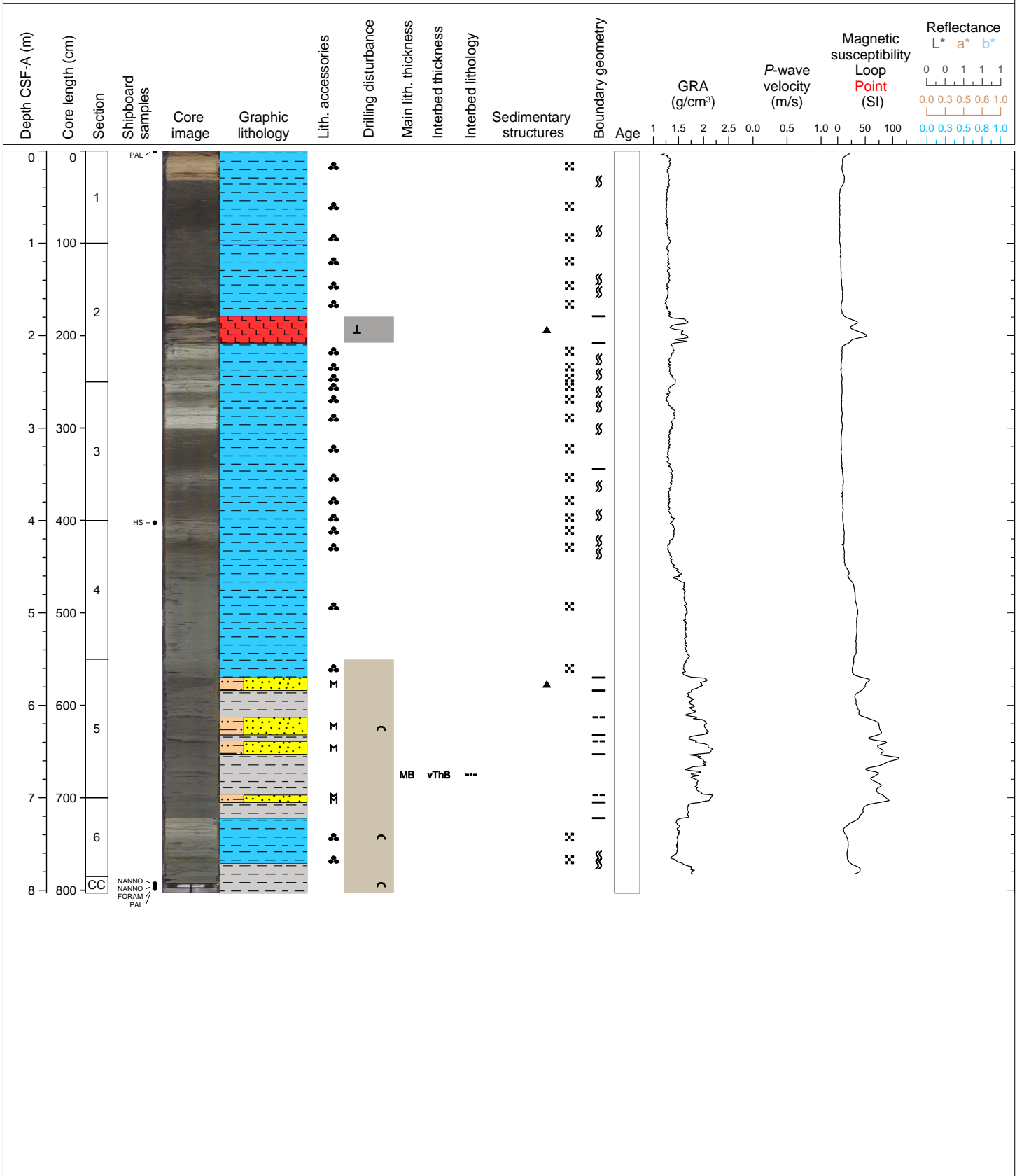


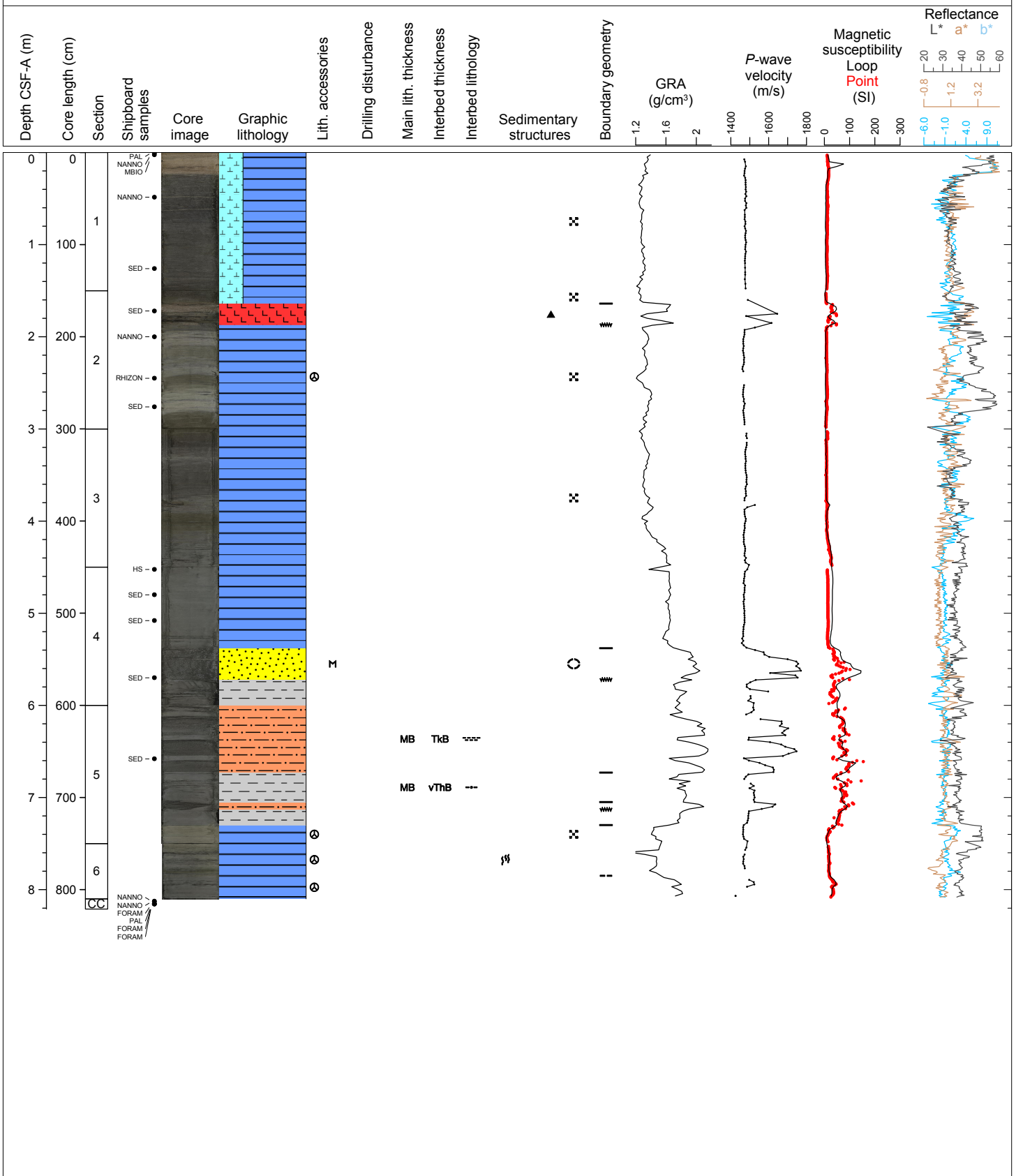
Hole 354-U1452A Core 1H, Interval 0.0-8.03 m (CSF-A)

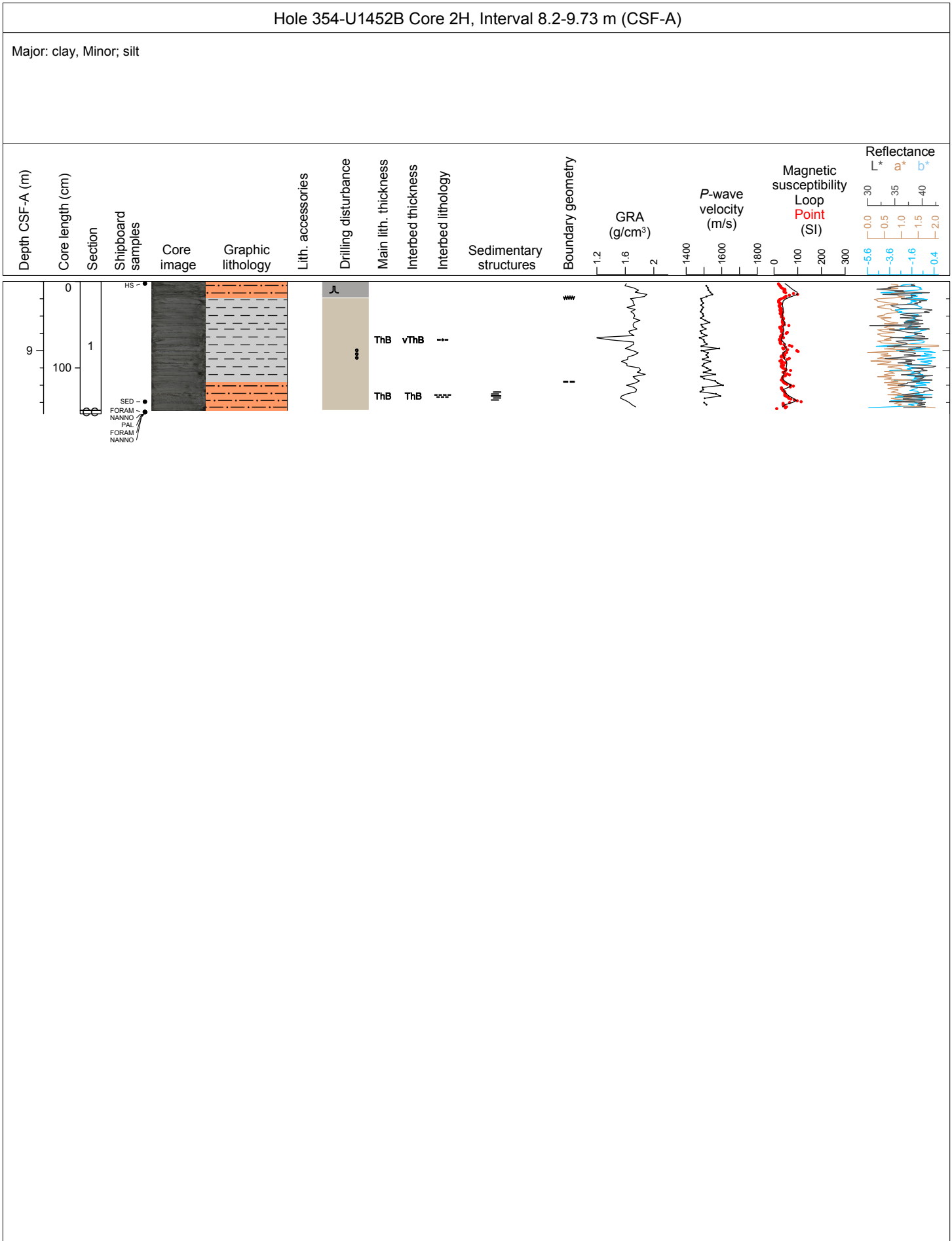
Major lithology: light brown to greenish gray calcareous clay; Minor lithology: light brown volcanic ash, gray clay, dark gray silt and sand with mica.



