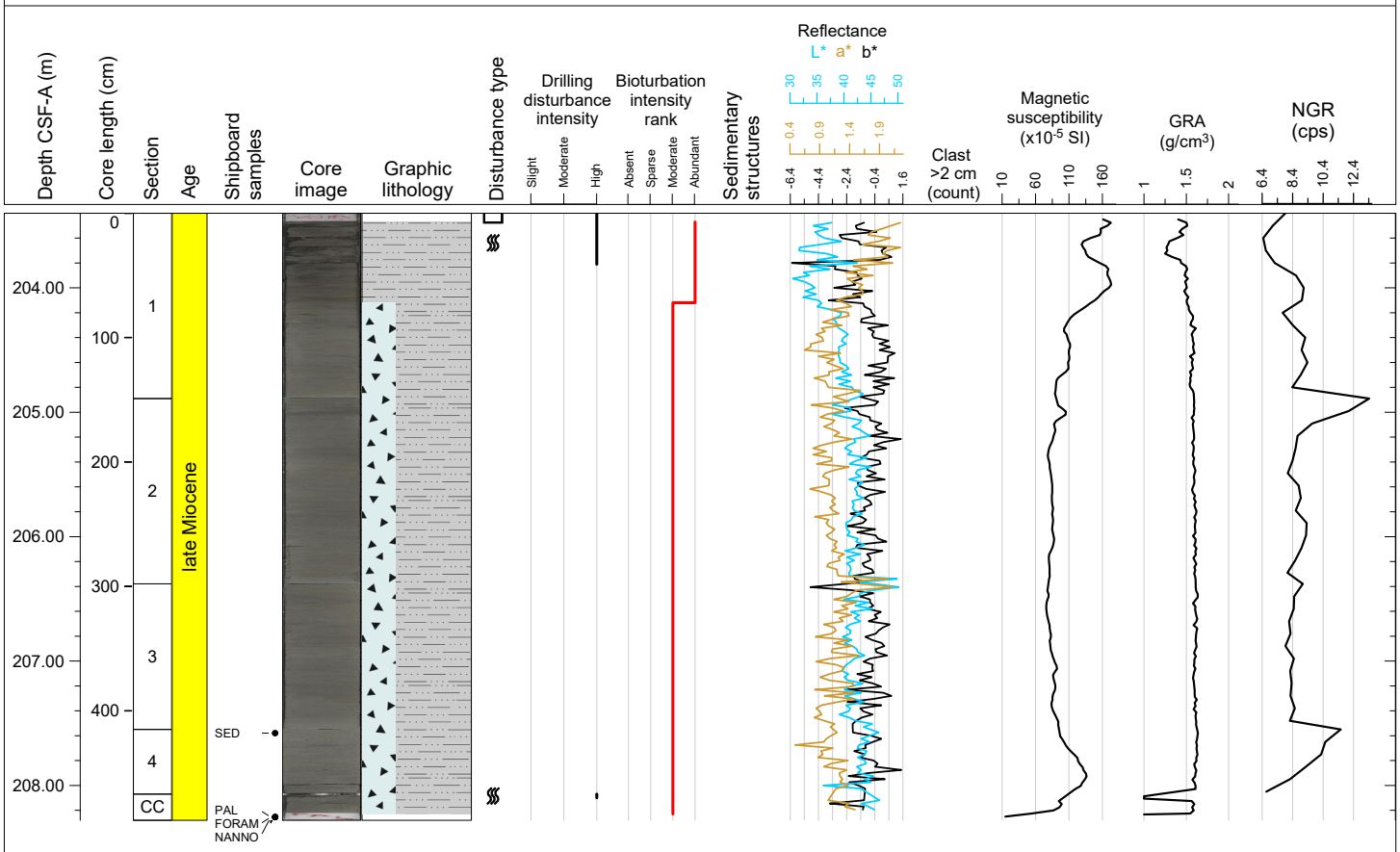
Hole 395-U1562C Core 31F, Interval 198.7-203.75 m (CSF-A)

This core consists of very dark gray (5Y 3/1) and dark olive gray (5Y 3/2) SILTY CLAY. Bioturbation is sparse to moderate. Drilling disturbance is highly fragmented in Section 1, 0-19 cm, moderately fragmented in Section 1 at 19-149 cm, Section 2 at 79-93, Section CC at 0-17 cm.



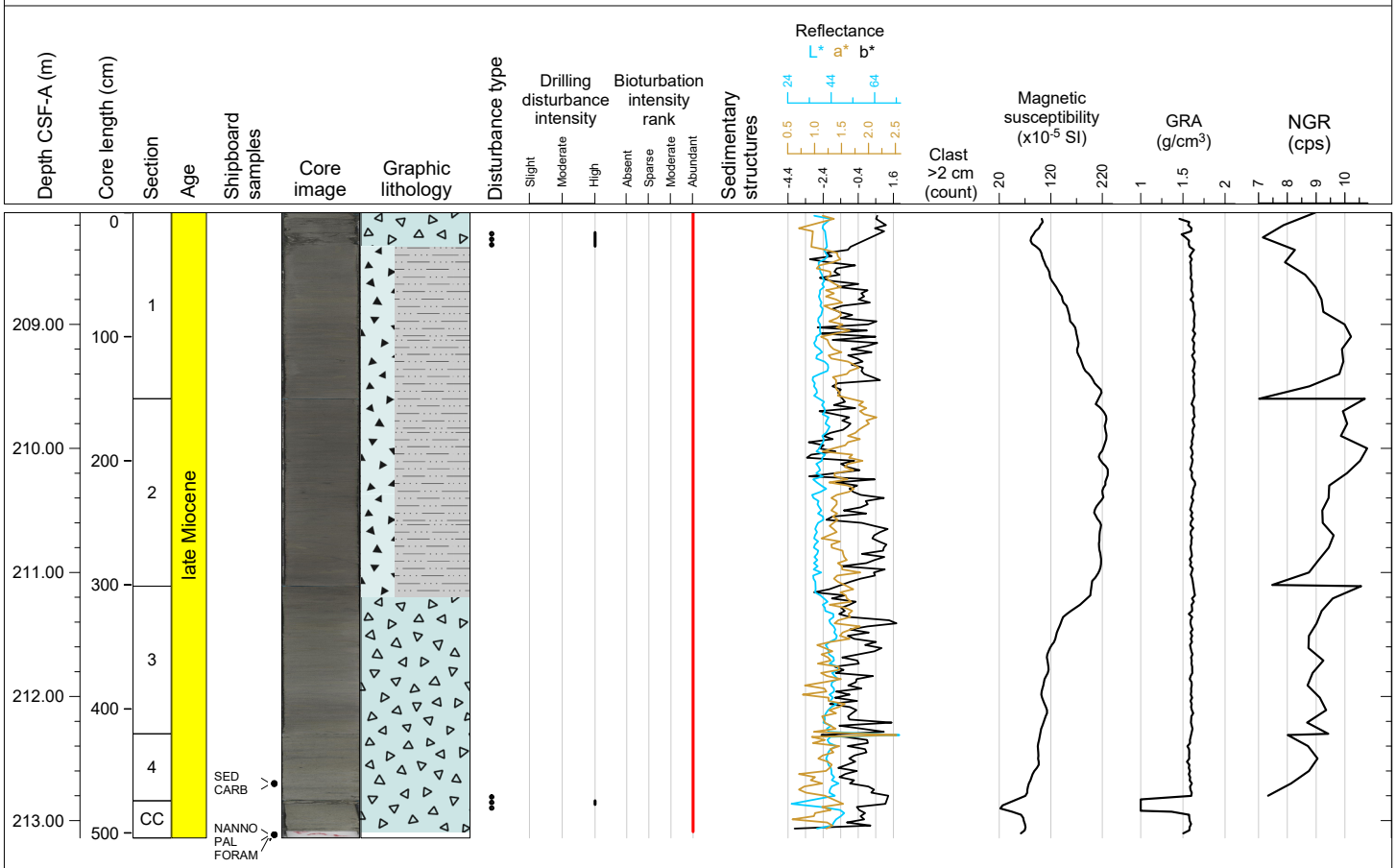
Hole 395-U1562C Core 32F, Interval 203.4-208.28 m (CSF-A)

This core consists of dark olive gray (5Y 3/2) and greenish gray (10Y 5/1) CARBONATE SILTY CLAY and SILTY CLAY. Shell fragments are in Section 32 at 87 cm. Bioturbation is moderate to abundant. Drilling disturbance is void in Section 1, 0-7 cm, and highly deformed in Section 1, 7-41 cm and Section CC, 0-3 cm.



