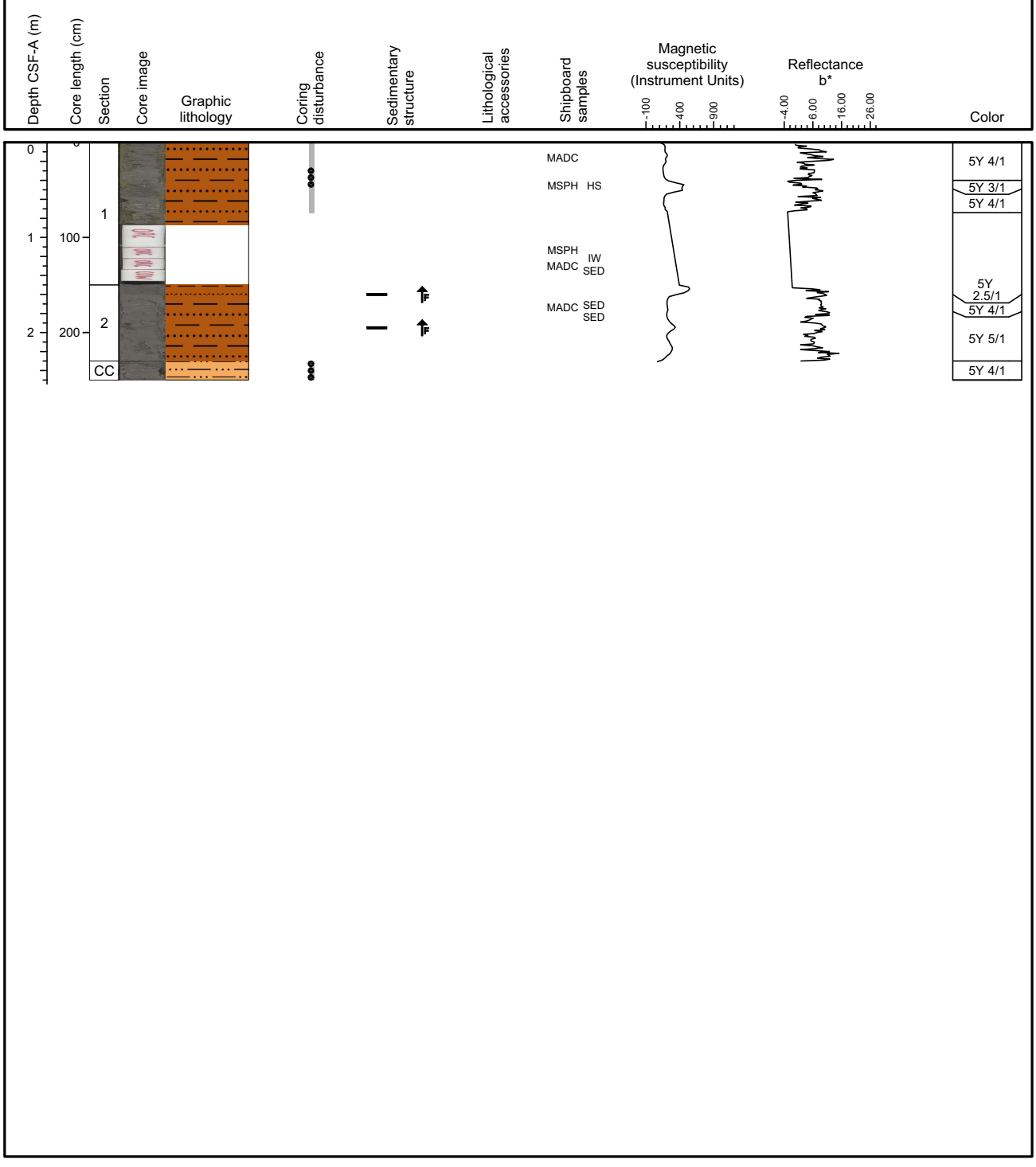
Core Photo

Hole 327-U1363B Core 1H, Interval 0.0-2.5 m (CSF-A)

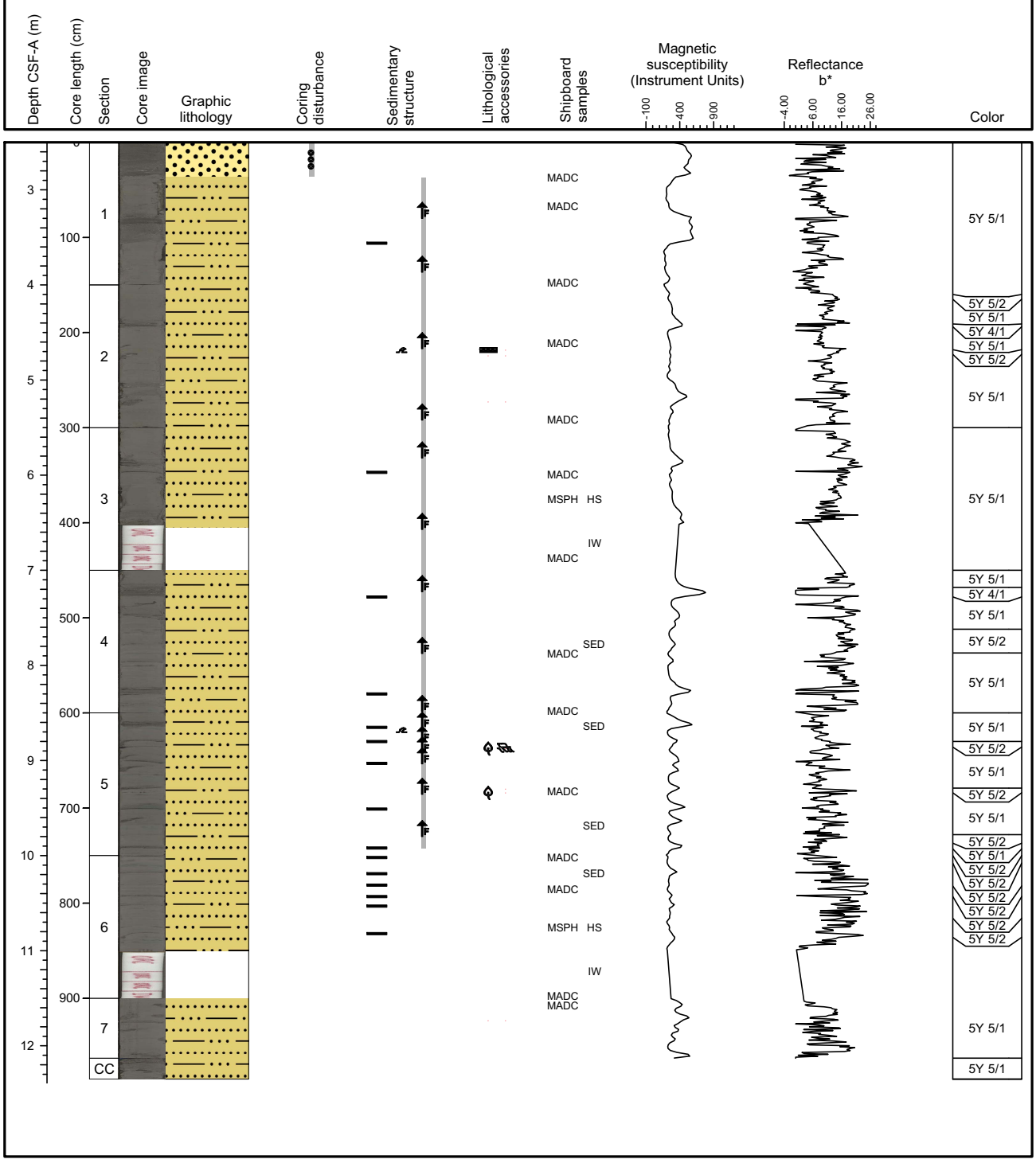
Clayey sand, clayey silt and sandy clay
Section 1 is soupy and internally structureless. Section 2 consists of predominately clayey sands with a sharp contact and scoured horizon at 20 cm. Fine parallel laminations are seen at 28 cm and between 28cm to 45cm several ash deposits are recorded.



Core Photo

Hole 327-U1363B Core 2H, Interval 2.5-12.35 m (CSF-A)

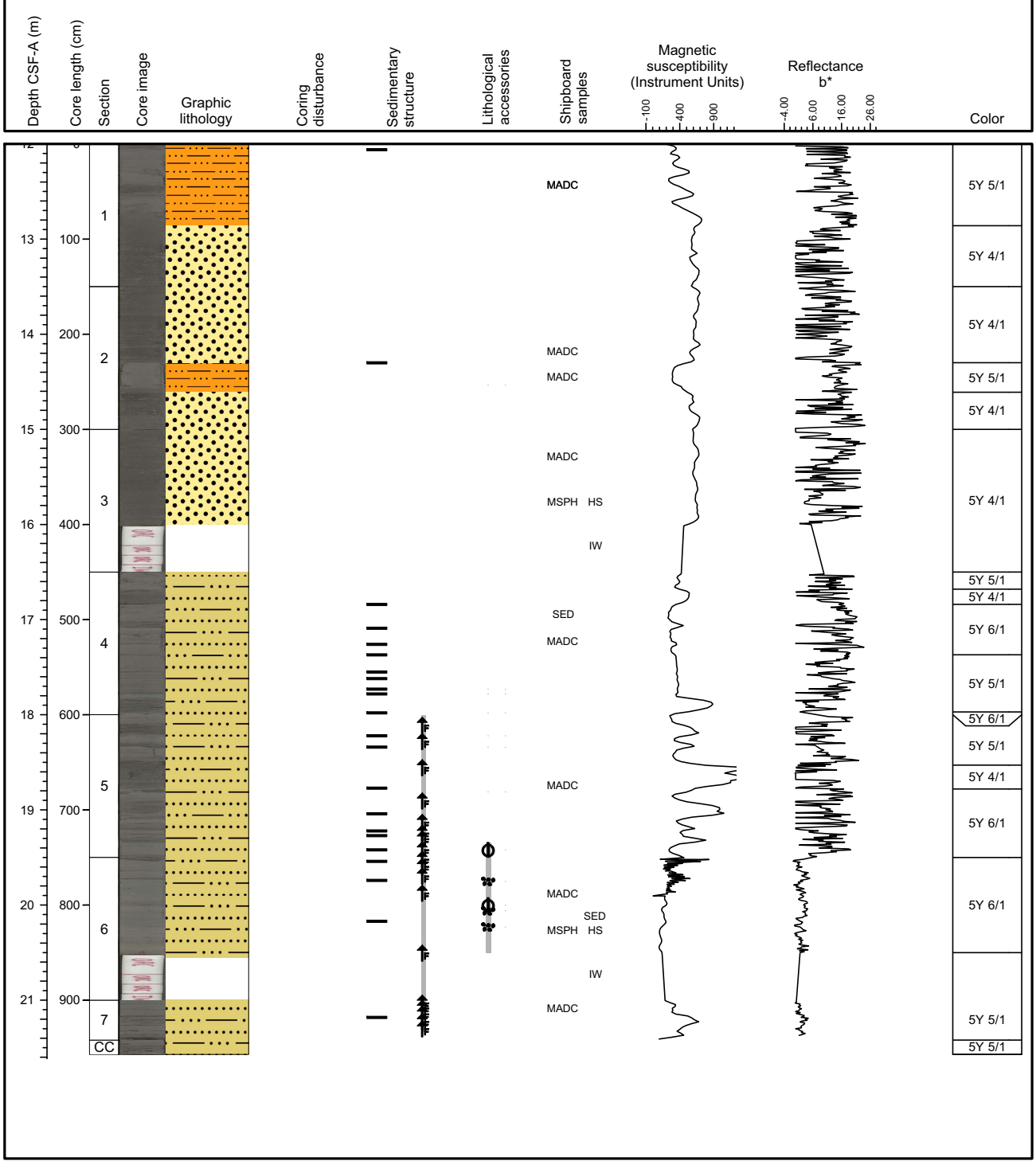
Medium sand and medium sand-silt-clay
Several fining upward sequences with sharp bases and gradational tops. The top 36 cm of section 1 is soupy, probably fall-in, medium sands with abundant planktic foraminifera. Mottling, with volcanic ash, and moderate to heavy Zoophycos bioturbation are evident throughout the core. Medium sands are darker grey in color (5Y 4/1) with a high abundance of volcanic glass fragments, compared to the lighter colored silts and clays (5Y 5/2 and 5Y 5/1 respectively).