Hole 354-U1452B Core 1H, Interval 0.0-8.21 m (CSF-A)

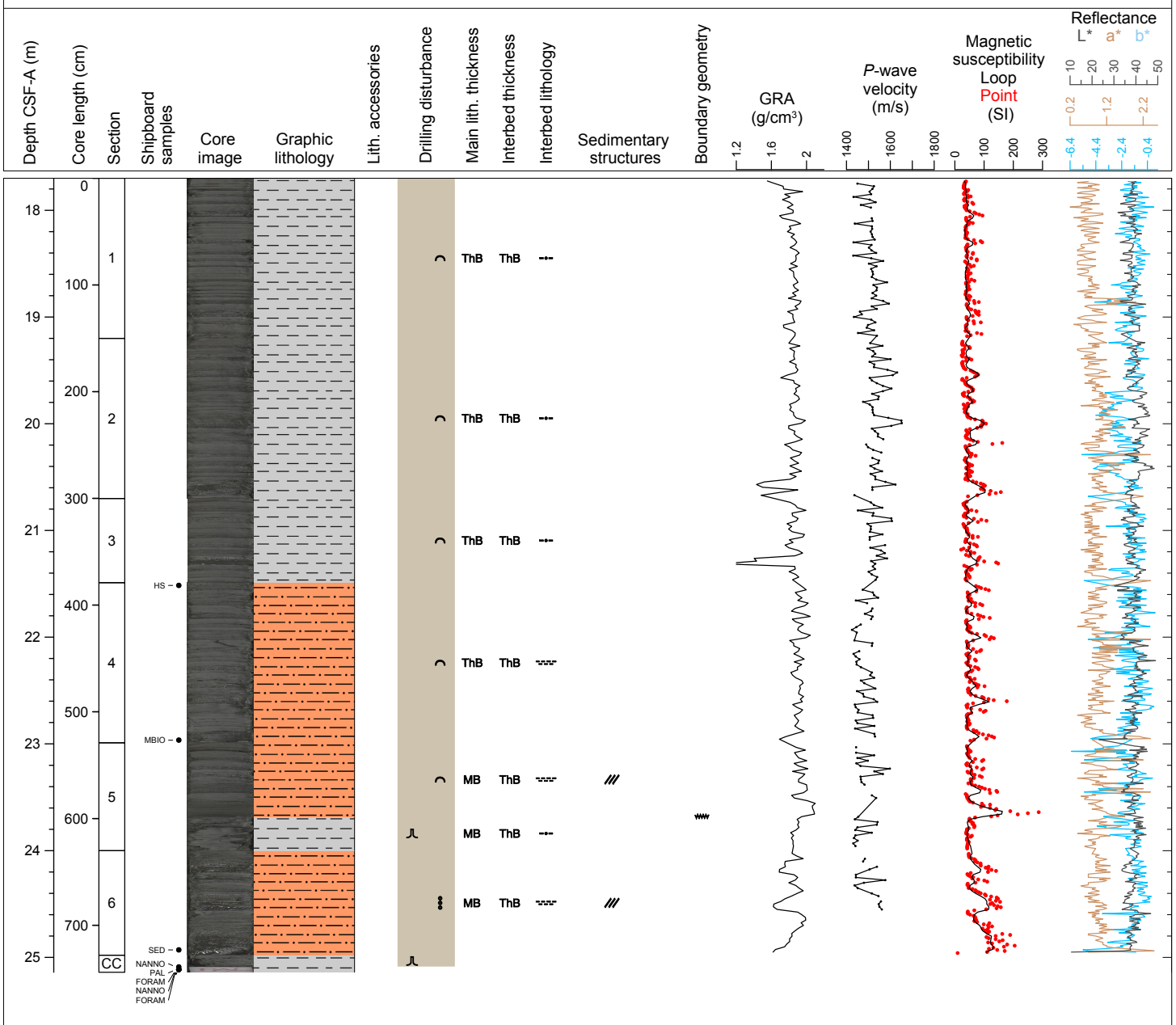
Major lithology: green nannofossil rich calcareous clay and gray clay with thin silt interbeds; Minor lithology: dark gray silt, dark gray sand, and light brown volcanic ash; General comments: volcanic ash exhibits normal grading.

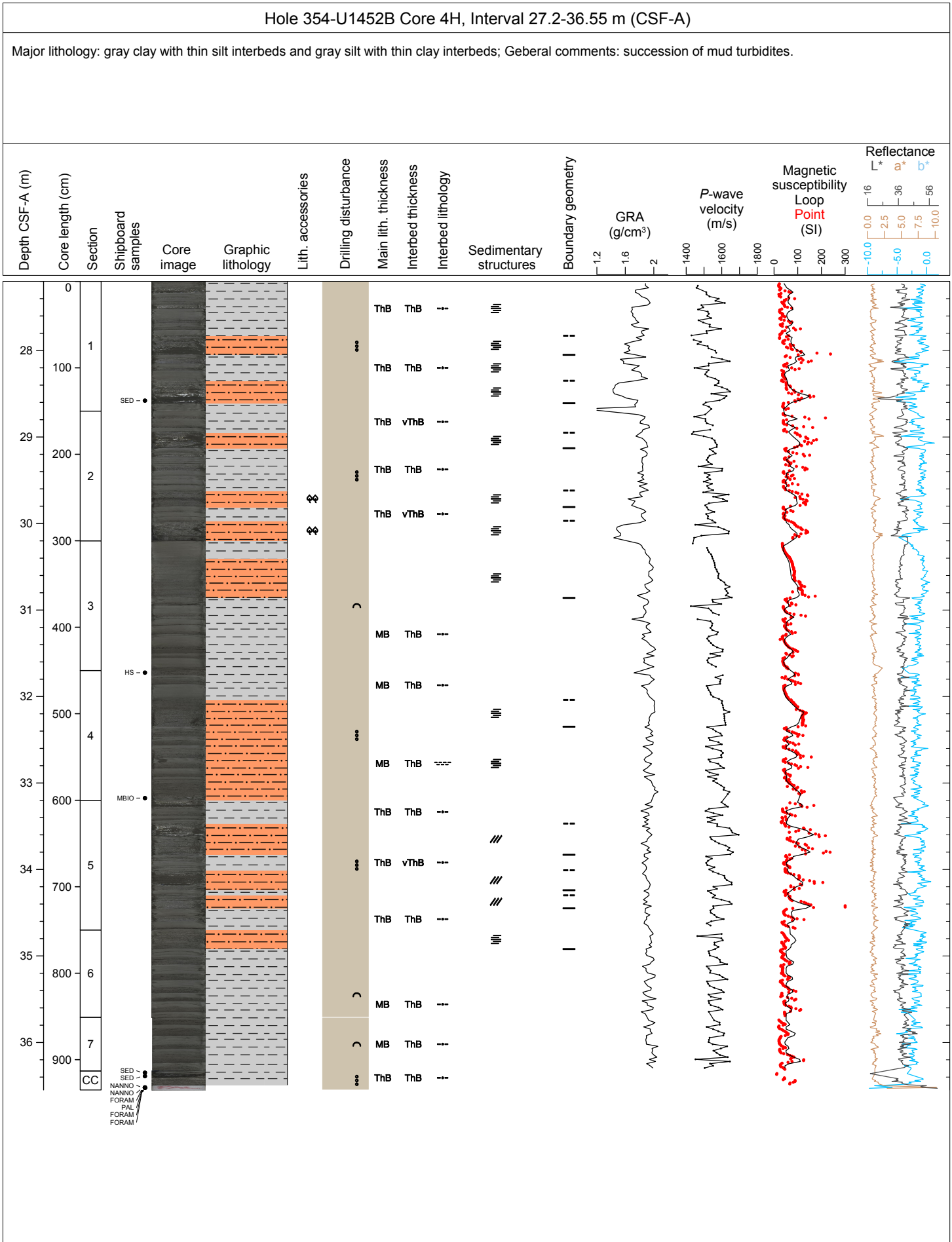




Hole 354-U1452B Core 3H, Interval 17.7-25.14 m (CSF-A)

