Hole 372-U1520A Core 11, Interval 0.0-97.9 m (CSF-A)

LOGGING WHILE DRILLING

Depth (mbsf)	Core length (cm)	Section	Core image	Shipboard samples	Age	Sedimentary structures	Bioturbation intensity	Drilling disturbance	Tectonic structures: Fracture type	Fold type	Deformation type	Veins	Bedding type	Dip (º) 0 0.25 0.5 0.75 1	Natural gamma radiation (cps) 0 20 40 60	GRA bulk density (g/cm^3) 0.0 0.3 0.5 0.8 1.0	Magnetic susceptibility WRMSL SHMSL (x10^{-5} SI) 0 20 40 60
0																	
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	

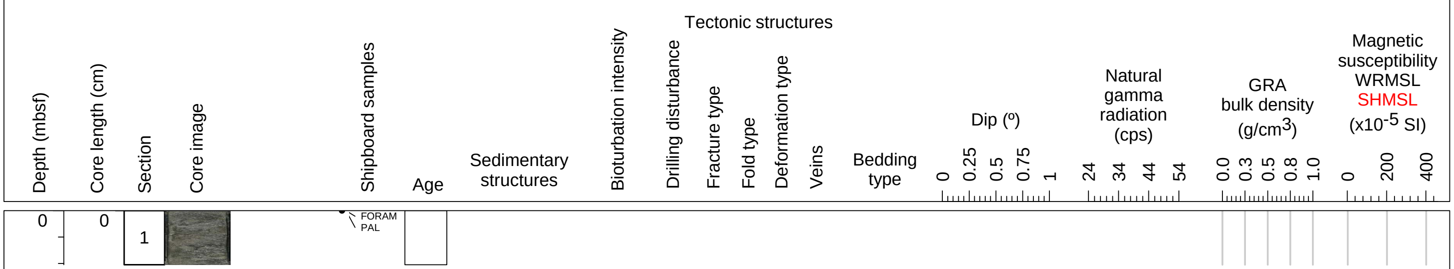
Hole 372-U1520B Core 11, Interval 0.0-750.0 m (CSF-A)

LOGGING WHILE DRILLING

Depth (mbsf)	Core length (cm)	Section	Core image	Shipboard samples	Age	Sedimentary structures	Bioturbation intensity	Drilling disturbance	Tectonic structures: Fracture type	Fold type	Deformation type	Veins	Bedding type	Dip (º) 0 0.25 0.5 0.75 1	Natural gamma radiation (cps) 0 20 40 60	GRA bulk density (g/cm³) 0.0 0.3 0.5 0.8 1.0	Magnetic susceptibility WRMSL SHMSL (x10^{-5} SI) 0 20 40 60
0																	
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	

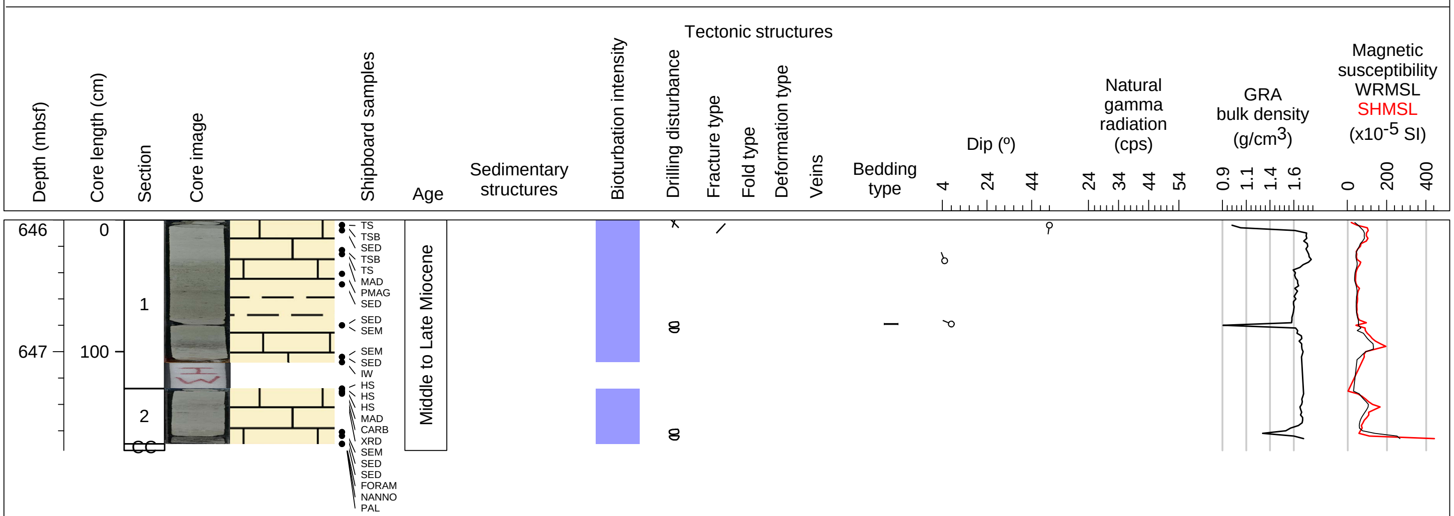
Hole 375-U1520C Core 11, Interval 0.0-0.41 m (CSF-A)

DRILLED INTERVAL (0-646.0m) FOR RE-ENTRY SYSTEM



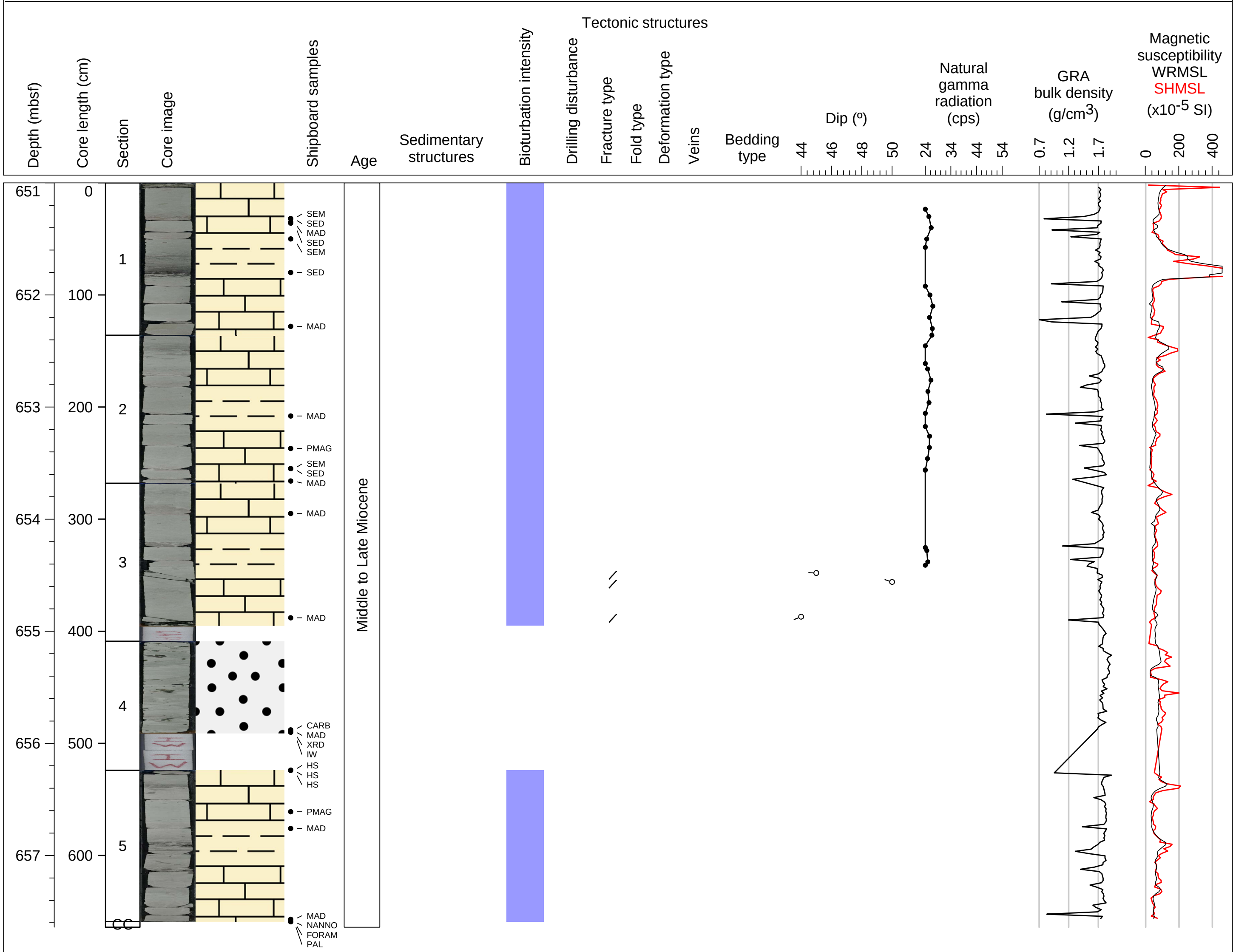
Hole 375-U1520C Core 2R, Interval 646.0-647.75 m (CSF-A)

Greenish gray marl with whitish gray and brown tephra layers.



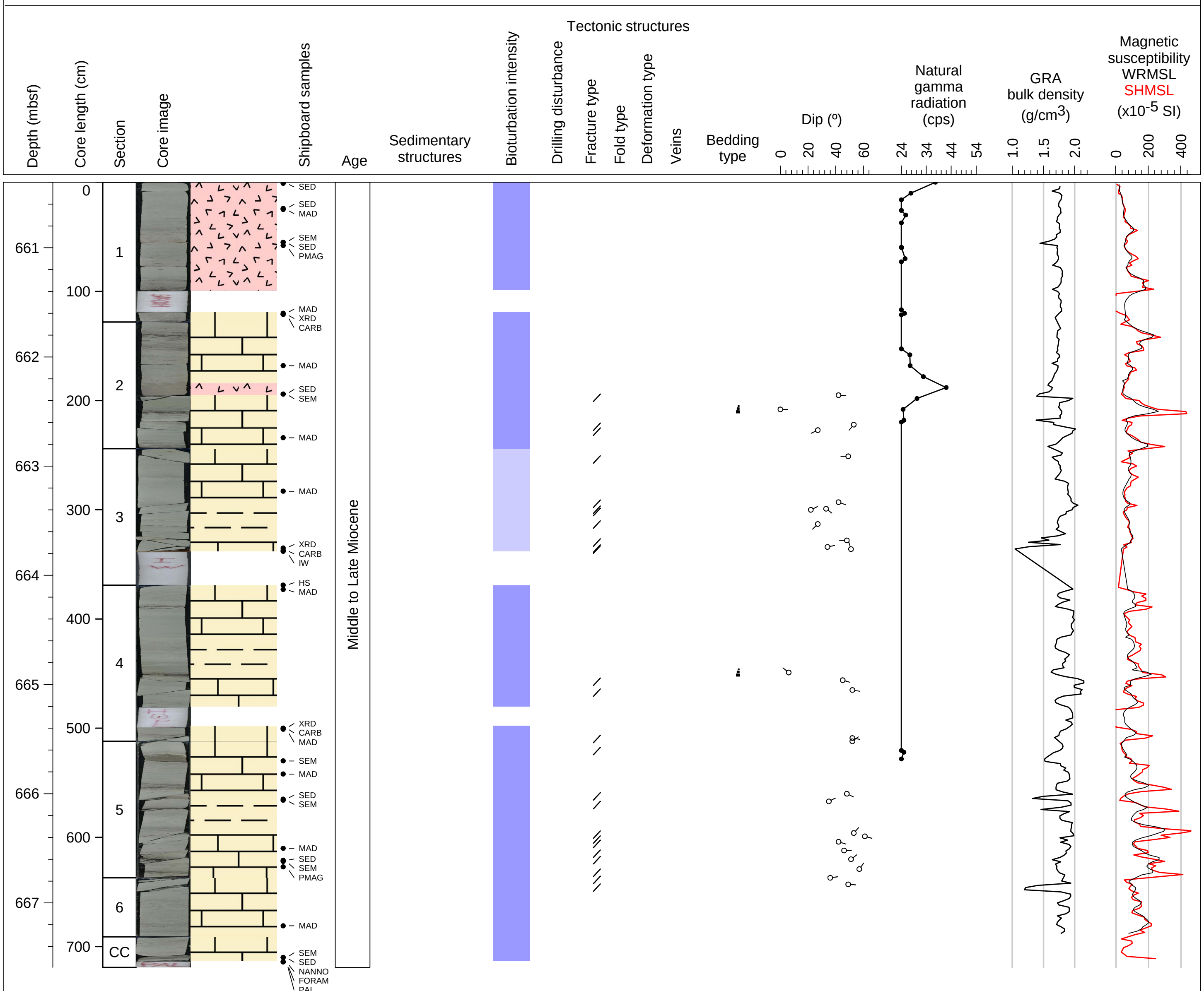
Hole 375-U1520C Core 3R, Interval 651.2-657.84 m (CSF-A)

Greenish gray marl with whitish gray and brown tephra layers. Some bioturbation. Contorted variegated marl provides evidence of soft sediment deformation. Contorted marl surrounds subangular clasts of basalt and volcaniclastic material.



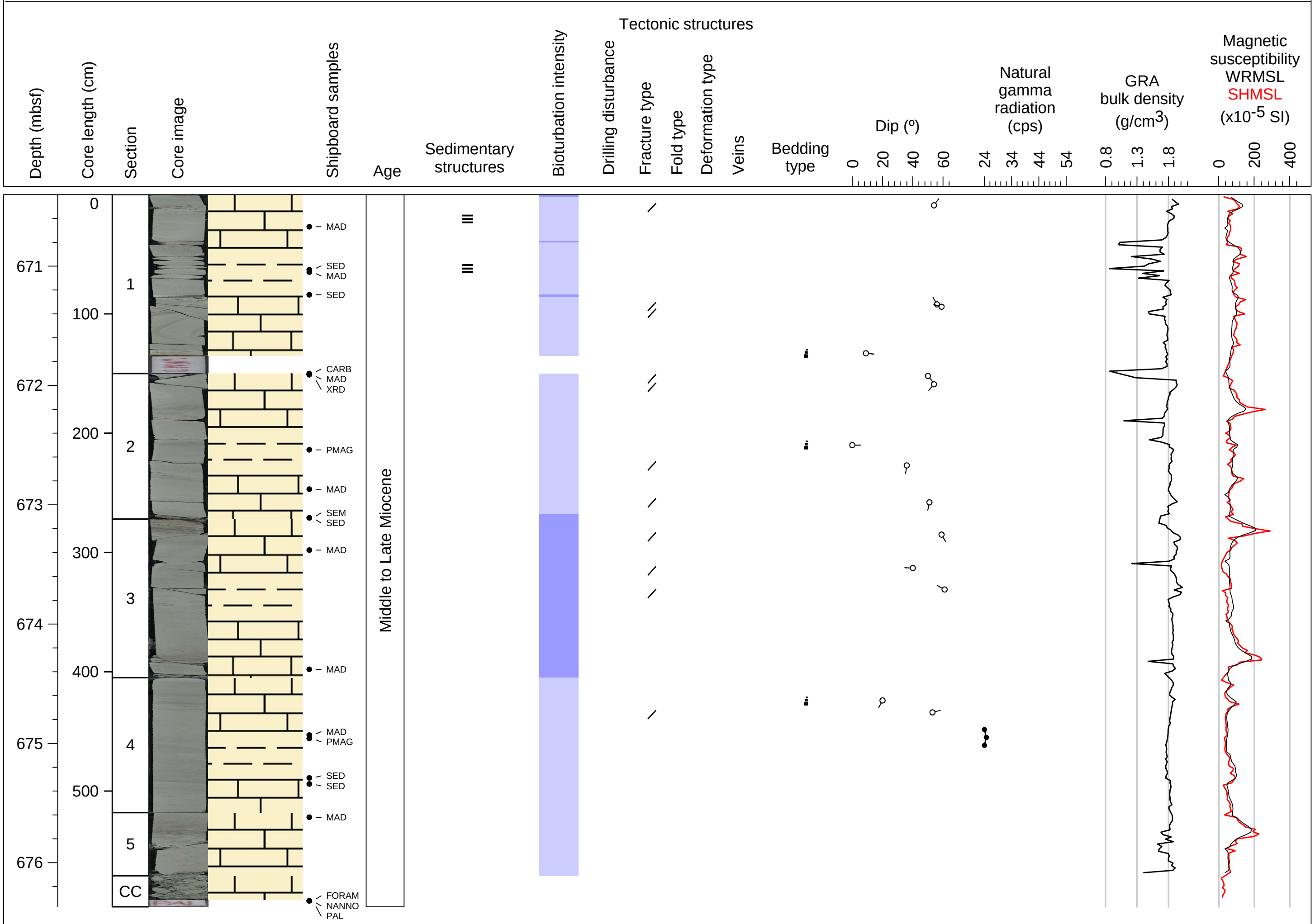
Hole 375-U1520C Core 4R, Interval 660.8-667.99 m (CSF-A)

Greenish gray marl with interbedded gray to dark gray siltstone layers. Whitish gray and brown tephra layers. Some bioturbation.



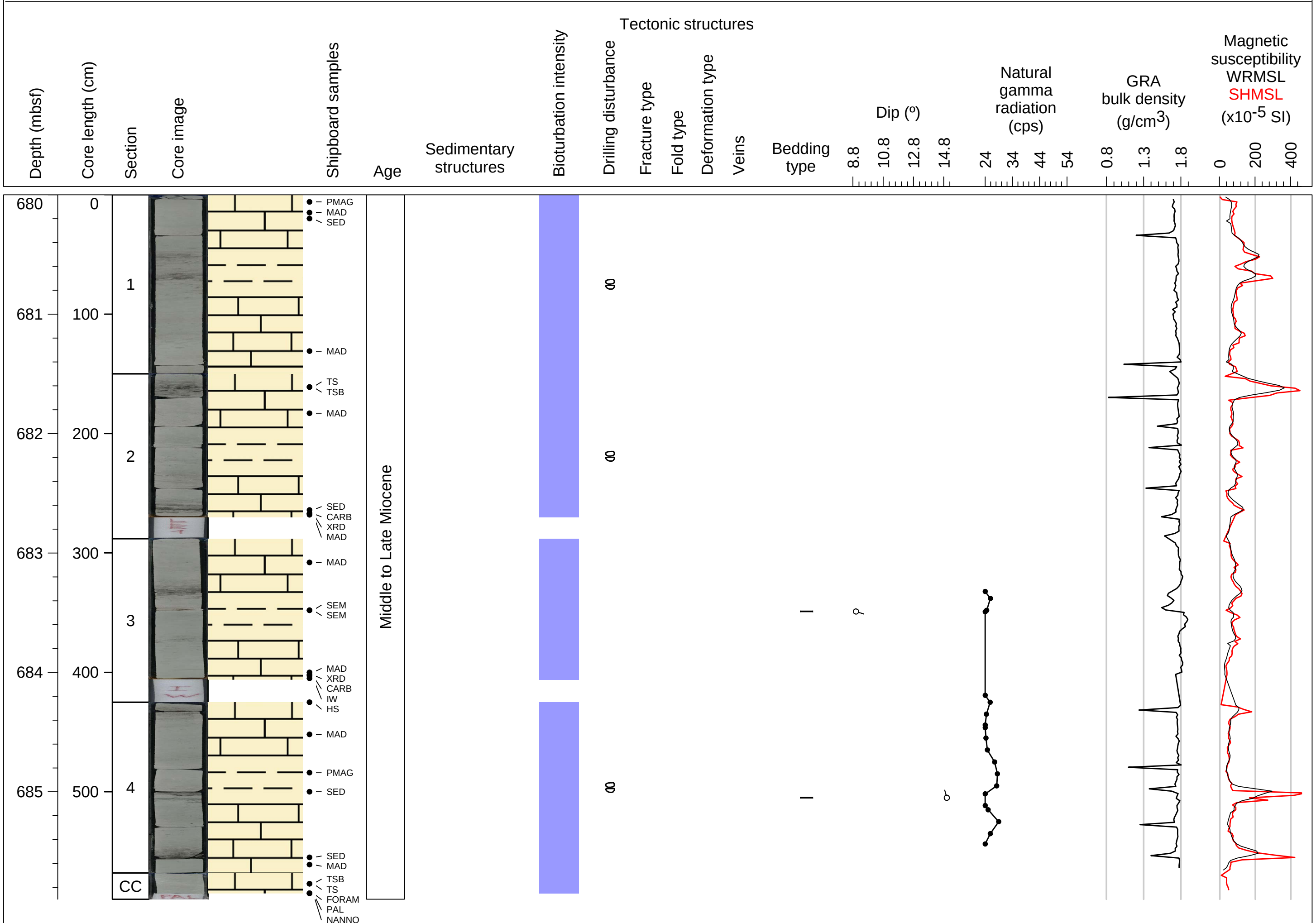
Hole 375-U1520C Core 5R, Interval 670.4-676.37 m (CSF-A)

Greenish gray marl with interbedded gray to dark gray siltstone layers. Whitish gray and brown tephra layers. Some bioturbation.



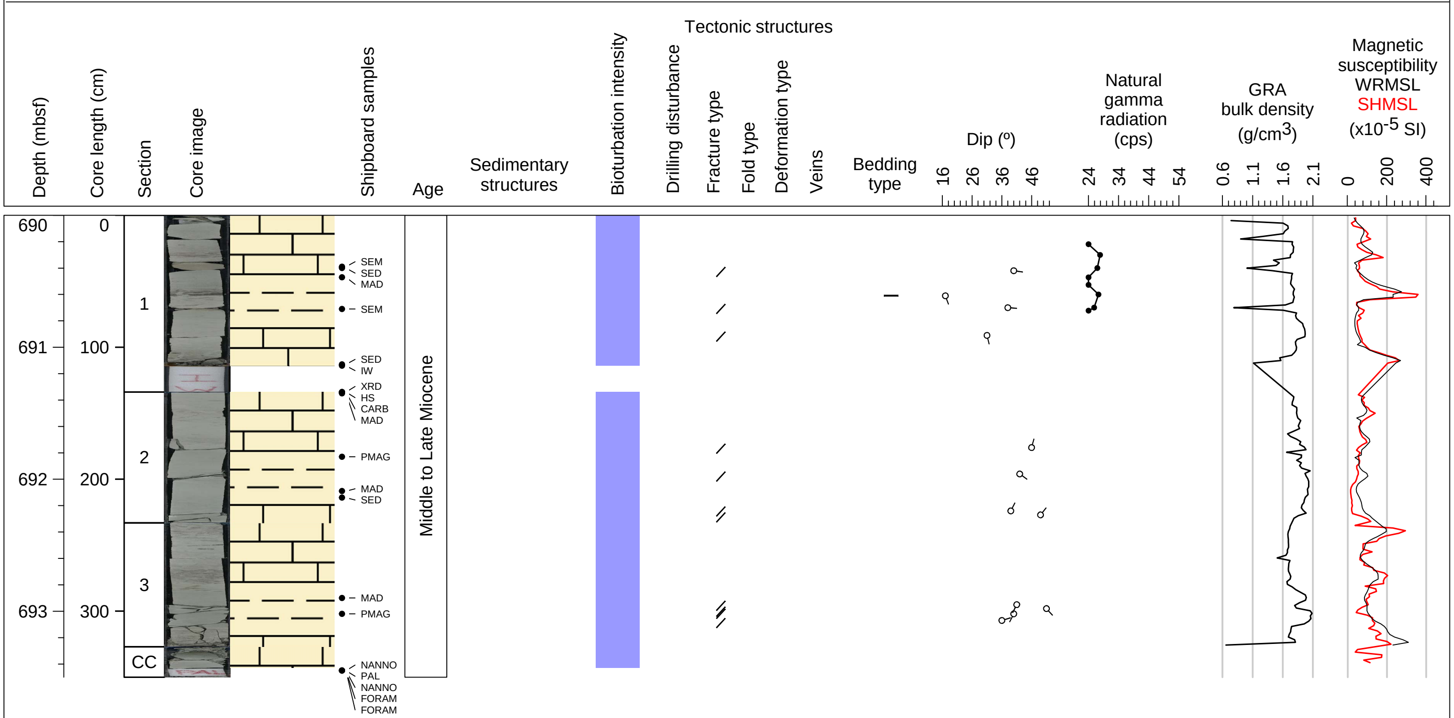
Hole 375-U1520C Core 6R, Interval 680.0-685.9 m (CSF-A)

Greenish gray marl with interbedded gray to dark gray siltstone layers. Whitish gray and brown tephra layers. Some bioturbation.



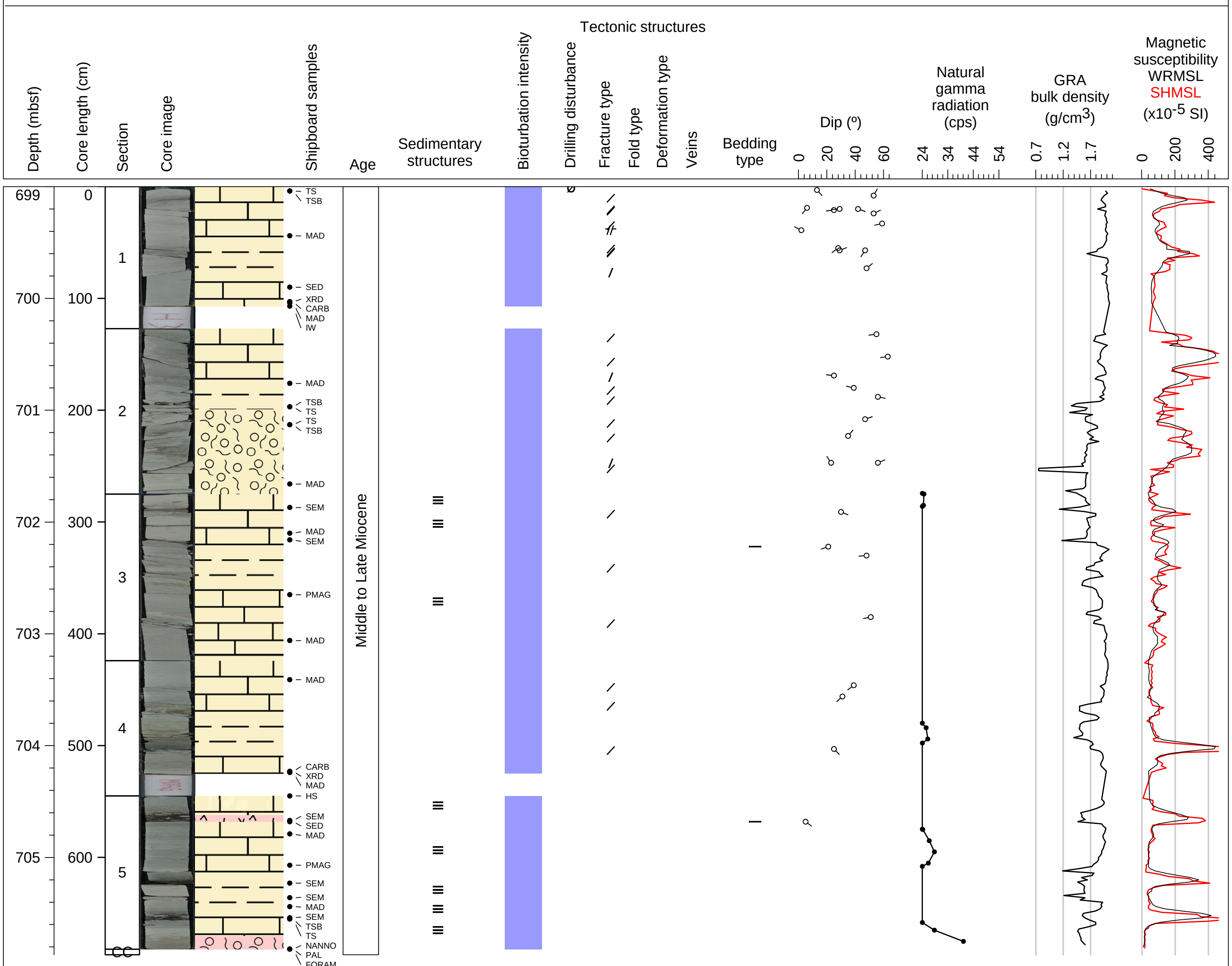
Hole 375-U1520C Core 7R, Interval 689.6-693.1 m (CSF-A)

Greenish gray marl with interbedded gray to dark gray siltstone layers. Whitish gray and brown tephra layers. Some bioturbation.



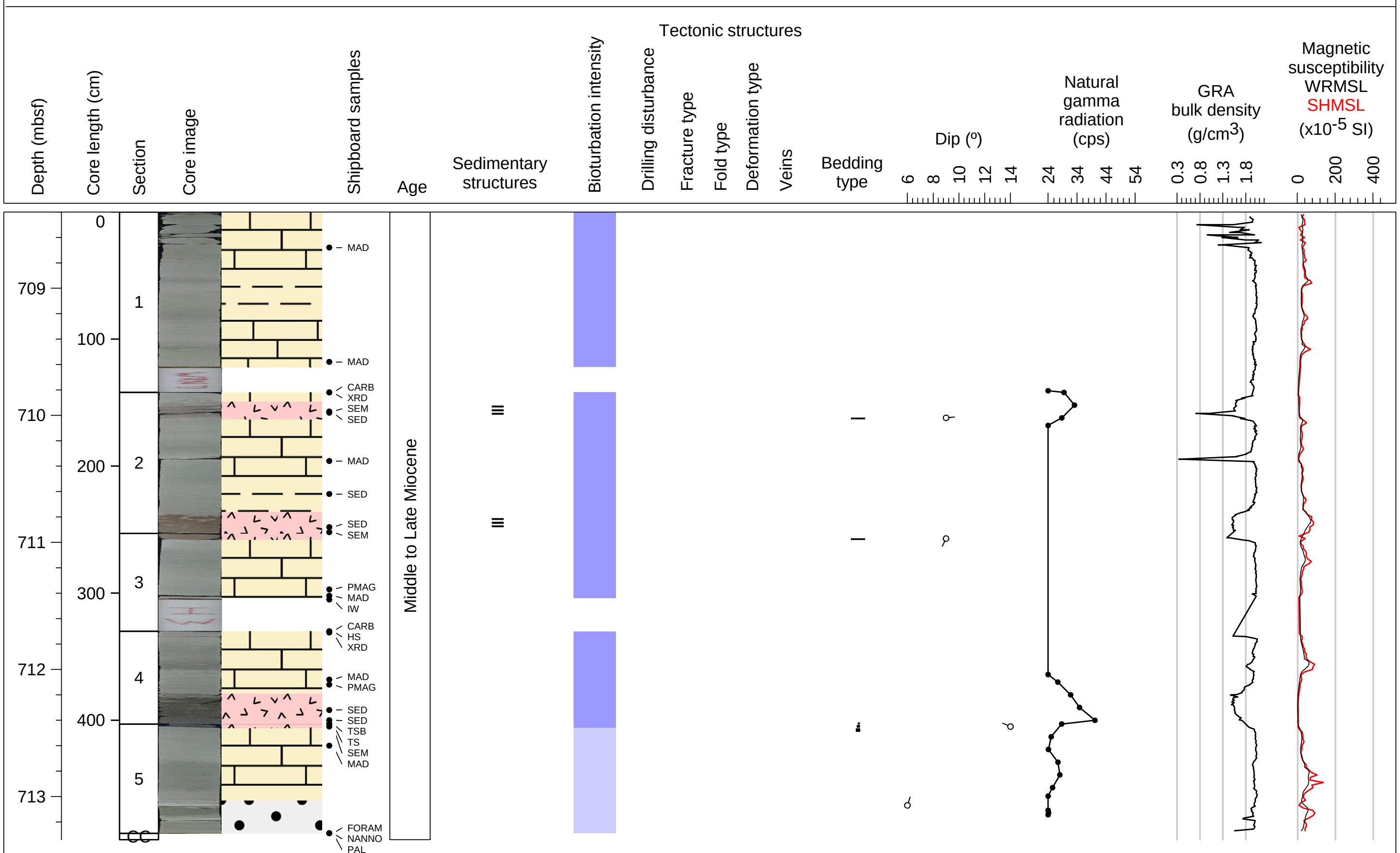
Hole 375-U1520C Core 8R, Interval 699.2-706.07 m (CSF-A)

Greenish gray marl with interbedded gray to dark gray siltstone layers. Whitish gray and brown tephra layers. Some bioturbation. Contorted variegated marl provides evidence of soft sediment deformation. Contorted marl surrounds subangular clasts of basalt and volcaniclastic material.



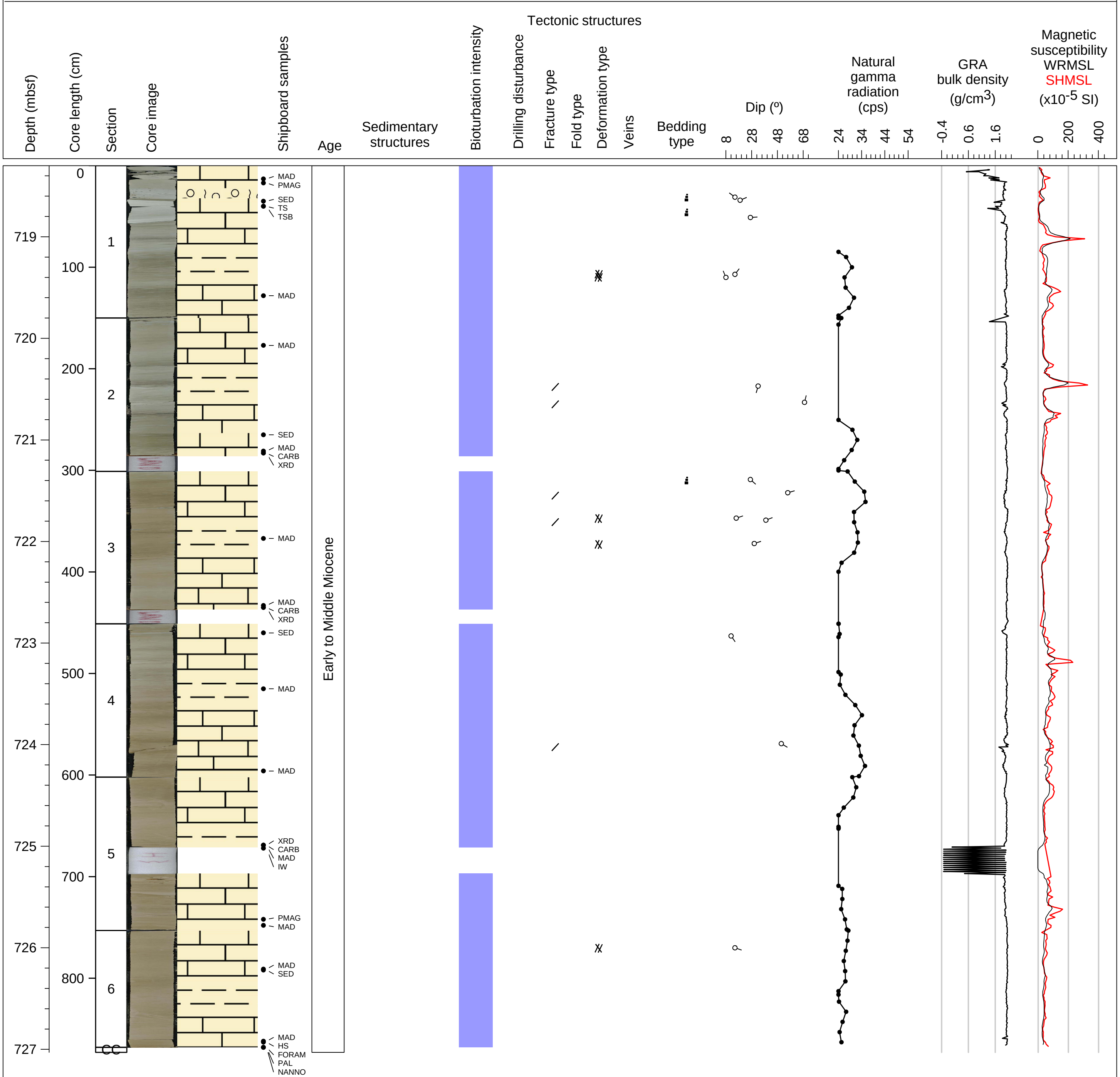
Hole 375-U1520C Core 9R, Interval 708.8-713.74 m (CSF-A)

Greenish gray marl with interbedded gray to dark gray siltstone layers. Whitish gray and brown tephra layers. Some bioturbation. Contorted variegated marl provides evidence of soft sediment deformation. Contorted marl surrounds subangular clasts of basalt and volcaniclastic material.



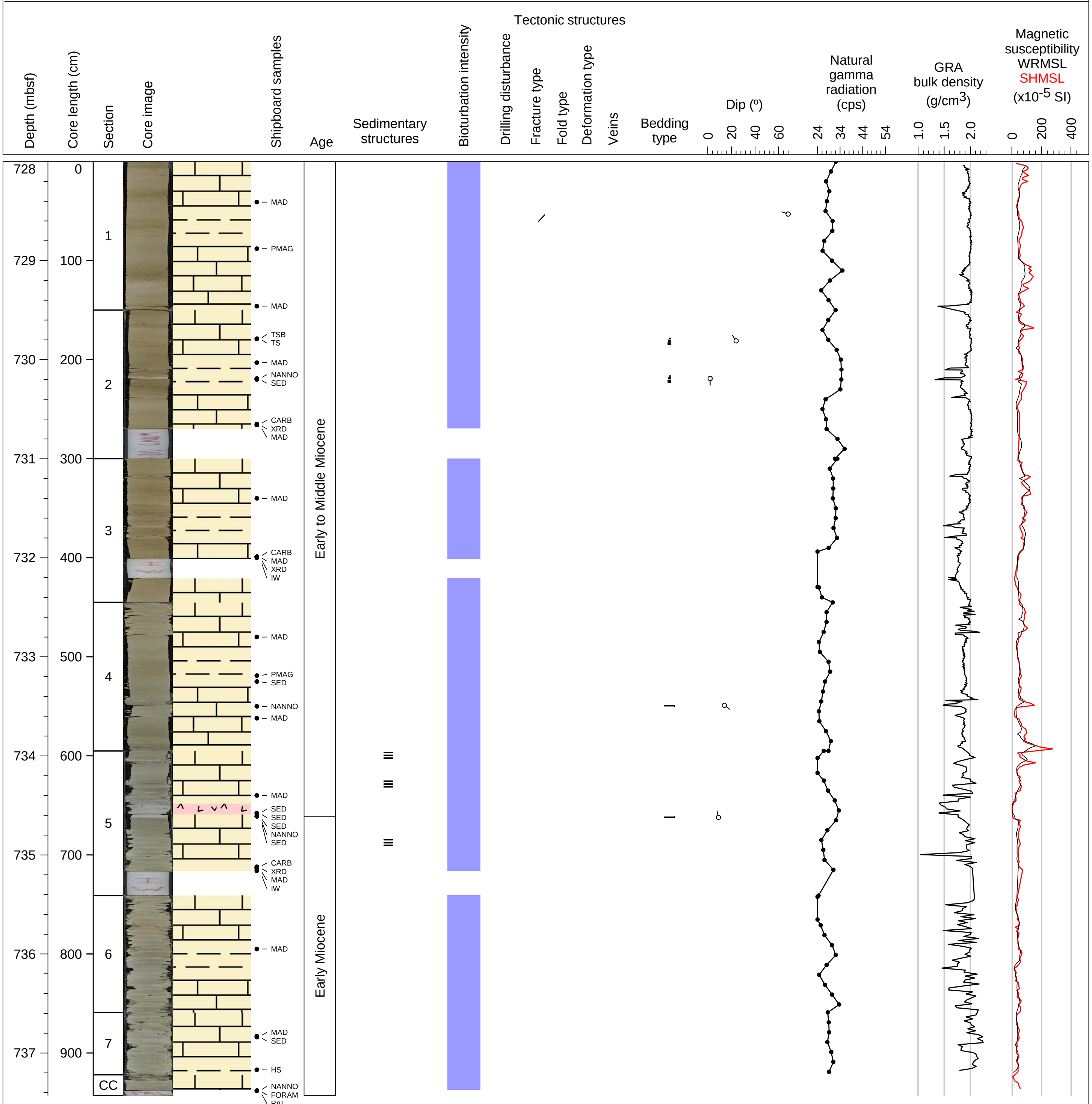
Hole 375-U1520C Core 10R, Interval 718.3-727.03 m (CSF-A)

Greenish gray marl with interbedded gray to dark gray siltstone layers. Whitish gray and brown tephra layers. Some bioturbation. Contorted variegated marl provides evidence of soft sediment deformation. Contorted marl surrounds subangular clasts of basalt and volcaniclastic material. Change to light brown calcareous mudstone at 10R-2, 113 cm.



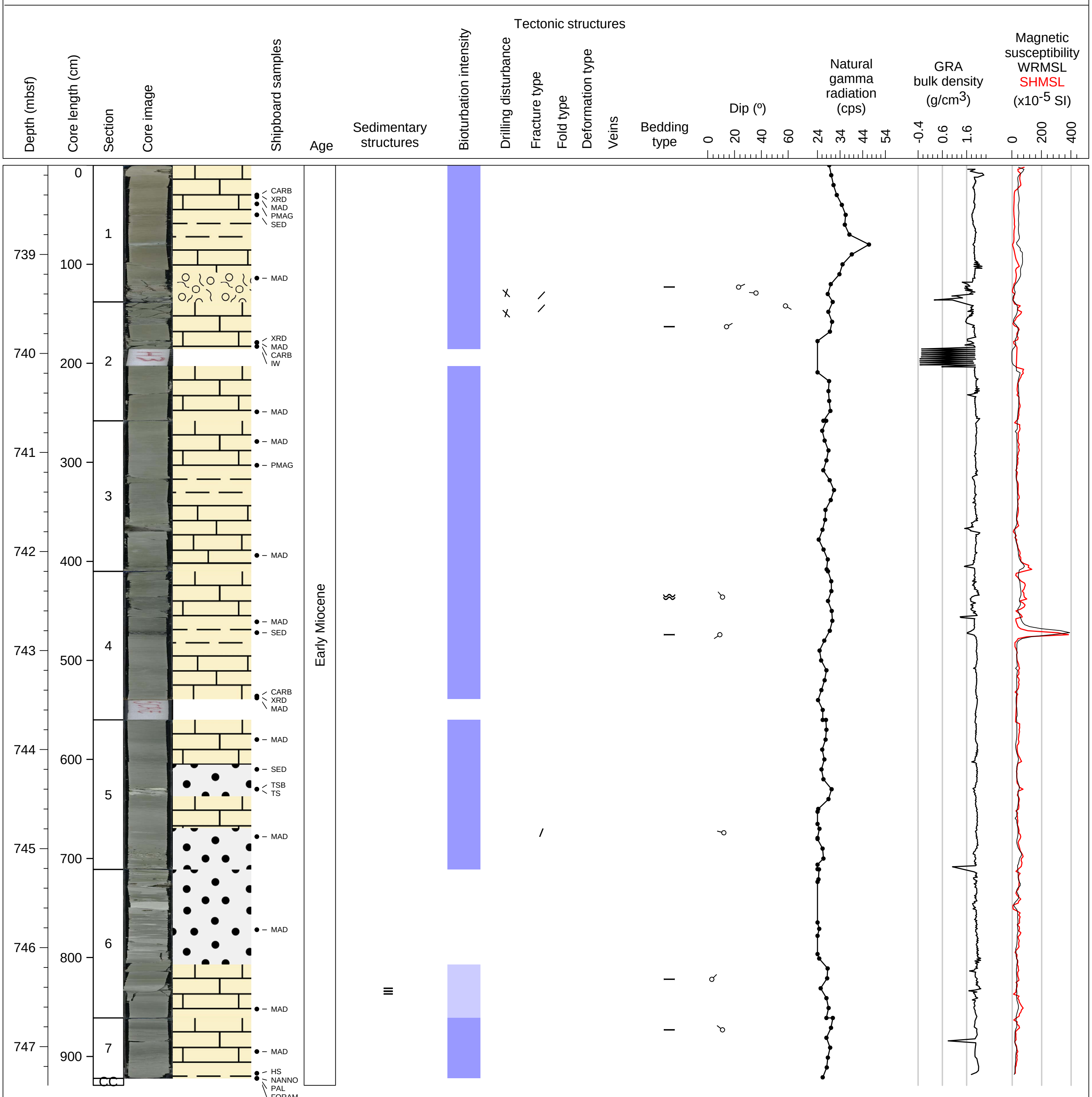
Hole 375-U1520C Core 11R, Interval 728.0-737.43 m (CSF-A)

Light brown calcareous mudstone with white siltstone layers. Whitish gray and brown tephra layers. Some bioturbation.