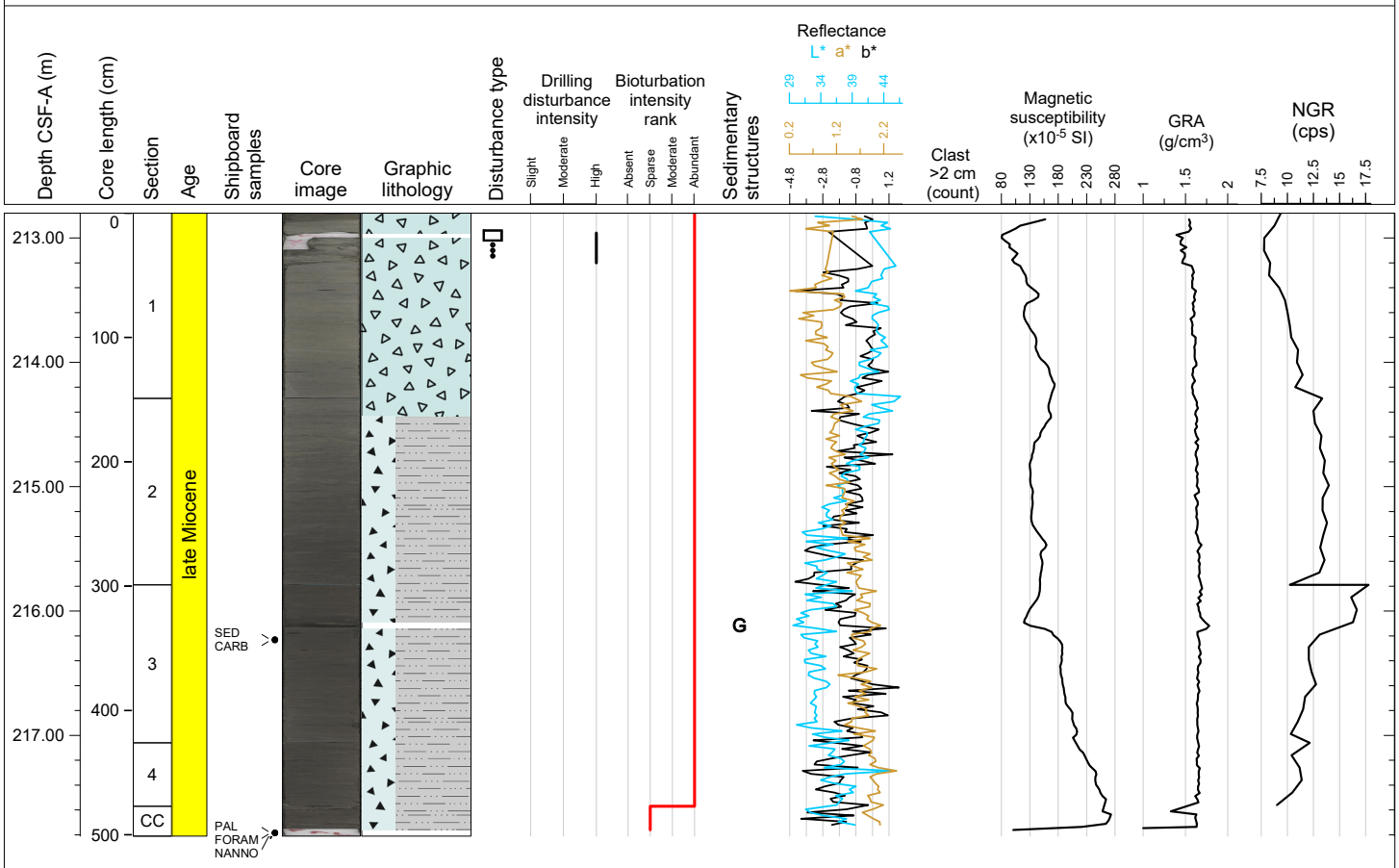
Hole 395-U1562C Core 33F, Interval 208.1-213.14 m (CSF-A)

This core consists of primarily gray (N5/) to dark greenish gray (10Y 4/1) CARBONATE OOZE with SILTY CLAY and CARBONATE SILTY CLAY. Bioturbation is abundant. The core is soupy in Section 1, 16-27 cm and Section CC, 0-3 cm.



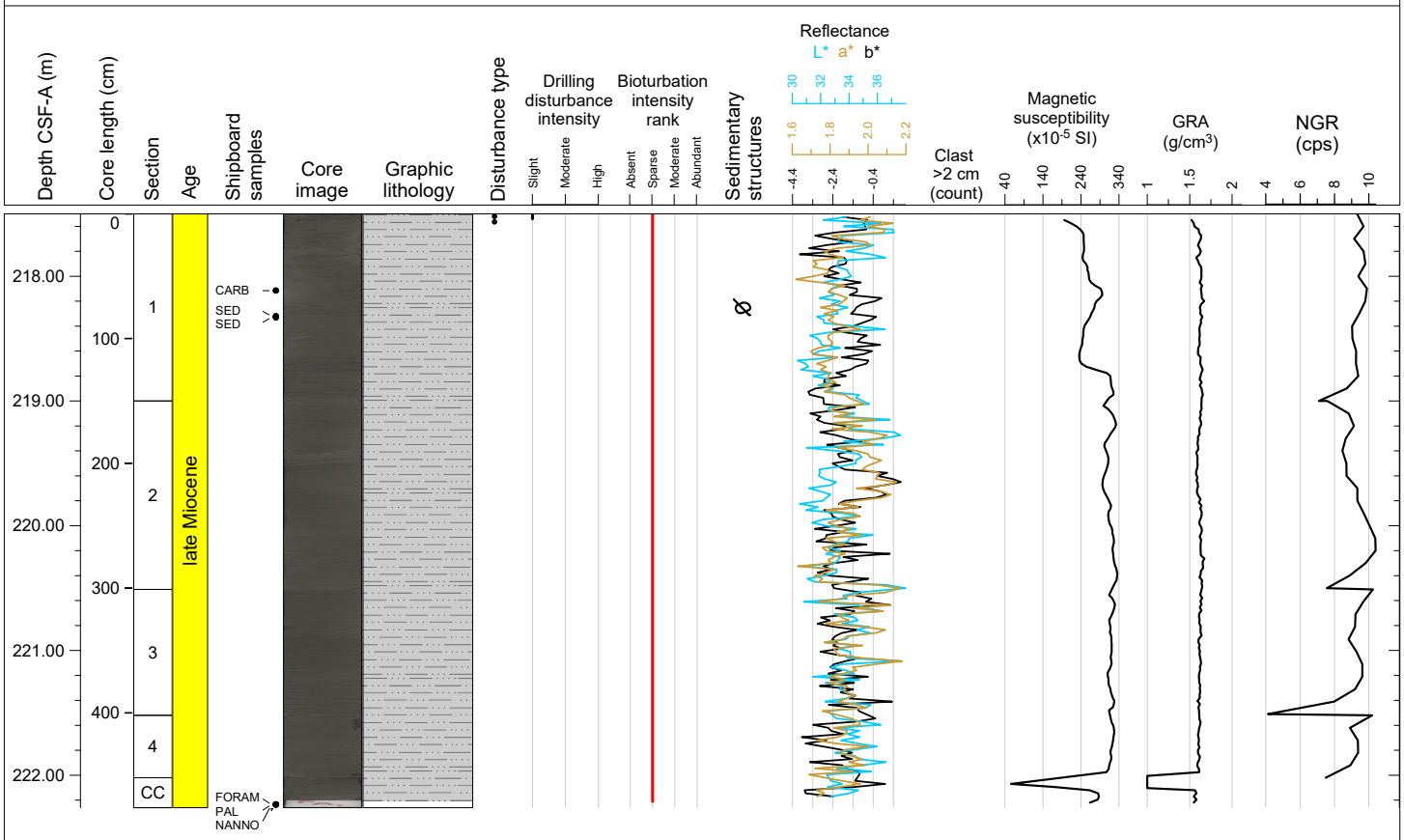
Hole 395-U1562C Core 34F, Interval 212.8-217.81 m (CSF-A)

This core consists of primarily very dark greenish gray (10Y 3/1) CARBONATE SILTY CLAY. A burrow is in Section 1, 62 cm. A glass layer is observed Section 3, 30-35 cm. Bioturbation is abundant. Section 1, 16 -20 cm is void and 20-40 cm is soupy.



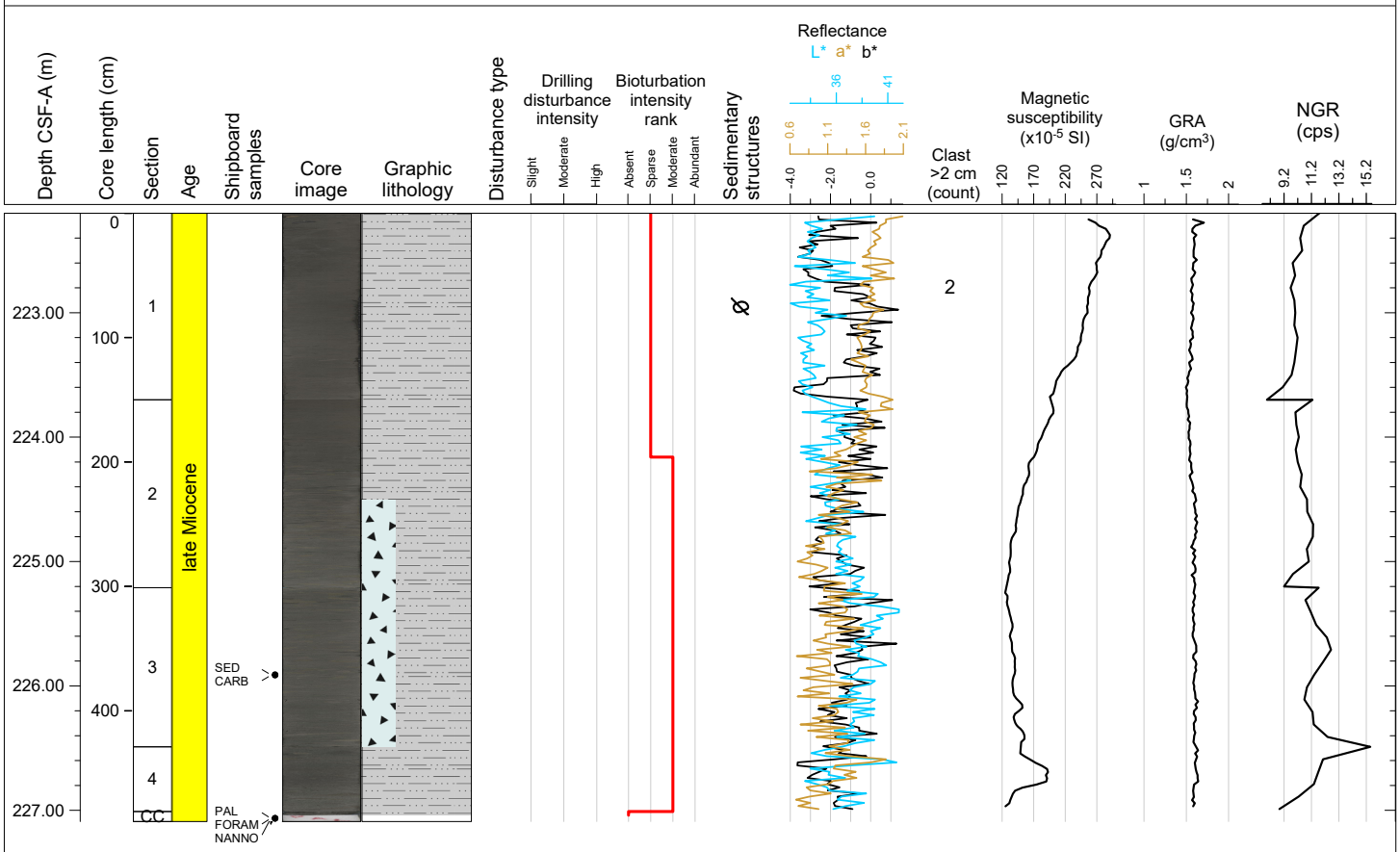
Hole 395-U1562C Core 35F, Interval 217.5-222.26 m (CSF-A)

This core consists of primarily black (5Y 2.5/2) SILTY CLAY with BIOGENICS. A clast in Section 1, 42 cm. A halo burrow is in Section 3, 10-140 cm and Section 4, 31-46 cm and 60 cm. Bioturbation is sparse. Section 1, 0-4 cm is soupy.