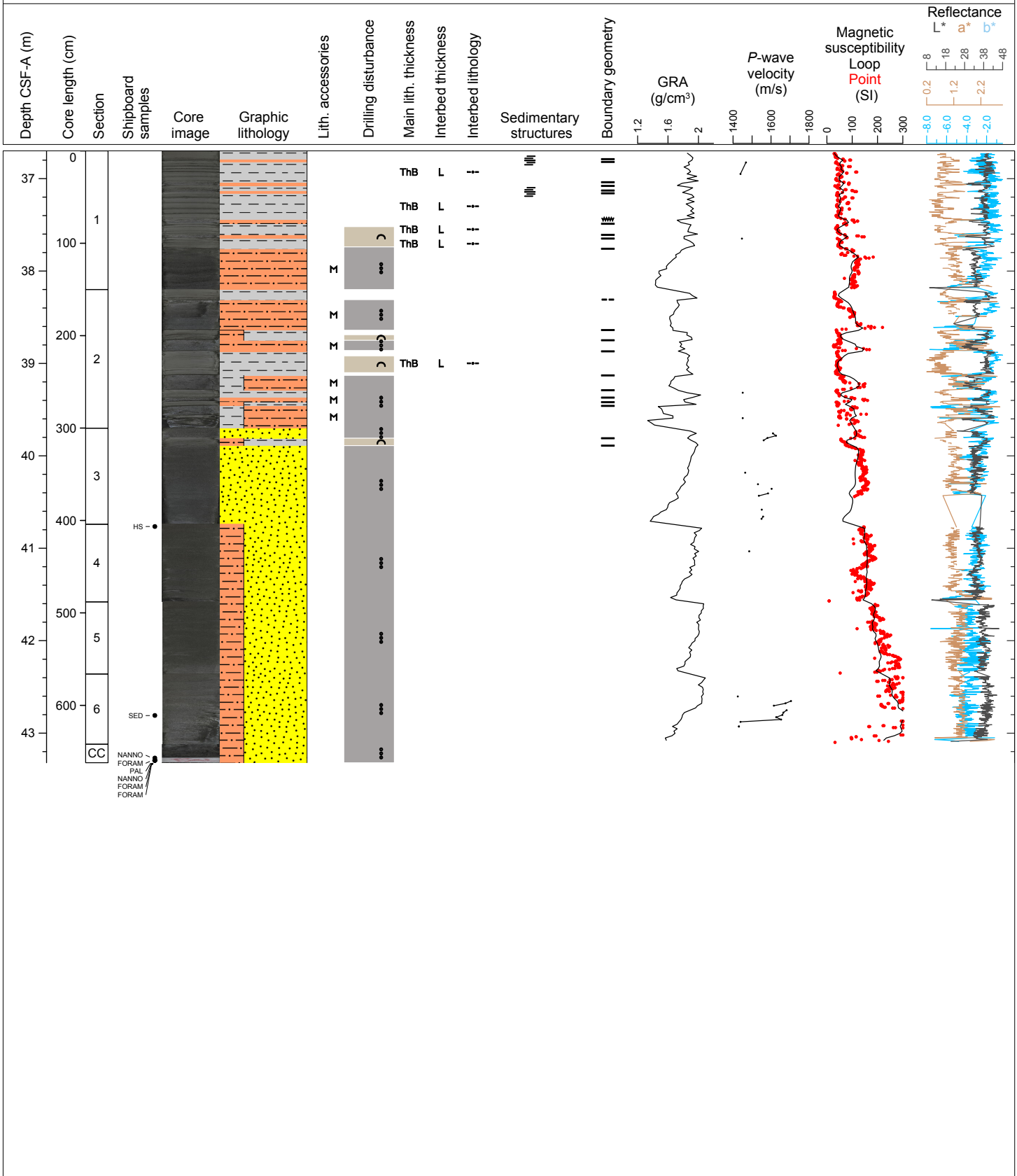
Major lithology: gray clay with thin silt interbeds and silt with thin clay interbeds; General comments: succession of mud turbidites.

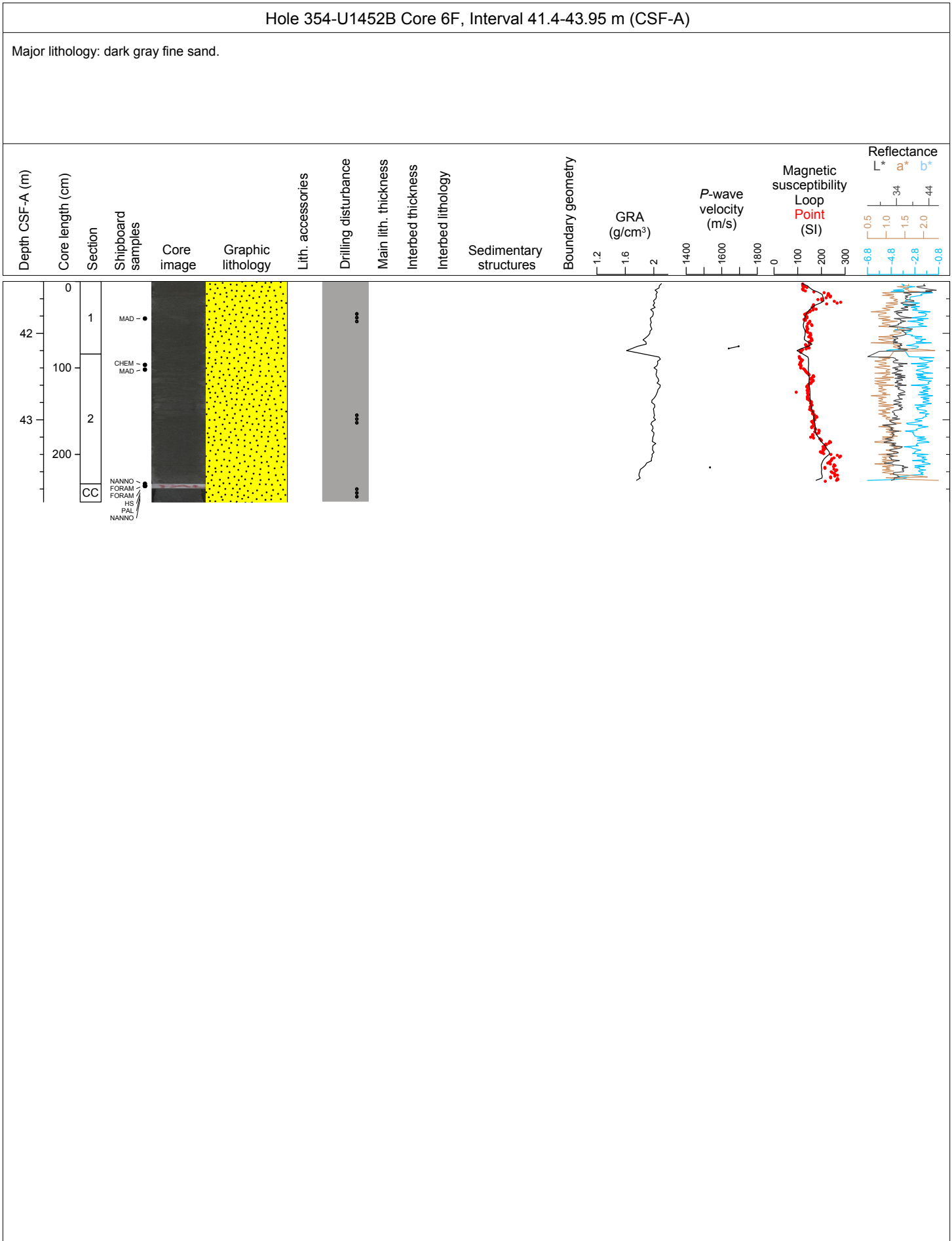




Hole 354-U1452B Core 5H, Interval 36.7-43.32 m (CSF-A)

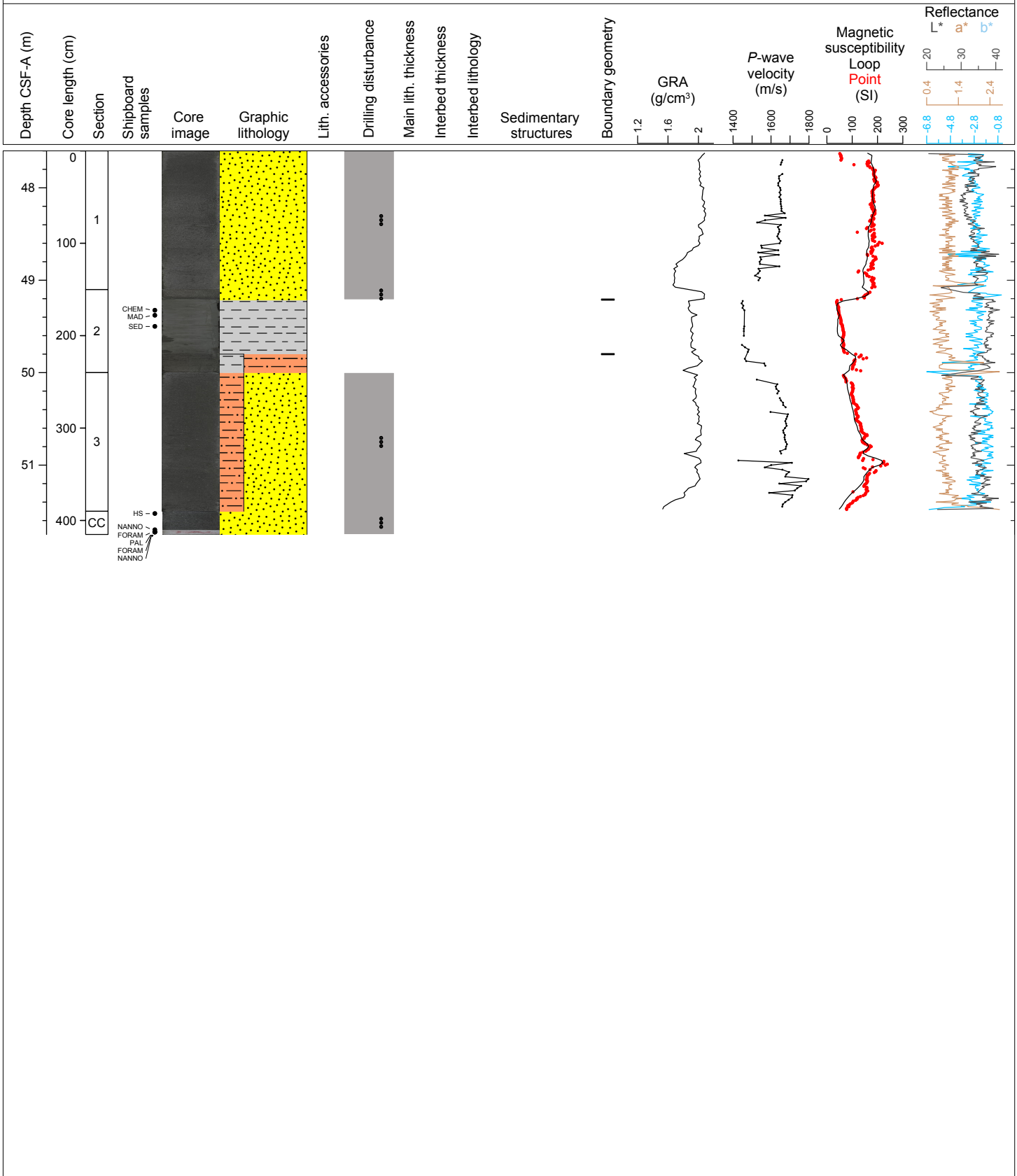
Major lithology: dark gray silty fine sand; Minor lithology: dark gray clay and dark gray parallel laminated silt.

