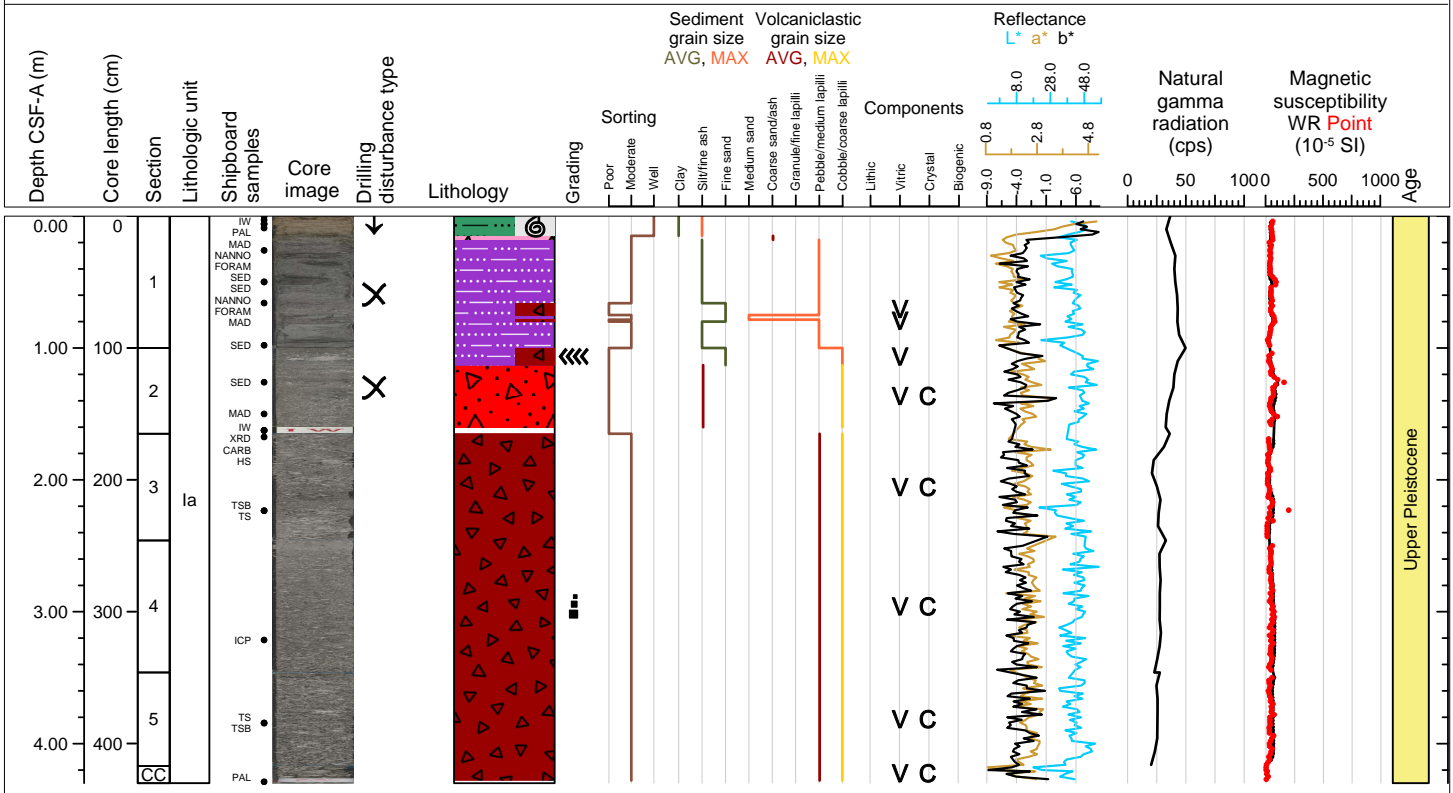
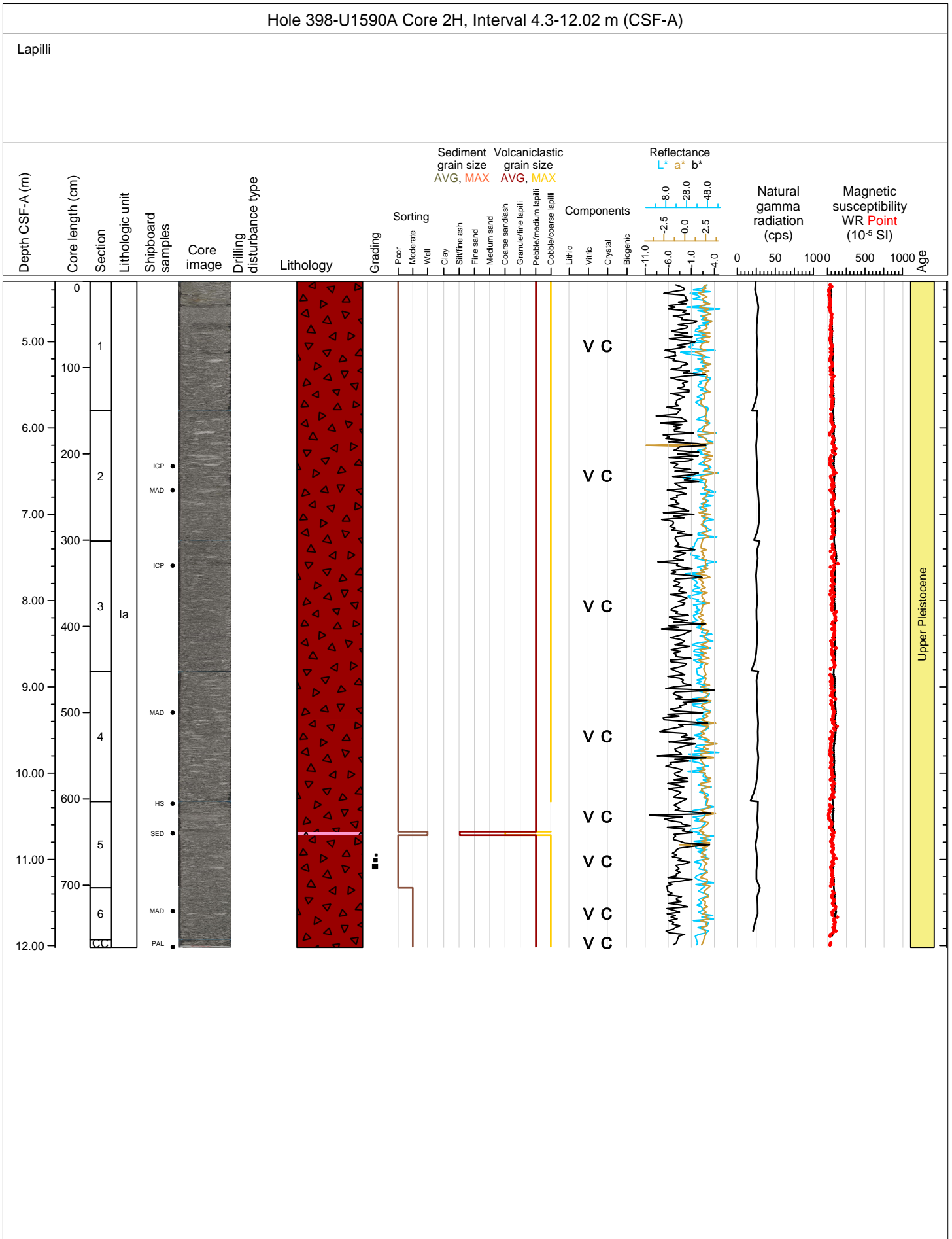


Hole 398-U1590A Core 1H, Interval 0.0-4.3 m (CSF-A)

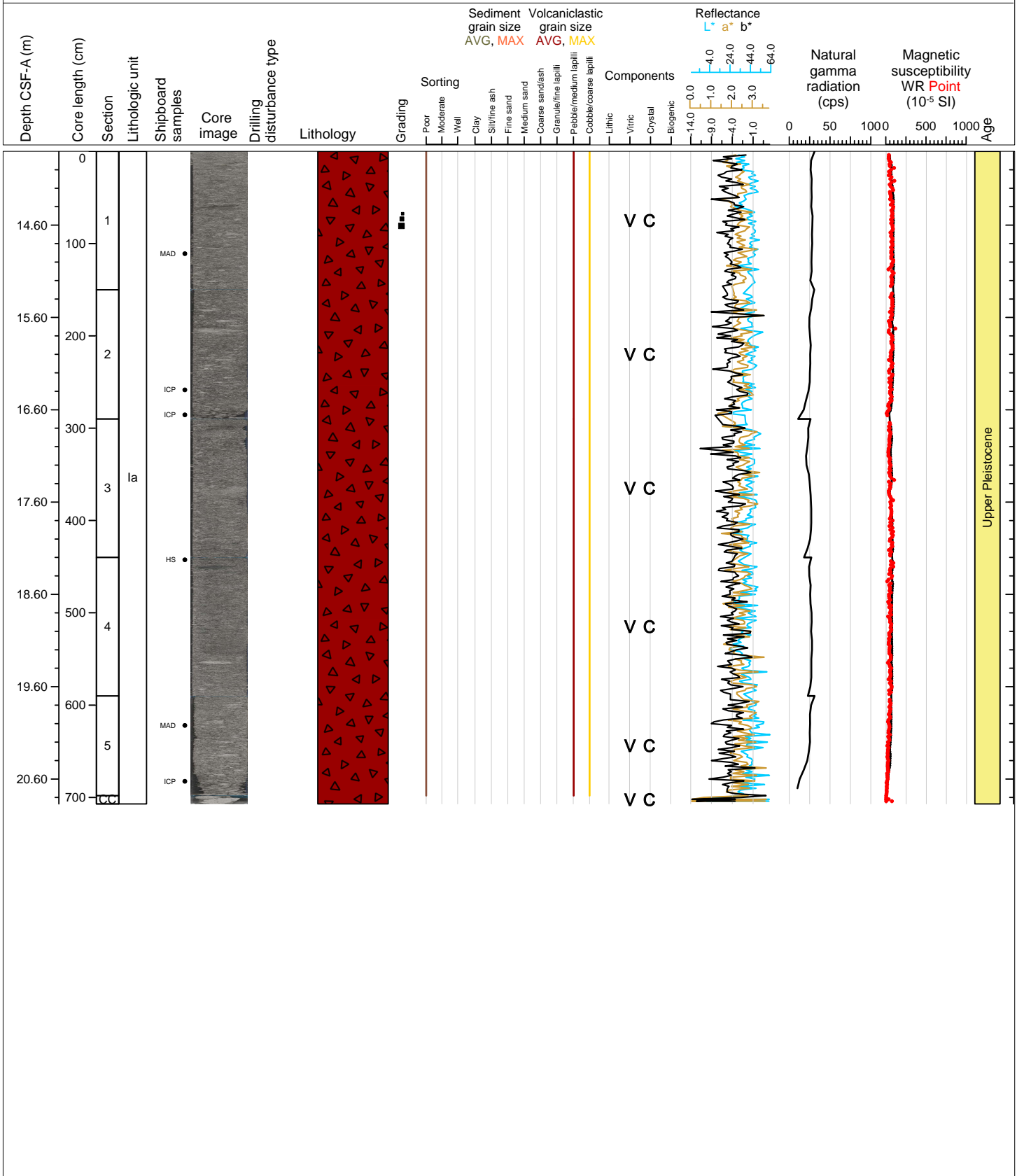
Lapilli and tuffaceous mud with lapilli





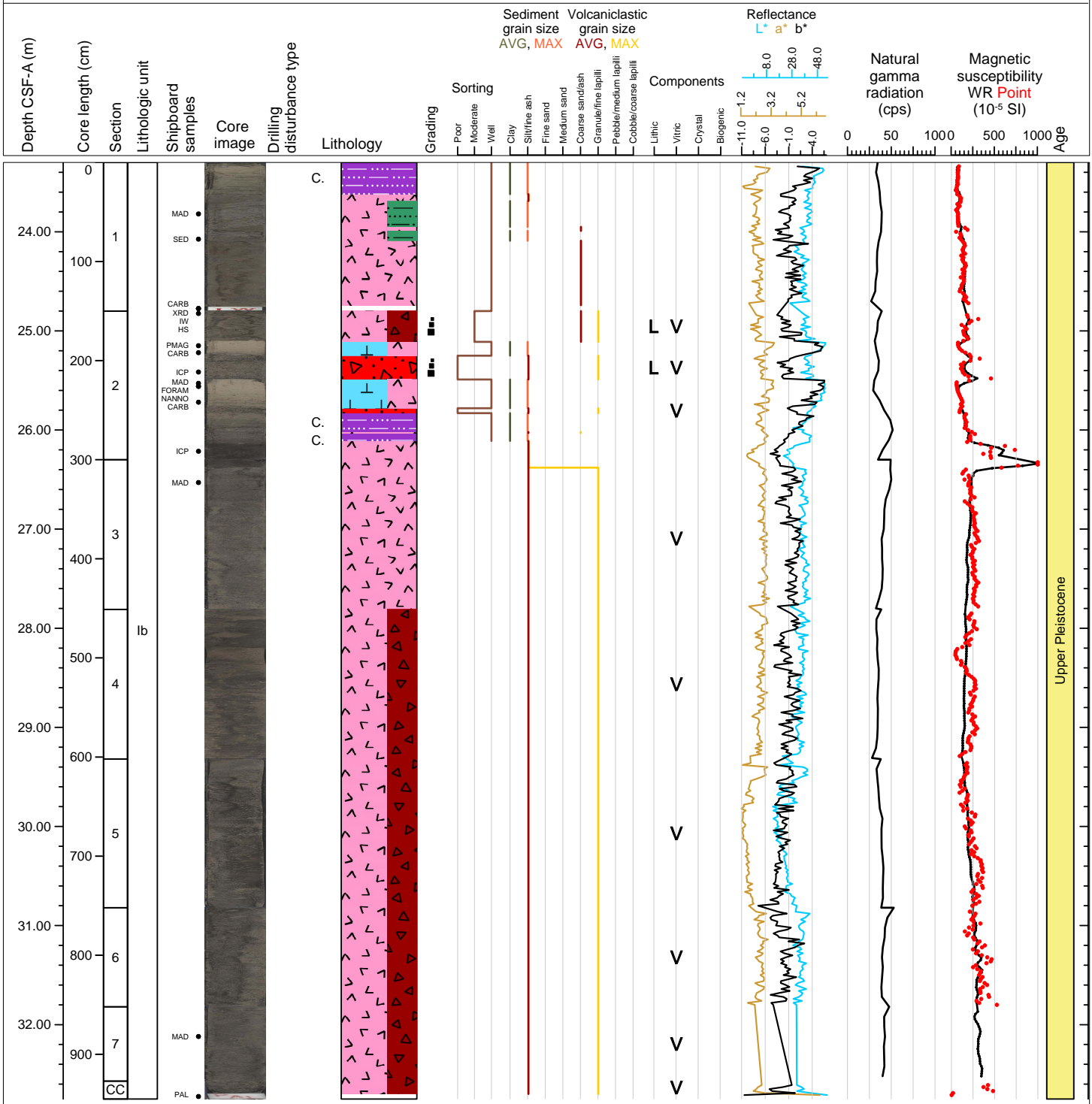
Hole 398-U1590A Core 3H, Interval 13.8-20.87 m (CSF-A)

Lapilli



Hole 398-U1590A Core 4H, Interval 23.3-32.75 m (CSF-A)

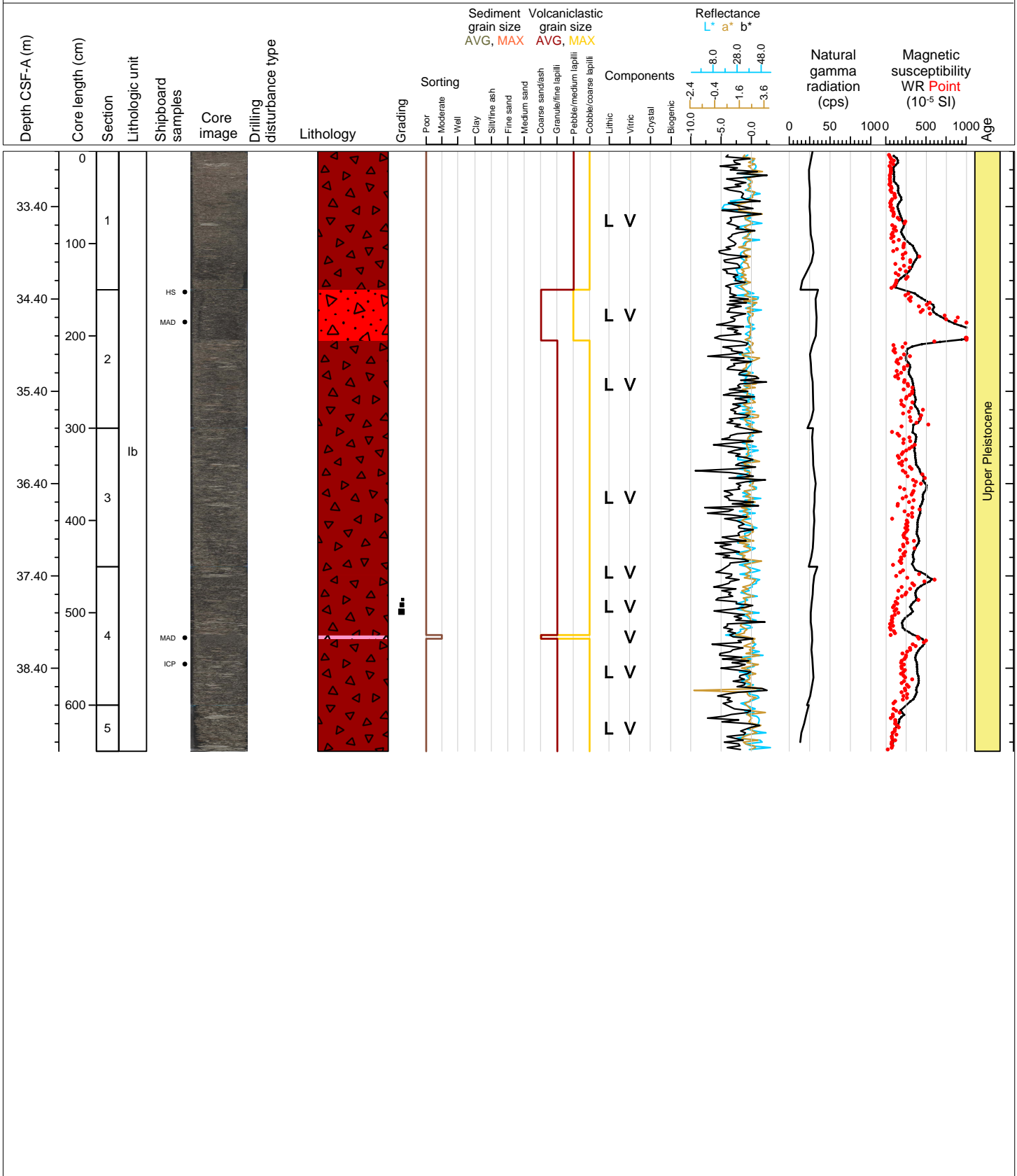
Ash with lapilli, calcareous tuffaceous muds, and ooze with ash





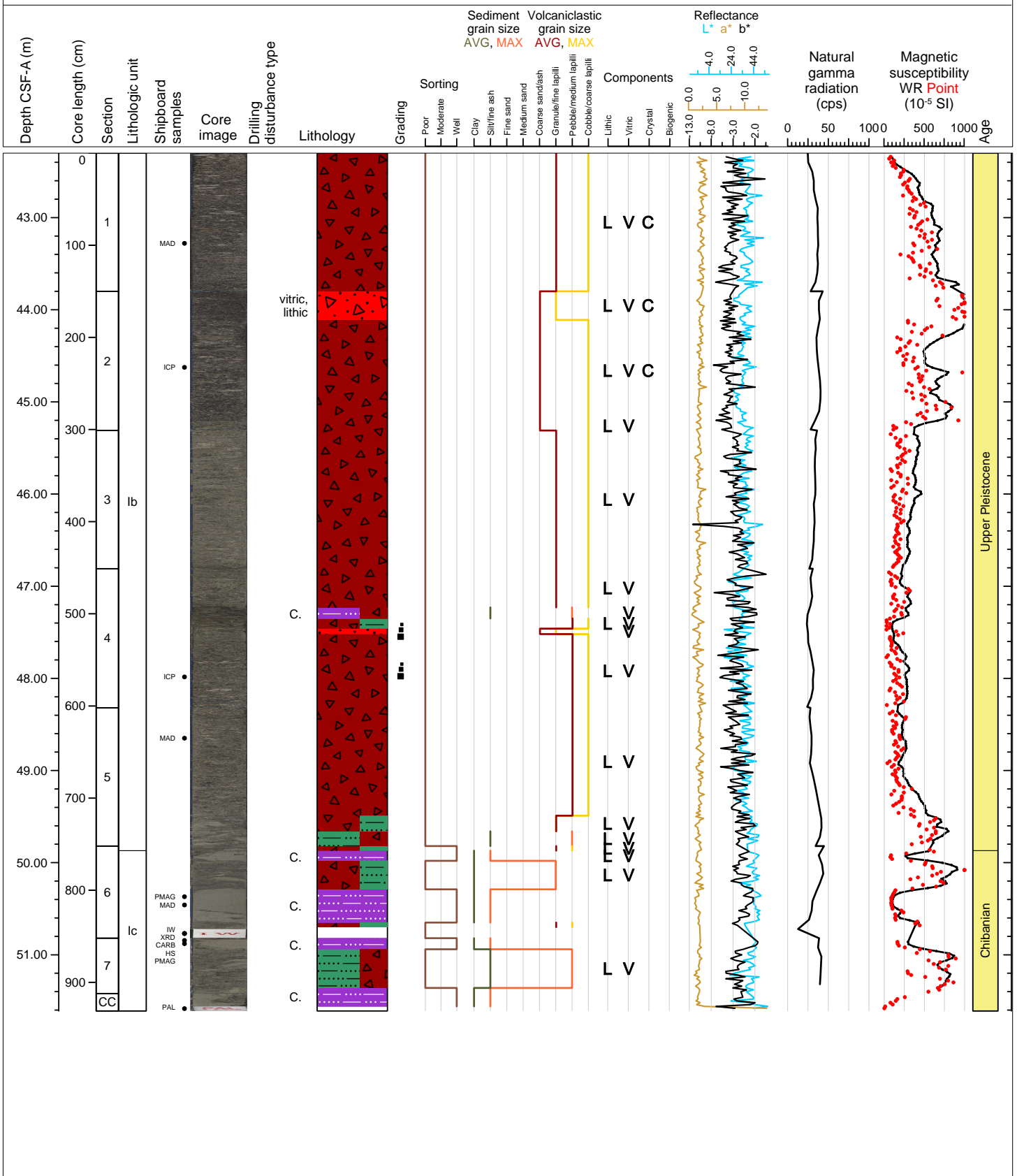
Hole 398-U1590A Core 5H, Interval 32.8-39.3 m (CSF-A)

Lapilli and lapilli-ash



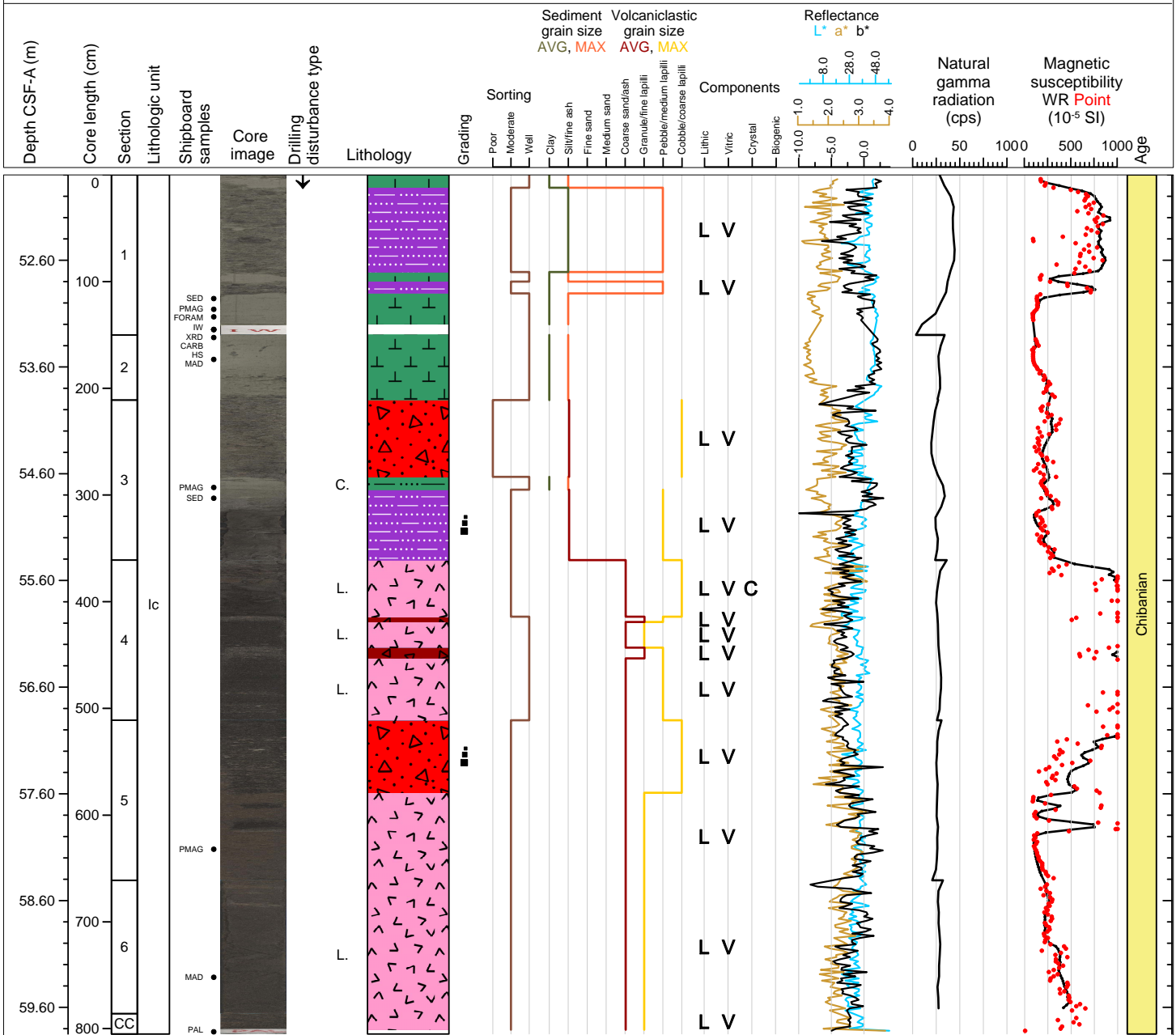
Hole 398-U1590A Core 6H, Interval 42.3-51.61 m (CSF-A)

