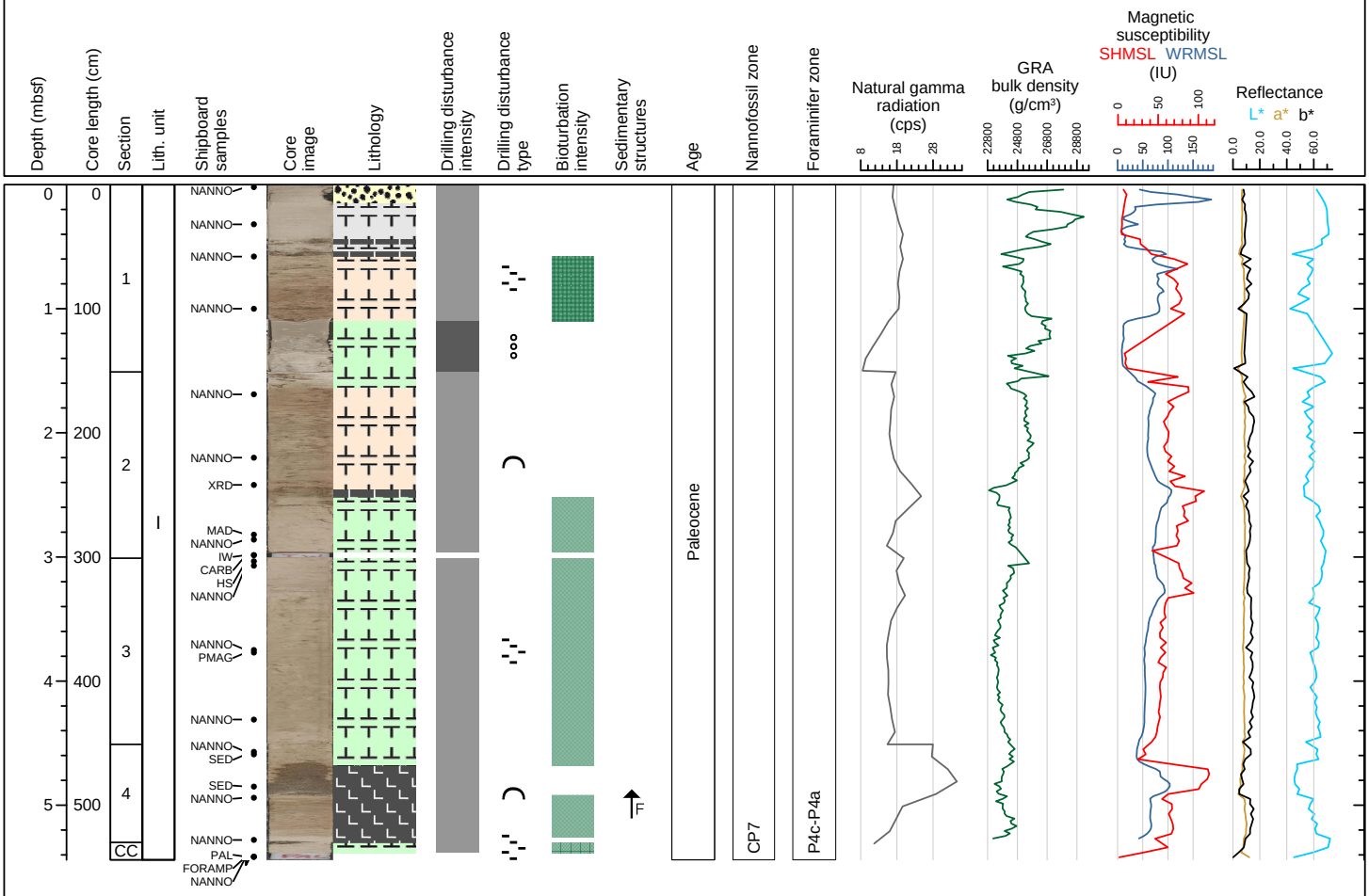
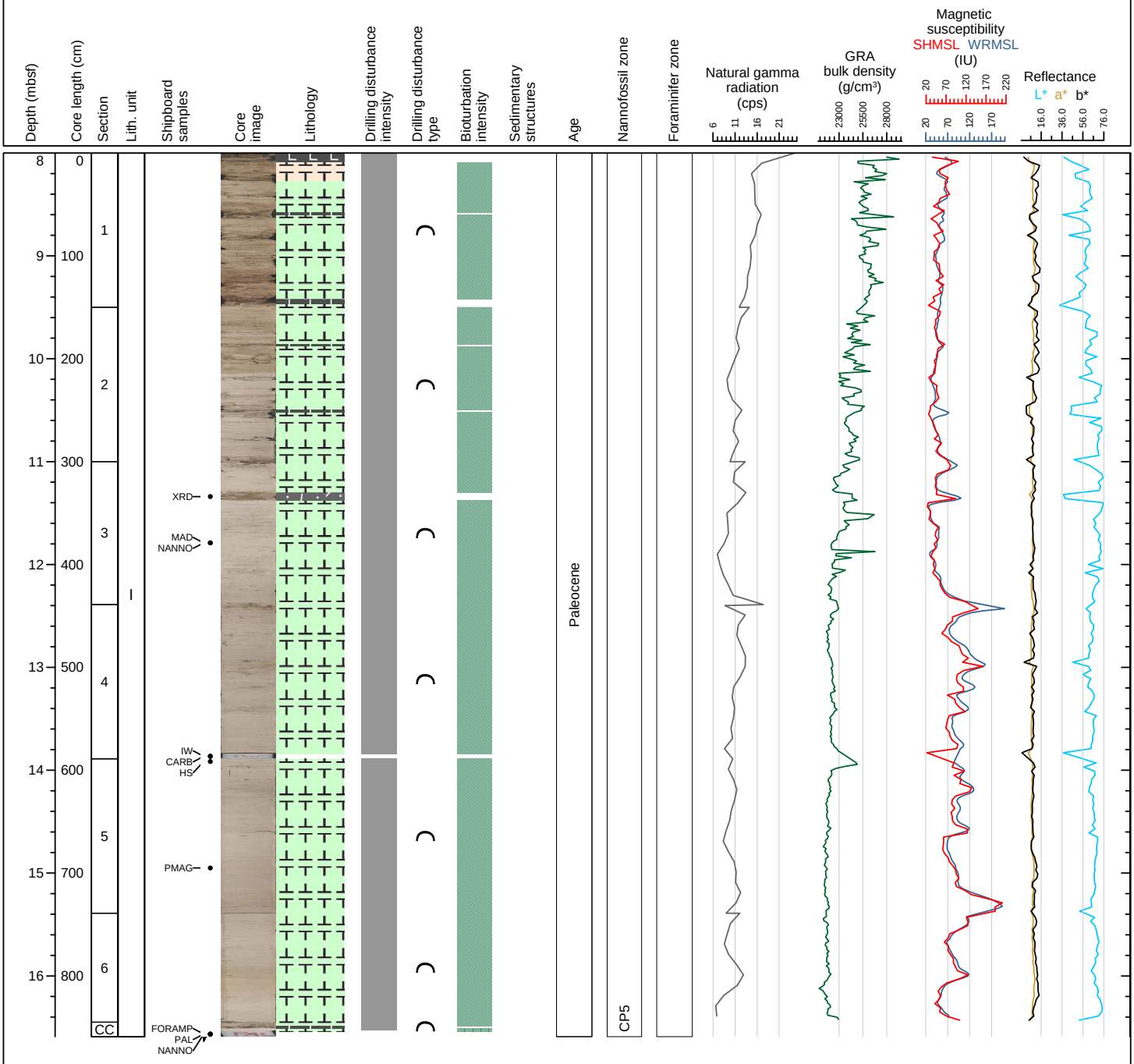
Hole 391-U1577A Core 1R, Interval 0.0-5.44 m (CSF-A)

White to pale brown nannofossil ooze with foraminifera, clayey-nannofossil ooze with foraminifera, and nannofossil ooze with clay. The ooze is interbedded with layers of brown ash. Locally, the tephra is dispersed in the ooze, or includes biotite. The top of the core is marked by a white (winnowed) foraminifera sand. Drilling disturbance is high throughout.



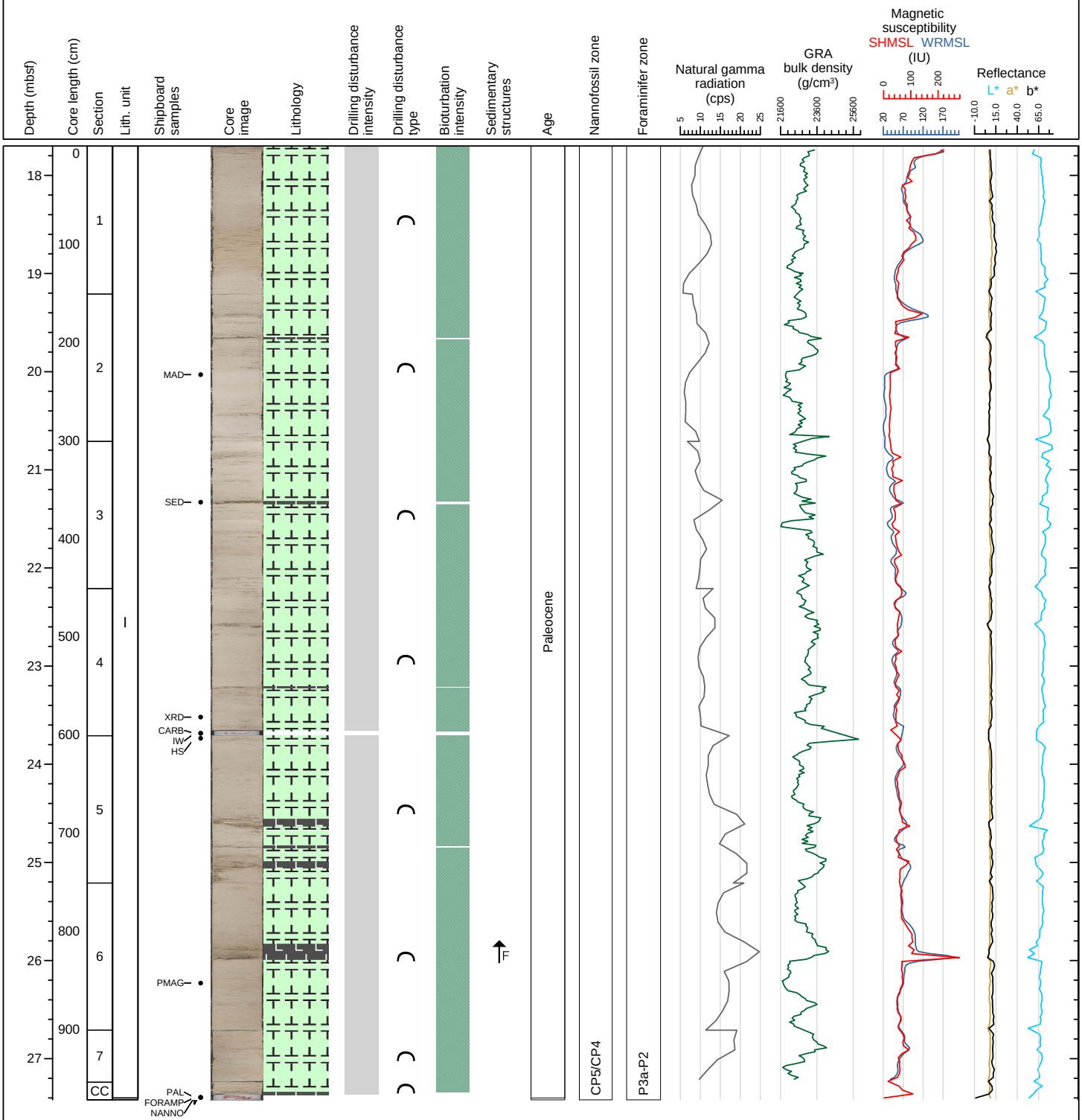
Hole 391-U1577A Core 2R, Interval 8.0-16.59 m (CSF-A)

White to pale brown nannofossil ooze, clayey-nannofossil ooze with clay, and clayey-nannofossil ooze. The ooze includes minor, graded layers of brown tephra, which are locally dispersed in the pelagic sediment and are more abundant at the top of the core. Drilling disturbance is high throughout.



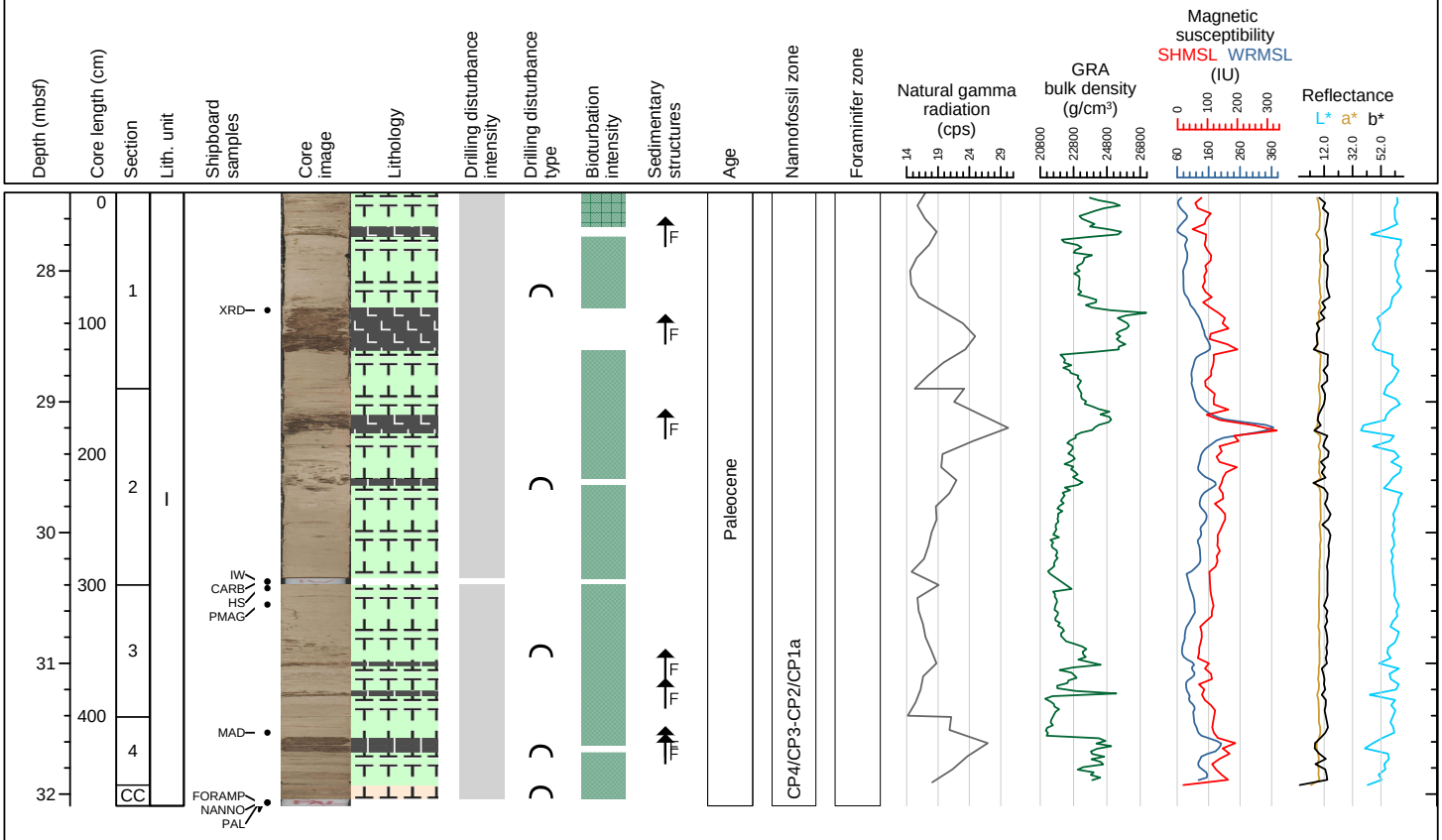
Hole 391-U1577A Core 3R, Interval 17.7-27.42 m (CSF-A)

White to pale brown nannofossil ooze and nannofossil ooze with clay, interbedded with thin layers of brown tephra. The tephra is locally dispersed in the ooze. Drilling disturbance is moderate to high.



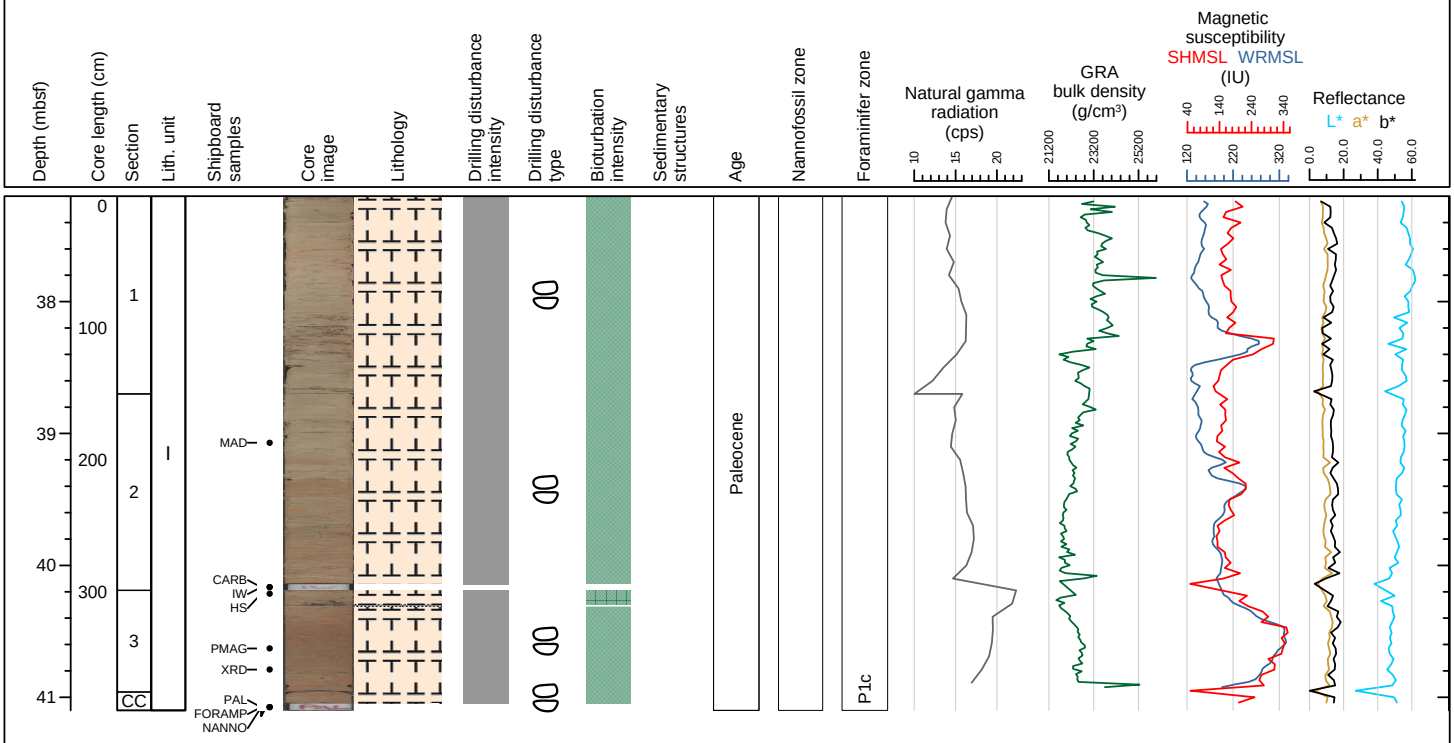
Hole 391-U1577A Core 4R, Interval 27.4-32.09 m (CSF-A)

Very pale brown to pale brown nannofossil ooze with clay interbedded with graded layers of brown tephra. The tephra is locally dispersed in the ooze due to drilling disturbance. The lowermost part of the core is darker and more clayey. Drilling disturbance is moderate to high.