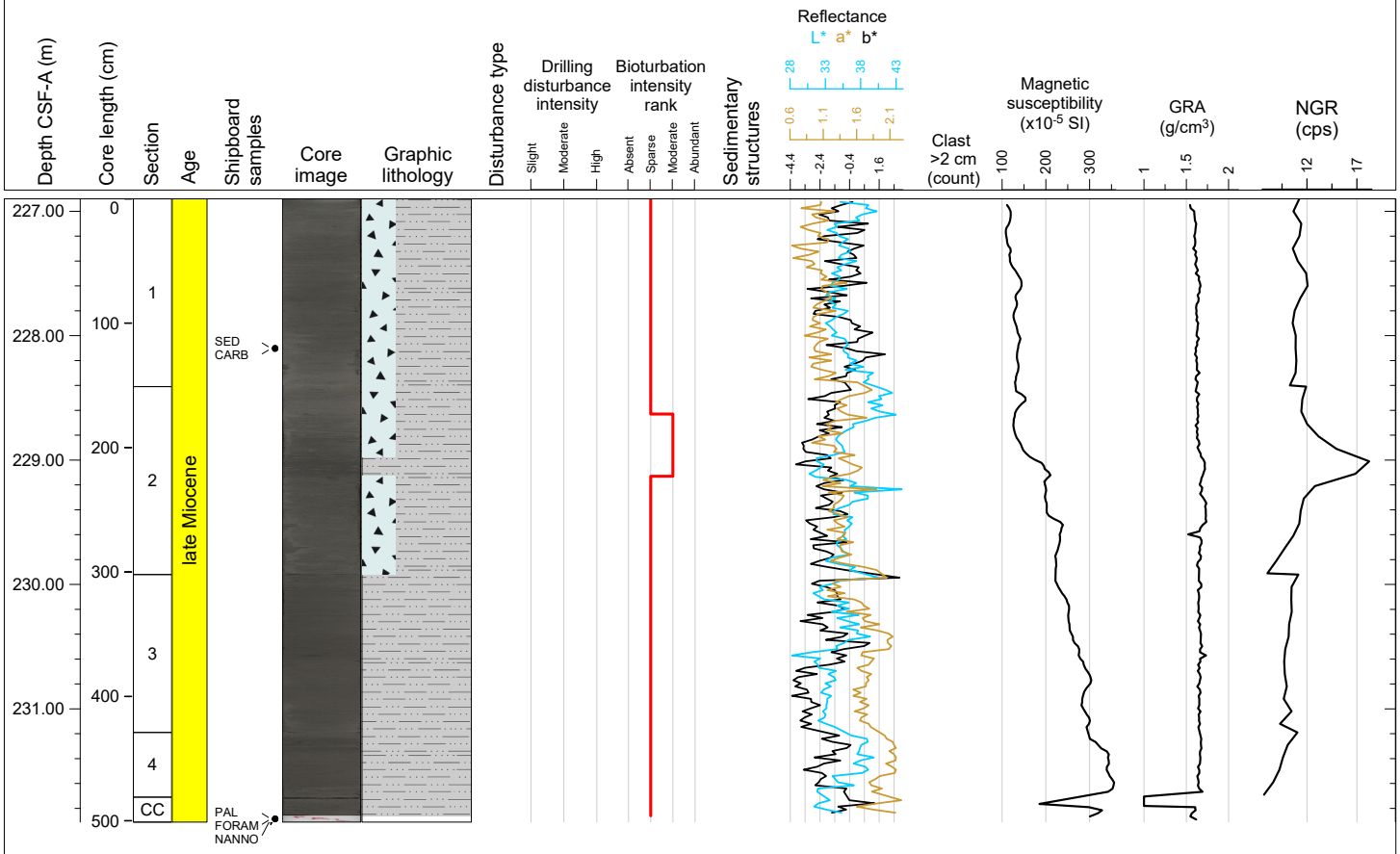
Hole 395-U1562C Core 36F, Interval 222.2-227.09 m (CSF-A)

This core consists of primarily dark olive gray (5Y 3/2) to very dark greenish gray (10Y 3/1) CARBONATE SILTY CLAY. A few clasts are in Section 1, 3-10 cm. Bioturbation is moderate. Drilling disturbance is absent.



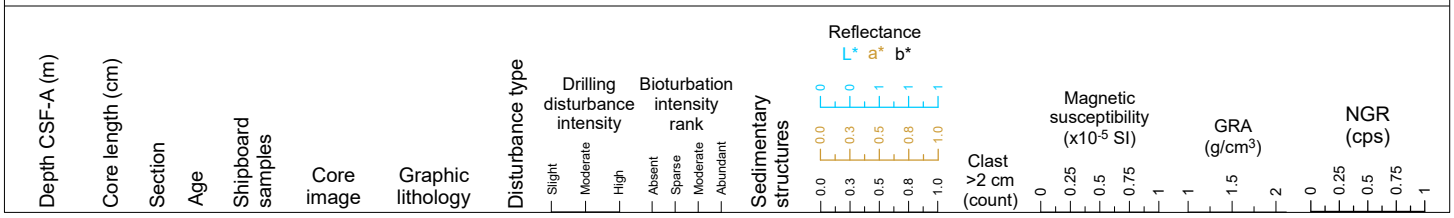
Hole 395-U1562C Core 37F, Interval 226.9-231.91 m (CSF-A)

This core consists of very dark gray (5Y 3/1) and greenish gray (10Y 5/1) SILTY CLAY. Bioturbation is sparse.



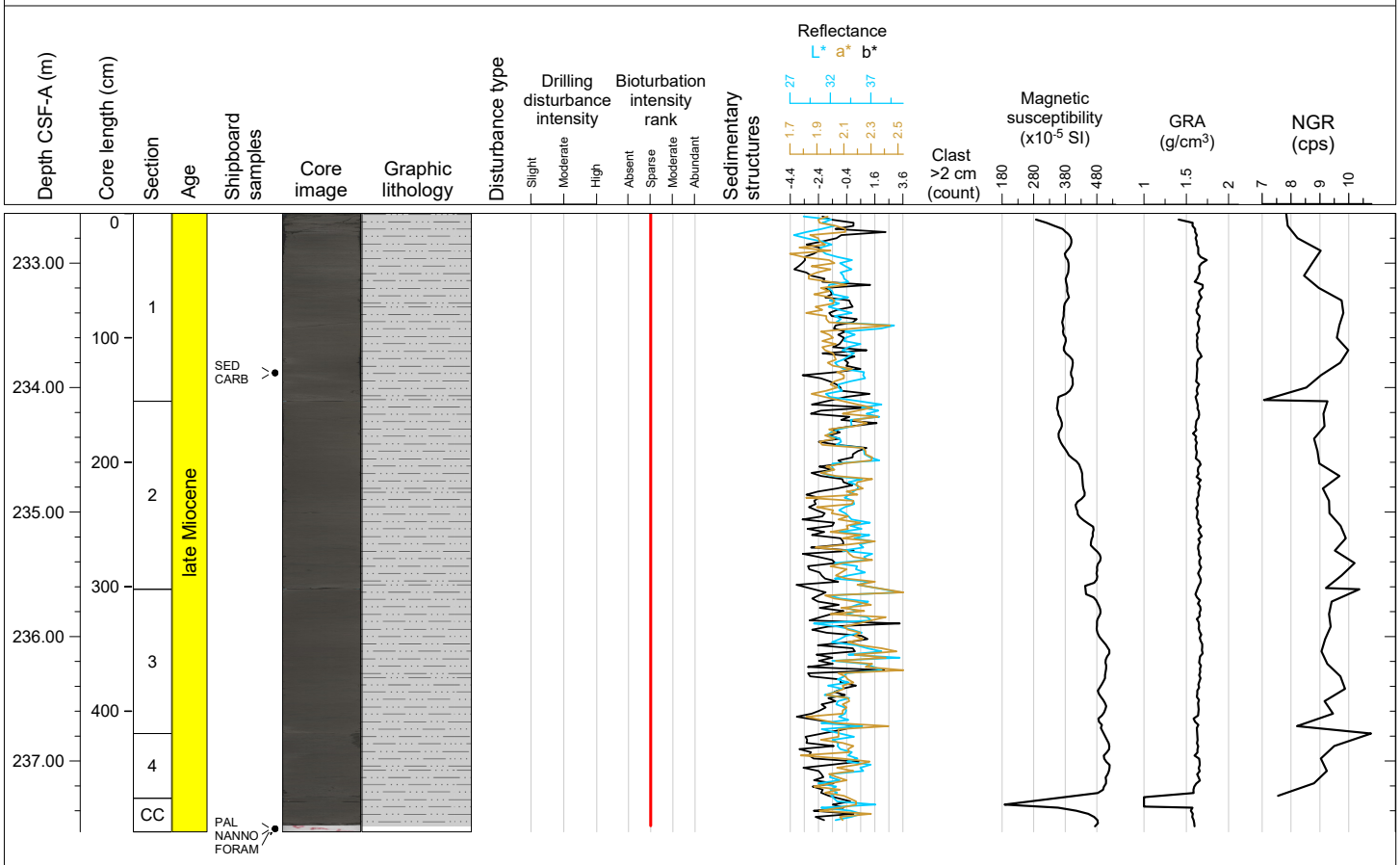
Hole 395-U1562C Core 381, Interval 231.6-231.6 m (CSF-A)