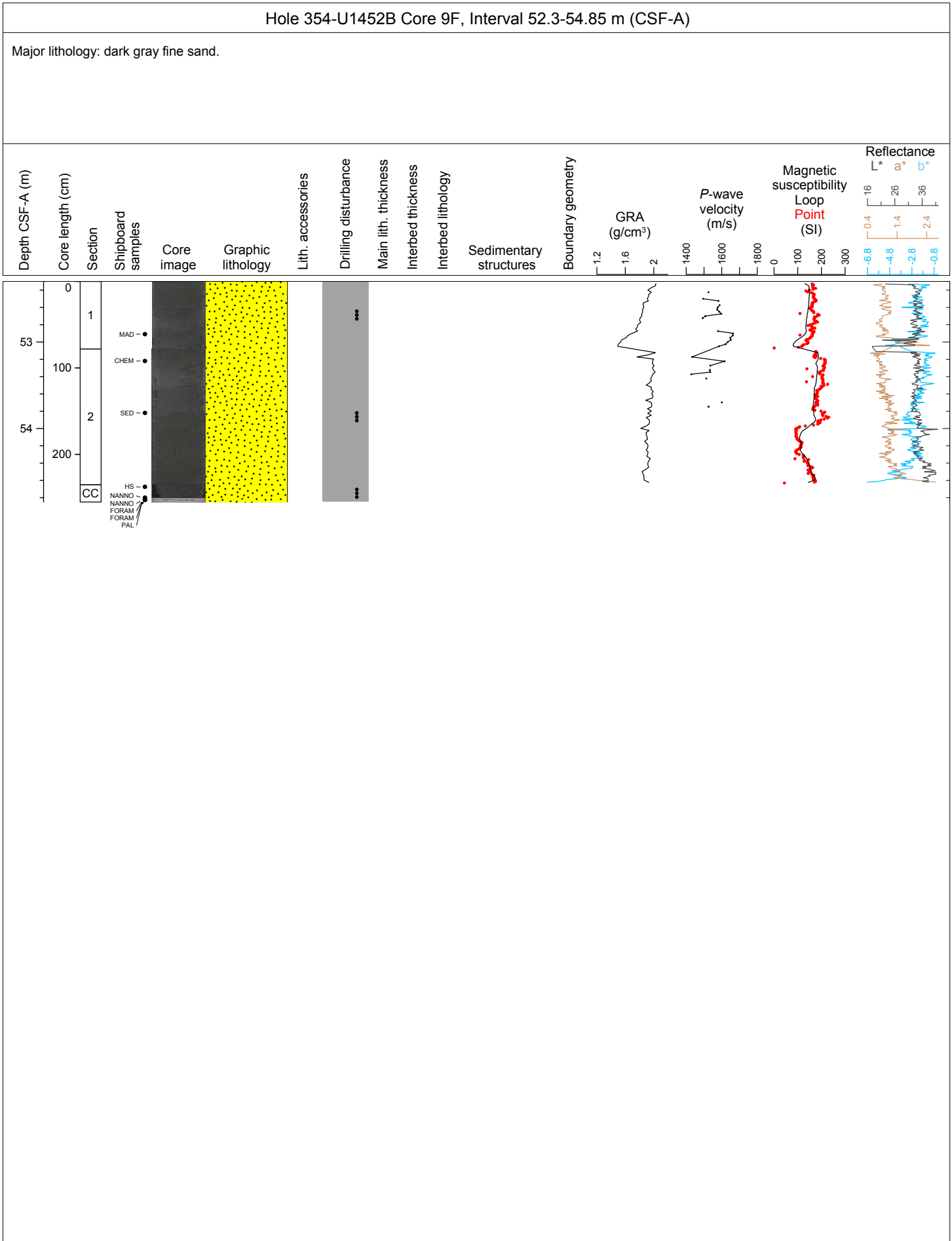




Hole 354-U1452B Core 8F, Interval 47.6-51.75 m (CSF-A)

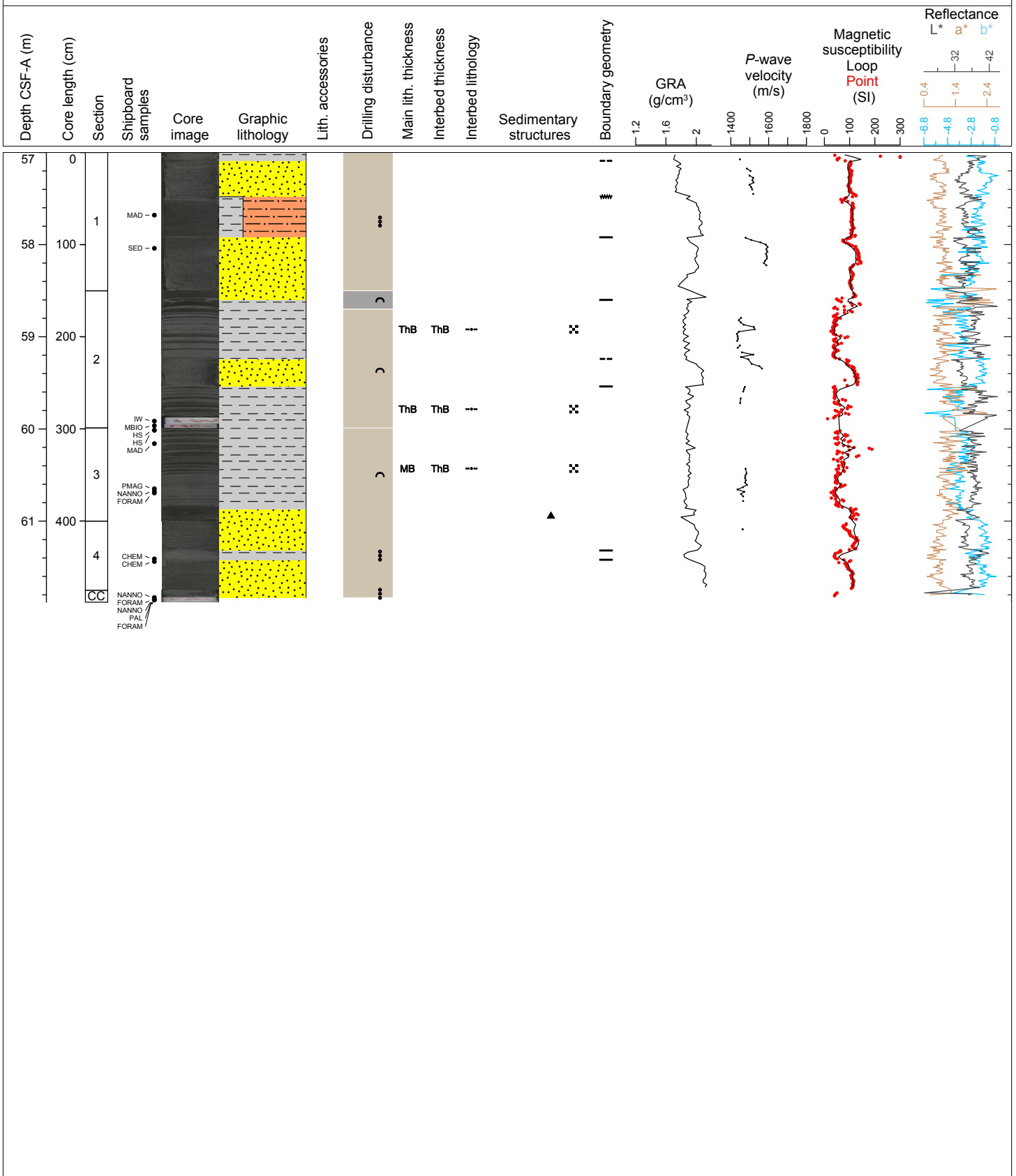
Major lithology: dark gray fine sand; Minor lithology: dark gray clay and dark gray clayey silt.





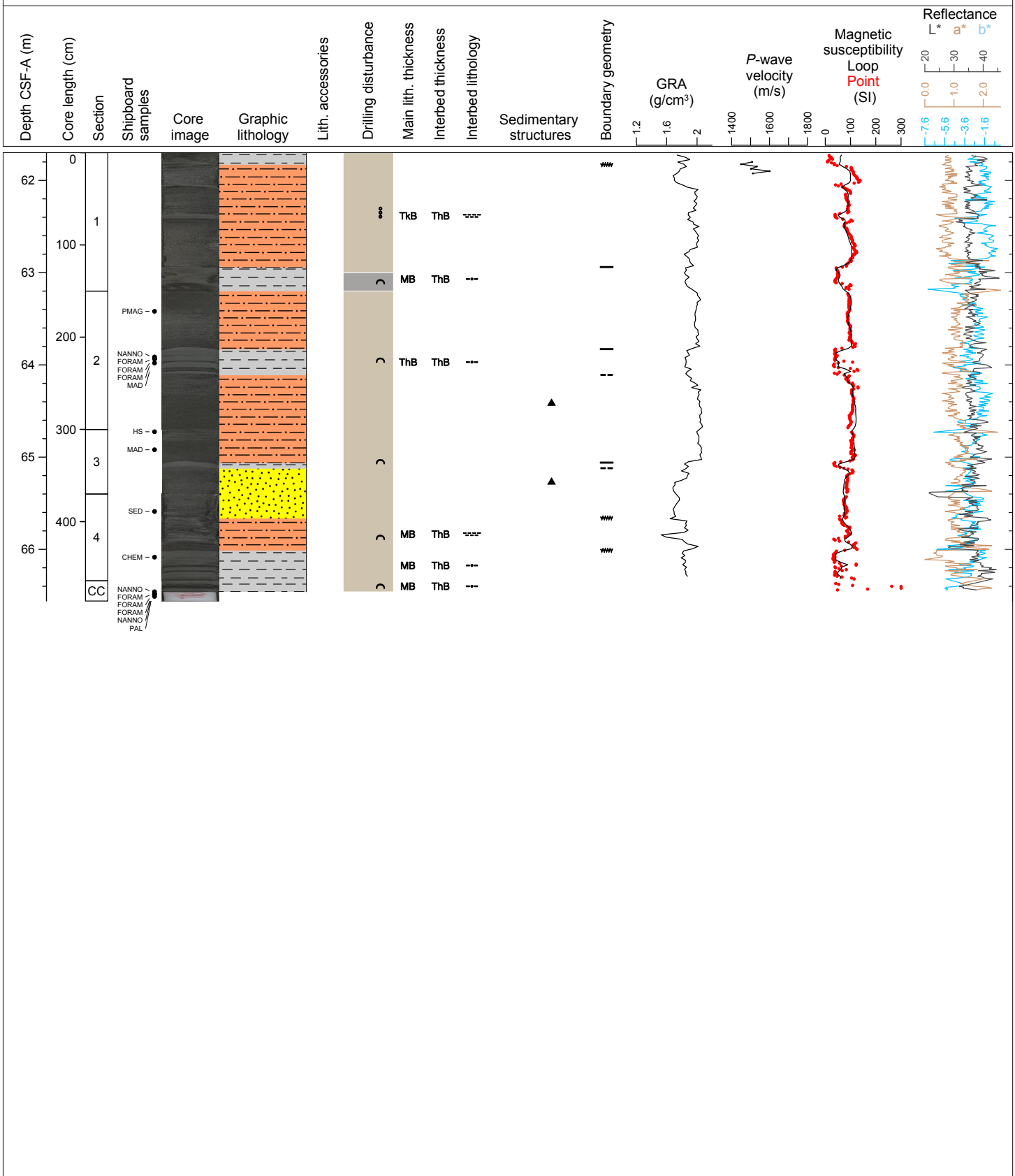
Hole 354-U1452B Core 10F, Interval 57.0-61.88 m (CSF-A)