Core Photo

Hole 327-U1363B Core 3H, Interval 12.0-21.57 m (CSF-A)

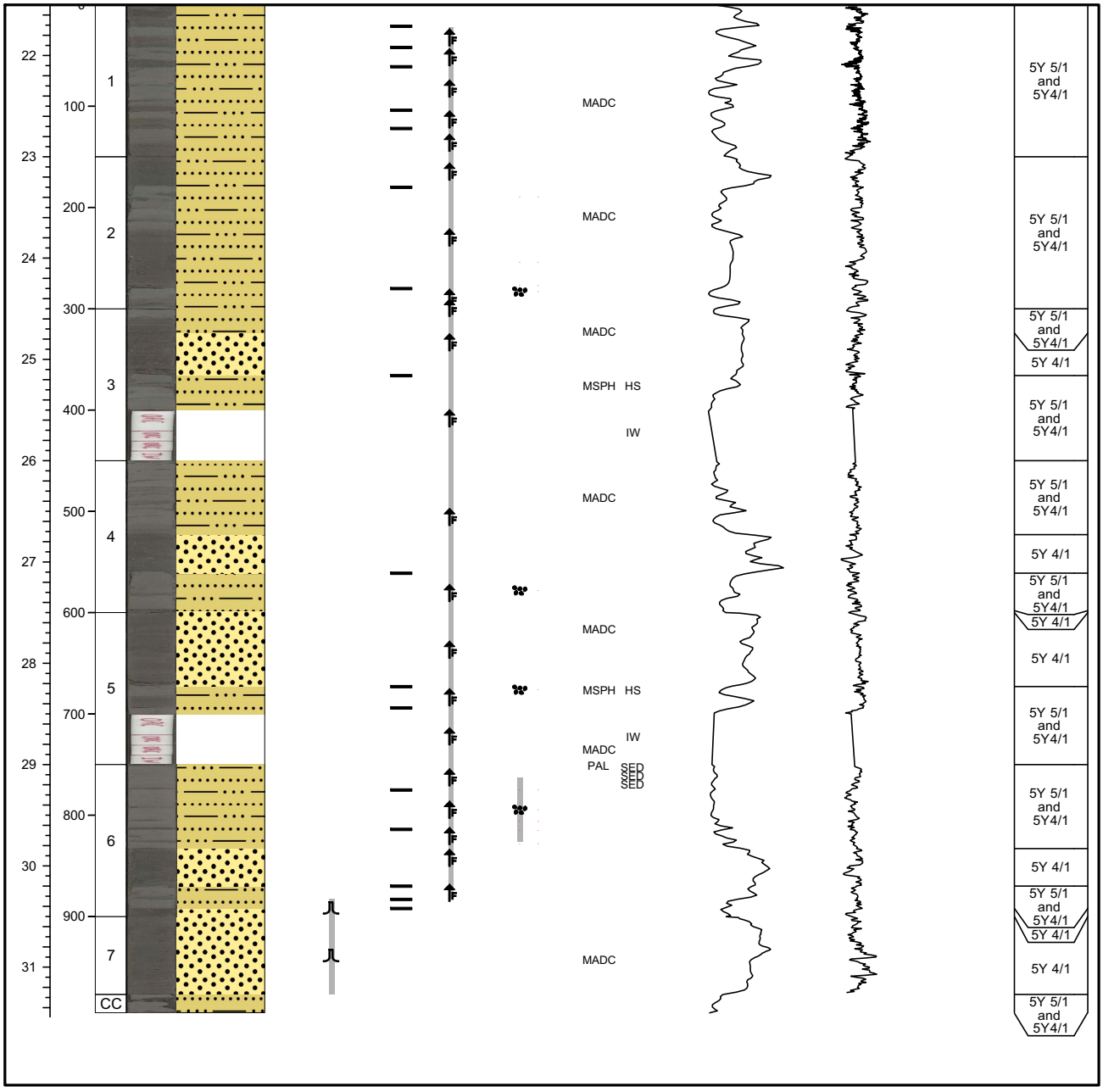
Medium sand, medium sand-silt-clay and silty clay
The core contains several fining upward sequences; lower contacts are sharp with gradational tops. They range from 25 cm to 1 m plus in thickness. Foraminiferal sands are abundant along the scoured horizons in sections 4 and 5. Sections 6 and 7 are a slightly lighter grey color (5Y 6/1) than the upper sections (5Y 4/1), which represent a higher calcium carbonate content; nannofossils (Emiliania huxleyi was identified in smear slides) are moderately abundant. Bioturbation and mottling are moderately abundant throughout sections 2 to 7.



Core Photo

Hole 327-U1363B Core 4H, Interval 21.5-31.45 m (CSF-A)

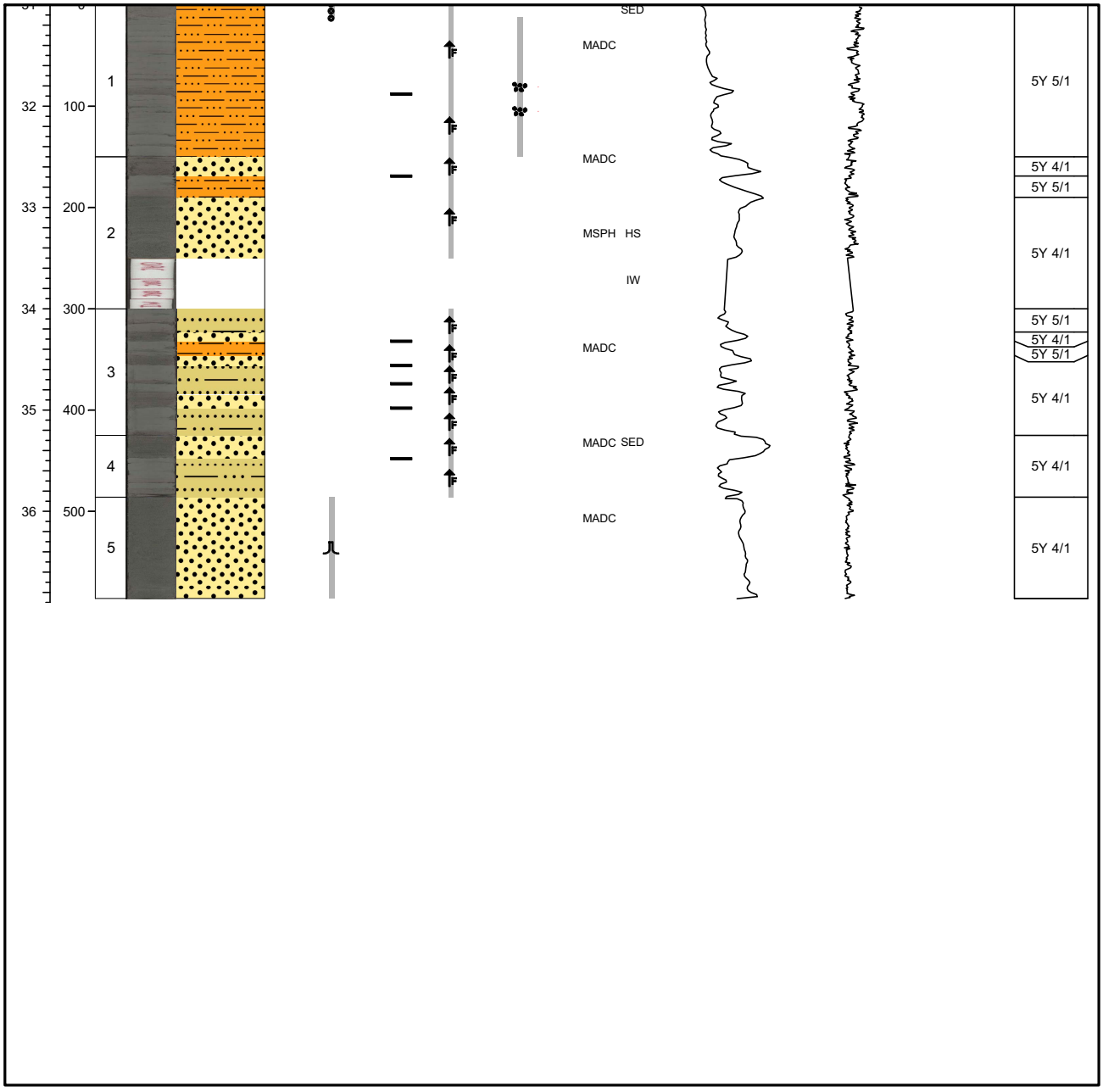
Medium sand and medium sand-silt-clay
The core contains several fining upward sequences; lower contacts are sharp with gradational tops. They average 30 cm in thickness. The lower part of section 6 and all of section 7 contains flow-in medium sands which distorts the thickness of sand layers. Parallel laminations within silt and clay horizons are apparent in sections 2, 4 and 5. Several wood fragments are found within the medium sands of section 2. Foraminiferal sands are abundant along the scoured horizons in section 6.



Core Photo

Hole 327-U1363B Core 5H, Interval 31.0-36.86 m (CSF-A)

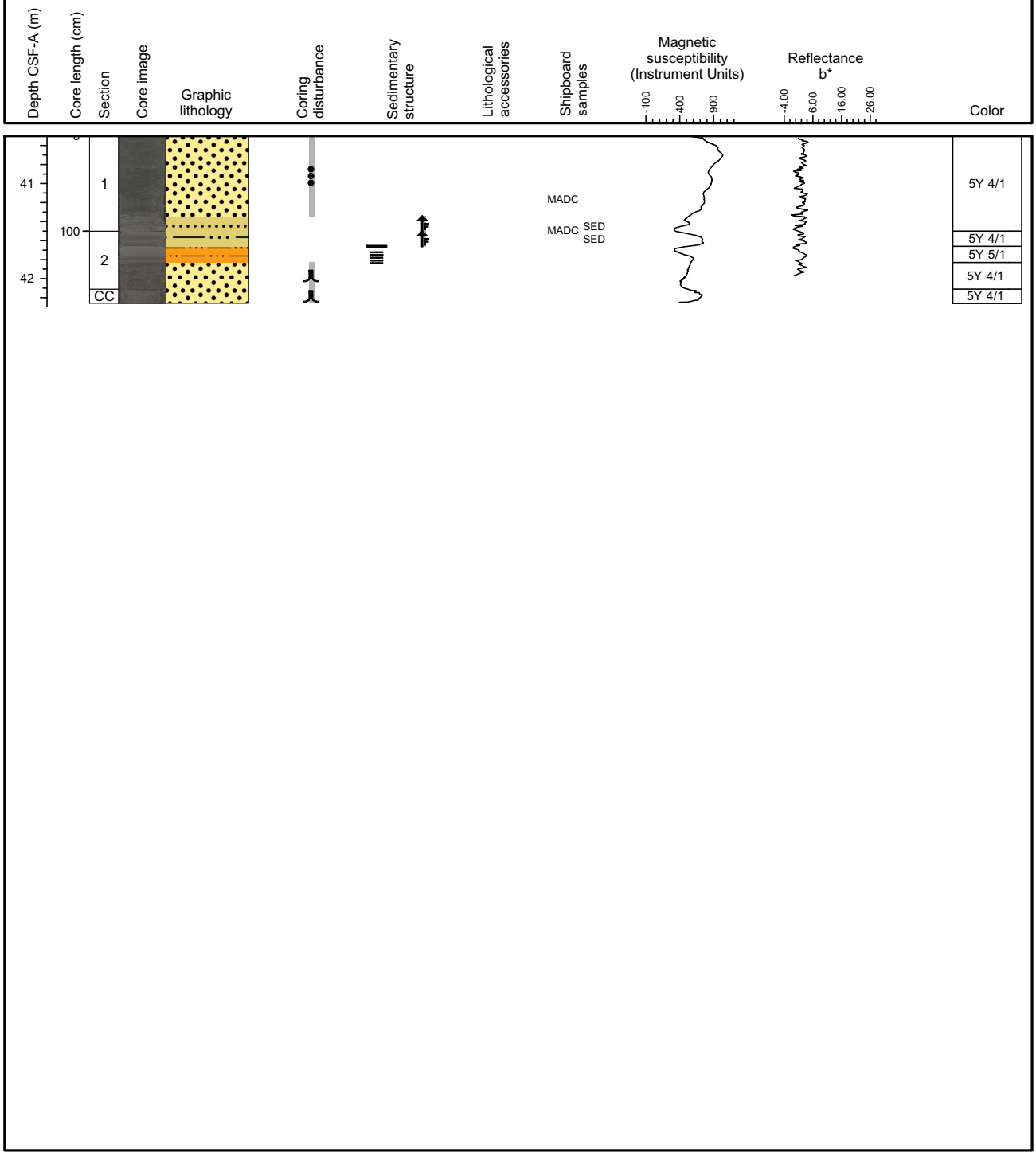
Medium sand, medium sand-silt-clay and silty clay
The core contains several fining upward sequences; lower contacts are sharp with gradational tops. Forams are more abundant in the silty clay horizons.
Flow in at bottom, soupy at top.



