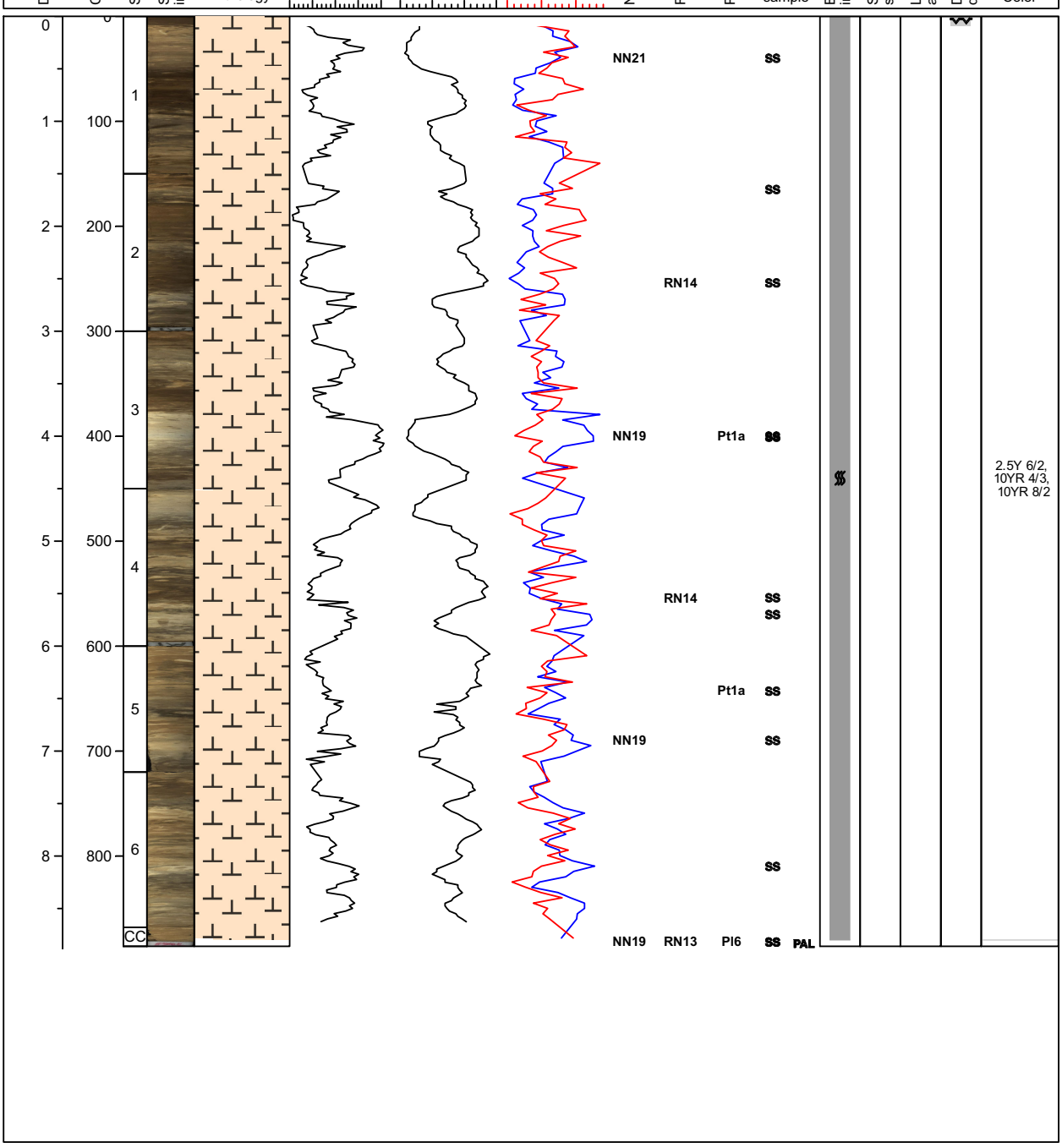
Core Photo

Hole 320-U1335A Core 1H, Interval 0.0-8.86 m (CSF-A)

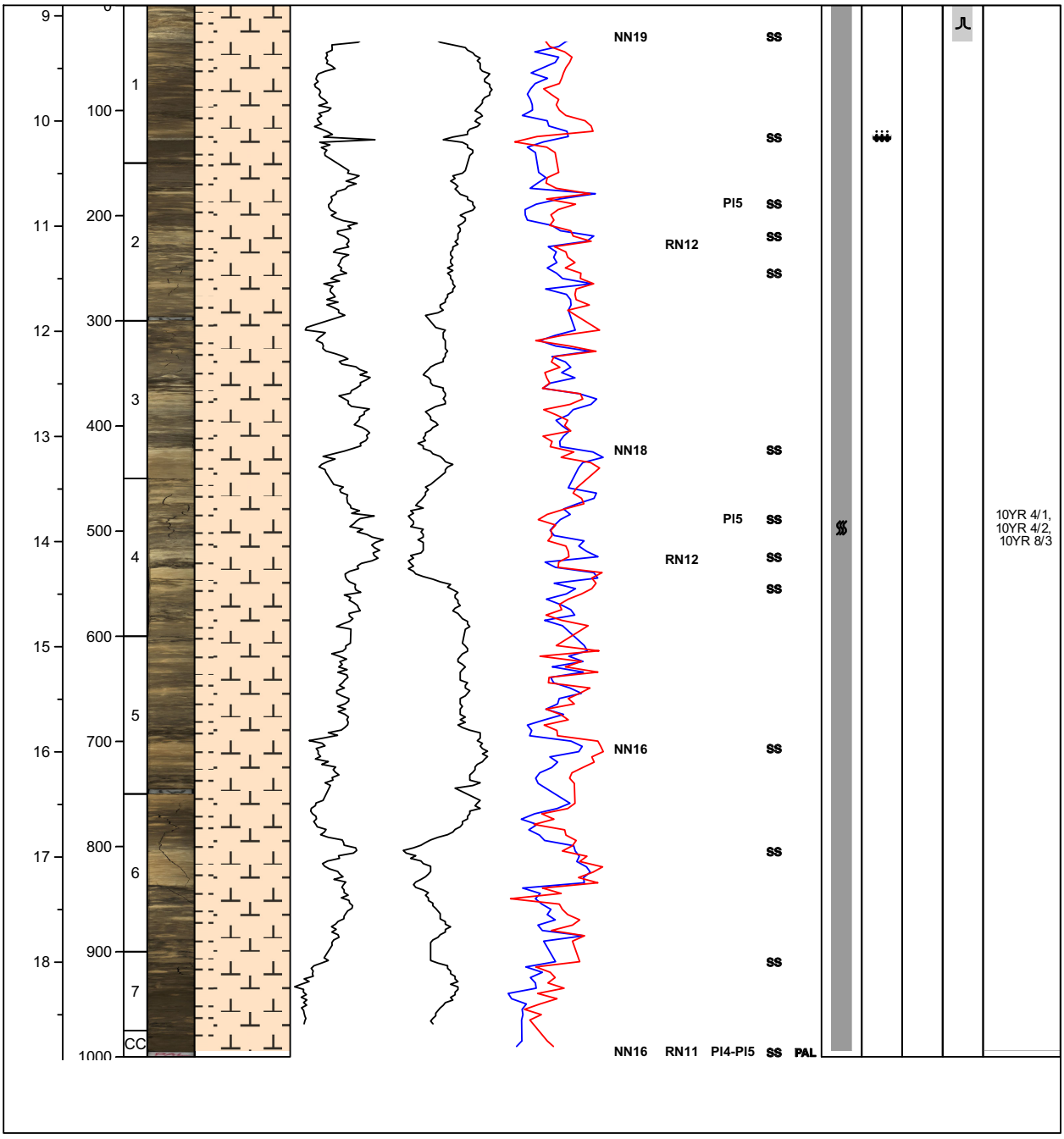
Major lithology: Diatom nannofossil ooze; diatom nannofossil ooze with foraminifers; foraminifer nannofossil ooze. Alternation of light brownish gray diatom nannofossil ooze with foraminifers, brown diatom nannofossil ooze, and very pale brown foraminifer nannofossil ooze.



Core Photo

Hole 320-U1335A Core 2H, Interval 8.9-18.9 m (CSF-A)

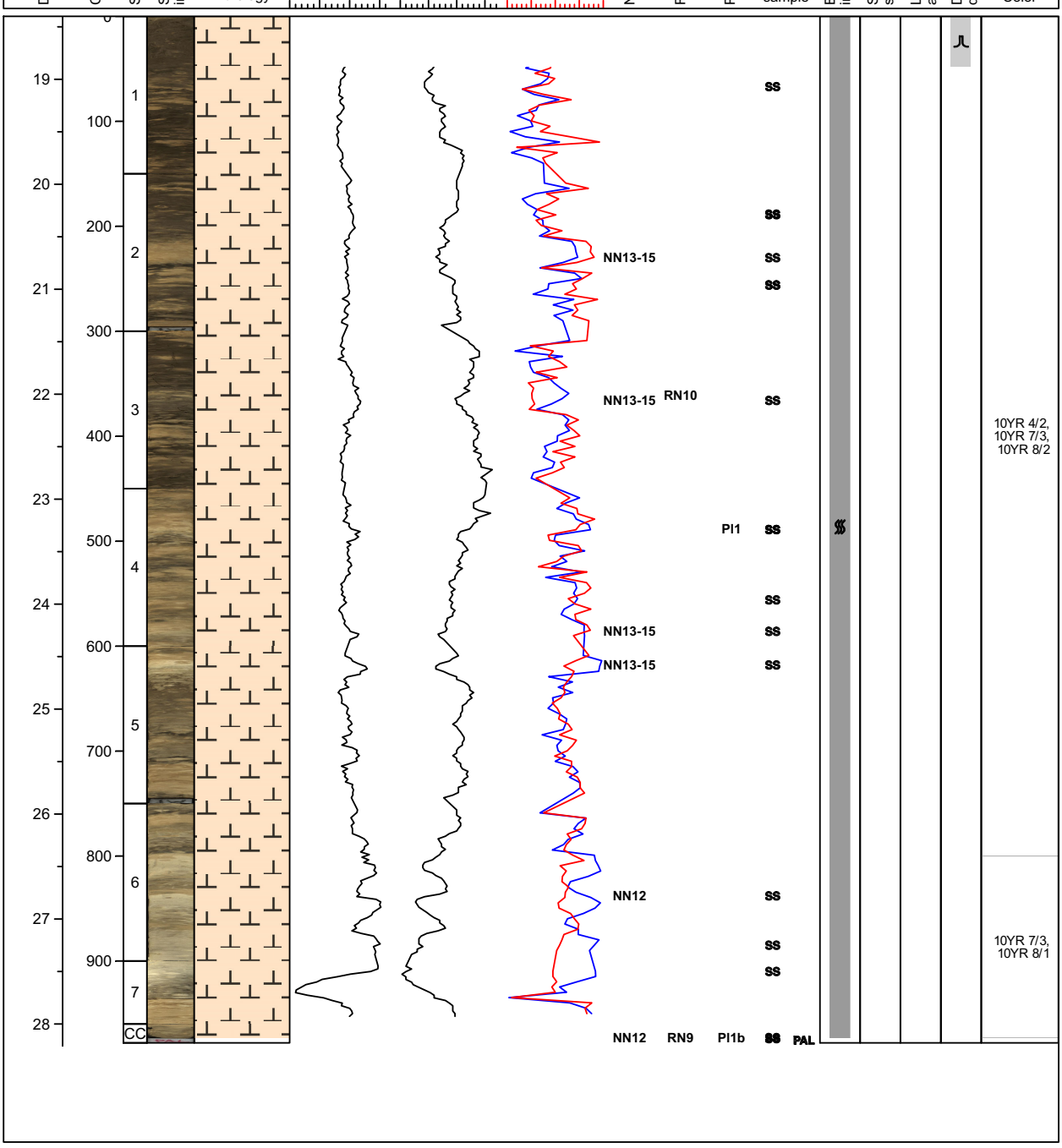
Major lithology: Nannofossil ooze with diatoms and foraminifers; nannofossil ooze with clay and diatoms; clayey nannofossil ooze with foraminifers and diatoms. Alternating layers of very pale brown nannofossil ooze with diatoms and foraminifers, dark grayish brown nannofossil ooze with clay and diatoms and dark gray clayey nannofossil ooze with foraminifers and diatoms.



Core Photo

Hole 320-U1335A Core 3H, Interval 18.4-28.18 m (CSF-A)

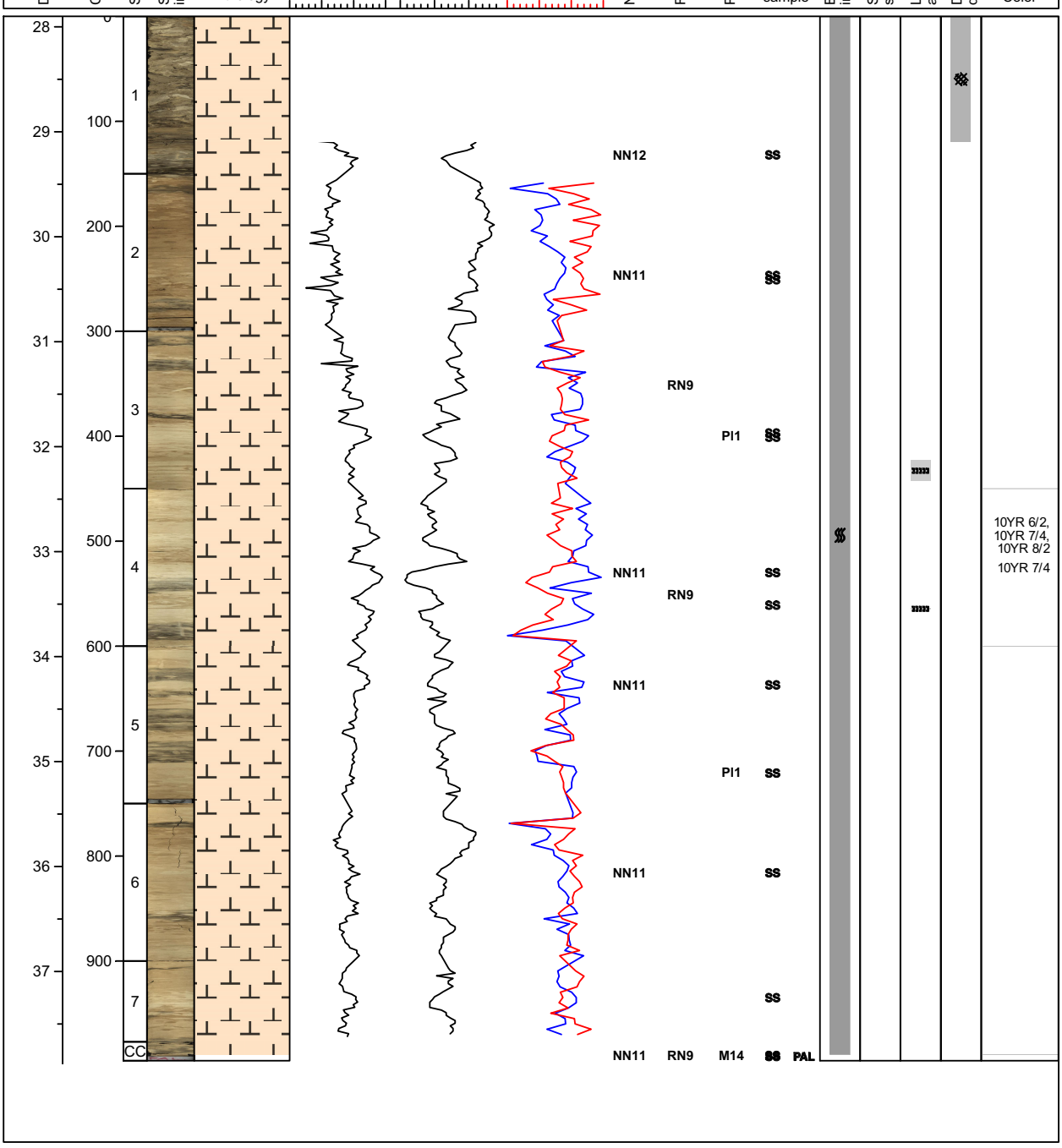
Major lithology: Nannofossil ooze; nannofossil ooze with diatoms; nannofossil ooze with clay and diatoms. Alternations of very pale brown nannofossil ooze with very pale brown nannofossil ooze with diatoms and dark grayish brown nannofossil ooze with clay and diatoms overlying a lighter colored alternation of white nannofossil ooze and very pale brown nannofossil ooze with diatoms.



Core Photo

Hole 320-U1335A Core 4H, Interval 27.9-37.85 m (CSF-A)

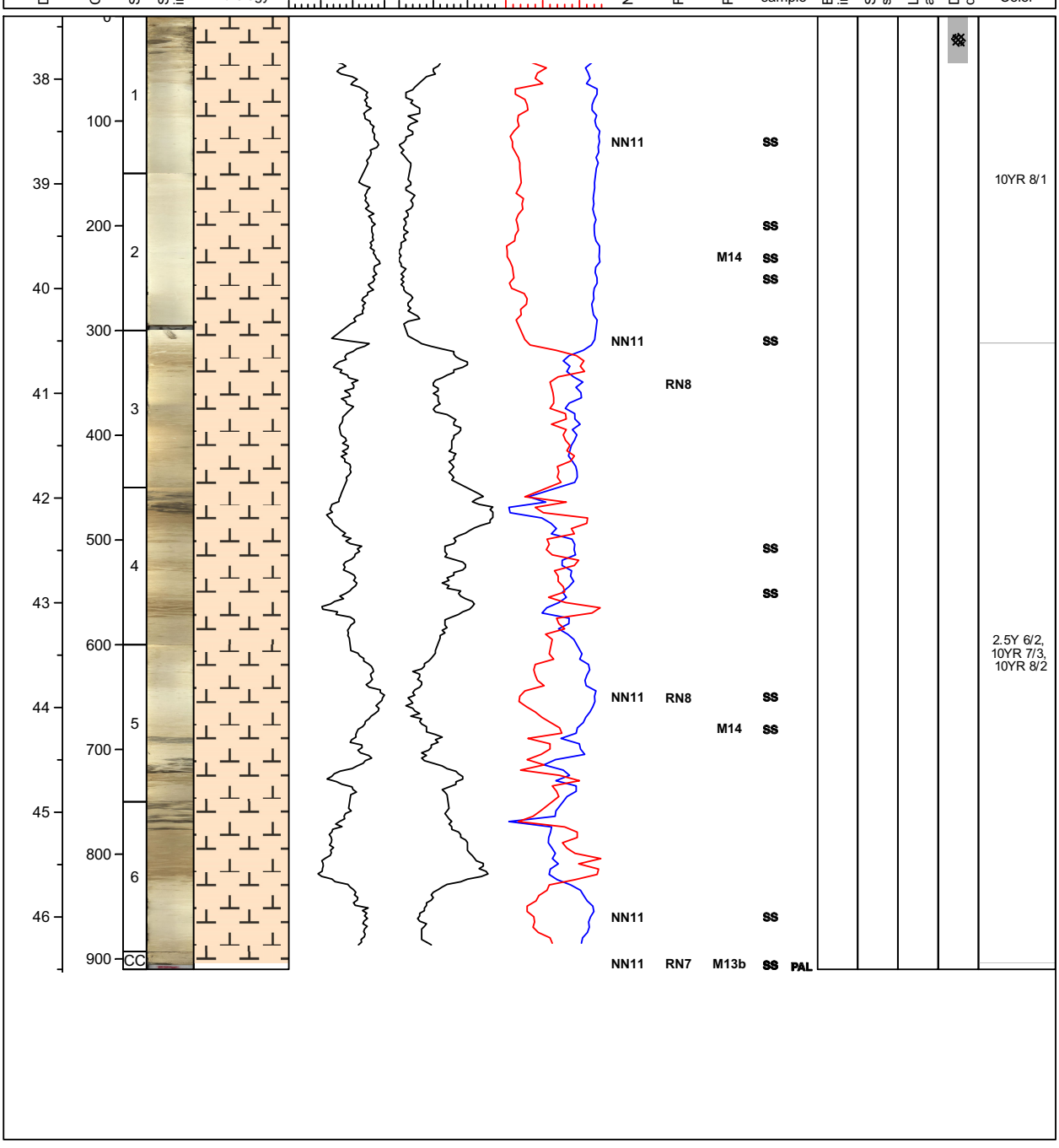
Major lithology: Nannofossil ooze; nannofossil ooze with diatoms; nannofossil ooze with clay and diatoms. Alternations of very pale brown nannofossil ooze with very pale brown nannofossil ooze with diatoms and dark grayish brown nannofossil ooze with clay and diatoms overlying a lighter colored alternation of white nannofossil ooze and very pale brown nannofossil ooze with diatoms.



Core Photo

Hole 320-U1335A Core 5H, Interval 37.4-46.5 m (CSF-A)

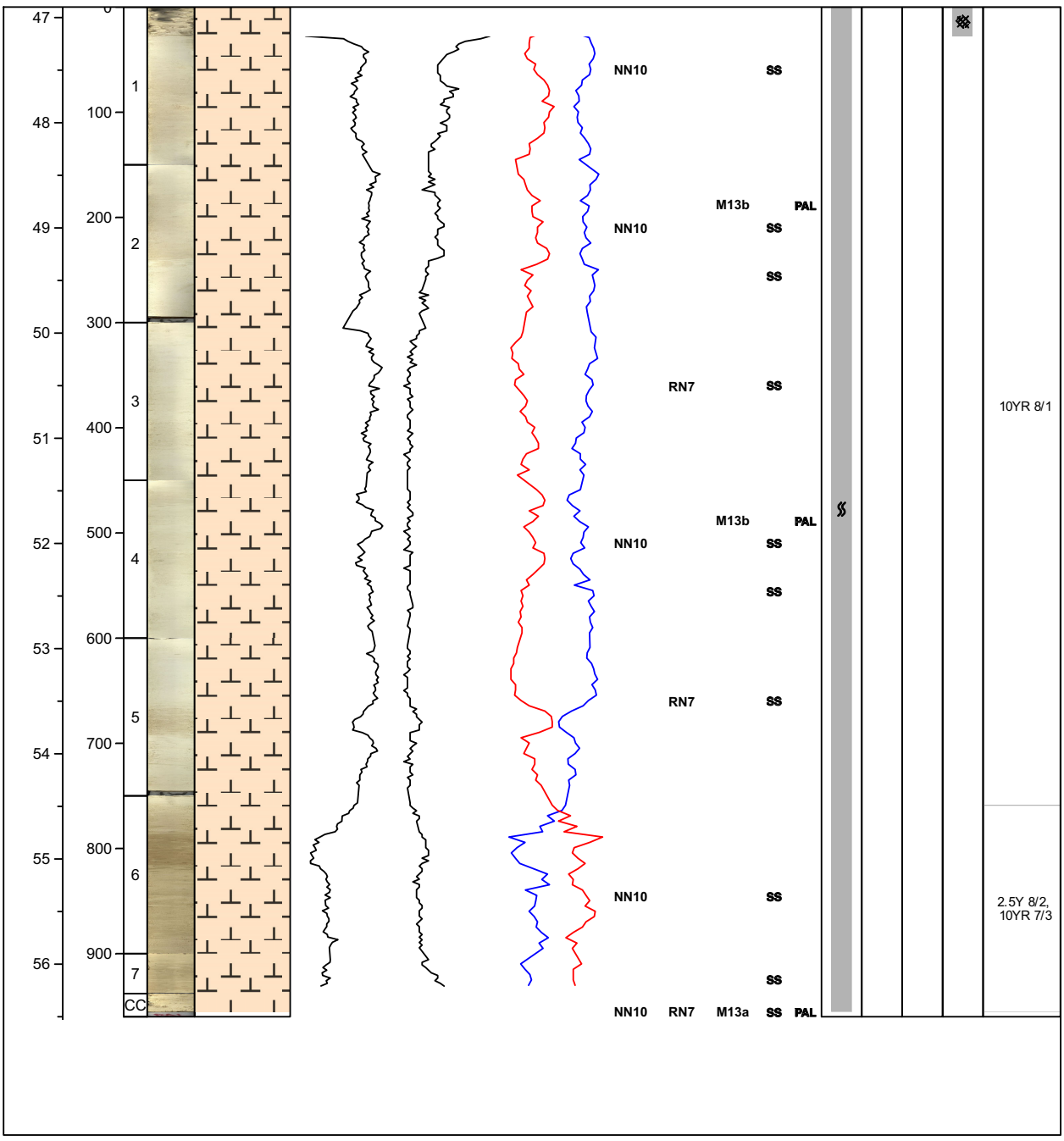
Major lithology: Nannofossil ooze; nannofossil ooze with diatoms. White nannofossil ooze overlying alternations of very pale brown nannofossil ooze with very pale brown nannofossil ooze with diatoms and light brownish gray nannofossil ooze with diatoms.



Core Photo

Hole 320-U1335A Core 6H, Interval 46.9-56.5 m (CSF-A)

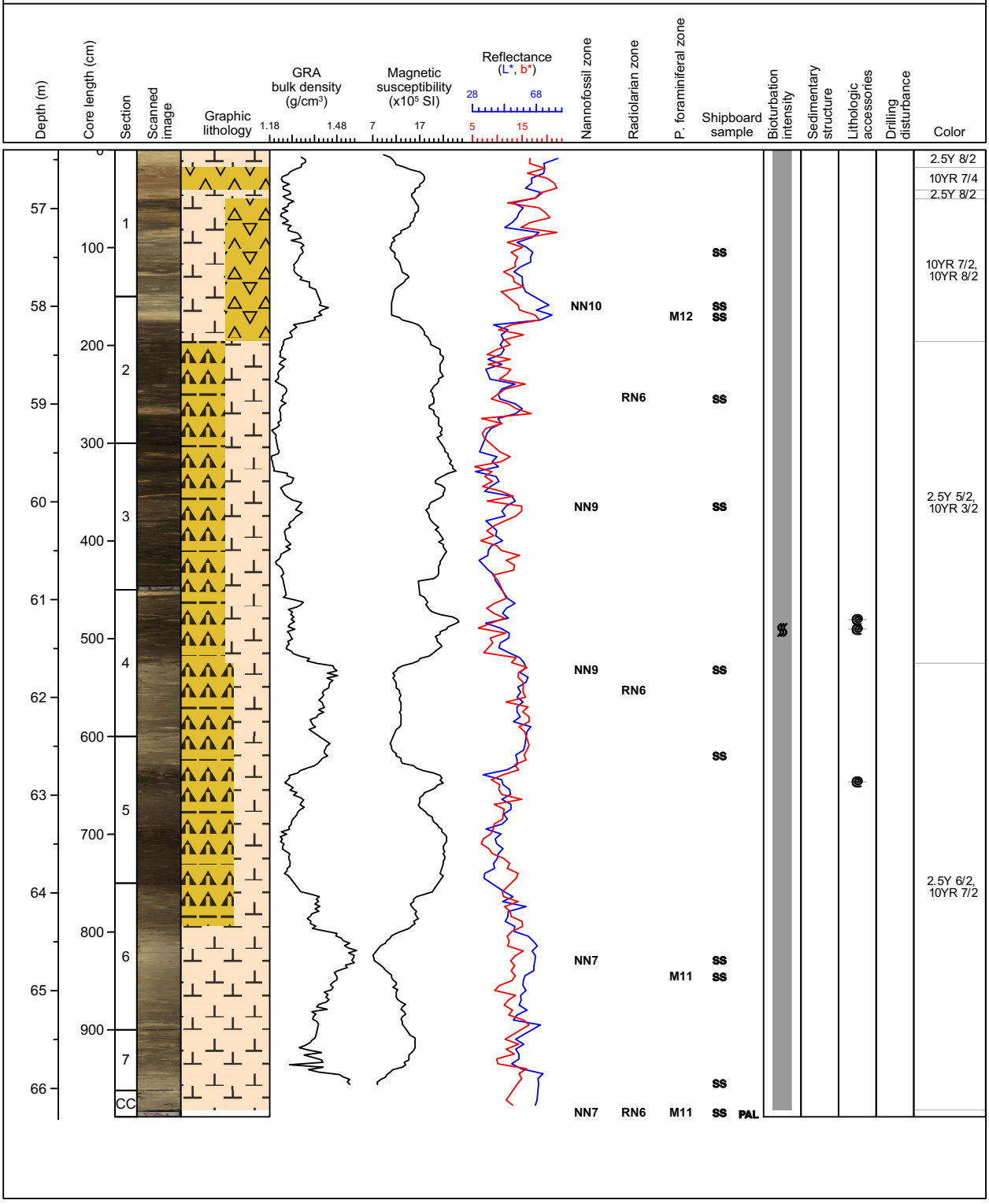
Major lithology: Nannofossil ooze. White nannofossil ooze overlying alternations of very pale brown and pale yellow nannofossil ooze.



Core Photo

Hole 320-U1335A Core 7H, Interval 56.4-66.29 m (CSF-A)

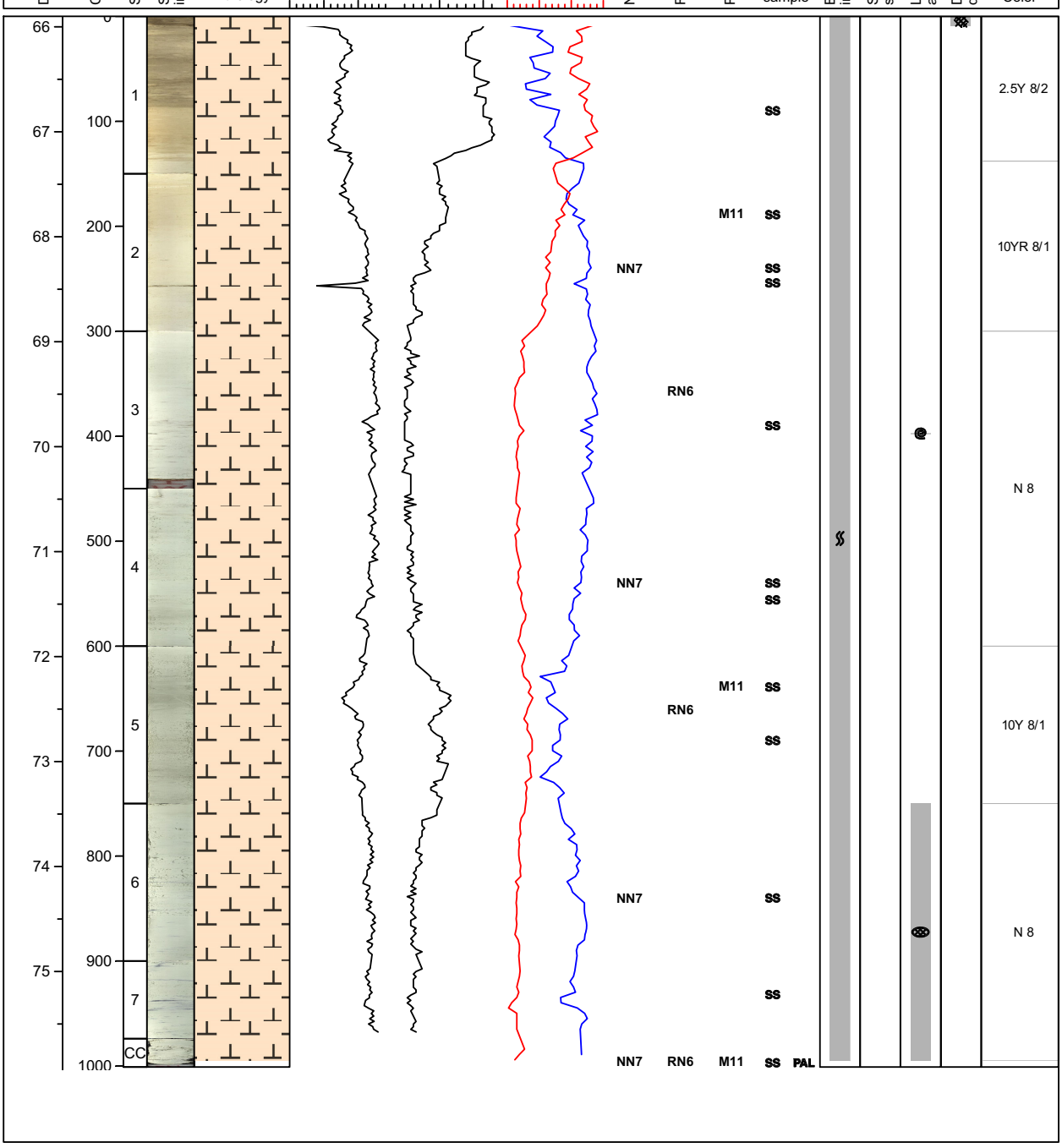
Major lithology: Nannofossil ooze with diatoms; radiolarian nannofossil ooze; radiolarian diatom ooze with clay and nannofossils; clayey radiolarian ooze with diatoms, clayey radiolarian ooze with nannofossils and diatoms. Alternating sequence of very pale brown nannofossil ooze and light brownish gray nannofossil ooze with diatoms and very pale pale brown nannofossil ooze with diatoms and light gray radiolarian nannofossil ooze, grayish brown nannofossil ooze with diatoms and light gray clayey radiolarian ooze with nannofossil and diatoms as well as very dark grayish brown clayey radiolarian ooze with diatoms and grayish brown nannofossil ooze with diatoms.



Core Photo

Hole 320-U1335A Core 8H, Interval 65.9-75.91 m (CSF-A)

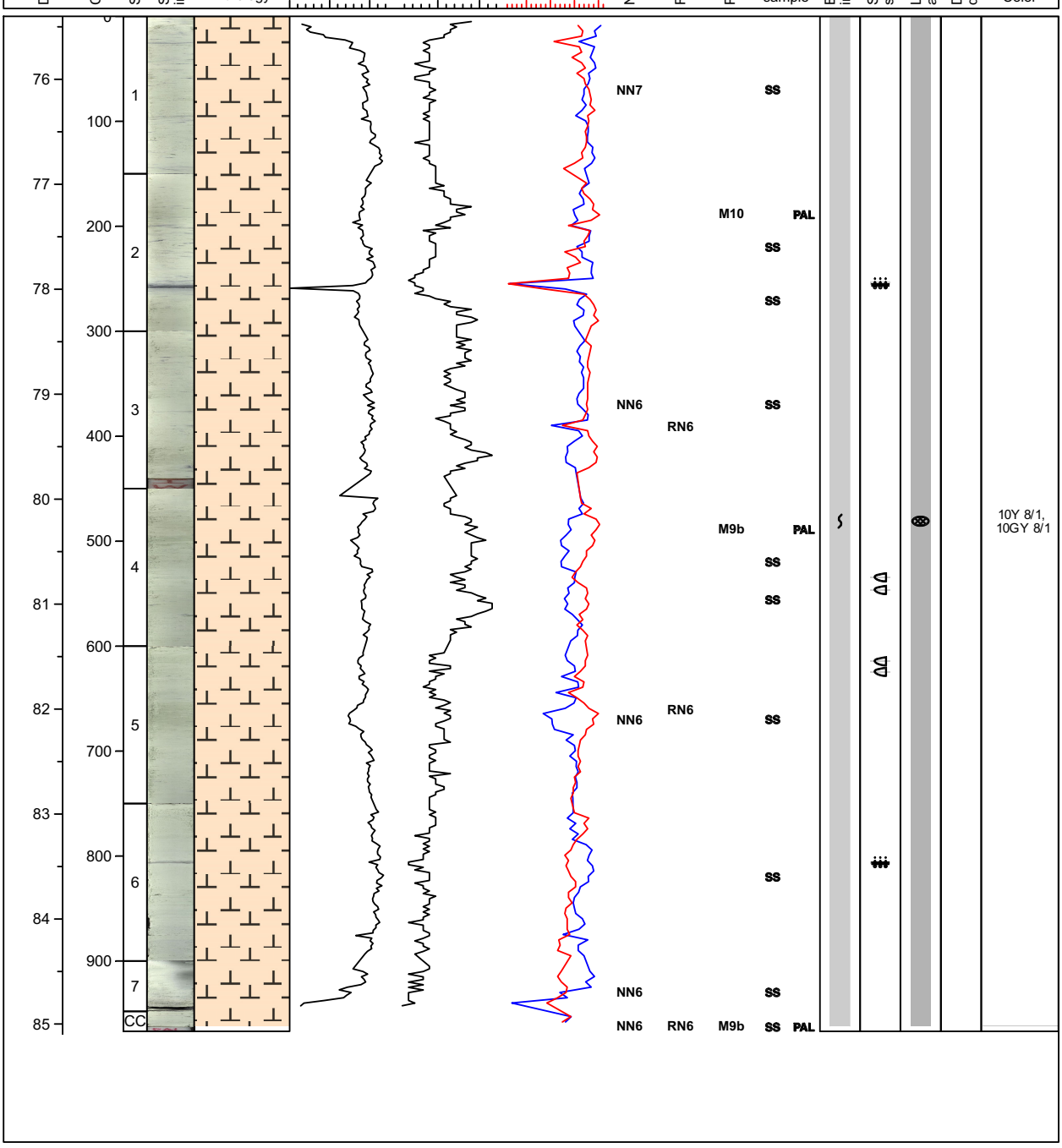
Major lithology: Nannofossil ooze; nannofossil ooze with diatoms. Very pale yellow nannofossil ooze gives way to white nannofossil ooze downcore. The white nannofossil ooze is interrupted by an interval of light greenish gray nannofossil ooze with diatoms.



Core Photo

Hole 320-U1335A Core 9H, Interval 75.4-85.07 m (CSF-A)

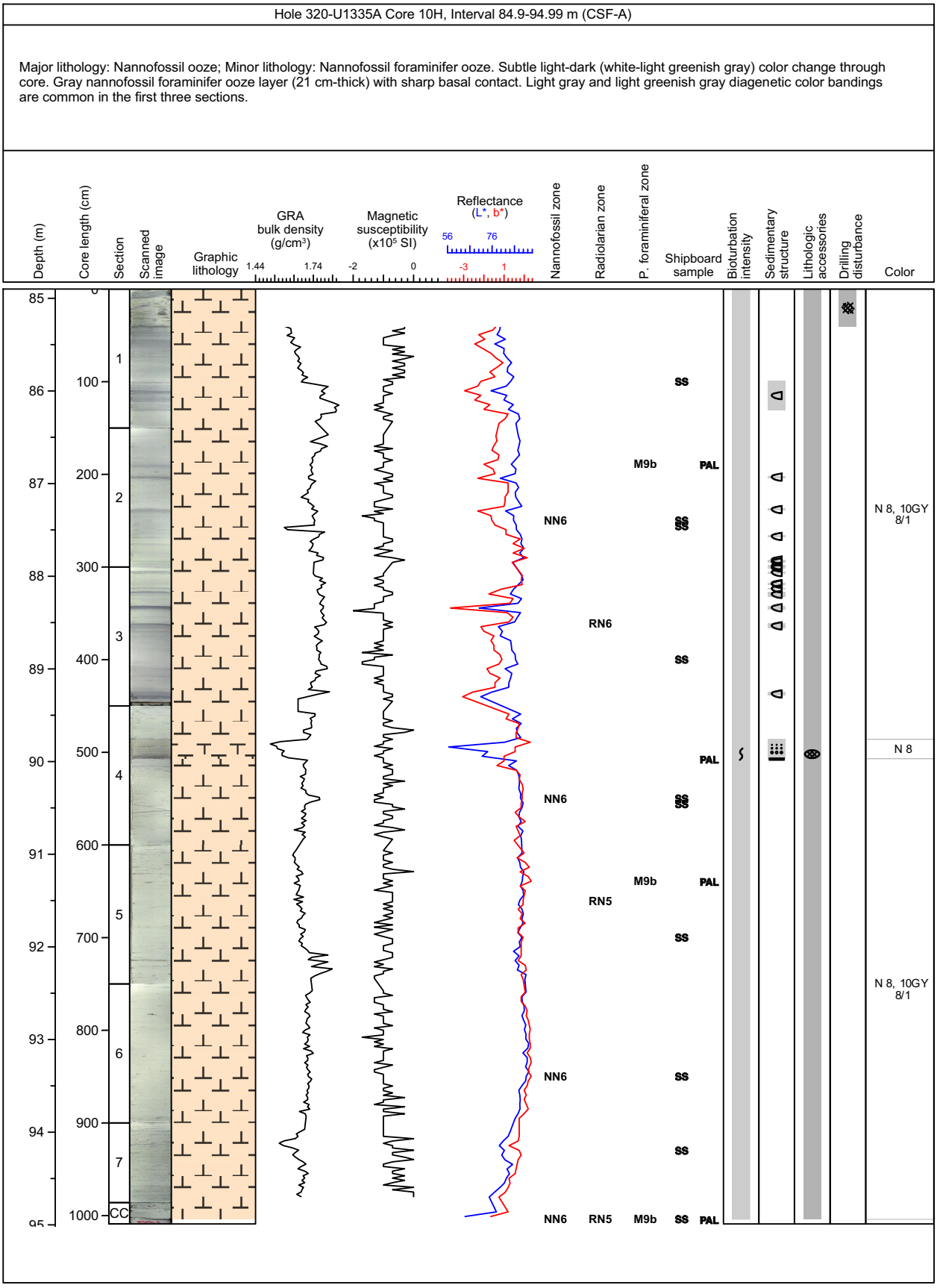
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Subtle light-dark (white-light greenish gray) color change throughout core. Two gray nannofossil foraminifer ooze layers (2 cm-thick) with sharp basal contact.



Core Photo

Hole 320-U1335A Core 10H, Interval 84.9-94.99 m (CSF-A)

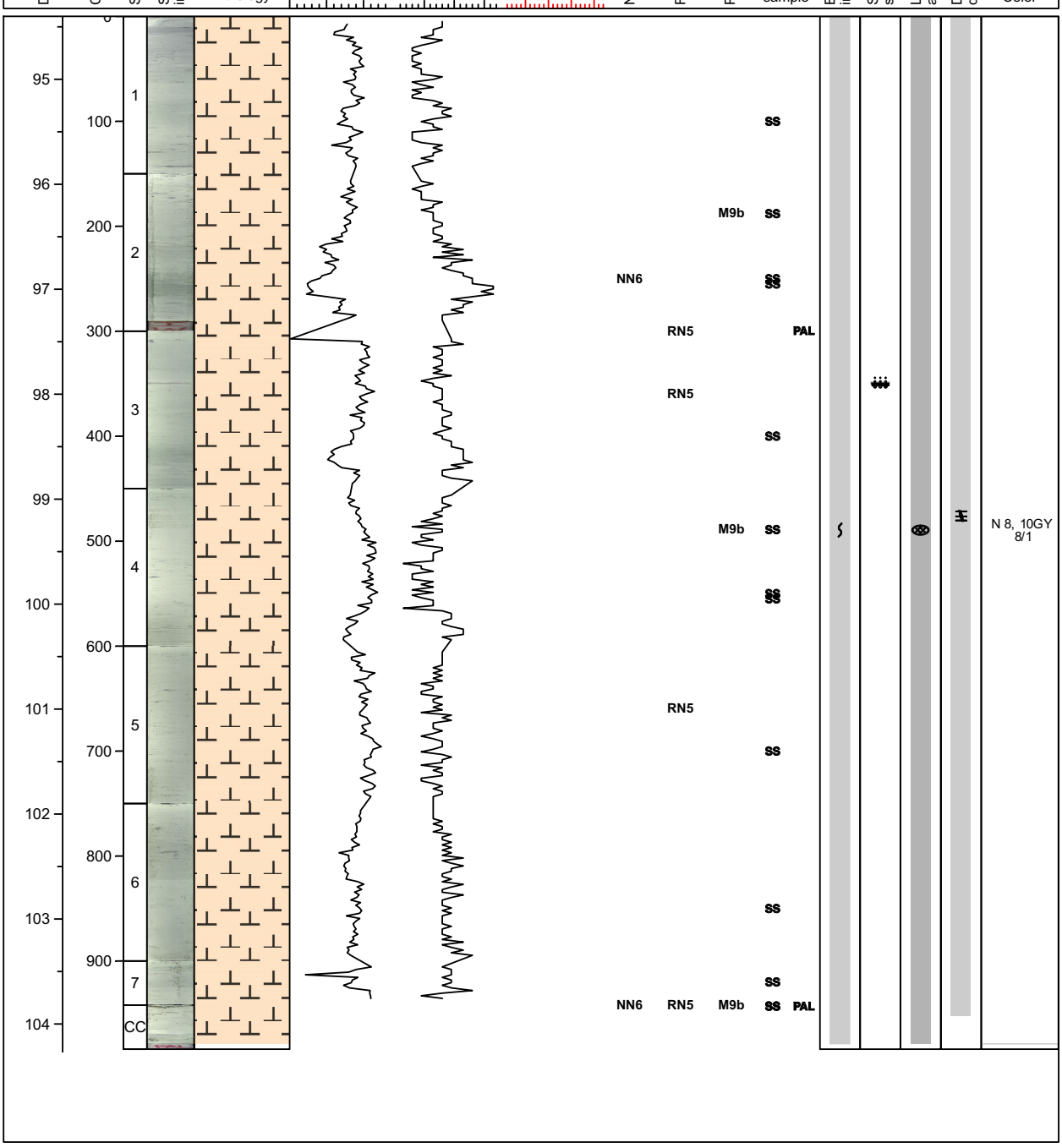
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Subtle light-dark (white-light greenish gray) color change through core. Gray nannofossil foraminifer ooze layer (21 cm-thick) with sharp basal contact. Light gray and light greenish gray diagenetic color bandings are common in the first three sections.



Core Photo

Hole 320-U1335A Core 11H, Interval 94.4-104.24 m (CSF-A)

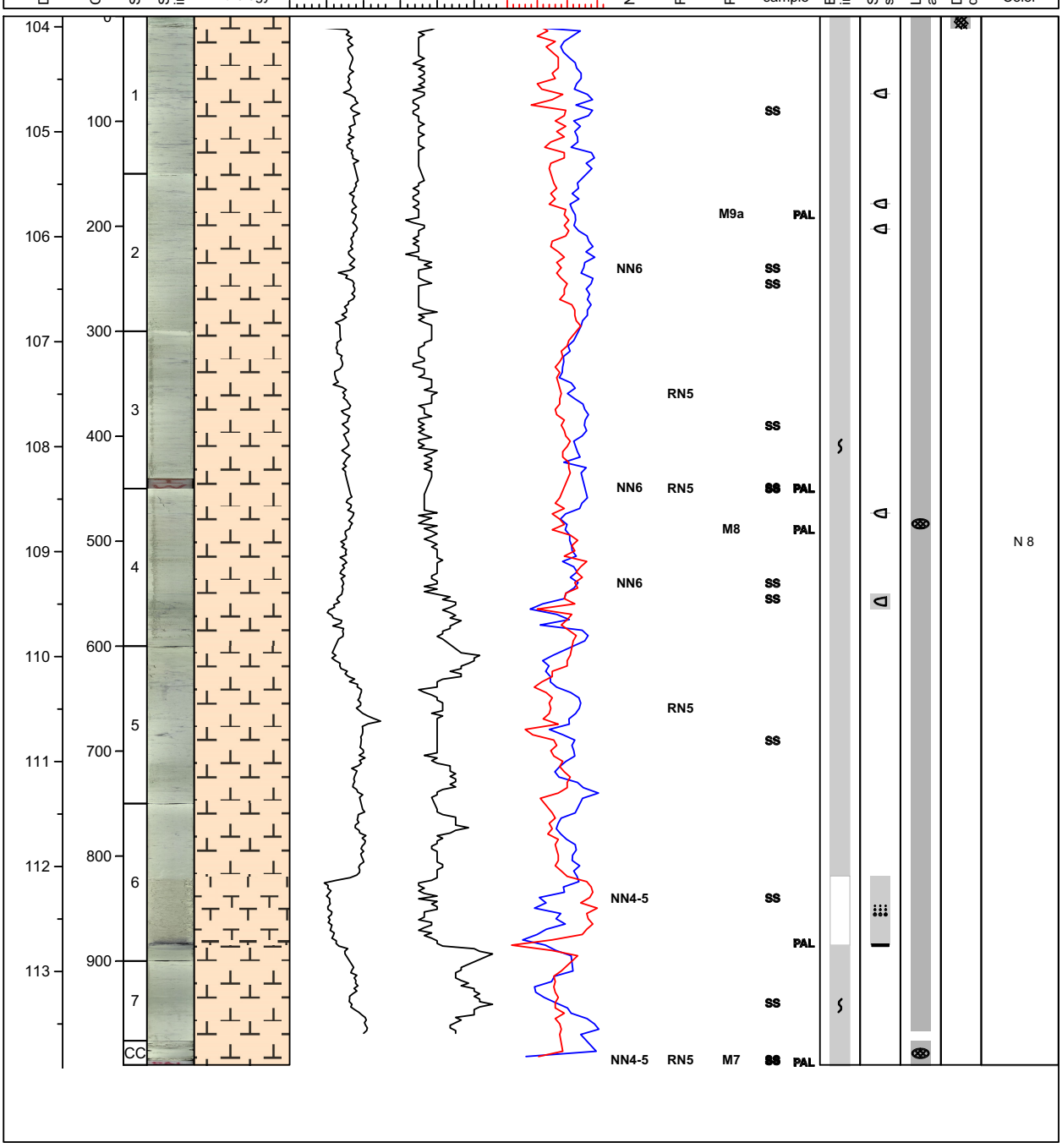
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Subtle light-dark (white-light greenish gray) color change through core. Light gray nannofossil foraminifer ooze layer (2 cm-thick) with a sharp basal contact.