Major lithology: dark gray fine sand; Minor lithology: dark gray clay and silt.



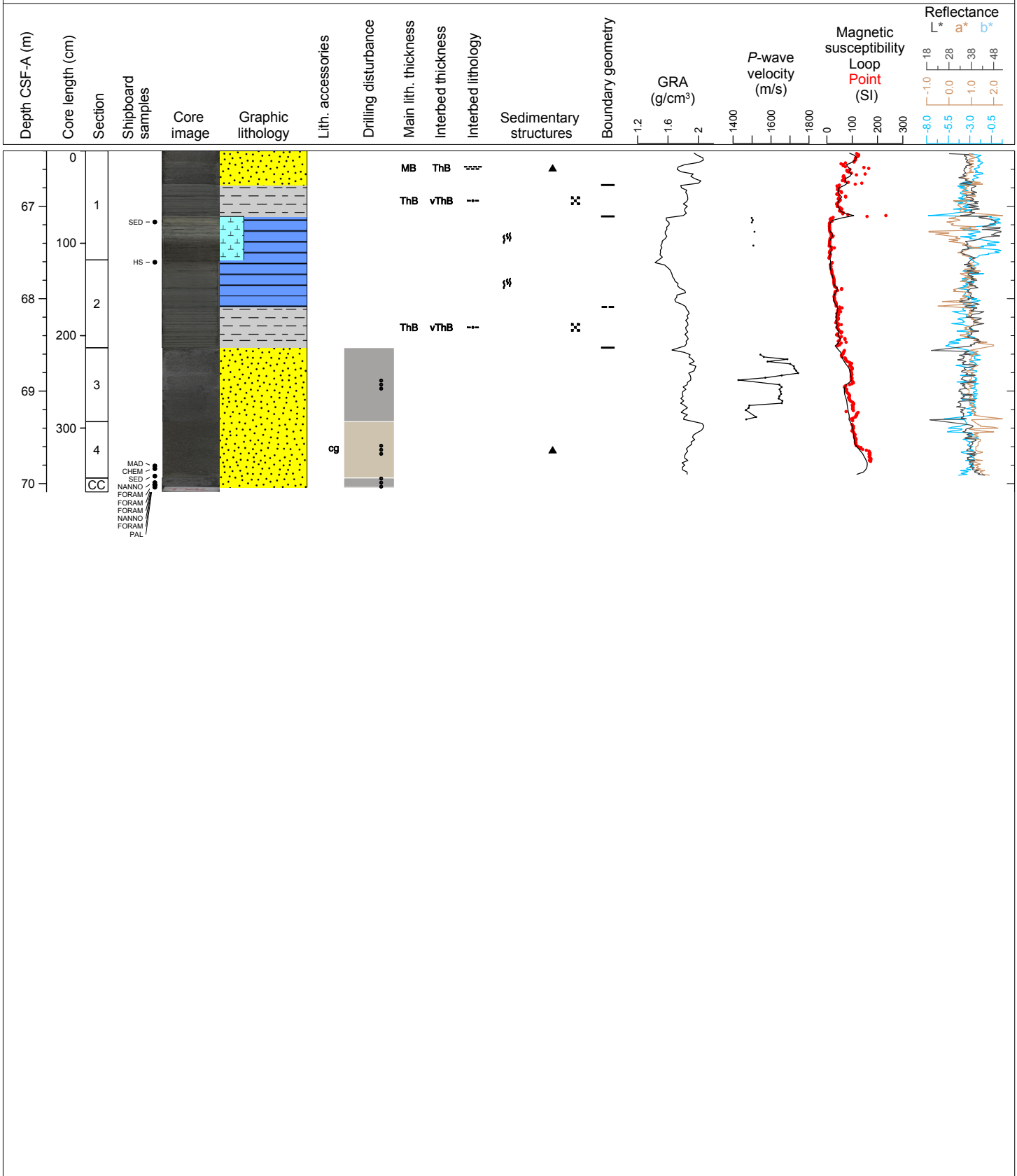
Hole 354-U1452B Core 11F, Interval 61.7-66.56 m (CSF-A)

Major lithology: gray medium bedded silt with thin clay interbeds; Minor lithology: sand and clay; General comments: succession of mud turbidites.



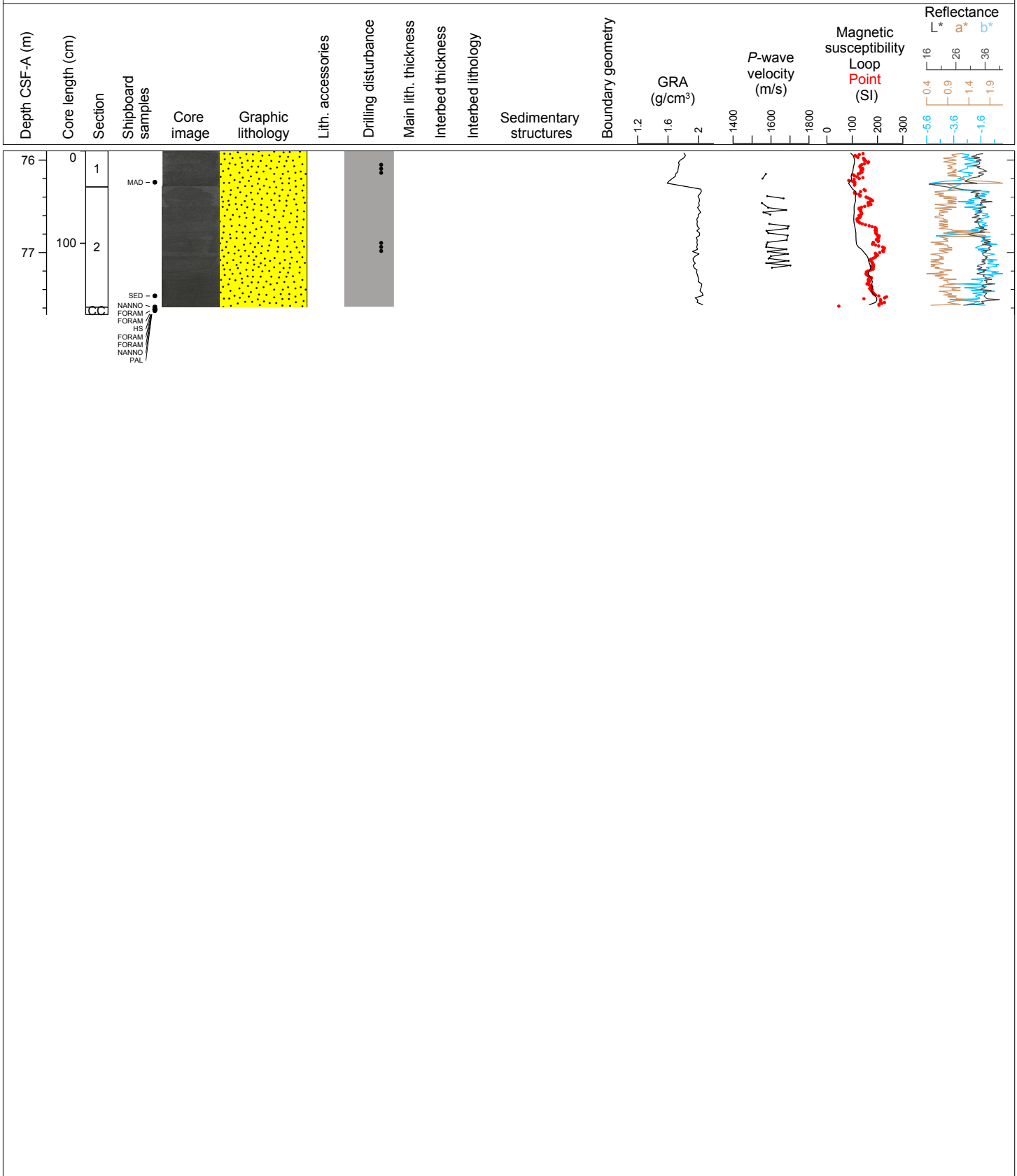
Hole 354-U1452B Core 12F, Interval 66.4-70.09 m (CSF-A)

Major lithology: dark gray sand; Minor lithology: light gray calcareous clay. General comments: section coarse grained sand fining upwards.



