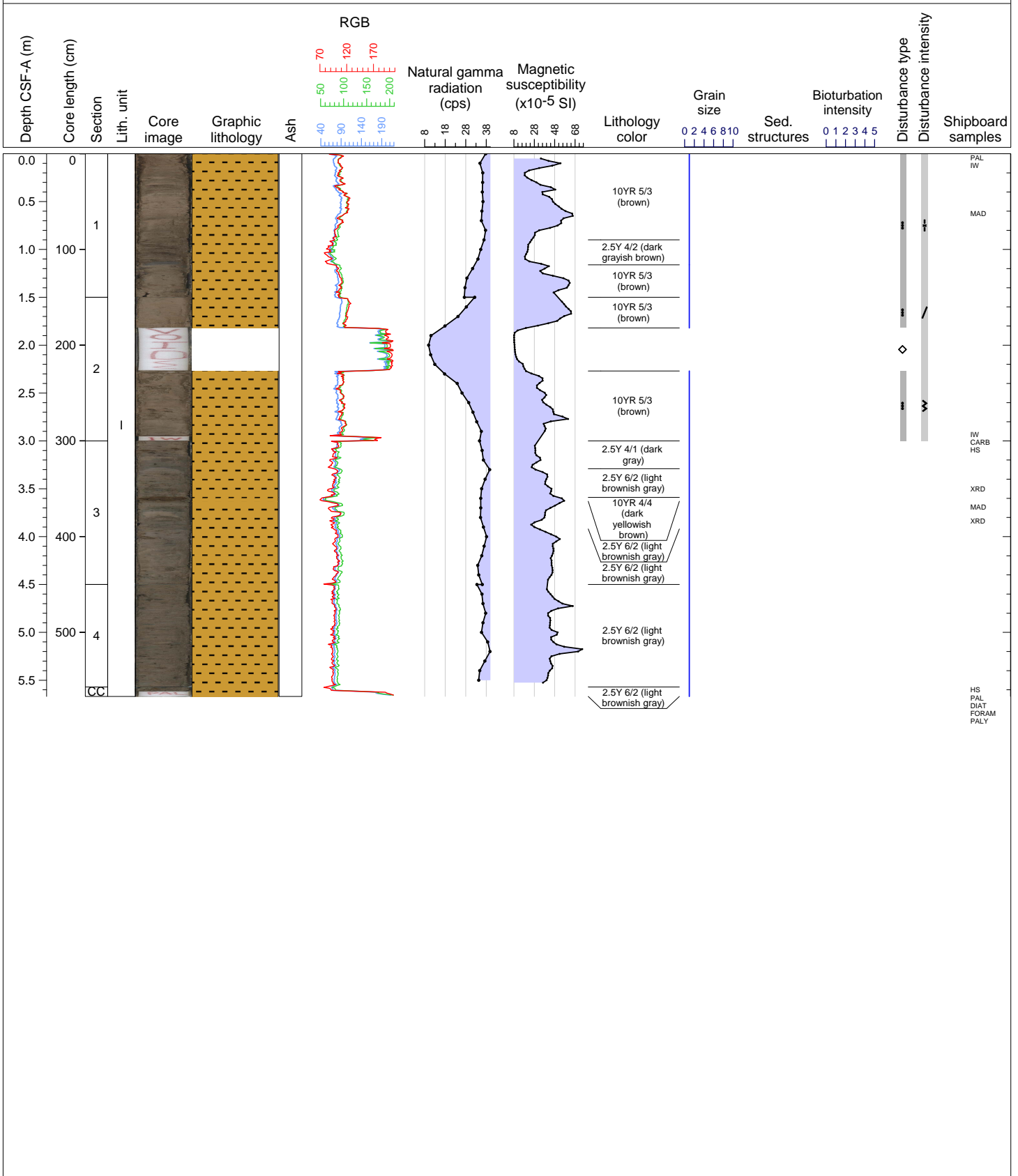


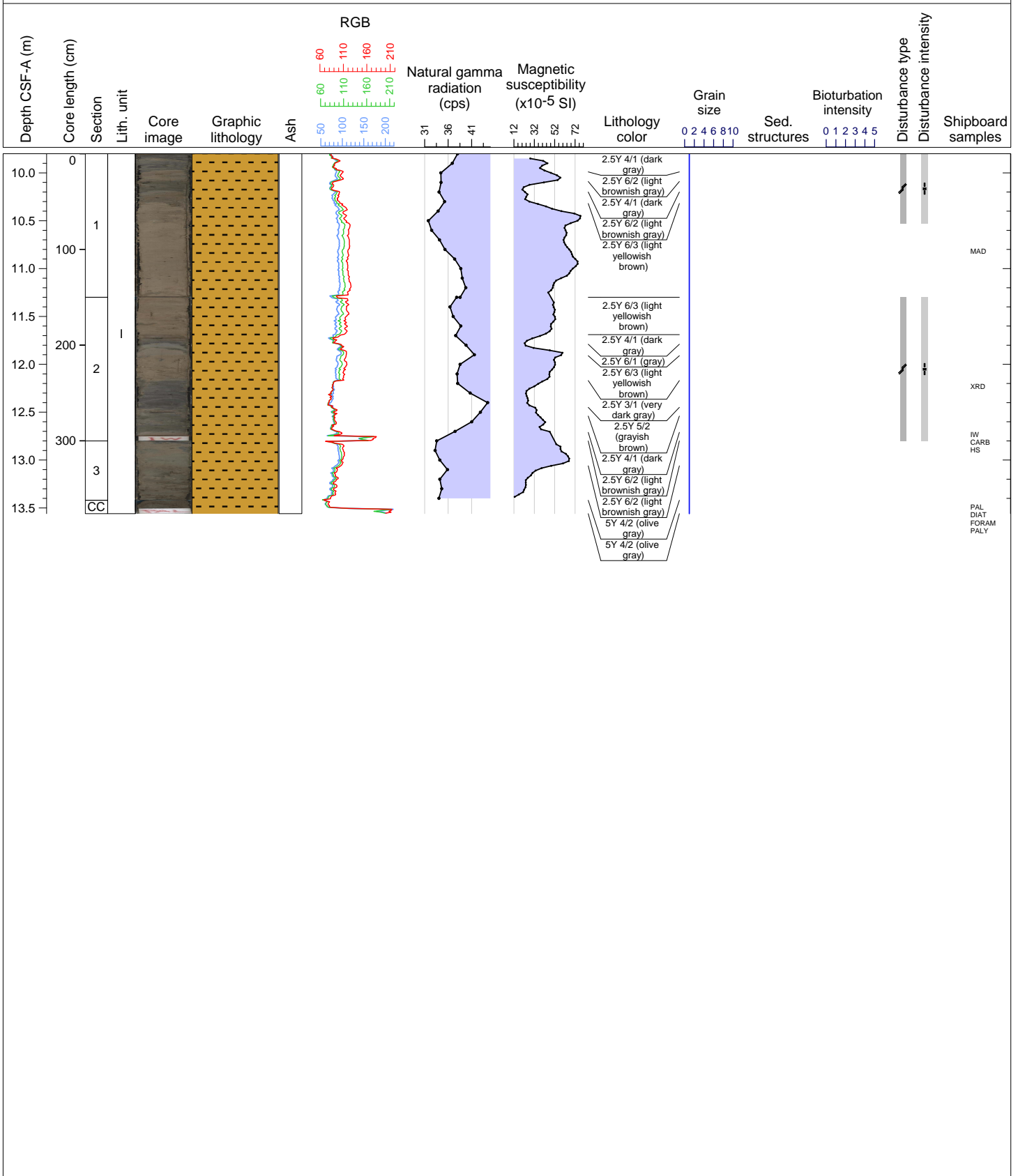
Hole 396-U1574A Core 1R, Interval 0.0-5.67 m (CSF-A)

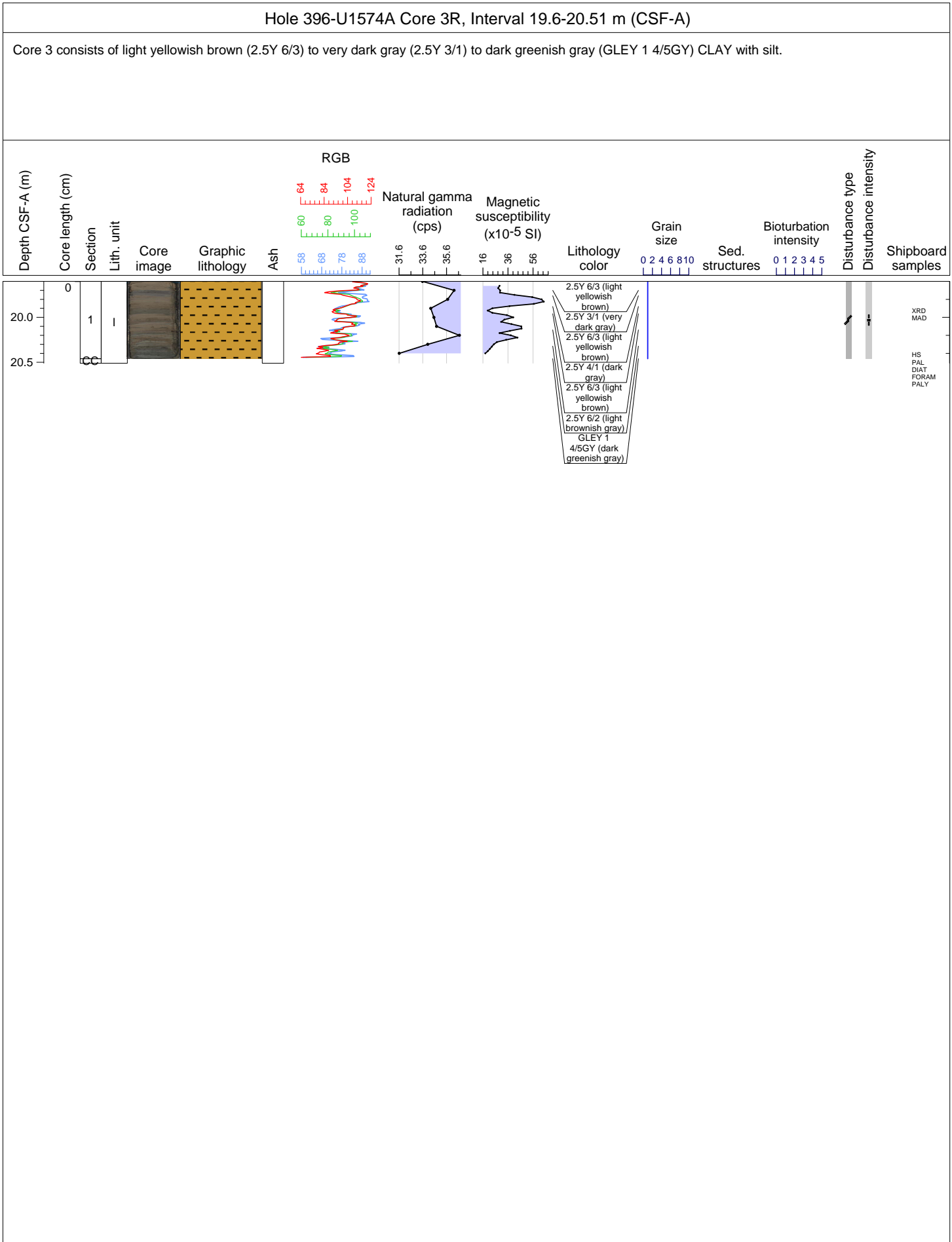
Core 1 consists of brown (10 YR 5/3) to light brownish gray (2.5Y 6/2) CLAY with silt and common foraminifers. Rare pebbles are present locally. The core is soupy due to moderate drilling disturbance.



Hole 396-U1574A Core 2R, Interval 9.8-13.56 m (CSF-A)

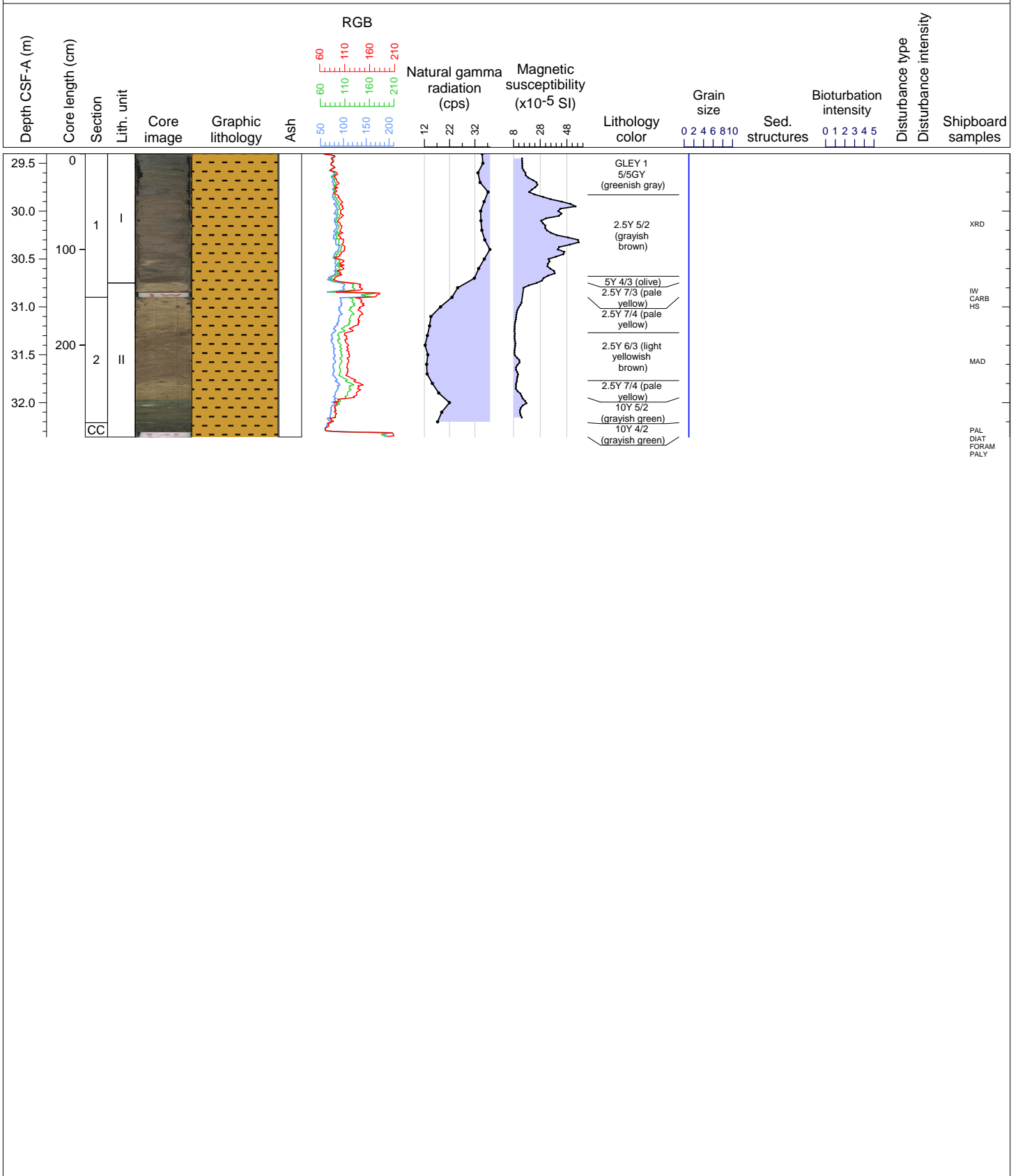
Core 2 consists of dark gray (2.5Y 4/1) to light brownish gray (2.5Y 6/2) to light yellowish brown (2.5Y 6/3) to olive gray (5Y 4/2) CLAY with silt and rare to common foraminifers. Rare pebbles are present locally.





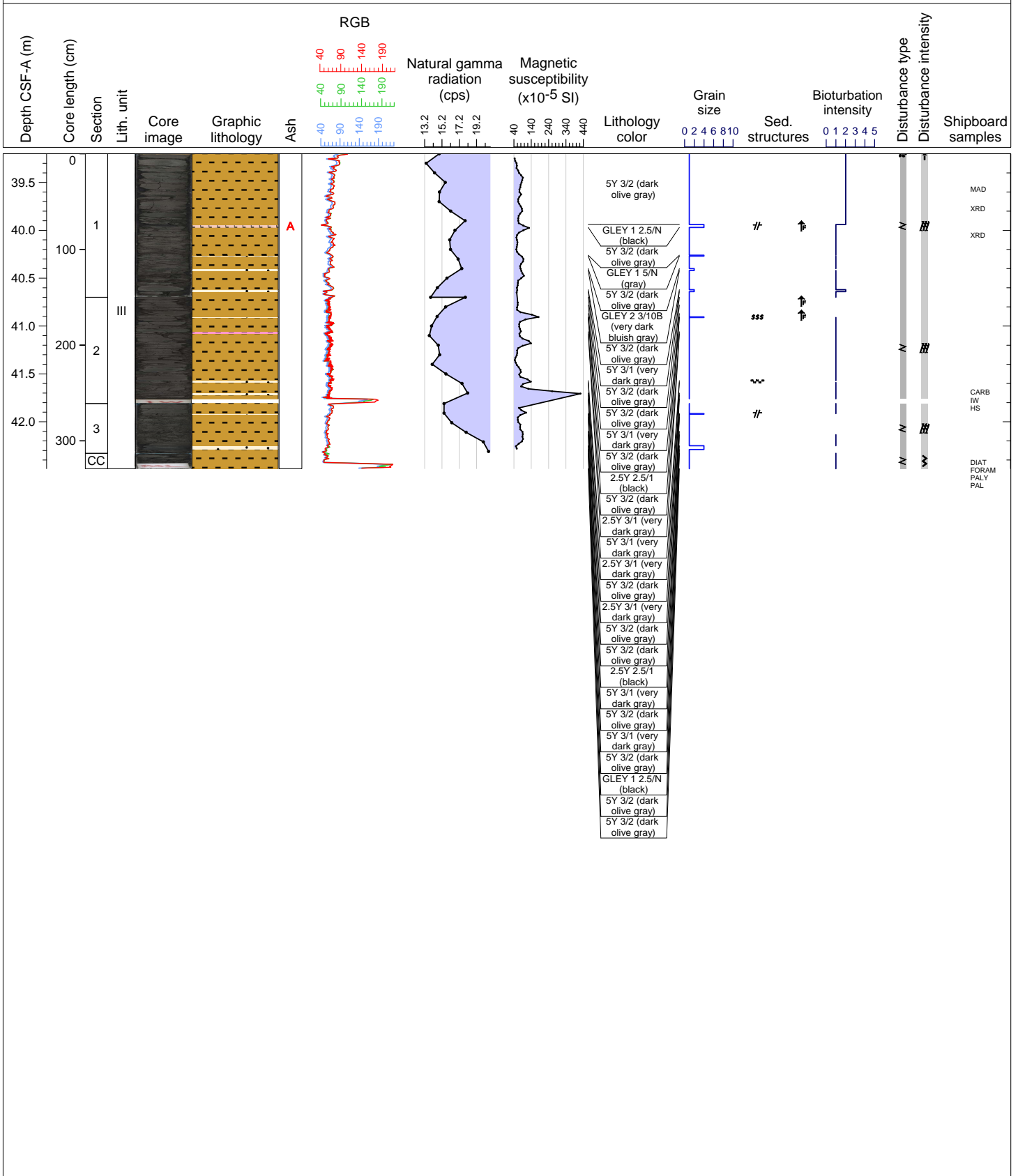
Hole 396-U1574A Core 4R, Interval 29.4-32.36 m (CSF-A)

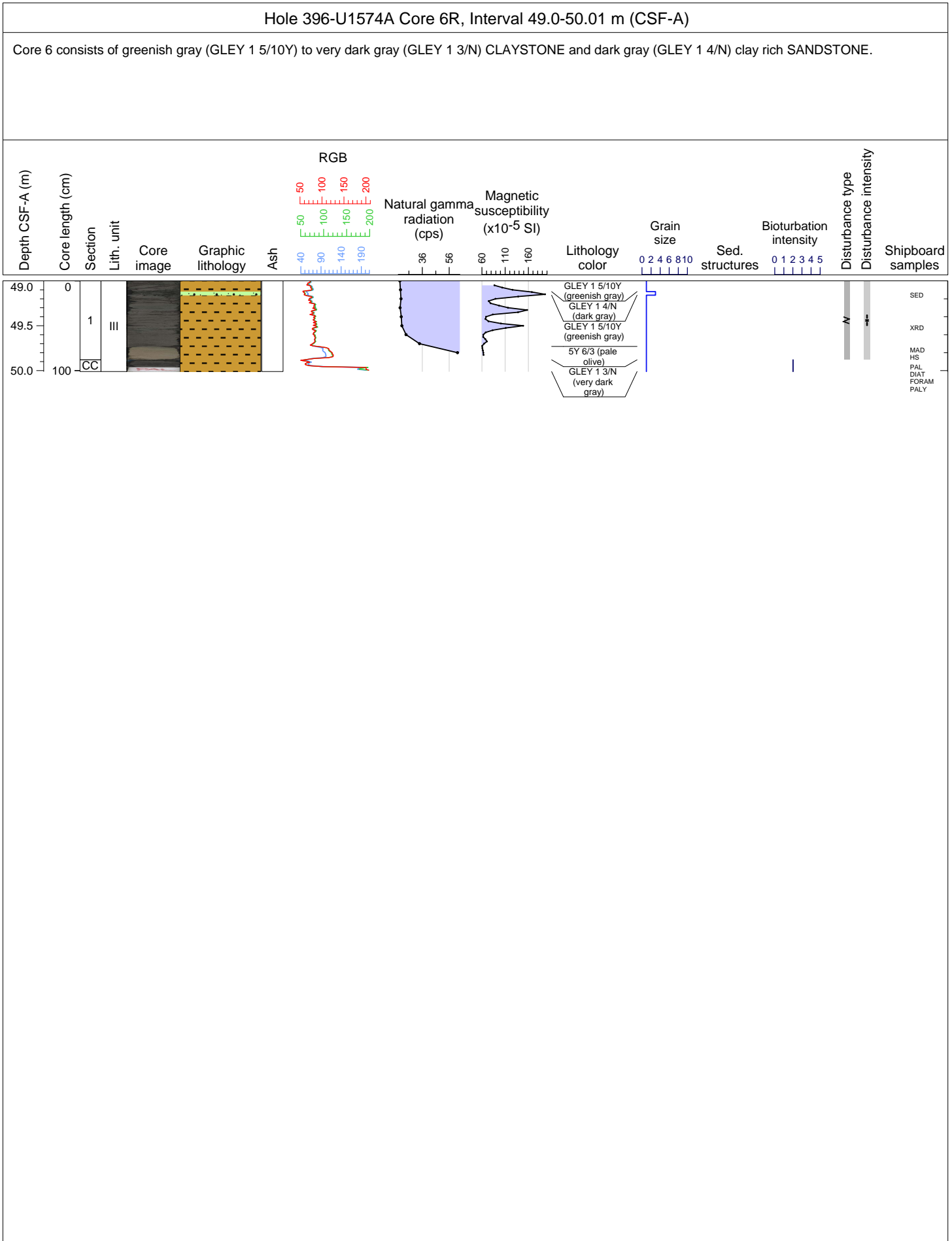
Core 4 consists of grayish green (10Y 5/2) to grayish brown (2.5Y 5/2) to pale yellow (2.5Y 7/4) CLAY with varying amounts of silt and sand. Rare pebbles are present locally.



Hole 396-U1574A Core 5R, Interval 39.2-42.49 m (CSF-A)

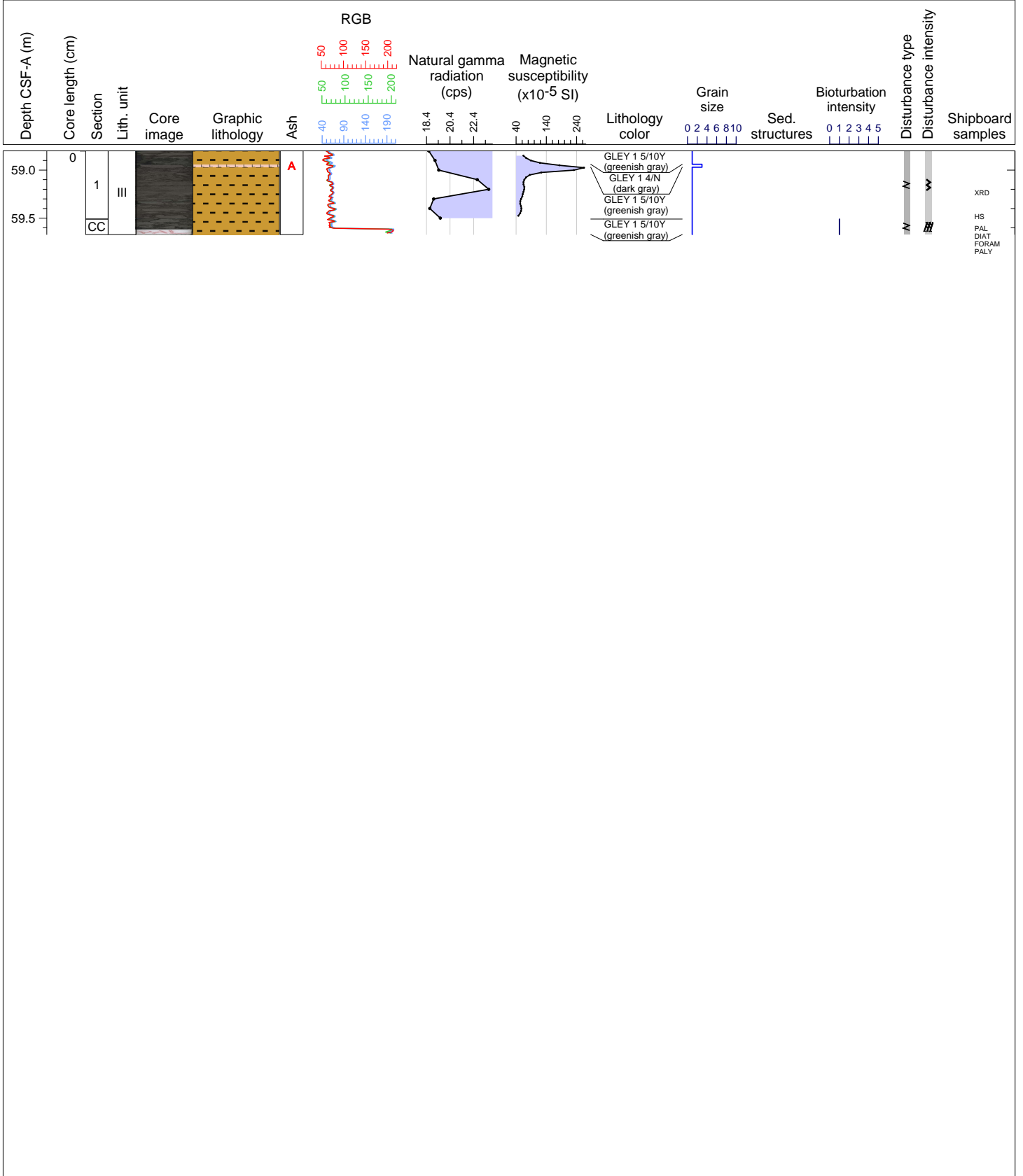
Core 5 consists of dark olive gray (5Y 3/2) to very dark gray (5y 3/1) CLAYSTONE alternating with thin black (GLEY 1 2.5/N) ASH or SANDSTONE. Slight to moderate bioturbation and fining upward sequence are present locally.





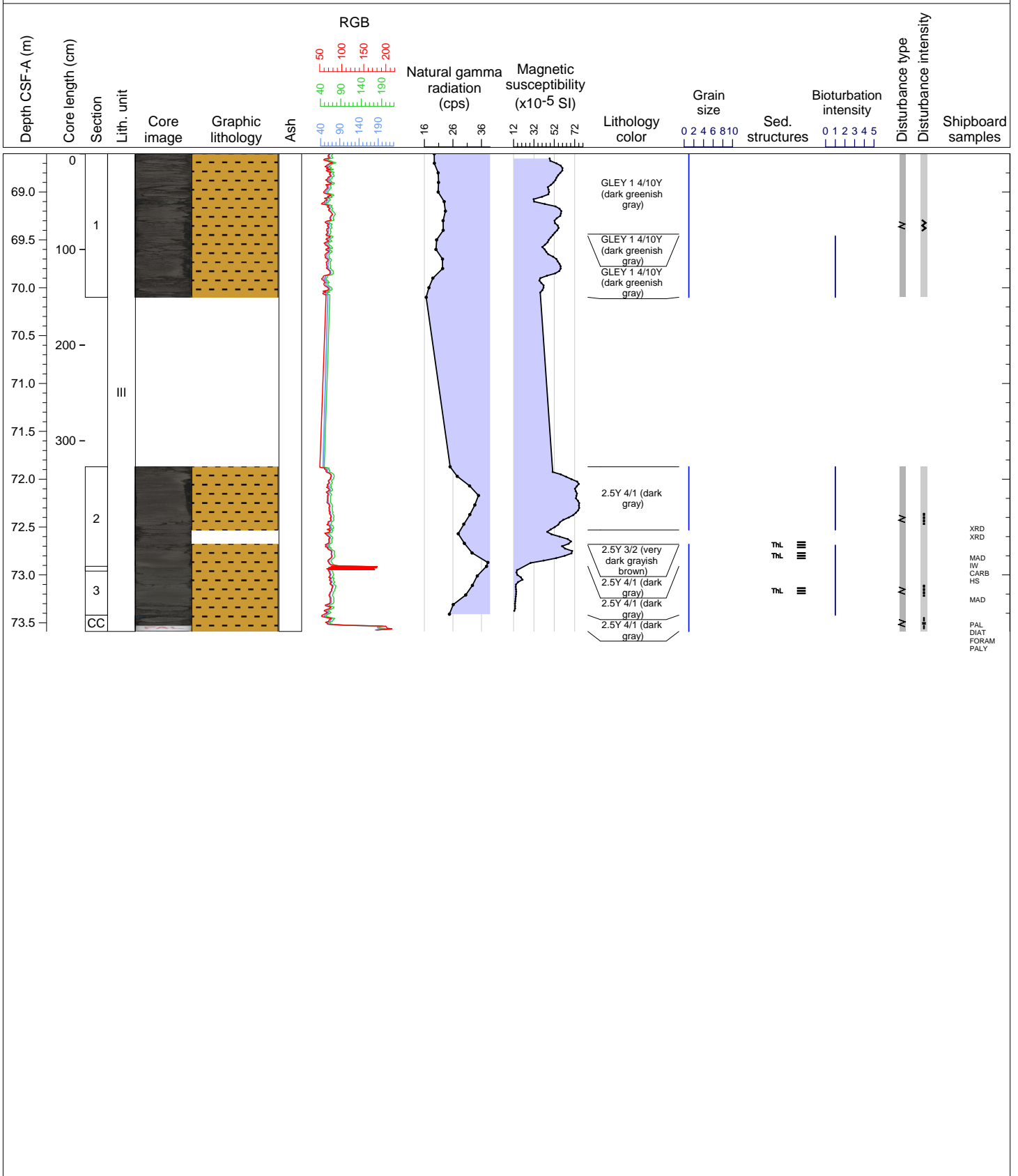
Hole 396-U1574A Core 7R, Interval 58.8-59.67 m (CSF-A)

Core 7 consists of greenish gray (GLEY 1 5/10Y) CLAYSTONE with silt and dark gray (GLEY 1 4/N) ASH.



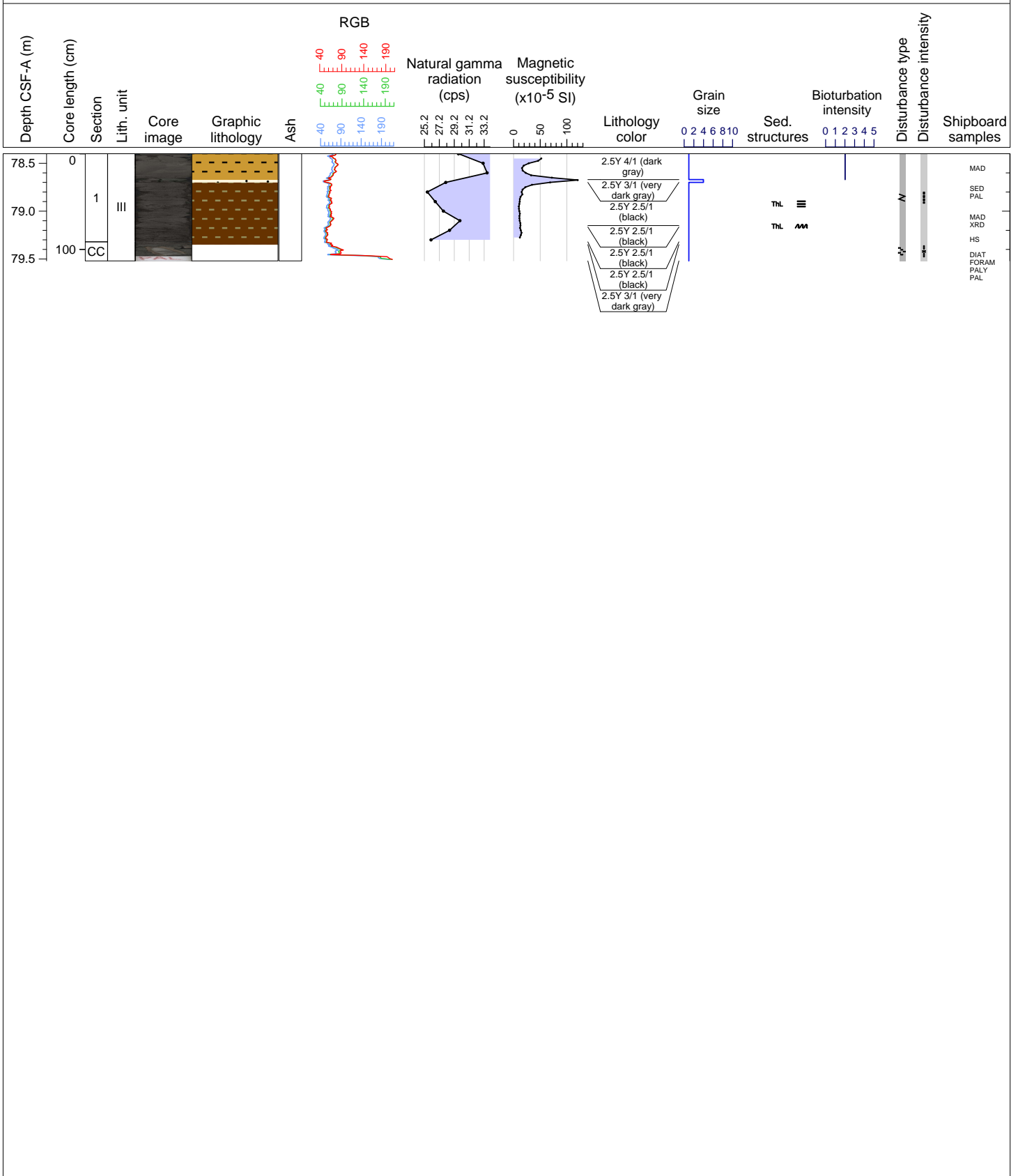
Hole 396-U1574A Core 8R, Interval 68.6-73.59 m (CSF-A)

Core 8 consists of dark greenish gray (GLEY 1 4/10Y) CLAYSTONE with silt and slight bioturbation, and dark gray (2.5Y 4/1) CLAYSTONE with silt with thin parallel lamination. Macroscopic pyrite is also observed.



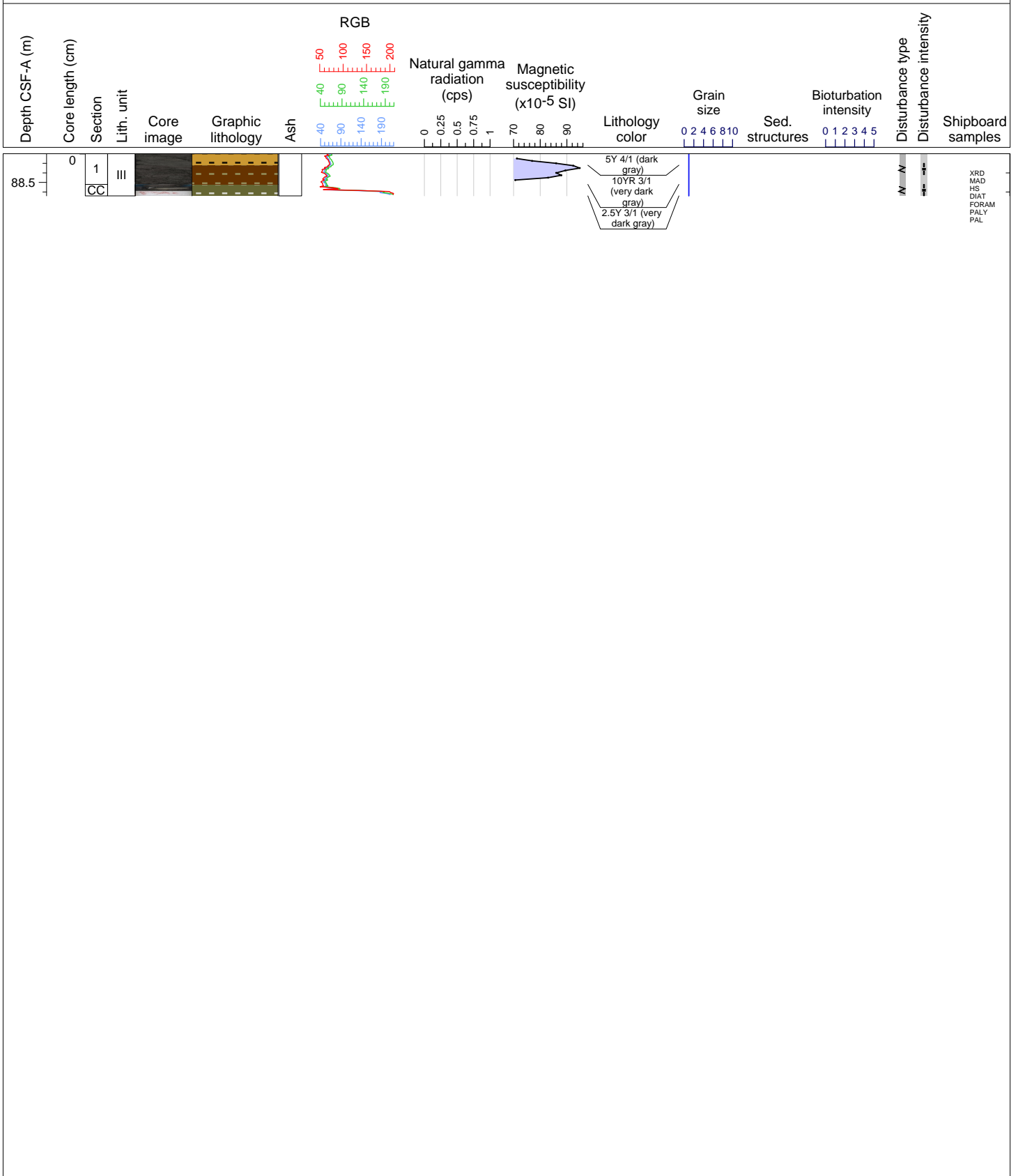
Hole 396-U1574A Core 9R, Interval 78.4-79.52 m (CSF-A)

Core 9 consists of dark gray (2.5Y 4/1) CLAYSTONE with moderate bioturbation and trace pyrite, and very dark gray (2.5Y 3/1) SANDSTONE with clay, and organic-rich laminated black (2.5Y 5/1) CLAYSTONE. Calcite nodules are present at the top and the base of the core.



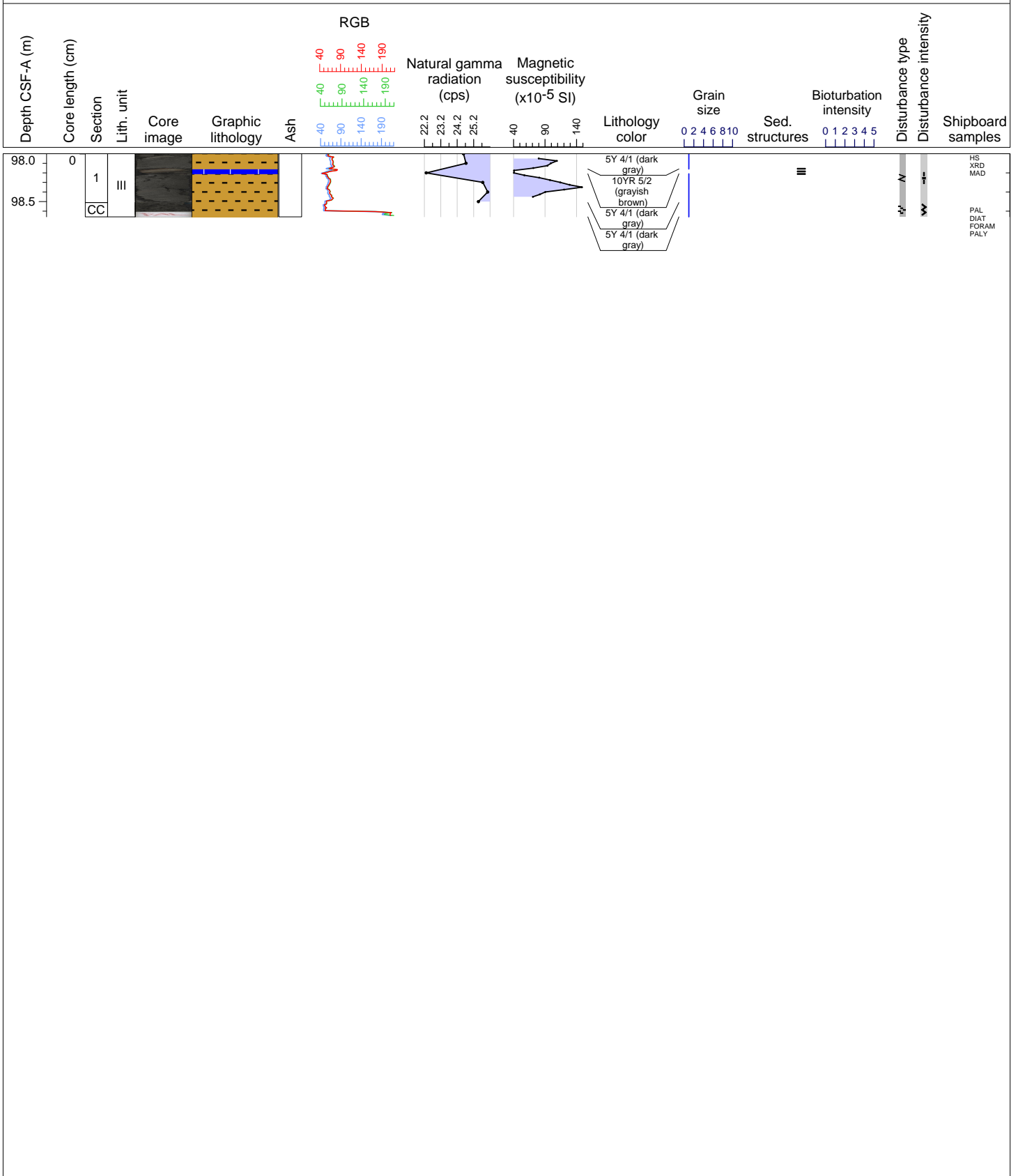
Hole 396-U1574A Core 10R, Interval 88.2-88.64 m (CSF-A)

Core 10 consists of dark gray (5Y 4/1) CLAYSTONE to very dark gray (10YR 3/1) organic-rich CLAYSTONE to very dark gray (2.5Y 3/1) nodule-rich CLAYSTONE with carbonate.



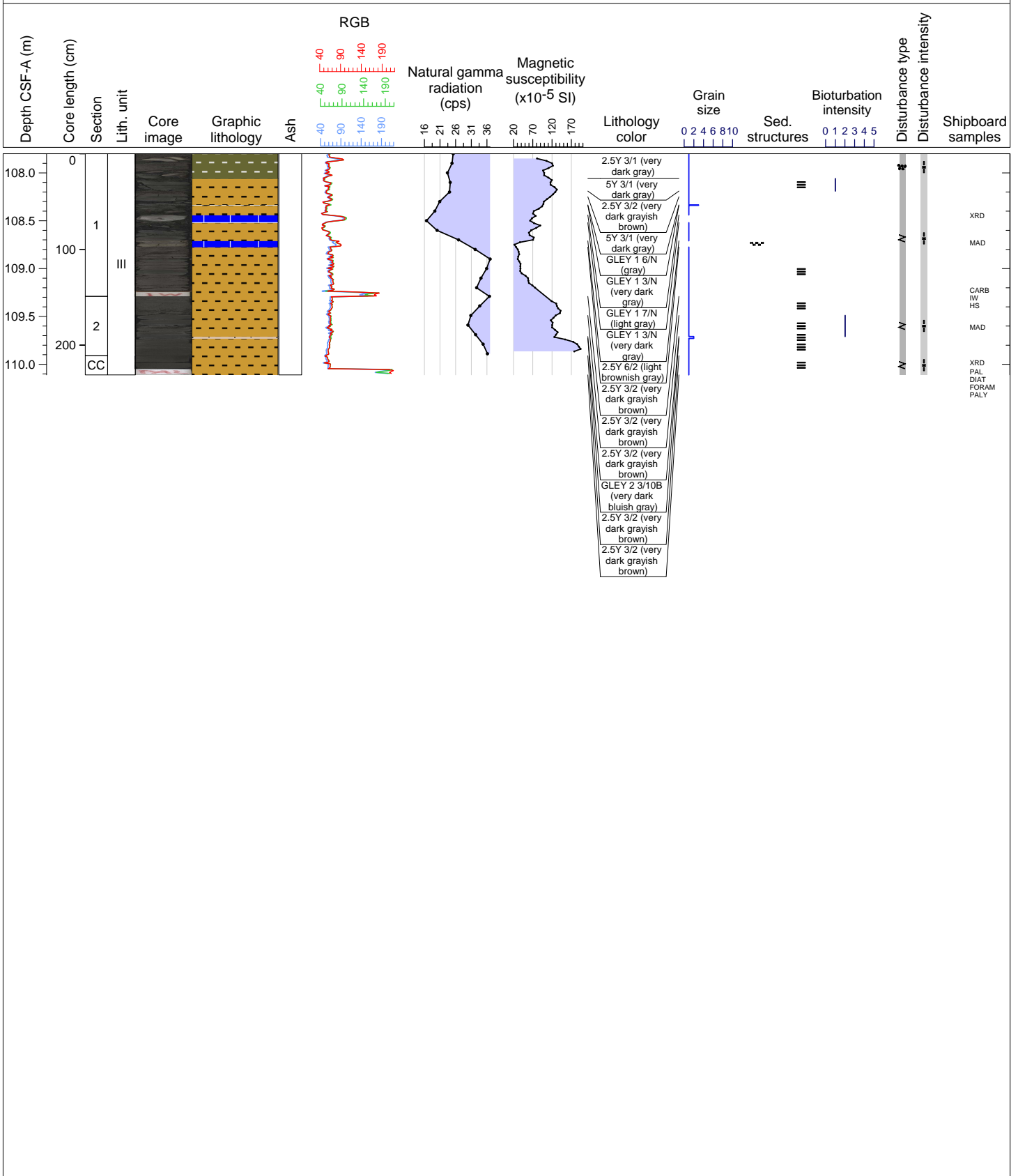
Hole 396-U1574A Core 11R, Interval 98.0-98.66 m (CSF-A)

Core 11 consists of dark gray (5Y 4/1) CLAYSTONE with silt and grayish brown (10YR 5/2) LMESTONE with parallel lamination.