Core Photo

Hole 320-U1335A Core 12H, Interval 103.9-113.89 m (CSF-A)

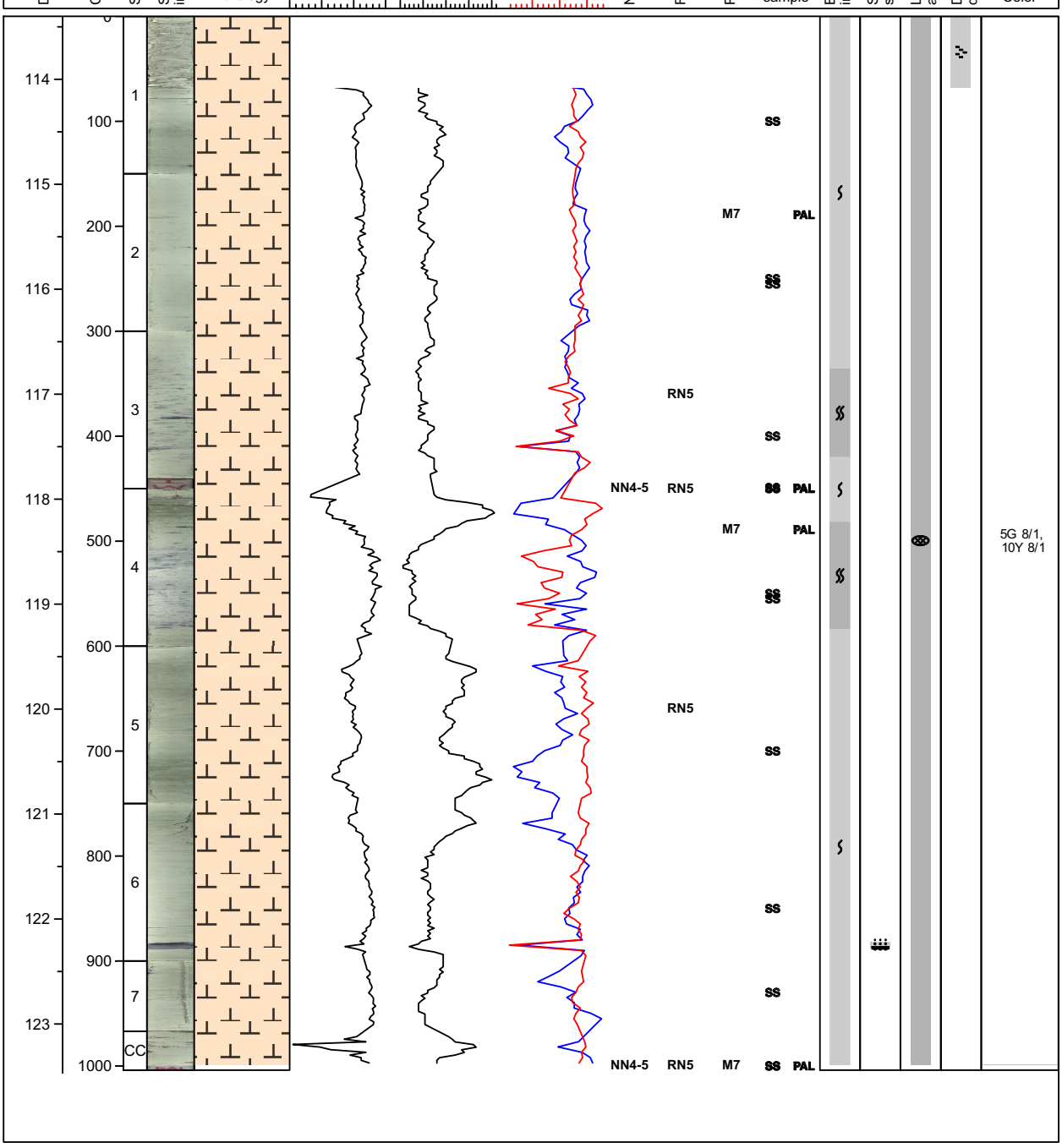
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Homogeneous white nannofossil ooze that is punctuated with a 66 cm-thick layer of white-light gray nannofossil foraminifer ooze with a sharp basal contact. Light greenish gray diagenetic color bandings are common.



Core Photo

Hole 320-U1335A Core 13H, Interval 113.4-123.44 m (CSF-A)

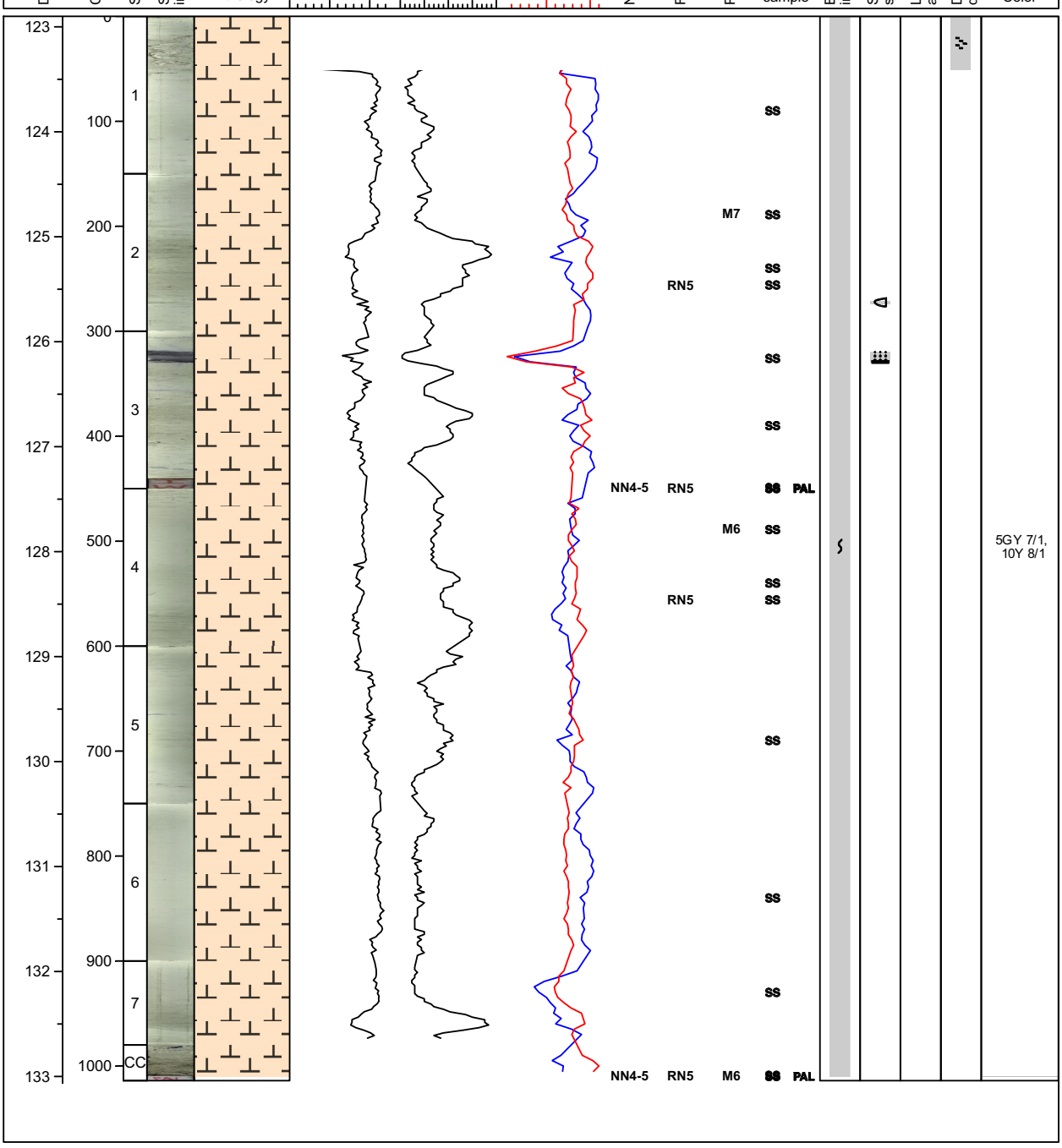
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Subtle light-dark (10Y 8/1 and 5G 8/1) color change through core. Gray nannofossil foraminifer ooze layer (5 cm-thick) with a sharp basal contact.



Core Photo

Hole 320-U1335A Core 14H, Interval 122.9-133.04 m (CSF-A)

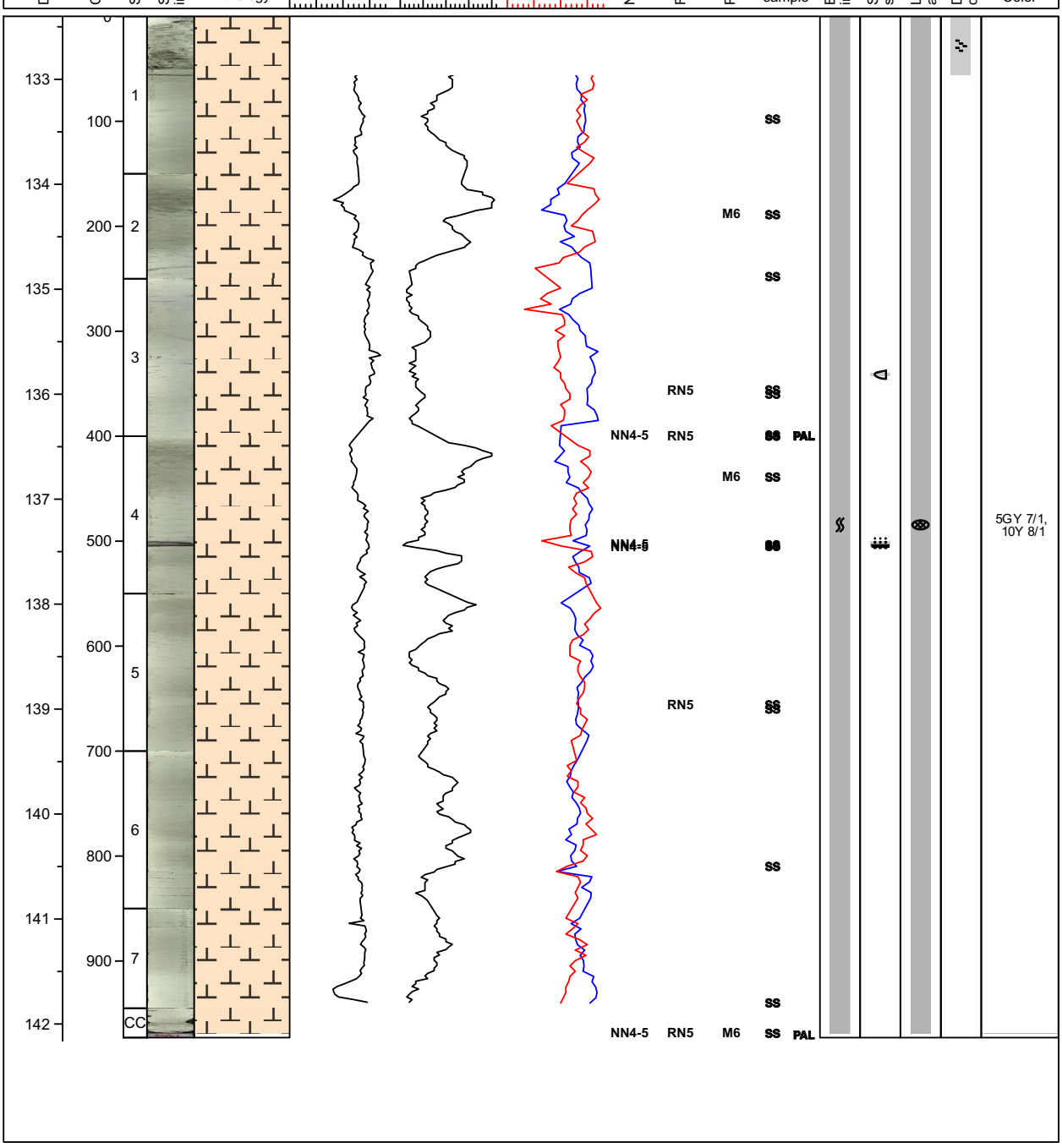
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Subtle light-dark (10Y 8/1 and 5G 8/1) color changes in white nannofossil ooze throughout core. Gray nannofossil foraminifer ooze layer (9 cm-thick) with a sharp basal contact.



Core Photo

Hole 320-U1335A Core 15H, Interval 132.4-142.13 m (CSF-A)

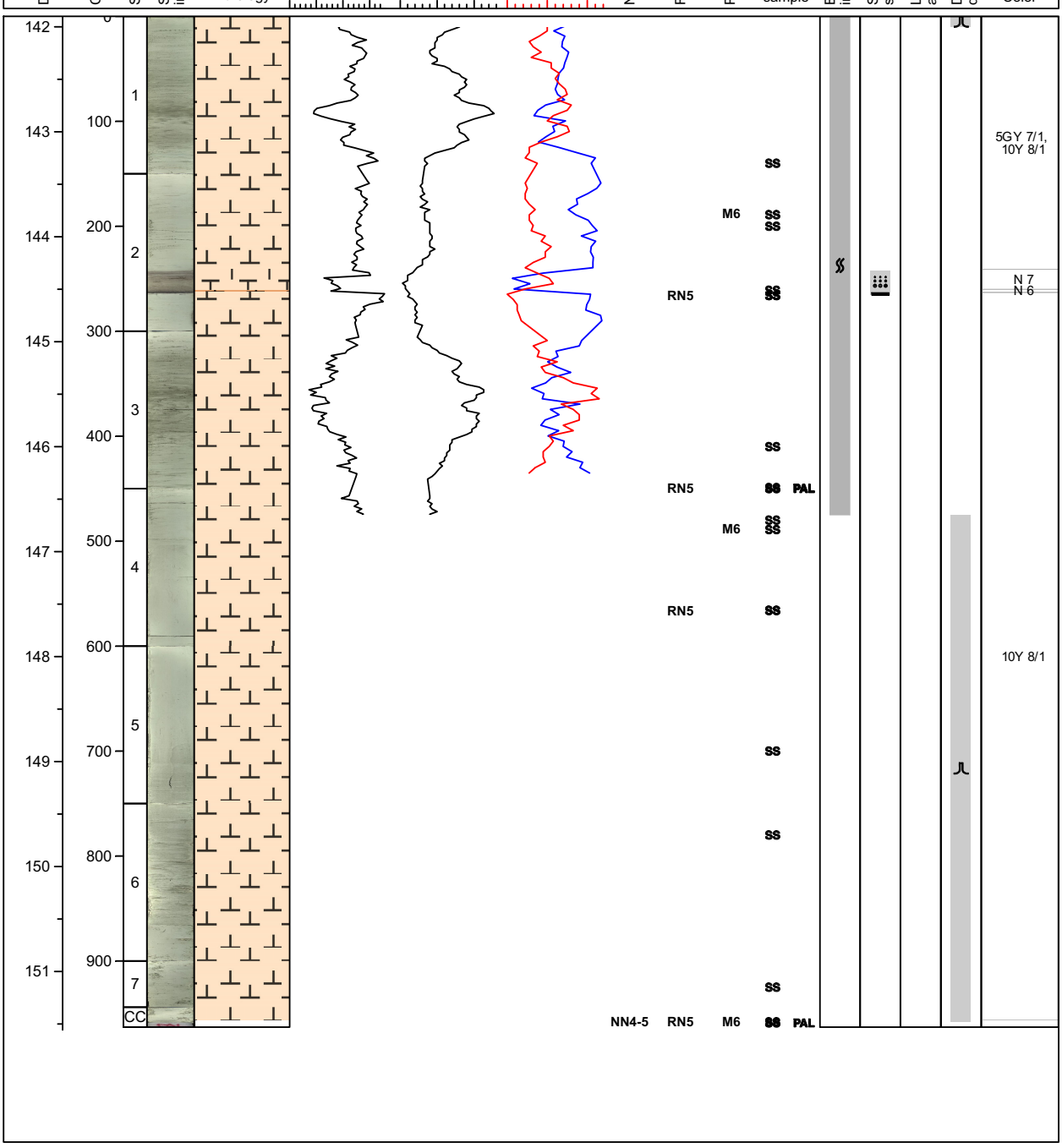
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Subtle light-dark (10Y 8/1 and 5G 8/1) color change in white nanofossil ooze throughout core. Gray nannofossil foraminifer ooze layer with a sharp basal contact.



Core Photo

Hole 320-U1335A Core 16H, Interval 141.9-151.53 m (CSF-A)

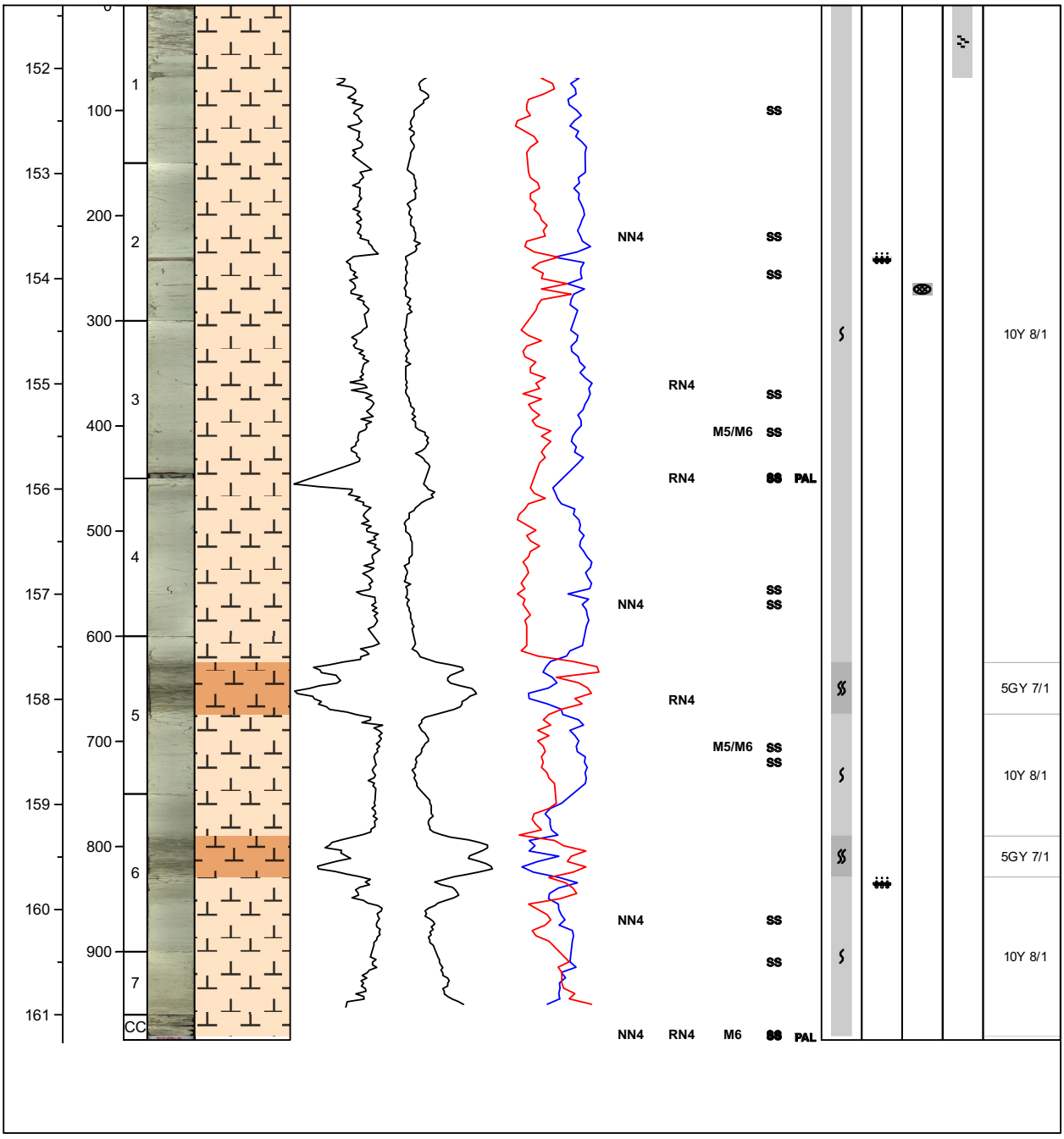
Major lithology: Nannofossil ooze with diatoms, nannofossil ooze; Minor lithologies: foraminifer nannofossil ooze; nannofossil foraminifer ooze; Alternating sequence of light gray nannofossil ooze with diatoms and white nannofossil ooze and interbedded light gray nannofossil foraminifer ooze and gray foraminifer nannofossil ooze.



Core Photo

Hole 320-U1335A Core 17H, Interval 151.4-161.24 m (CSF-A)

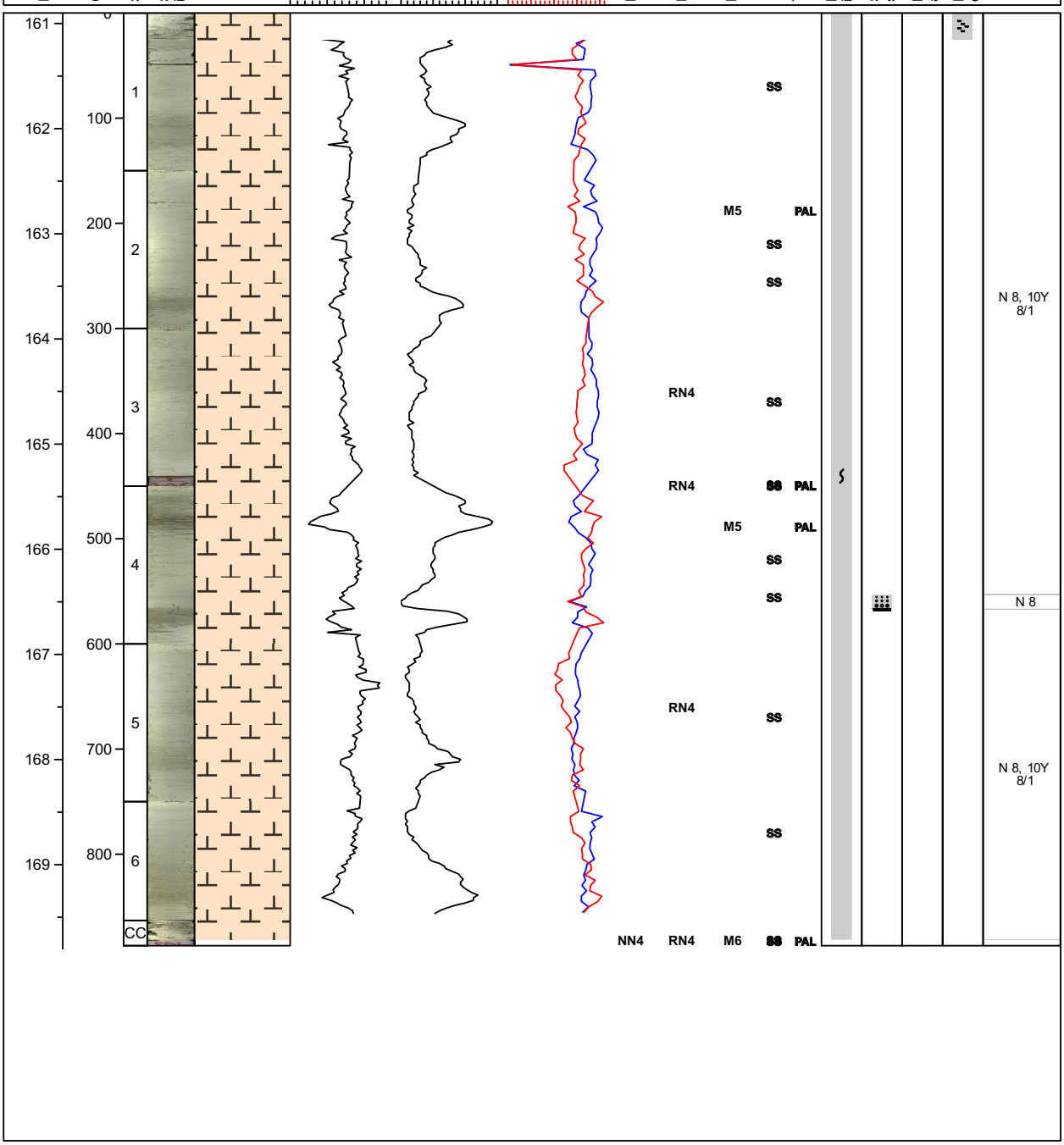
Major lithology: Nannofossil ooze; radiolarian nannofossil ooze with diatoms. Alternating sequence of white nannofossil ooze and light gray radiolarian nannofossil ooze with diatoms.



Core Photo

Hole 320-U1335A Core 18H, Interval 160.9-169.77 m (CSF-A)

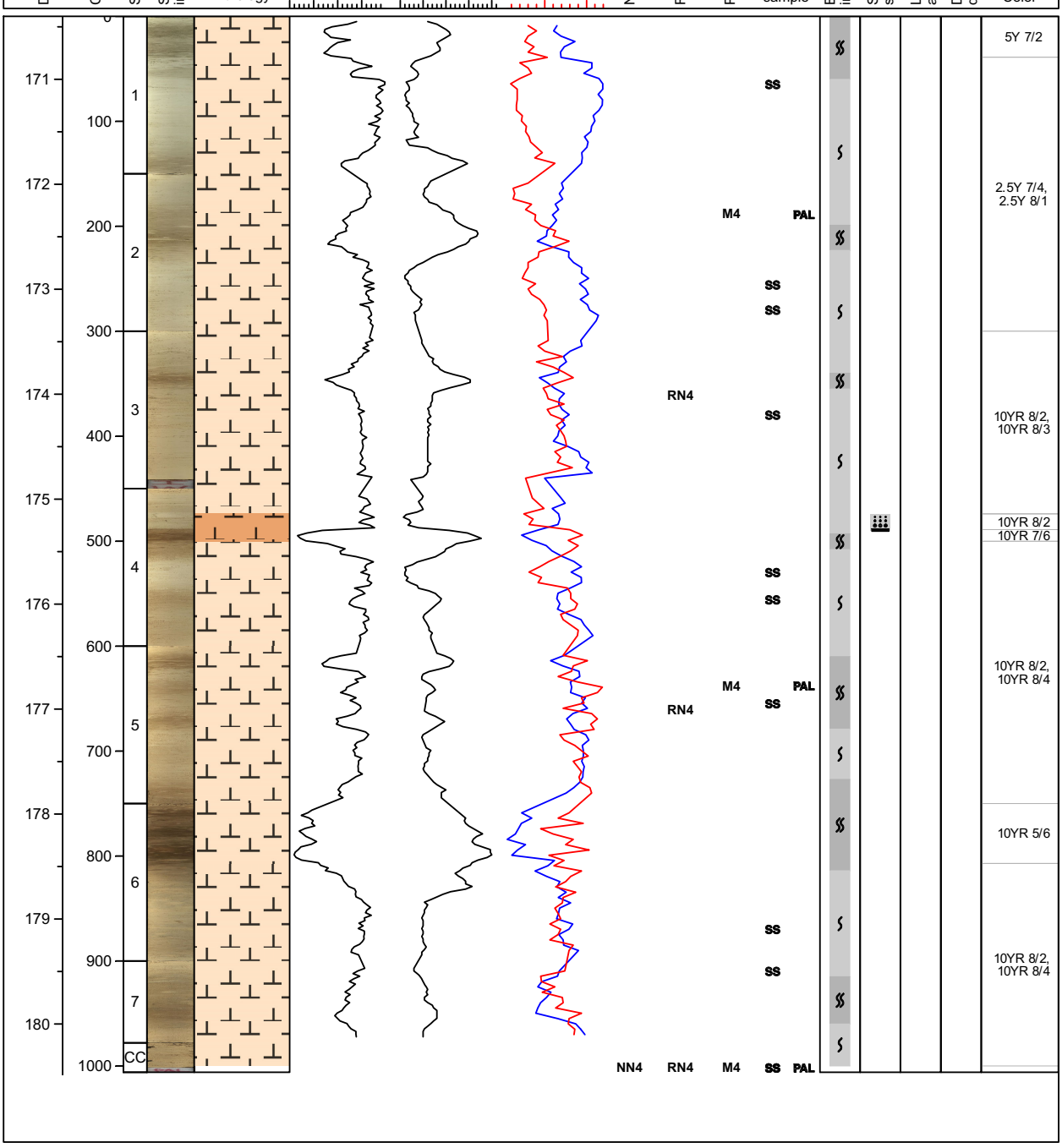
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil ooze with radiolarians, nannofossil ooze with foraminifers. Alternating sequence of light greenish gray nannofossil ooze with radiolarians and white nannofossil ooze interbebbed by a white nannofossil ooze with foraminifers.



Core Photo

Hole 320-U1335A Core 19H, Interval 170.4-180.46 m (CSF-A)

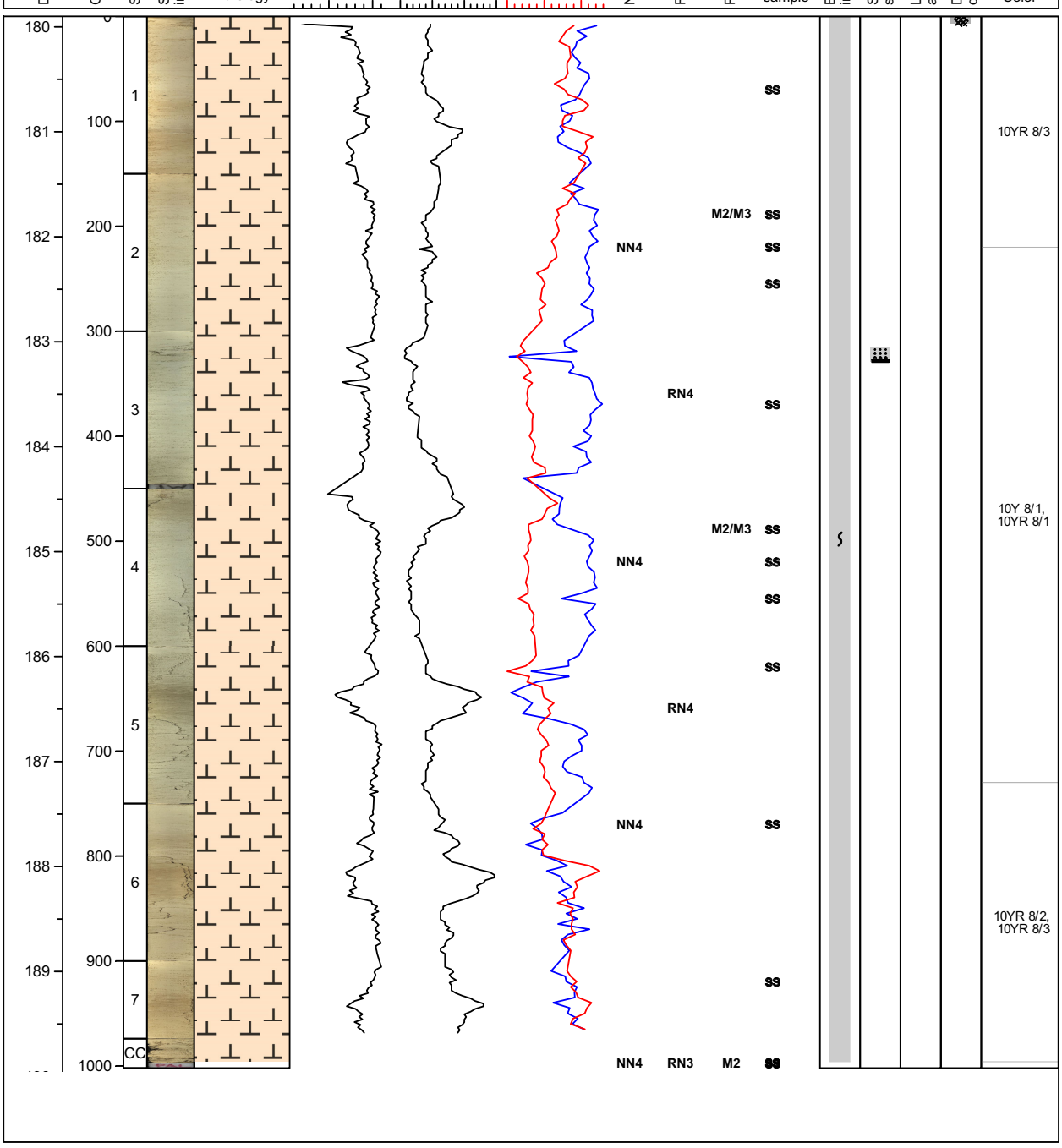
Major lithology: Nannofossil ooze; nannofossil ooze with diatoms and radiolarians; nannofossil ooze with radiolarians; Minor lithology: Foraminifer nannofossil ooze; radiolarian nannofossil ooze with diatoms; White nannofossil ooze alternating with pale yellow nannofossil ooze with radiolarians and light gray nannofossil ooze with diatoms and radiolarians, interrupted by sharp boundaries bearing foraminifers and radiolarians that grade upward.



Core Photo

Hole 320-U1335A Core 20H, Interval 179.9-189.92 m (CSF-A)

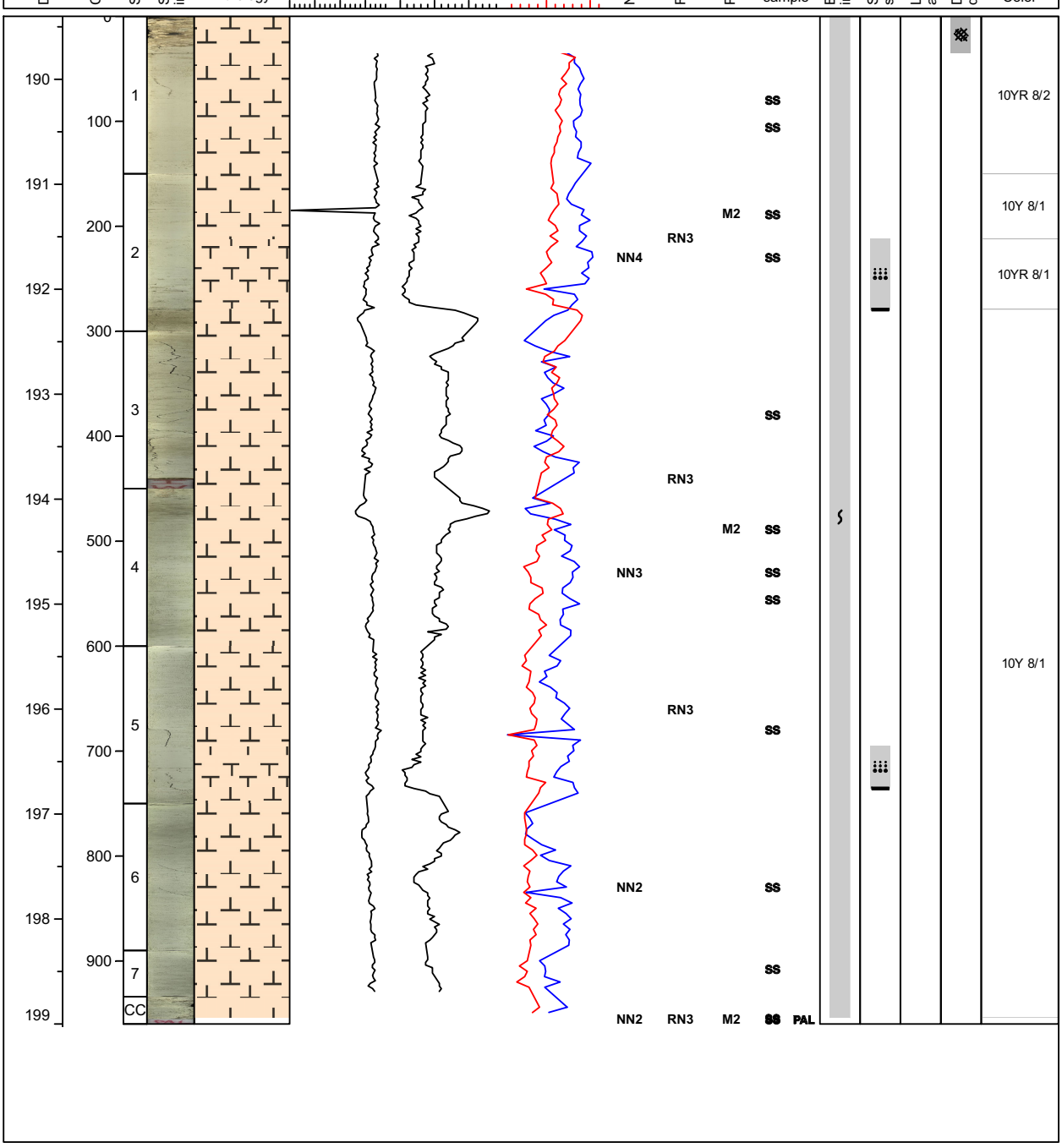
Major lithology: Nannofossil ooze; nannofossil ooze with diatoms. Alternating sequence of very pale brown nannofossil ooze and white nannofossil ooze with diatoms. Both lithologies are interrupted by a sharp boundary overlain by foraminifer oozes that fine upwards.



Core Photo

Hole 320-U1335A Core 21H, Interval 189.4-199.0 m (CSF-A)

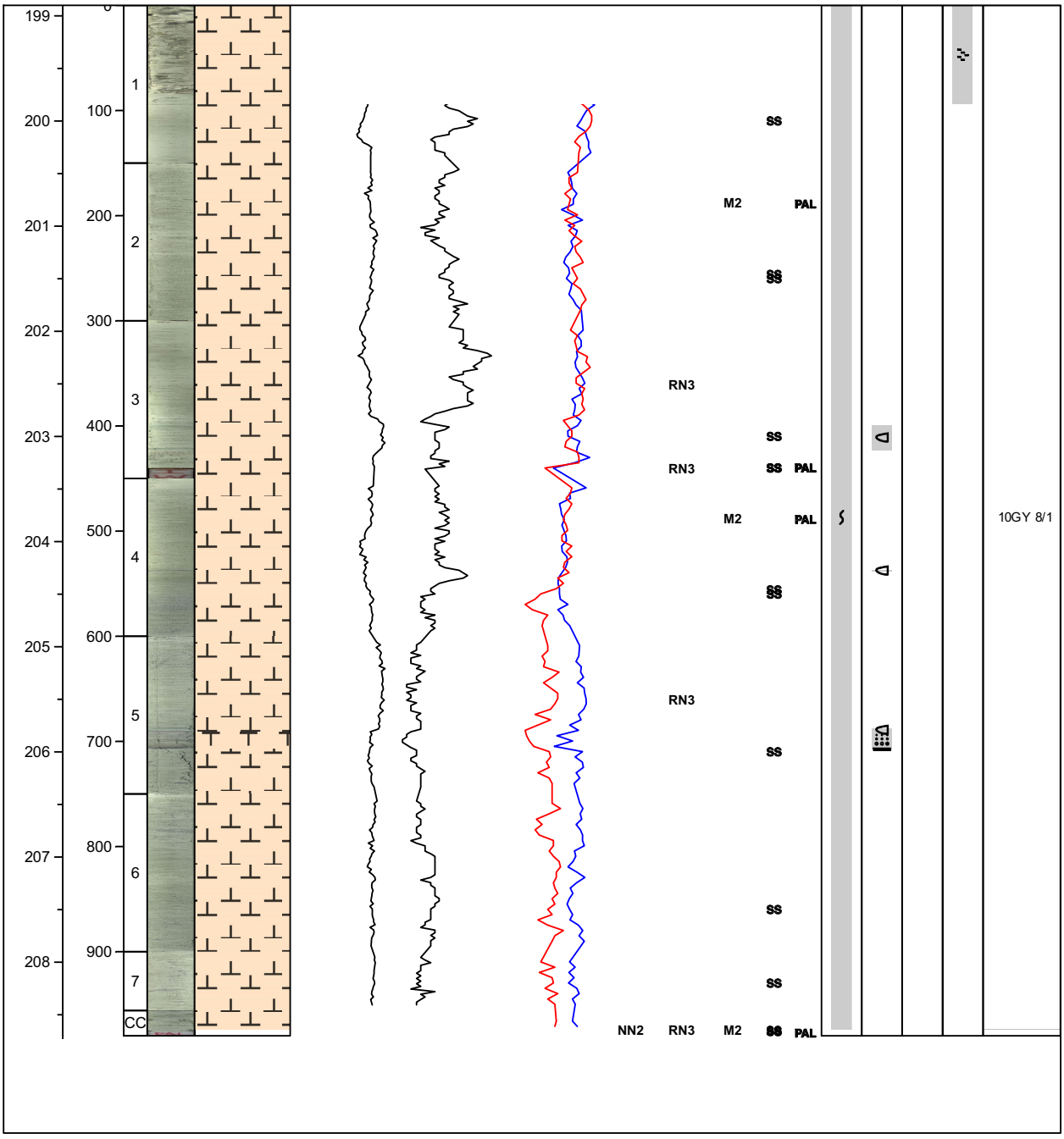
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Very pale brown nannofossil ooze overlying light greenish gray nannofossil ooze. Both lithologies are interrupted by sharp boundaries overlain by foraminifer oozes that fine upward.



Core Photo

Hole 320-U1335A Core 22H, Interval 198.9-208.7 m (CSF-A)

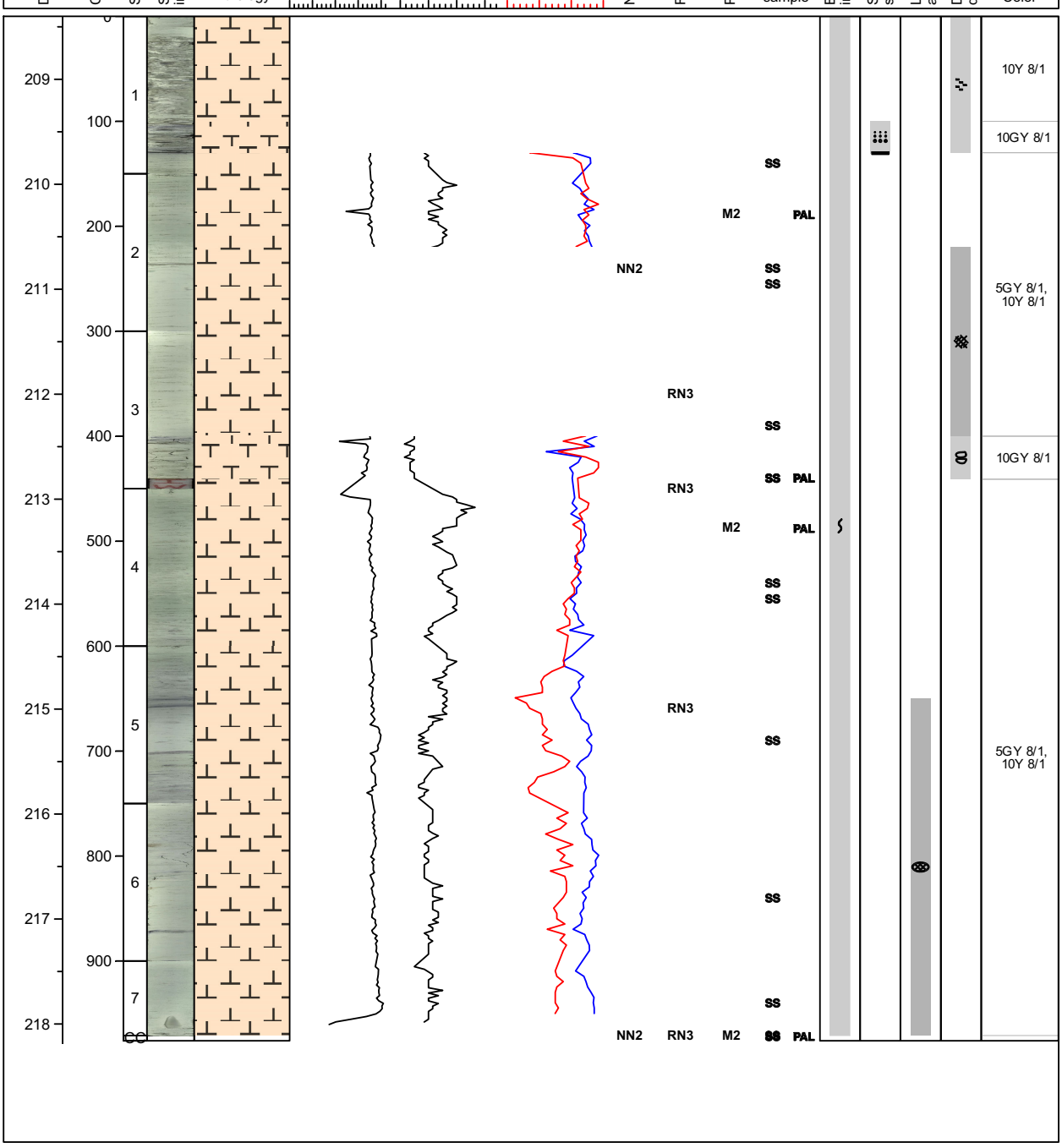
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze.; Light greenish gray nannofossil ooze is interrupted by a sharp boundary overlain by a foraminifer ooze that fines upwards.



Core Photo

Hole 320-U1335A Core 23H, Interval 208.4-218.16 m (CSF-A)

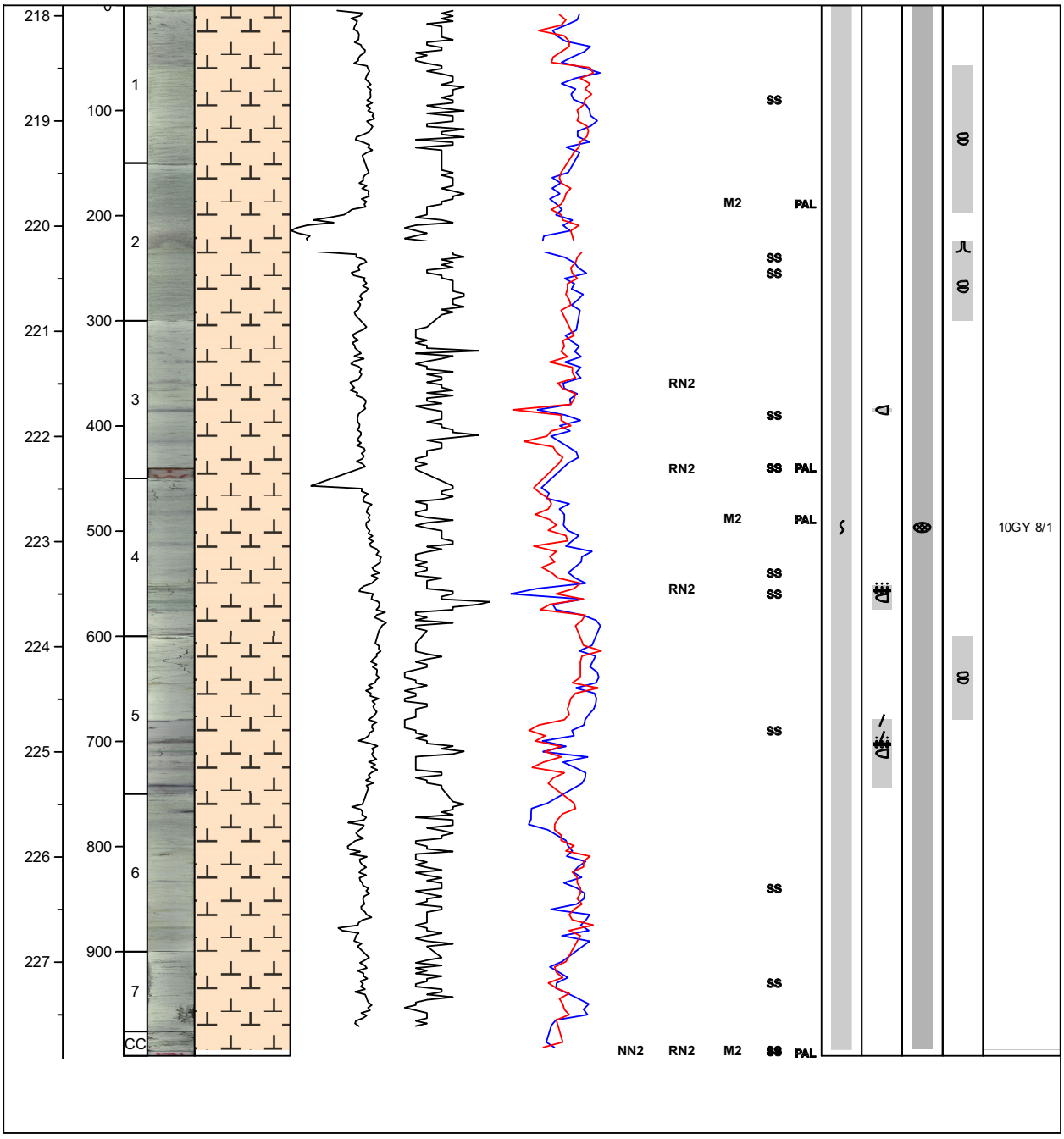
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Light greenish gray nannofossil ooze is punctuated by two beds of nannofossil foraminifer ooze with a sharp basal boundary and fining upward sequence.