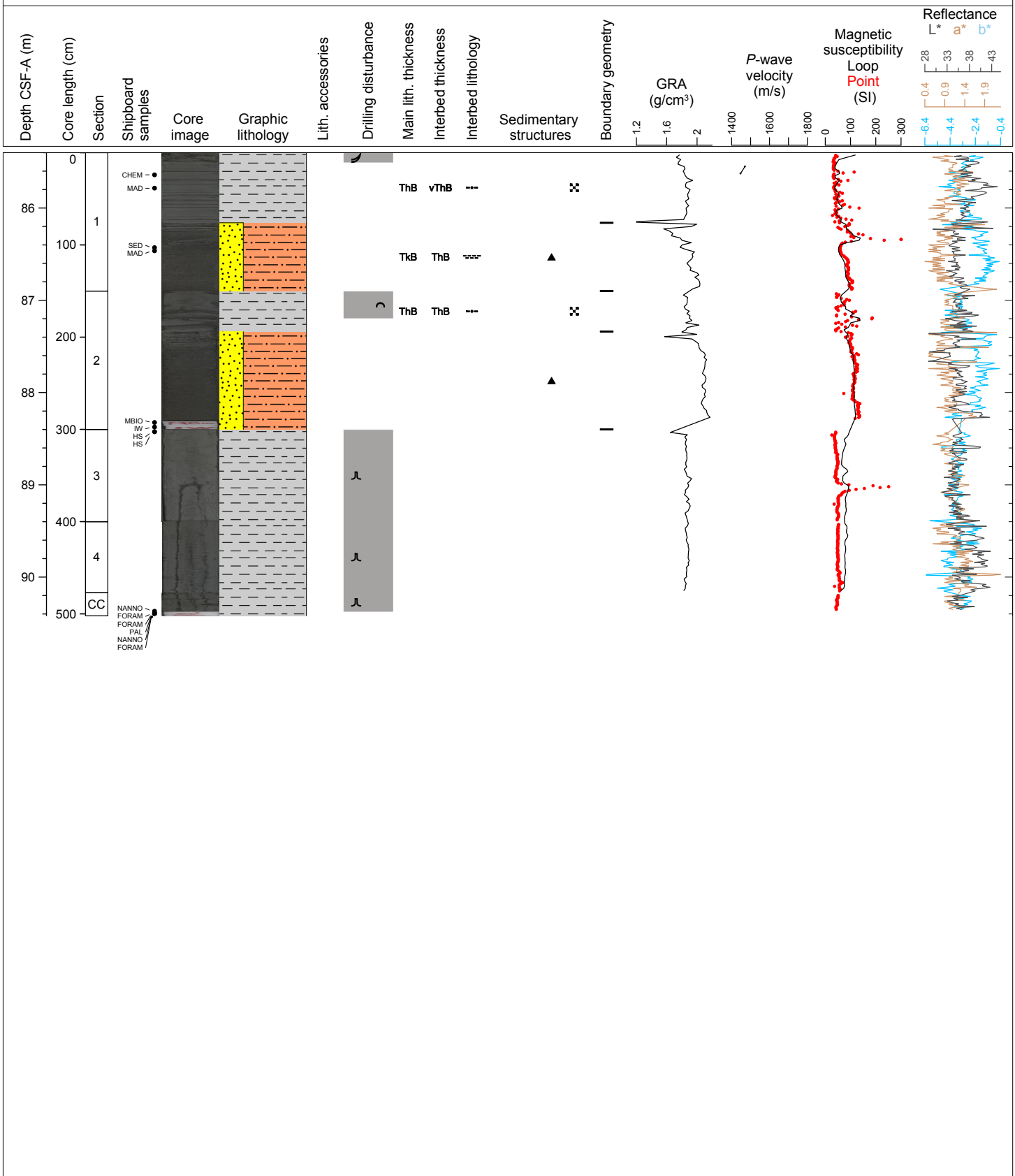
Hole 354-U1452B Core 14F, Interval 75.9-77.67 m (CSF-A)

Major lithology: dark gray sand; General comments: soupy texture



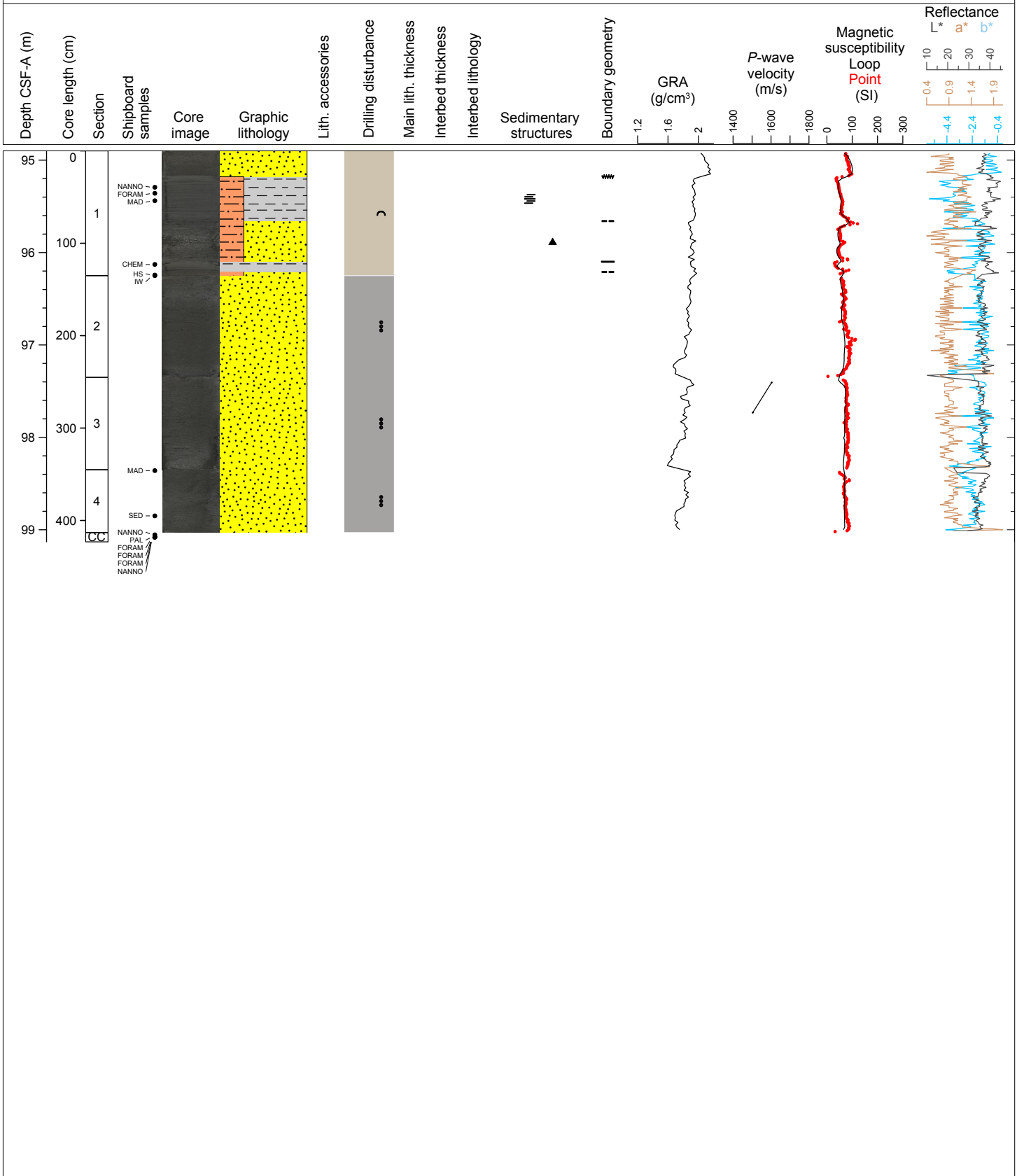
Hole 354-U1452B Core 16F, Interval 85.4-90.42 m (CSF-A)

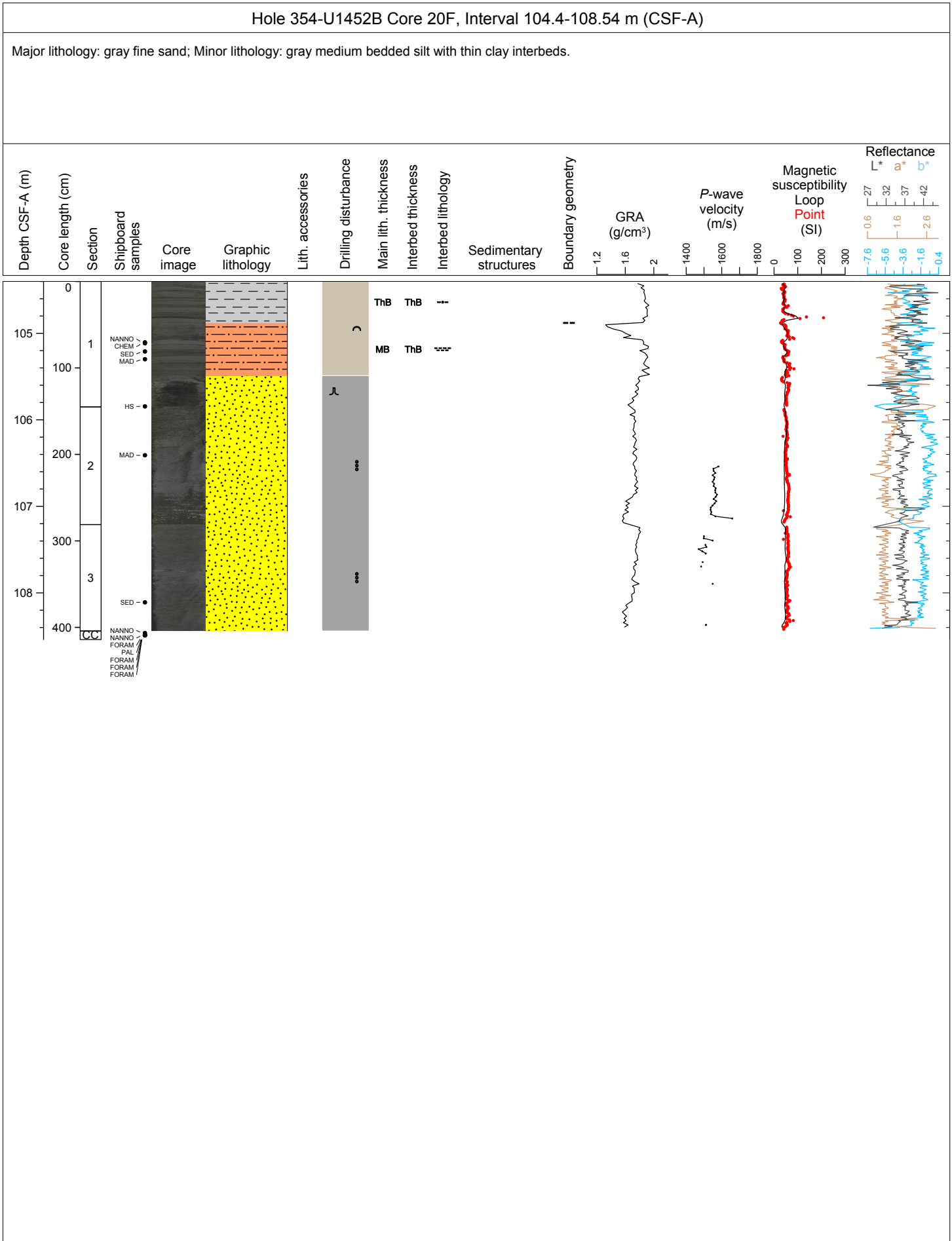
Major lithology: gray sandy silt with normal grading; Minor lithology: clay disturbed by flow-in.