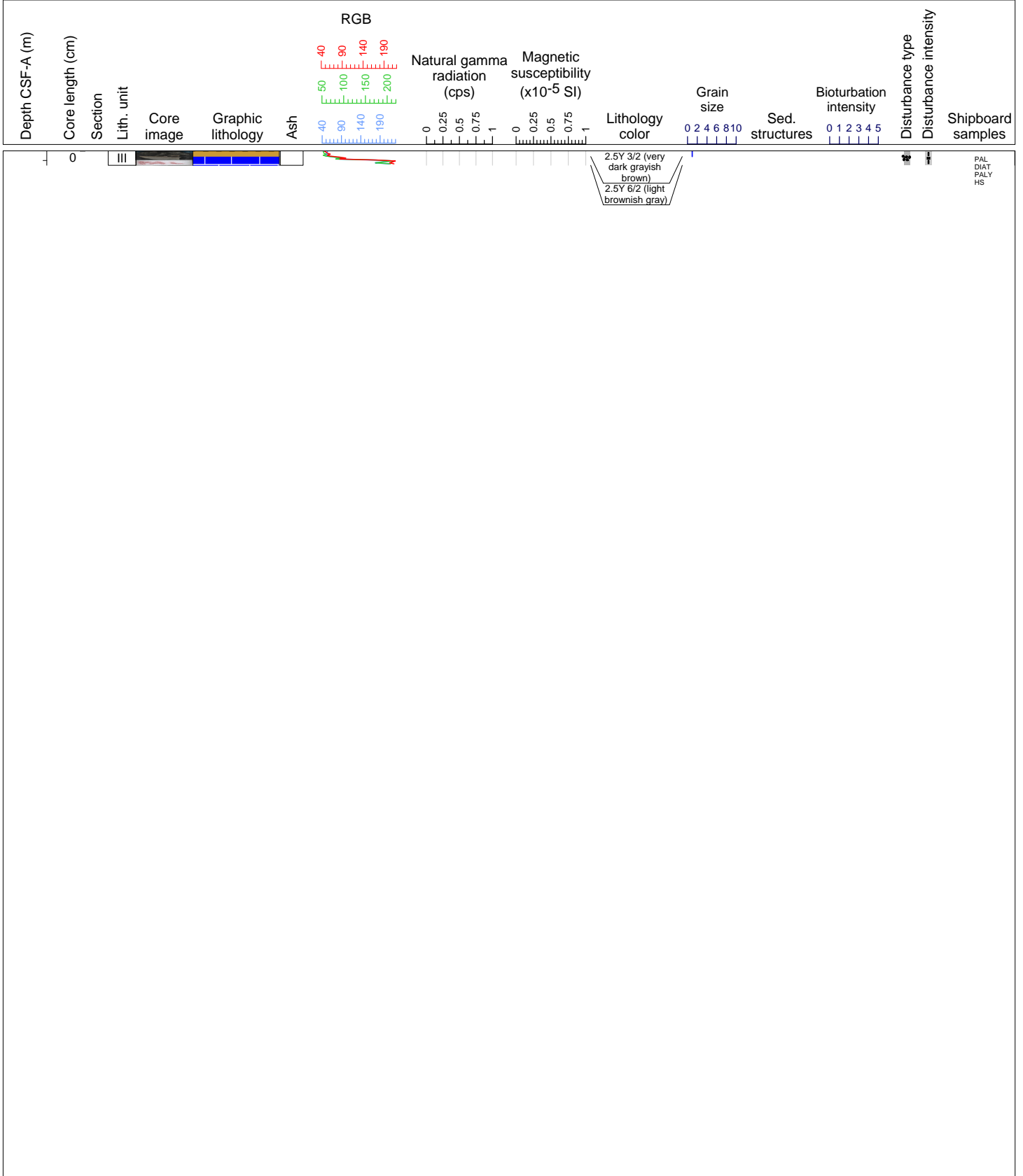
Hole 396-U1574A Core 12R, Interval 107.8-110.11 m (CSF-A)

Core 12 consists of very dark gray (2.5Y 3/1) nodule rich CLAYSTONE with carbonates, very dark gray (5Y 3/1) and very dark grayish brown (2.5Y 3/2) CLAYSTONE with silt, light gray (GLEY 1 7/N) LIMESTONE and very dark bluish gray (GLEY 2 3/10B) sand rich SILTSTONE. Parallel lamination is observed throughout and slight to moderate bioturbation locally.



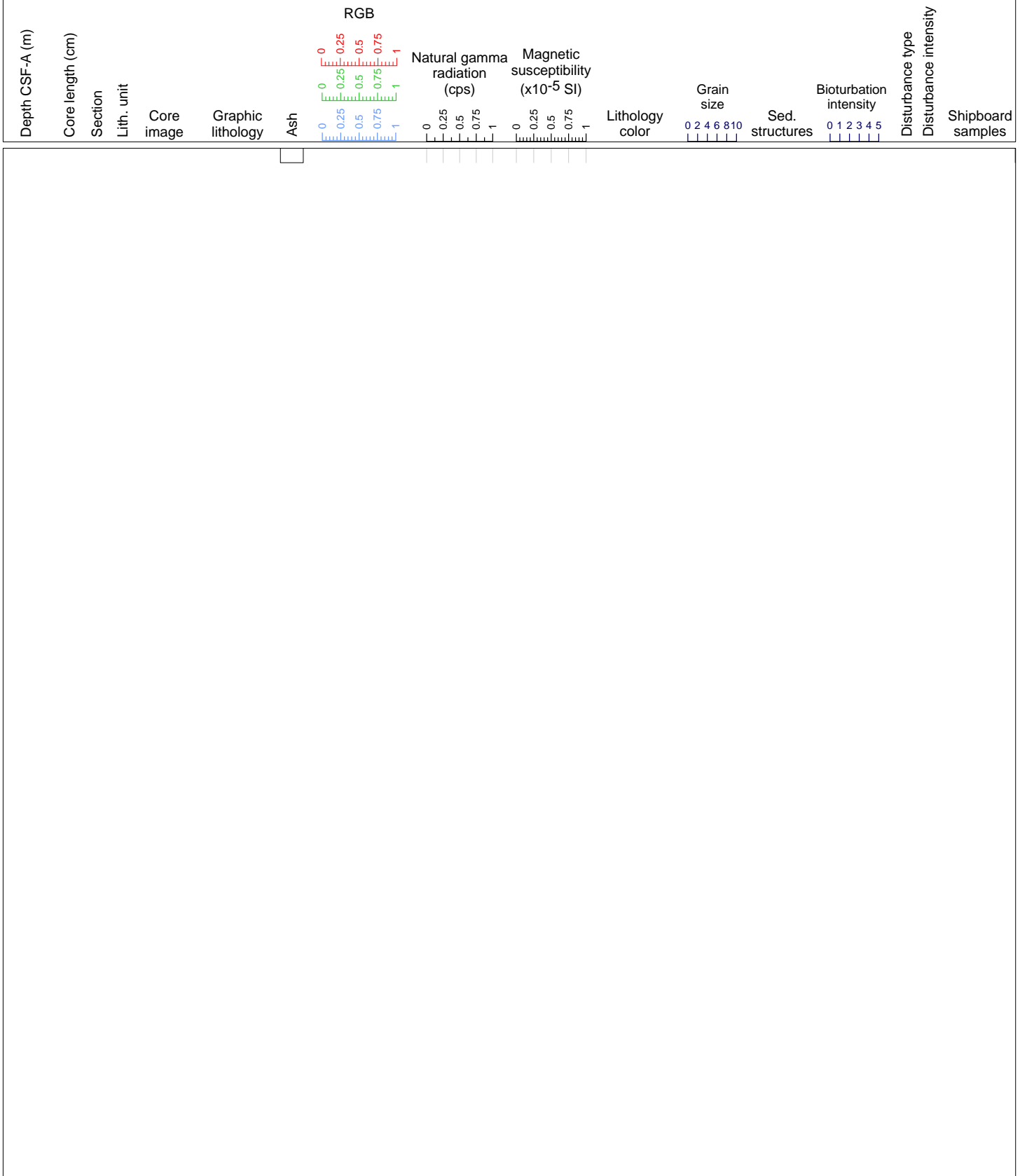
Hole 396-U1574A Core 13R, Interval 117.6-117.75 m (CSF-A)

Core 13 consists of very dark grayish brown (2.5Y 3/2) CLAYSTONE with silt and light brownish gray (2.5Y 6/2) LIMESTONE.



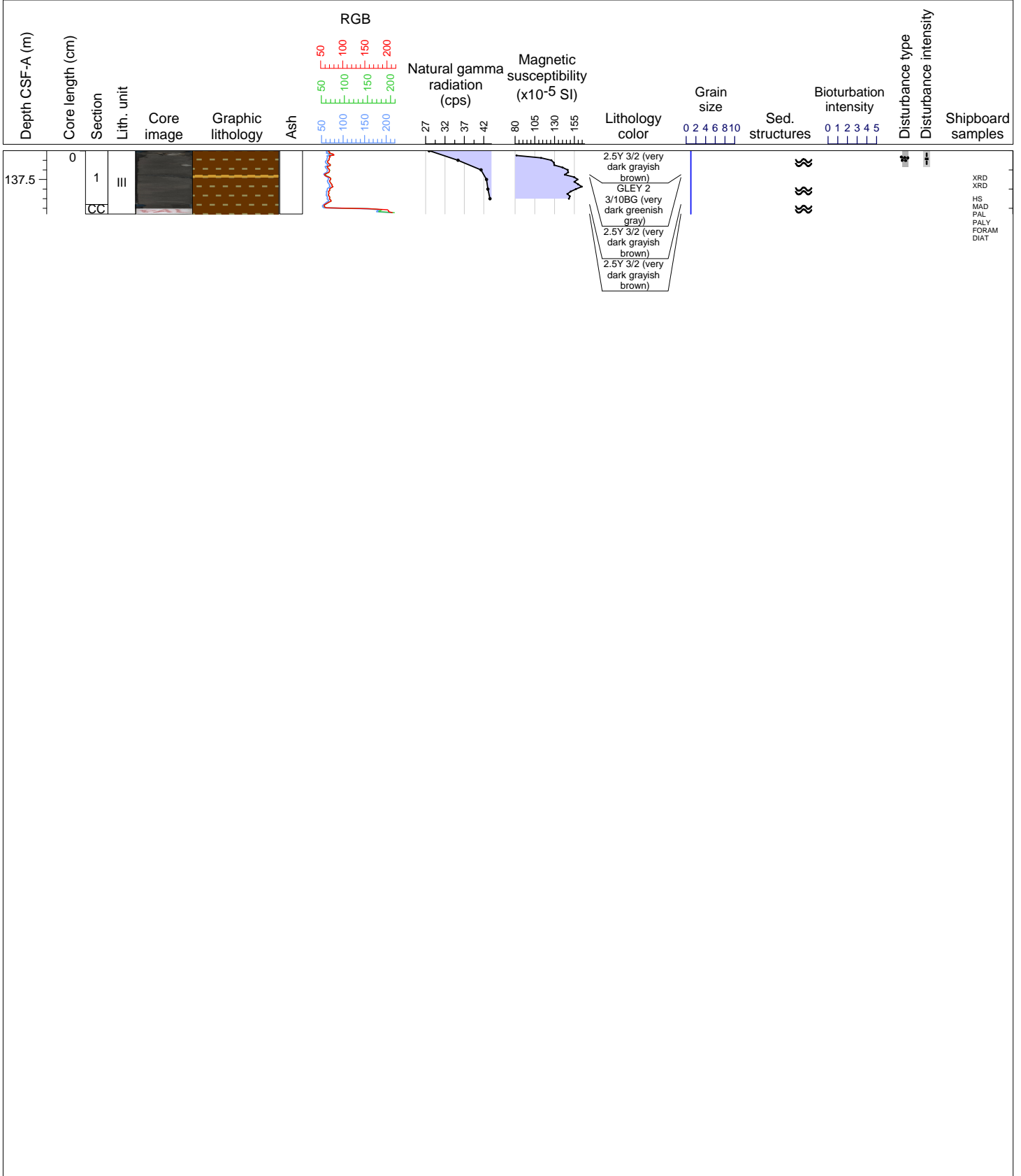
Hole 396-U1574A Core 14R, Interval 127.4-127.4 m (CSF-A)

NO RECOVERY



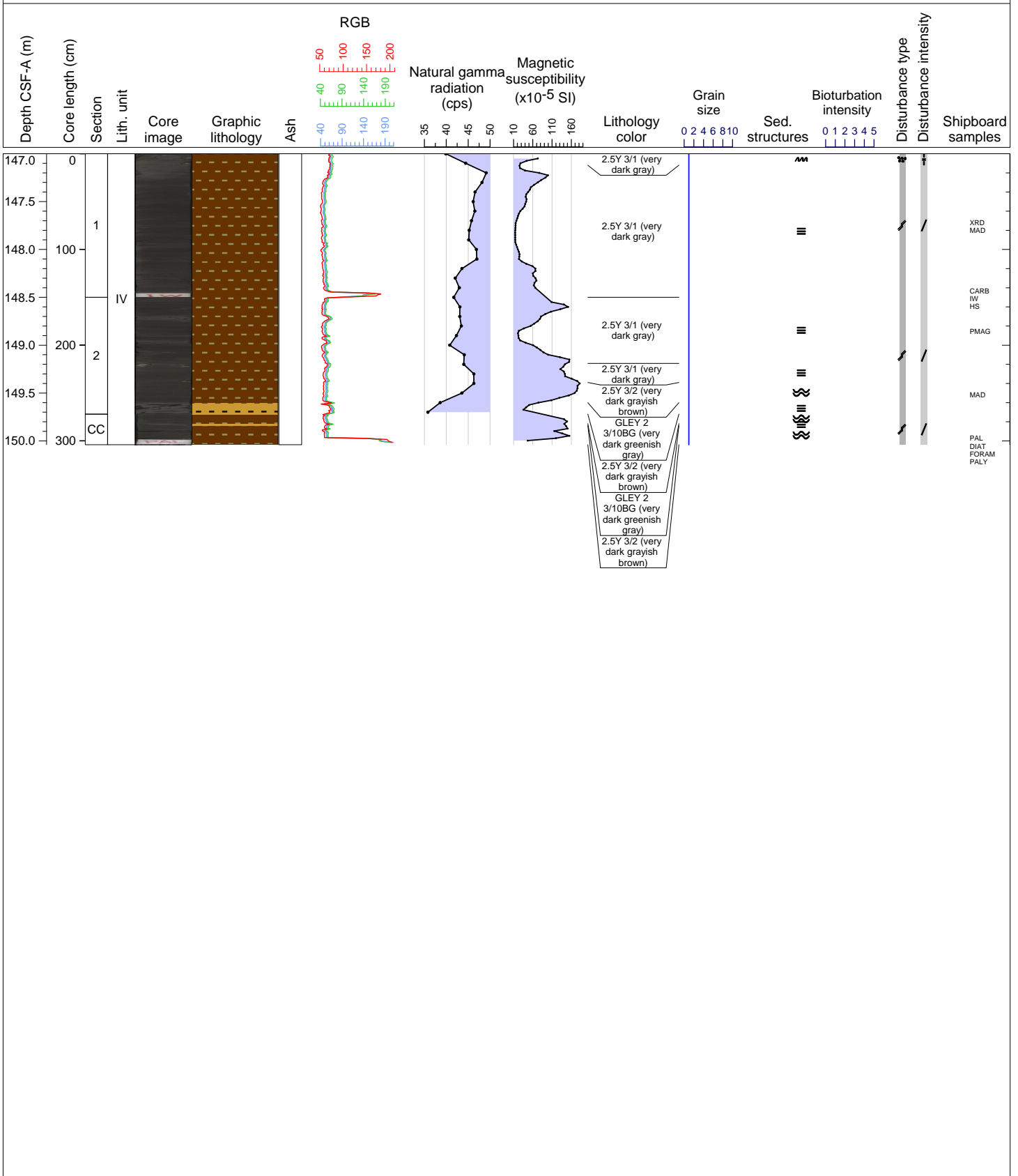
Hole 396-U1574A Core 15R, Interval 137.2-137.86 m (CSF-A)

Core 15 consists of very dark grayish brown (2.5Y 3/2) organic rich CLAYSTONE with silt and very dark greenish gray (GLEY 2 3/10BG) CLAYSTONE with silt. Wavy lamination is present locally.



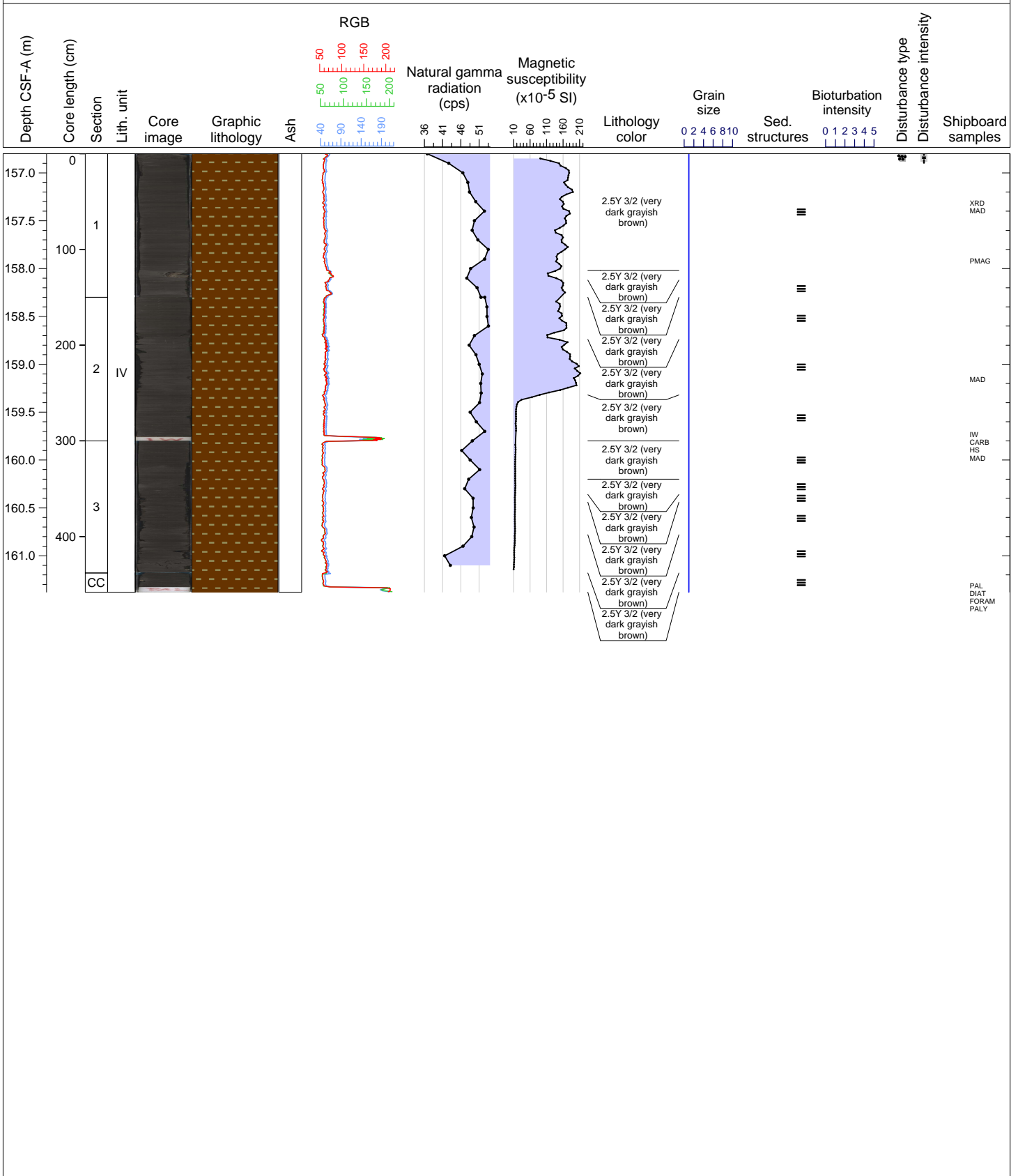
Hole 396-U1574A Core 16R, Interval 147.0-150.04 m (CSF-A)

Core 16 consists of very dark gray (2.5Y 3/1) organic rich CLAYSTONE with silt. Locally nodules are observed. Short intervals of very dark greenish gray (GLEY 2 3/10BG) CLAYSTONE with sand are present. Parallel lamination is also observed throughout.



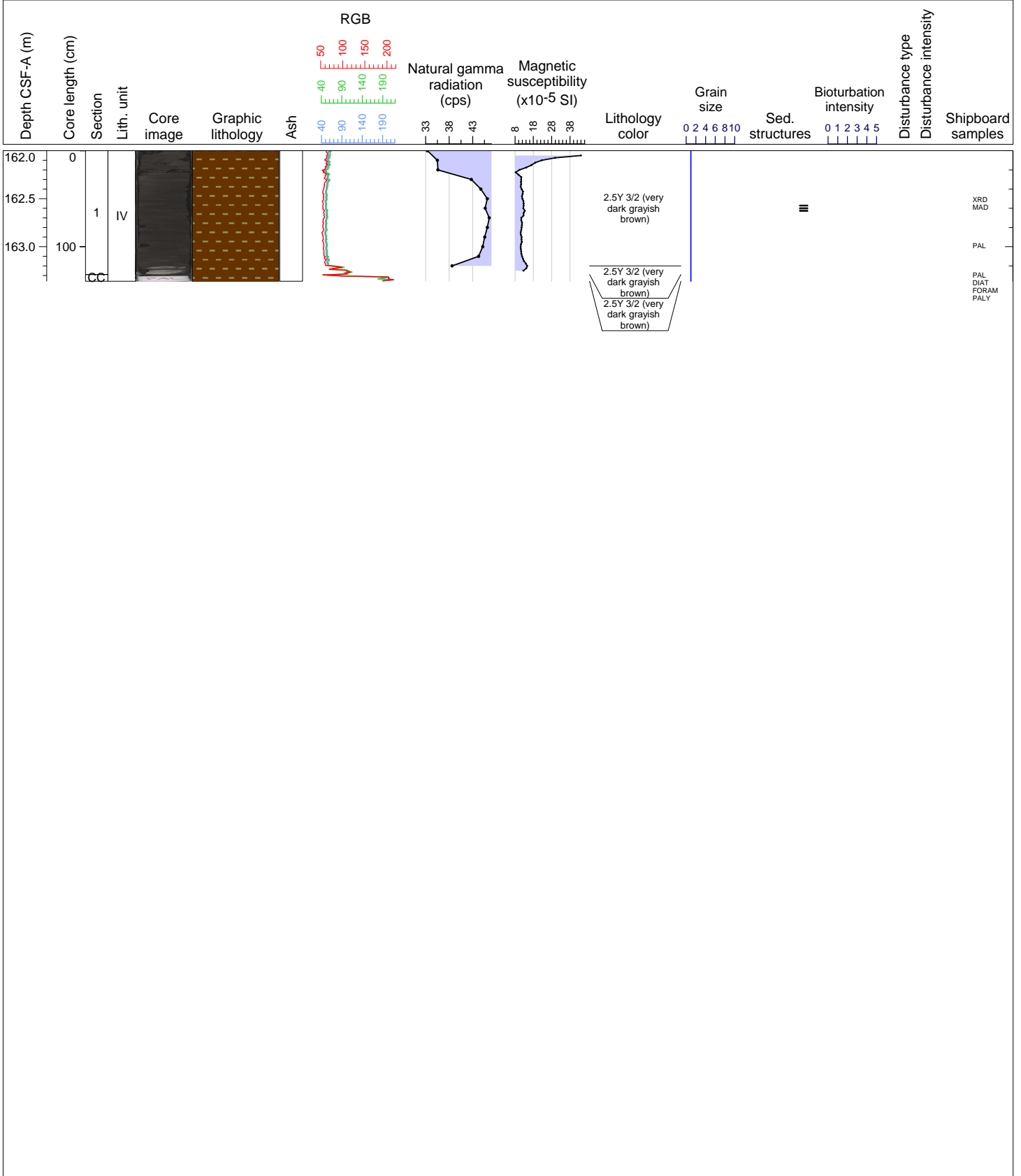
Hole 396-U1574A Core 17R, Interval 156.8-161.38 m (CSF-A)

Core 17 consists of very dark grayish brown (2.5Y 3/2) organic-rich CLAYSTONE with parallel lamination.



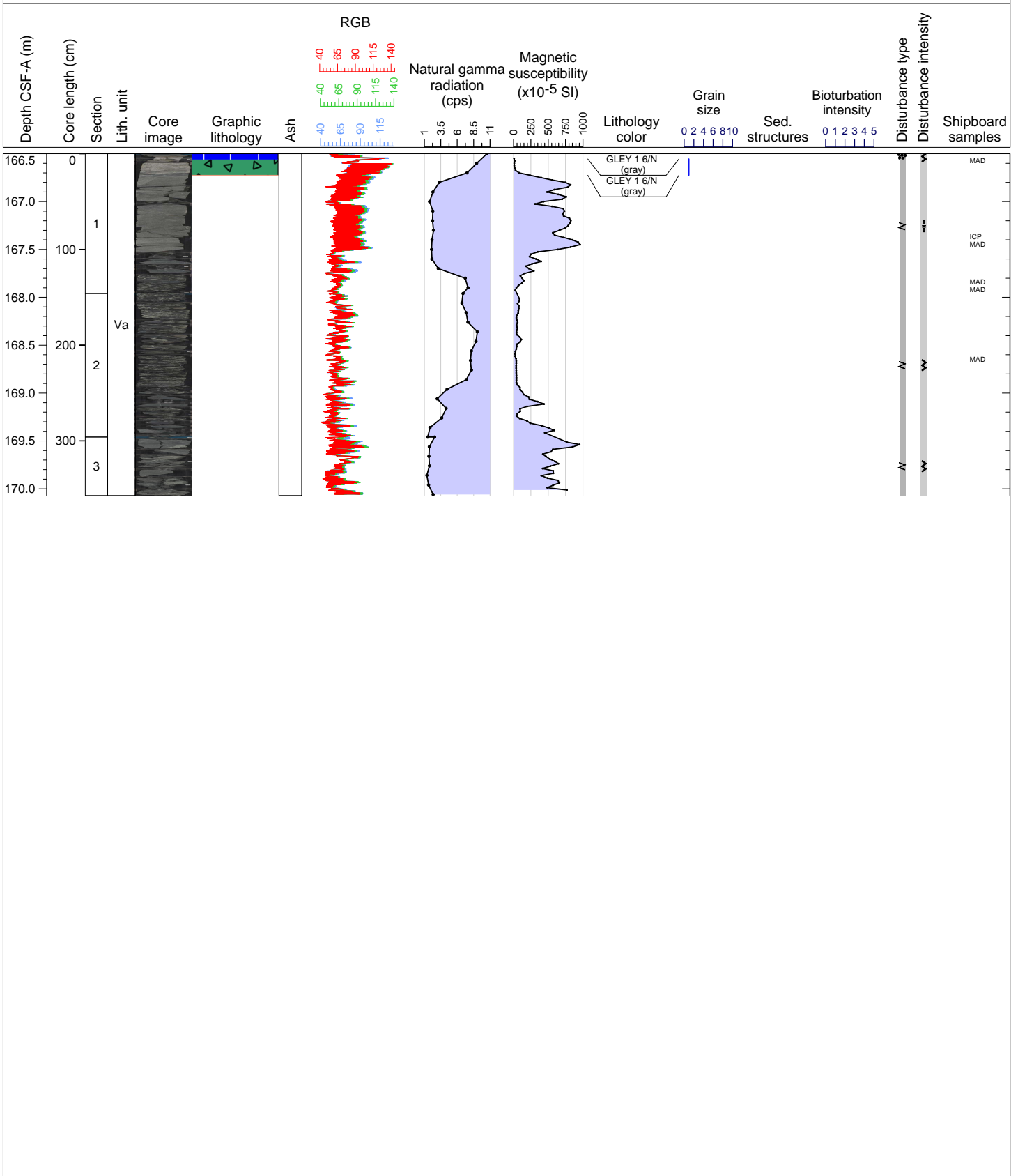
Hole 396-U1574A Core 18R, Interval 162.0-163.36 m (CSF-A)

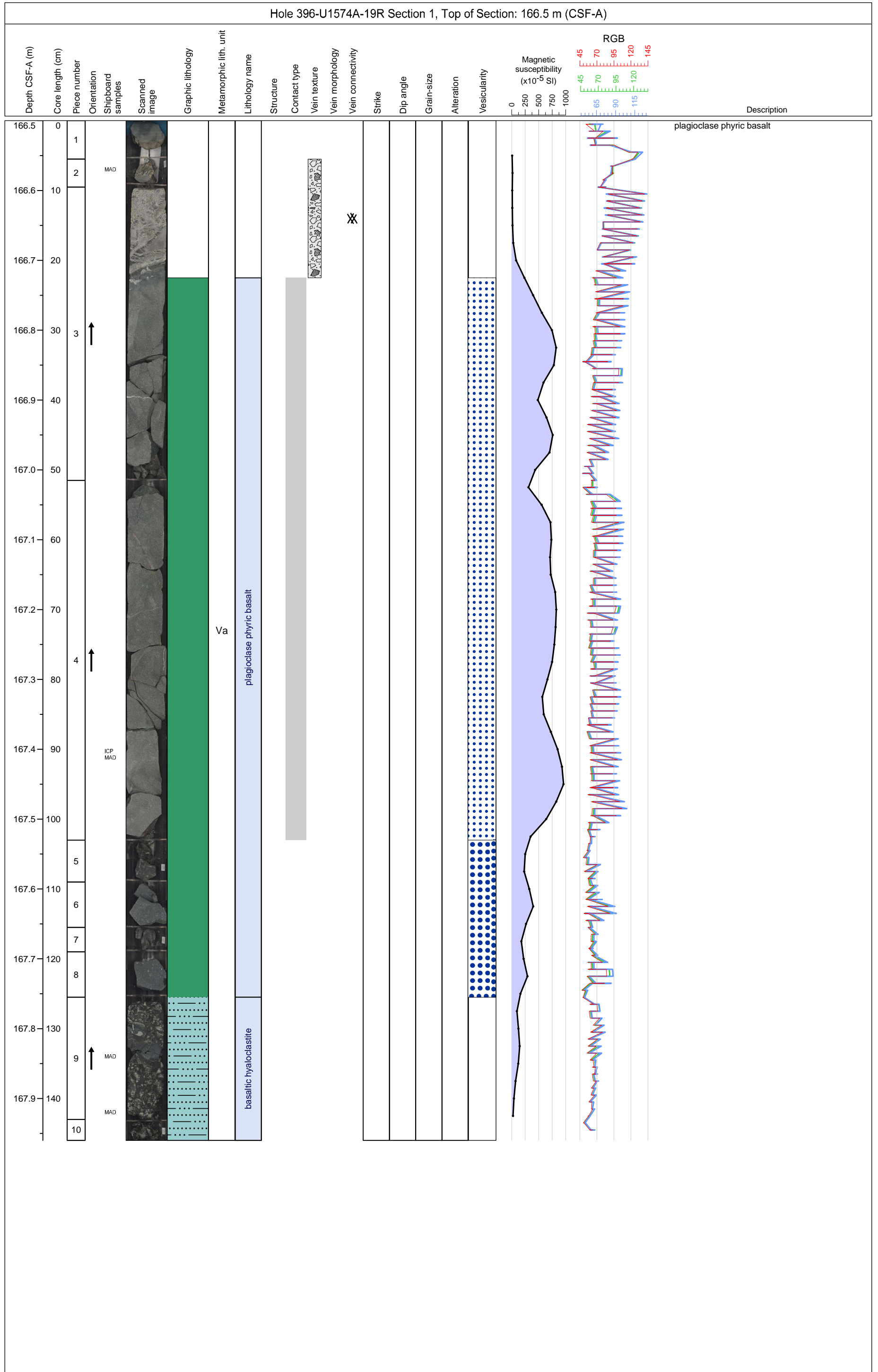
Core 18 consists of very dark grayish brown (2.5Y 3/2) organic-rich CLAYSTONE with parallel lamination. Trace nodule is present at the bottom of the hole.

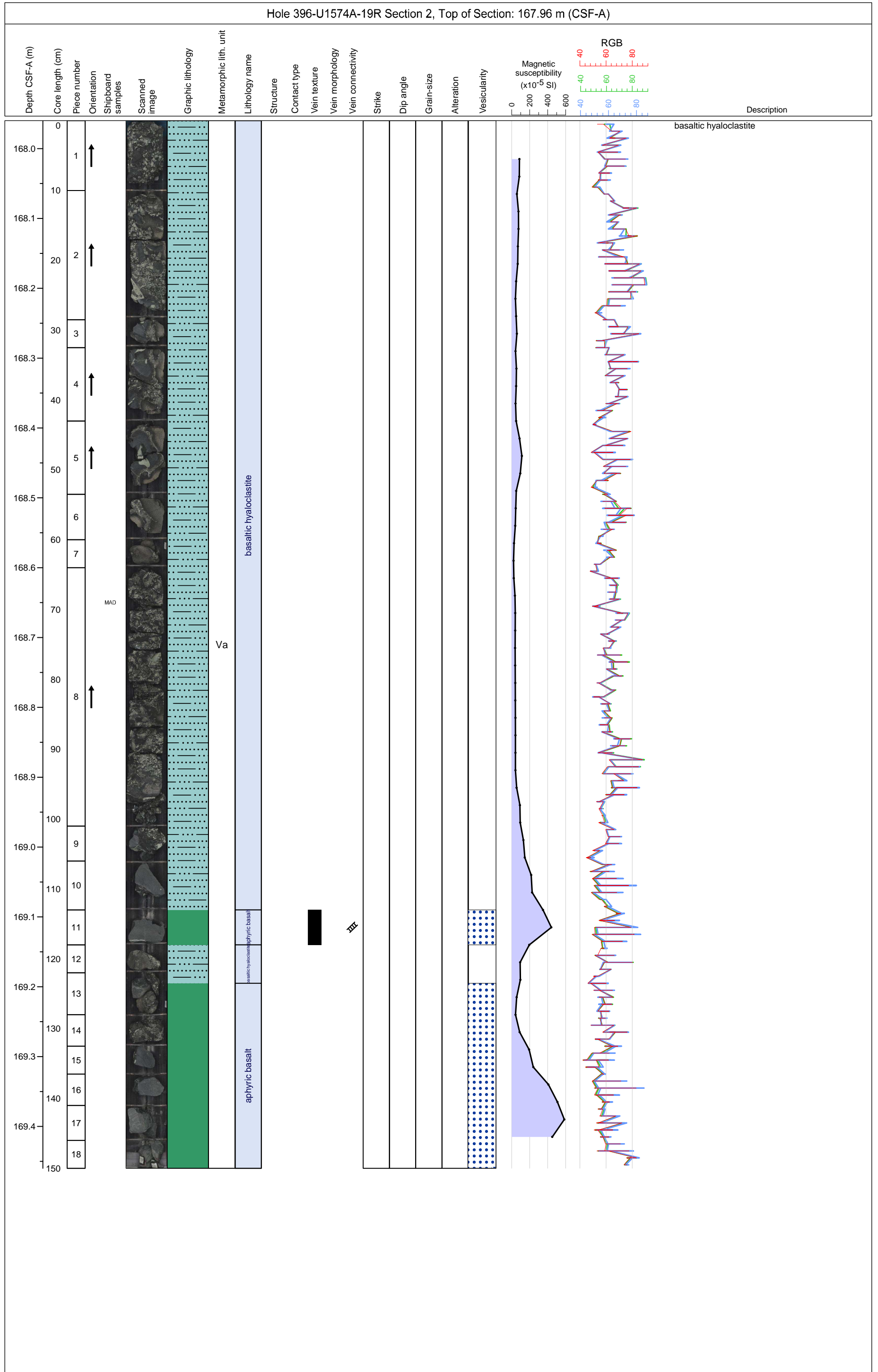


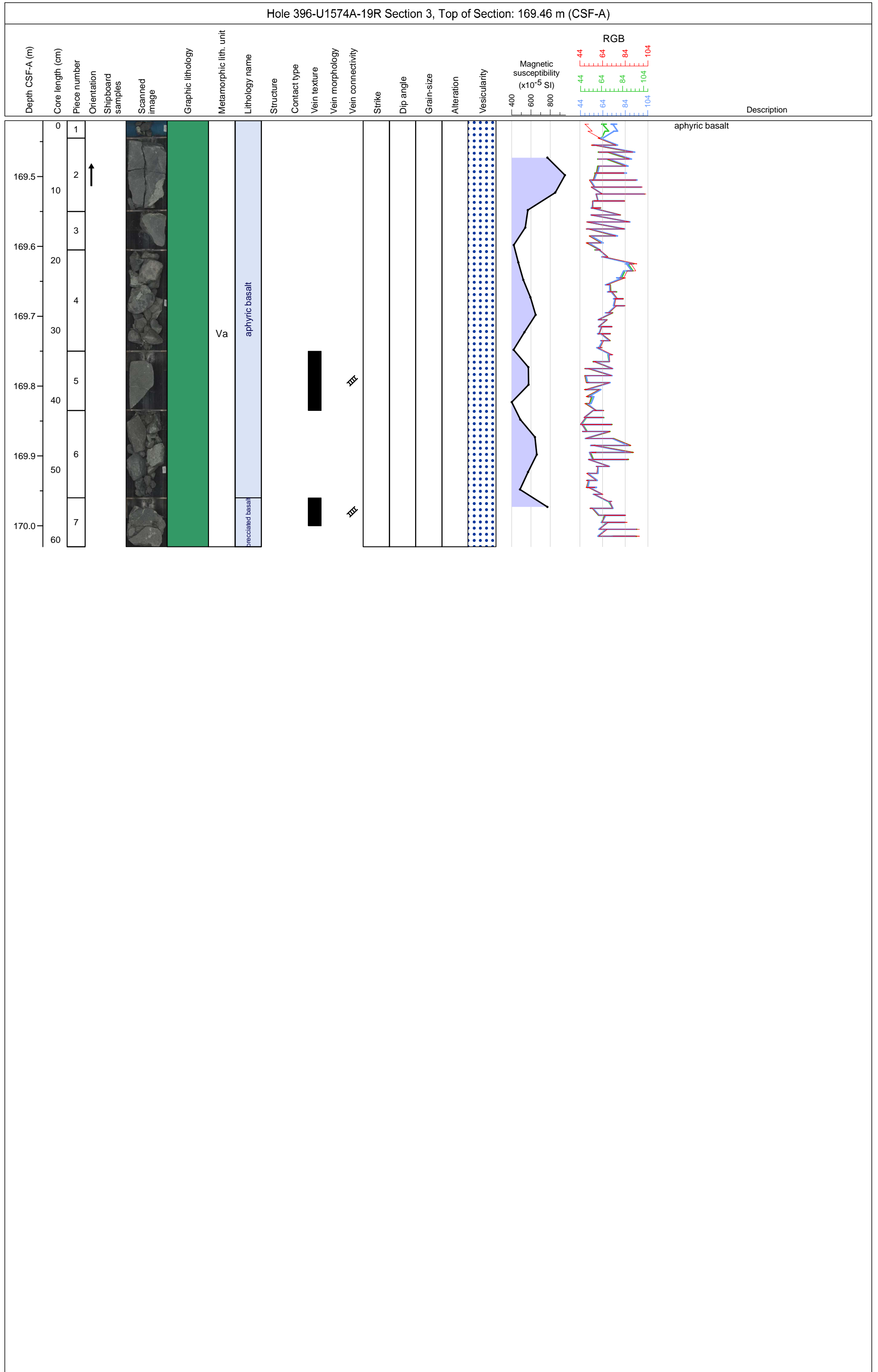
Hole 396-U1574A Core 19R, Interval 166.5-170.07 m (CSF-A)

Core 19 consists of gray (GLEY 1 6/N) meta BRECCIA with carbonate, gray (GLEY 1 5/N) to dark gray (GLEY 1 4/N) plagioclase phyric BASALT and black (GLEY 1 2.5/N) brecciated basaltic HYALOCLASTITE. Gray (GLEY 1 6/N) limestone at the top is likely from fall-in drilling disturbance.