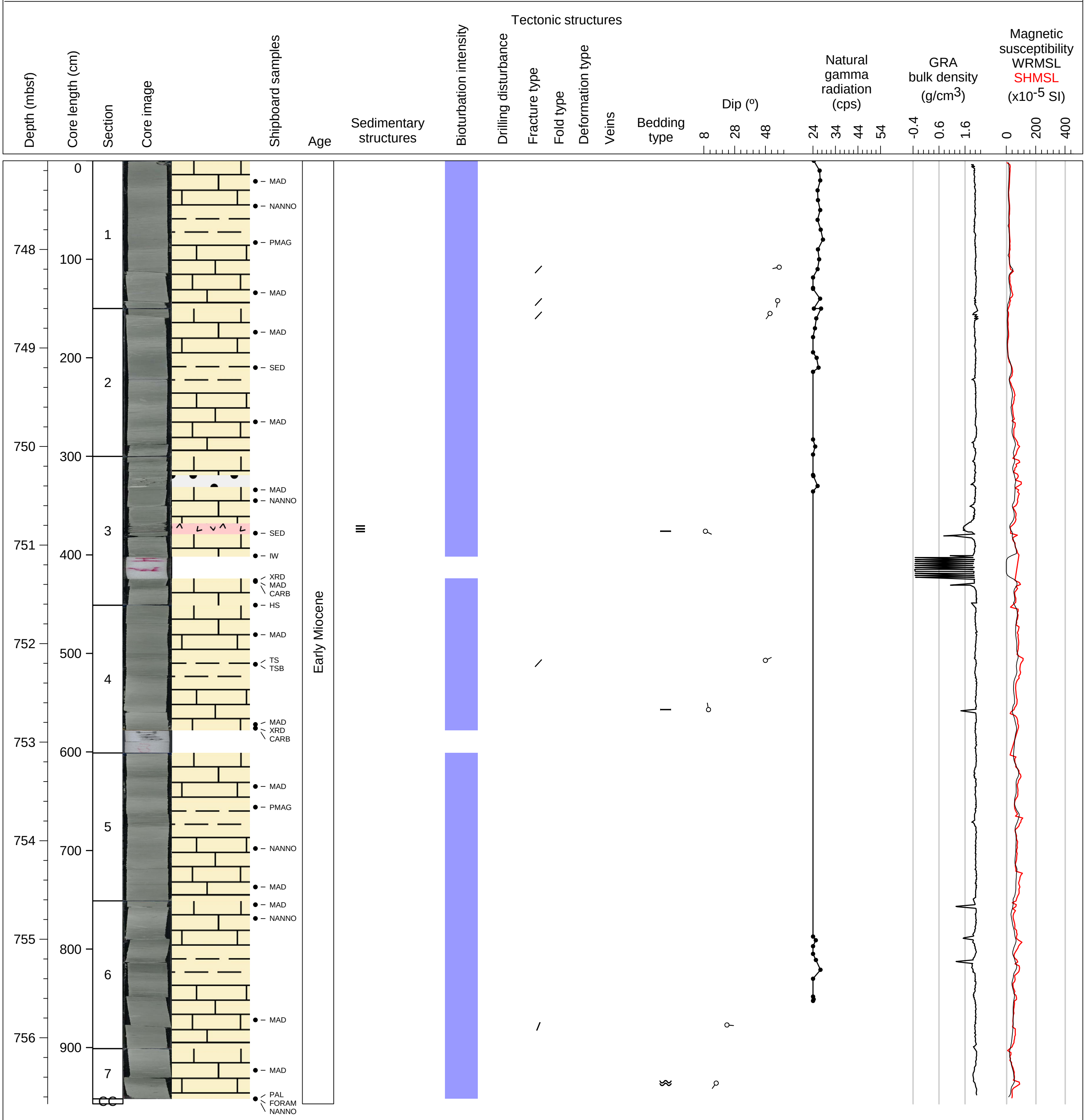
Hole 375-U1520C Core 12R, Interval 737.6-746.89 m (CSF-A)

Light brown calcareous mudstone. Gradational transition to greenish gray marl. Some bioturbation. Contorted variegated marl provides evidence of soft sediment deformation. Contorted marl surrounds subangular clasts of basalt, volcaniclastic rock, and marl.



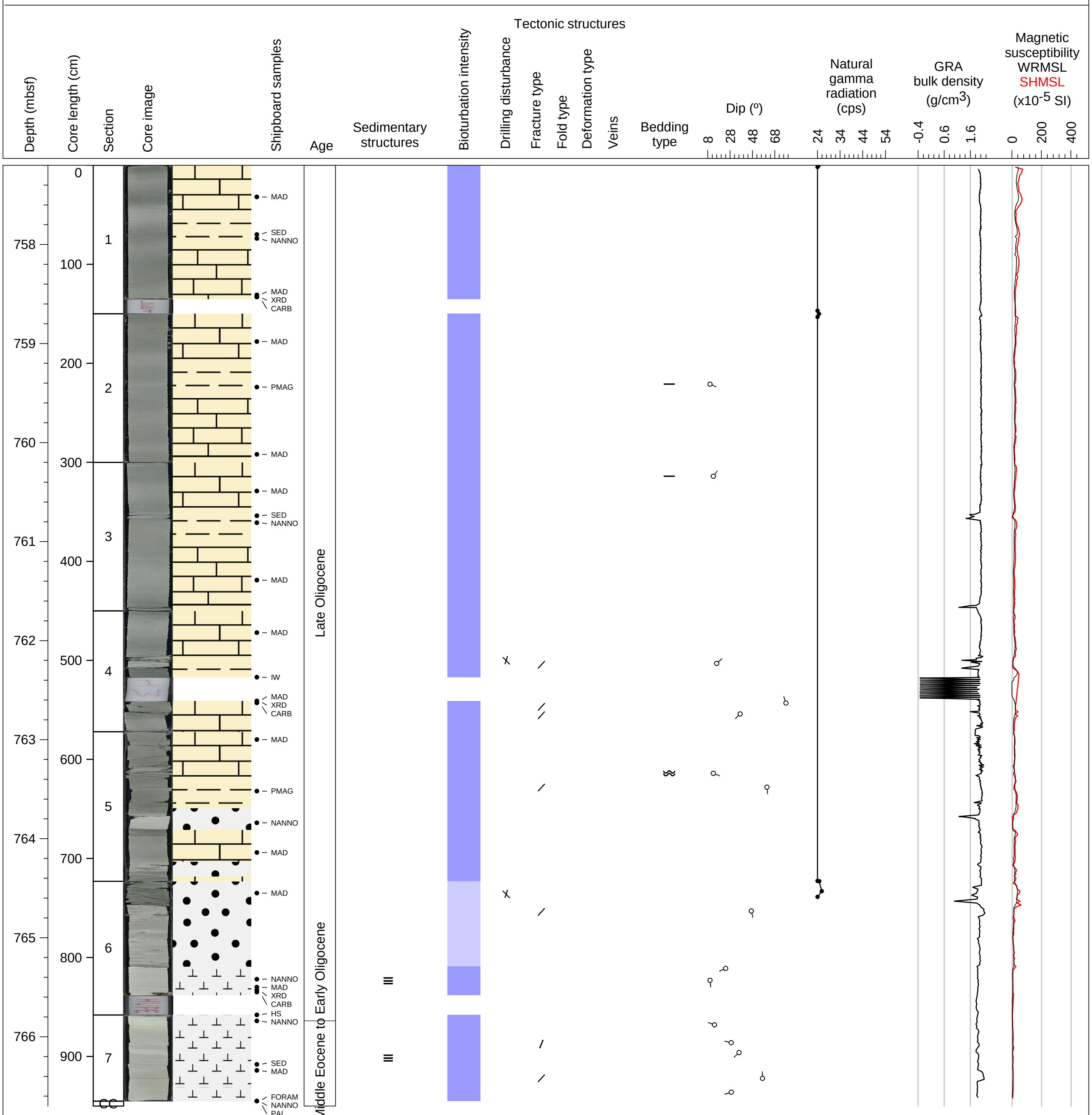
Hole 375-U1520C Core 13R, Interval 747.1-756.67 m (CSF-A)

Greenish gray marl. Some bioturbation. Contorted variegated marl provides evidence of soft sediment deformation. Contorted marl surrounds subangular clasts of basalt, volcaniclastic rock, and marl. One dark gray tephra layer.



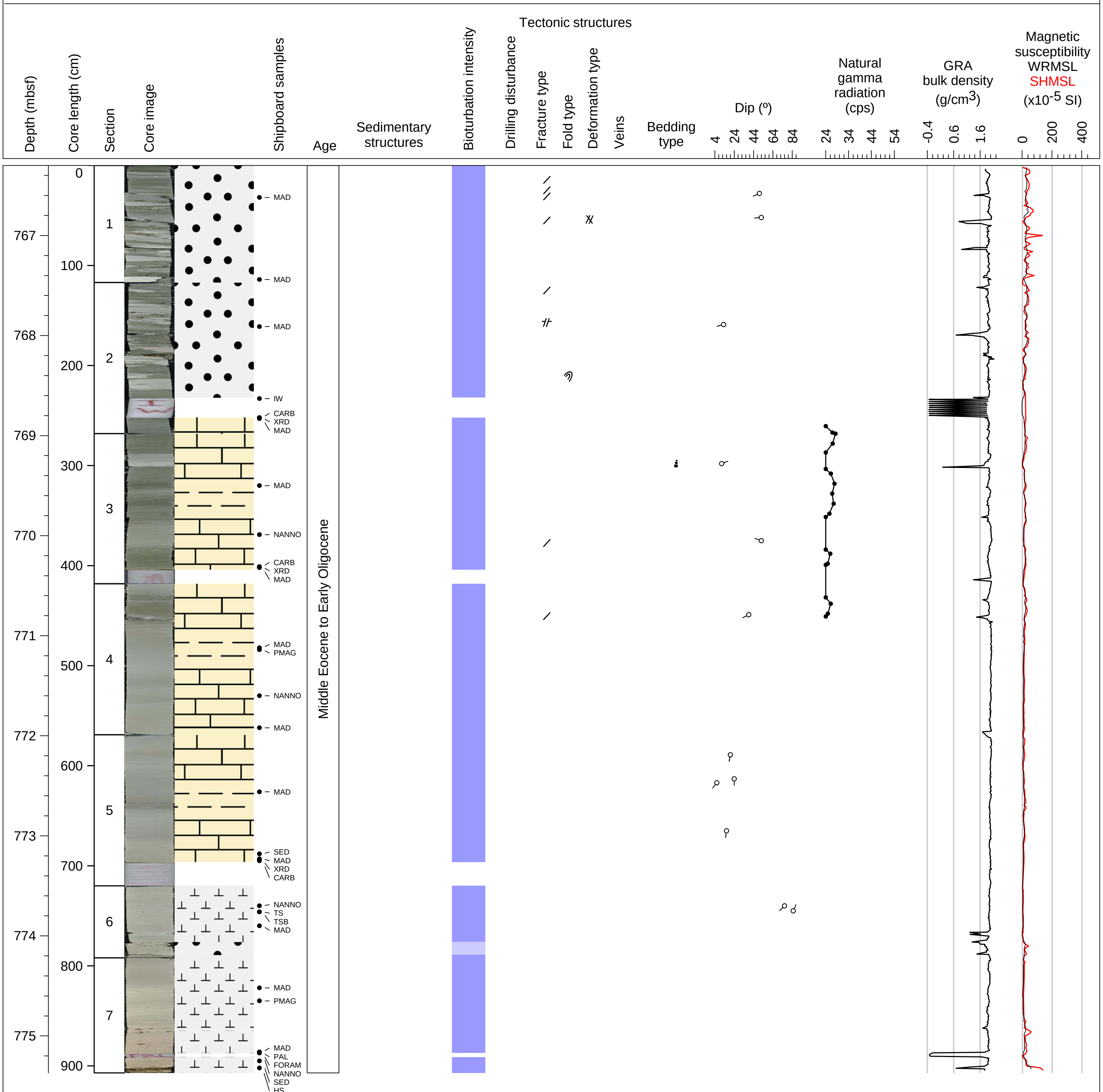
Hole 375-U1520C Core 14R, Interval 756.7-766.2 m (CSF-A)

Greenish gray marl with a transition to very light gray chalk at 14R-6, 86 cm. Some bioturbation. Contorted variegated marl provides evidence of soft sediment deformation. Contorted marl surrounds subangular clasts of basalt, volcaniclastic rock, marl, and chalk.



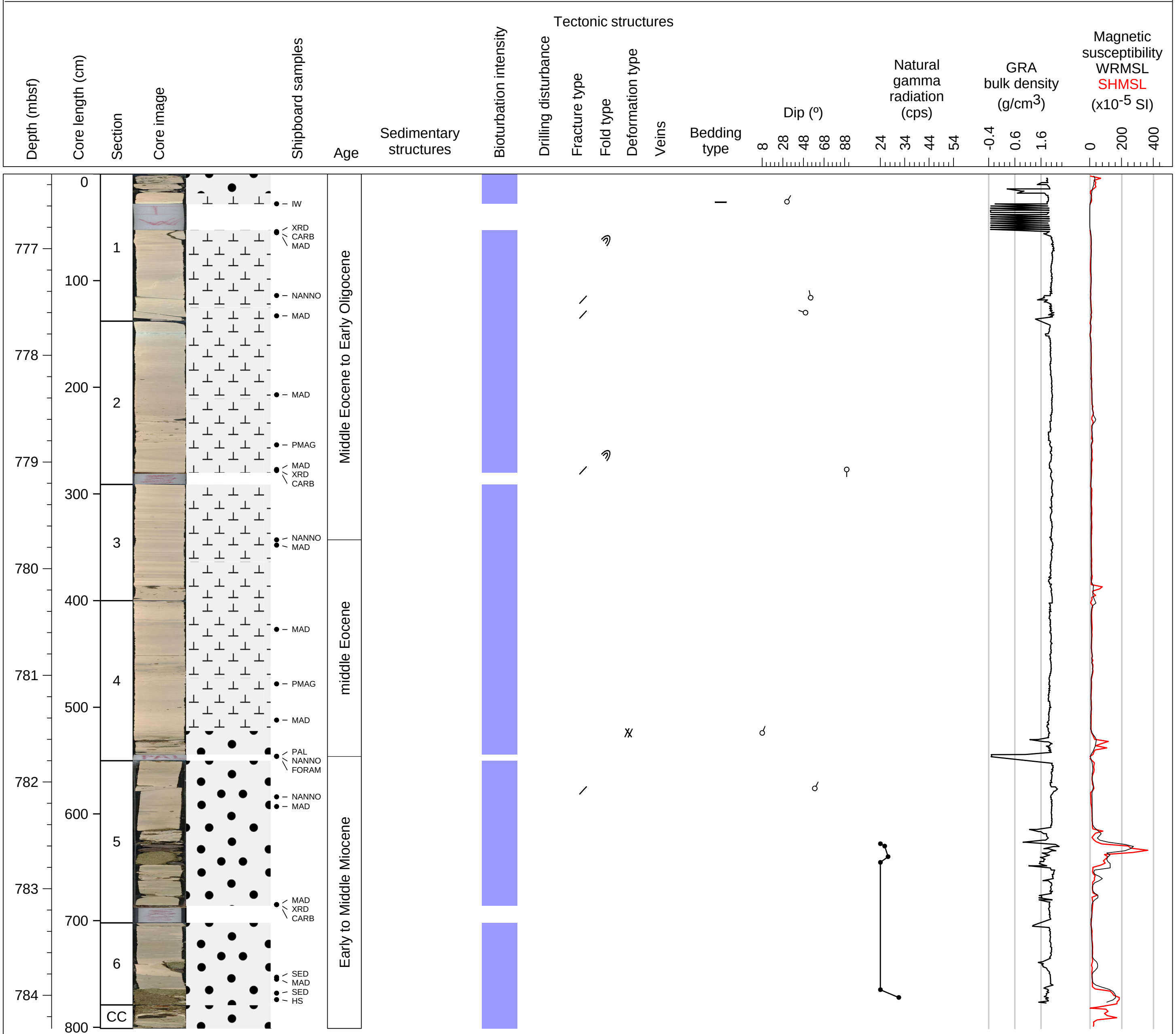
Hole 375-U1520C Core 15R, Interval 766.3-775.37 m (CSF-A)

Very light gray chalk. Some bioturbation. Contorted variegated chalk provides evidence of soft sediment deformation. Contorted chalk surrounds subangular clasts of basalt, volcaniclastic rock, marl, and chalk.



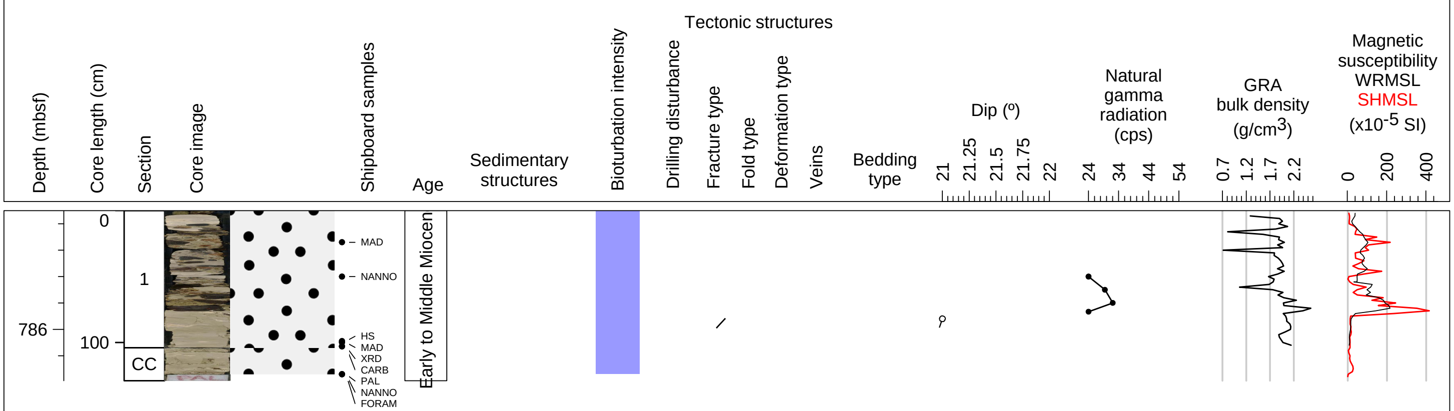
Hole 375-U1520C Core 16R, Interval 775.9-783.91 m (CSF-A)

Very light gray chalk. Some bioturbation. Contorted variegated chalk provides evidence of soft sediment deformation. Contorted chalk surrounds subangular clasts of basalt, volcaniclastic rock, marl, and chalk.



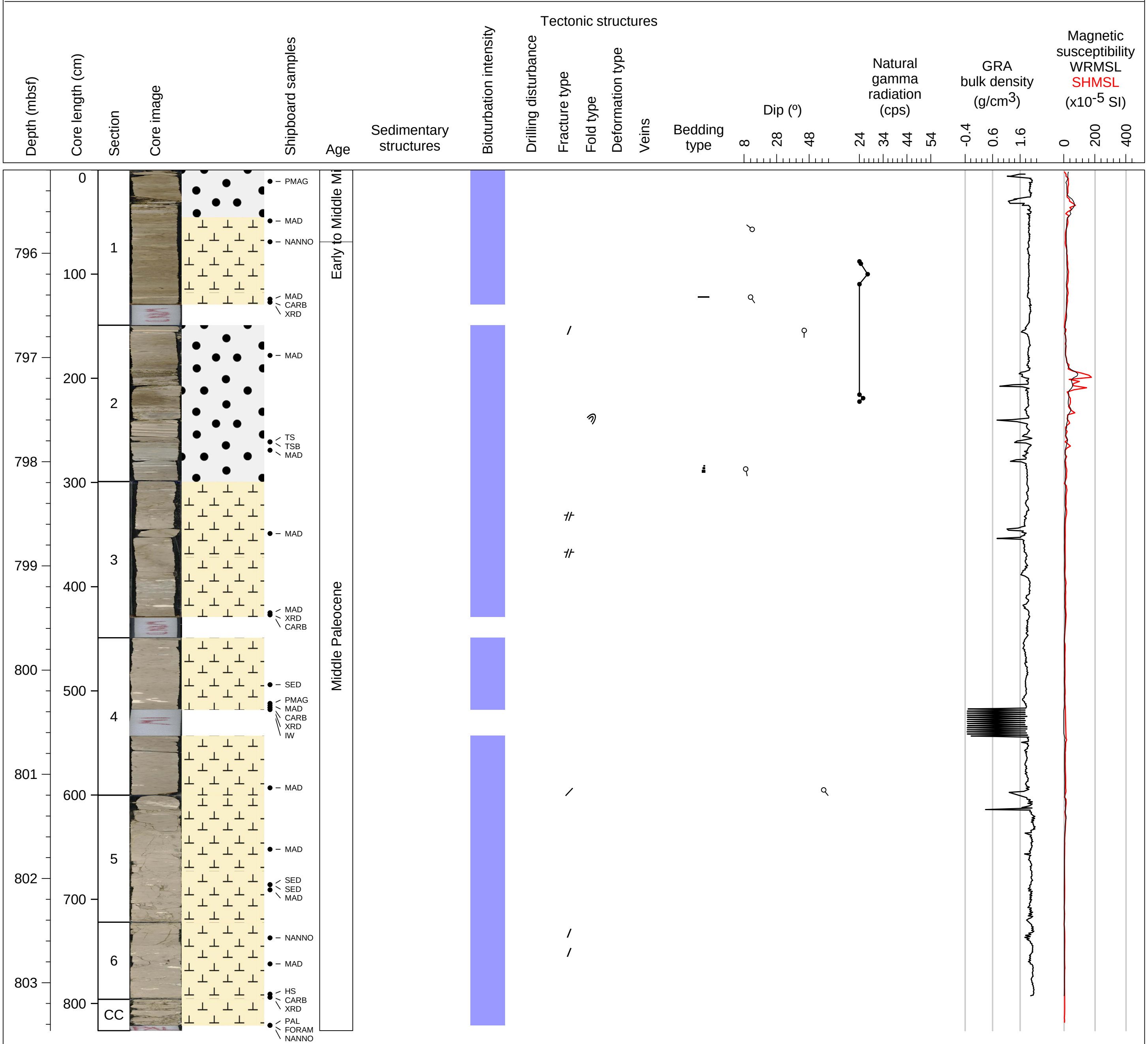
Hole 375-U1520C Core 17R, Interval 785.4-786.69 m (CSF-A)

Light brownish gray chalk. Some bioturbation. Contorted variegated chalk provides evidence of soft sediment deformation. Contorted chalk surrounds subangular clasts of basalt, volcaniclastic rock, marl, and chalk.



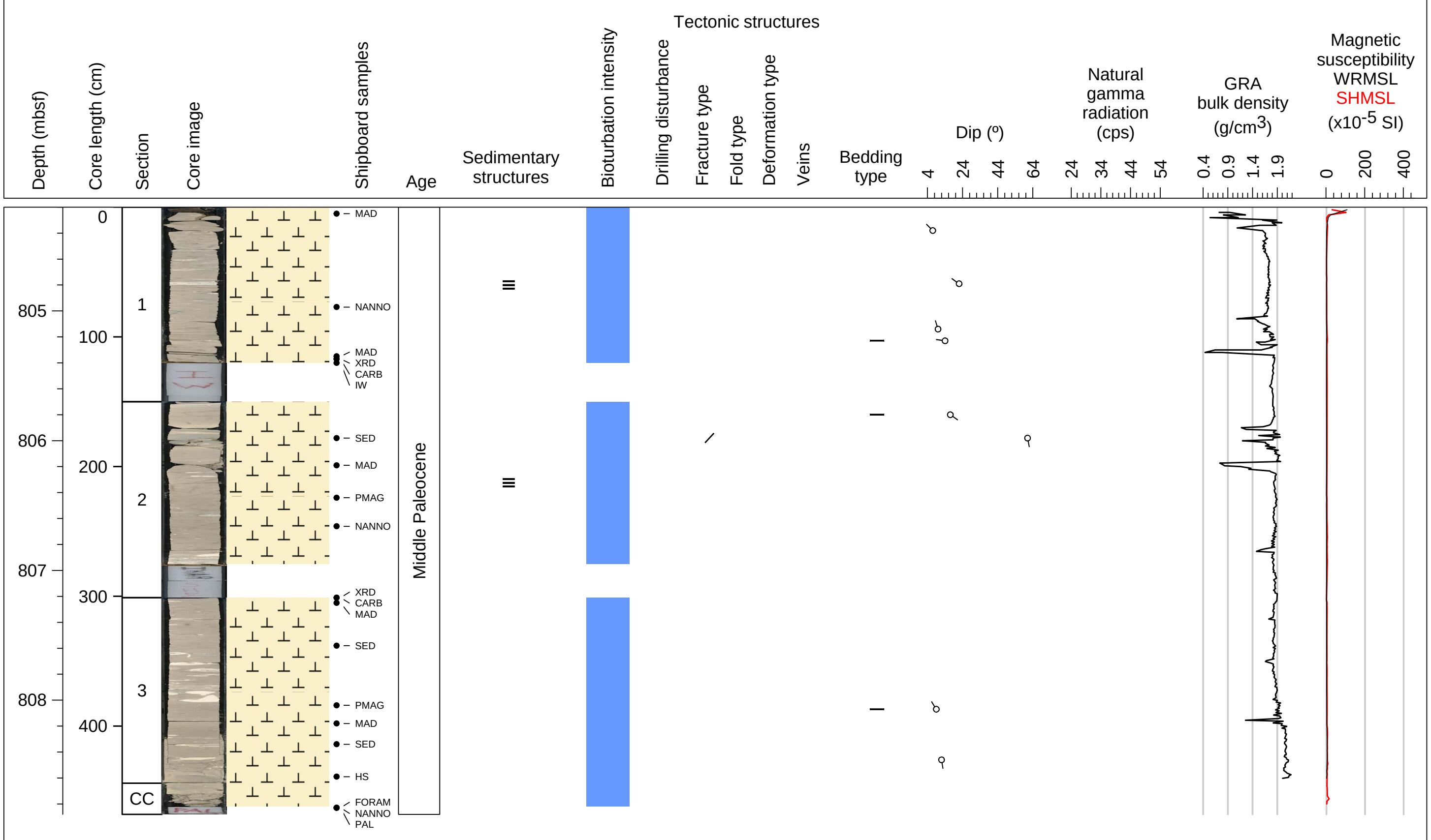
Hole 375-U1520C Core 18R, Interval 795.0-803.26 m (CSF-A)

Light grayish brown muddy chalk. Some bioturbation. Contorted variegated chalk provides evidence of soft sediment deformation. Contorted chalk surrounds subangular clasts of basalt, volcaniclastic rock, marl, and chalk.



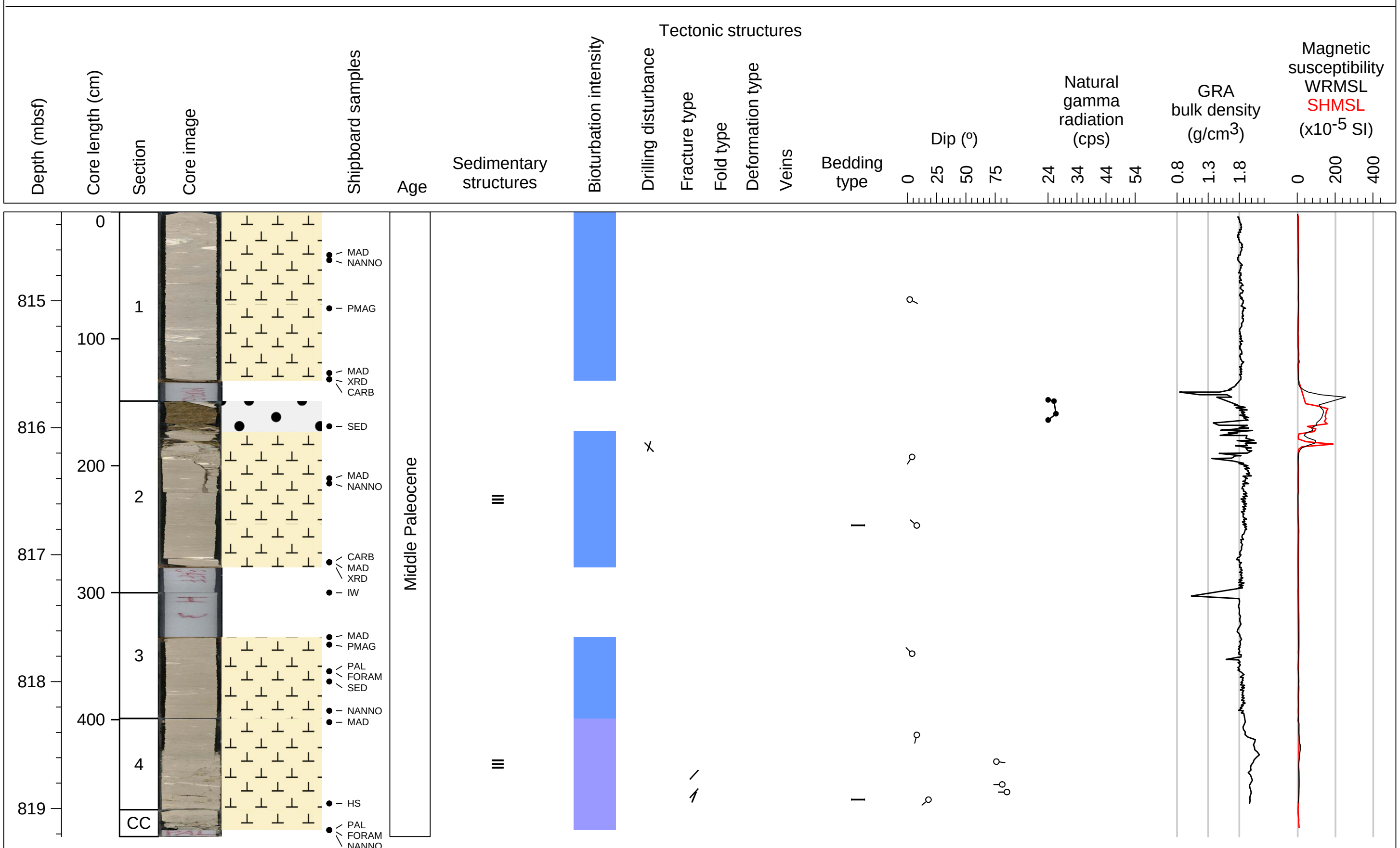
Hole 375-U1520C Core 19R, Interval 804.6-809.28 m (CSF-A)

Very pale brown chalk. Some bioturbation. Contorted variegated chalk provides evidence of soft sediment deformation. Contorted chalk surrounds subangular clasts of marl and chalk. One large (4 cm) clast of altered basalt was recovered at the very top of the core.



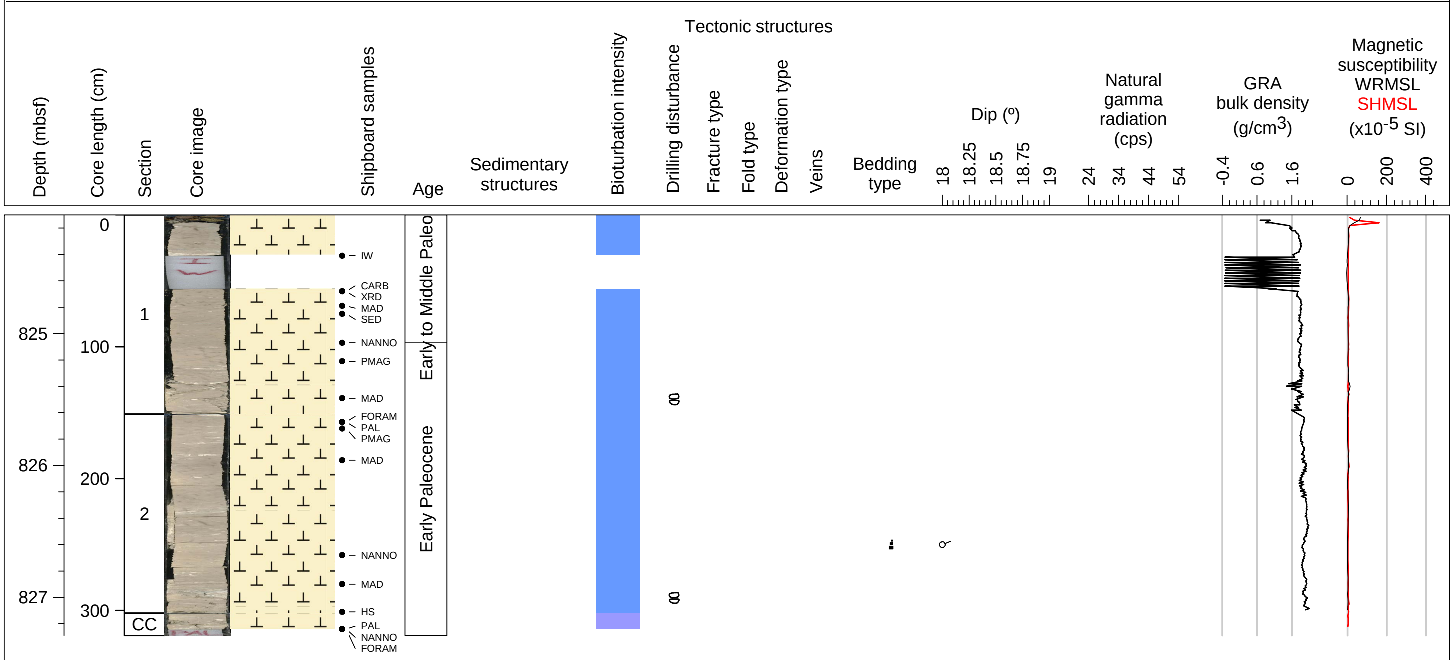
Hole 375-U1520C Core 20R, Interval 814.3-819.22 m (CSF-A)

Pale brown chalk. Some bioturbation. Contorted variegated chalk provides evidence of soft sediment deformation. Contorted chalk surrounds subangular clasts of basalt, volcaniclastic rock, marl, and chalk.



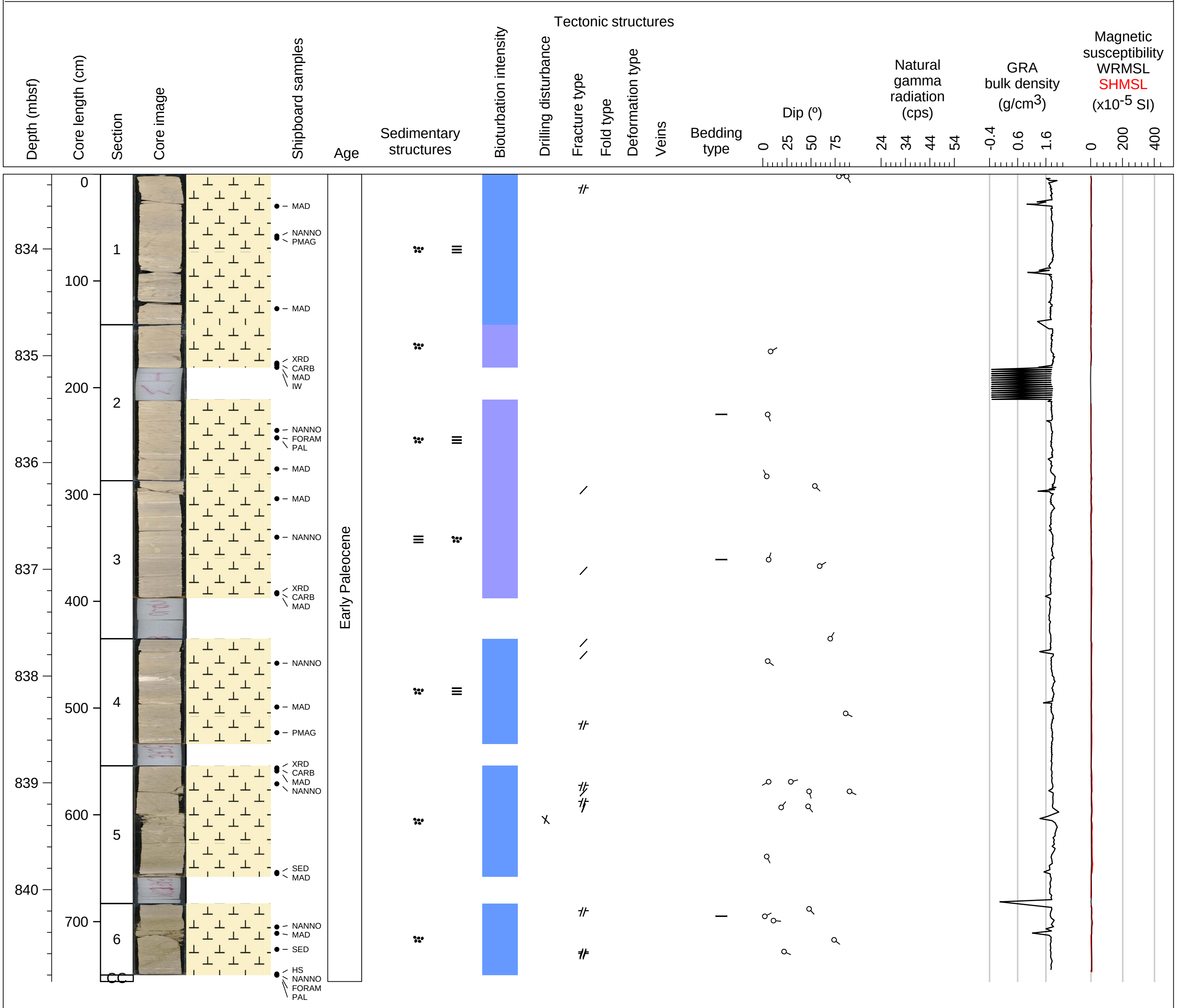
Hole 375-U1520C Core 21R, Interval 823.9-827.09 m (CSF-A)

Brownish-white muddy chalk. Some bioturbation. Contorted variegated chalk provides evidence of soft sediment deformation. Contorted chalk surrounds subangular clasts of basalt, volcaniclastic rock, marl, and chalk.



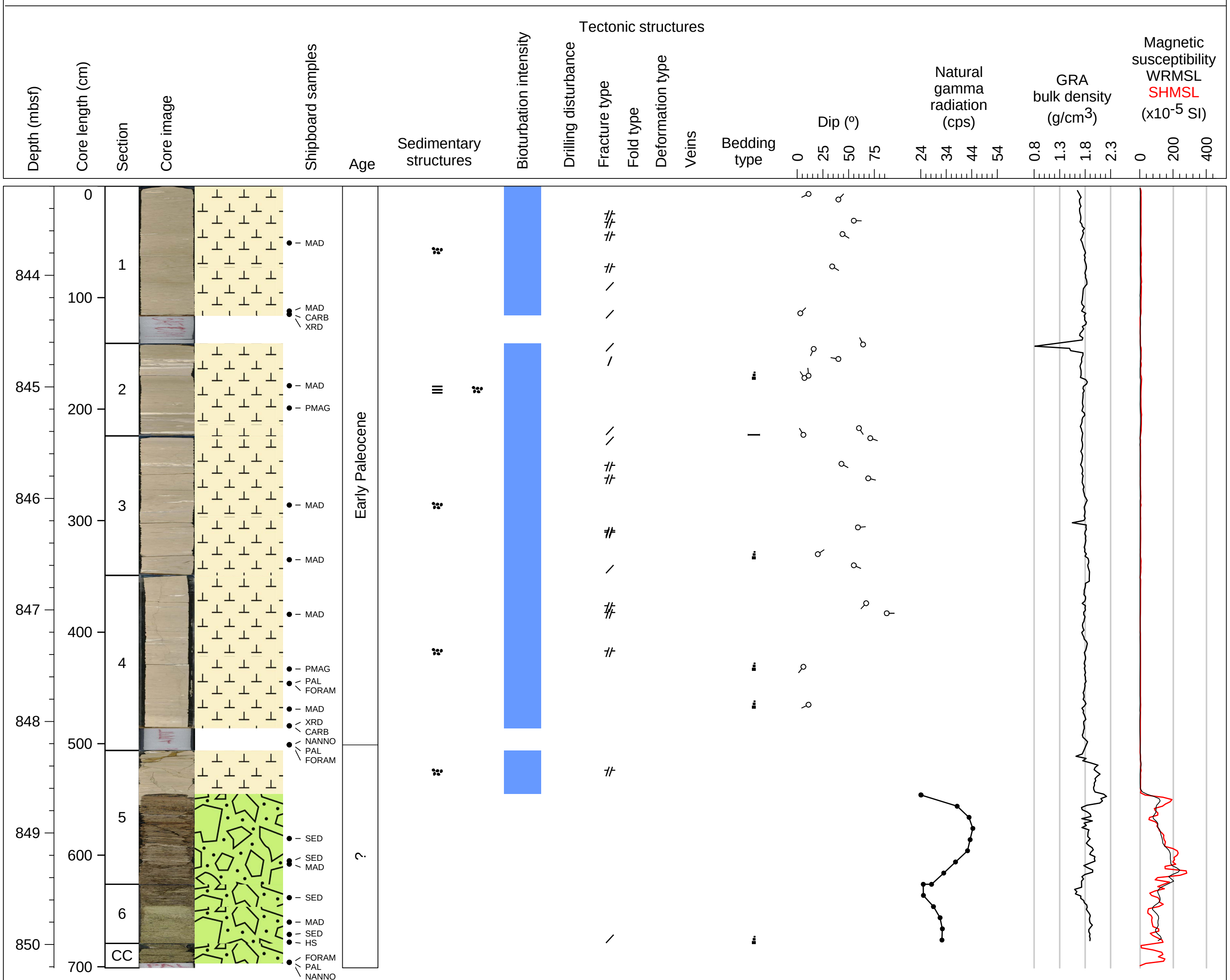
Hole 375-U1520C Core 22R, Interval 833.5-841.06 m (CSF-A)

Brownish-white to light yellowish-brown muddy chalk. Some bioturbation, including white Ophiomorpha burrows.



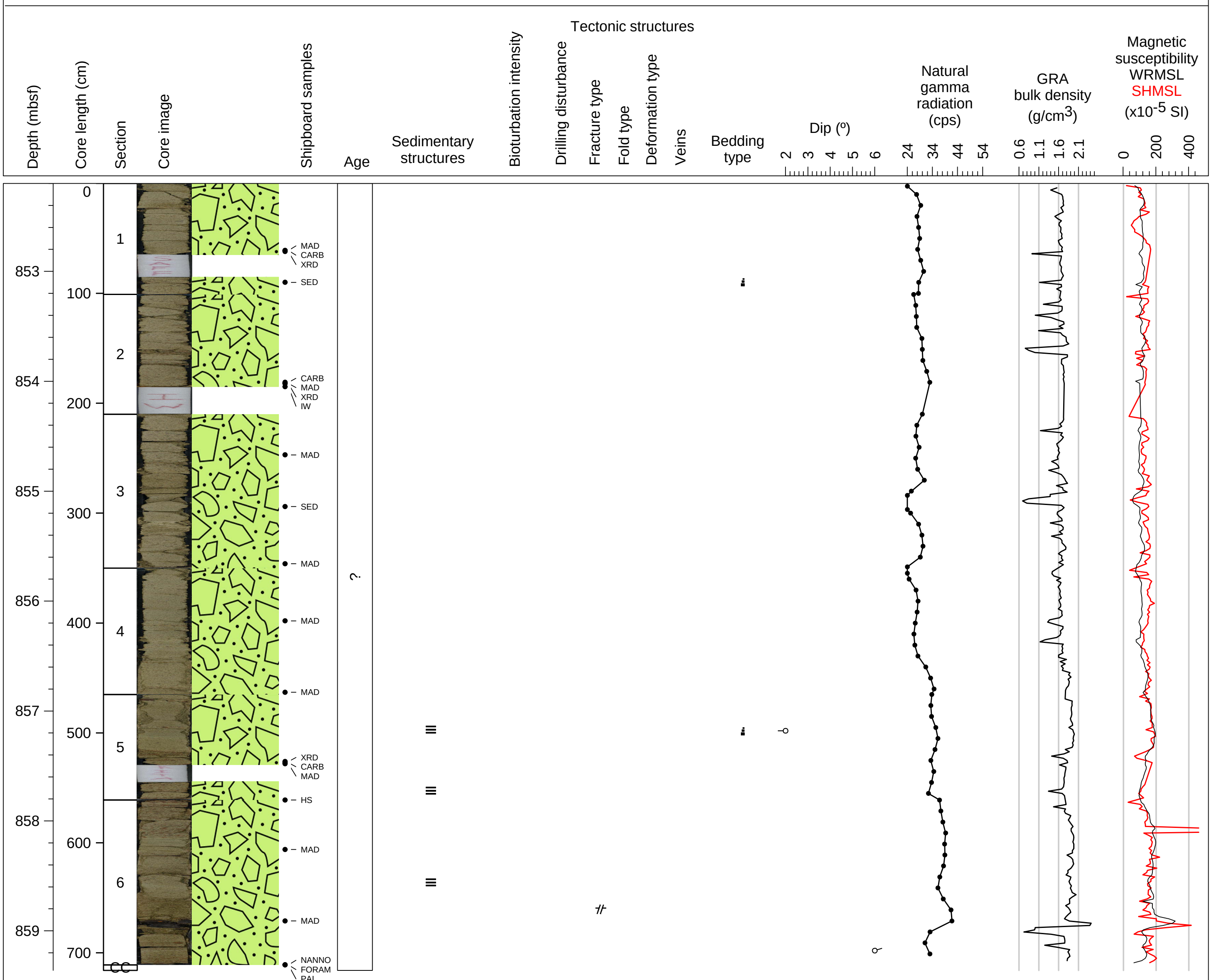
Hole 375-U1520C Core 23R, Interval 843.0-850.01 m (CSF-A)

Brownish-white to light yellowish-brown muddy chalk. Some bioturbation, including white Ophiomorpha burrows. A sharp, disturbed boundary in section 5 separates the chalk from a poorly sorted coarse siltstone to gravel conglomerate. Grains range in color from black to dark brown and green, and in size up to 2 cm. Larger grains are altered volcaniclastic and/or altered basalt, supported by a finer grained matrix.



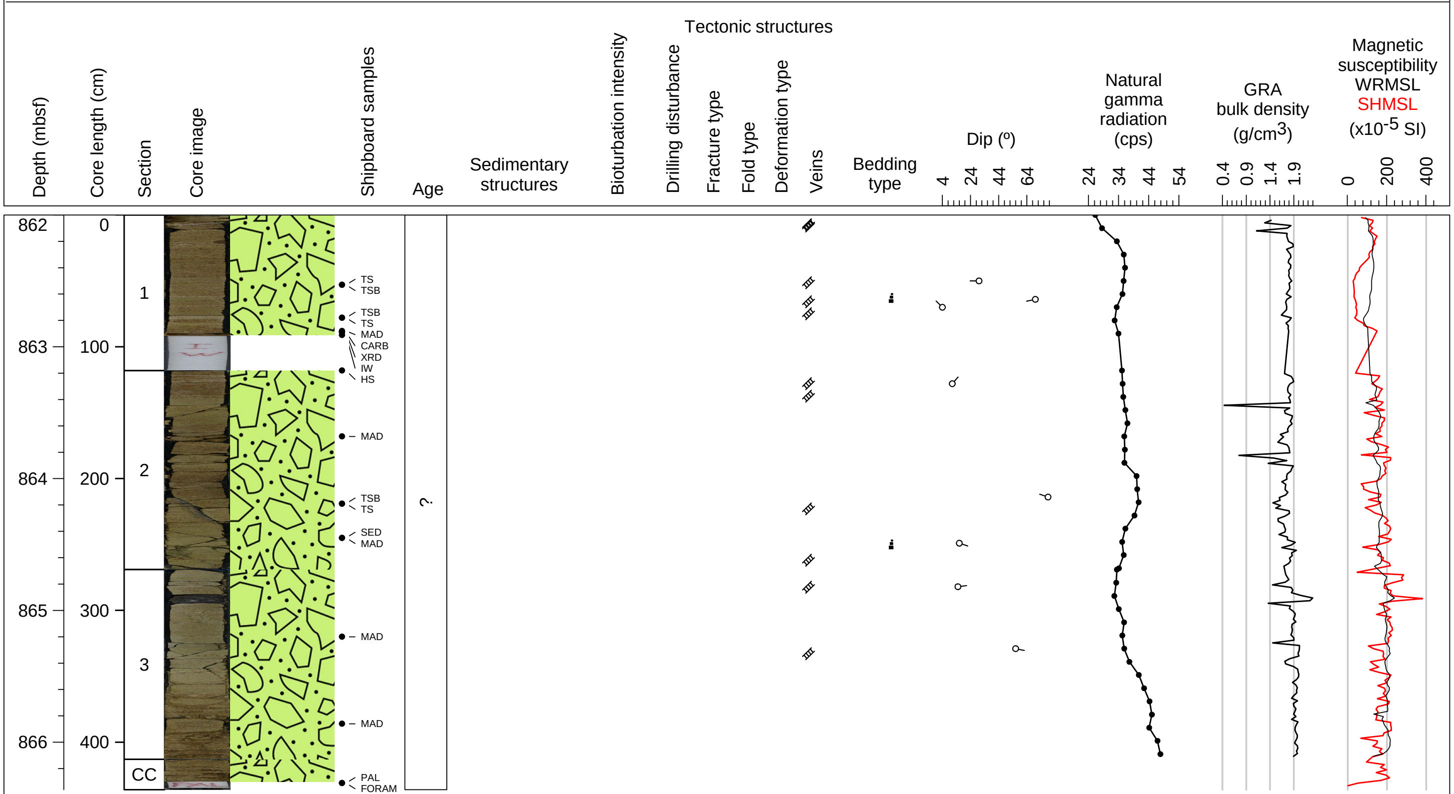
Hole 375-U1520C Core 24R, Interval 852.6-859.76 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 1 cm in a fine grained matrix, Very thin interbeds range from coarse sandstone to siltstone.