Hole 354-U1452B Core 18F, Interval 94.9-99.13 m (CSF-A)

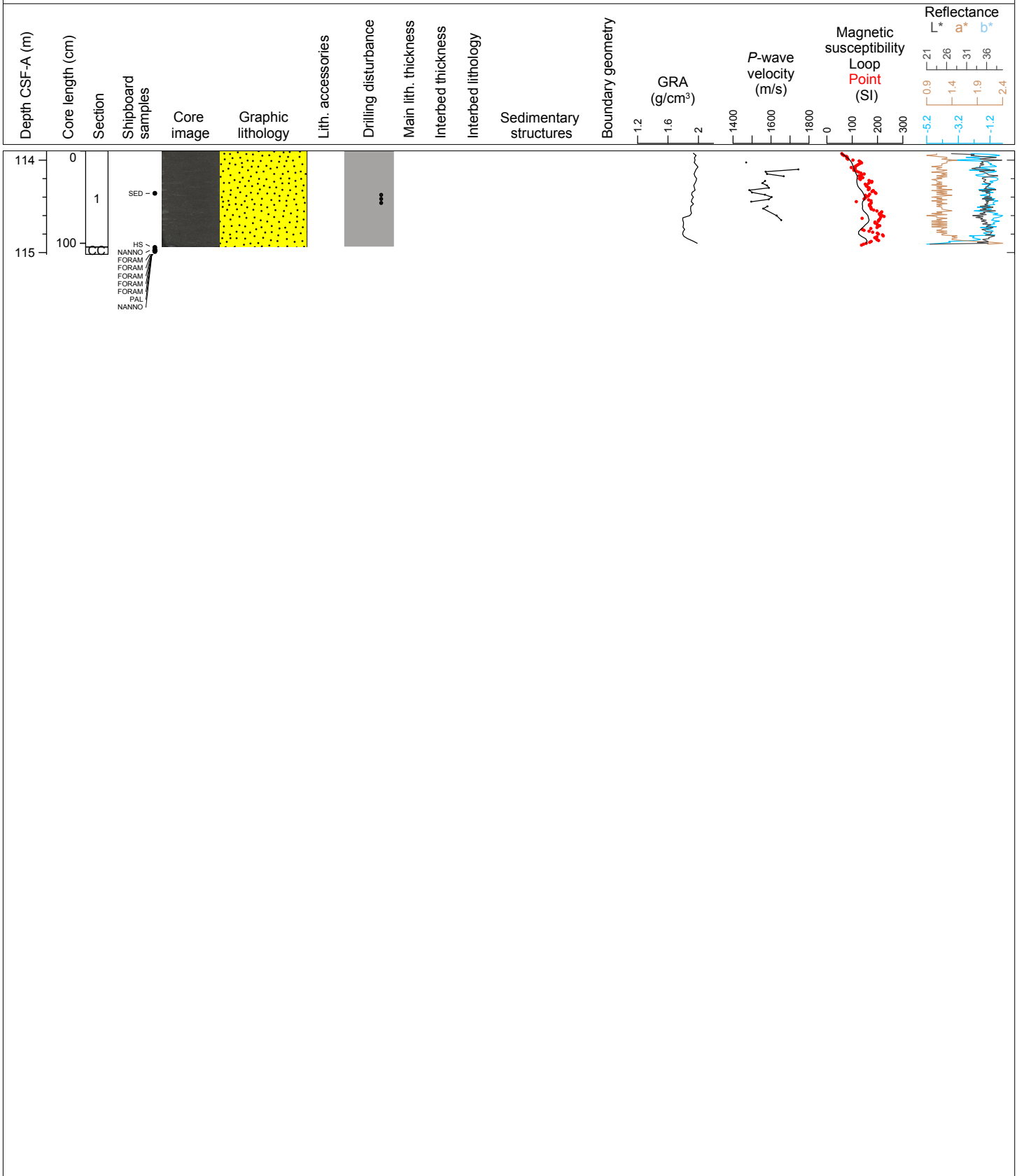
Major lithology: sand; minor lithology: silty clay.





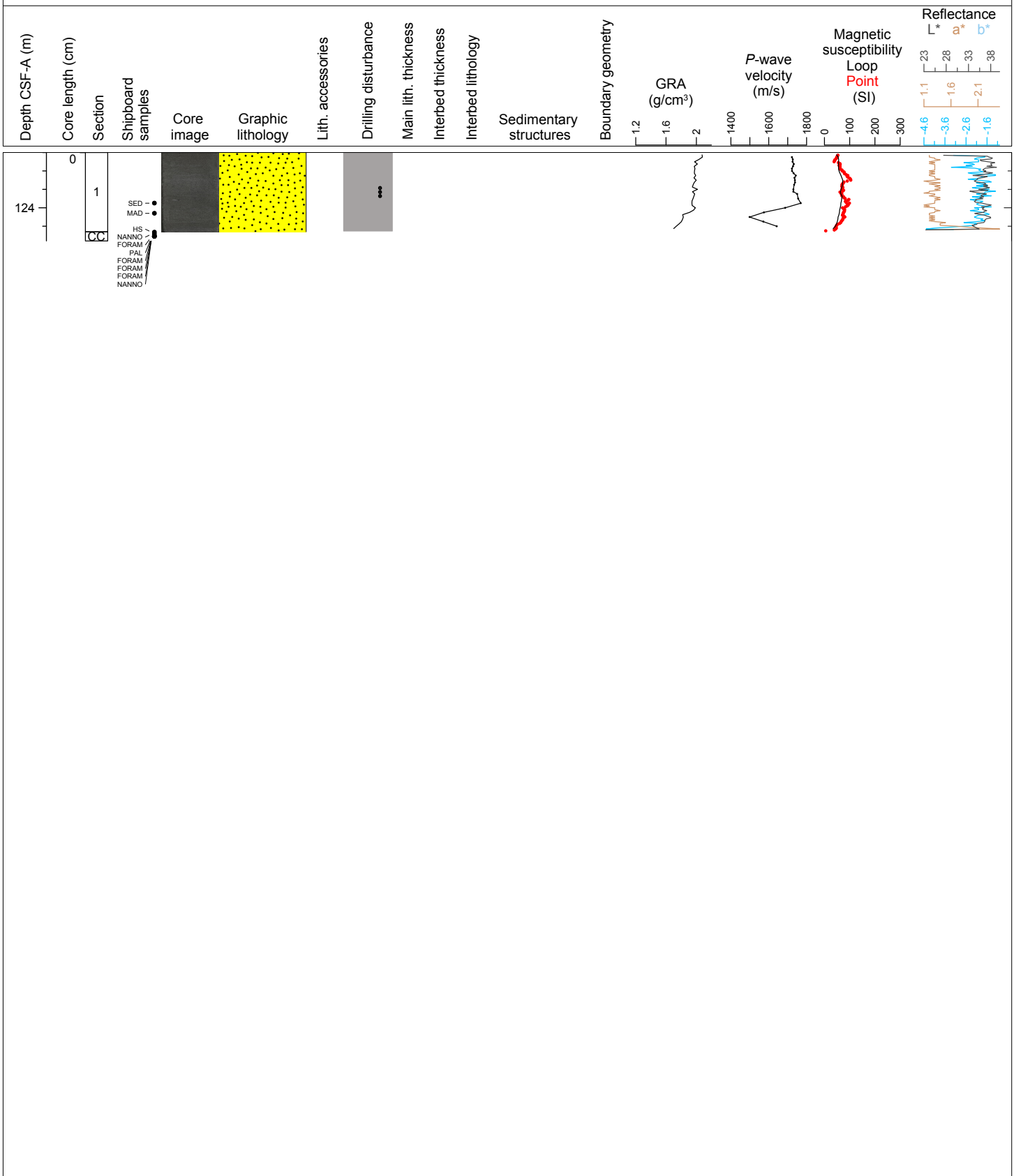
Hole 354-U1452B Core 22F, Interval 113.9-115.02 m (CSF-A)