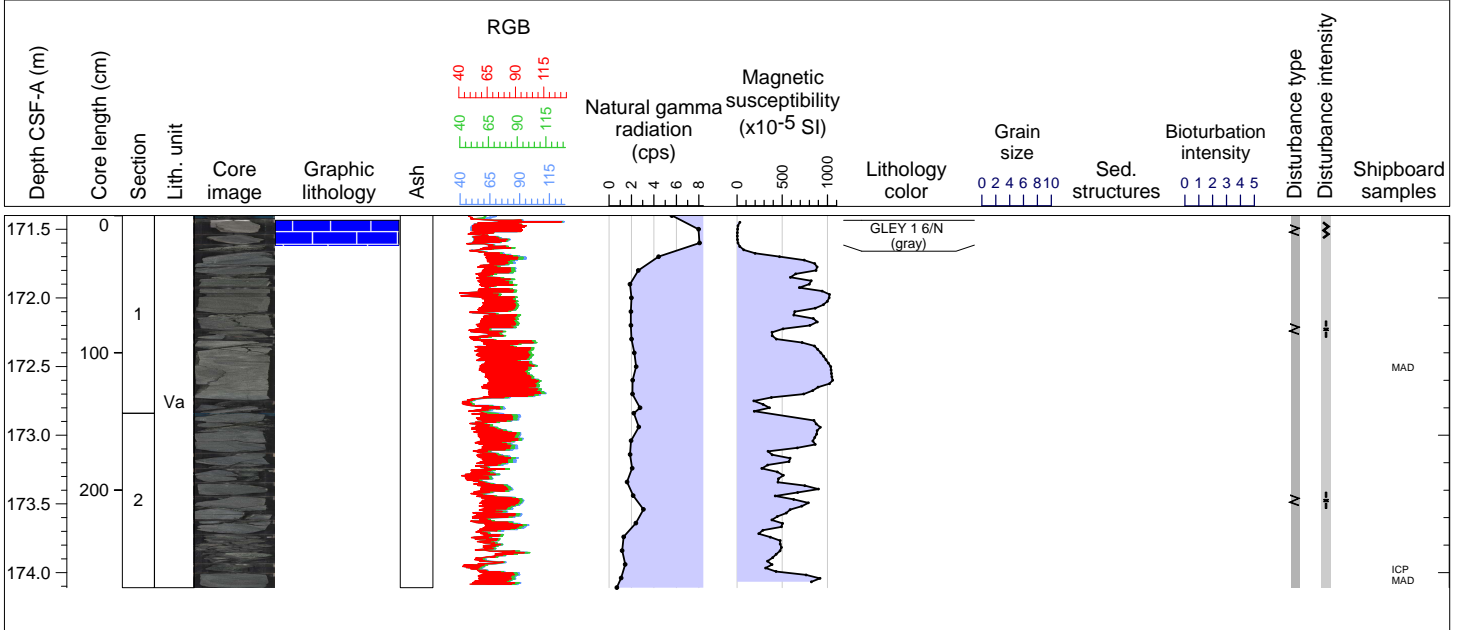


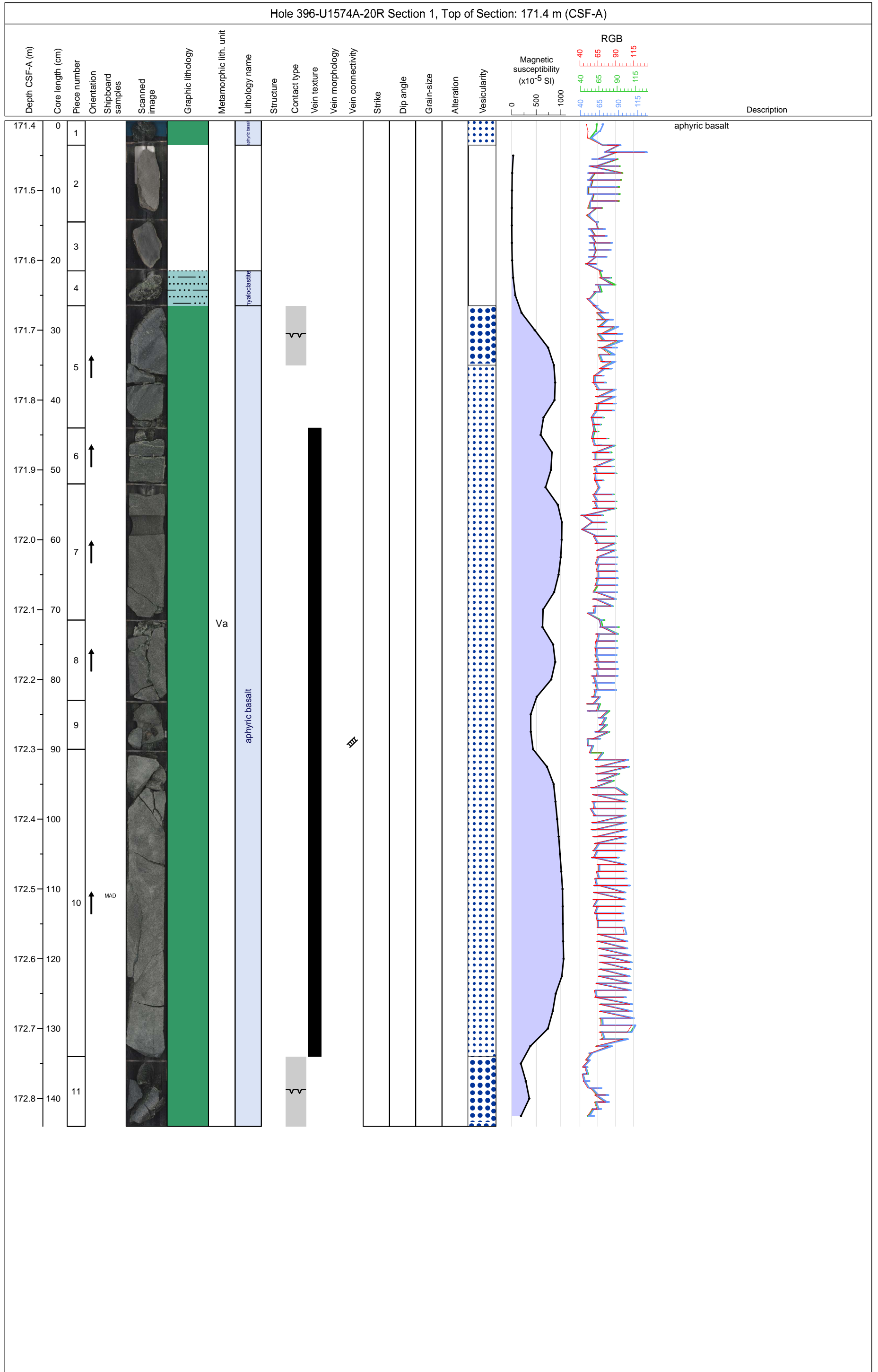


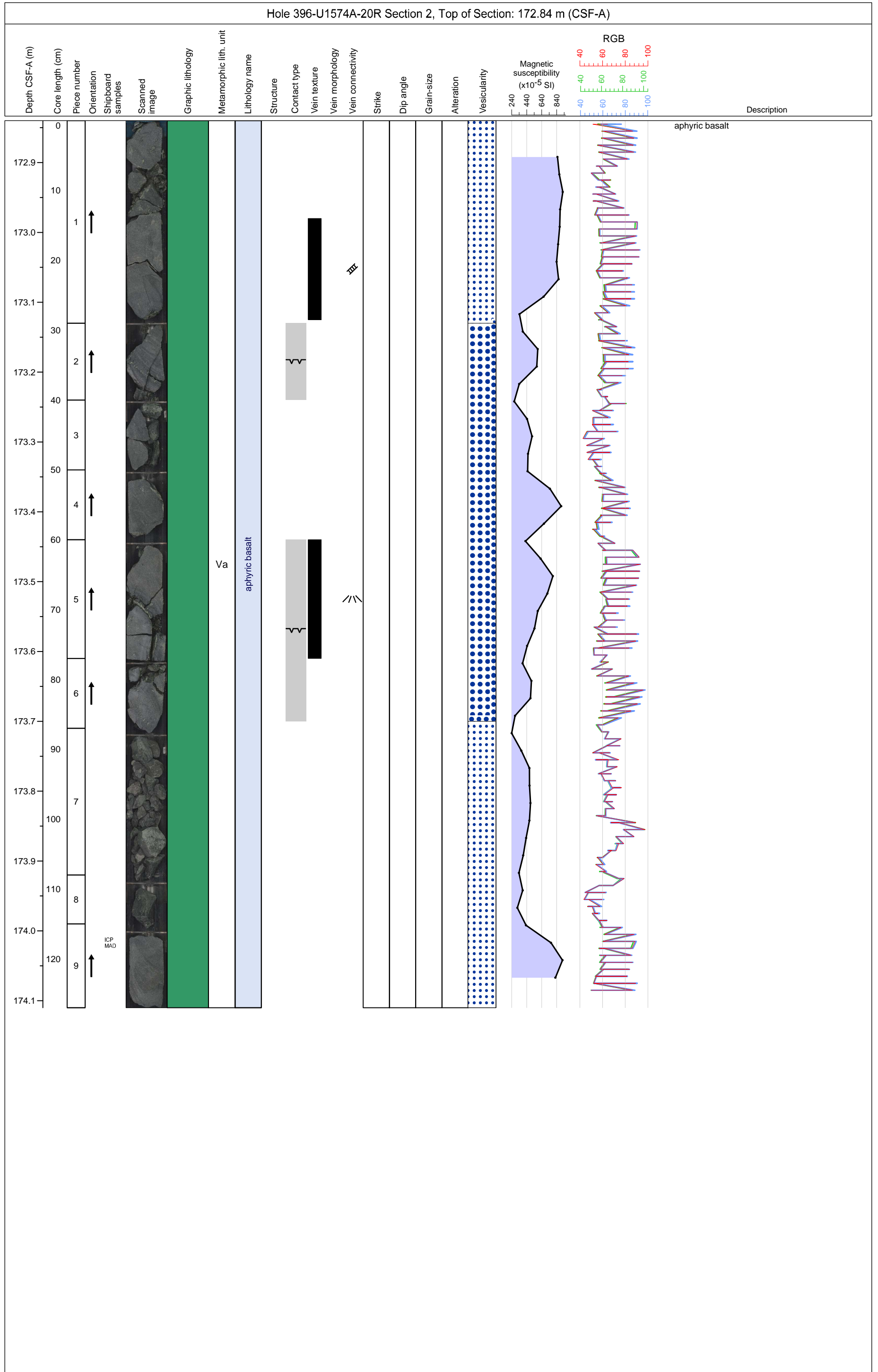


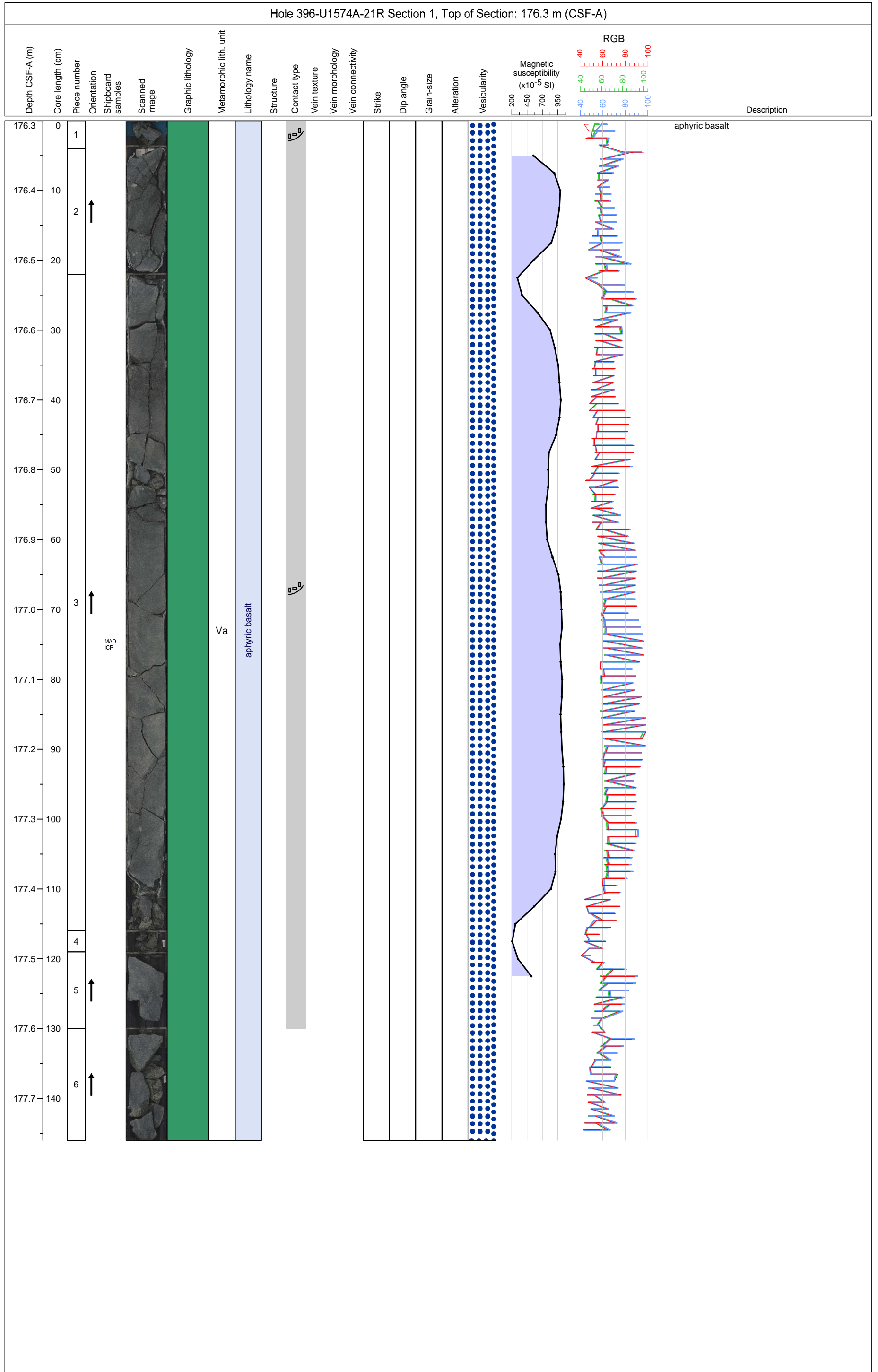
Hole 396-U1574A Core 20R, Interval 171.4-174.11 m (CSF-A)

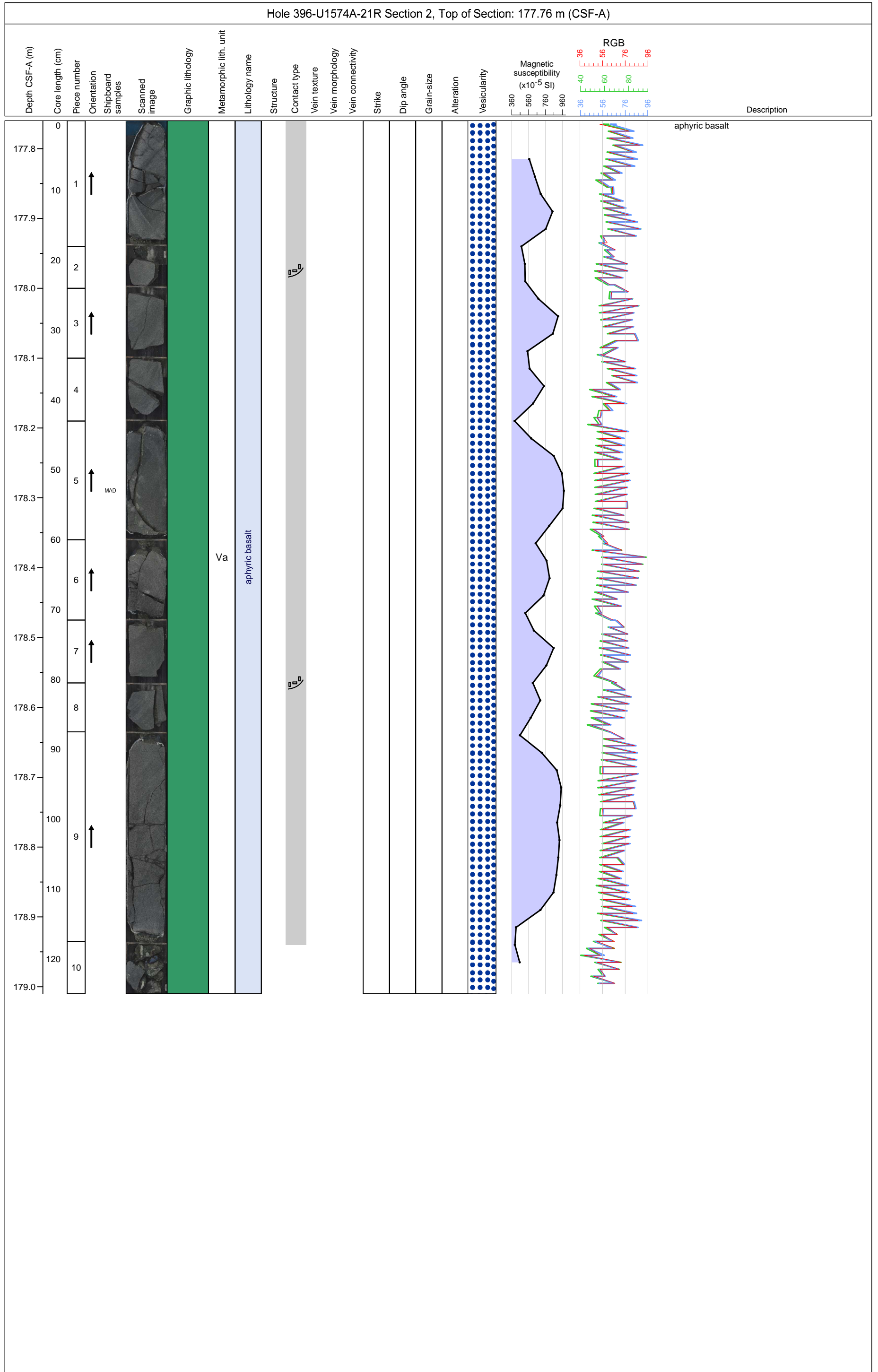
Core 20 consists of black (GLEY 1 2.5/N) aphyric BASALT and HYALOCLASTITE, and dark gray (GLEY 1 4/N) aphyric pillow BASALT with chilled margin, with variable thickness and vesicularity. A piece of gray (GLEY 1 6/N) LIMESTONE close to the top of the core is likely from fall-in drilling disturbance.

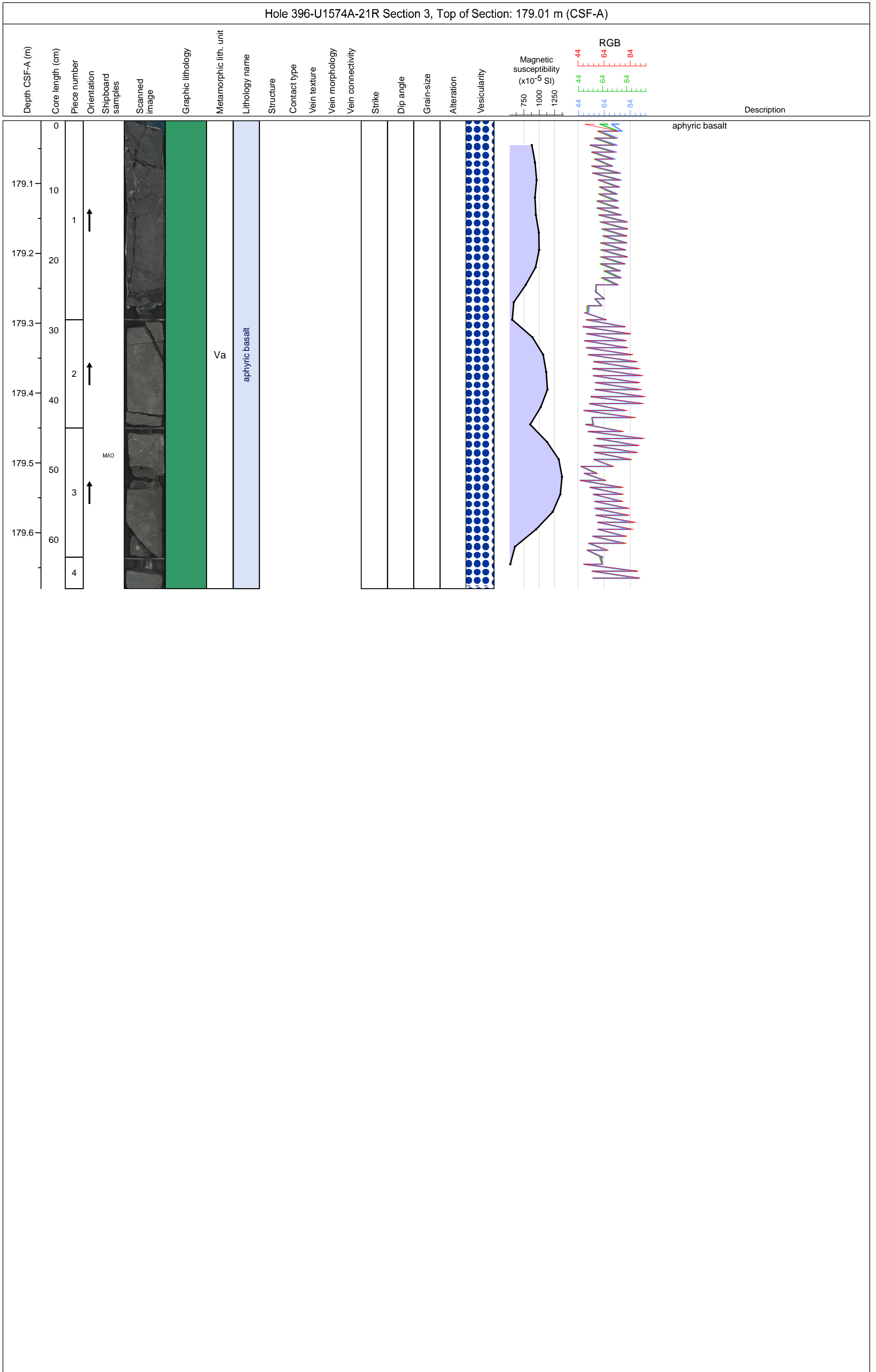


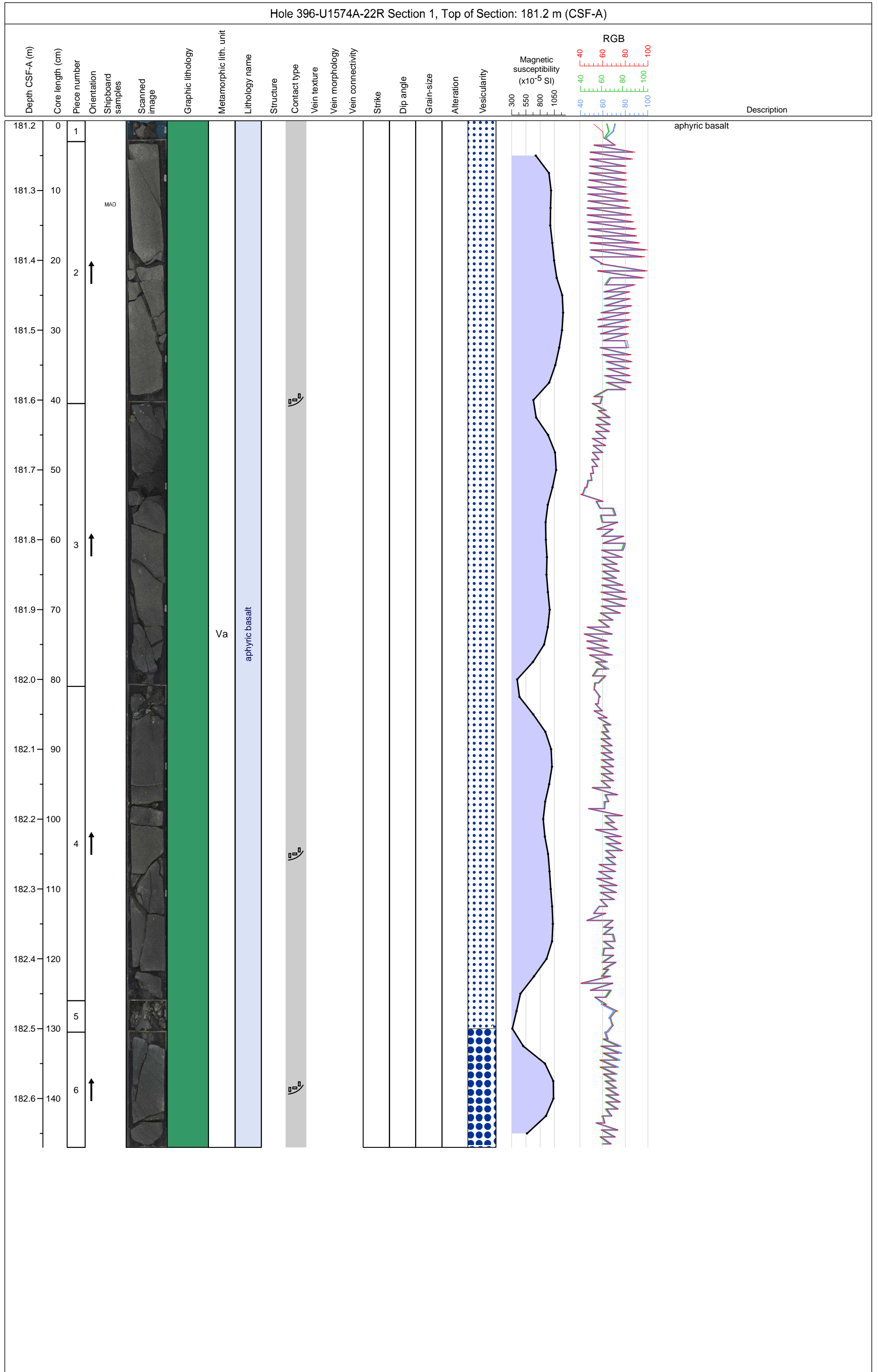


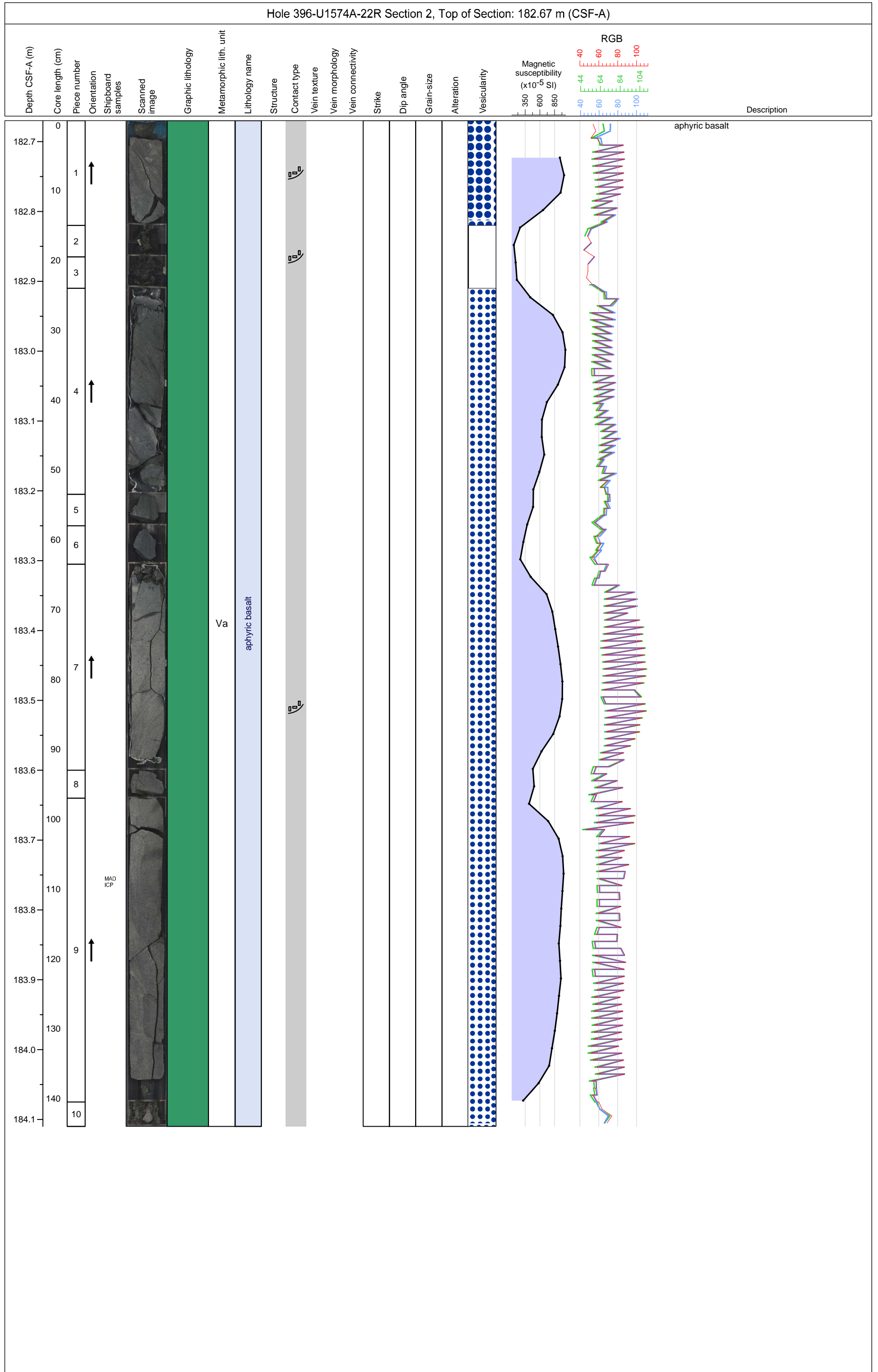


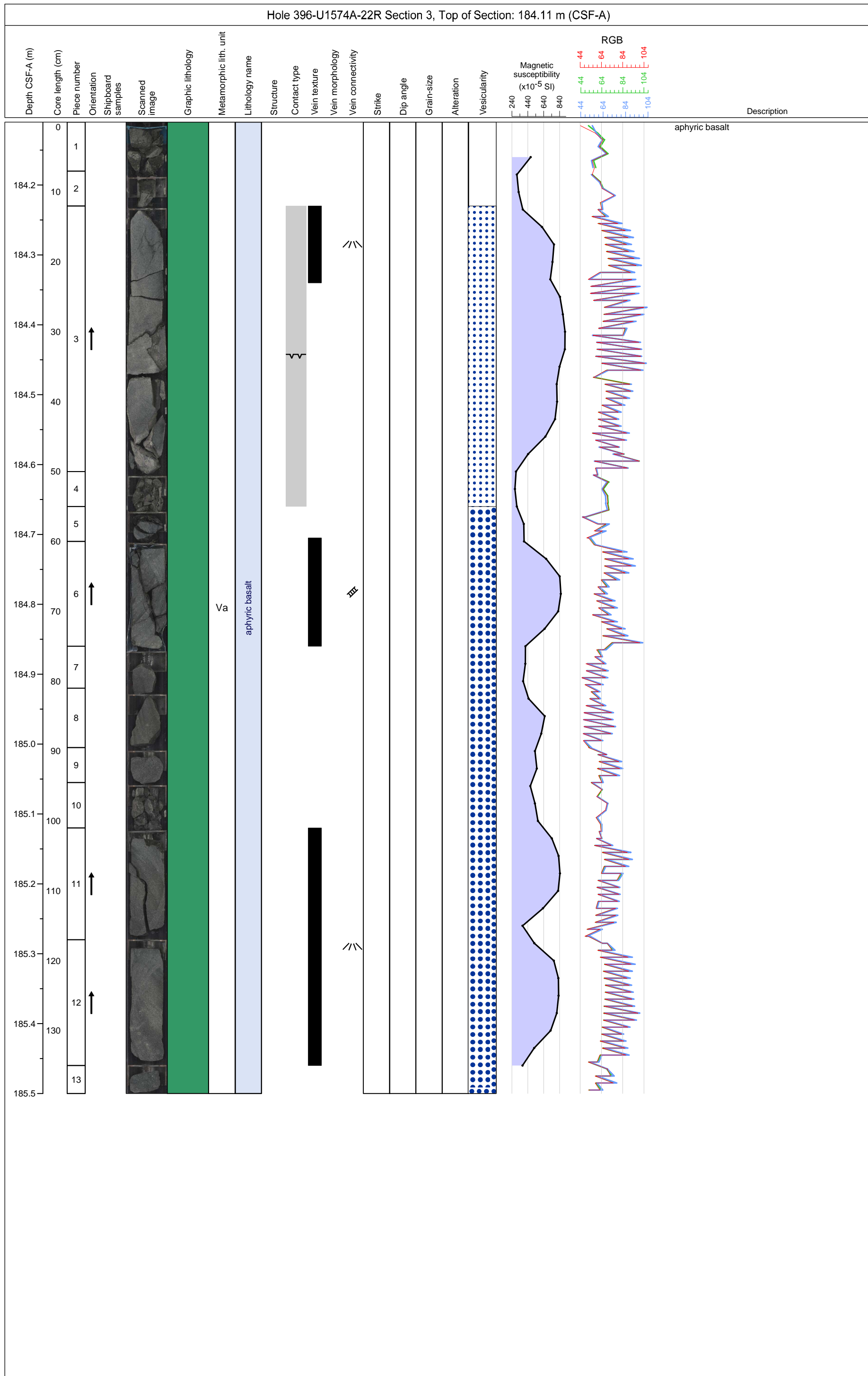


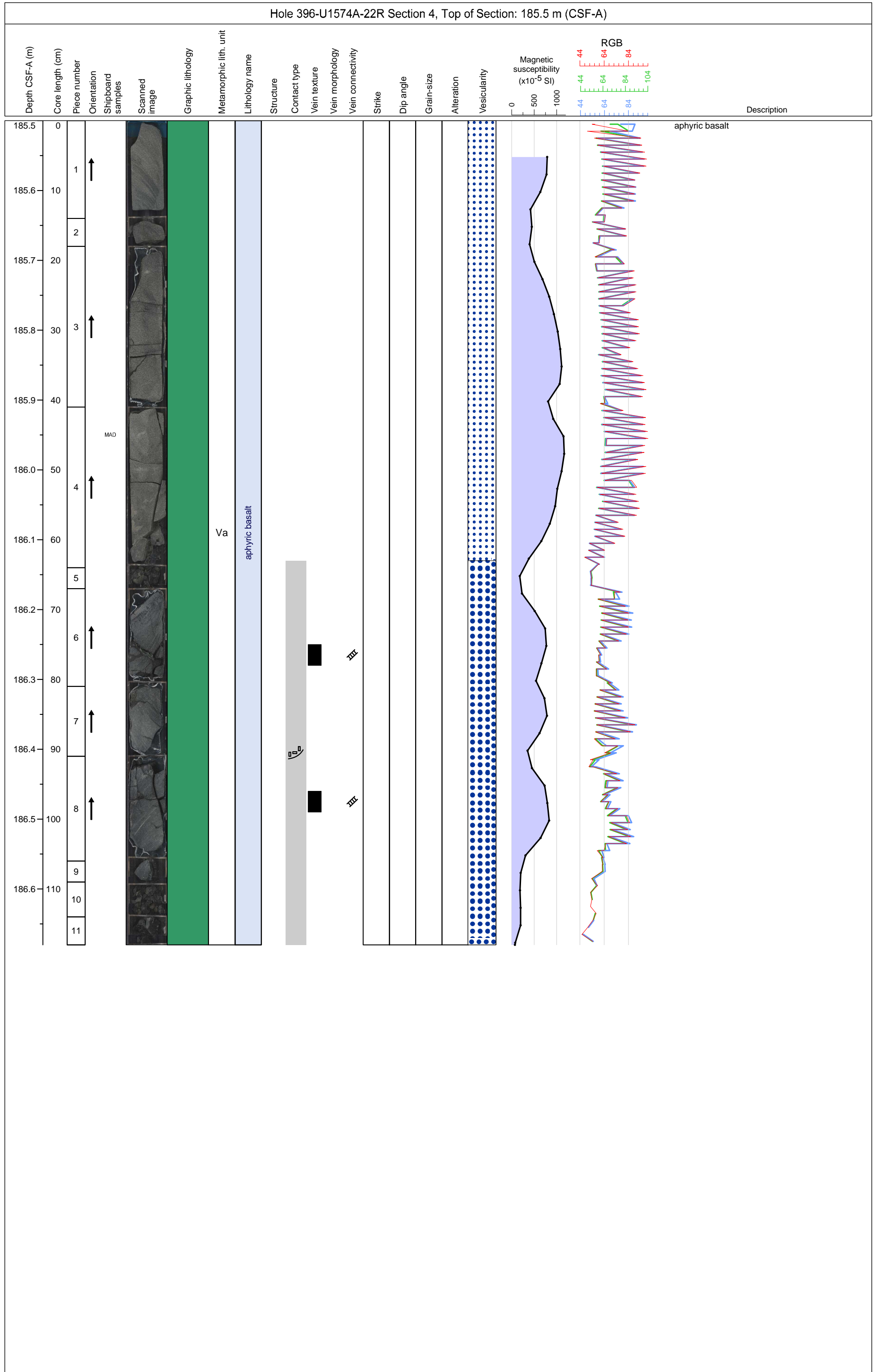






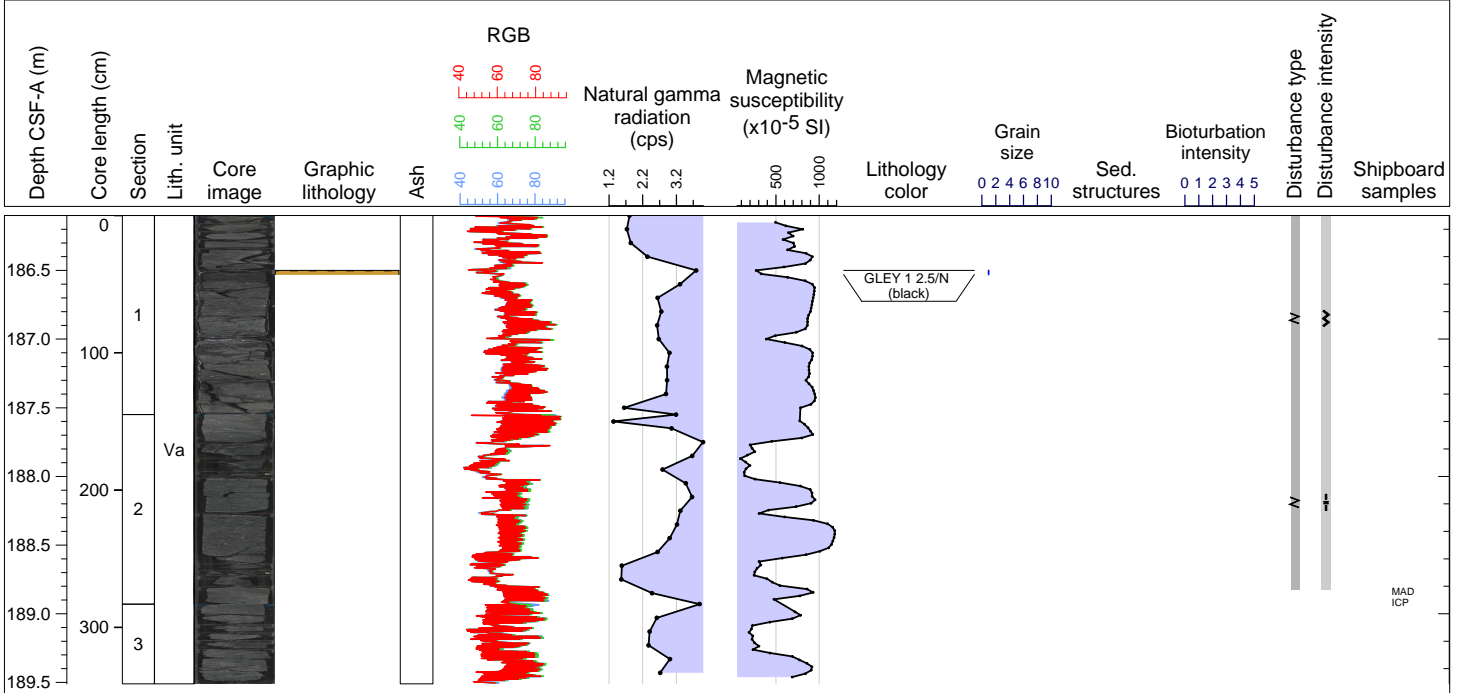


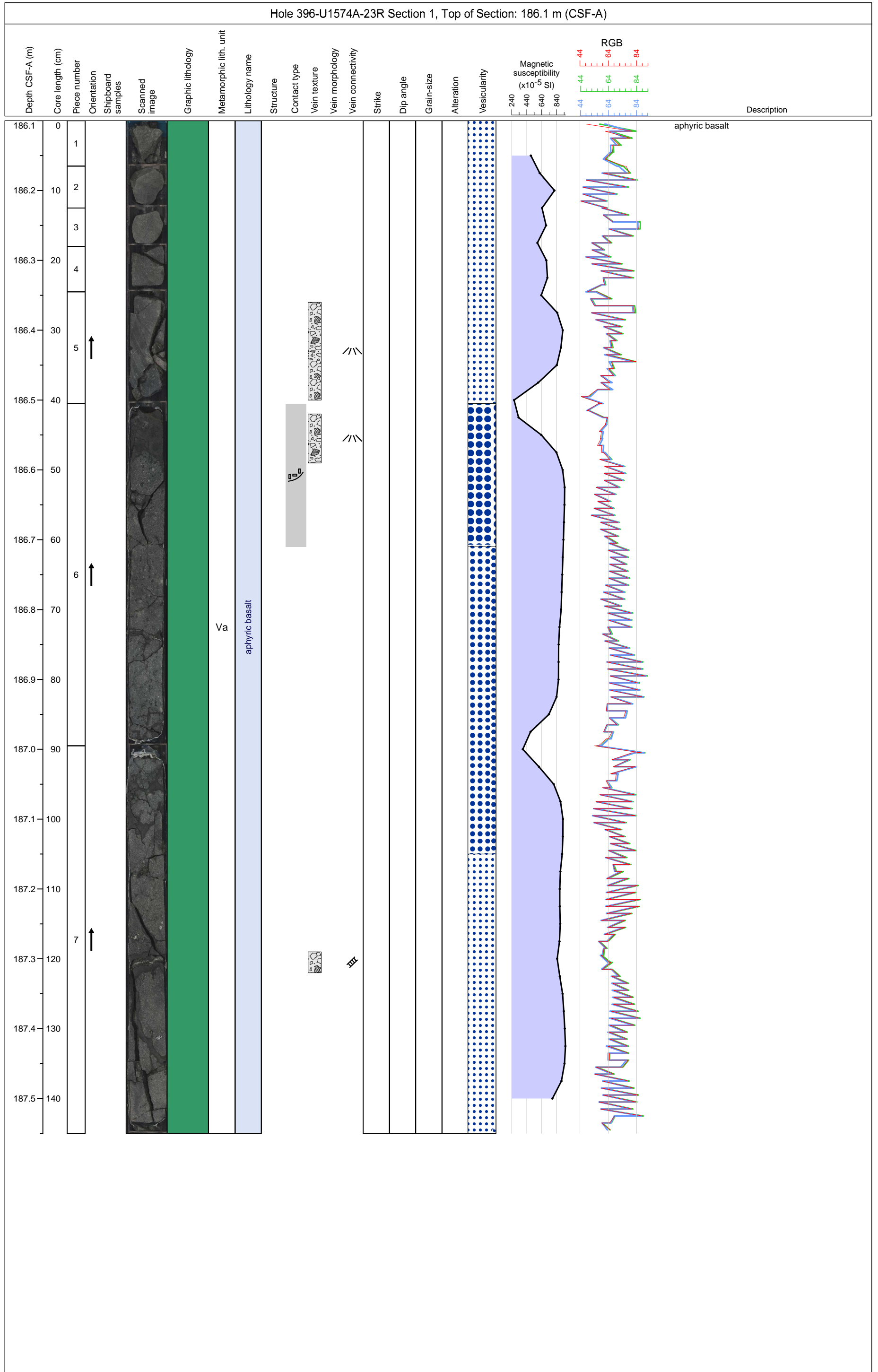




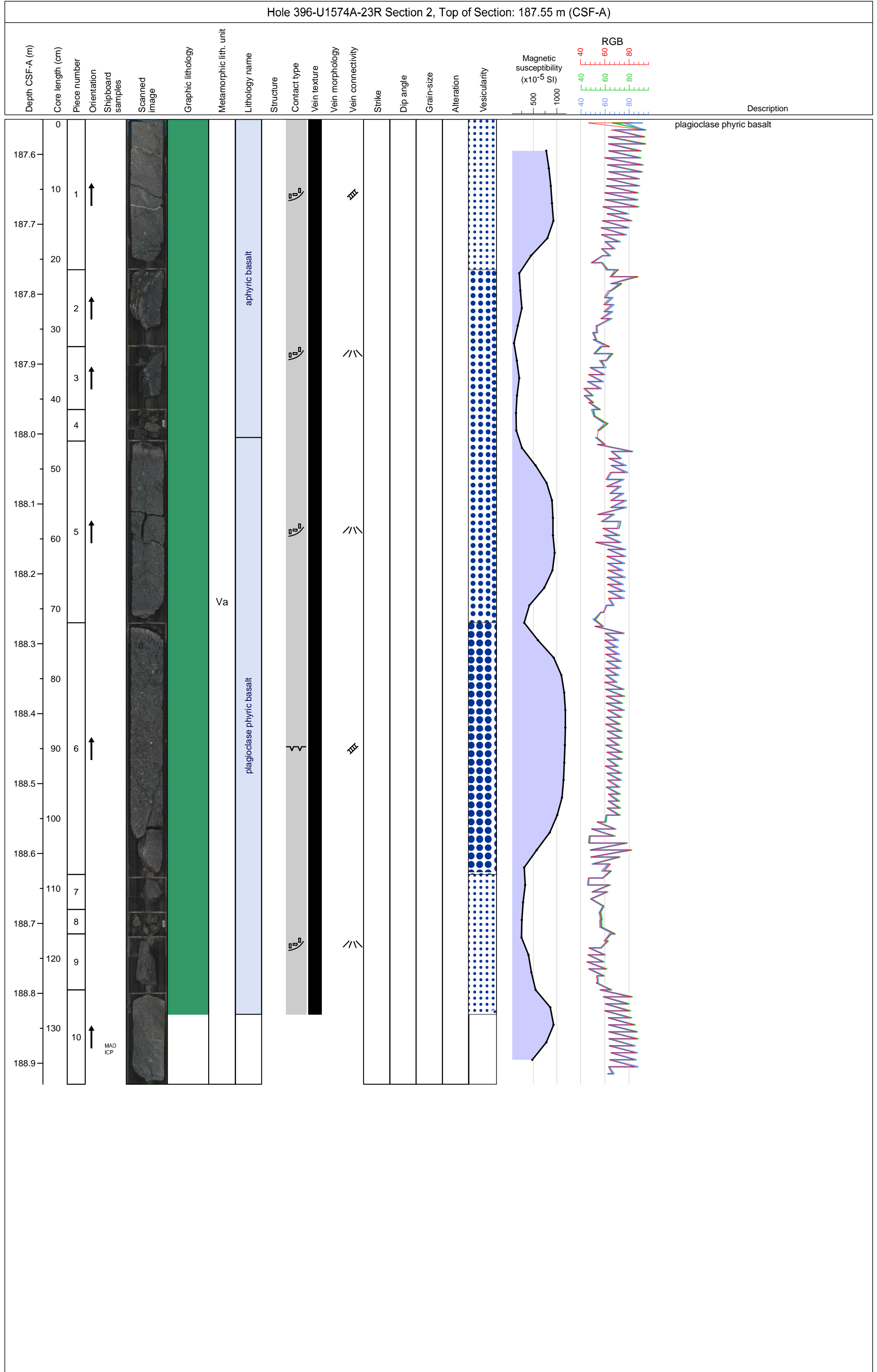
Hole 396-U1574A Core 23R, Interval 186.1-189.51 m (CSF-A)

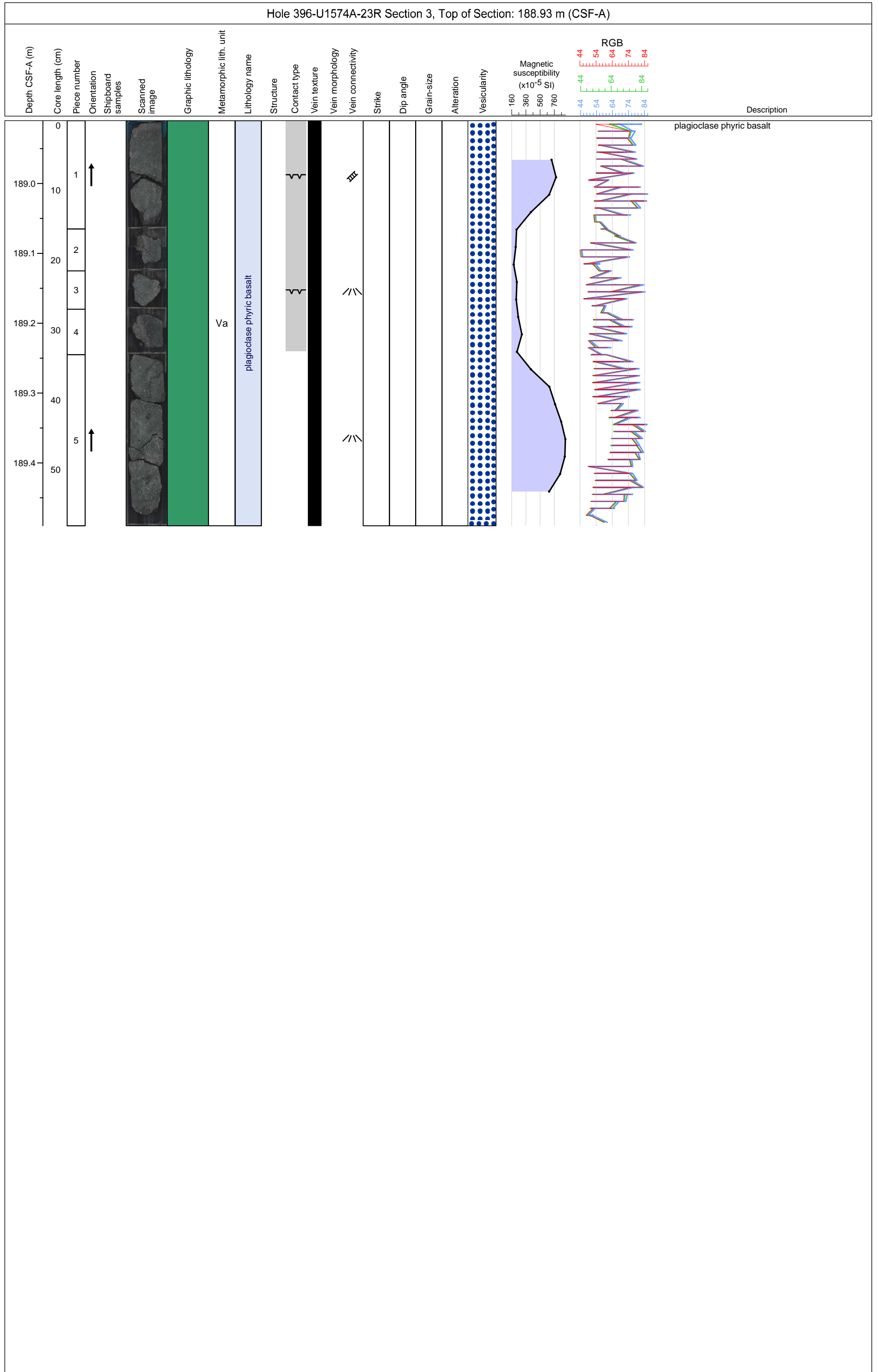
Core 23 consists of dark gray (GLEY 1 4/N) aphyric pillow BASALT with glassy margin and dark gray (GLEY 1 4/N) plagioclase phyric pillow BASALT with glassy or chilled margin. The pillow lavas are with variable thickness and vesicularity. A thin (3 cm) black (GLEY 1 2.5/N) CLAYSTONE is present locally.