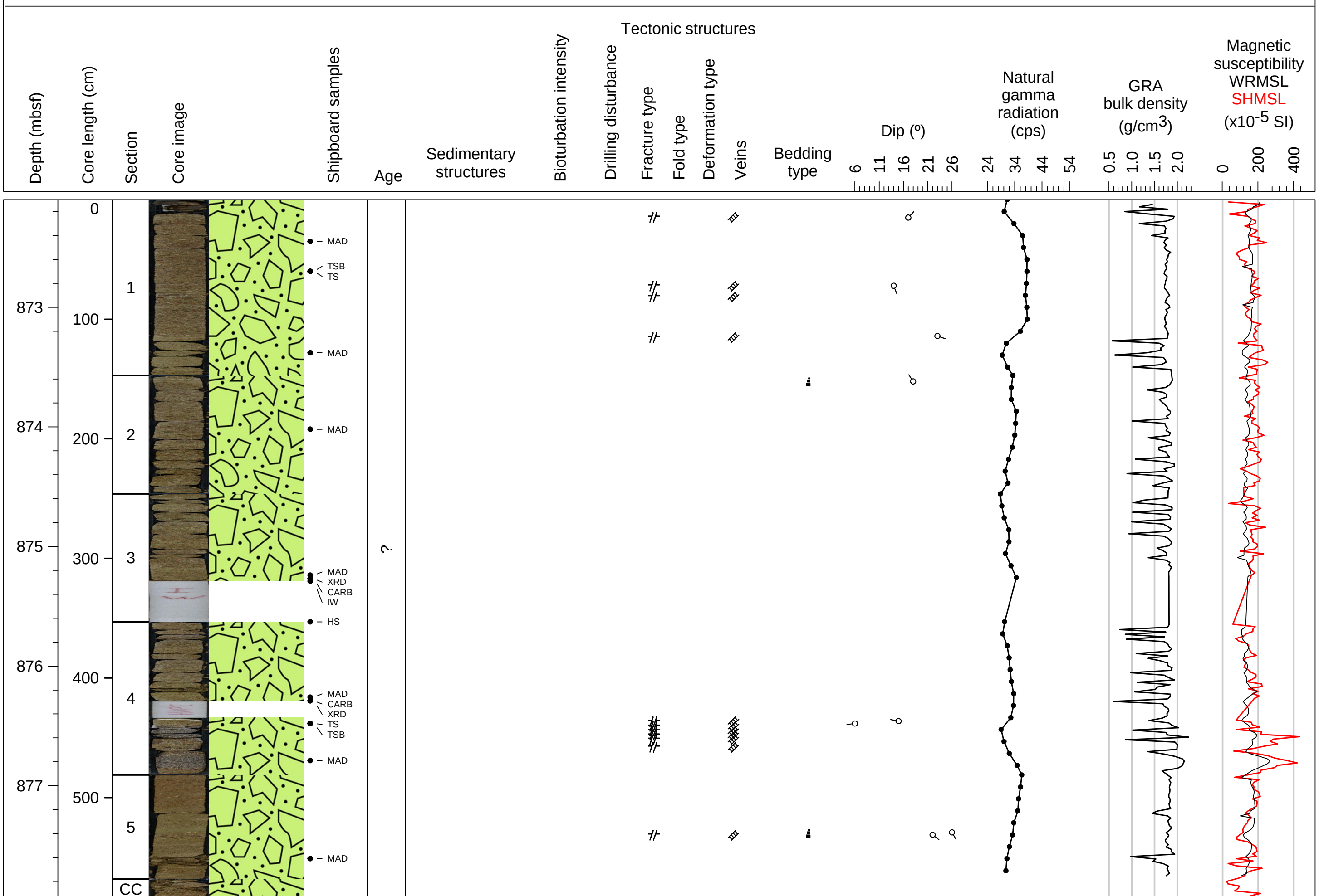
Hole 375-U1520C Core 25R, Interval 862.2-866.56 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 1 cm in a fine grained matrix, Very thin interbeds range from coarse sandstone to siltstone.



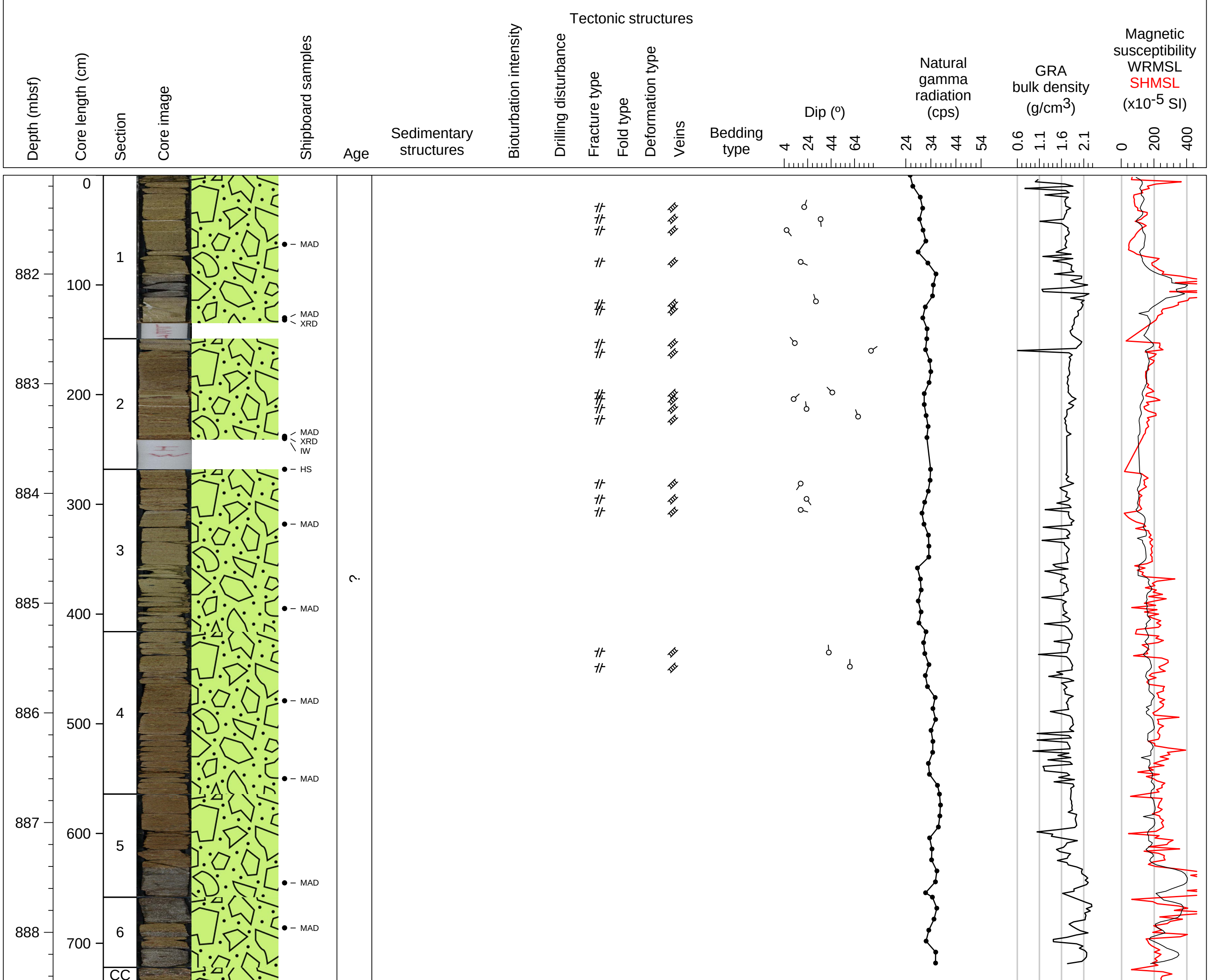
Hole 375-U1520C Core 26R, Interval 871.7-877.55 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 2 cm in a fine grained matrix, Some intervals of volcaniclastic conglomerate are supported by a calcite cement. Sub-horizontal, mm-scale up tp 0.5 cm thick calcite veins.



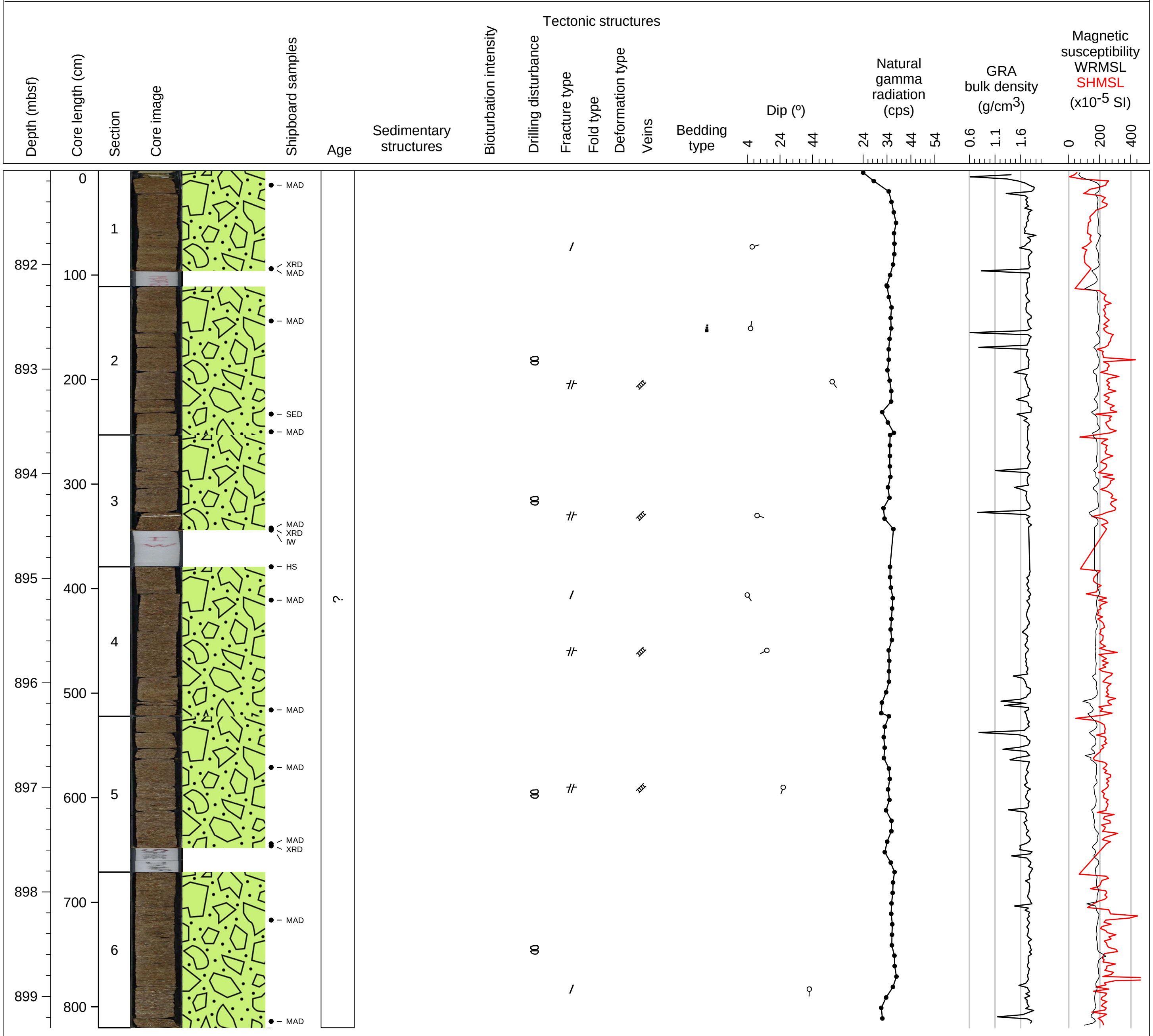
Hole 375-U1520C Core 27R, Interval 881.3-888.66 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 2 cm in a fine grained matrix, Some intervals of volcaniclastic conglomerate are supported by a calcite cement. Sub-horizontal, mm-scale up tp 0.5 cm thick calcite veins.



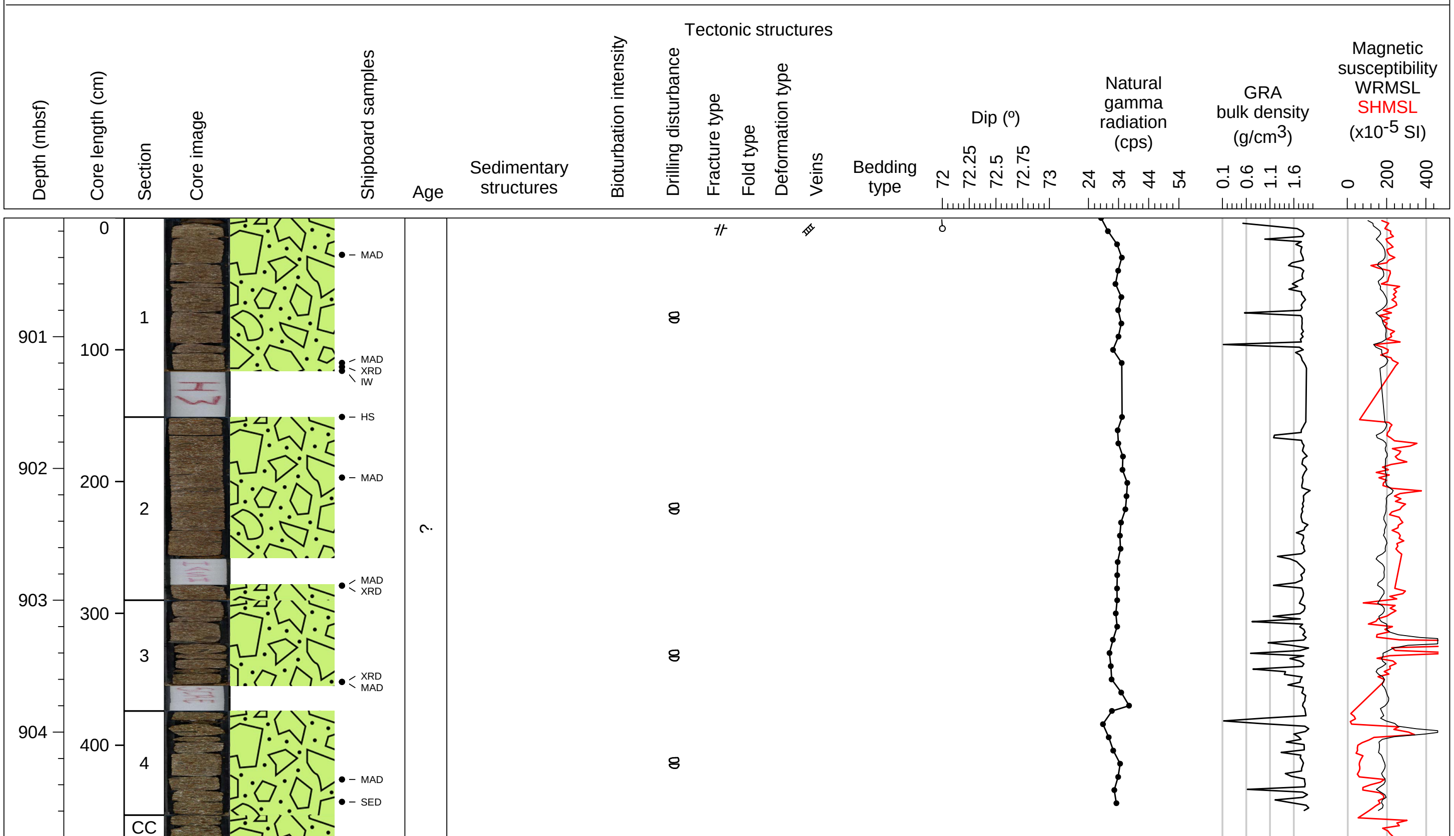
Hole 375-U1520C Core 28R, Interval 890.9-899.1 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 2 cm in a fine grained matrix, Some intervals of volcaniclastic conglomerate are supported by a calcite cement. Sub-horizontal, mm-scale up tp 0.5 cm thick calcite veins.



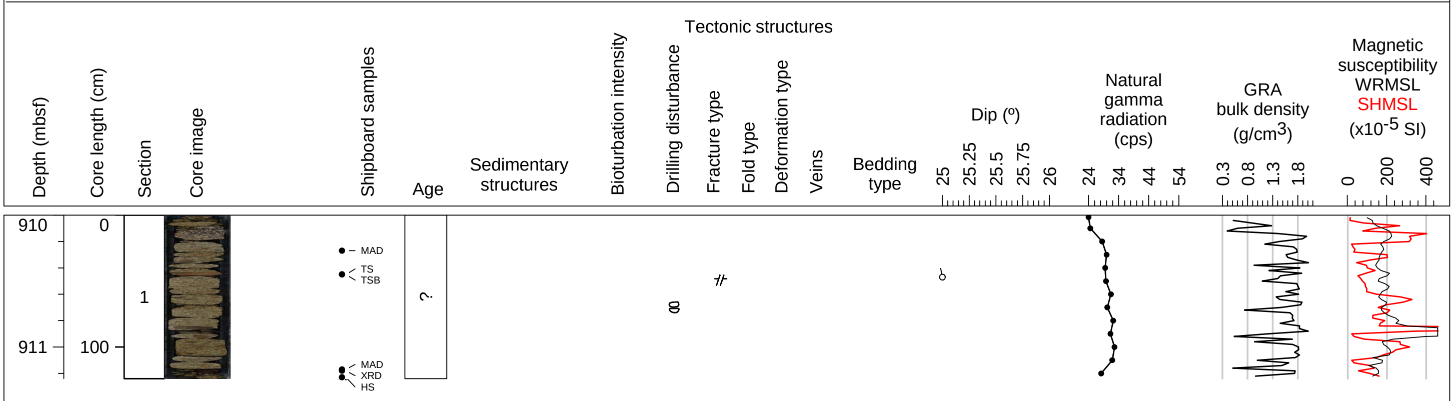
Hole 375-U1520C Core 29R, Interval 900.5-905.22 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 3 cm in a fine grained matrix, Some intervals of volcaniclastic conglomerate are supported by a calcite cement.



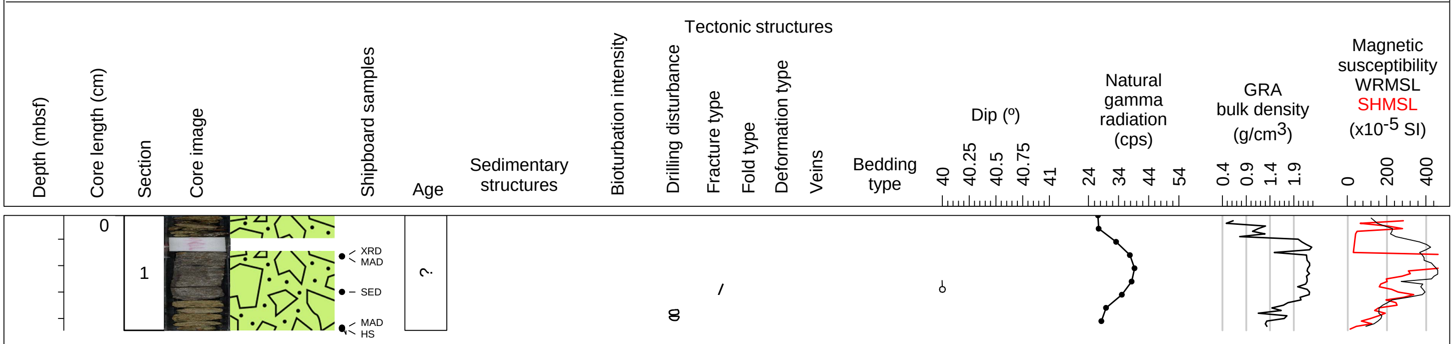
Hole 375-U1520C Core 30R, Interval 910.1-911.34 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 6 cm in a fine grained matrix, Some intervals of volcaniclastic conglomerate are supported by a calcite cement.



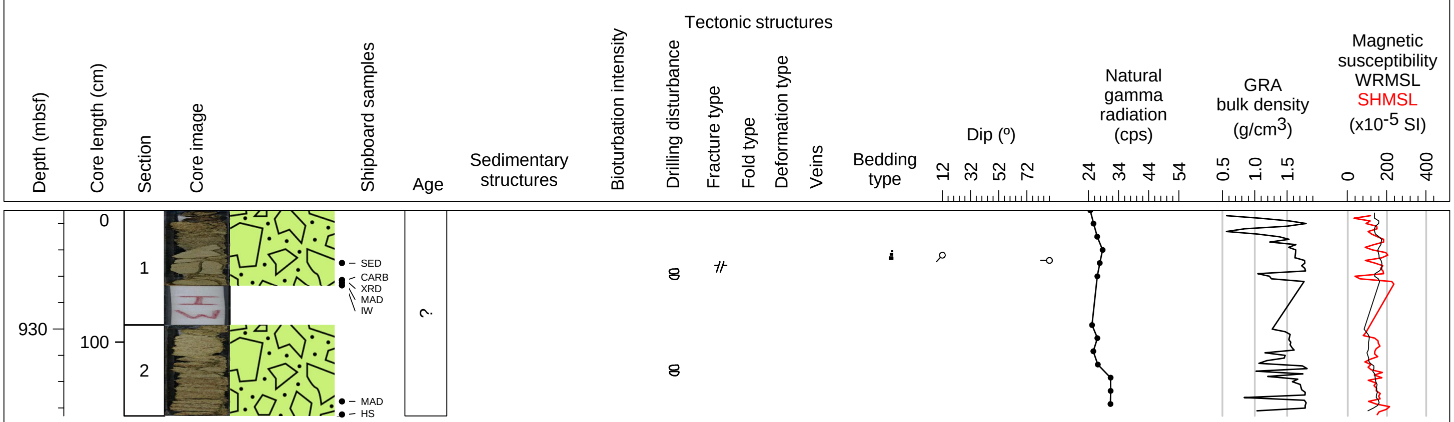
Hole 375-U1520C Core 31R, Interval 919.7-920.57 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 3 cm in a fine grained matrix, Some intervals of volcaniclastic conglomerate are supported by a calcite cement.



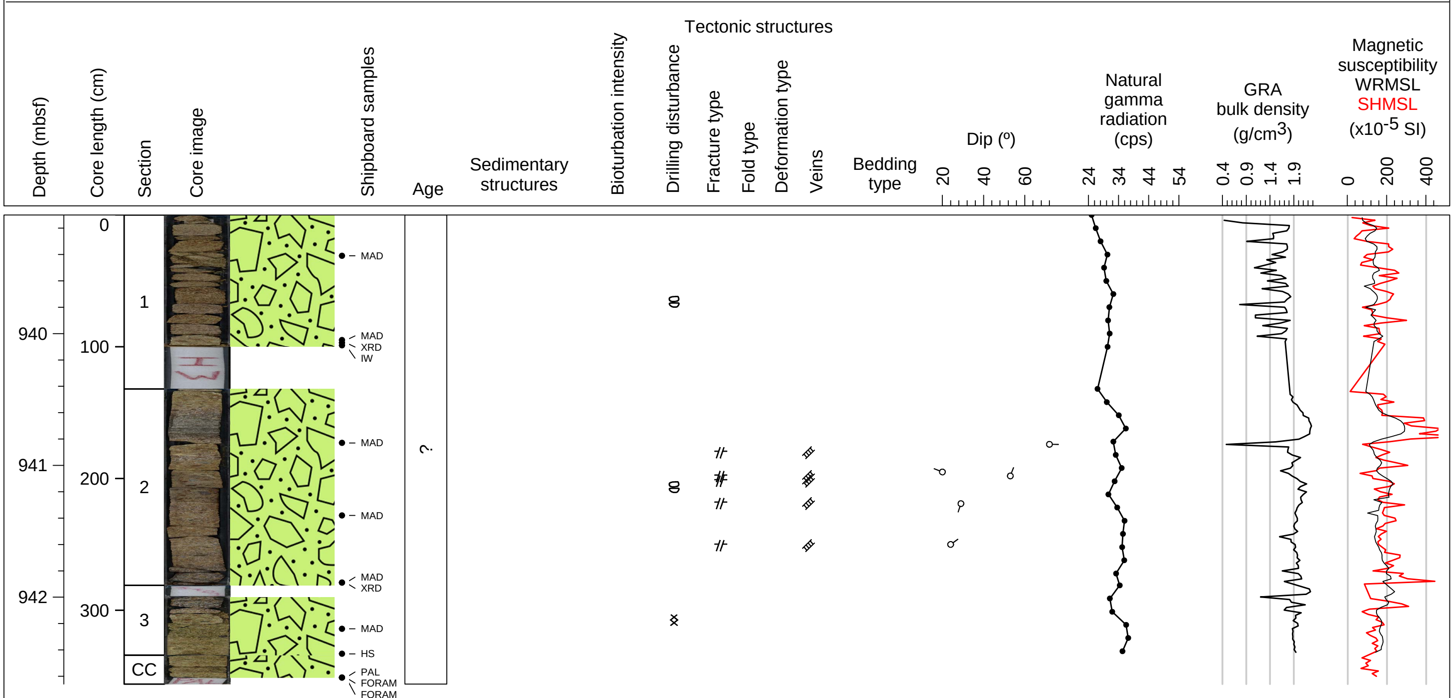
Hole 375-U1520C Core 32R, Interval 929.3-930.86 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 1 cm in a fine grained greenish matrix,



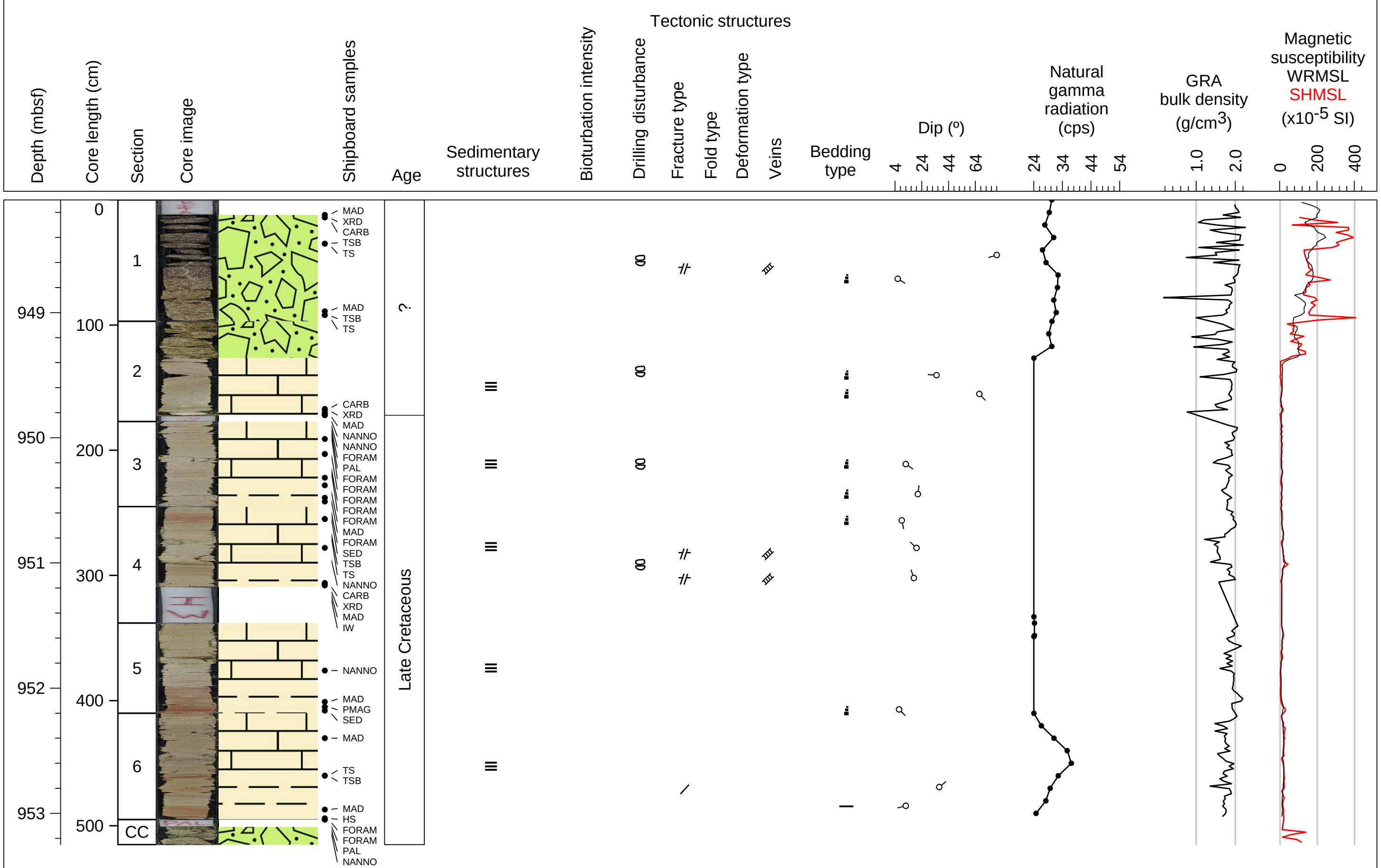
Hole 375-U1520C Core 33R, Interval 938.9-942.46 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 3 cm in a fine grained matrix, Some intervals of volcaniclastic conglomerate are supported by a calcite cement. Several mm-scale calcite veins.



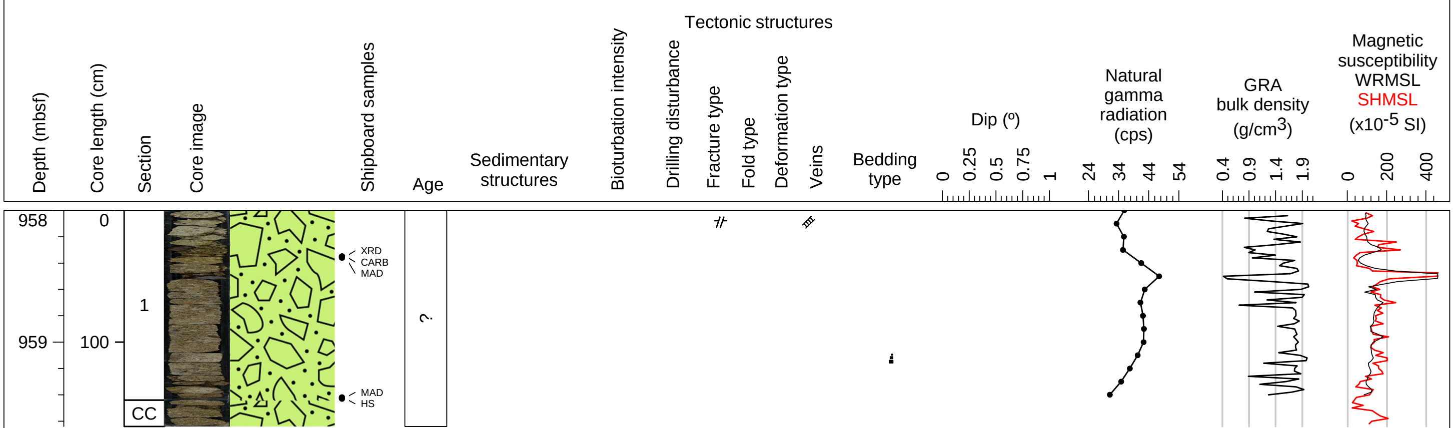
Hole 375-U1520C Core 34R, Interval 948.5-953.65 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 2 cm in a fine grained matrix, Some intervals of volcaniclastic conglomerate are supported by a calcite cement. A sharp transition is seen in 34R-2, 29 cm where the lithology changes to pale yellow marl with red laminae. Tabular calcite and black opaque grains are aligned with laminae.



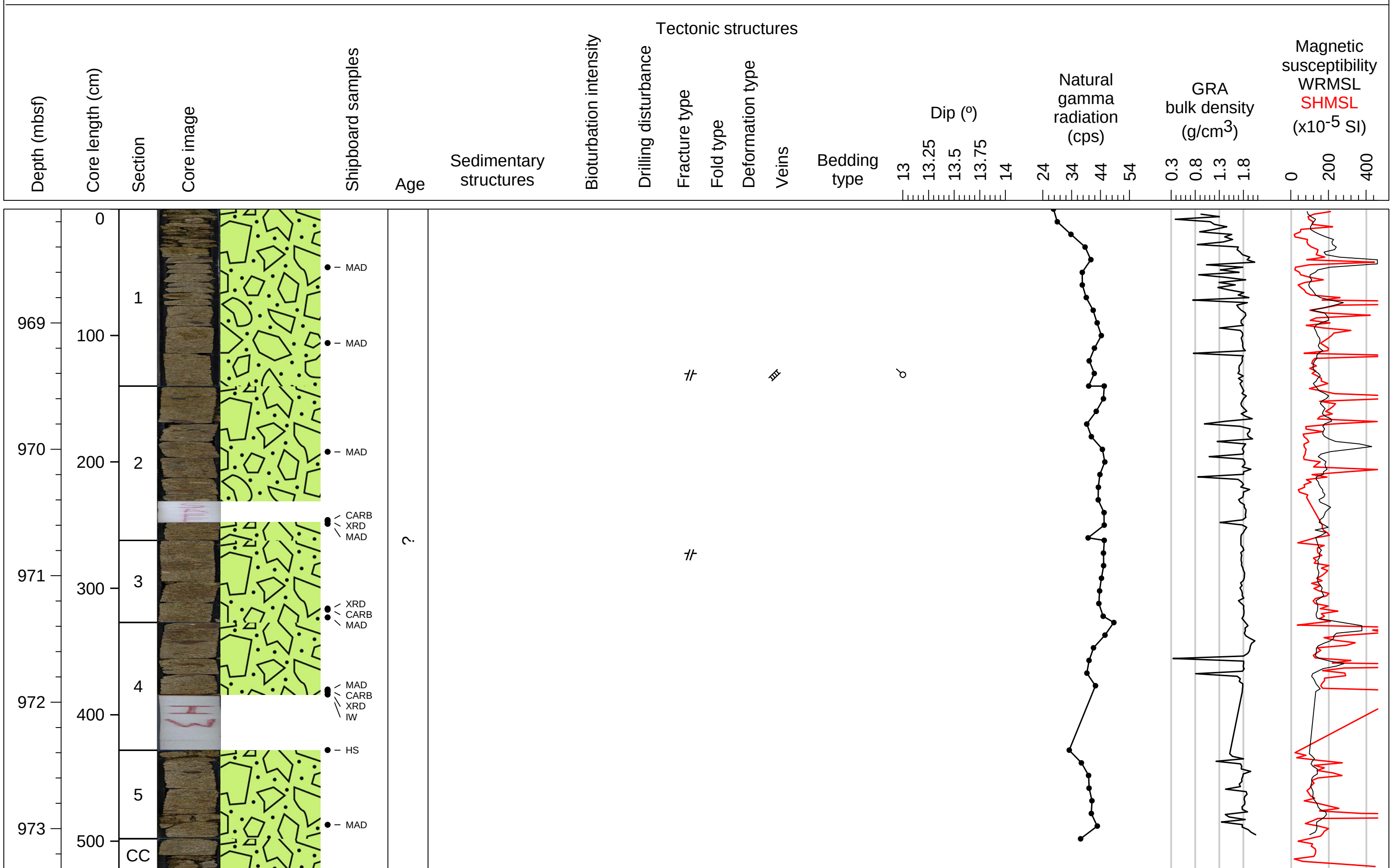
Hole 375-U1520C Core 35R, Interval 958.1-959.74 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 5 cm in a fine grained matrix, Matrix ranges in color from brown to light green with local patches of milky white calcite and/or zeolite cement.



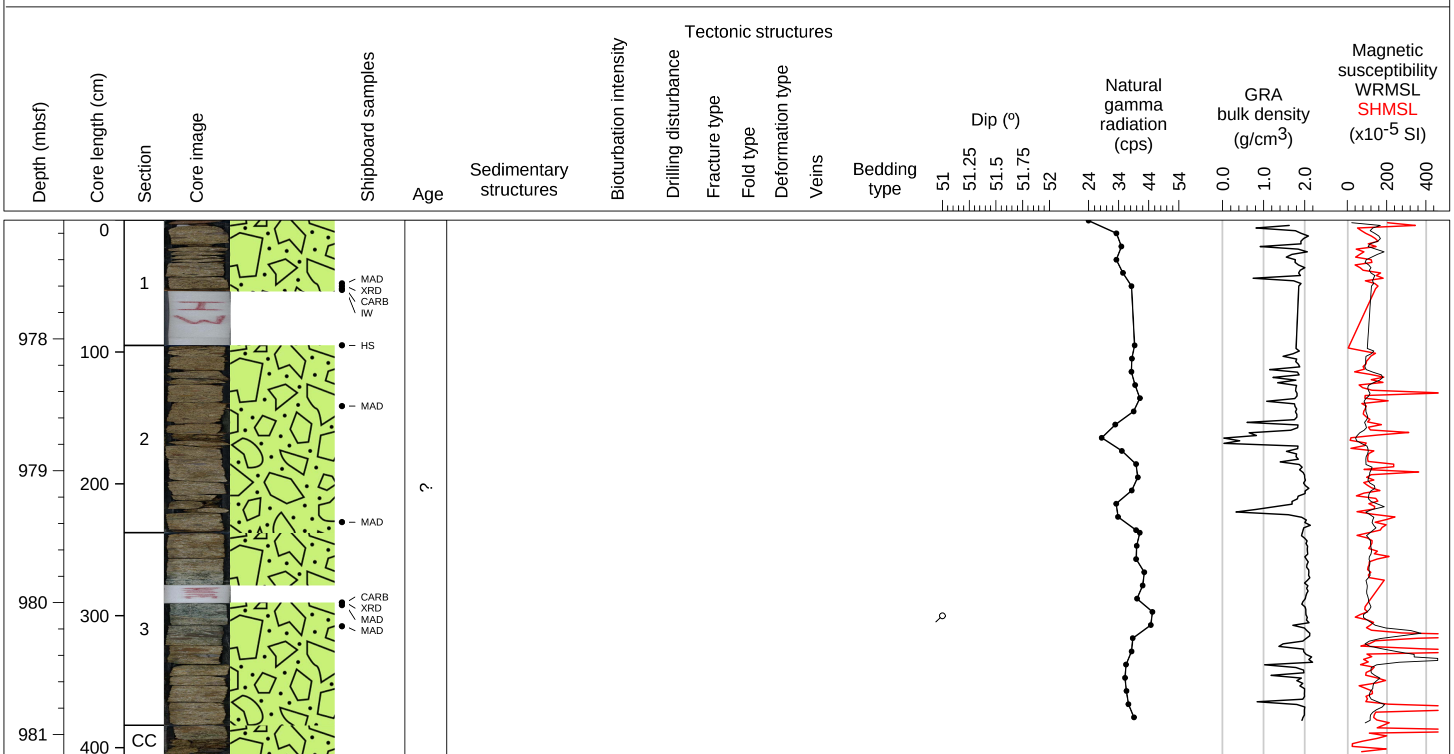
Hole 375-U1520C Core 36R, Interval 967.7-972.95 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 5 cm in a fine grained matrix, Matrix is reddish-brown in color with local patches of milky white calcite and/or zeolite cement.



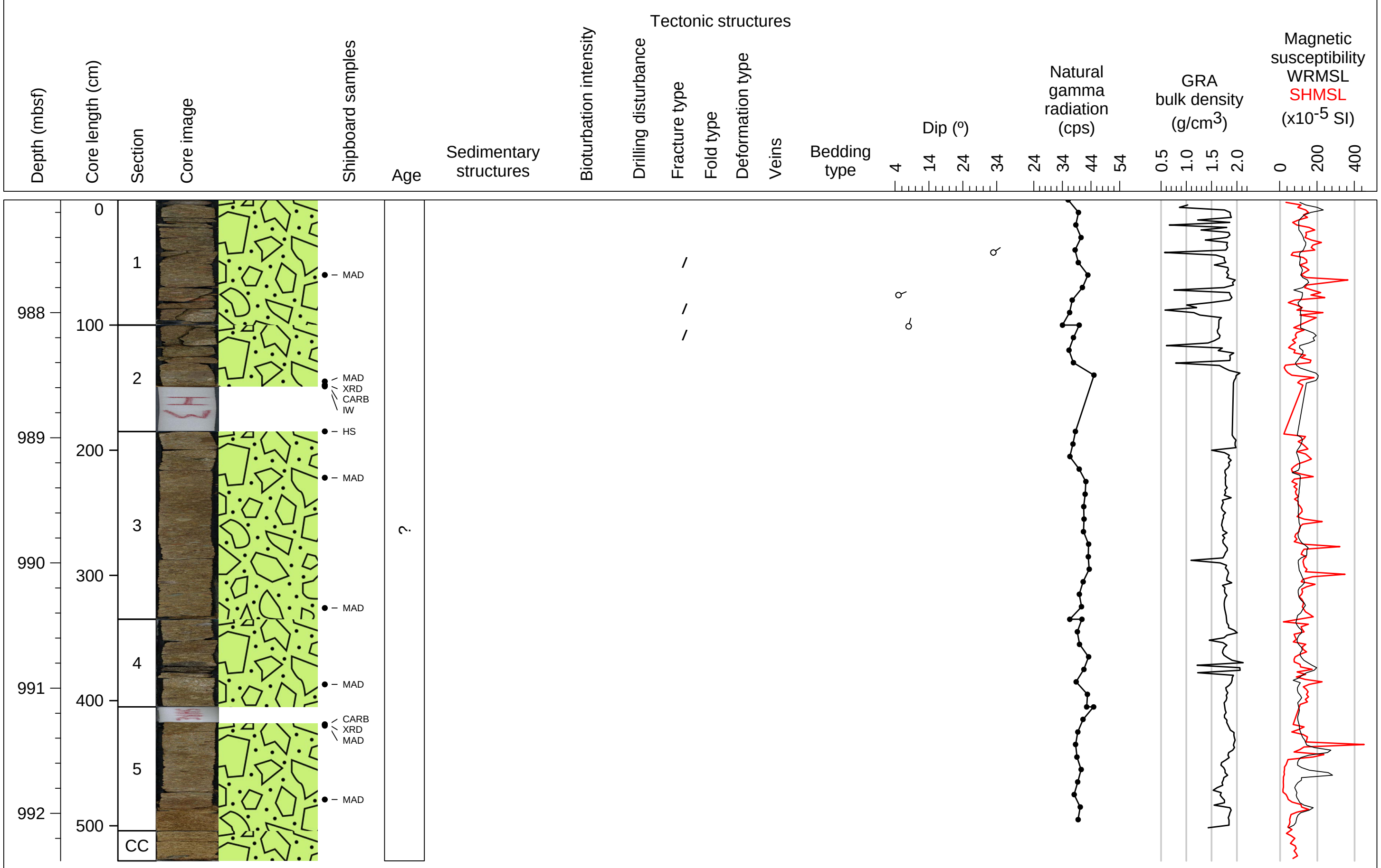
Hole 375-U1520C Core 37R, Interval 977.3-981.36 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 5 cm in a fine grained matrix, Matrix is light brown in color with local patches of milky white calcite and/or zeolite cement. Dark greenish gray conglomerate with a gradational boundary is found at 34R-3, 30-64 cm.



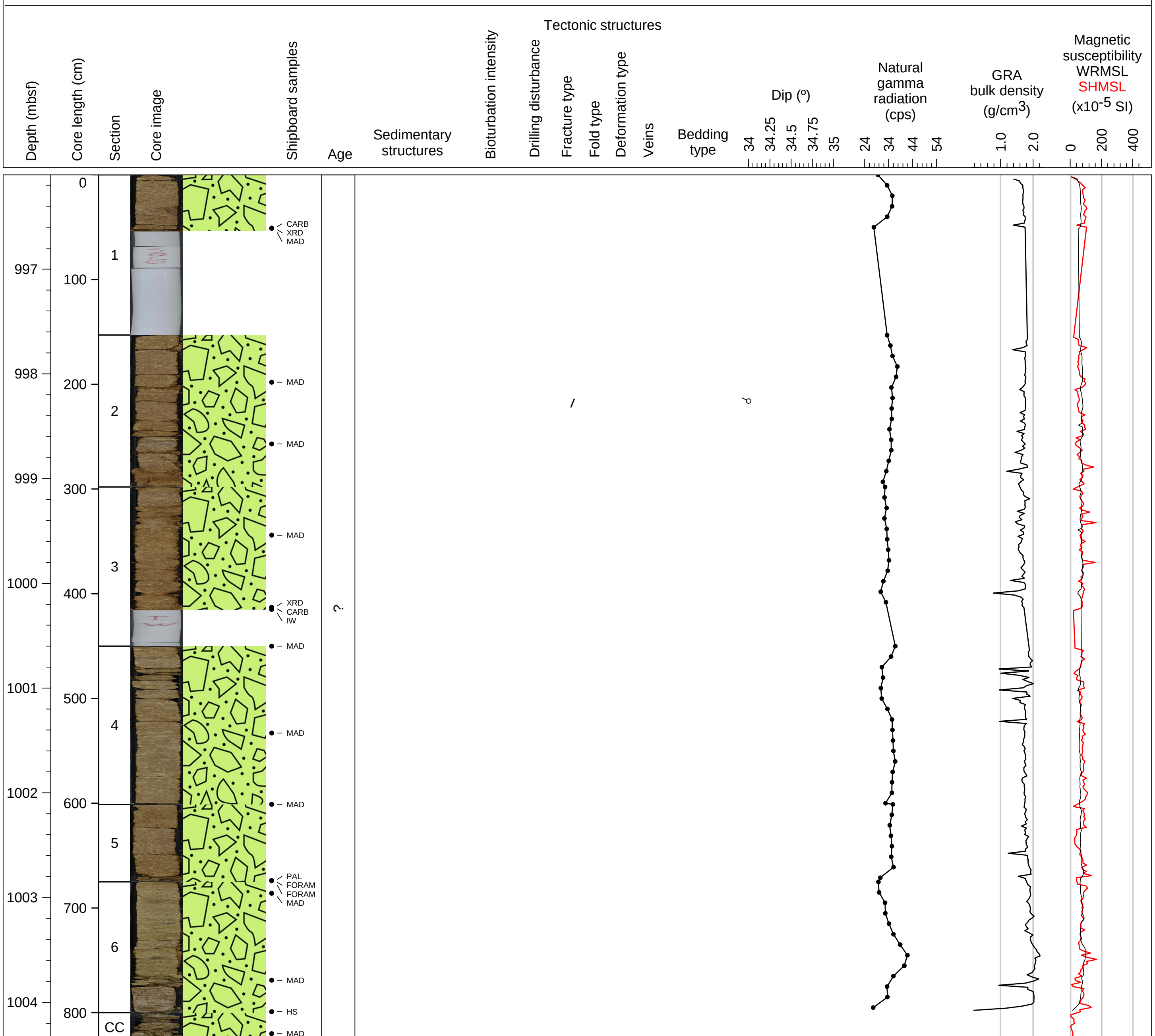
Hole 375-U1520C Core 38R, Interval 986.9-992.18 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 5 cm in a fine grained reddish-brown matrix, Local white cement is either calcite and/or zeolite.