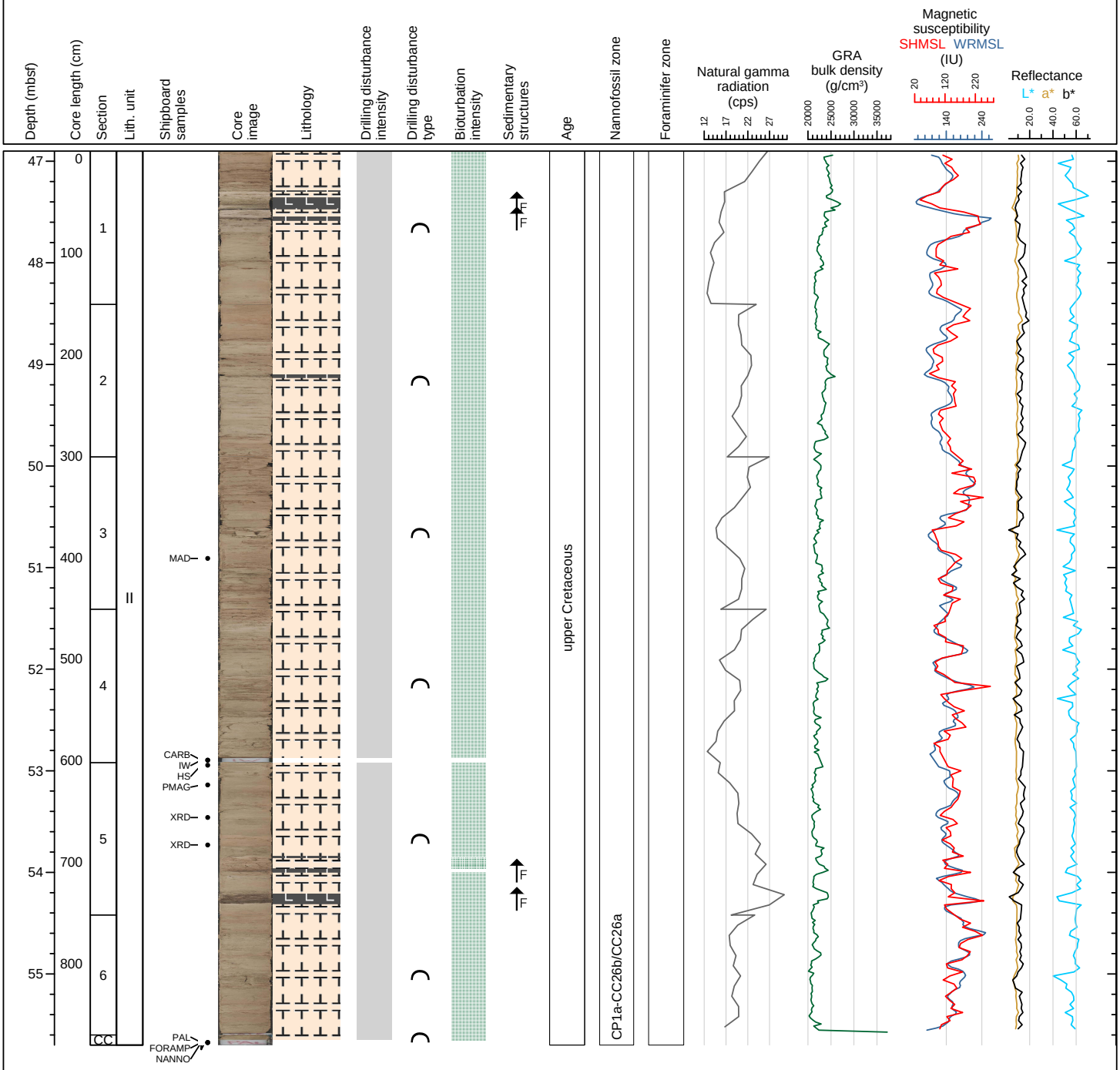
Hole 391-U1577A Core 5R, Interval 37.2-41.1 m (CSF-A)

Pink to reddish brown clayey-nannofossil ooze that becomes darker downhole. It includes a Fe-Mn layer disturbed by drilling as well as dark 'patches' (possibly Fe-Mn layers disaggregated by drilling). Poor recovery associated with moderate to high drilling disturbance.



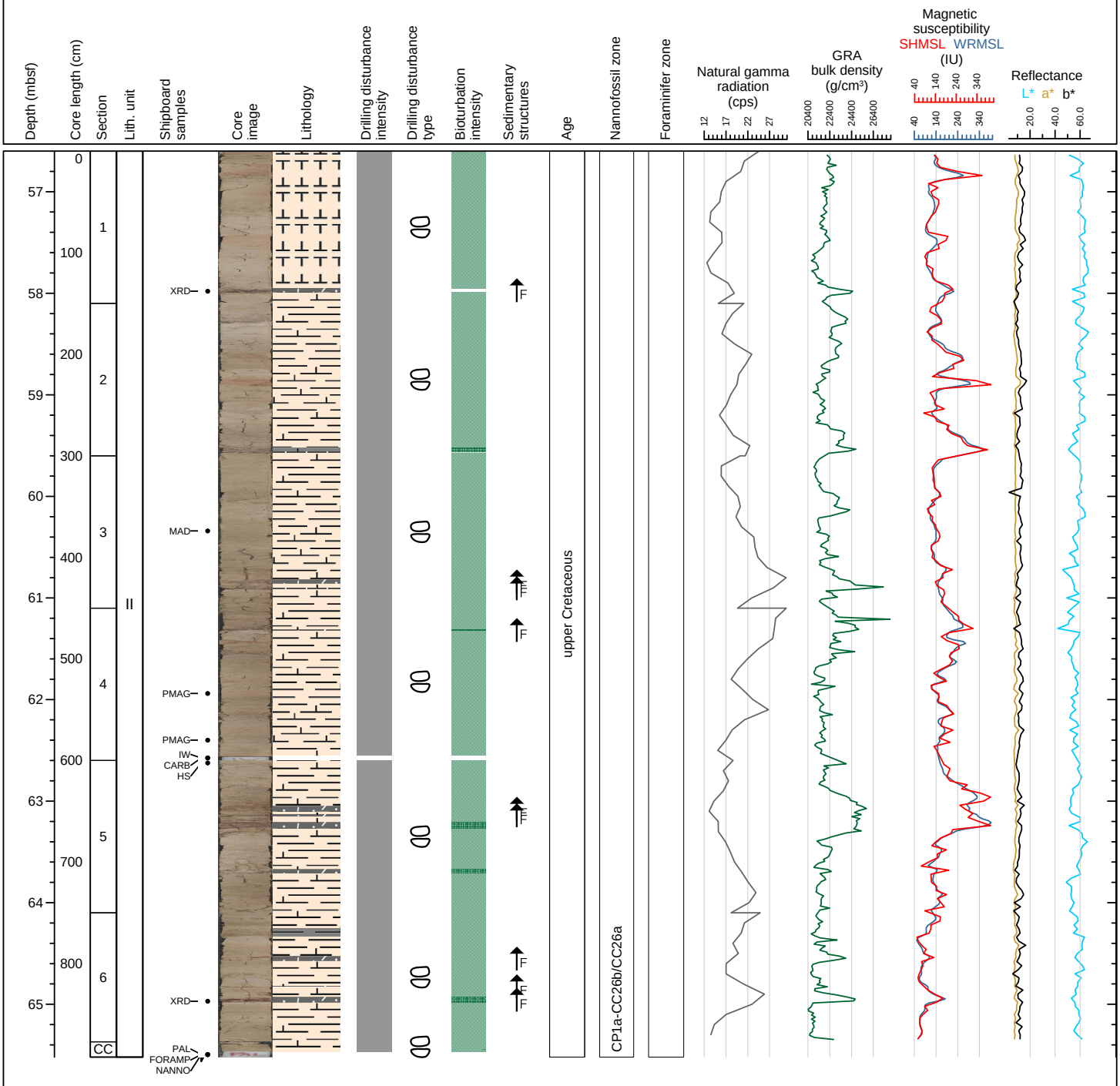
Hole 391-U1577A Core 6R, Interval 46.9-55.7 m (CSF-A)

Light brown to reddish brown clayey-nannofossil ooze with graded interbeds of brown tephra disturbed by drilling. There are rare, thin layers of fine ash altered to greenish clay. Drilling disturbance is moderate; increasing consolidation of the ooze is associated with the apparition of 'biscuiting'.



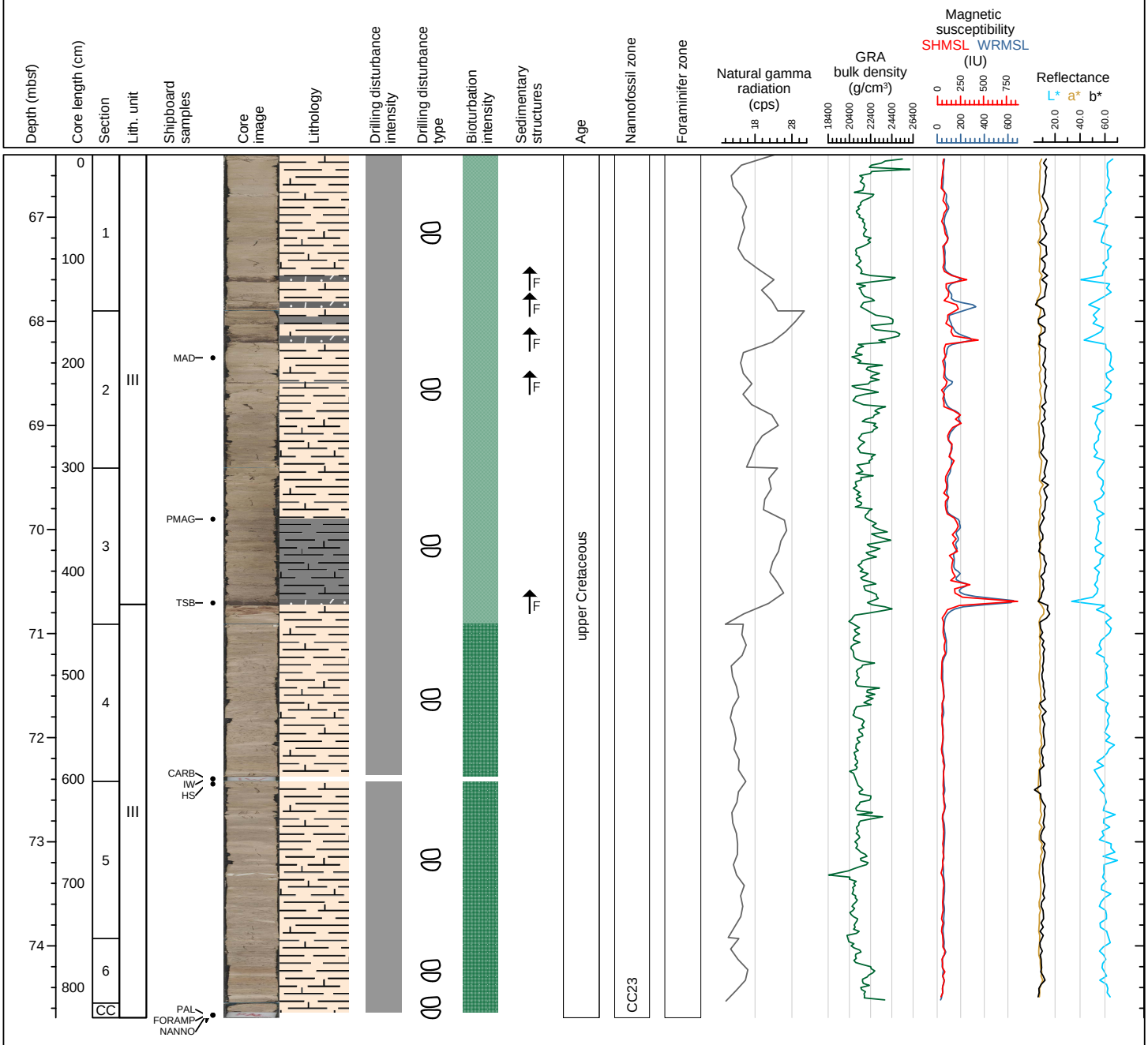
Hole 391-U1577A Core 7R, Interval 56.6-65.52 m (CSF-A)

Light brown to reddish brown bioturbated clayey-nannofossil chalk with graded interbeds of brown, poorly consolidated tephra disturbed by drilling. The top of the tephra layers is typically bioturbated. Some burrows are partly filled by dark volcaniclasts. Drilling disturbance is moderate; locally higher consolidation is associated with 'biscuiting'.



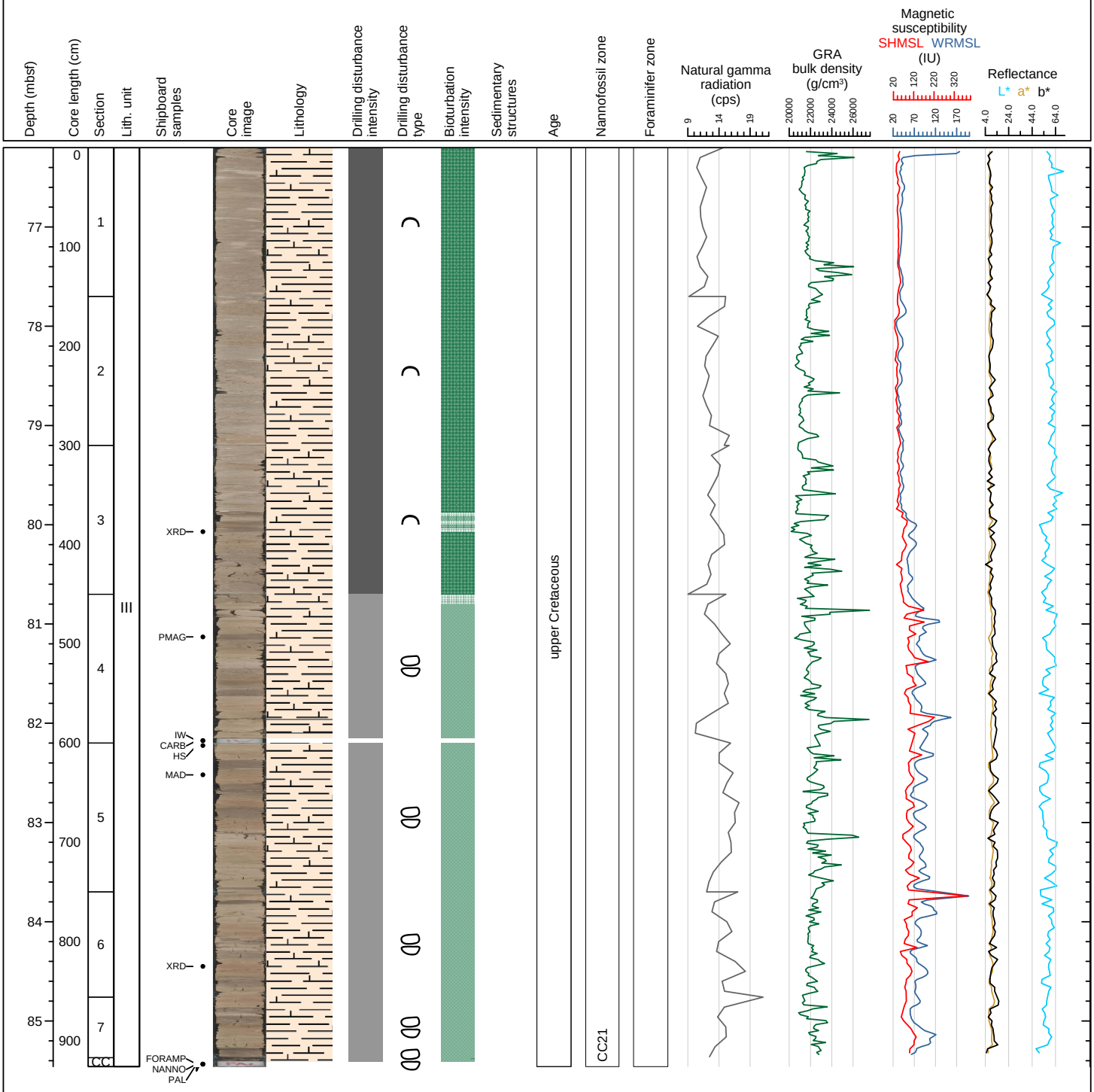
Hole 391-U1577A Core 8R, Interval 66.4-74.69 m (CSF-A)

Light brown to reddish brown bioturbated clayey-nannofossil chalk with graded interbeds of brown to gray tephra. The top of the tephra layers is typically bioturbated. Some burrows are partly filled by dark volcaniclasts. Drilling disturbance is moderate; locally higher consolidation is associated with 'biscuiting'. Fragments of inoceramid shells occur below 391-U1577A-8R-3, 130 cm.