Core Photo

Hole 320-U1335A Core 24H, Interval 217.9-227.89 m (CSF-A)

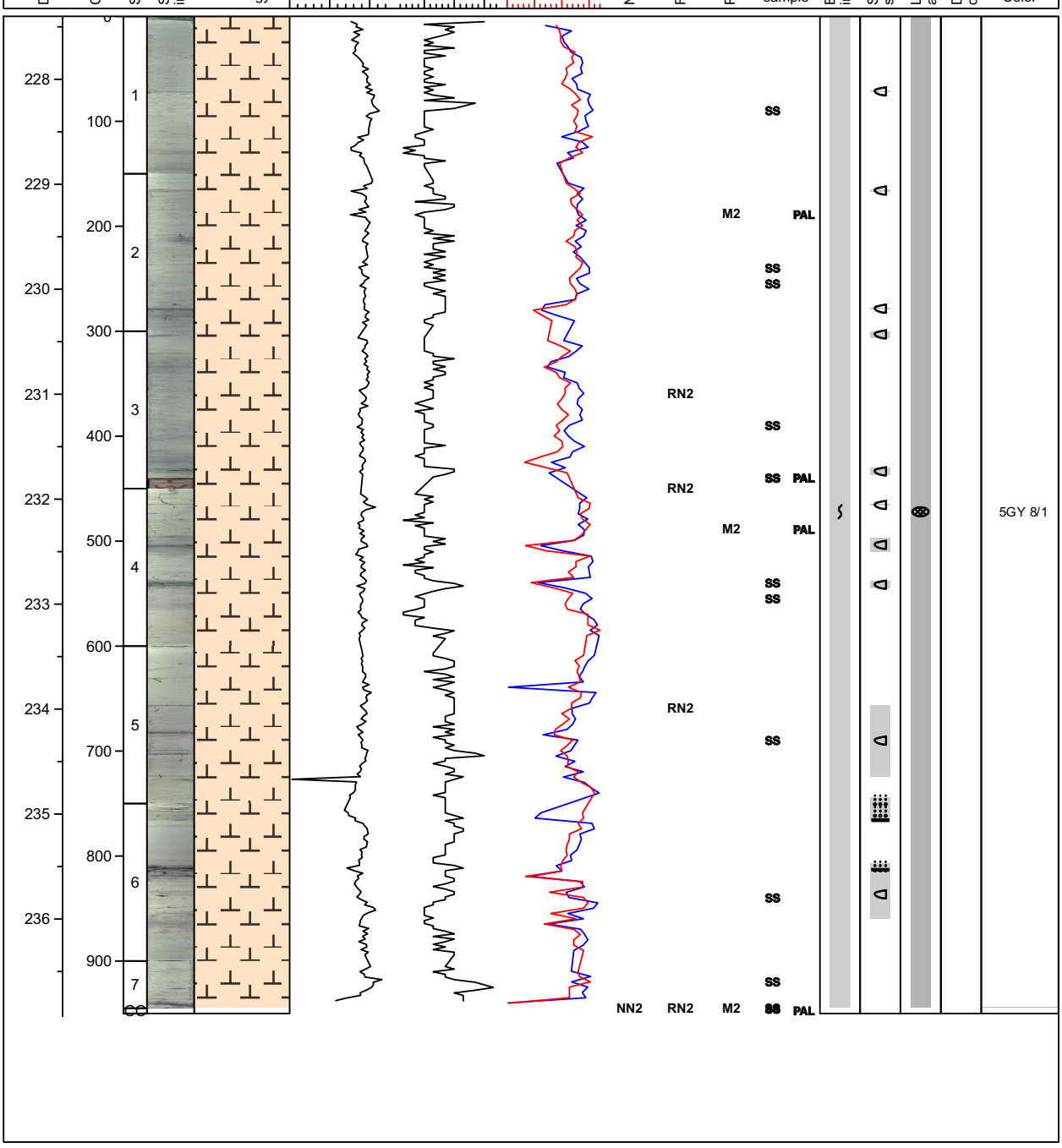
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Light greenish gray nannofossil ooze is punctuated by two beds of nannofossil foraminifer ooze with a sharp basal boundary and fining upward sequence. Color banding and microfaults present.



Core Photo

Hole 320-U1335A Core 25H, Interval 227.4-236.9 m (CSF-A)

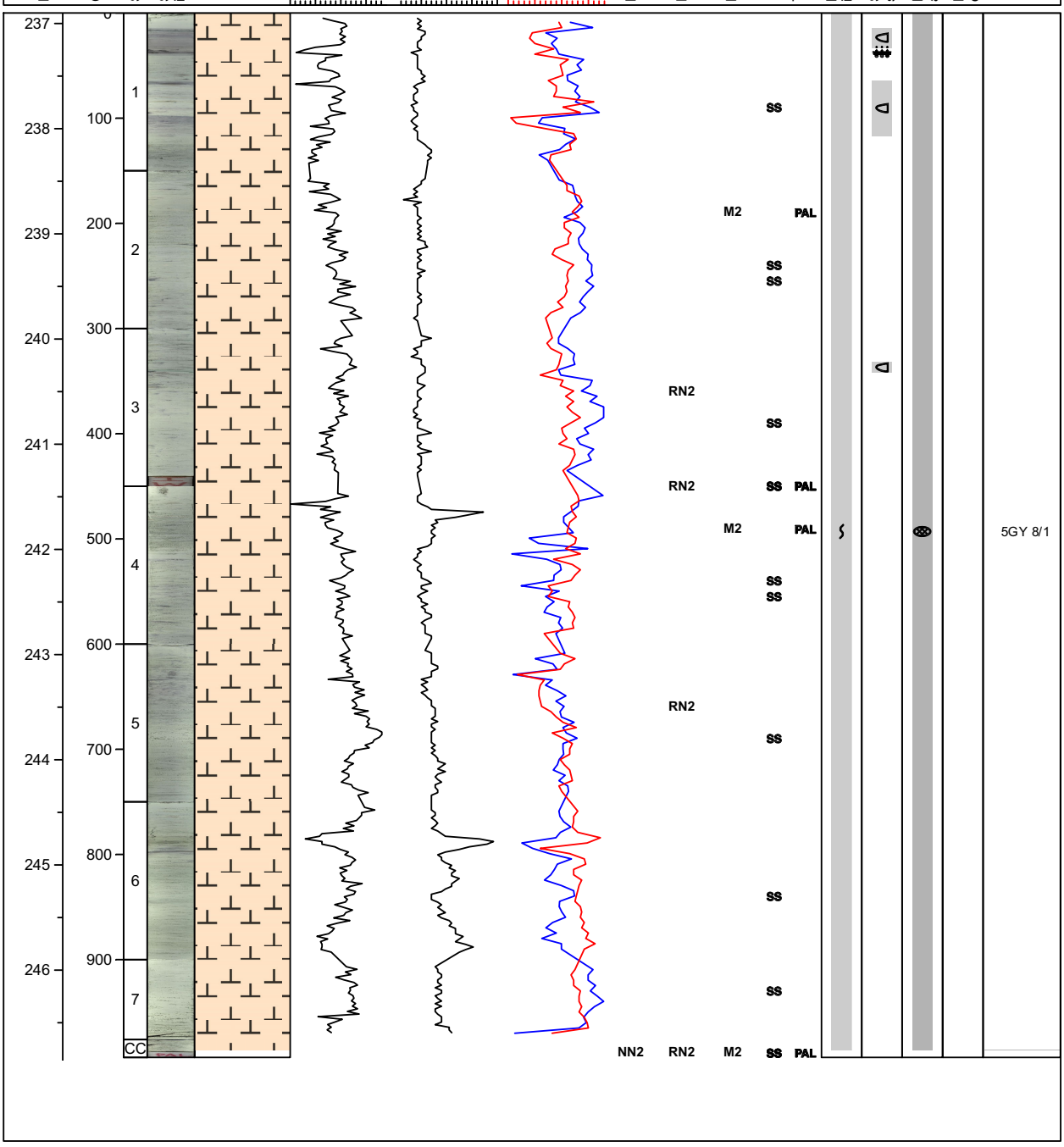
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Light greenish gray nannofossil ooze is punctuated by two beds of nannofossil foraminifer ooze with a sharp basal boundary and fining upward sequence. Abundant color banding.



Core Photo

Hole 320-U1335A Core 26H, Interval 236.9-246.83 m (CSF-A)

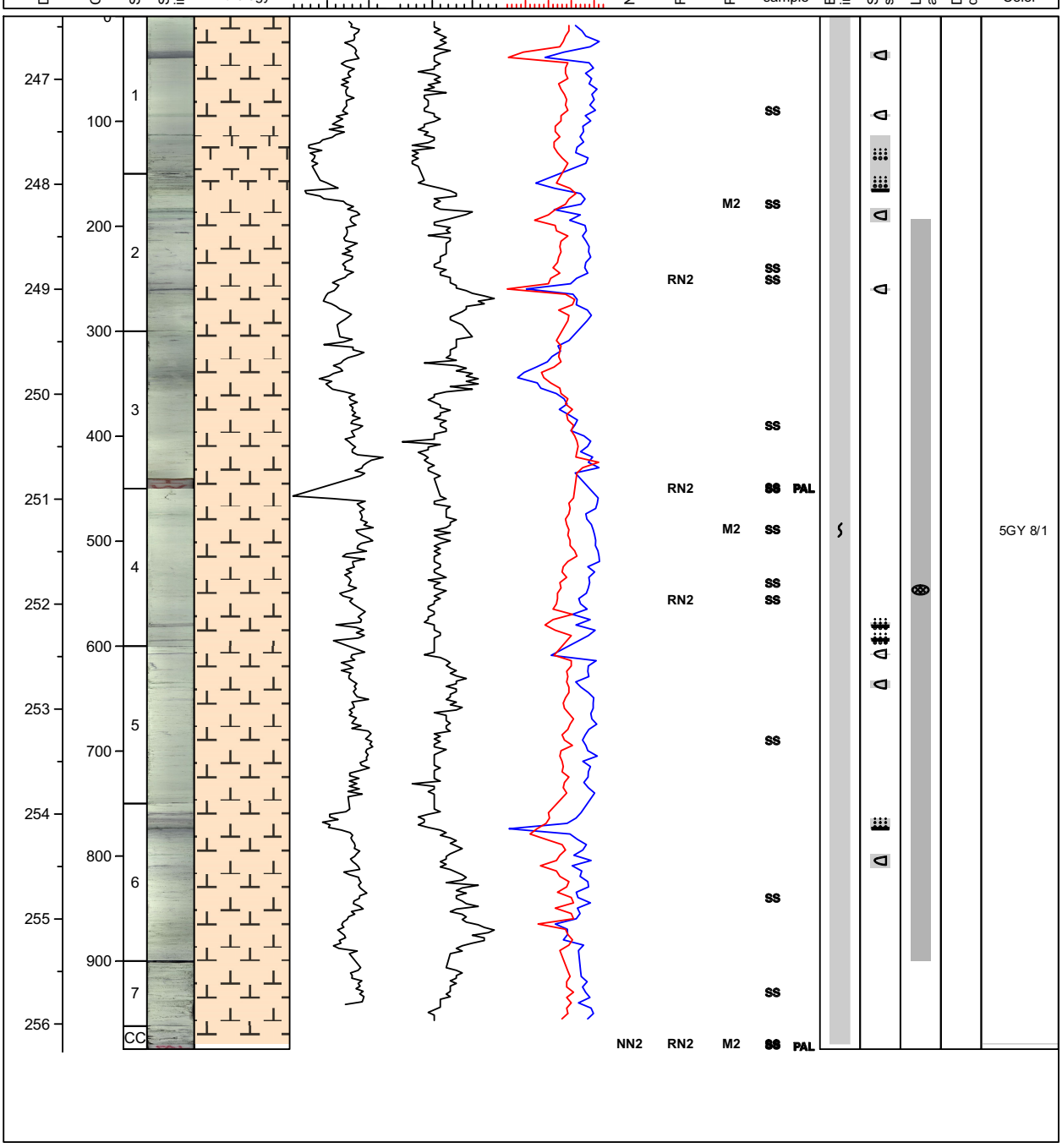
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Light greenish gray nannofossil ooze is punctuated by nannofossil foraminifer ooze with a sharp basal boundary and fining upward sequence. Abundant color banding.



Core Photo

Hole 320-U1335A Core 27H, Interval 246.4-256.24 m (CSF-A)

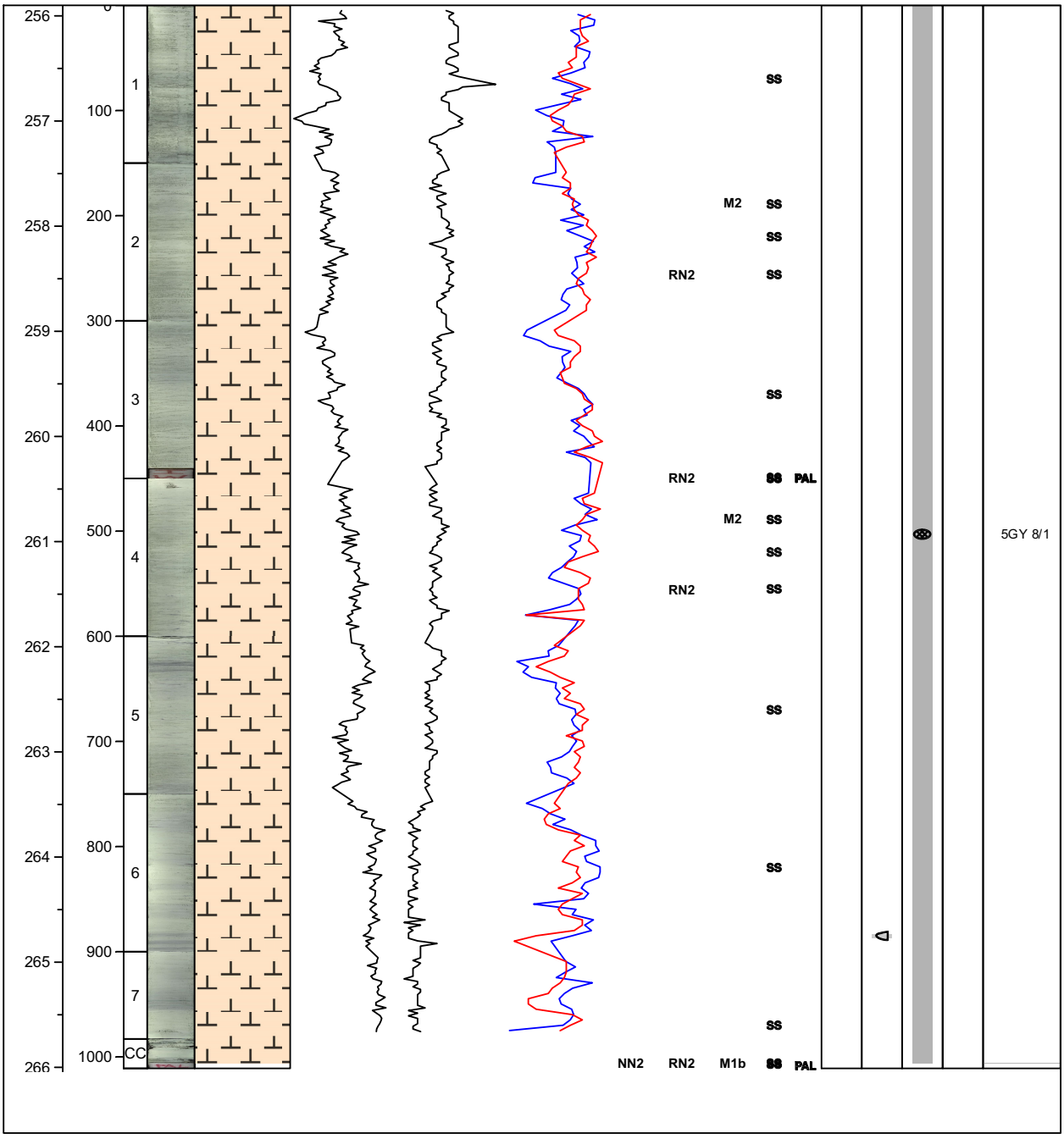
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Light greenish gray nannofossil ooze is punctuated by four beds of nannofossil foraminifer ooze with a sharp basal boundary and fining upward sequence. Abundant color banding.



Core Photo

Hole 320-U1335A Core 28H, Interval 255.9-266.01 m (CSF-A)

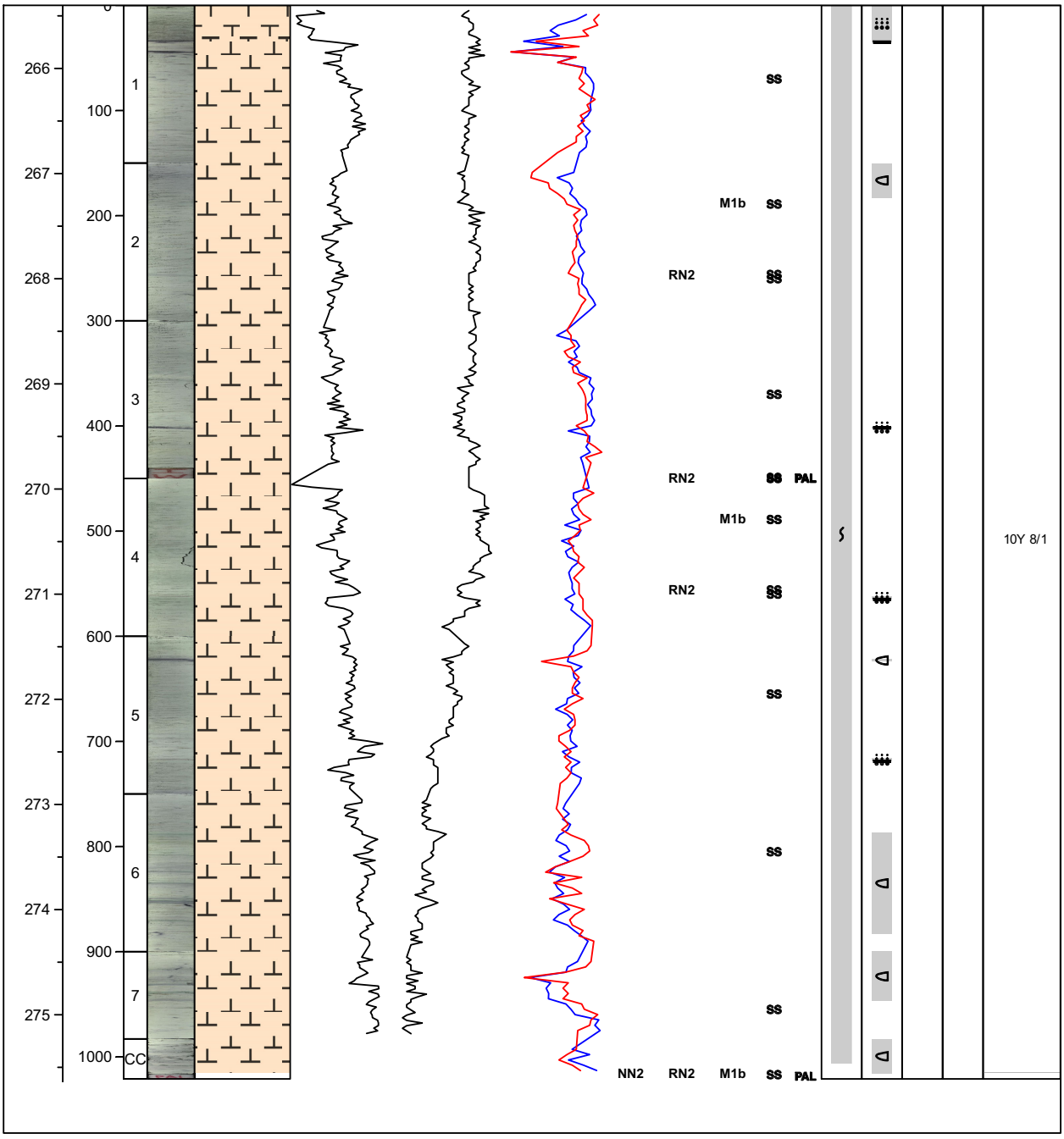
Major lithology: Nannofossil ooze. Light greenish gray nannofossil ooze with intervals of color banding.



Core Photo

Hole 320-U1335A Core 29H, Interval 265.4-275.61 m (CSF-A)

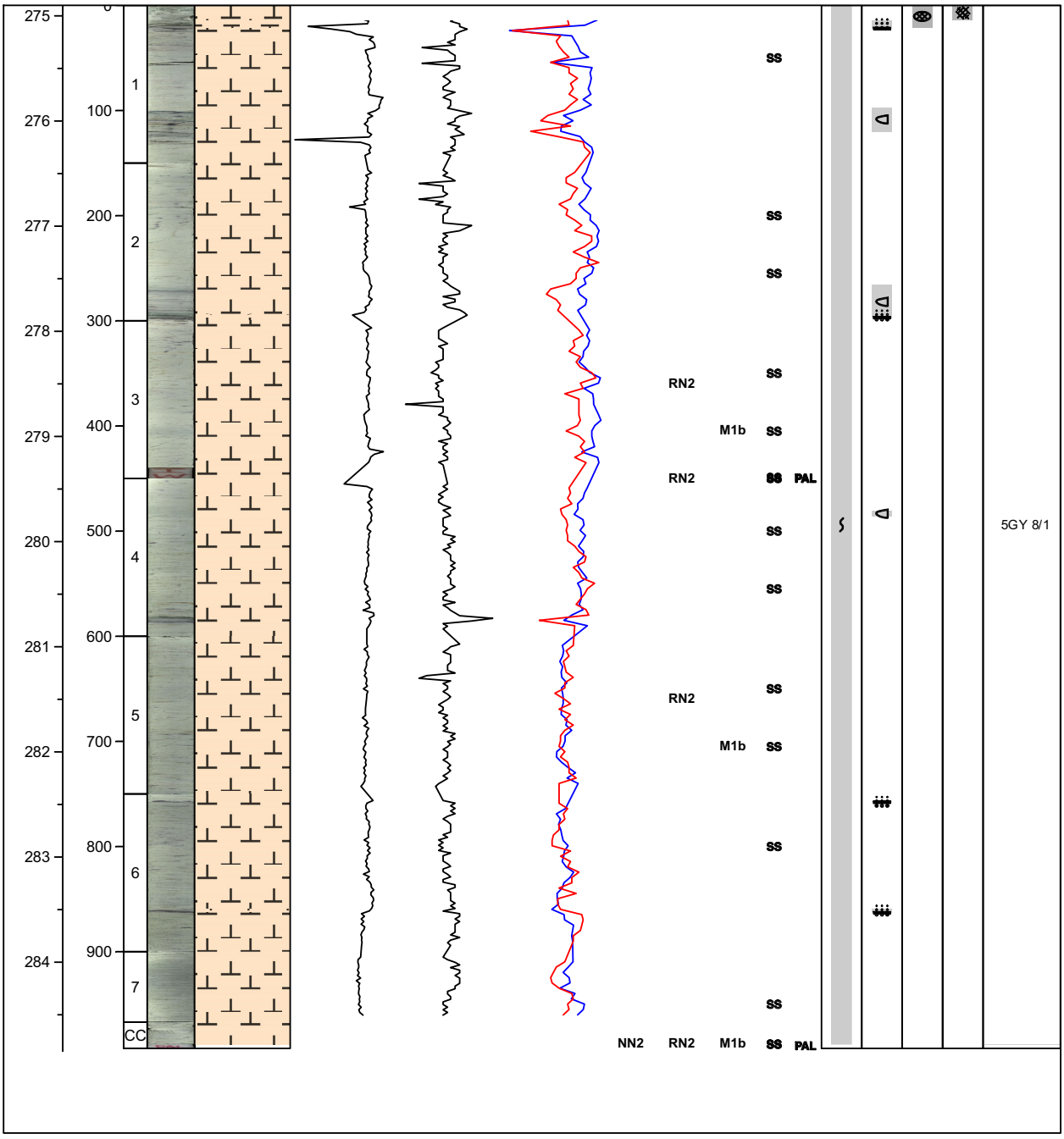
Major lithology: Nannofossil ooze. Light greenish gray nannofossil ooze with intervals of color banding. Four erosional surfaces with coarse basal layers and fining upward sequences.



Core Photo

Hole 320-U1335A Core 30H, Interval 274.9-284.82 m (CSF-A)

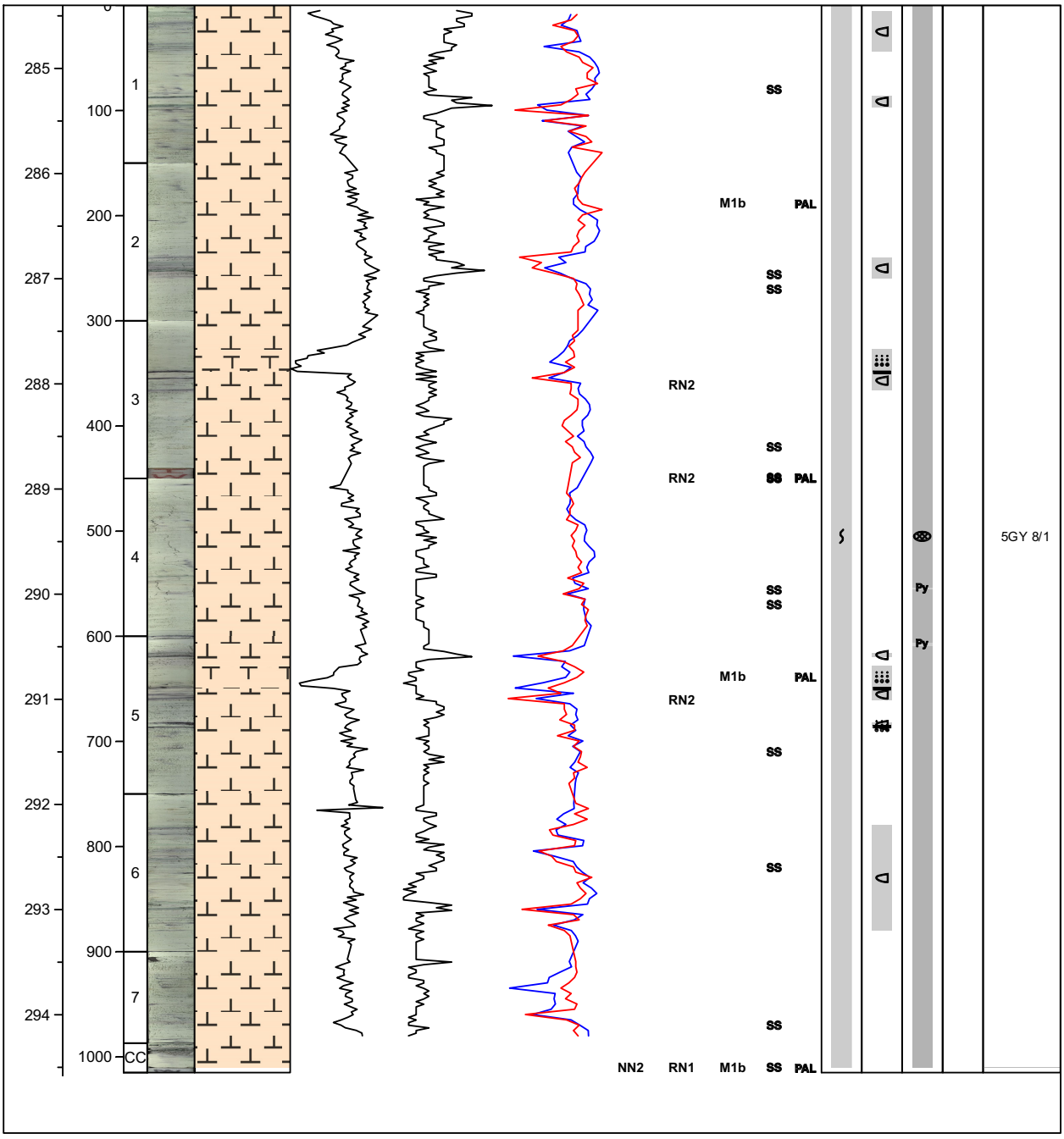
Major lithology: Nannofossil ooze. Light greenish gray nannofossil ooze with intervals of color banding. Four erosional surfaces with coarse basal layers and fining upward sequences.



Core Photo

Hole 320-U1335A Core 31H, Interval 284.4-294.55 m (CSF-A)

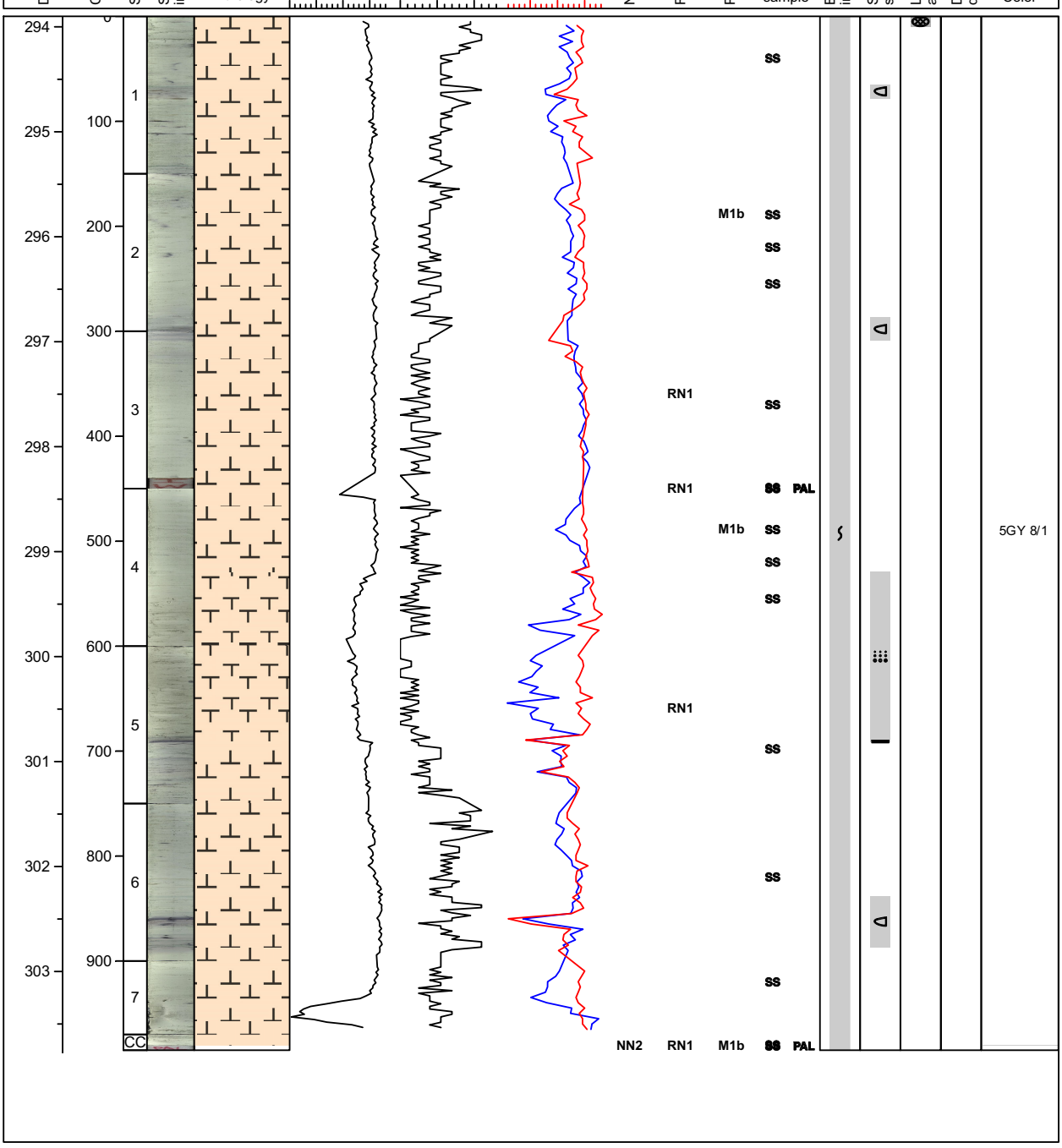
Major lithology: Nannofossil ooze. Light greenish gray nannofossil ooze with intervals of color banding. Three erosional surfaces with coarse basal layers and fining upward sequences. Two light greenish ash layers occur.



Core Photo

Hole 320-U1335A Core 32H, Interval 293.9-303.75 m (CSF-A)

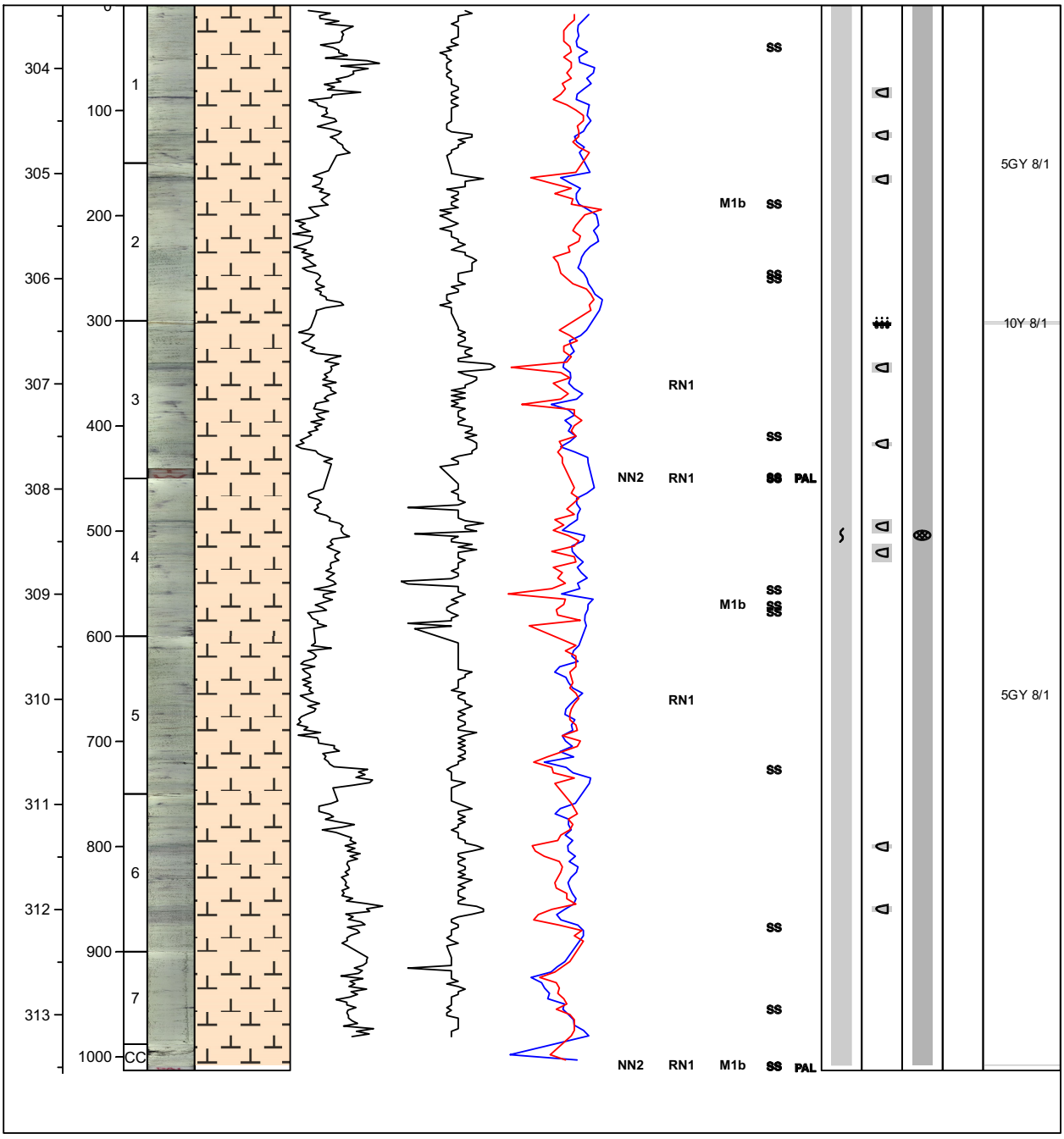
Major lithology: Nannofossil ooze. Light greenish gray nannofossil ooze with intervals of color banding. One erosional surface with coarse basal layer and fining upward sequences.



Core Photo

Hole 320-U1335A Core 33H, Interval 303.4-313.53 m (CSF-A)

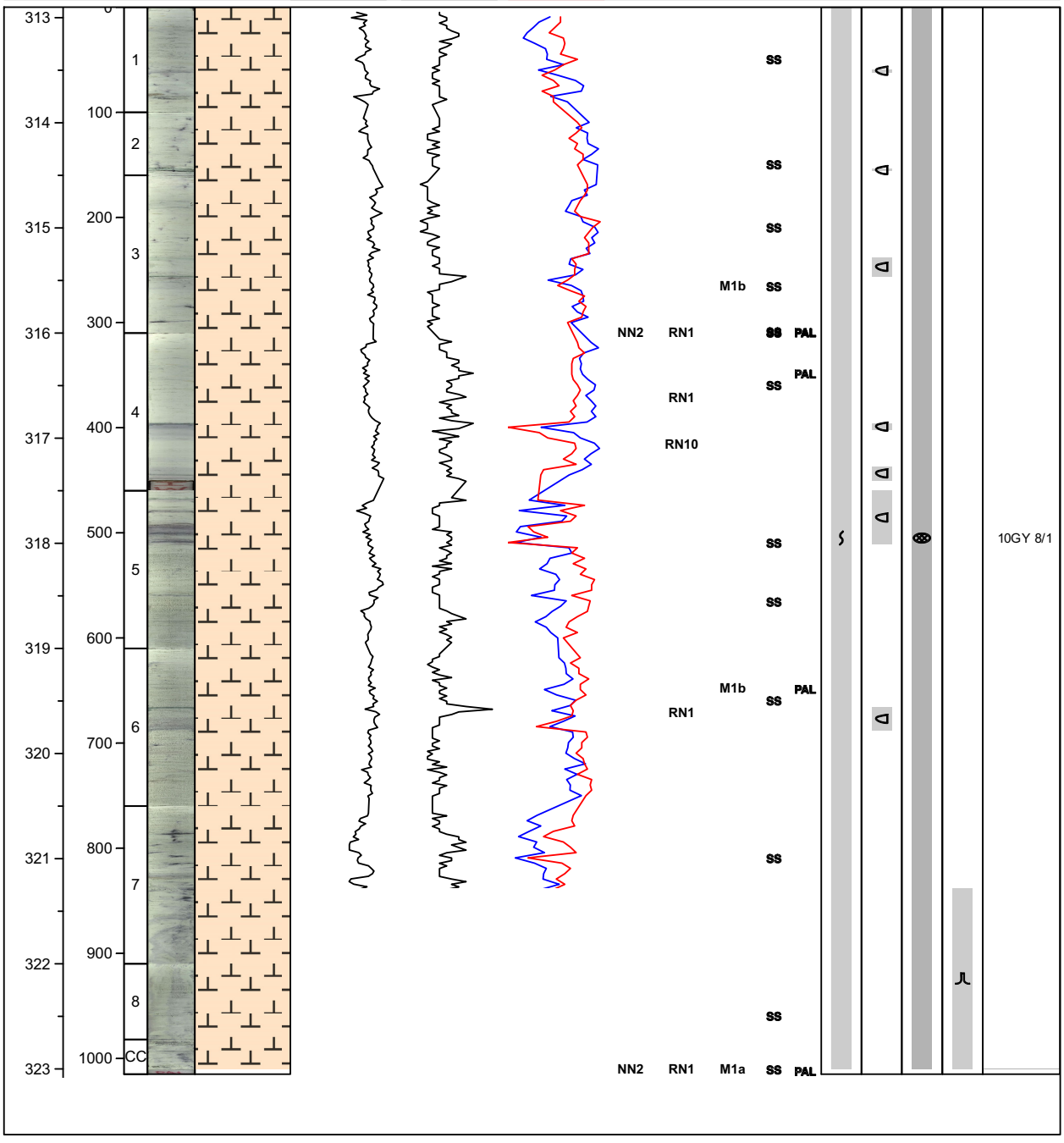
Major lithology: Nannofossil ooze. Light greenish gray nannofossil ooze with intervals of color banding. One erosional surface with coarse basal layer.



Core Photo

Hole 320-U1335A Core 34H, Interval 312.9-323.05 m (CSF-A)

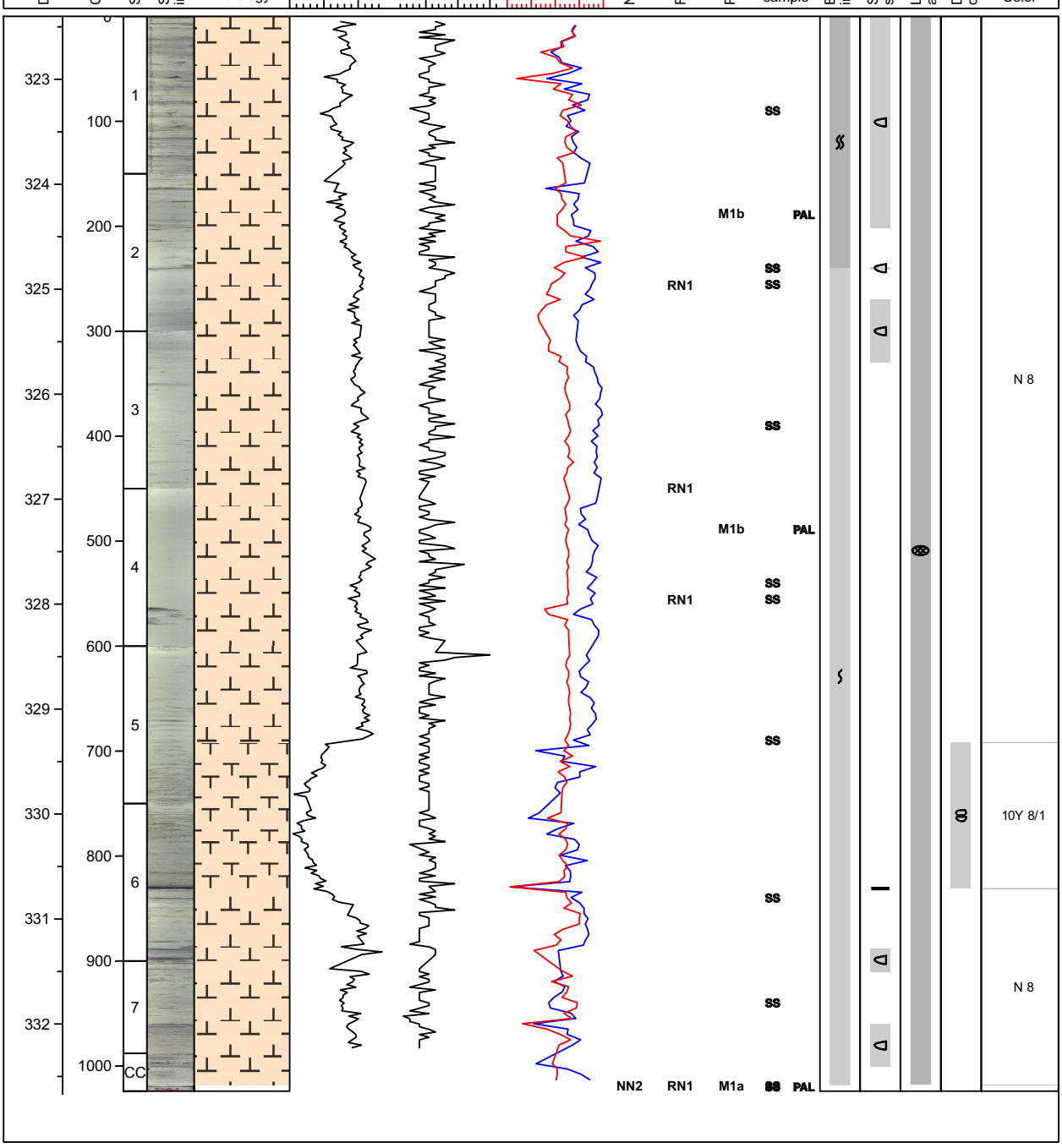
Major lithology: Nannofossil ooze. Light greenish gray nannofossil ooze with intervals of color banding.



Core Photo

Hole 320-U1335A Core 35H, Interval 322.4-332.64 m (CSF-A)

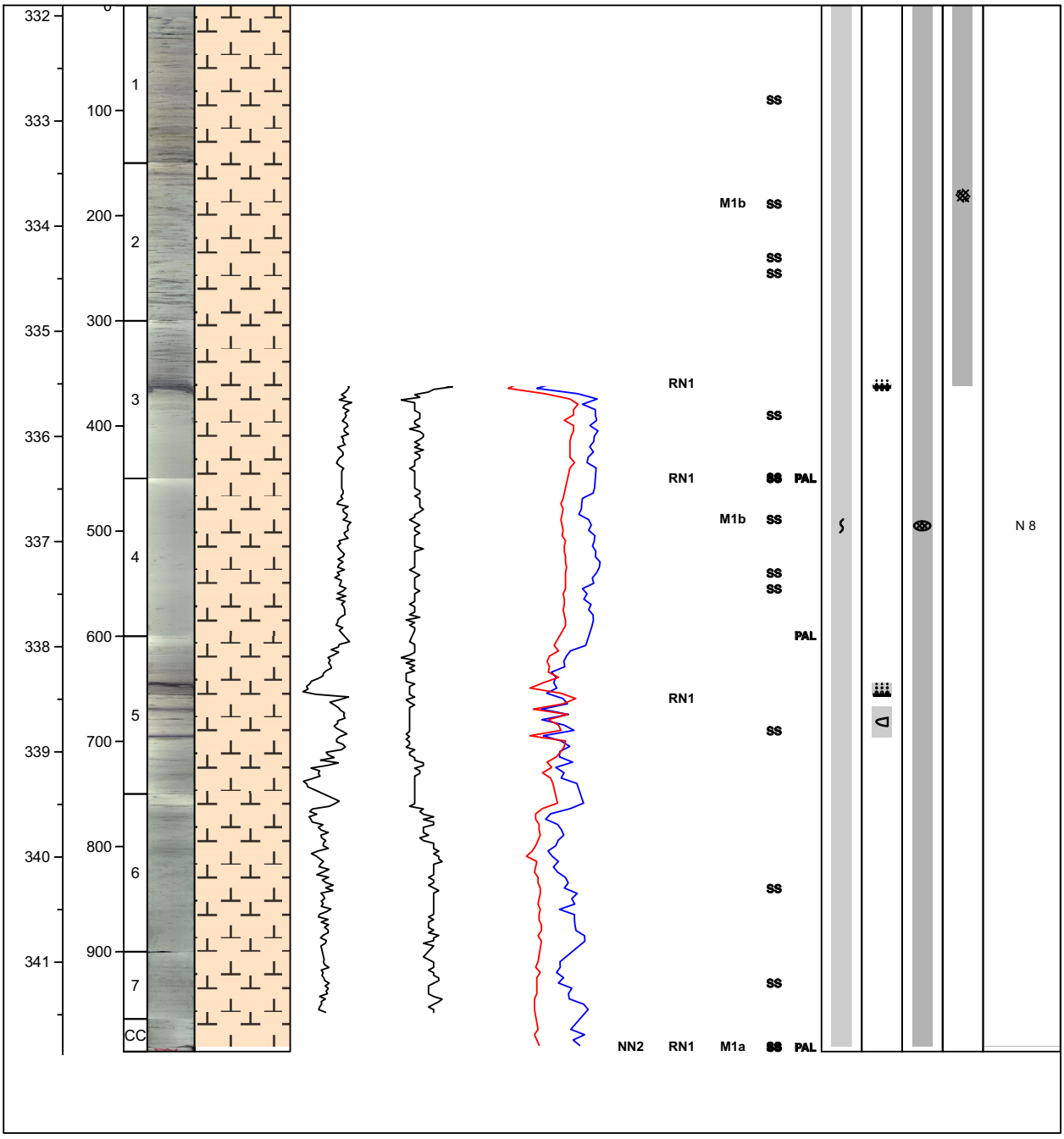
Major lithology: Nannofossil ooze, nannofossil foraminifer ooze. White nannofossil ooze occurs with intervals of color banding. Light greenish gray nannofossil foraminifer ooze occurs with gray sharp basal contact.