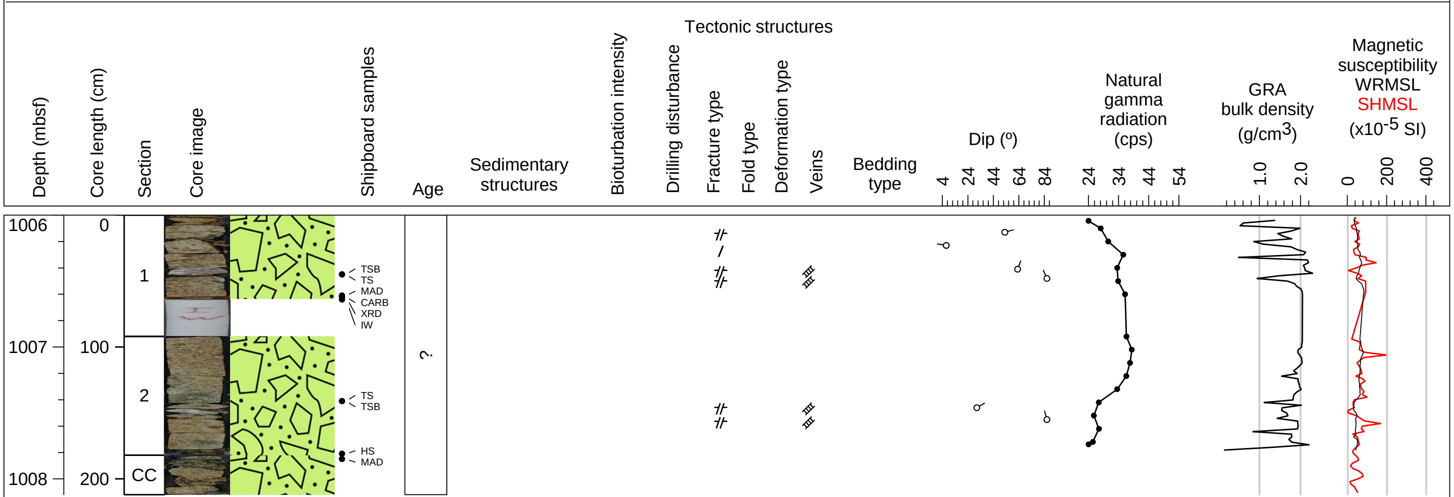
Hole 375-U1520C Core 39R, Interval 996.5-1004.78 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 1 cm in a fine grained reddish-brown matrix, Local white cement is either calcite and/or zeolite.



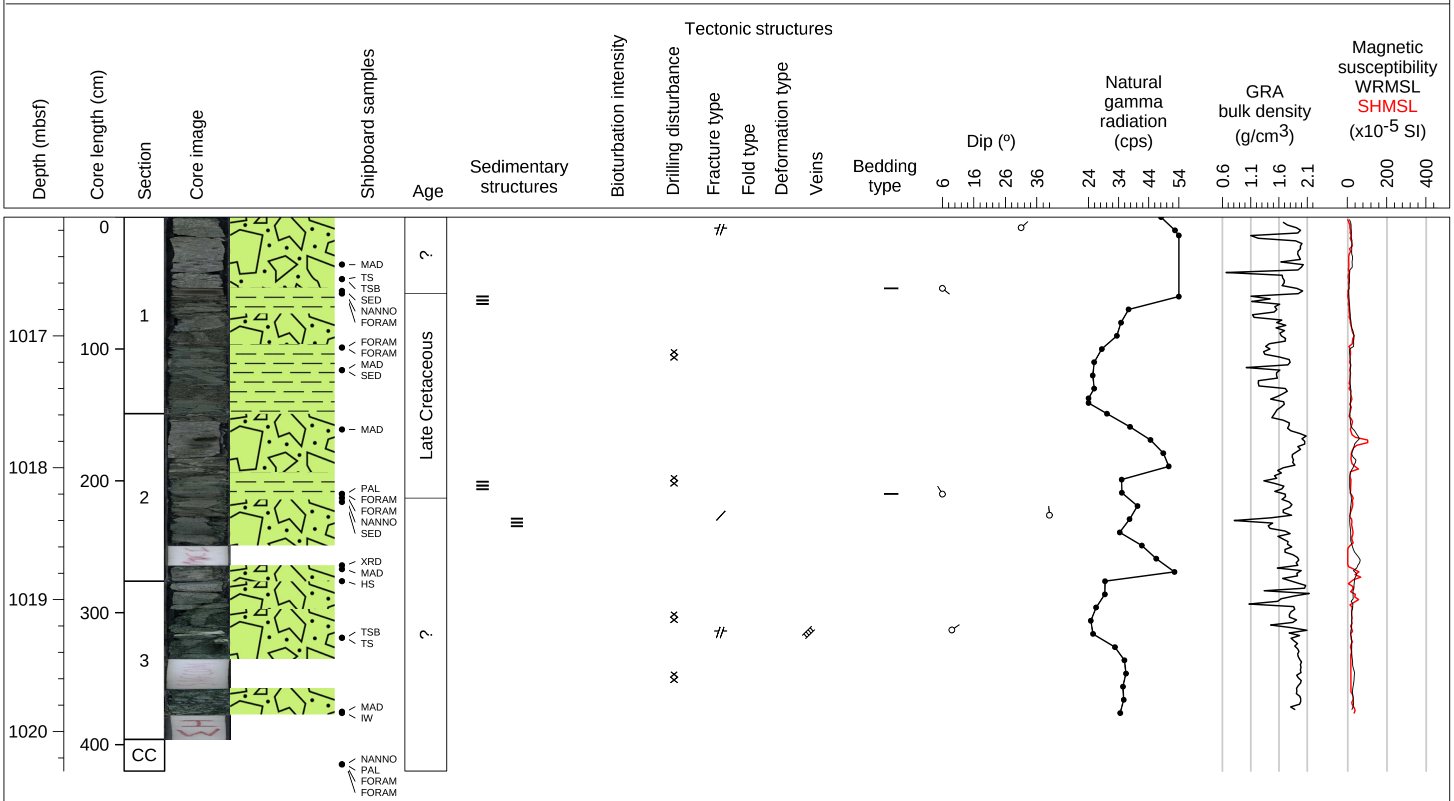
Hole 375-U1520C Core 40R, Interval 1006.2-1008.32 m (CSF-A)

Granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 1 cm in a fine grained reddish-brown matrix, Local white cement is either calcite and/or zeolite. Scattered in the core are 1 cm thick open fractures almost totally filled by blocky calcite.



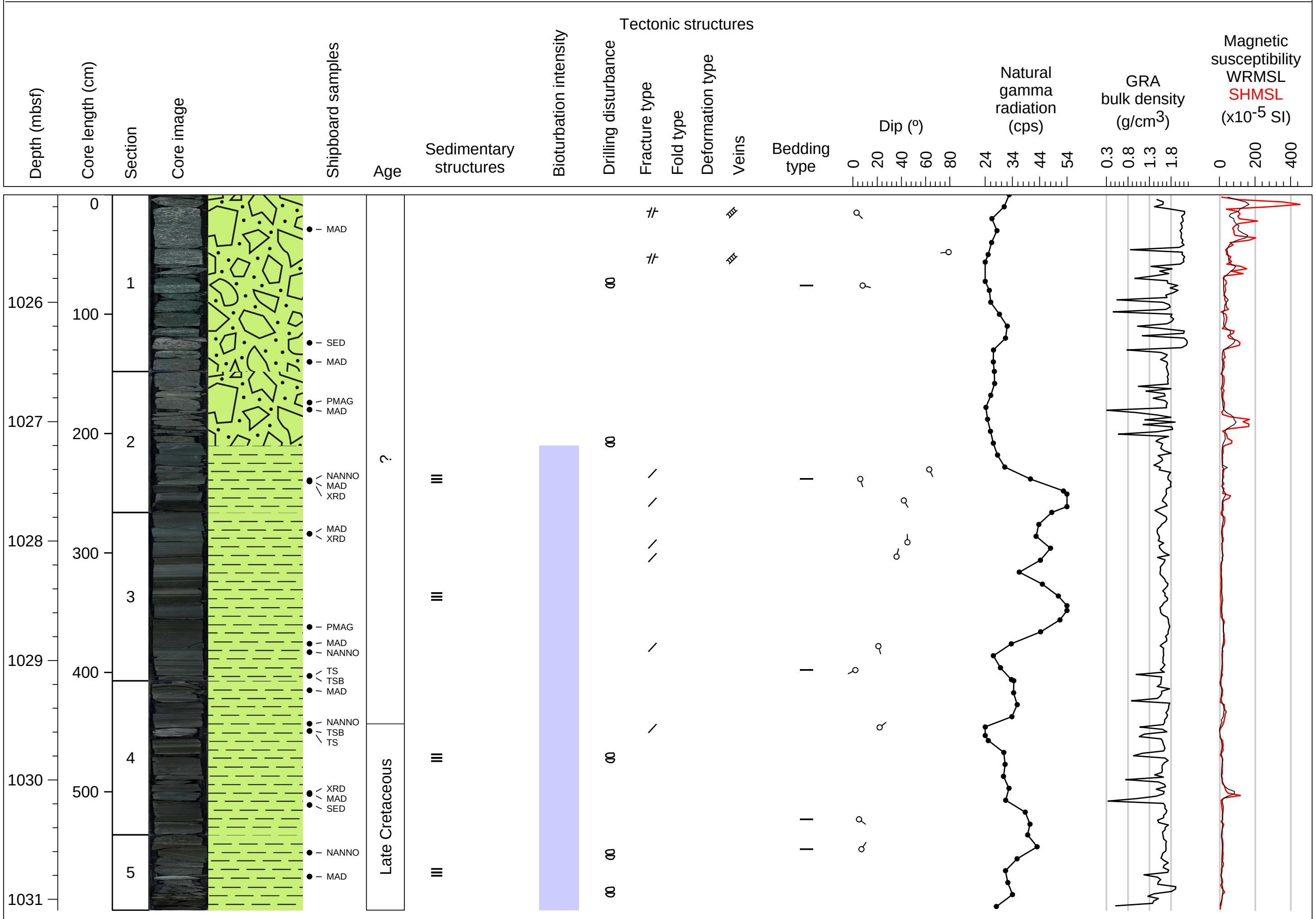
Hole 375-U1520C Core 41R, Interval 1015.7-1019.9 m (CSF-A)

Dark bluish-greenish gray granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 6 cm in a fine grained dark bluish-greenish gray matrix, Local white cement is either calcite and/or zeolite. Beginning at 41R-1, 54 cm, some portions of the core are composed of a dark gray volcaniclastic siltstone.



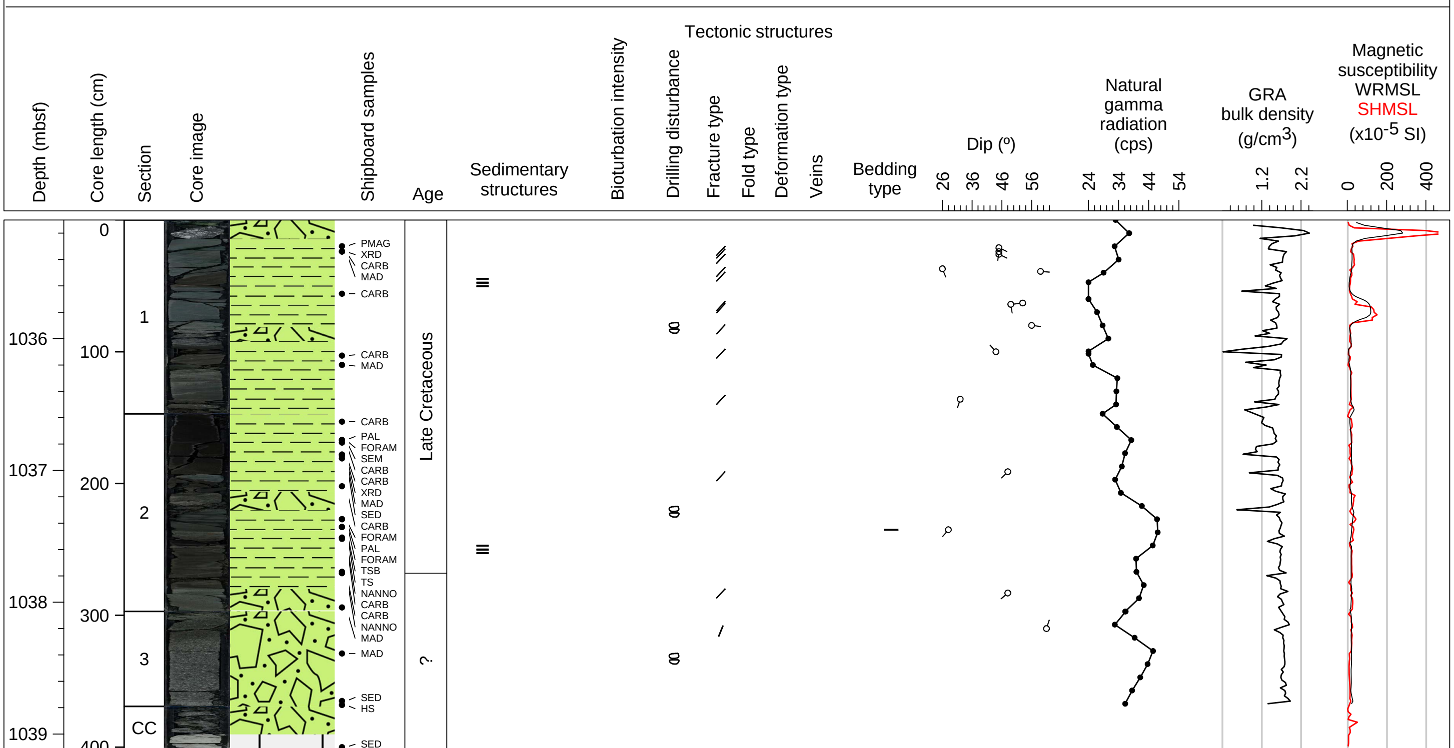
Hole 375-U1520C Core 42R, Interval 1025.3-1031.29 m (CSF-A)

Dark bluish-greenish gray granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains up to 2 cm in a fine grained dark bluish-greenish gray matrix, Local white cement is either calcite and/or zeolite. Intervals of a dark gray volcaniclastic siltstone with planar laminae and normal grading. Some bioturbation.



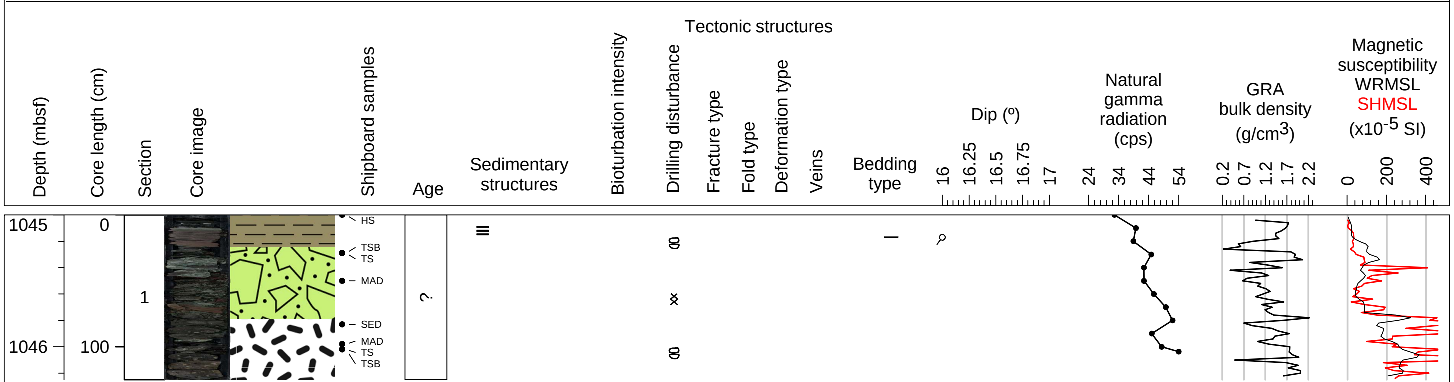
Hole 375-U1520C Core 43R, Interval 1034.9-1038.92 m (CSF-A)

Disjointed blend of lithologies including dark bluish-greenish gray granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains, dark gray volcaniclastic siltstone with planar laminae and normal grading, black pyrite siltstone and limestone.



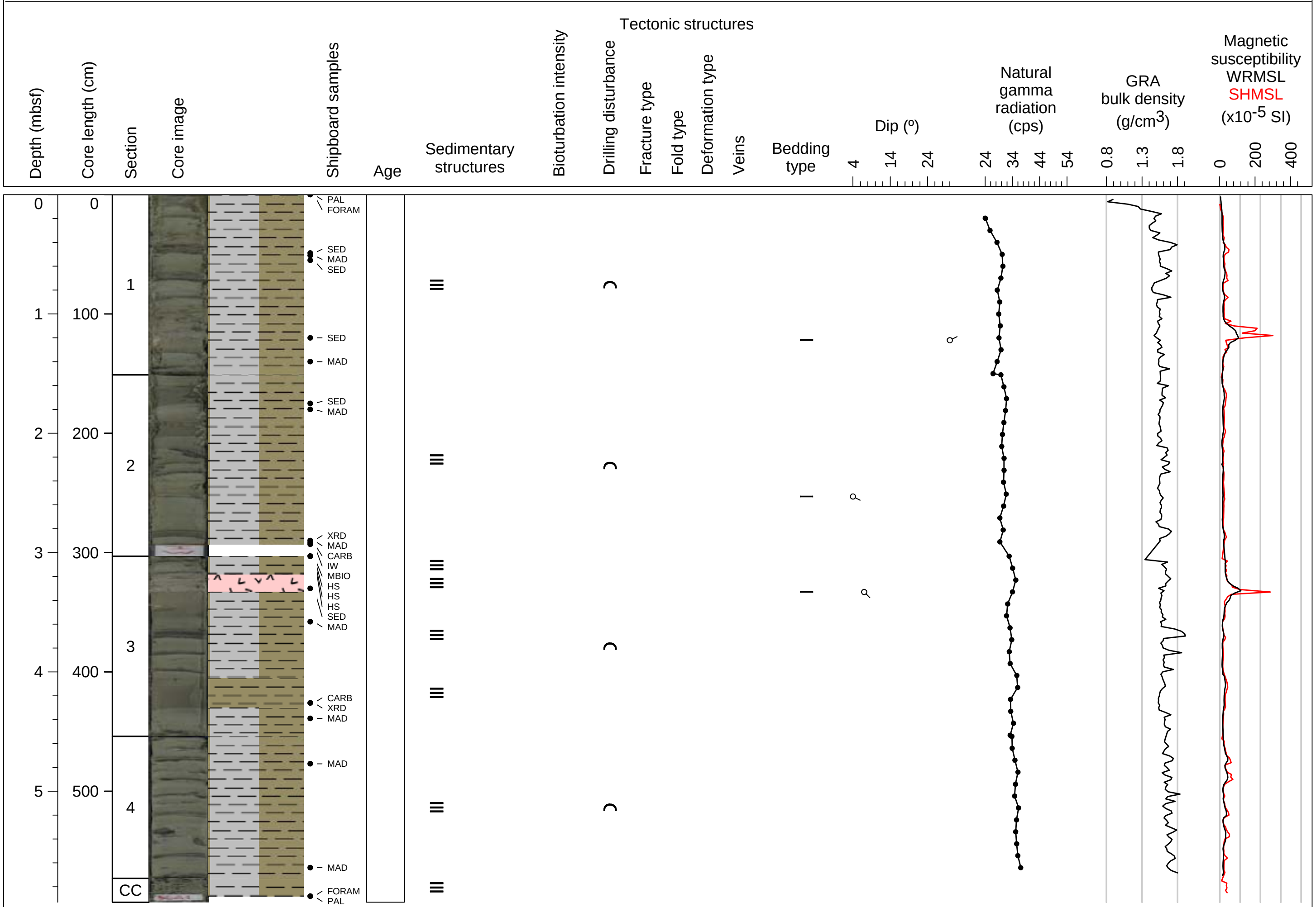
Hole 375-U1520C Core 44R, Interval 1044.5-1045.75 m (CSF-A)

Disjointed blend of lithologies including dark bluish-greenish gray granule to gravel-sized volcaniclastic conglomerate with angular to sub-rounded grains, reddish siltstone with planar laminae, and vesicular basalt.



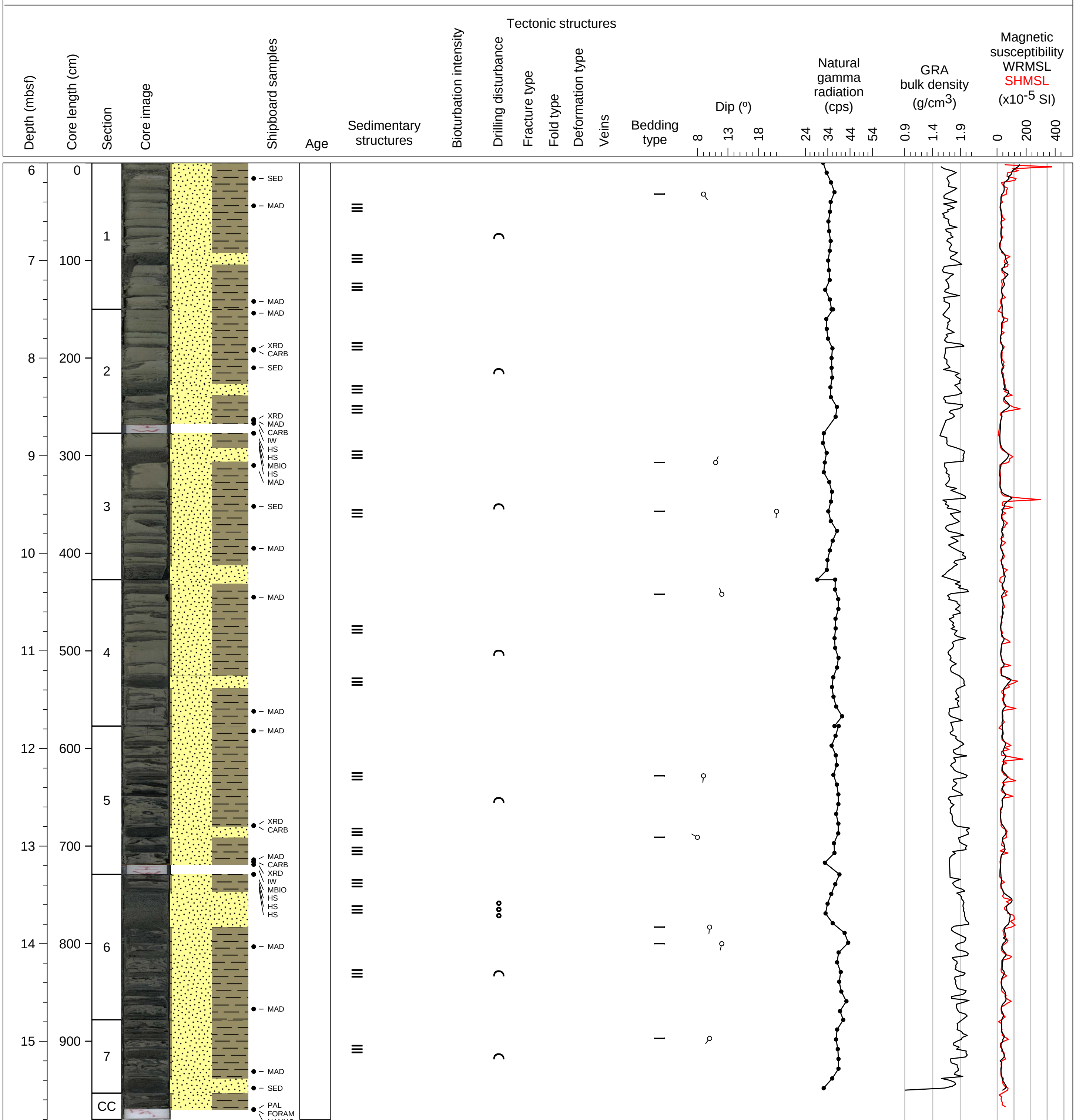
Hole 375-U1520D Core 1H, Interval 0.0-5.93 m (CSF-A)

Alternating dark gray silty clay to silt and greenish gray mud layers. Core contains two ash layers in sections 1 and 3 and several ash pods.



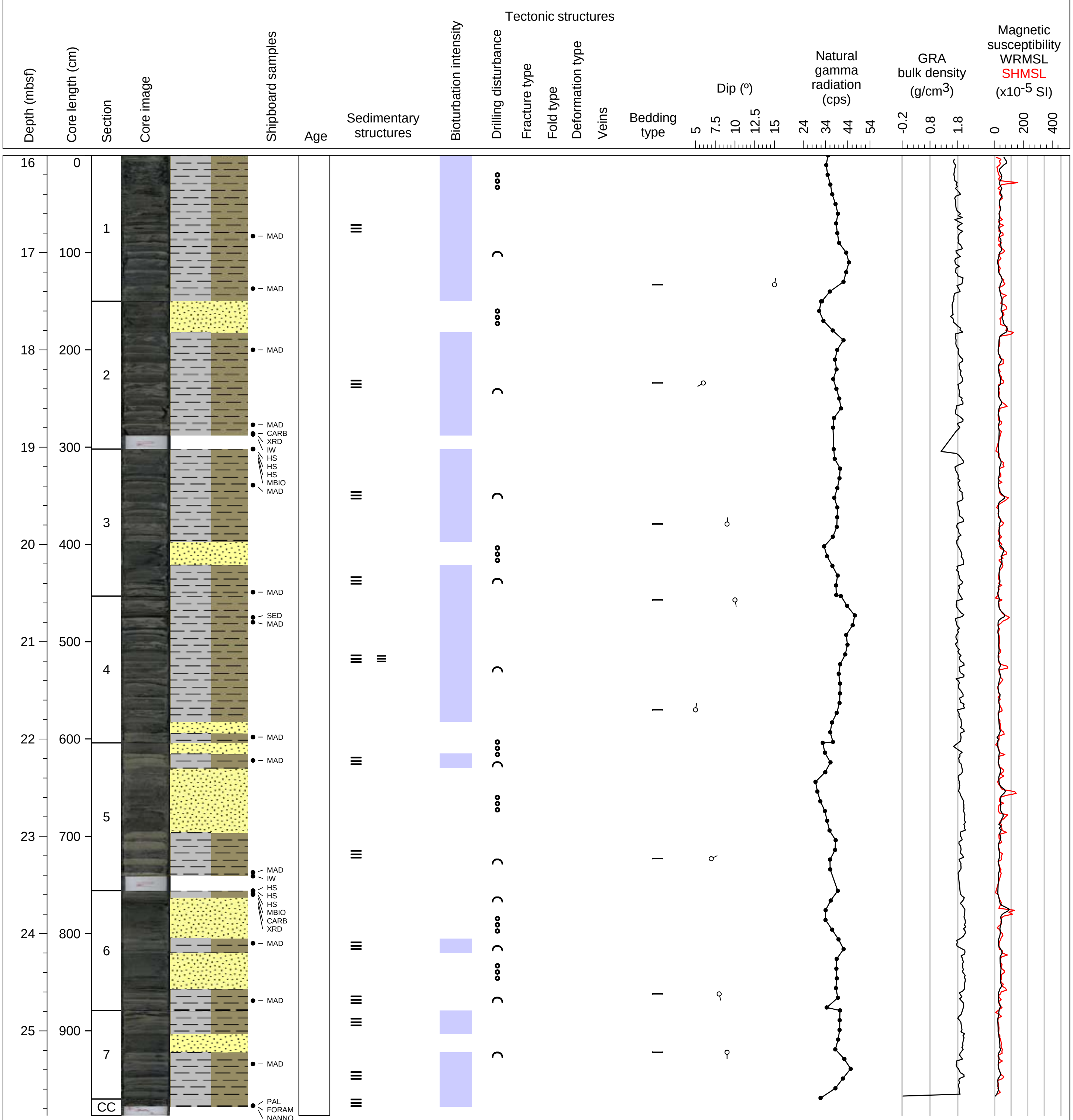
Hole 375-U1520D Core 2H, Interval 6.0-15.8 m (CSF-A)

Alternating dark gray fine sand and greenish gray mud layers. Core contains two ash layers in sections 1 and 3.



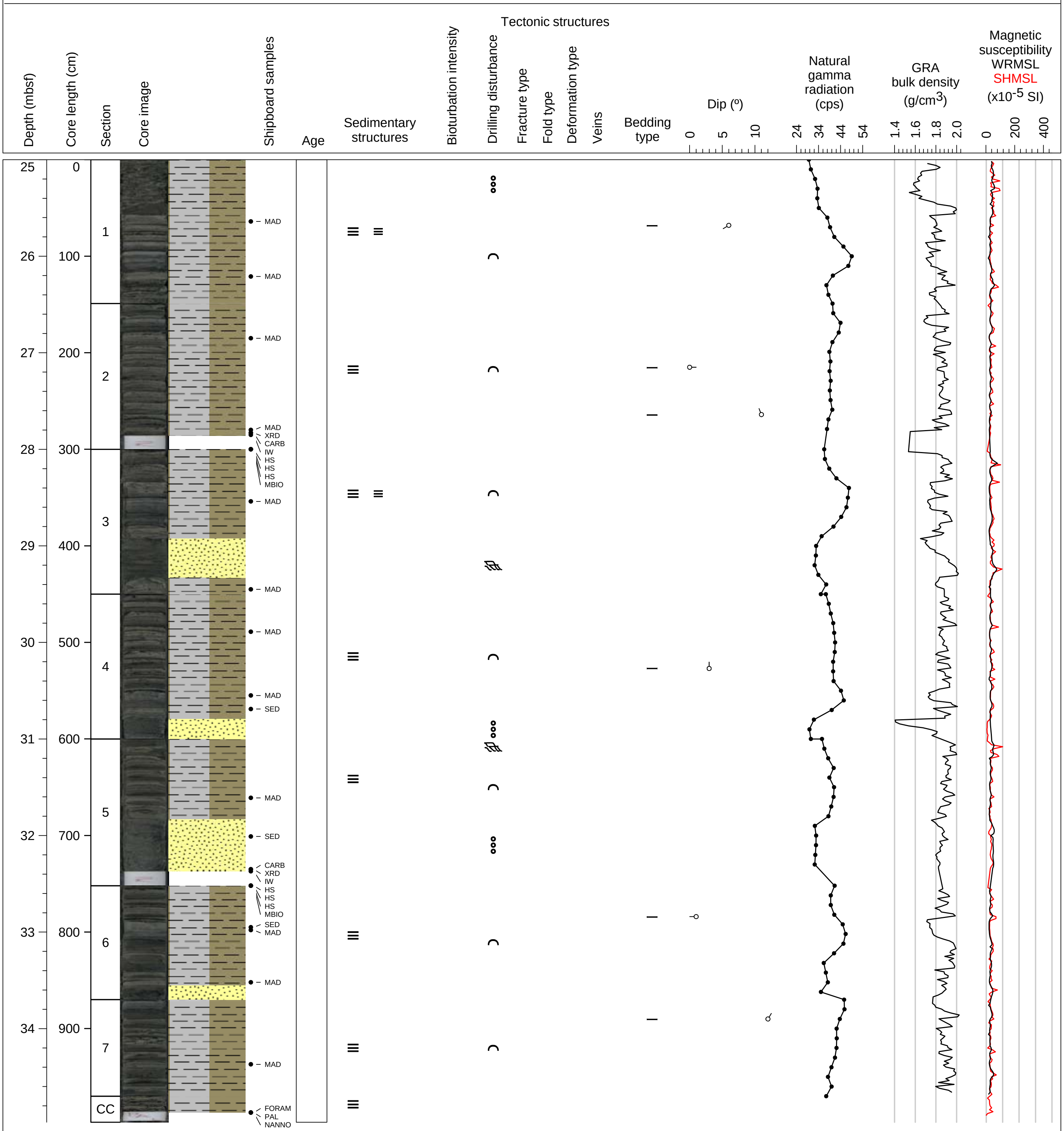
Hole 375-U1520D Core 3H, Interval 15.5-25.37 m (CSF-A)

Alternating dark gray silt to sand and greenish gray mud layers. Some mud layers had a black color which faded an hour after the core was split.



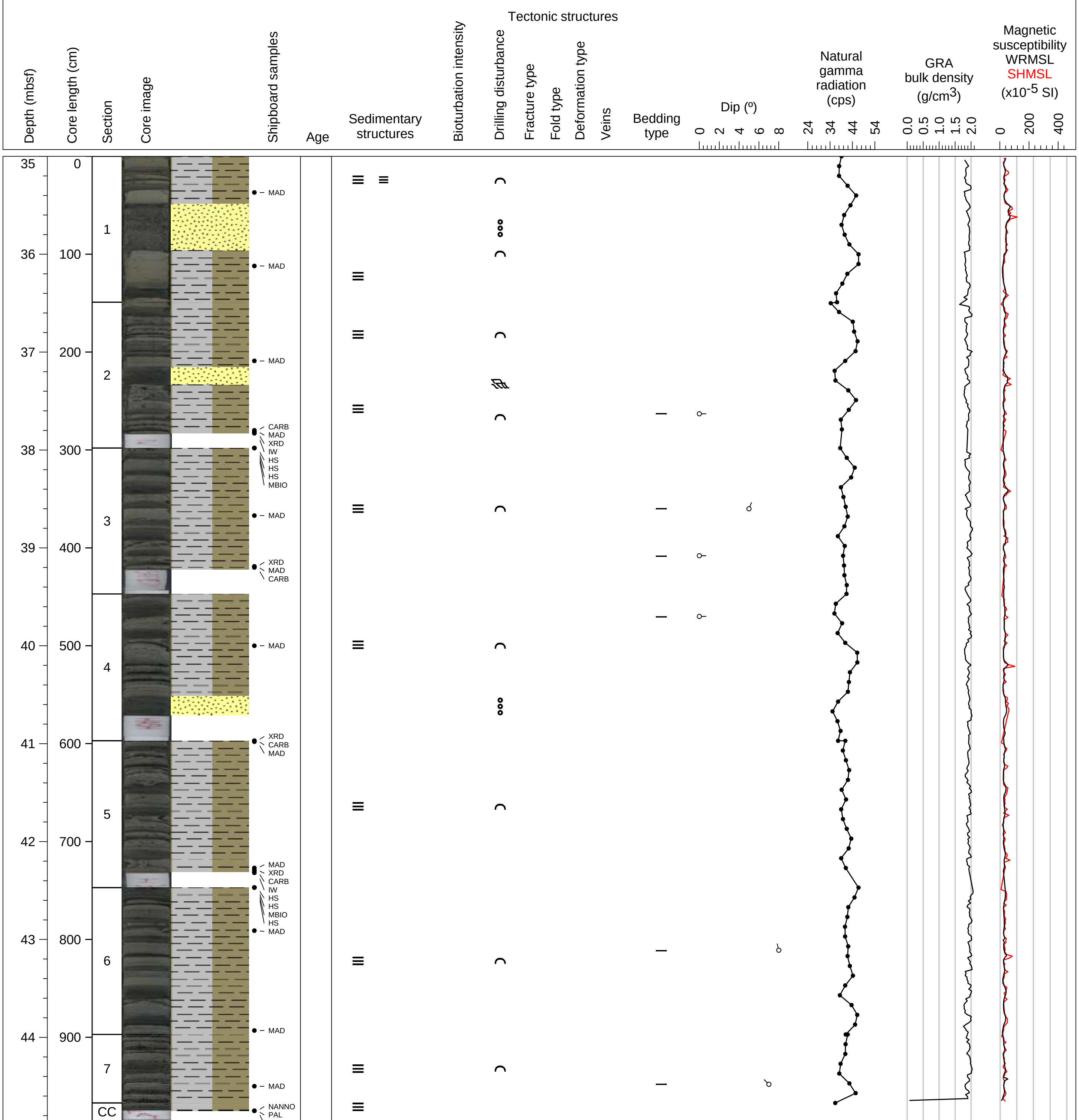
Hole 375-U1520D Core 4H, Interval 25.0-34.97 m (CSF-A)

Alternating dark gray fine sand and greenish gray mud layers with one ash layer in section 4.



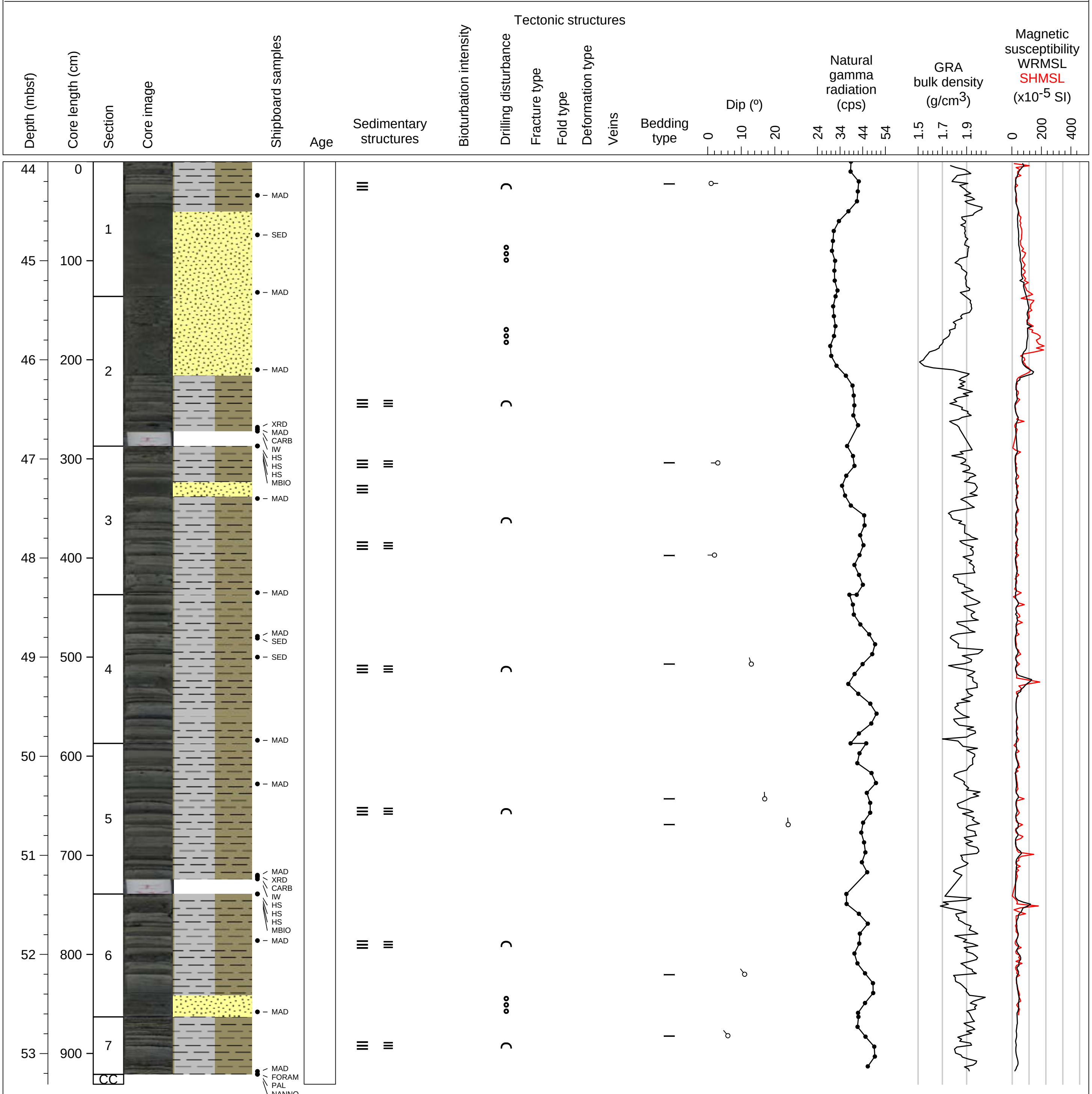
Hole 375-U1520D Core 5H, Interval 34.5-44.35 m (CSF-A)

Alternating dark gray silt to sand and greenish gray mud layers. Some mud layers had a black color which faded an hour after the core was split.



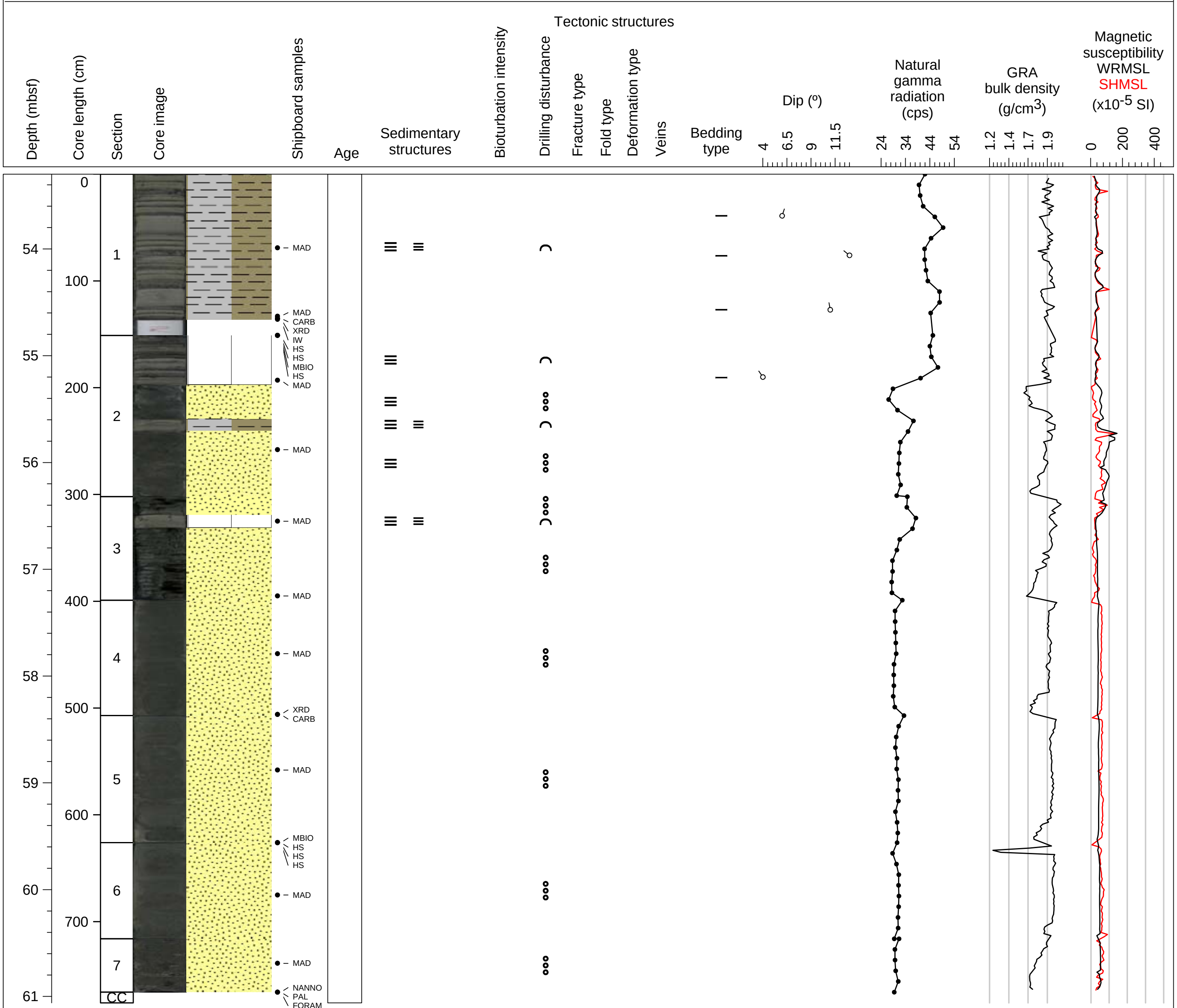
Hole 375-U1520D Core 6H, Interval 44.0-53.31 m (CSF-A)

Alternating dark gray silt to sand and greenish gray mud layers. A thick bed of shell fragment-rich medium sand occurs in sections 1 and 2.