Calcareous tuffaceous muds, lapilli with mud, lapilli and lapilli-ash



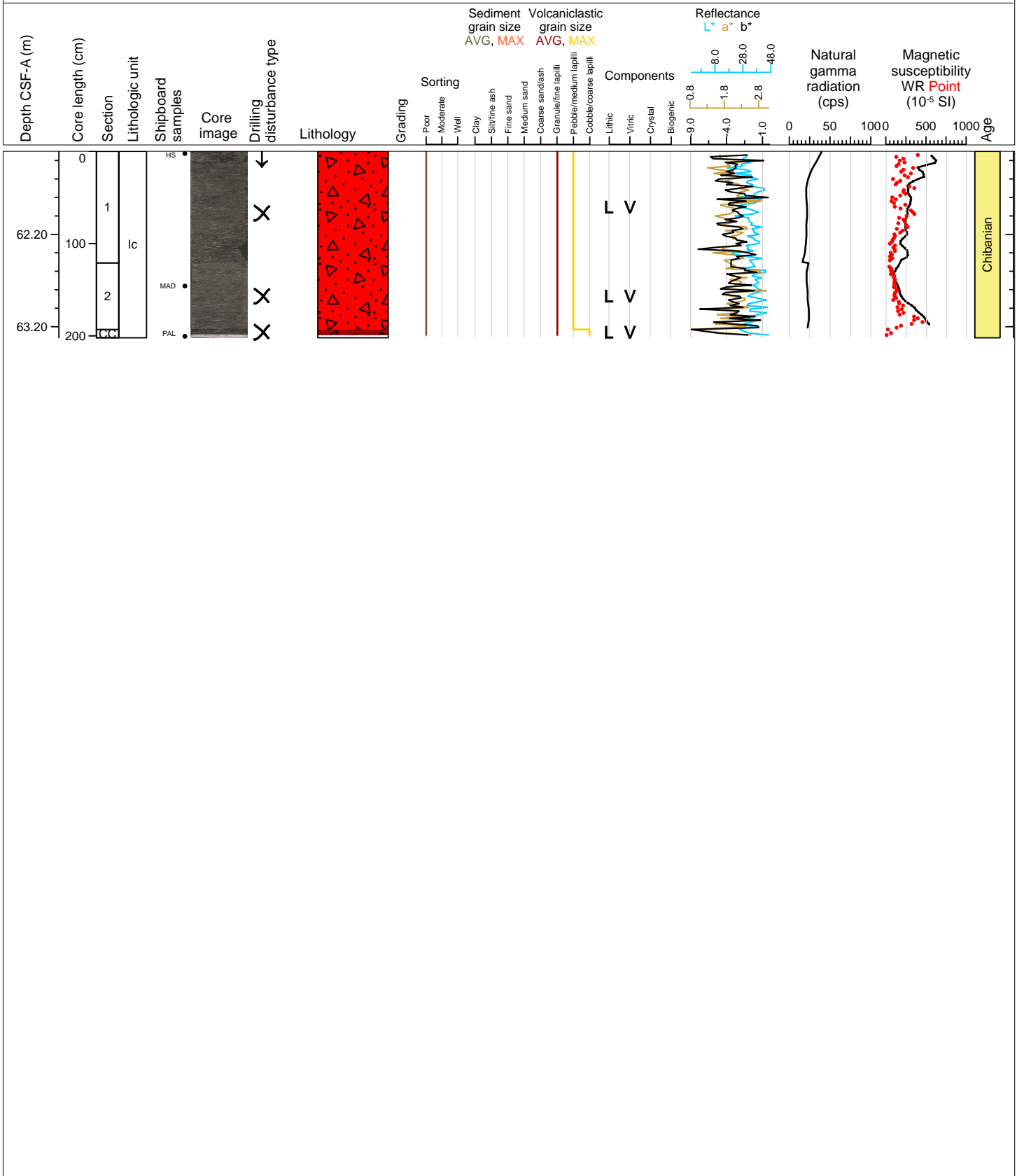
Hole 398-U1590A Core 7H, Interval 51.8-59.85 m (CSF-A)

Lithic ash, tuffaceous mud, lapilli-ash and nannofossil rich mud



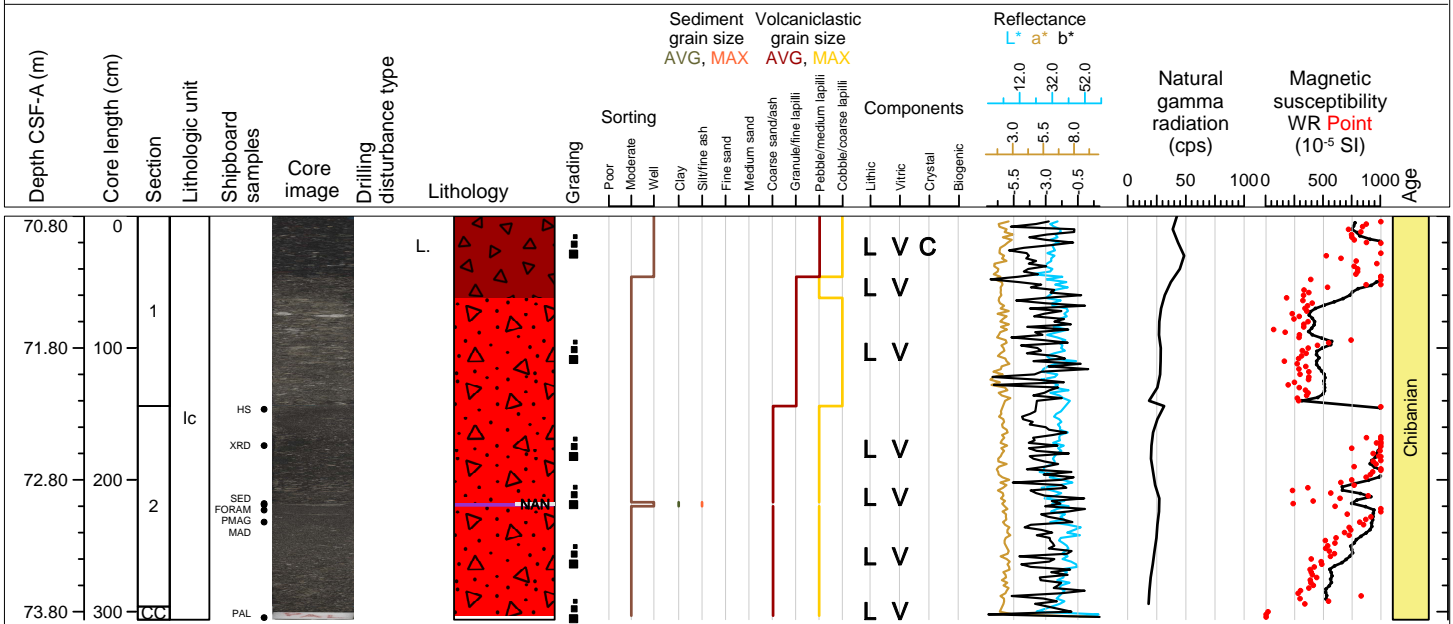
Hole 398-U1590A Core 8H, Interval 61.3-63.32 m (CSF-A)

Lapilli and lapilli-ash



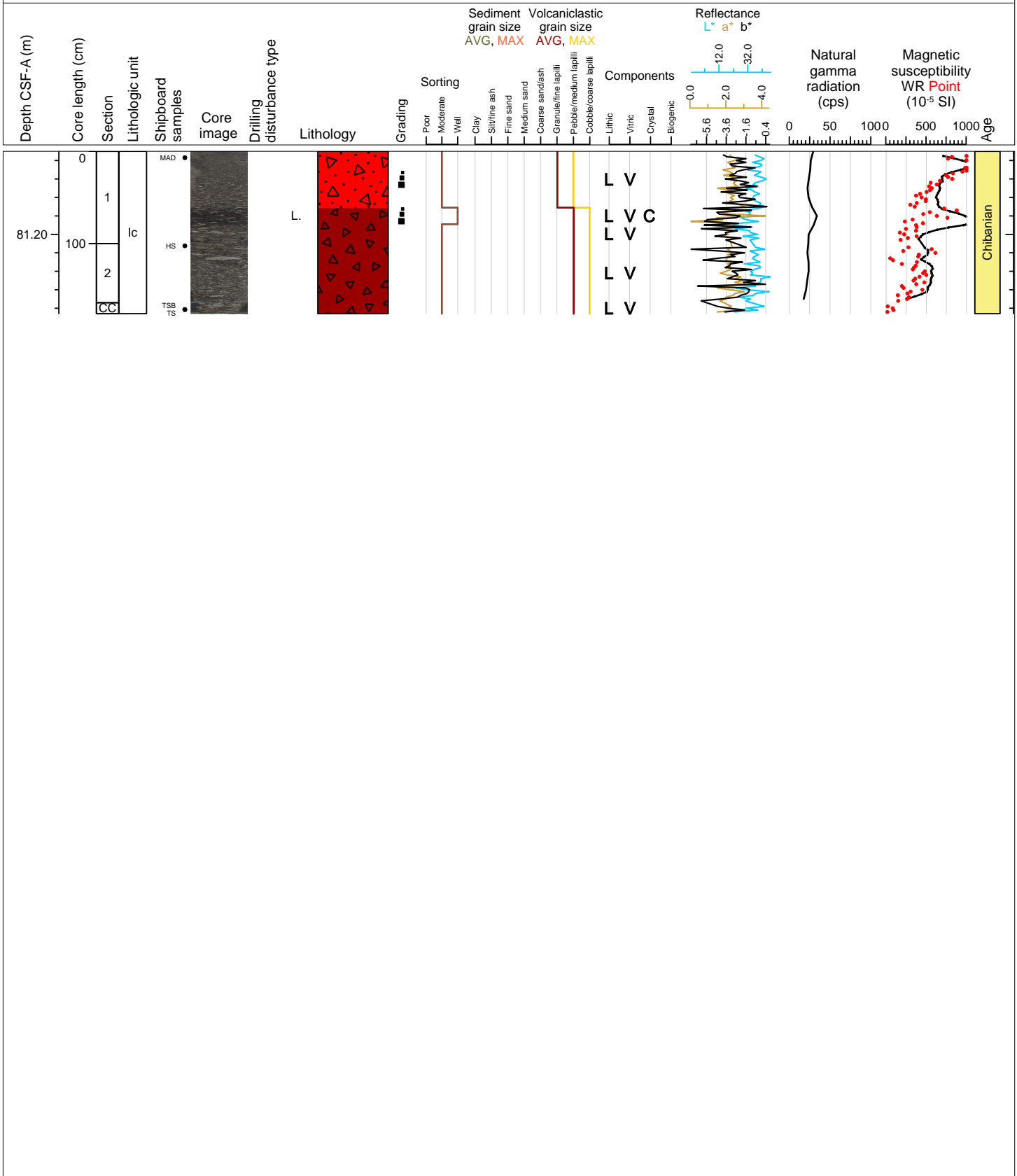
Hole 398-U1590A Core 9H, Interval 70.8-73.86 m (CSF-A)

Lapilli-ash



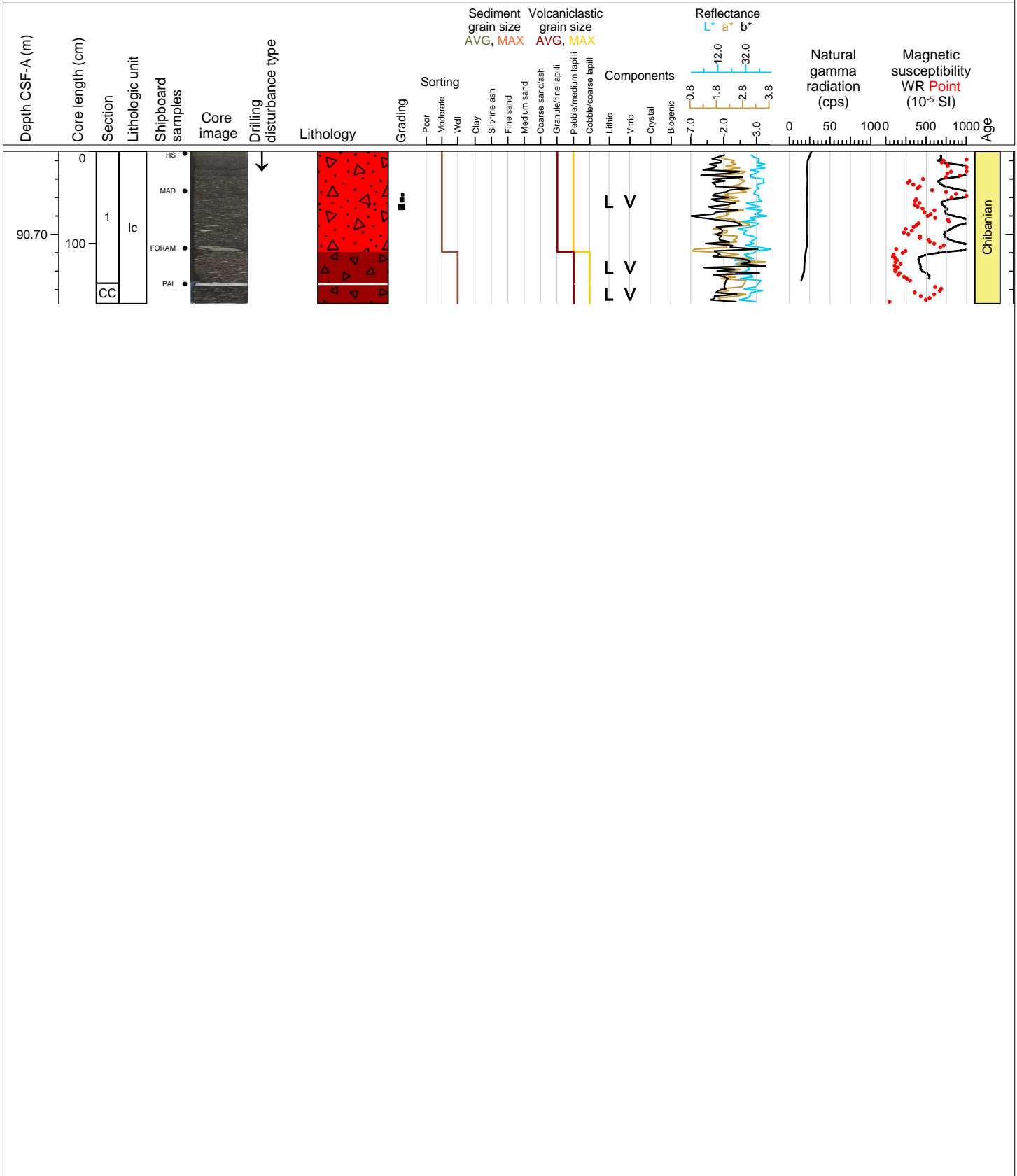
Hole 398-U1590A Core 10H, Interval 80.3-82.06 m (CSF-A)

Lapilli, lithic lapilli and lapilli-ash



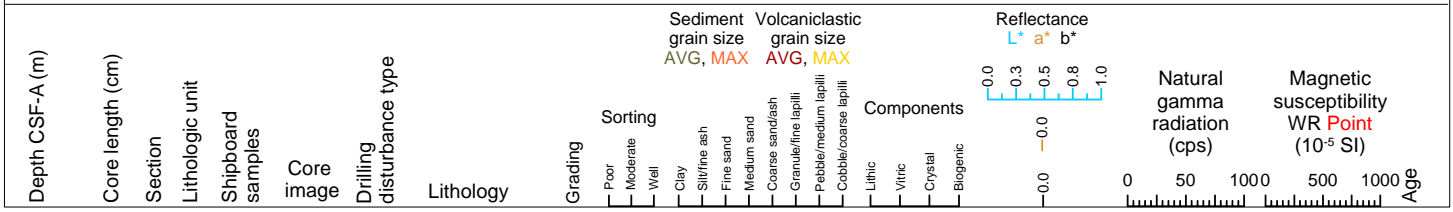
Hole 398-U1590A Core 11H, Interval 89.8-91.45 m (CSF-A)

Lapilli

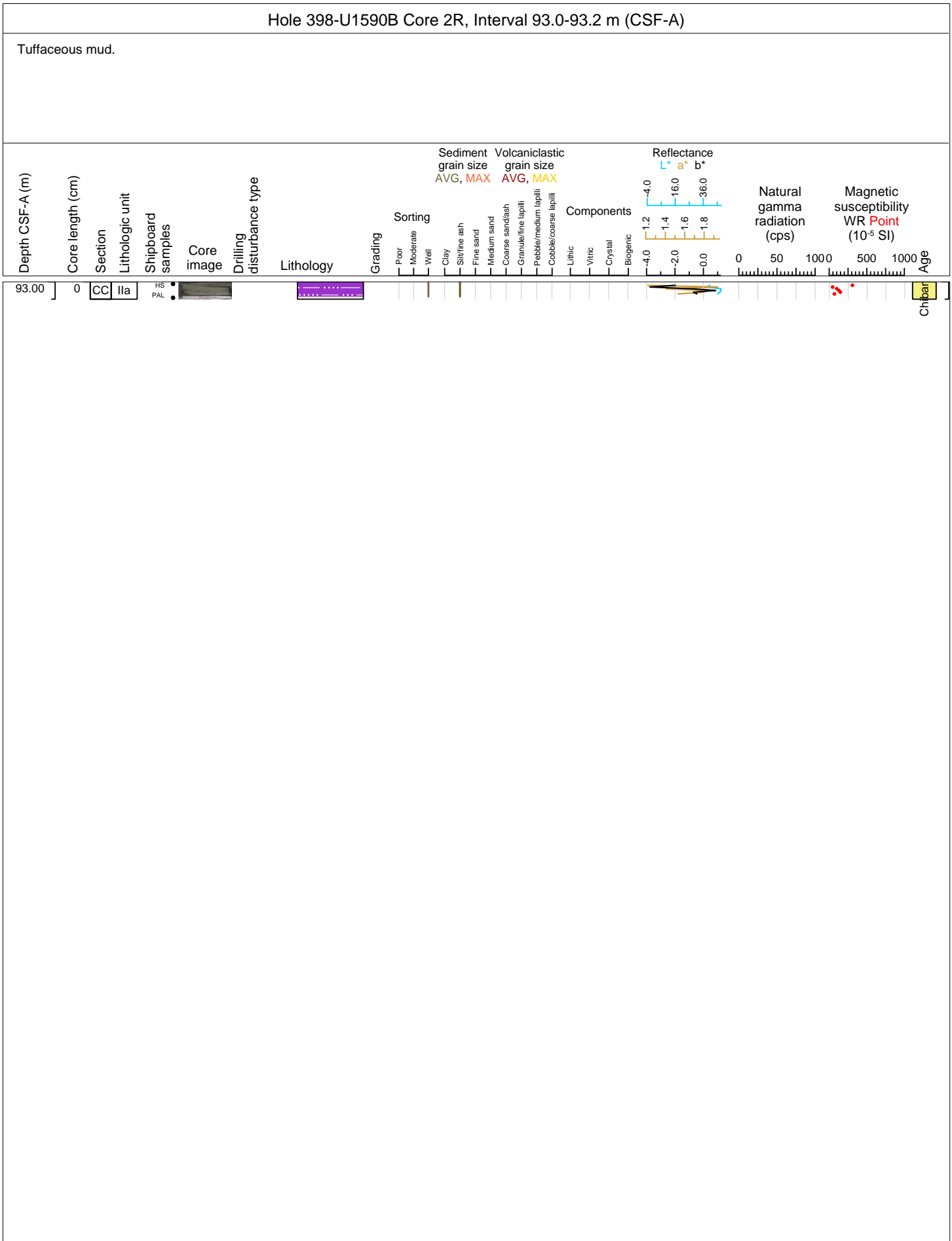


Hole 398-U1590B Core 11, Interval 0.0-0.0 m (CSF-A)

DRILLED INTERVAL 0.00-93.00 m

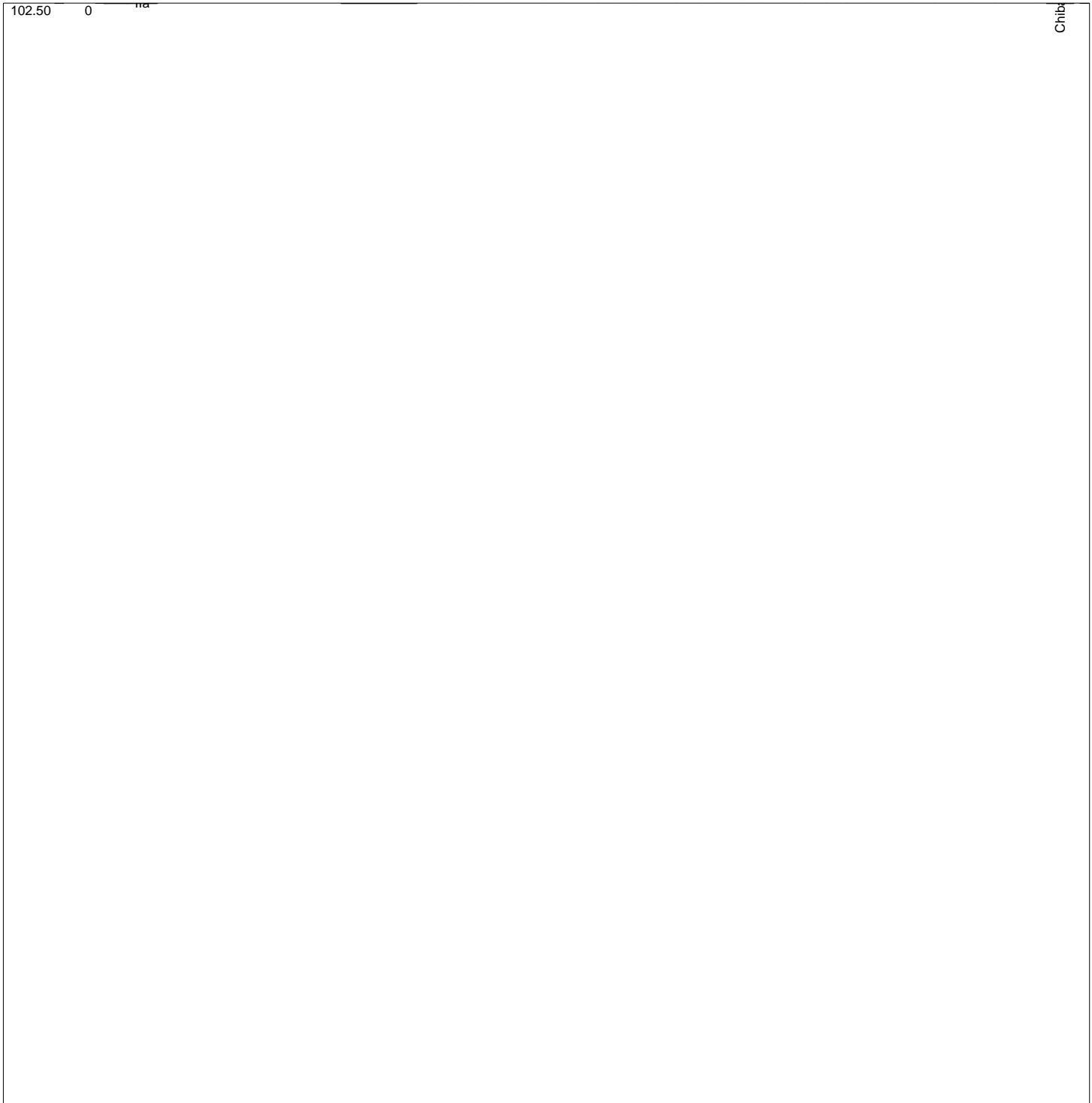
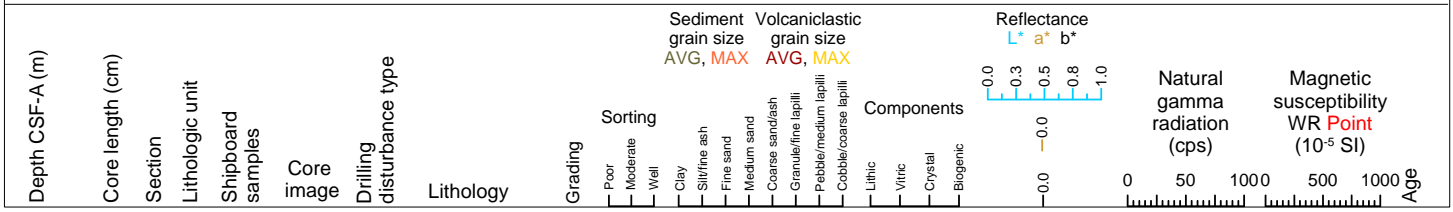