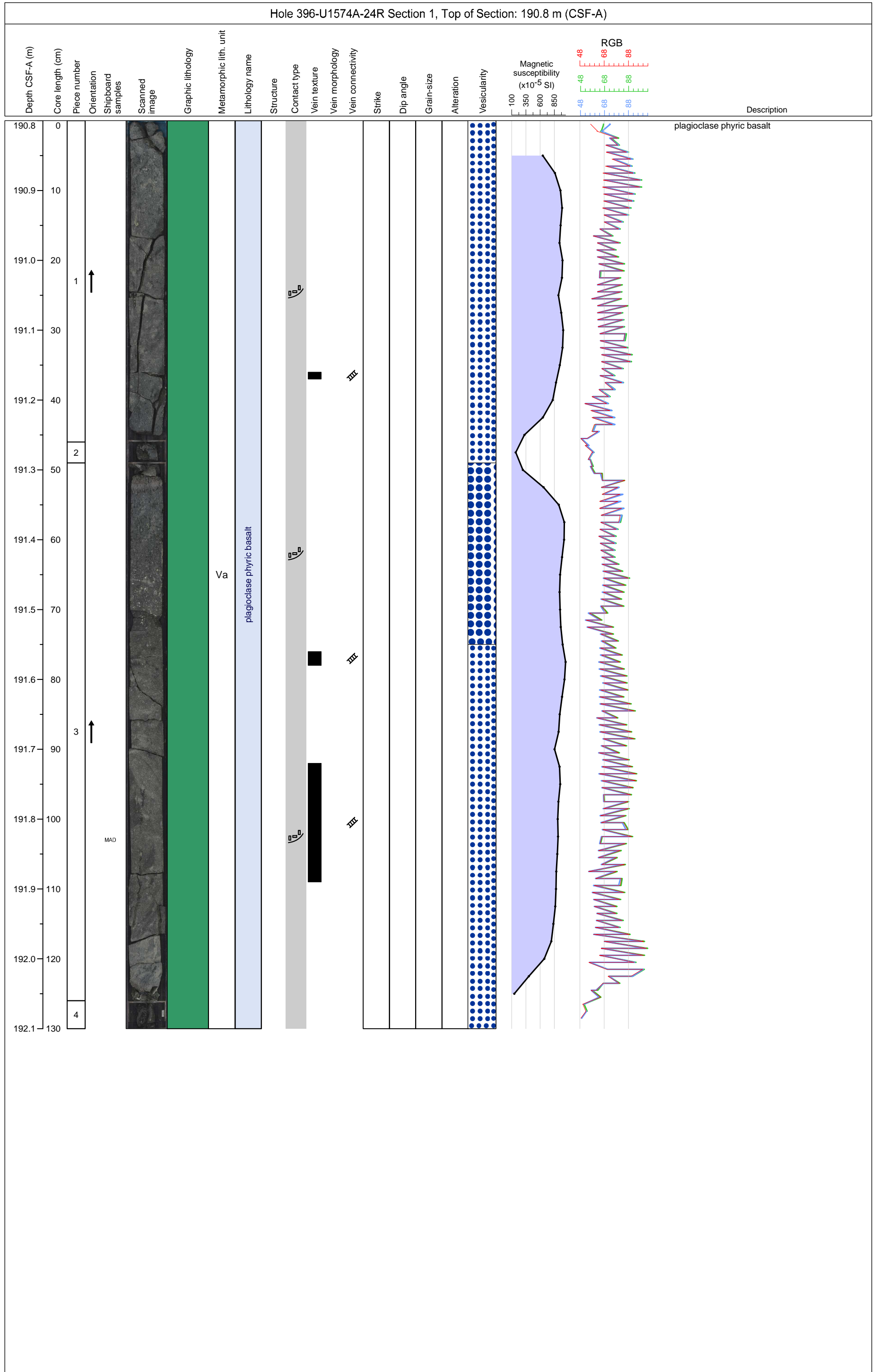


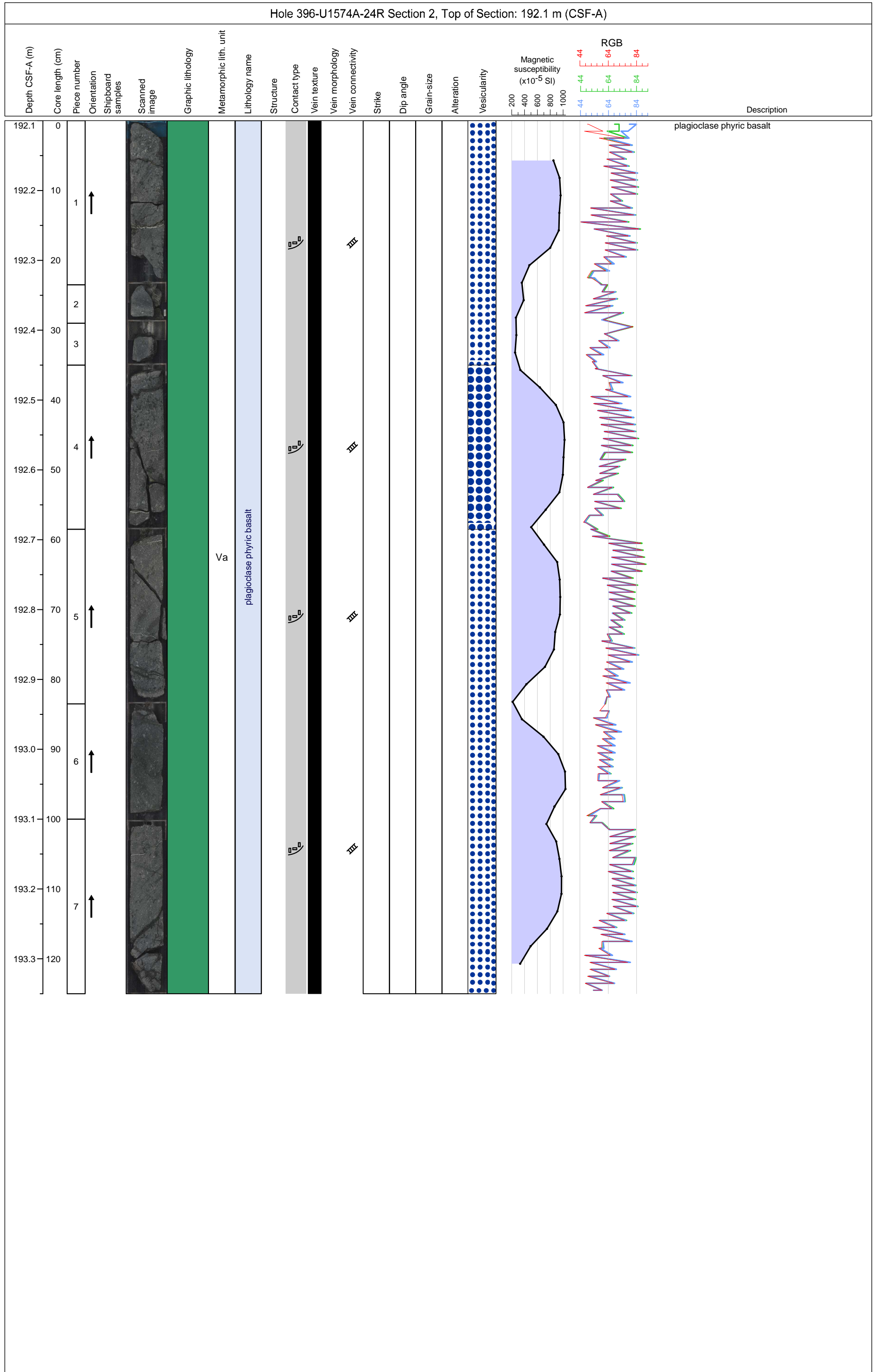


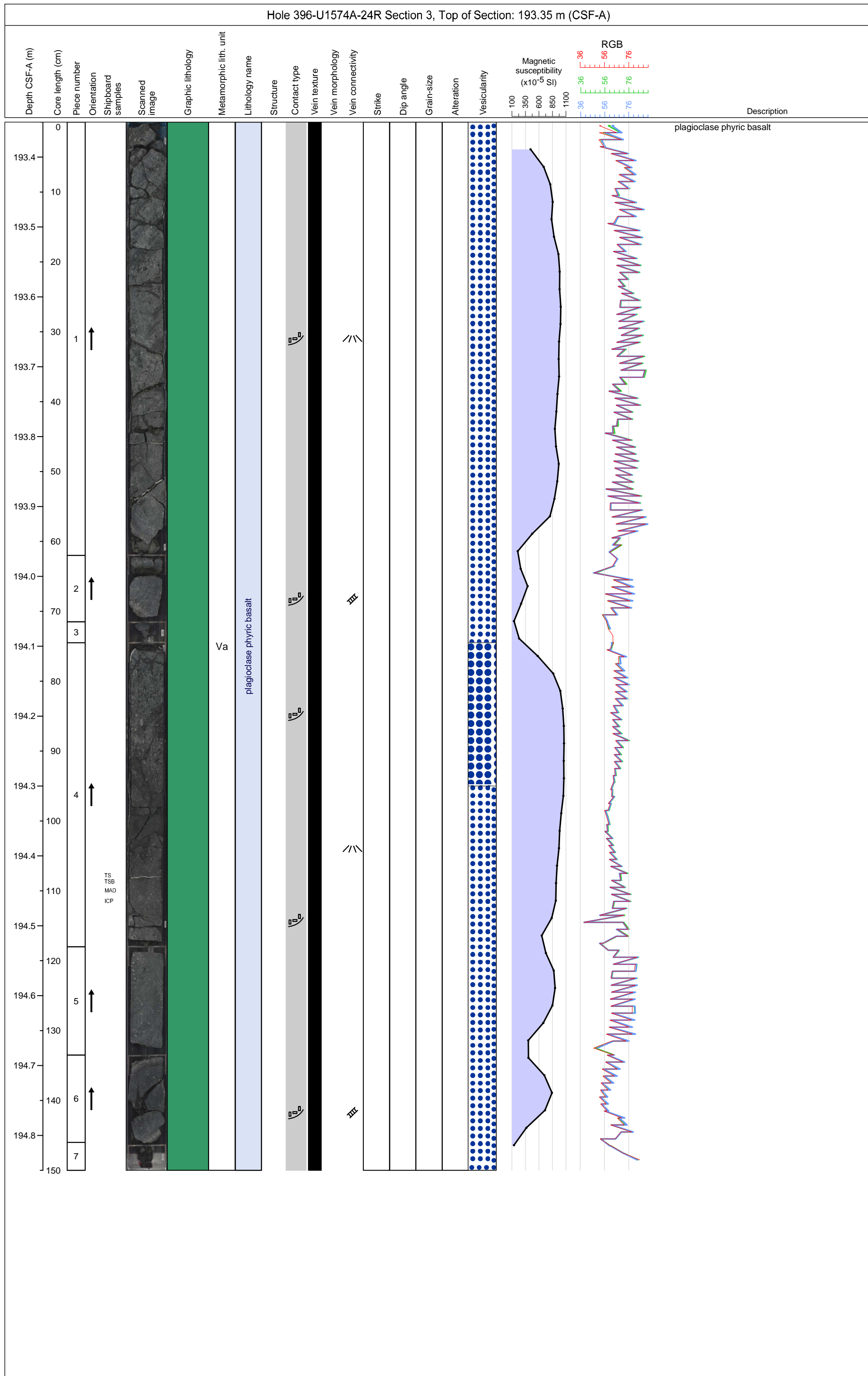
Hole 396-U1574A-23R Section 2, Top of Section: 187.55 m (CSF-A)

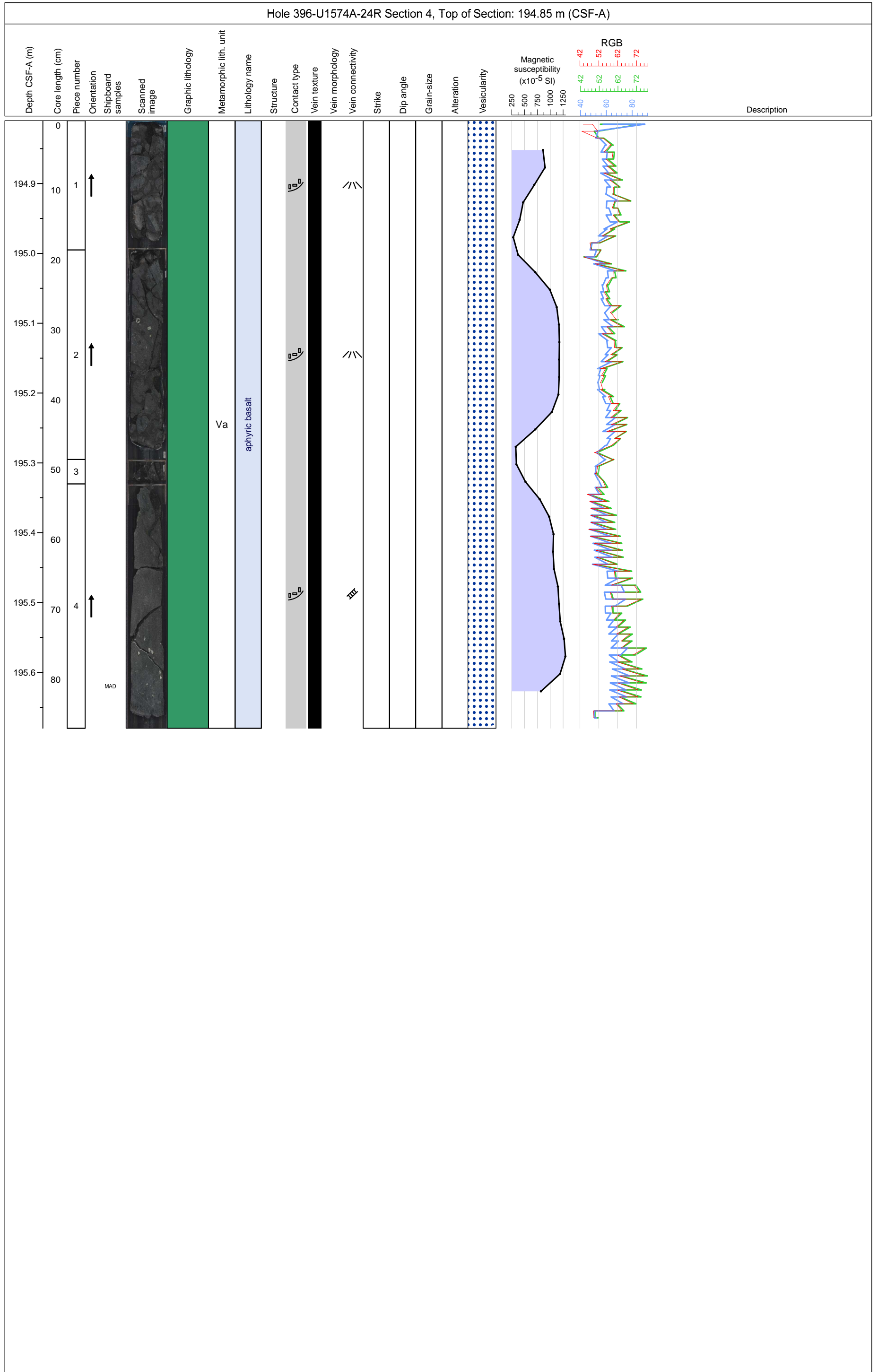


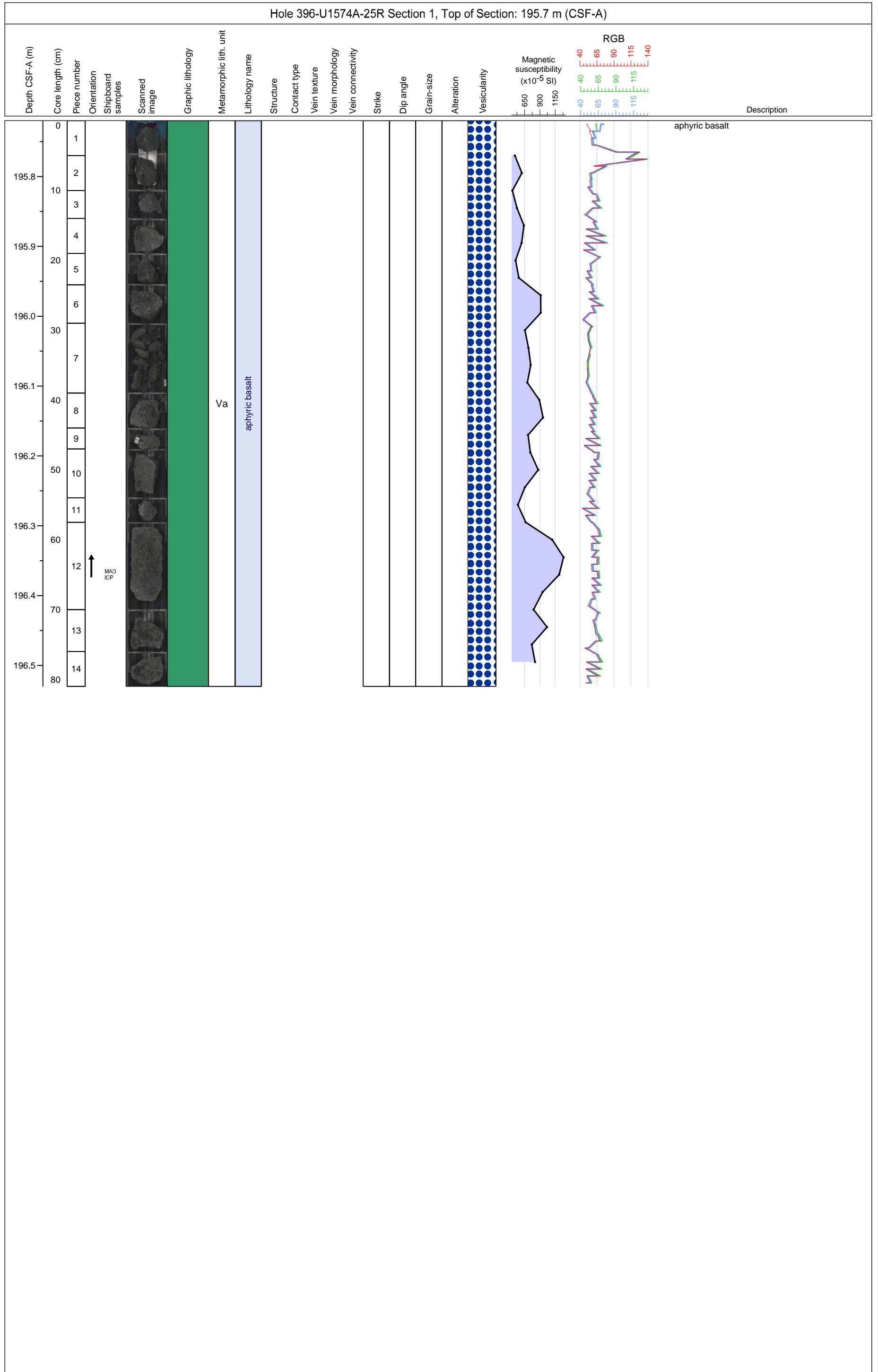


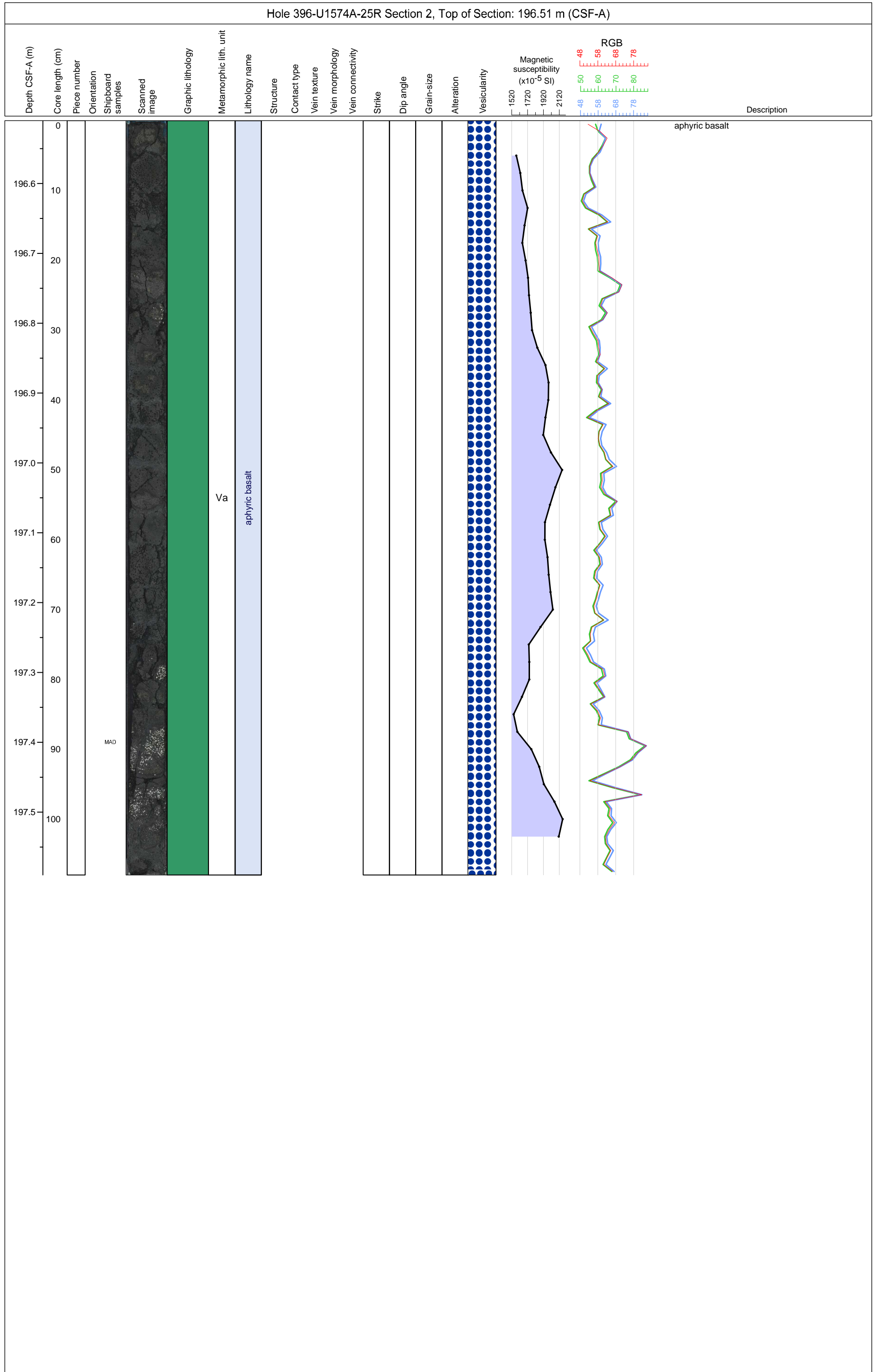




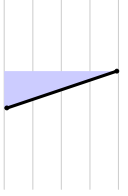
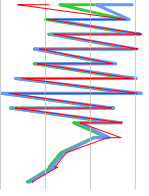


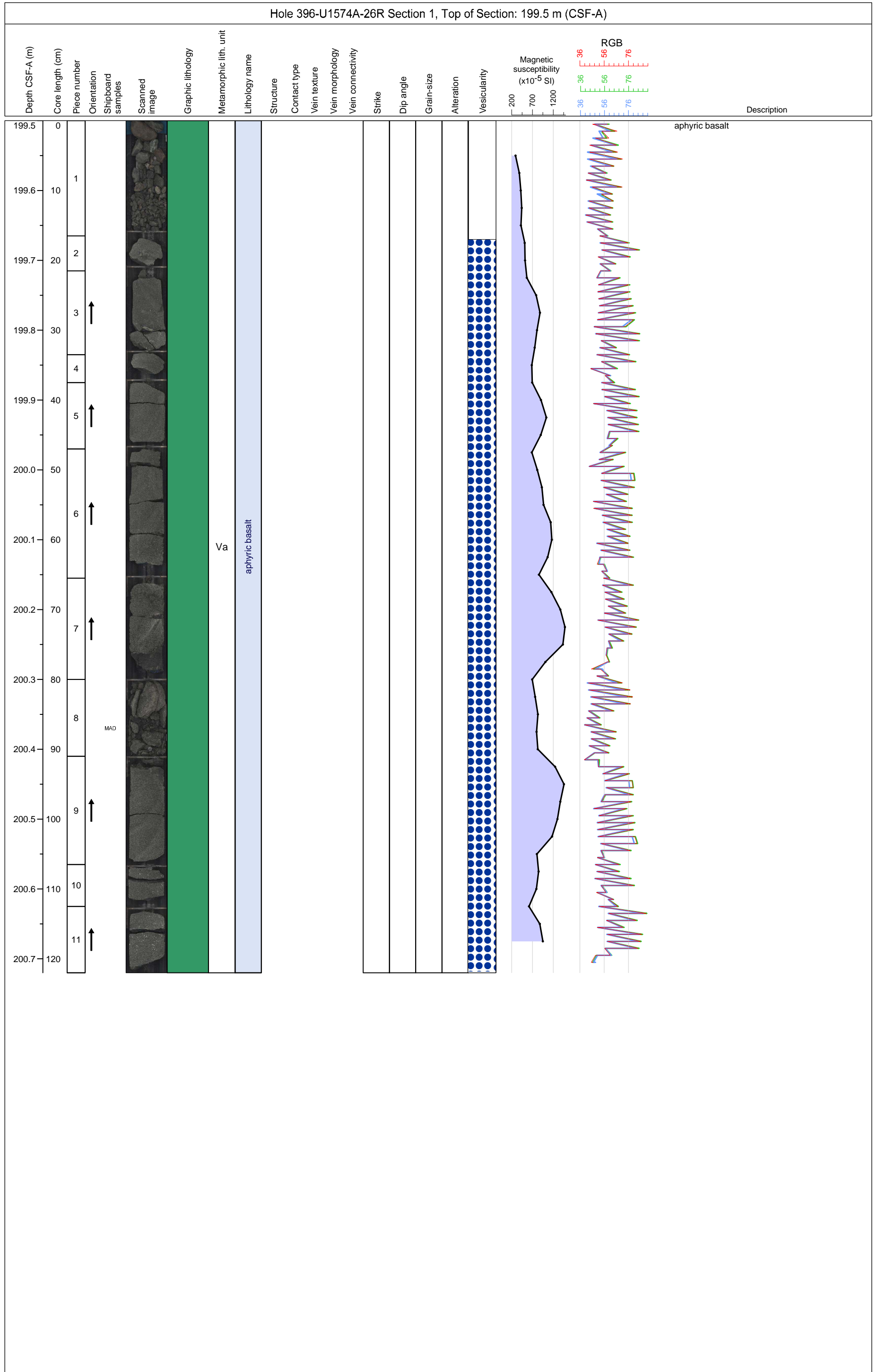


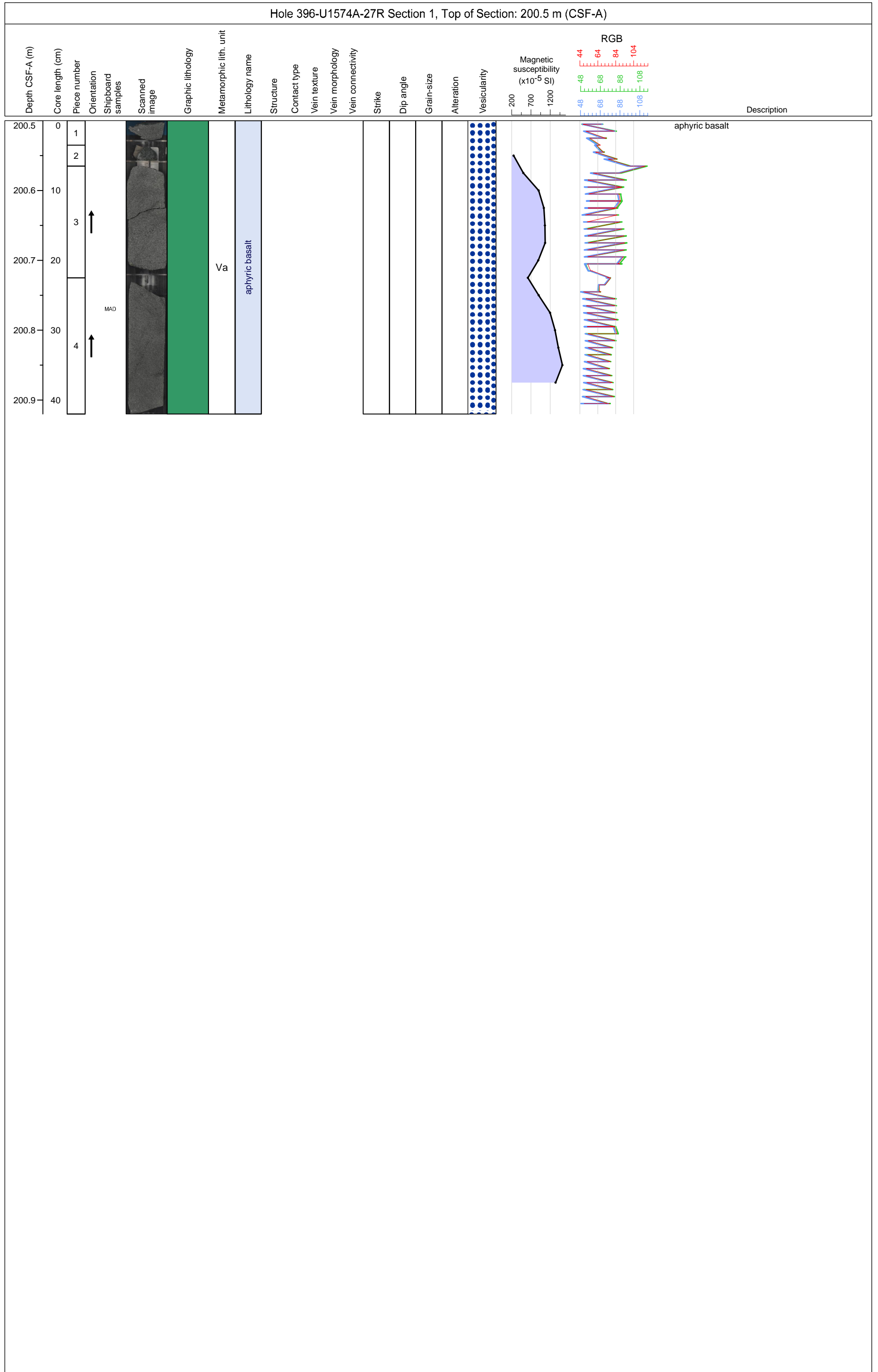


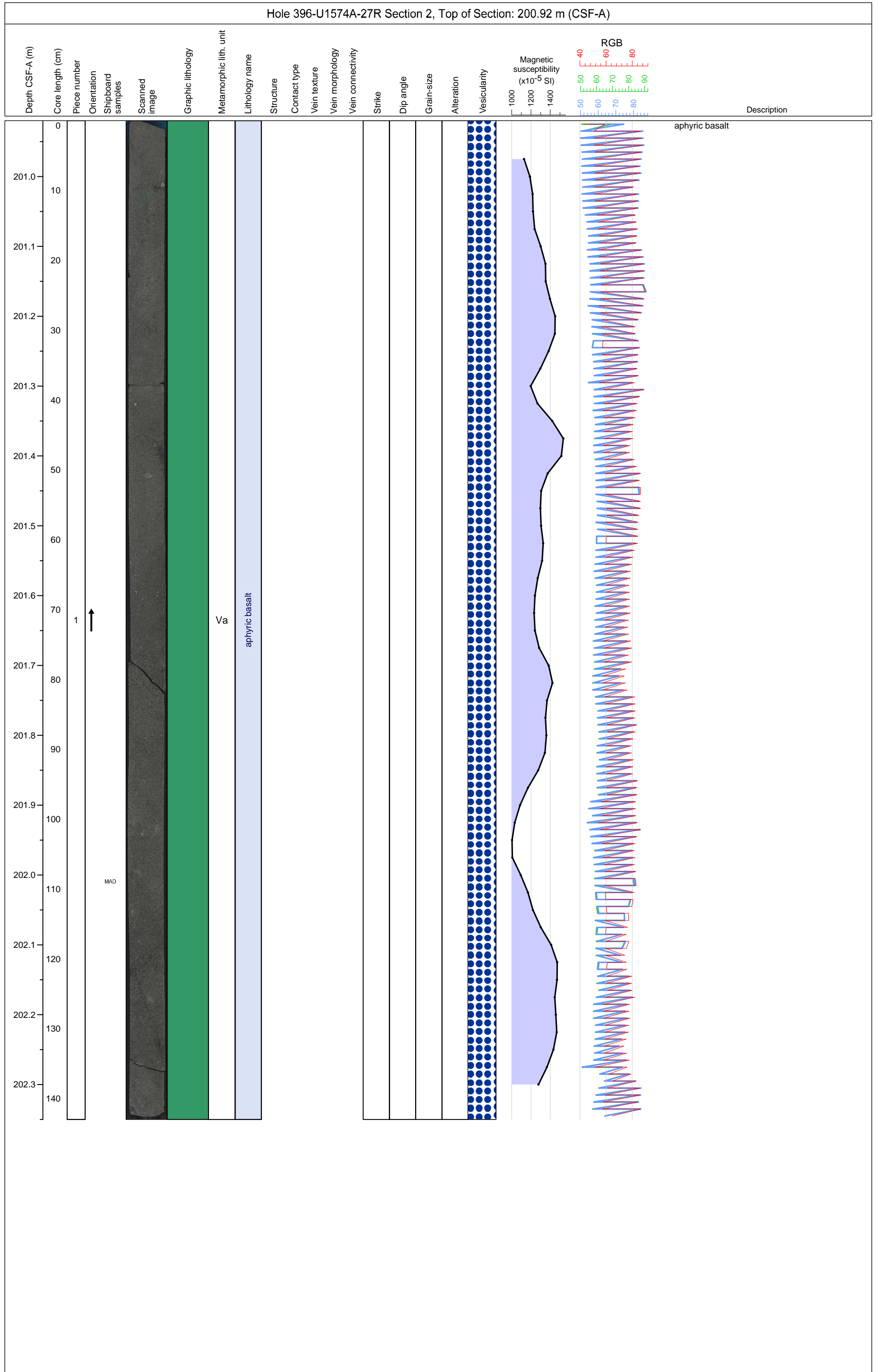


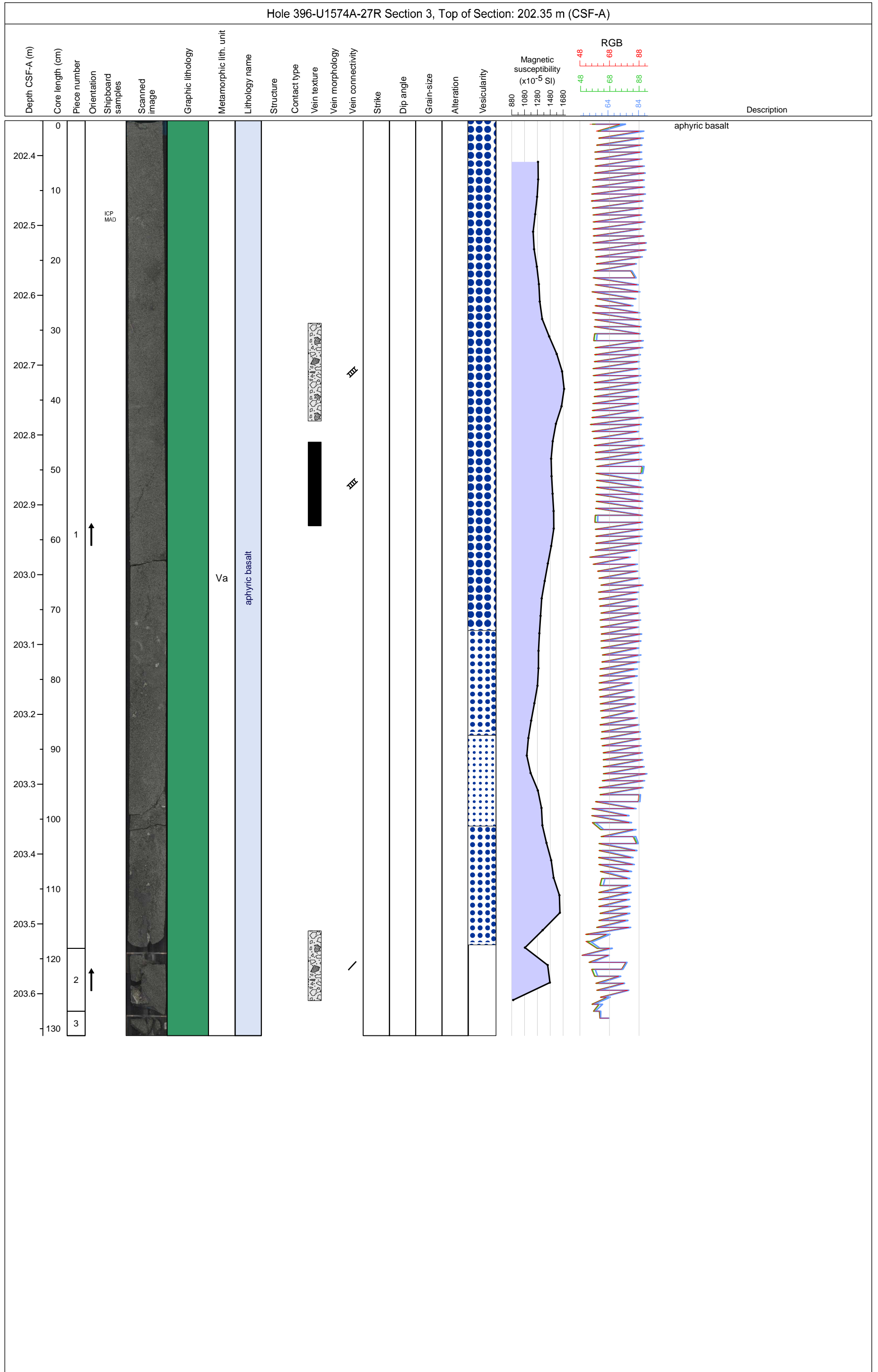


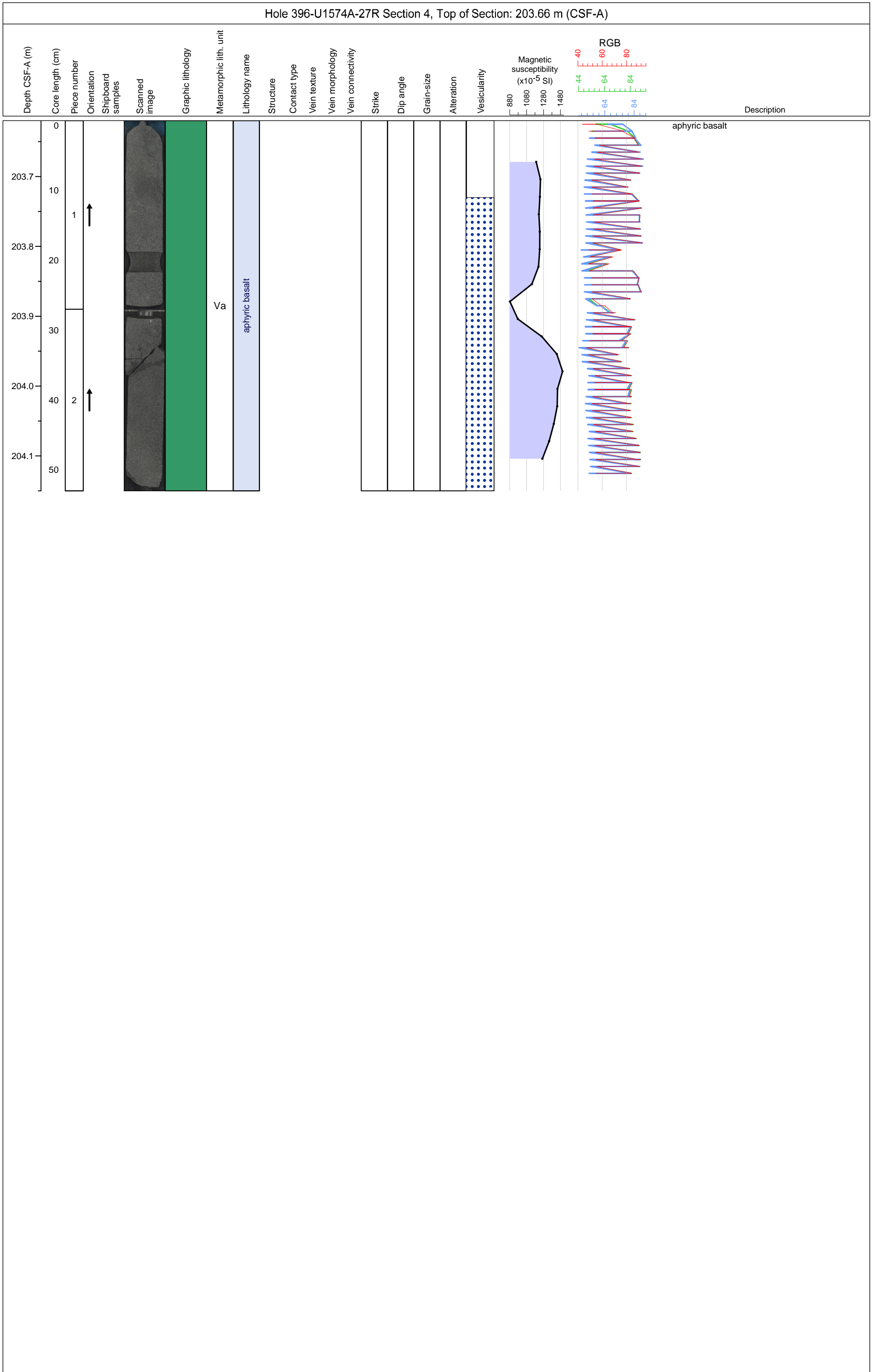
Hole 396-U1574A-25R Section 3, Top of Section: 197.59 m (CSF-A)																					
Depth CSF-A (m)	Core length (cm)	Piece number	Orientation	Shipboard samples	Scanned image	Graphic lithology	Metamorphic lith. unit	Lithology name	Structure	Contact type	Vein texture	Vein morphology	Vein connectivity	Strike	Dip angle	Grain-size	Alteration	Vesicularity	Magnetic susceptibility ($\times 10^{-6}$ SI)	RGB	Description
197.6	0	1	↑				Va	aphyric basalt												aphyric basalt	
197.7	10	2																			