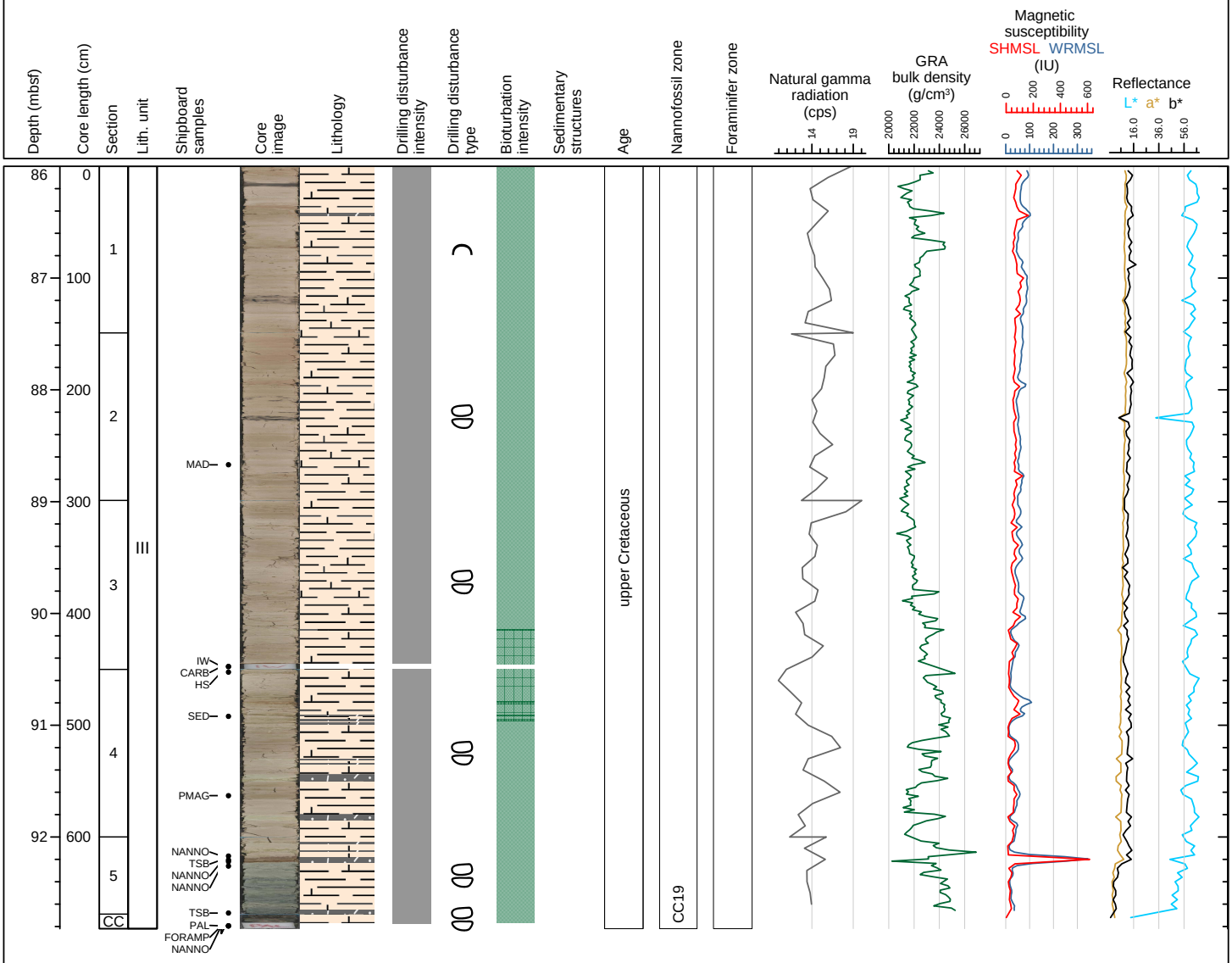
Hole 391-U1577A Core 9R, Interval 76.2-85.46 m (CSF-A)

Light brown to reddish brown and gray bioturbated clayey-nannofossil chalk with interbeds of possible gray tephra. Fragments of inoceramid shells are common in the chalk. Drilling disturbance is moderate with fracturing and 'biscuiting'.



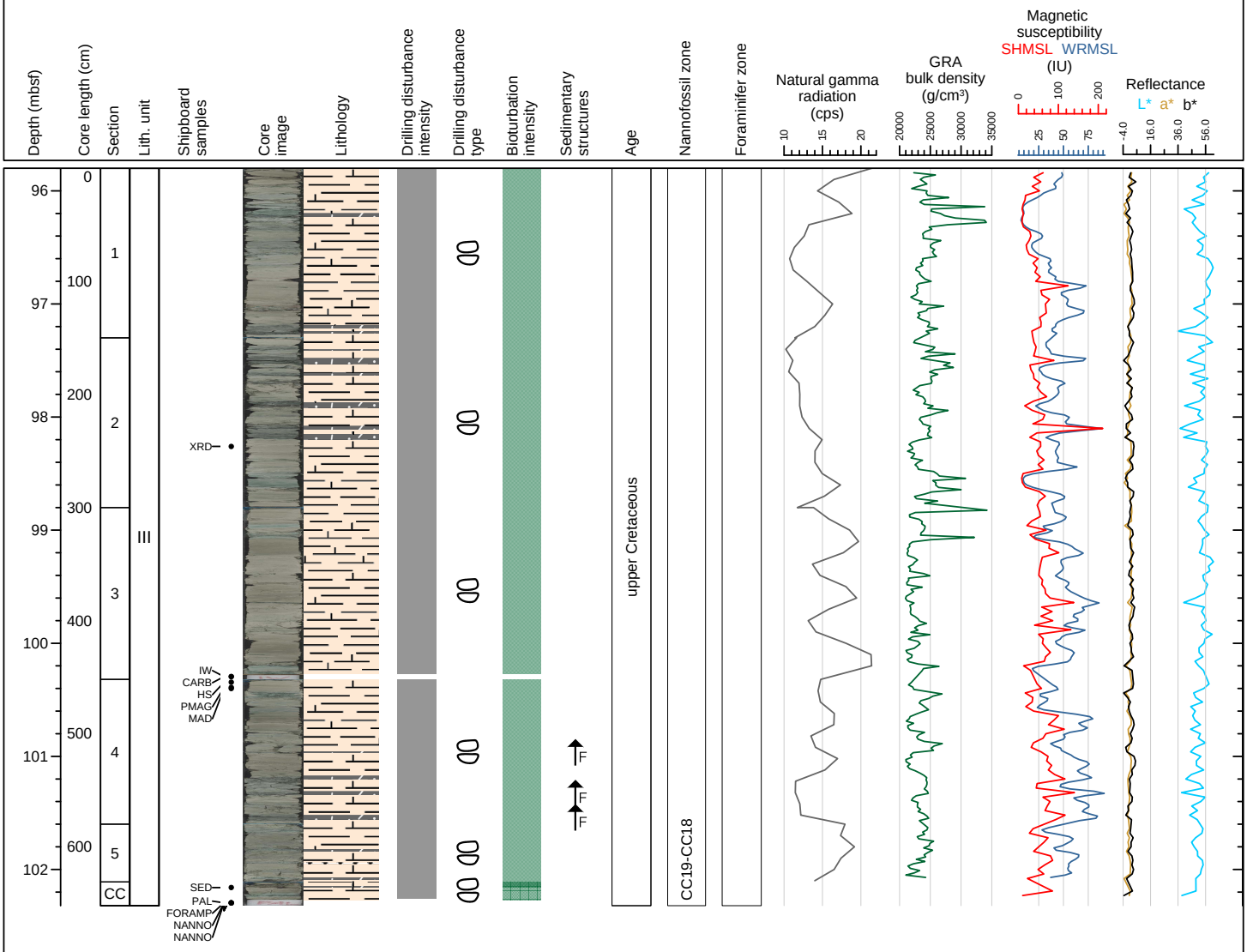
Hole 391-U1577A Core 10R, Interval 86.0-92.82 m (CSF-A)

Above 391-U1575A-10R-5, 23 cm: Light brown to reddish brown and gray bioturbated clayey-nannofossil chalk with interbeds of possible gray tephra. Fragments of inoceramid shells are common in the chalk. Black Fe-Mn patches locally occur, seemingly following original bioturbation fabric. Thin layers of fine ash are altered to greenish/yellowish clay. Drilling disturbance is moderate with fracturing and 'biscuiting'. Below 391-U1575A-10R-5, 23 cm: Light gray to greenish gray strongly bioturbated clayey-nannofossil chalk with graded interbeds of black tephra. The top of the tephra layers is typically bioturbated. Drilling disturbance is moderate with fracturing and 'biscuiting'.



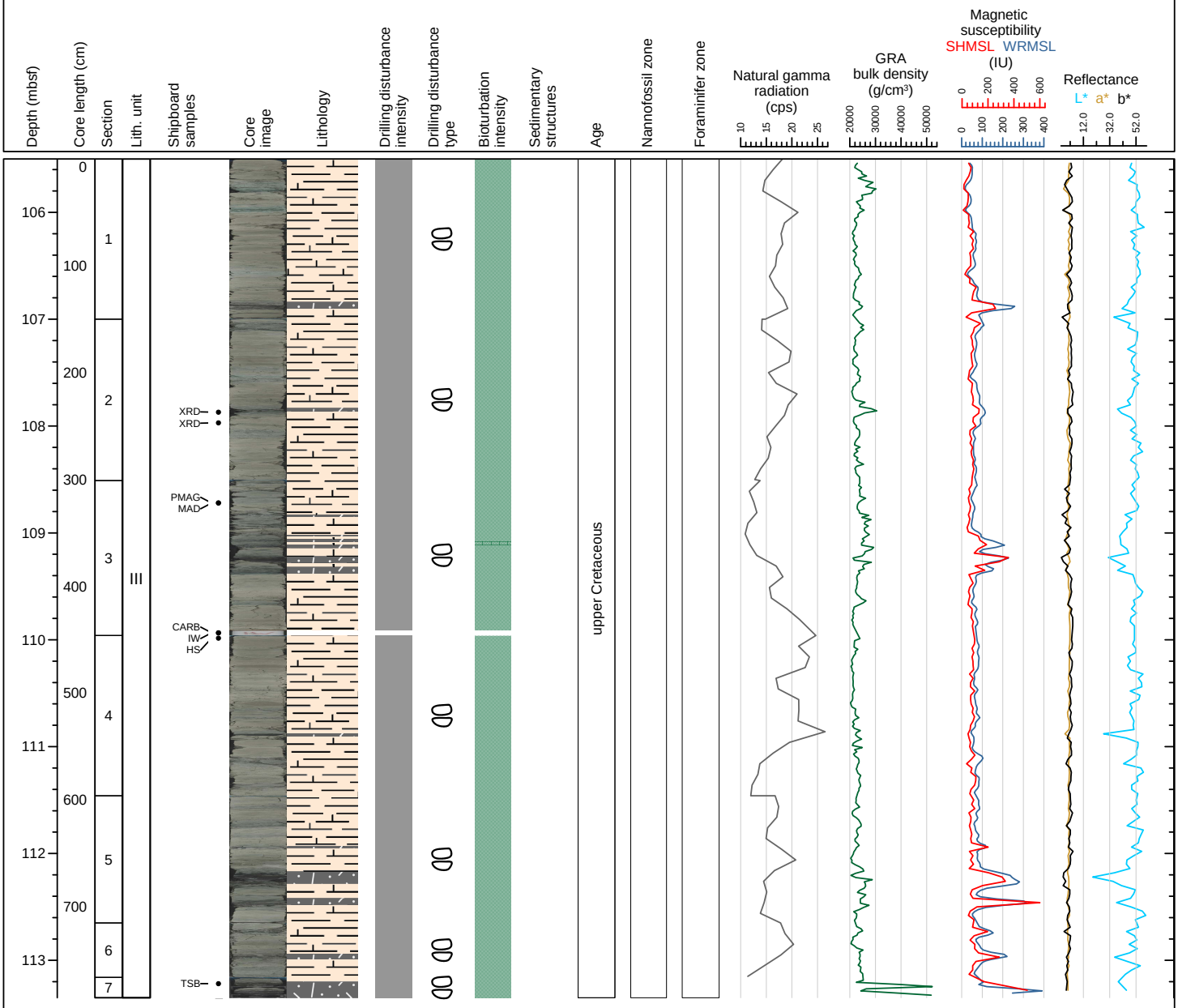
Hole 391-U1577A Core 11R, Interval 95.8-102.32 m (CSF-A)

Light gray to greenish gray strongly bioturbated clayey-nannofossil chalk with graded interbeds of gray to black tephra. The top of the tephra layers is typically bioturbated. Drilling disturbance is moderate with fracturing and 'biscuiting'.



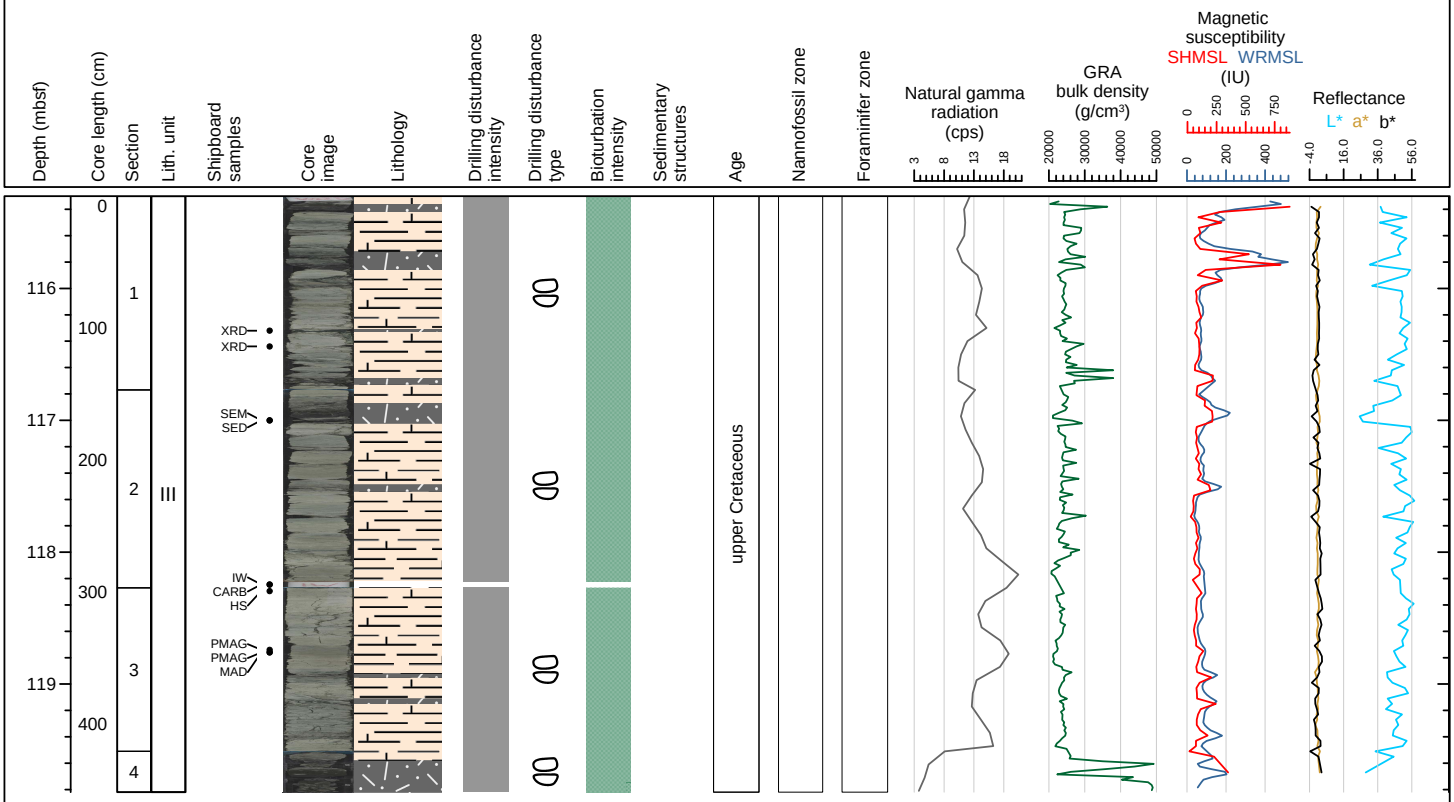
Hole 391-U1577A Core 12R, Interval 105.5-113.35 m (CSF-A)

Light gray to greenish gray strongly bioturbated clayey-nannofossil chalk with graded interbeds of gray to black tephra. The top of the tephra layers is typically bioturbated. Drilling disturbance is moderate with fracturing and 'biscuiting'.



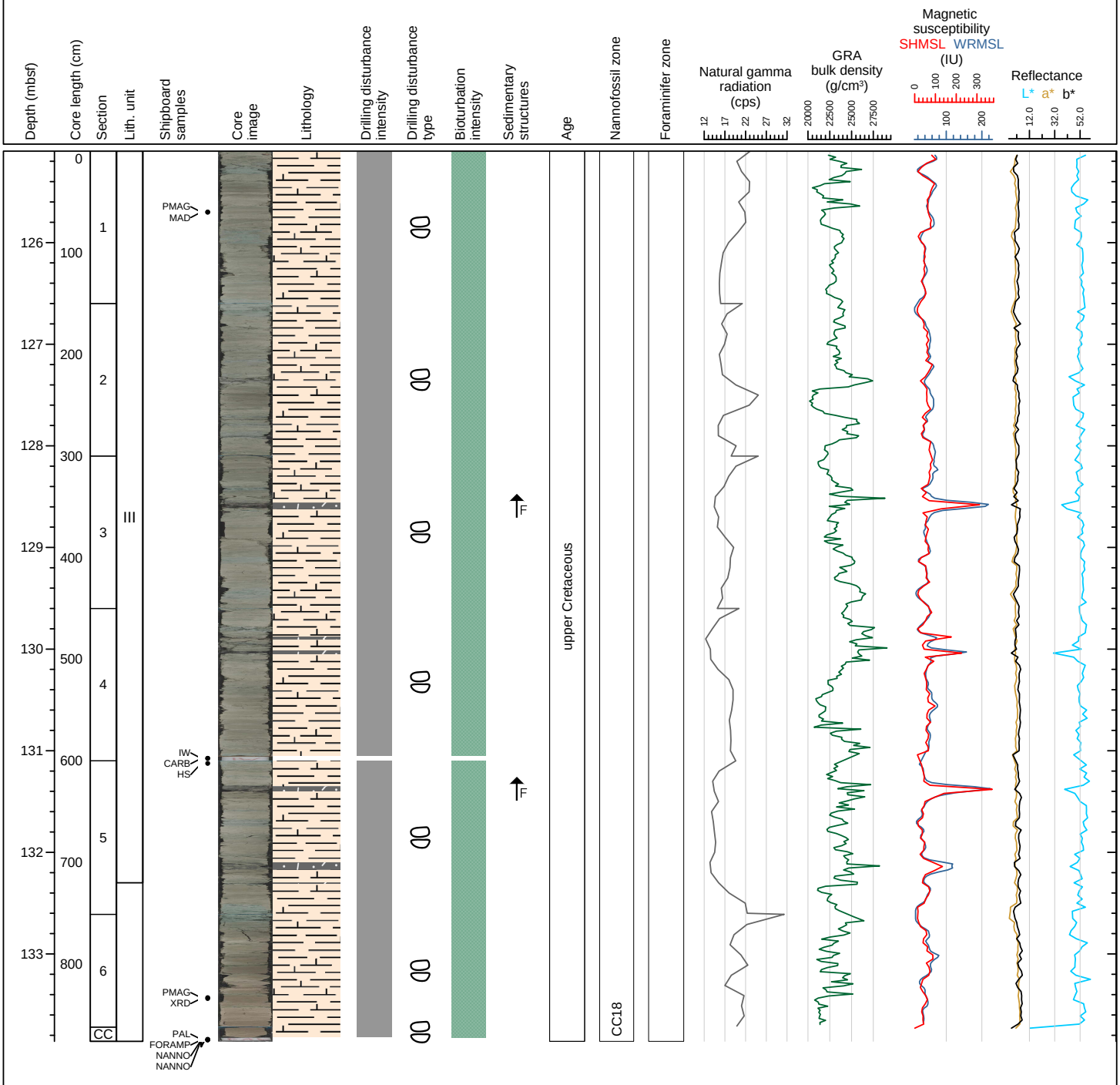
Hole 391-U1577A Core 13R, Interval 115.3-119.82 m (CSF-A)

Light gray to greenish gray strongly bioturbated clayey-nannofossil chalk with graded interbeds of gray to black tephra. The top of the tephra layers is typically bioturbated. Drilling disturbance is moderate with fracturing and 'biscuiting'.