Core Photo

Hole 327-U1363B Core 6H, Interval 40.5-42.26 m (CSF-A)

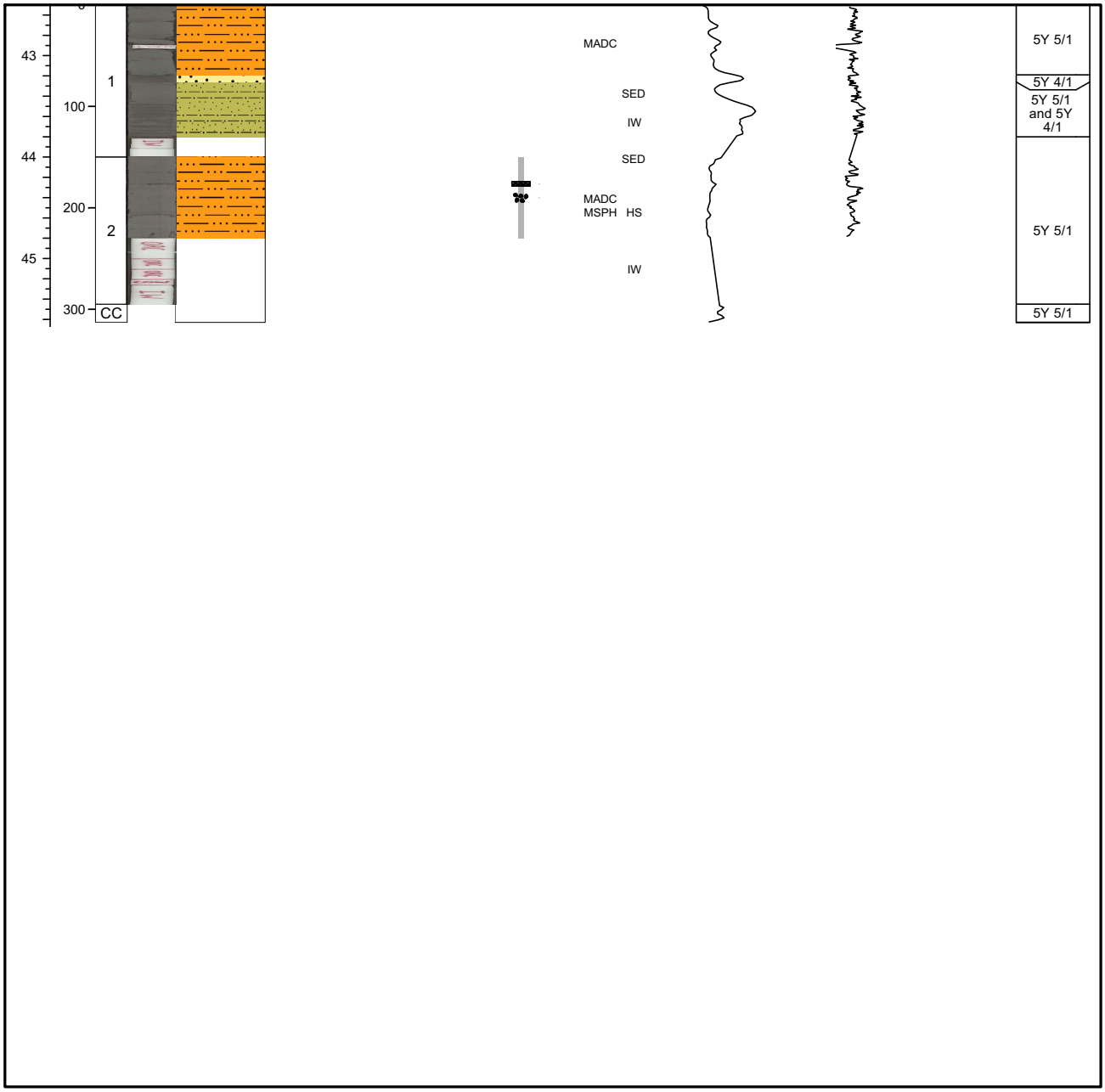
Medium sand, medium sand-silt clay
Fall in and flow in. Soupy at top and bottom of coarse sands. Section 2 sand contains millimetric sized glass fragments, silty clay interval checked for nannofossils – barren. This core contains fining upward sequences and color banding in section 2.



Core Photo

Hole 327-U1363B Core 7X, Interval 42.5-45.63 m (CSF-A)

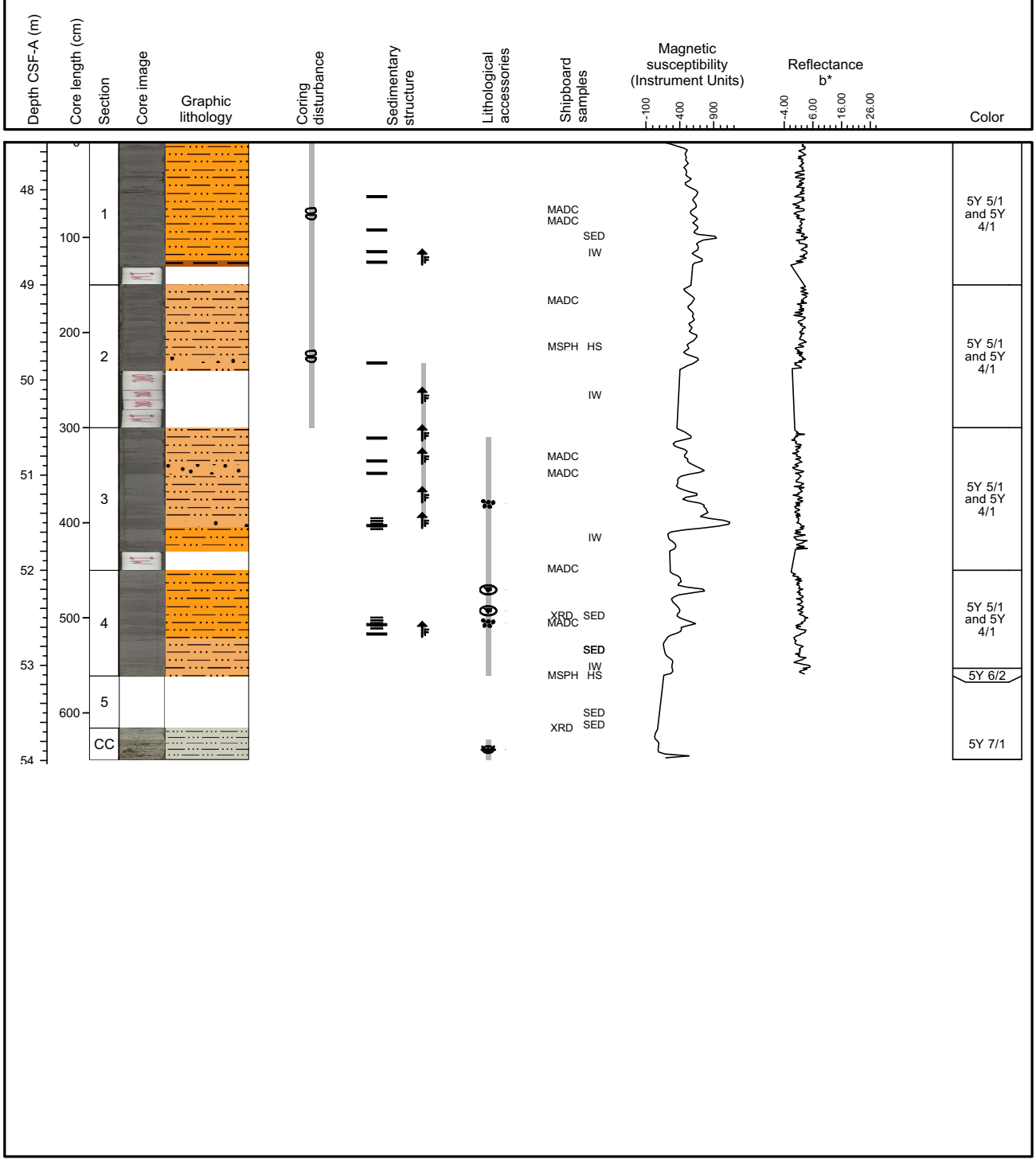
Silty clay-fine sands
Base of section 1 – parallel laminations alternating between fine sands and silts. No evidence of biscuiting. Clay lens in section 2.



Core Photo

Hole 327-U1363B Core 8X, Interval 47.5-53.99 m (CSF-A)

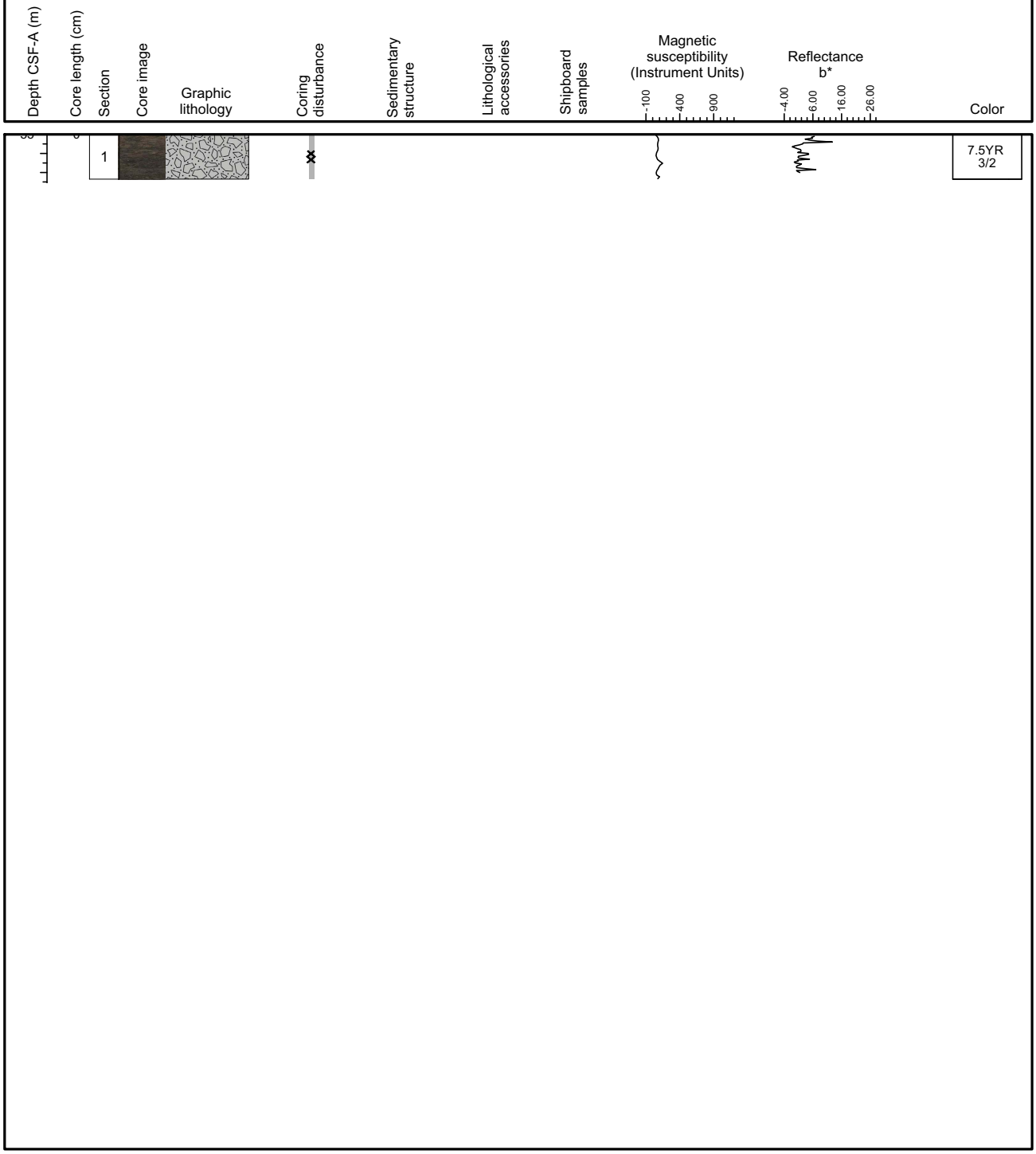
Silty clay, clayey silt, clayey sand
Sands are finer. No more foram sand horizons. This core contains fining upward sequences, contacts are sharp. Sect 4 becomes more lithified at 104 cm. Biscuits. Silt darker – 5Y 4/1 clay lighter 5Y 5/1. Silt lens in Section 4 and indurated green color bands. Claystone at the bottom of core. Calcareous clayey silt in CC and brown iron oxides.