Core Photo

Hole 320-U1335A Core 36H, Interval 331.9-341.85 m (CSF-A)

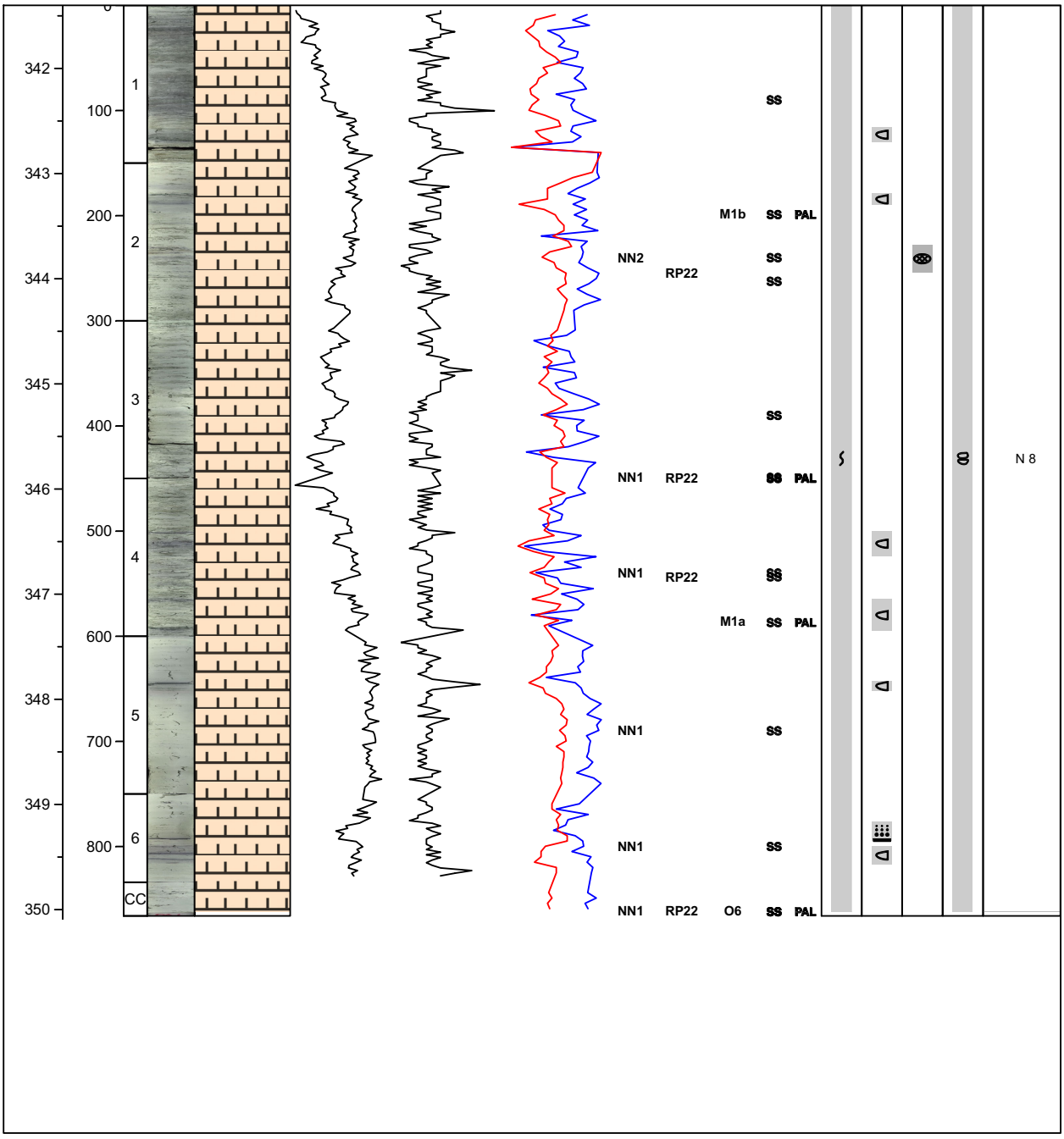
Major lithology: Nannofossil ooze, nannofossil foraminifer ooze. White nannofossil ooze occurs with intervals of color banding. Two layers of light greenish gray nannofossil foraminifer ooze occur with gray sharp basal contact.



Core Photo

Hole 320-U1335A Core 37X, Interval 341.4-350.06 m (CSF-A)

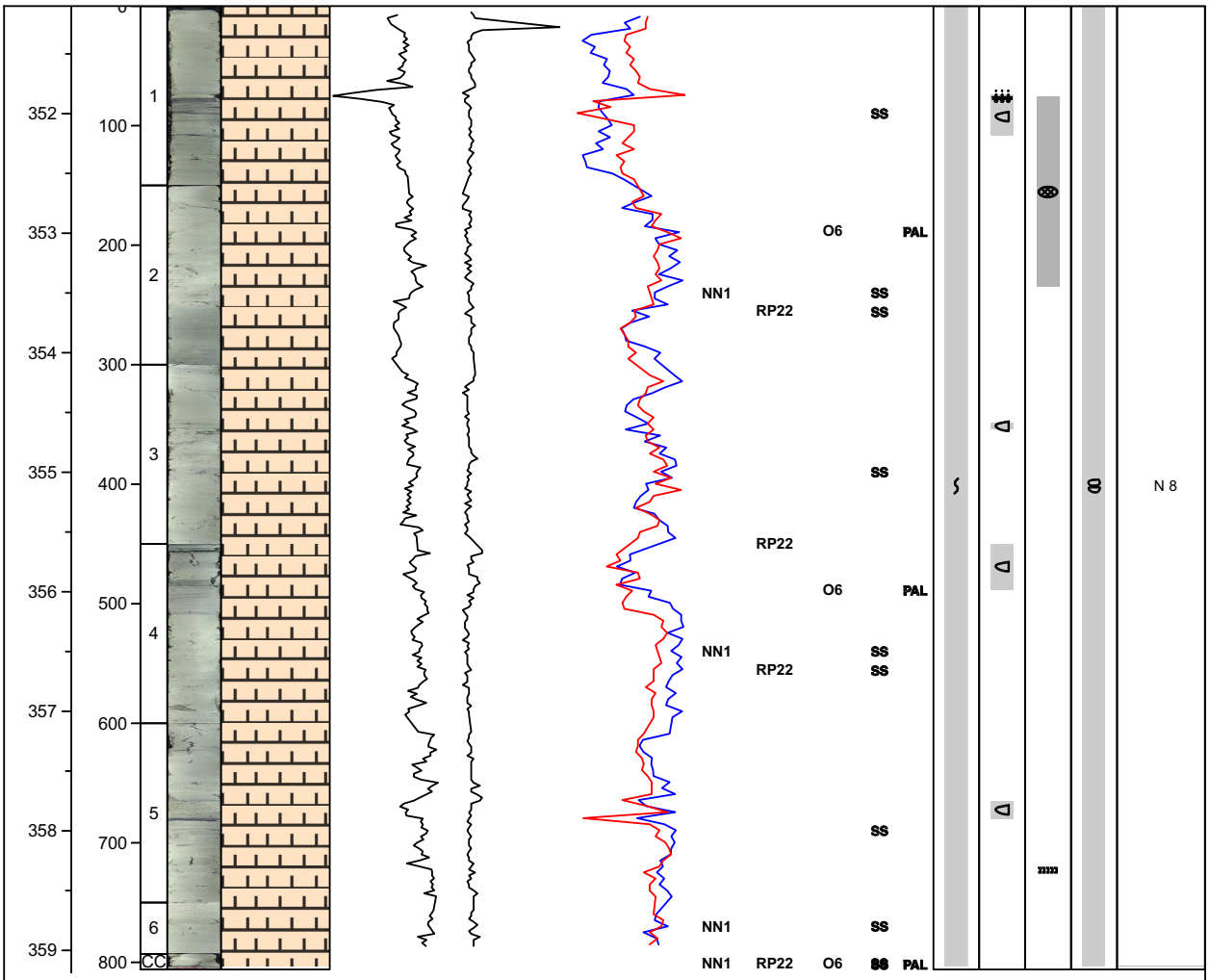
Major lithology: Nannofossil chalk, Minor lithology: nannofossil foraminifer chalk. White nannofossil chalk occurs with intervals of color banding. Light gray nannofossil foraminifer chalk occurs with light gray sharp basal contact.



Core Photo

Hole 320-U1335A Core 38X, Interval 351.1-359.16 m (CSF-A)

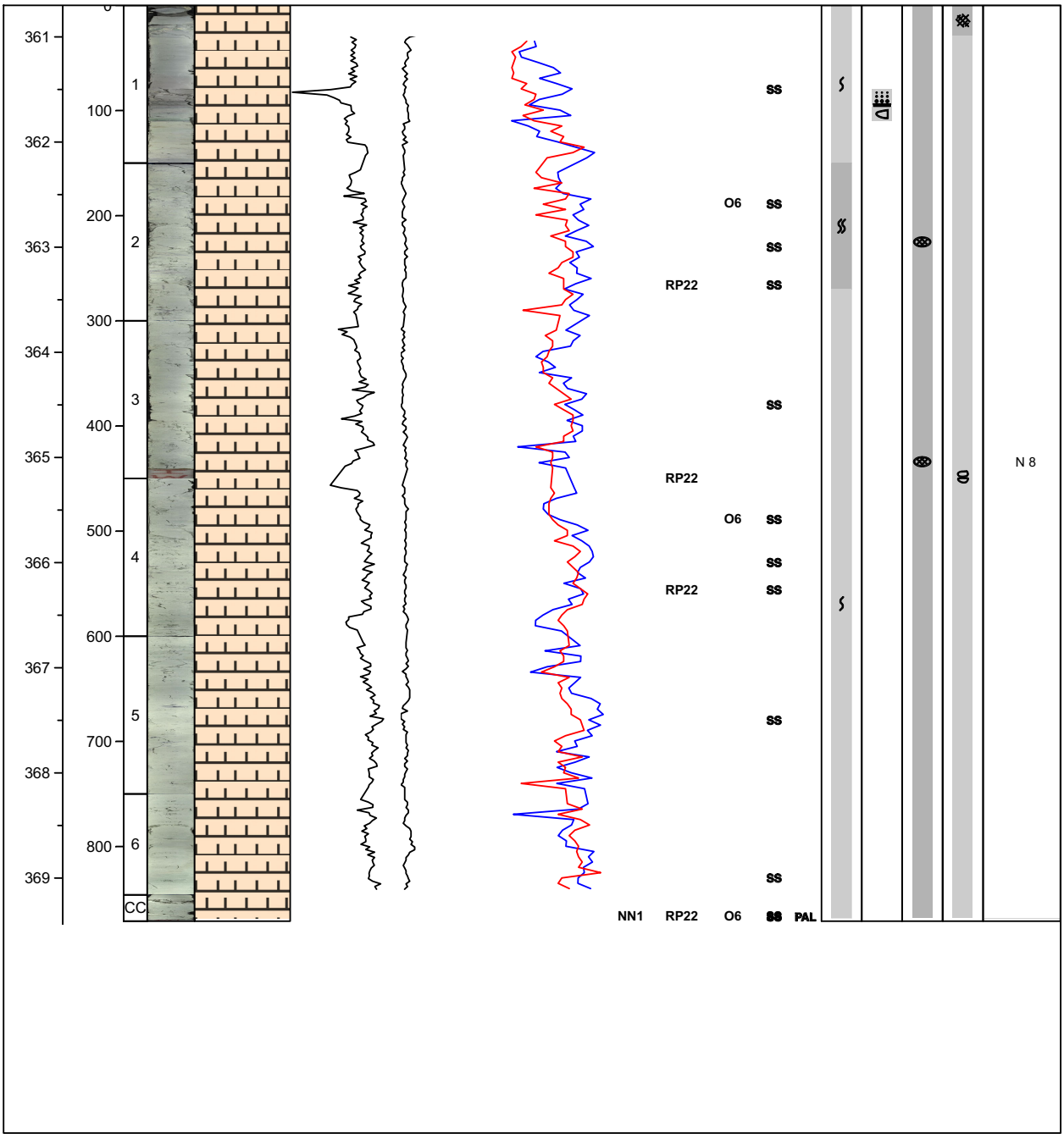
Major lithology: Nannofossil chalk, Minor lithology: nannofossil foraminifer chalk. White nannofossil chalk occurs with intervals of color banding. Light gray nannofossil foraminifer chalk occurs with light gray sharp basal contact.



Core Photo

Hole 320-U1335A Core 39X, Interval 360.7-369.41 m (CSF-A)

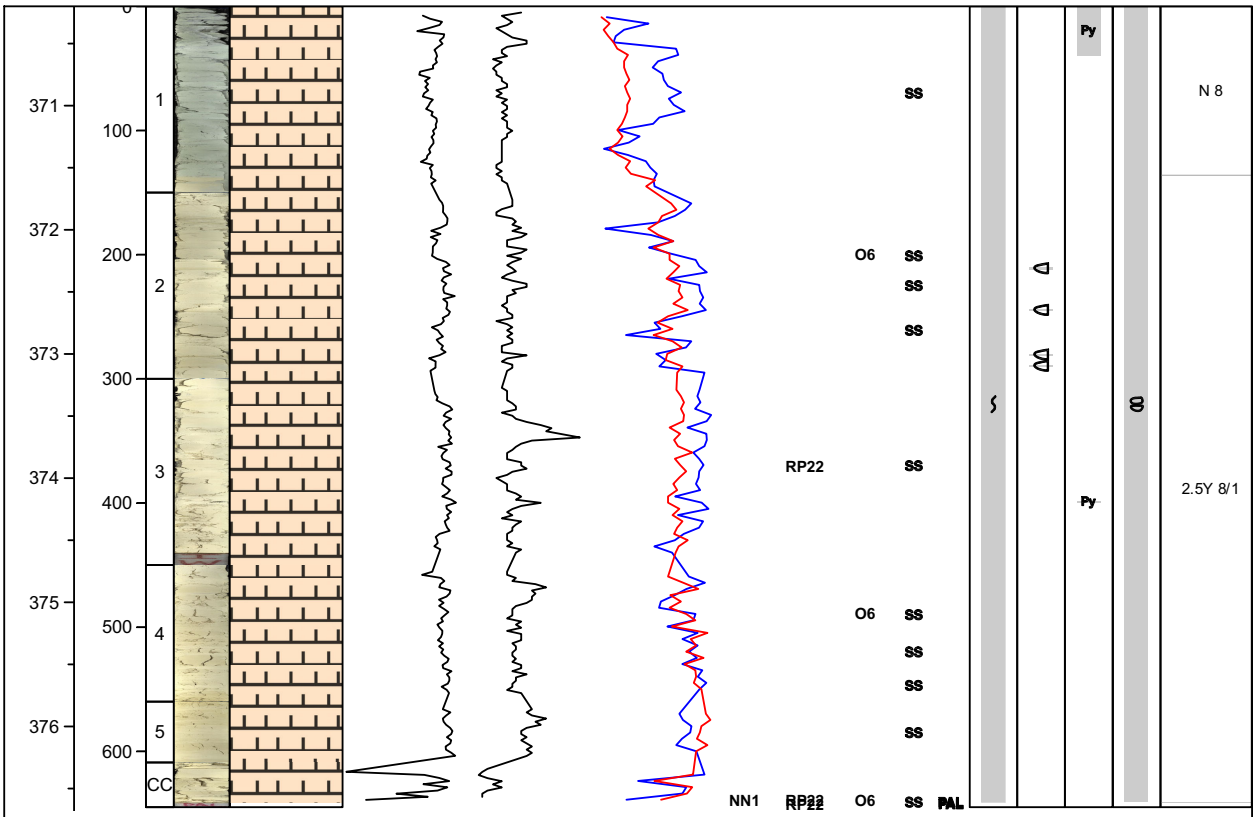
Major lithology: Nannofossil chalk; Minor lithology: nannofossil foraminifer chalk. White nannofossil chalk occurs with intervals of color banding. Light gray nannofossil foraminifer chalk occur with light gray sharp basal contact.



Core Photo

Hole 320-U1335A Core 40X, Interval 370.2-376.65 m (CSF-A)

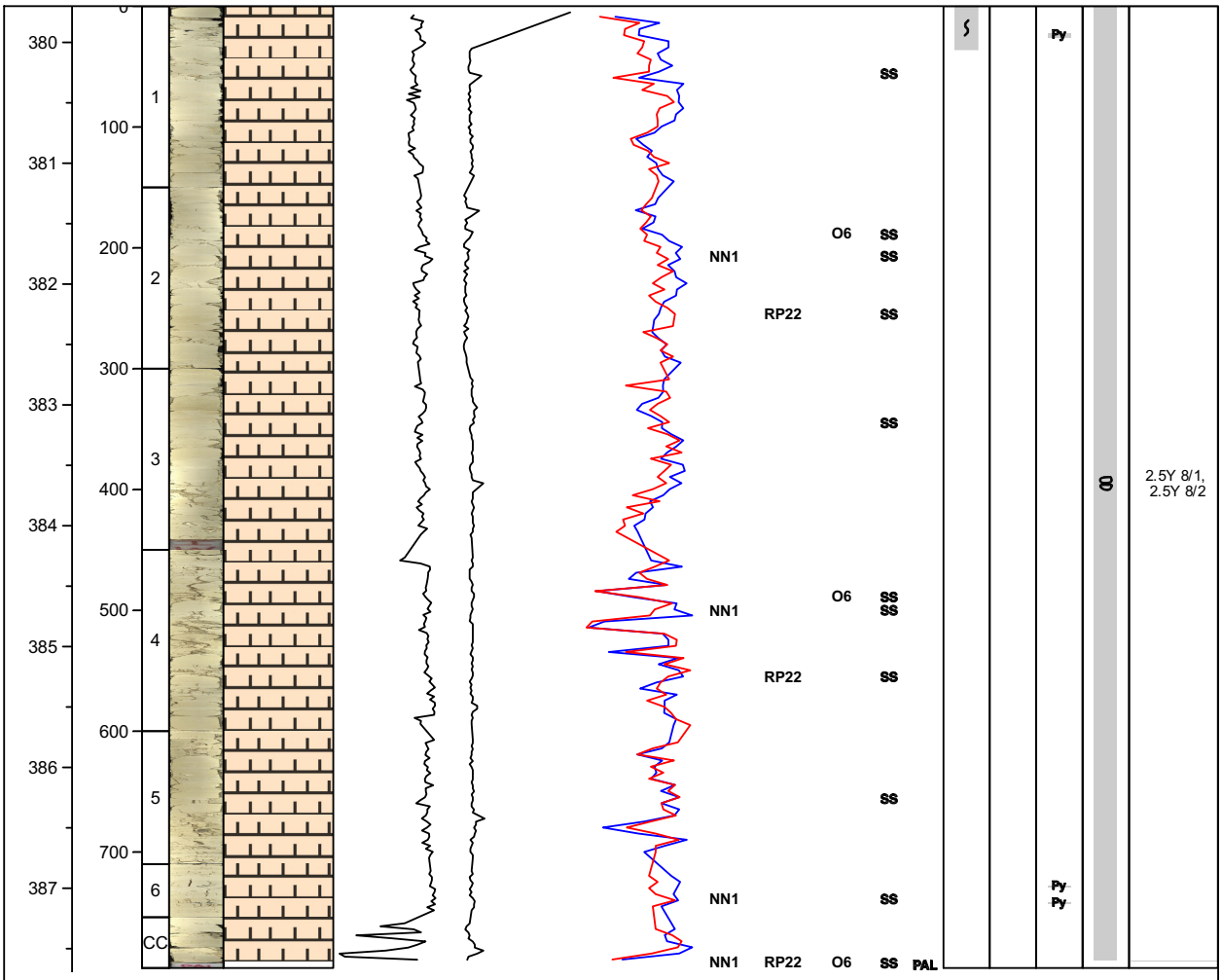
Major lithology: Nannofossil chalk. White (light greenish gray) nannofossil chalk overlying white (pale yellow) chalk. Pyritized burrows above this contact.



Core Photo

Hole 320-U1335A Core 41X, Interval 379.7-387.66 m (CSF-A)

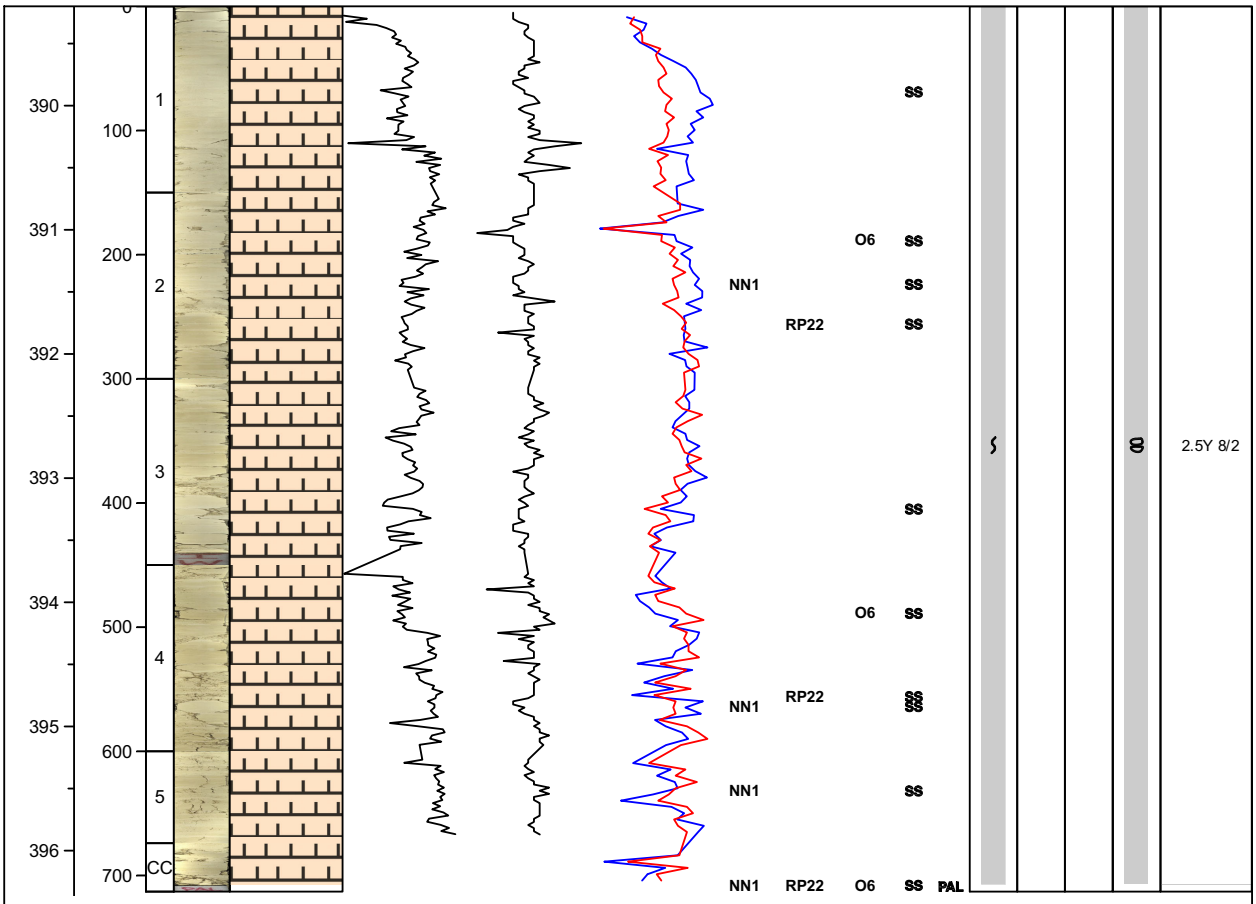
Major lithology: Nannofossil chalk. Alternation of white and pale yellow nannofossil chalk.



Core Photo

Hole 320-U1335A Core 42X, Interval 389.2-396.33 m (CSF-A)

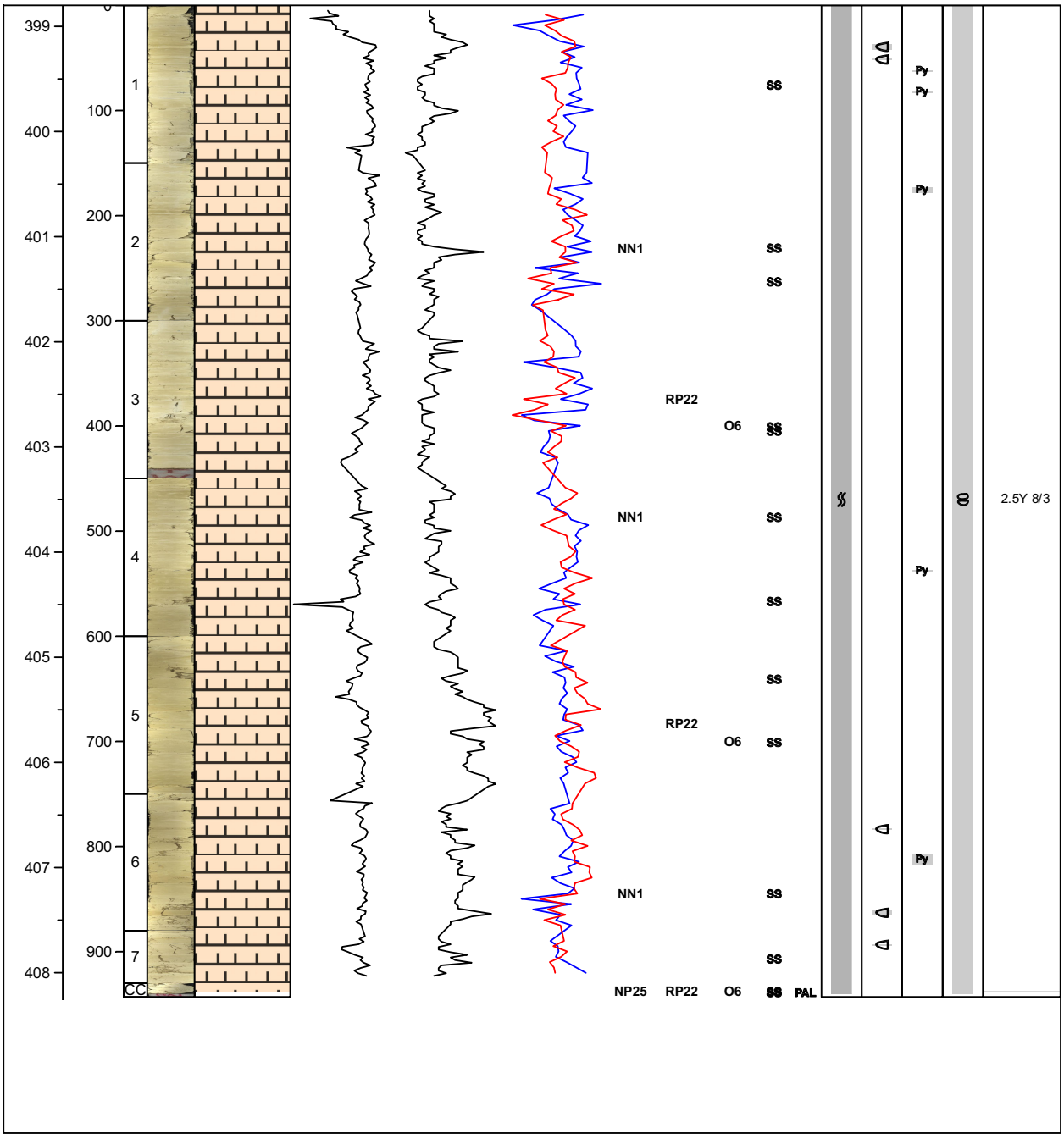
Major lithology: Nannofossil chalk. Alternation of white and pale yellow nannofossil chalk.



Core Photo

Hole 320-U1335A Core 43X, Interval 398.8-408.23 m (CSF-A)

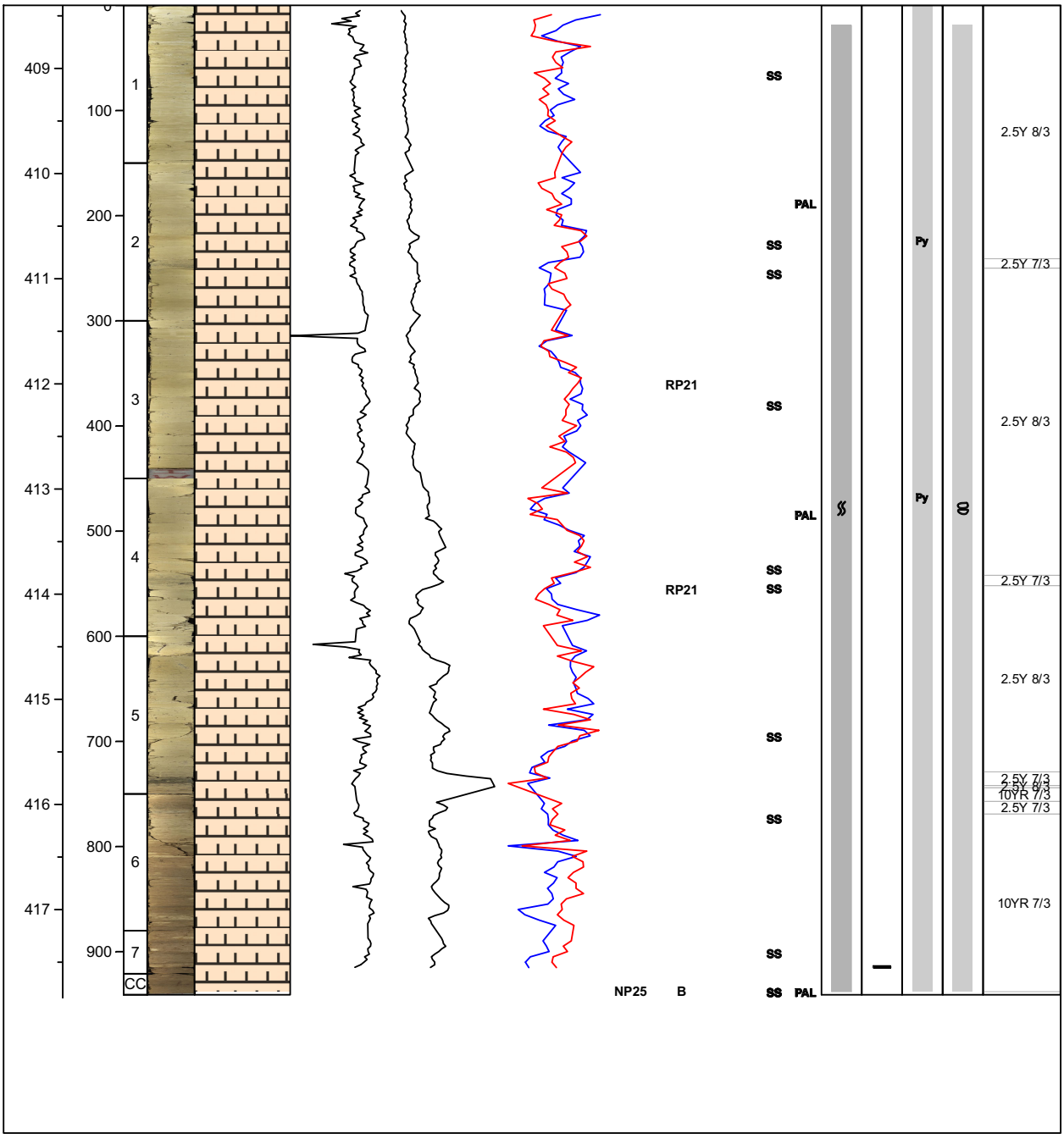
Major lithology: Nannofossil chalk. Pale yellow nannofossil chalk.



Core Photo

Hole 320-U1335A Core 44X, Interval 408.4-417.81 m (CSF-A)

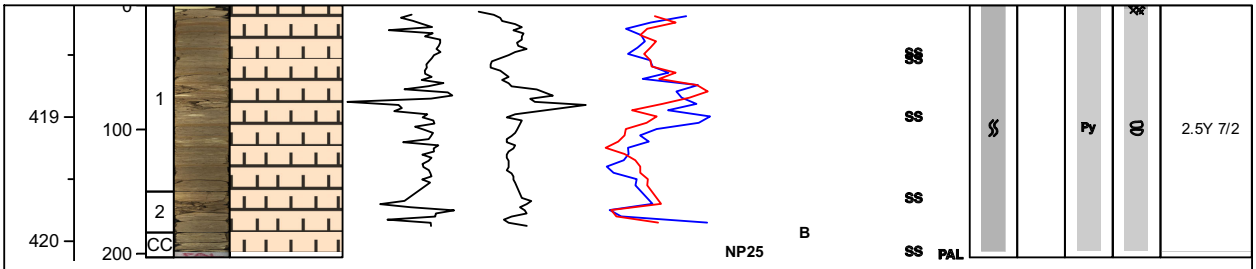
Major lithology: Nannofossil chalk. Pale yellow nannofossil chalk. Four descrete intervals with basalt fragments (100 micron in size).



Core Photo

Hole 320-U1335A Core 45X, Interval 418.1-420.13 m (CSF-A)

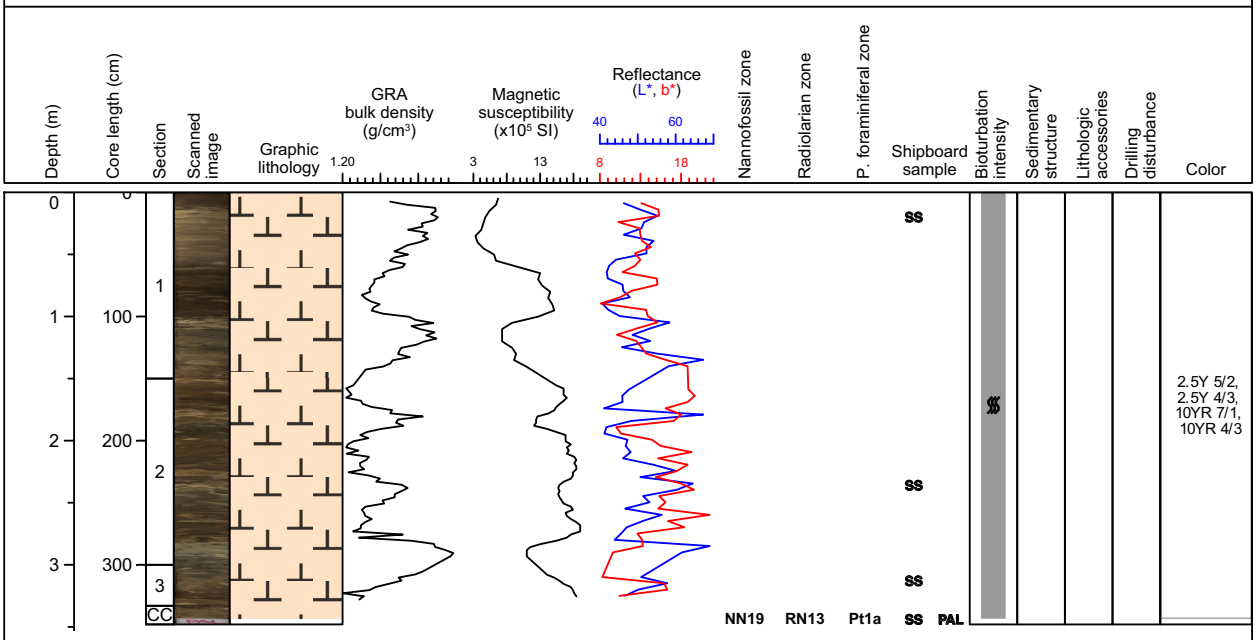
Major lithology: Nannofossil chalk. Light gray nannofossil chalk.



Core Photo

Hole 320-U1335B Core 1H, Interval 0.0-3.48 m (CSF-A)

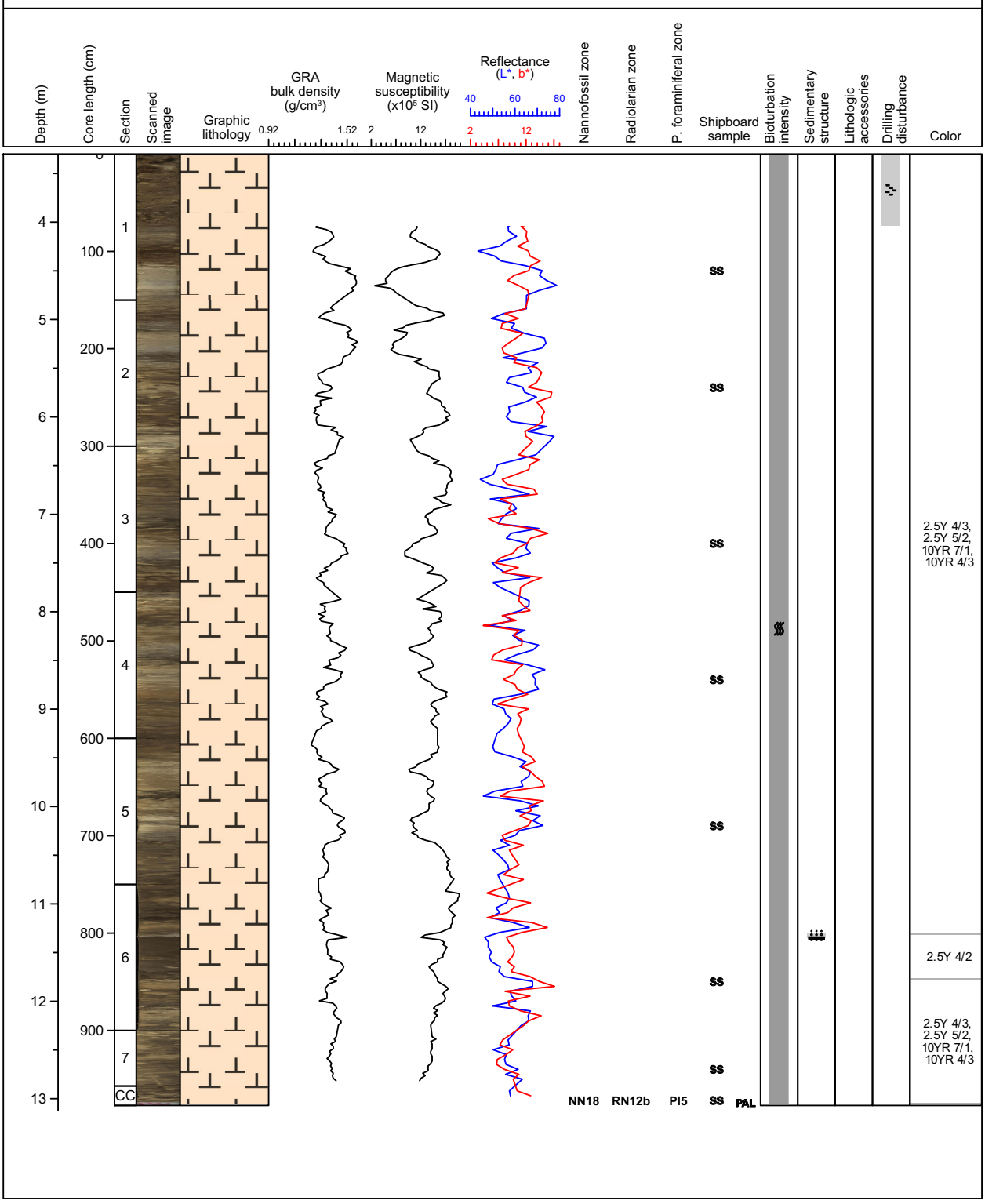
Major lithology: Nannofossil ooze with foraminifer and diatoms; nannofossil ooze with clay, radiolarians, foraminifer, and diatoms; Minor lithology: Nannofossil ooze; diatom nannofossil ooze with clay, radiolarians, and foraminifers. Alternating sequence of light gray nannofossil ooze with foraminifers and diatoms and brown nannofossil ooze with clay, radiolarians, foraminifers, and diatoms, as well as grayish brown nannofossil ooze and olive brown diatom nannofossil ooze with clay, radiolarians, and foraminifers.



Core Photo

Hole 320-U1335B Core 2H, Interval 3.3-13.07 m (CSF-A)

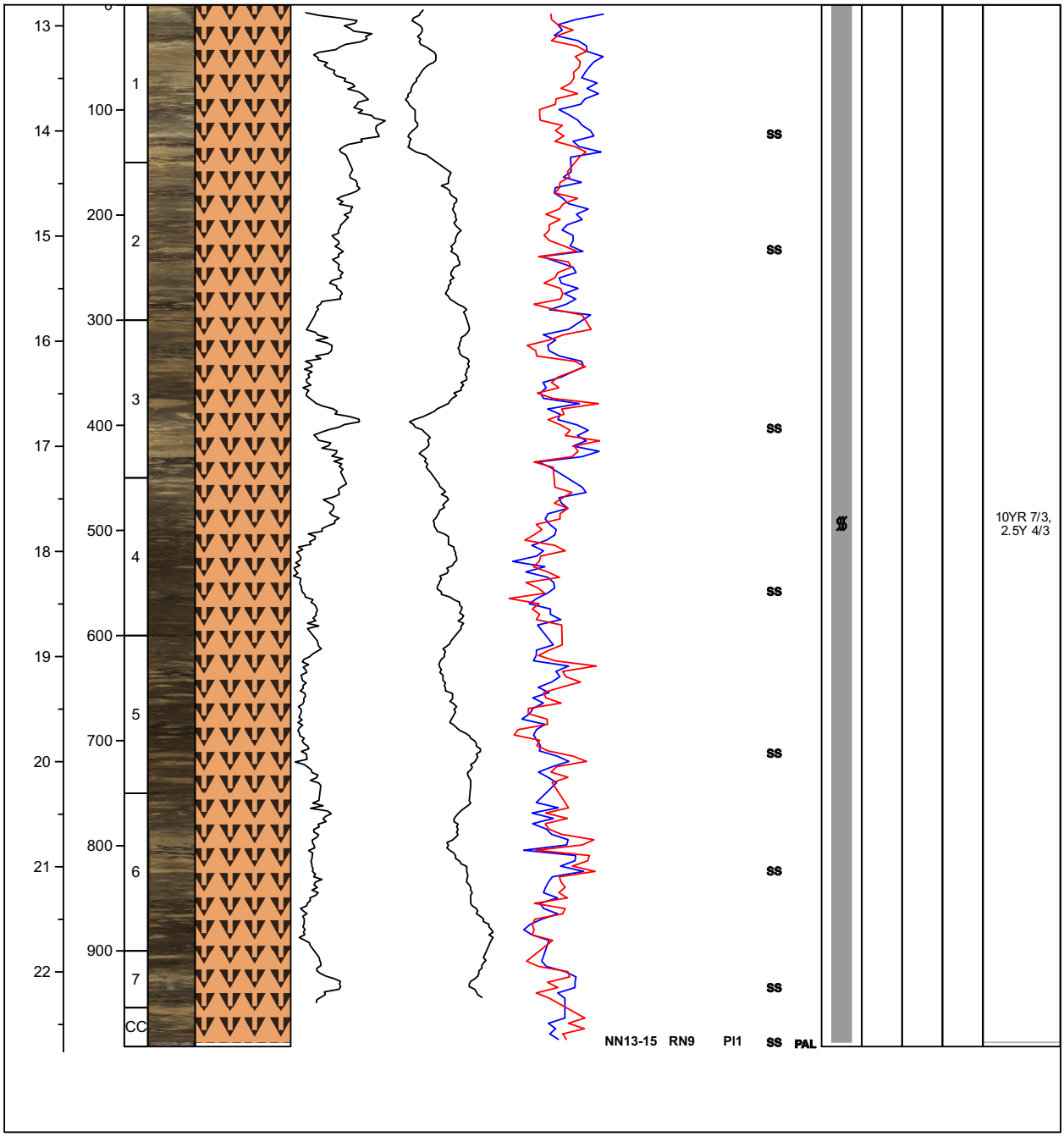
Major lithology: Nannofossil ooze with foraminifers and diatoms; nannofossil ooze with clay, radiolarians, foraminifers, and diatoms; Minor lithology: Nannofossil ooze; diatom nannofossil ooze with clay, radiolarians, and foraminifers. Alternating sequence of light gray nannofossil ooze with foraminifers and diatoms and brown nannofossil ooze with clay, radiolarians, foraminifers, and diatoms, as well as grayish brown nannofossil ooze and olive brown diatom nannofossil ooze with clay, radiolarians, and foraminifers. One erosional surface with a coarse basal layer of light gray foraminifer nannofossil ooze.



Core Photo

Hole 320-U1335B Core 3H, Interval 12.8-22.71 m (CSF-A)

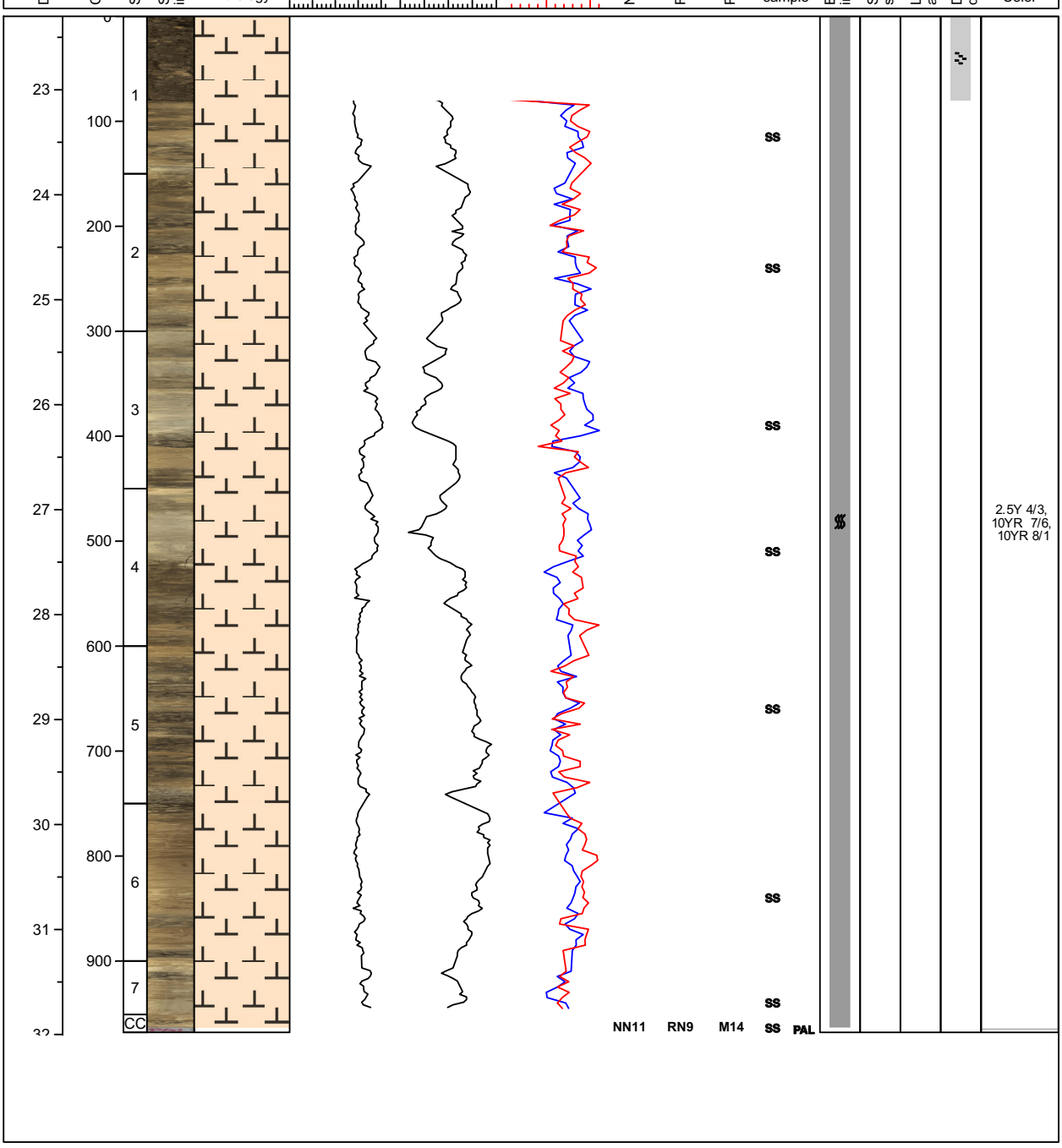
Major lithology: Nannofossil diatom ooze with foraminifers; nannofossil diatom ooze with clay and foraminifers. Alternation of olive brown nannofossil diatom ooze with clay and foraminifers and very pale brown nannofossil diatom ooze with foraminifers. Lithology and colors are variable throughout core due to intense bioturbation.