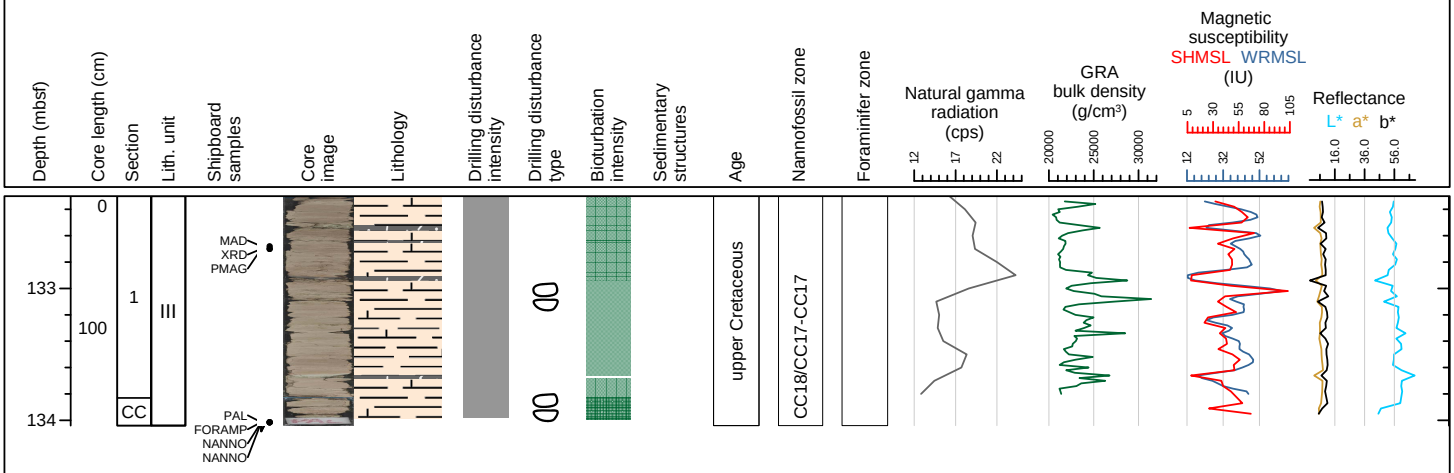
Hole 391-U1577A Core 14R, Interval 125.1-133.86 m (CSF-A)

Above 391-U1577A-14R-6, 92 cm: Light gray to greenish gray strongly bioturbated clayey-nannofossil chalk with graded interbeds of gray to black tephra. The top of the tephra layers is typically bioturbated. Drilling disturbance is moderate with fracturing and 'biscuiting'. Below 391-U1577A-14R-6, 92 cm: Light brownish gray strongly bioturbated clayey-nannofossil chalk. Drilling disturbance is moderate with fracturing and 'biscuiting'.



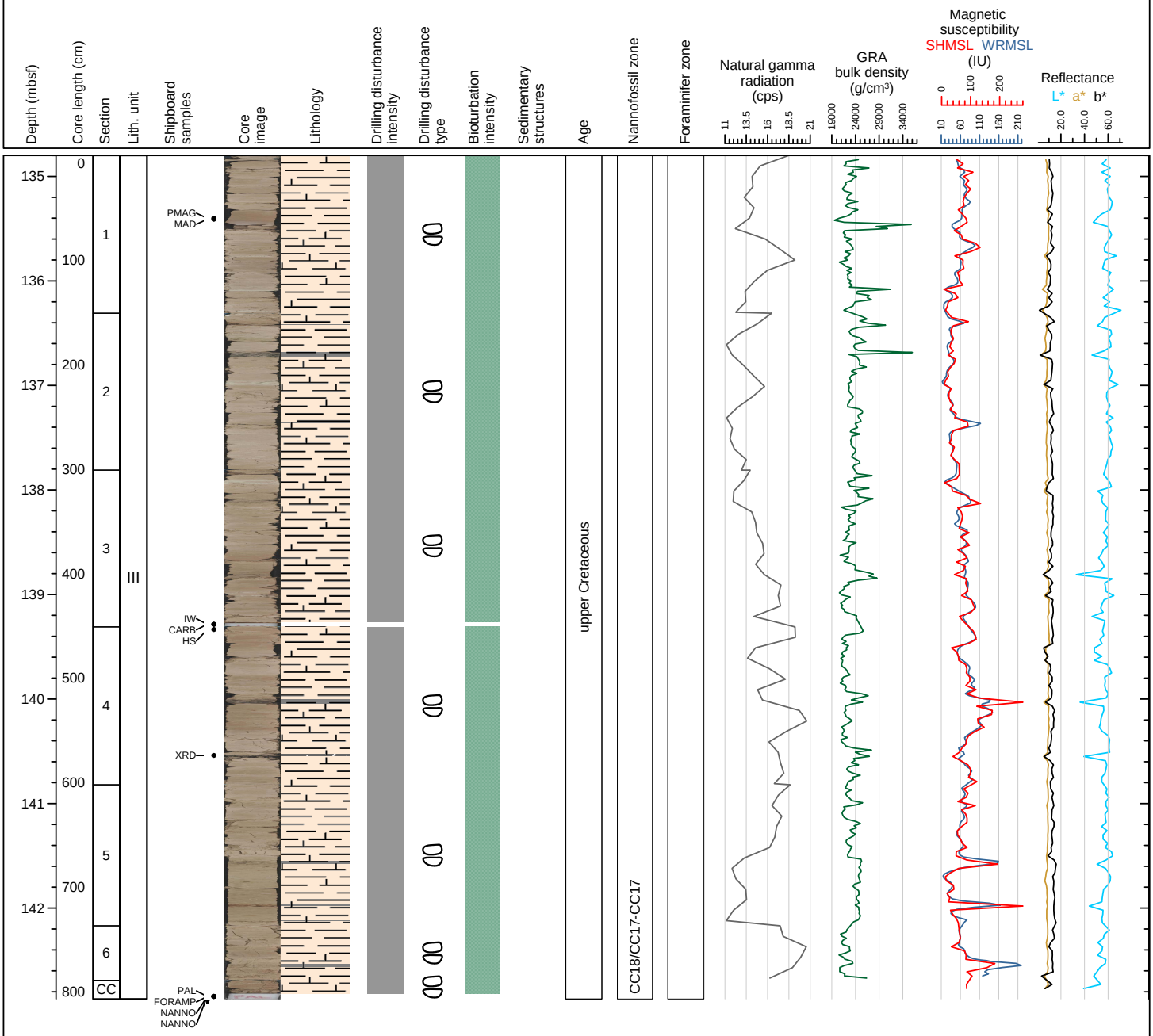
Hole 391-U1577A Core 15R, Interval 132.3-134.04 m (CSF-A)

Gray and light brownish strongly bioturbated clayey-nannofossil chalk with graded interbeds of gray tephra. The top of the tephra layers is typically bioturbated. The chalk includes lenses/burrows with reworked tuffaceous material. Consistent with poor recovery, drilling disturbance is high with common fracturing and 'biscuiting'.



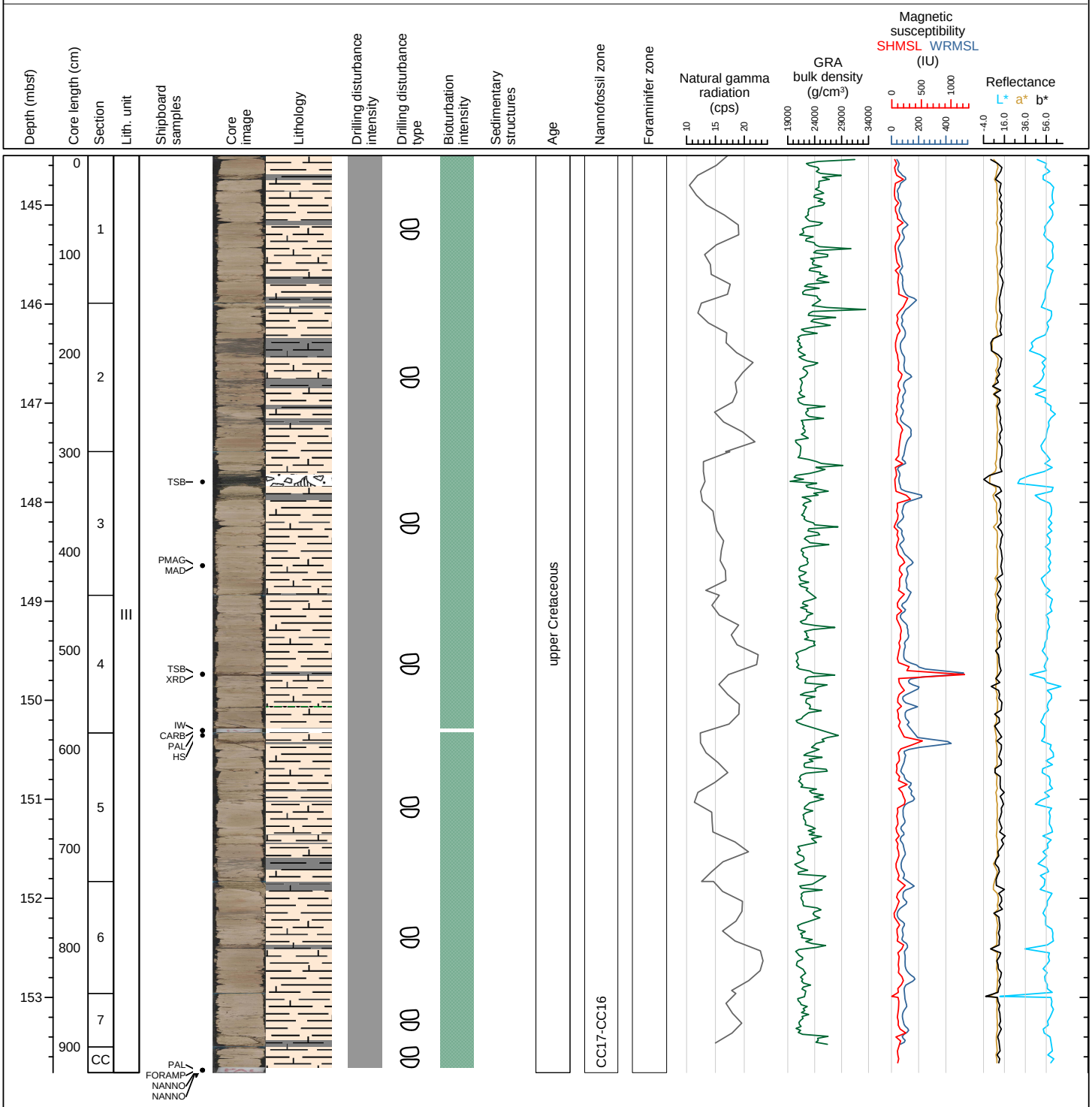
Hole 391-U1577A Core 16R, Interval 134.8-142.87 m (CSF-A)

Gray, pink and pinkish brown strongly bioturbated clayey-nannofossil chalk with graded interbeds of gray to black tephra. The top of the tephra layers is typically bioturbated. The chalk includes lenses/burrows with reworked tuffaceous material. Drilling disturbance is moderate to high with fracturing and 'biscuiting'.



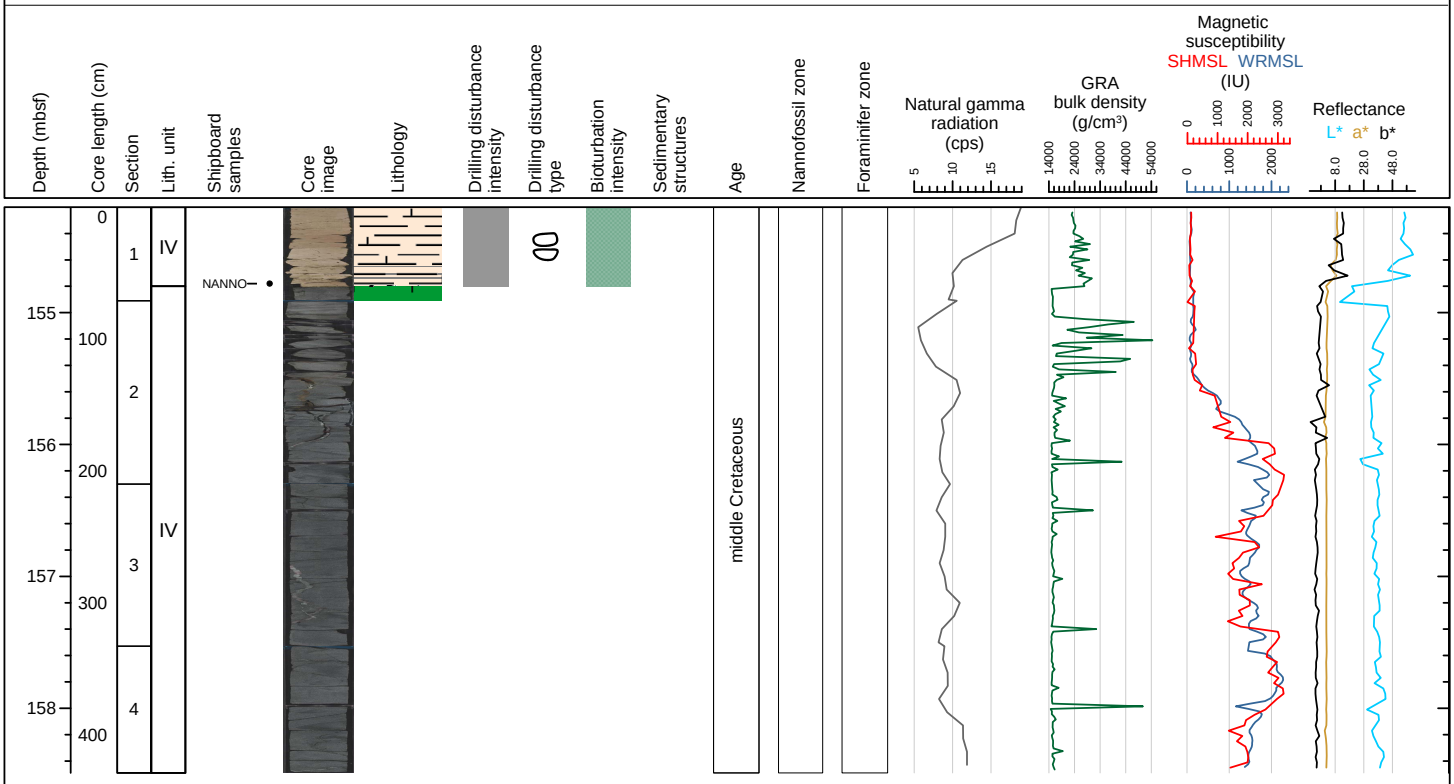
Hole 391-U1577A Core 17R, Interval 144.5-153.76 m (CSF-A)

Light brown and pinkish brown strongly bioturbated clayey-nannofossil chalk with lenses/burrows with reworked tuffaceous material. An altered hyaloclastite occurs above the volcanic basement (in possible contact). Drilling disturbance is high with abundant 'biscuiting'.

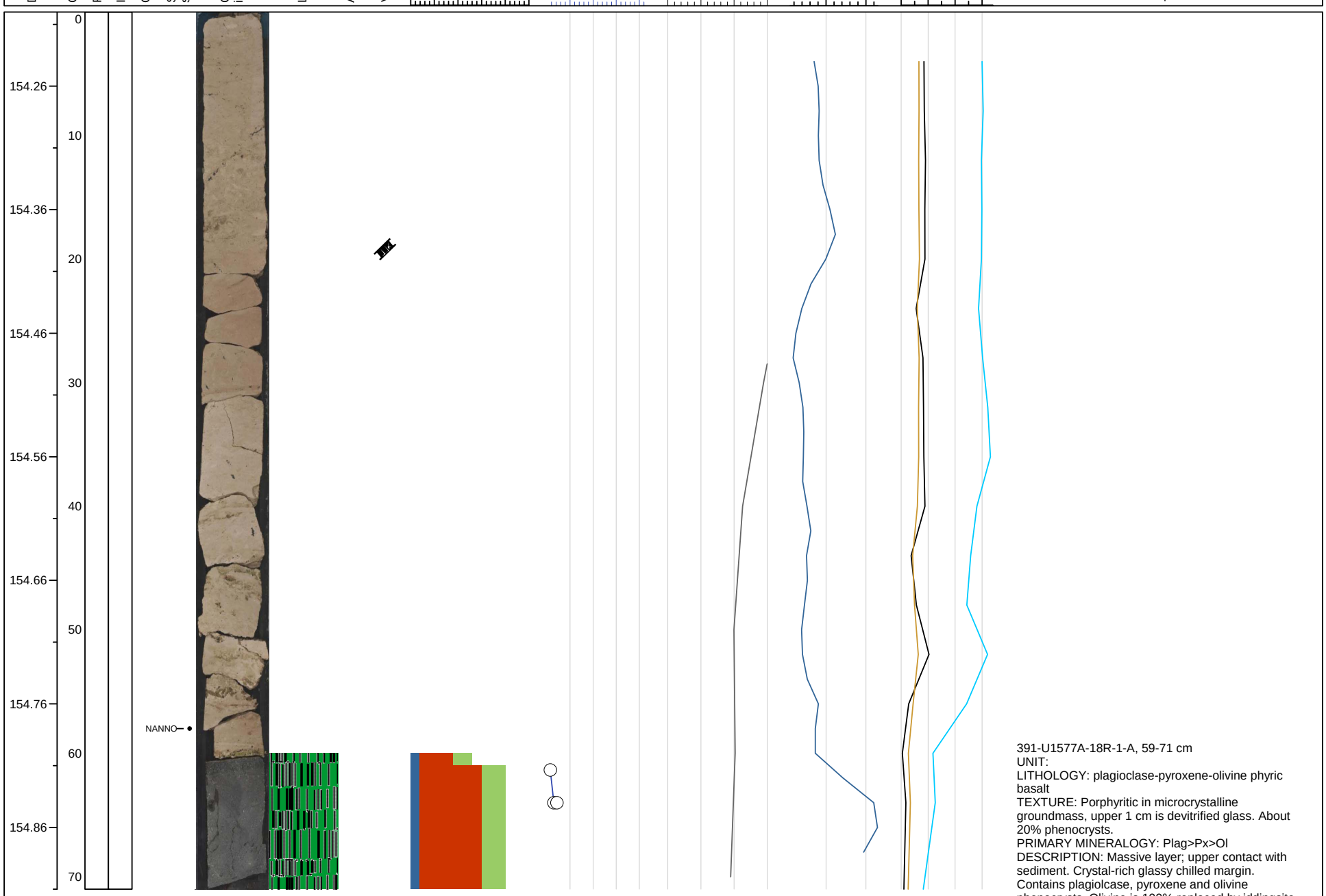


Hole 391-U1577A Core 18R, Interval 154.2-158.49 m (CSF-A)