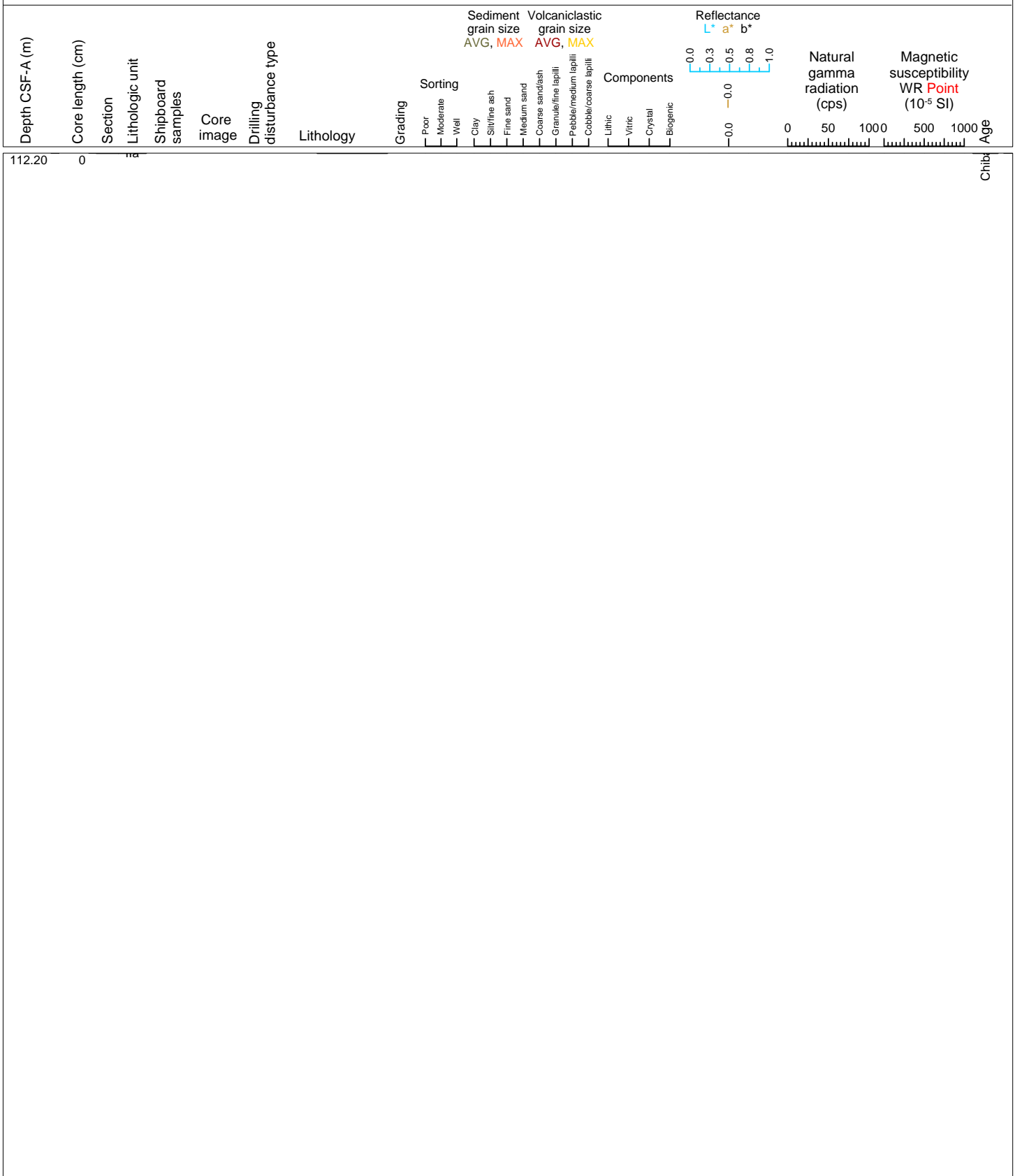
Hole 398-U1590B Core 3R, Interval 102.5-102.5 m (CSF-A)

NO RECOVERY 102.5-112.2 m



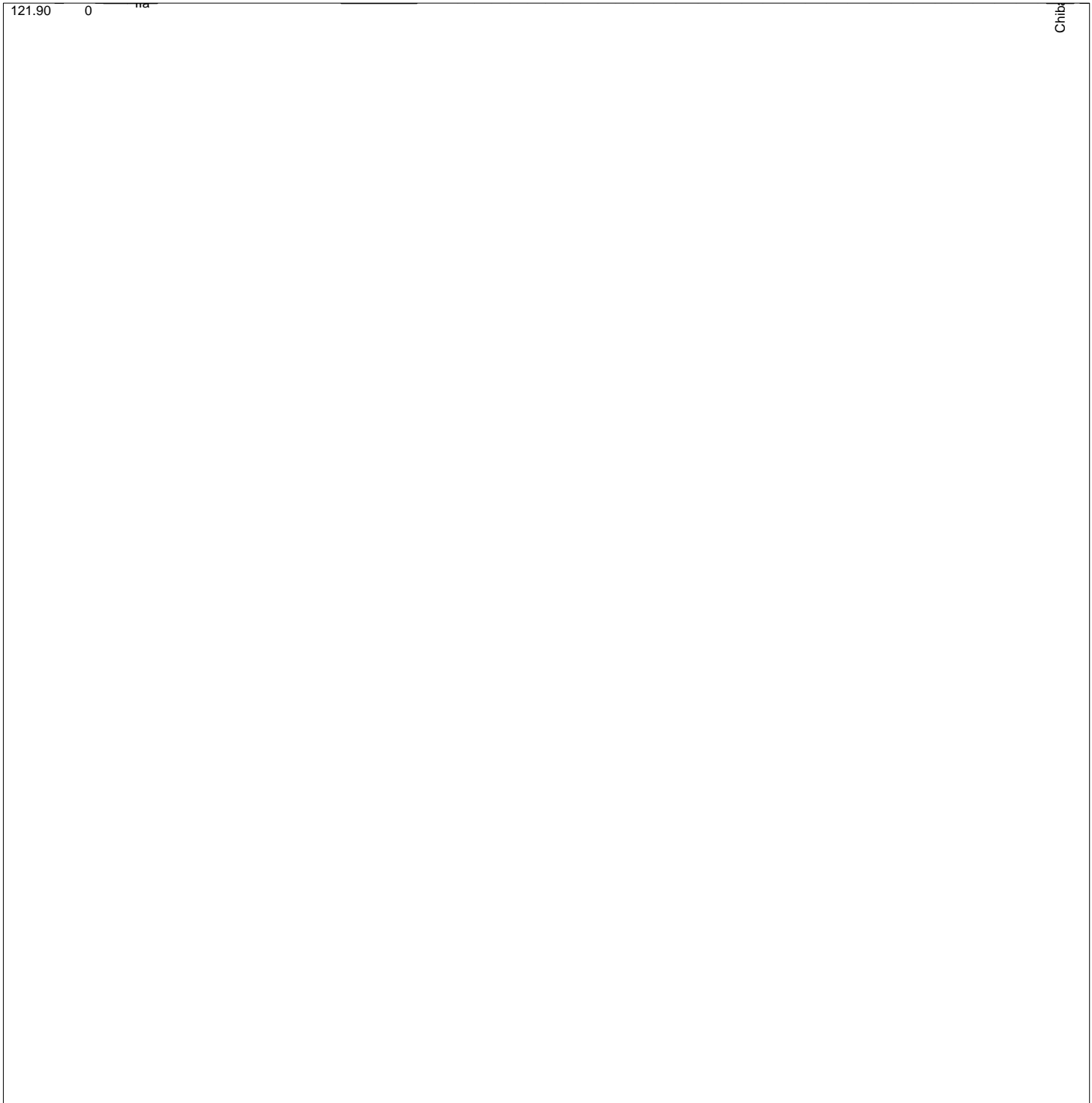
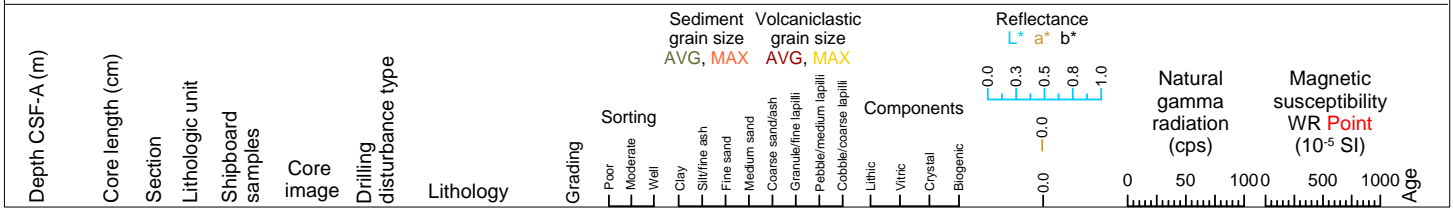
Hole 398-U1590B Core 4R, Interval 112.2-112.2 m (CSF-A)

NO RECOVERY 112.2-121.9 m



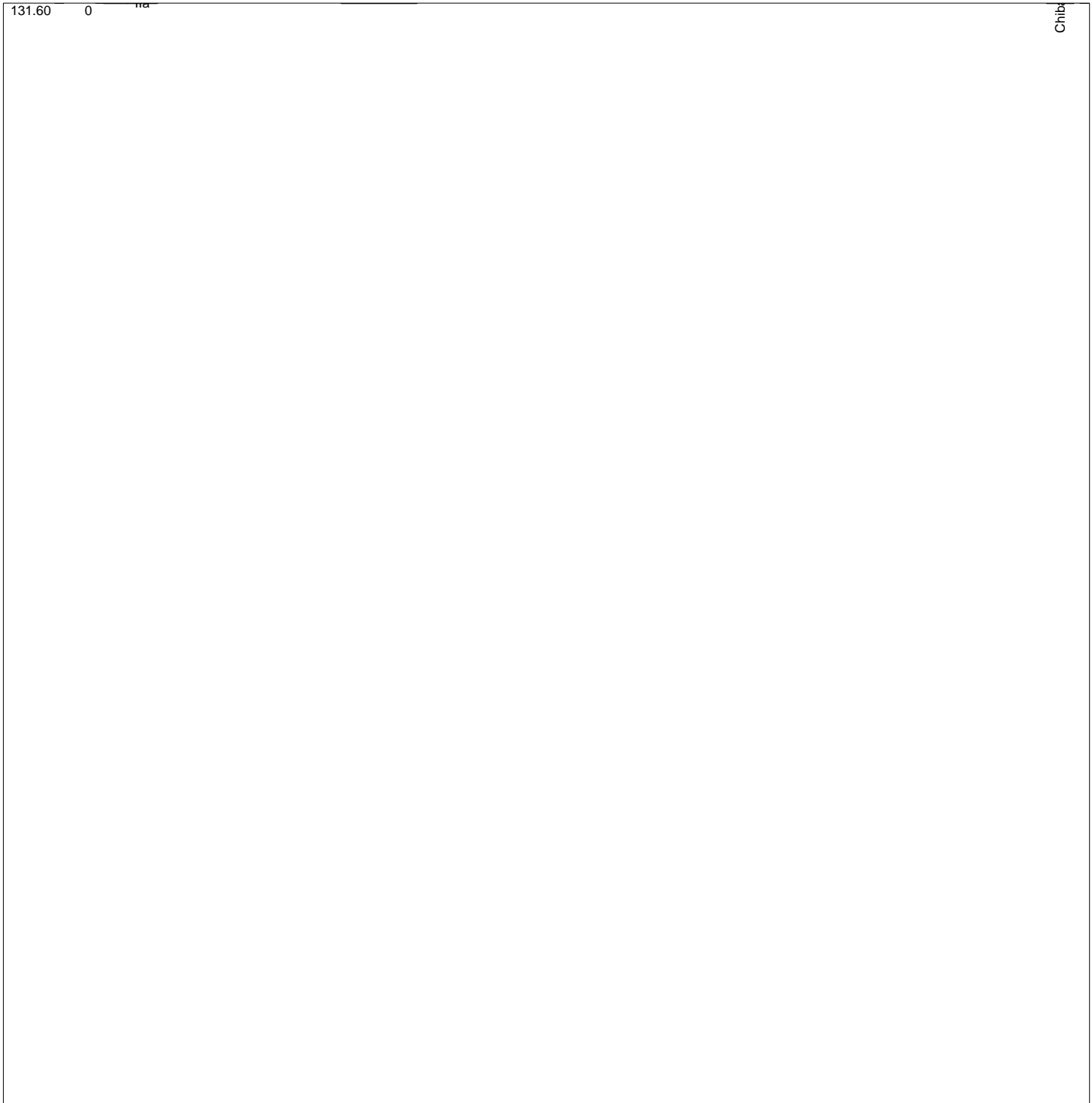
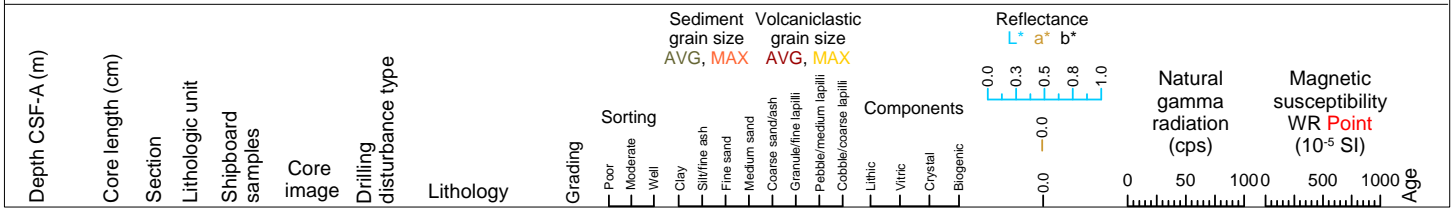
Hole 398-U1590B Core 5R, Interval 121.9-121.9 m (CSF-A)

NO RECOVERY 121.9-131.6 m



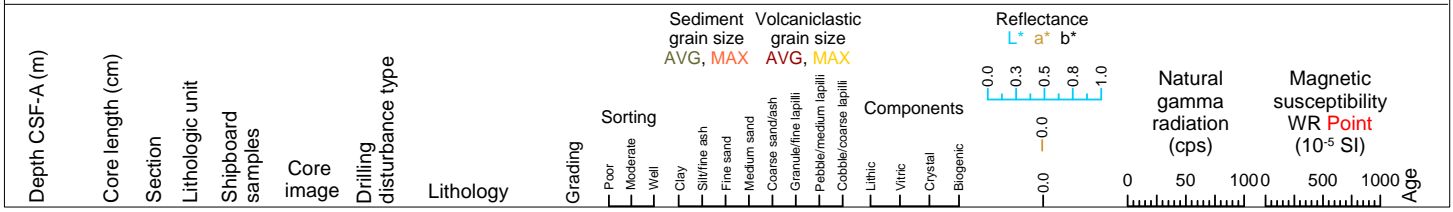
Hole 398-U1590B Core 6R, Interval 131.6-131.6 m (CSF-A)

NO RECOVERY 131.6-141.6 m



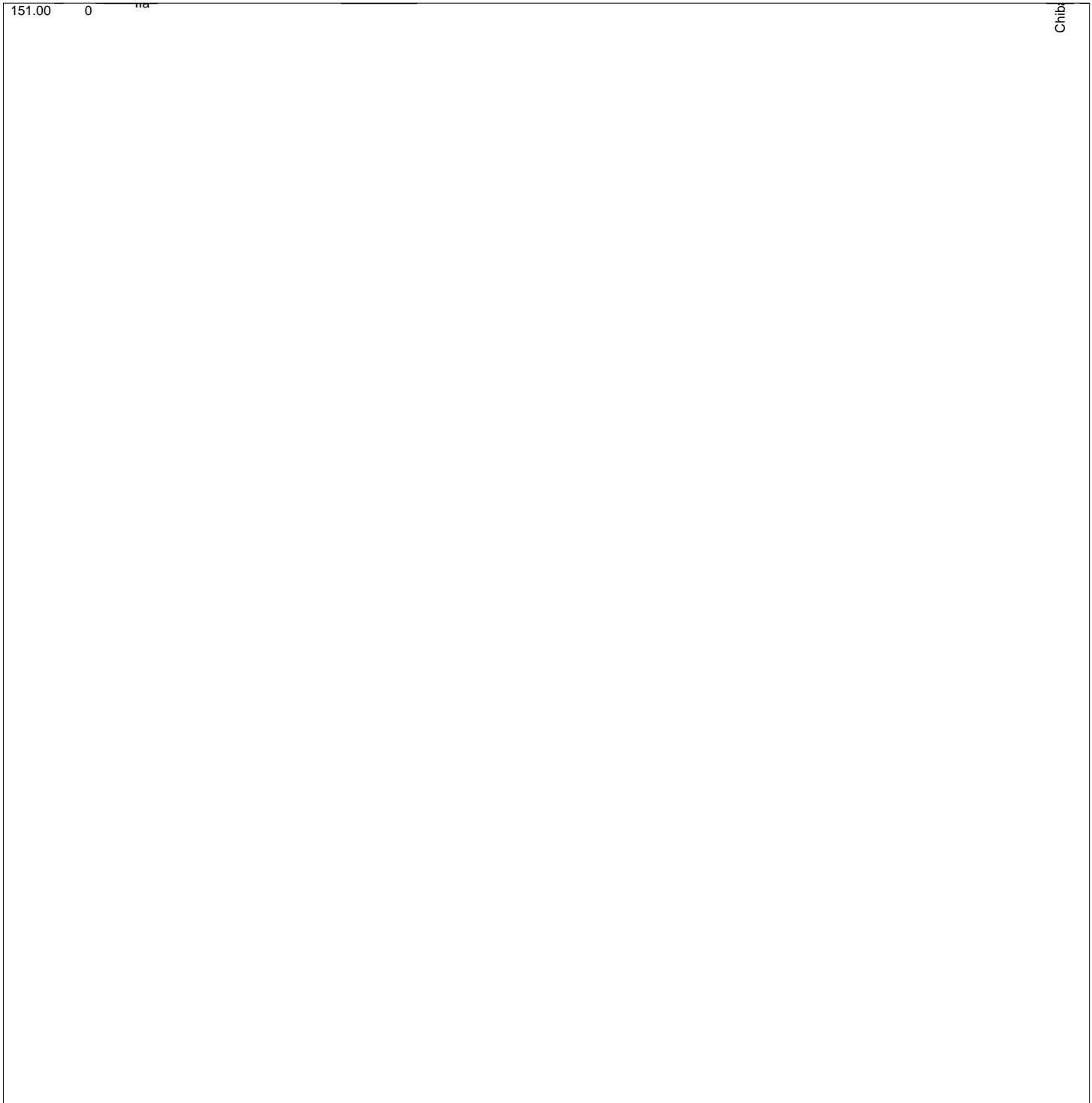
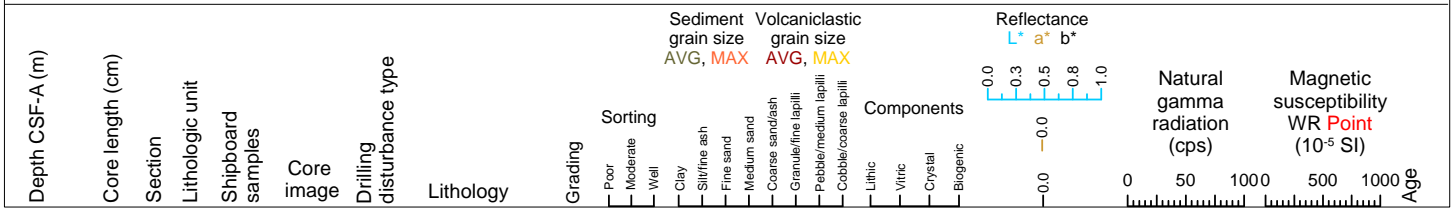
Hole 398-U1590B Core 7R, Interval 141.3-141.3 m (CSF-A)

NO RECOVERY 141.3-151.0 m



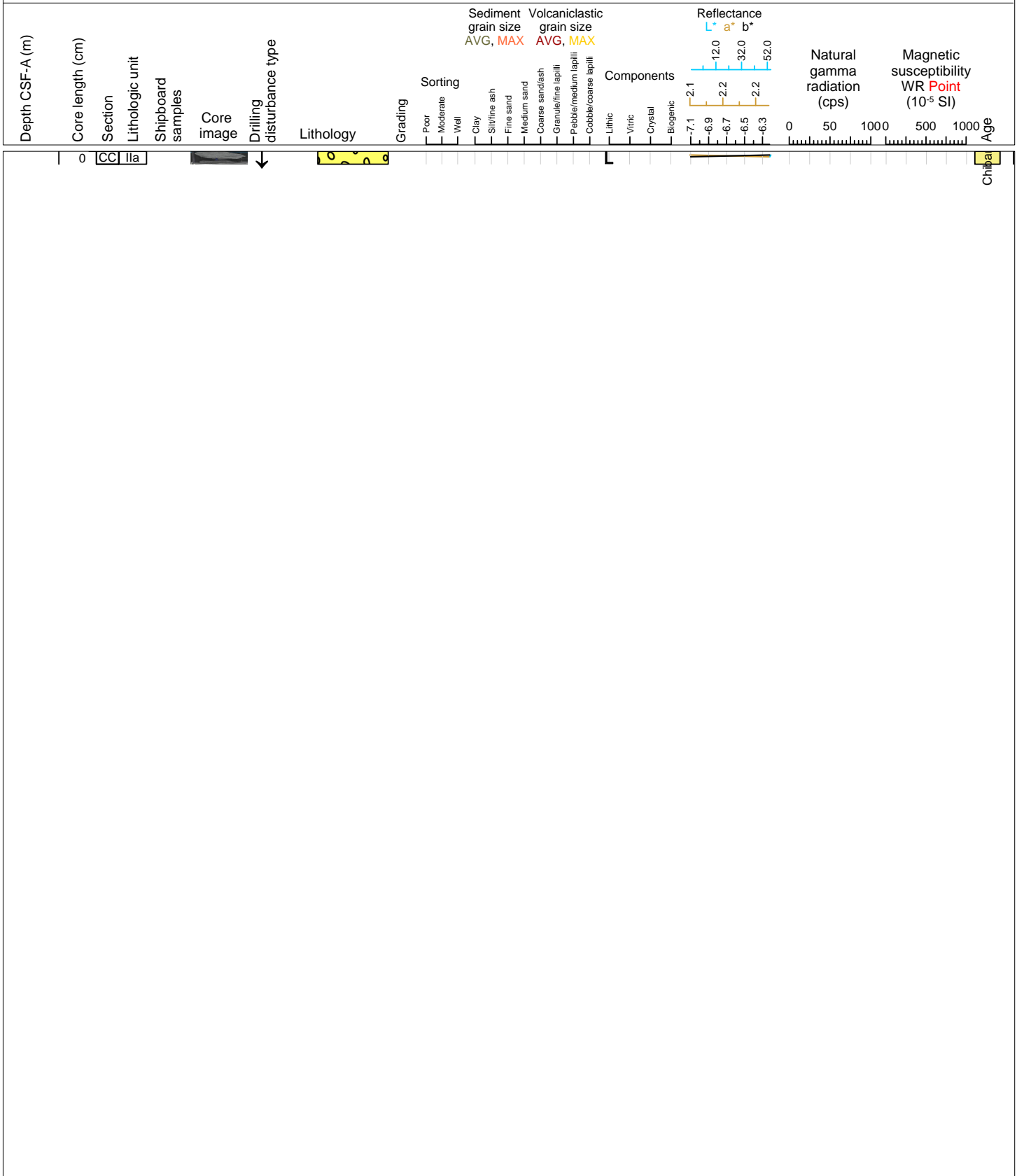
Hole 398-U1590B Core 8R, Interval 151.0-151.0 m (CSF-A)

NO RECOVERY 151.0-160.7 m



Hole 398-U1590B Core 9R, Interval 160.7-160.84 m (CSF-A)

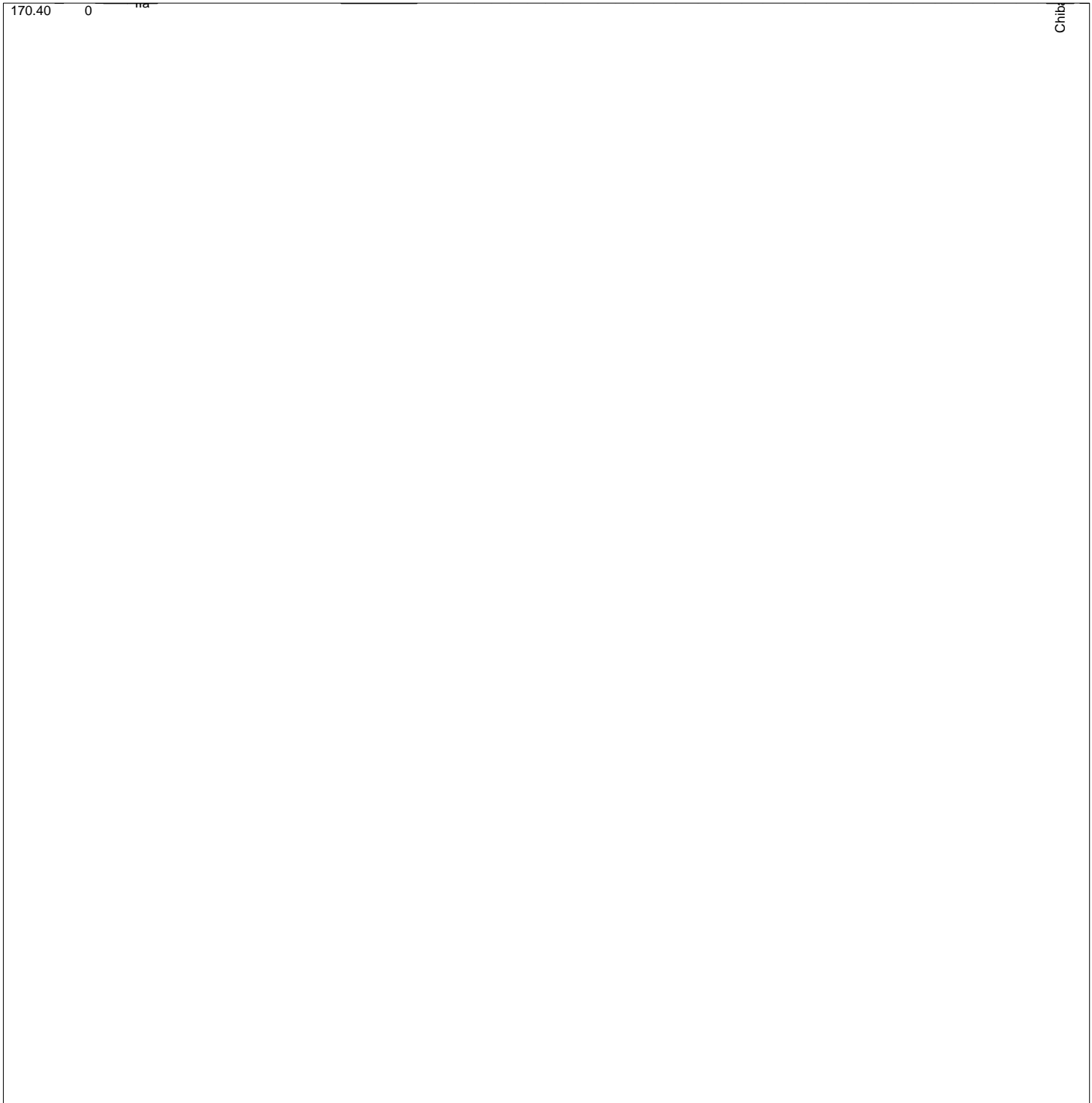
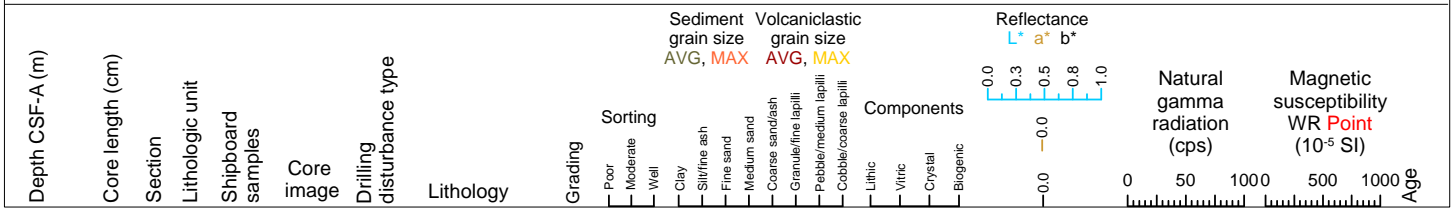
Cobbles of volcanic rock.