Core Photo

Hole 327-U1363B Core 9X, Interval 55.0-55.47 m (CSF-A)

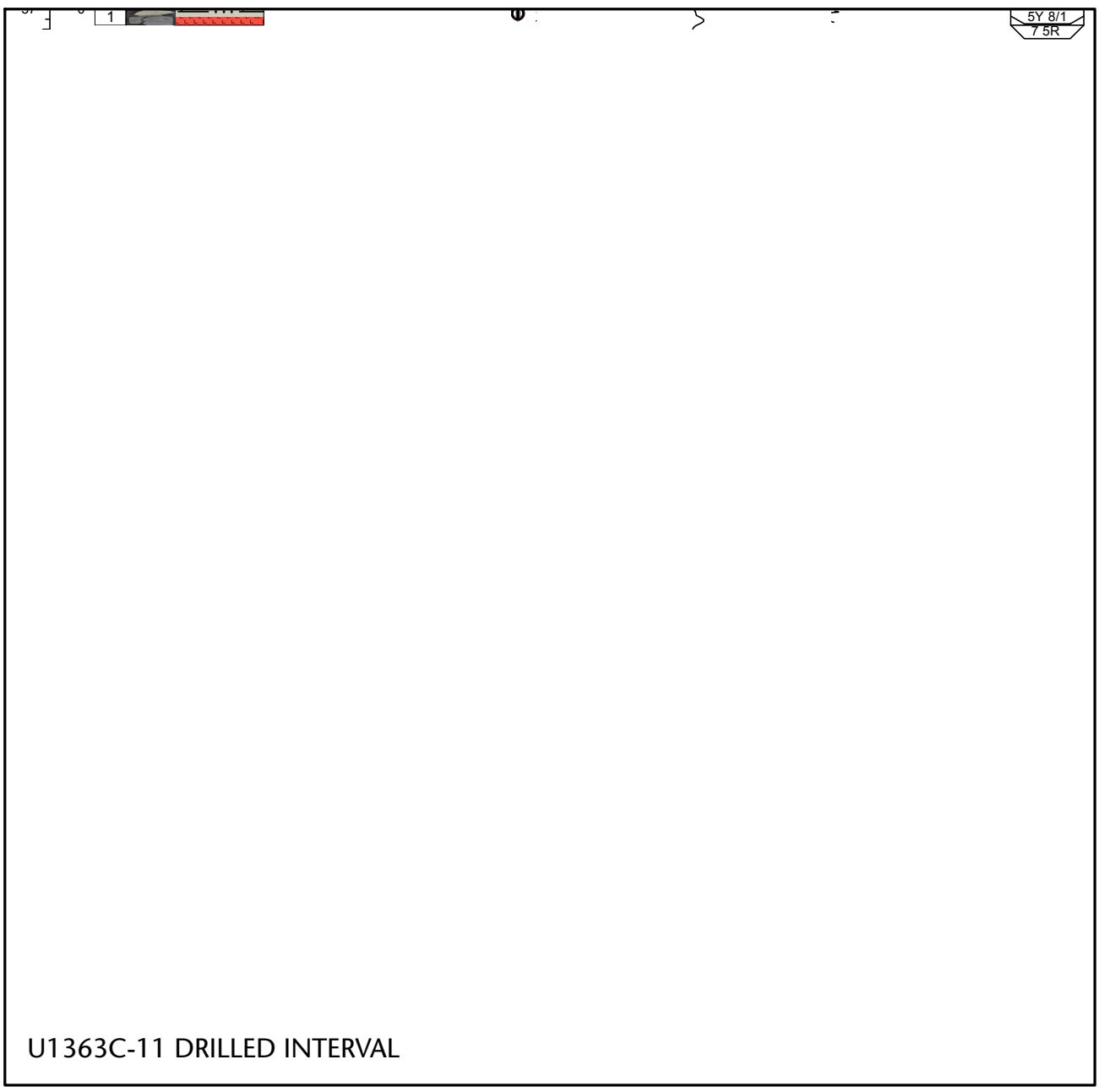
Brown iron oxides and clasts of basalts, claystone in drlling slurry. Clasts vary from gravel sized to several cm.



Core Photo

Hole 327-U1363B Core 10X, Interval 57.0-57.16 m (CSF-A)

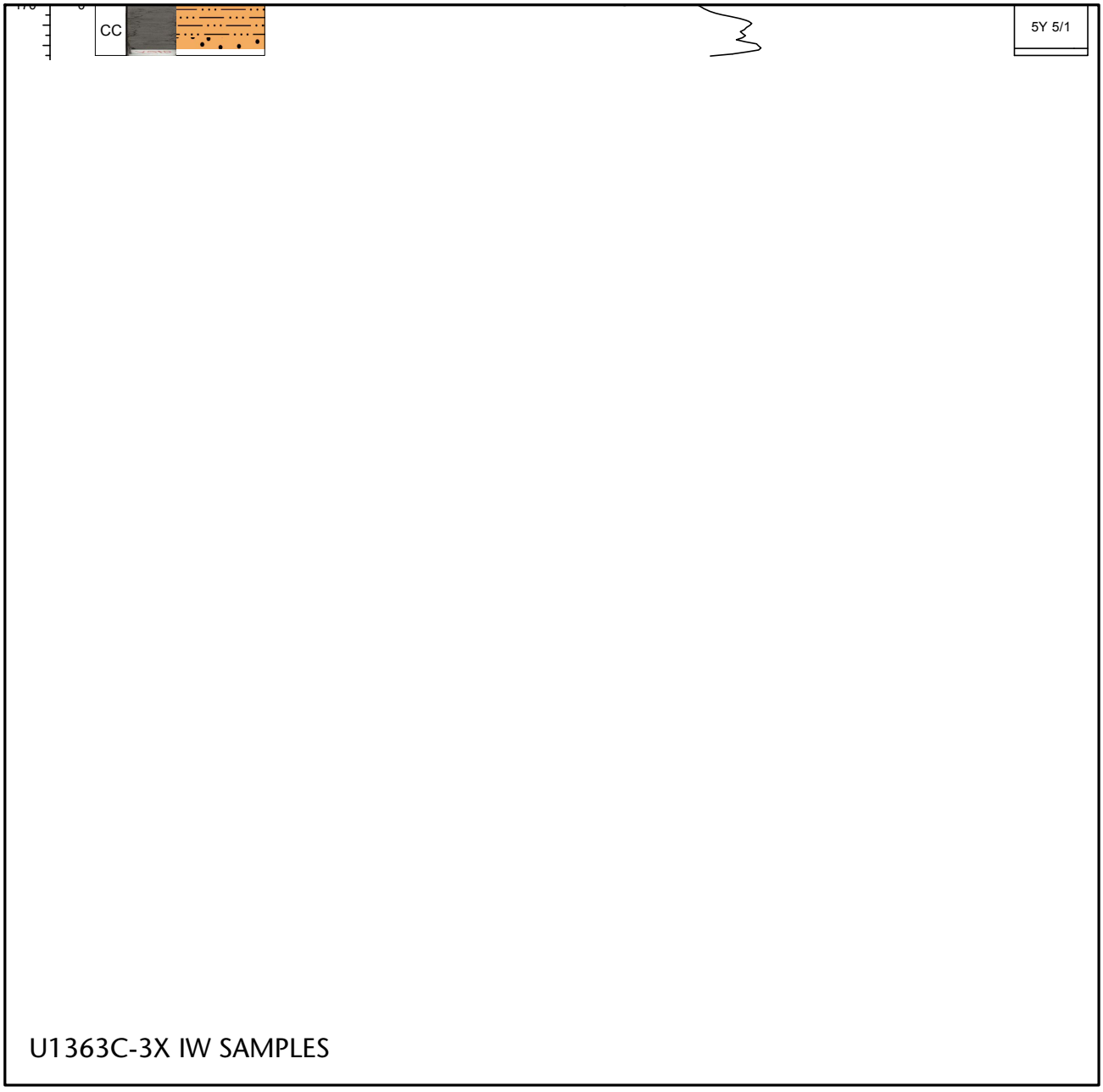
Baked calcareous claystone and basalt pillow.



Core Photo

Hole 327-U1363C Core 2X, Interval 170.0-170.5 m (CSF-A)

Clayey silt-silt.
Laminations in base part of silt layer.

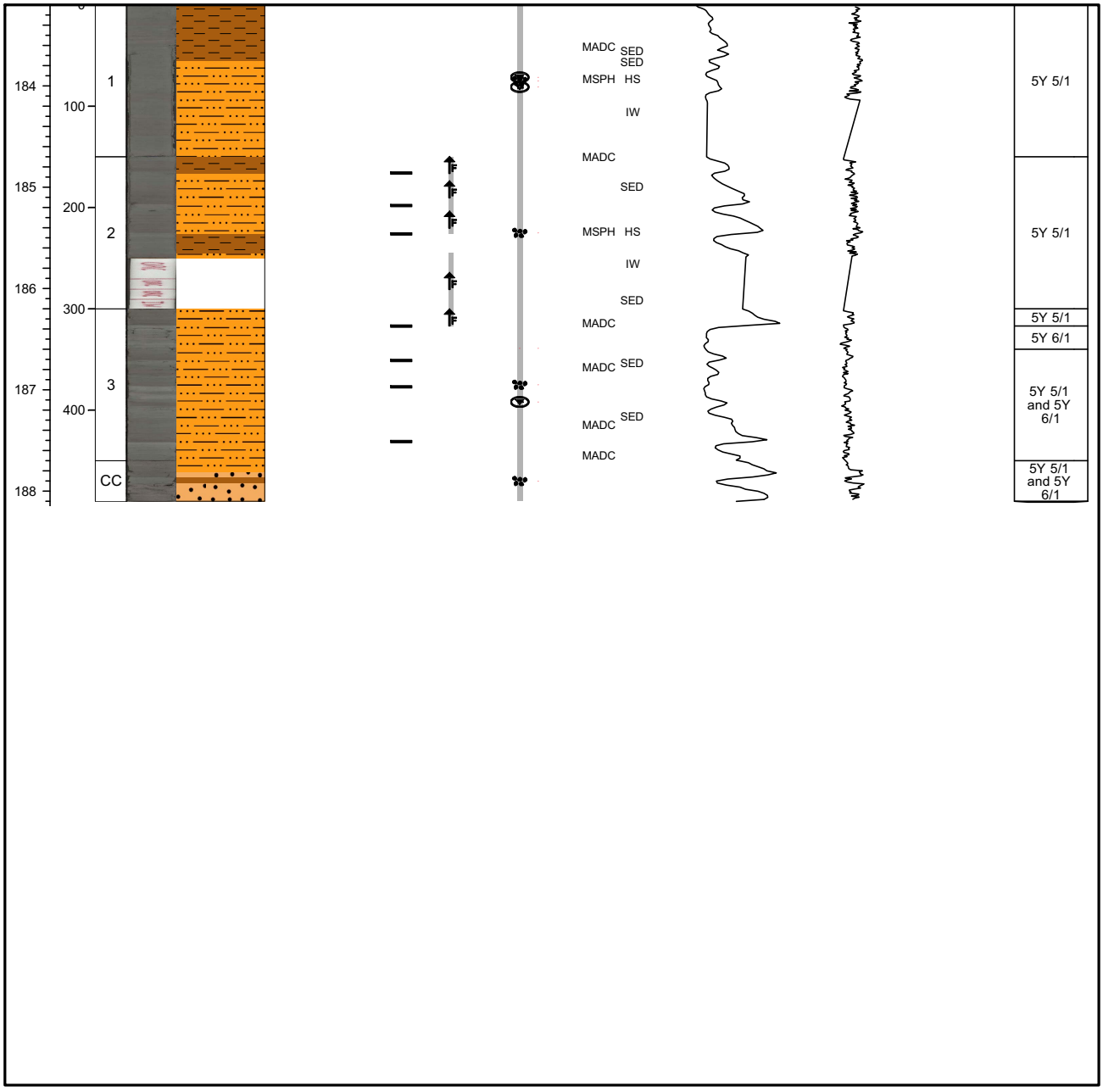


U1363C-3X IW SAMPLES

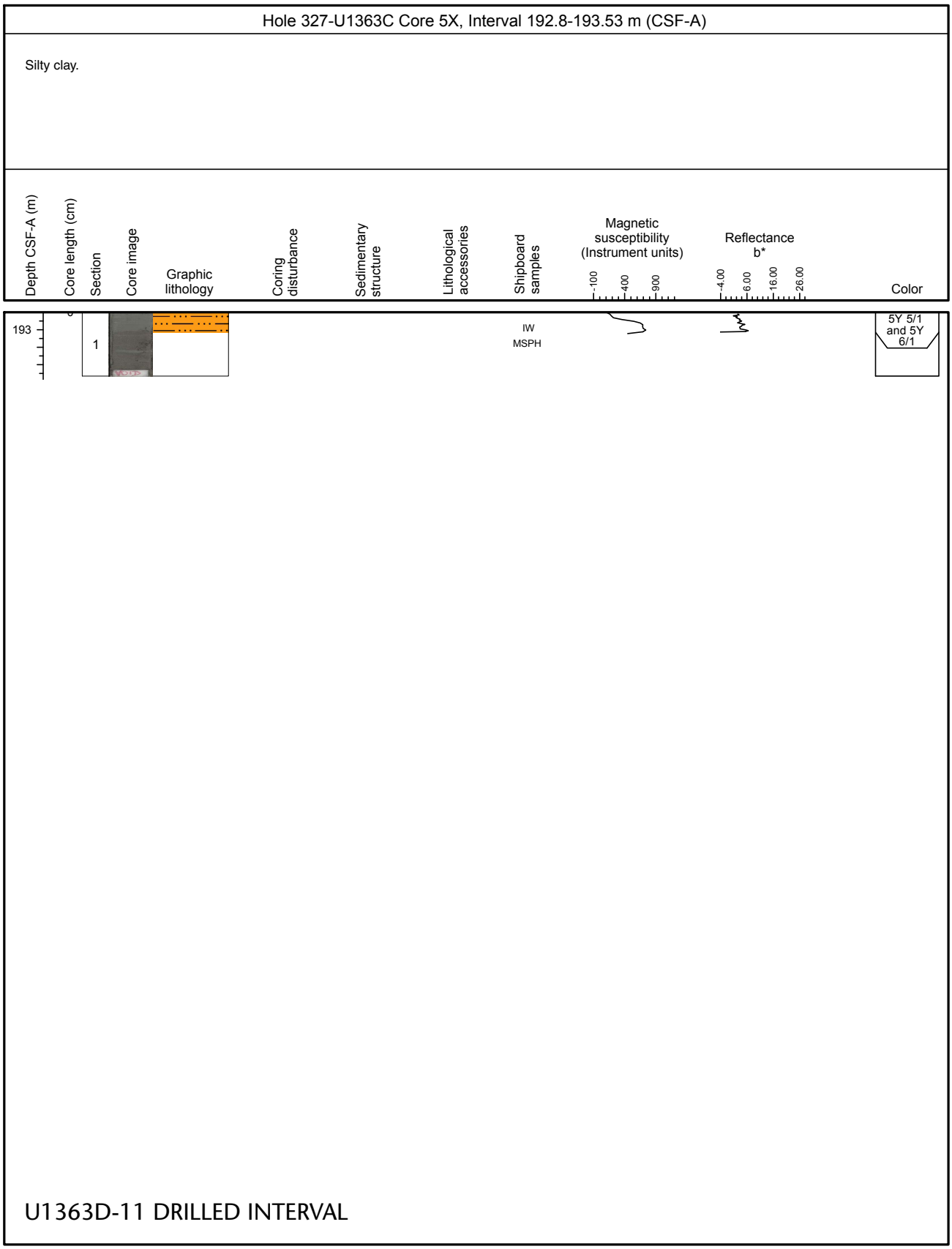
Core Photo

Hole 327-U1363C Core 4X, Interval 183.2-188.1 m (CSF-A)

Silty clay-silt.
This core contains fining upward sequences, contacts are sharp. Foraminfera-rich silts are present. CaCO3 rich zone in section 3. Mottling.