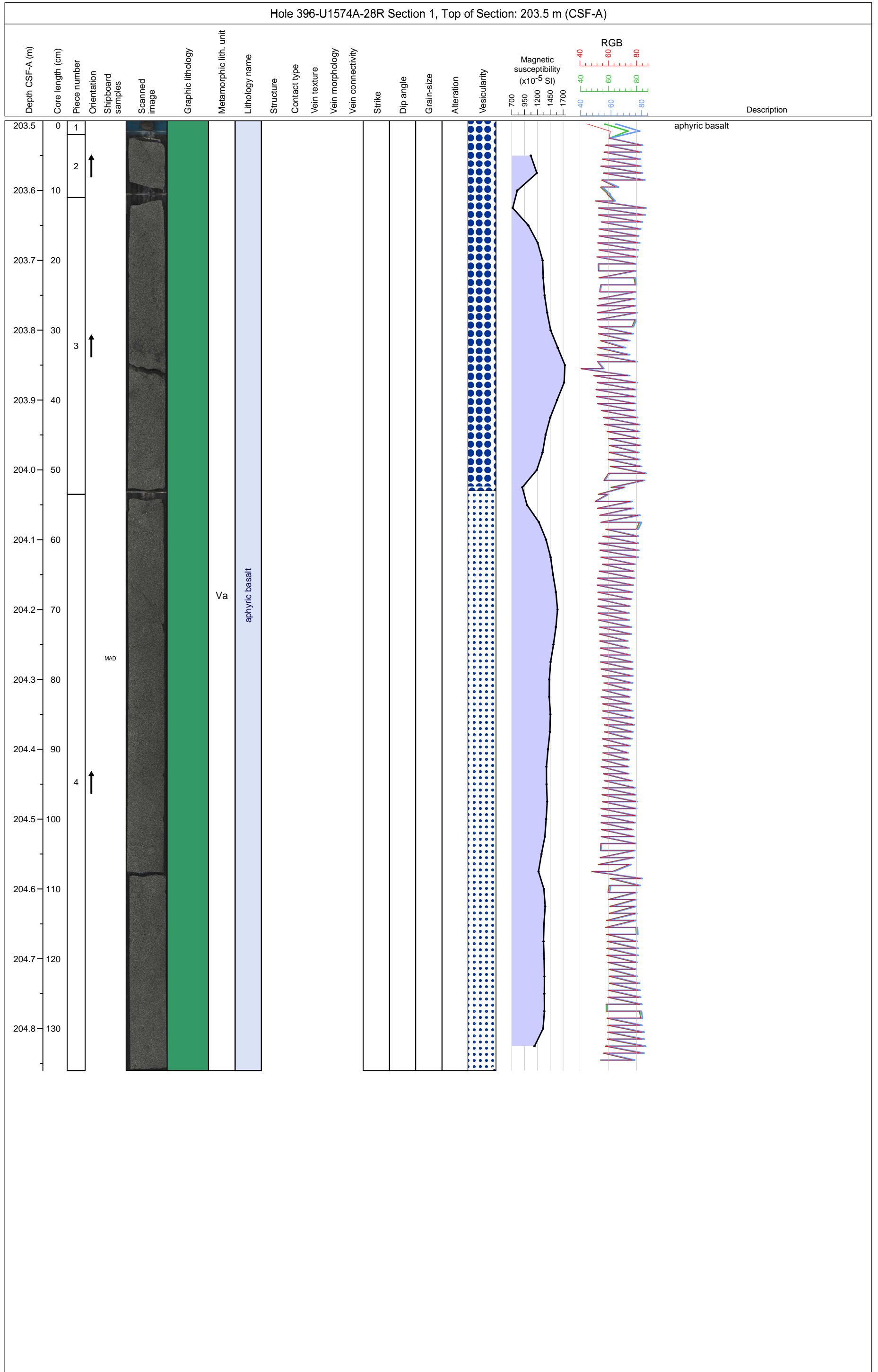


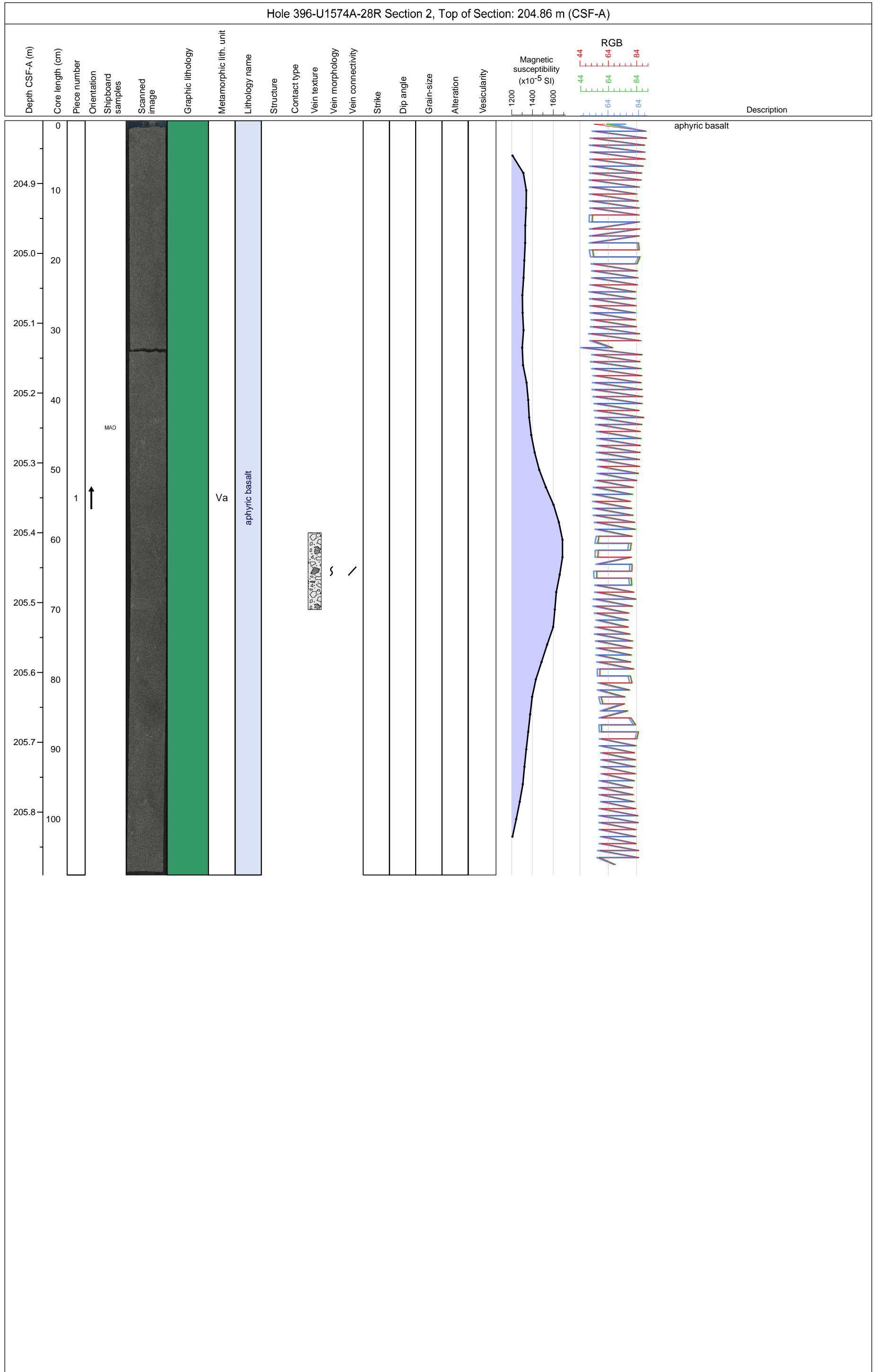


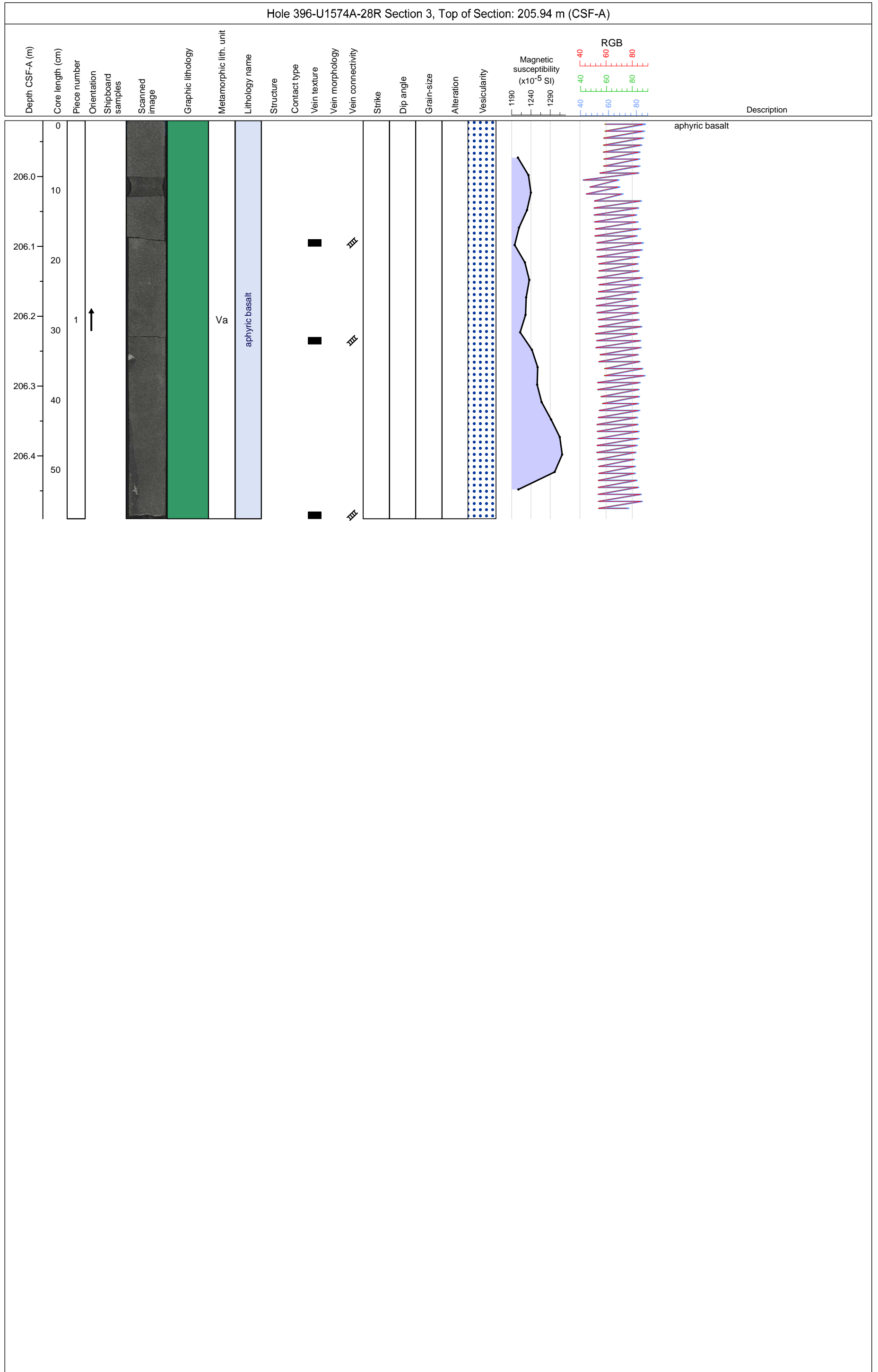






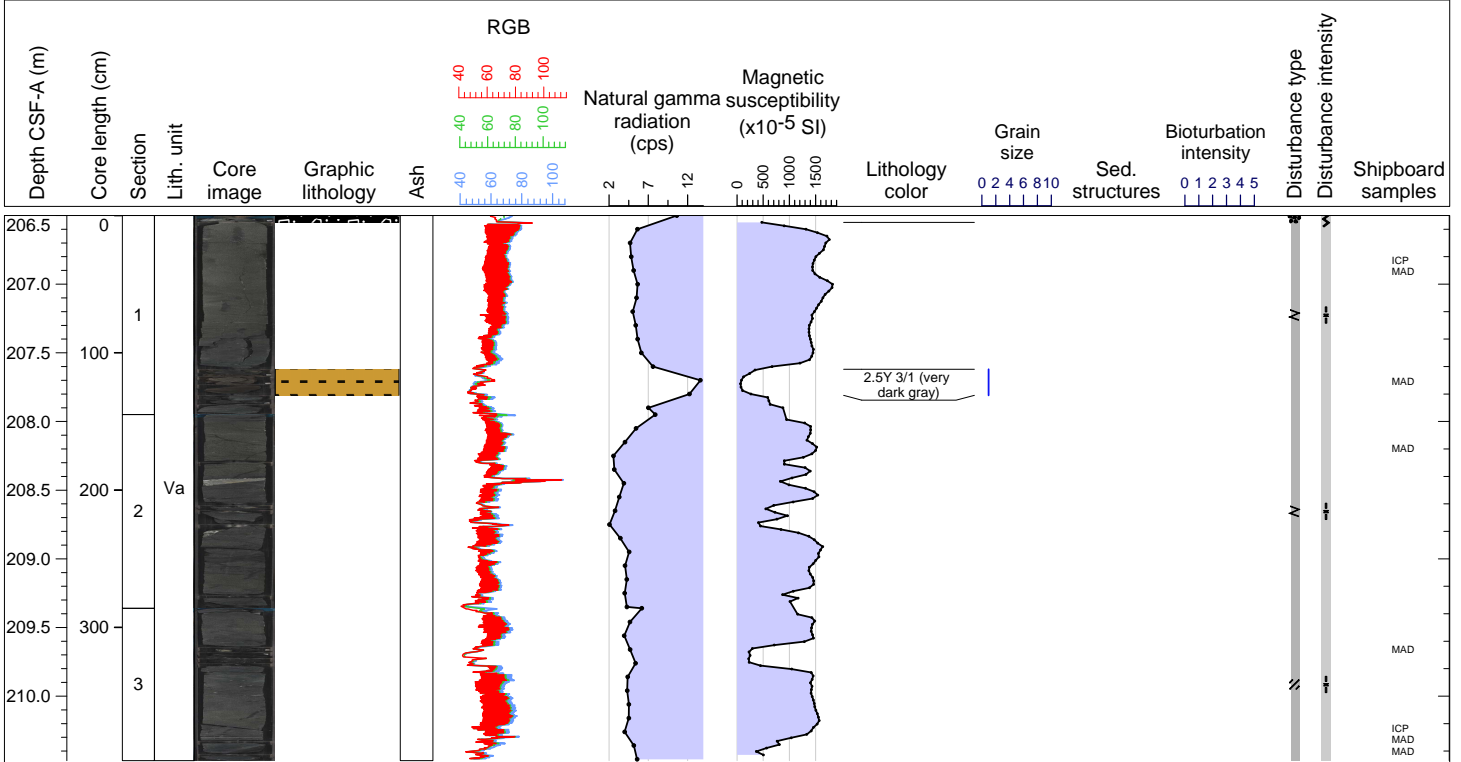


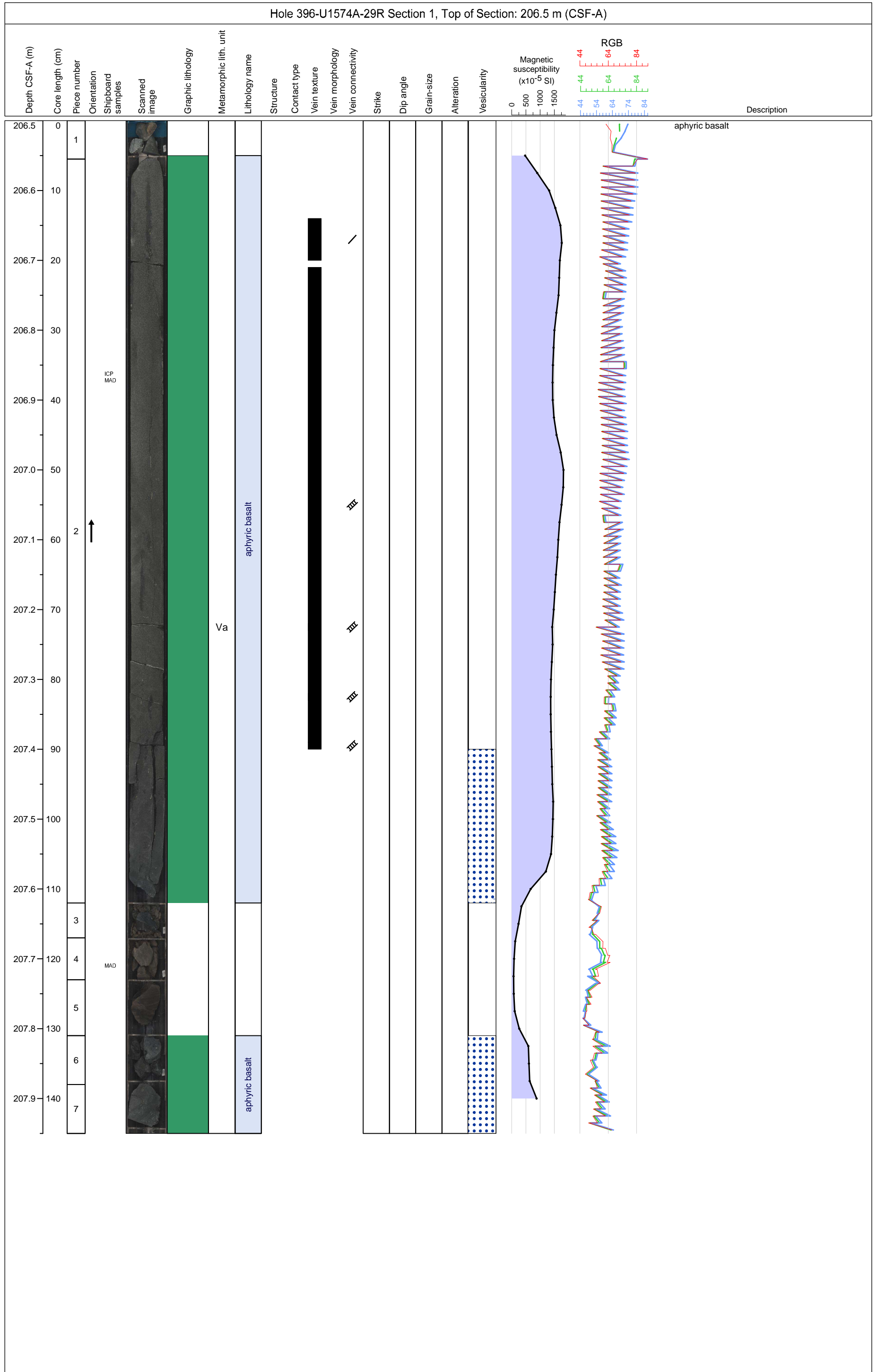


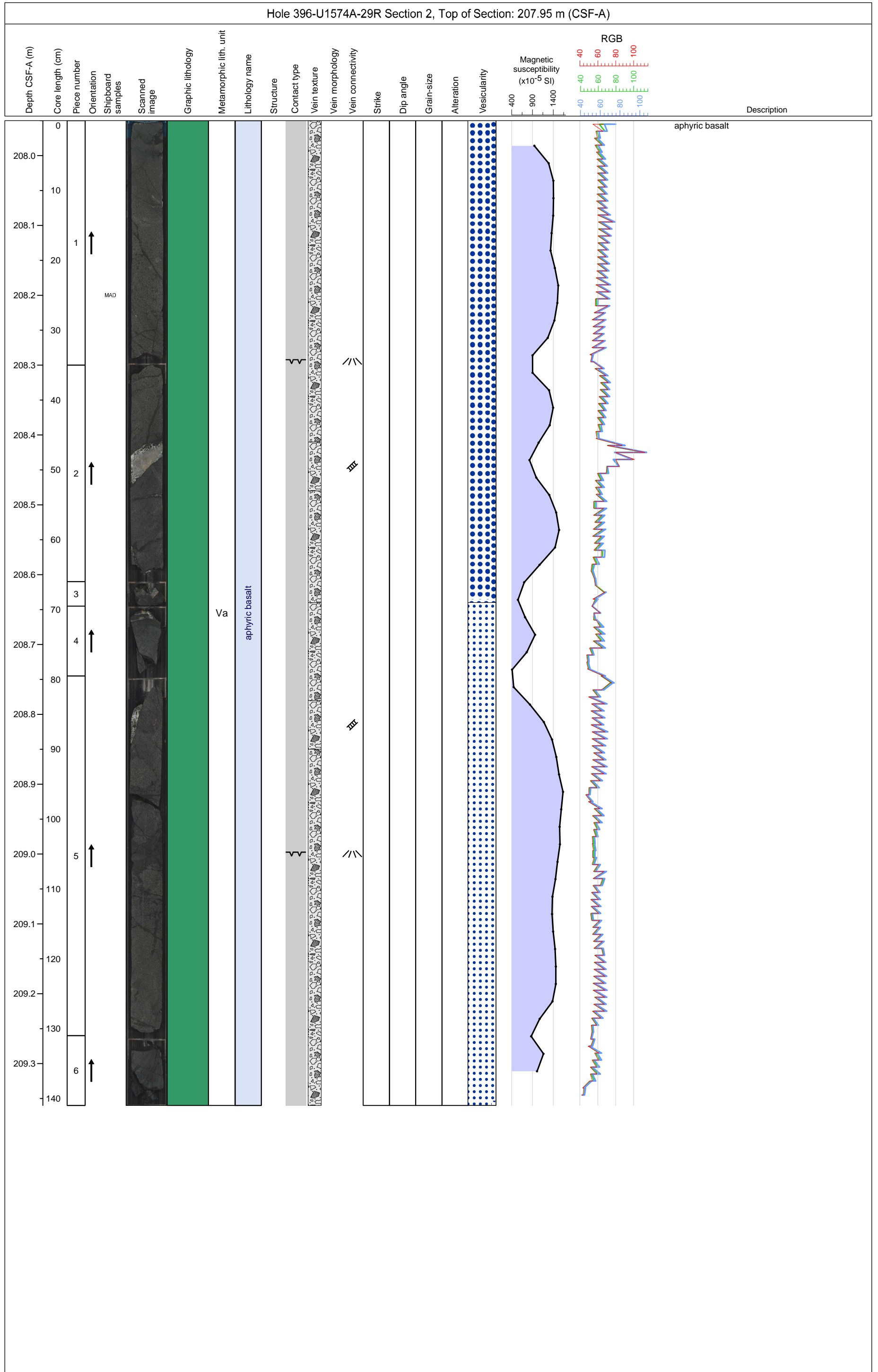


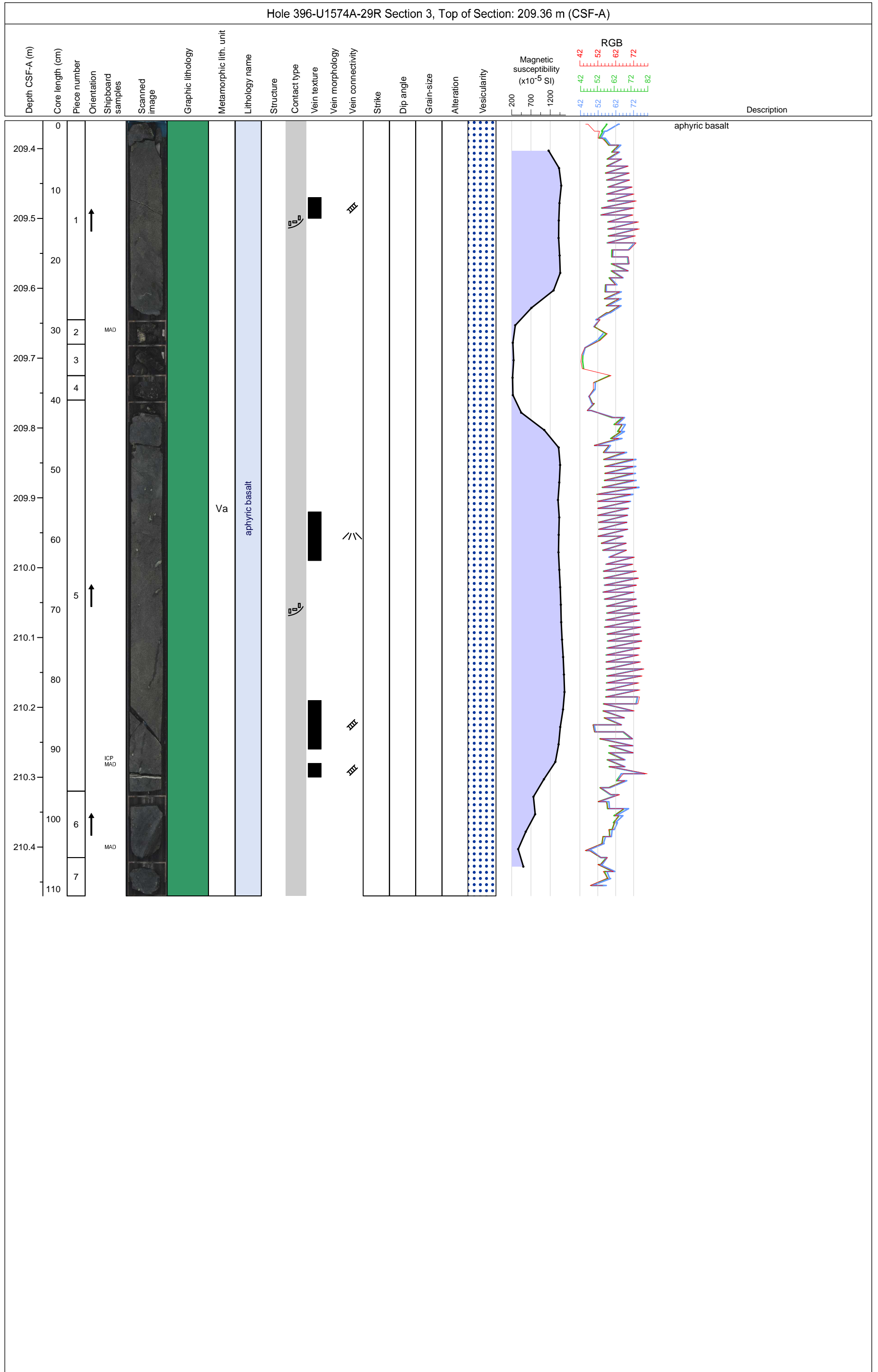
Hole 396-U1574A Core 29R, Interval 206.5-210.47 m (CSF-A)

Core 29 consists of very dark gray (GLEY 1 3/N) to black (GLEY 1 2.5/N) aphyric basalt with non- to sparse vascularity, and dark gray (GLEY 1 4/N) pillow aphyric pillow BASALT with chilled or glassy margin, with sparse vascularity. Very dark gray (2.5Y 3/1) interbasaltic claystone is present locally.



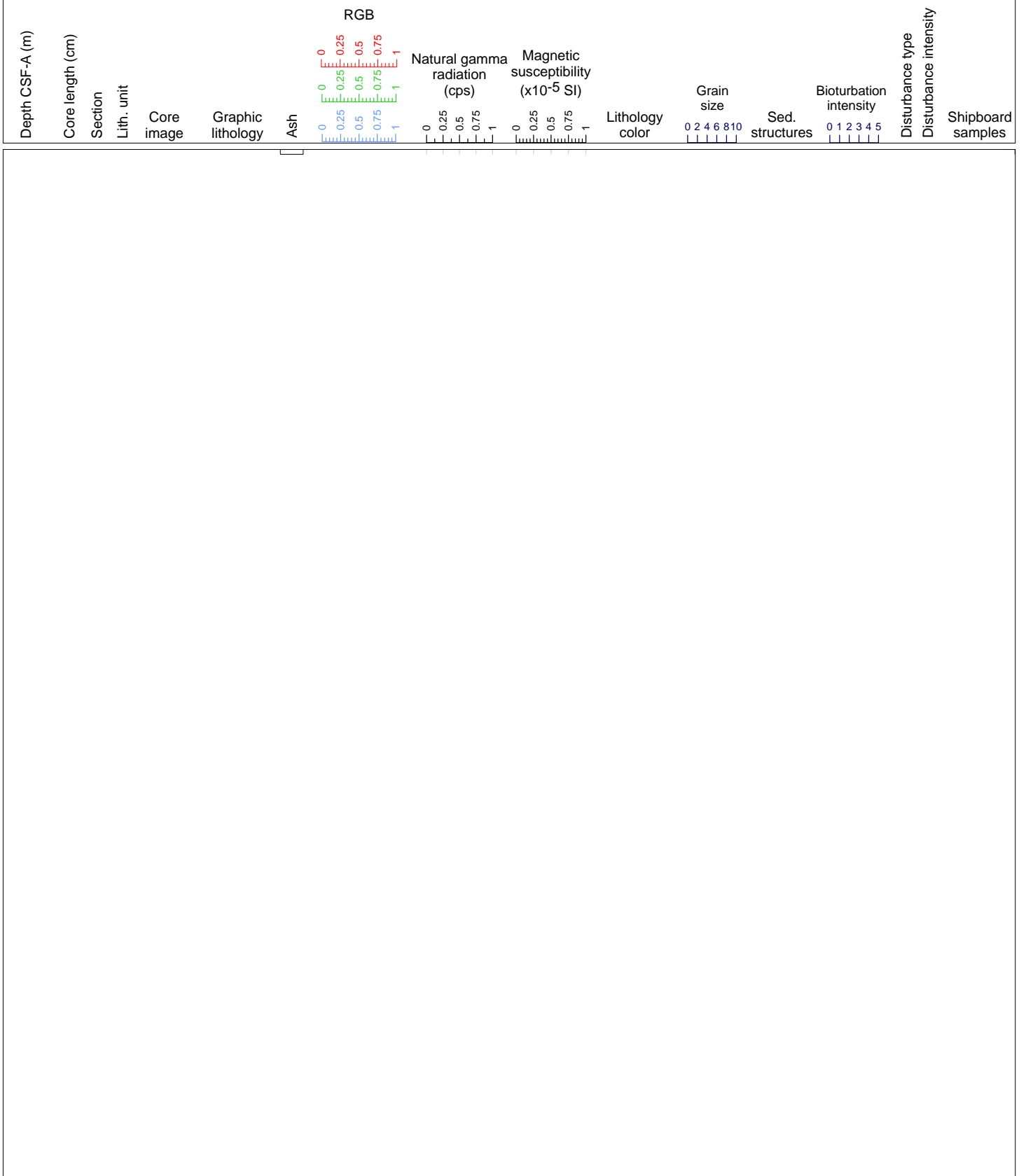






Hole 396-U1574A Core 30R, Interval 211.4-211.4 m (CSF-A)

NO RECOVERY



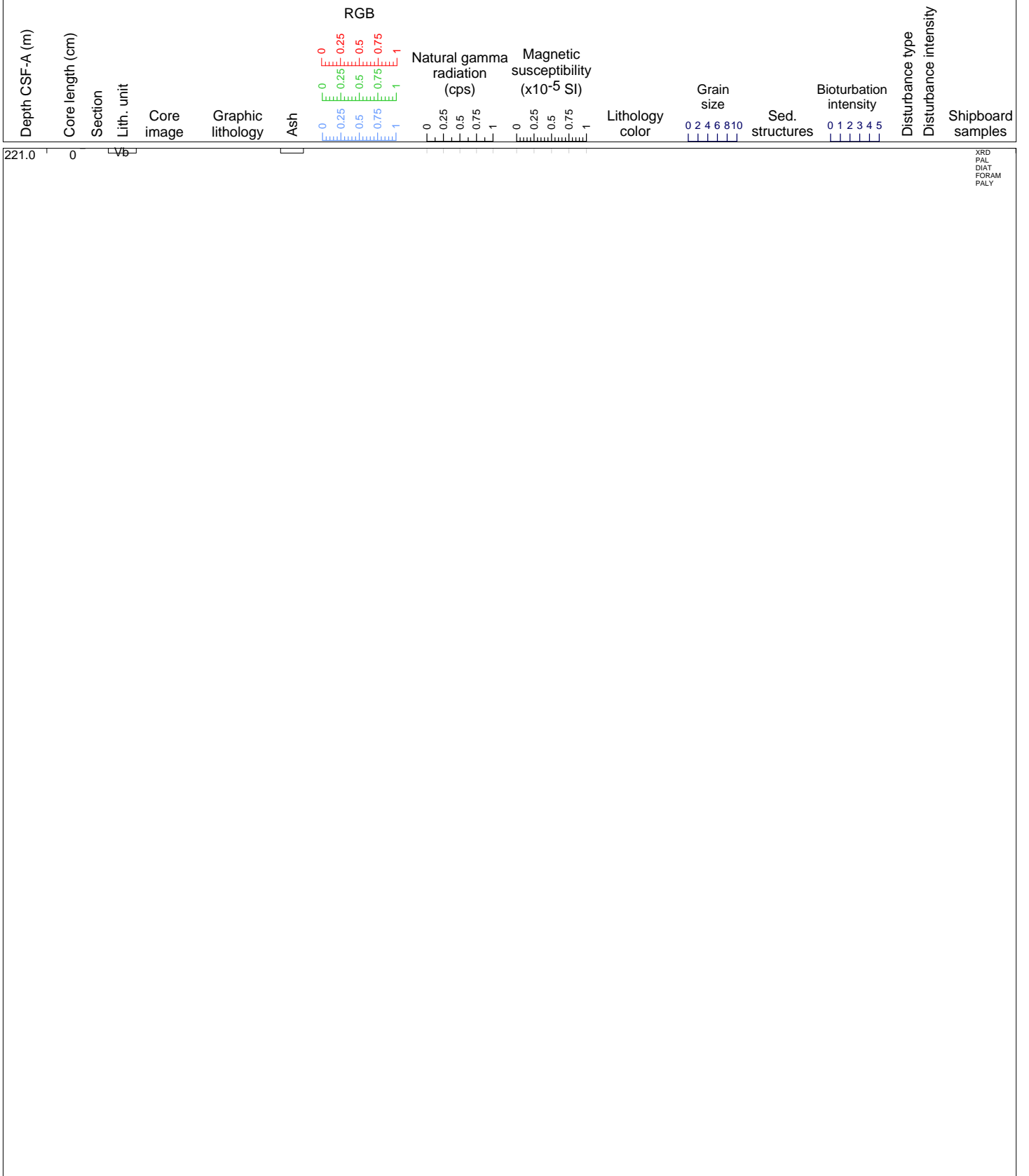
Hole 396-U1574A Core 31R, Interval 216.2-216.2 m (CSF-A)

NO RECOVERY



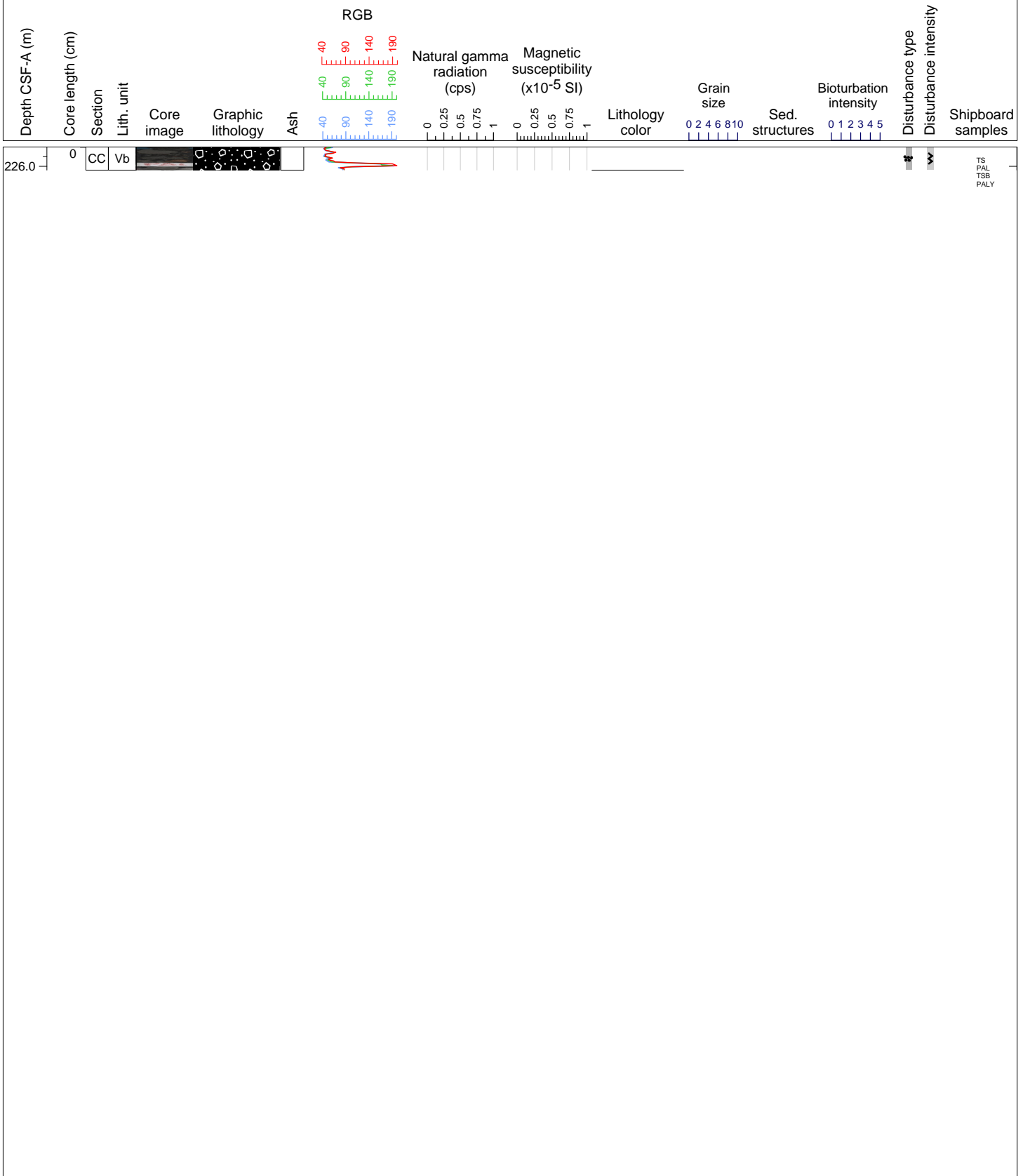
Hole 396-U1574A Core 32R, Interval 221.0-221.05 m (CSF-A)

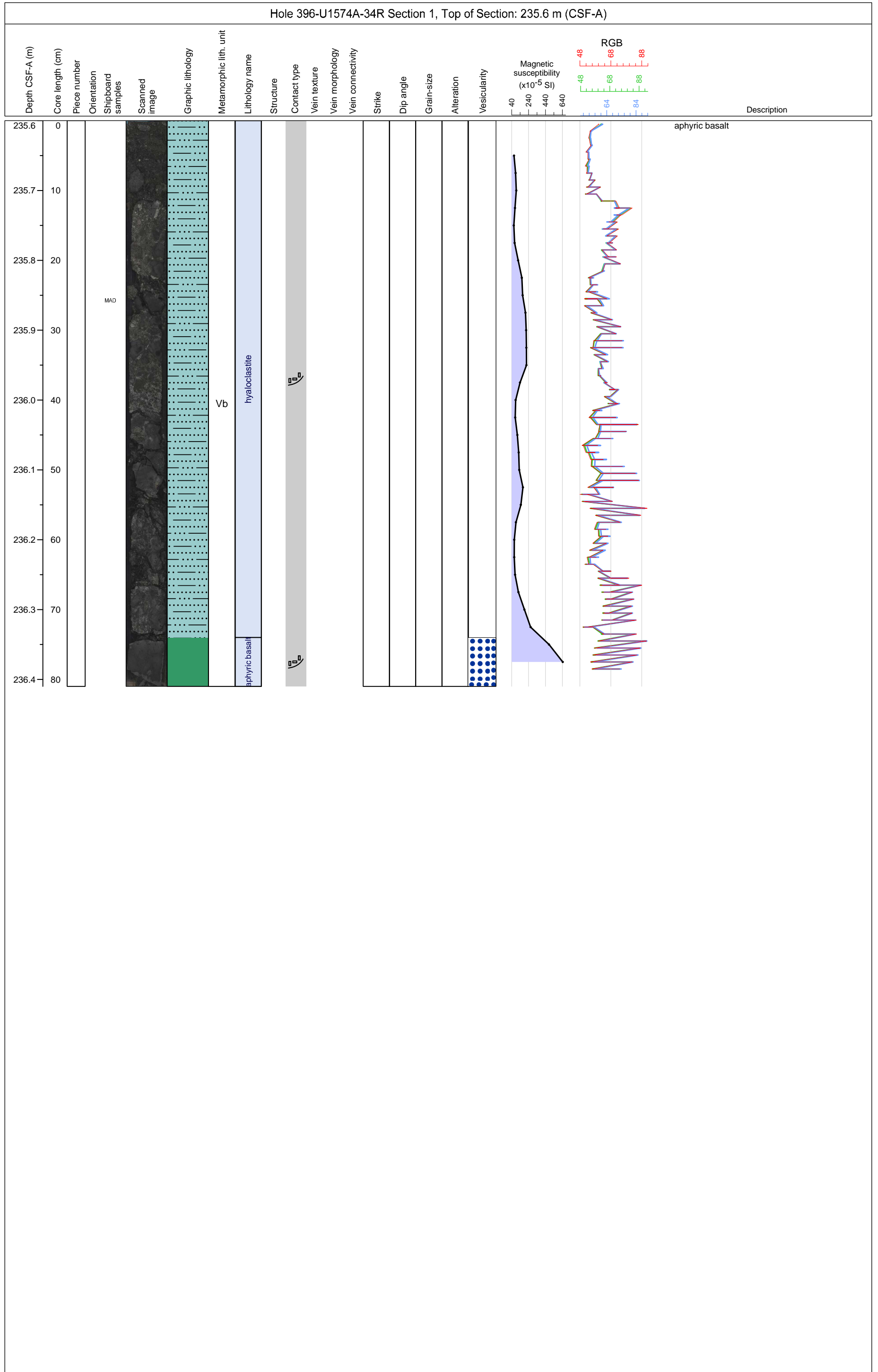
ALL TO PAL

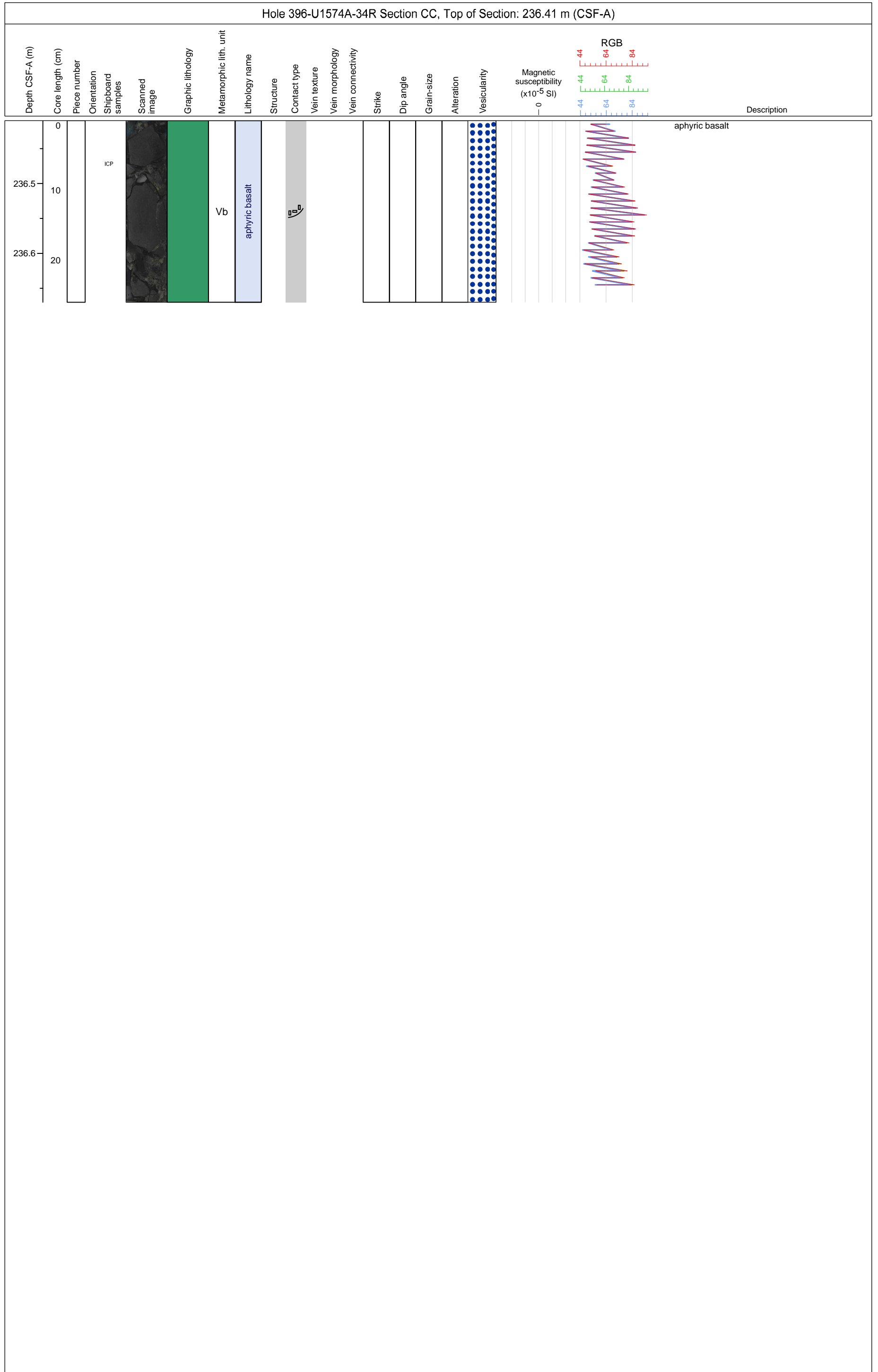


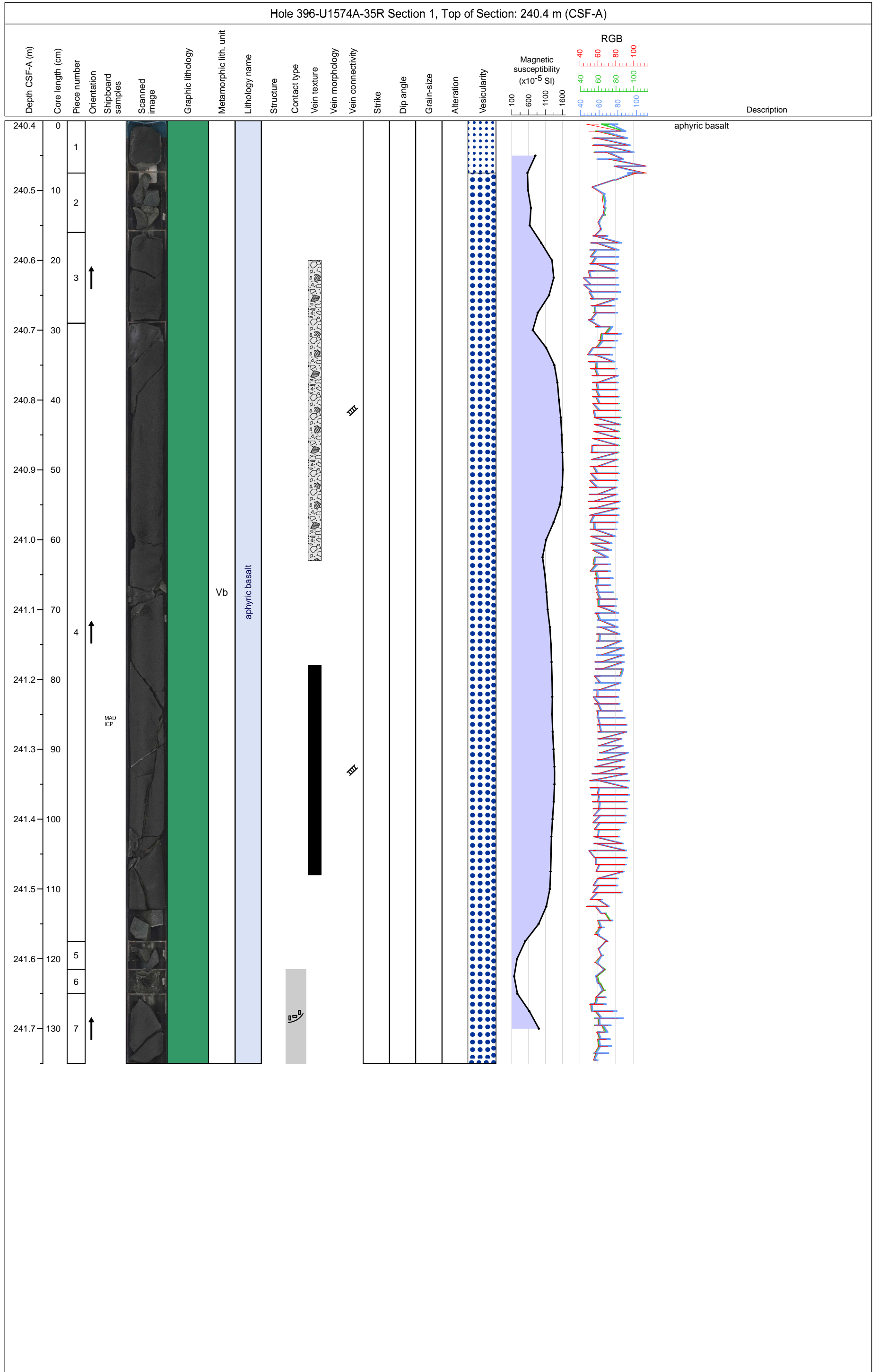
Hole 396-U1574A Core 33R, Interval 225.8-226.04 m (CSF-A)