Brown, pink and pinkish brown strongly bioturbated clayey-nannofossil chalk with graded interbeds of gray to black tephra. The top of the tephra layers is typically bioturbated. The chalk includes lenses/burrows with reworked tuffaceous material. Altered reworked hyaloclastites occur below Section 2. Drilling disturbance is high with abundant 'biscuiting'.ay to black tephra. The top of the tephra layers is typically bioturbated. The chalk includes lenses/burrows with reworked tuffaceous material. Altered

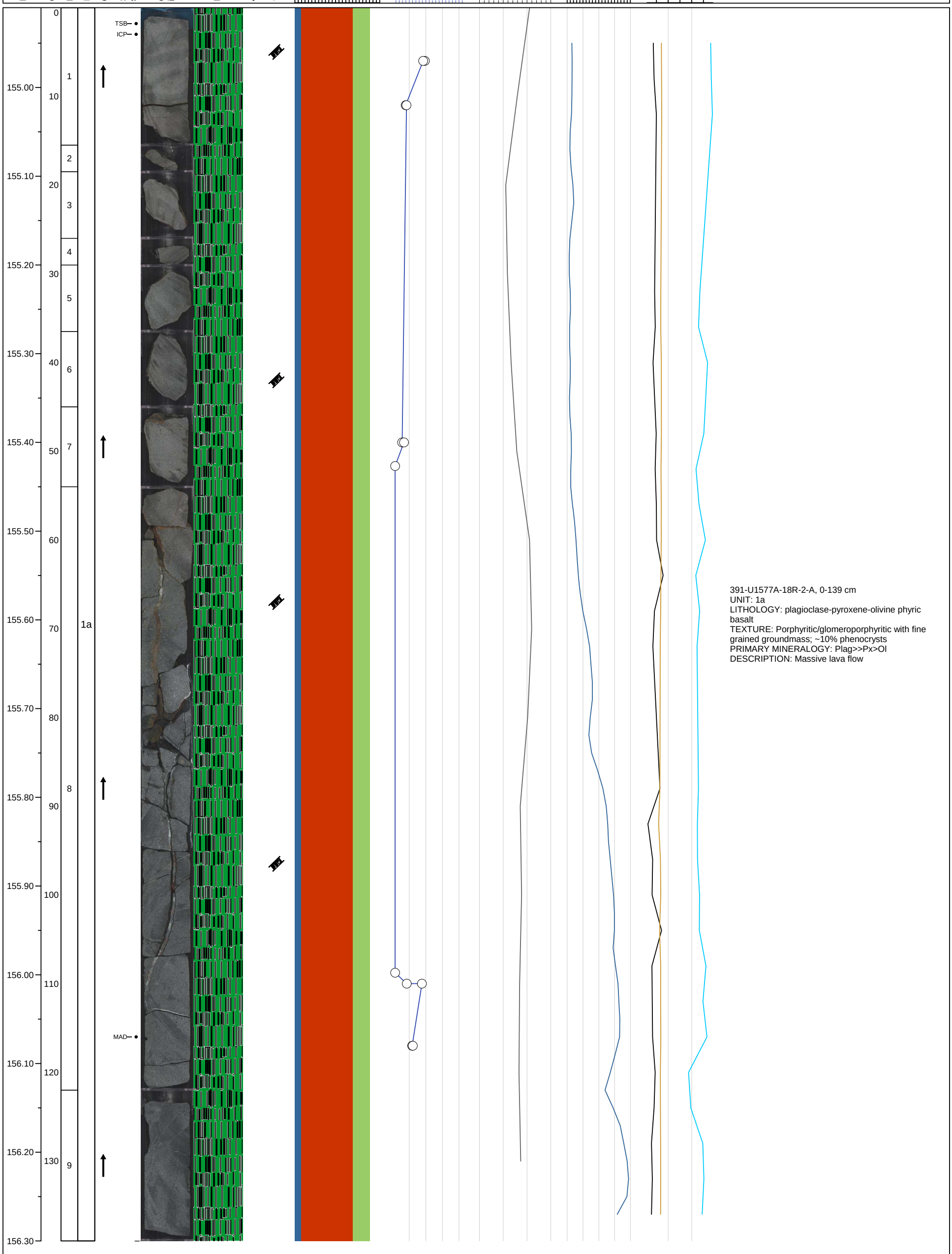


Hole 391-U1577A-18R Section 1, Top of Section: 154.2 m (CSF-A)



391-U1577A-18R-1-A, 59-71 cm
UNIT:
LITHOLOGY: plagioclase-pyroxene-olivine phyric basalt
TEXTURE: Porphyritic in microcrystalline groundmass, upper 1 cm is devitrified glass. About 20% phenocrysts.
PRIMARY MINERALOGY: Plag>Px>Ol
DESCRIPTION: Massive layer; upper contact with sediment. Crystal-rich glassy chilled margin. Contains plagiolcase, pyroxene and olivine phenocrysts. Olivine is 100% replaced by iddingsite. The contact with sediment has a thin (~1mm) thick layer of palgonite.

Hole 391-U1577A-18R Section 2, Top of Section: 154.91 m (CSF-A)



Hole 391-U1577A-18R Section 3, Top of Section: 156.3 m (CSF-A)

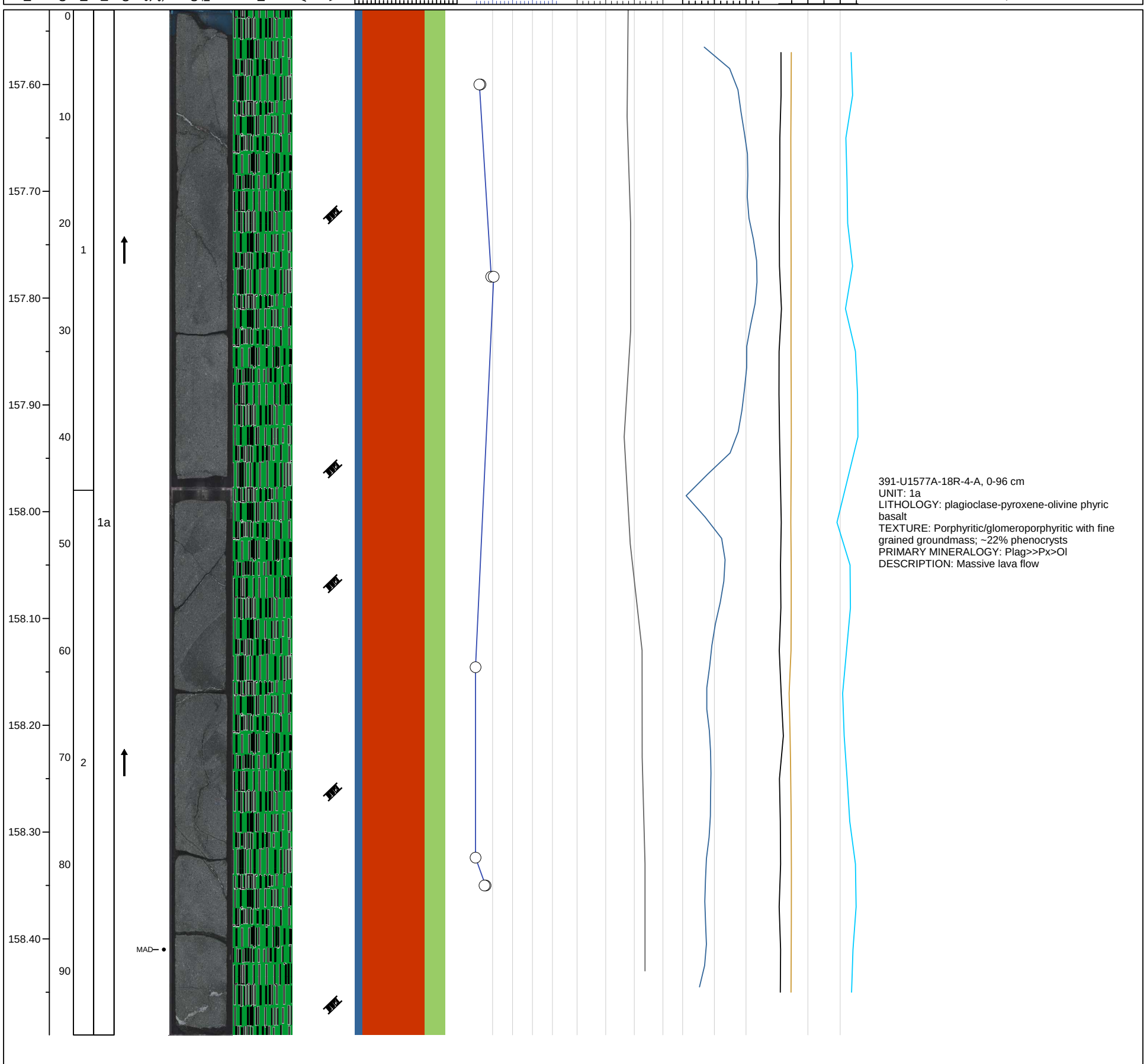
Depth (m) | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Lithology | Alteration intensity | Veins | Phenocrysts OL, PLAG, PXN abundance (%) | TiO_2 (ppm) | Natural gamma radiation (cps) | Magnetic susceptibility WRMSL (IU) | Reflectance L* a* b* | Description

156.30 | 0
156.40 | 10 | 1
156.50 | 20
156.60 | 30
156.70 | 40
156.80 | 50
156.90 | 60 | 1a
157.00 | 70 | 2
157.10 | 80
157.20 | 90
157.30 | 100
157.40 | 110
157.50 | 120

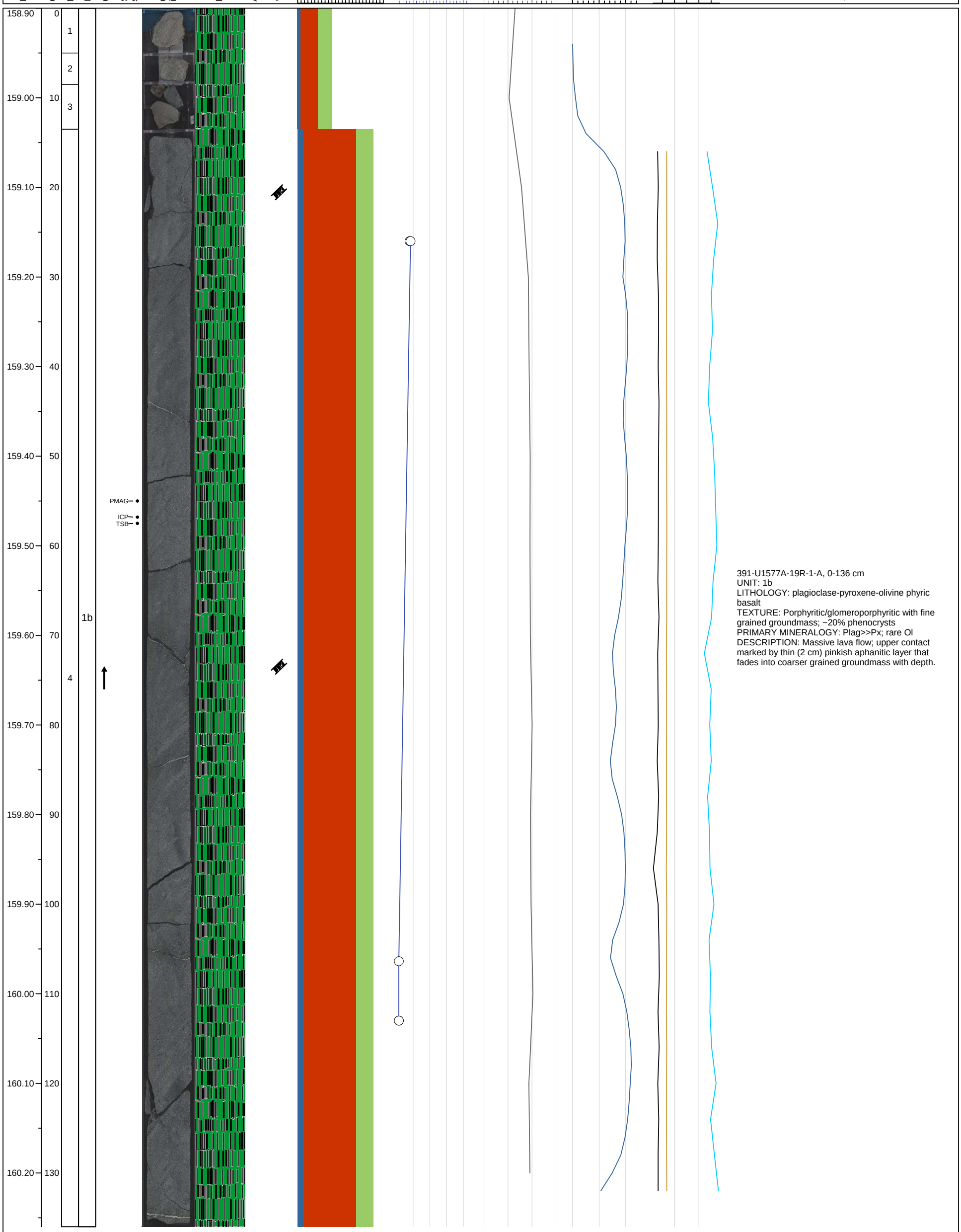
XRD
PMAG
MAD

391-U1577A-18R-3-A, 0-123 cm
UNIT: 1a
LITHOLOGY: plagioclase-pyroxene-olivine phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~10% phenocrysts
PRIMARY MINERALOGY: Plag>>Px>Ol
DESCRIPTION: Massive lava flow

Hole 391-U1577A-18R Section 4, Top of Section: 157.53 m (CSF-A)



Hole 391-U1577A-19R Section 1, Top of Section: 158.9 m (CSF-A)



391-U1577A-19R-1-A, 0-136 cm
UNIT: 1b
LITHOLOGY: plagioclase-pyroxene-olivine phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~20% phenocrysts
PRIMARY MINERALOGY: Plag>>Px; rare Ol
DESCRIPTION: Massive lava flow; upper contact marked by thin (2 cm) pinkish aphanitic layer that fades into coarser grained groundmass with depth.

Hole 391-U1577A-19R Section 2, Top of Section: 160.26 m (CSF-A)

Depth (m) | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Lithology | Alteration intensity | Veins | Phenocrysts OL, PLAG, PXN abundance (%) | TiO_2 (ppm) | Natural gamma radiation (cps) | Magnetic susceptibility WRMSL (IU) | Reflectance L* a* b* | Description

160.30 | 160.40 | 160.50 | 160.60 | 160.70 | 160.80 | 160.90 | 161.00 | 161.10 | 161.20 | 161.30 | 161.40 | 161.50 | 161.60 | 161.70