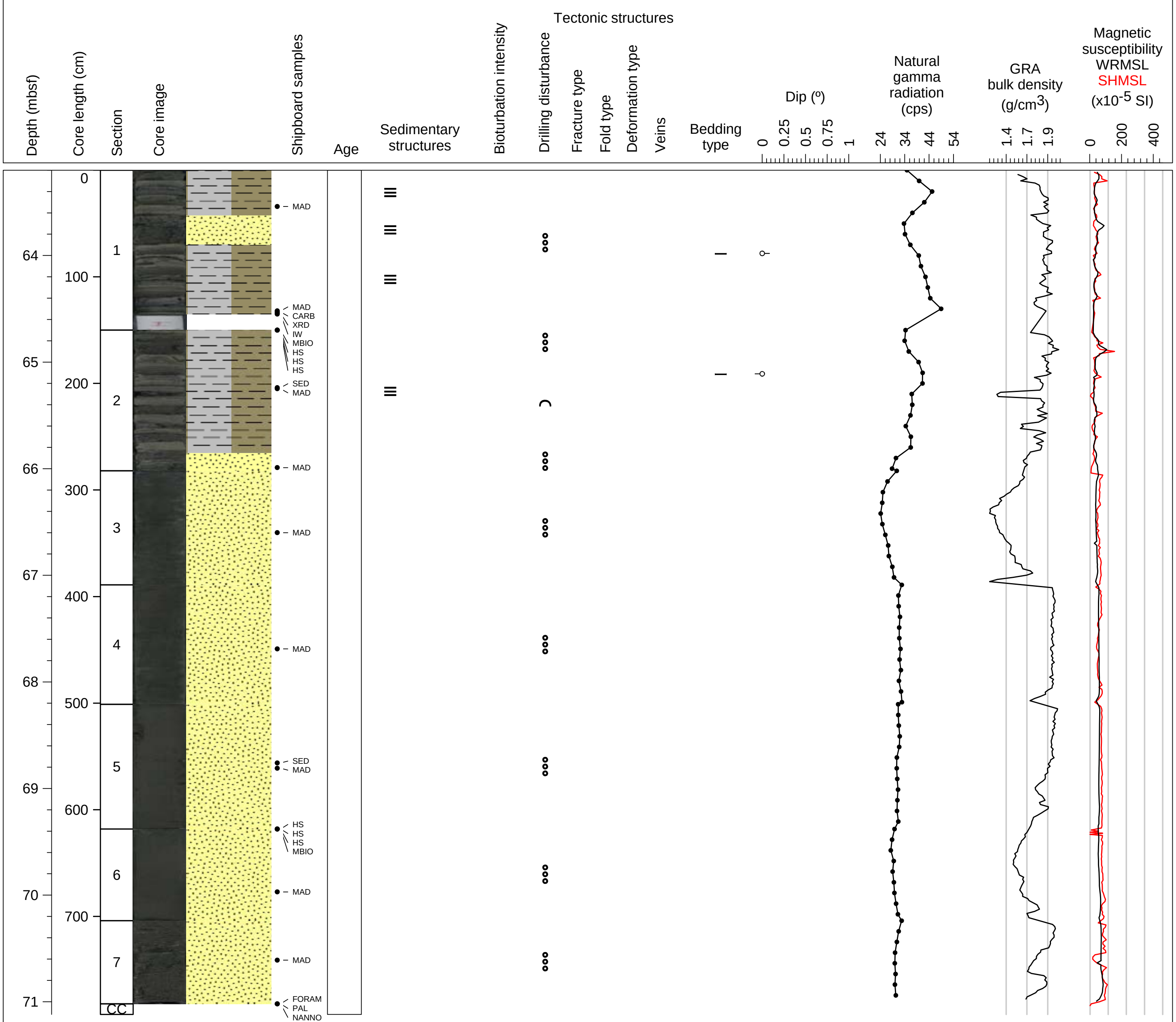
Hole 375-U1520D Core 7H, Interval 53.5-61.26 m (CSF-A)

Alternating dark gray silt to sand and greenish gray mud layers. A thick bed of shell fragment-rich medium sand occurs from section 3 to bottom of core.



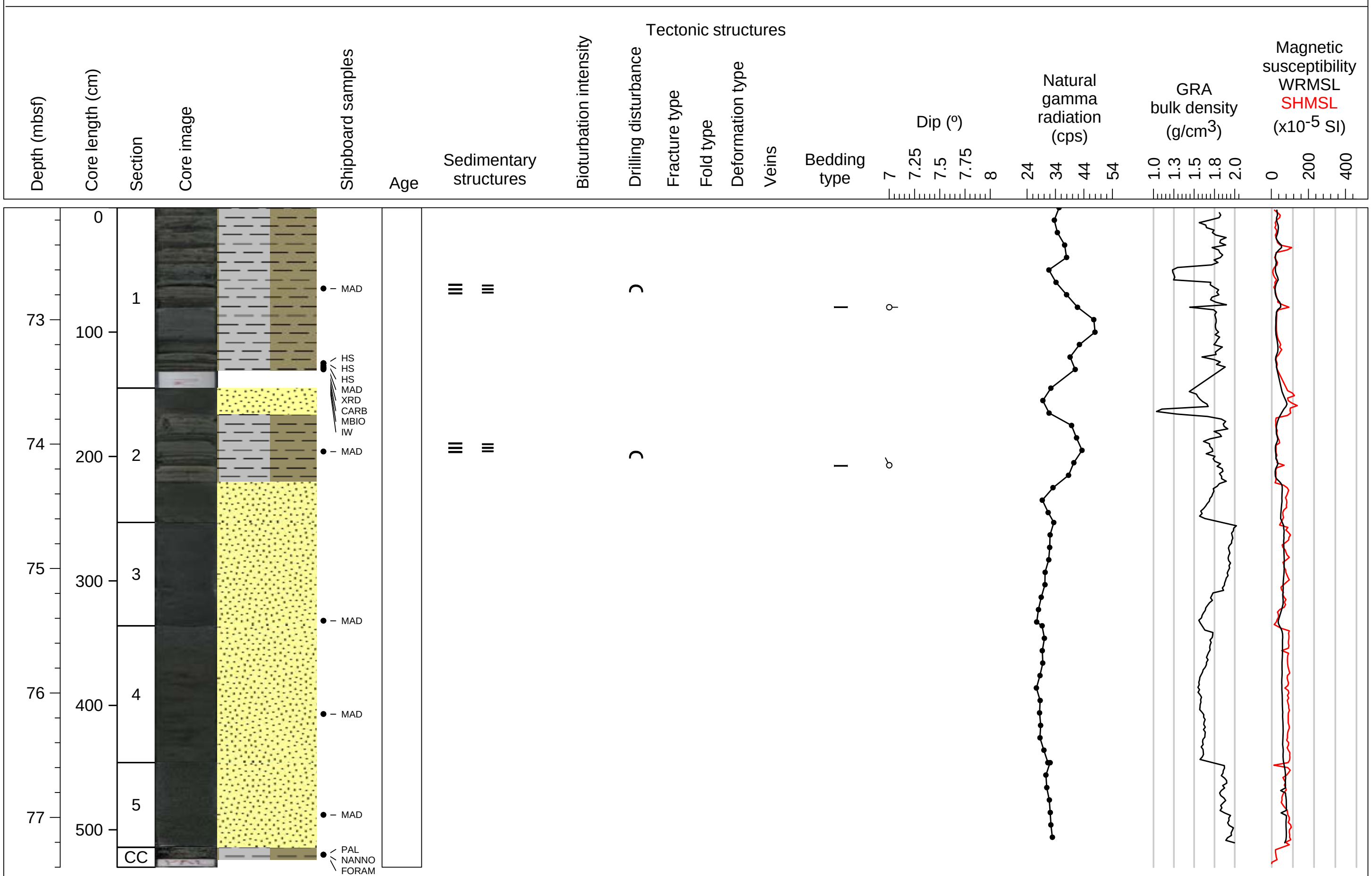
Hole 375-U1520D Core 8H, Interval 63.0-70.92 m (CSF-A)

Alternating dark gray silt to sand and greenish gray mud layers. A thick bed of fine to medium sand occurs from section 2 down to bottom of core.



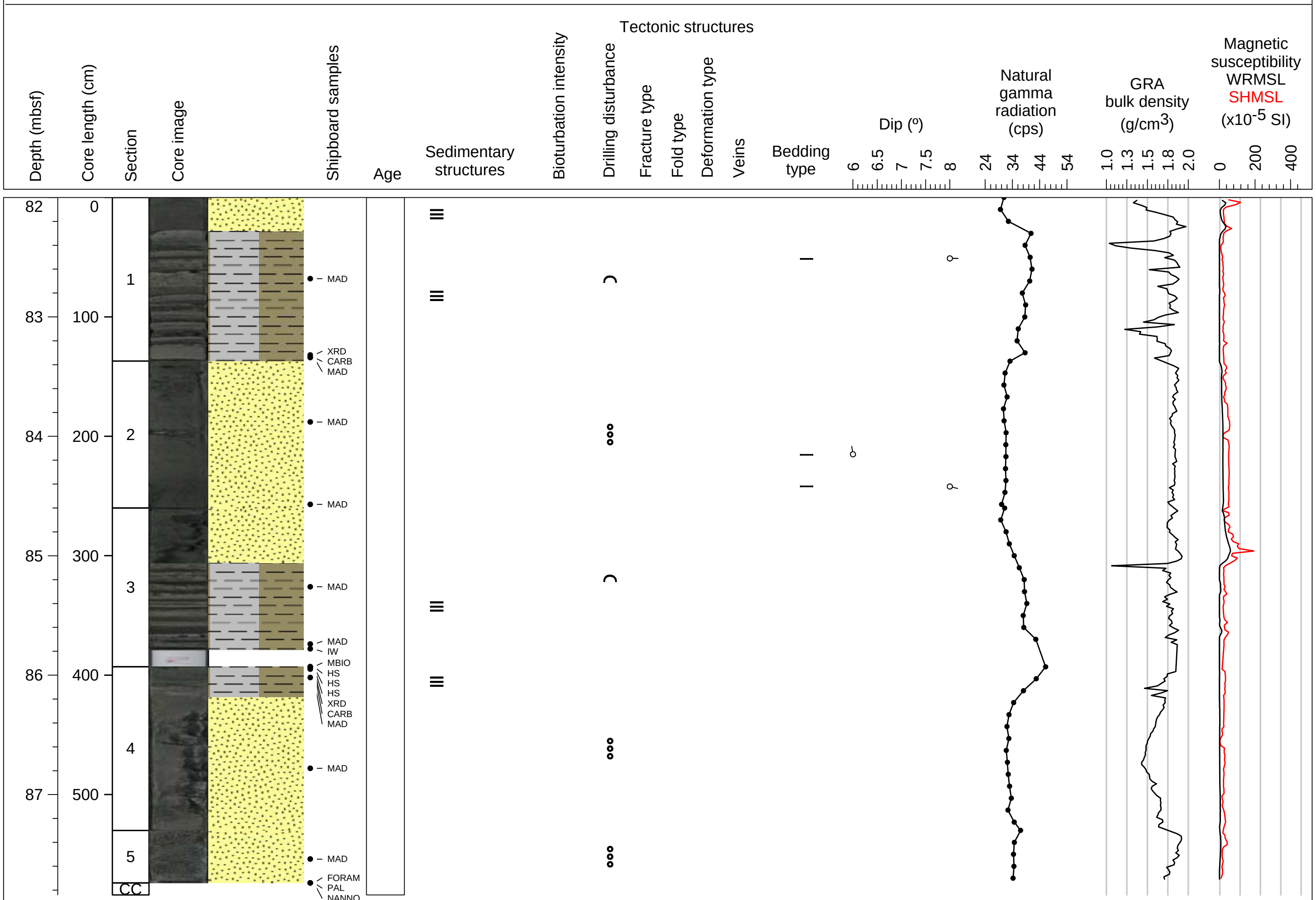
Hole 375-U1520D Core 9H, Interval 72.5-77.8 m (CSF-A)

Alternating dark gray silt to sand and greenish gray mud layers. A thick bed of fine to medium sand occurs from section 2 down to bottom of core.



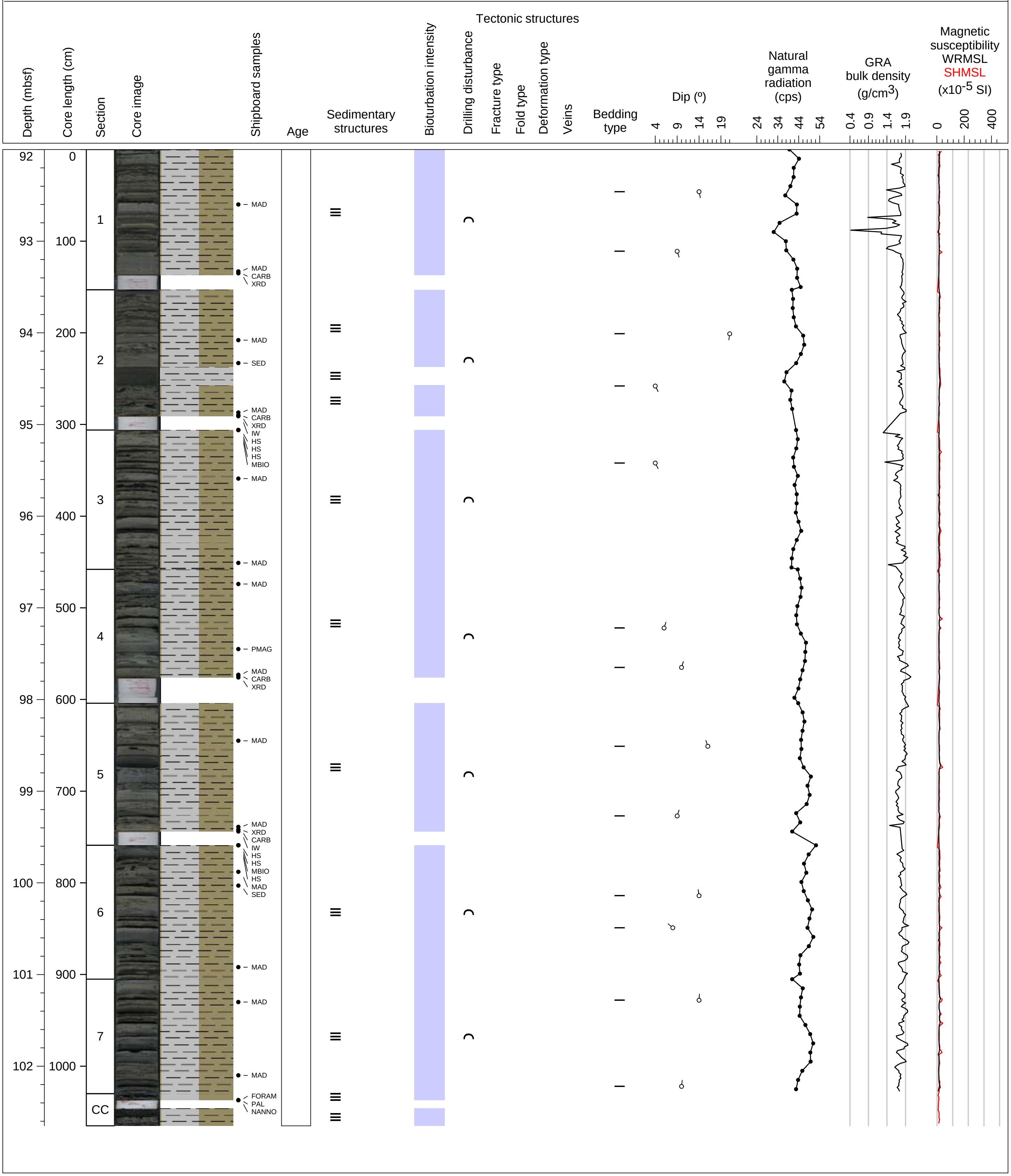
Hole 375-U1520D Core 10H, Interval 82.0-87.84 m (CSF-A)

Alternating dark gray silt to sand and greenish gray mud layers. A thick bed of fine to medium sand occurs from section 2 to section 3.



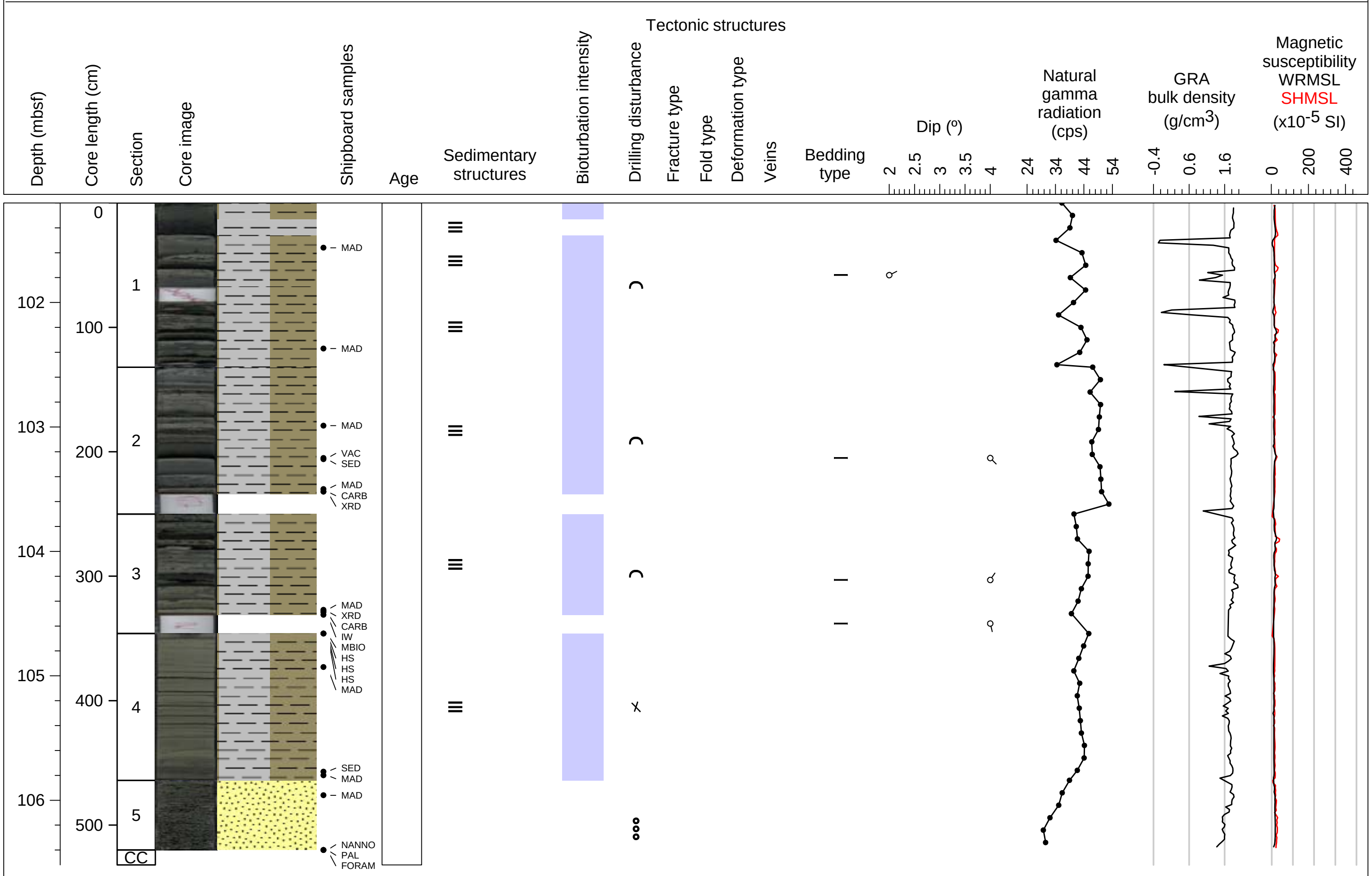
Hole 375-U1520D Core 11H, Interval 91.5-102.15 m (CSF-A)

Alternating dark gray silt and greenish gray mud layers. Some mud layers had a black color which faded to greenish gray within half an hour after the core was split.



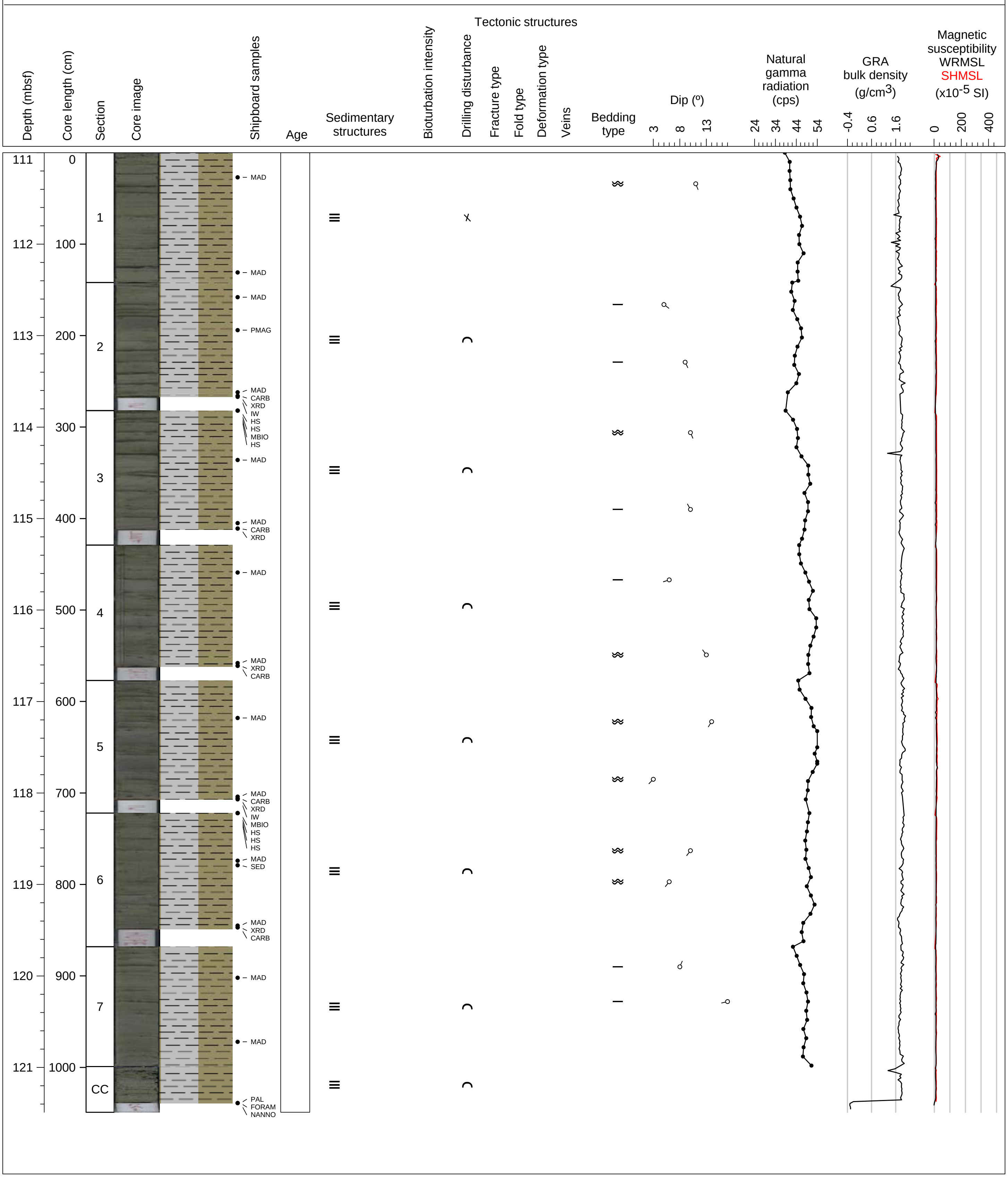
Hole 375-U1520D Core 12H, Interval 101.0-106.32 m (CSF-A)

Alternating dark gray silt to fine sand and greenish gray mud layers. Some mud layers had a black color which faded to greenish gray within half an hour after the core was split.



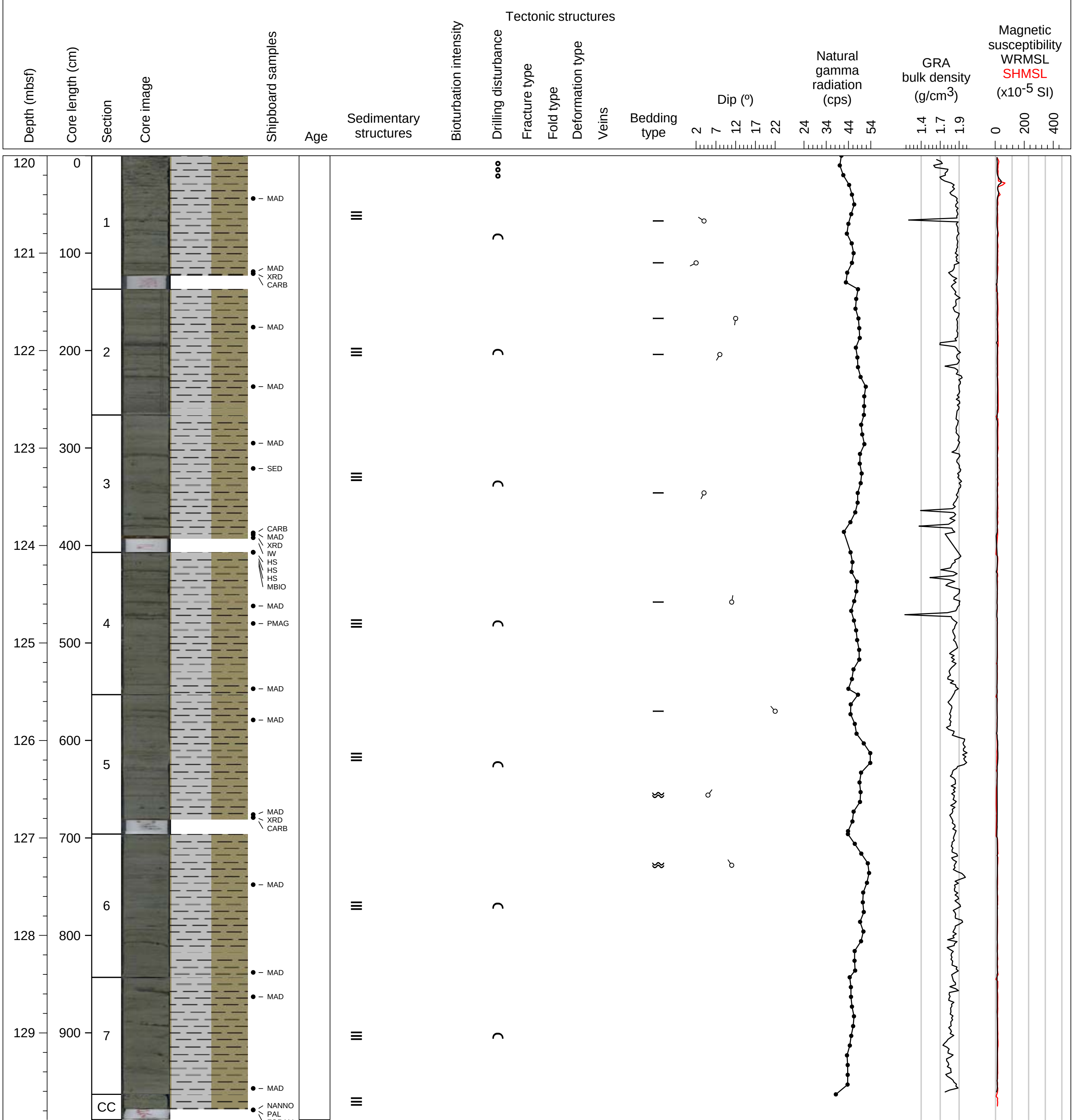
Hole 375-U1520D Core 13H, Interval 110.5-120.99 m (CSF-A)

Alternating dark gray silt and greenish gray mud layers.



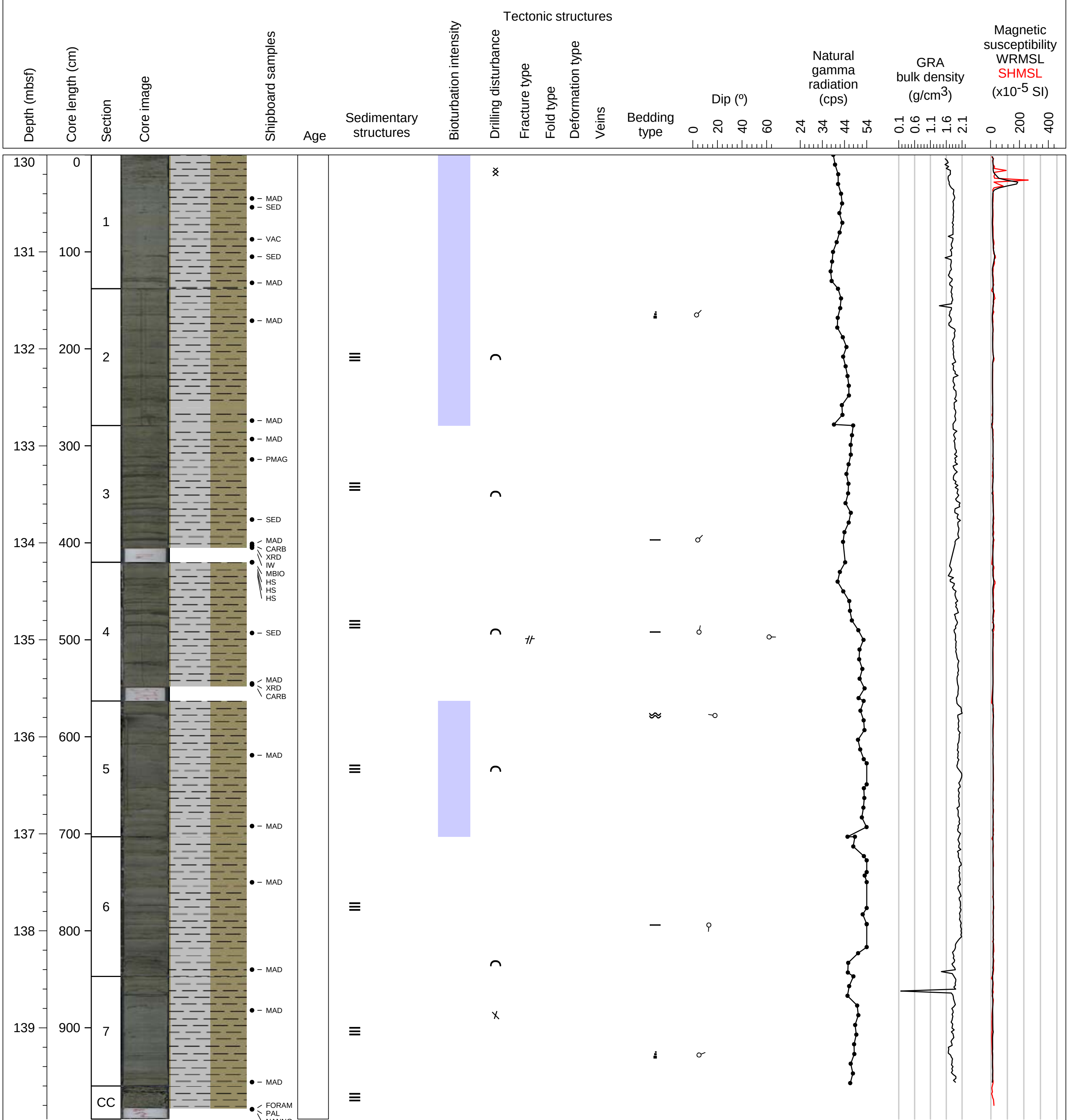
Hole 375-U1520D Core 14H, Interval 120.0-129.89 m (CSF-A)

Alternating silt and greenish gray mud layers.



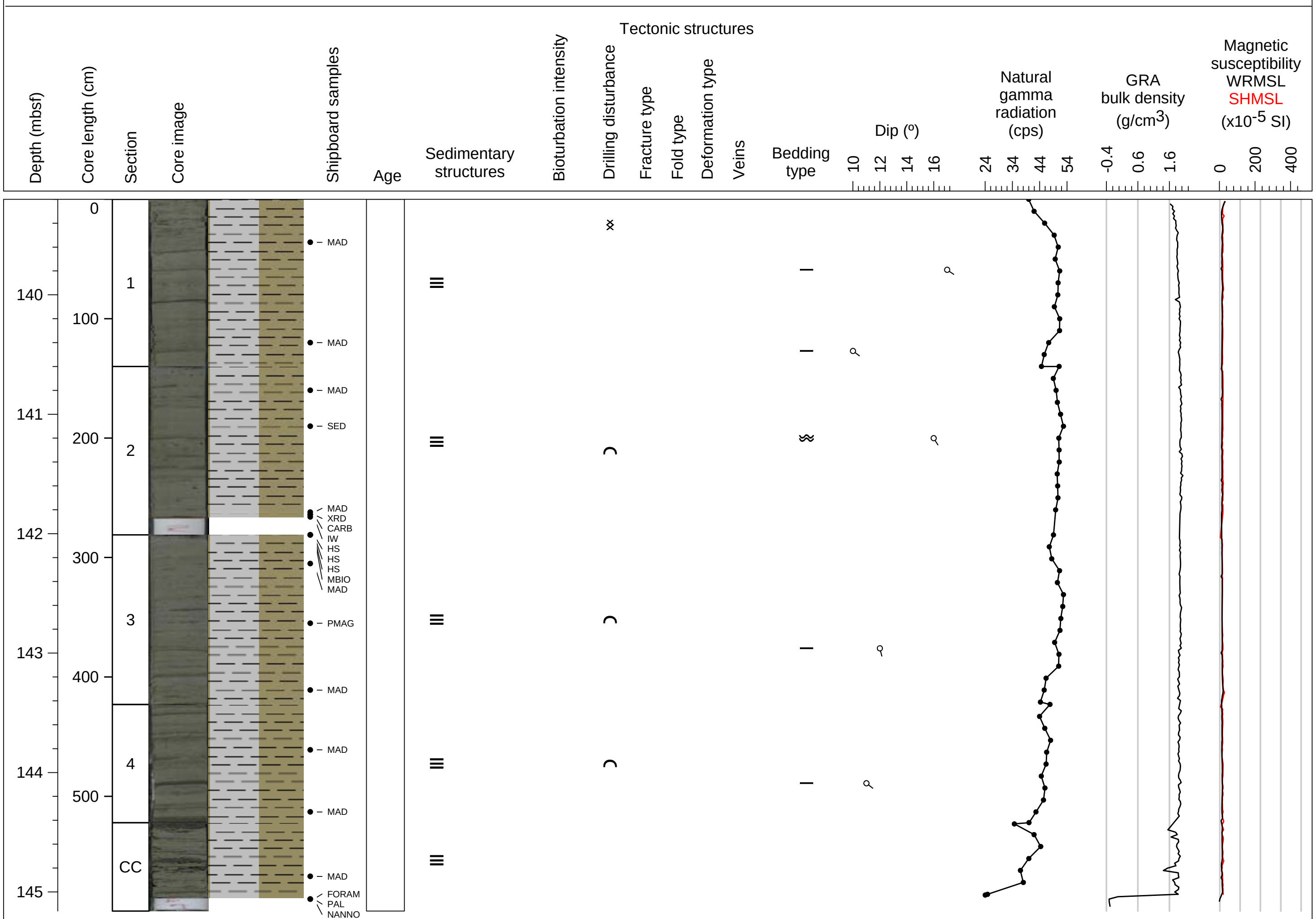
Hole 375-U1520D Core 15H, Interval 129.5-139.44 m (CSF-A)

Alternating silt and greenish gray mud layers. Core contains five ash layers and several ash pods in section 1, 2, 4, and 7.



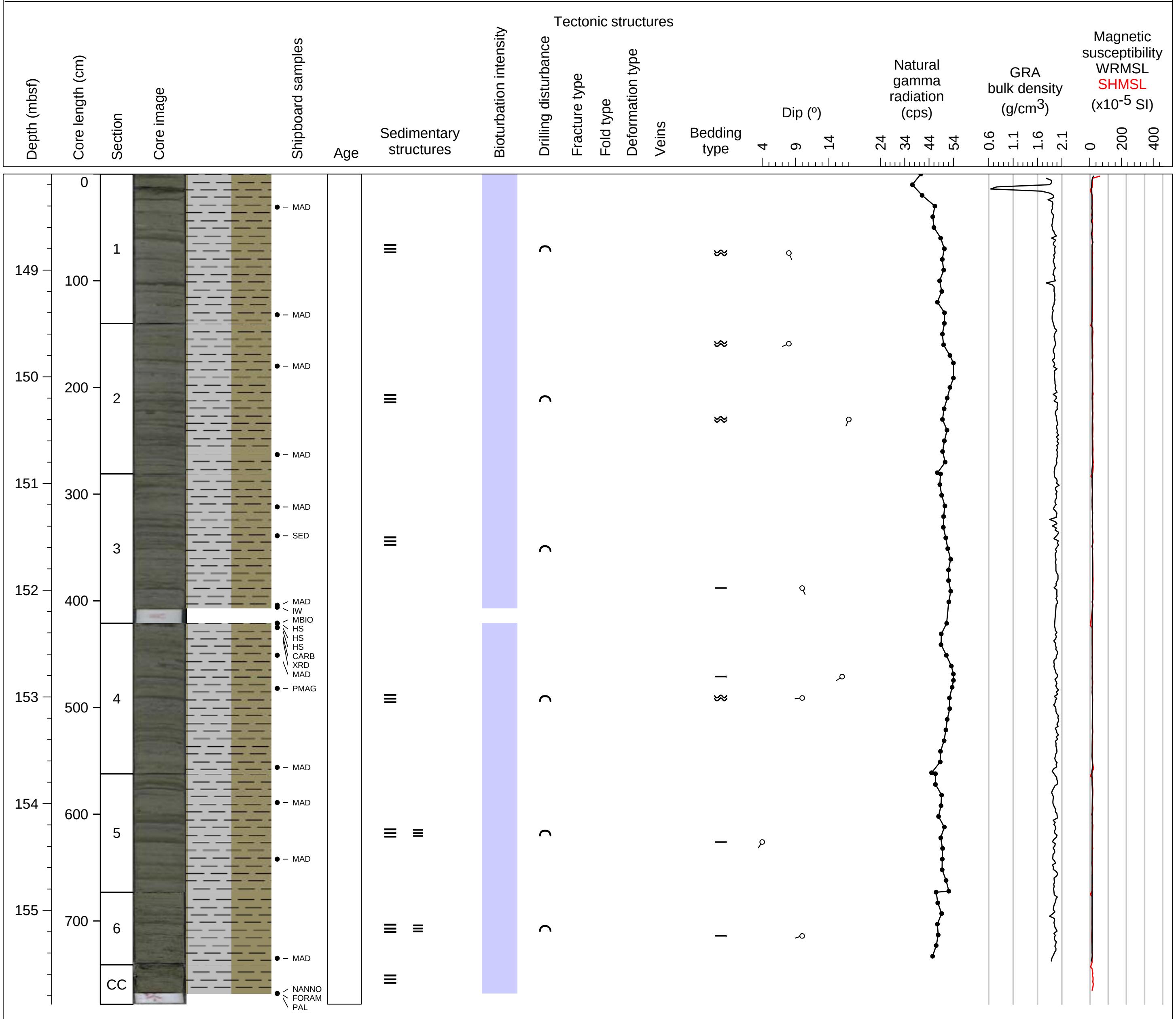
Hole 375-U1520D Core 16H, Interval 139.0-144.96 m (CSF-A)

Alternating silt and greenish gray mud layers.



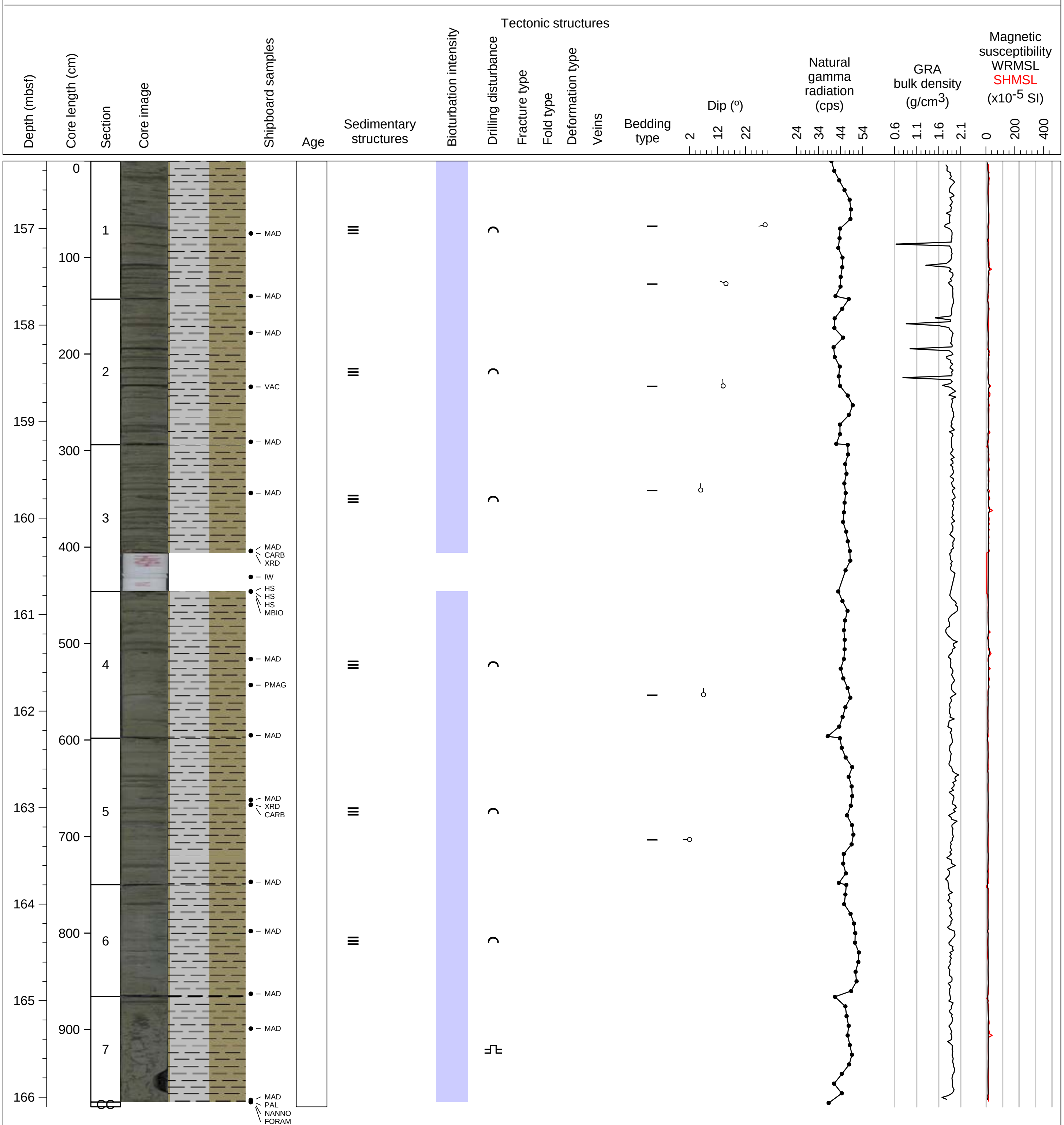
Hole 375-U1520D Core 17H, Interval 148.5-156.28 m (CSF-A)

Alternating silt and greenish gray mud layers. Core contains four ash layers in sections 2, 3, and 4.



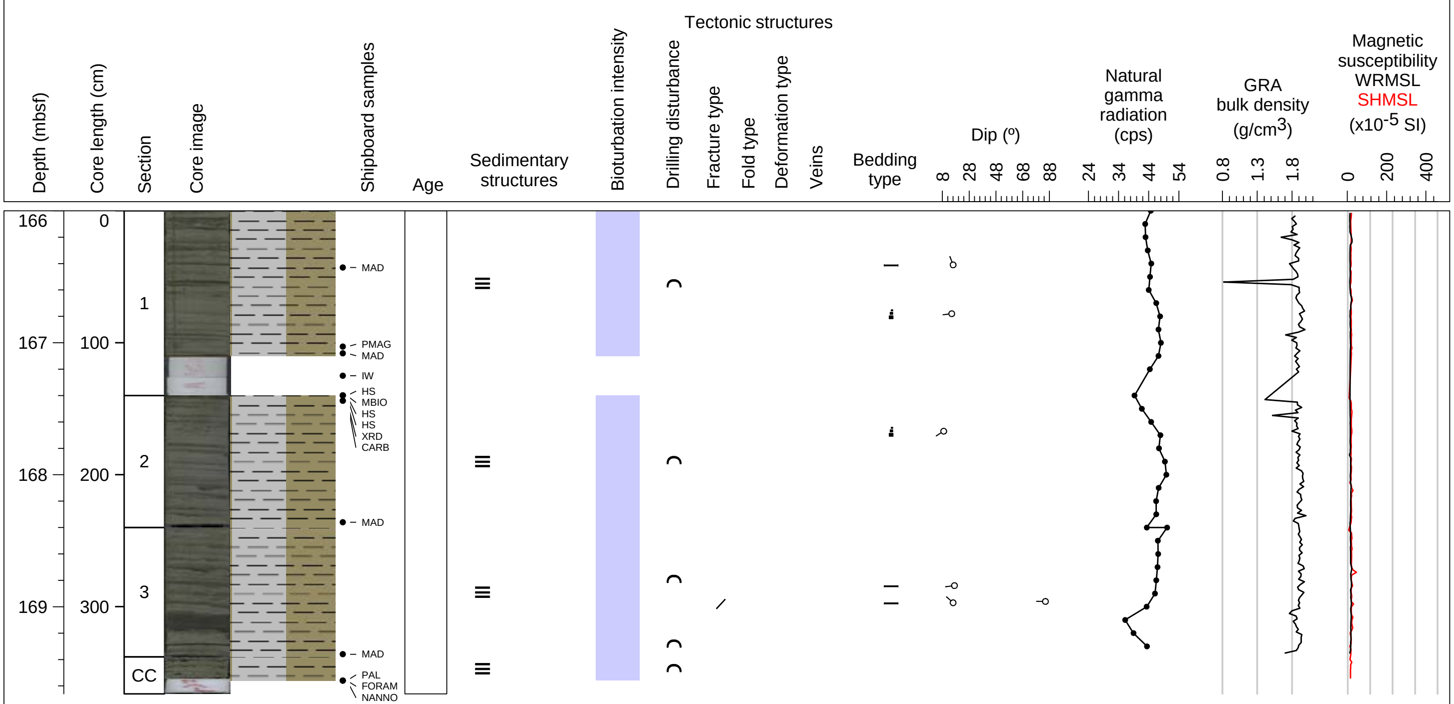
Hole 375-U1520D Core 18H, Interval 156.3-166.1 m (CSF-A)

Alternating silt and greenish gray mud layers. Core contains nine ash layers in sections 2, 3, 4, 5, and 6.