Core Photo

Hole 320-U1335B Core 4H, Interval 22.3-31.98 m (CSF-A)

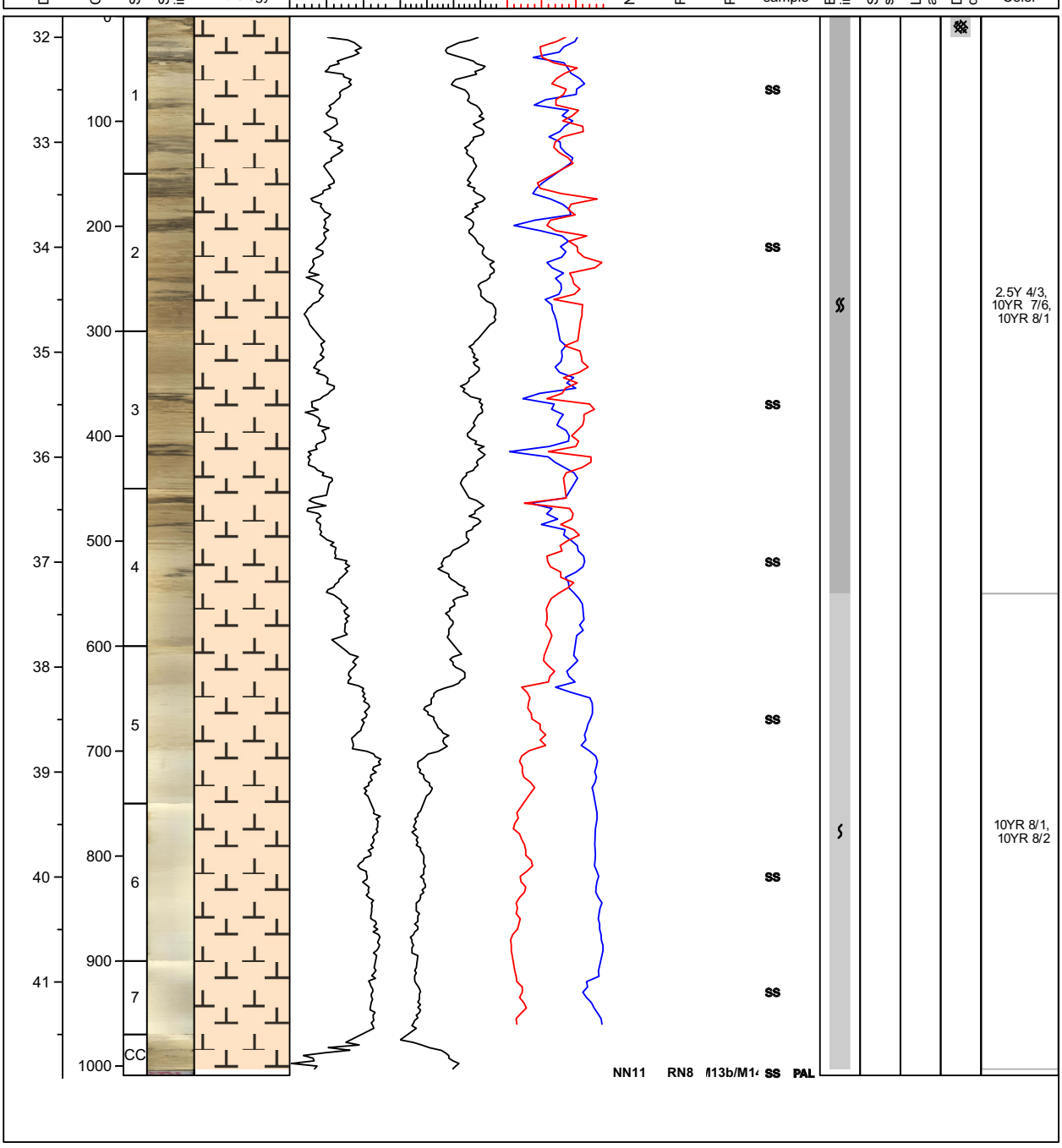
Major lithology: Diatom nannofossil ooze; nannofossil ooze with diatoms; diatom nannofossil ooze with clay. Alternation of olive brown diatom nannofossil ooze with clay, white nannofossil ooze with diatoms, and yellow diatom nannofossil ooze. Lithology and colors are variable throughout core due to intense bioturbation.



Core Photo

Hole 320-U1335B Core 5H, Interval 31.8-41.89 m (CSF-A)

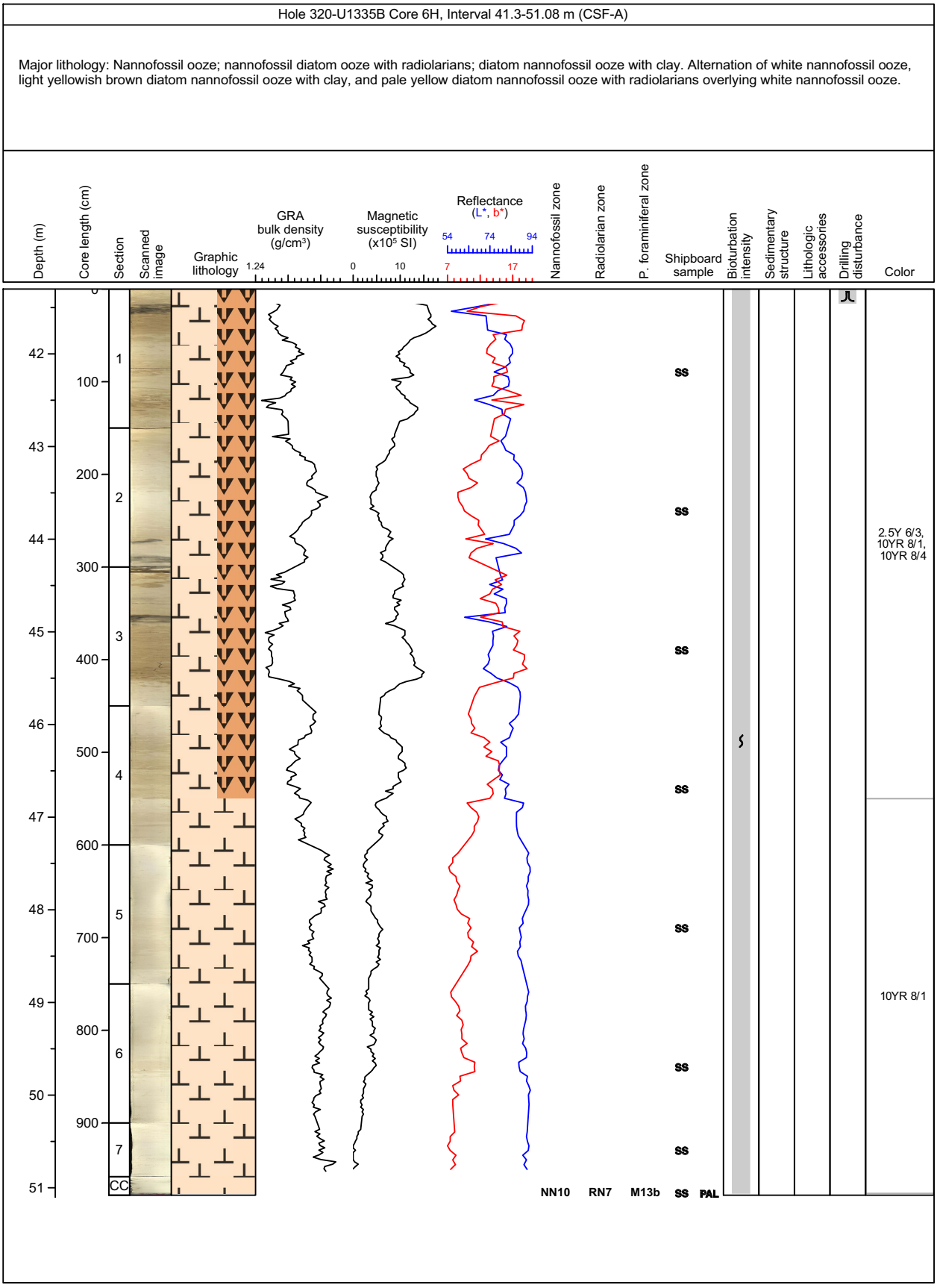
Major lithologies: Nannofossil ooze; diatom nannofossil ooze; nannofossil ooze with diatoms; diatom nannofossil ooze with clay. Alternation of olive brown diatom nannofossil ooze with clay, white nannofossil ooze with diatoms, and yellow diatom nannofossil ooze overlying dark-light alternations of white nannofossil ooze.



Core Photo

Hole 320-U1335B Core 6H, Interval 41.3-51.08 m (CSF-A)

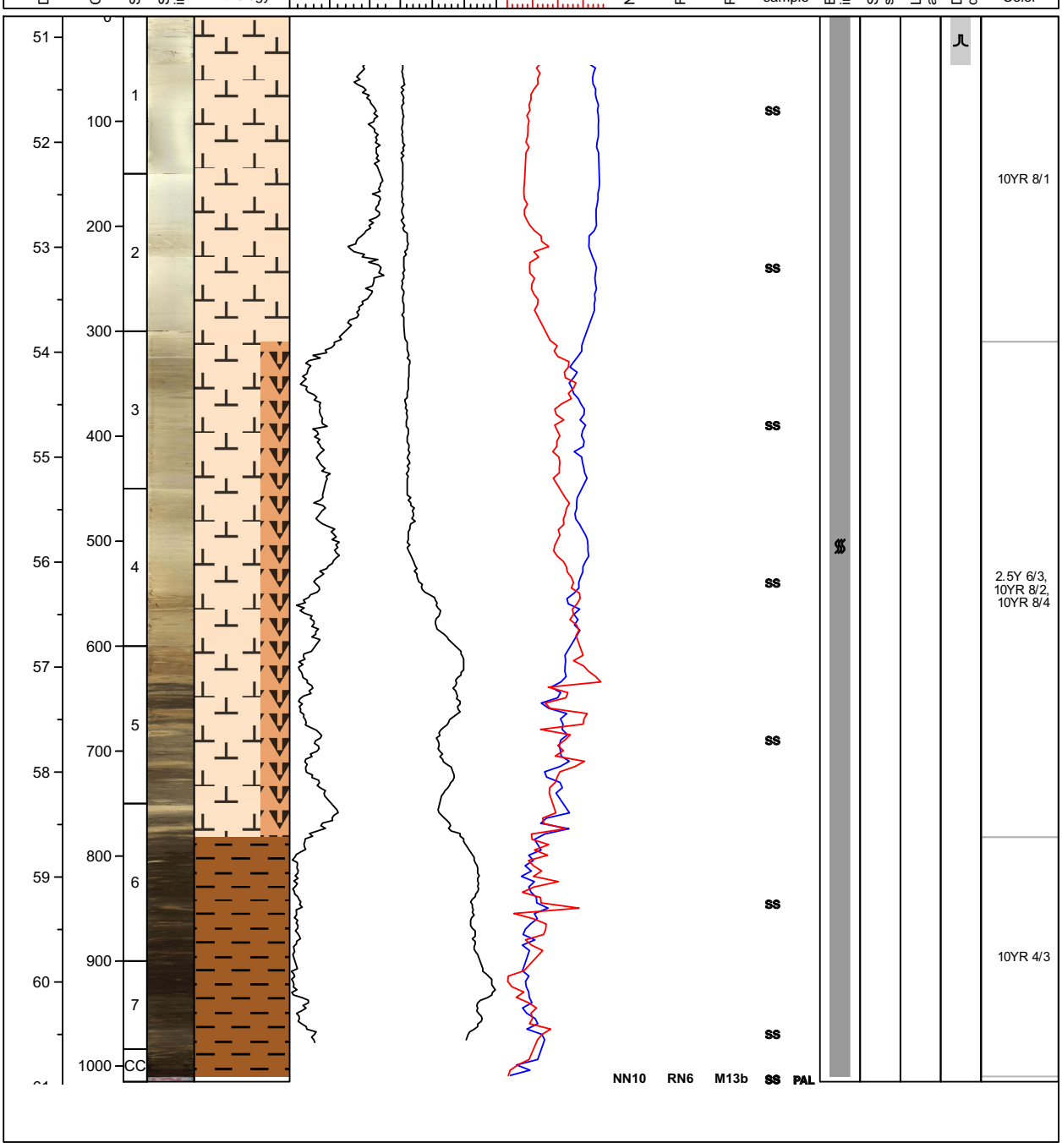
Major lithology: Nannofossil ooze; nannofossil diatom ooze with radiolarians; diatom nannofossil ooze with clay. Alternation of white nannofossil ooze, light yellowish brown diatom nannofossil ooze with clay, and pale yellow diatom nannofossil ooze with radiolarians overlying white nannofossil ooze.



Core Photo

Hole 320-U1335B Core 7H, Interval 50.8-60.95 m (CSF-A)

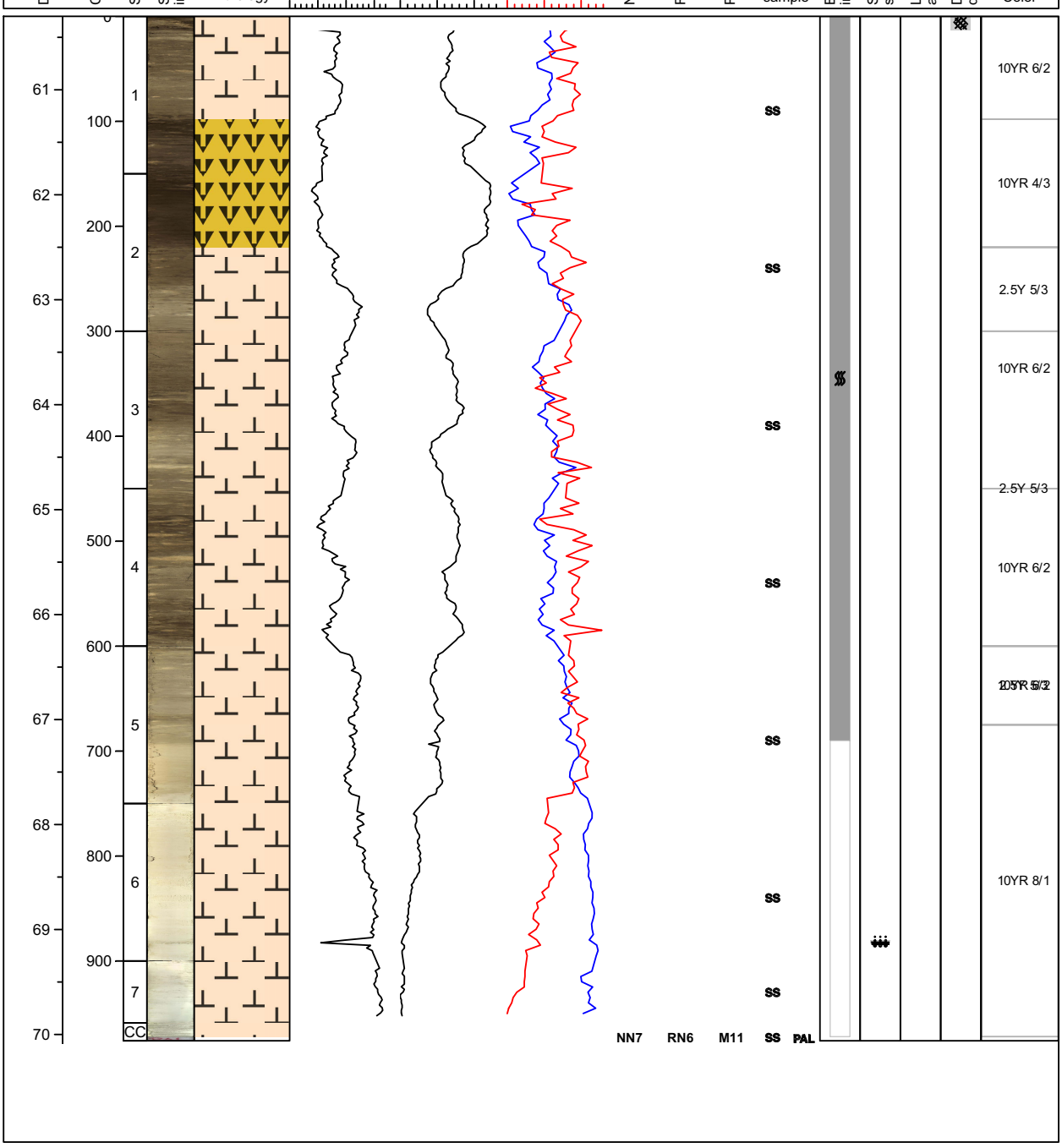
Major lithology: Nannofossil ooze; clayey radiolarian ooze; diatom nannofossil ooze with clay; nannofossil diatom ooze with radiolarians. White and very pale brown nannofossil ooze overlying alternating sequences of nannofossil ooze, diatom nannofossil ooze with clay, and nannofossil diatom ooze with radiolarians. These sediments overlie brown clay with radiolarians and diatoms.



Core Photo

Hole 320-U1335B Core 8H, Interval 60.3-70.06 m (CSF-A)

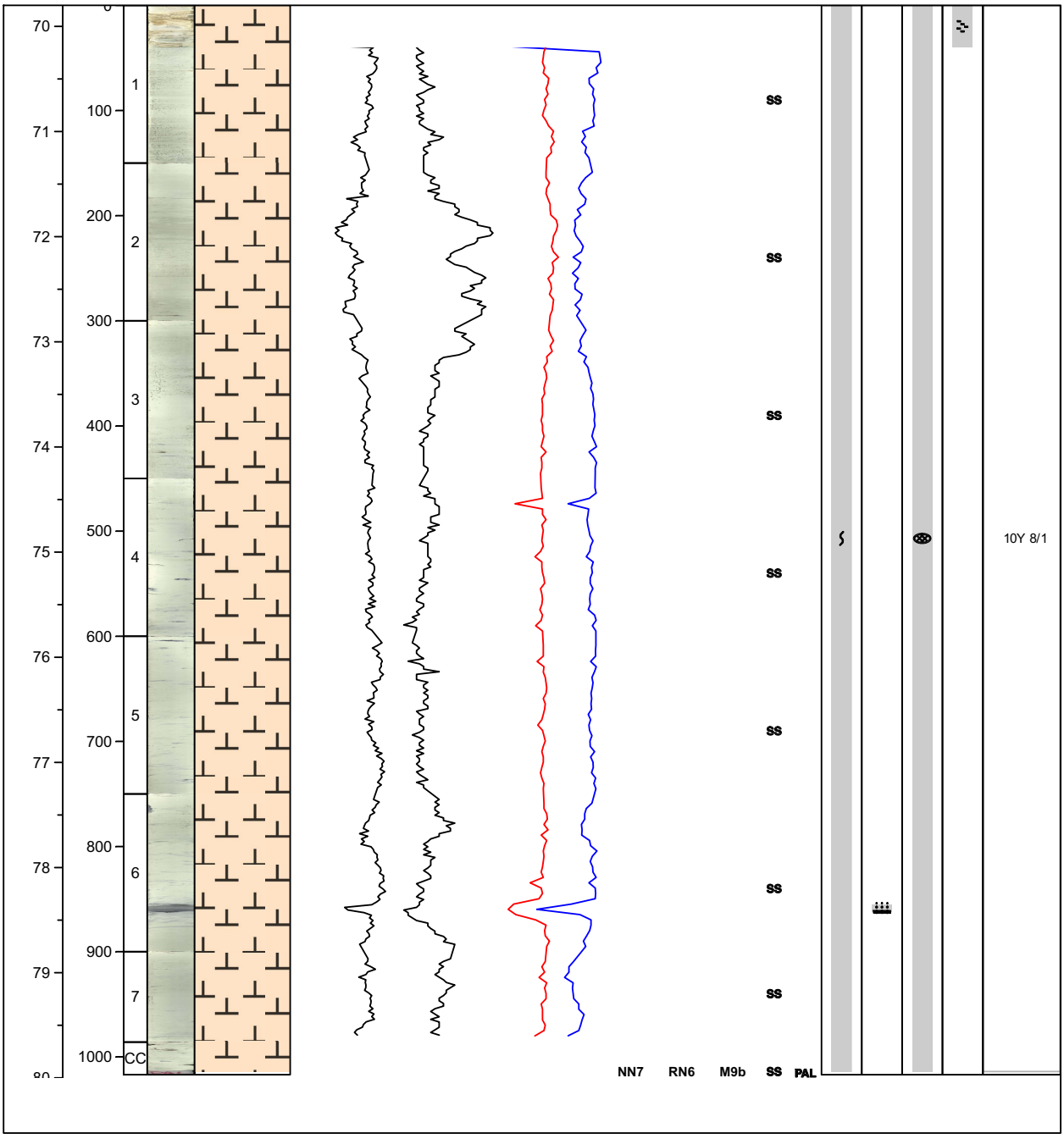
Major lithologies: Nannofossil ooze; nannofossil ooze with radiolarians; clayey diatom ooze with radiolarians; Diatom nannofossil ooze with clay; Light brownish gray nannofossil ooze with radiolarians overlying alternation of brown clayey diatom ooze and light olive brown diatom nannofossil ooze. These sediments overlie white nannofossil ooze.



Core Photo

Hole 320-U1335B Core 9H, Interval 69.8-79.97 m (CSF-A)

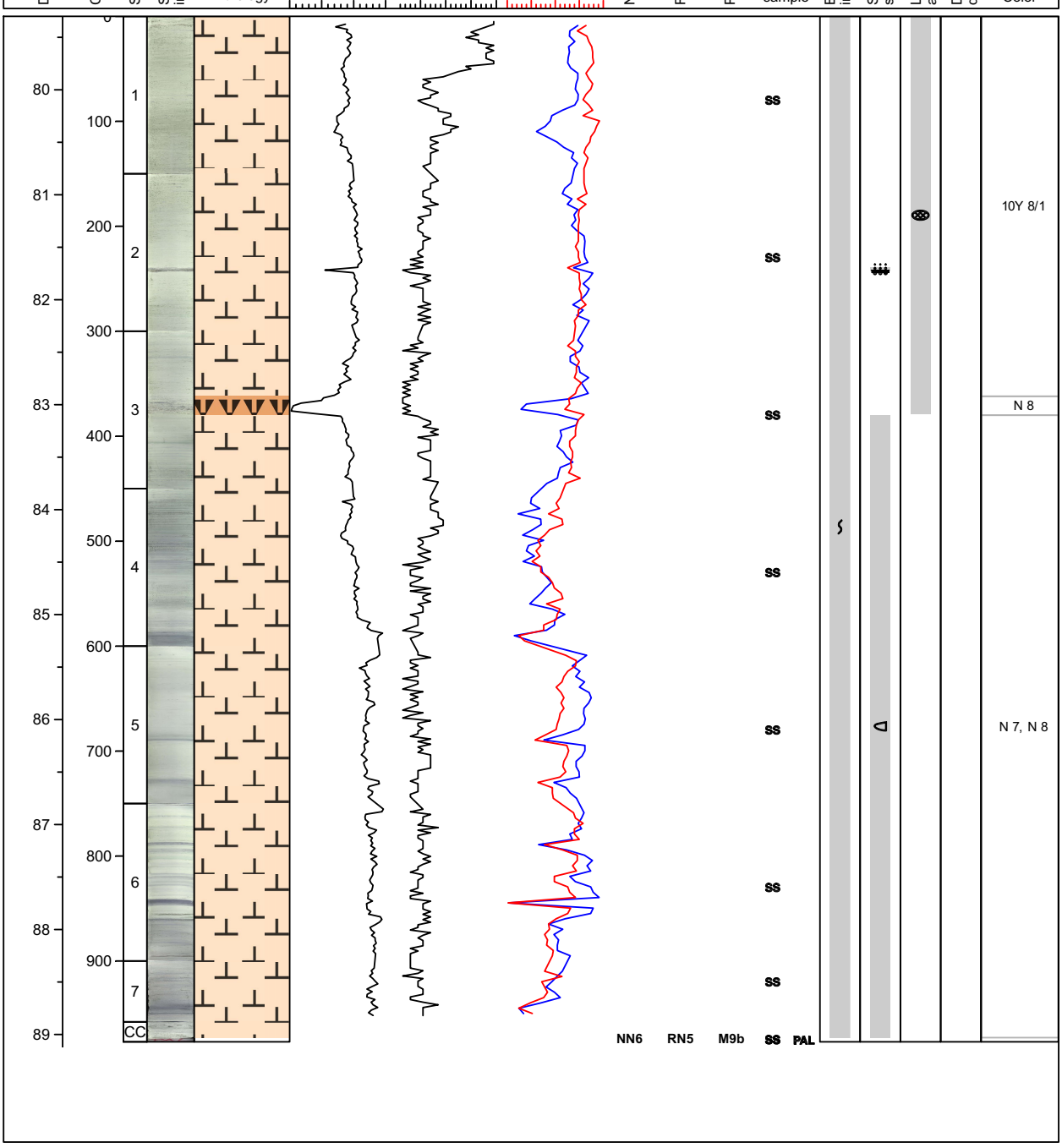
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Homogeneous light greenish gray nannofossil ooze. Light gray nannofossil foraminifer ooze layer (6 cm-thick) with sharp erosional basal contact.



Core Photo

Hole 320-U1335B Core 10H, Interval 79.3-89.07 m (CSF-A)

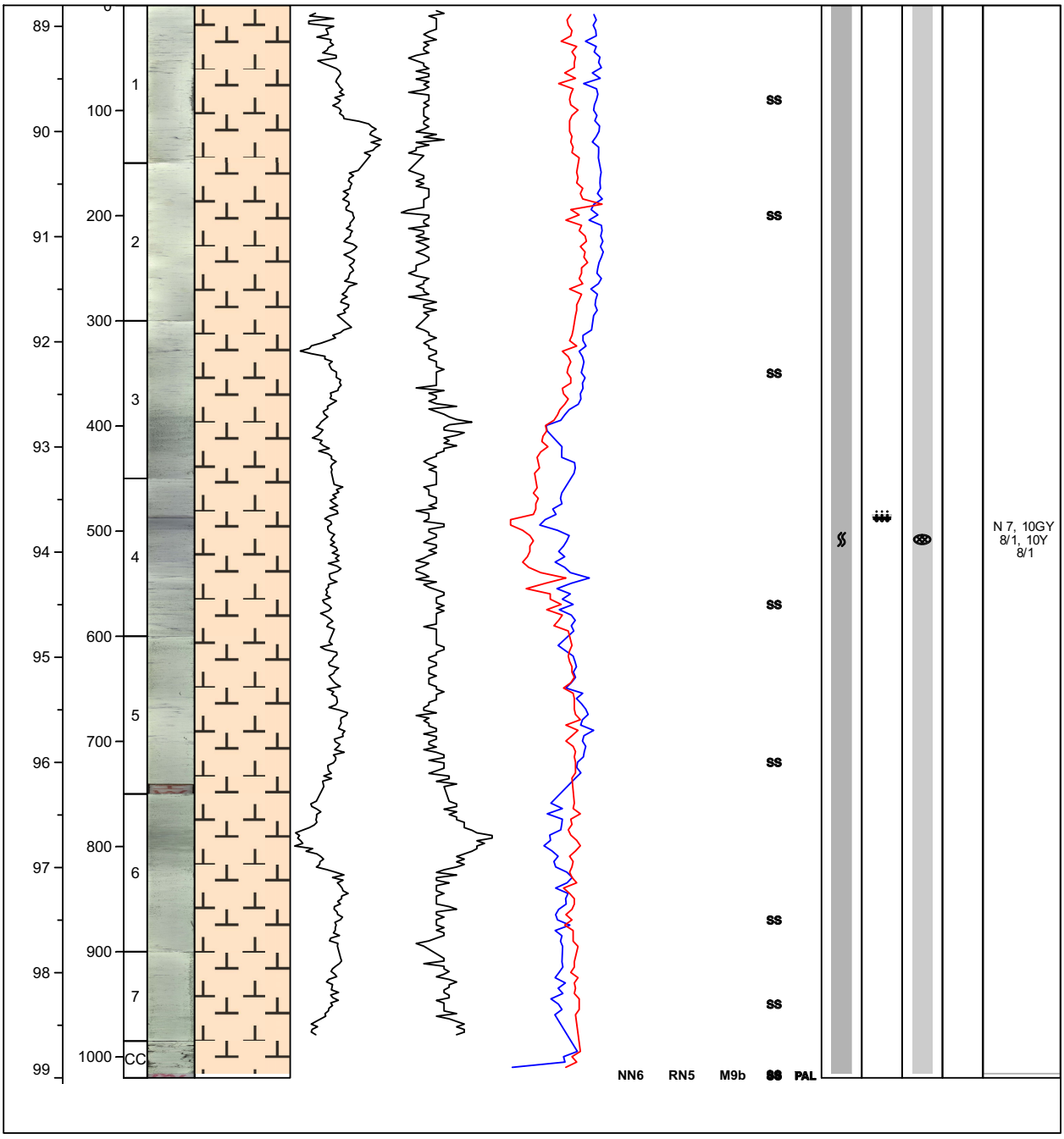
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil diatom ooze; nannofossil foraminifer ooze. Light greenish gray nannofossil ooze with light gray nannofossil diatom ooze. Pervasive color banding in core Sections 4 through 7.



Core Photo

Hole 320-U1335B Core 11H, Interval 88.8-99.0 m (CSF-A)

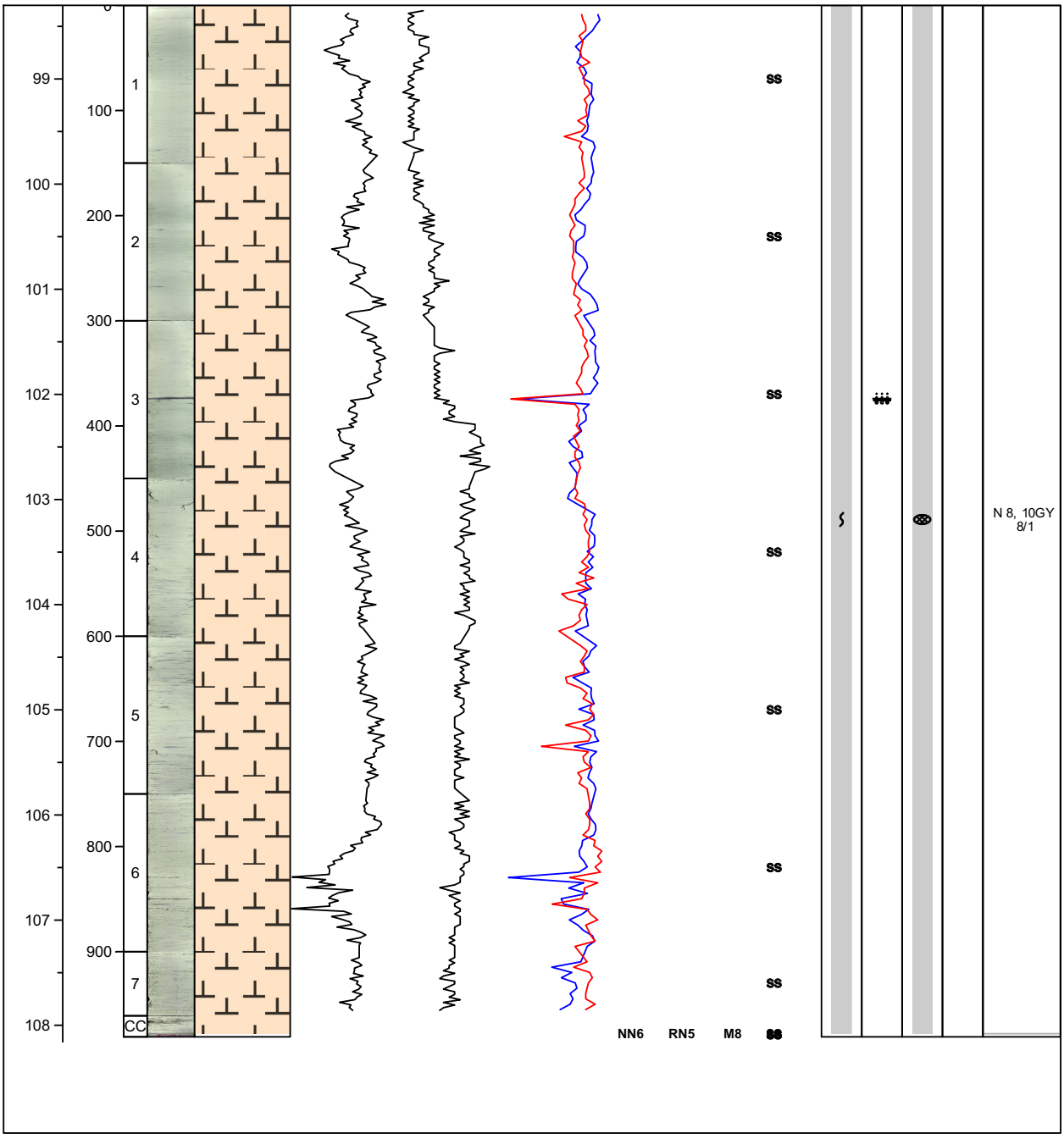
Major lithology: Nannofossil ooze. Alternating sequence of light greenish gray nannofossil ooze and light gray nannofossil ooze.



Core Photo

Hole 320-U1335B Core 12H, Interval 98.3-108.11 m (CSF-A)

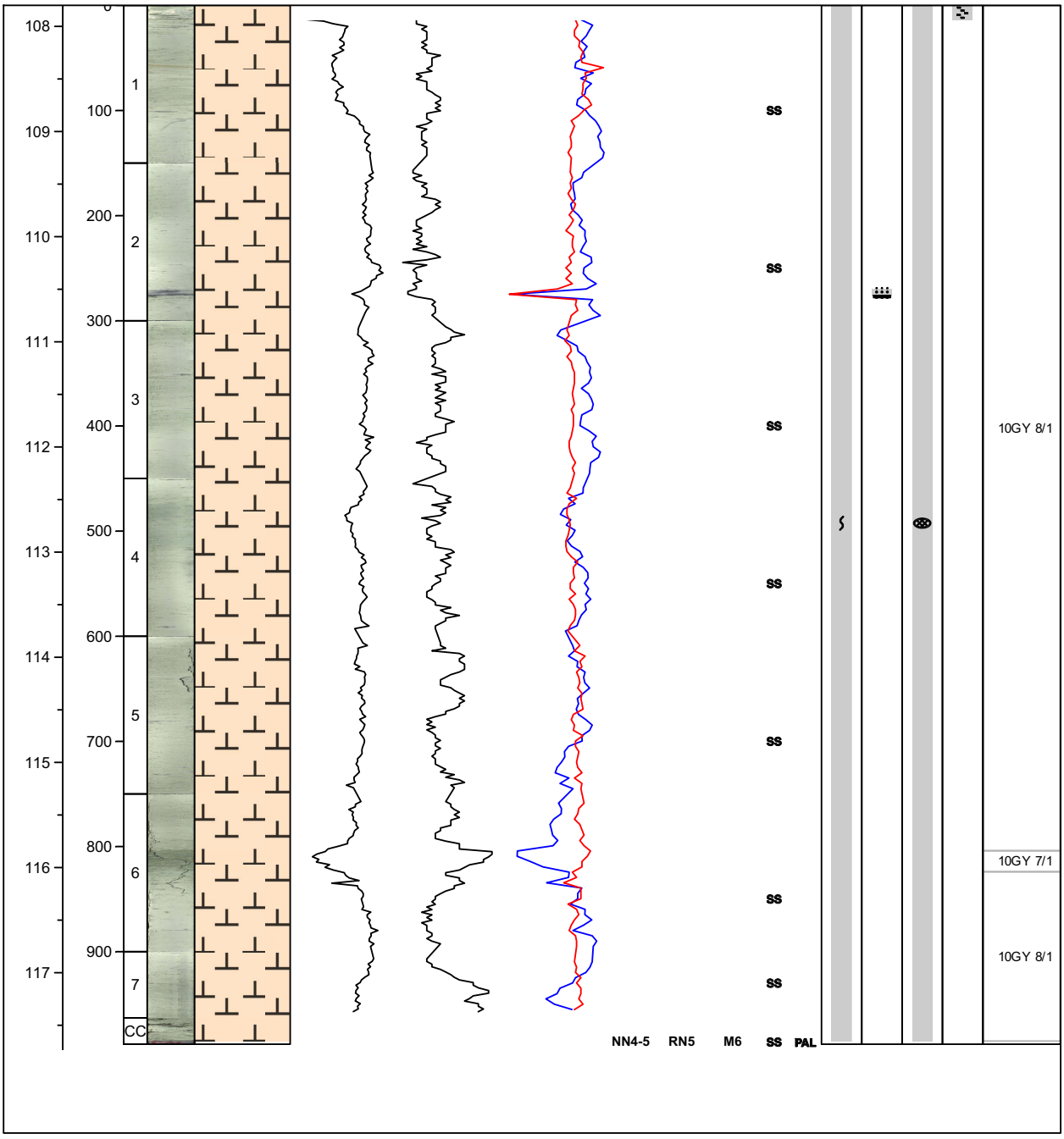
Major lithology: Nannofossil ooze. Alternating sequence of light greenish gray nannofossil ooze and white nannofossil ooze.



Core Photo

Hole 320-U1335B Core 13H, Interval 107.8-117.68 m (CSF-A)

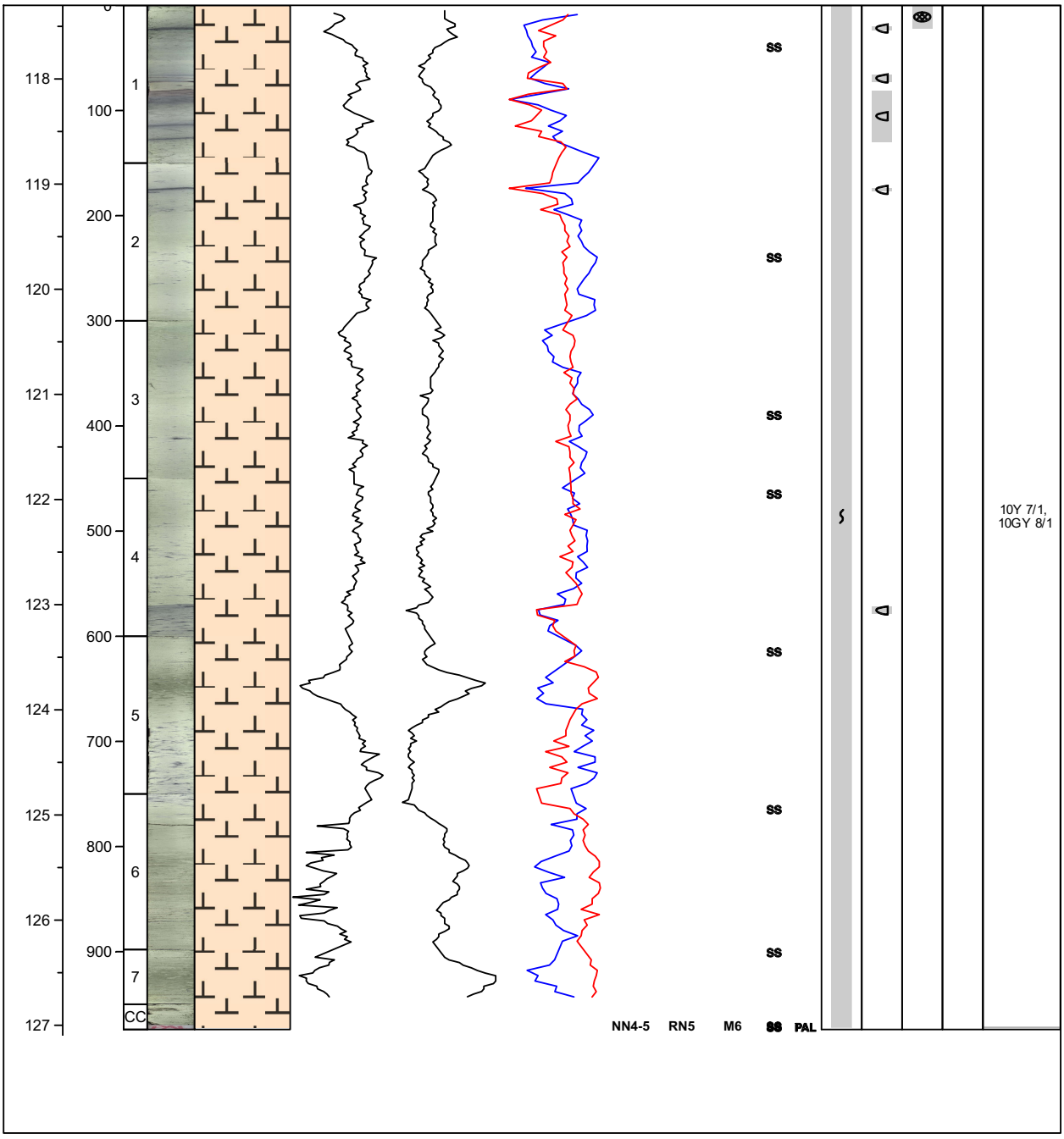
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil ooze with radiolarians. White nannofossil ooze interbedded by light greenish gray nannofossil ooze with radiolarians.



Core Photo

Hole 320-U1335B Core 14H, Interval 117.3-127.04 m (CSF-A)

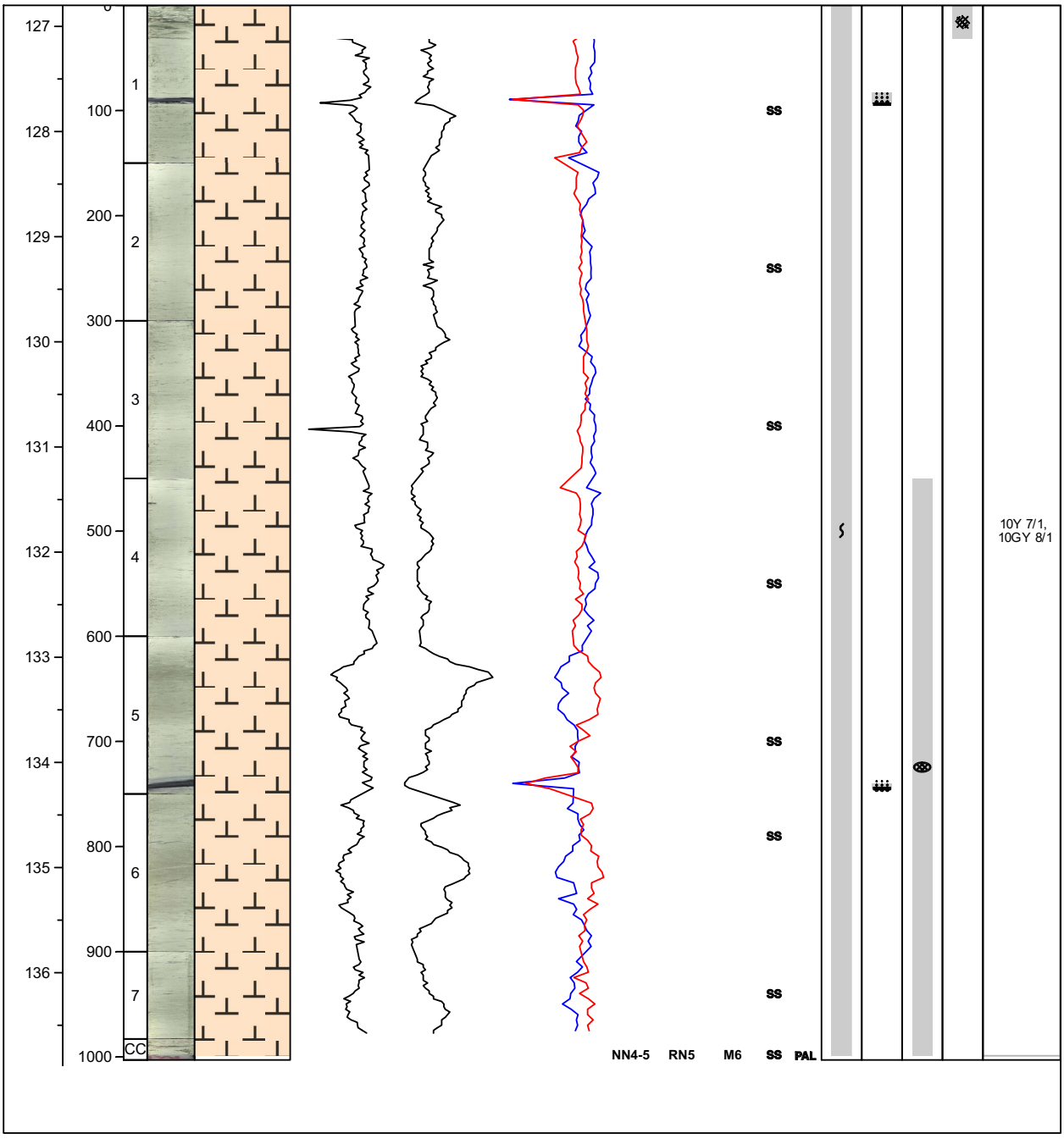
Major lithology: Nannofossil ooze. Alternating sequence of light gray nannofossil ooze interbedded by light greenish gray nannofossil ooze. Abundant color banding in upper sections of core.



Core Photo

Hole 320-U1335B Core 15H, Interval 126.8-136.83 m (CSF-A)

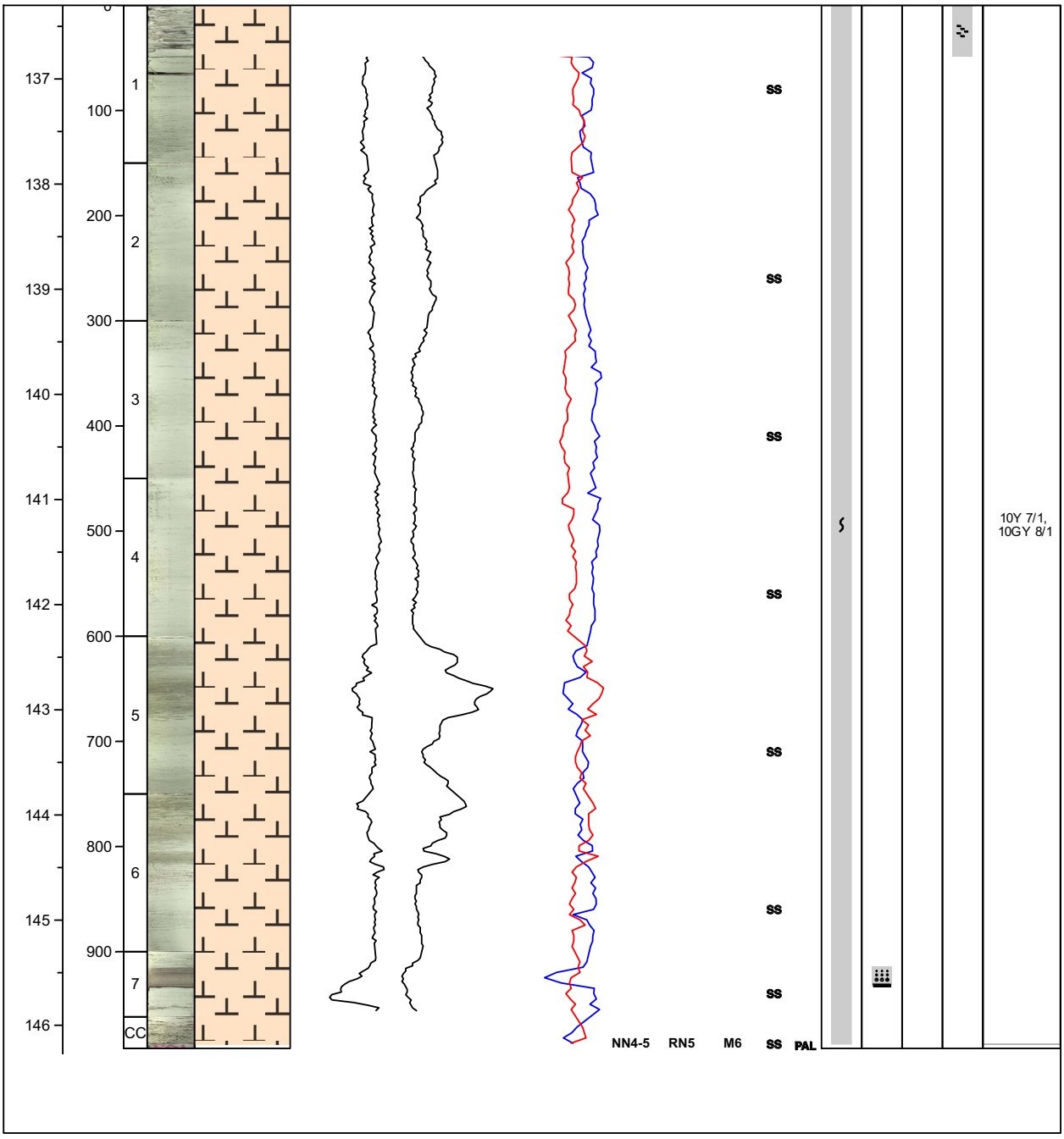
Major lithology: Nannofossil ooze. Alternating sequence of white nannofossil ooze and light greenish gray nannofossil ooze. Two erosional contacts overlain by fining upward sequences are present.



Core Photo

Hole 320-U1335B Core 16H, Interval 136.3-146.22 m (CSF-A)

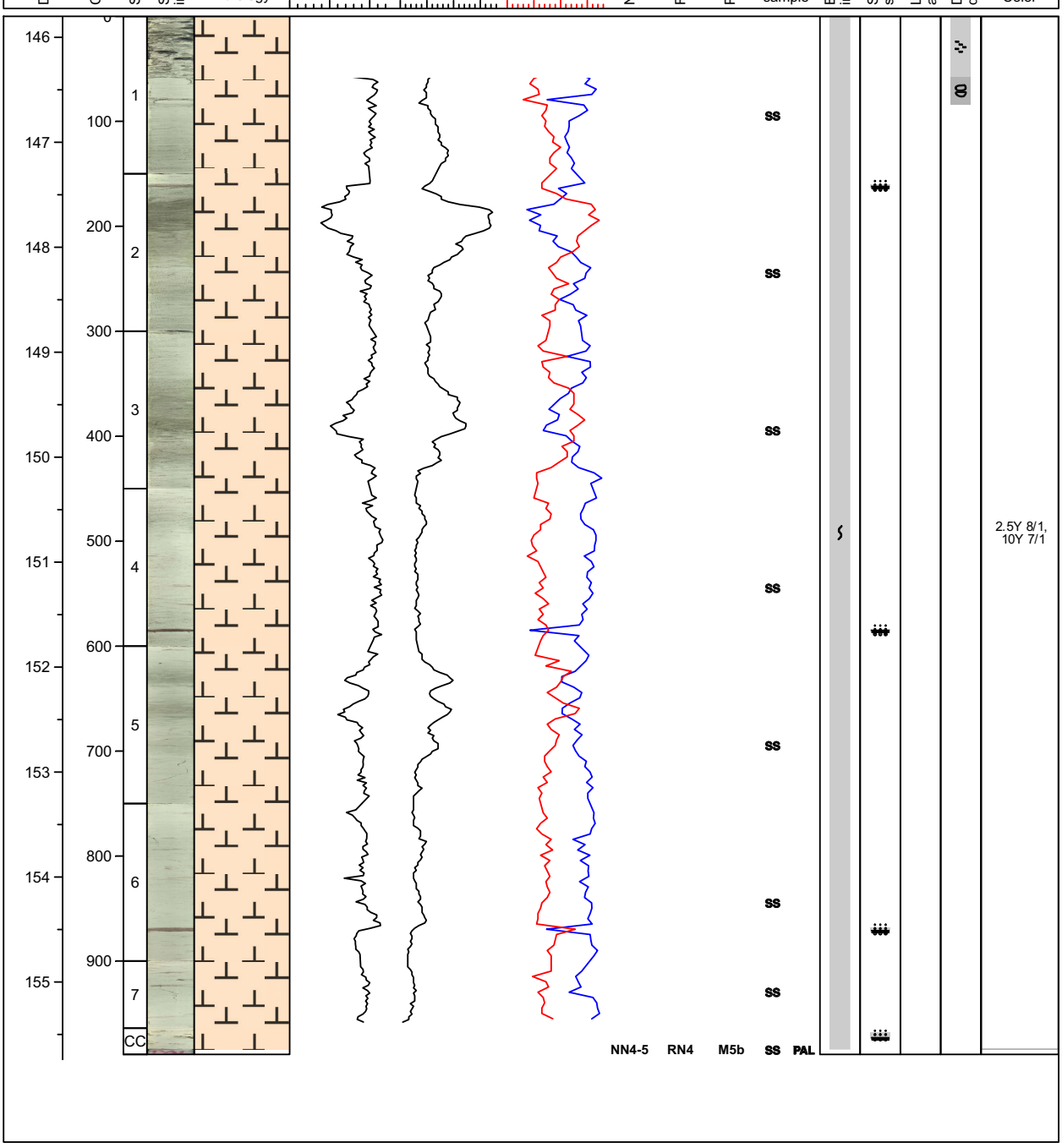
Major lithology: Nannofossil ooze; Minor lithology: nannofossil foraminifer ooze. Alternating sequence of white nannofossil ooze and light greenish gray nannofossil ooze with radiolarians. A large foraminifer sand is present above an erosional boundary.