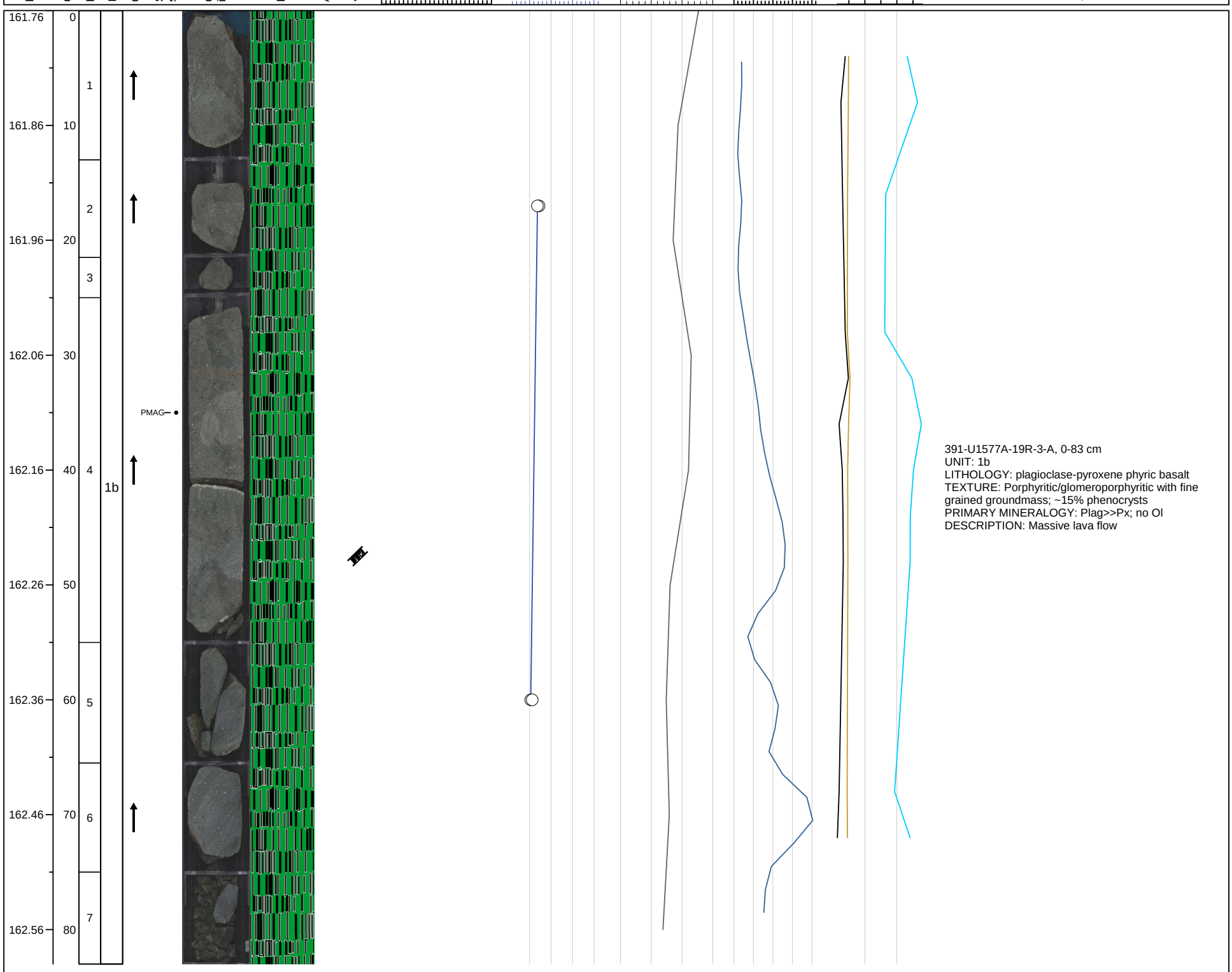
MAD

XRD

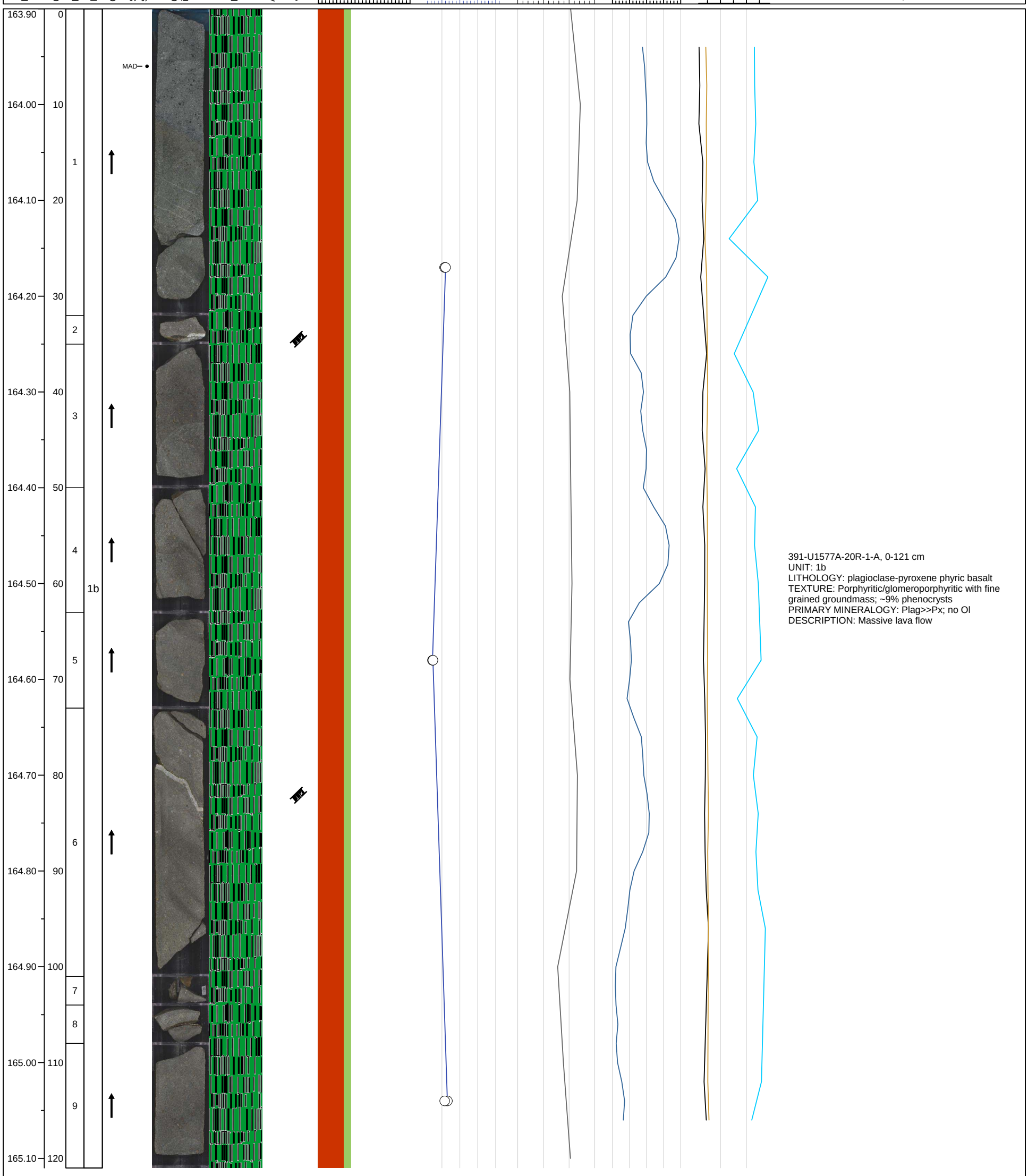
1b

391-U1577A-19R-2-A, 0-150 cm
UNIT: 1b
LITHOLOGY: plagioclase-pyroxene-olivine phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~16% phenocrysts
PRIMARY MINERALOGY: Plag>>Px; rare Ol
DESCRIPTION: Massive lava flow

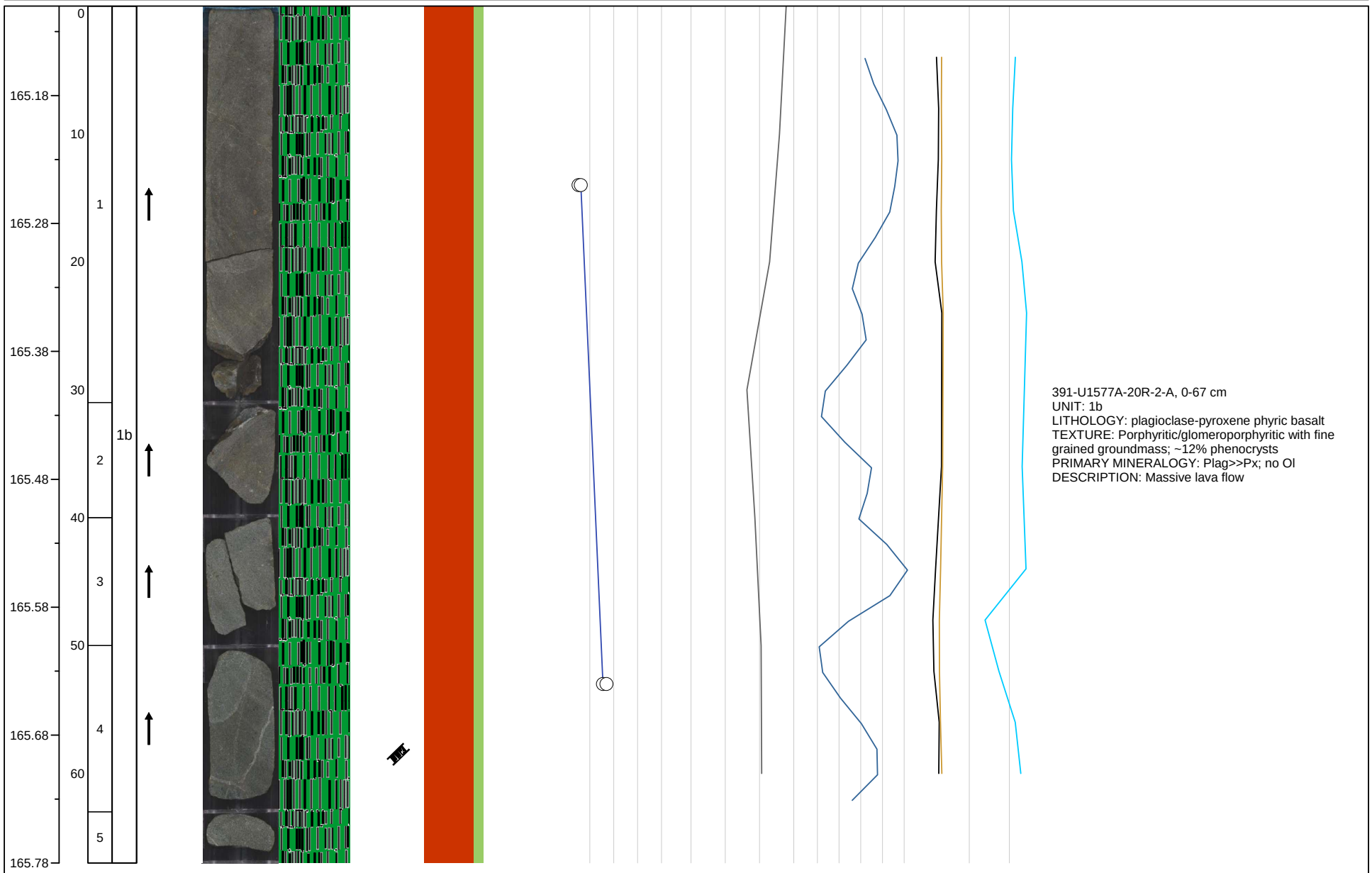
Hole 391-U1577A-19R Section 3, Top of Section: 161.76 m (CSF-A)



Hole 391-U1577A-20R Section 1, Top of Section: 163.9 m (CSF-A)



Hole 391-U1577A-20R Section 2, Top of Section: 165.11 m (CSF-A)



Hole 391-U1577A-20R Section 3, Top of Section: 165.78 m (CSF-A)

Depth (m) | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Lithology | Alteration intensity | Veins | Phenocrysts OL, PLAG, PXN abundance (%) | TiO_2 (ppm) | Natural gamma radiation (cps) | Magnetic susceptibility WRMSL (IU) | Reflectance L* a* b* | Description

391-U1577A-20R-3-A, 0-150 cm
UNIT: 1b
LITHOLOGY: plagioclase-pyroxene phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~14% phenocrysts
PRIMARY MINERALOGY: Plag>>Px; no Ol
DESCRIPTION: Massive lava flow

Hole 391-U1577A-20R Section 4, Top of Section: 167.28 m (CSF-A)

Depth (m) | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Lithology | Alteration intensity | Veins | Phenocrysts OL, PLAG, PXN abundance (%) | TiO_2 (ppm) | Natural gamma radiation (cps) | Magnetic susceptibility WRMSL (IU) | Reflectance L* a* b* | Description

167.30 | 0 | 1
10
167.40 | ICP
20 | 2
167.50
30
167.60 | 3
40
167.70
50
167.80 | 4
60
167.90
70
168.00 | 1b
80
168.10 | 5
90
168.20 | PMAG MAD
100
168.30
110
168.40 | 6
120
168.50
130
168.60 | 7
140
168.70

391-U1577A-20R-4-A, 0-144 cm
UNIT: 1b
LITHOLOGY: plagioclase-pyroxene phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~14% phenocrysts
PRIMARY MINERALOGY: Plag>>Px; no Ol
DESCRIPTION: Massive lava flow

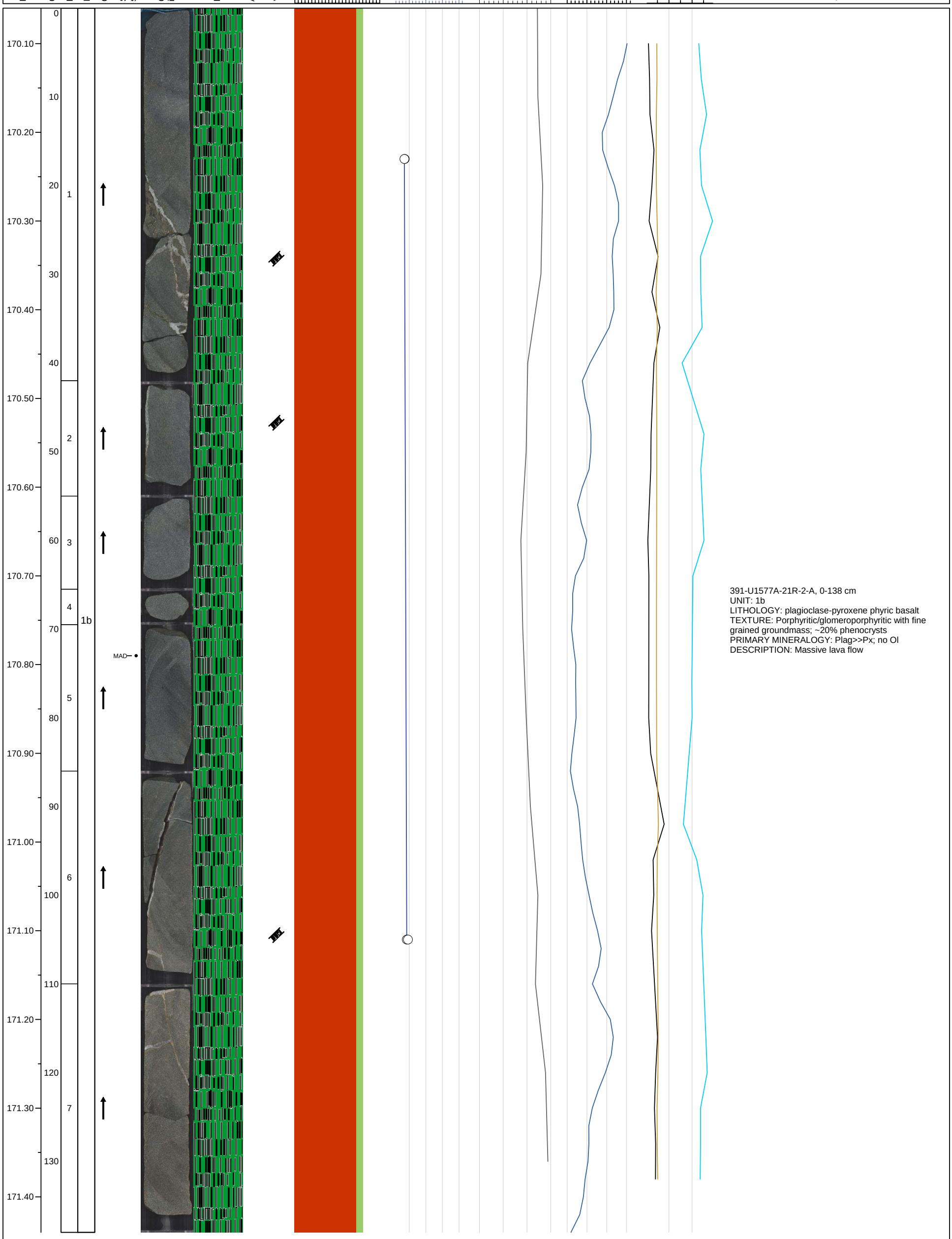
Hole 391-U1577A-21R Section 1, Top of Section: 168.7 m (CSF-A)

Depth (m) | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Lithology | Alteration intensity | Veins | Phenocrysts OL, PLAG, PXN abundance (%) | TiO_2 (ppm) | Natural gamma radiation (cps) | Magnetic susceptibility WRMSL (IU) | Reflectance L* a* b* | Description

168.70 | 0
168.80 | 10 | 1
168.90 | 20 | 2
169.00 | 30 | 3
169.10 | 40
169.20 | 50 | 4
169.30 | 60
169.40 | 70 | 1b | 5
169.50 | 80
169.60 | 90
169.70 | 100 | 6 | ICP | TSB | MAD
169.80 | 110
169.90 | 120
170.00 | 130 | 7

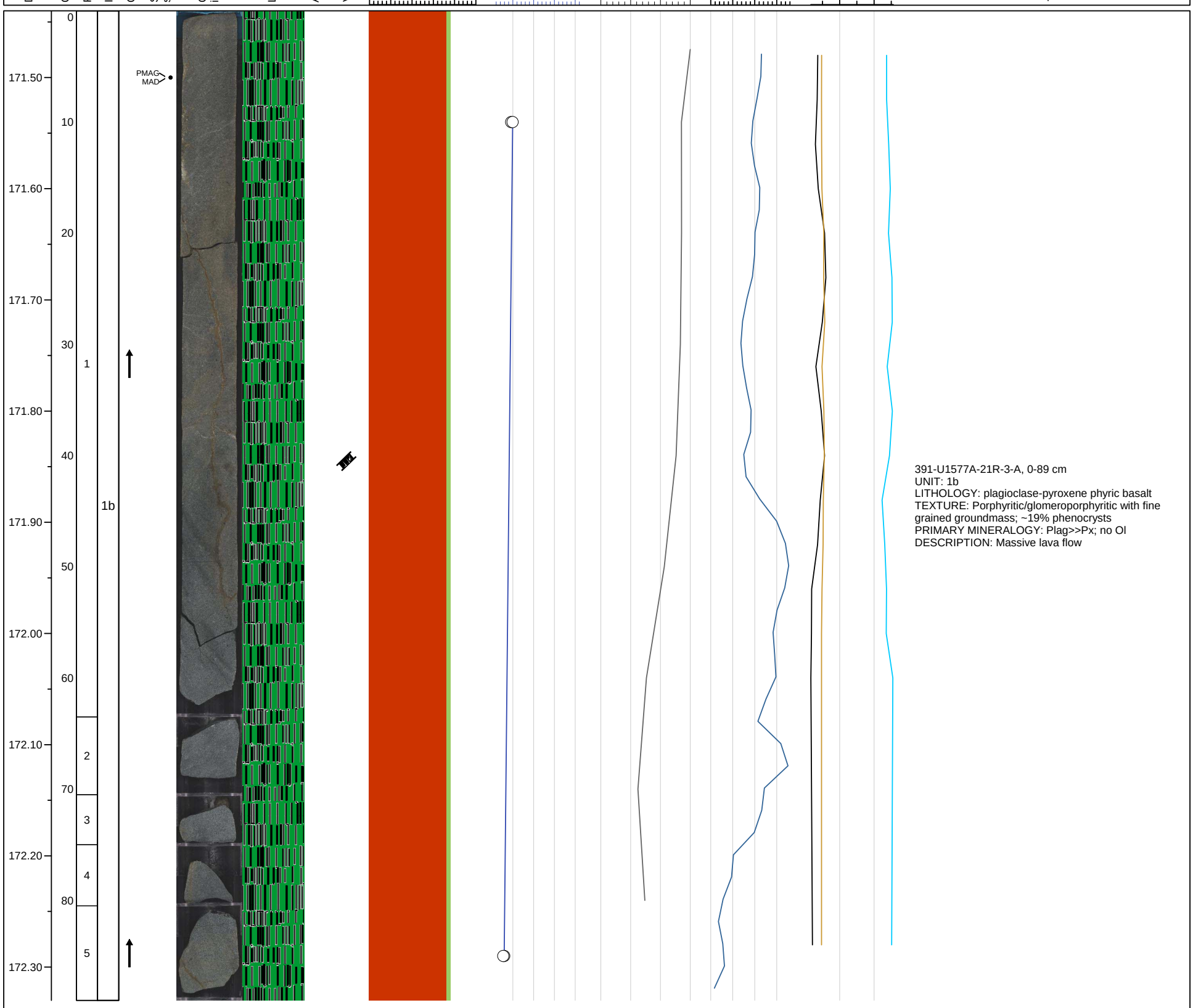
391-U1577A-21R-1-A, 0-136 cm
UNIT: 1b
LITHOLOGY: plagioclase-pyroxene phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~17% phenocrysts
PRIMARY MINERALOGY: Plag>>Px; no Ol
DESCRIPTION: Massive lava flow

Hole 391-U1577A-21R Section 2, Top of Section: 170.06 m (CSF-A)



391-U1577A-21R-2-A, 0-138 cm
UNIT: 1b
LITHOLOGY: plagioclase-pyroxene phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~20% phenocrysts
PRIMARY MINERALOGY: Plag>>Px; no Ol
DESCRIPTION: Massive lava flow

Hole 391-U1577A-21R Section 3, Top of Section: 171.44 m (CSF-A)



Hole 391-U1577A-21R Section 4, Top of Section: 172.33 m (CSF-A)

Depth (m) | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Lithology | Alteration intensity | Veins | Phenocrysts OL, PLAG, PXN abundance (%) | TiO_2 (ppm) | Natural gamma radiation (cps) | Magnetic susceptibility WRMSL (IU) | Reflectance L* a* b* | Description