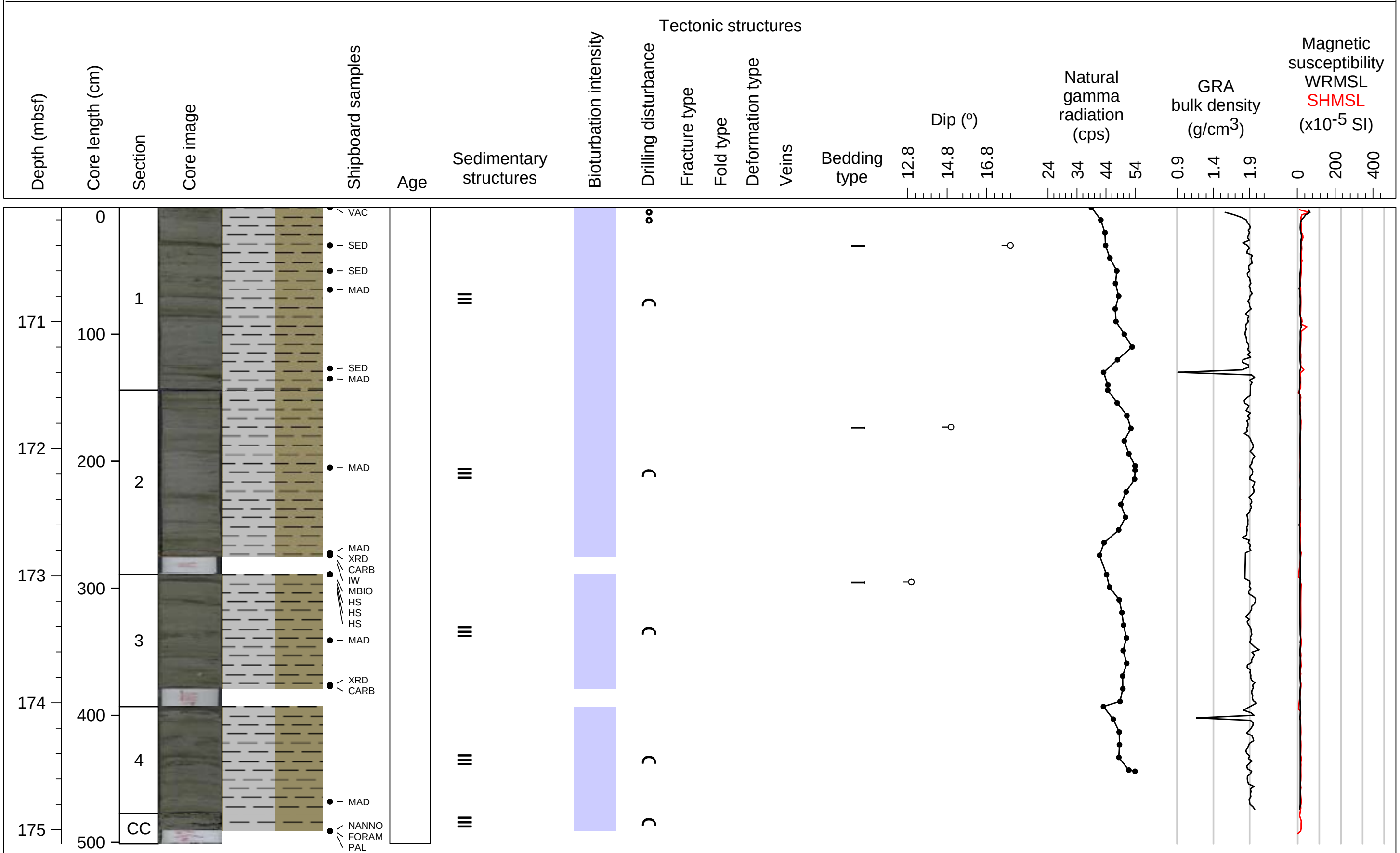
Hole 375-U1520D Core 19F, Interval 165.8-169.46 m (CSF-A)

Alternating silt and greenish gray mud layers.



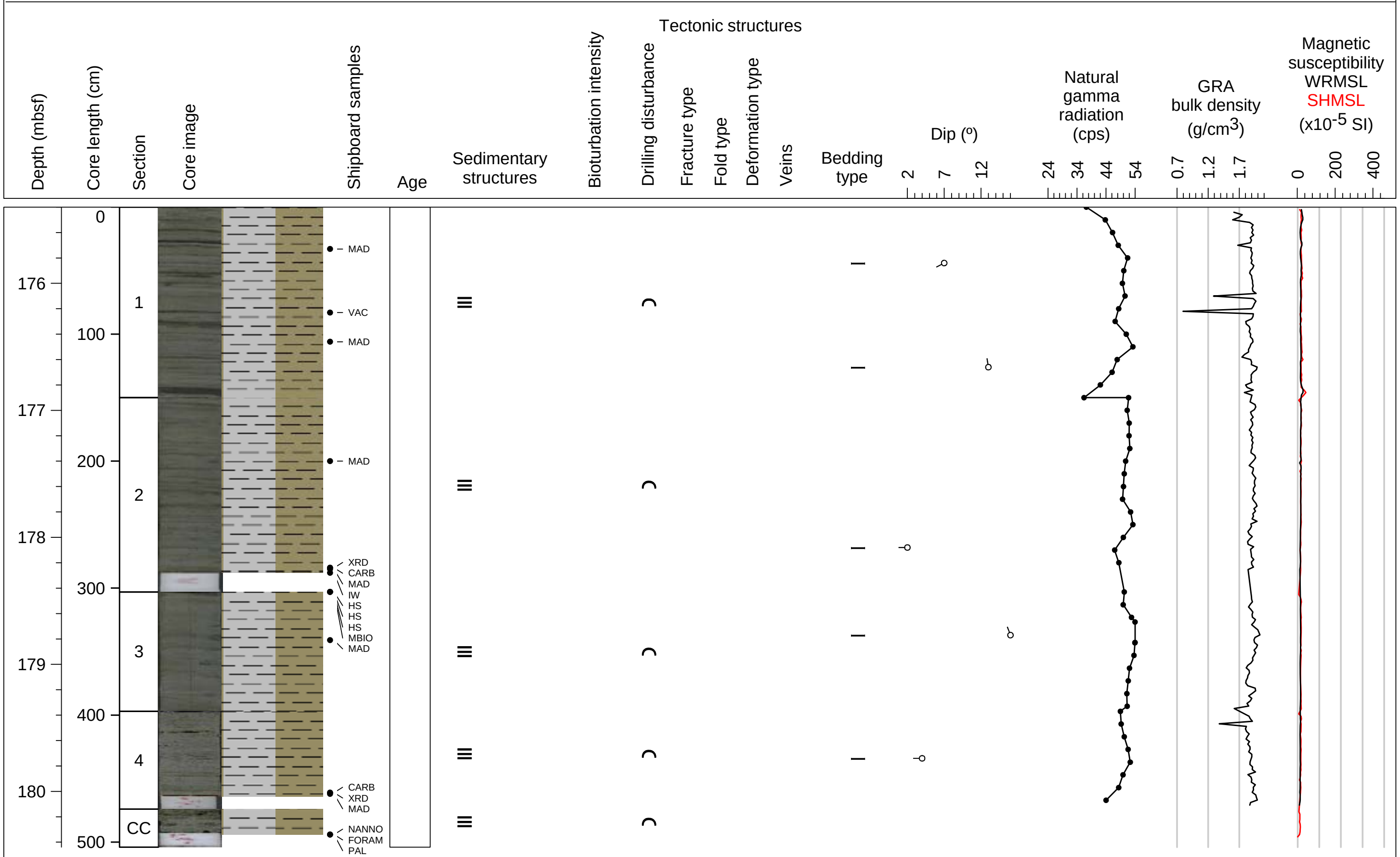
Hole 375-U1520D Core 20F, Interval 170.5-175.51 m (CSF-A)

Alternating silt and greenish gray mud layers. An ash layer is found in section 1.



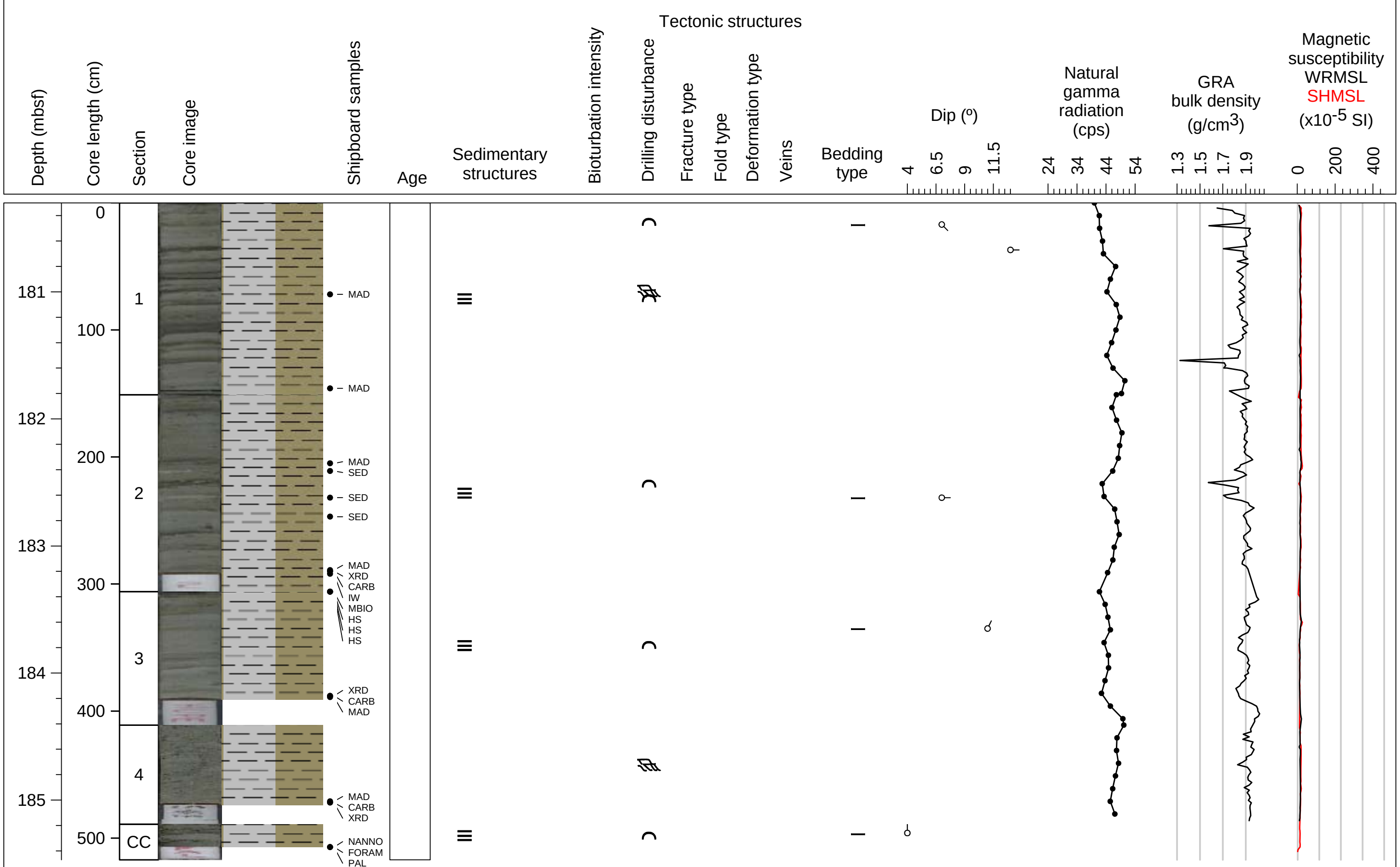
Hole 375-U1520D Core 21F, Interval 175.2-180.24 m (CSF-A)

Alternating silt and greenish gray mud layers. Core contains three ash layers in section 4.



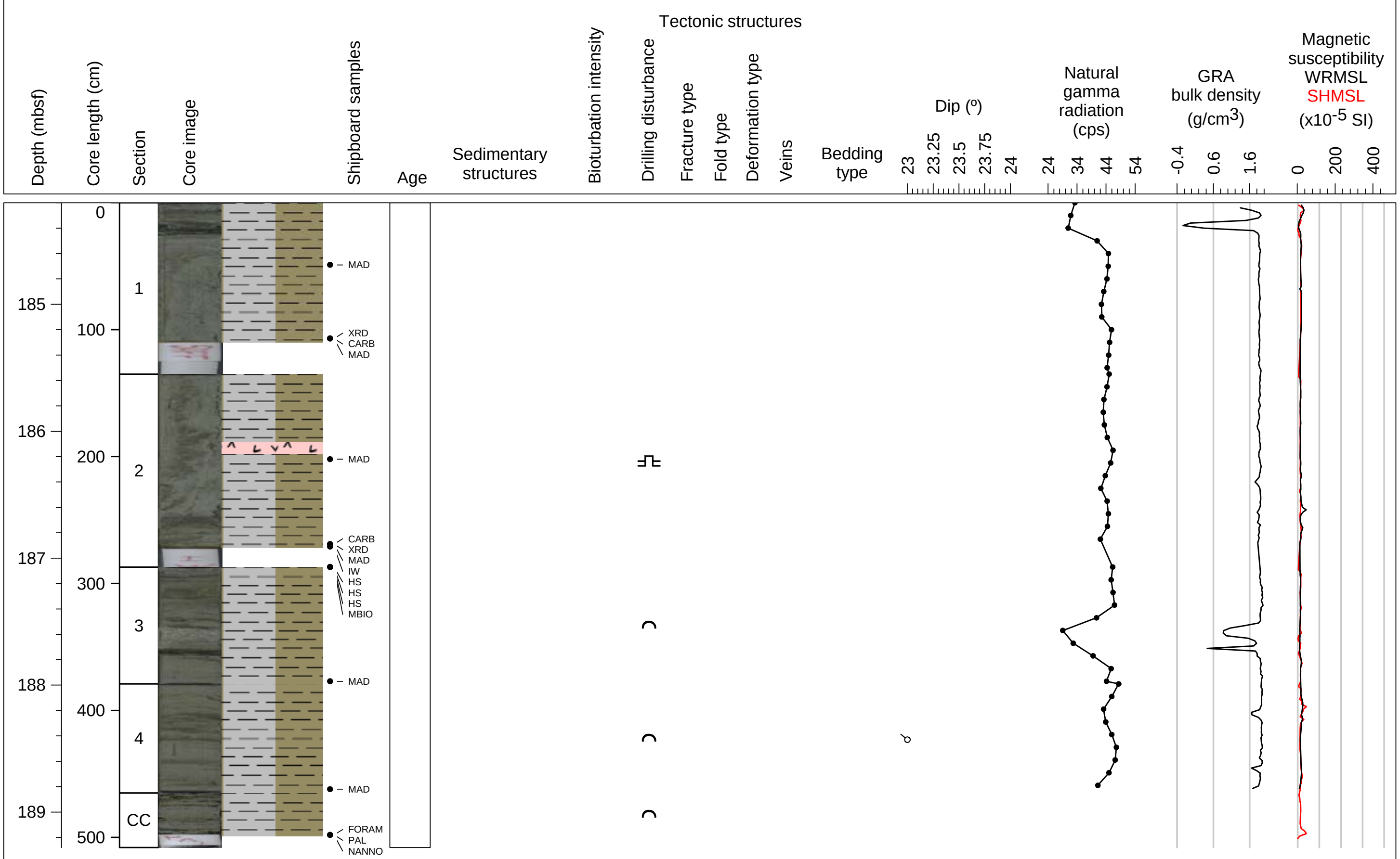
Hole 375-U1520D Core 22F, Interval 179.9-185.07 m (CSF-A)

Alternating silt and greenish gray mud layers. Core contains ten ash/ash pod layers (sections 1, 2, 3, and 4).



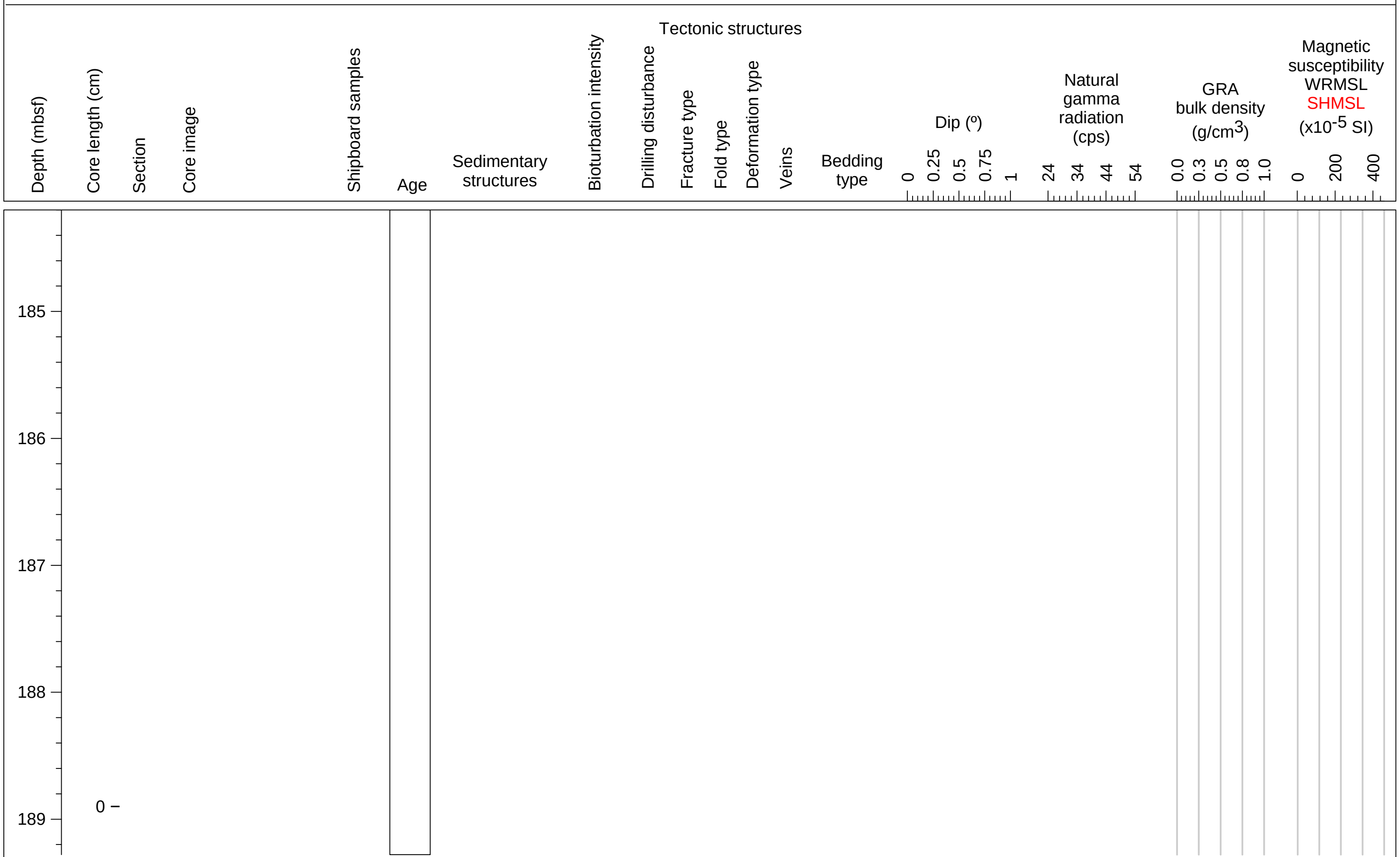
Hole 375-U1520D Core 23F, Interval 184.6-189.68 m (CSF-A)

Alternating silt and greenish gray mud layers. Core contains five partly disseminated ash layers in sections 2, 3 and CC. Some drilling disturbance.



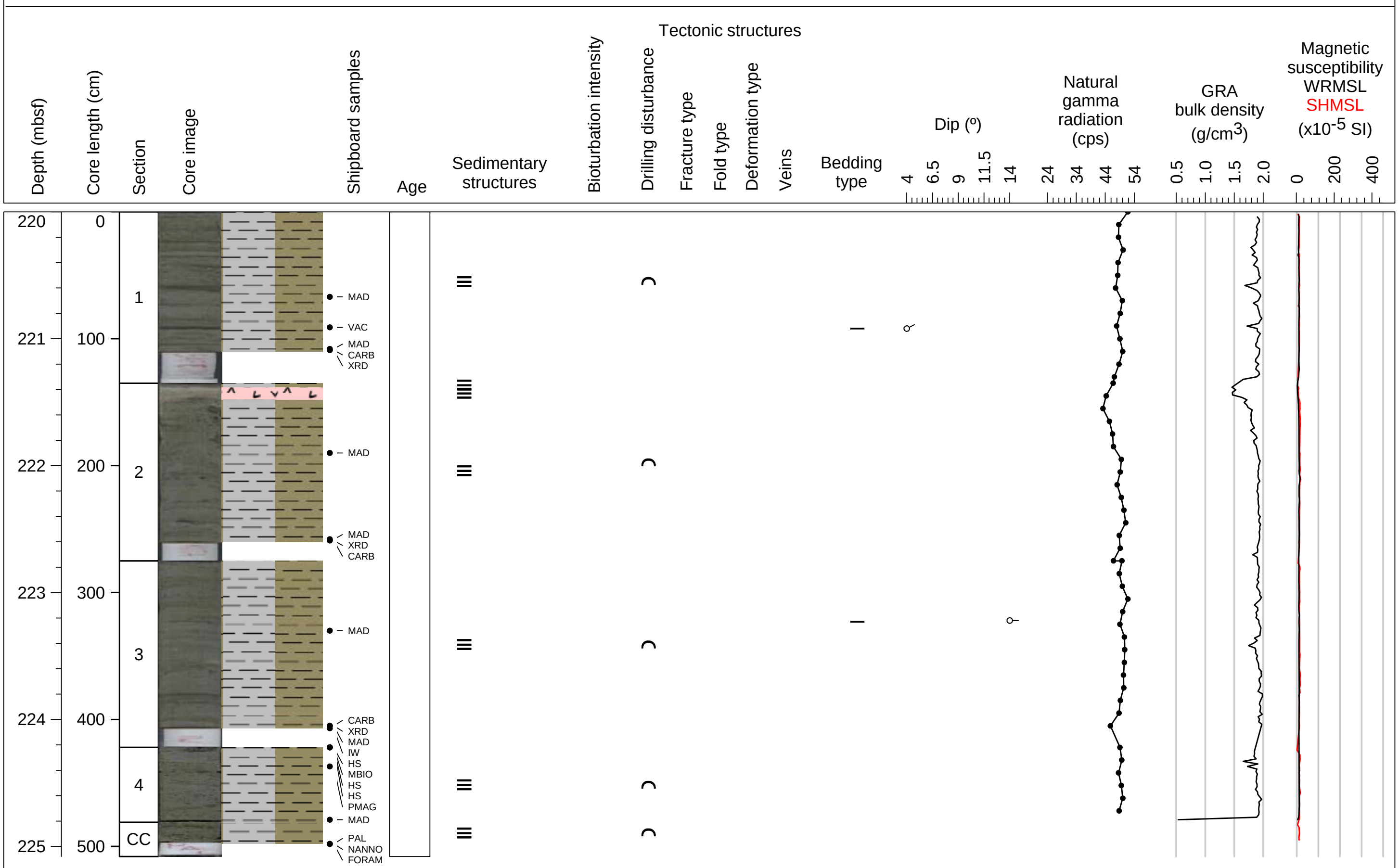
Hole 375-U1520D Core 241, Interval 189.3-189.3 m (CSF-A)

DRILLED INTERVAL



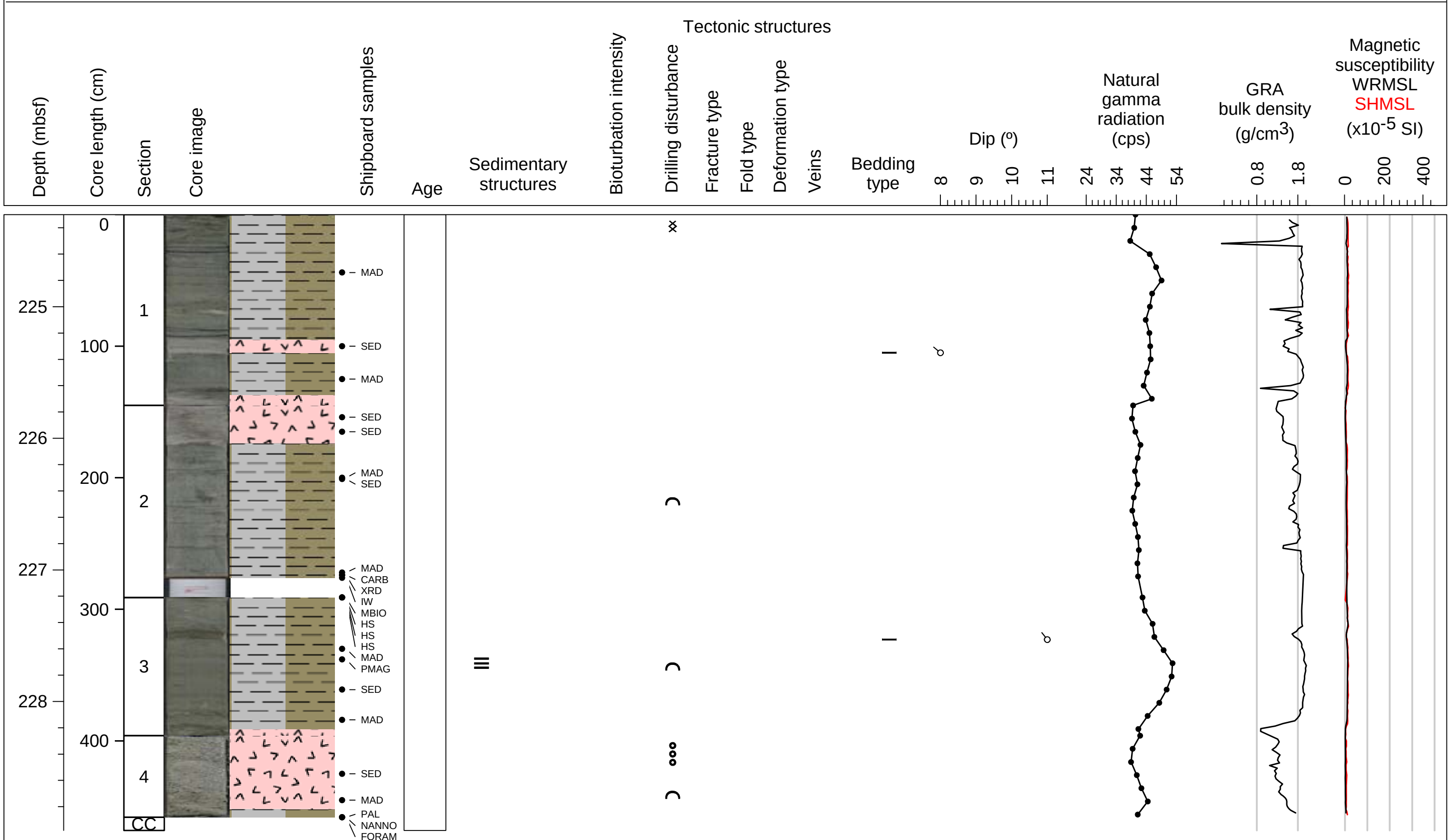
Hole 375-U1520D Core 25F, Interval 220.0-225.08 m (CSF-A)

Alternating silt and greenish gray mud layers. Core contains four ash/ash pod layers (sections 2, 3, and 4). Some drilling disturbance.



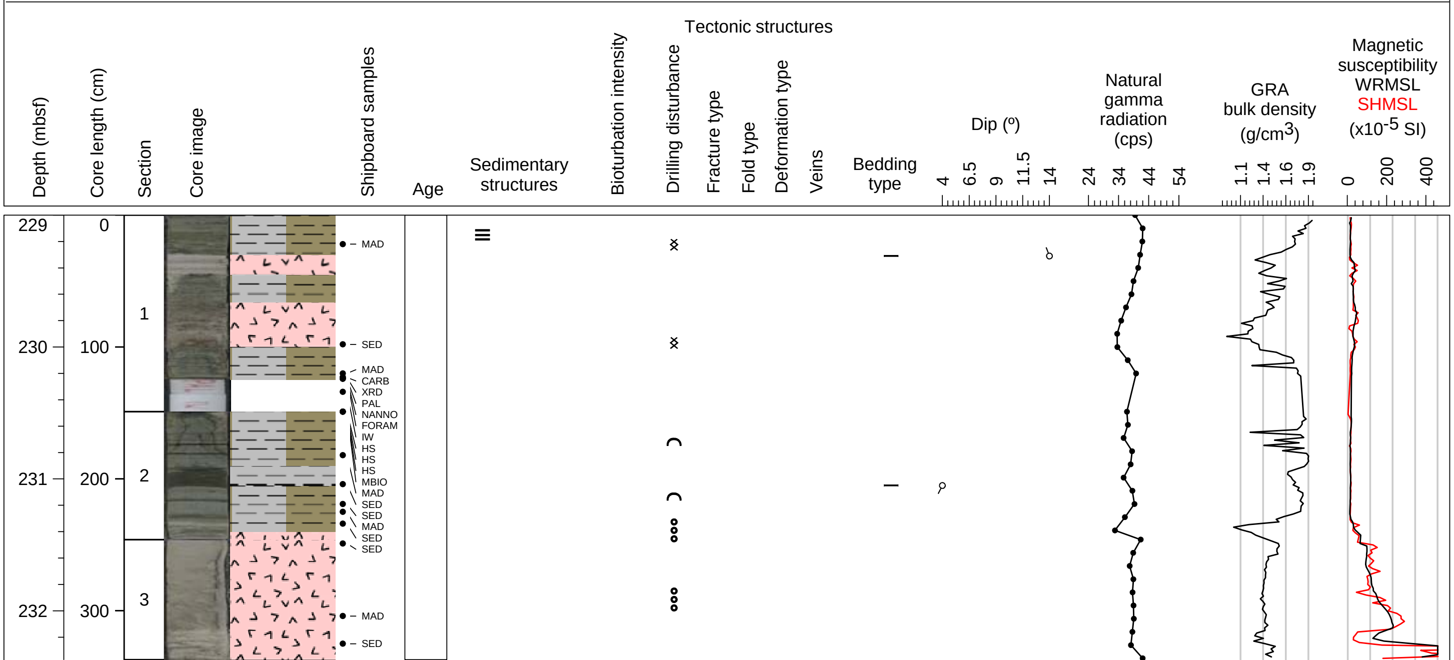
Hole 375-U1520D Core 26F, Interval 224.7-229.38 m (CSF-A)

Alternating silt and greenish gray mud layers. Core contains eight partly medium to thick ash/ash pod layers (sections 1, 2, 3 and 4). Some drilling disturbance.



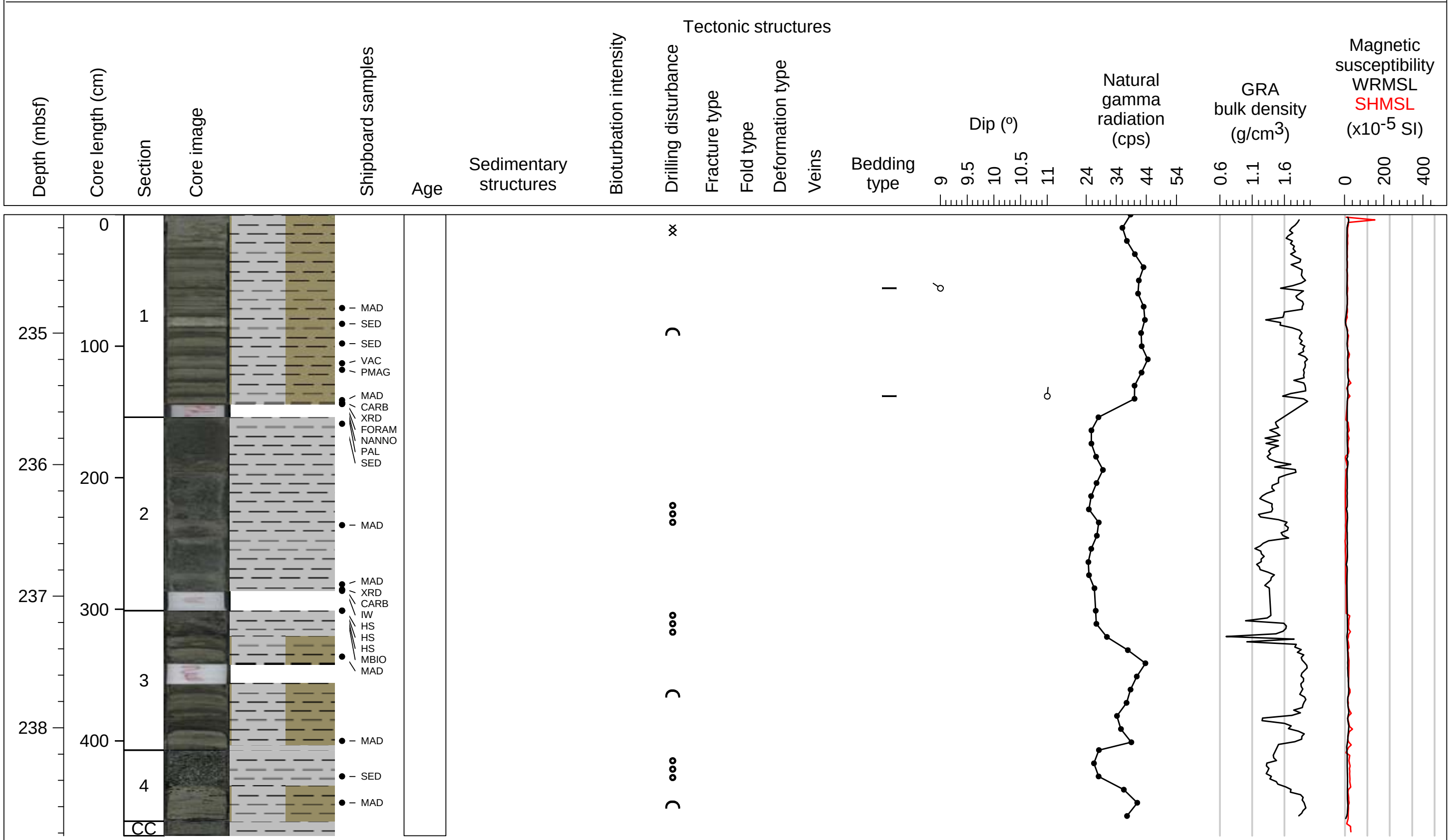
Hole 375-U1520D Core 27F, Interval 229.4-232.77 m (CSF-A)

Alternating silt and greenish gray mud layers. Core contains six fine to medium to very thick ash layers (sections 1, 2 and 3). Some drilling disturbance.



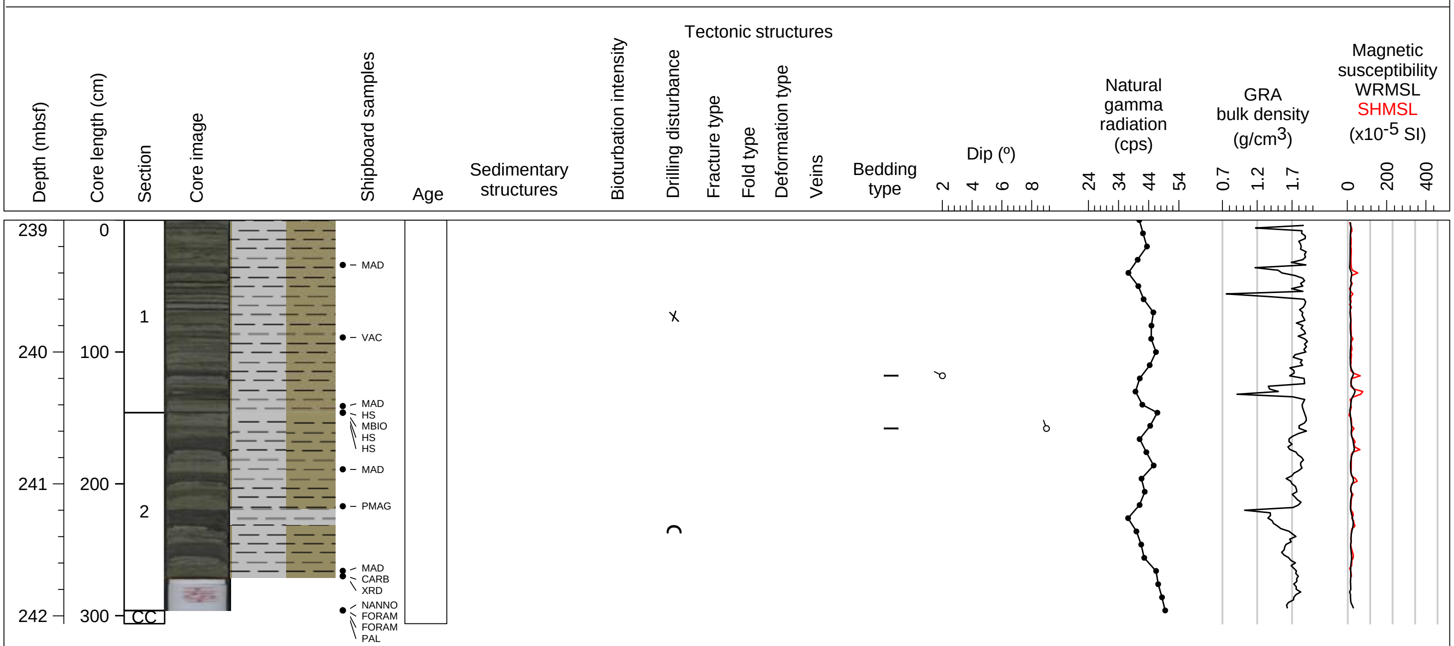
Hole 375-U1520D Core 28F, Interval 234.1-238.82 m (CSF-A)

Alternating silt and greenish gray mud layers with ash. Core contains four ash/ash pod layers in section 1. Severe drilling disturbance.



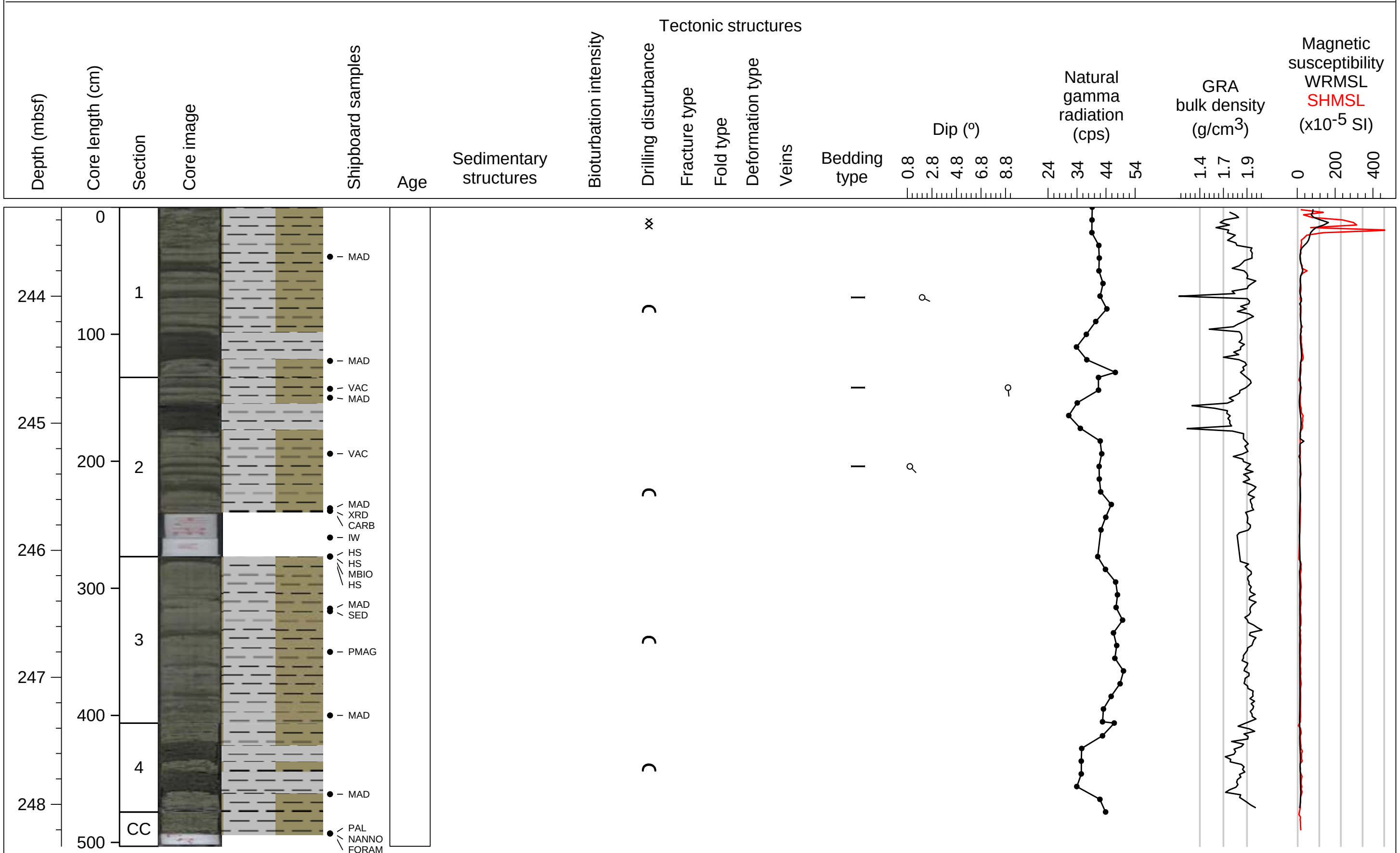
Hole 375-U1520D Core 29F, Interval 238.8-241.86 m (CSF-A)

Alternating silt to sand and greenish gray mud layers.



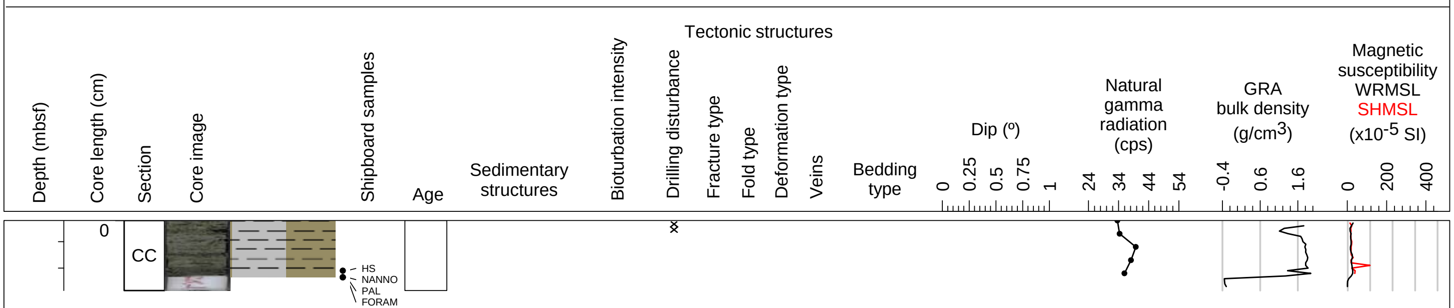
Hole 375-U1520D Core 30F, Interval 243.5-248.53 m (CSF-A)

Alternating silt and greenish gray mud layers.



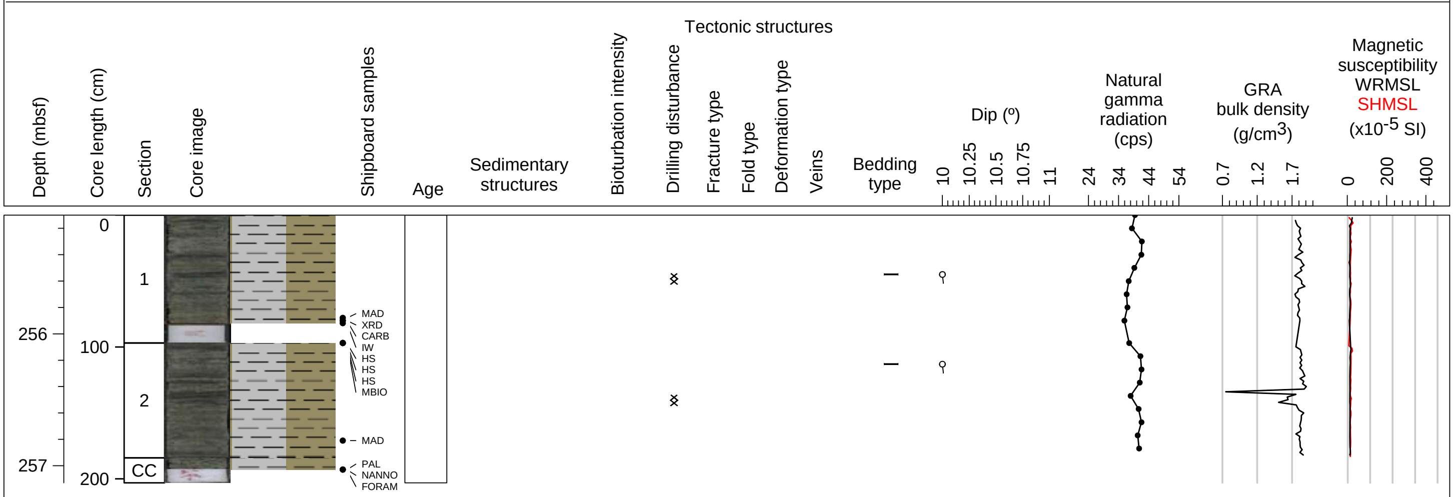
Hole 375-U1520D Core 31X, Interval 248.2-248.73 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers.