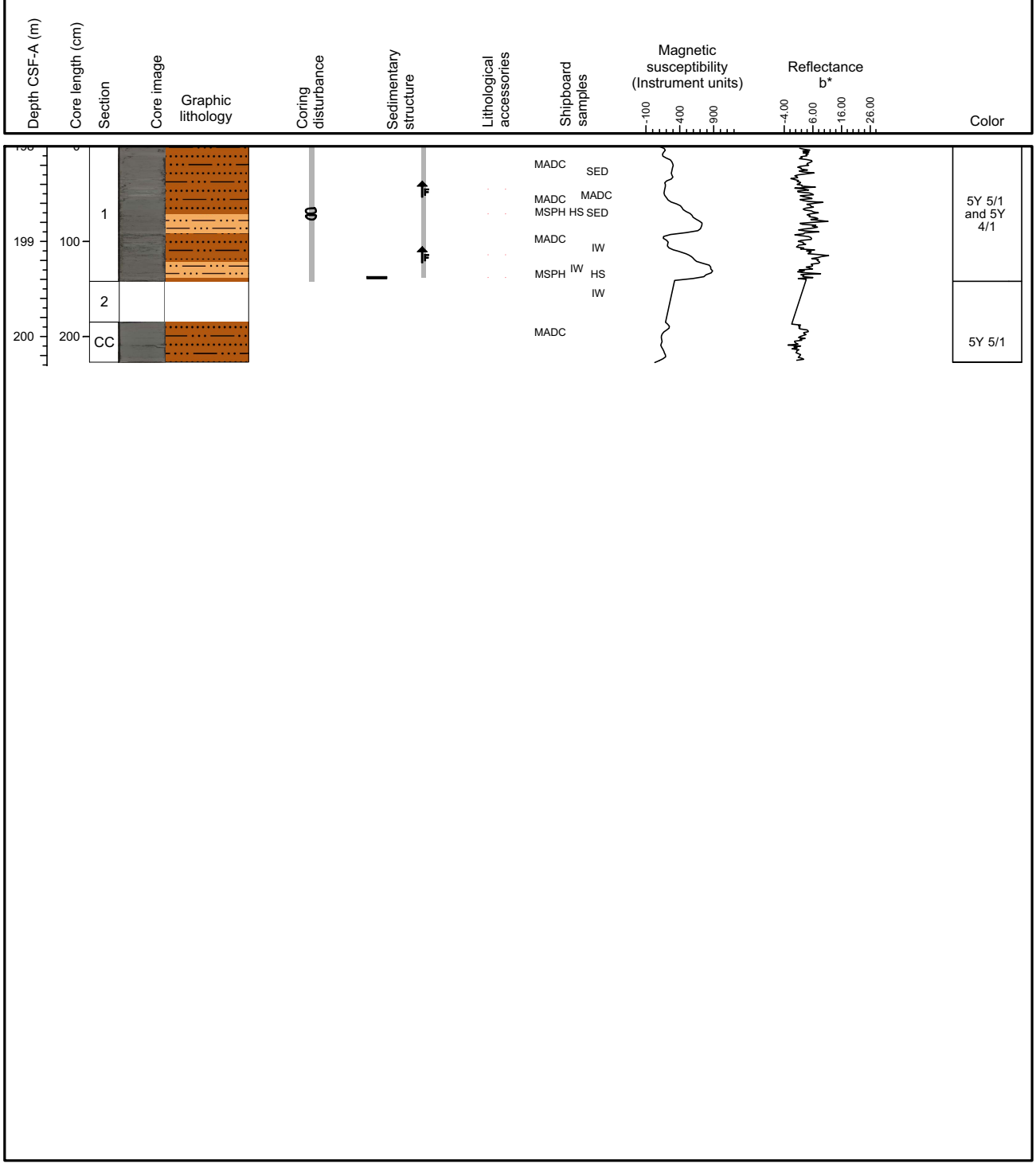
Core Photo


Hole 327-U1363C Core 5X, Interval 192.8-193.53 m (CSF-A)
Silty clay.
Depth CSF-A (m)
Core length (cm)
Section
Core image
Graphic lithology
Coring disturbance
Sedimentary structure
Lithological accessories
Shipboard samples
Magnetic susceptibility (Instrument units)
-100
400
900
Reflectance b*
-4.00
6.00
16.00
26.00
Color
193
1
IW
MSPH
5Y 5/1 and 5Y 6/1
U1363D-11 DRILLED INTERVAL

Core Photo

Hole 327-U1363D Core 2X, Interval 198.0-200.27 m (CSF-A)

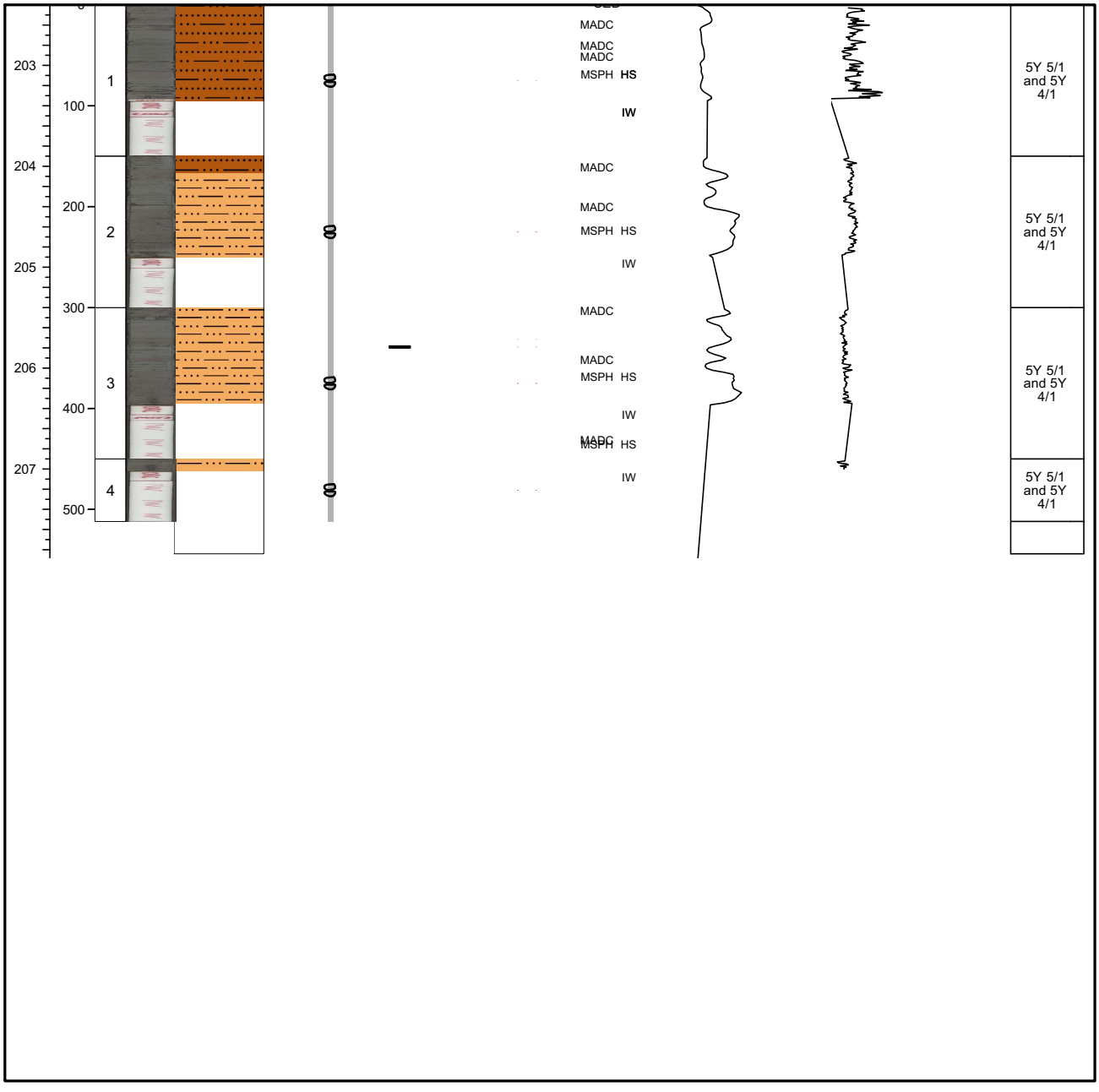
Clay and clayey silt
Biscuits, clayey silt, silt horizons, fining upwards sequences. 5Y 4/1 refers to silts and 5Y 5/1 to the clays. Lithified surfaces, harder bits. Uneven sliced. Fine clays flow in between biscuits. Biscuits harder.



Core Photo

Hole 327-U1363D Core 3X, Interval 202.4-207.84 m (CSF-A)

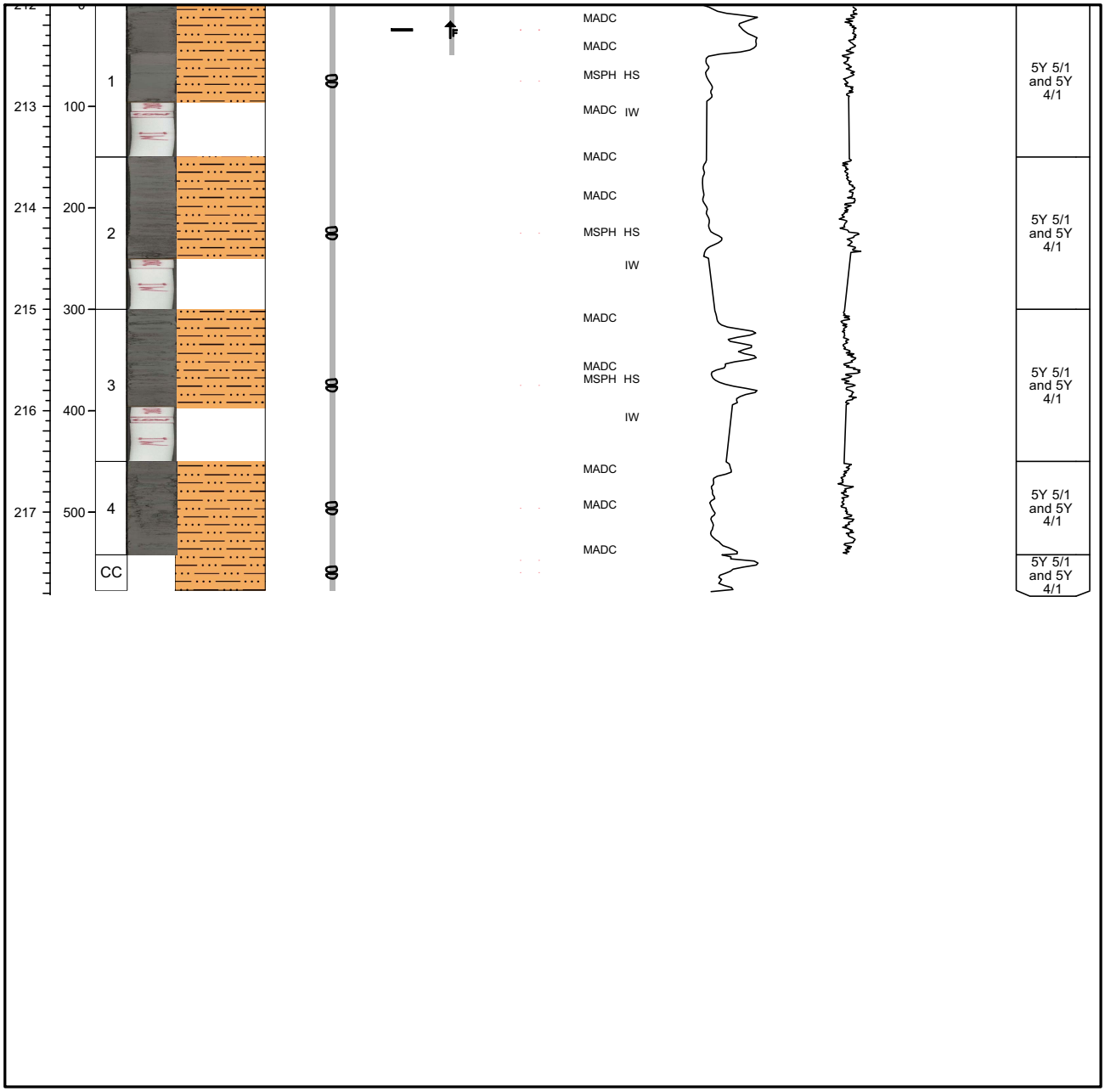
Clay and clayey silt.
Clayey silts with several fining upwards sequence. Abundant forams throughout. Laminations in silts.