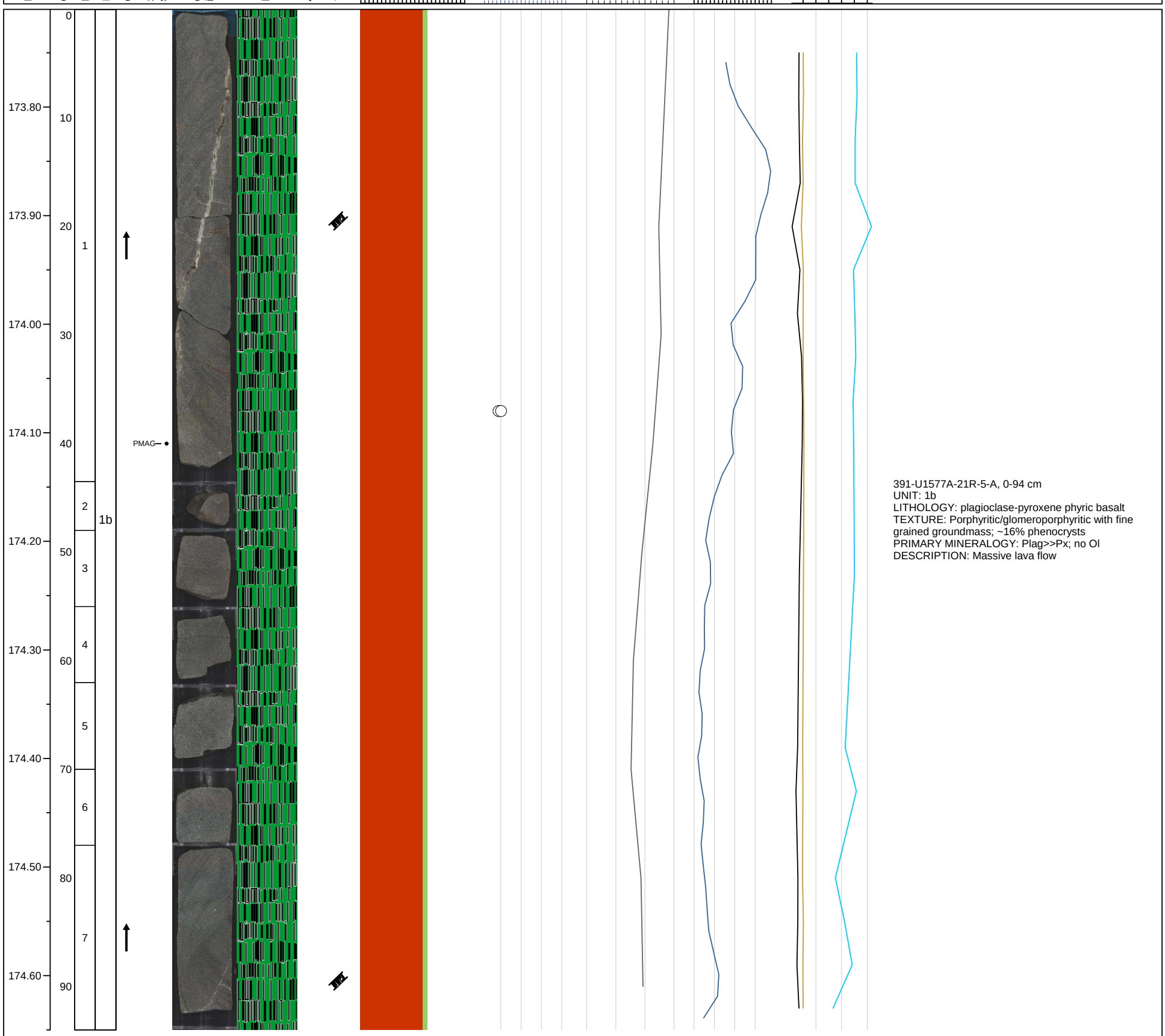
MAD

XRD

1 1b

391-U1577A-21R-4-A, 0-138 cm
UNIT: 1b
LITHOLOGY: plagioclase-pyroxene phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~16% phenocrysts
PRIMARY MINERALOGY: Plag>>Px; no Ol
DESCRIPTION: Massive lava flow

Hole 391-U1577A-21R Section 5, Top of Section: 173.71 m (CSF-A)



Hole 391-U1577A-22R Section 1, Top of Section: 173.7 m (CSF-A)

Depth (m) | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Lithology | Alteration intensity | Veins | Phenocrysts OL, PLAG, PXN abundance (%) | TiO_2 (ppm) | Natural gamma radiation (cps) | Magnetic susceptibility WRMSL (IU) | Reflectance L* a* b* | Description

173.70 | 0 | 1 | 2 | 10 | 3 | 20 | 4 | 30 | 174.00 | 40 | 5 | 50 | 6 | 60 | 174.30 | 70 | 7 | 8 | 80 | 174.50 | 9 | 90 | 174.60 | 10 | 100 | 174.70 | 110 | 11 | 120 | 174.90 | 12 | 130 | 175.00

1b

1c

MAD

391-U1577A-22R-1-A, 0-70 cm
UNIT: 1b
LITHOLOGY: plagioclase-pyroxene phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~23% phenocrysts
PRIMARY MINERALOGY: Plag>>Px; no Ol
DESCRIPTION: Massive lava flow

391-U1577A-22R-1-A, 70-133 cm
UNIT: 1c
LITHOLOGY: plagioclase-pyroxene-olivine phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~13% phenocrysts
PRIMARY MINERALOGY: Plag>>Px=Ol
DESCRIPTION: Massive lava flow; contact marked by bin of aphantic, pinkish basalt with 1 cm of glass+palagonite with calcite selvage on one piece.

Hole 391-U1577A-22R Section 2, Top of Section: 175.03 m (CSF-A)

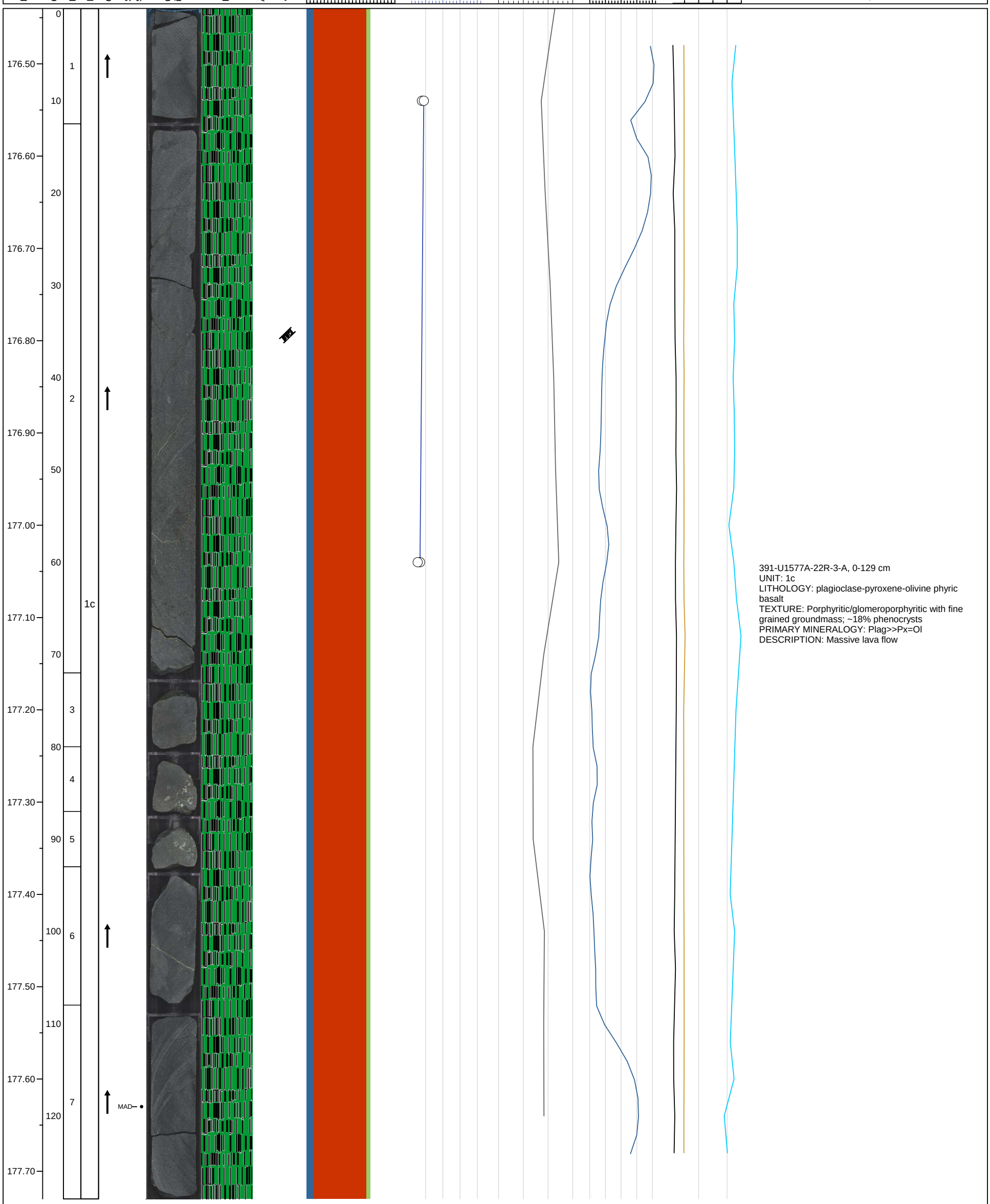
Depth (m) | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Lithology | Alteration intensity | Veins | Phenocrysts OL, PLAG, PXN abundance (%) | TiO_2 (ppm) | Natural gamma radiation (cps) | Magnetic susceptibility WRMSL (IU) | Reflectance L* a* b* | Description

175.10 | 0 | 1
10
175.20 | 20 | 2
175.30 | 30 | 3
40 | 4
175.40 | 5
40 | 6
7
175.50 | 50
175.60 | 60 | 8
175.70 | 70 | 1c
175.80 | 80
175.90 | 90 | 9
176.00 | 100 | 10
176.10 | 110
176.20 | 120 | 11
176.30 | 130 | 12
176.40 | 140

MAD
PMAG
ICP

391-U1577A-22R-2-A, 0-141 cm
UNIT: 1c
LITHOLOGY: plagioclase-pyroxene-olivine phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~15% phenocrysts
PRIMARY MINERALOGY: Plag>>Px=Ol
DESCRIPTION: Massive lava flow

Hole 391-U1577A-22R Section 3, Top of Section: 176.44 m (CSF-A)



Hole 391-U1577A-23R Section 1, Top of Section: 178.4 m (CSF-A)

Depth (m) | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Lithology | Alteration intensity | Veins | Phenocrysts OL, PLAG, PXN abundance (%) | TiO_2 (ppm) | Natural gamma radiation (cps) | Magnetic susceptibility WRMSL (IU) | Reflectance L* a* b* | Description

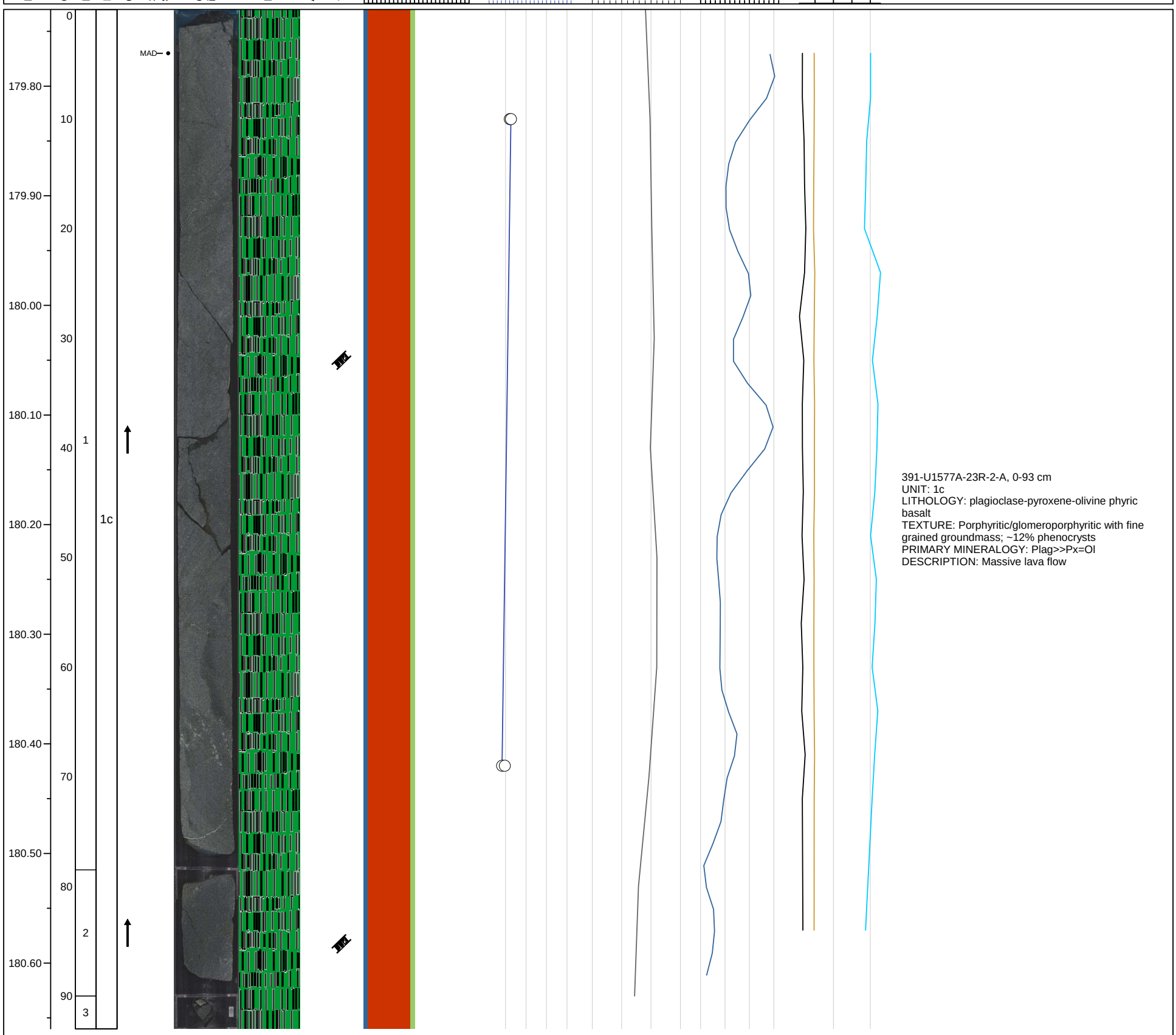
178.40 (0) | 178.50 (10) | 178.60 (20) | 178.70 (30) | 178.80 (40) | 178.90 (50) | 179.00 (60) | 179.10 (70) | 179.20 (80) | 179.30 (90) | 179.40 (100) | 179.50 (110) | 179.60 (120) | 179.70 (130)

PMAG

1 | 1c

391-U1577A-23R-1-A, 0-133 cm
UNIT: 1c
LITHOLOGY: plagioclase-pyroxene-olivine phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~12% phenocrysts
PRIMARY MINERALOGY: Plag>>Px=Ol
DESCRIPTION: Massive lava flow

Hole 391-U1577A-23R Section 2, Top of Section: 179.73 m (CSF-A)



Hole 391-U1577A-23R Section 3, Top of Section: 180.66 m (CSF-A)

Depth (m) | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Lithology | Alteration intensity | Veins | Phenocrysts OL, PLAG, PXN abundance (%) | TiO_2 (ppm) | Natural gamma radiation (cps) | Magnetic susceptibility WRMSL (IU) | Reflectance L* a* b* | Description

Depth (m): 180.70, 180.80, 180.90, 181.00, 181.10, 181.20, 181.30, 181.40, 181.50, 181.60, 181.70, 181.80

Core length (cm): 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120

Piece number: 1, 2, 3, 4, 5, 6

Igneous lith. unit: 1c

Shipboard samples: TSB, ICP, PMAG

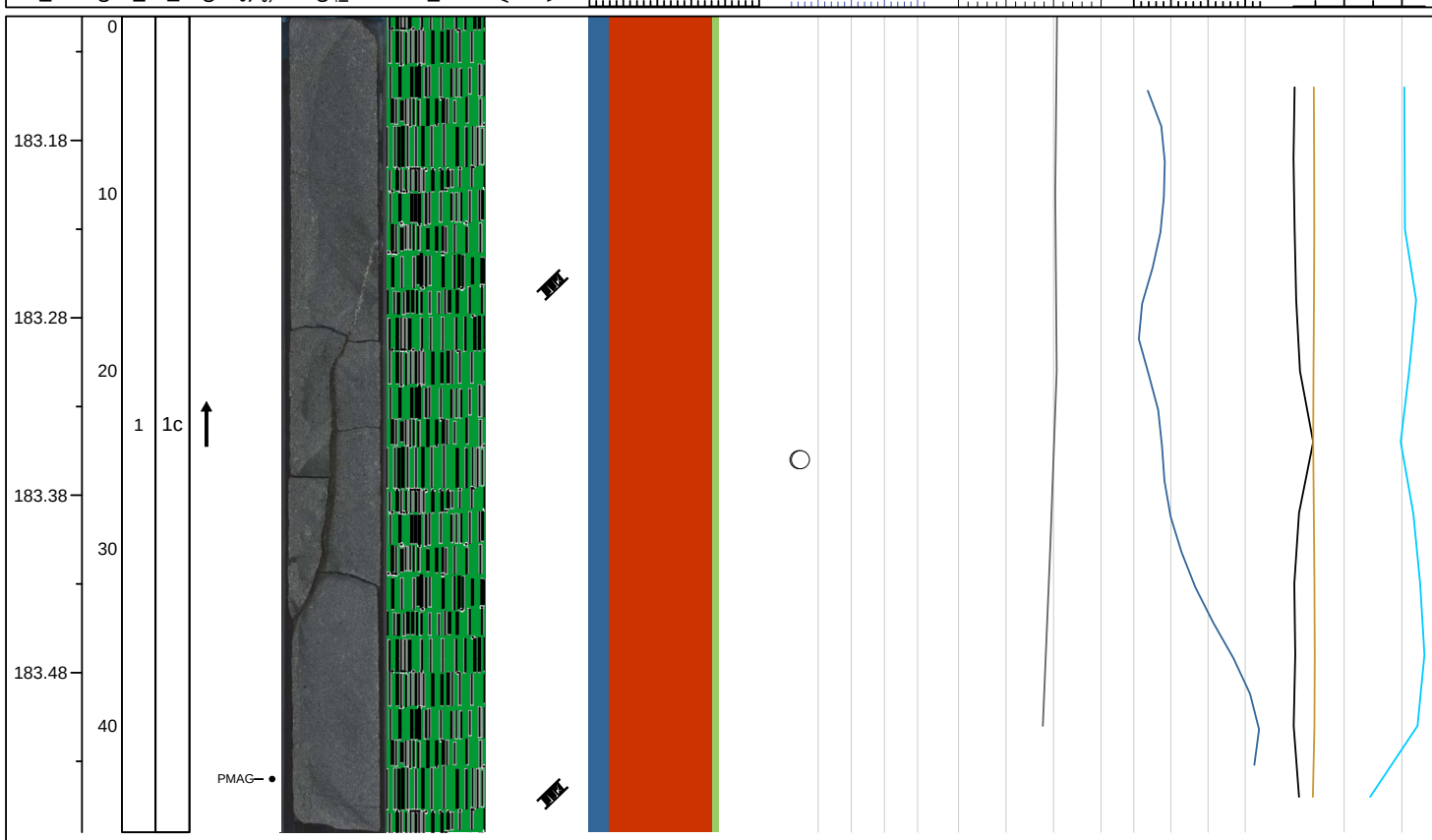
391-U1577A-23R-3-A, 0-122 cm
UNIT: 1c
LITHOLOGY: plagioclase-pyroxene-olivine phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~14% phenocrysts
PRIMARY MINERALOGY: Plag>>Px=Ol
DESCRIPTION: Massive lava flow