DRILLED INTERVAL 231.6-232.6 m



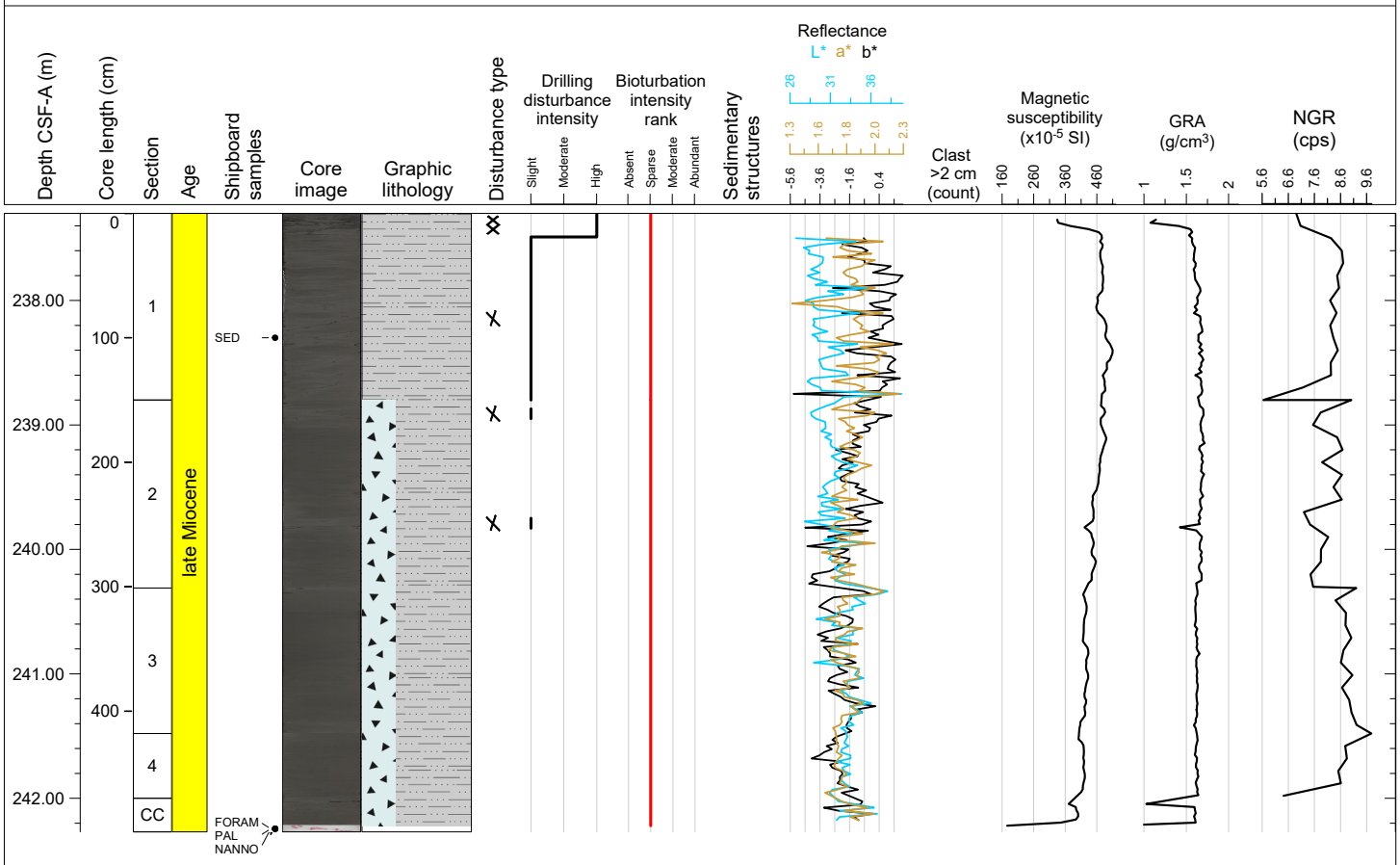
Hole 395-U1562C Core 39F, Interval 232.6-237.57 m (CSF-A)

This core consists of very dark gray (5Y 3/1) and dark olive gray (5Y 3/2) CARBONATE SILTY CLAY and SILTY CLAY with CARBONATE. Bioturbation is sparse to moderate.



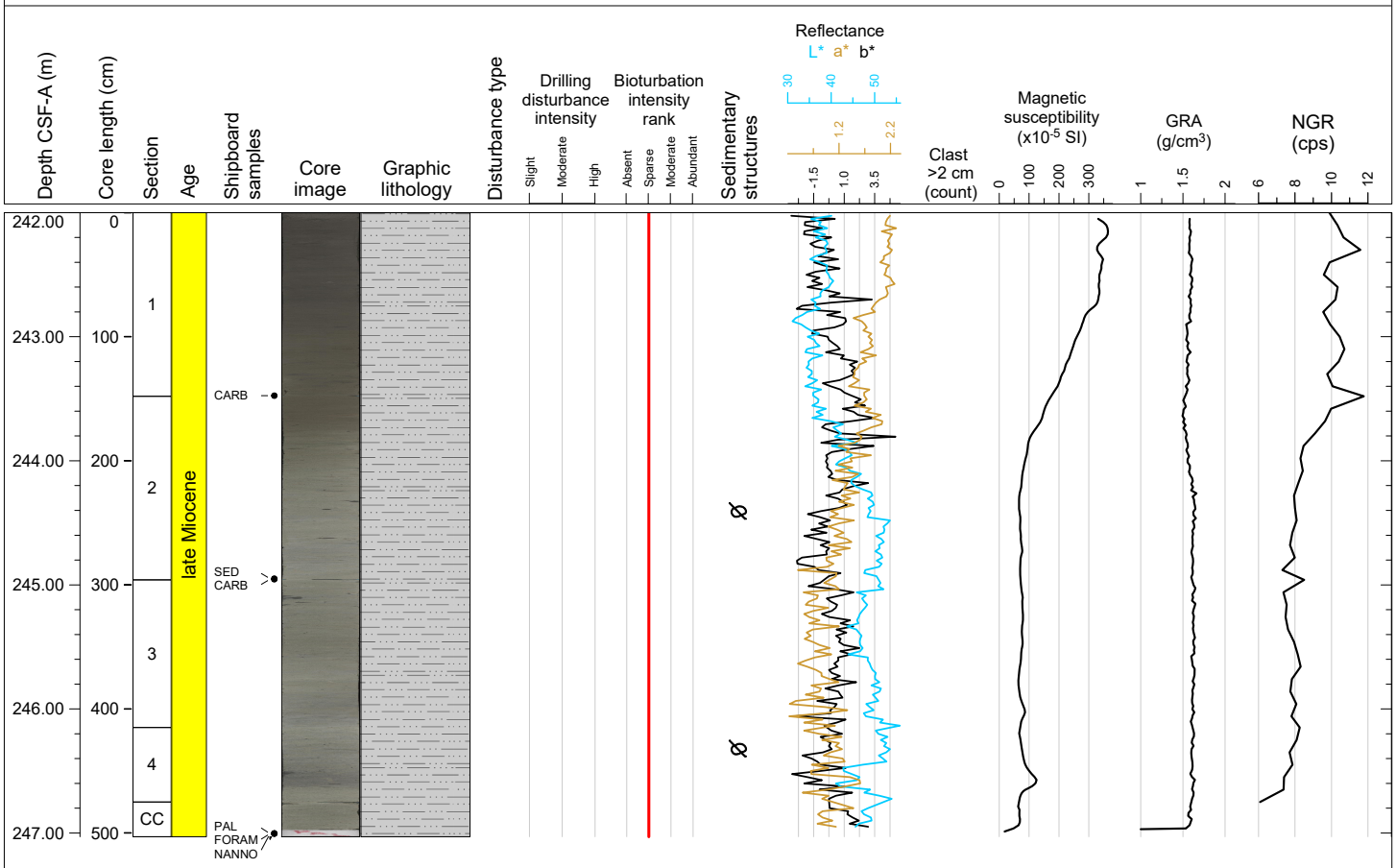
Hole 395-U1562C Core 40F, Interval 237.3-242.27 m (CSF-A)

This core consists of very dark gray (5Y 3/1) and dark olive gray (5Y 3/2) CARBONATE SILTY CLAY, SILTY CLAY, SILTY CLAY with BIOGENICS. Bioturbation is sparse. Drilling disturbance is highly fragmented in Section 1 at 0-9 cm, and slightly fragmented in Section 1 at 19-150 cm, Section 2 at 7-15 cm and 95-103 cm.



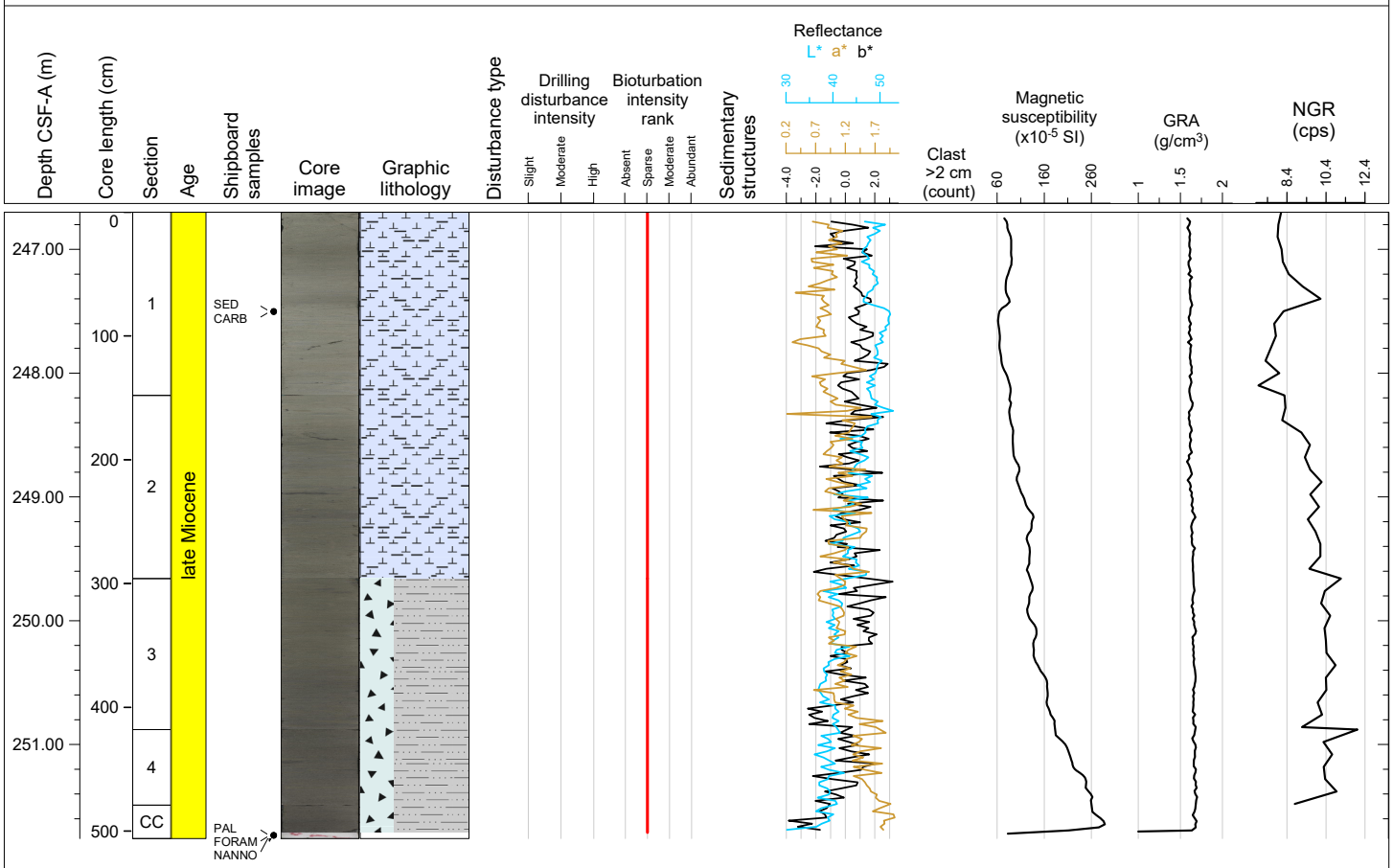
Hole 395-U1562C Core 41F, Interval 242.0-247.03 m (CSF-A)