Core Photo

Hole 320-U1335B Core 17H, Interval 145.8-155.69 m (CSF-A)

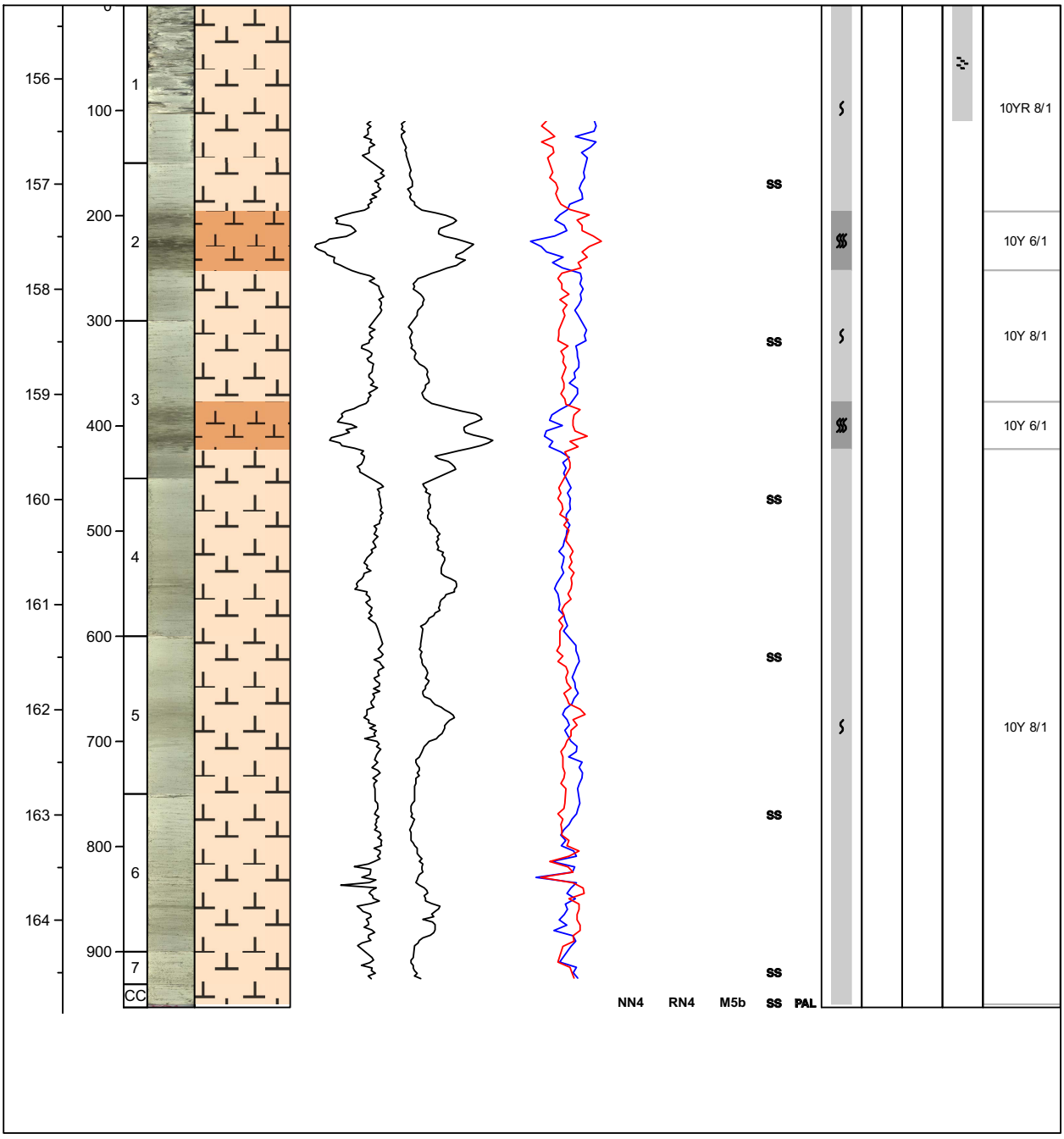
Major lithology: Nannofossil ooze; Minor lithology: Nannofossil foraminifer ooze. Alternating sequence of white nannofossil ooze and light greenish gray nannofossil ooze with diatoms. Three pale brown foraminifer sand layers are present above an erosional boundary.



Core Photo

Hole 320-U1335B Core 18H, Interval 155.3-164.83 m (CSF-A)

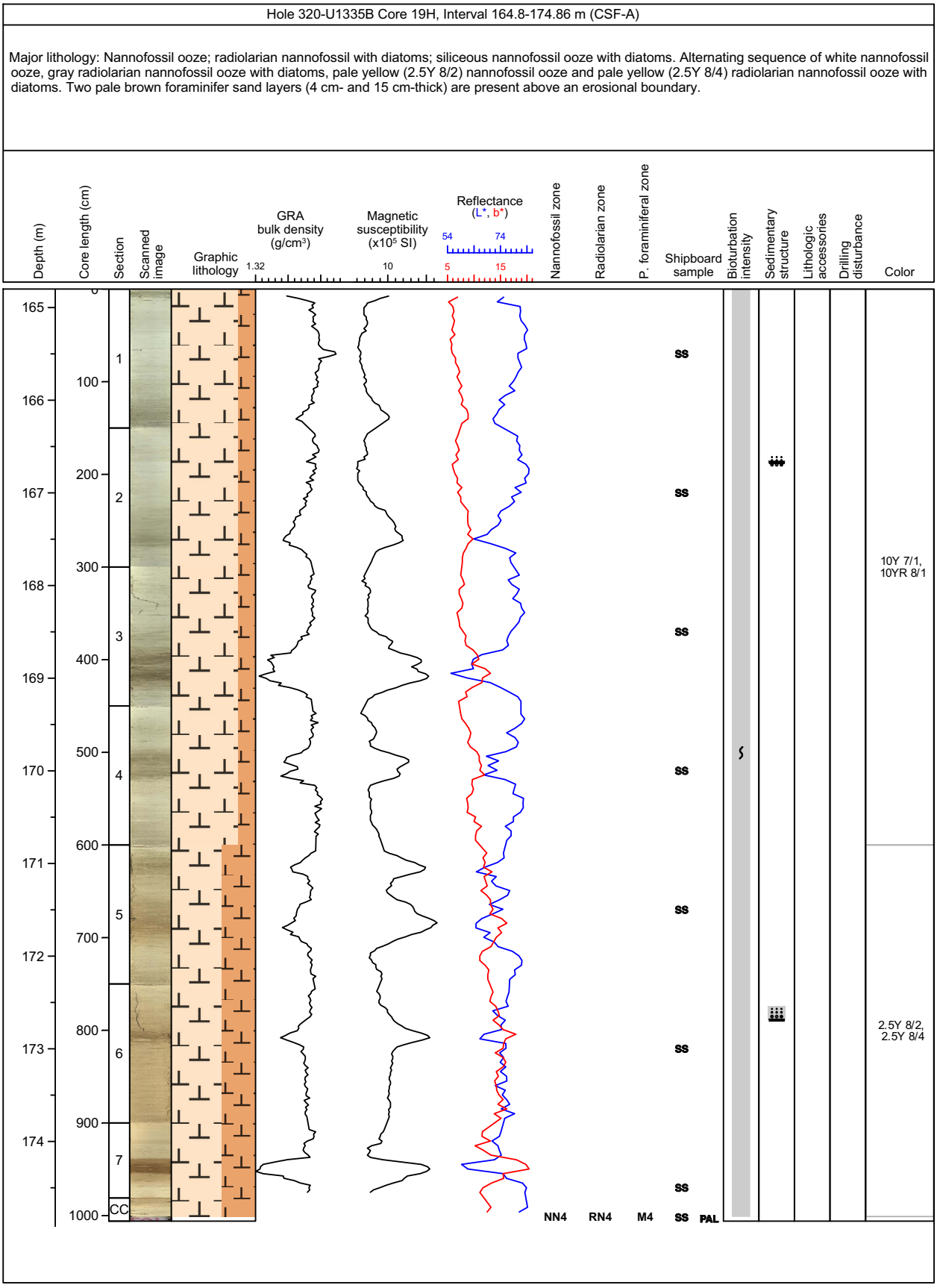
Major lithology: Nannofossil ooze; radiolarian nannofossil with diatoms; nannofossil ooze with foraminifers. Alternating sequence of white nannofossil ooze, gray radiolarian nannofossil ooze with diatoms, and light greenish gray nannofossil ooze with foraminifers.



Core Photo

Hole 320-U1335B Core 19H, Interval 164.8-174.86 m (CSF-A)

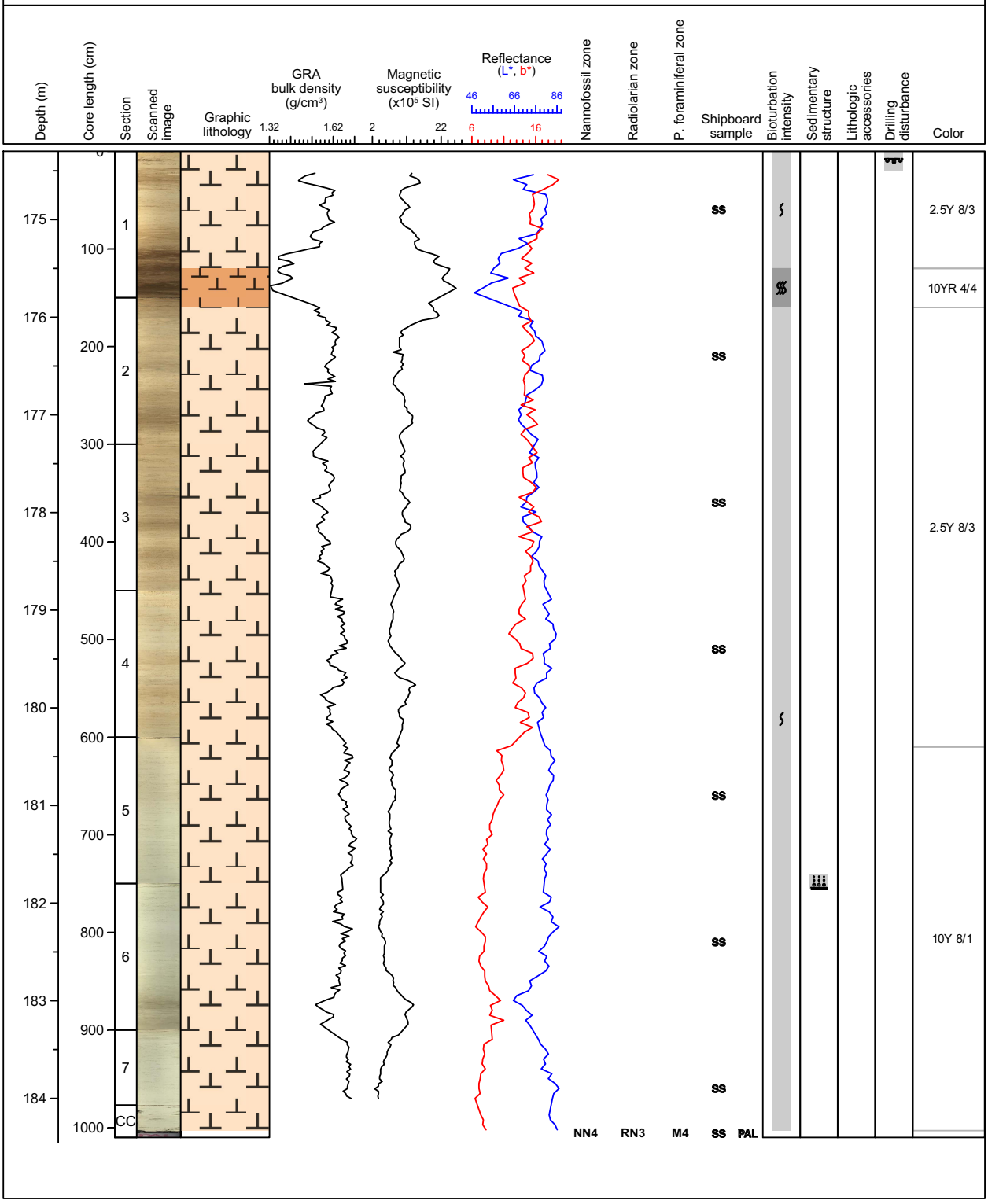
Major lithology: Nannofossil ooze; radiolarian nannofossil with diatoms; siliceous nannofossil ooze with diatoms. Alternating sequence of white nannofossil ooze, gray radiolarian nannofossil ooze with diatoms, pale yellow (2.5Y 8/2) nannofossil ooze and pale yellow (2.5Y 8/4) radiolarian nannofossil ooze with diatoms. Two pale brown foraminifer sand layers (4 cm- and 15 cm-thick) are present above an erosional boundary.



Core Photo

Hole 320-U1335B Core 20H, Interval 174.3-184.4 m (CSF-A)

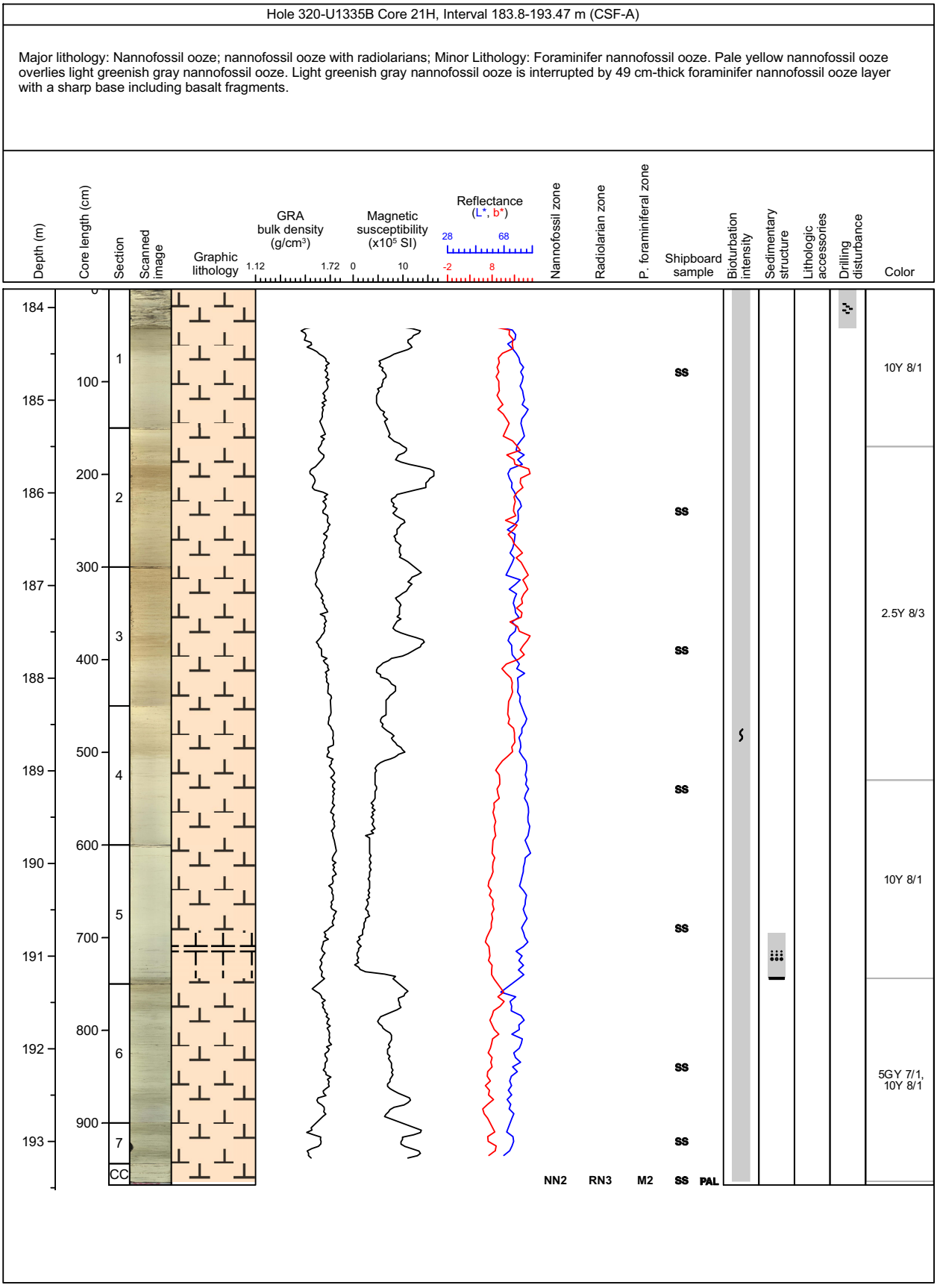
Major lithology: Nannofossil ooze, radiolarian nannofossil ooze. Pale yellow nannofossil ooze overlies a dark yellowish brown radiolarian nannofossil ooze with diatoms, pale yellow nannofossil ooze and light greenish gray nannofossil ooze. One erosional surface overlain by a fining upward sequence is present.



Core Photo

Hole 320-U1335B Core 21H, Interval 183.8-193.47 m (CSF-A)

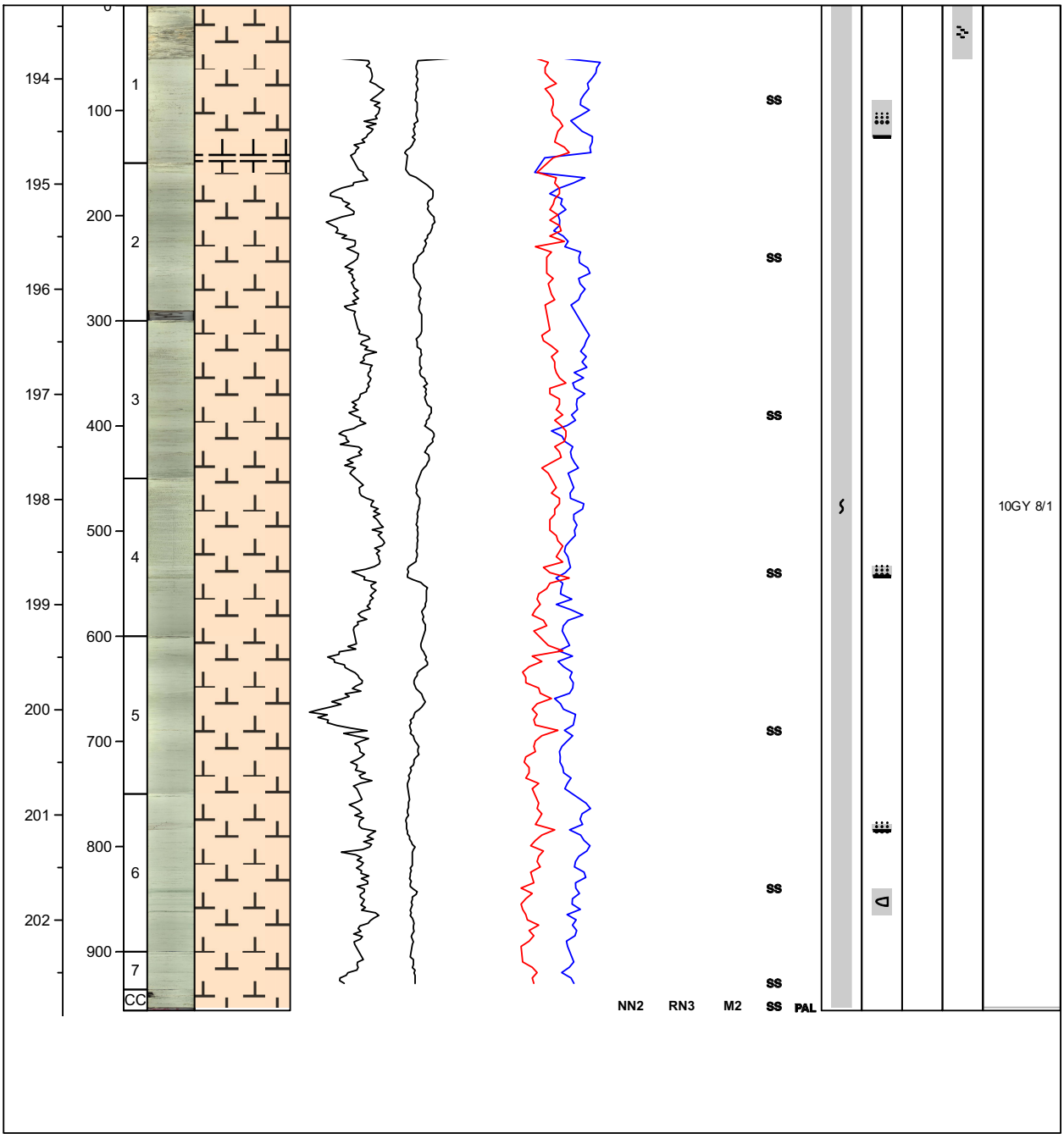
Major lithology: Nannofossil ooze; nannofossil ooze with radiolarians; Minor Lithology: Foraminifer nannofossil ooze. Pale yellow nannofossil ooze overlies light greenish gray nannofossil ooze. Light greenish gray nannofossil ooze is interrupted by 49 cm-thick foraminifer nannofossil ooze layer with a sharp base including basalt fragments.



Core Photo

Hole 320-U1335B Core 22H, Interval 193.3-202.86 m (CSF-A)

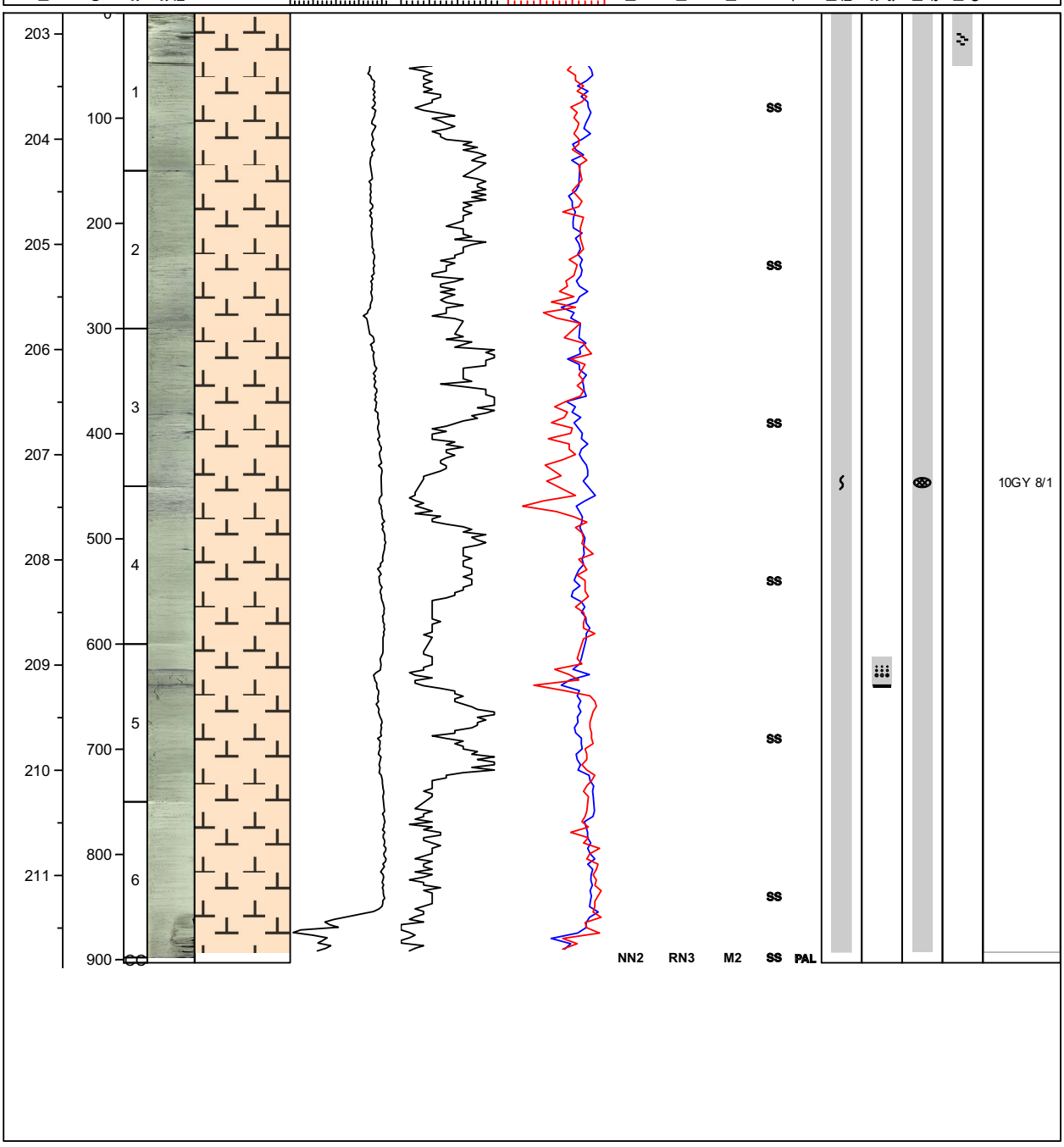
Major lithology: Nannofossil ooze; Minor lithology: Foraminifer nannofossil ooze. Homogeneous light greenish gray nannofossil ooze interrupted by three layers of foraminifer nannofossil ooze with a sharp erosional base.



Core Photo

Hole 320-U1335B Core 23H, Interval 202.8-211.83 m (CSF-A)

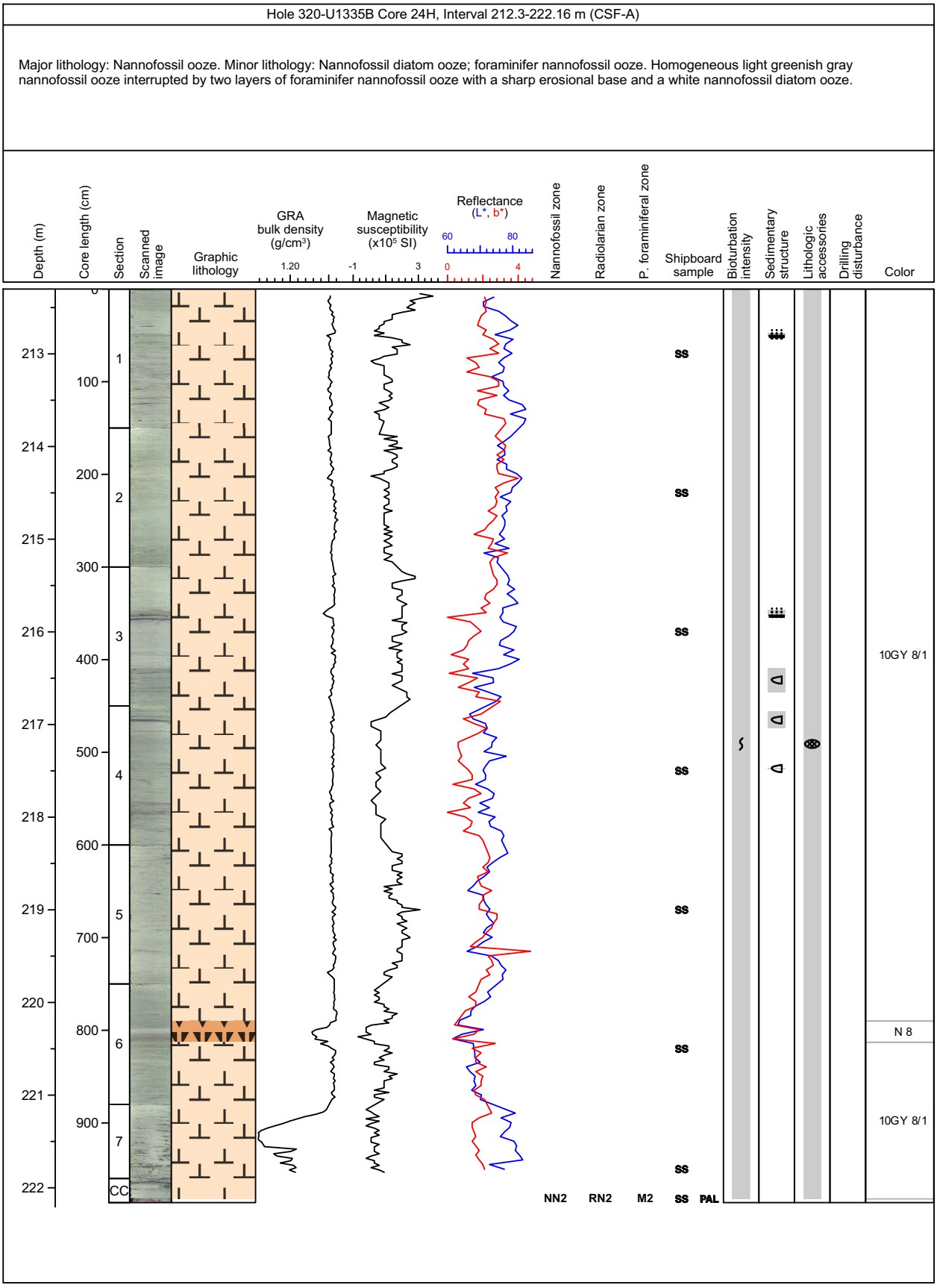
Major lithology: Nannofossil ooze; Minor lithology: Foraminifer nannofossil ooze. Homogeneous light greenish gray nannofossil ooze interrupted by three layers of foraminifer nannofossil ooze with a sharp erosional base.



Core Photo

Hole 320-U1335B Core 24H, Interval 212.3-222.16 m (CSF-A)

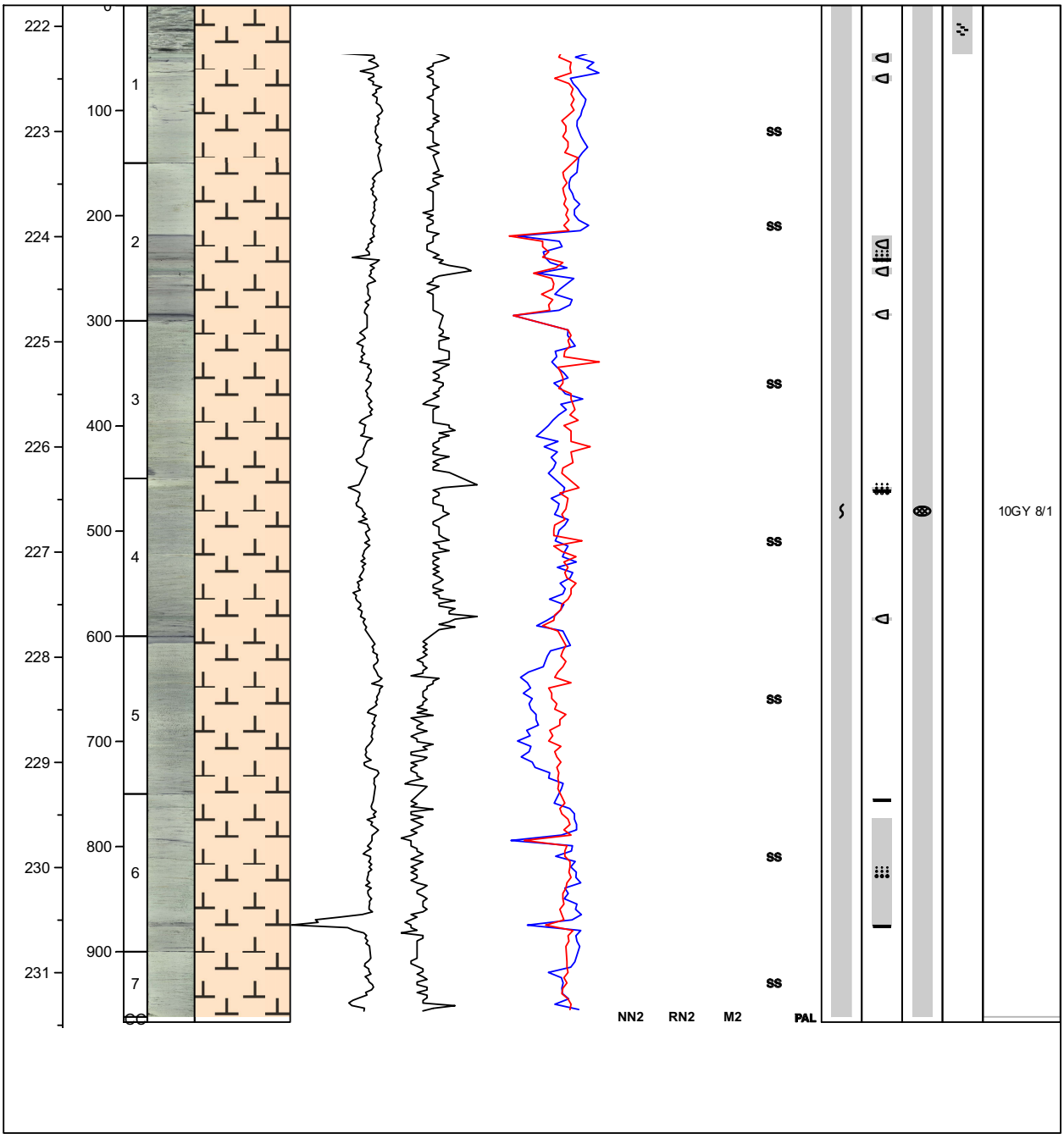
Major lithology: Nannofossil ooze. Minor lithology: Nannofossil diatom ooze; foraminifer nannofossil ooze. Homogeneous light greenish gray nannofossil ooze interrupted by two layers of foraminifer nannofossil ooze with a sharp erosional base and a white nannofossil diatom ooze.



Core Photo

Hole 320-U1335B Core 25H, Interval 221.8-231.47 m (CSF-A)

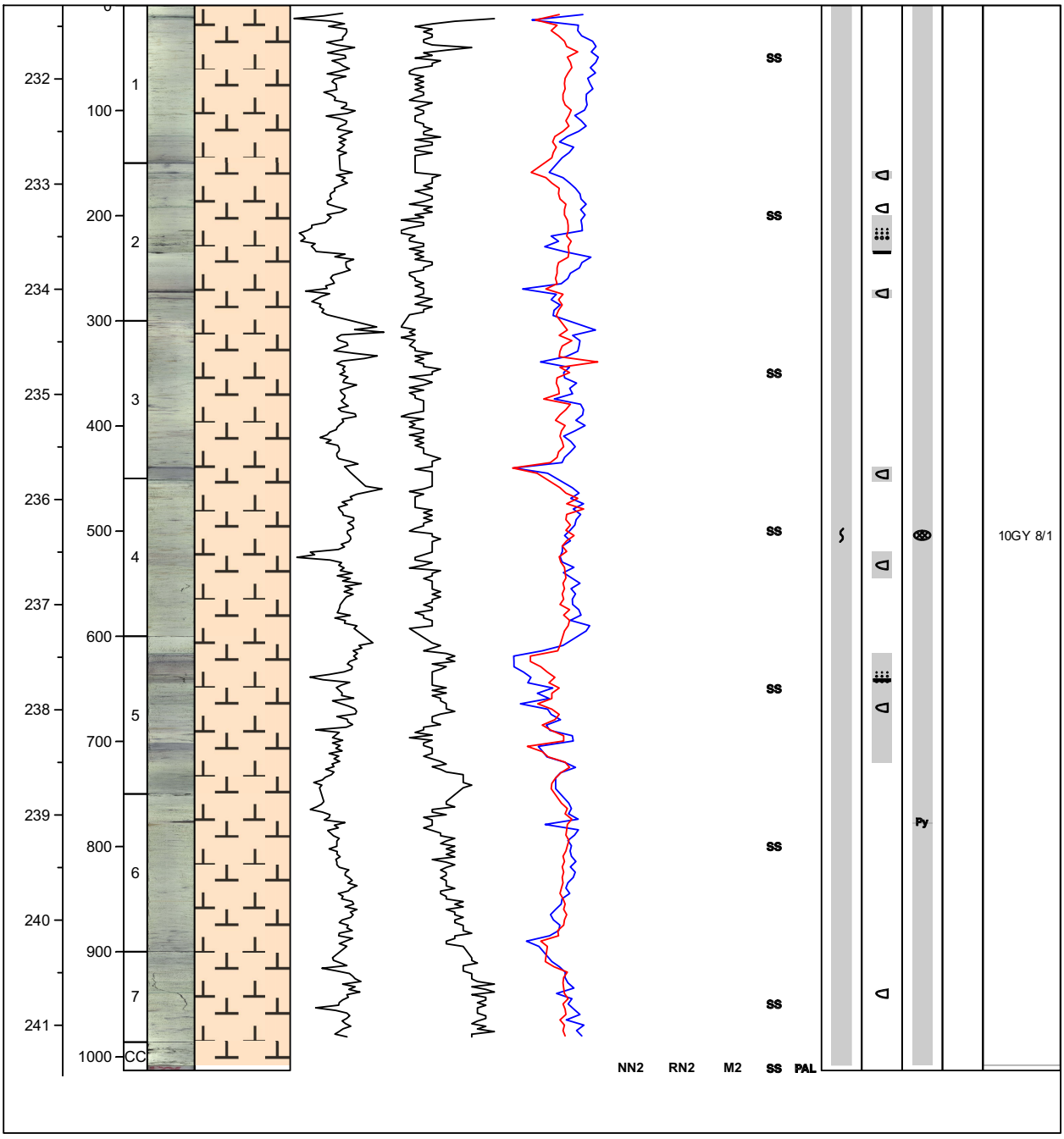
Major lithologies: Nannofossil ooze. Homogeneous light greenish gray nannofossil ooze interrupted by three layers of foraminifer nannofossil ooze with a sharp erosional base.



Core Photo

Hole 320-U1335B Core 26H, Interval 231.3-241.43 m (CSF-A)

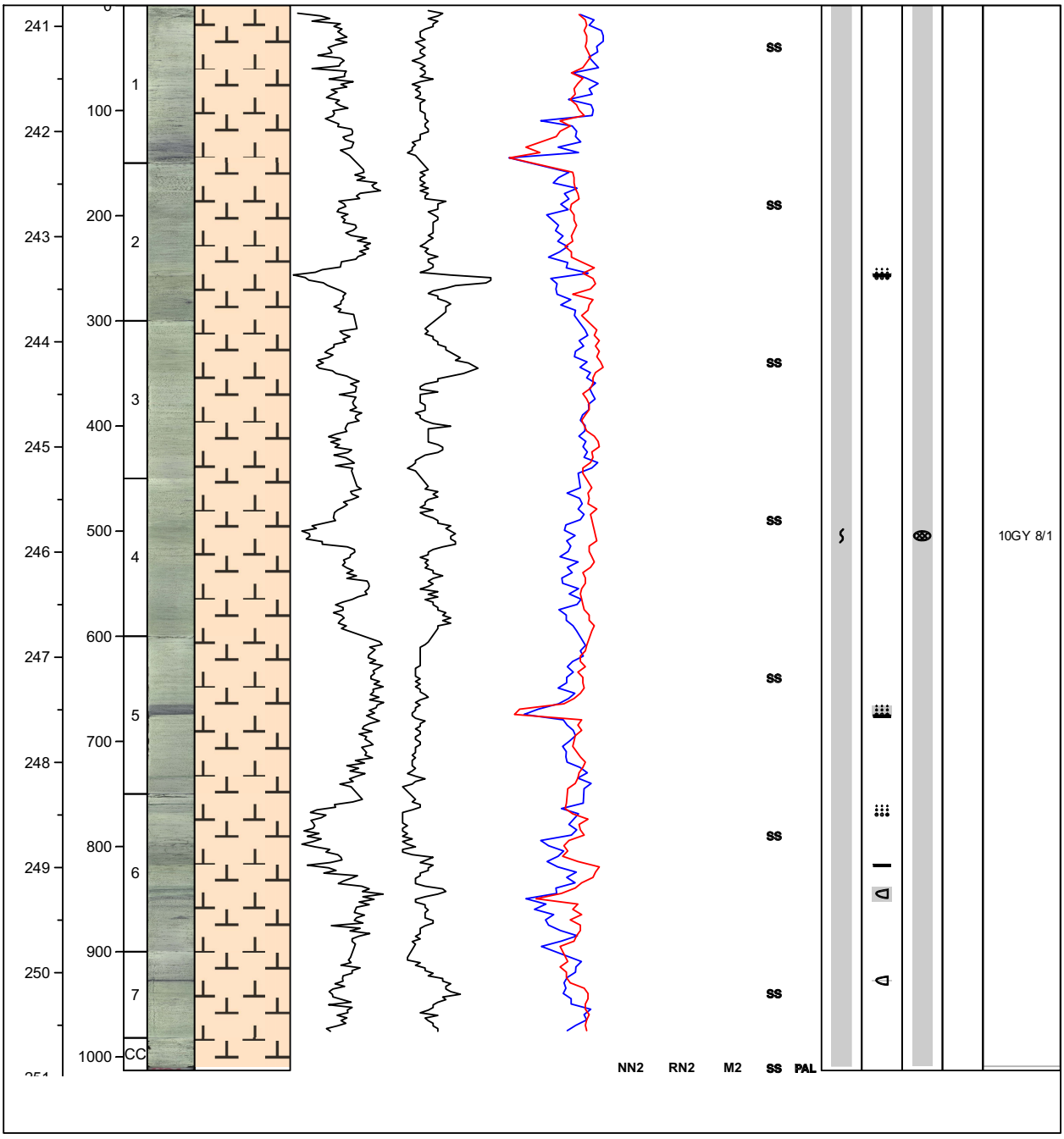
Major lithology: Nannofossil ooze; Minor lithology: Foraminifer ooze. Light greenish gray nannofossil ooze with two foraminifer ooze layers overlying sharp erosional contacts.



Core Photo

Hole 320-U1335B Core 27H, Interval 240.8-250.93 m (CSF-A)

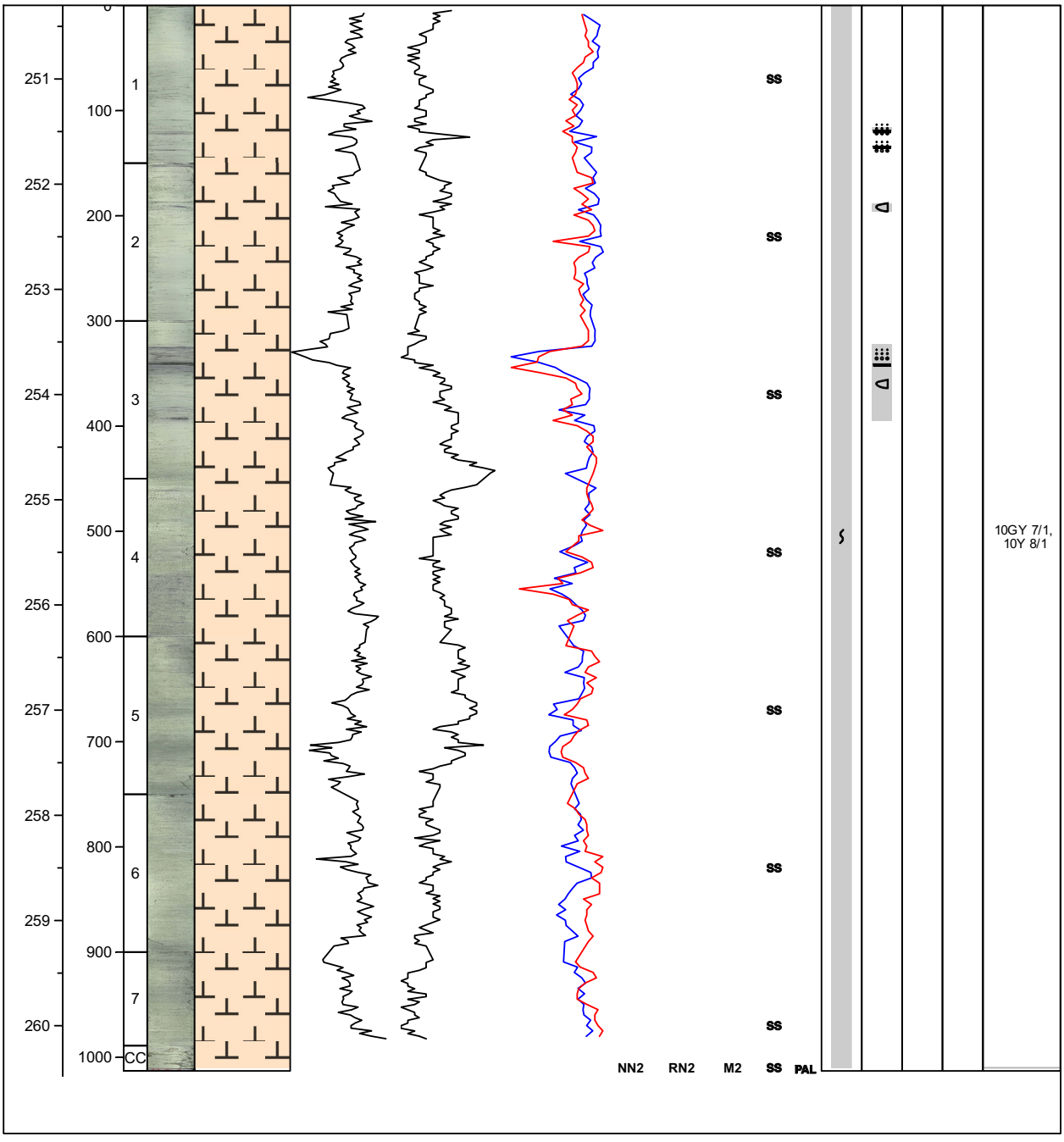
Major lithology: Nannofossil ooze; Minor lithology: Foraminifer ooze. Light greenish gray nannofossil ooze with three foraminifer ooze layers overlying sharp erosional contacts.