Hole 391-U1577A-23R Section 4, Top of Section: 181.88 m (CSF-A)

Depth (m) | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Lithology | Alteration intensity | Veins | Phenocrysts OL, PLAG, PXN abundance (%) | TiO_2 (ppm) | Natural gamma radiation (cps) | Magnetic susceptibility WRMSL (IU) | Reflectance L* a* b* | Description

391-U1577A-23R-4-A, 0-123 cm
UNIT: 1c
LITHOLOGY: plagioclase-pyroxene-olivine phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~19% phenocrysts
PRIMARY MINERALOGY: Plag>>Px=Ol
DESCRIPTION: Massive lava flow

Hole 391-U1577A-23R Section 5, Top of Section: 183.11 m (CSF-A)



391-U1577A-23R-5-A, 0-46 cm
UNIT: 1c
LITHOLOGY: plagioclase-pyroxene-olivine phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~19% phenocrysts
PRIMARY MINERALOGY: Plag>>Px=Ol
DESCRIPTION: Massive lava flow

Hole 391-U1577A-24R Section 1, Top of Section: 183.4 m (CSF-A)

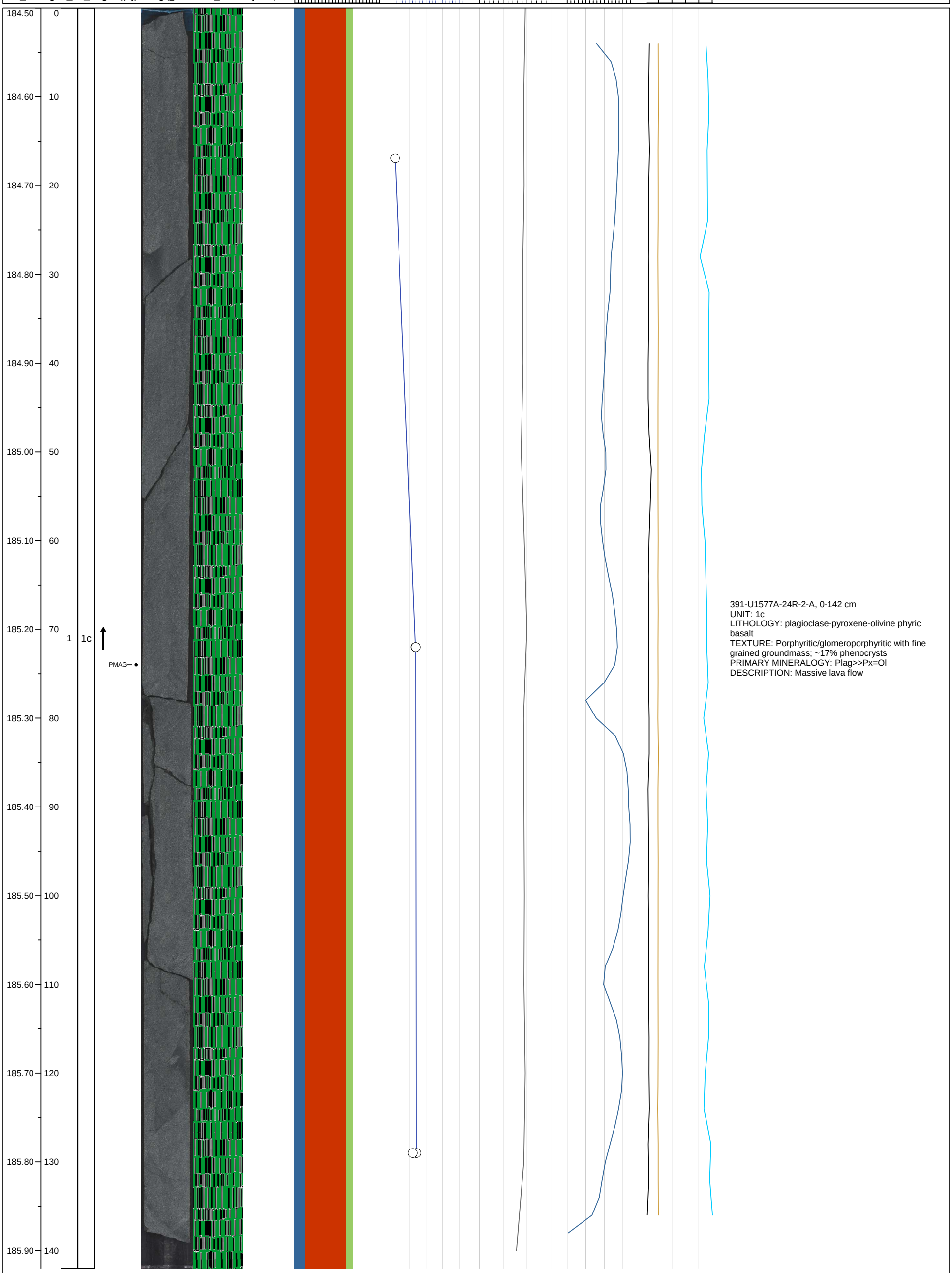
Depth (m) | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Lithology | Alteration intensity | Veins | Phenocrysts OL, PLAG, PXN abundance (%) | TiO_2 (ppm) | Natural gamma radiation (cps) | Magnetic susceptibility WRMSL (IU) | Reflectance L* a* b* | Description

183.40 | 0 | 1
183.50 | 10 | 2
183.60 | 20
183.70 | 30
183.80 | 40
183.90 | 50 | 1c
184.00 | 60 | 3
184.10 | 70
184.20 | 80
184.30 | 90
184.40 | 100
184.50 | 110

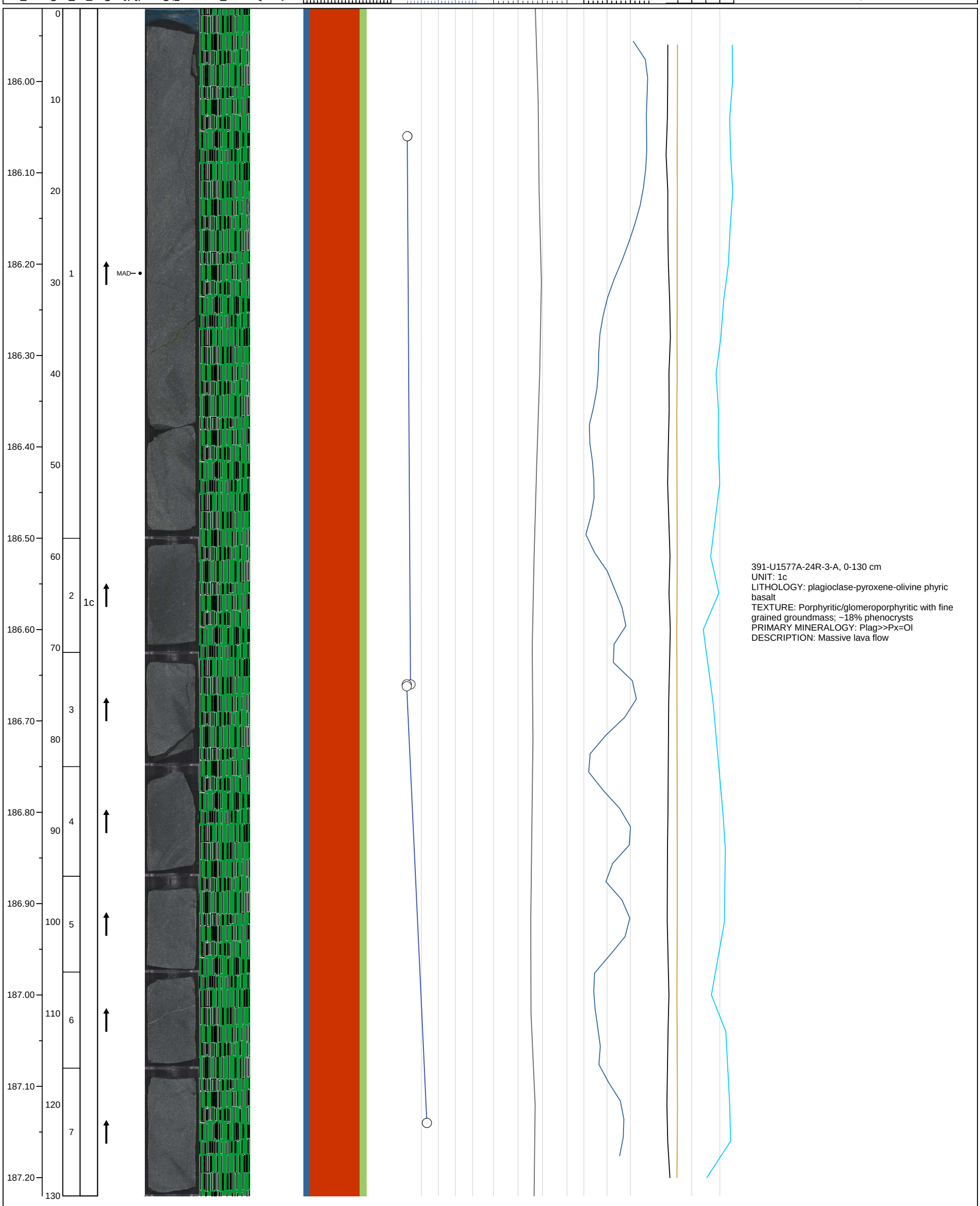
MAD

391-U1577A-24R-1-A, 0-110 cm
UNIT: 1c
LITHOLOGY: plagioclase-pyroxene-olivine phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~17% phenocrysts
PRIMARY MINERALOGY: Plag>>Px=Ol
DESCRIPTION: Massive lava flow

Hole 391-U1577A-24R Section 2, Top of Section: 184.5 m (CSF-A)

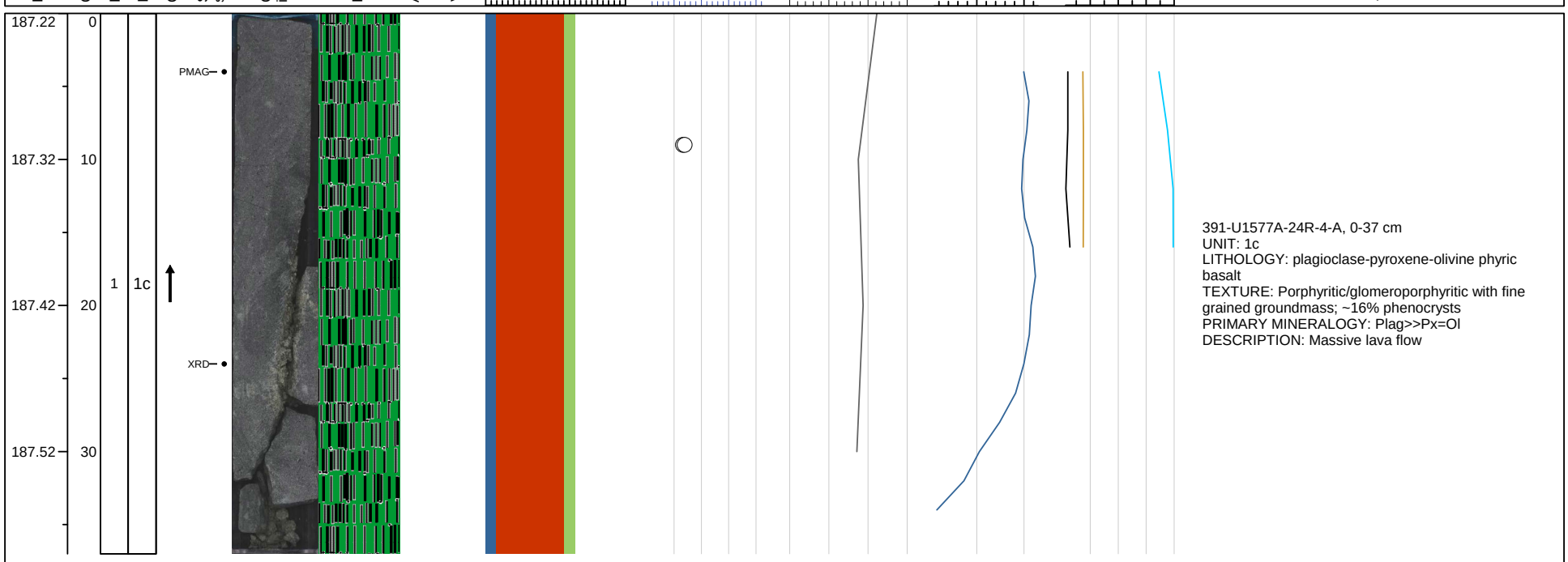


Hole 391-U1577A-24R Section 3, Top of Section: 185.92 m (CSF-A)

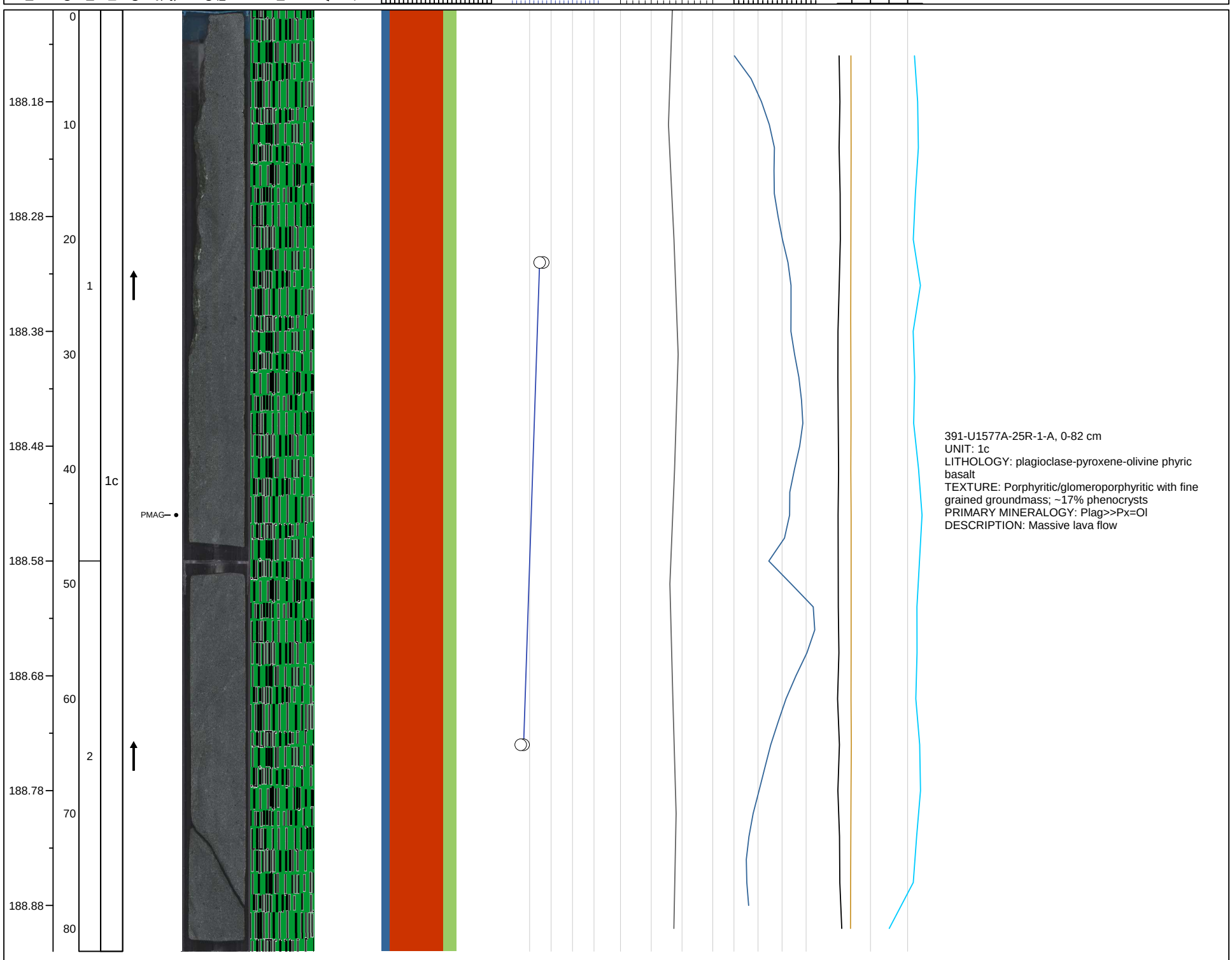


391-U1577A-24R-3-A, 0-130 cm
UNIT: 1c
LITHOLOGY: plagioclase-pyroxene-olivine phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~18% phenocrysts
PRIMARY MINERALOGY: Plag>>Px=Ol
DESCRIPTION: Massive lava flow

Hole 391-U1577A-24R Section 4, Top of Section: 187.22 m (CSF-A)



Hole 391-U1577A-25R Section 1, Top of Section: 188.1 m (CSF-A)



Hole 391-U1577A-25R Section 2, Top of Section: 188.92 m (CSF-A)

Depth (m) | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Lithology | Alteration intensity | Veins | Phenocrysts OL, PLAG, PXN abundance (%) | TiO_2 (ppm) | Natural gamma radiation (cps) | Magnetic susceptibility WRMSL (IU) | Reflectance L* a* b* | Description

189.00 | 0 | 1 | 1c
189.10 | 10
189.20 | 20
189.30 | 30
189.40 | 40
189.50 | 50
189.60 | 60
189.70 | 70
189.80 | 80
189.90 | 90 | 2
190.00 | 100 | MAD ICP | 3
190.10 | 110
190.20 | 120 | 4
190.30 | 130
140

391-U1577A-25R-2-A, 0-143 cm
UNIT: 1c
LITHOLOGY: plagioclase-pyroxene-olivine phyric basalt
TEXTURE: Porphyritic/glomeroporphyritic with fine grained groundmass; ~19% phenocrysts
PRIMARY MINERALOGY: Plag>>Px=Ol
DESCRIPTION: Massive lava flow

Hole 391-U1577A-26R Section 1, Top of Section: 193.1 m (CSF-A)