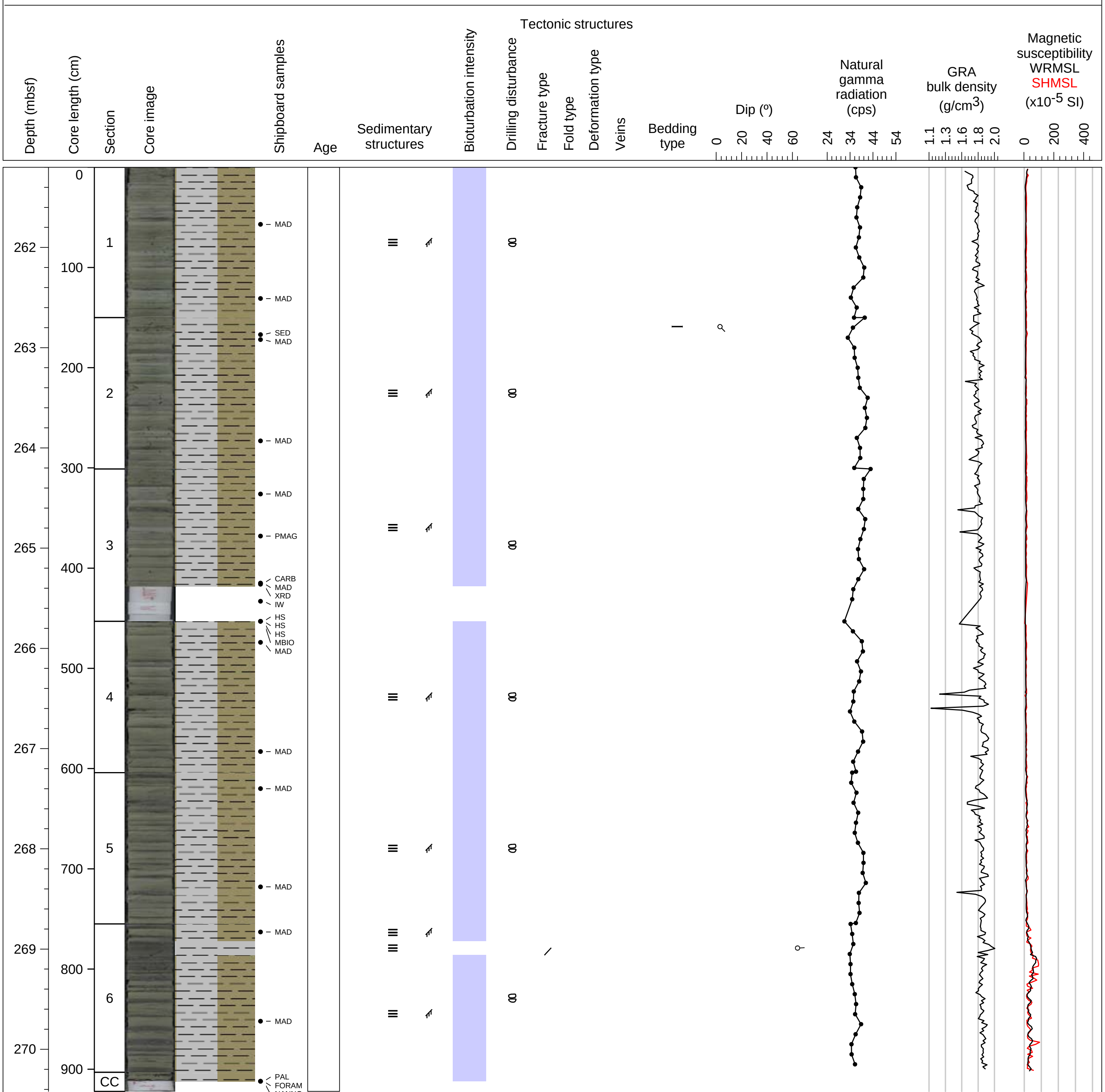
Hole 375-U1520D Core 32X, Interval 255.2-257.23 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers.



Hole 375-U1520D Core 33X, Interval 261.2-270.42 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers. Core contains one ash layer in section 2 and two in section 3. Siltstone exhibits parallel and cross lamination. Slight bioturbation. Some sedimentary features were more clear because this core was split with a saw.



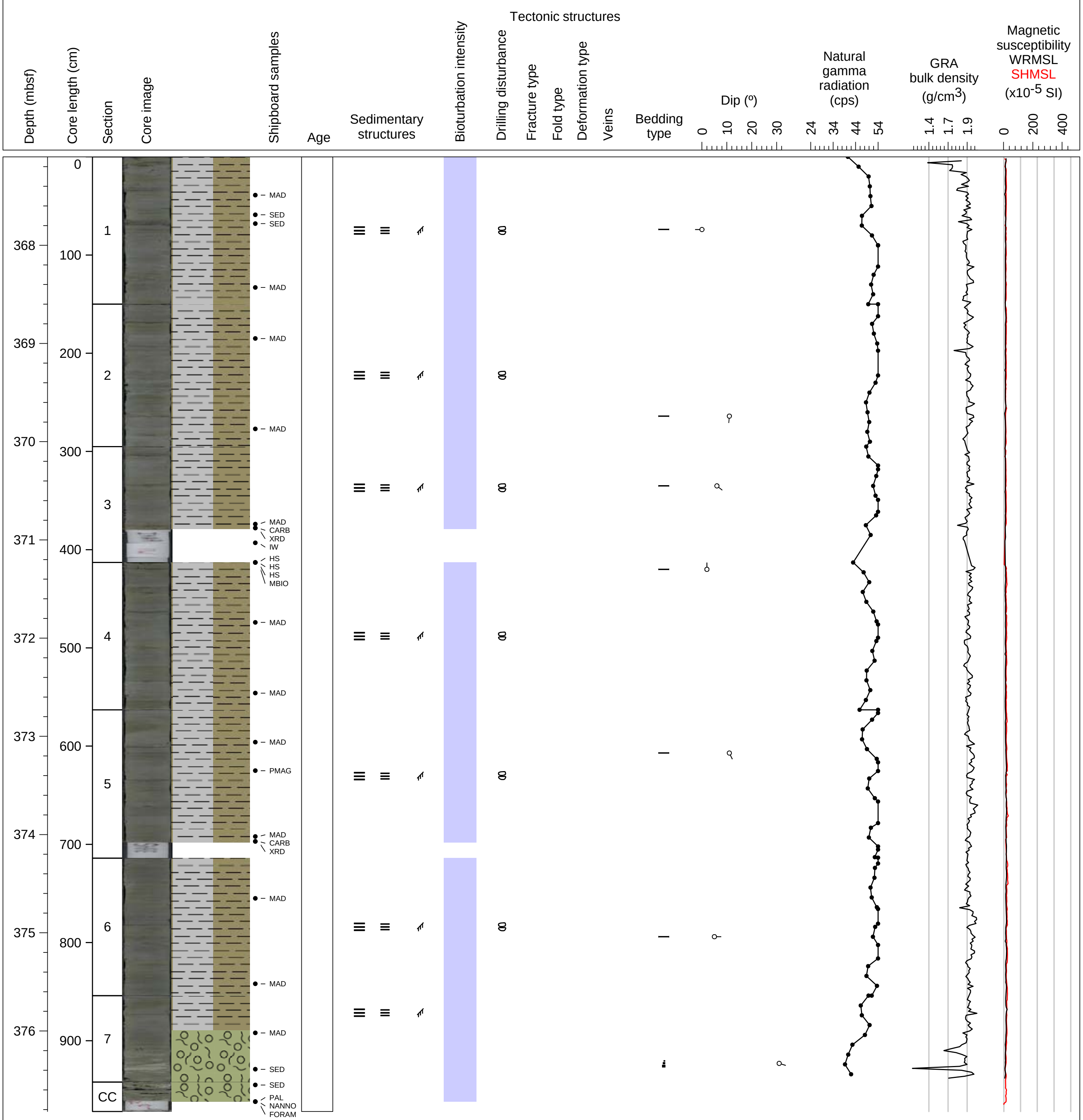
Hole 375-U1520D Core 341, Interval 270.8-270.8 m (CSF-A)

DRILLED INTERVAL

Depth (mbsf)	Core length (cm)	Section	Core image	Shipboard samples	Age	Sedimentary structures	Bioturbation intensity	Drilling disturbance	Tectonic structures: Fracture type	Fold type	Deformation type	Veins	Bedding type	Dip (º) 0 0.25 0.5 0.75 1	Natural gamma radiation (cps) 24 34 44 54	GRA bulk density (g/cm^3) 0.0 0.3 0.5 0.8 1.0	Magnetic susceptibility WRMSL SHMSL ($x10^{-5}$ SI) 0 200 400
262																	
263																	
264																	
265																	
266																	
267																	
268																	
269																	
270																	

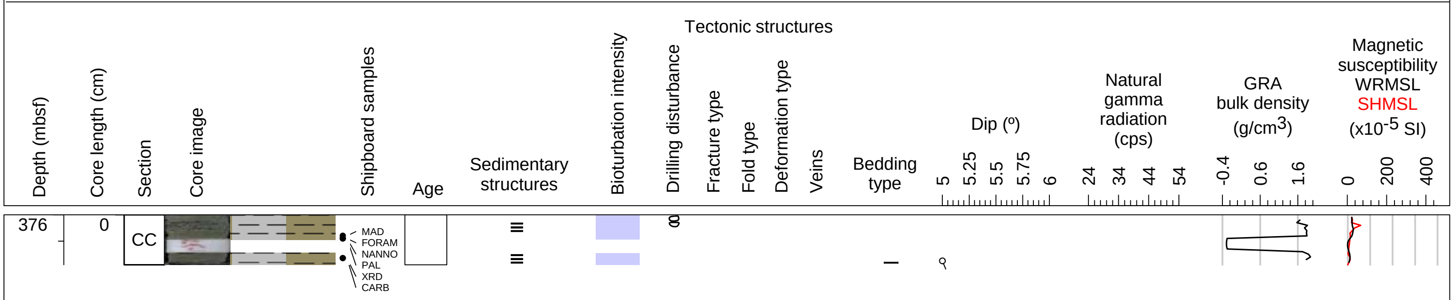
Hole 375-U1520D Core 35X, Interval 366.6-376.32 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers. Core contains two ash layers in section 7 and one in the CC. Siltstone exhibits parallel and cross lamination. Contorted mudstone clasts. Slight bioturbation. Some drilling disturbance.



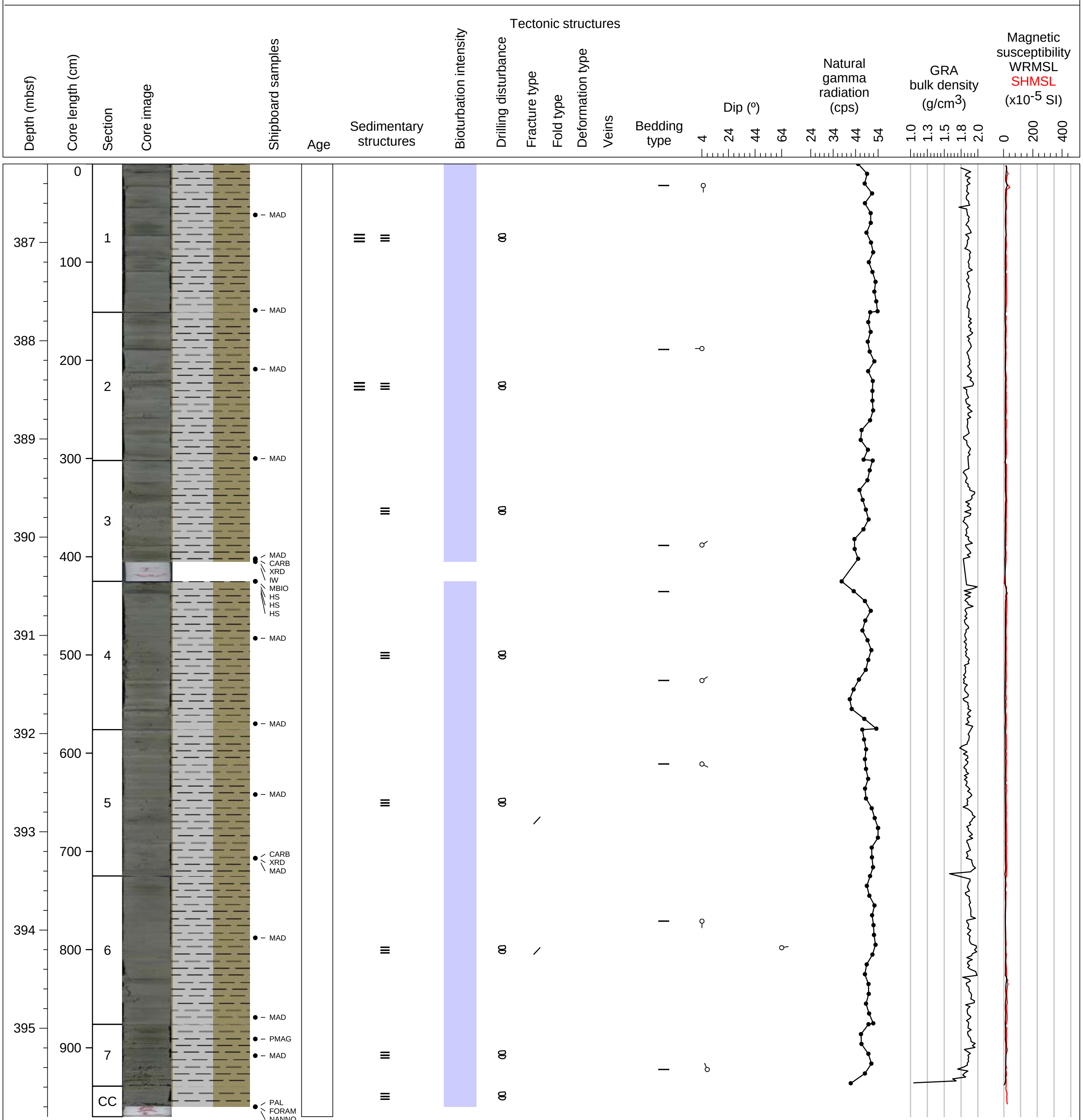
Hole 375-U1520D Core 36X, Interval 376.2-376.58 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers. Siltstone exhibits parallel and cross lamination. Slight bioturbation. Some drilling disturbance.



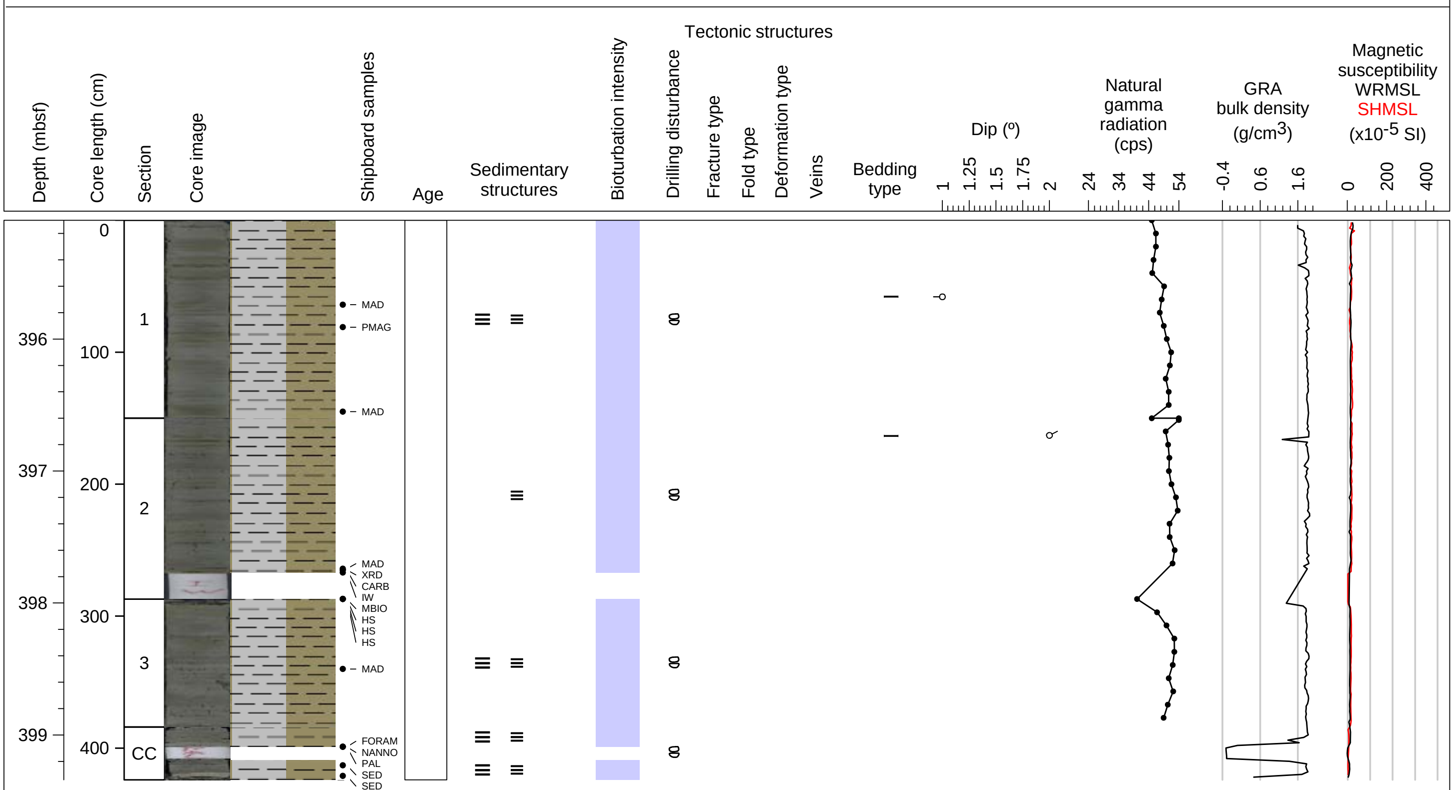
Hole 375-U1520D Core 37X, Interval 385.7-395.4 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers. Siltstone exhibits parallel and cross lamination. Slight bioturbation. Some drilling disturbance.



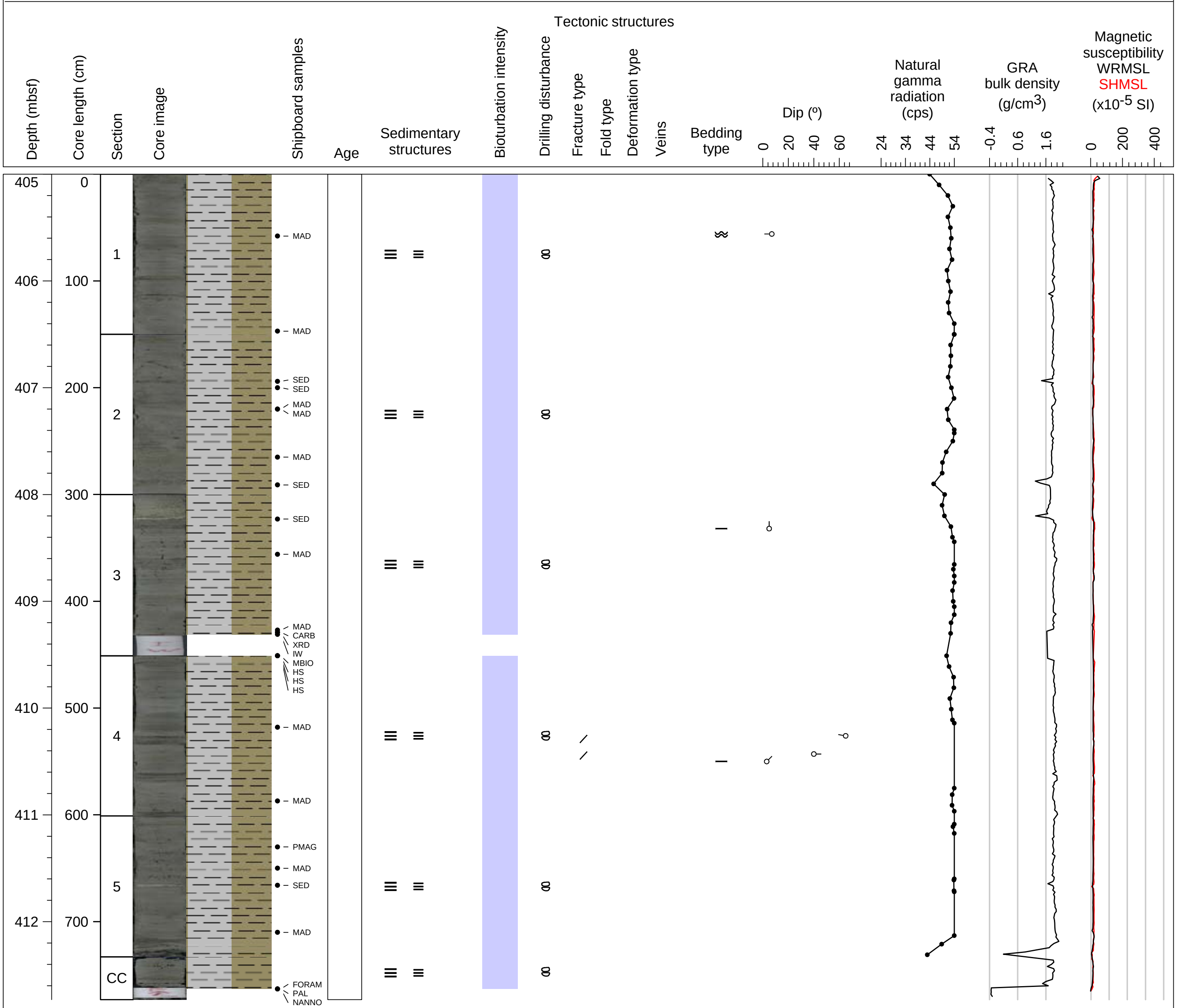
Hole 375-U1520D Core 38X, Interval 395.3-399.54 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers. Core contains one ash layer in the CC. Siltstone exhibits parallel lamination. Some drilling disturbance.



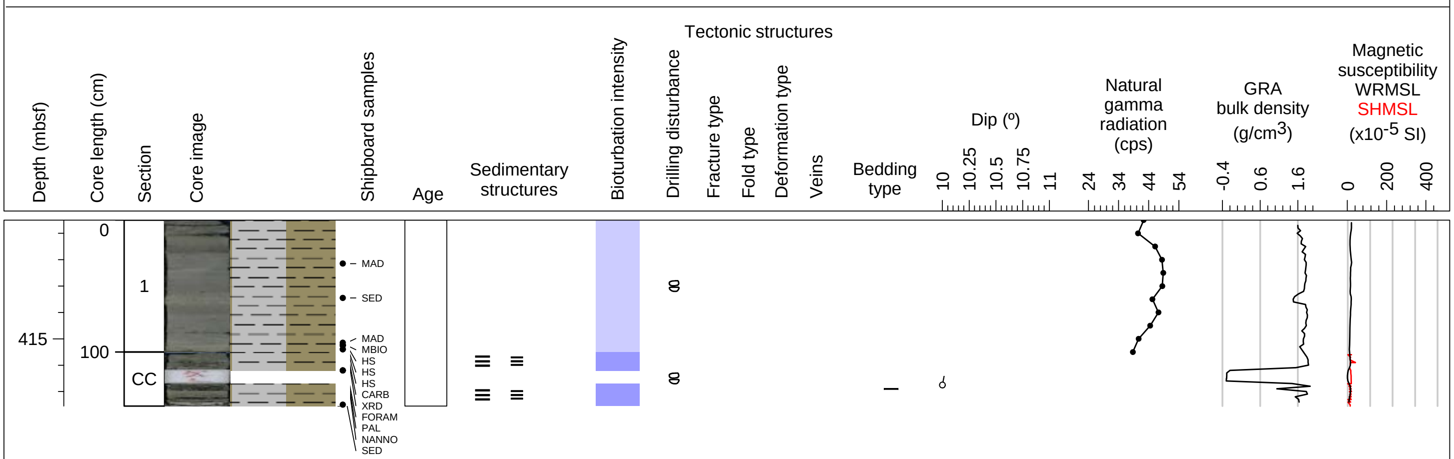
Hole 375-U1520D Core 39X, Interval 404.8-412.53 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers with two ash layers in section 2, one ash layer in section 3 and one ash layer in section 5. Siltstone exhibits parallel lamination. Some drilling disturbance.



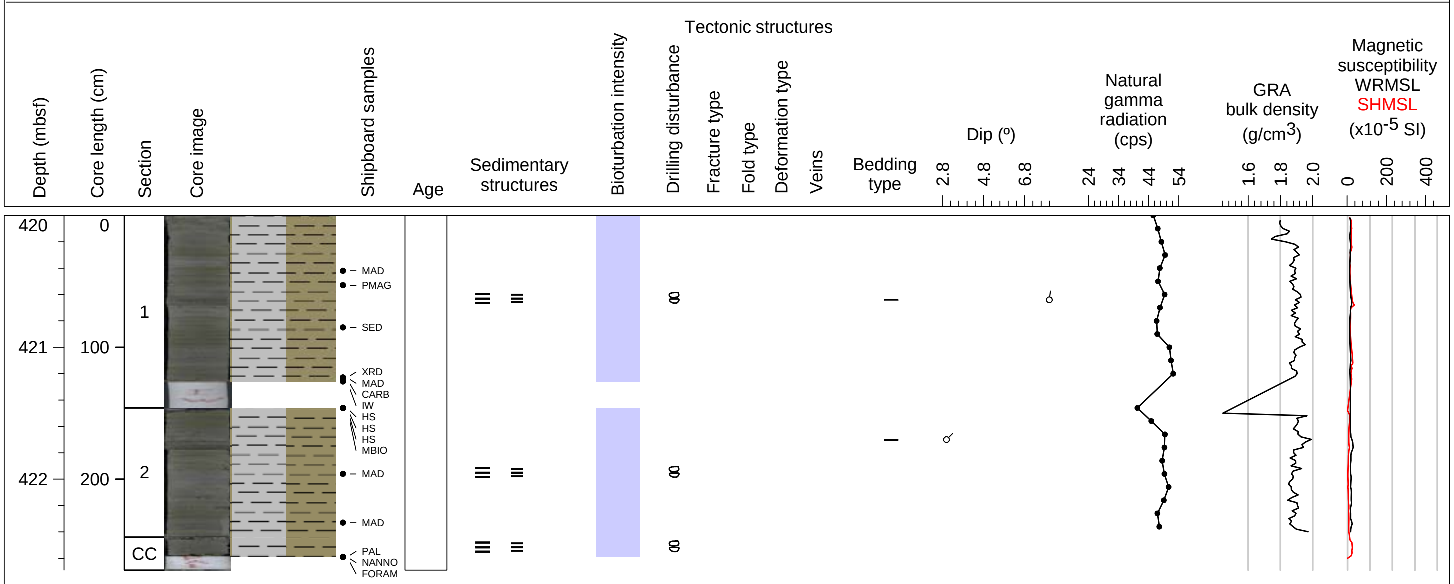
Hole 375-U1520D Core 40X, Interval 414.4-415.81 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers with one ash layer in section 1 and one ash layer in the CC. Siltstone exhibits parallel lamination.



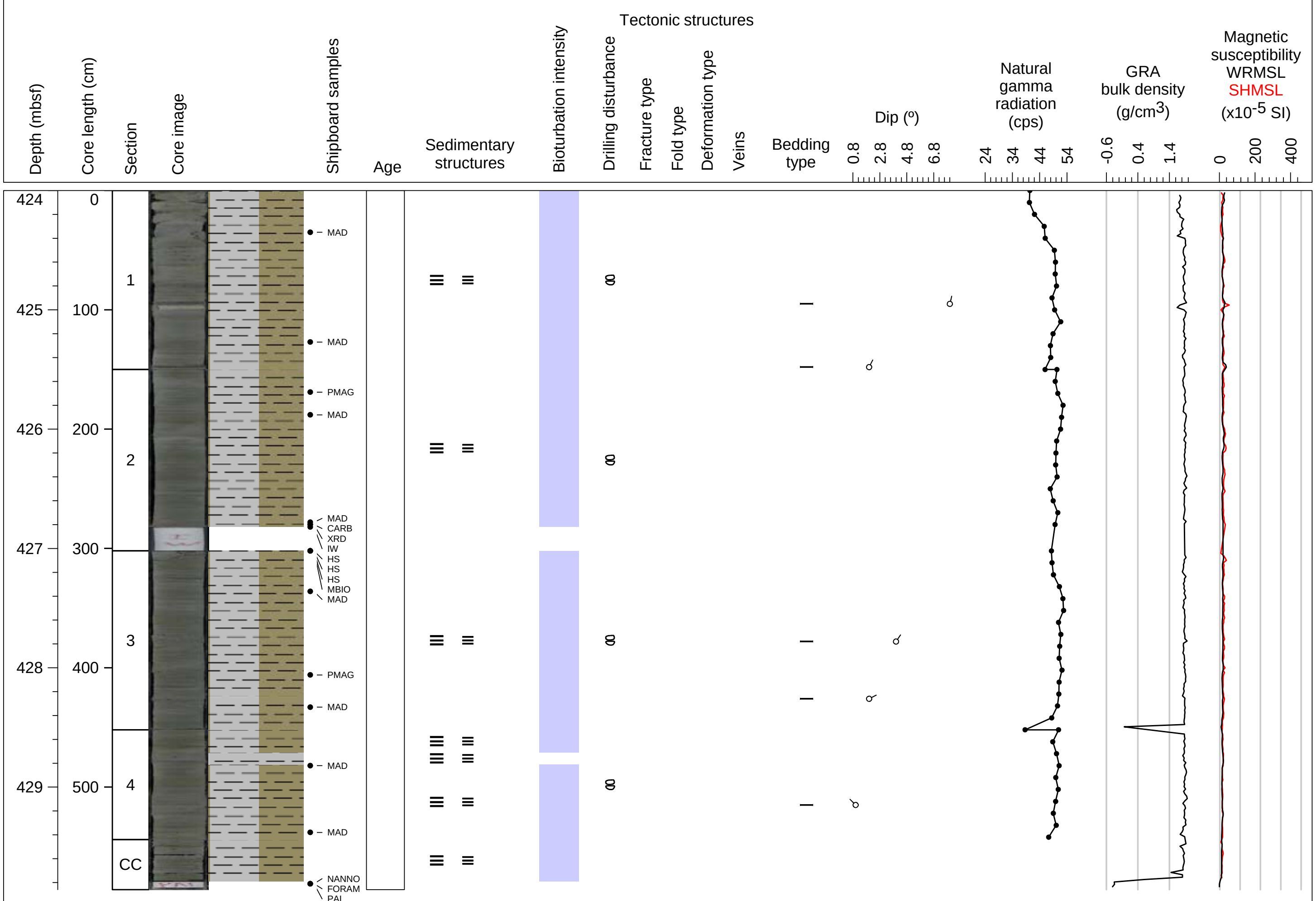
Hole 375-U1520D Core 41X, Interval 420.0-422.69 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers. Siltstone exhibits parallel lamination. Some drilling disturbance.



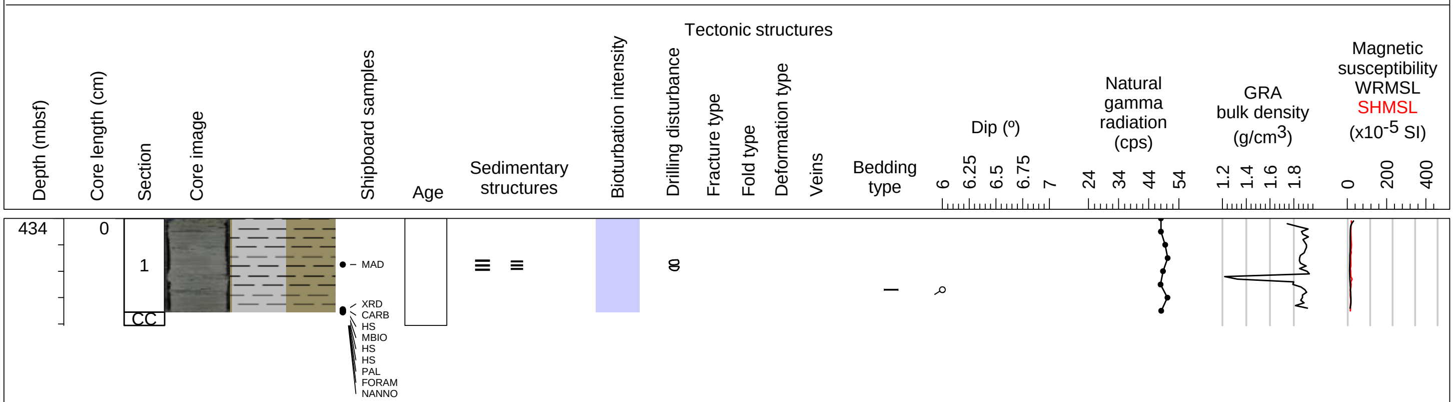
Hole 375-U1520D Core 42X, Interval 424.0-429.86 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers with two ash layers in section 1. Siltstone exhibits parallel lamination. Slight bioturbation. Some drilling disturbance.



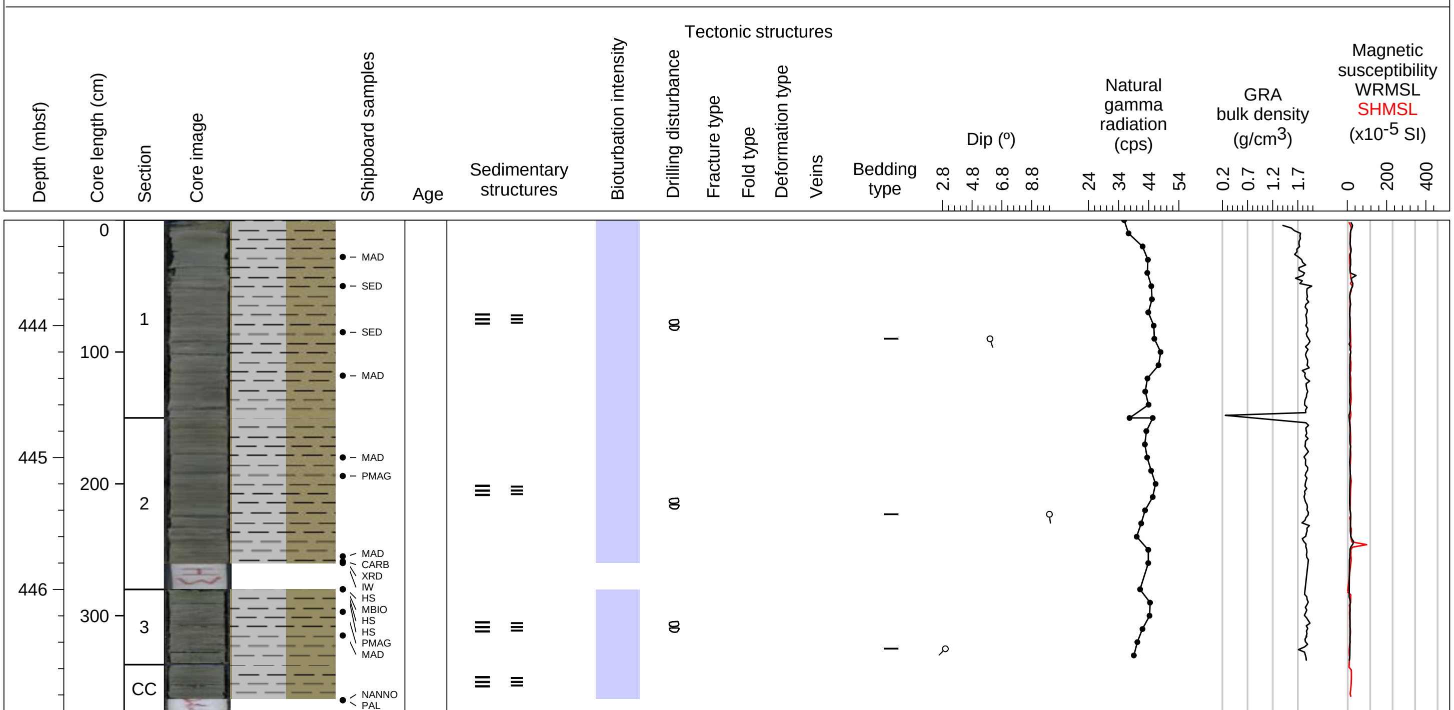
Hole 375-U1520D Core 43X, Interval 433.6-434.41 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers. Siltstone exhibits parallel lamination. Some drilling disturbance.



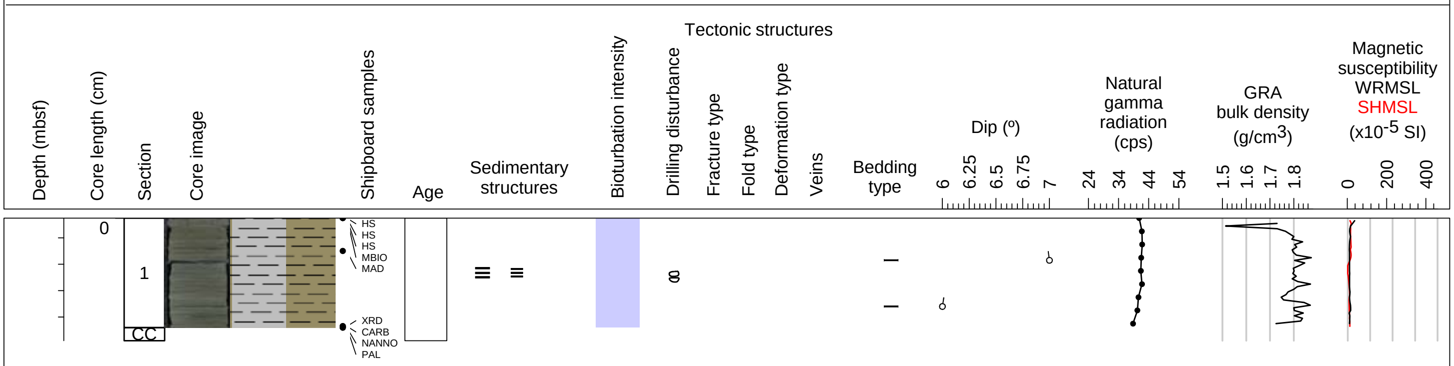
Hole 375-U1520D Core 44X, Interval 443.2-446.94 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers. Core contains three ash layers in section 1 and one ash pod layer in Section 2. Siltstone exhibits parallel lamination. Some drilling disturbance.



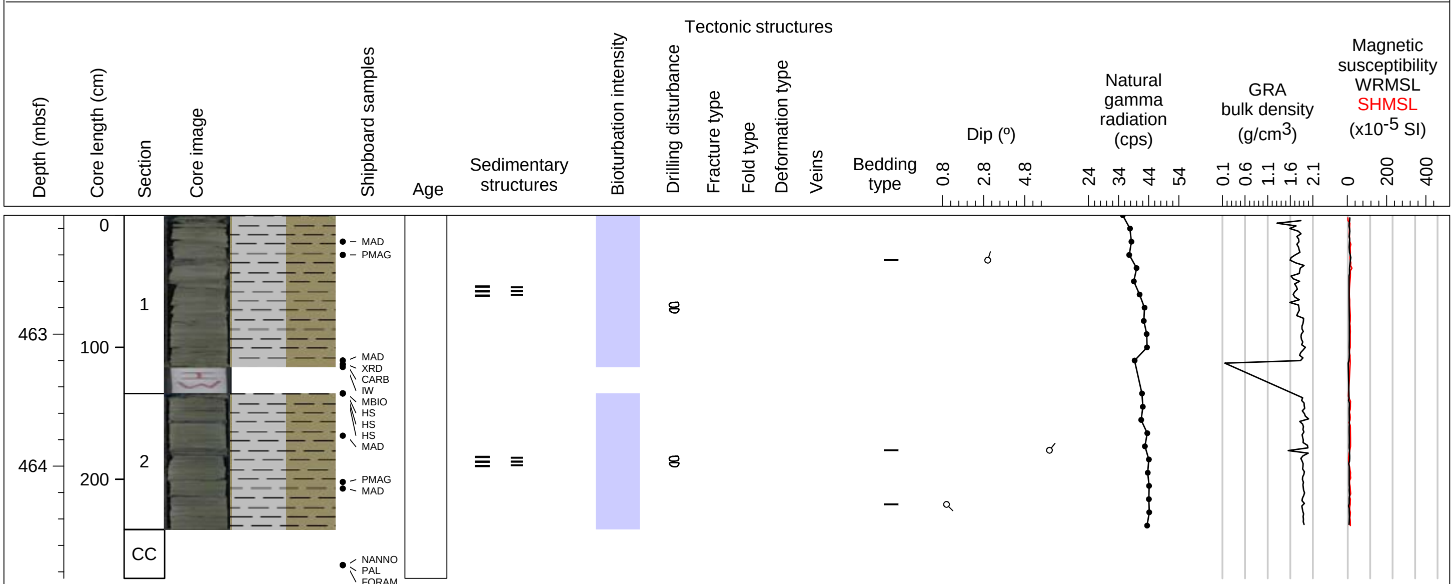
Hole 375-U1520D Core 45X, Interval 452.7-453.63 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers. Siltstone exhibits parallel lamination. Some drilling disturbance.



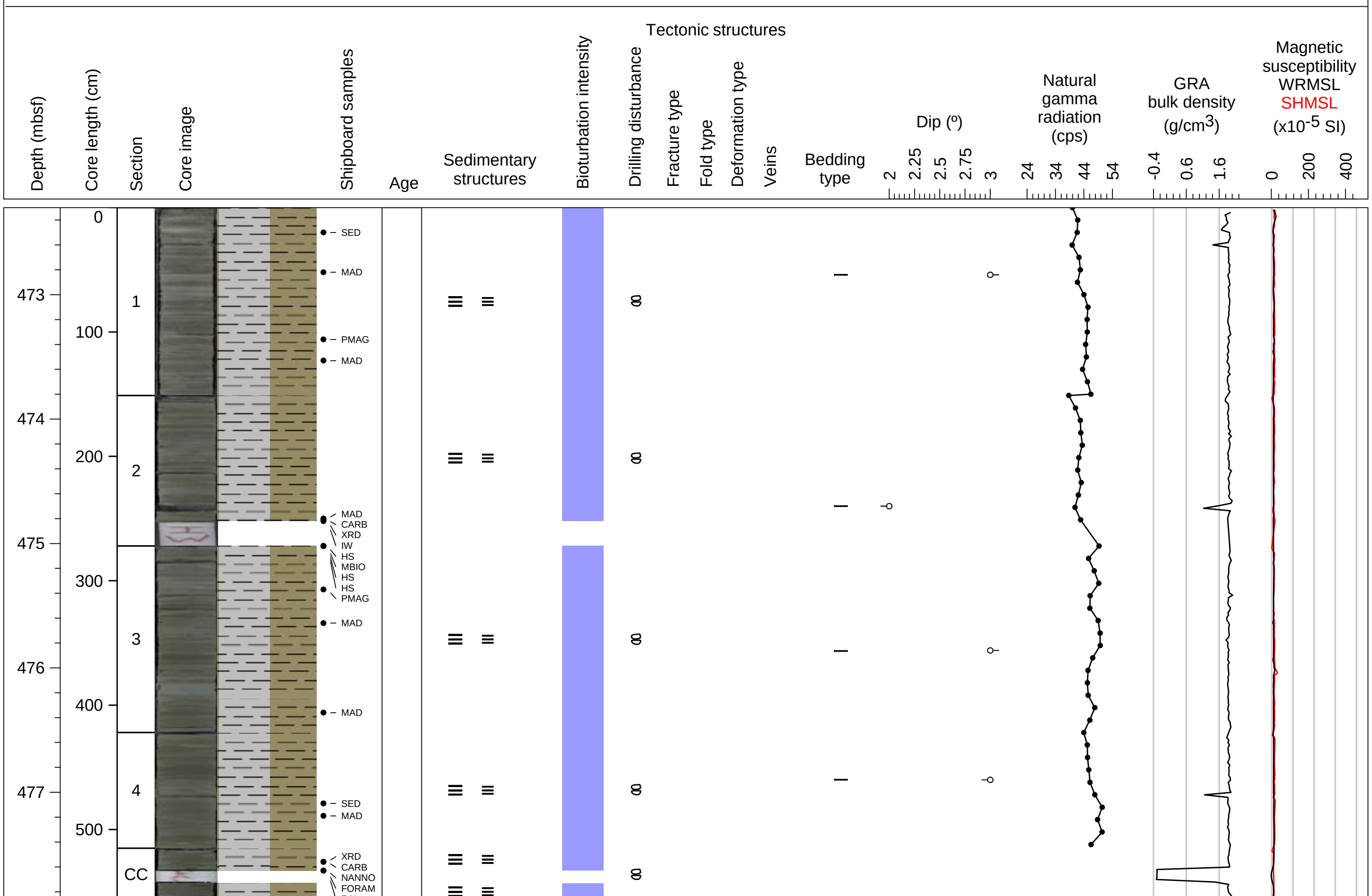
Hole 375-U1520D Core 46X, Interval 462.3-465.05 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers. Core contains one ash layer in Section 1. Siltstone exhibits parallel lamination. Some drilling disturbance.



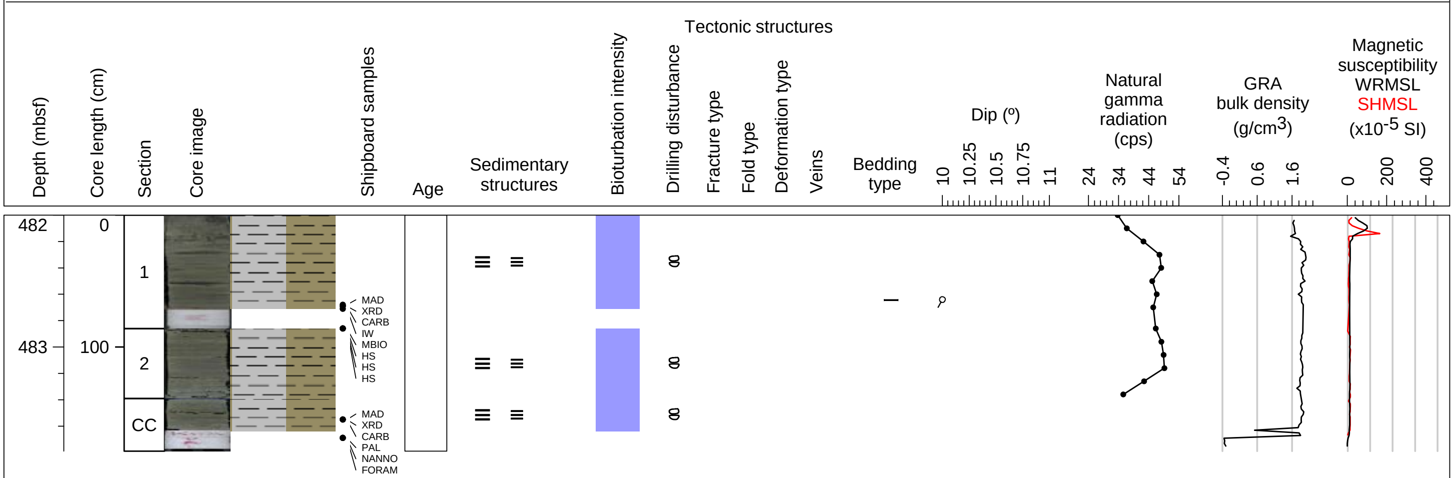
Hole 375-U1520D Core 47X, Interval 471.9-477.47 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers. Siltstone exhibits parallel lamination. Some drilling disturbance and moderate bioturbation.