This core consists of black (5Y 2.5/2) and light greenish gray (5GY 7/1) SILTY CLAY. Bioturbation is sparse. Small clasts are observed in Section 2 at 85 cm, 90 cm, 114 cm and Section 4 at 37 cm, 45 cm.



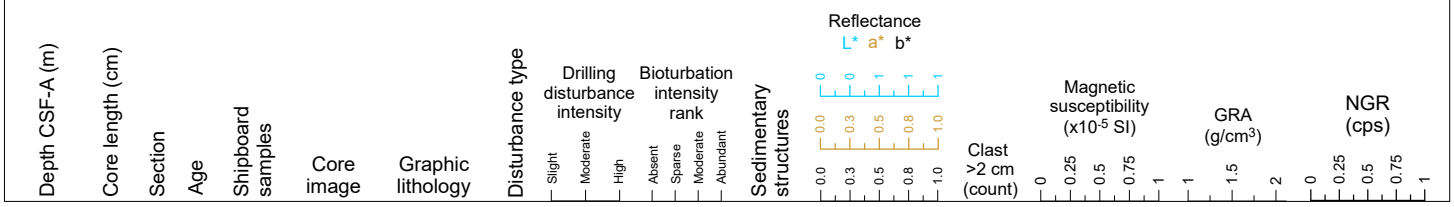
Hole 395-U1562C Core 42F, Interval 246.7-251.76 m (CSF-A)

This core consists of dark gray (2.5Y 4/1) and light greenish gray (10Y 7/1) NANNOFOSSIL OOZE and CARBONATE SILTY CLAY with BIOSILICA. Soft sediment deformation and rip up clasts are observed in Section 3 between 0 to 65 cm. Bioturbation is sparse.



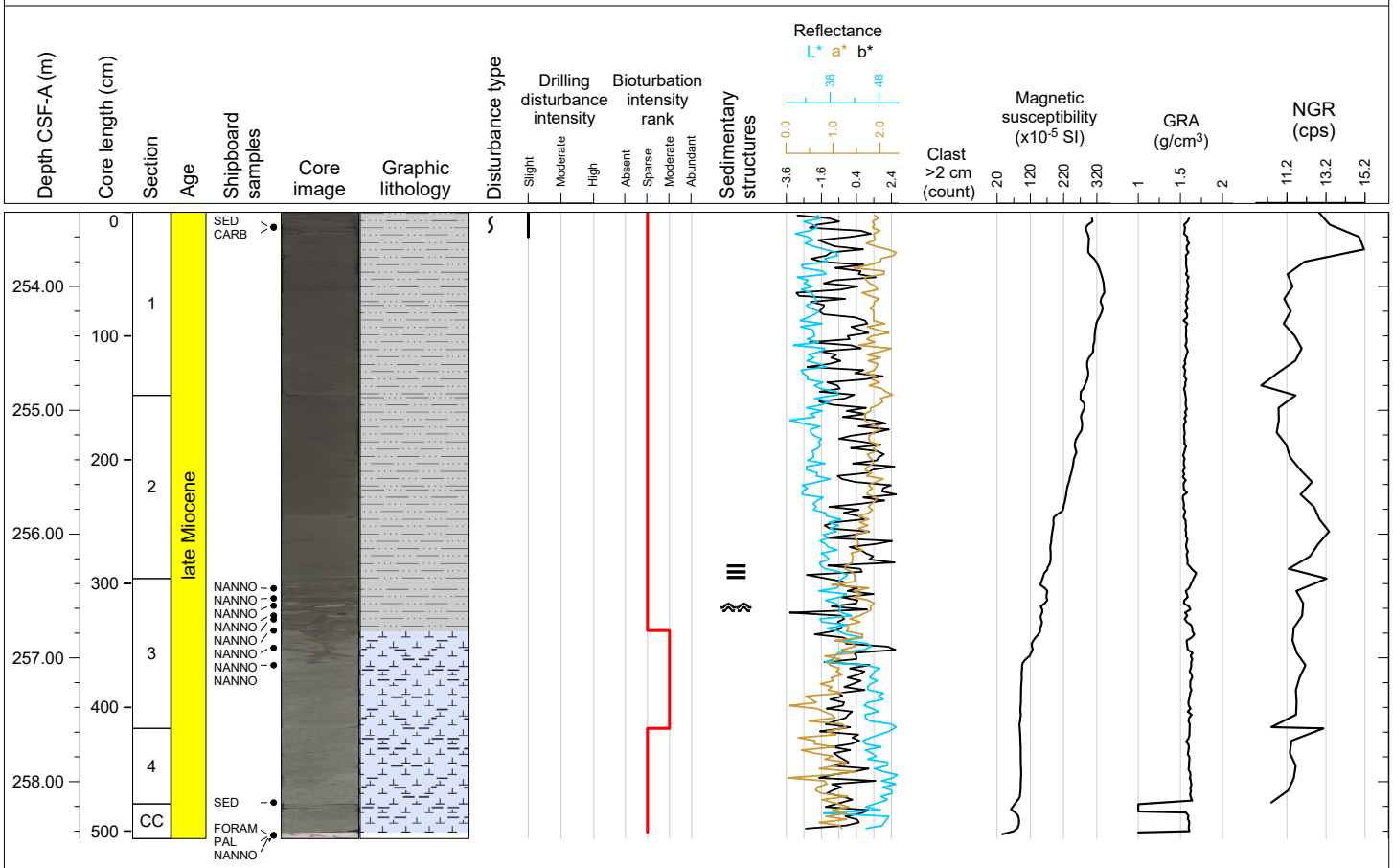
Hole 395-U1562C Core 431, Interval 251.4-251.4 m (CSF-A)

DRILLED INTERVAL 251.4-253.4 m



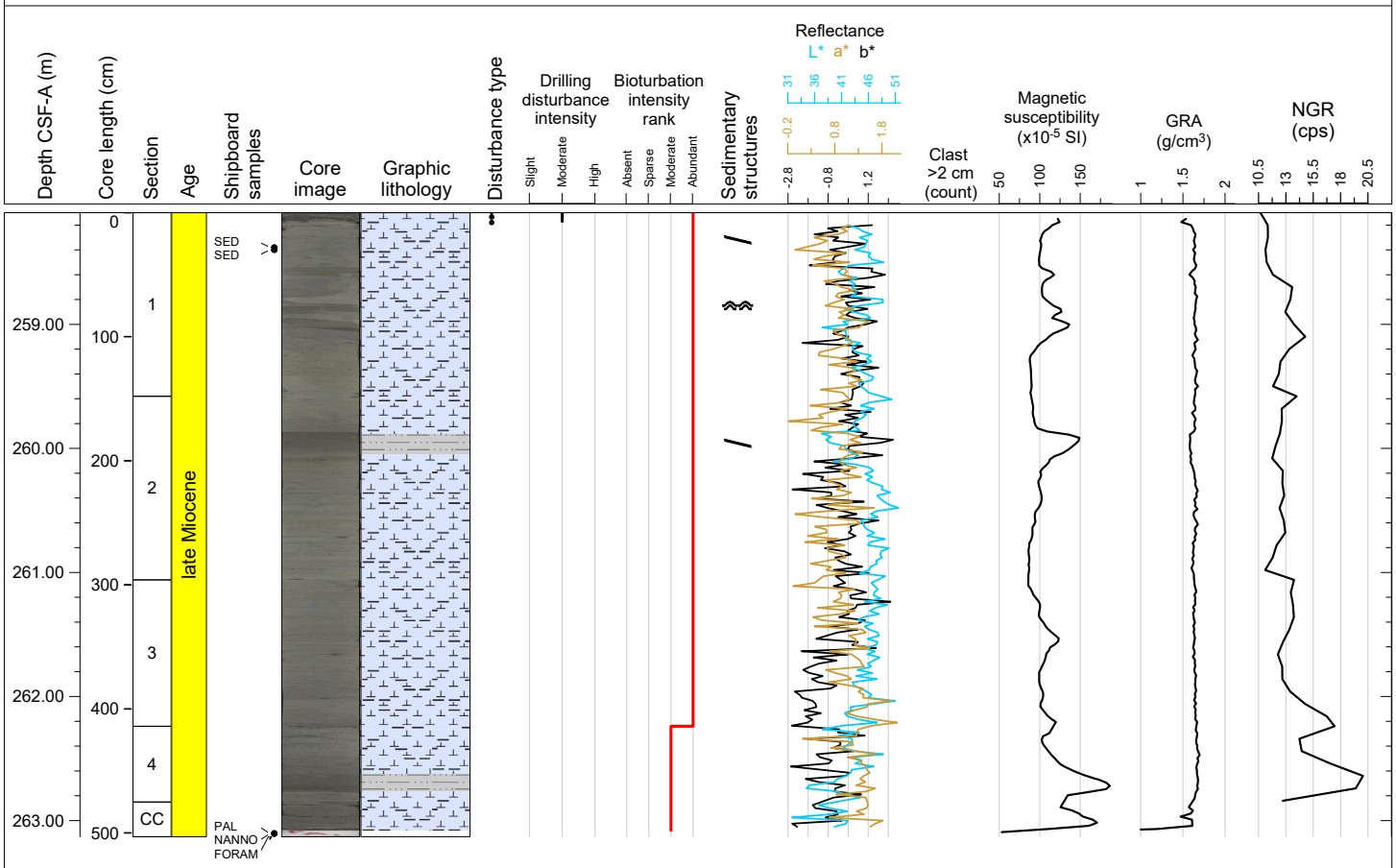
Hole 395-U1562C Core 44F, Interval 253.4-258.46 m (CSF-A)

This core consists of black (5Y 2.5/2) and greenish gray (10Y 6/1) NANNOFOSSIL OOZE with SILTY CLAY and BIOSILICA and also SILTY CLAY. Bioturbation is sparse. Lamination is observed in Section 2. Graded bedding is in Section 3. There is soft sediment deformation in Section 3, 5 to 64 cm.