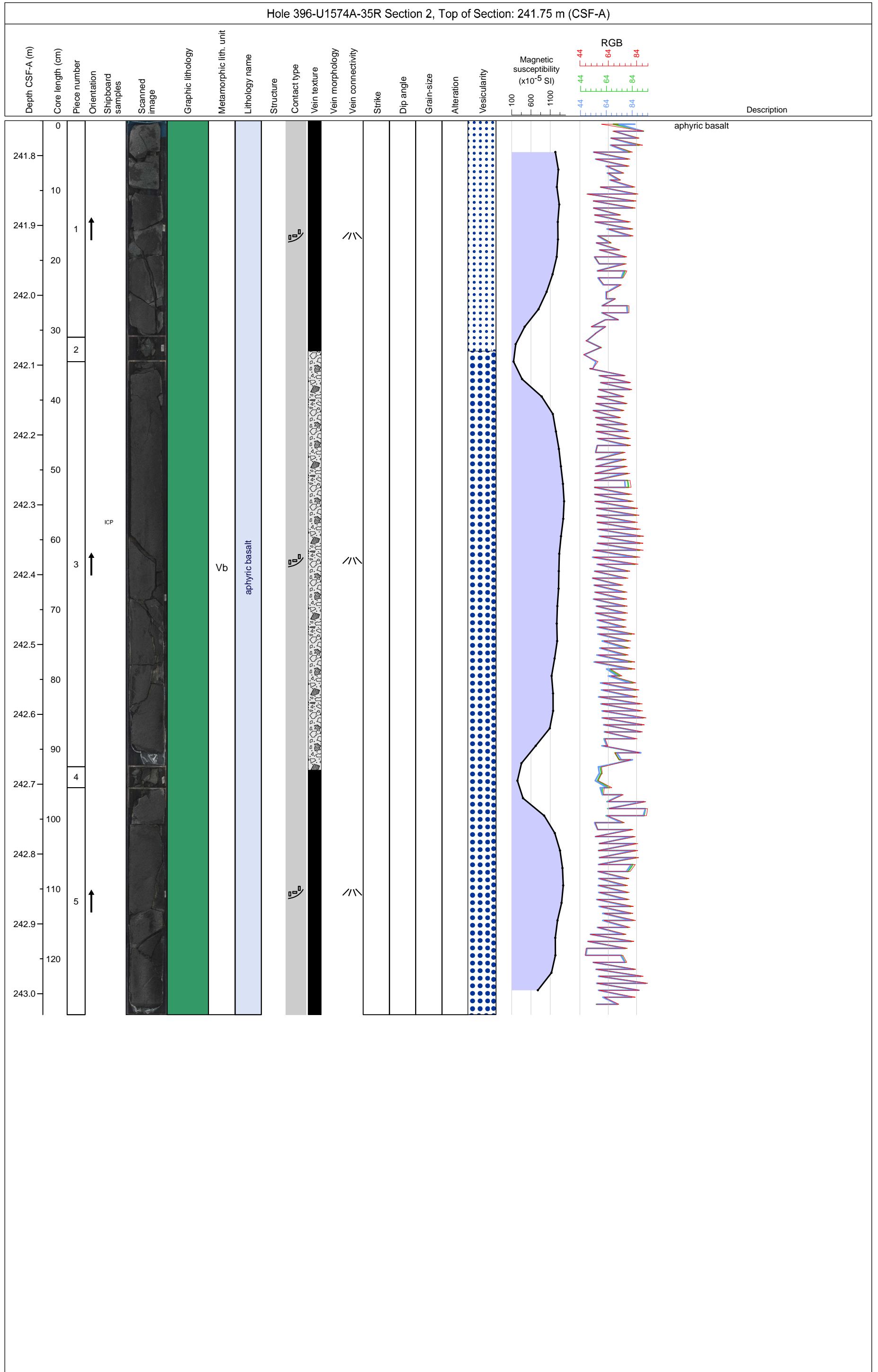
Core 33 consists of GRAVEL of mostly fall in pebbles and laminated siltstone.