Core Photo

Hole 320-U1335B Core 28H, Interval 250.3-260.43 m (CSF-A)

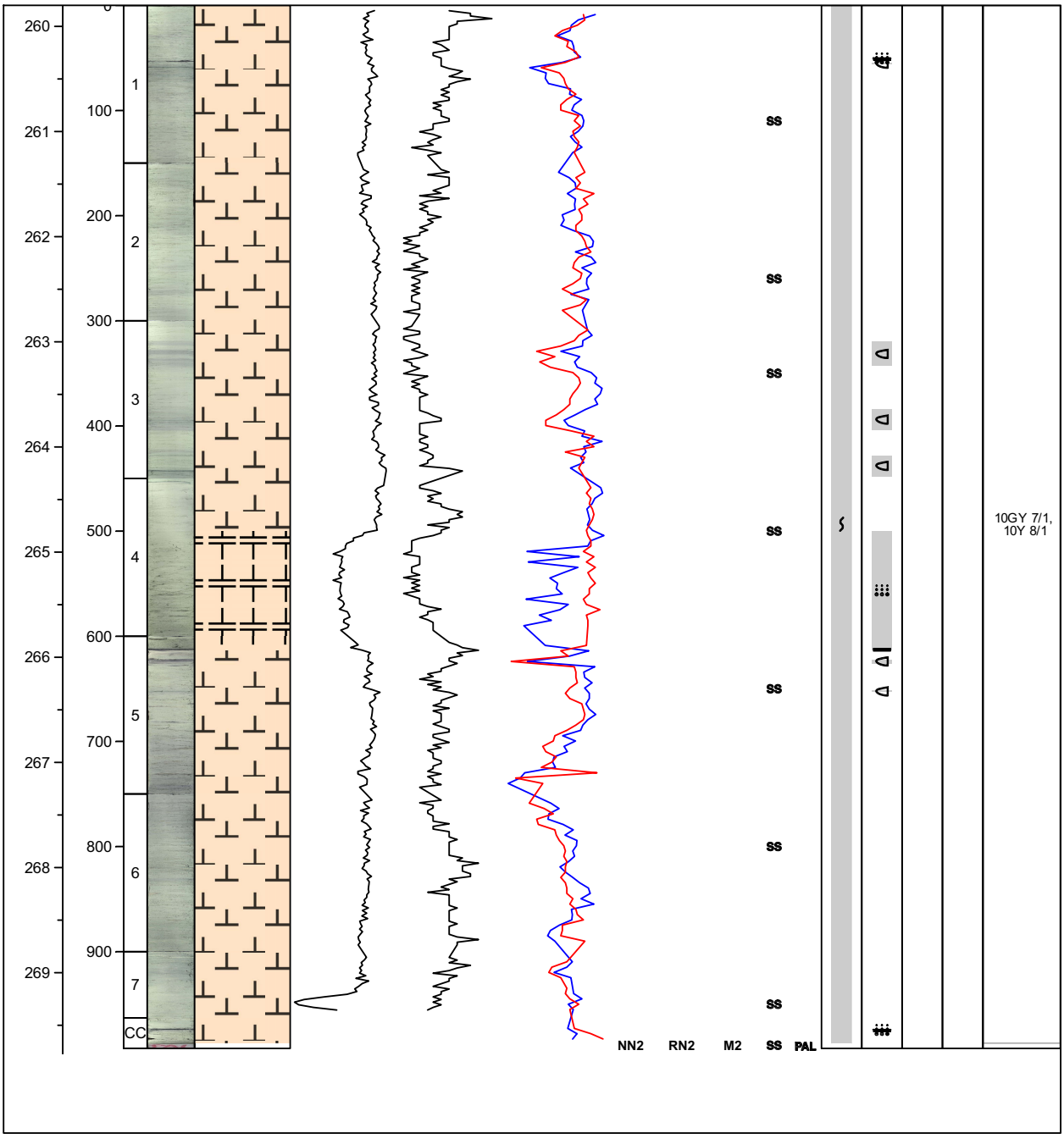
Major lithology: Nannofossil ooze; Minor lithology: Foraminifer ooze. Light greenish gray nannofossil ooze with three small foraminifer sand layers overlying sharp erosional boundaries.



Core Photo

Hole 320-U1335B Core 29H, Interval 259.8-269.72 m (CSF-A)

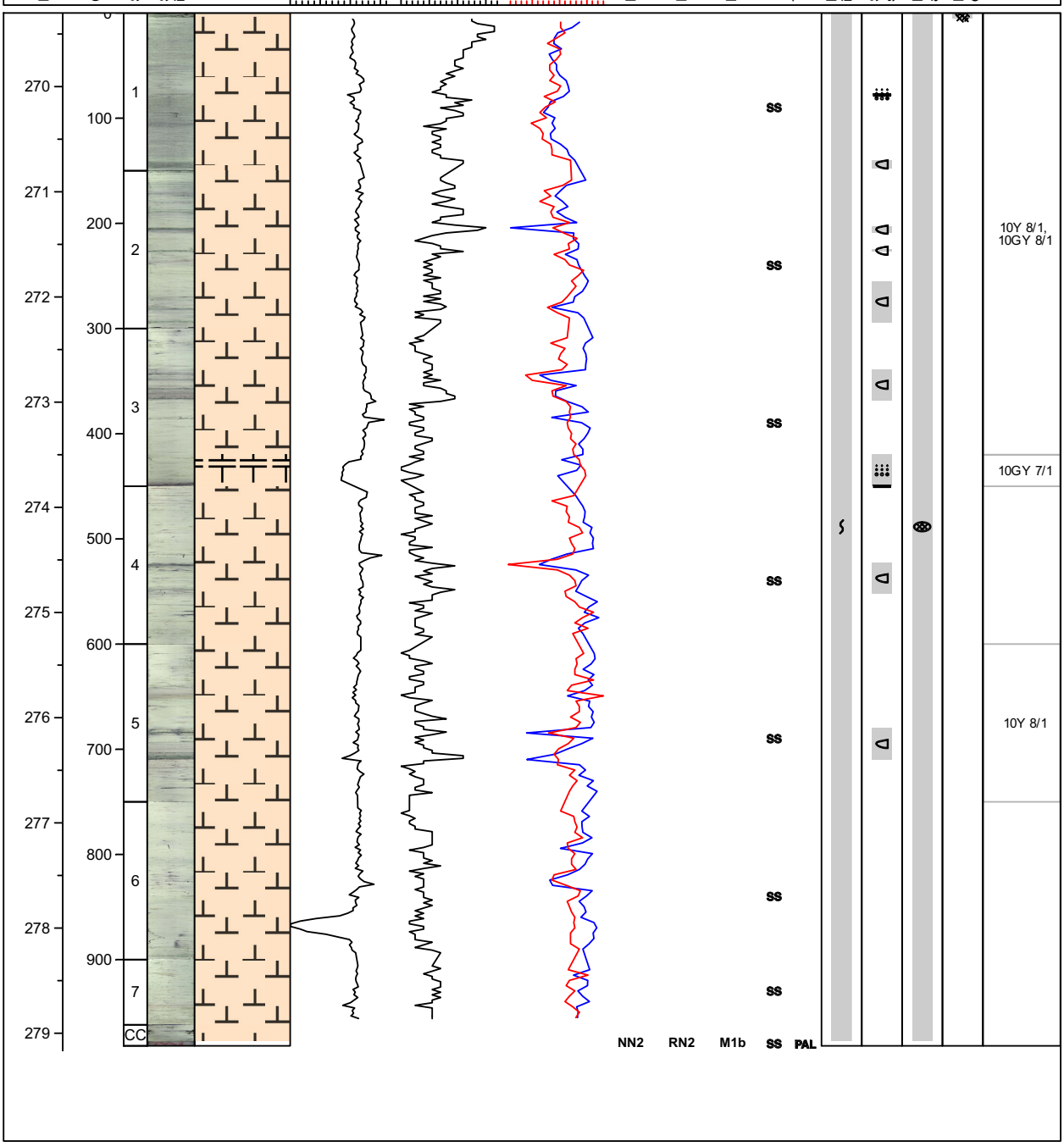
Major lithology: Nannofossil ooze; Minor lithology: Foraminifer ooze. Light greenish gray nannofossil ooze with three foraminifer sand layers overlying sharp erosional boundaries.



Core Photo

Hole 320-U1335B Core 30H, Interval 269.3-279.12 m (CSF-A)

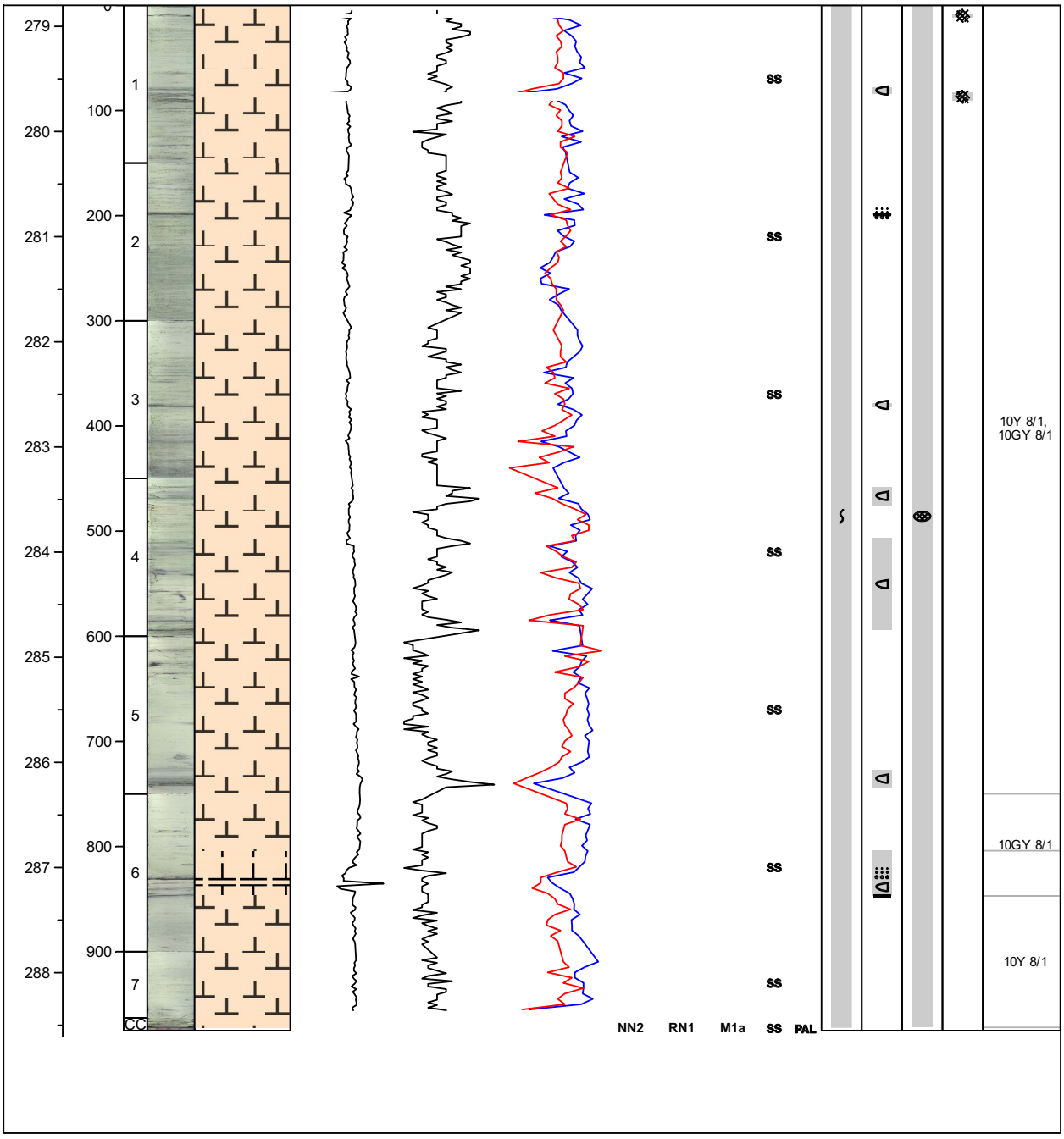
Major lithology: Nannofossil ooze; Minor lithology: Foraminifer ooze. Light greenish gray nannofossil ooze with two foraminifer sand layers with sharp erosional boundaries.



Core Photo

Hole 320-U1335B Core 31H, Interval 278.8-288.55 m (CSF-A)

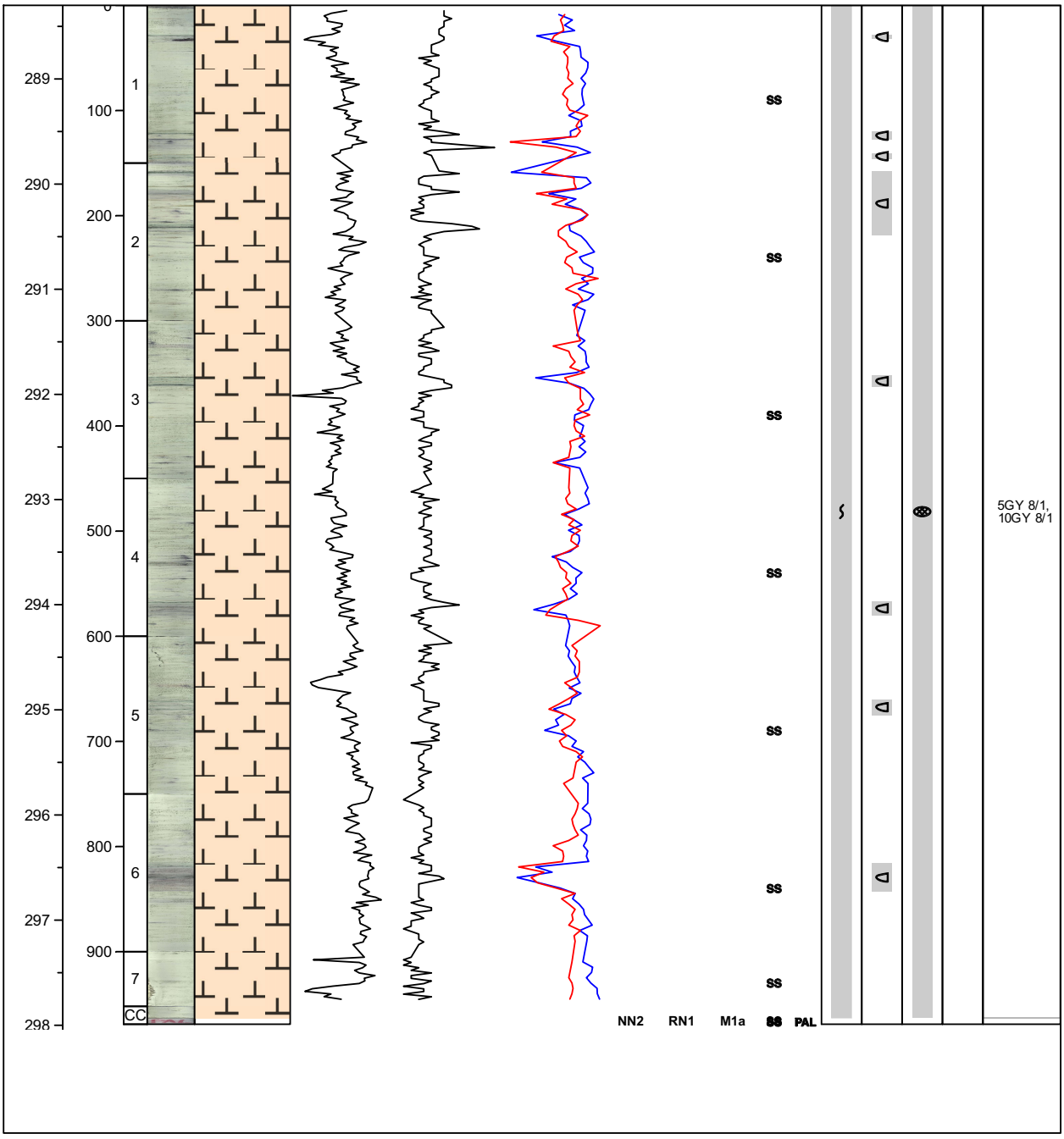
Major lithology: Nannofossil ooze; Minor lithology: Foraminifer ooze. Light greenish gray nannofossil ooze with two foraminifer sand layers with sharp erosional boundaries.



Core Photo

Hole 320-U1335B Core 32H, Interval 288.3-297.99 m (CSF-A)

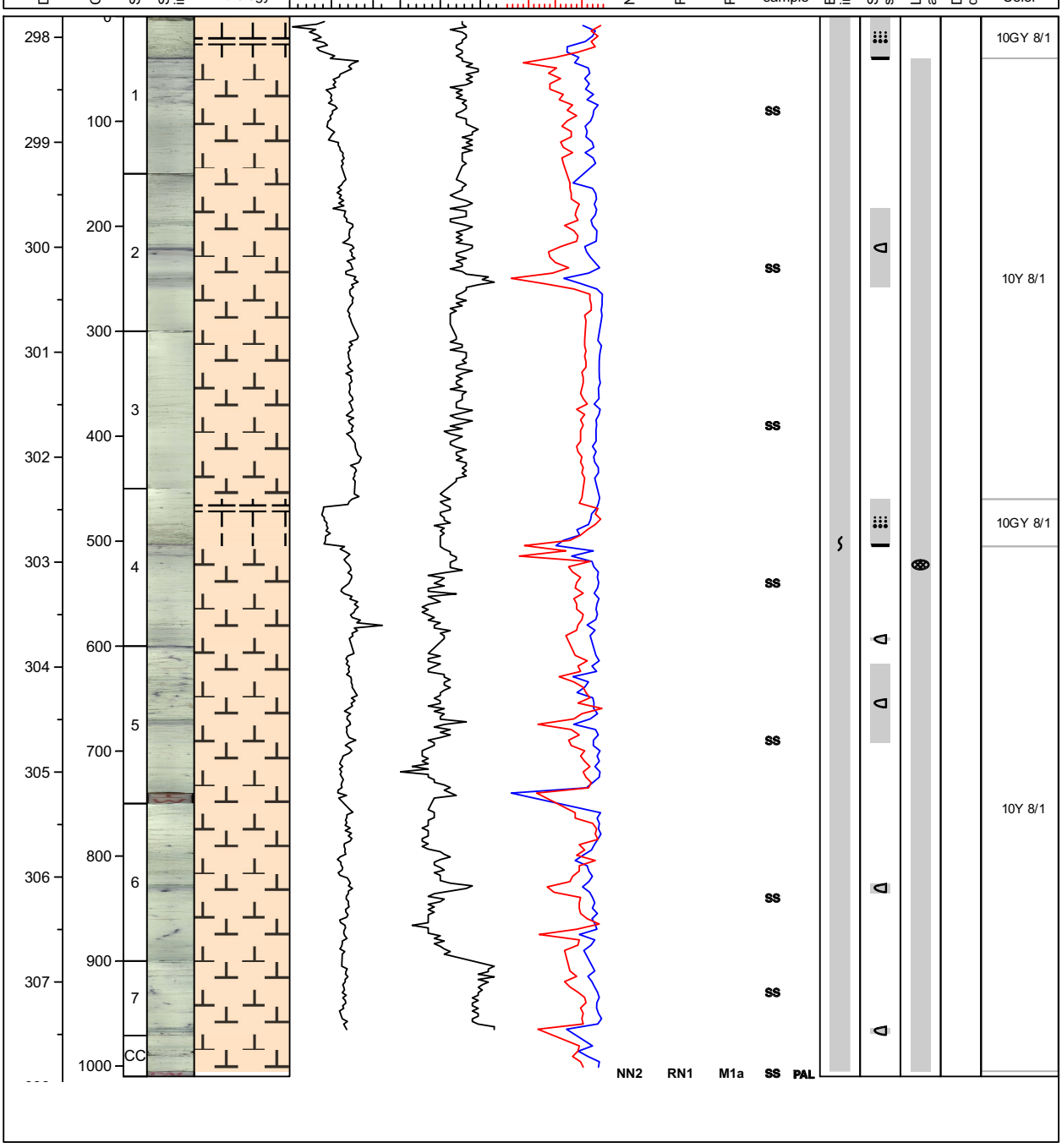
Major lithology: Nannofossil ooze. Light greenish gray nannofossil ooze including lots of light greenish gray and light gray cm-scale color bandings.



Core Photo

Hole 320-U1335B Core 33H, Interval 297.8-307.9 m (CSF-A)

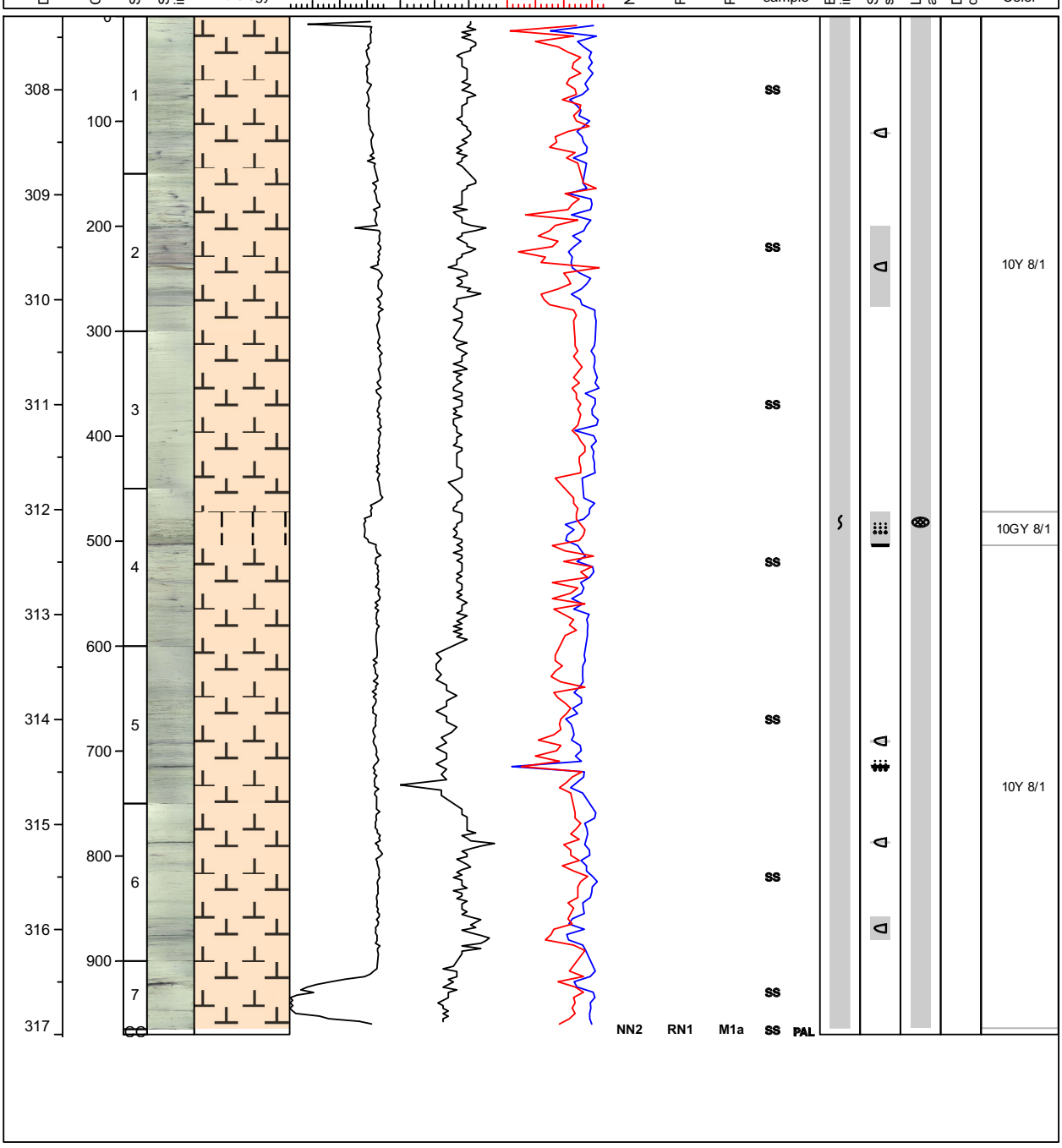
Major lithology: Nannofossil ooze; Minor lithology: Foraminifer ooze. Light greenish gray nannofossil ooze with two foraminifer sand layers with sharp erosional boundaries. Nannofossil ooze shows color banding.



Core Photo

Hole 320-U1335B Core 34H, Interval 307.3-317.0 m (CSF-A)

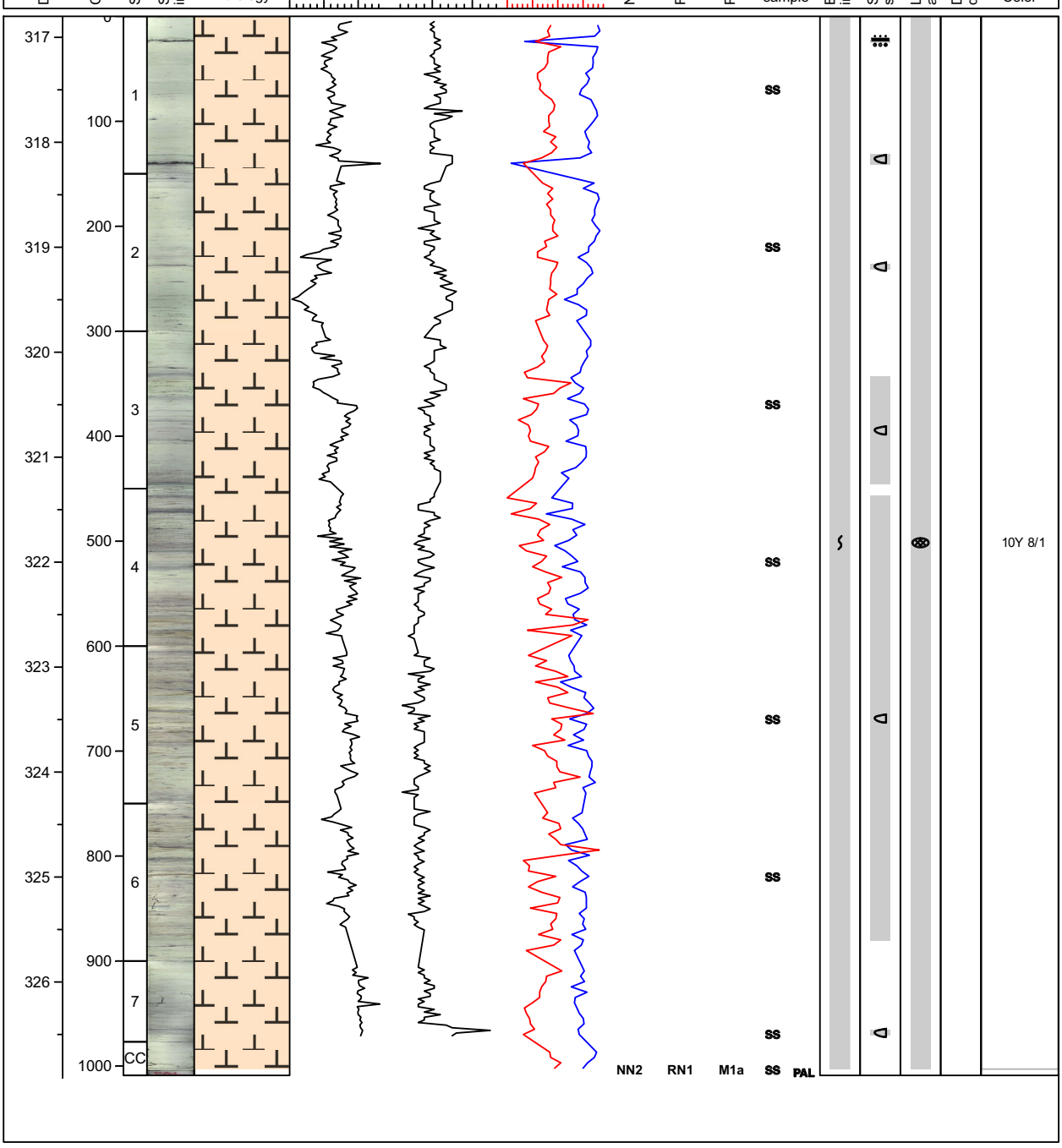
Major lithology: Nannofossil ooze; Minor lithology: Foraminifer ooze. Light greenish gray nannofossil ooze with two foraminifer sand layers with sharp erosional boundaries. Nannofossil ooze shows color banding.



Core Photo

Hole 320-U1335B Core 35H, Interval 316.8-326.89 m (CSF-A)

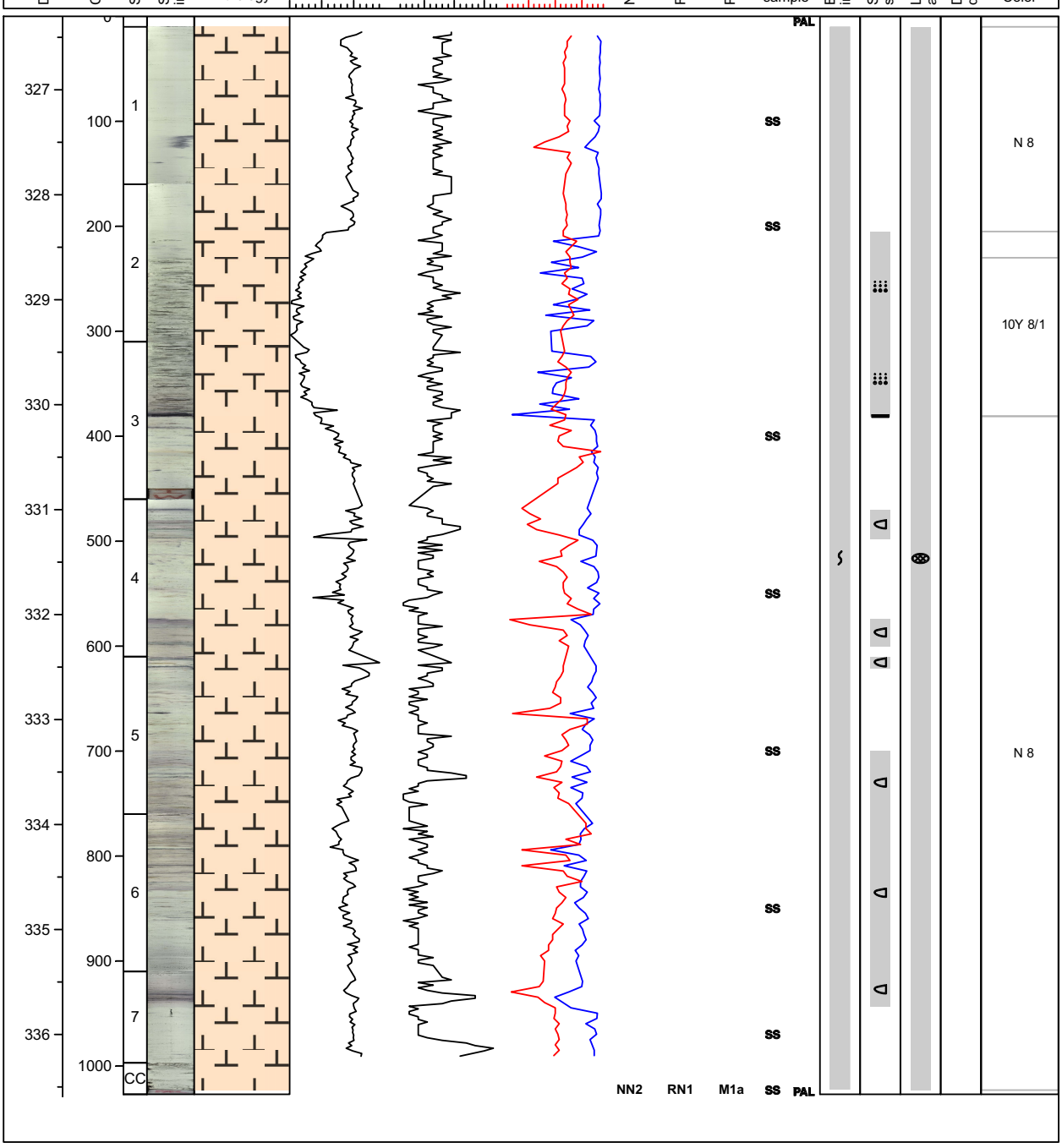
Major lithology: Nannofossil ooze; Minor lithology: Foraminifer ooze. Light greenish gray nannofossil ooze with one foraminifer sand layer with sharp erosional boundaries. Nannofossil ooze shows color banding.



Core Photo

Hole 320-U1335B Core 36H, Interval 326.3-336.57 m (CSF-A)

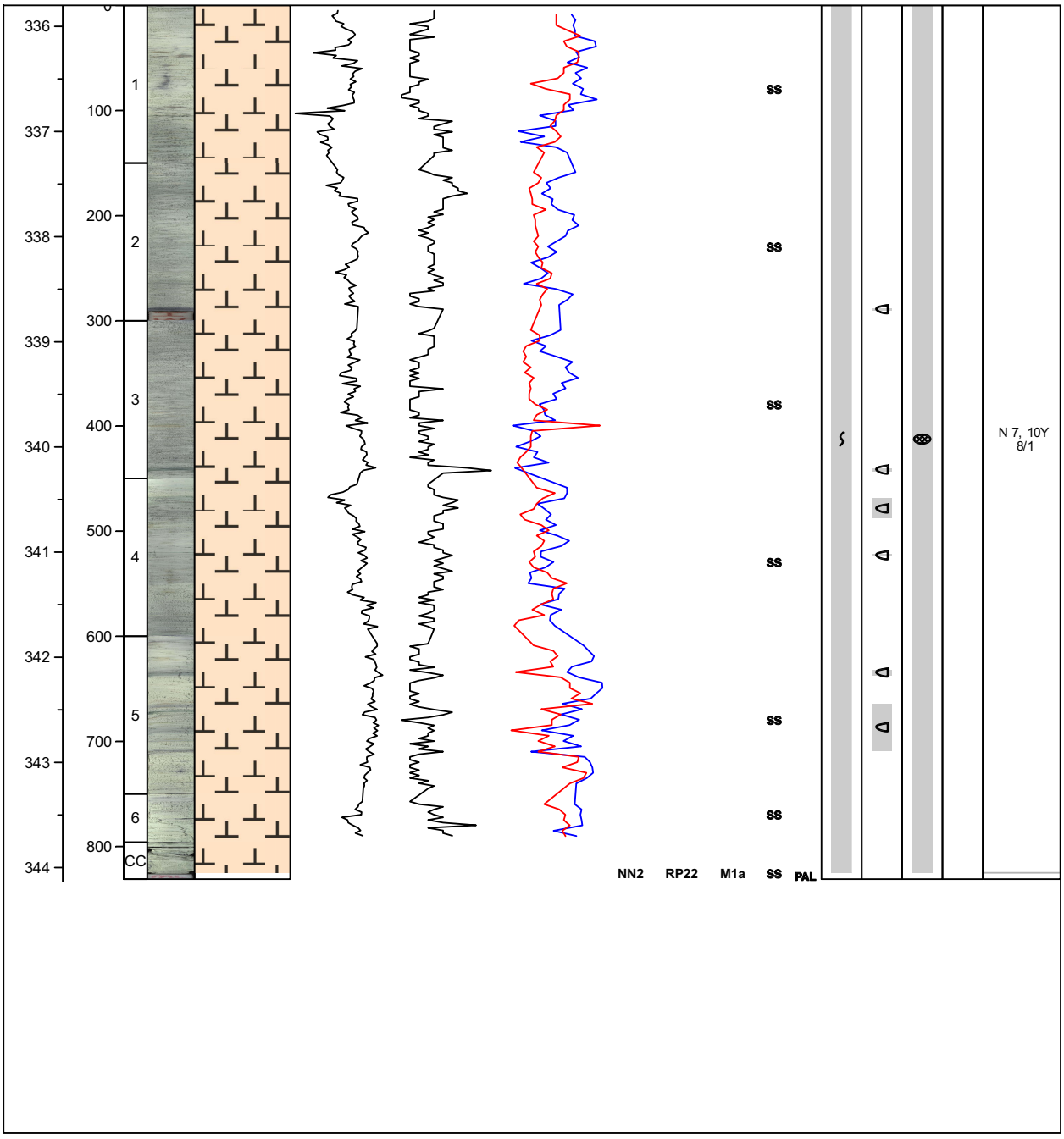
Major lithology: Nannofossil ooze; Minor lithology: Foraminifer ooze. Light greenish gray nannofossil ooze with one foraminifer sand layer overlying a sharp erosional boundary. Nannofossil ooze shows color banding.



Core Photo

Hole 320-U1335B Core 37H, Interval 335.8-344.11 m (CSF-A)

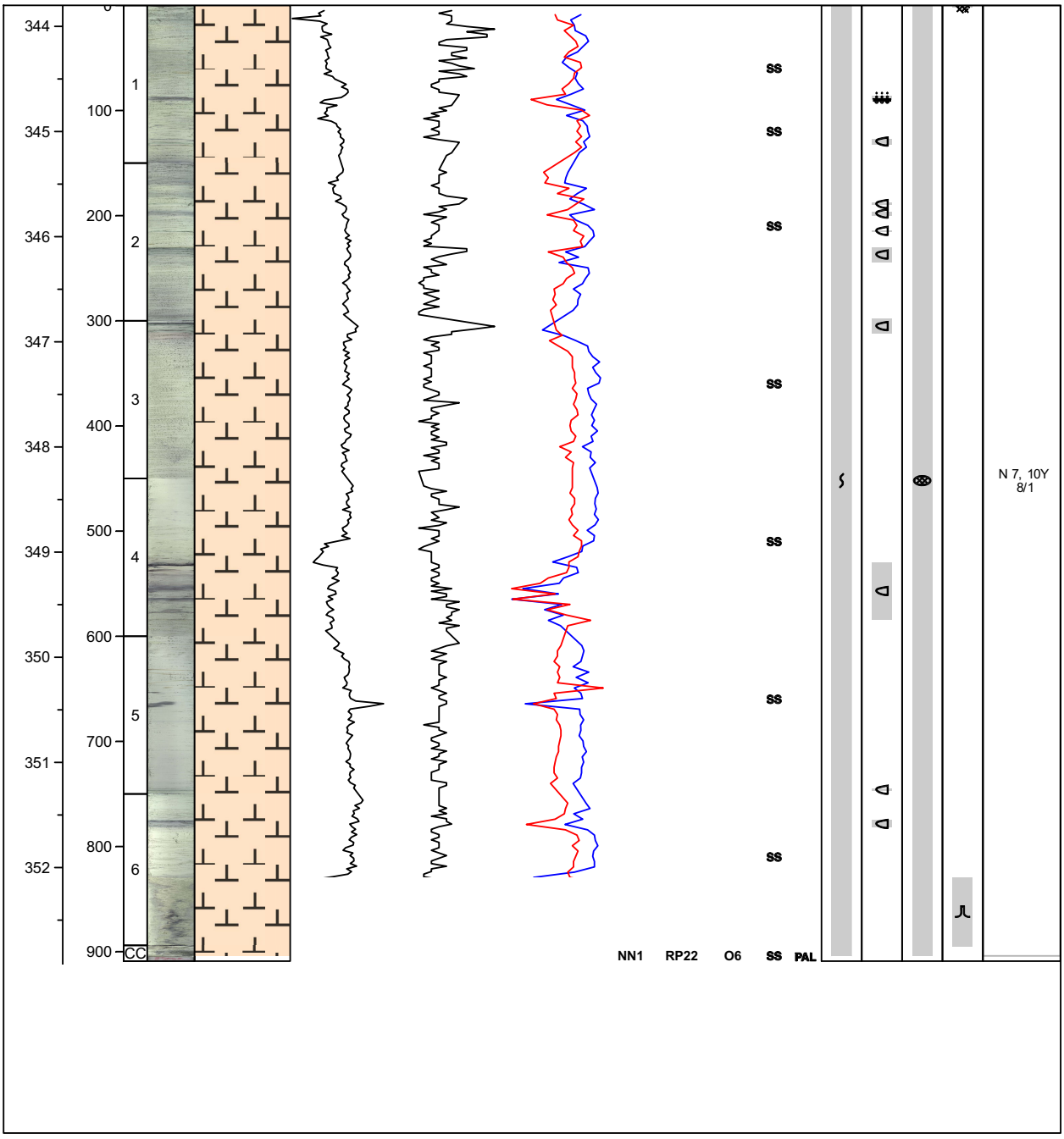
Major lithology: Nannofossil ooze. Light greenish gray nannofossil ooze. Nannofossil ooze shows color banding.



Core Photo

Hole 320-U1335B Core 38H, Interval 343.8-352.89 m (CSF-A)

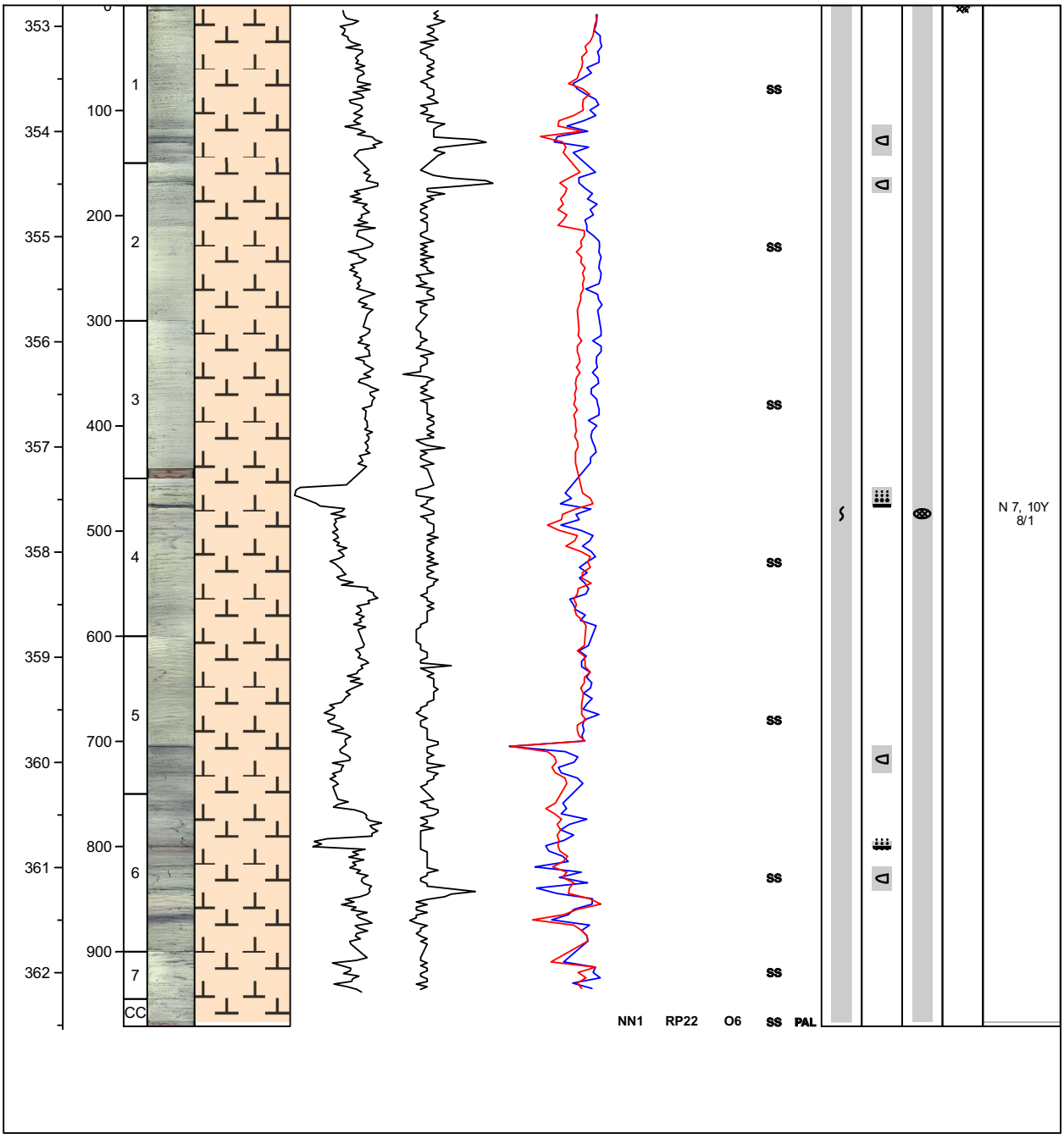
Major lithology: Nannofossil ooze; Light greenish gray nannofossil ooze with one foraminifer sand layer with asharp erosional boundary. Nannofossil ooze shows color banding.



Core Photo

Hole 320-U1335B Core 39H, Interval 352.8-362.51 m (CSF-A)

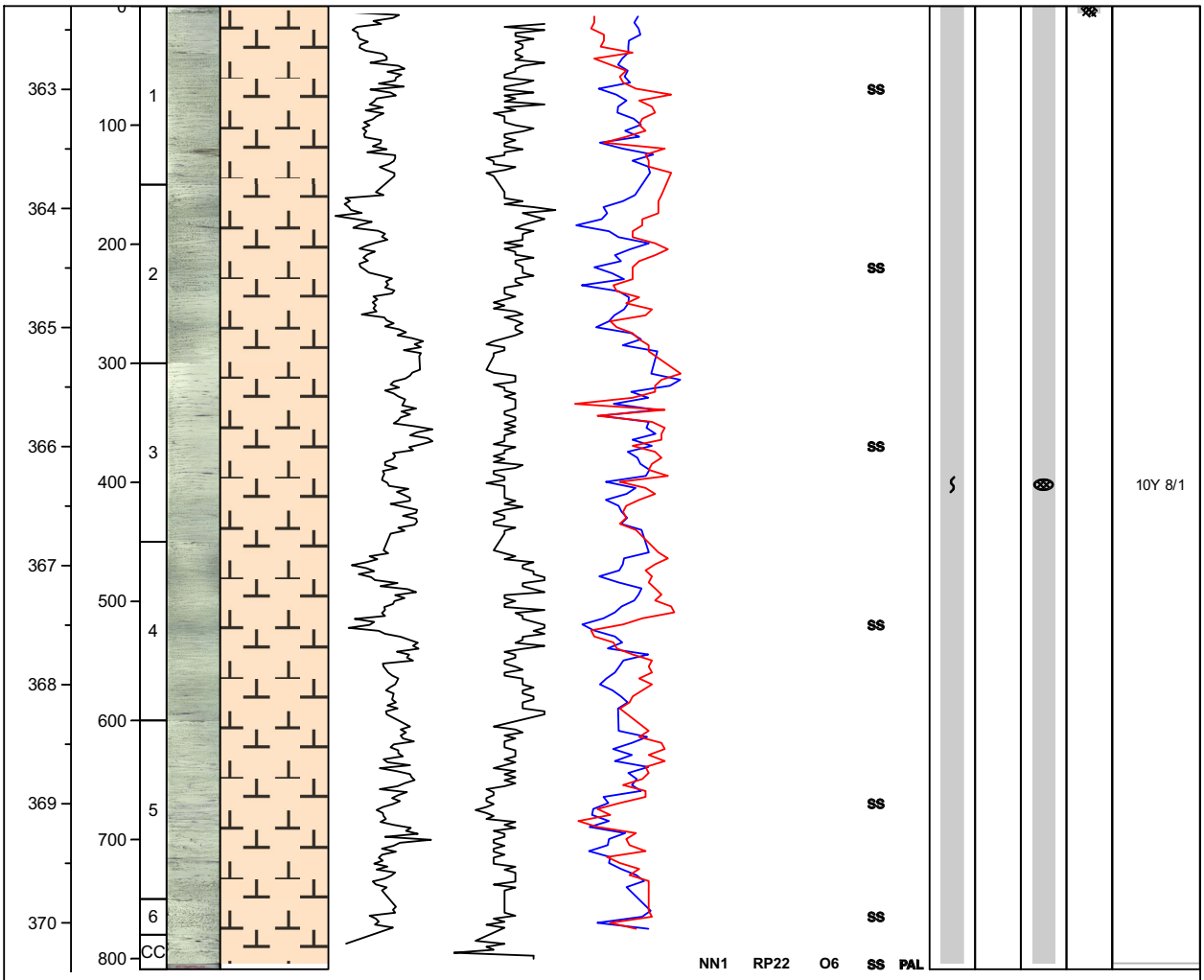
Major lithology: Nannofossil ooze. Light greenish gray nannofossil ooze with two foraminifer sand layer with sharp erosional boundaries. Nannofossil ooze shows color banding.



Core Photo

Hole 320-U1335B Core 40H, Interval 362.3-370.39 m (CSF-A)

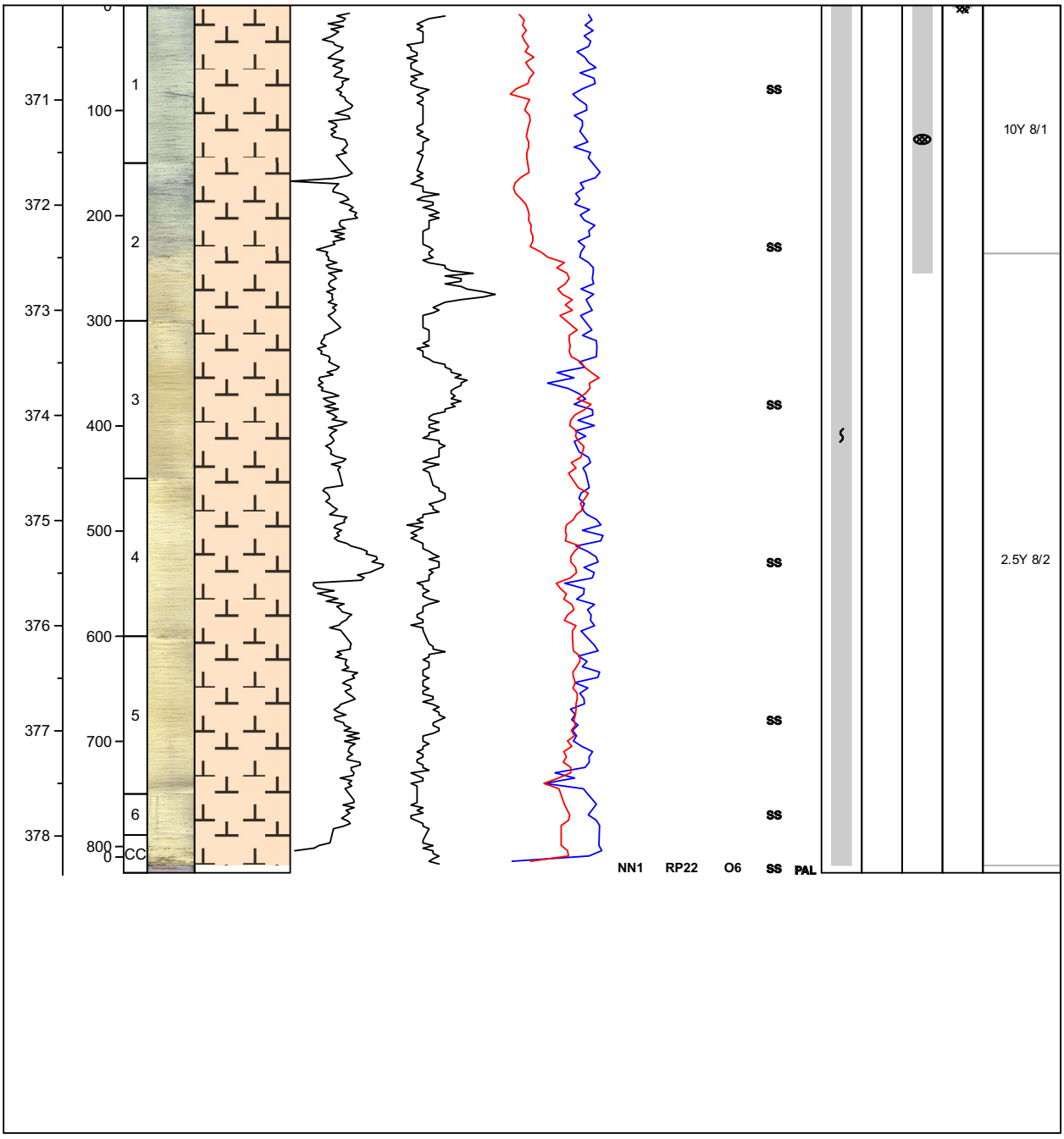
Major lithology: Nannofossil ooze; Light greenish gray nannofossil ooze.