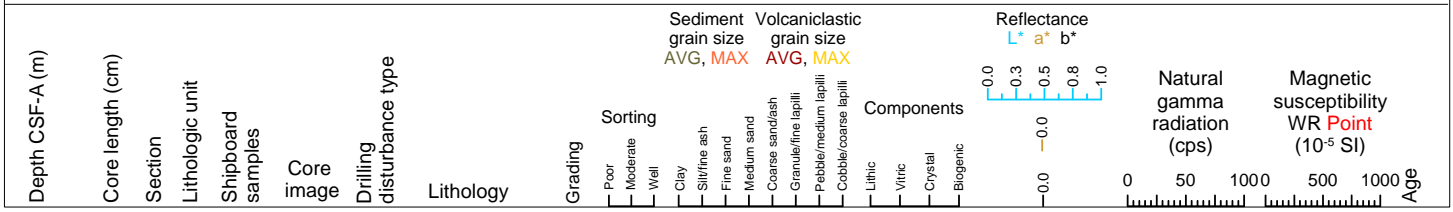
Hole 398-U1590B Core 10R, Interval 170.4-170.4 m (CSF-A)

NO RECOVERY 170.4-180.1 m



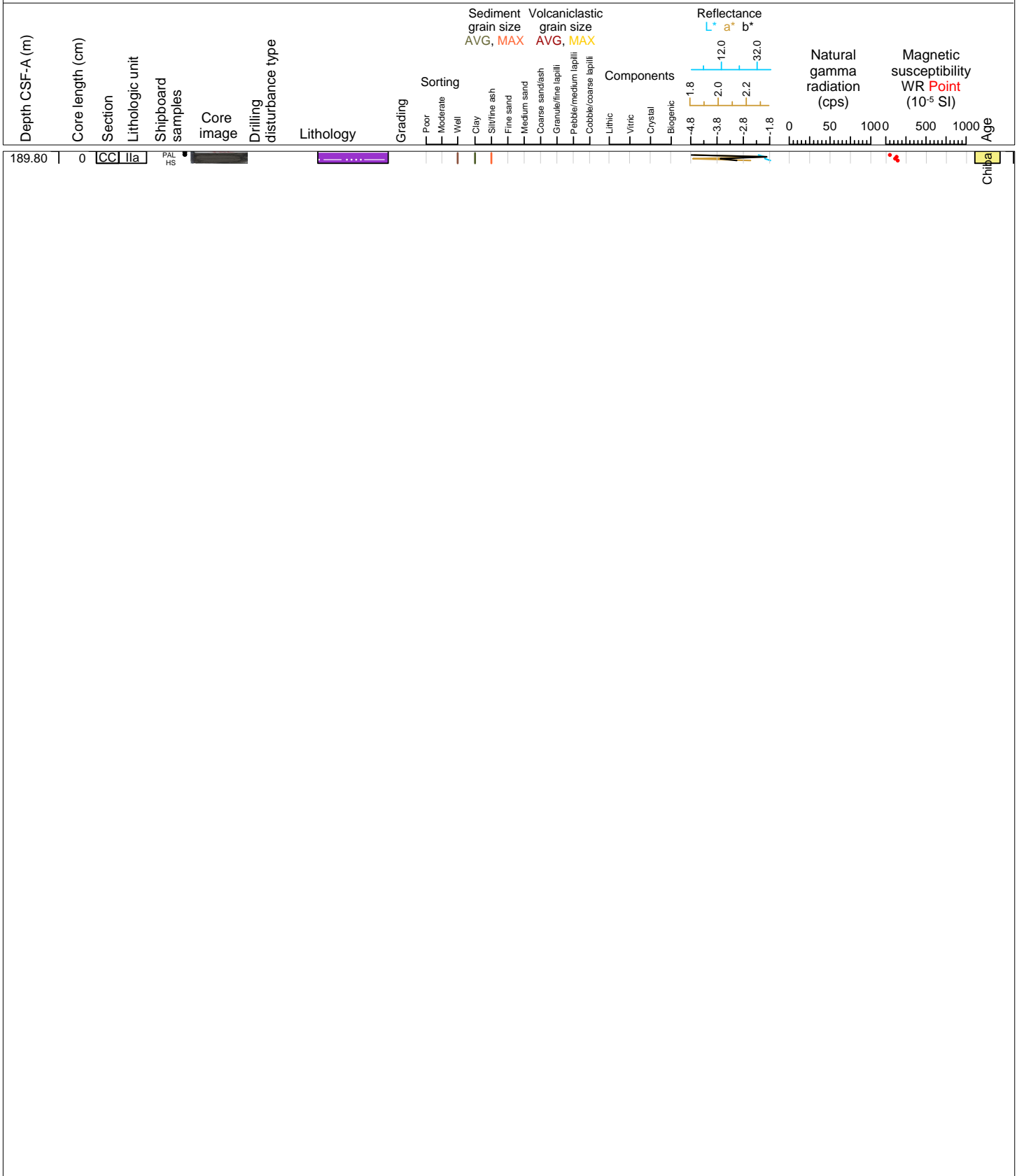
Hole 398-U1590B Core 11R, Interval 180.1-180.1 m (CSF-A)

NO RECOVERY 180.1-189.8 m



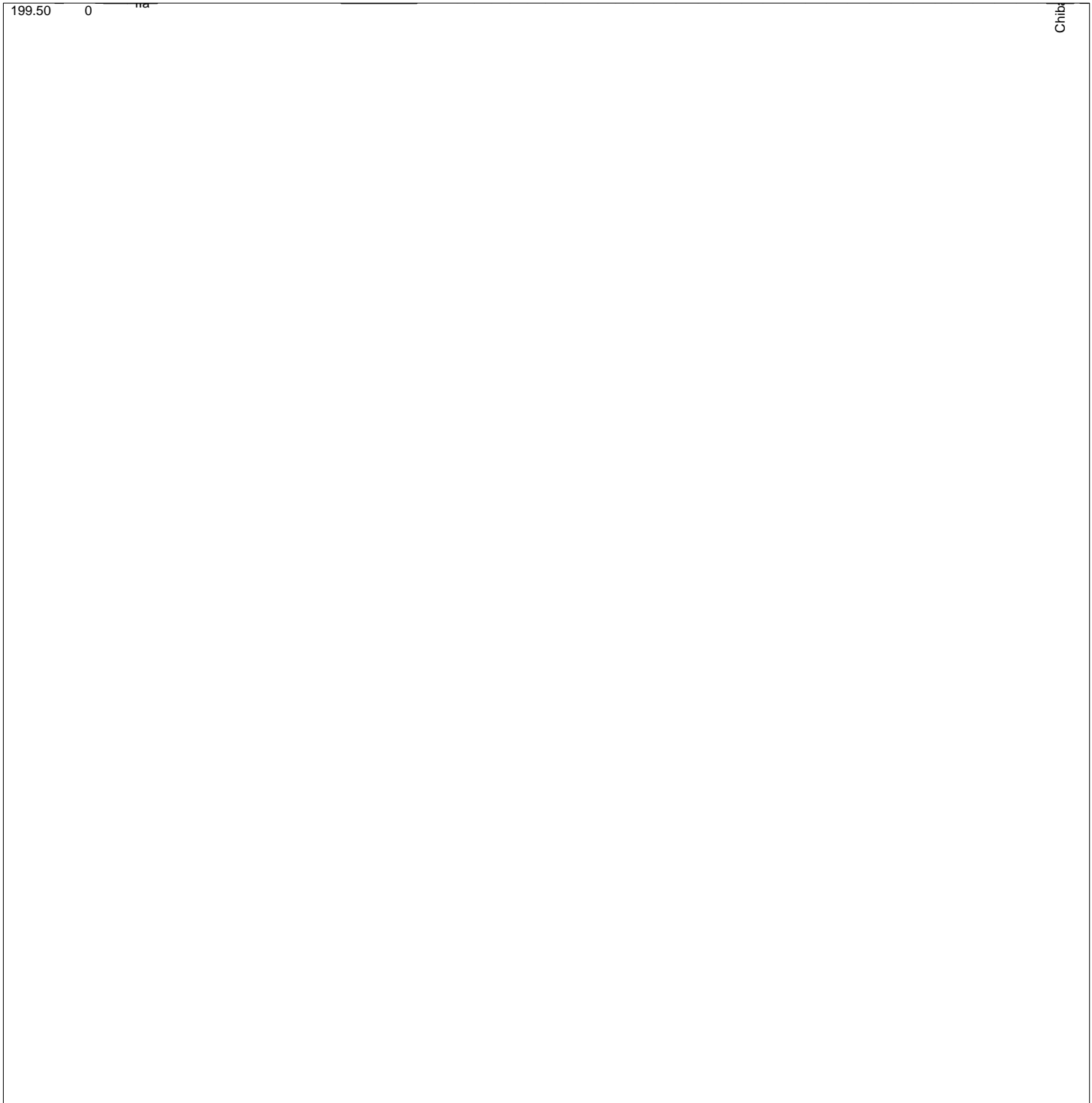
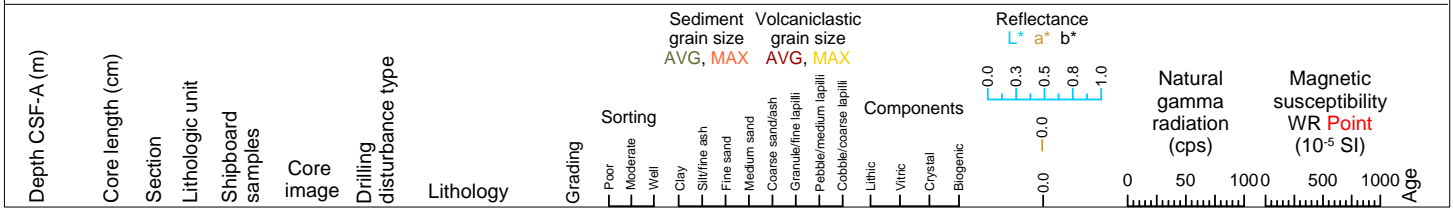
Hole 398-U1590B Core 12R, Interval 189.8-189.93 m (CSF-A)

Tuffaceous mud.



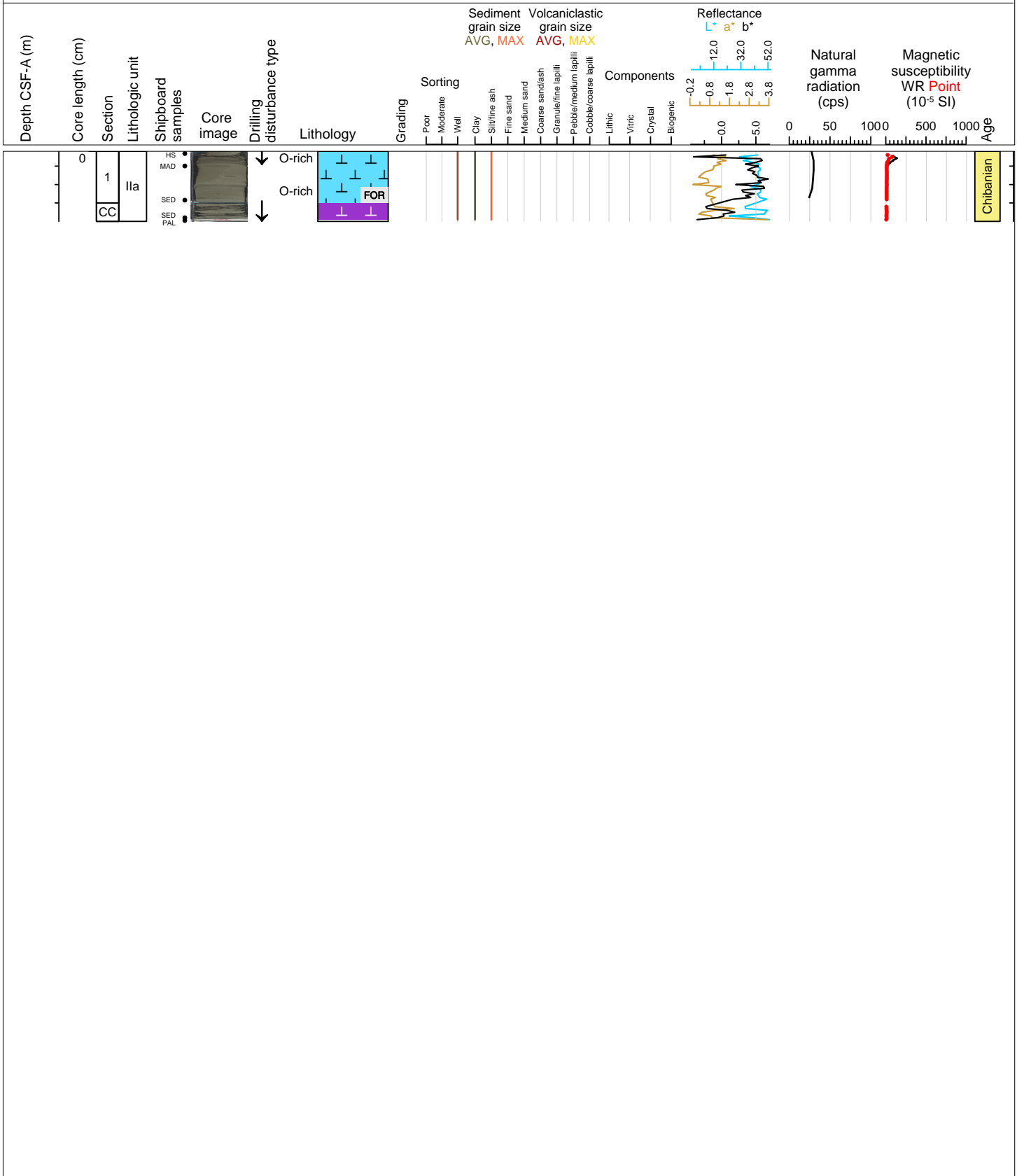
Hole 398-U1590B Core 13R, Interval 199.5-199.5 m (CSF-A)

NO RECOVERY 199.5-209.2 m



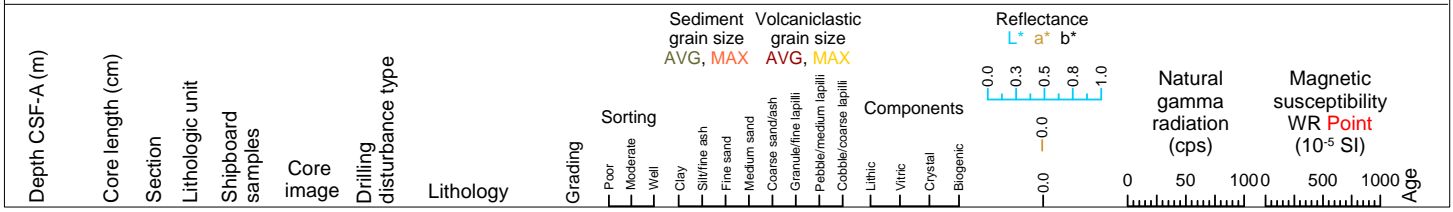
Hole 398-U1590B Core 14R, Interval 209.2-209.96 m (CSF-A)

Organic rich ooze, ooze and tuffaceous ooze.



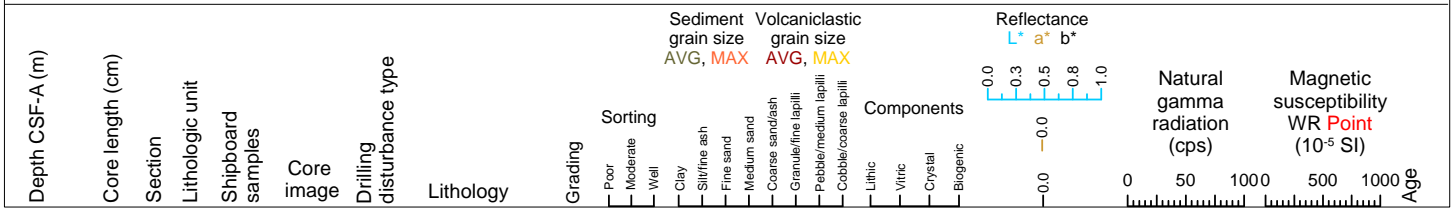
Hole 398-U1590B Core 15R, Interval 218.9-218.9 m (CSF-A)

NO RECOVERY 218.9-228.6 m



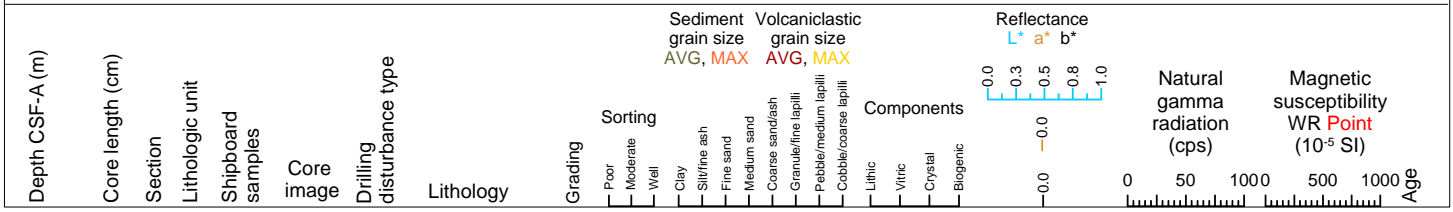
Hole 398-U1590B Core 16R, Interval 228.6-228.6 m (CSF-A)

NO RECOVERY 228.6-238.3 m



Hole 398-U1590B Core 17R, Interval 238.3-238.3 m (CSF-A)

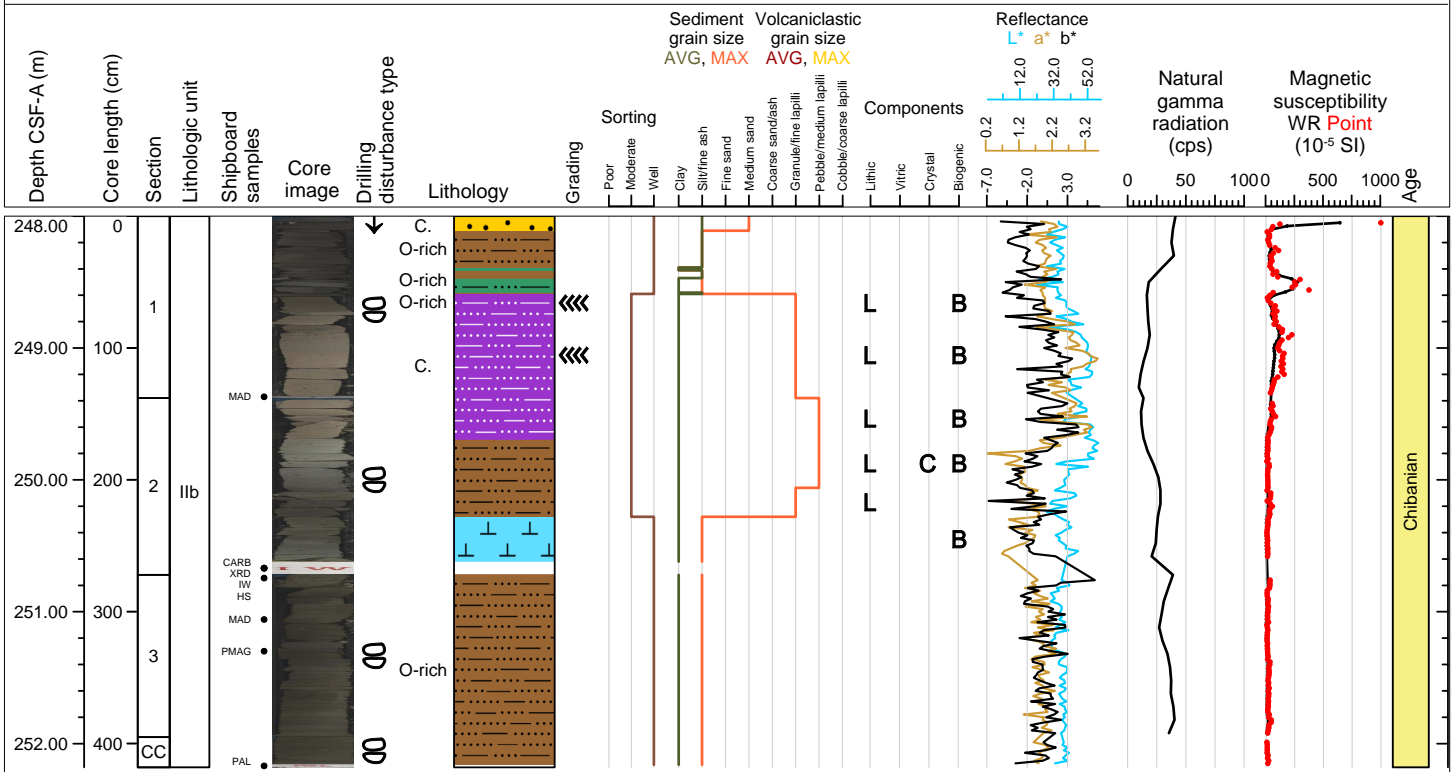
NO RECOVERY 238.3-248.0 m





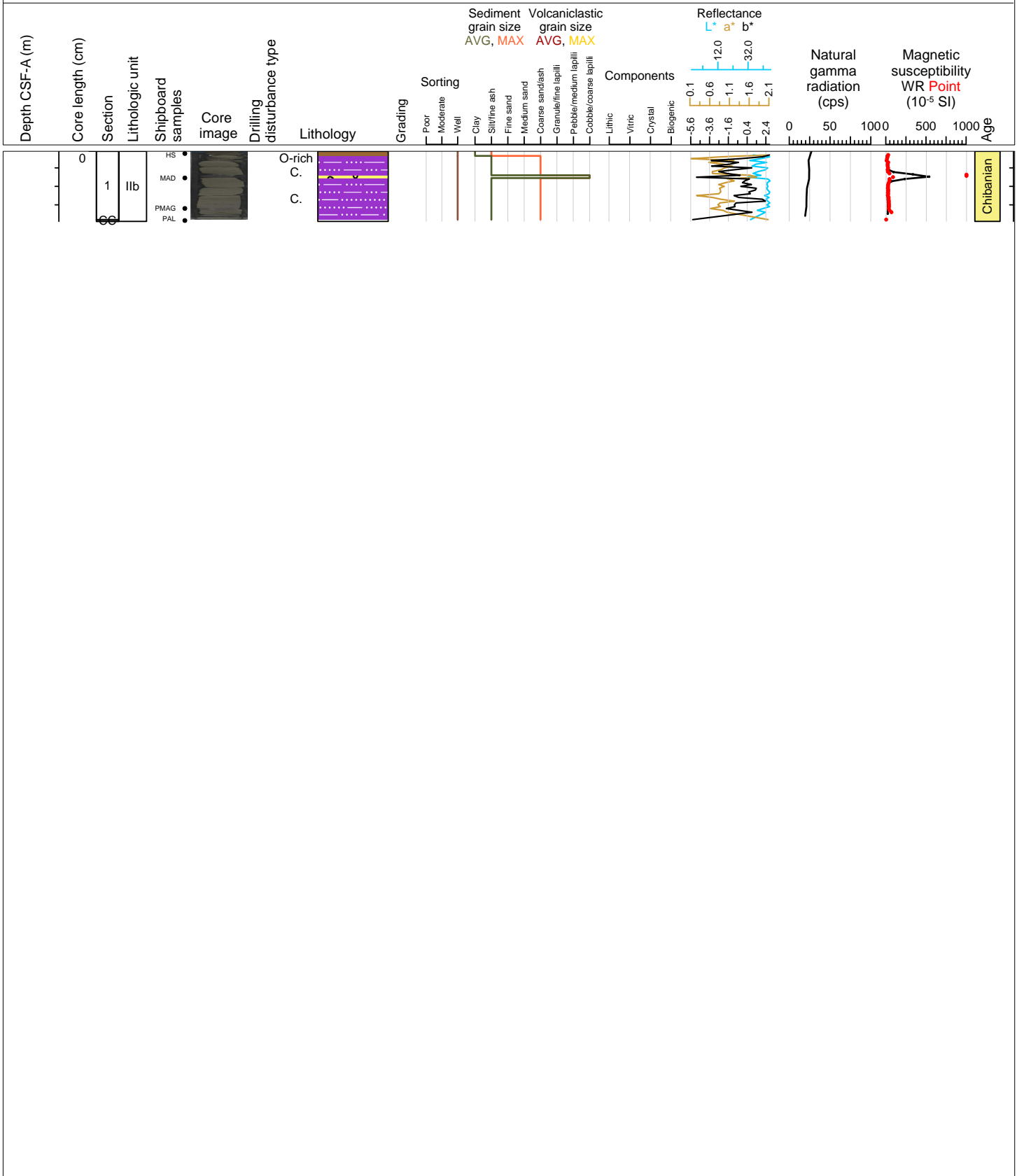
Hole 398-U1590B Core 18R, Interval 248.0-252.18 m (CSF-A)

Calcareous sand, organic rich calcareous mud, mud, calcareous tuffaceous mud and ooze.