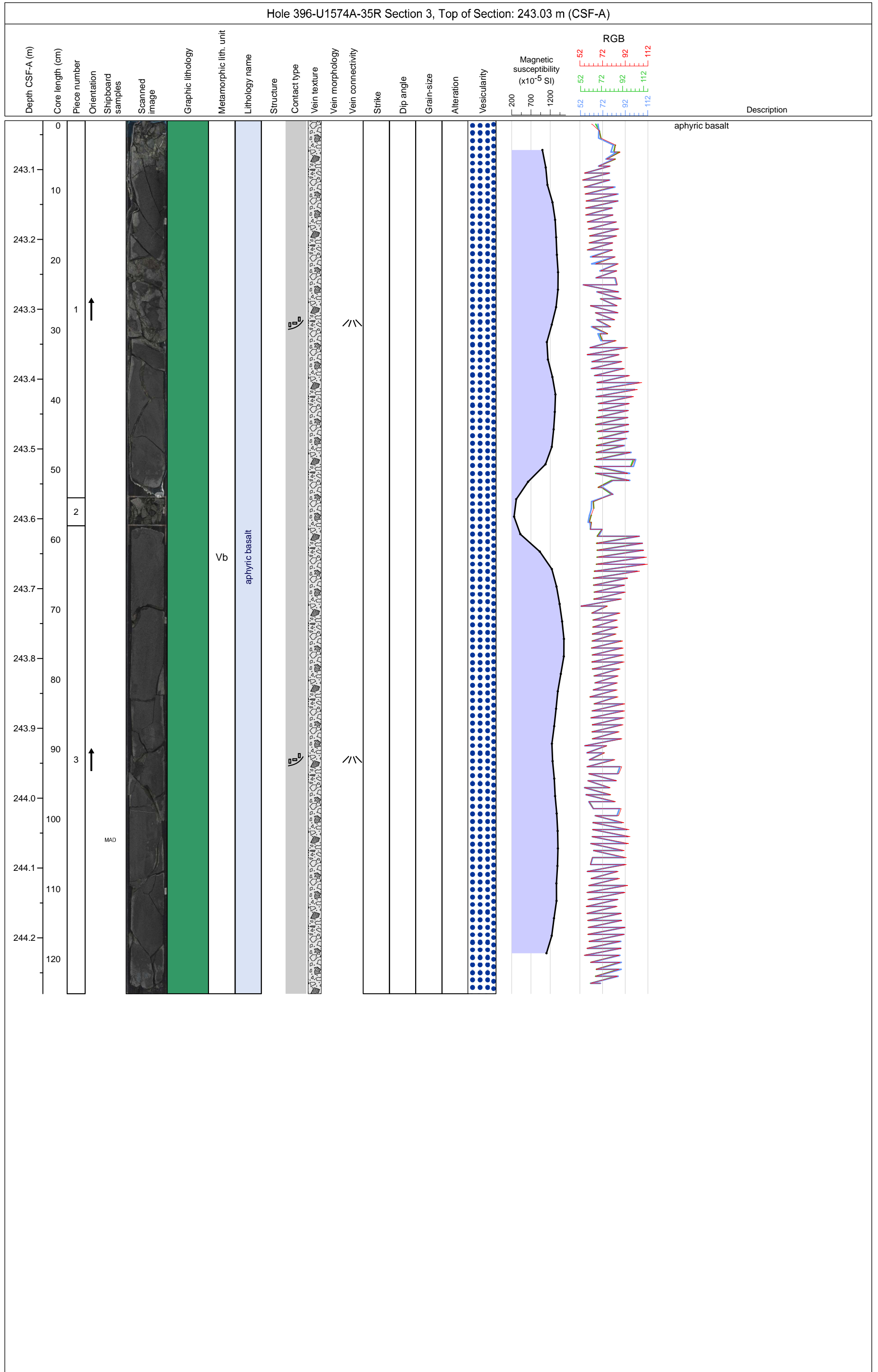


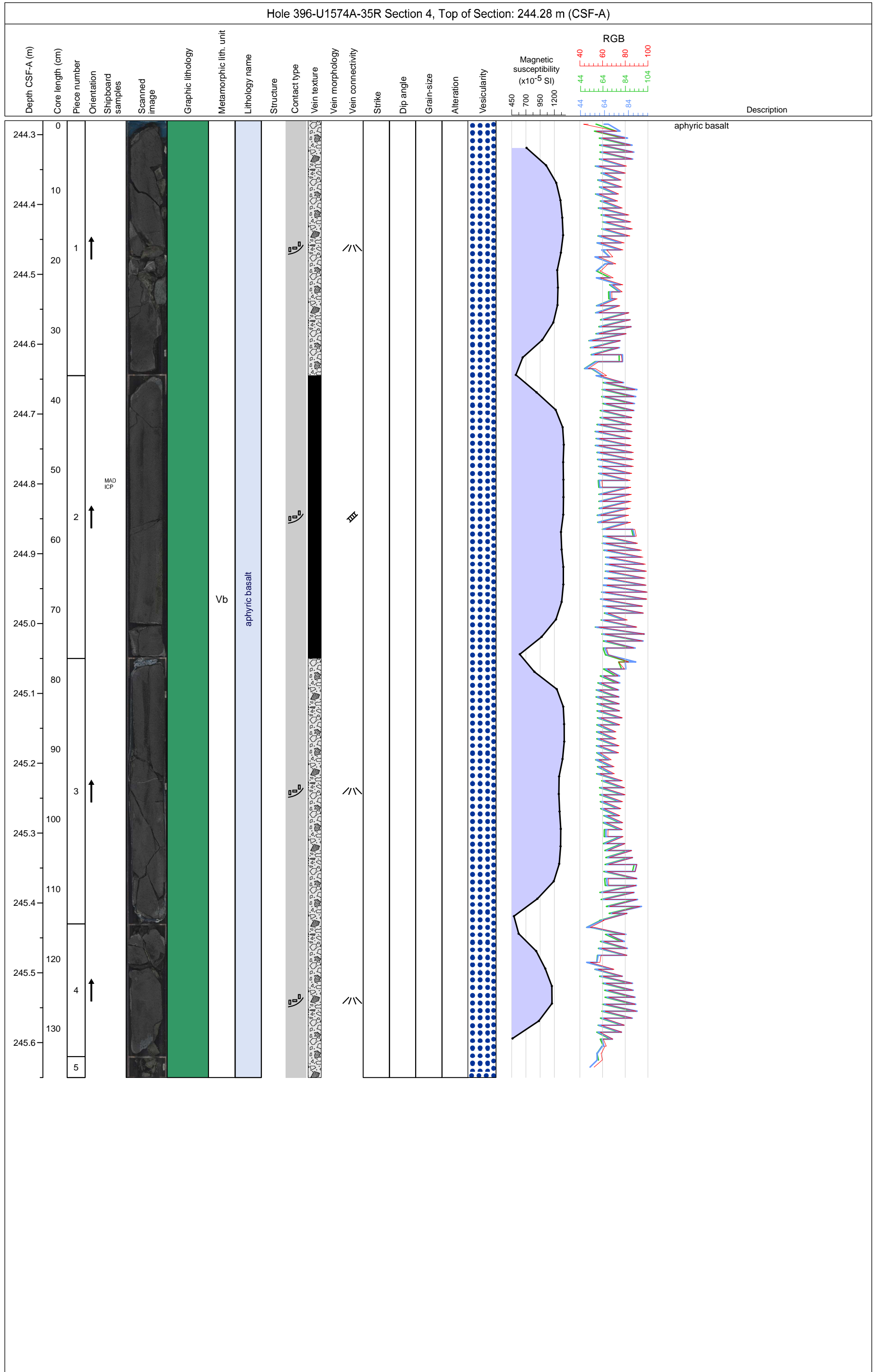


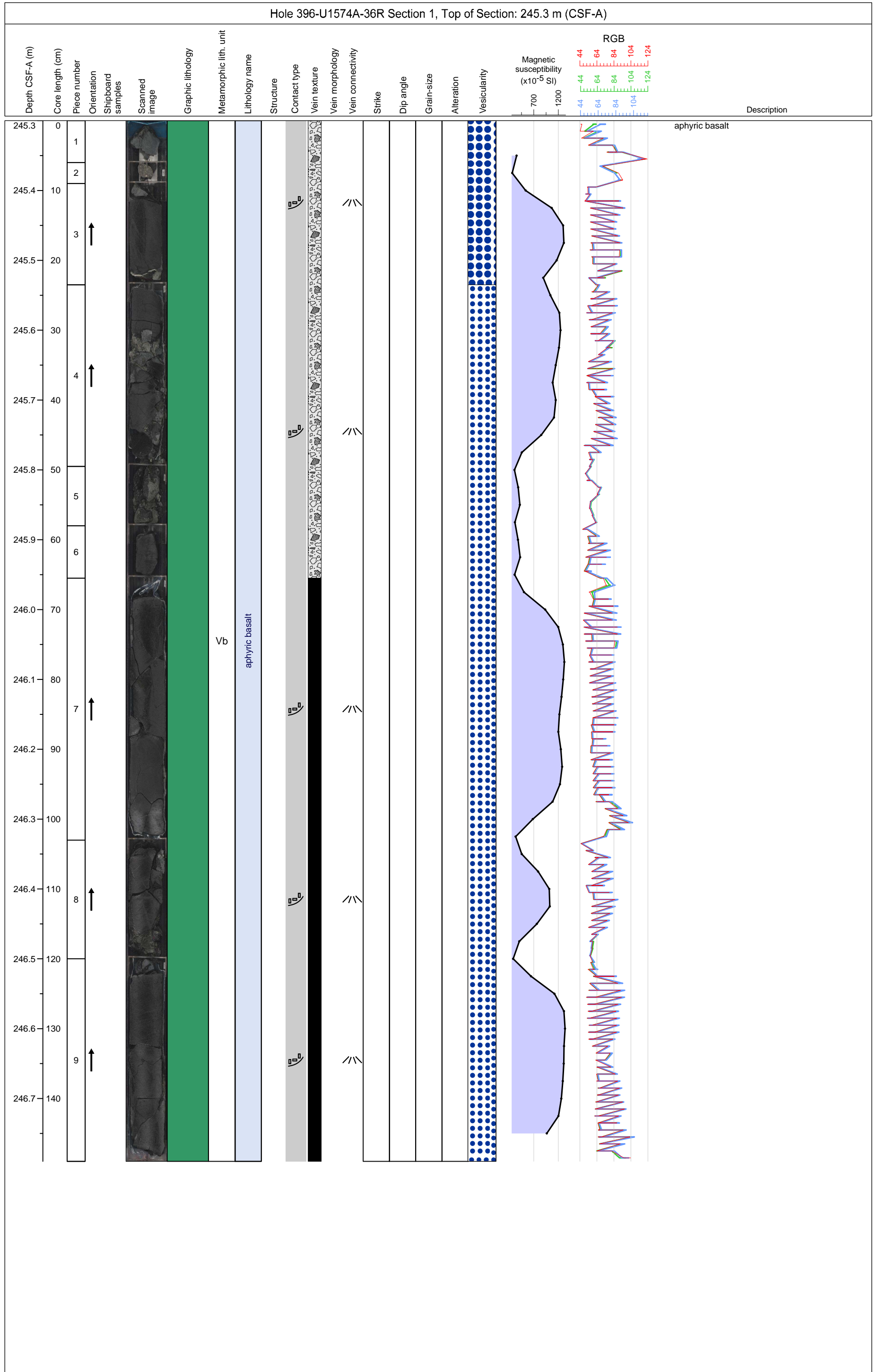


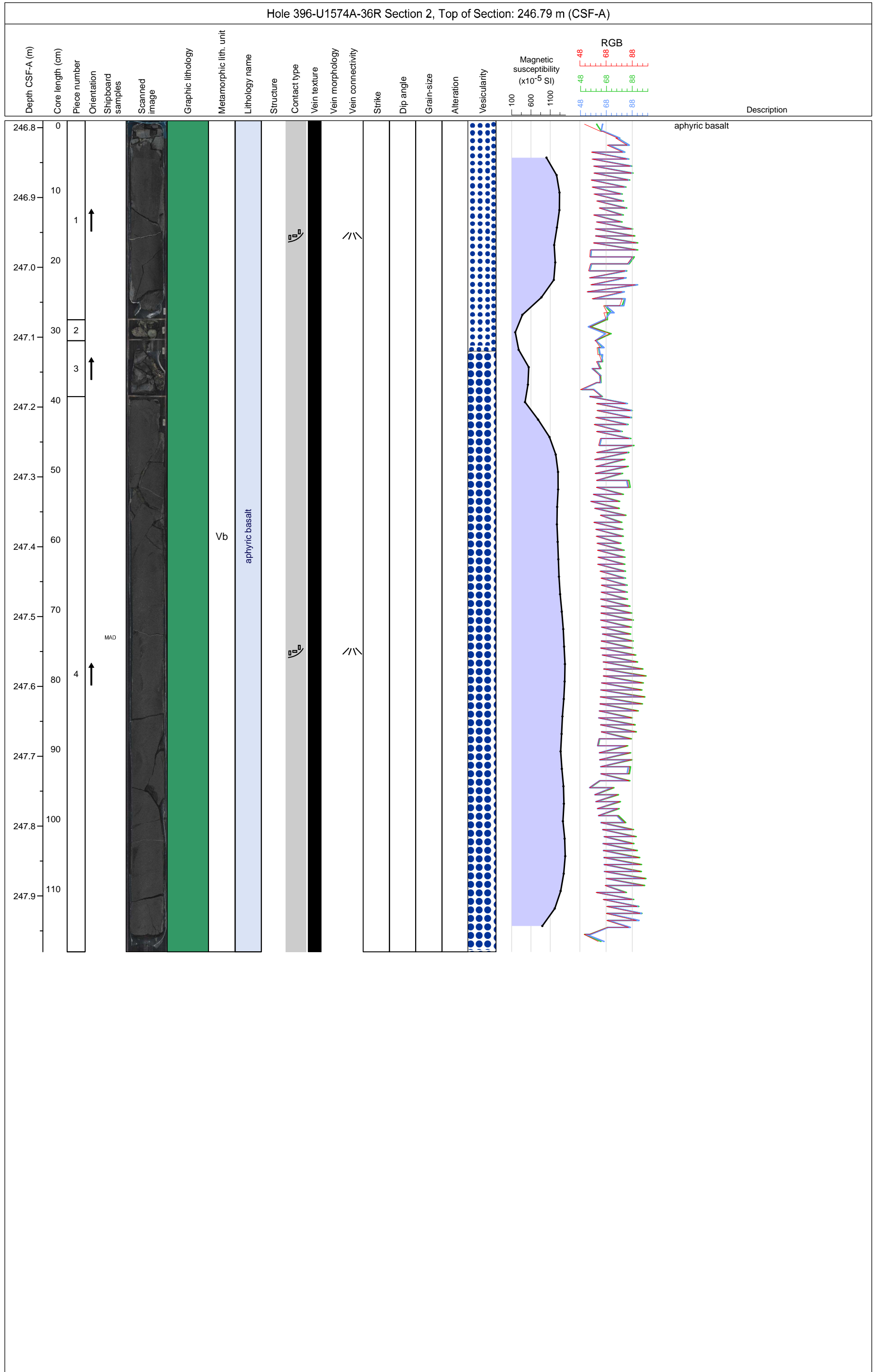


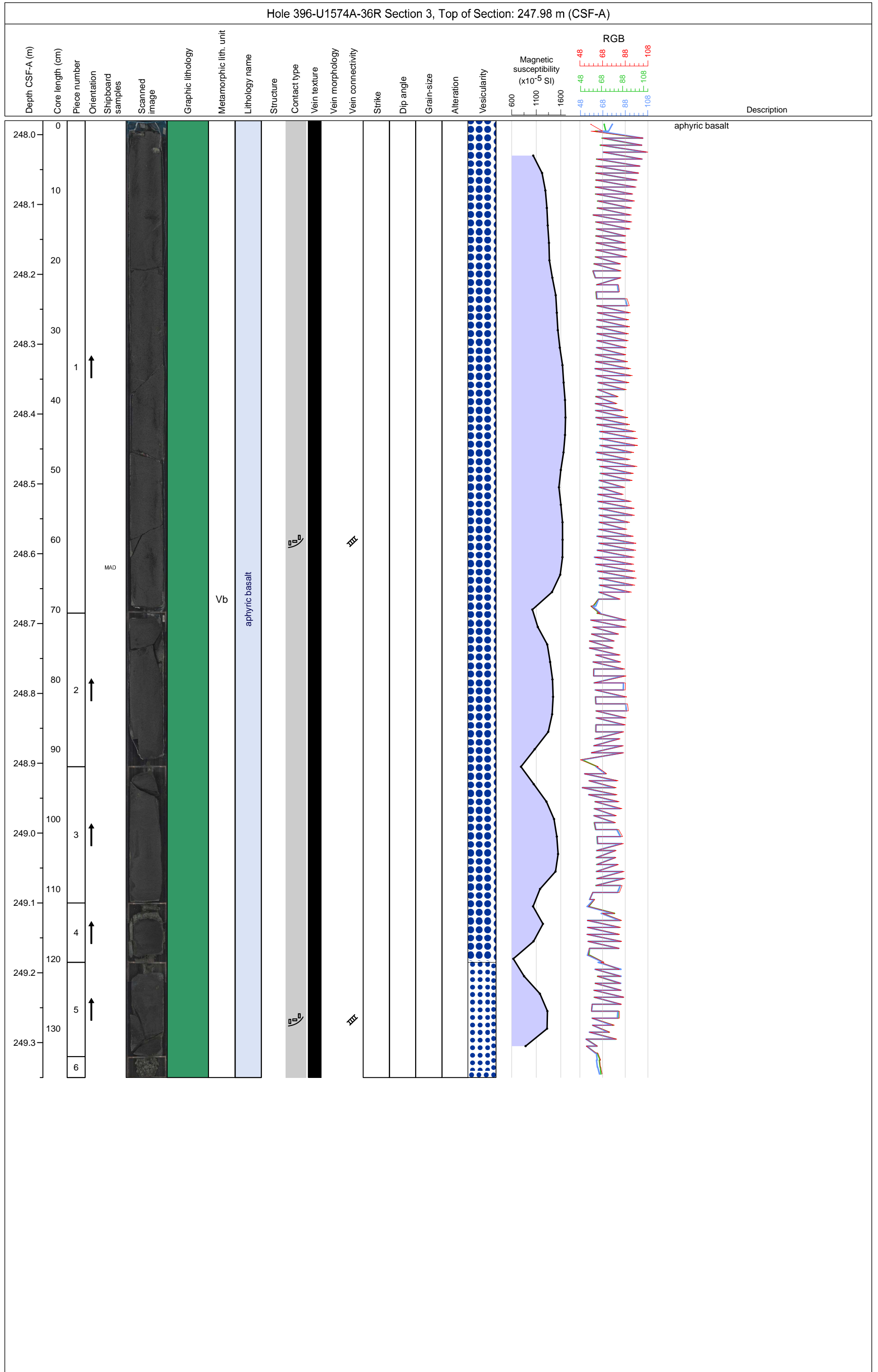


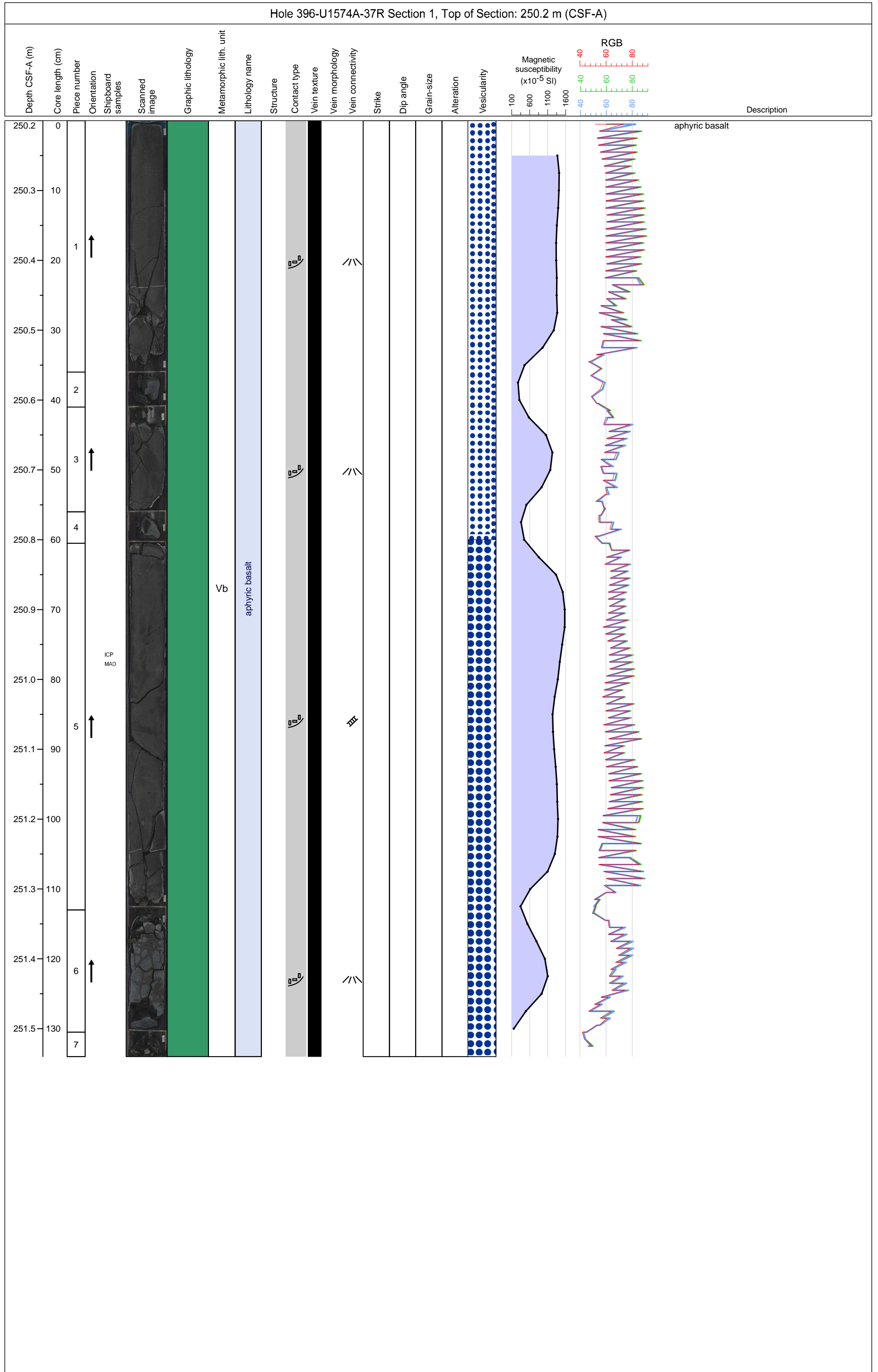


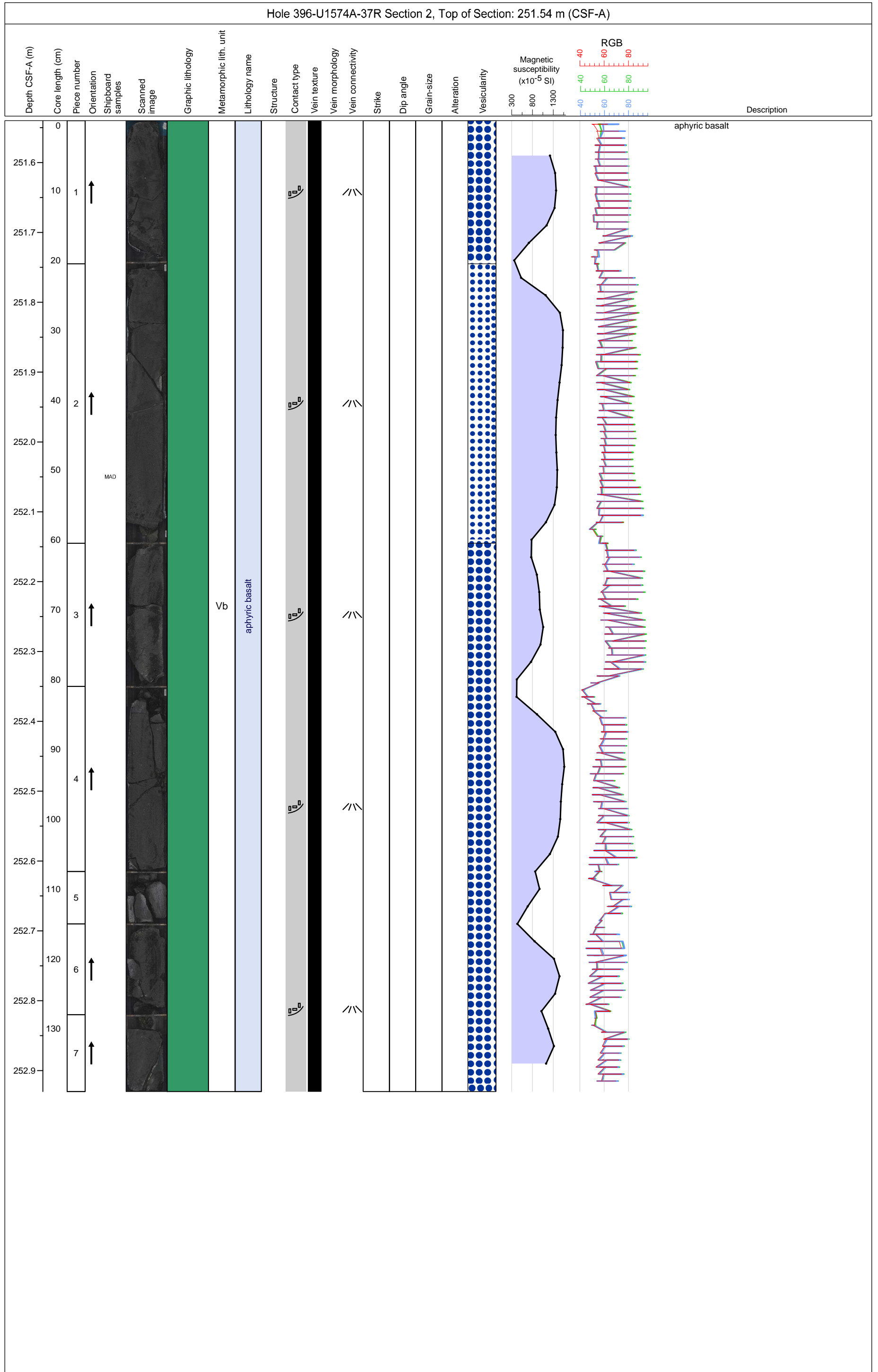


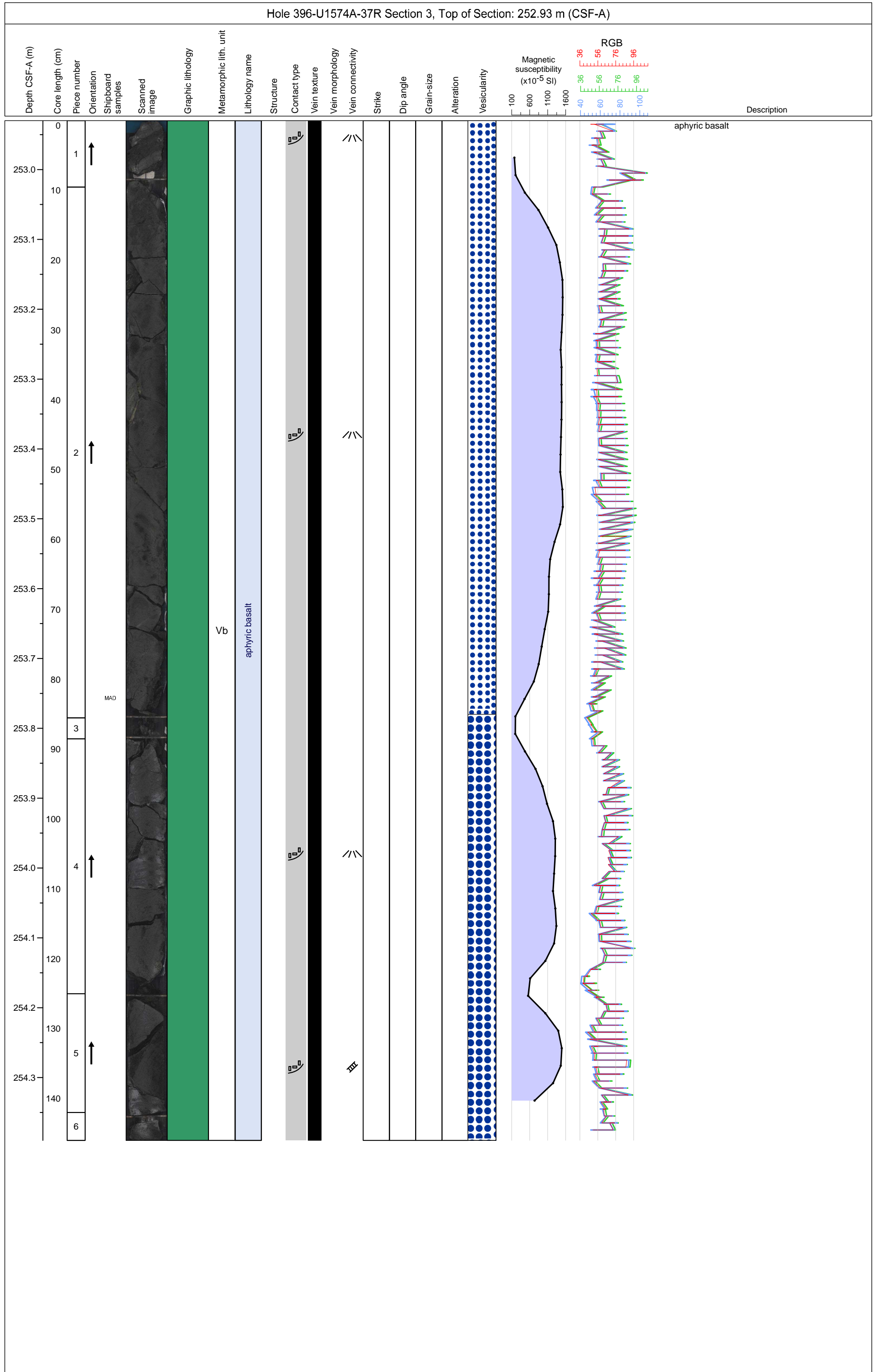


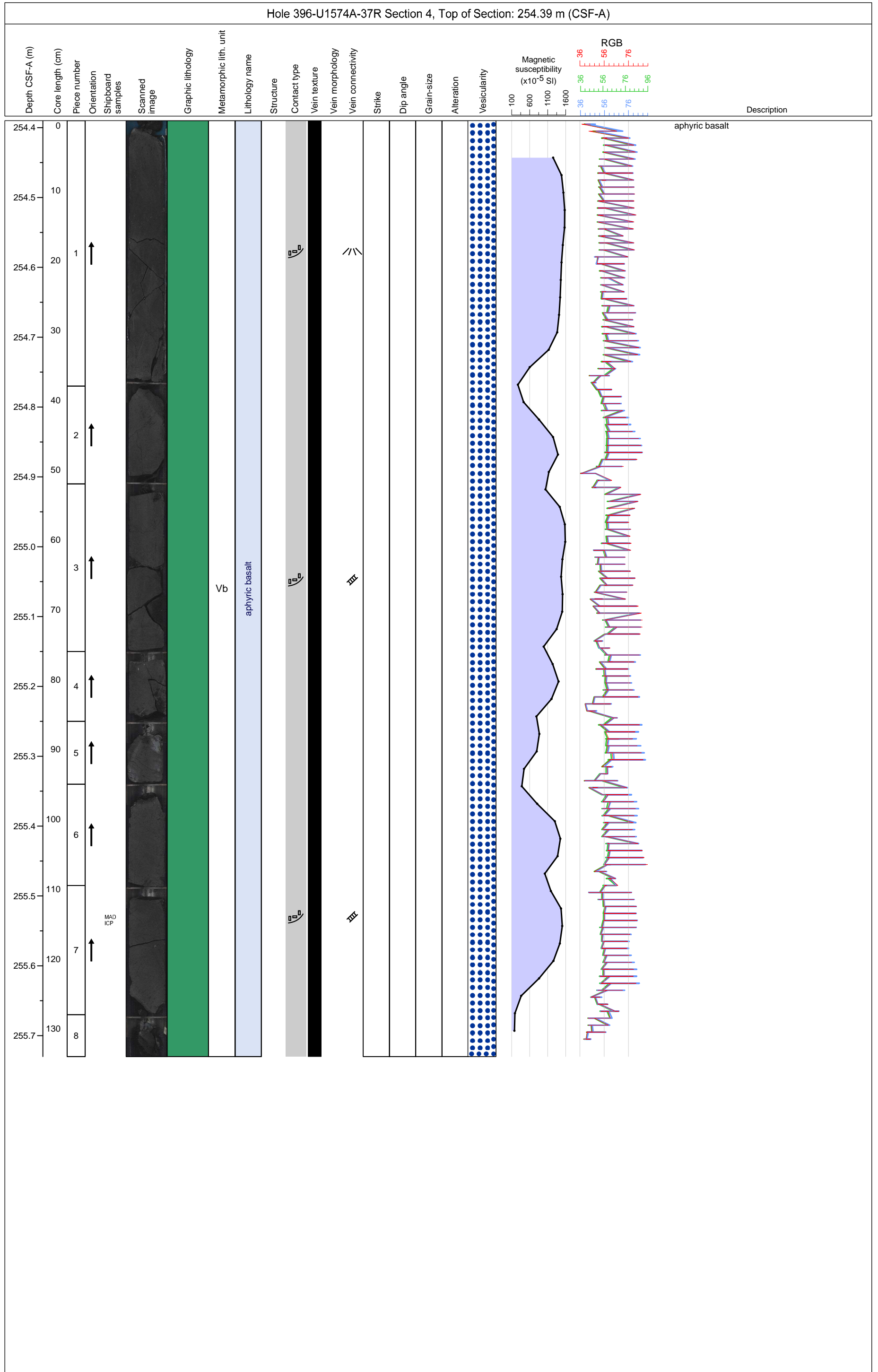


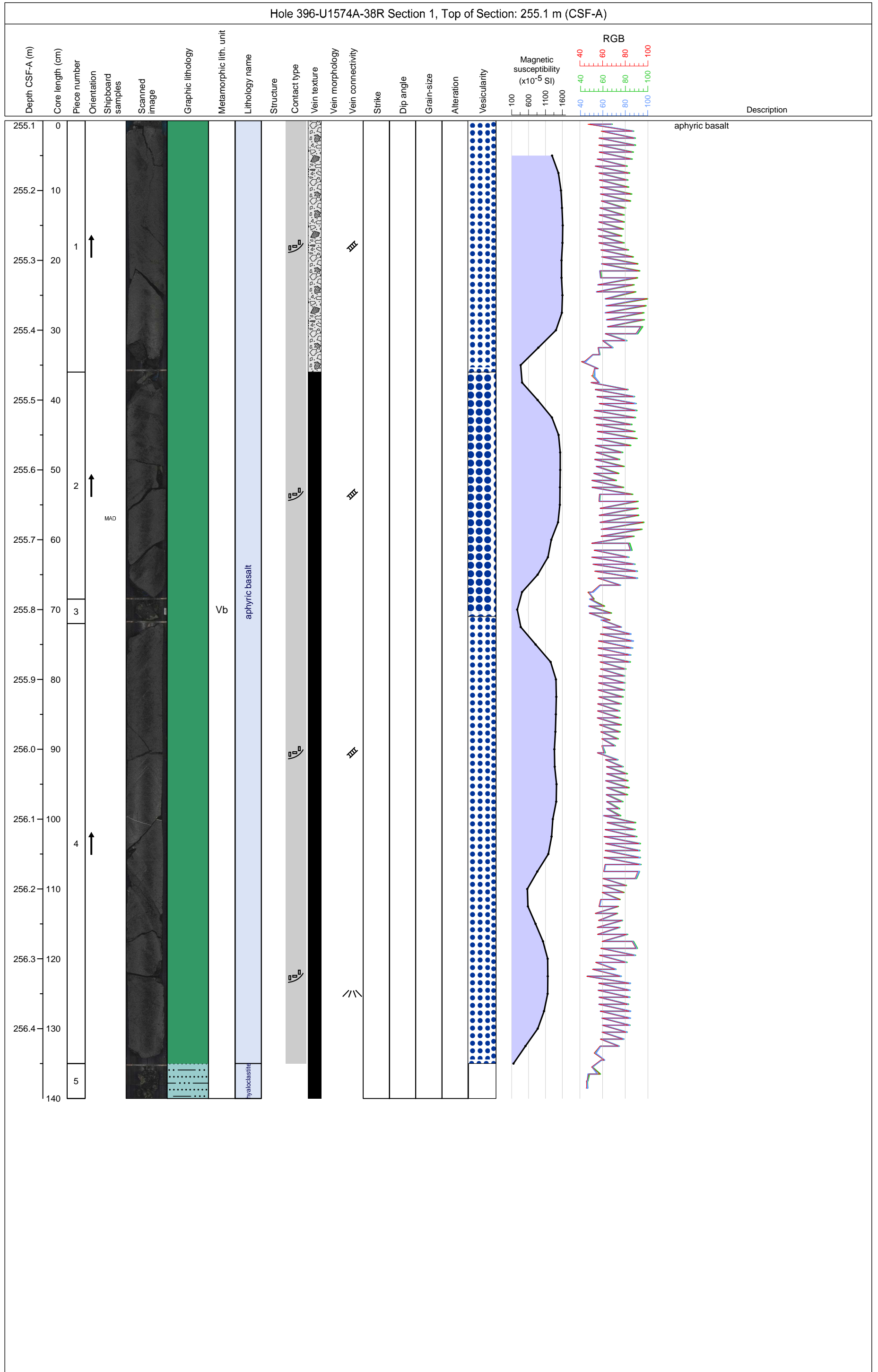


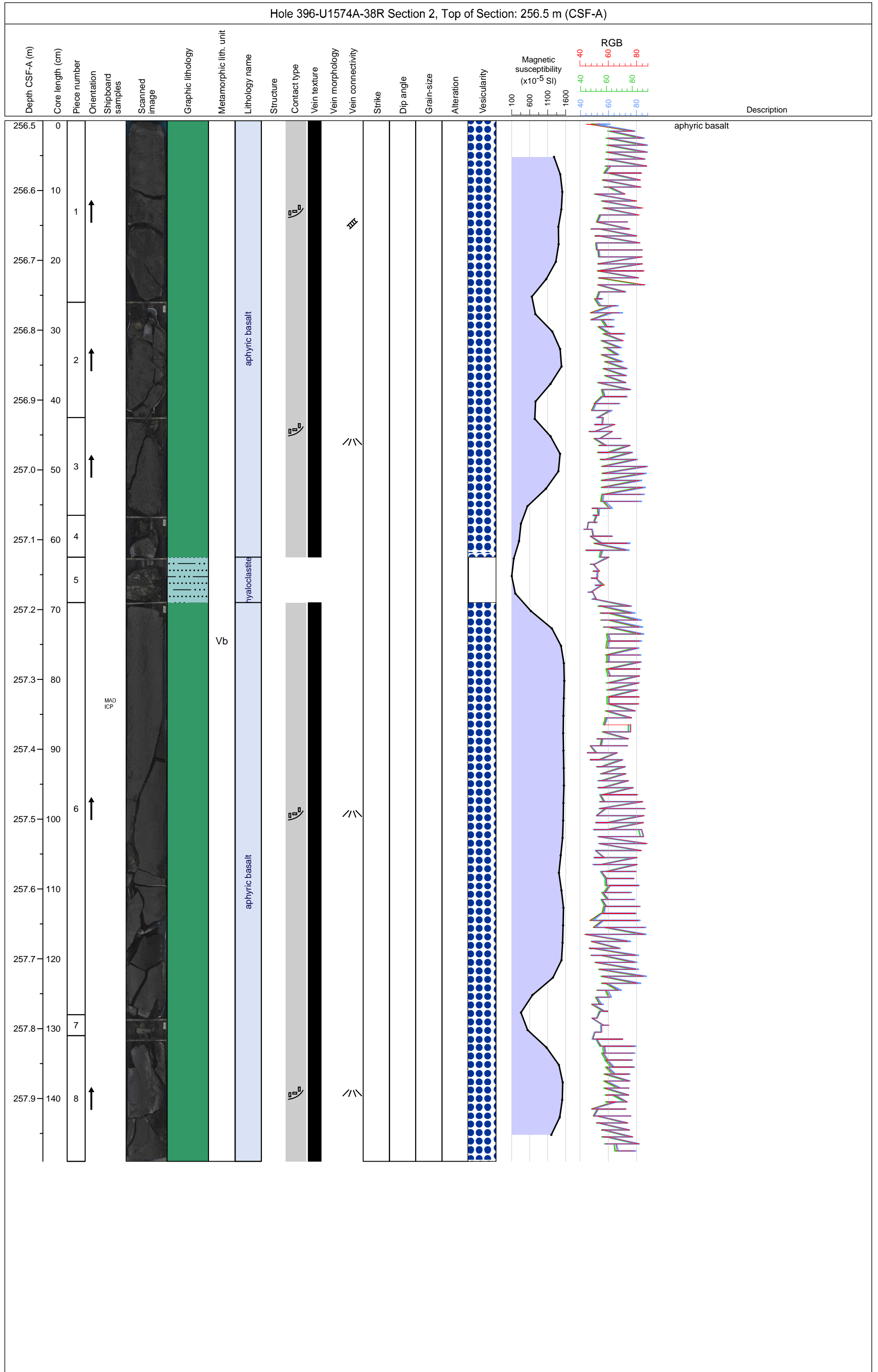


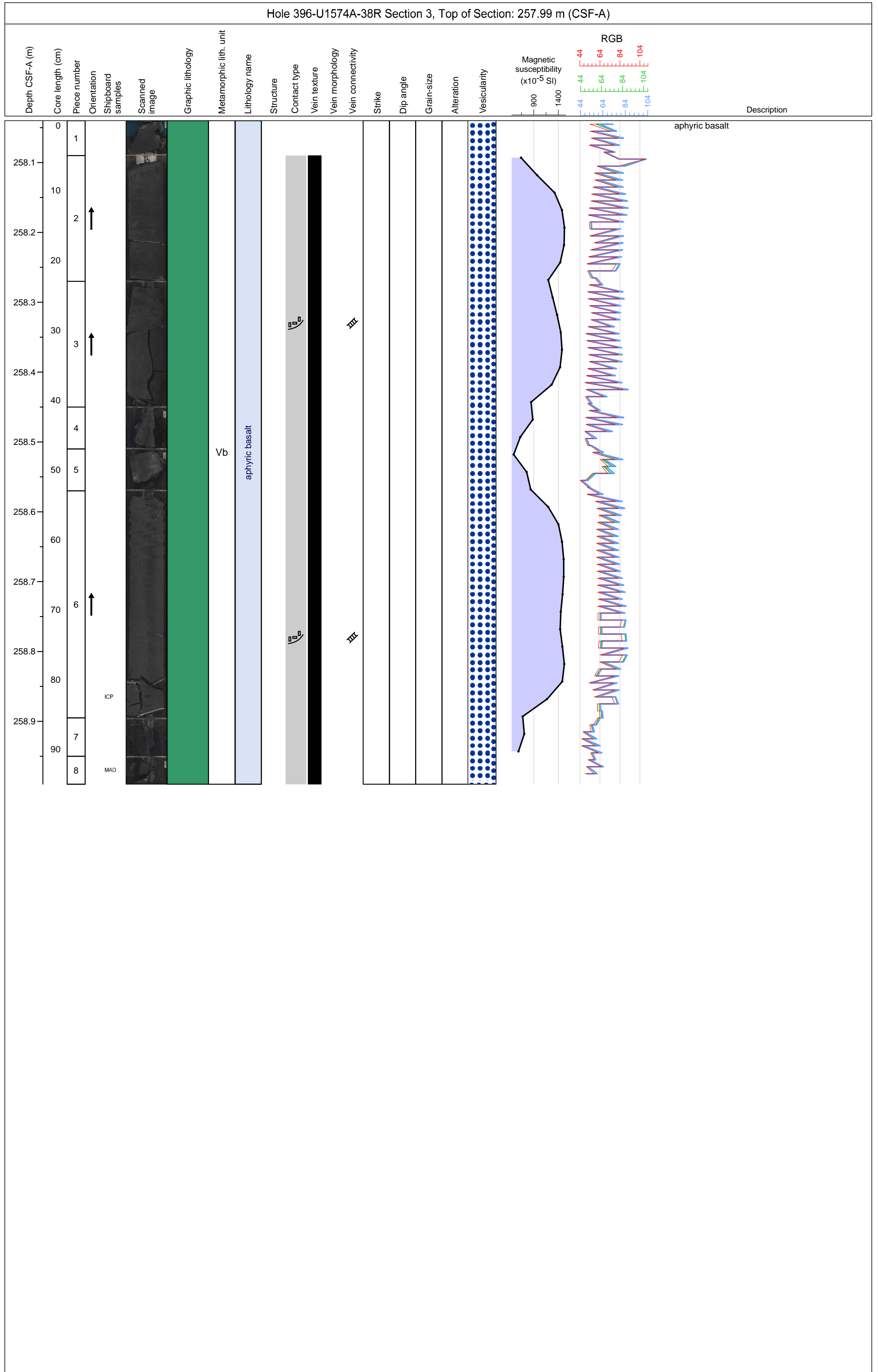


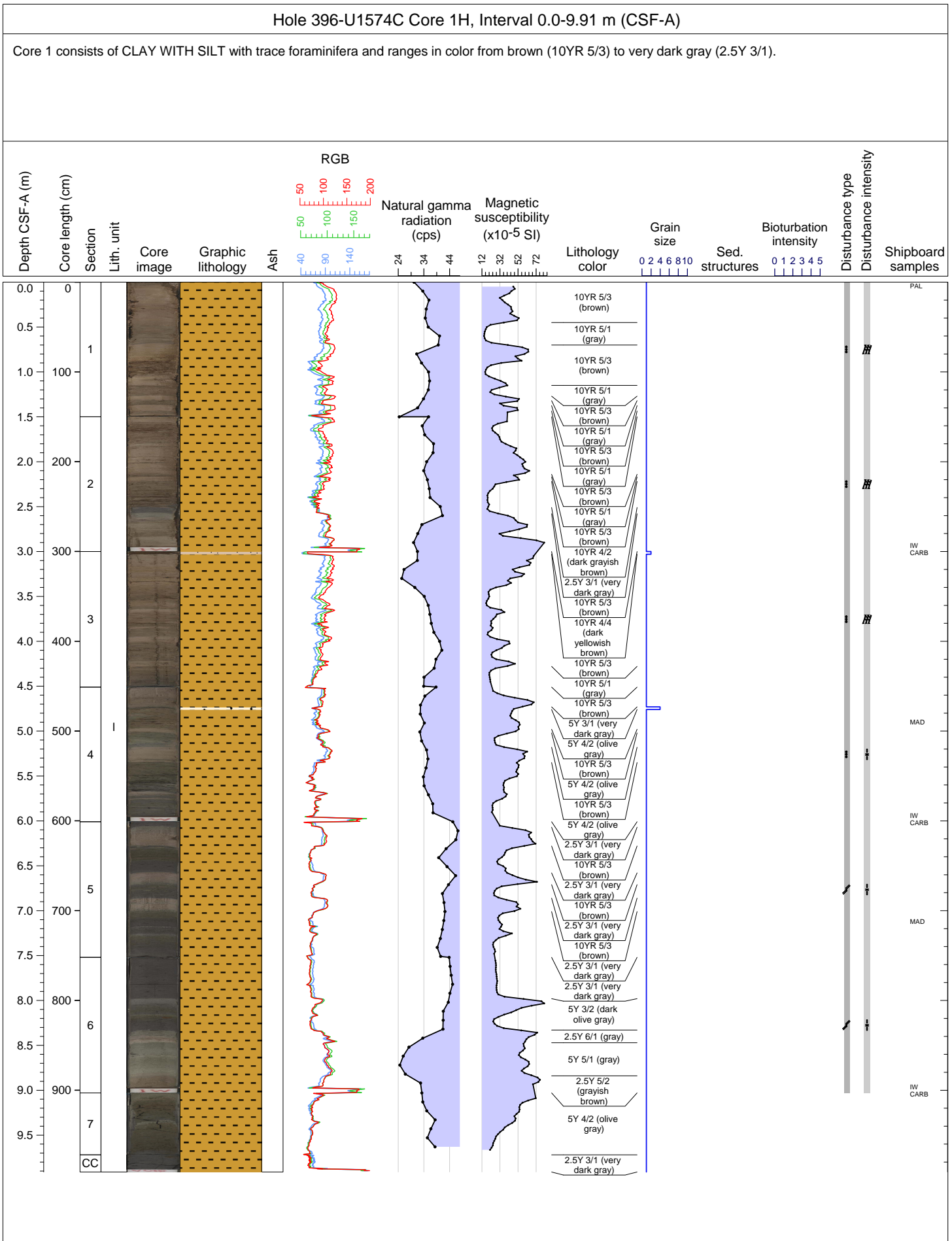


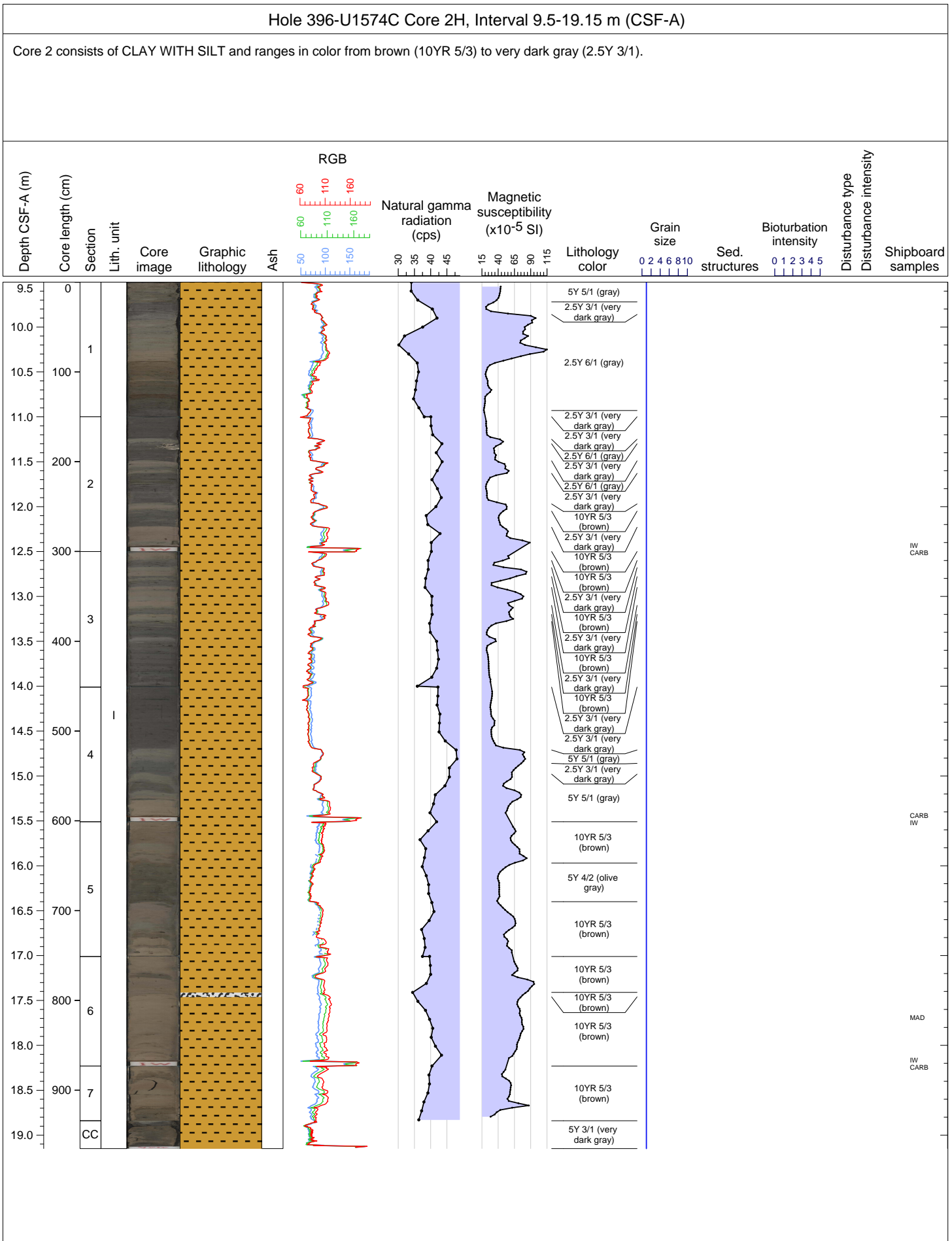


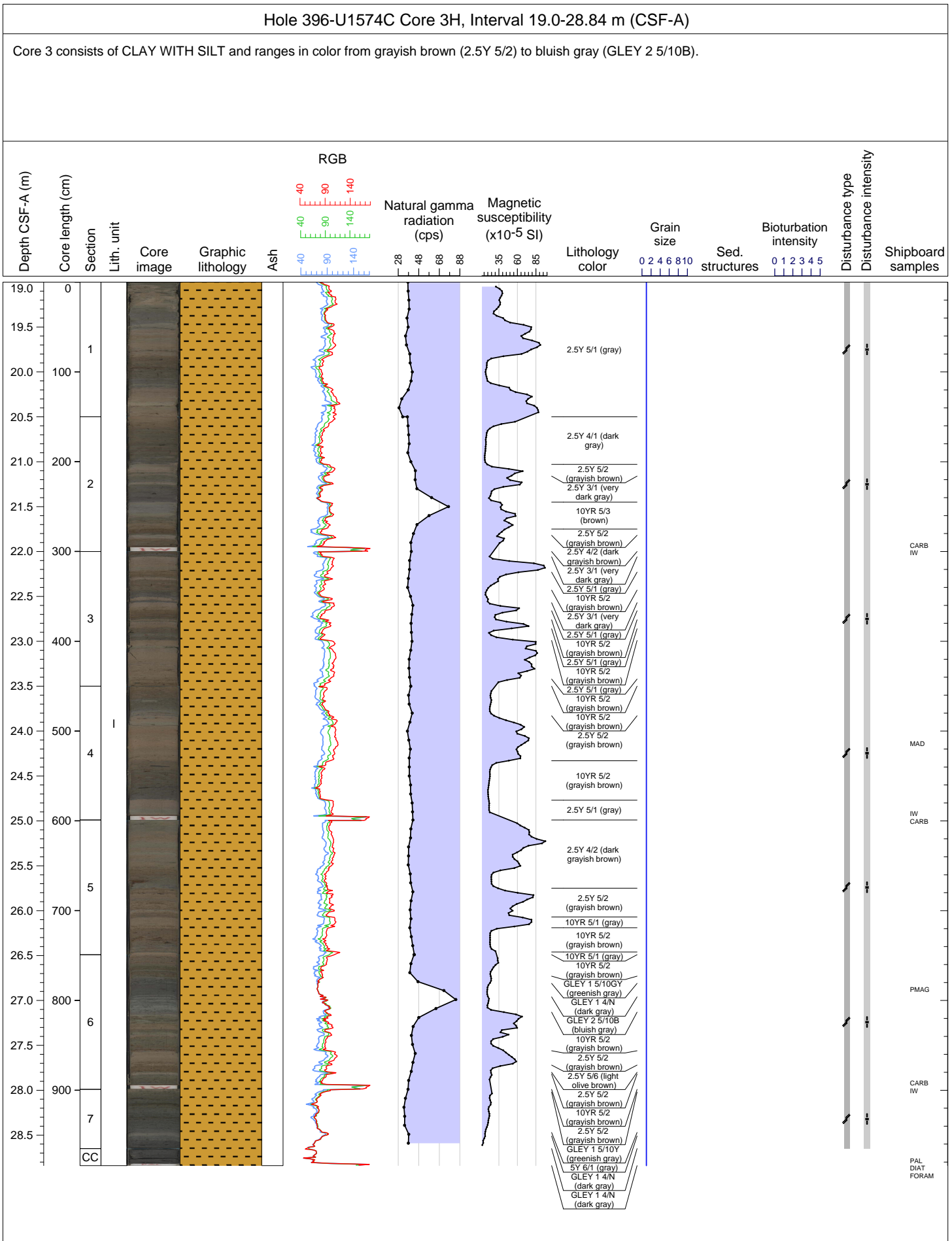


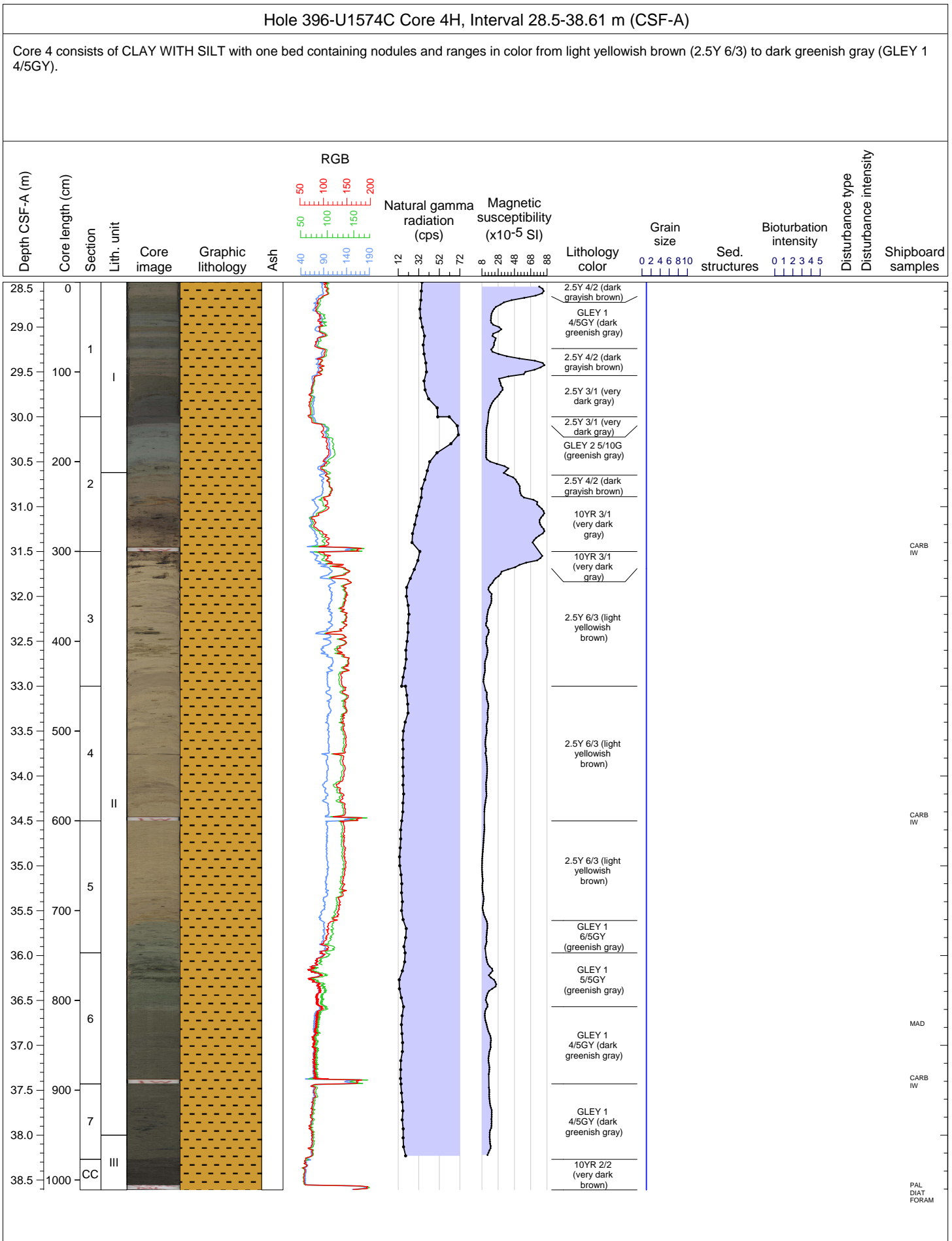






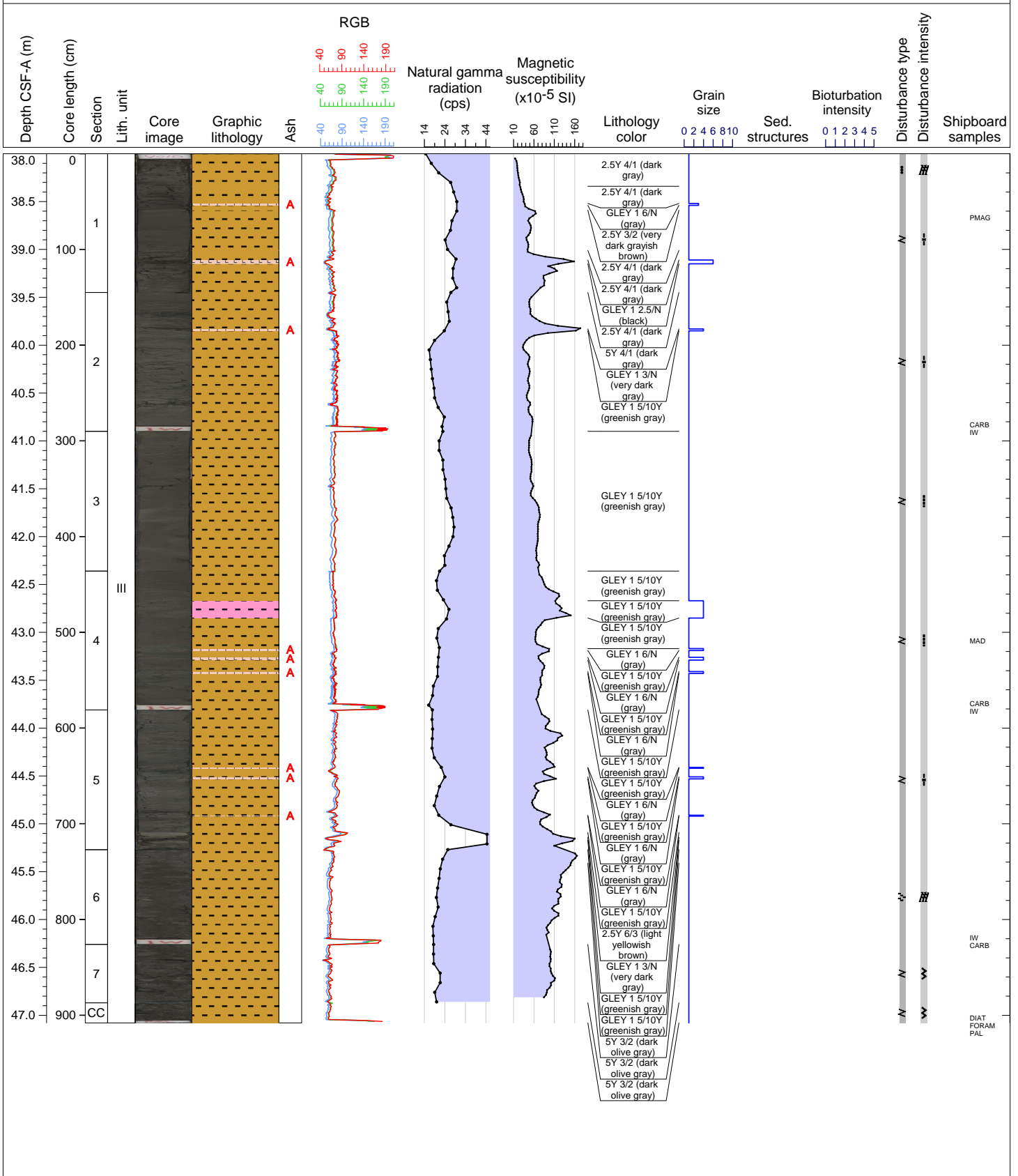






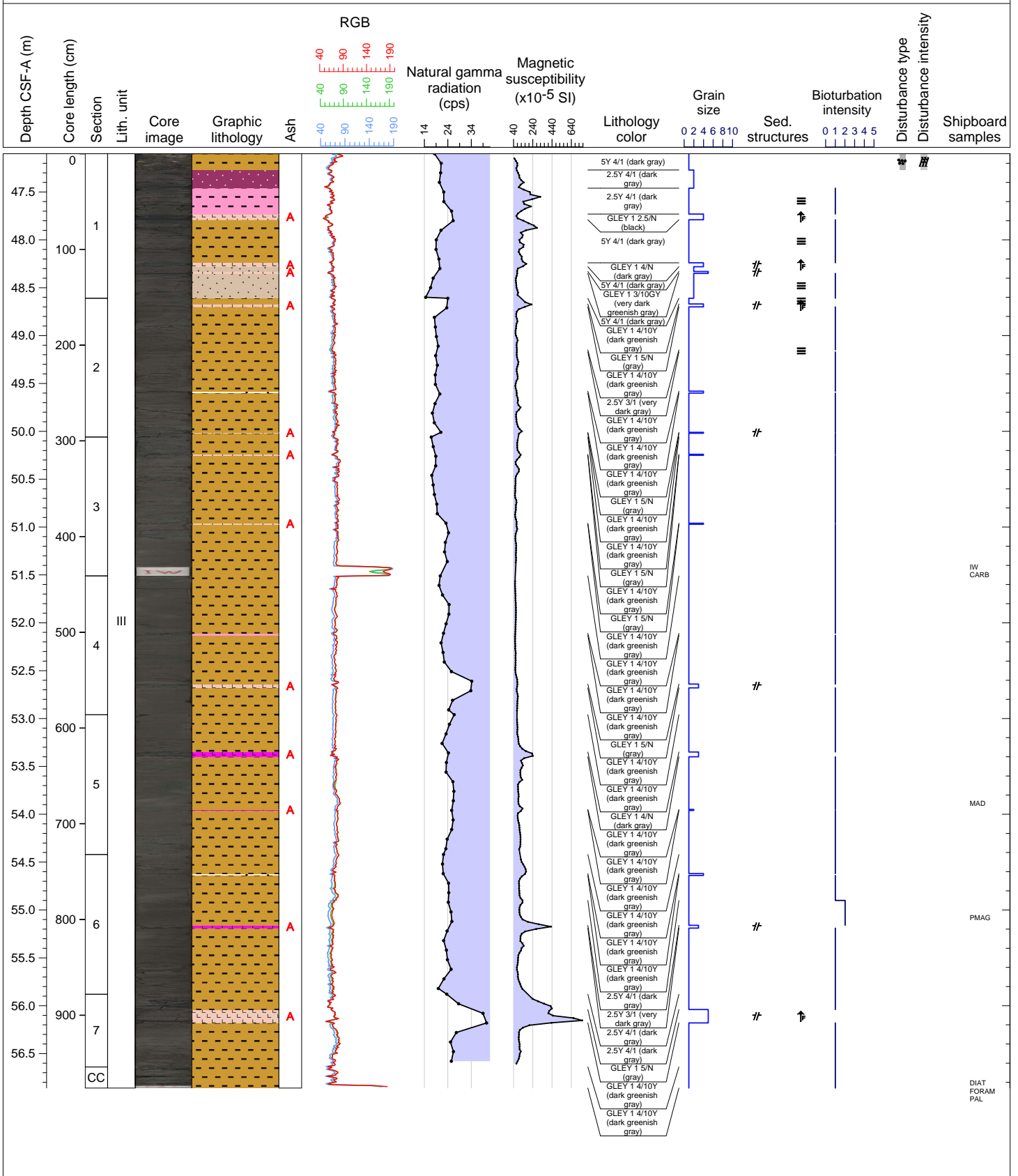
Hole 396-U1574C Core 5H, Interval 38.0-47.08 m (CSF-A)

Core 5 is CLAYSTONE WITH SILT interbedded with ASH and ranges in color from light yellowish brown (2.5Y 6/3) to greenish gray (GLEY 1 5/10Y).



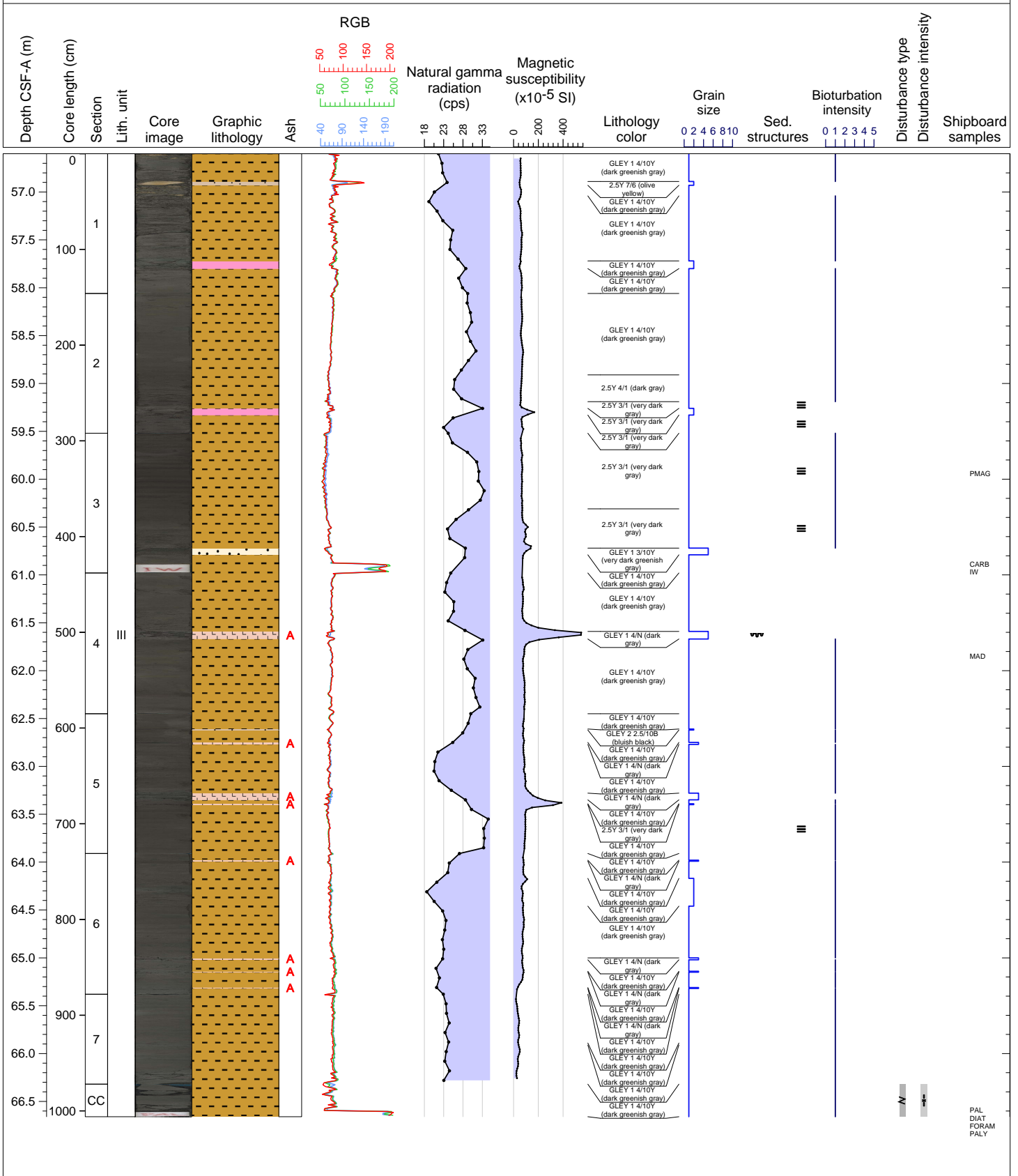
Hole 396-U1574C Core 6H, Interval 47.1-56.86 m (CSF-A)

Core 6 consists of alternating beds of CLAYSTONE, ASH and SILTSTONE. It ranges in color from very dark greenish gray (GLEY 1 3/10GY) to gray (GLEY 1 5/N). The uppermost section contains parallel lamination and it is slightly bioturbated throughout.



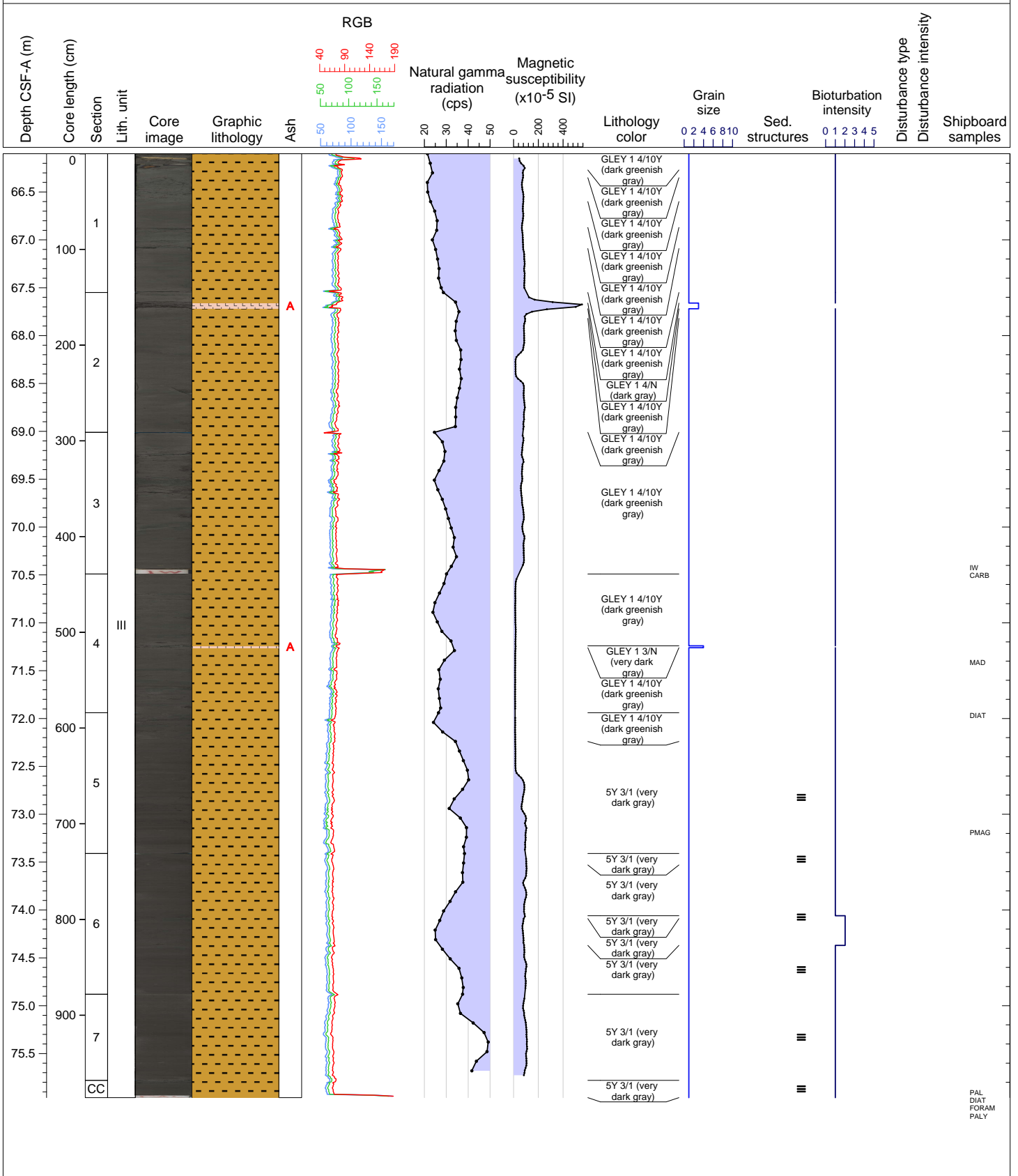
Hole 396-U1574C Core 7H, Interval 56.6-66.66 m (CSF-A)

Core 7 is interbedded CLAYSTONE, sometimes with SILT, and ASH. Some intervals contain parallel lamination and there is slight bioturbation throughout. The color ranges from olive yellow (2.5Y 7/6) to dark greenish gray (GLEY 1 4/10Y).



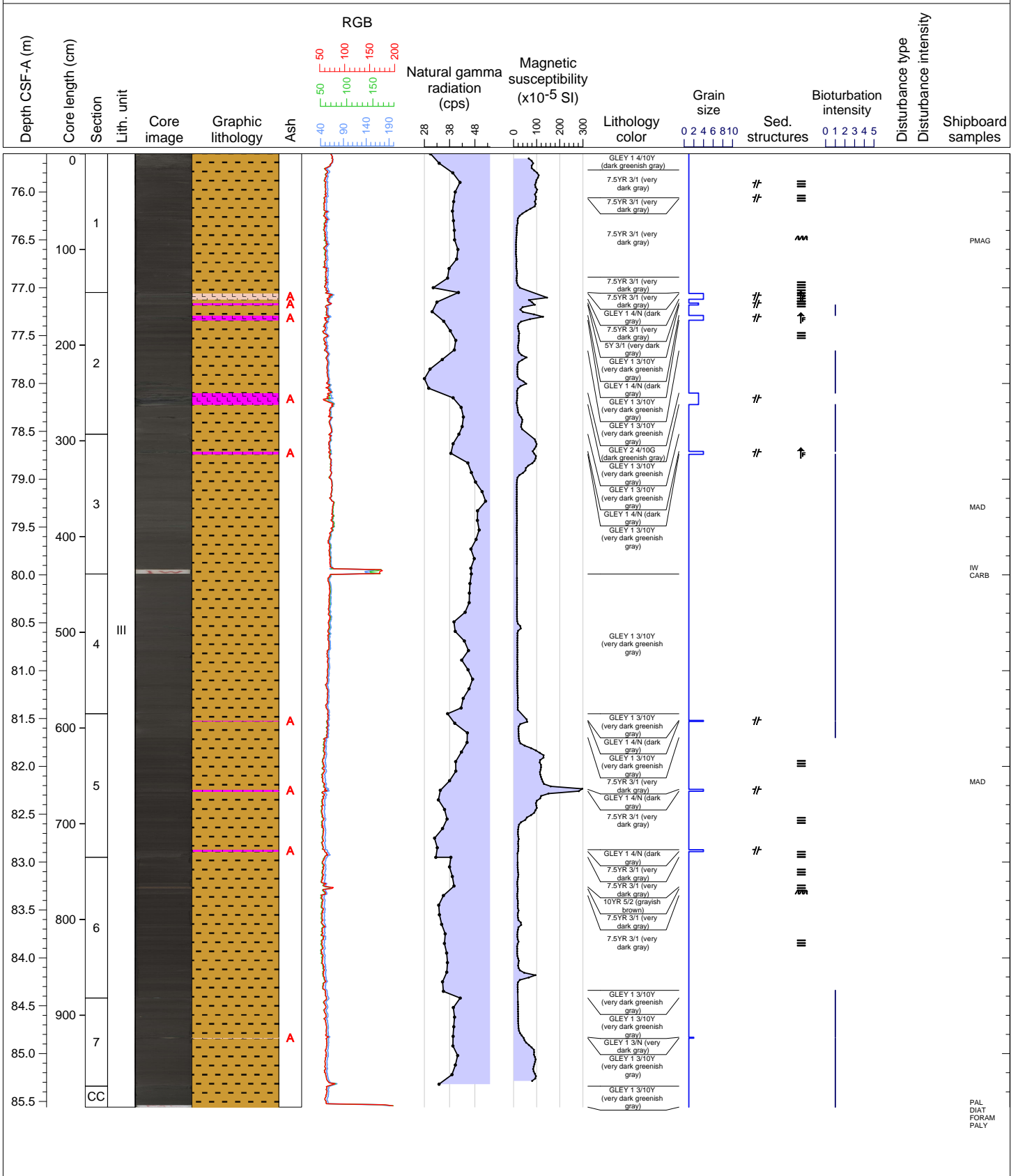
Hole 396-U1574C Core 8H, Interval 66.1-75.96 m (CSF-A)

Core 8 is CLAYSTONE WITH SILT, and contains trace ASH beds. It is slightly bioturbated throughout with parallel lamination in the lowermost interval. The color ranges from very dark gray (5Y 3/1) to dark greenish gray (GLEY 1 4/10Y).



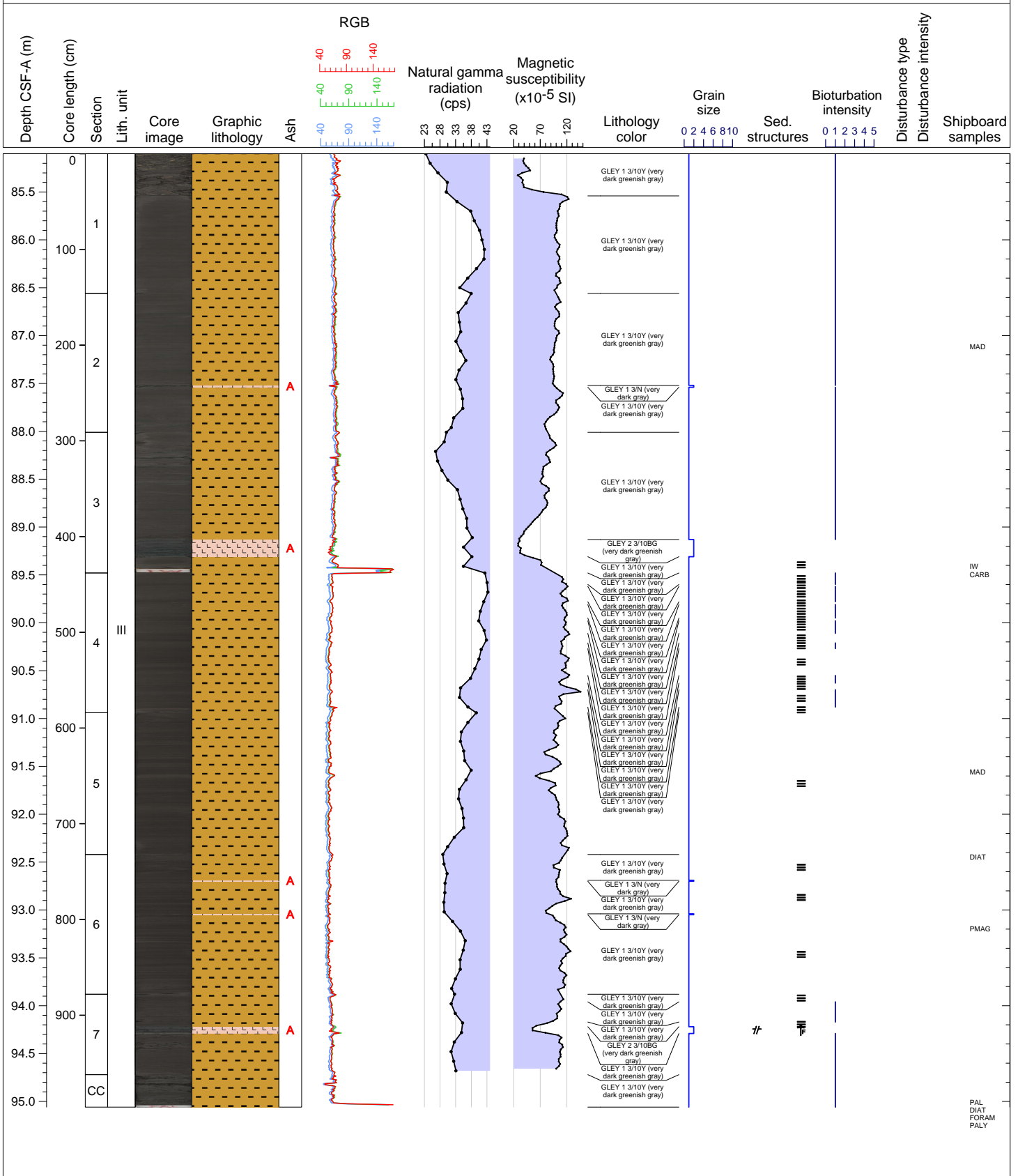
Hole 396-U1574C Core 9H, Interval 75.6-85.56 m (CSF-A)

Core 9 is CLAYSTONE interbedded with CLAY-RICH ASH, with strong parallel lamination and some bioturbated intervals. Basal contacts of ashes are erosive and horizontal. The color ranges from grayish brown (10YR 5/2) to very dark greenish gray (GLEY 1 3/10Y).