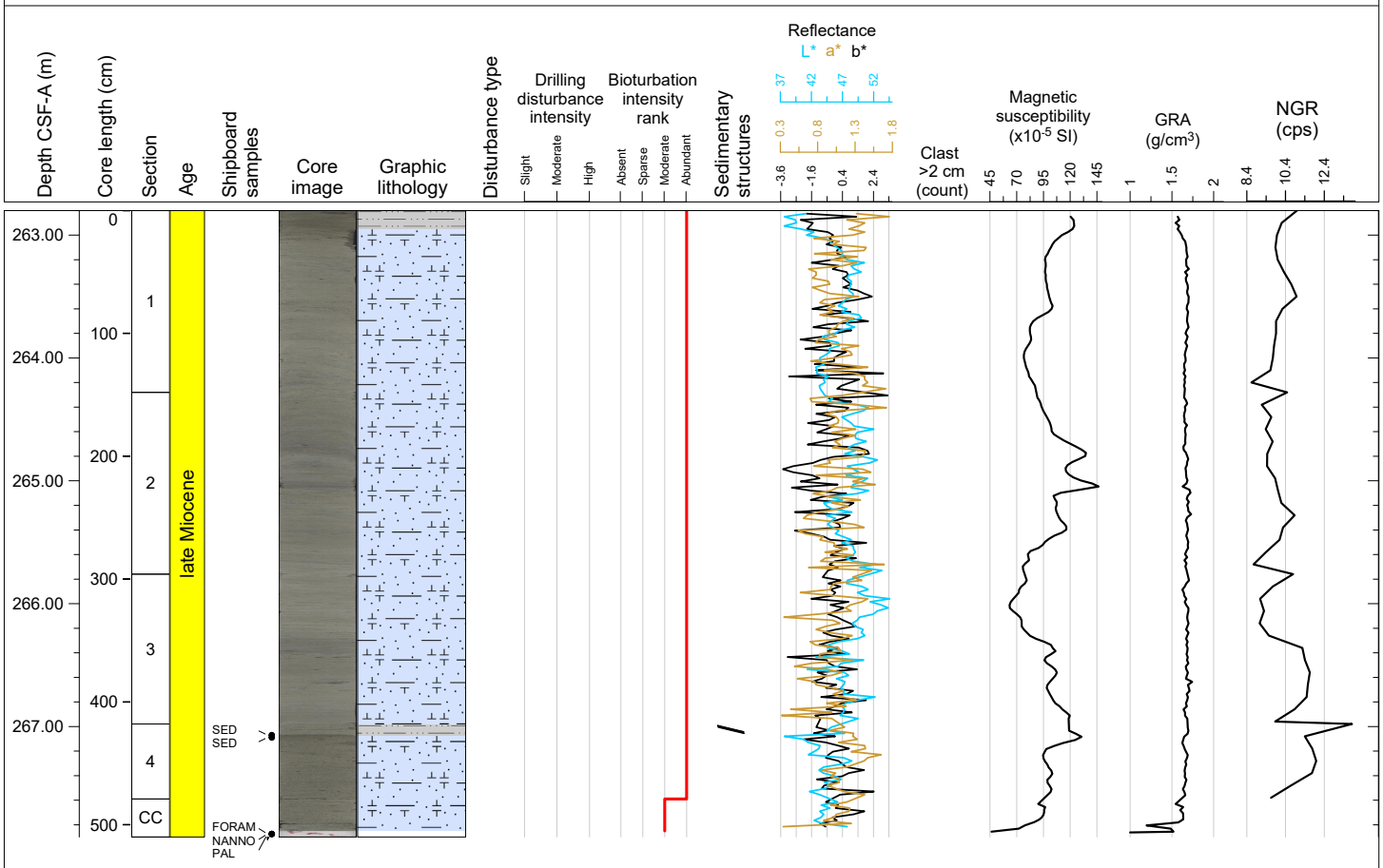
Hole 395-U1562C Core 45F, Interval 258.1-263.13 m (CSF-A)

This core consists of greenish gray (10Y 6/1) and dark greenish gray (10Y 4/1) NANNOFOSSIL OOZE with SILTY CLAY and BIOSILICA. There are sharp boundaries at Section 1, 28 cm and in Section 2. Bioturbation is moderate to abundant. Drilling disturbance is moderately soupy in Section 1, 0 to 7 cm.



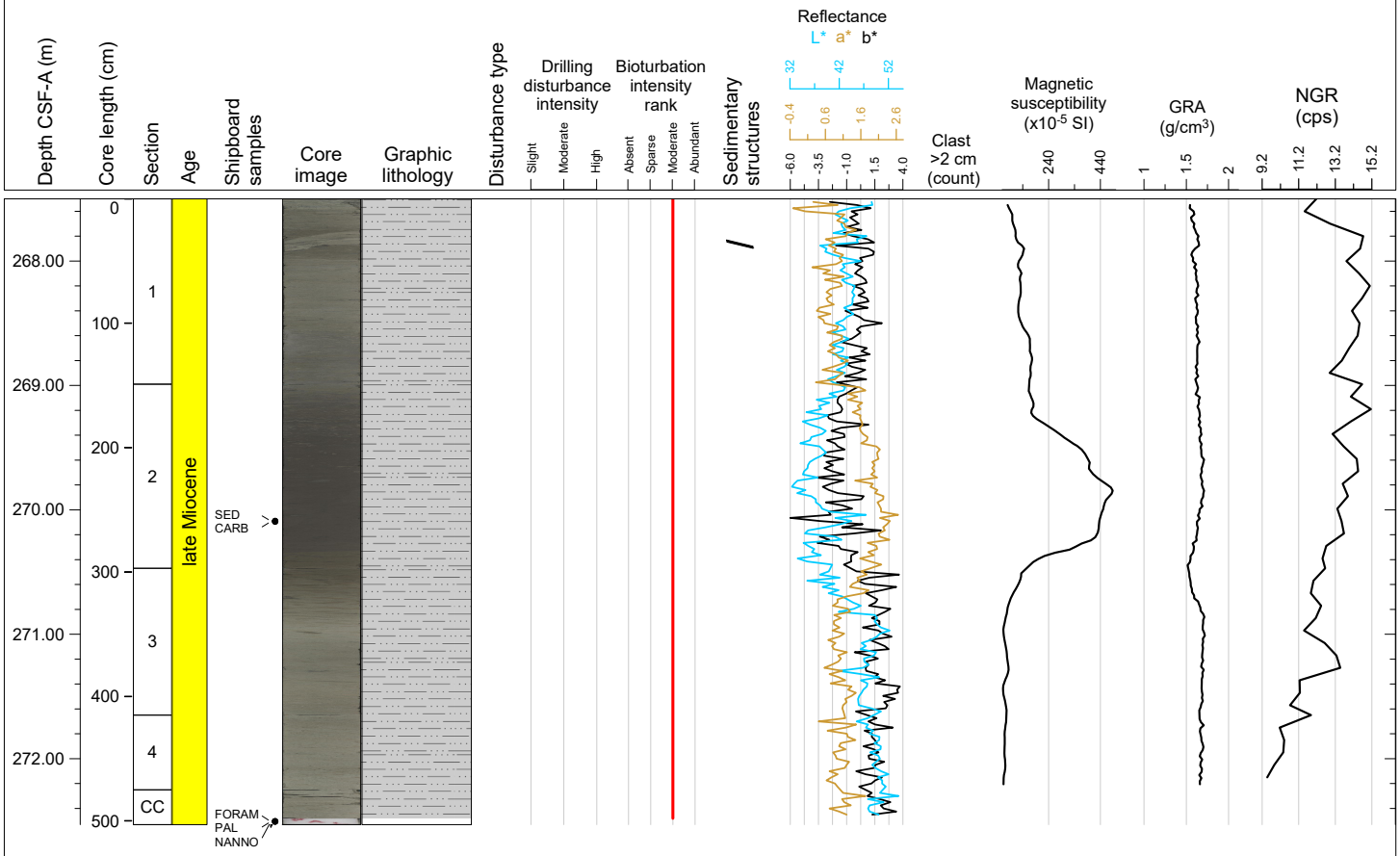
Hole 395-U1562C Core 46F, Interval 262.8-267.9 m (CSF-A)

This core consists of greenish gray (10Y 6/1) and dark greenish gray (10Y 4/1) NANNOFOSSIL CHALK with SILTY CLAY and BIOSILICA. Bioturbation is moderate to abundant. Drilling disturbance is moderately soupy in Section 1, 0-7 cm.