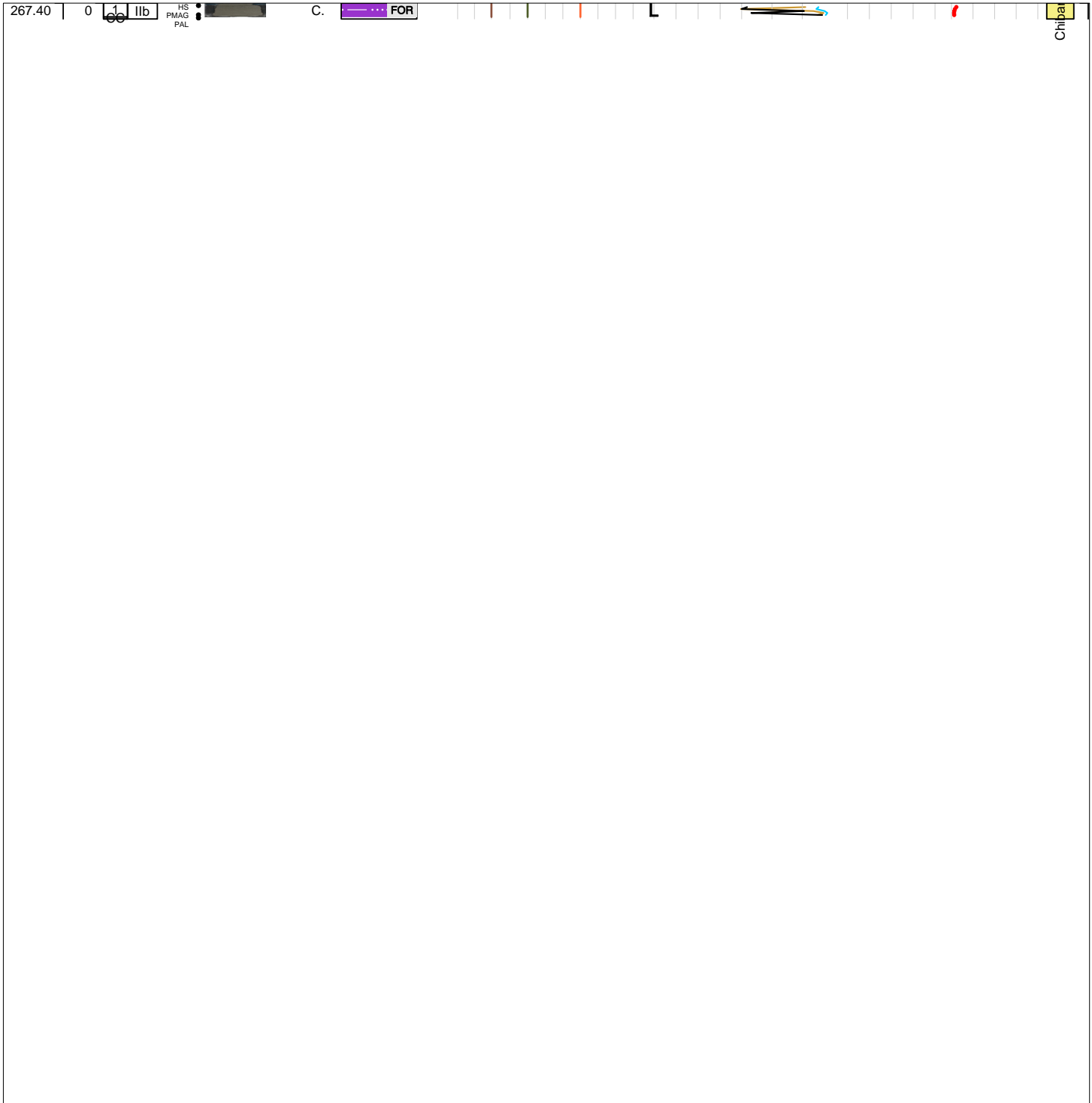
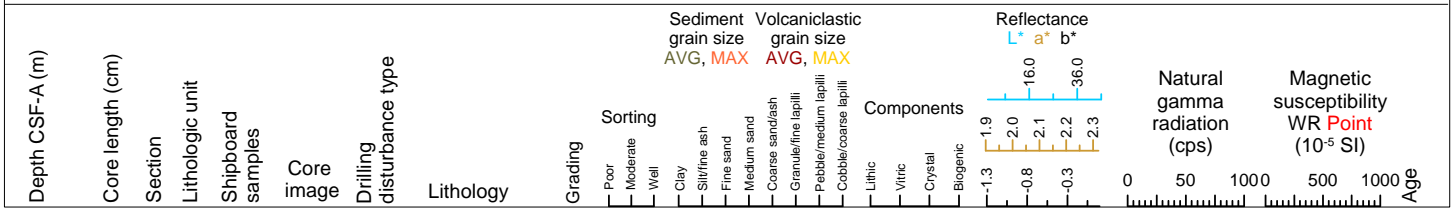
Hole 398-U1590B Core 19R, Interval 257.7-258.46 m (CSF-A)

Organic rich calcareous mud, calcareous tuffaceous mud and volcanic cobble.



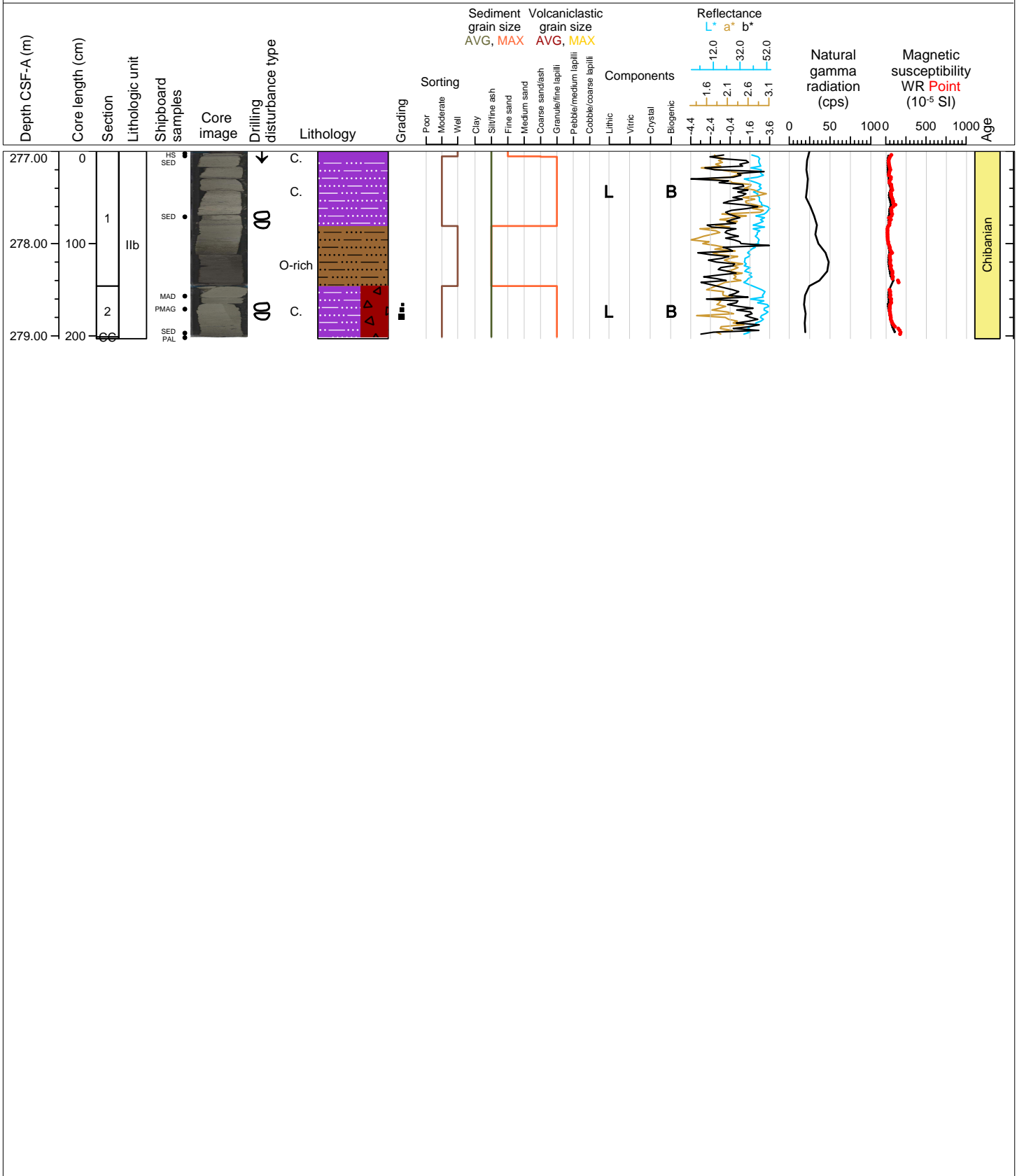
Hole 398-U1590B Core 20R, Interval 267.4-267.56 m (CSF-A)

Calcareous tuffaceous mud with foraminifera.



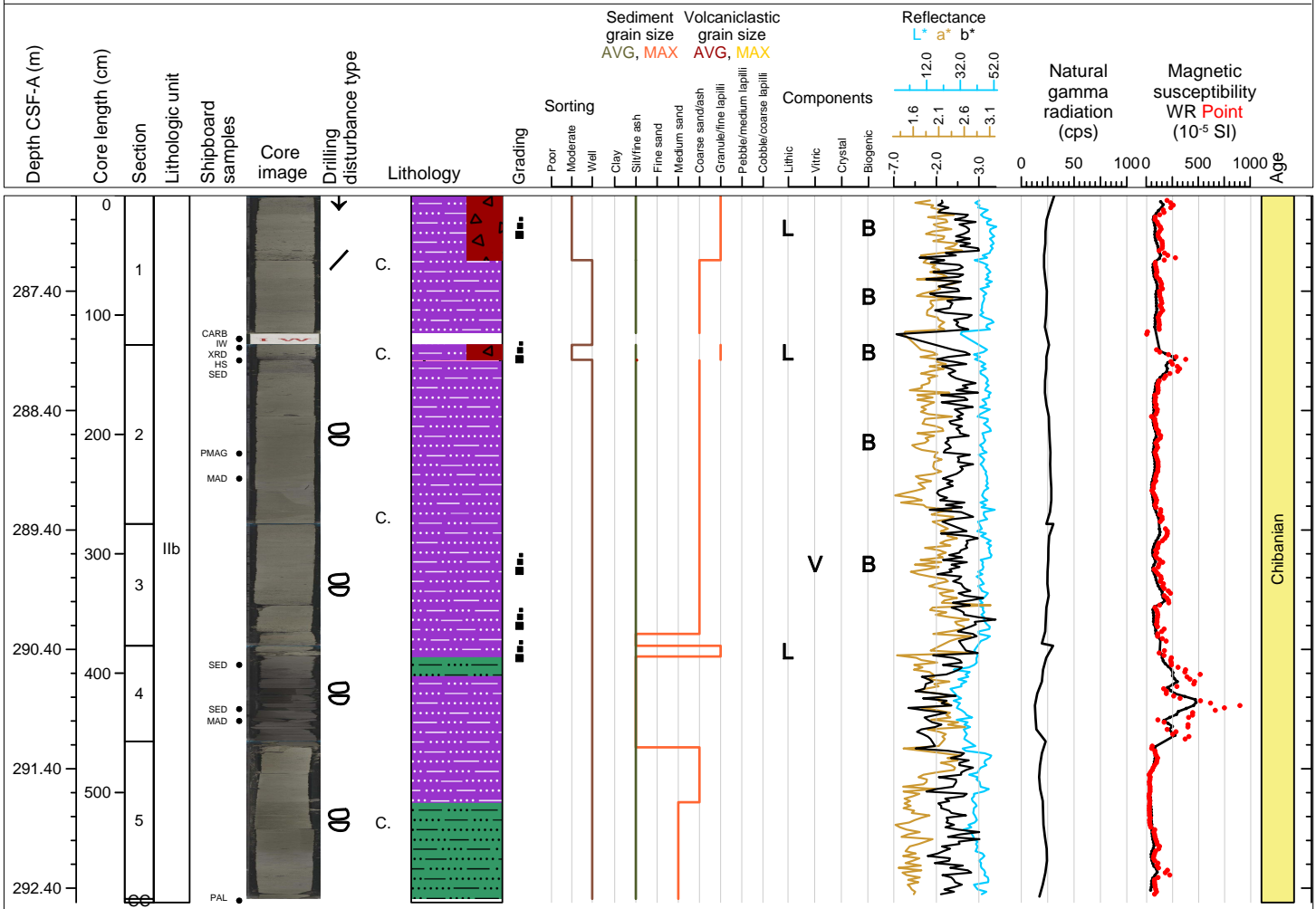
Hole 398-U1590B Core 21R, Interval 277.0-279.03 m (CSF-A)

Calcareous tuffaceous mud, calcareous mud and organic rich calcareous mud.



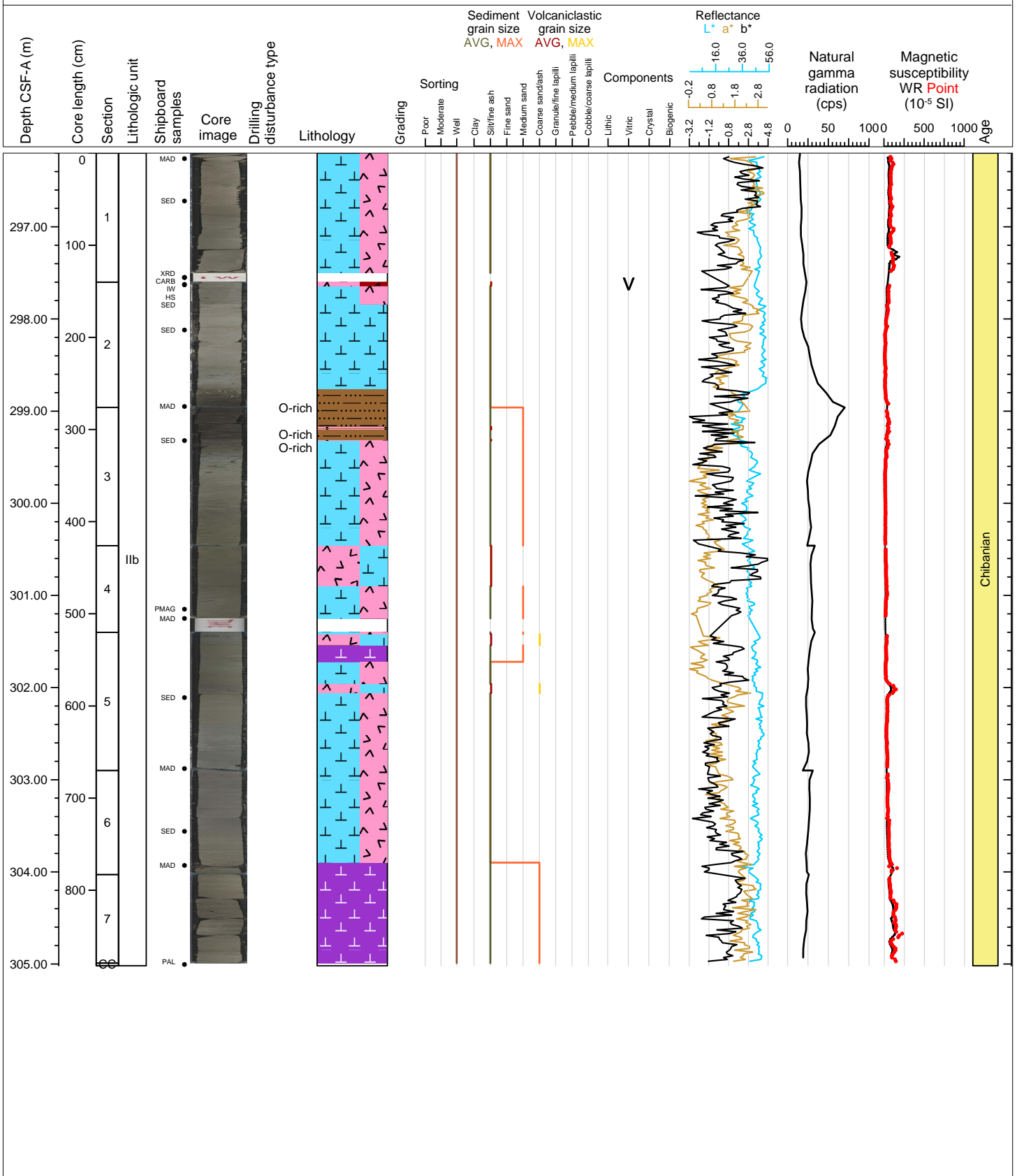
Hole 398-U1590B Core 22R, Interval 286.6-292.52 m (CSF-A)

Calcareous tuffaceous mud, calcareous mud and ash.



Hole 398-U1590B Core 23R, Interval 296.2-305.02 m (CSF-A)

Ooze with ash, ash with lapilli, organic rich calcareous mud, and tuffaceous ooze.



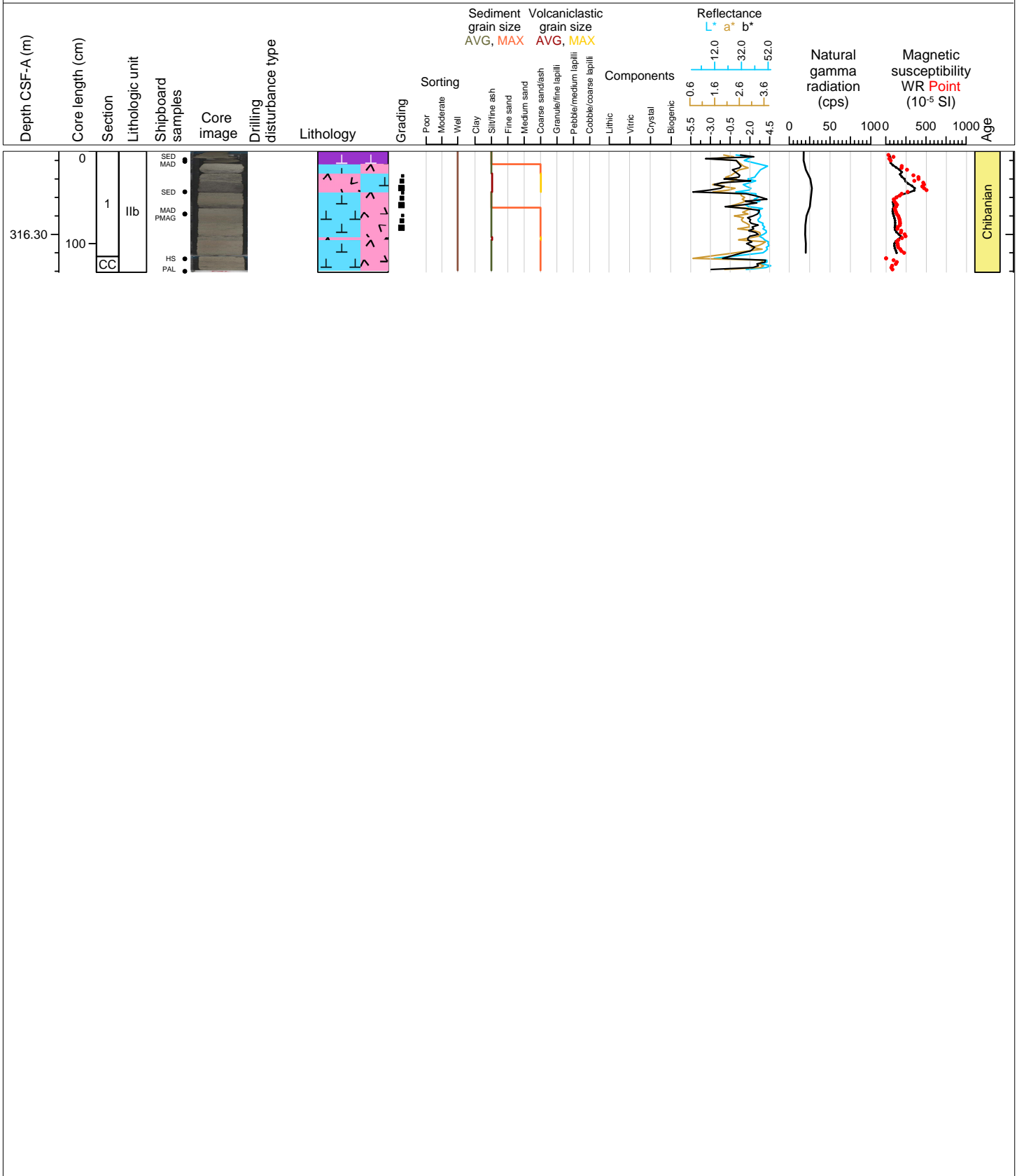
Hole 398-U1590B Core 24R, Interval 305.8-306.43 m (CSF-A)

Tuffaceous ooze.



Hole 398-U1590B Core 25R, Interval 315.4-316.71 m (CSF-A)

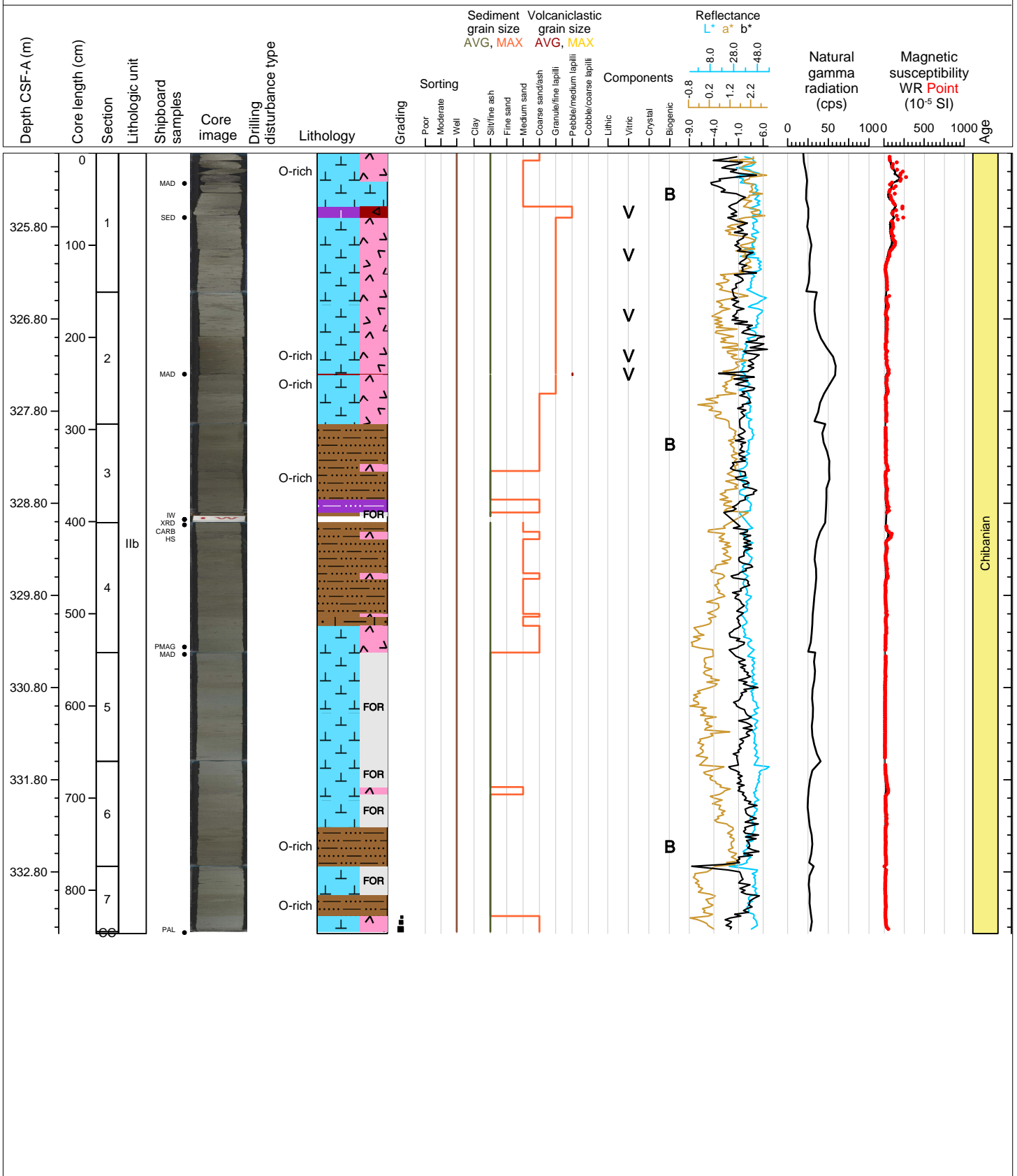
Tuffaceous ooze, ooze with ash and ash with ooze.