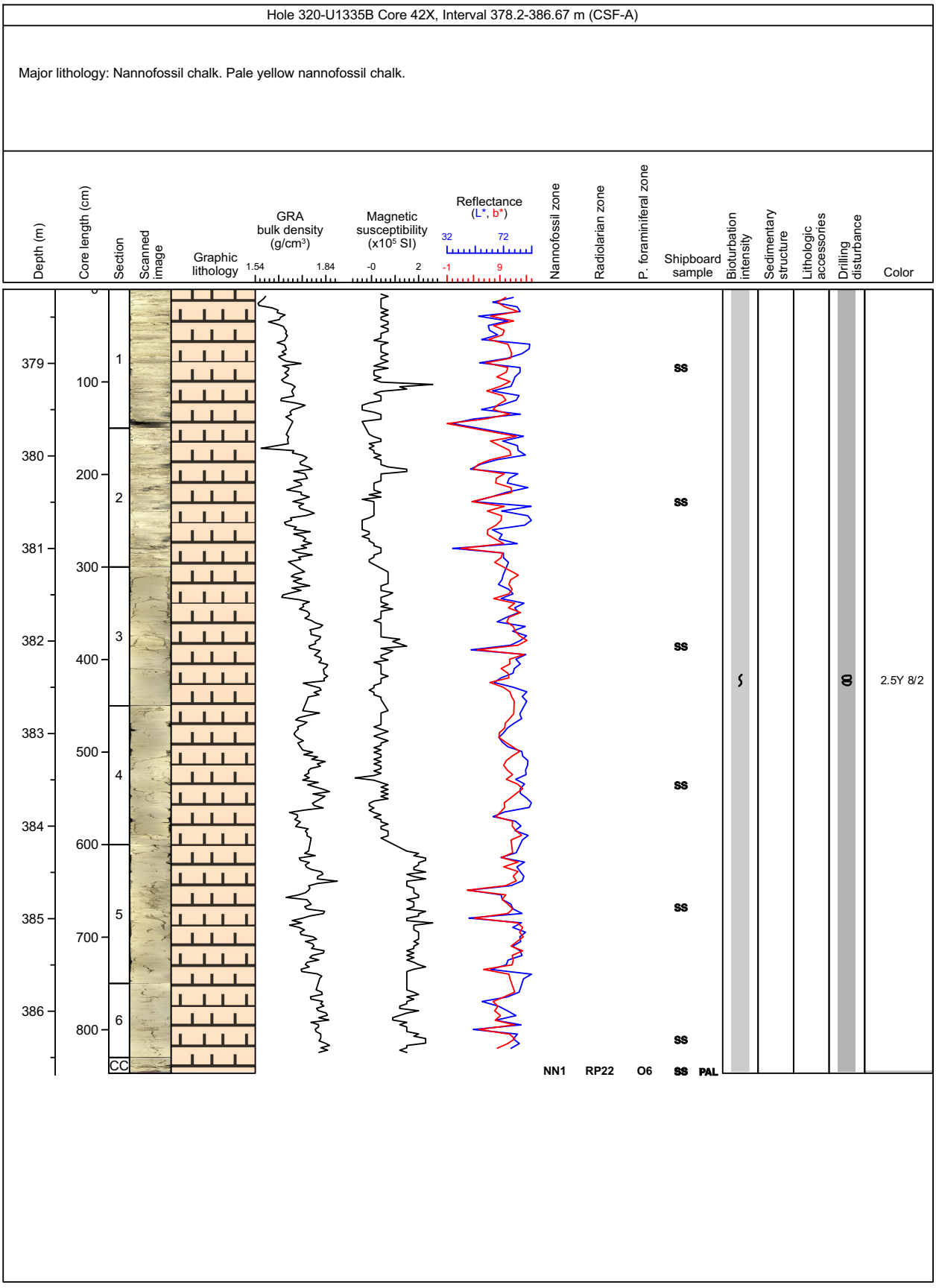
Core Photo

Hole 320-U1335B Core 41H, Interval 370.1-378.35 m (CSF-A)

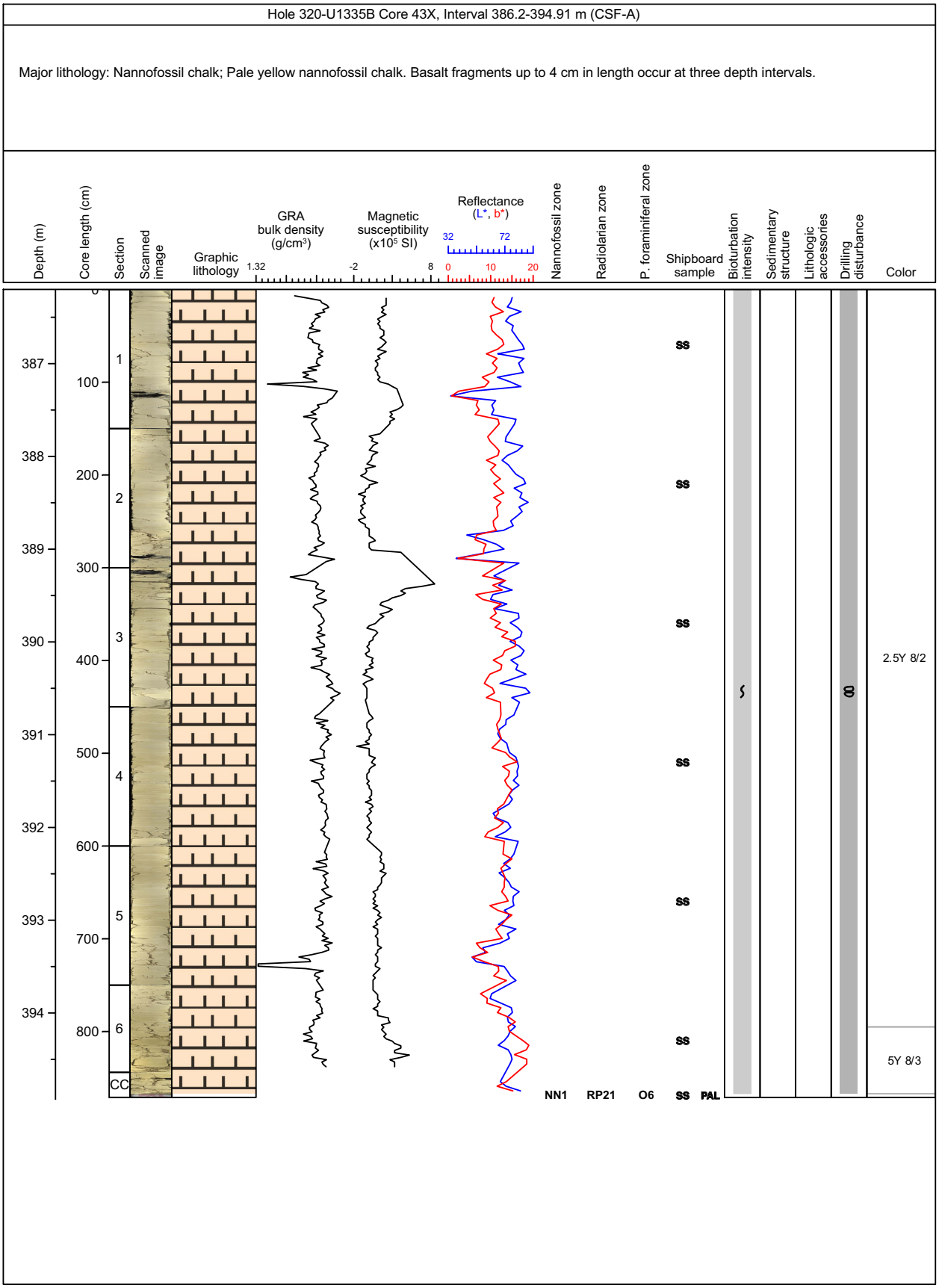
Major lithology: Nannofossil ooze. Transition from light greenish gray nannofossil ooze to pale yellow nannofossil ooze.



Core Photo


Hole 320-U1335B Core 42X, Interval 378.2-386.67 m (CSF-A)
Major lithology: Nannofossil chalk. Pale yellow nannofossil chalk.
Depth (m)
Core length (cm)
Section
Scanned image
Graphic lithology
GRA bulk density (g/cm³)
1.54
1.84
Magnetic susceptibility (x10⁵ SI)
-0
2
Reflectance (L*, b*)
32
72
-1
9
Nannofossil zone
Radiolarian zone
P. foraminiferal zone
Shipboard sample
Bioturbation intensity
Sedimentary structure
Lithologic accessories
Drilling disturbance
Color
379
380
381
382
383
384
385
386
100
200
300
400
500
600
700
800
1
2
3
4
5
6
CC
SS
NN1
RP22
O6
PAL
2.5Y 8/2

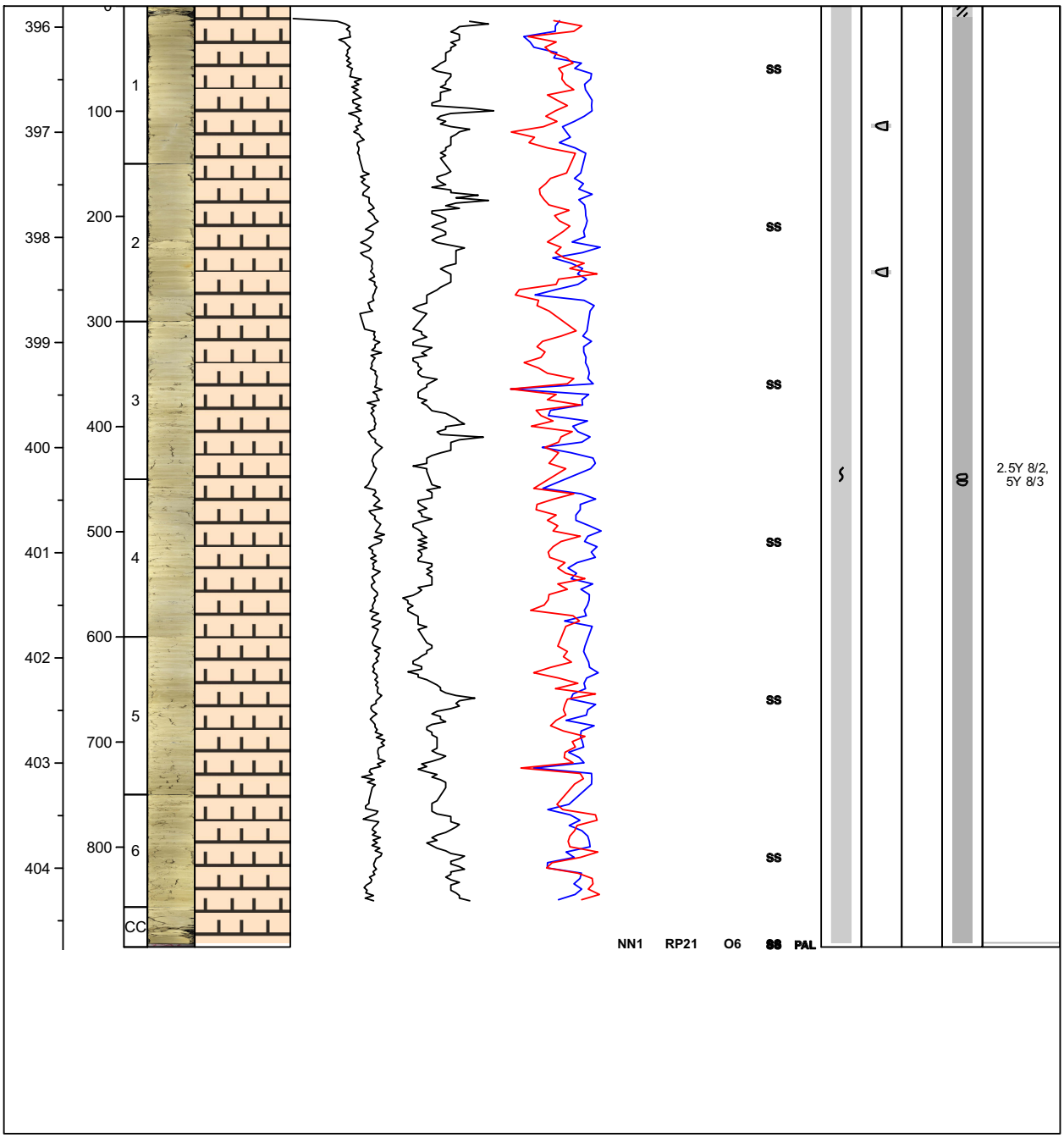
Core Photo


Hole 320-U1335B Core 43X, Interval 386.2-394.91 m (CSF-A)
Major lithology: Nannofossil chalk; Pale yellow nannofossil chalk. Basalt fragments up to 4 cm in length occur at three depth intervals.
Depth (m)
Core length (cm)
Section
Scanned image
Graphic lithology
GRA bulk density (g/cm³)
Magnetic susceptibility (x10⁵ SI)
Reflectance (L*, b*)
Nannofossil zone
Radiolarian zone
P. foraminiferal zone
Shipboard sample
Bioturbation intensity
Sedimentary structure
Lithologic accessories
Drilling disturbance
Color
2.5Y 8/2
5Y 8/3
NN1
RP21
O6
PAL

Core Photo

Hole 320-U1335B Core 44X, Interval 395.8-404.75 m (CSF-A)

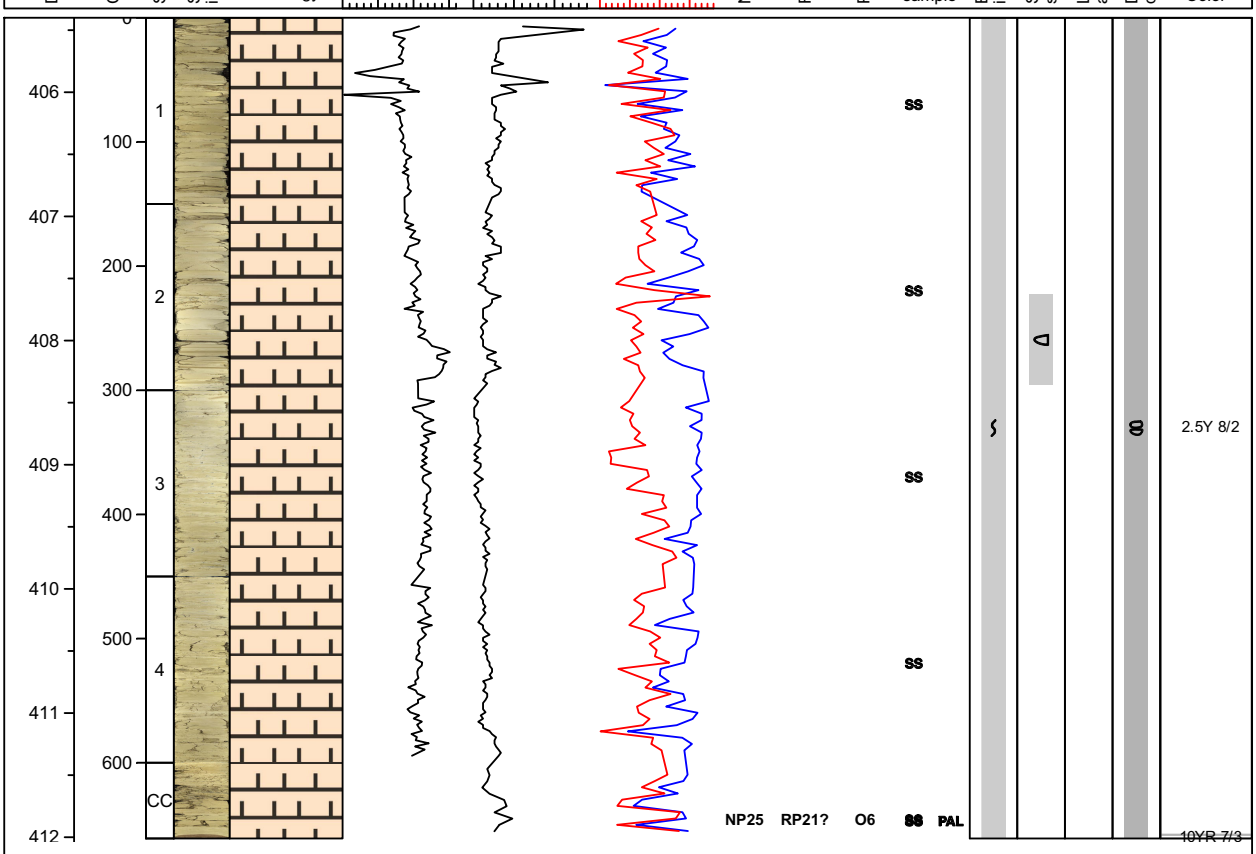
Major lithology: Nannofossil chalk. Pale yellow nannofossil chalk. Basalt fragments up to 2 cm in top 10 cm of core.



Core Photo

Hole 320-U1335B Core 45X, Interval 405.4-412.01 m (CSF-A)

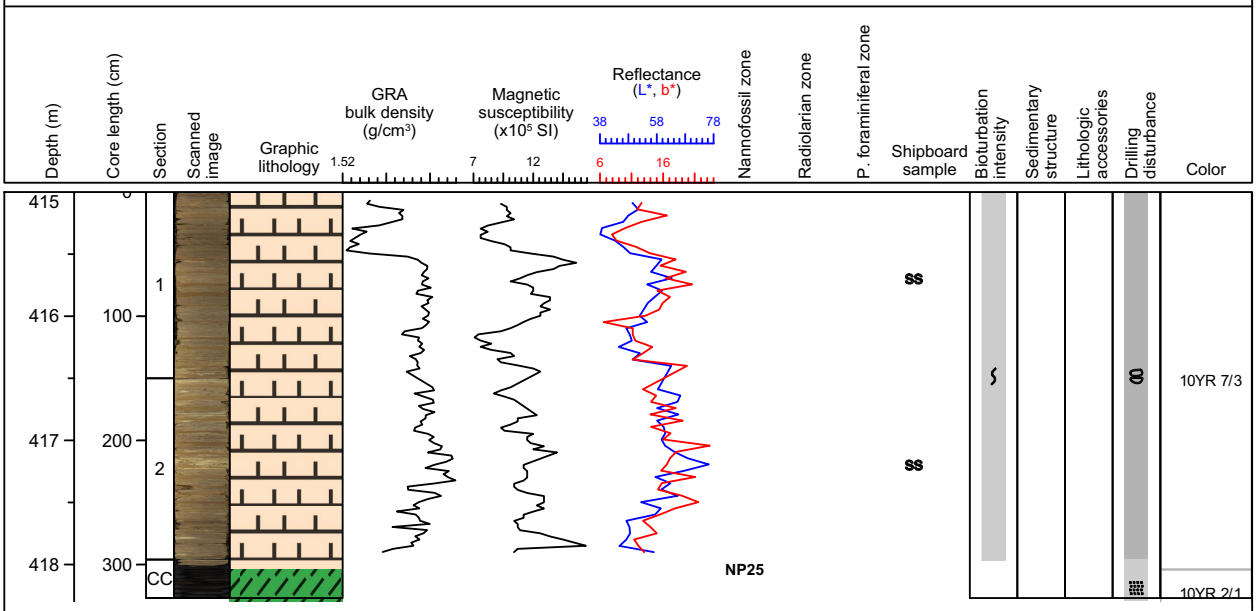
Major lithology: Nannofossil chalk. Pale yellow nannofossil chalk overlying very pale brown nannofossil chalk.



Core Photo

Hole 320-U1335B Core 46X, Interval 415.0-418.27 m (CSF-A)

Major lithology: Nannofossil chalk; basalt. Pale yellow nannofossil chalk overlying basement basalt.



Sample				Mineralogy (%)												Biogenic (%)										
Sample ID	Top Interval (cm)	Depth CSF-A (m)	Lithology*	Clay Mineral	Phillipsite	Clinoptilolite	Mica	Calcite	Dolomite	Quartz	Microcrystalline Quartz	Apatite	Fe Oxide	Mn Oxide	Feldspar	Volcanic Glass	Micronodules	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Spicules	Fish Remains	Opaque	Lithology
Hole A																										
320-U1335A-1H-2-A	42	1.92	D	5				8										45	8	30	3				1	Diatom nannofossil ooze
320-U1335A-1H-3-A	100	4.00	D					8	T									62	25	3	2				T	Foraminifer nannofossil ooze
320-U1335A-1H-3-A	150	4.50	D	2				8										55	20	8	5				1	Foraminifer nannofossil ooze
320-U1335A-1H-4-A	135	5.85	D	6				8										45	15	22	3	1			T	Diatom nannofossil ooze with foraminifers
320-U1335A-1H-5-A	65	6.65	D	8				4										40	12	25	5	1			5	Diatom nannofossil ooze with foraminifers
320-U1335A-2H-1-A	127	10.17	M															25	75							Nannofossil foraminifer ooze
320-U1335A-2H-4-A	70	14.10	D															70	13	10	6	1				Nannofossil ooze with diatoms and foraminifers
320-U1335A-2H-5-A	70	15.60	D	11														54	16	11	5				2	Nannofossil ooze with clay and diatoms and foraminifers
320-U1335A-2H-6-A	90	17.30	D	33													2	38	10	11	3				3	Clayey nannofossil ooze with foraminifers and diatoms
320-U1335A-3H-2-A	75	20.65	D	T														68	7	17	8					Nannofossil ooze with diatoms
320-U1335A-3H-3-A	40	21.80	D	13													2	53	4	18	6				4	Nannofossil ooze with clay and diatoms
320-U1335A-3H-4-A	136	24.26	D	T														82	3	13	2	T	T		T	Nannofossil ooze with diatoms
320-U1335A-3H-6-A	93	26.83	D	5														85	5	5	2					Nannofossil ooze
320-U1335A-3H-7-A	12	27.52	D															88	1	8	1				T	Nannofossil ooze
320-U1335A-4H-2-A	55	29.95	D															70	4	18	8					Nannofossil ooze with diatoms
320-U1335A-4H-3-A	80	31.70	D	11														63	3	15	6	T			3	Nannofossil ooze with clay and diatoms
320-U1335A-4H-4-A	84	33.24	D															93	3	4						Nannofossil ooze
320-U1335A-5H-4-A	114	43.04	D	T														67	5	18	5				T	Nannofossil ooze with diatoms
320-U1335A-5H-4-A	121	43.11	D	5														71	2	14	5				3	Nannofossil ooze with diatoms
320-U1335A-5H-5-A	60	44.00	D															88		8	1	T	T			Nannofossil ooze
320-U1335A-6H-5-A	40	53.30	D															92	2	6					T	Nannofossil ooze
320-U1335A-6H-5-A	83	53.73	D															82	7	7	4					Nannofossil ooze
320-U1335A-6H-6-A	50	54.90	D	3														53	1	25	18					Diatom nannofossil ooze with radiolarians
320-U1335A-6H-6-A	89	55.29	D															85	3	10	2	T				Nannofossil ooze with diatoms
320-U1335A-7H-1-A	23	56.63	D	15														19	5	35	25	1				Radiolarian Diatom ooze with clay and nannofossils
320-U1335A-7H-2-A	131	59.21	D	54													1	6		20	15		T		3	Clay with radiolarians and diatoms
320-U1335A-7H-4-A	98	61.88	D	7						T								78	1	10	3	T			1	Nannofossil ooze with diatoms
320-U1335A-7H-5-A	70	63.10	D	4														80	T	11	4				T	Nannofossil ooze with diatoms
320-U1335A-7H-5-A	108	63.48	D	44														12	1	20	23	T			T	Clayey diatom ooze with nannofossils and radiolarians
320-U1335A-7H-6-A	80	64.70	D	T				1										88	1	8	2					Nannofossil ooze
320-U1335A-7H-7-A	13	65.53	D	5				T										76	T	11	8				T	Nannofossil ooze with diatoms
320-U1335A-8H-1-A	82	66.72	D	1														88	2	6	4					Nannofossil ooze
320-U1335A-8H-2-A	30	67.70	D															89	1	6	4	T				Nannofossil ooze
320-U1335A-8H-2-A	140	68.80	D															89	2	5	4					Nannofossil ooze
320-U1335A-8H-3-A	70	69.60	D					1										94	T	3	2					Nannofossil ooze
320-U1335A-8H-5-A	50	72.40	D					1										82	T	12	5					Nannofossil ooze with diatoms
320-U1335A-8H-7-A	10	75.00	D					T										93		2	4					Nannofossil ooze
320-U1335A-9H-2-A	105	77.95	M					8										40	48	3	1					Nannofossil foraminifer ooze
320-U1335A-9H-4-A	40	80.30	D					3										82	8	7		T				Nannofossil ooze
320-U1335A-9H-6-A	56	83.46	M					5										37	55	3						Nannofossil foraminifer ooze
320-U1335A-10H-3-A	62	88.52	D					2										80	8	8	2					Nannofossil ooze
320-U1335A-10H-4-A	54	89.94	M					5										35	55	3	1					Nannofossil foraminifer ooze

*Lithology: (D) Dominant; (M) Minor

**(T) Trace

Sample				Mineralogy (%)												Biogenic (%)										
Sample ID	Top Interval (cm)	Depth CSF-A (m)	Lithology*	Clay Mineral	Phillipsite	Clinoptilolite	Mica	Calcite	Dolomite	Quartz	Microcrystalline Quartz	Apatite	Fe Oxide	Mn Oxide	Feldspar	Volcanic Glass	Micronodules	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Spicules	Fish Remains	Opaque	Lithology
Hole A (continued)																										
320-U1335A-11H-3-A	50	97.90	M					8										40	50	1	T					Nannofossil foraminifer ooze
320-U1335A-11H-6-A	60	102.50	D					3										85	5	6	1	T				Nannofossil ooze
320-U1335A-12H-5-A	50	110.40	D					2										82	8	7	1	T				Nannofossil ooze
320-U1335A-12H-6-A	117	112.57	M					3							T	1		43	45	4						Nannofossil foraminifer ooze
320-U1335A-12H-6-A	133	112.73	M					5								T		43	48	4						Nannofossil foraminifer ooze
320-U1335A-13H-6-A	133	122.23	M					8							T			38	50	1	3					Nannofossil foraminifer ooze
320-U1335A-14H-2-A	80	125.20	D					2										88	2	3	5					Nannofossil ooze
320-U1335A-14H-3-A	30	126.20	M					2										63	27	5	3					Foraminifer nannofossil ooze
320-U1335A-15H-2-A	24	134.14	D	1				2										81	T	7	8					Nannofossil ooze
320-U1335A-15H-3-A	125	136.15	D															96	1	1	1					Nannofossil ooze
320-U1335A-15H-4-A	104	137.44	D					T		T						T		73	25	T				T	2	Foraminifer nannofossil ooze
320-U1335A-16H-2-A	88	144.28	M					T										88	4	3	5					Nannofossil ooze
320-U1335A-16H-2-A	94	144.34	M															44	45	3	9				T	Nannofossil foraminifer ooze
320-U1335A-16H-2-A	101	144.41	M															42	56	T	2				T	Nannofossil foraminifer ooze
320-U1335A-16H-2-A	109	144.49	M															45	52	1	1				T	Nannofossil foraminifer ooze
320-U1335A-16H-2-A	111	144.51	M	T												T		50	46	1	2				1	Foraminifer nannofossil ooze
320-U1335A-16H-2-A	112	144.52	M	2				3								T		53	39	1	2				2	Foraminifer nannofossil ooze
320-U1335A-16H-2-A	120	144.60	D					1										91	3	2	3		T			Nannofossil ooze
320-U1335A-16H-3-A	58	145.48	D					2										82	T	10	6					Nannofossil ooze with diatoms
320-U1335A-17H-2-A	92	153.82	D															31	63	1	4					Nannofossil foraminifer ooze
320-U1335A-17H-4-A	60	156.50	D					T										85	3	7	5					Nannofossil ooze
320-U1335A-17H-5-A	52	157.92	D					2										37	5	20	36					Radiolarian nannofossil ooze with diatoms
320-U1335A-18H-4-A	34	165.74	D					T										82	1	7	10	T				Nannofossil ooze with radiolarians
320-U1335A-18H-4-A	115	166.55	D					4										78	10	4	4					Nannofossil ooze with foraminifers
320-U1335A-18H-4-A	126	166.66	D					2								T		87	T	5	6					Nannofossil ooze
320-U1335A-18H-6-A	70	169.10	D					T										92	1	2	4					Nannofossil ooze
320-U1335A-19H-1-A	15	170.55	D	2														65	2	13	18					Nannofossil ooze with diatoms and radiolarians
320-U1335A-19H-1-A	90	171.30	D					1										93		1	4					Nannofossil ooze
320-U1335A-19H-2-A	60	172.50	D					T										84	T	5	11					Nannofossil ooze with radiolarians
320-U1335A-19H-3-A	45	173.85	D	1														80	2	7	10					Nannofossil ooze with radiolarians
320-U1335A-19H-4-A	37	175.27	M					T										50	36	7	7				T	Foraminifer nannofossil ooze
320-U1335A-19H-4-A	45	175.35	D	4												T		42		17	35	3			T	Radiolarian nannofossil ooze with diatoms
320-U1335A-19H-5-A	16	176.56	D					1										82	2	5	10					Nannofossil ooze with radiolarians
320-U1335A-19H-6-A	50	178.40	D	3				T										65		12	20				T	Nannofossil ooze with diatoms and radiolarians
320-U1335A-19H-6-A	104	178.94	D	T				T										89	2	4	5					Nannofossil ooze
320-U1335A-19H-7-A	50	179.90	D					T										81	1	8	10					Nannofossil ooze with radiolarians
320-U1335A-20H-2-A	2	181.42	D					T										80	3	11	6					Nannofossil ooze with diatoms
320-U1335A-20H-3-A	90	183.80	D															93	2	3	2					Nannofossil ooze
320-U1335A-20H-5-A	48	186.38	D															81	2	7	10					Nannofossil ooze with radiolarians
320-U1335A-20H-6-A	64	188.04	D					T										94	1	2	3					Nannofossil ooze
320-U1335A-21H-1-A	44	189.84	D					T										89	3	3	5					Nannofossil ooze
320-U1335A-21H-2-A	70	191.60	D					T										87	6	3	3	T				Nannofossil ooze

*Lithology: (D) Dominant; (M) Minor

**(T) Trace

Sample				Mineralogy (%)													Biogenic (%)										
Sample ID	Top Interval (cm)	Depth CSF-A (m)	Lithology*	Clay Mineral	Phillipsite	Clinoptilolite	Mica	Calcite	Dolomite	Quartz	Microcrystalline Quartz	Apatite	Fe Oxide	Mn Oxide	Feldspar	Volcanic Glass	Micronodules	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Spicules	Fish Remains	Opaque	Lithology
Hole A (continued)																										
320-U1335A-21H-2-A	90	191.80	M					5										52	36	3	4					Foraminifer nannofossil ooze
320-U1335A-21H-2-A	110	192.00	M					5										38	53	2	2					Nannofossil foraminifer ooze
320-U1335A-21H-2-A	127	192.17	M													T		26	70	2	2					Nannofossil foraminifer ooze
320-U1335A-21H-2-A	136	192.26	D															90	2	3	5					Nannofossil ooze
320-U1335A-21H-5-A	60	196.00	D					8										85	1	2	4					Nannofossil ooze
320-U1335A-22H-4-A	40	203.80	D					3										90	2	3	2					Nannofossil ooze
320-U1335A-23H-2-A	130	211.20	D					3										85	2	8	2					Nannofossil ooze
320-U1335A-23H-3-A	30	211.70	D					5										75	9	8	3					Nannofossil ooze
320-U1335A-23H-4-A	20	213.10	D					2										80	5	8	5					Nannofossil ooze
320-U1335A-23H-5-A	50	214.90	D					3										90	2	3	2					Nannofossil ooze
320-U1335A-24H-2-A	107	220.47	D					2										85	8	2	1				1	Nannofossil ooze
320-U1335A-24H-4-A	119	223.59	D					2										88	5	3	2					Nannofossil ooze
320-U1335A-25H-6-A	14	235.04	M	2				5										40	50		2			1		Nannofossil foraminifer ooze
320-U1335A-26H-1-A	99	237.89	D															80	8	8	3	1				Nannofossil ooze
320-U1335A-26H-6-A	38	244.78	D															83	7	8	2				T	Nannofossil ooze
320-U1335A-27H-1-A	39	246.79	M															93	4	1	3					Nannofossil ooze
320-U1335A-27H-2-A	13	248.03	M															33	65	T	2					Nannofossil ooze
320-U1335A-27H-3-A	45	249.85	D															90	3	4	3				T	Nannofossil ooze
320-U1335A-28H-3-A	70	259.60	D															87	4	5	4	T				Nannofossil ooze
320-U1335A-28H-7-A	46	265.36	M															81	10	1	8					Nannofossil ooze with foraminifers
320-U1335A-29H-1-A	30	265.70	M													T		29	70	T	1			T		Nannofossil foraminifer ooze
320-U1335A-29H-1-A	34	265.74	D															46	52	T	1					Nannofossil foraminifer ooze
320-U1335A-29H-1-A	38	265.78	D															94	1	2	3					Nannofossil ooze
320-U1335A-29H-2-A	10	267.00	M															89	6	2	3					Nannofossil ooze
320-U1335A-29H-4-A	60	270.50	D															89	2	7	2					Nannofossil ooze
320-U1335A-29H-7-A	41	274.81	D															90	3	4	3					Nannofossil ooze
320-U1335A-30H-4-A	133	280.73	M															86	9	2	2					Nannofossil ooze
320-U1335A-30H-4-A	135	280.75	D					T										95	2	1	2					Nannofossil ooze
320-U1335A-30H-5-A	77	281.67	D															87	4	6	3				T	Nannofossil ooze
320-U1335A-30H-6-A	112	283.52	M															60	30	6	4				T	Nannofossil ooze
320-U1335A-31H-1-A	87	285.27	D															94	3	1	2					Nannofossil ooze
320-U1335A-31H-2-A	103	286.93	M	1												T		89	2	5	3					Nannofossil ooze
320-U1335A-31H-5-A	82	291.22	M															85	3	1	2				7	Nannofossil ooze
320-U1335A-31H-6-A	102	292.92	M					1								T		92	6	T	1				T	Nannofossil ooze
320-U1335A-32H-1-A	46	294.36	D															94	2	1	2					Nannofossil ooze
320-U1335A-32H-1-A	48	294.38	D															95	3	1	1					Nannofossil ooze
320-U1335A-32H-1-A	70	294.60	M															81	4	13	3					Nannofossil ooze with diatoms
320-U1335A-32H-2-A	90	296.30	D															95	2	1	2					Nannofossil ooze
320-U1335A-32H-5-A	10	300.00	D															32	65	1	2					Nannofossil foraminifer ooze
320-U1335A-32H-5-A	88	300.78	D															29	69	T	2				T	Nannofossil foraminifer ooze
320-U1335A-32H-5-A	92	300.82	D															94	3	1	2					Nannofossil ooze
320-U1335A-33H-3-A	2	306.42	M															88	1	8	3					Nannofossil ooze

*Lithology: (D) Dominant; (M) Minor

**(T) Trace

Sample				Mineralogy (%)													Biogenic (%)										
Sample ID	Top Interval (cm)	Depth CSF-A (m)	Lithology*	Clay Mineral	Phillipsite	Clinoptilolite	Mica	Calcite	Dolomite	Quartz	Microcrystalline Quartz	Apatite	Fe Oxide	Mn Oxide	Feldspar	Volcanic Glass	Micronodules	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Spicules	Fish Remains	Opaque	Lithology
Hole A (continued)																										
320-U1335A-33H-3-A	40	306.80	M															93	2	3	2					Nannofossil ooze
320-U1335A-33H-7-A	30	312.70	D															92	4	2	2					Nannofossil ooze
320-U1335A-34H-4-A	87	316.87	M	2				2										90	1	4	1				T	Nannofossil ooze
320-U1335A-34H-5-A	110	318.60	D					2										90	2	5	1				T	Nannofossil ooze
320-U1335A-35H-1-A	70	323.10	M					2										83	3	9	3					Nannofossil ooze
320-U1335A-35H-6-A	80	330.70	M	1				1										35	60	2	1			T		Nannofossil foraminifer ooze
320-U1335A-36H-5-A	55	338.45	M					2										30	62	1	4				1	Nannofossil foraminifer ooze
320-U1335A-36H-6-A	66	340.06	D					3										90	2	5	T				T	Nannofossil ooze
320-U1335A-37X-5-A	100	348.40	D					3										90	2	5	T				T	Nannofossil ooze
320-U1335A-37X-6-A	44	349.34	M					2										30	60	3	4				1	Nannofossil foraminifer ooze
320-U1335A-38X-4-A	4	355.64	M					2										93	2	2	1					Nannofossil ooze
320-U1335A-41X-1-A	81	380.51	D															96	1	1	2					Nannofossil ooze
320-U1335A-41X-3-A	33	383.03	D															93	2	1	4					Nannofossil ooze
320-U1335A-41X-4-A	87	385.07	M					1										92	3	T					4	Nannofossil ooze
320-U1335A-42X-2-A	35	391.05	D															98	T	T	2					Nannofossil ooze
320-U1335A-42X-3-A	73	392.93	D															93	1	1	4					Nannofossil ooze
320-U1335A-43X-3-A	80	402.60	D															95	3	T	2					Nannofossil ooze
320-U1335A-43X-5-A	54	405.34	M							T								87	8	T	3			T	T	Nannofossil ooze
320-U1335A-43X-5-A	140	406.20	D															95	1	T	3					Nannofossil ooze
320-U1335A-44X-2-A	95	410.85	M													4		84	5	2	4				T	Nannofossil ooze
320-U1335A-44X-2-A	96	410.86	M					T								3		85	6	2	4					Nannofossil ooze
320-U1335A-44X-4-A	98	413.88	M	6				1										66	5	4	5				13	Nannofossil ooze with opaque
320-U1335A-44X-5-A	47	414.87	M															89	11	T	T				T	Nannofossil ooze with foraminifers
320-U1335A-44X-5-A	112	415.52	D					2										89	3	3	3					Nannofossil ooze
320-U1335A-44X-5-A	138	415.78	M					T								14		68	9	1	5				1	Nannofossil ooze with volcanic glass
320-U1335A-44X-6-A	96	416.86	D															97	2	T	1					Nannofossil ooze
Hole B																										
320-U1335B-1H-1-A	15	0.15	D	1													T	65	14	19	3			T	T	Nannofossil ooze with foraminifers and diatoms
320-U1335B-1H-1-A	89	0.89	D	11				T									2	41	15	17	12	T			2	Nannofossil ooze with clay and radiolarians and foraminifers and diatoms
320-U1335B-1H-2-A	53	2.03	D	11														37	15	26	11				T	Diatom nannofossil ooze with clay and radiolarians and foraminifers
320-U1335B-1H-2-A	142	2.92	D	9														74	7	5	2	T			3	Nannofossil ooze
320-U1335B-2H-1-A	126	4.56	D															87	6	4	2				1	Nannofossil ooze
320-U1335B-2H-6-A	54	11.34	M																99	T	T				T	Foraminifer ooze
320-U1335B-3H-3-A	46	16.26	D	5														30	12	45	8					Nannofossil diatom ooze with foraminifers
320-U1335B-3H-4-A	125	18.55	D	12											T			30	15	35	5				3	Nannofossil diatom ooze with clay and foraminifers
320-U1335B-4H-3-A	80	26.10	D	3				2										60	7	20	8	T				Nannofossil ooze with diatoms
320-U1335B-4H-4-A	91	27.71	D	12				2										37	8	35	5	T			1	Diatom nannofossil ooze with clay
320-U1335B-4H-6-A	70	30.50	D	5				3										45	5	40	2				T	Diatom nannofossil ooze
320-U1335B-5H-5-A	20	38.00	D					3										90	3	4						Nannofossil ooze
320-U1335B-5H-6-A	80	40.10	D					3										90	2	5	T					Nannofossil ooze
320-U1335B-6H-3-A	110	45.40	D	5				2										30	3	40	20	T				Nannofossil diatom ooze with radiolarians
320-U1335B-7H-6-A	136	59.66	D	50				1							T			4		22	18				5	Clay with radiolarians and diatoms

*Lithology: (D) Dominant; (M) Minor

**(T) Trace

Sample				Mineralogy (%)												Biogenic (%)										
Sample ID	Top Interval (cm)	Depth CSF-A (m)	Lithology*	Clay Mineral	Phillipsite	Clinoptilolite	Mica	Calcite	Dolomite	Quartz	Microcrystalline Quartz	Apatite	Fe Oxide	Mn Oxide	Feldspar	Volcanic Glass	Micronodules	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Spicules	Fish Remains	Opaque	Lithology
Hole B (continued)																										
320-U1335B-8H-2-A	16	61.96	D	32				1							T			7		35	20				5	Clayey diatom ooze with radiolarians
320-U1335B-8H-4-A	10	64.90	D	8				2								T		55	2	8	22				3	Nannofossil ooze with radiolarians
320-U1335B-10H-1-A	110	80.40	D															86	1	6	6	T				Nannofossil ooze
320-U1335B-10H-3-A	70	83.00	M															29	1	69	2	T				Nannofossil diatom ooze
320-U1335B-11H-1-A	90	89.70	D															93	T	4	3					Nannofossil ooze
320-U1335B-11H-3-A	96	92.76	D															91		5	5					Nannofossil ooze
320-U1335B-11H-4-A	45	93.75	D					T										86	2	8	4	T				Nannofossil ooze
320-U1335B-11H-6-A	63	96.93	D															80	2	9	8					Nannofossil ooze
320-U1335B-12H-2-A	77	100.57	D															93	1	3	3				T	Nannofossil ooze
320-U1335B-12H-6-A	82	106.62	D															86	1	9	4					Nannofossil ooze
320-U1335B-13H-1-A	57	108.37	D															91	1	5	2					Nannofossil ooze
320-U1335B-13H-6-A	38	115.68	D															87	4	3	6					Nannofossil ooze
320-U1335B-13H-6-A	56	115.86	D															79	3	8	10					Nannofossil ooze with radiolarians
320-U1335B-14H-5-A	48	123.78	D															88	2	5	5					Nannofossil ooze
320-U1335B-14H-6-A	60	125.40	D					T										87	2	5	6					Nannofossil ooze
320-U1335B-15H-1-A	98	127.78	M															82	11	T	2				5	Nannofossil ooze with foraminifers
320-U1335B-15H-5-A	30	133.10	D	T				1										93	T	3	3				T	Nannofossil ooze
320-U1335B-16H-5-A	53	142.83	D															83	1	5	11					Nannofossil ooze with radiolarians
320-U1335B-17H-5-A	60	152.40	M	3				2										70	3	15	7				T	Nannofossil ooze with diatoms
320-U1335B-17H-6-A	120	154.50	M	3				3										38	45	3	8					Nannofossil foraminifer ooze
320-U1335B-17H-7-A	62	155.42	M	2				5										40	43	3	7					Nannofossil foraminifer ooze
320-U1335B-18H-2-A	80	157.60	D	2				2										43		15	38					Radiolarian nannofossil ooze with diatoms
320-U1335B-18H-6-A	40	163.20	D															70	20	3	7					Nannofossil ooze with foraminifers
320-U1335B-19H-7-A	46	174.26	D	7				5										40	3	15	30				T	Radiolarian nannofossil ooze with diatoms
320-U1335B-20H-1-A	141	175.71	D	16				4										40	2	8	30				T	Nannofossil radiolarian ooze with clay
320-U1335B-20H-4-A	23	179.03	D															88	5	3	2				1	Nannofossil ooze
320-U1335B-20H-5-A	58	180.88	M															46	1	49	4				T	Nannofossil diatom ooze
320-U1335B-20H-5-A	117	181.47	D															90	2	4	4				T	Nannofossil ooze
320-U1335B-24H-6-A	55	220.35	D															41	1	57	1				T	Nannofossil diatom ooze
320-U1335B-20H-6-A	125	183.05	D	3				3										60	1	5	20					Nannofossil radiolarian ooze
320-U1335B-25H-4-A	10	226.40	M													T		66	30	T	4				T	Foraminifer nannofossil ooze
320-U1335B-25H-5-A	3	227.83	D															87	2	8	3					Nannofossil ooze
320-U1335B-25H-5-A	46	228.26	D															93	2	2	3					Nannofossil ooze
320-U1335B-26H-1-A	88	232.18	D															87	4	4	5					Nannofossil ooze
320-U1335B-26H-4-A	14	235.94	D															83	6	6	5					Nannofossil ooze
320-U1335B-26H-5-A	16	237.46	D															91	2	3	4					Nannofossil ooze
320-U1335B-26H-7-A	36	240.66	D															89	4	4	3					Nannofossil ooze
320-U1335B-27H-3-A	90	244.70	D															91	2	4	3					Nannofossil ooze
320-U1335B-27H-6-A	110	249.40	D															95	1	2	2					Nannofossil ooze
320-U1335B-28H-4-A	92	255.72	D															94	2	2	3				T	Nannofossil ooze
320-U1335B-28H-4-A	120	256.00	D															95	1	3	1					Nannofossil ooze
320-U1335B-29H-5-A	135	267.15	D															88	3	5	4					Nannofossil ooze

*Lithology: (D) Dominant; (M) Minor

**(T) Trace

Sample				Mineralogy (%)												Biogenic (%)											
Sample ID	Top Interval (cm)	Depth CSF-A (m)	Lithology*	Clay Mineral	Phillipsite	Clinoptilolite	Mica	Calcite	Dolomite	Quartz	Microcrystalline Quartz	Apatite	Fe Oxide	Mn Oxide	Feldspar	Volcanic Glass	Micronodules	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Spicules	Fish Remains	Opaque	Lithology
Hole B (continued)																											
320-U1335B-30H-5-A	108	276.38	M	2				3										57	30	3	5					Foraminifer nannofossil ooze
320-U1335B-31H-4-A	135	284.65	M	5				3										73	6	5	8					Nannofossil ooze
320-U1335B-31H-5-A	143	286.23	M	3				2										77	8	5	5					Nannofossil ooze
320-U1335B-36H-2-A	45	328.35	D															88	6	4	2					Nannofossil ooze
320-U1335B-37H-5-A	136	343.16	D															98	1	T	T					Nannofossil ooze
320-U1335B-38H-2-A	96	346.26	D															98	1	T	1					Nannofossil ooze
320-U1335B-38H-2-A	96	346.26	D															95	2	1	2					Nannofossil ooze
320-U1335B-39H-6-A	91	361.21	M															92	3	1	4				T	Nannofossil ooze
320-U1335B-40H-2-A	25	364.05	D															97	2	T	2				T	Nannofossil ooze
320-U1335B-41H-4-A	96	375.56	M															76	18	T	6					Nannofossil ooze with foraminifers

*Lithology: (D) Dominant; (M) Minor

**(T) Trace

U1335 lithology log

Top	(cm)	Bottom	(cm)	Top Depth CSF-A (m)	Bottom Depth CSF-A (m)	Basalt fragment size	Basalt fragment clast shape	Matrix lithology
Hole A								
320-U1335A-38X-5-A	134	320-U1335A-38X-5-A	136	358.44	358.46	<0.5 cm	Angular-subangular	Nannofossil chalk
320-U1335A-44X-2-A	91	320-U1335A-44X-2-A	100	410.81	410.90	<0.3 cm	Angular-subangular	Nannofossil chalk
320-U1335A-44X-5-A	129	320-U1335A-44X-5-A	142	415.69	415.82	<0.1 cm	Angular-subangular	Nannofossil chalk
320-U1335A-44X-6-A	7	320-U1335A-44X-6-A	19	415.97	416.09	<0.1 cm	Angular-subangular	Nannofossil chalk
Hole B								
320-U1335B-43X-1-A	110	320-U1335B-43X-1-A	114	387.30	387.34	<3 cm	Angular-subangular	Nannofossil chalk
320-U1335B-43X-2-A	136	320-U1335B-43X-2-A	141	389.06	389.11	<2 cm	Angular-subangular	Nannofossil chalk
320-U1335B-43X-3-A	3	320-U1335B-43X-3-A	7	389.23	389.27	<3 cm	Angular-subangular	Nannofossil chalk
320-U1335B-45X-1-A	7	320-U1335B-45X-1-A	9	405.47	405.49	<1.5 cm	Angular-subangular	Nannofossil chalk