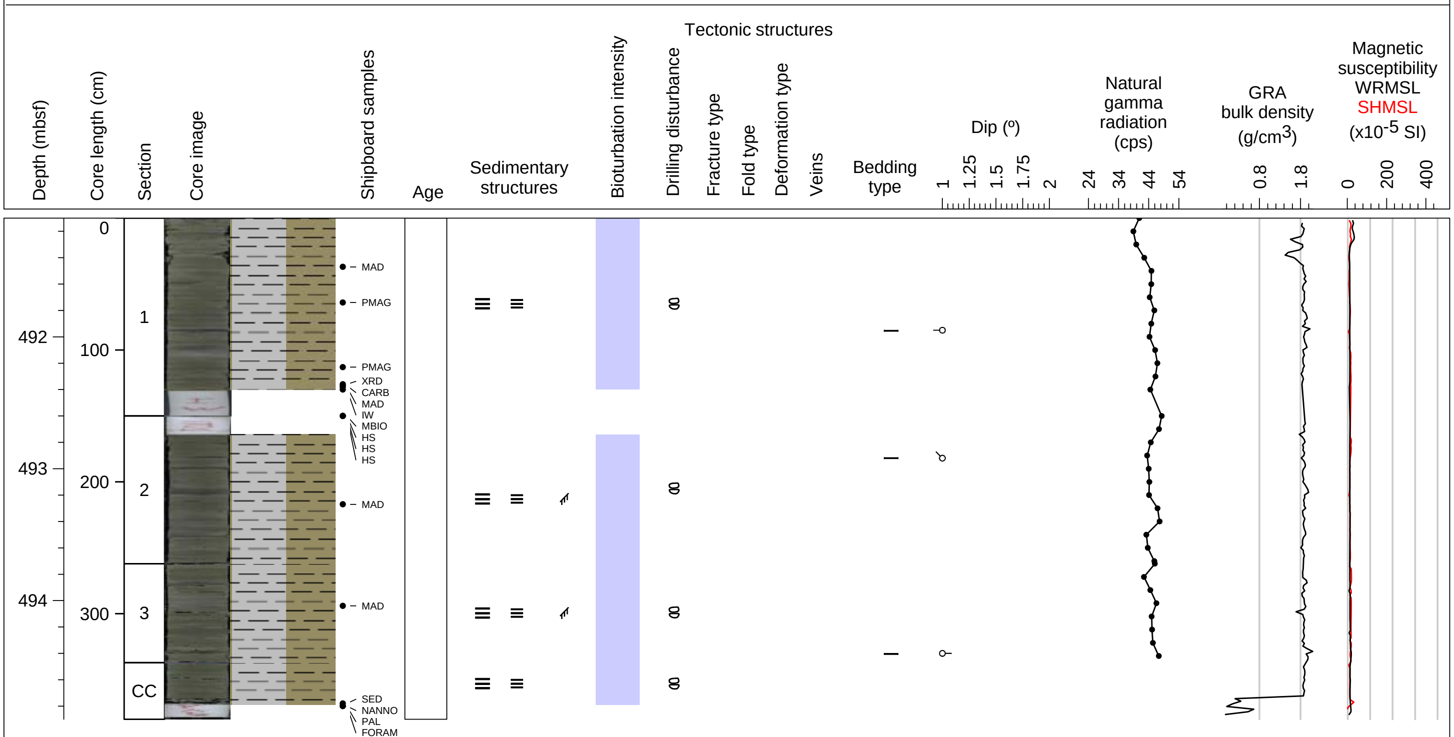
Hole 375-U1520D Core 48X, Interval 481.5-483.29 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers. Siltstone exhibits parallel lamination. Some drilling disturbance and moderate bioturbation.



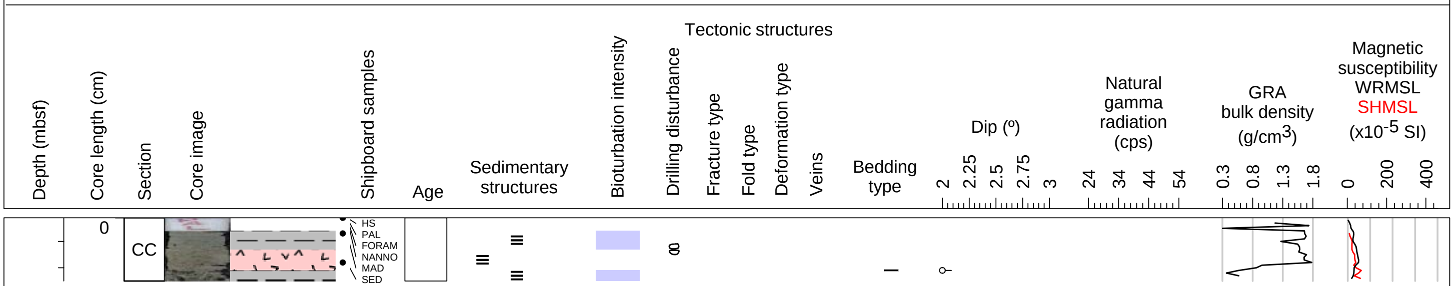
Hole 375-U1520D Core 49X, Interval 491.1-494.9 m (CSF-A)

Alternating siltstone and greenish gray mudstone layers. Core contains two ash layers in section CC. Siltstone exhibits parallel lamination. Some drilling disturbance and slight bioturbation.



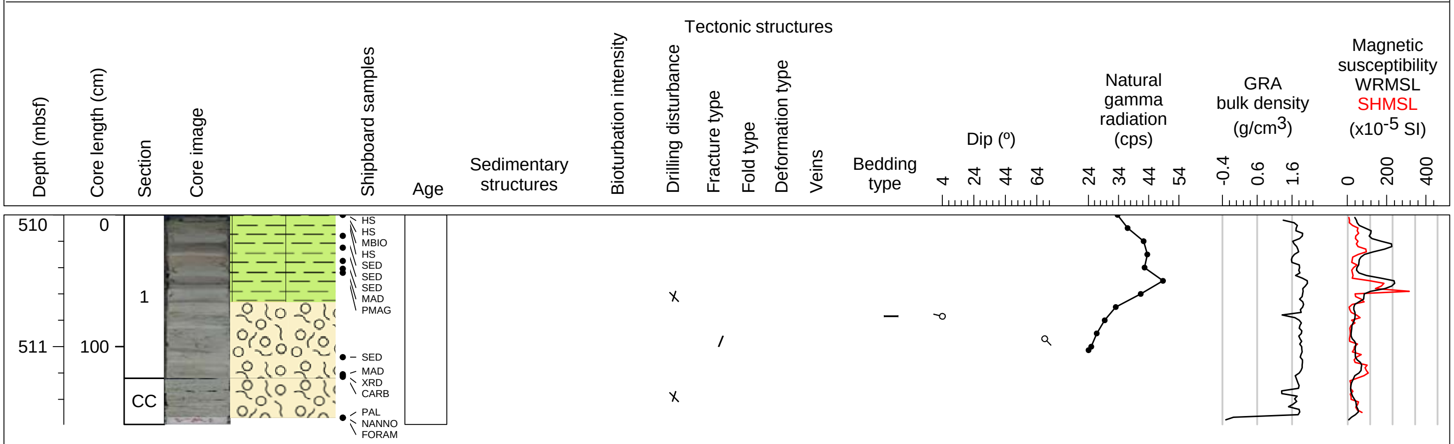
Hole 375-U1520D Core 50X, Interval 500.7-501.18 m (CSF-A)

Greenish gray siltstone with a light brownish pink ash layer.



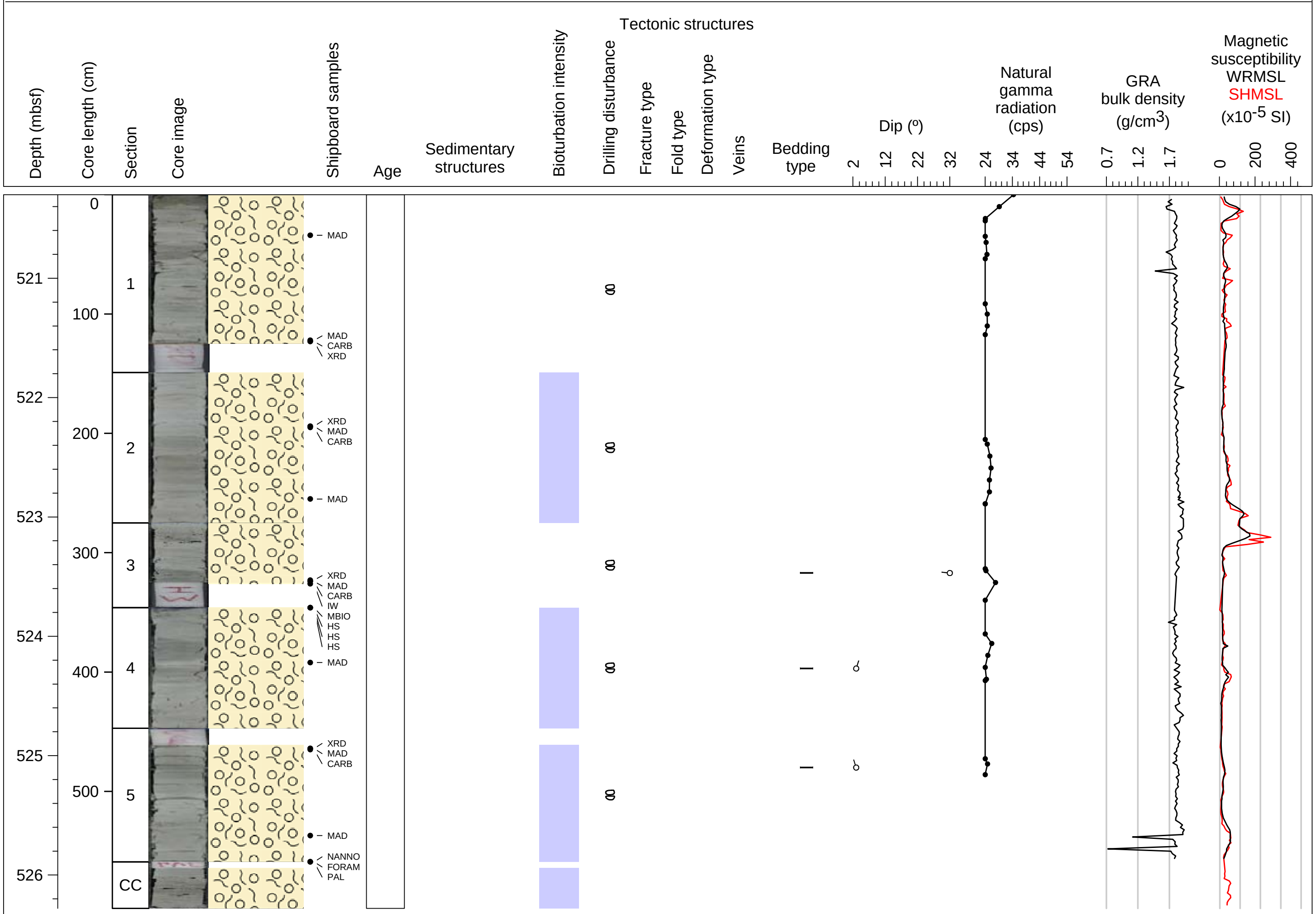
Hole 375-U1520D Core 51X, Interval 510.3-511.89 m (CSF-A)

Light greenish gray siltstone interbedded with five light pink ash layers in section 1. Beginning in section 1, 66cm, convoluted marl layers with dispersed basalt clasts and soft sediment deformation.



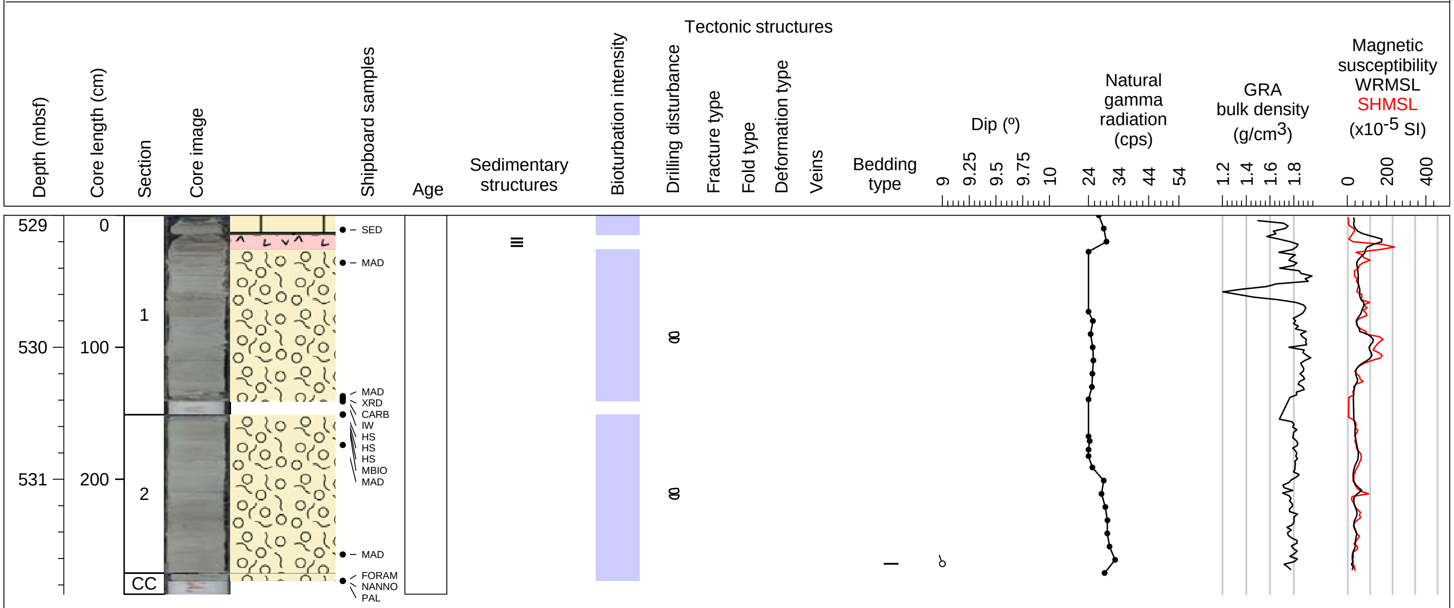
Hole 375-U1520D Core 52X, Interval 519.9-525.88 m (CSF-A)

Convoluted marl layers with dispersed basalt clasts, marl clasts, and soft sediment deformation. Ash layer in section 1.



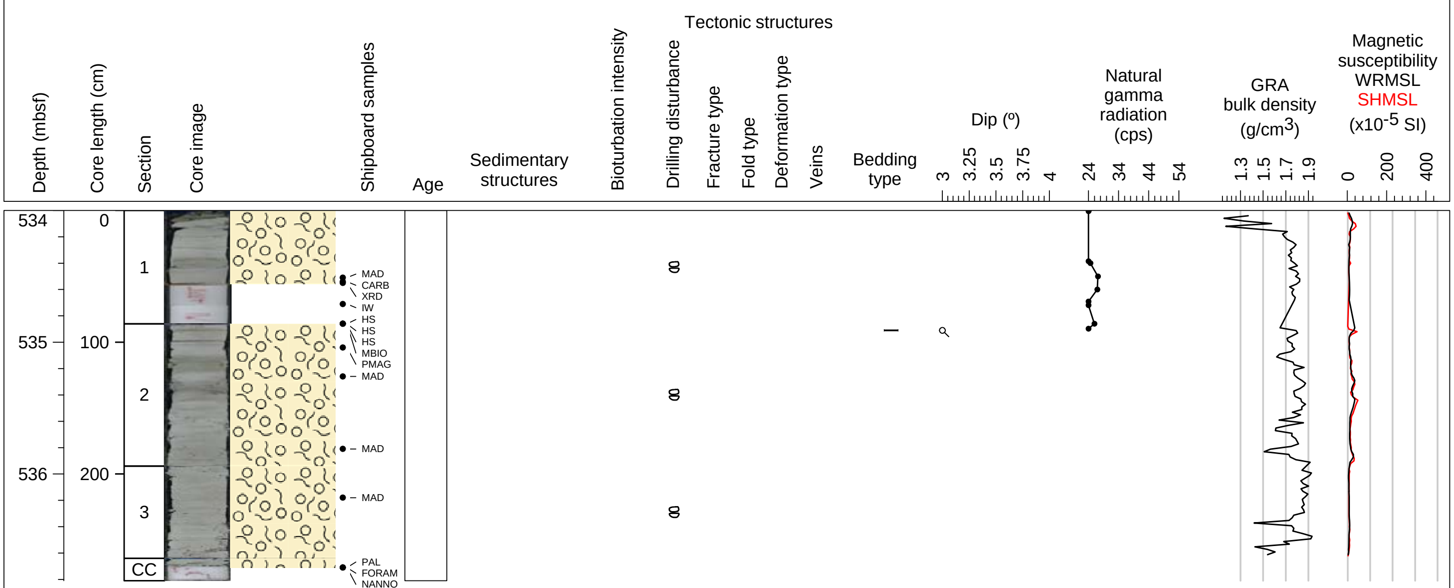
Hole 375-U1520D Core 53X, Interval 529.4-532.27 m (CSF-A)

Convoluted marl layers with dispersed marl clasts and soft sediment deformation. Ash layer in section 1.



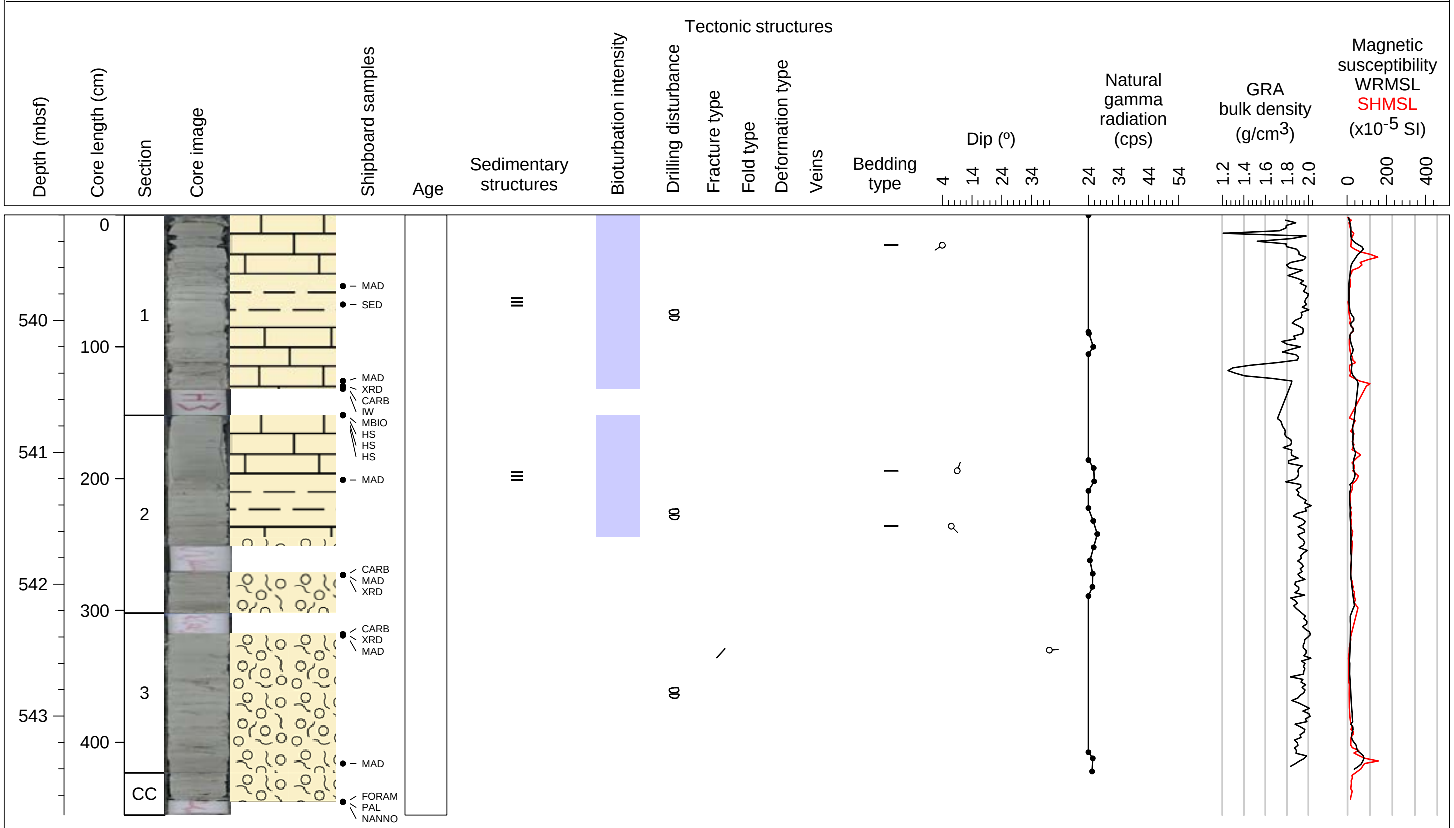
Hole 375-U1520D Core 54X, Interval 534.4-537.21 m (CSF-A)

Convoluted marl layers with dispersed marl clasts and soft sediment deformation. Ash layer in section 2.



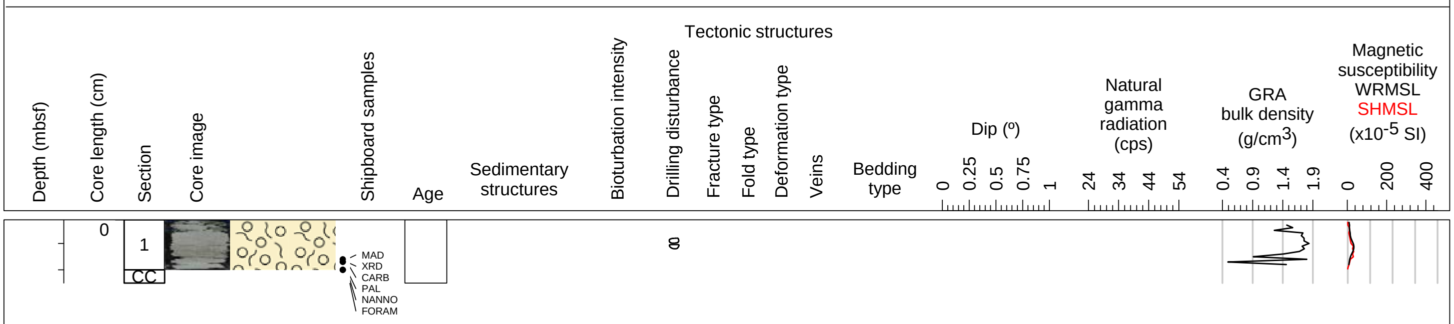
Hole 375-U1520D Core 55X, Interval 539.0-543.55 m (CSF-A)

Marl layer as well as convoluted marl layers with dispersed marl clasts and soft sediment deformation.



Hole 375-U1520D Core 56X, Interval 548.5-548.98 m (CSF-A)

Convoluted, varigated marl containing marl and pumice clasts. Severe drilling disturbance.



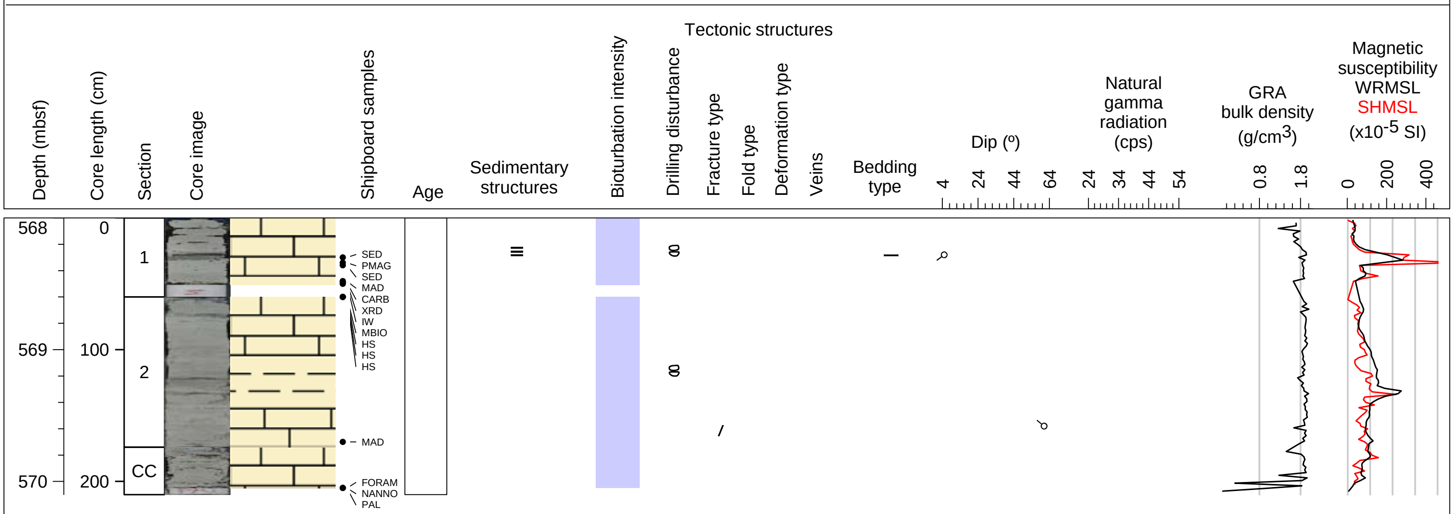
Hole 375-U1520D Core 57X, Interval 558.1-558.1 m (CSF-A)

NO RECOVERY

Depth (mbsf)	Core length (cm)	Section	Core image	Shipboard samples	Age	Sedimentary structures	Bioturbation intensity	Drilling disturbance	Tectonic structures: Fracture type	Fold type	Deformation type	Veins	Bedding type	Dip (º) 0 0.25 0.5 0.75 1	Natural gamma radiation (cps) 24 34 44 54	GRA bulk density (g/cm^3) 0.0 0.3 0.5 0.8 1.0	Magnetic susceptibility WRMSL SHMSL (x10^{-5} SI) 0 200 400

Hole 375-U1520D Core 58X, Interval 567.7-569.8 m (CSF-A)

Light greenish gray marl layers with ash layers. Severe drilling disturbance and slight bioturbation.

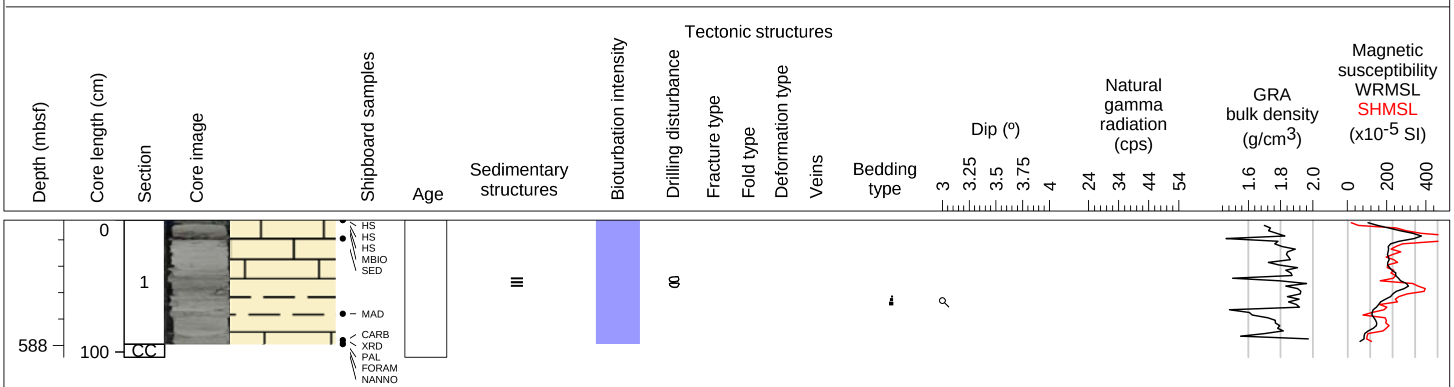


Hole 375-U1520D Core 59X, Interval 577.2-577.35 m (CSF-A)

Light greenish gray marl layers with ash layers. Severe drilling disturbance and slight bioturbation.

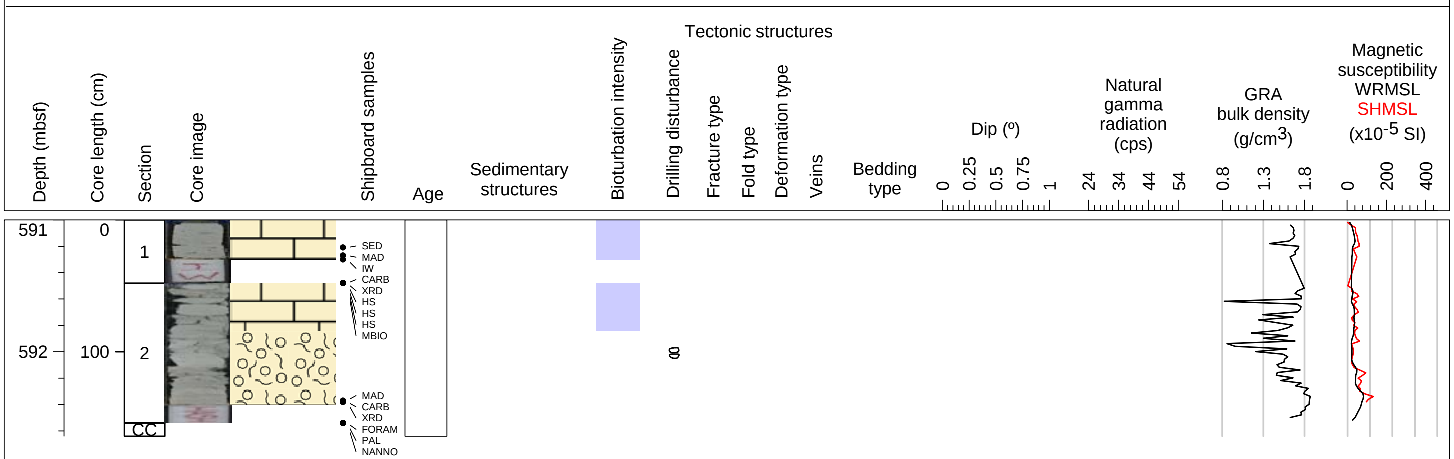
Hole 375-U1520D Core 60X, Interval 586.8-587.84 m (CSF-A)

Light greenish gray marl layers with an ash layer. Slight to moderate bioturbation.



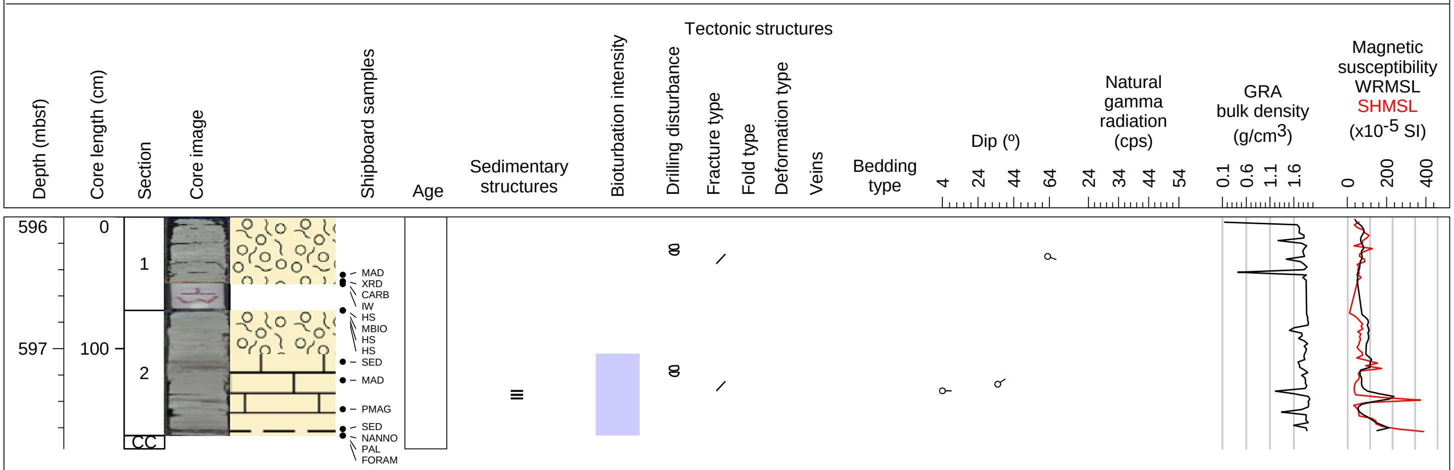
Hole 375-U1520D Core 61X, Interval 591.4-593.04 m (CSF-A)

Light greenish gray siltstone with an ash layer. Beginning in section 2, 36 cm, convoluted marl layers with dispersed basalt clasts and soft sediment deformation.



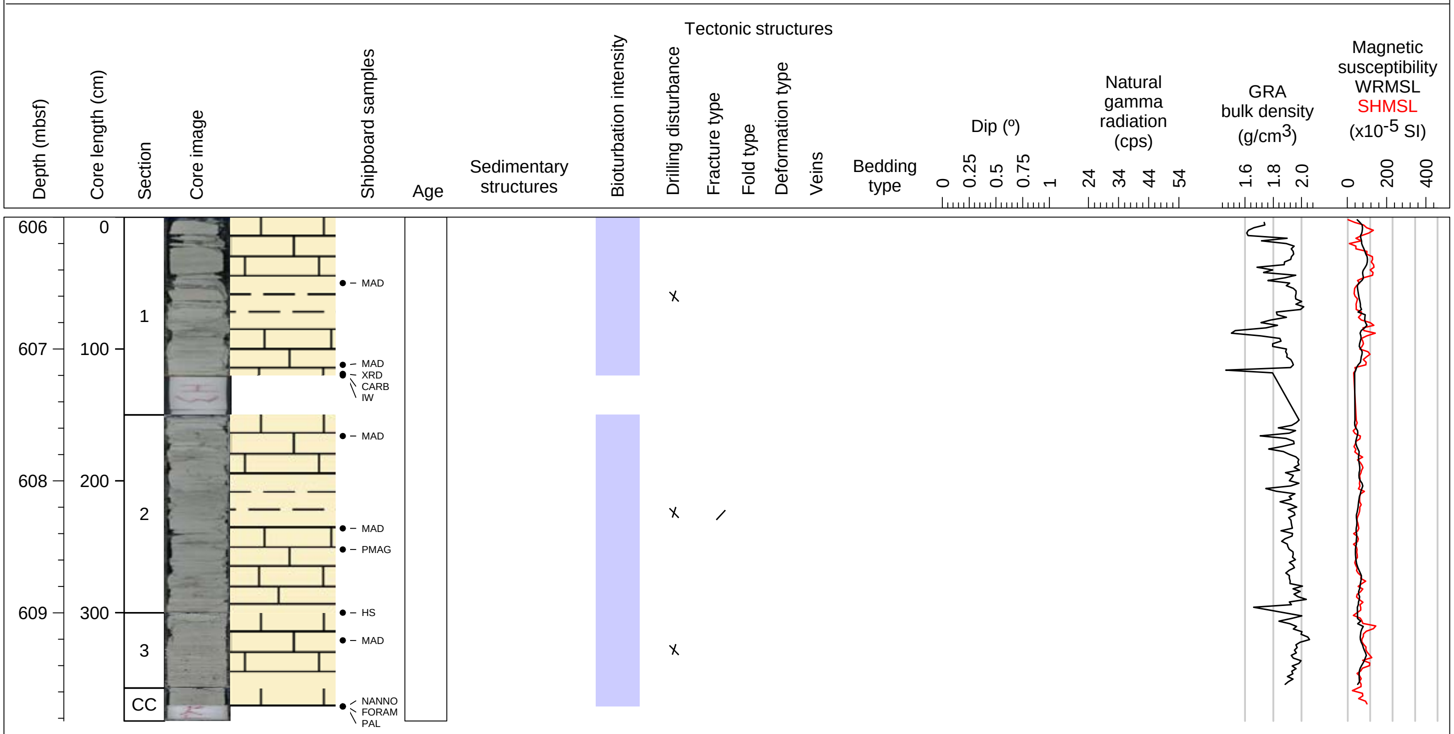
Hole 375-U1520D Core 62X, Interval 596.4-598.16 m (CSF-A)

Convoluted varigated marl containing marl clasts, basalt clasts, and soft sediment deformation. Beginning in section 2, 33 cm, no evidence for convolution. Slight bioturbation and drilling disturbance.



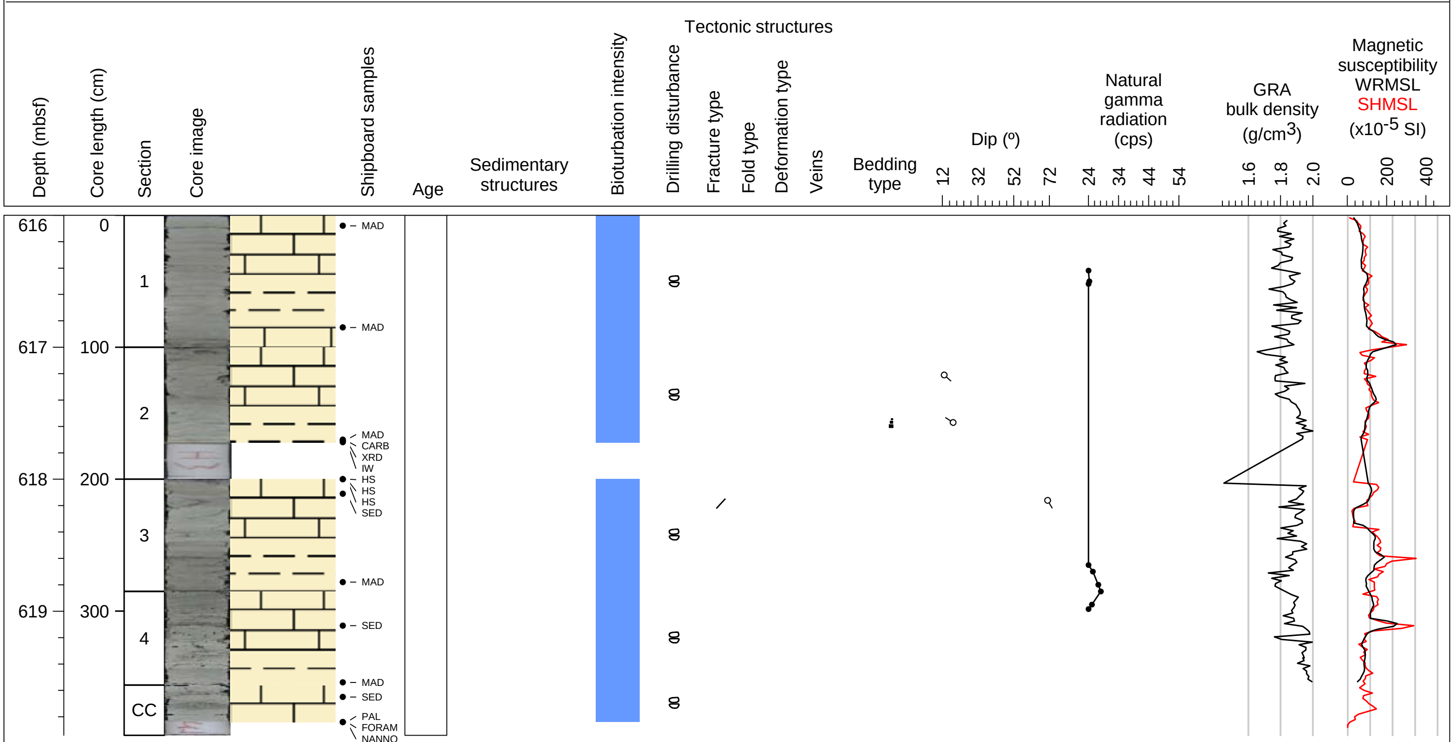
Hole 375-U1520D Core 63X, Interval 606.0-609.82 m (CSF-A)

Light greenish gray marl layers with ash layers. Severe drilling disturbance and slight bioturbation.



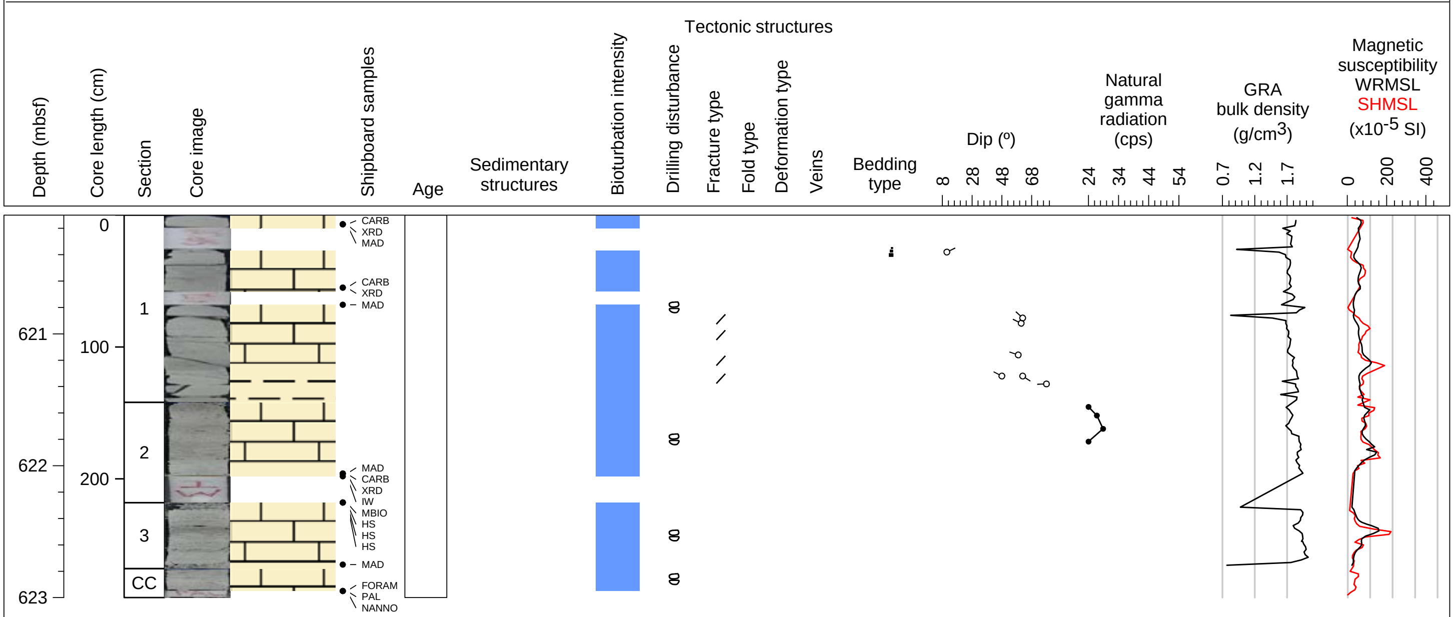
Hole 375-U1520D Core 64X, Interval 615.6-619.54 m (CSF-A)

Light greenish gray marl with ash layers. Severe drilling disturbance. Strong bioturbation.



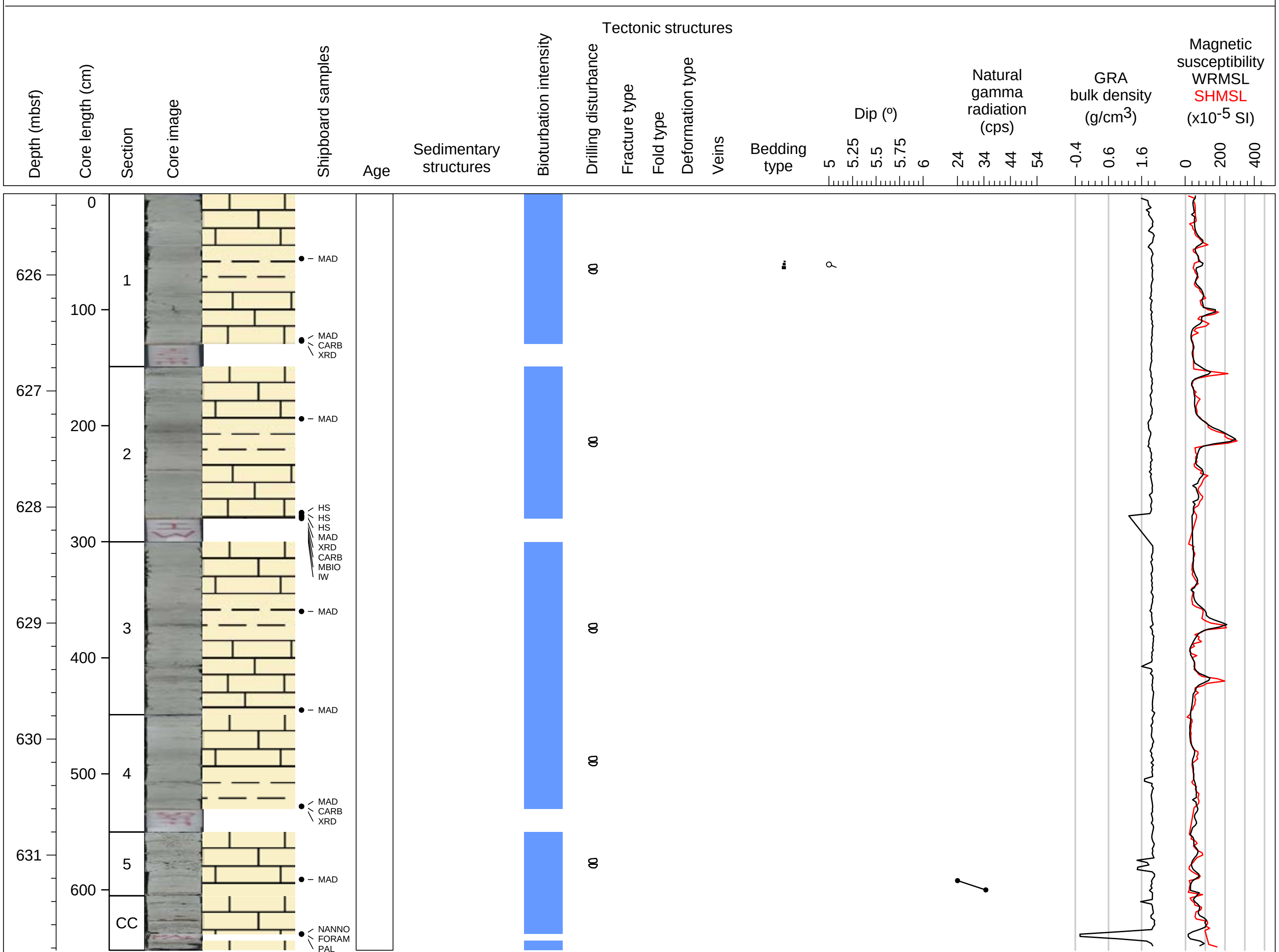
Hole 375-U1520D Core 65X, Interval 620.1-623.0 m (CSF-A)

Light greenish gray marl with ash layers. Severe drilling disturbance. Strong bioturbation.



Hole 375-U1520D Core 66X, Interval 625.1-631.62 m (CSF-A)

Light greenish gray marl with ash layers. Severe drilling disturbance. Strong bioturbation.



Hole 375-U1520D Core 67X, Interval 634.7-636.27 m (CSF-A)

Light greenish gray marl with ash layers. Slight to moderate bioturbation.