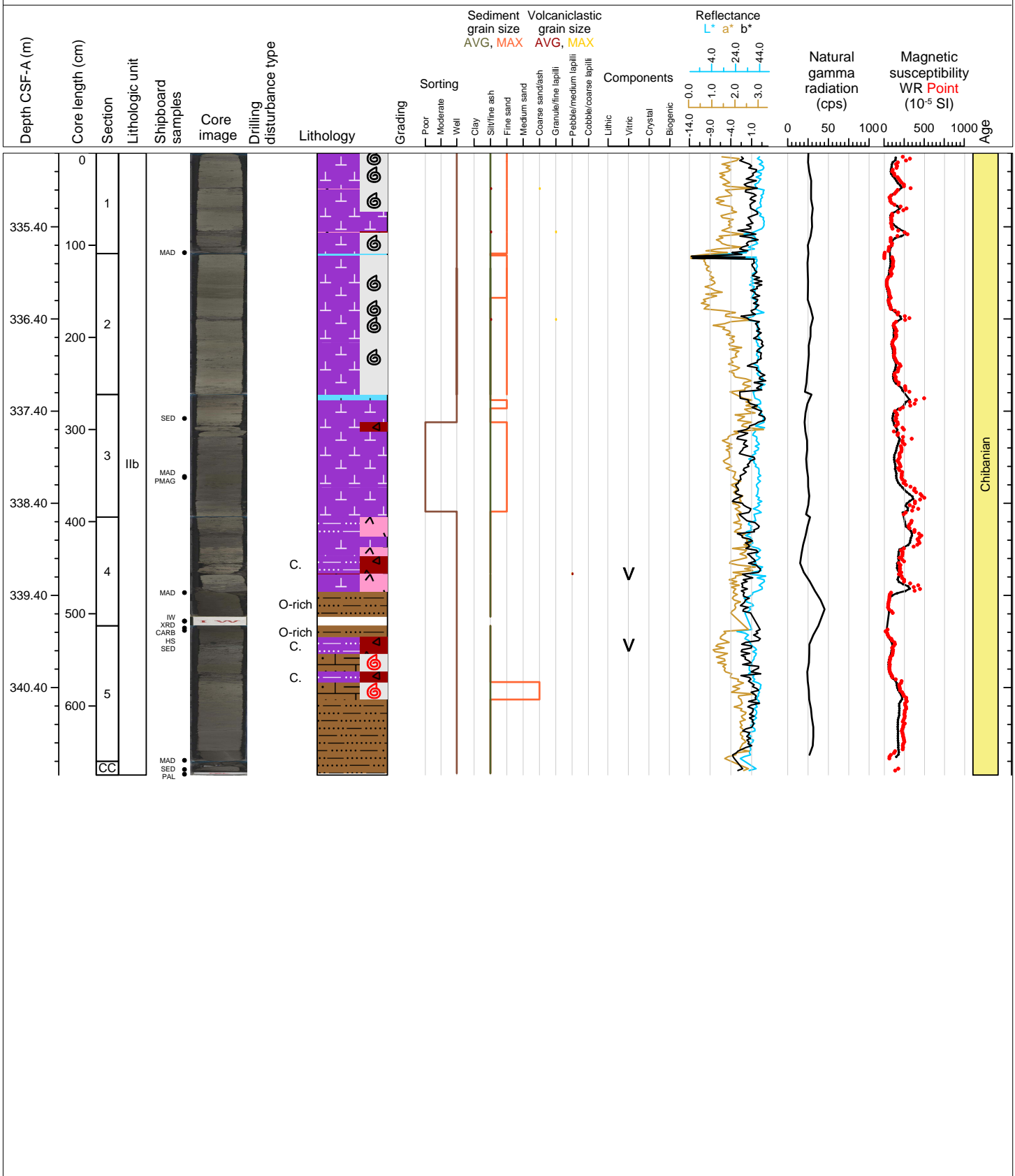
Hole 398-U1590B Core 26R, Interval 325.0-333.47 m (CSF-A)

Ooze, organic rich ooze, tuffaceous ooze, lapilli, calcareous mud, tuffaceous mud and organic rich calcareous mud.



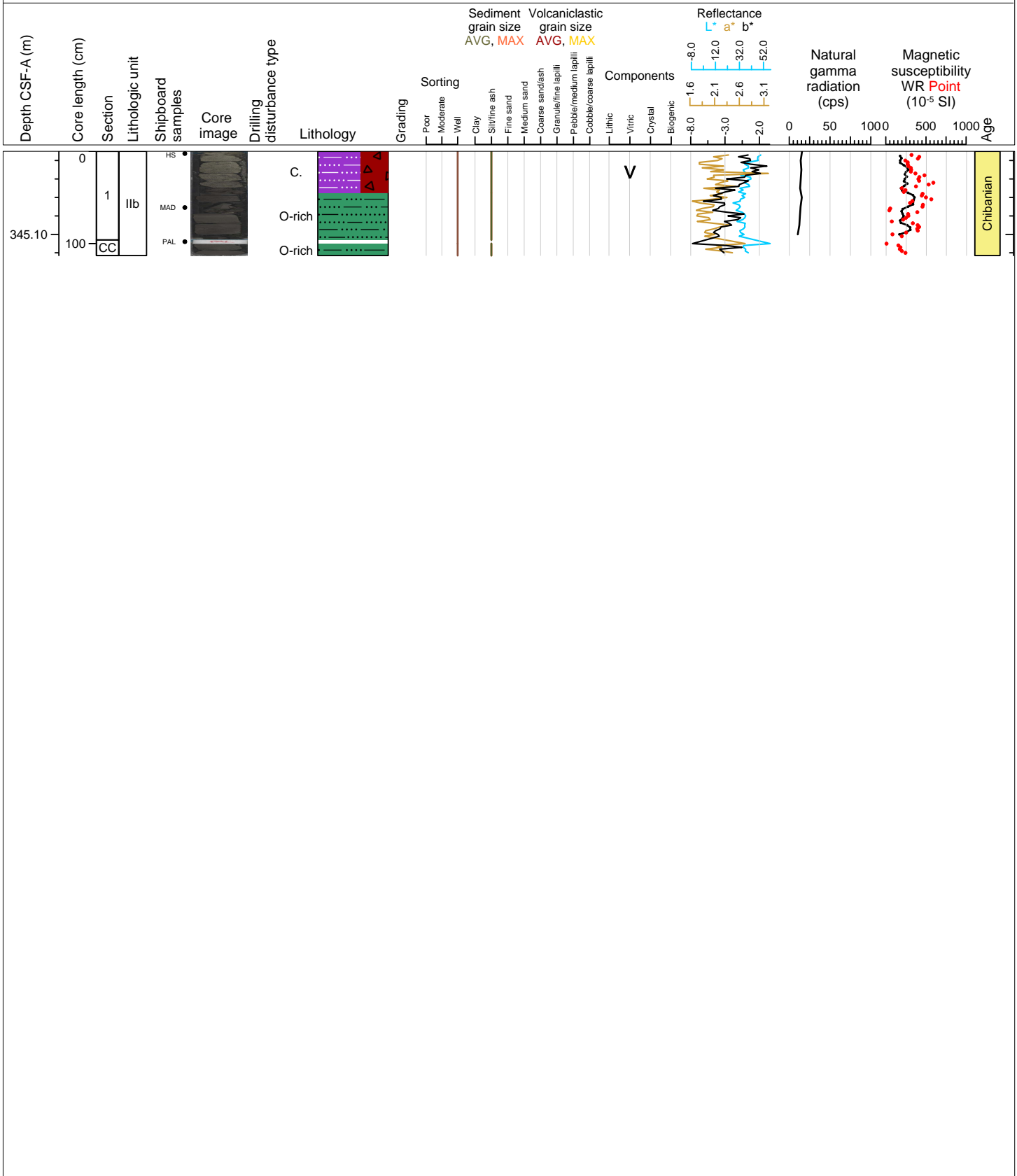
Hole 398-U1590B Core 27R, Interval 334.6-341.35 m (CSF-A)

Tuffaceous ooze, ash, ooze, calcareous mud, calcareous tuffaceous mud, and organic rich calcareous mud.



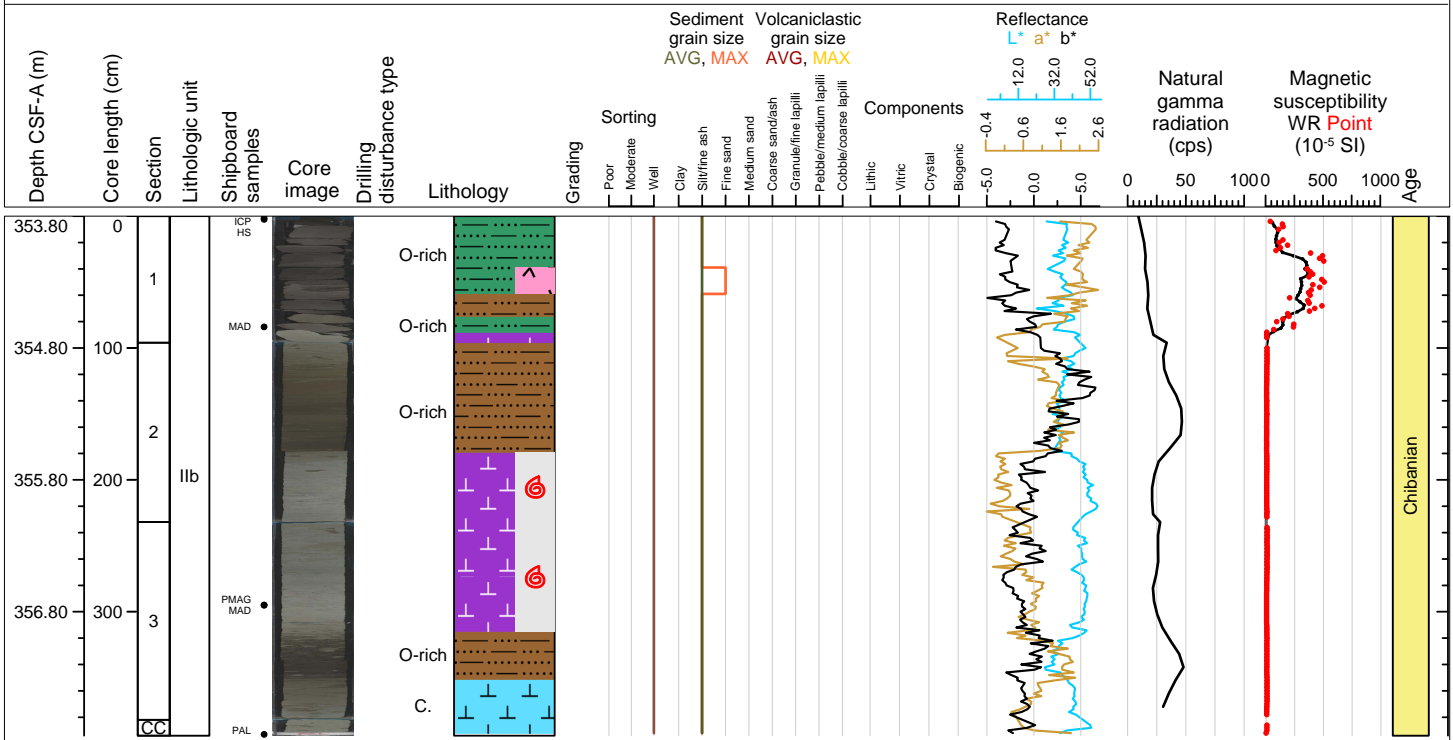
Hole 398-U1590B Core 28R, Interval 344.2-345.33 m (CSF-A)

Calcareous tuffaceous mud and organic rich mud.



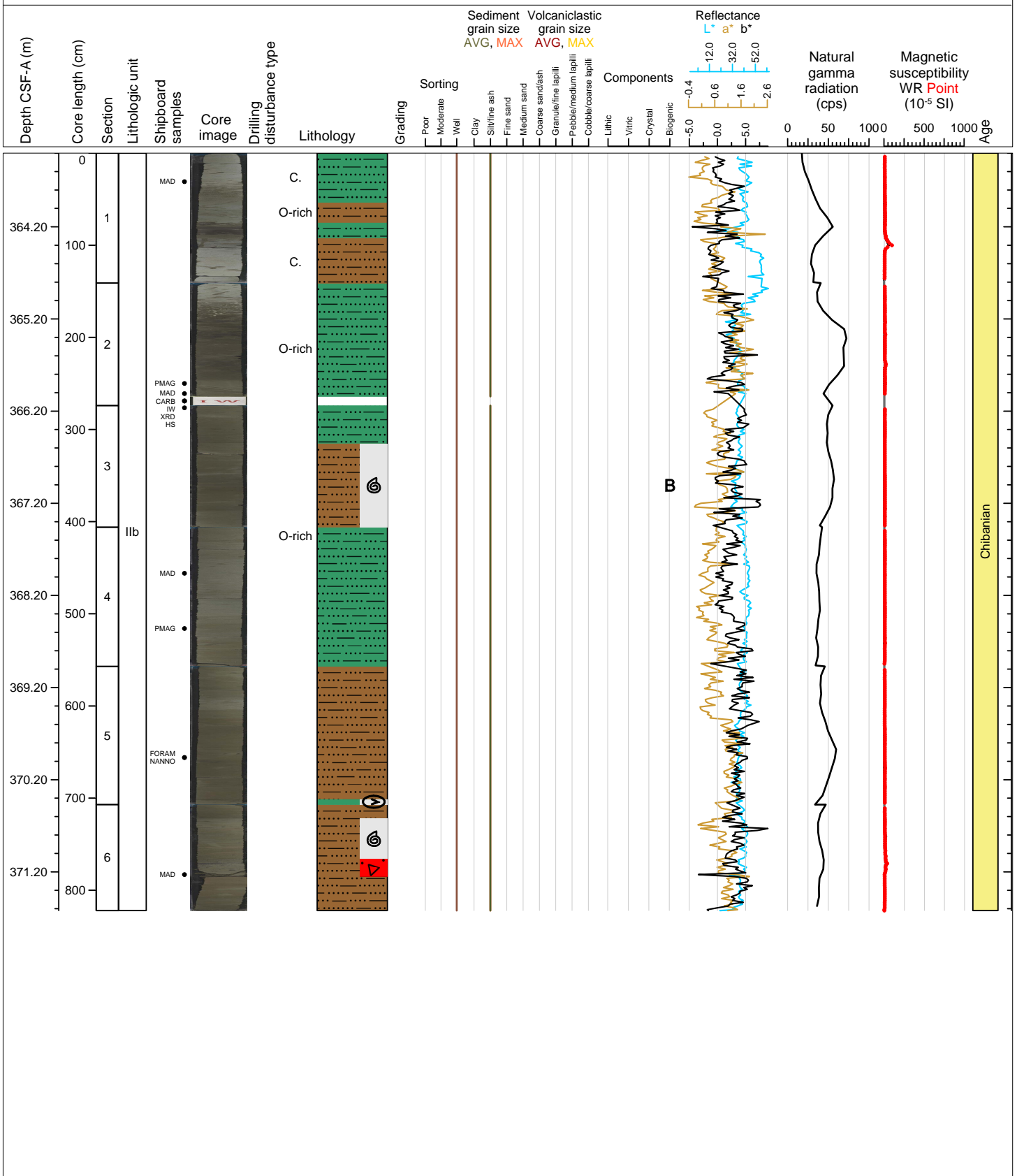
Hole 398-U1590B Core 29R, Interval 353.8-357.74 m (CSF-A)

Organic rich mud, calcareous mud, tuffaceous ooze, organic rich calcareous mud and ooze.



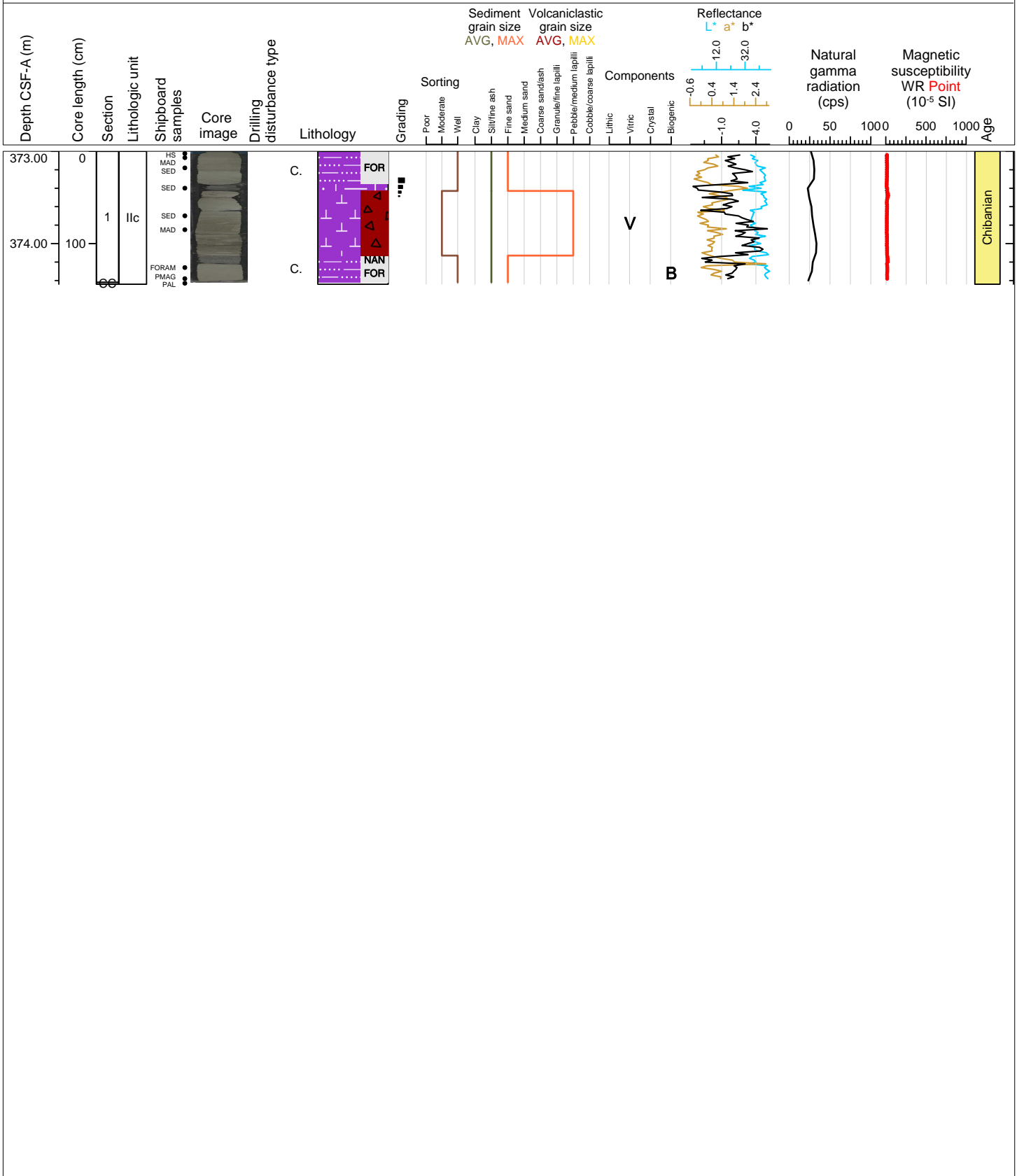
Hole 398-U1590B Core 30R, Interval 363.4-371.62 m (CSF-A)

Calcareous mud, organic rich calcareous mud, and organic rich mud.



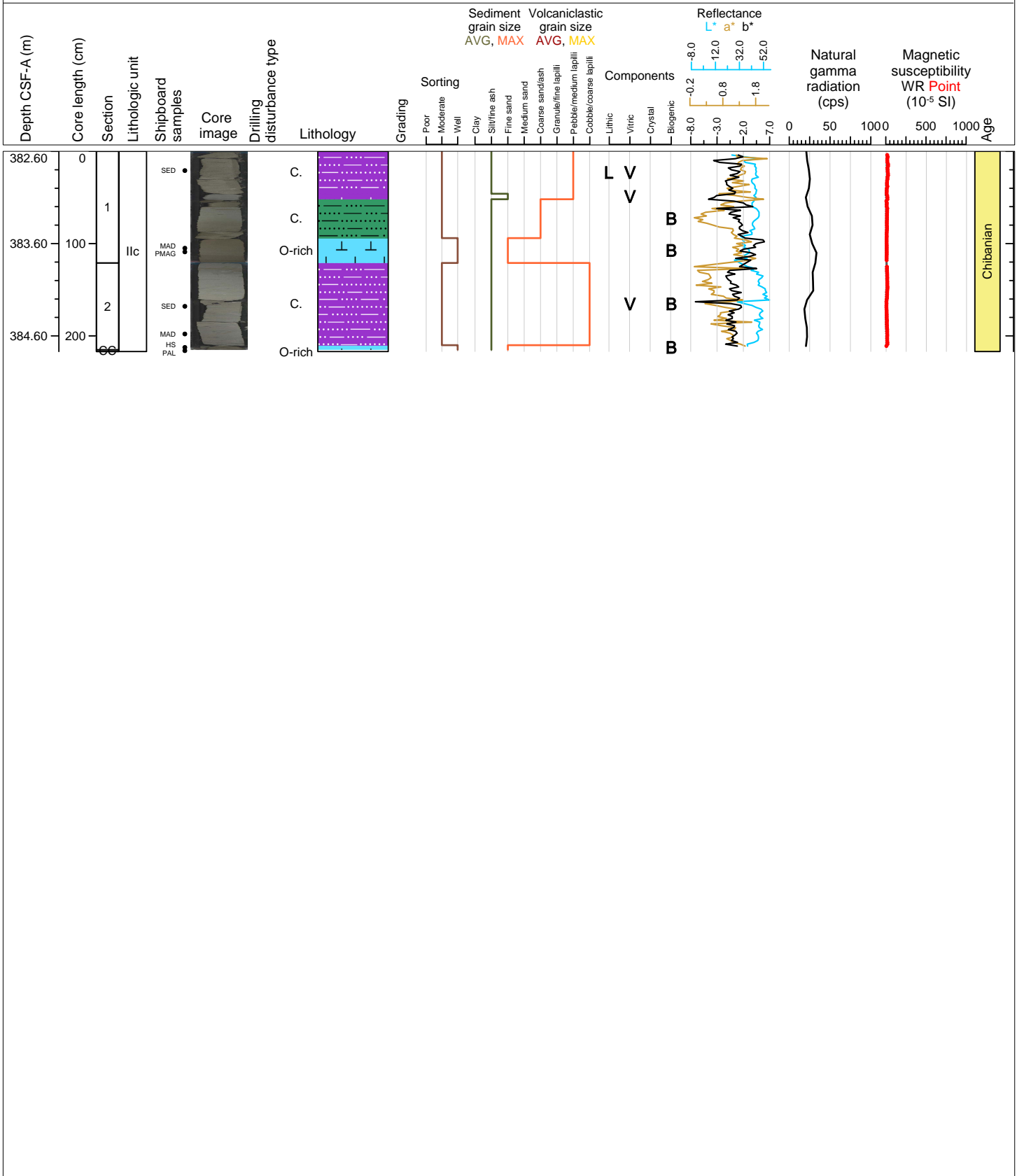
Hole 398-U1590B Core 31R, Interval 373.0-374.44 m (CSF-A)

Calcareous tuffaceous mud/mudstone, and tuffaceous ooze.