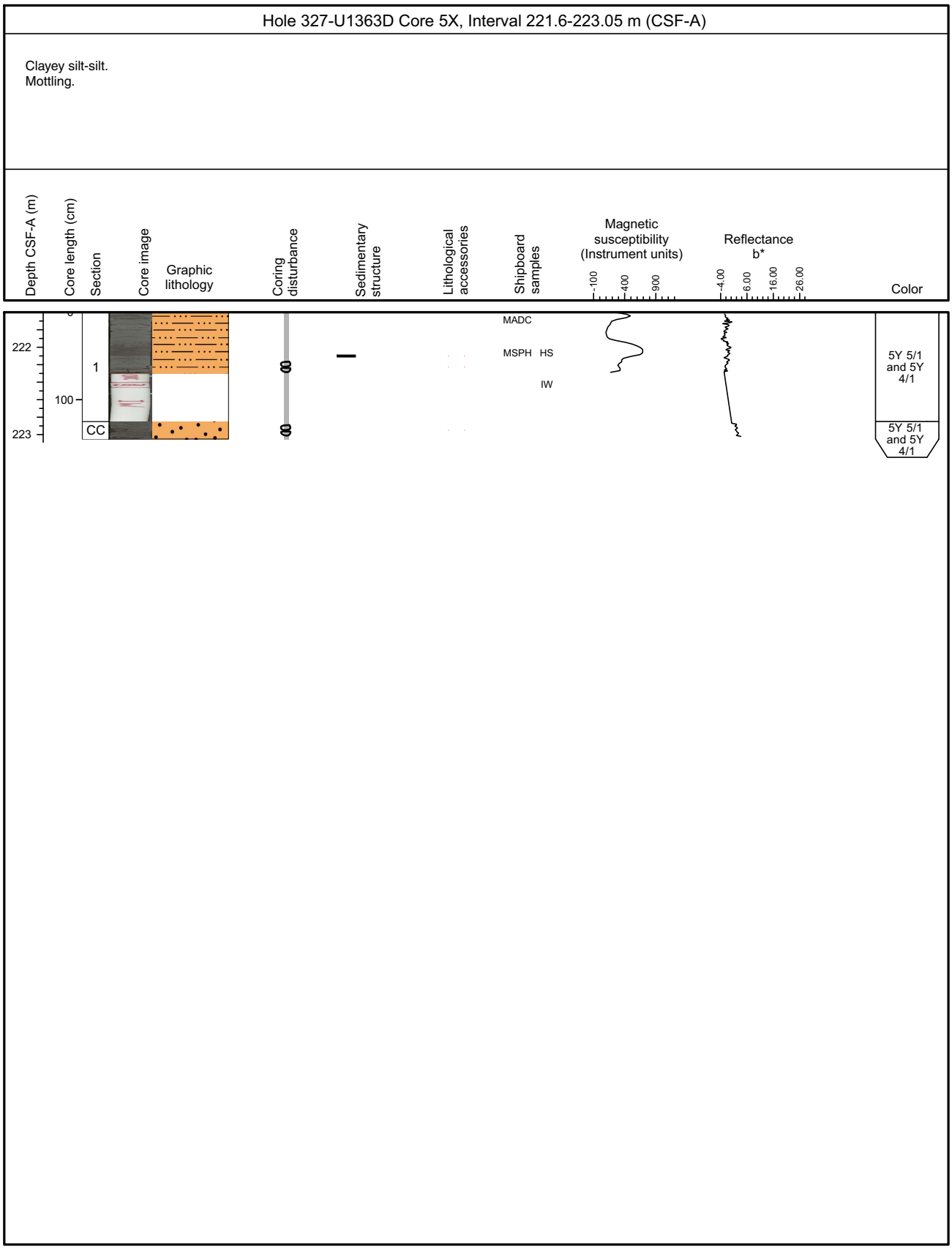
Core Photo

Hole 327-U1363D Core 4X, Interval 212.0-217.77 m (CSF-A)

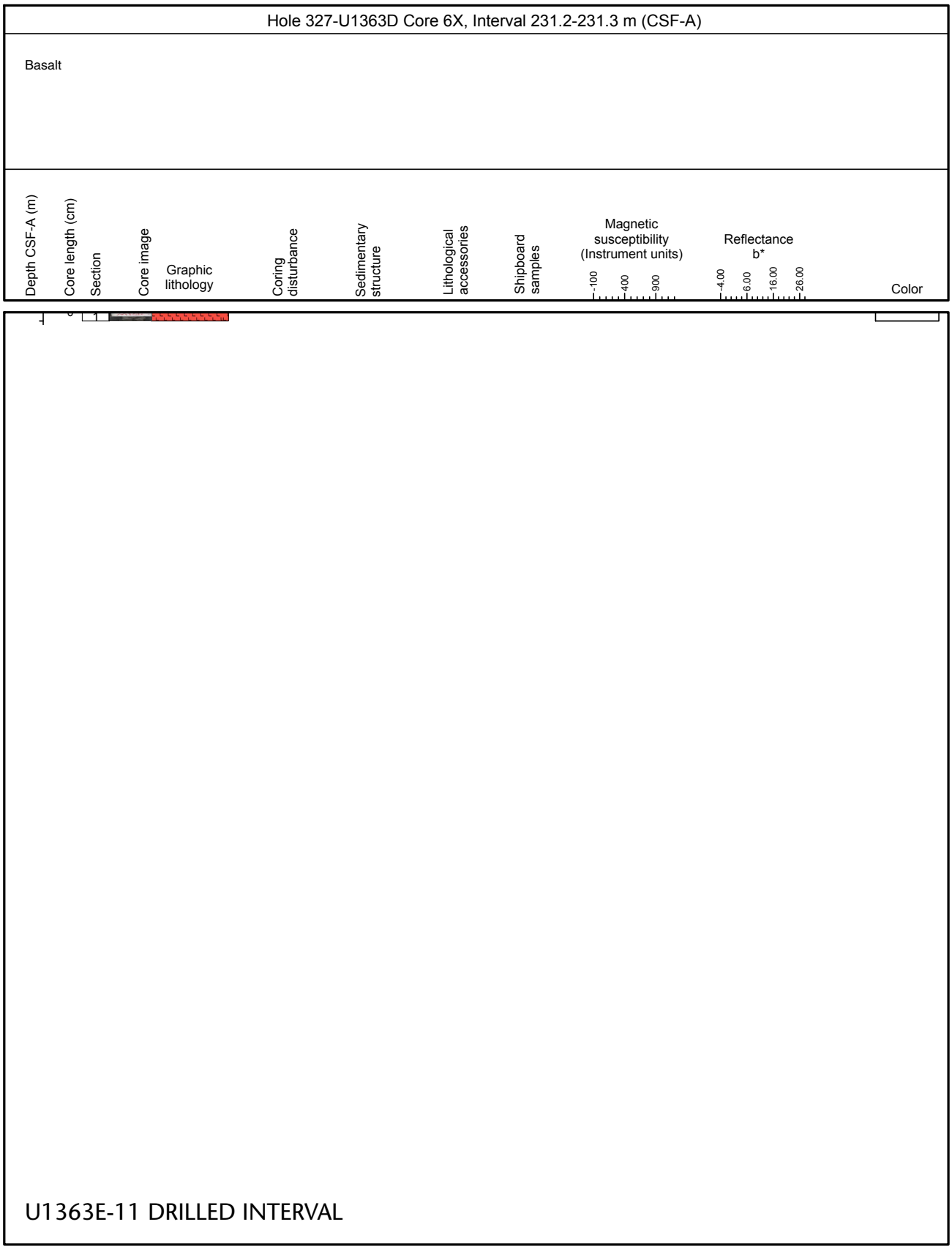
Clayey silt
Section 1 contain fining upwards sequences. Clayey silts with biscuit horizons. Parallel laminations are present at the base of the core.



Core Photo


Hole 327-U1363D Core 5X, Interval 221.6-223.05 m (CSF-A)
Clayey silt-silt.
Mottling.
Depth CSF-A (m)
Core length (cm)
Section
Core image
Graphic lithology
Coring disturbance
Sedimentary structure
Lithological accessories
Shipboard samples
Magnetic susceptibility (Instrument units)
-100
400
900
Reflectance b*
-4.00
6.00
16.00
26.00
Color
222
100
223
1
CC
MADC
MSPH HS
IW
5Y 5/1 and 5Y 4/1
5Y 5/1 and 5Y 4/1

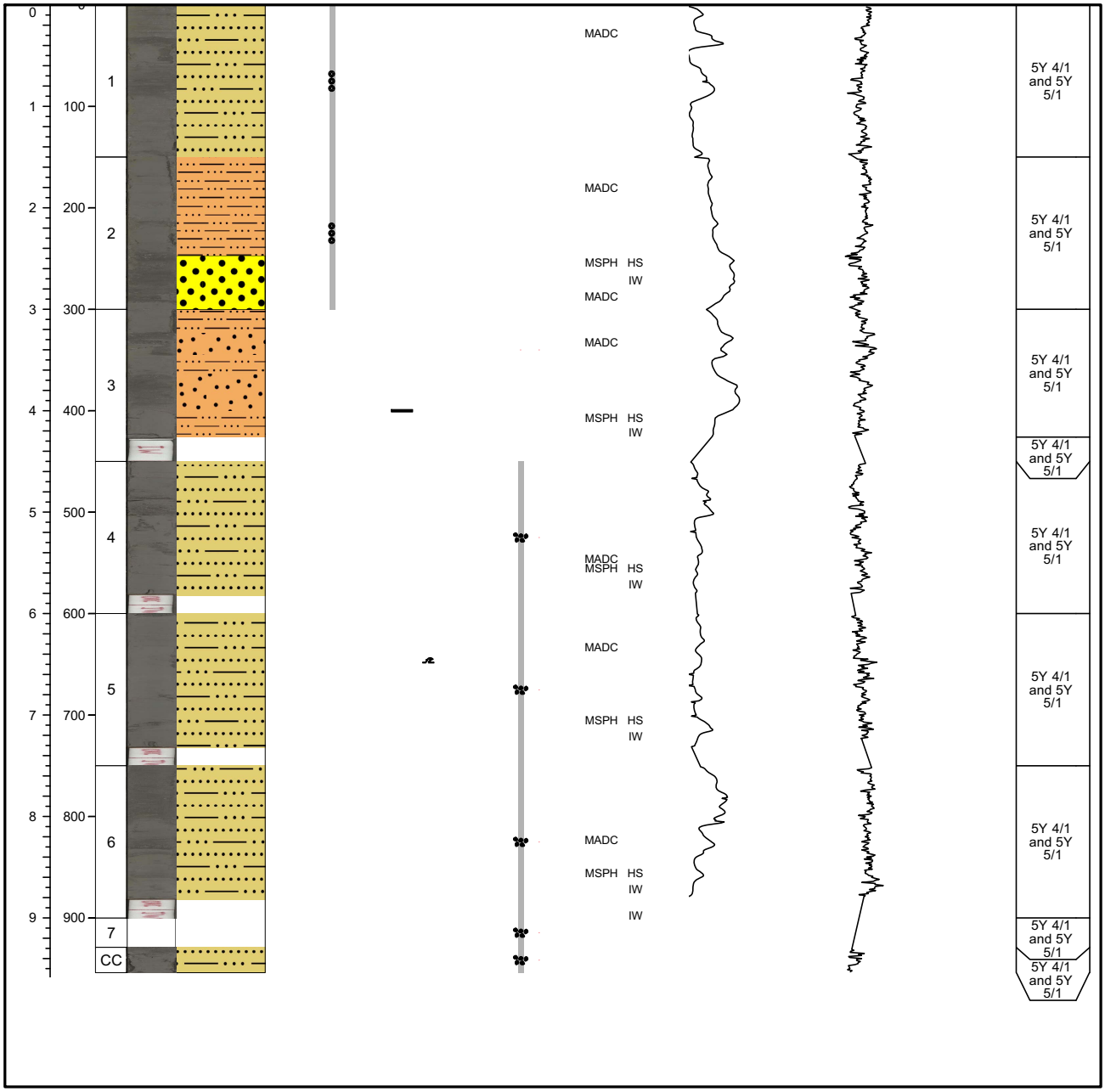
Core Photo


Hole 327-U1363D Core 6X, Interval 231.2-231.3 m (CSF-A)
Basalt
Depth CSF-A (m)
Core length (cm)
Section
Core image
Graphic lithology
Coring disturbance
Sedimentary structure
Lithological accessories
Shipboard samples
Magnetic susceptibility (Instrument units)
-100
400
900
Reflectance b*
-4.00
6.00
16.00
26.00
Color
U1363E-11 DRILLED INTERVAL