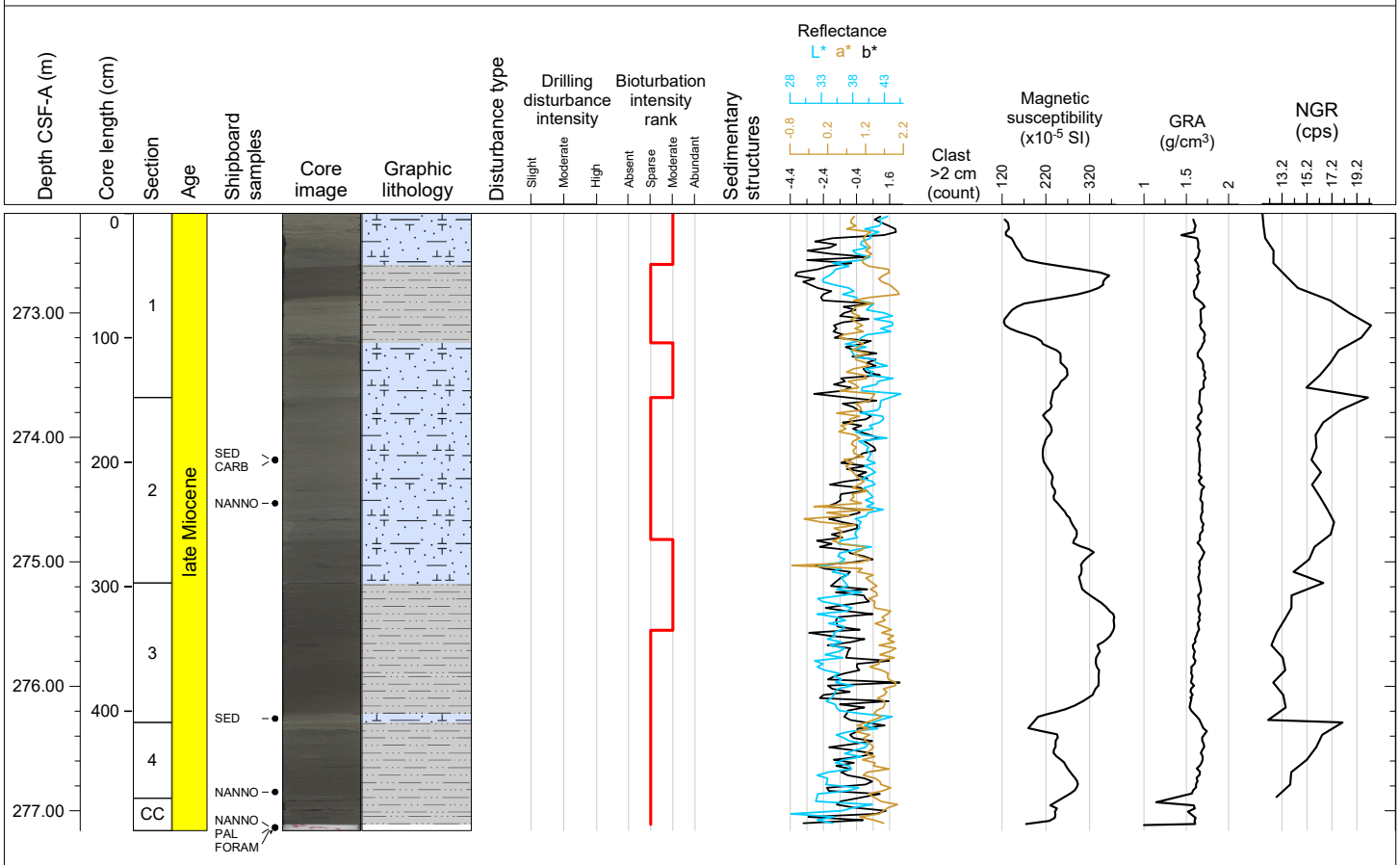
Hole 395-U1562C Core 47F, Interval 267.5-272.53 m (CSF-A)

This core consists of greenish gray (10Y 6/1) and dark olive gray (5Y 3/2) SILTY CLAY with BIOGENICS. Bioturbation is moderate.



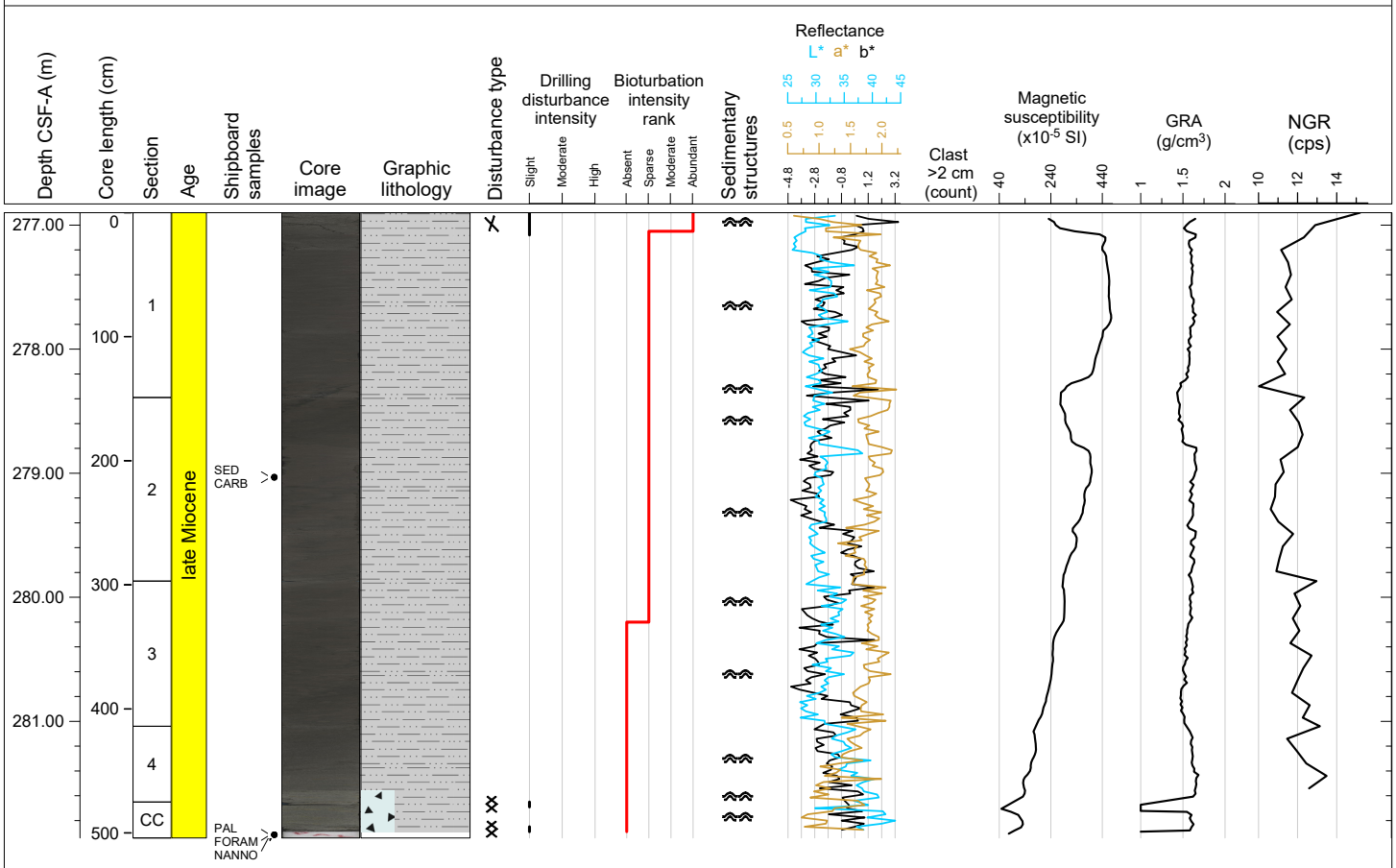
Hole 395-U1562C Core 48F, Interval 272.2-277.16 m (CSF-A)

This core consists of black (5Y 2.5/1) and very dark grayish brown (2.5Y 3/2) NANNOFOSSIL and SILTY CLAY with BIOGENICS. Bioturbation is sparse to moderate.



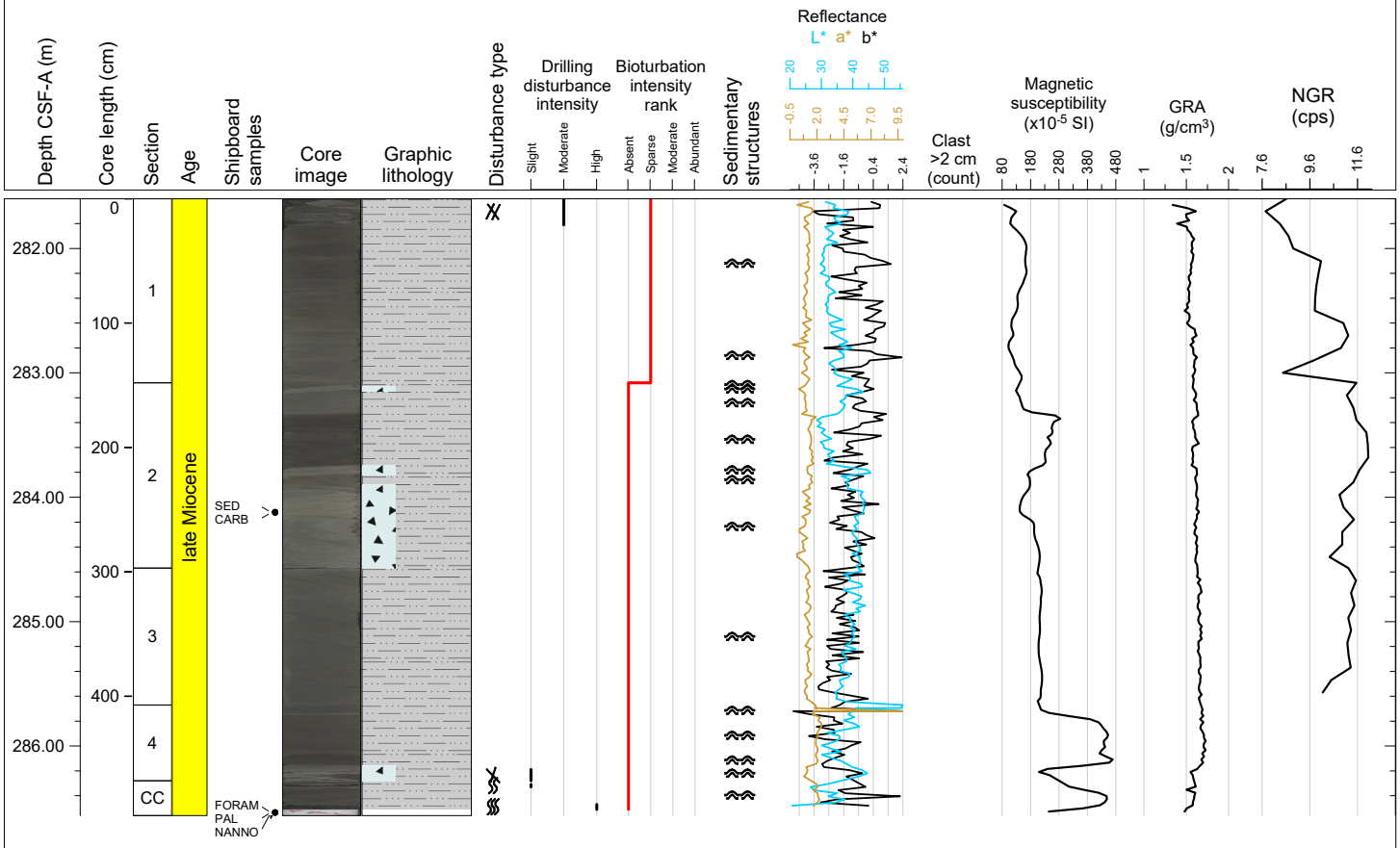
Hole 395-U1562C Core 49F, Interval 276.9-281.94 m (CSF-A)

This core consists of greenish gray (10Y 5/1) and very dark gray (2.5Y 3/1) SILTY CLAY or CARBONATE SILTY CLAY. Bioturbation is sparse to absent. All of this core contains soft sediment deformation features.