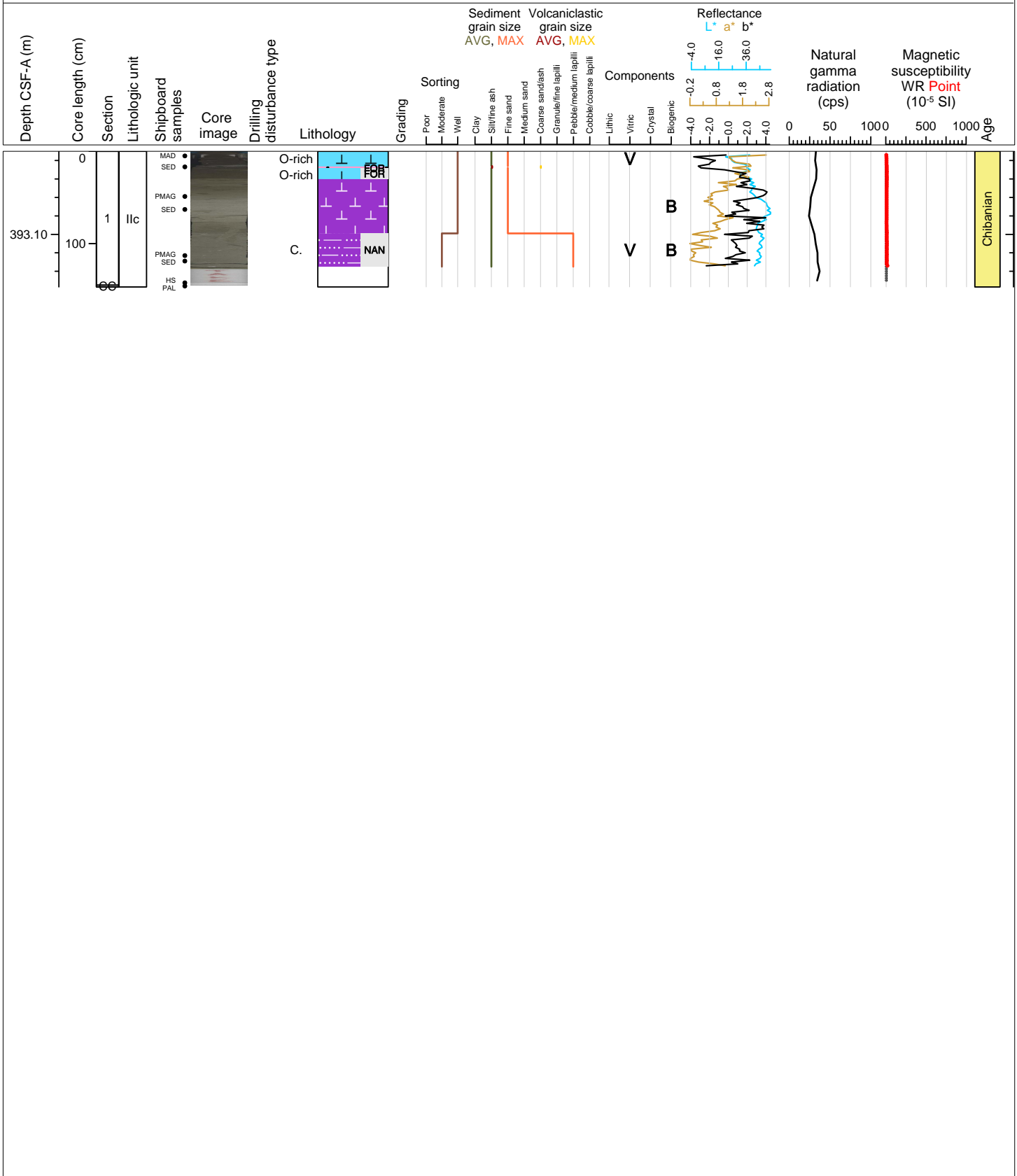
Hole 398-U1590B Core 32R, Interval 382.6-384.77 m (CSF-A)

Calcareous tuffaceous mud, tuffaceous ooze, calcareous mud, and organic rich ooze.



Hole 398-U1590B Core 33R, Interval 392.2-393.67 m (CSF-A)

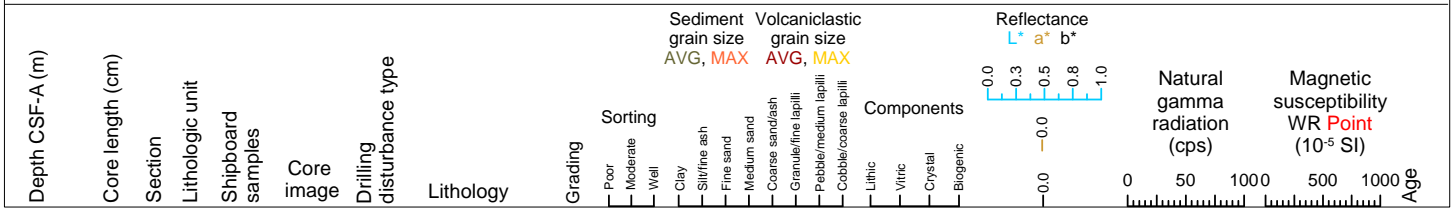
Organic rich ooze, ash, tuffaceous ooze, and calcareous tuffaceous mud.





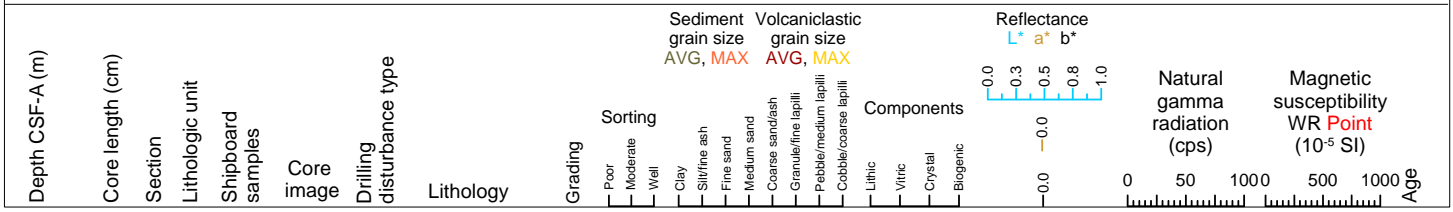
Hole 398-U1590B Core 34R, Interval 401.9-401.9 m (CSF-A)

NO RECOVERY 401.9-411.6 m



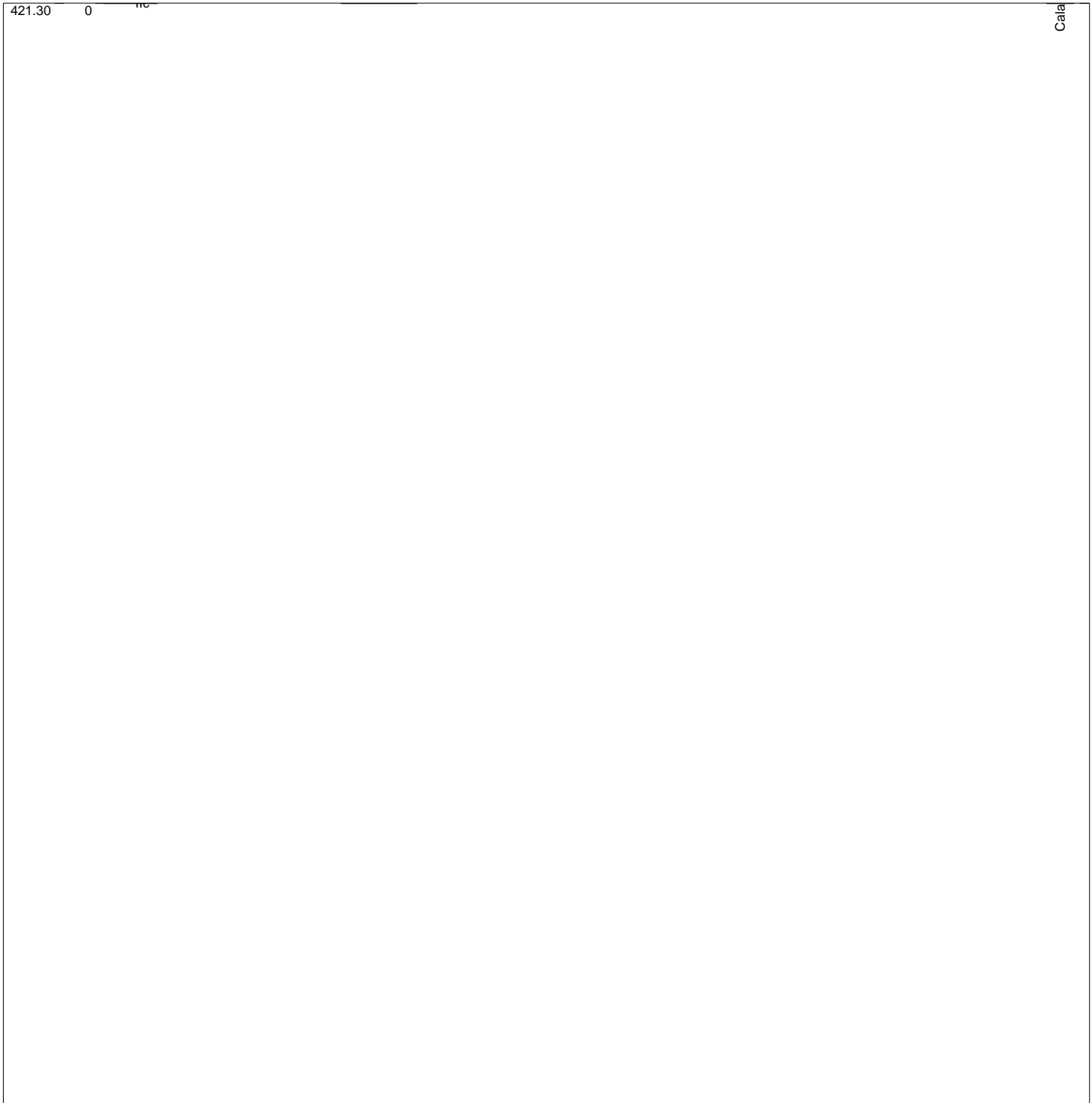
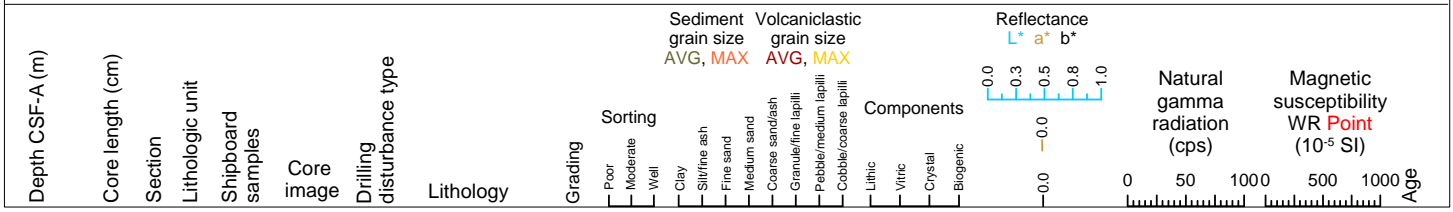
Hole 398-U1590B Core 35R, Interval 411.6-411.6 m (CSF-A)

NO RECOVERY 411.6-421.3 m



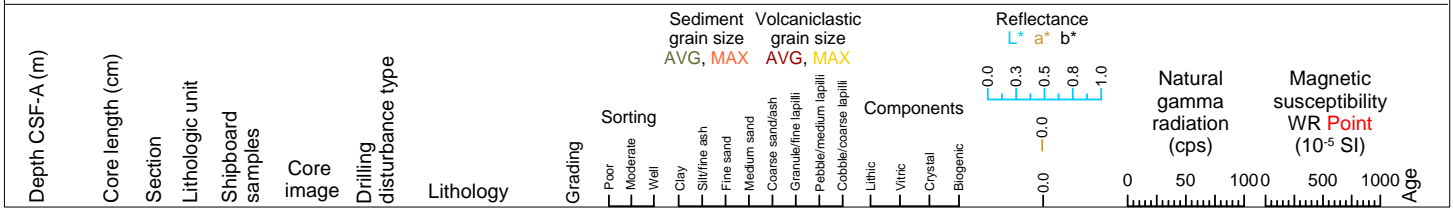
Hole 398-U1590B Core 36R, Interval 421.3-421.3 m (CSF-A)

NO RECOVERY 421.3-431.0 m



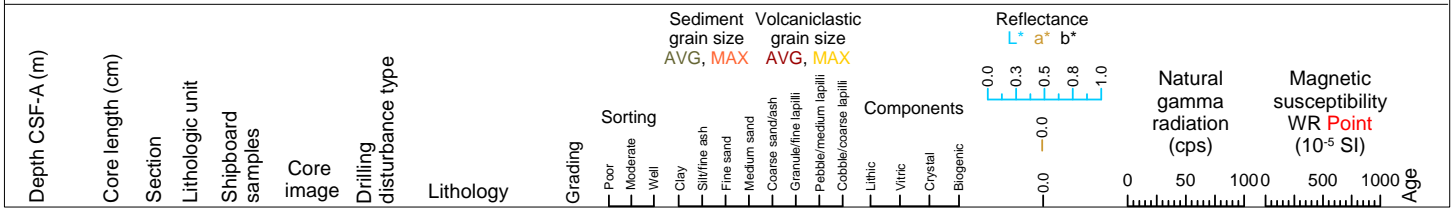
Hole 398-U1590B Core 37R, Interval 431.0-431.0 m (CSF-A)

NO RECOVERY 431.0-440.7 m



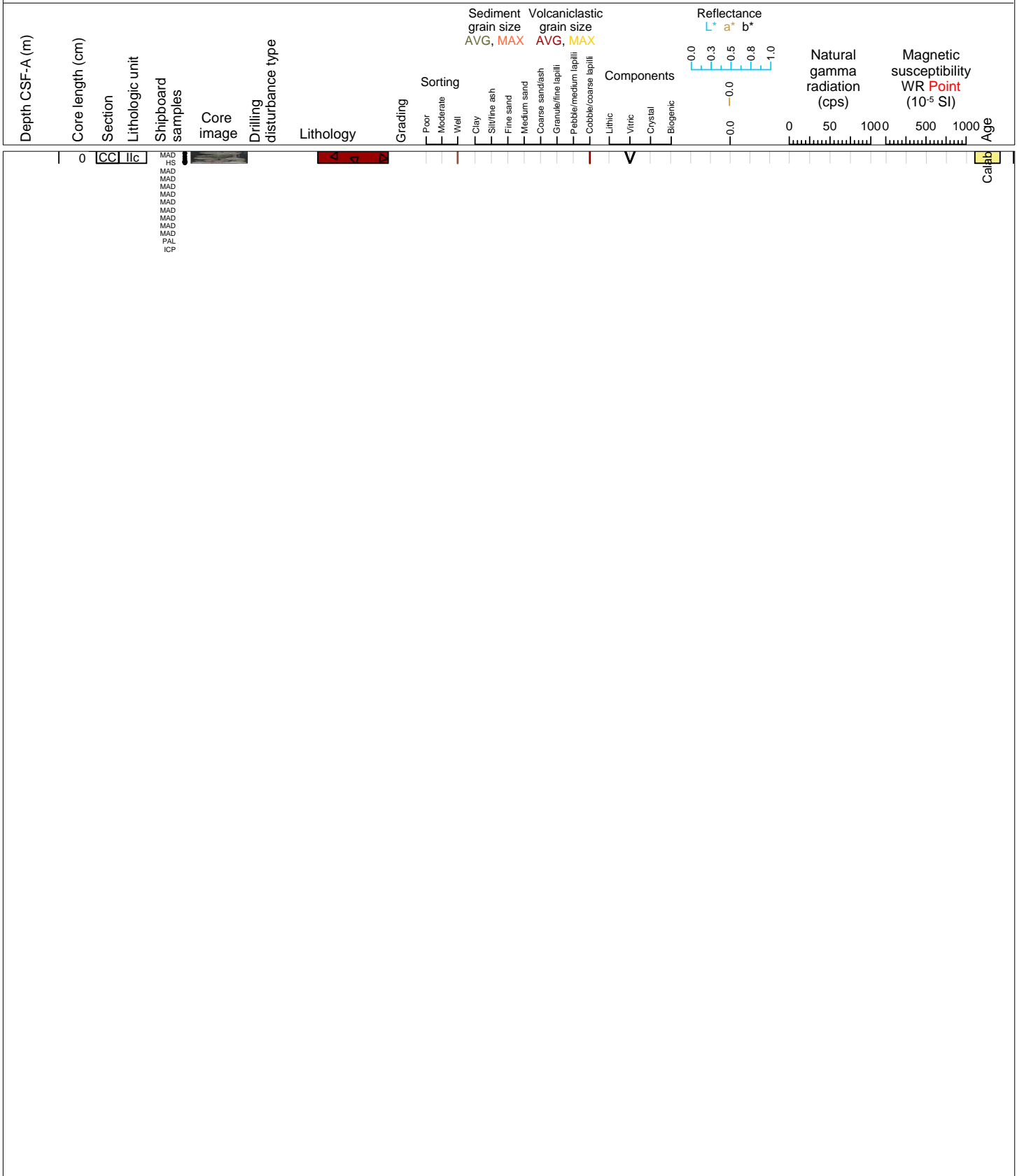
Hole 398-U1590B Core 38R, Interval 440.7-440.7 m (CSF-A)

NO RECOVERY 440.7-450.4 m



Hole 398-U1590B Core 39R, Interval 450.4-450.53 m (CSF-A)

Lapilli.



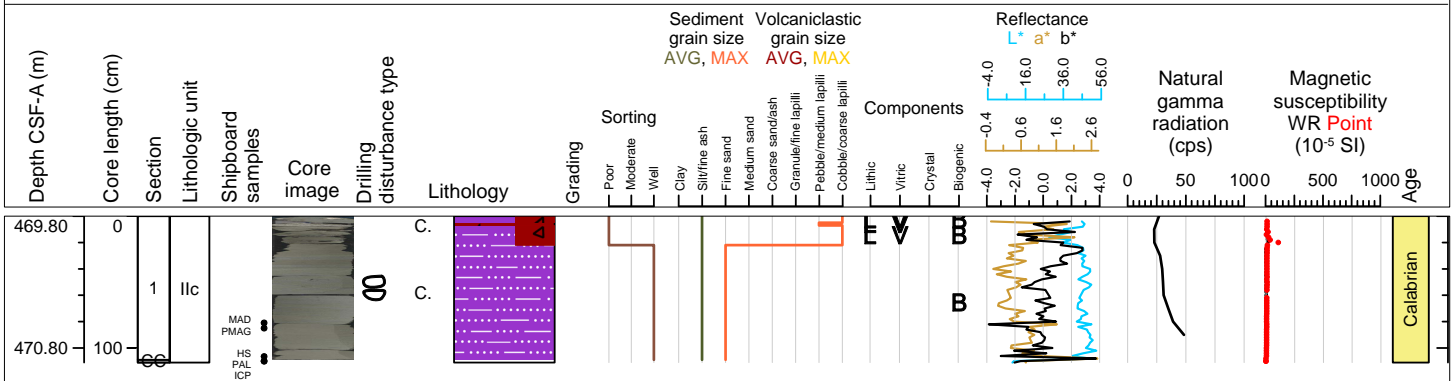
Hole 398-U1590B Core 40R, Interval 460.1-460.9 m (CSF-A)

Ash and calcareous tuffaceous mud.



Hole 398-U1590B Core 41R, Interval 469.8-470.91 m (CSF-A)

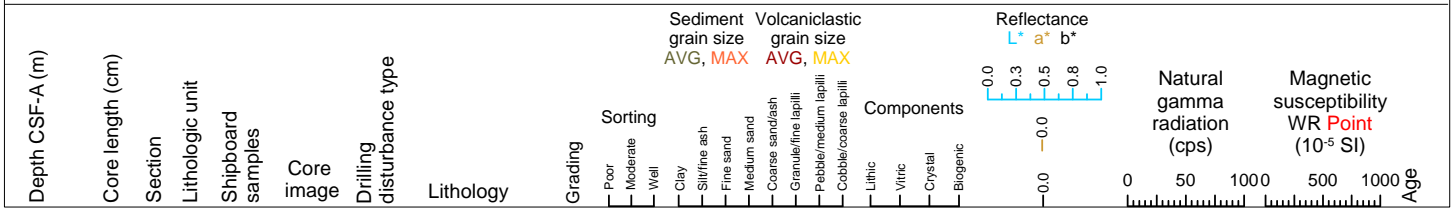
Calcareous tuffaceous mud and lapillistone.





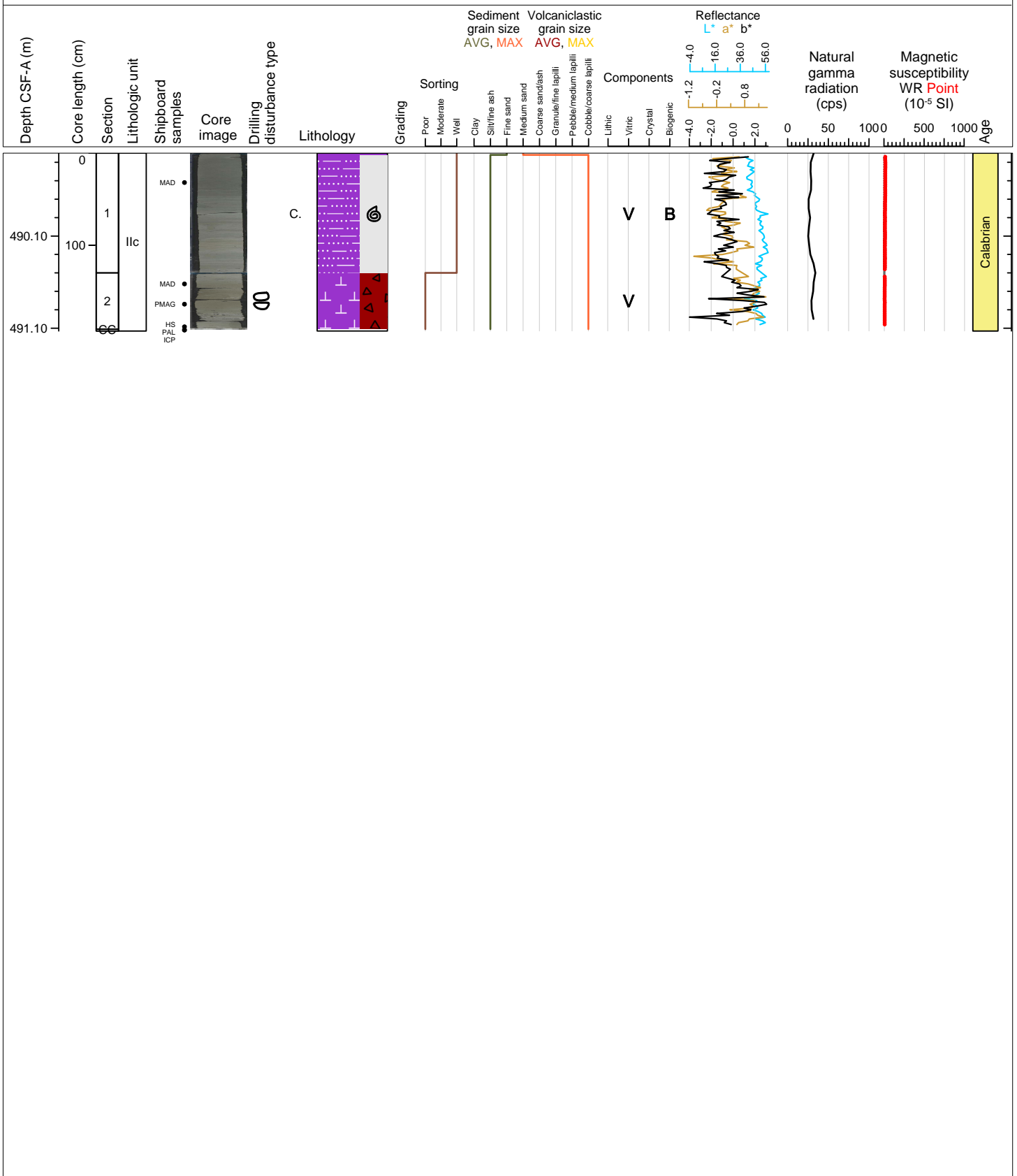
Hole 398-U1590B Core 42R, Interval 479.5-479.5 m (CSF-A)

NO RECOVERY 479.5-489.2 m



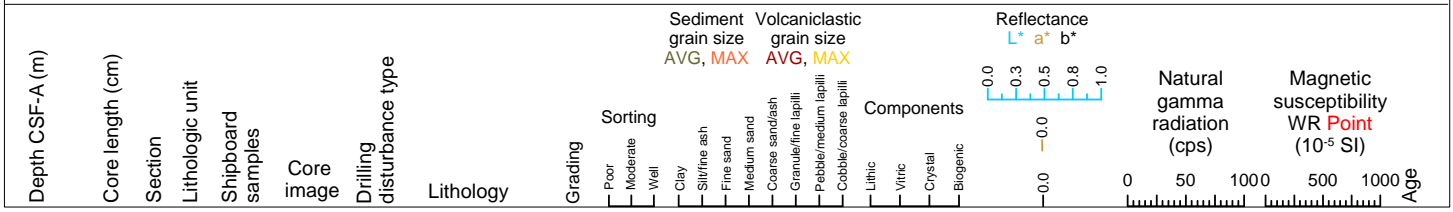
Hole 398-U1590B Core 43R, Interval 489.2-491.13 m (CSF-A)

Tuffaceous sand, calcareous tuffaceous mud and tuffaceous ooze.