Core Photo

Hole 327-U1363F Core 1H, Interval 0.0-9.54 m (CSF-A)

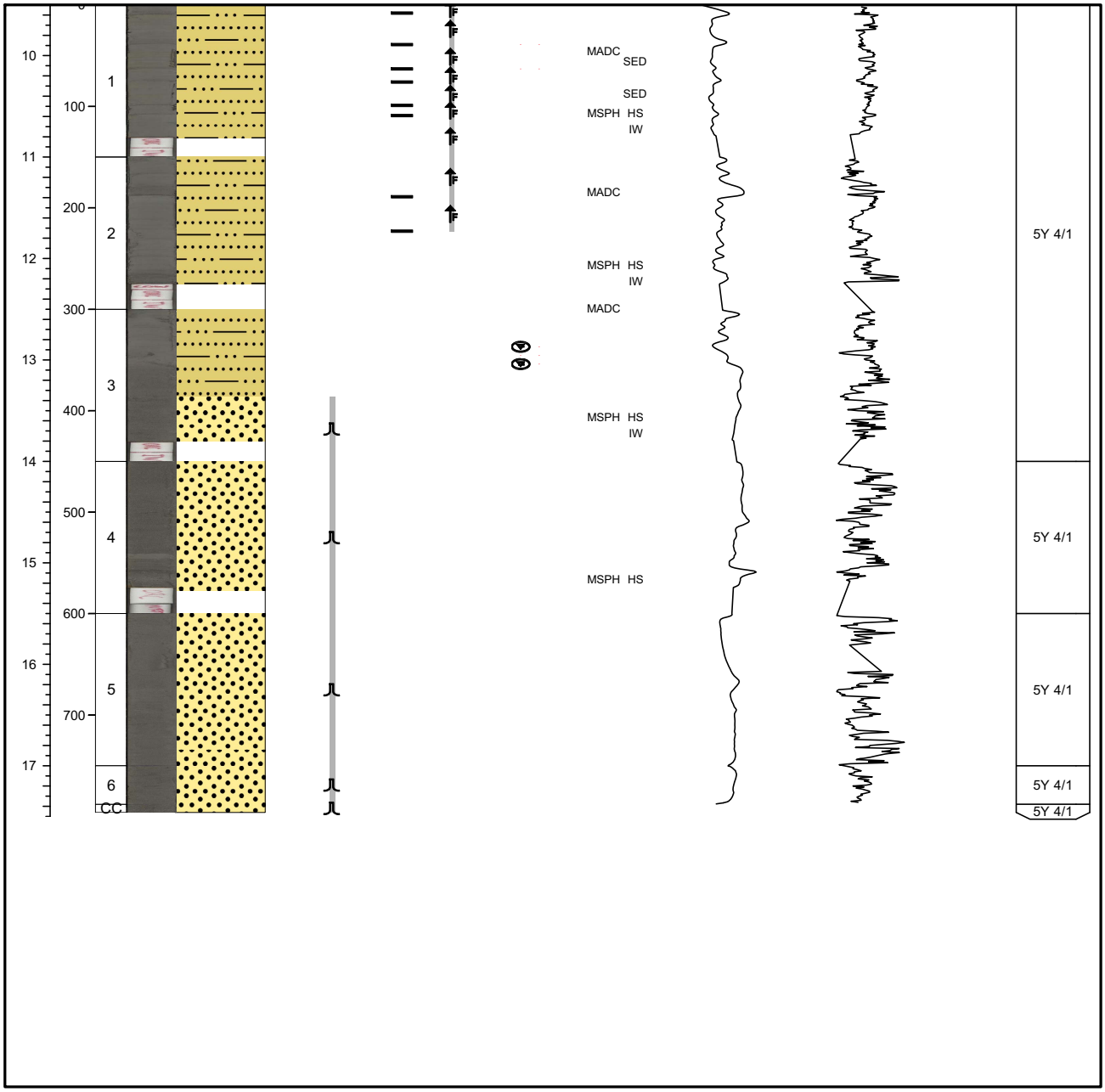
Clayey silt, silt, and medium sand
The top of the core is soupy. Moderate bioturbation in Section 3. Flame structure in section 5 and parallel laminations in sections 5 and 6.



Core Photo

Hole 327-U1363F Core 2H, Interval 9.5-17.46 m (CSF-A)

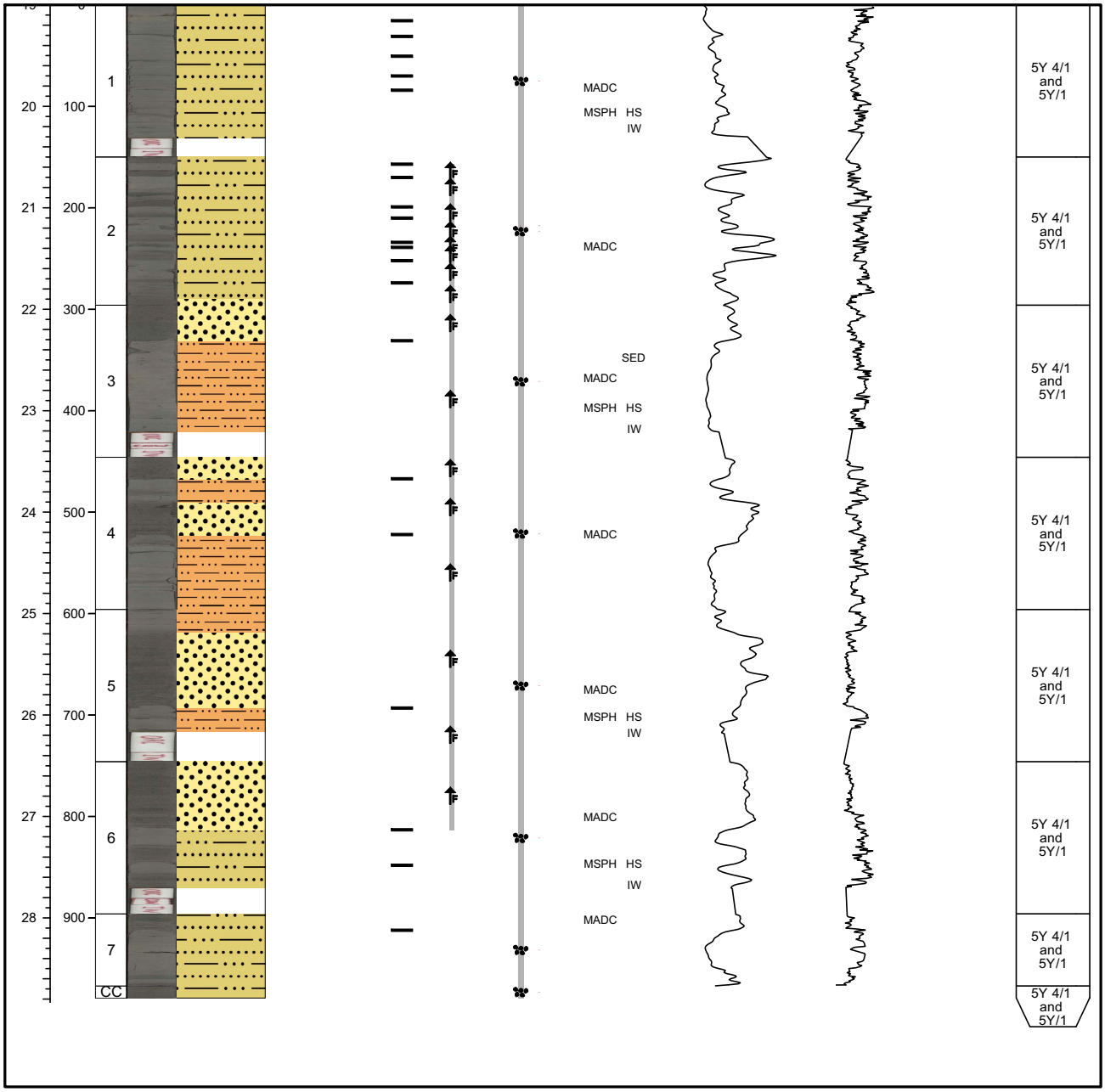
Sand-silt-clay and medium sand
This core contains fining upwards sequences. The top boundary is sharp. Flow in at the base of the core.



Core Photo

Hole 327-U1363F Core 3H, Interval 19.0-28.79 m (CSF-A)

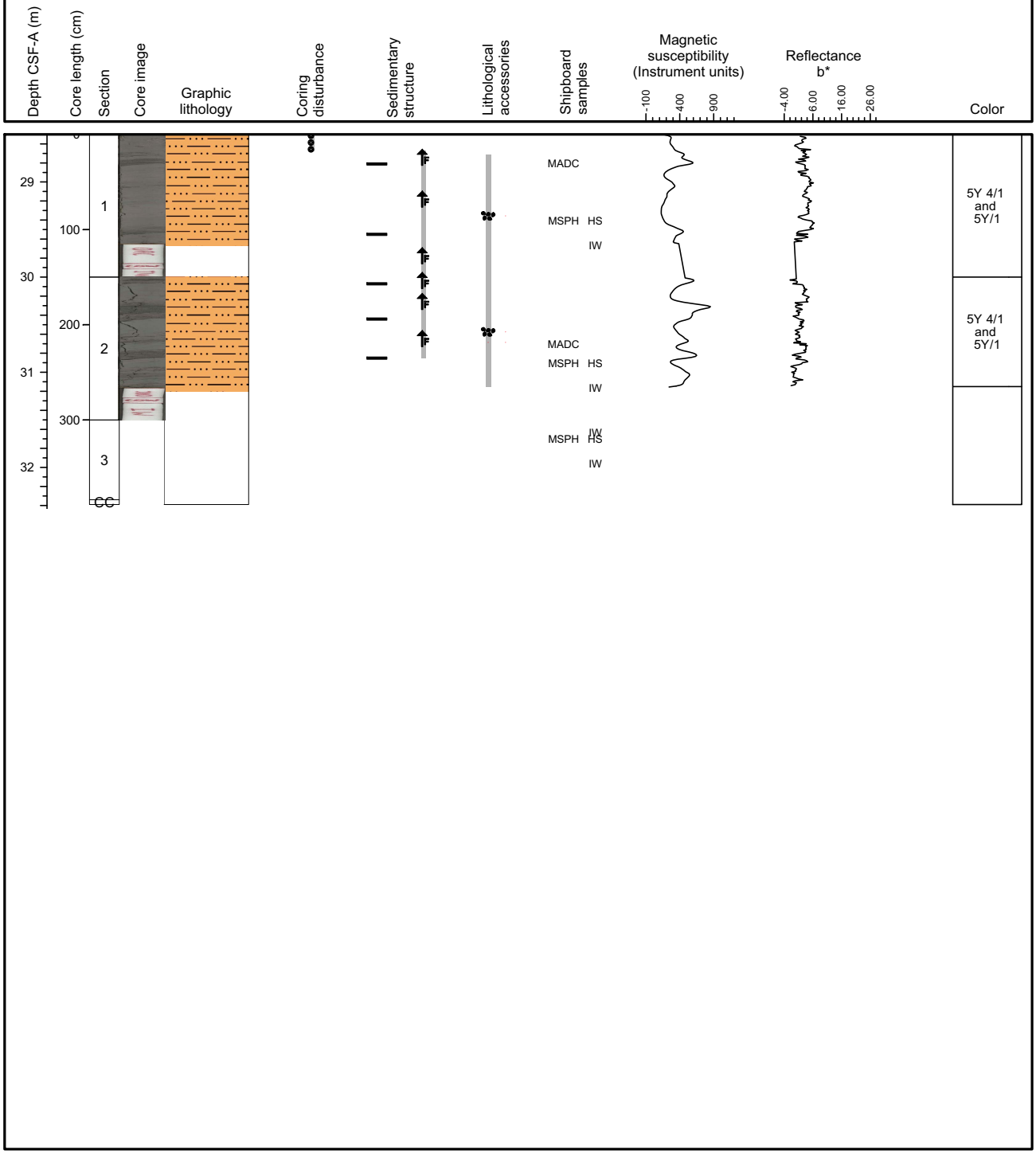
Sand-silt-clay, clayey silt, and medium sand.
This core contains fining upwards sequences with sharp boundaries. Moderate bioturbation is present in Section 2. Section 3 thru 7 are rich in forams.