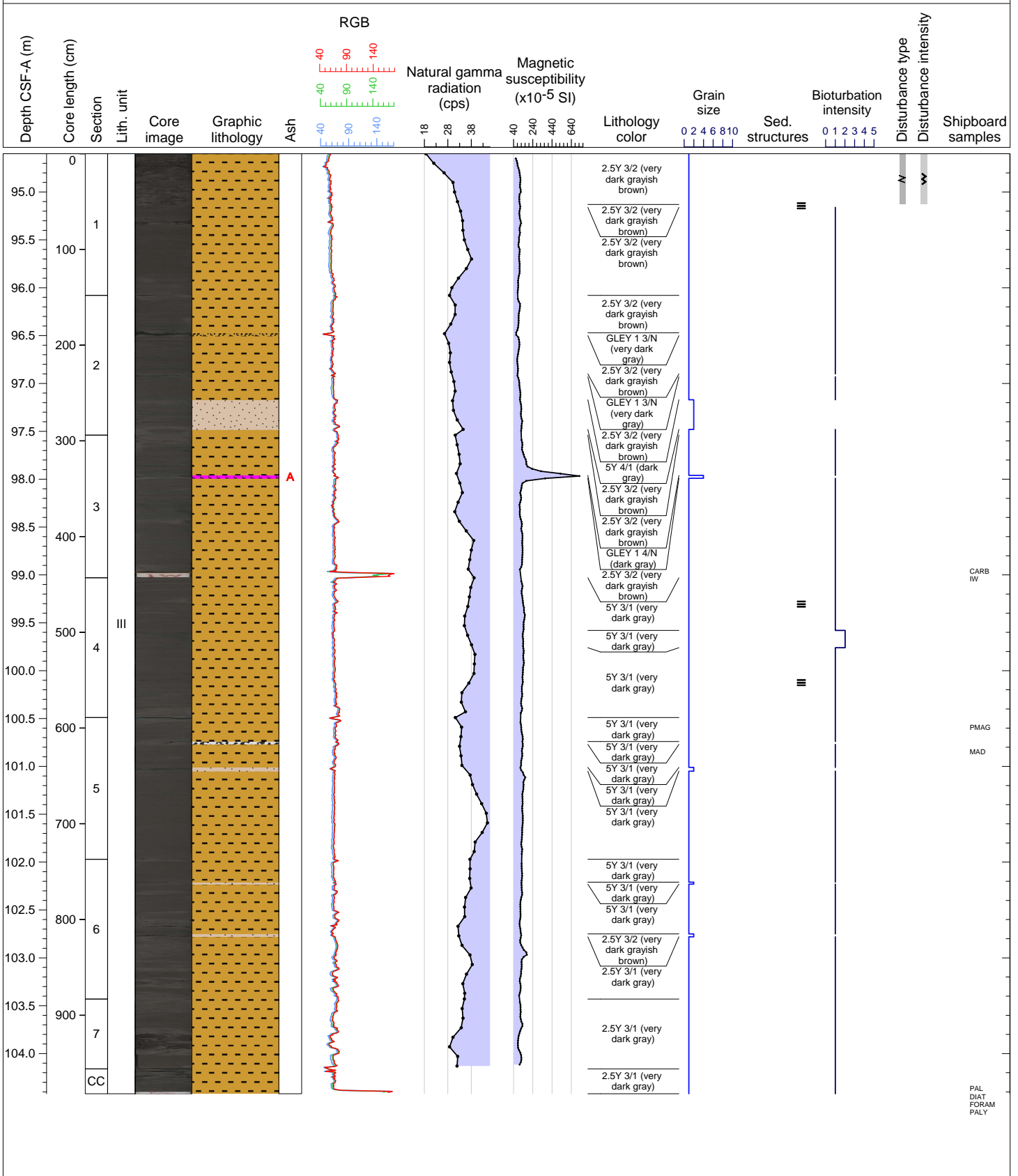
Hole 396-U1574C Core 10H, Interval 85.1-95.06 m (CSF-A)

Core 10 is CLAYSTONE interbedded with ASH, with strong parallel lamination and some bioturbated intervals. The color ranges from very dark gray (GLEY 1 3/N) to very dark greenish gray (GLEY 1 3/10Y).



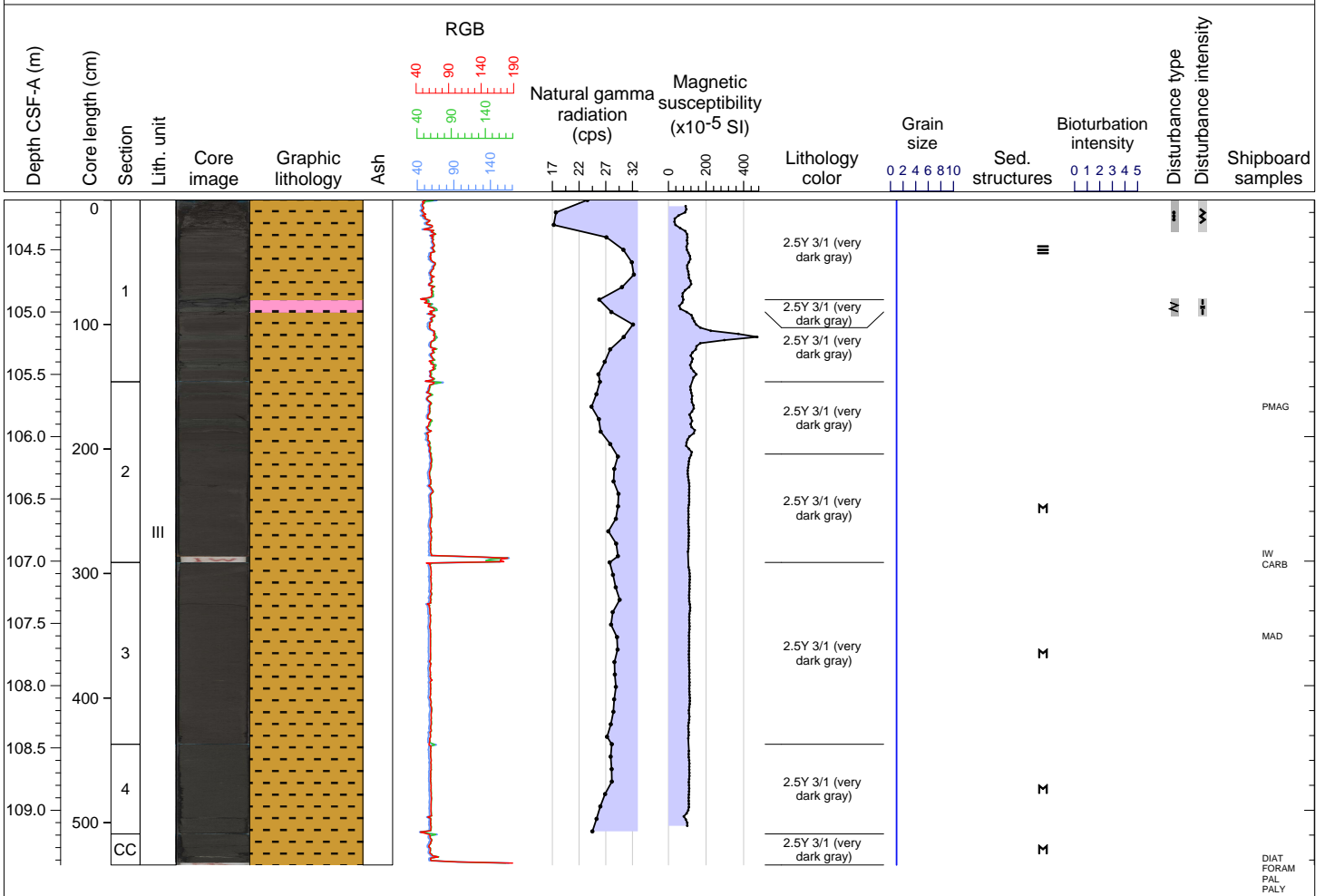
Hole 396-U1574C Core 11H, Interval 94.6-104.42 m (CSF-A)

Core 11 is CLAYSTONE WITH SILT with some beds of SILTSTONE and ASH. The color ranges from very dark grayish brown (2.5Y 3/2) to dark gray (GLEY 1 4/N). Light parallel lamination and bioturbation are common throughout.



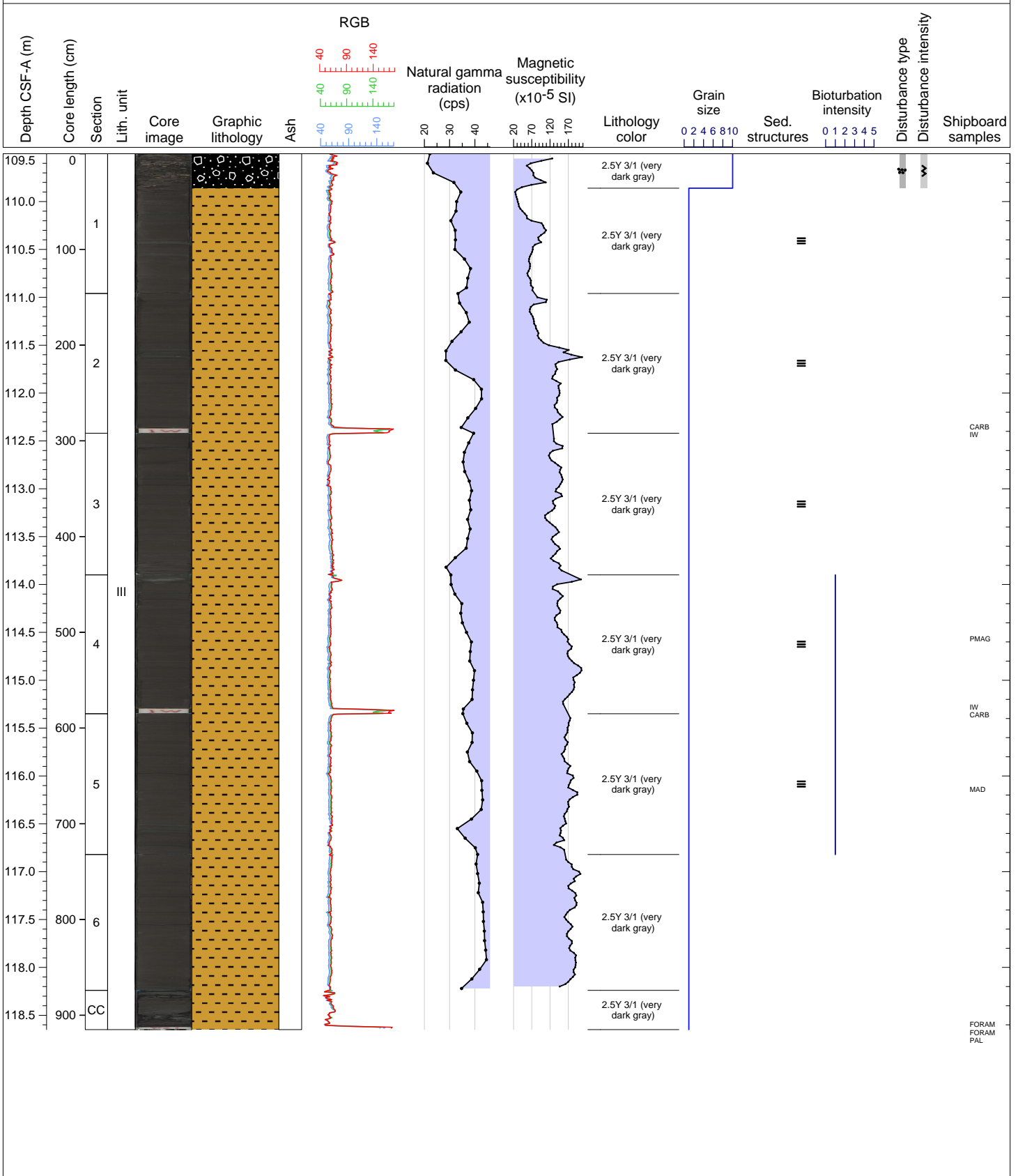
Hole 396-U1574C Core 12H, Interval 104.1-109.44 m (CSF-A)

Core 12 consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt. In section 1 weakly lamination is observed. An ash rich interval at 80-90 cm is present with nodules. Soft sediment deformation is present at the bottom of section 1. Middle of section 2 to the end of the core is massive claystone with silt with no structures observed.



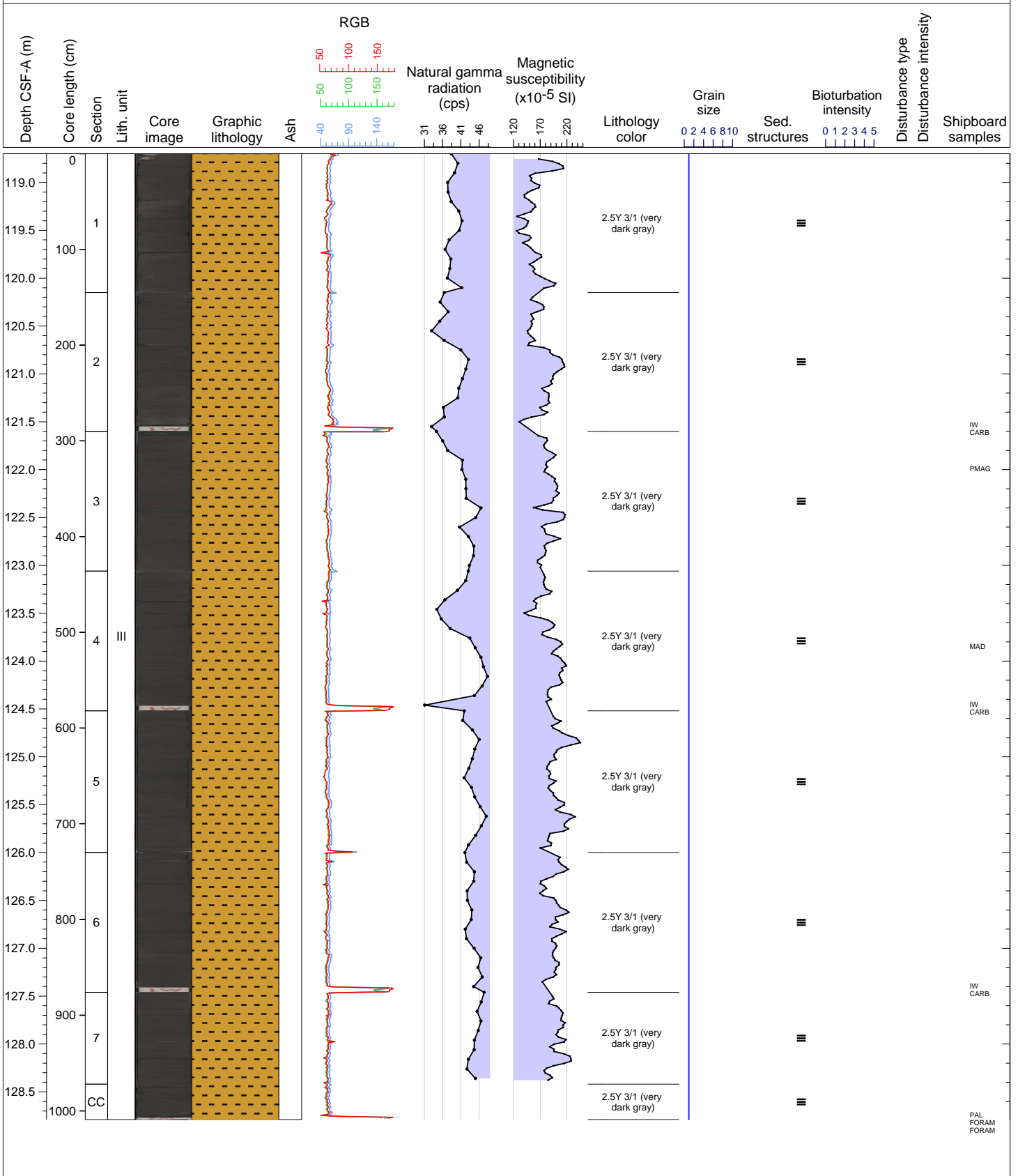
Hole 396-U1574C Core 13H, Interval 109.5-118.65 m (CSF-A)

Core 13 consists of very dark gray (2.5Y 3/1) CLAYSTONE with ash. Weak lamination is observed throughout. Trace macrofossils such as gastropods and bivalve are also present. The ash beds are 1-2 cm scale.



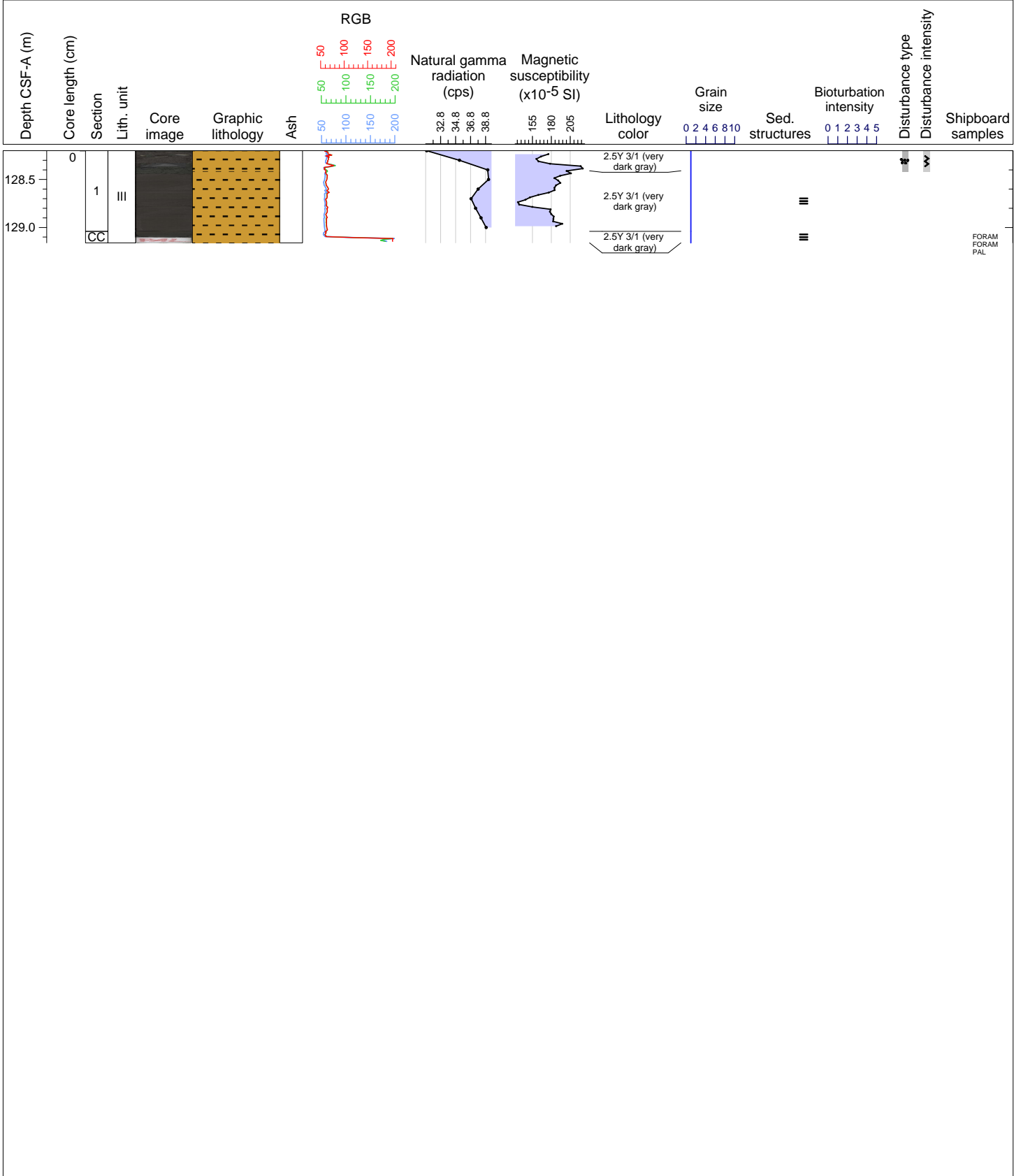
Hole 396-U1574C Core 14H, Interval 118.7-128.79 m (CSF-A)

Core 14 consists of very dark gray (2.5Y 3/1) CLAYSTONE with ash. Weak lamination is observed throughout. Trace macrofossils such as gastropods and bivalve are also present. The ash beds are 1-2 cm scale.



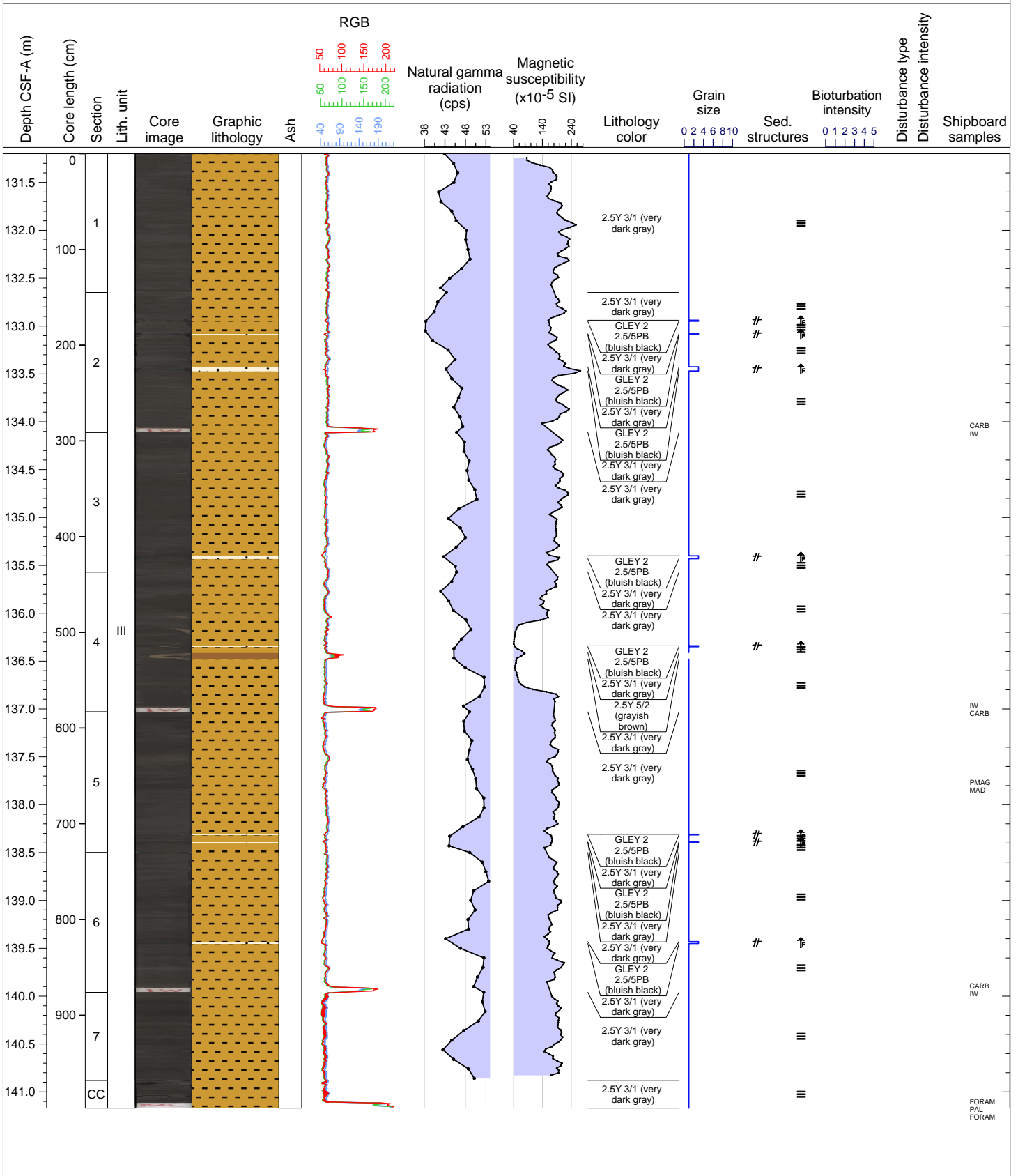
Hole 396-U1574C Core 15H, Interval 128.2-129.16 m (CSF-A)

Core 15 consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt. Weak lamination is observed throughout. At the top part there are gravels due to fall in.



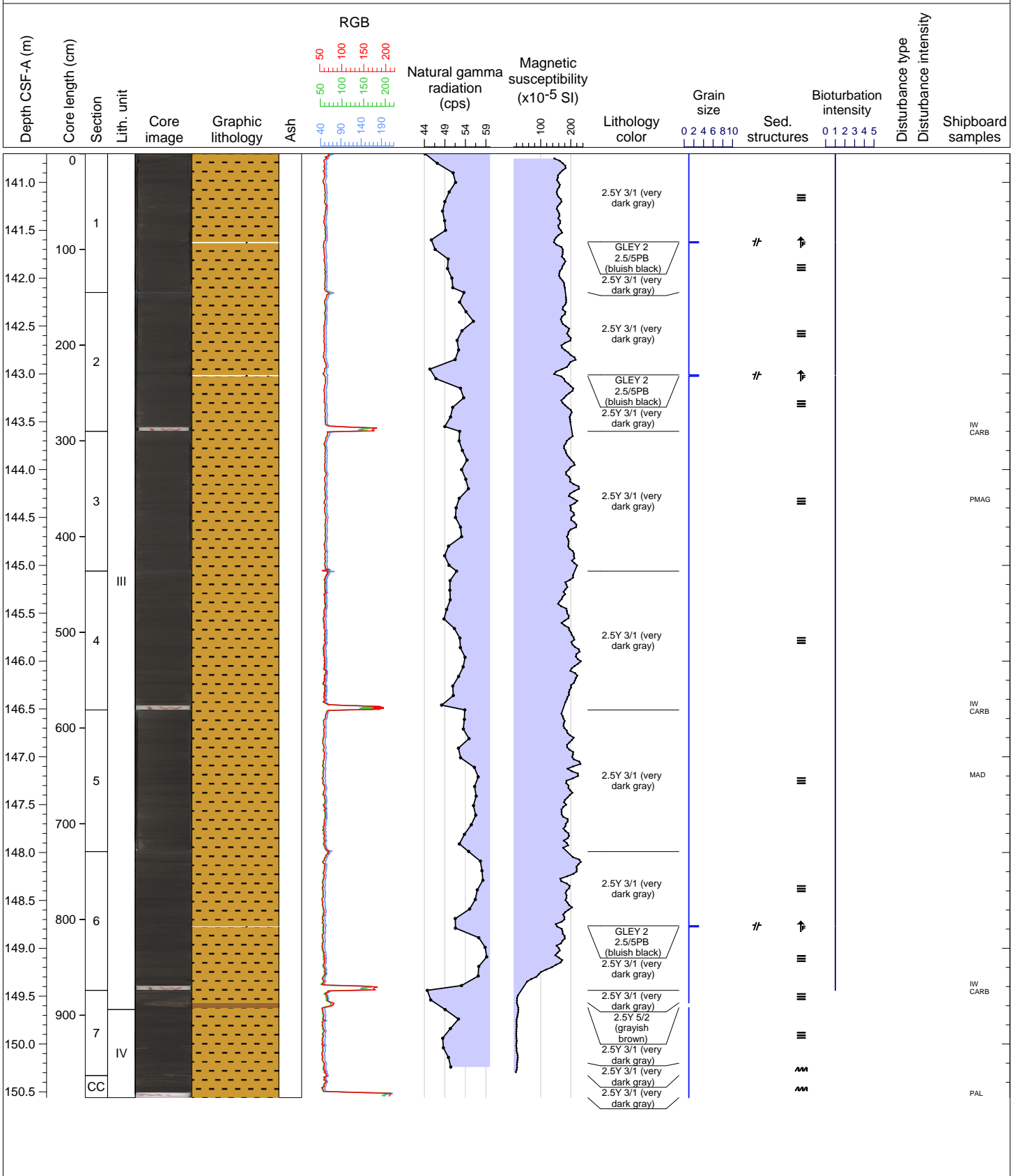
Hole 396-U1574C Core 16H, Interval 131.2-141.17 m (CSF-A)

Core 16 consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt. Weak lamination is observed throughout. A carbonate nodule is present in section 4.



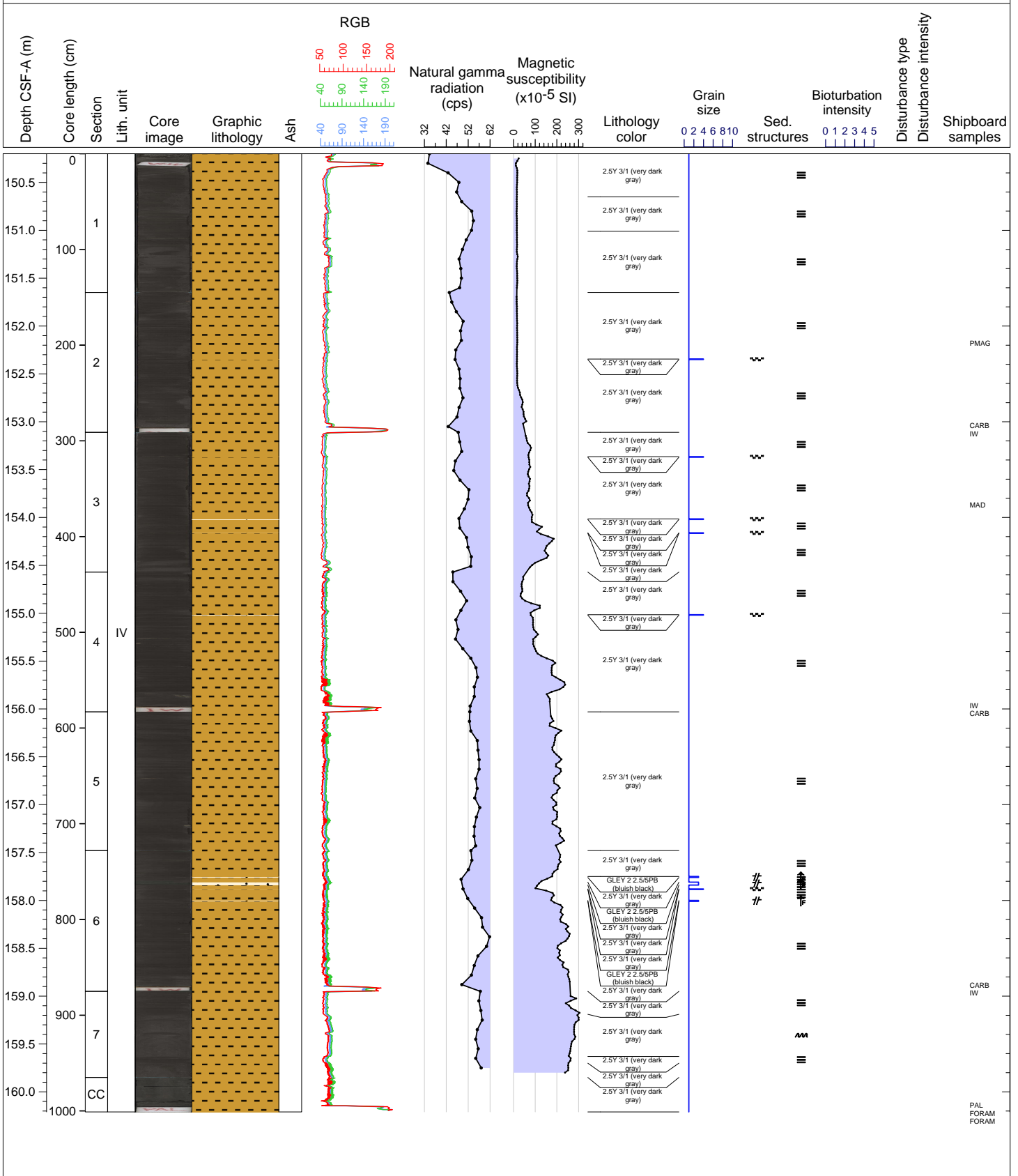
Hole 396-U1574C Core 17H, Interval 140.7-150.56 m (CSF-A)

Core 17 consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt with parallel lamination and bluish black (GLEY 2 2.5/5PB) SAND. Convolute lamination is present towards the base of the core. Diagenetic pyrite is commonly present.



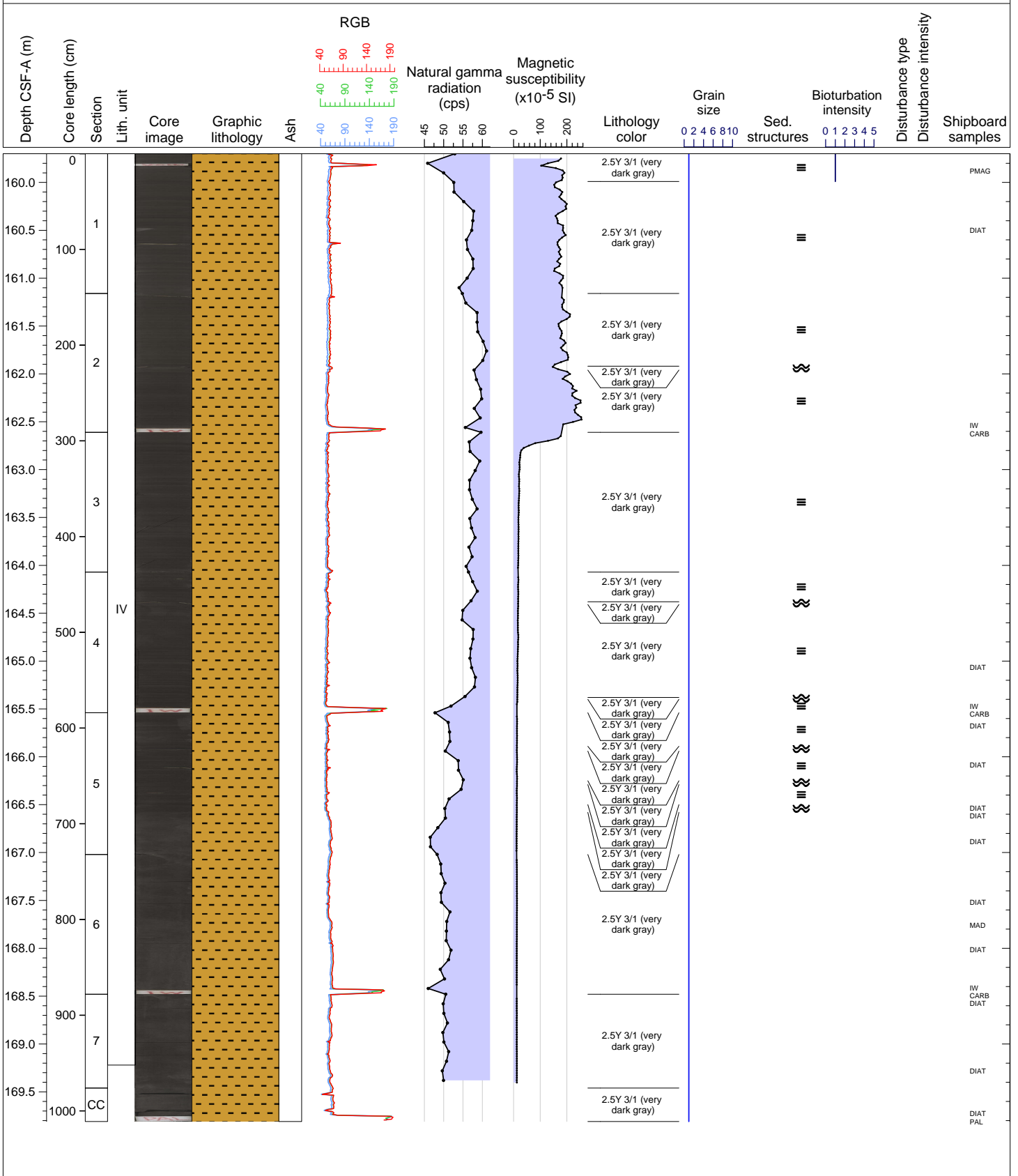
Hole 396-U1574C Core 18H, Interval 150.2-160.21 m (CSF-A)

Core 18 consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt with parallel lamination and bluish black (GLEY 2 2.5/5PB) SAND with fining upward sequence. Diagenetic pyrite is commonly present.



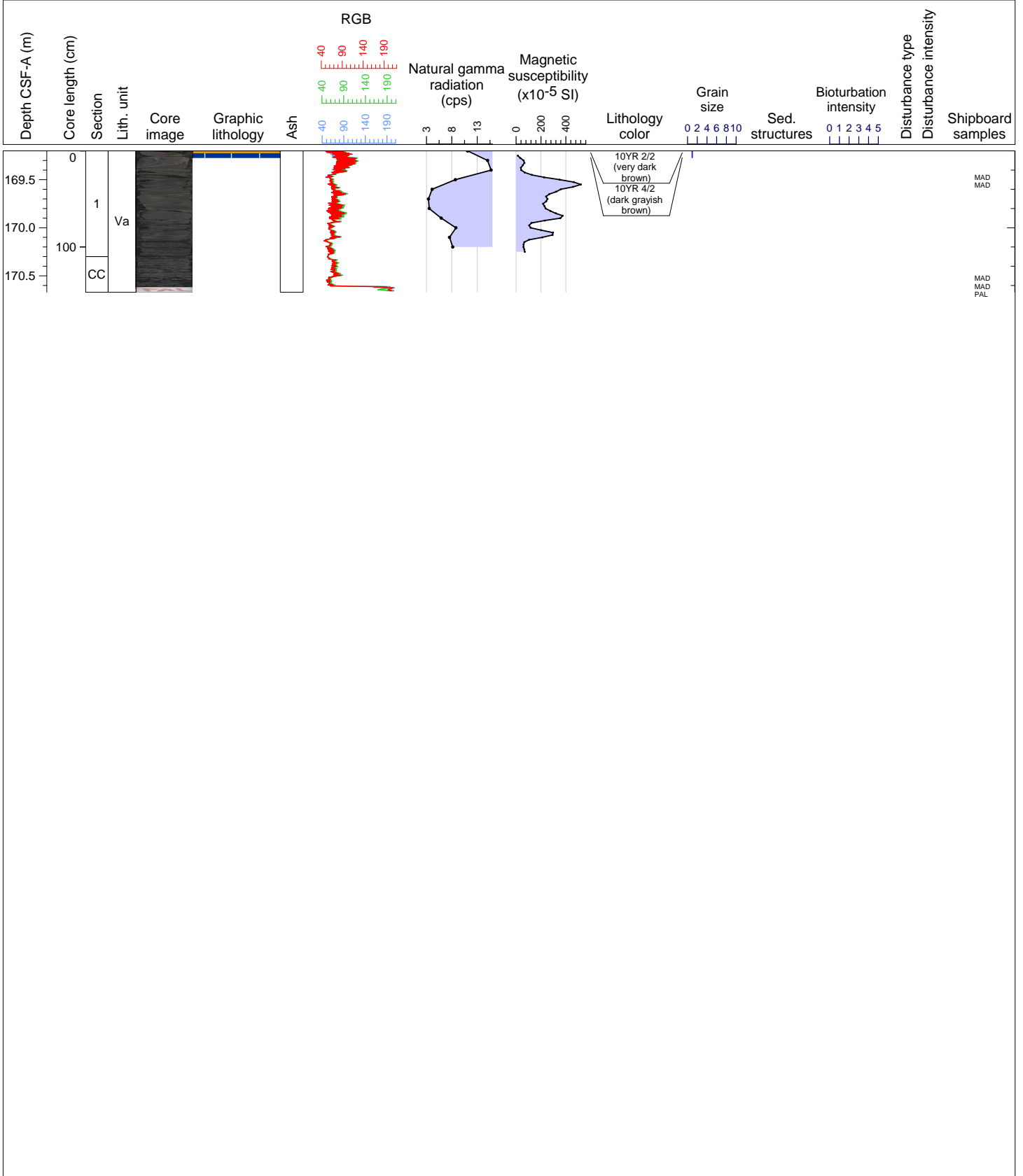
Hole 396-U1574C Core 19H, Interval 159.7-169.81 m (CSF-A)

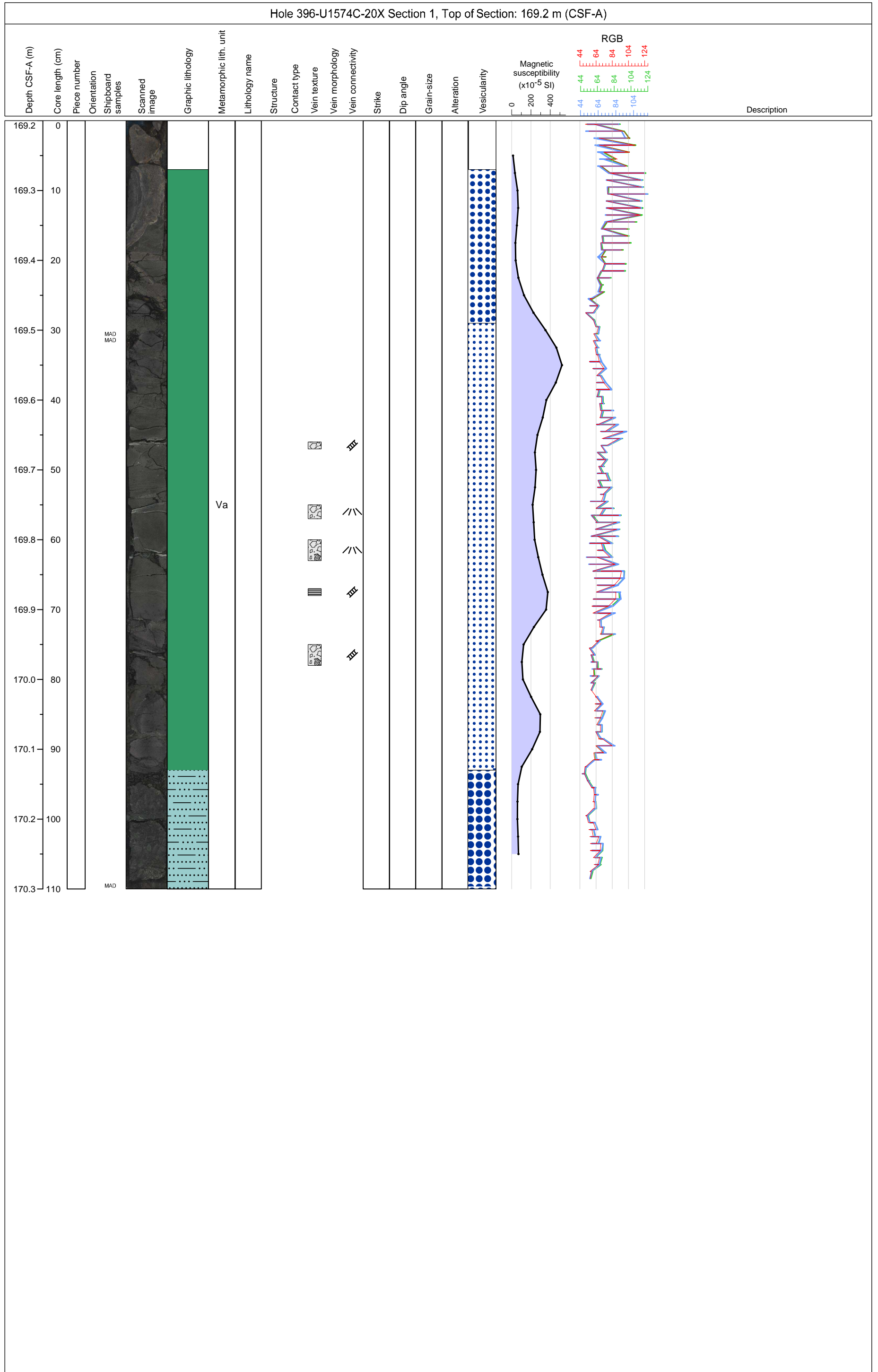
Core 19 consists of very dark gray (2.5Y 3/1) CLAYSTONE with silt with parallel lamination or wavy lamination. Lamination disappeared from section 5 downhole. Diagenetic pyrite is present throughout the core.



Hole 396-U1574C Core 20X, Interval 169.2-170.67 m (CSF-A)

Core 20 consists of very dark brown (10YR 2/2) CLAYSTONE and dark grayish brown (10YR 4/2) meta LIMESTONE at the top, black (GLEY 1 2.5/N) brecciated pillow BASALT, aphyric pillow BASALT, and sparsely plagioclase phyric BASALT in the middle, and black (GLEY 1 2.5/N) HYALOCLASTITE at the bottom.





Hole 396-U1574C-20X Section CC, Top of Section: 170.3 m (CSF-A)																					
Depth CSF-A (m)	Core length (cm)	Piece number	Orientation	Shipboard samples	Scanned image	Graphic lithology	Metamorphic lith. unit	Lithology name	Structure	Contact type	Vein texture	Vein morphology	Vein connectivity	Strike	Dip angle	Grain-size	Alteration	Vesicularity	Magnetic susceptibility (x10 ⁻⁵ SI)	RGB	Description
170.3	0																				
170.4	10																				
170.5	20			MAD				Va													
170.6	30			PAL																	