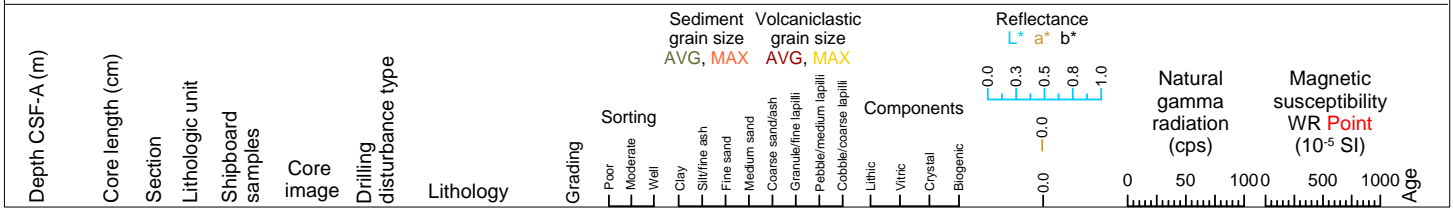
Hole 398-U1590B Core 44R, Interval 498.9-498.9 m (CSF-A)

NO RECOVERY 498.9-508.6 m



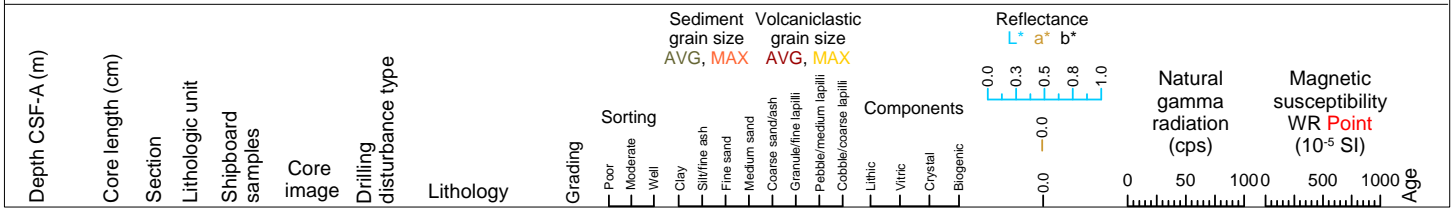
Hole 398-U1590B Core 45R, Interval 508.6-508.6 m (CSF-A)

NO RECOVERY 508.6-518.3 m



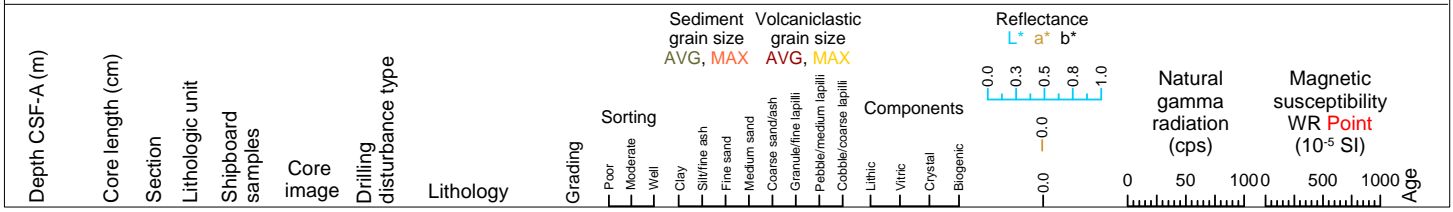
Hole 398-U1590B Core 46R, Interval 518.3-518.3 m (CSF-A)

NO RECOVERY 518.3-528.0 m



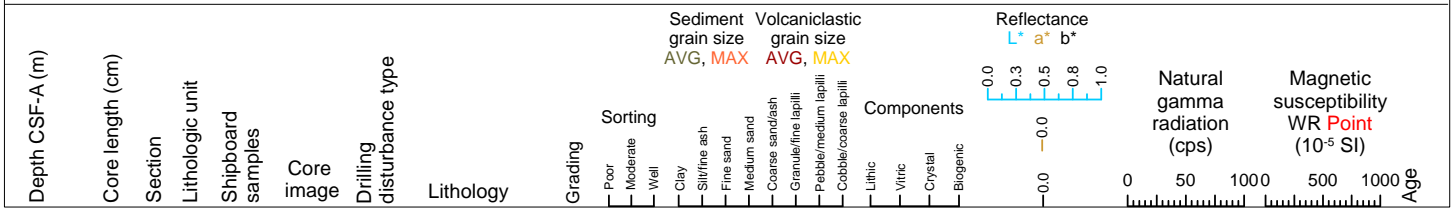
Hole 398-U1590B Core 47R, Interval 528.0-528.0 m (CSF-A)

NO RECOVERY 528.0-537.7 m



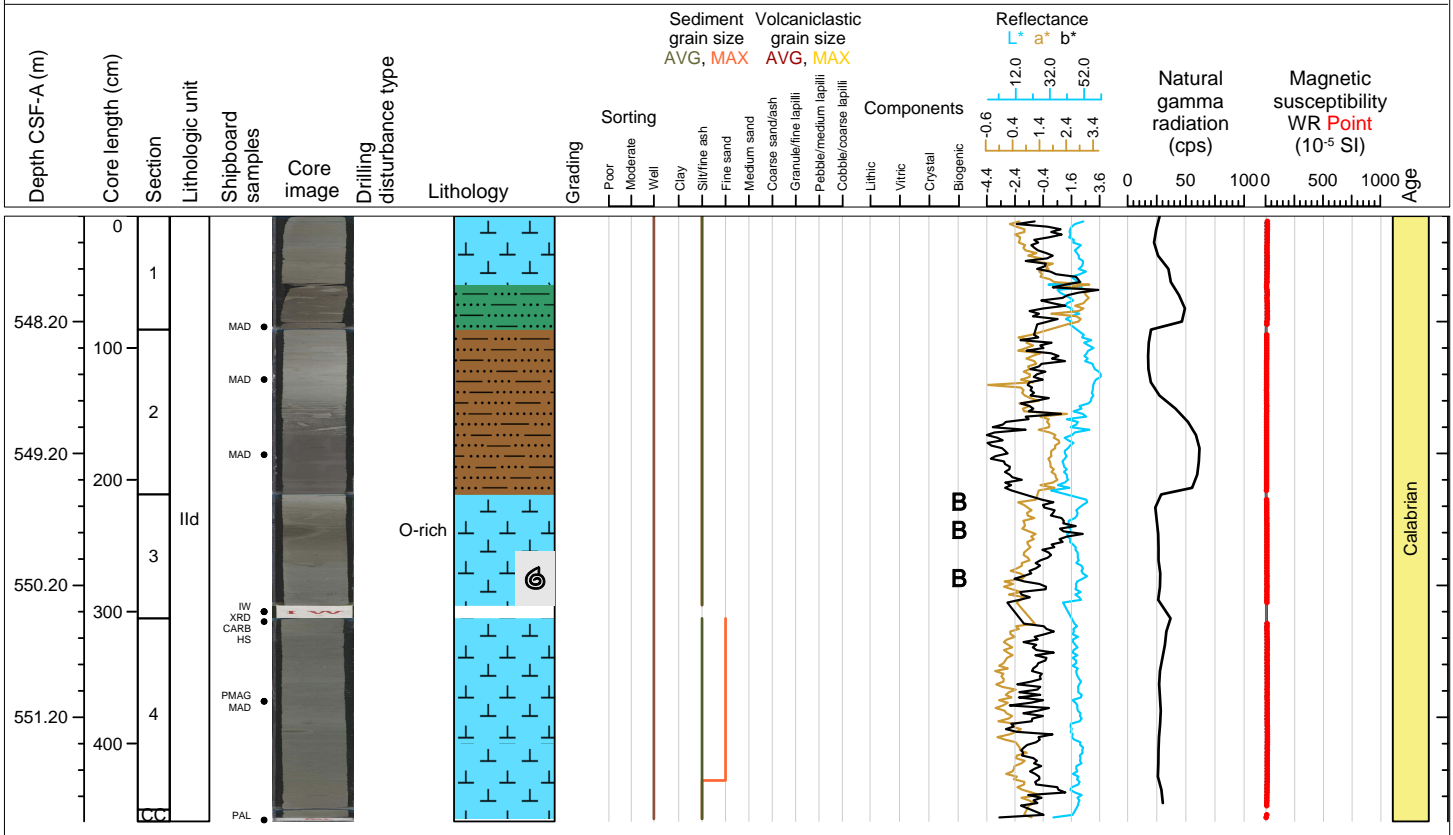
Hole 398-U1590B Core 48R, Interval 537.7-537.7 m (CSF-A)

NO RECOVERY 537.7-547.4 m



Hole 398-U1590B Core 49R, Interval 547.4-551.99 m (CSF-A)

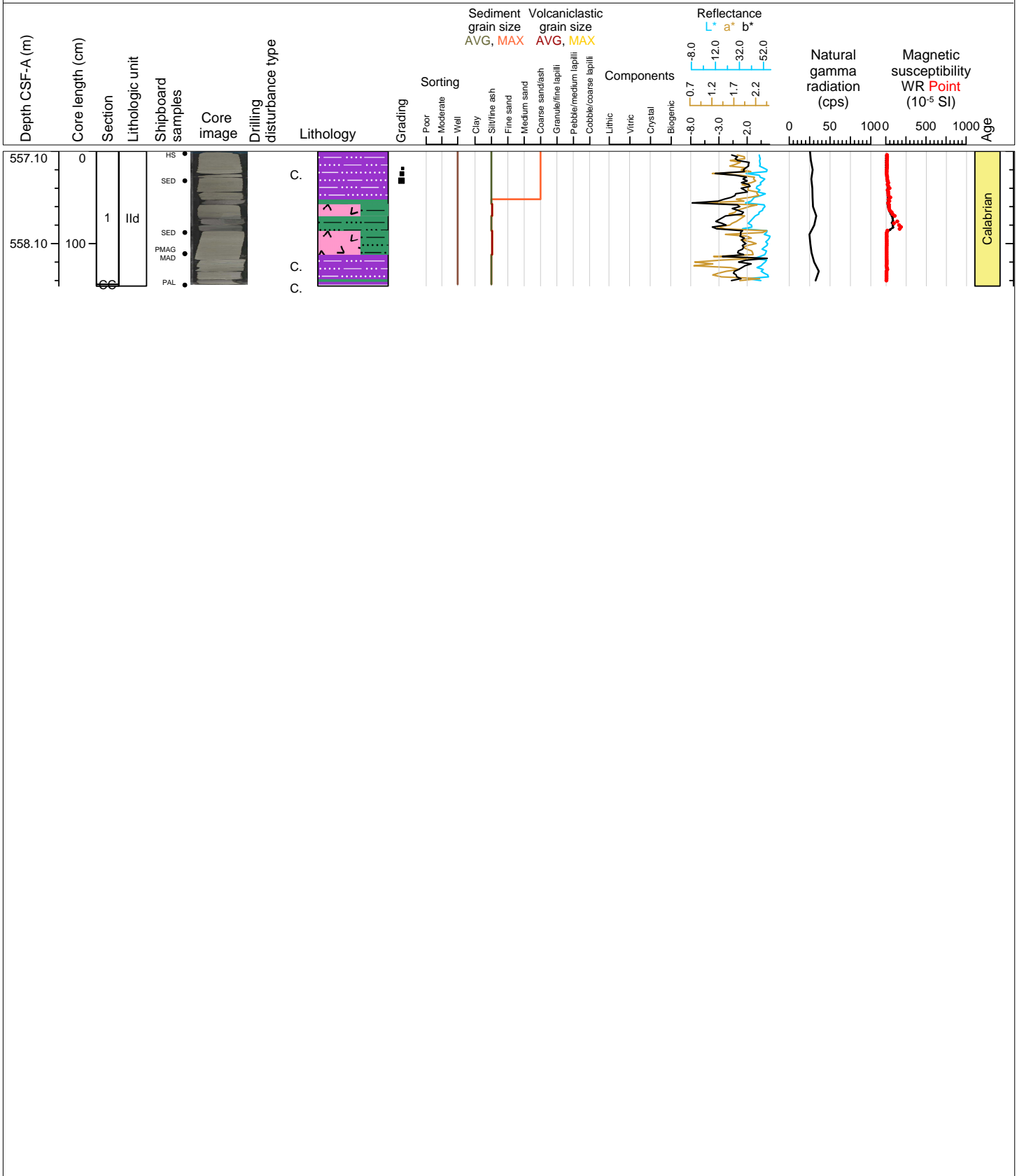
Ooze, mud, calcareous mud and organic rich ooze.





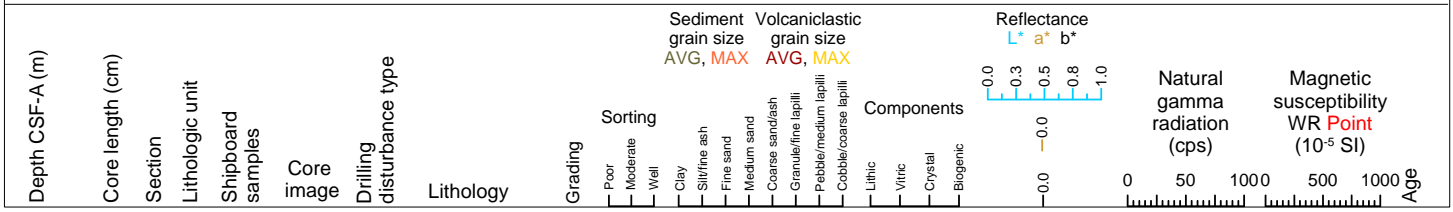
Hole 398-U1590B Core 50R, Interval 557.1-558.56 m (CSF-A)

Calcareous tuffaceous mud, mud and ash.



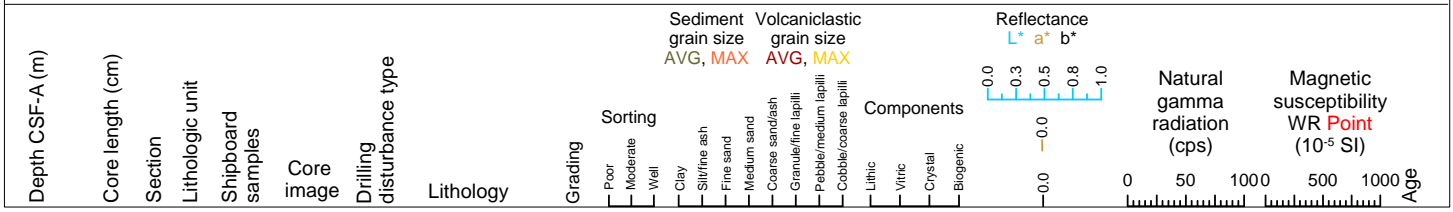
Hole 398-U1590B Core 51R, Interval 566.8-566.8 m (CSF-A)

NO RECOVERY 566.8-576.5 m



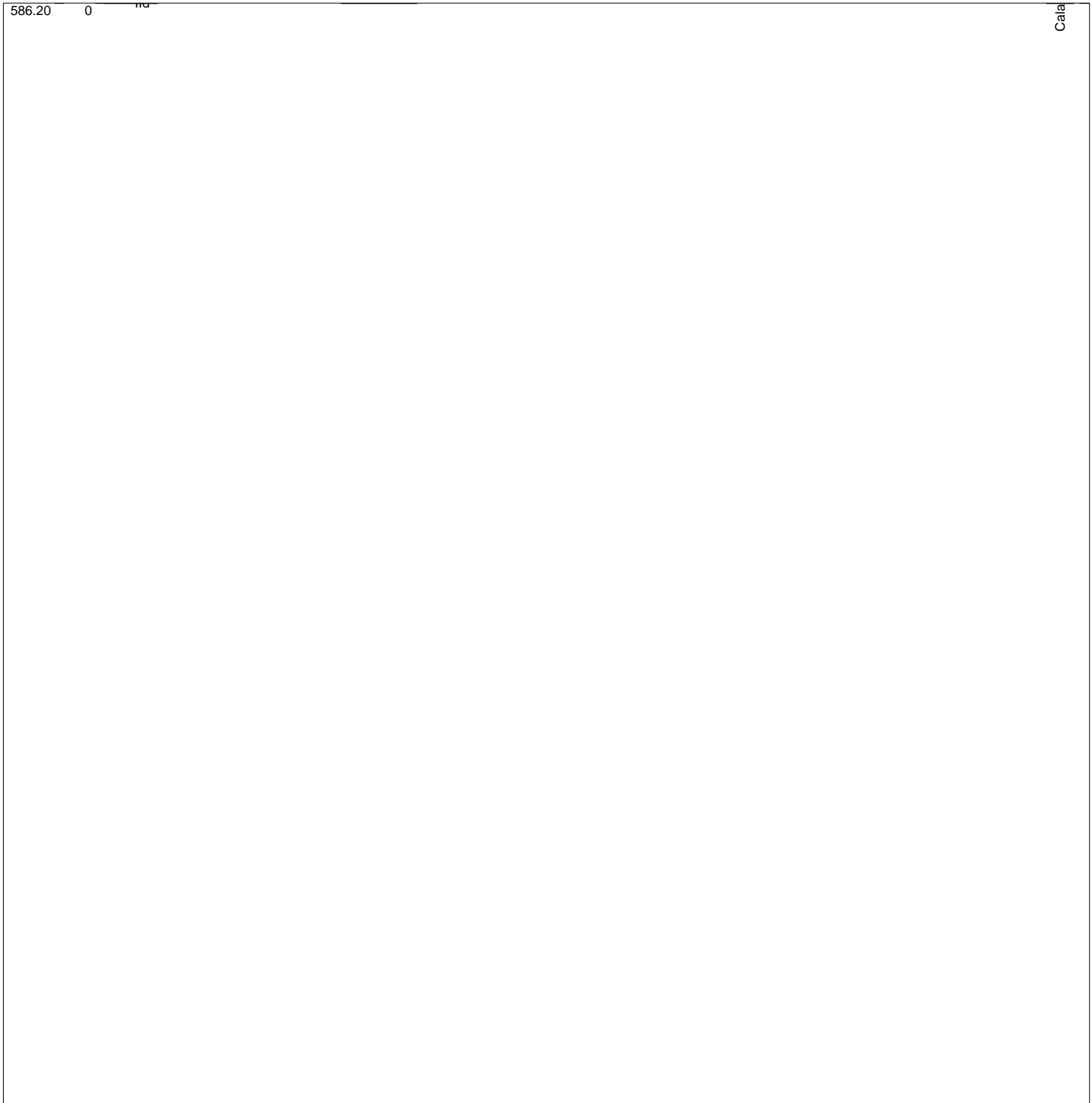
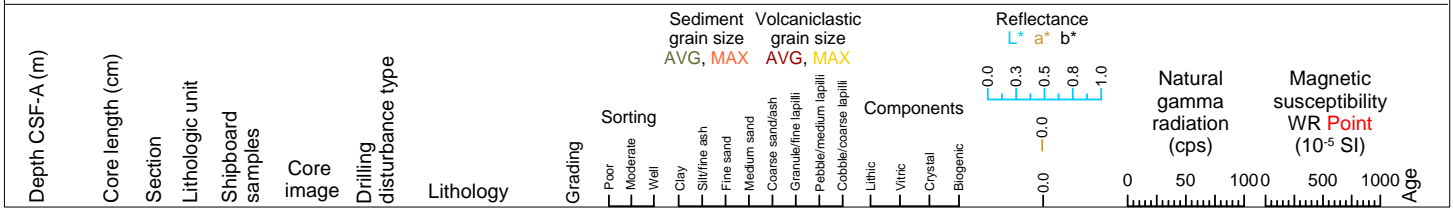
Hole 398-U1590B Core 52R, Interval 576.5-576.5 m (CSF-A)

NO RECOVERY 576.5-586.2 m



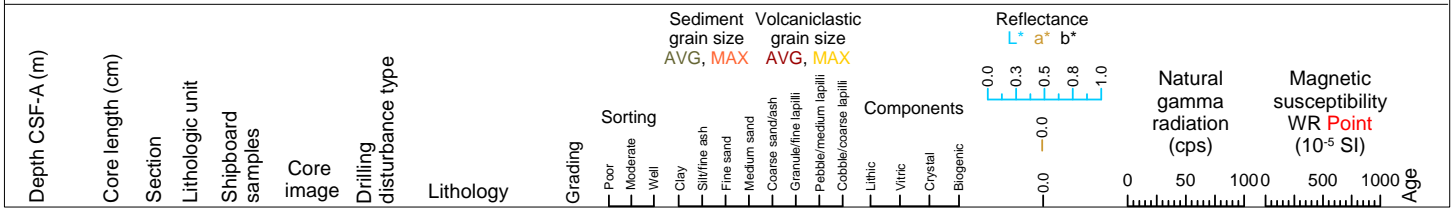
Hole 398-U1590B Core 53R, Interval 586.2-586.2 m (CSF-A)

NO RECOVERY 586.2-595.9 m



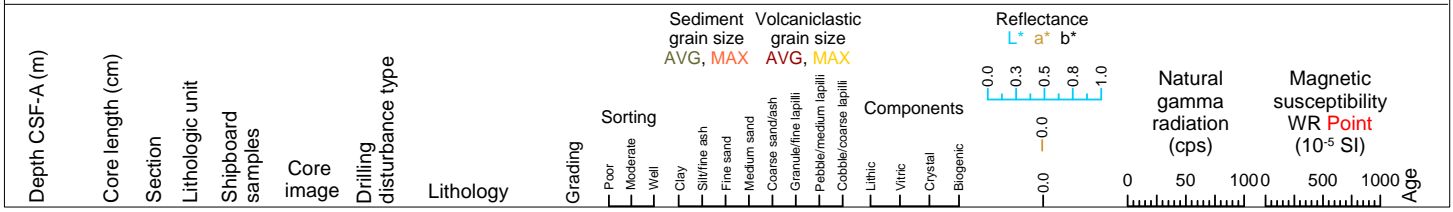
Hole 398-U1590B Core 54R, Interval 595.9-595.9 m (CSF-A)

NO RECOVERY 595.9-605.6 m



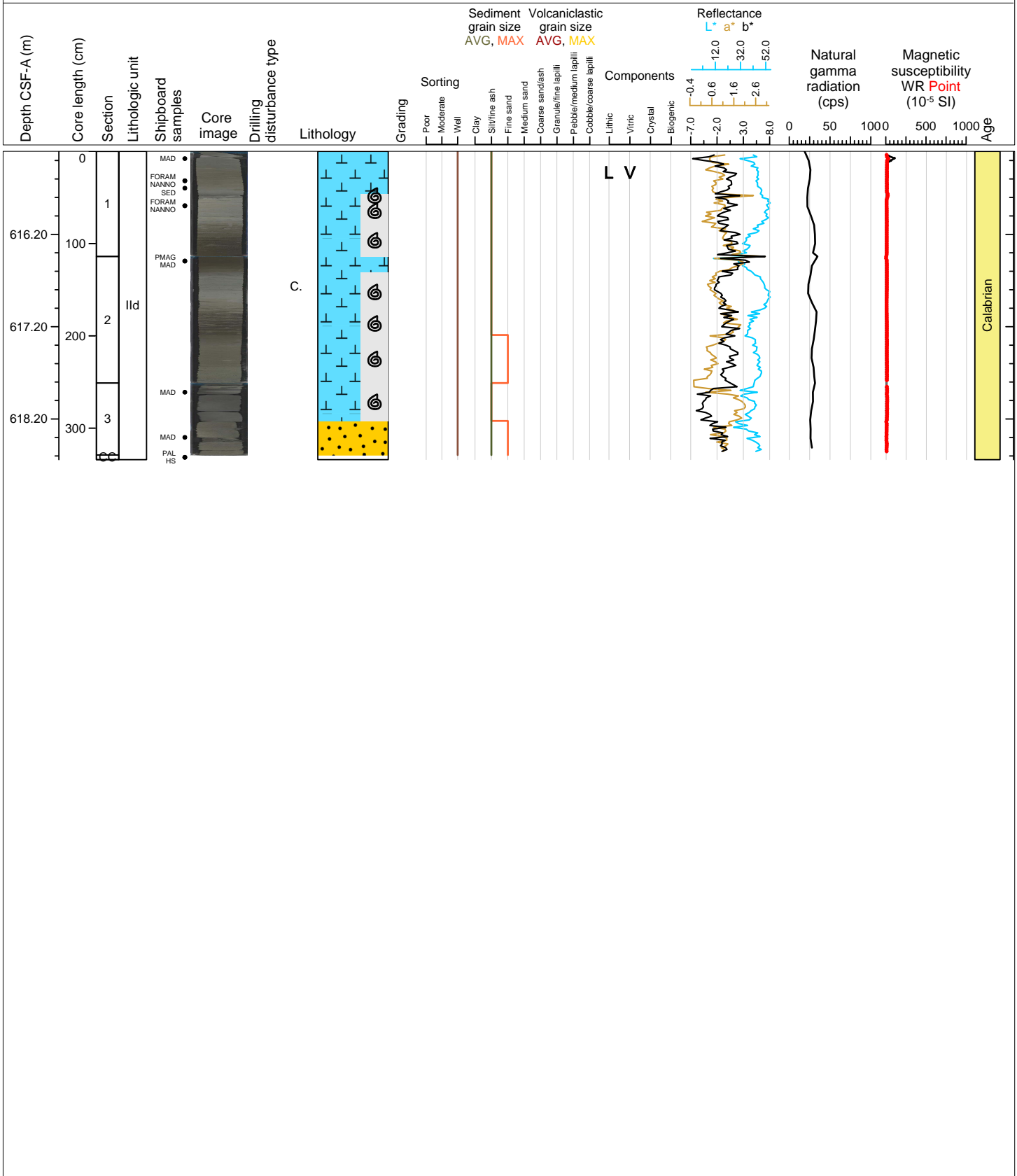
Hole 398-U1590B Core 55R, Interval 605.6-605.6 m (CSF-A)

NO RECOVERY 605.6-615.3 m



Hole 398-U1590B Core 56R, Interval 615.3-618.64 m (CSF-A)

Calcareous ooze and sand.



Hole 398-U1590B Core 57R, Interval 625.0-627.79 m (CSF-A)

Sand, calcareous mud, calcareous sand and mud.