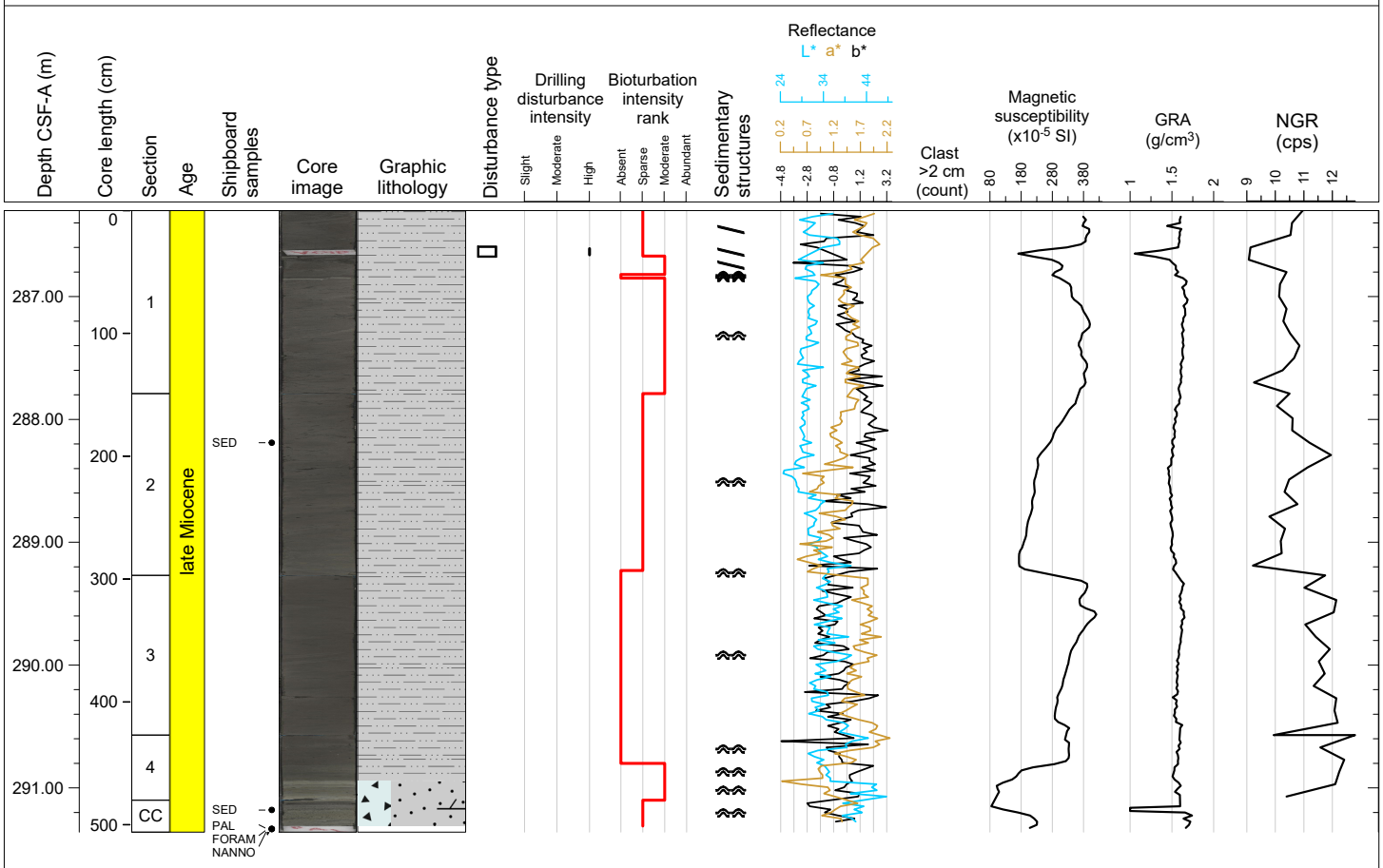
Hole 395-U1562C Core 50F, Interval 281.6-286.56 m (CSF-A)

This core consists of black (5Y 2.5/1) and greenish gray (5Y 5/1) SILTY CLAY, CARBONATE SILTY CLAY and SILTY CLAY with CARBONATE. Bioturbation is sparse to moderate. Soft sediment deformation structures are common.



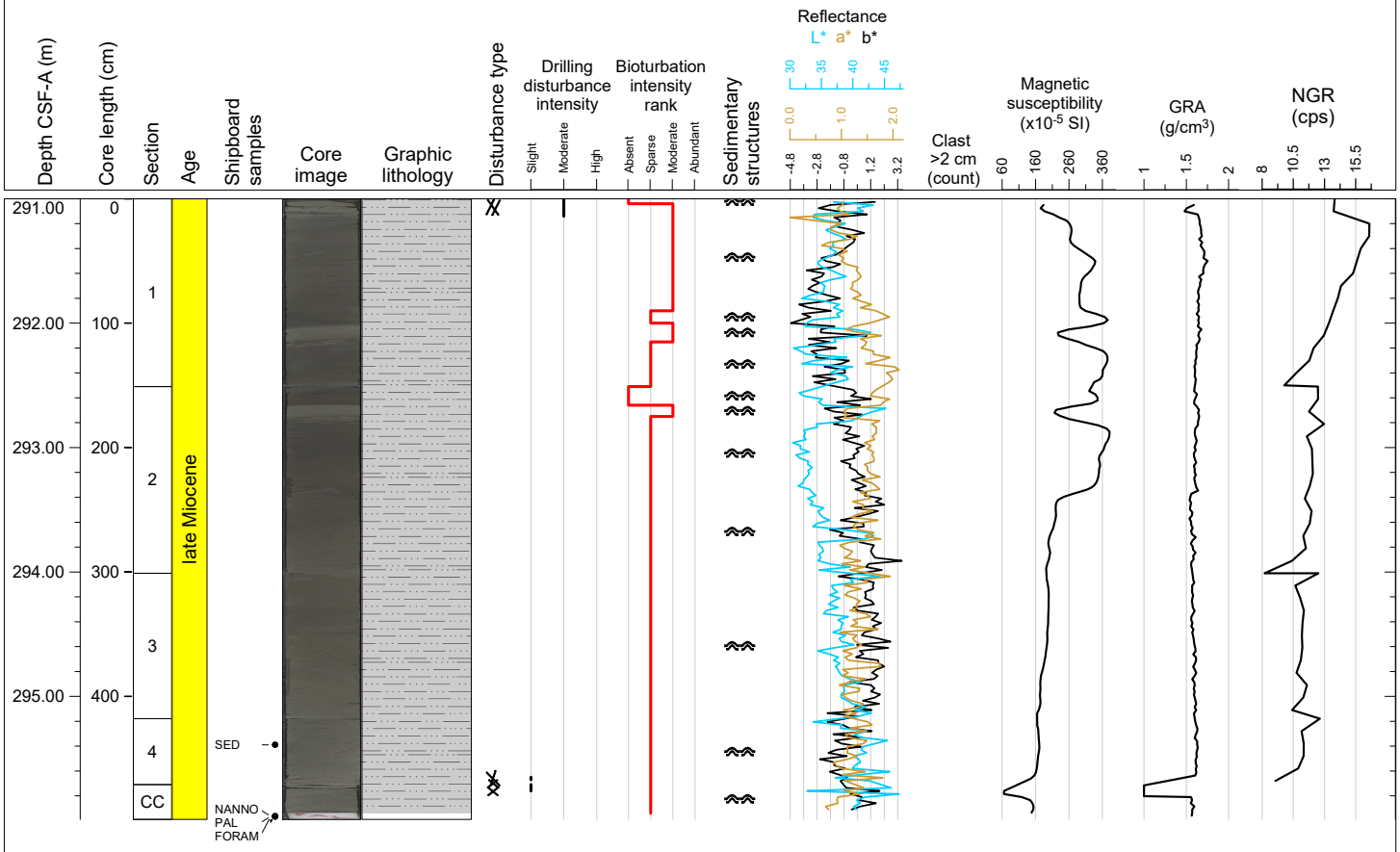
Hole 395-U1562C Core 51F, Interval 286.3-291.36 m (CSF-A)

This core consists of black (5Y 2.5/1) and greenish gray (10Y 6/1) SILTY CLAY and SILTY CLAY with BIOGENICS. Bioturbation is moderate to absent. Soft sediment deformation structures are common from Section 1, 52 cm to the base of CC. There are sharp boundaries in the upper half of Section 1. Drilling disturbance is severe void in Section 1, 31-36 cm.



Hole 395-U1562C Core 52F, Interval 291.0-295.99 m (CSF-A)

This core consists of very dark gray (5Y 3/1) and greenish gray (10Y 5/1) SILTY CLAY and SILTY CLAY with BIOGENICS. Bioturbation is moderate to absent. Soft sediment deformation structures are common throughout. The core is moderately fragmented in Section 1, 0-14 cm and Section CC at 0-9 cm.



Hole 395-U1562C Core 53F, Interval 295.7-300.73 m (CSF-A)

This core consists of very black (5Y 2.5/1) and dark greenish gray (10Y 4/1) SILTY CLAY and SILTY CLAY with CARBONATE. Bioturbation is absent to sparse. Soft sediment deformation features are present in Sections 1, 2, 3 and 4. The core is moderately fragmented in CC, 0-9 cm.