Core Photo

Hole 327-U1363F Core 4H, Interval 28.5-32.39 m (CSF-A)

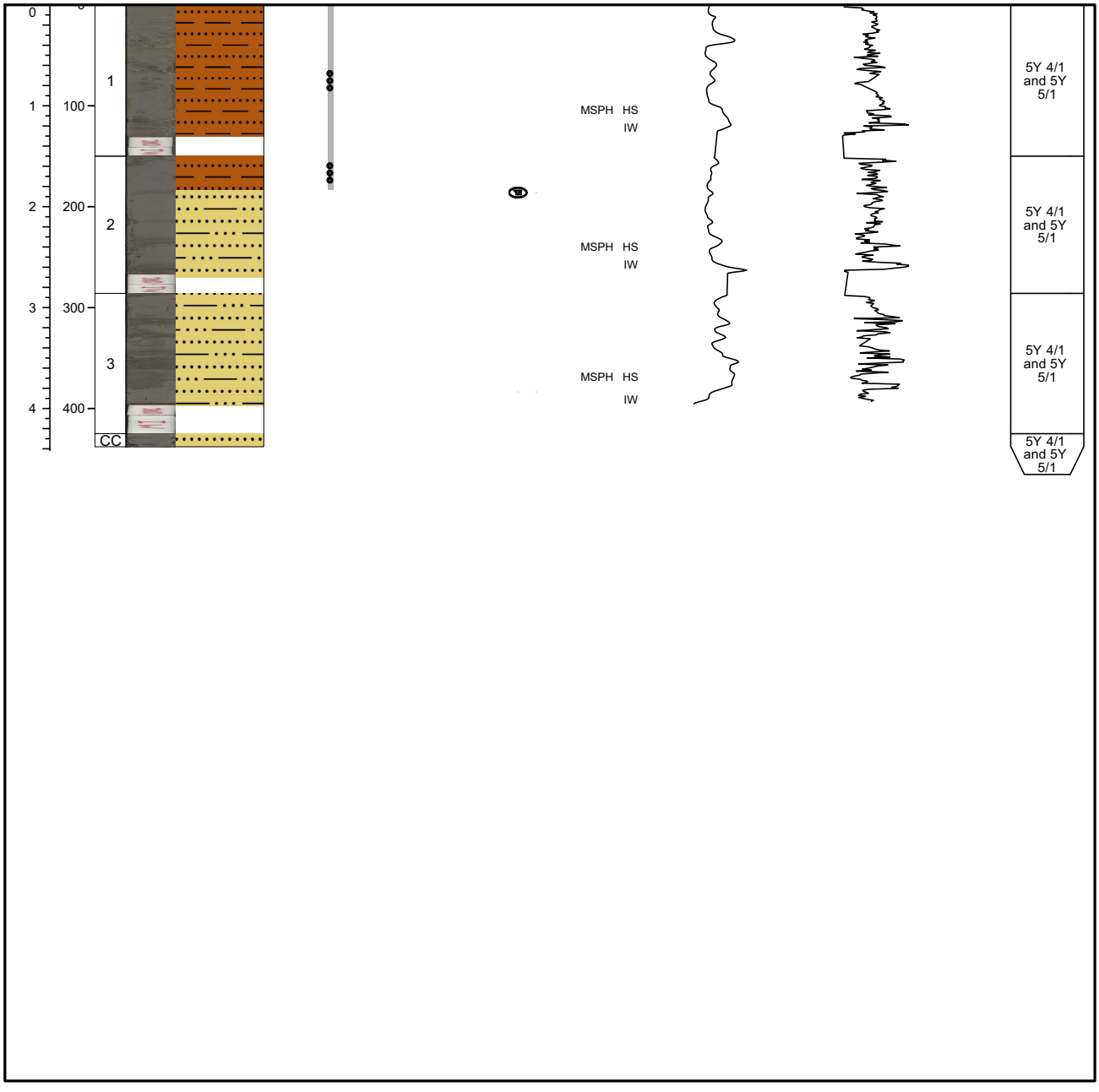
Clayey silt and sand-silt-clay with basalt chips.
This core contains fining upwards sequences. Cyclic. Top of the core is soupy. Moderate bioturbation at the base. Carbonate. Basalt chips.



Core Photo

Hole 327-U1363G Core 1H, Interval 0.0-4.38 m (CSF-A)

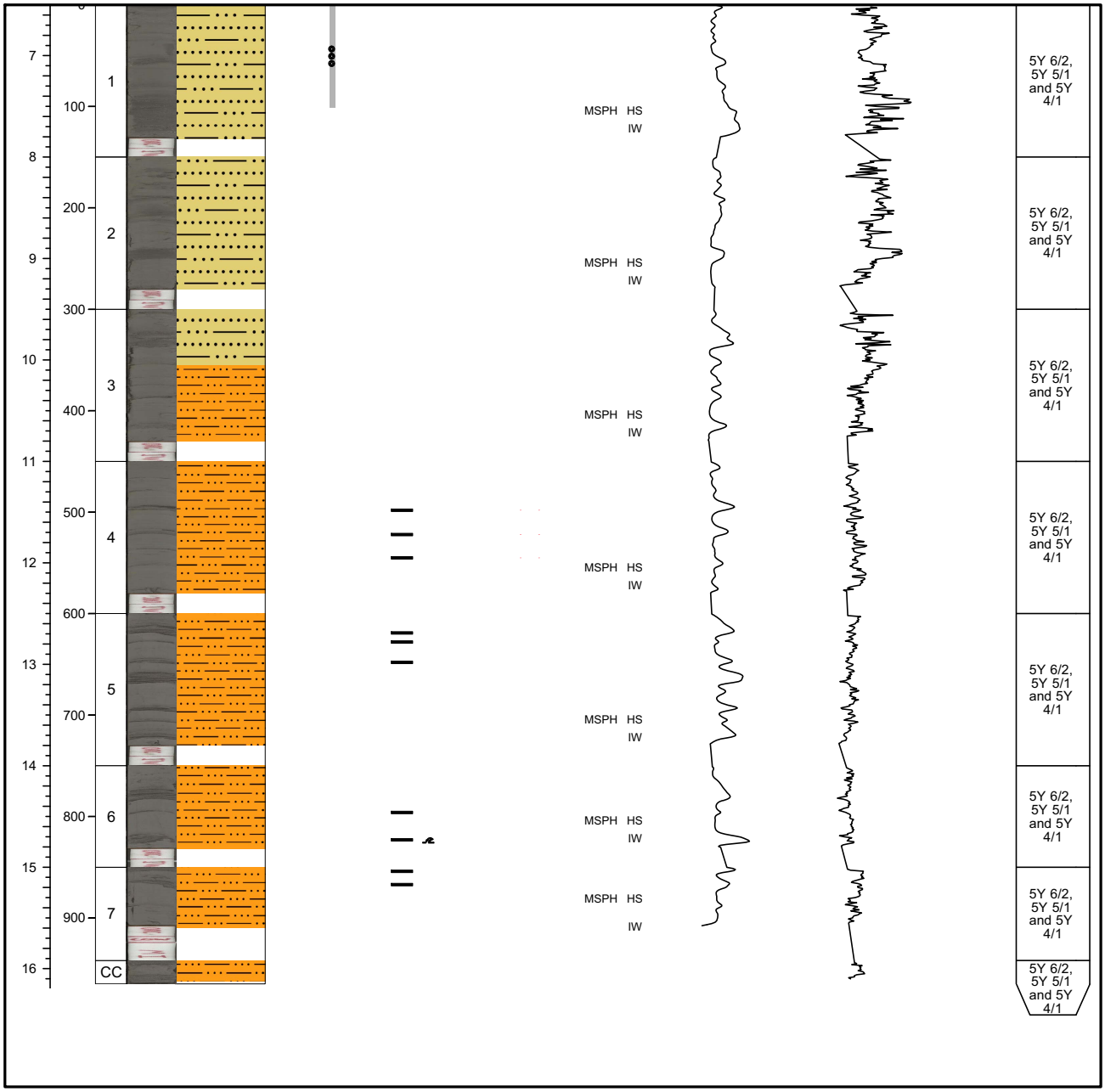
Clayey sand, and sand-silt-clay.
Top of core is soupy. Moderate bioturbation in Section 3. Medium fine sands. Some silt lens. One sharp contact at the top of section 3.



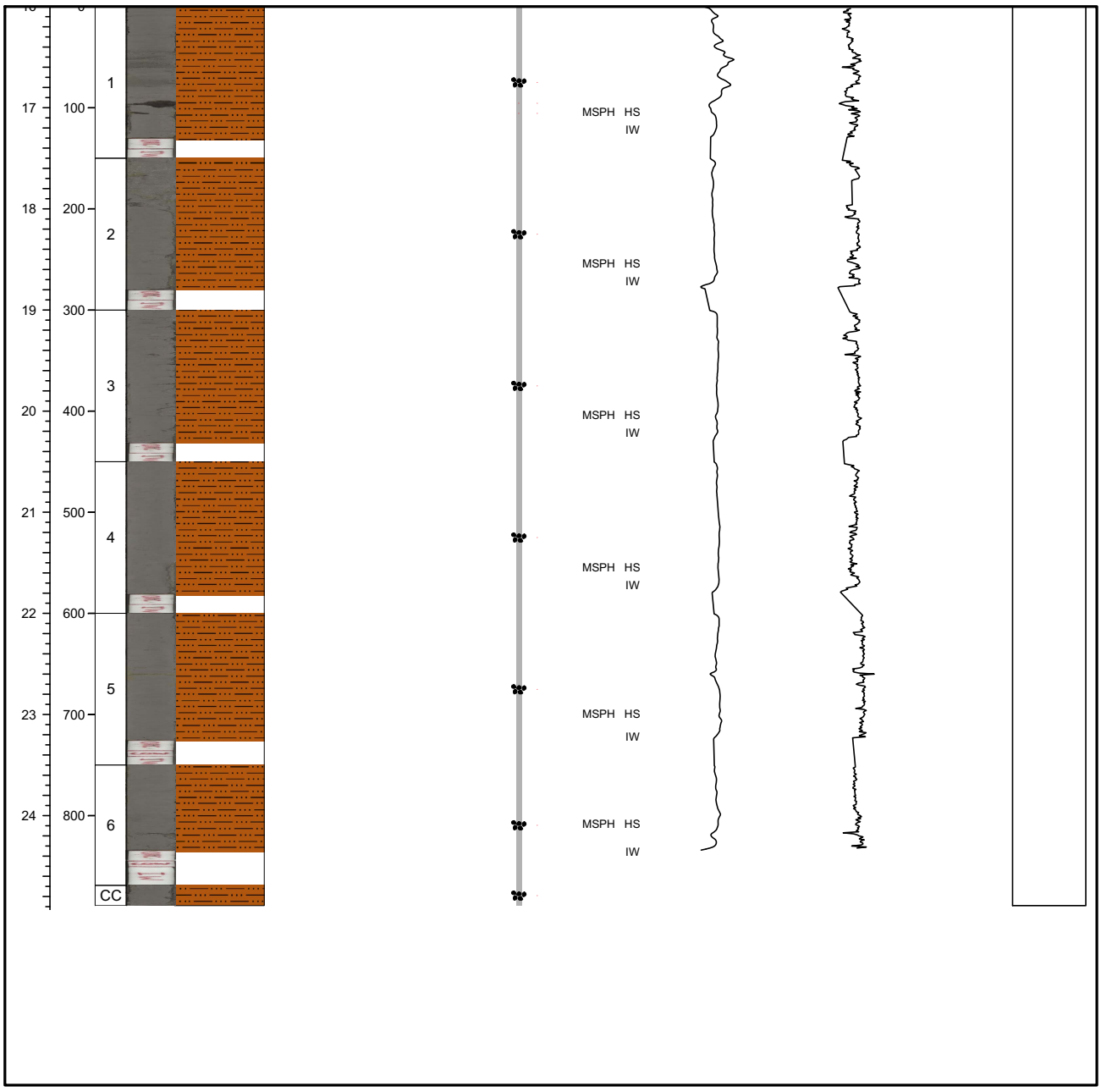
Core Photo

Hole 327-U1363G Core 2H, Interval 6.5-16.15 m (CSF-A)

Silty clay and sand-silt-clay.
Top of core is soupy. Silt clay and fine sands interbedded, flame structures, pressure structures.
Many sharp contacts in sections 3-CC. Clays lighter at top. Silts darker and coarser silts at base with sharp contacts. Forams within silts, fining upwards sequences, 10-15 cm. Clays 5Y 6/2.



Core Photo

Hole 327-U1363G Core 3H, Interval 16.0-24.89 m (CSF-A)

Clay.
Manganese in Section 1. Mottling throughout.