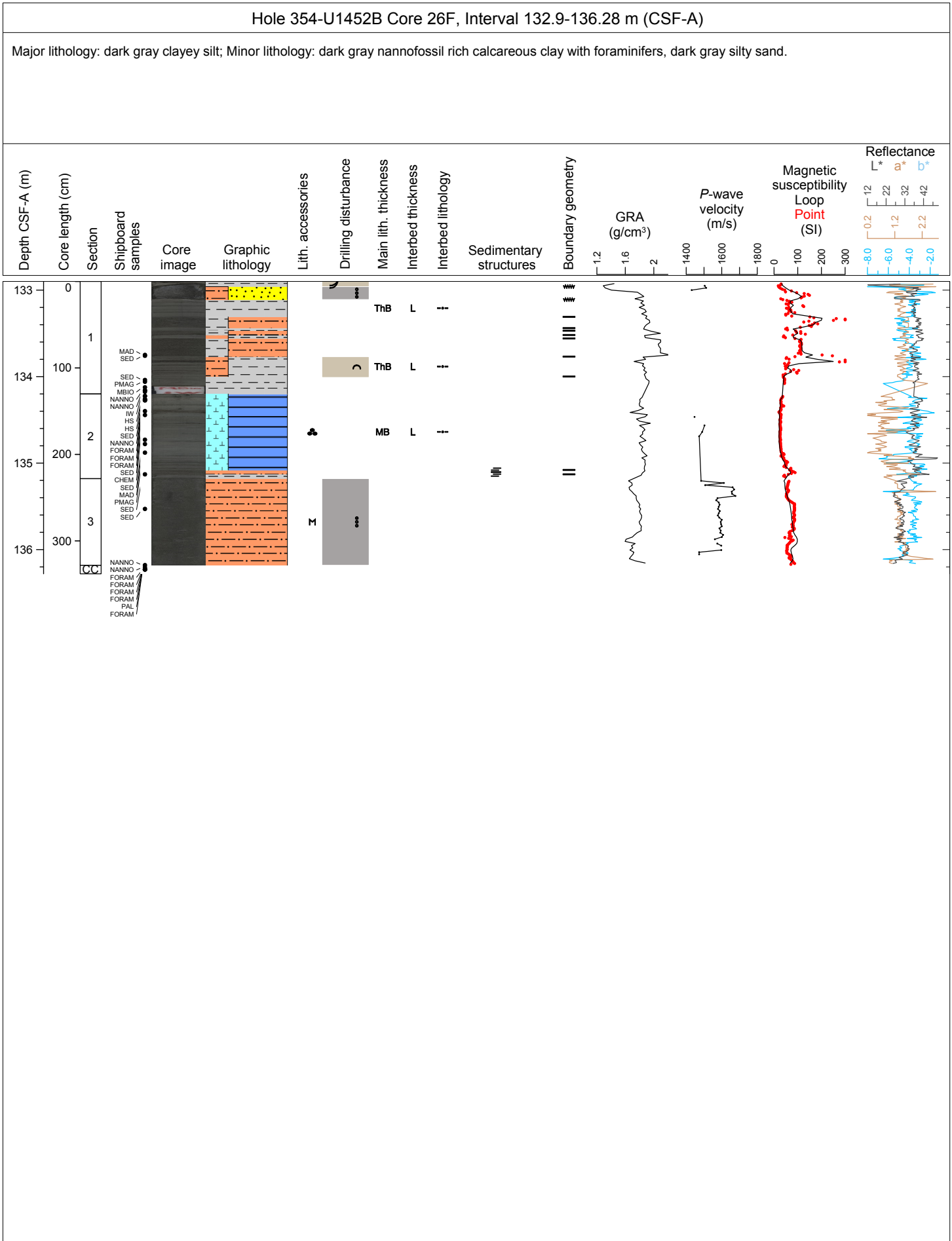
Major lithology: dark gray fine sand.

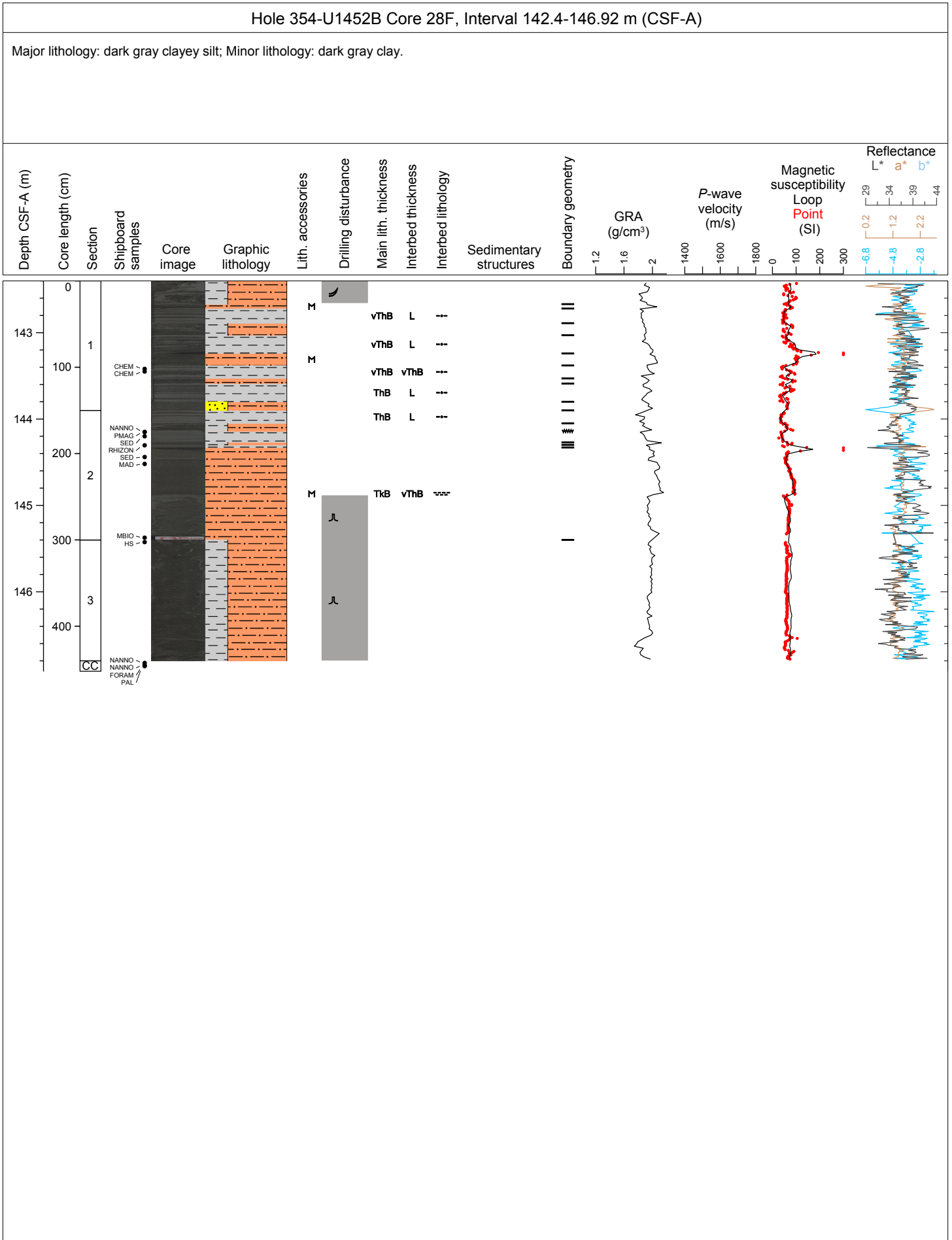


Hole 354-U1452B Core 24F, Interval 123.4-124.36 m (CSF-A)

Major lithology: dark gray fine sand.

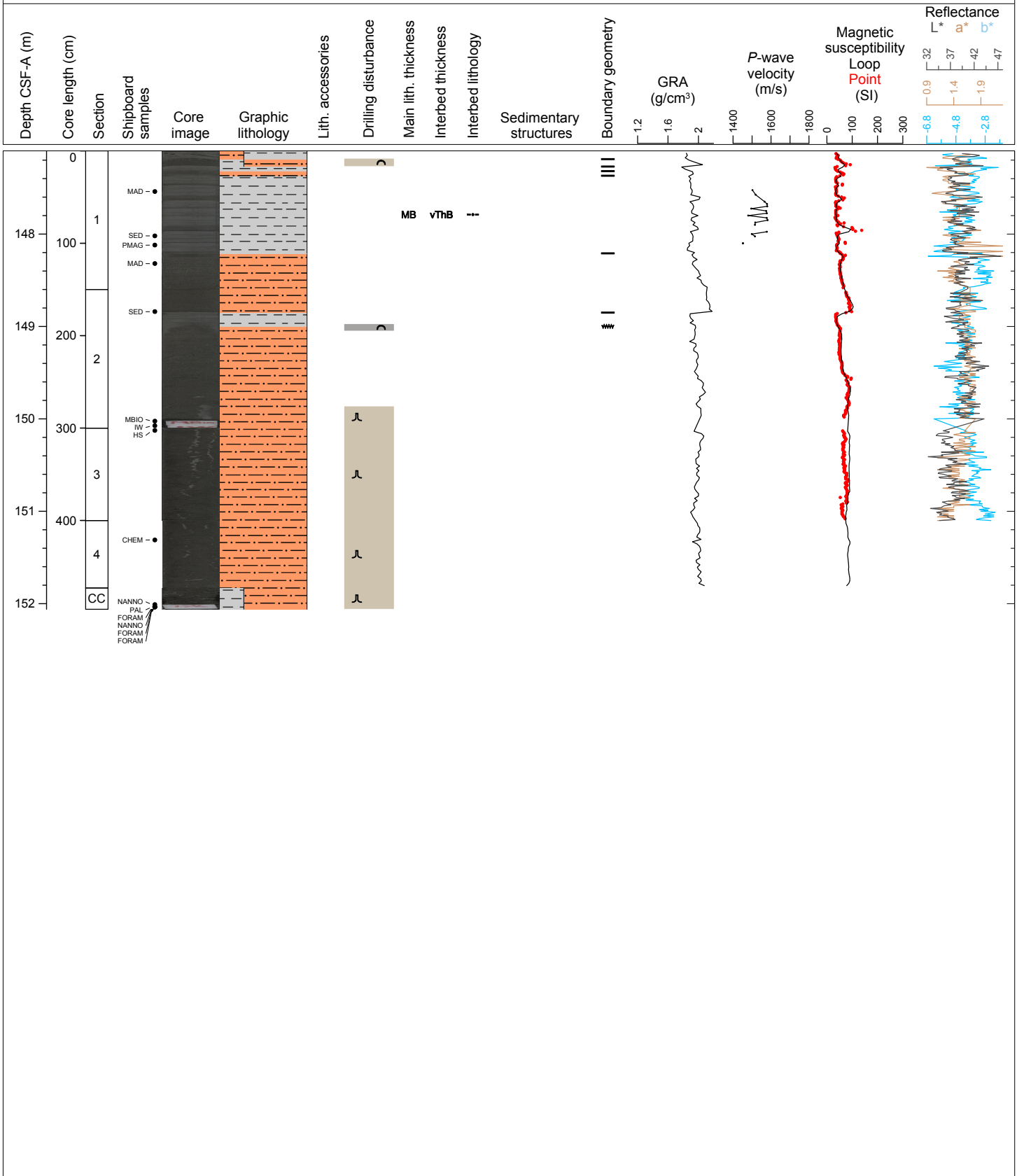






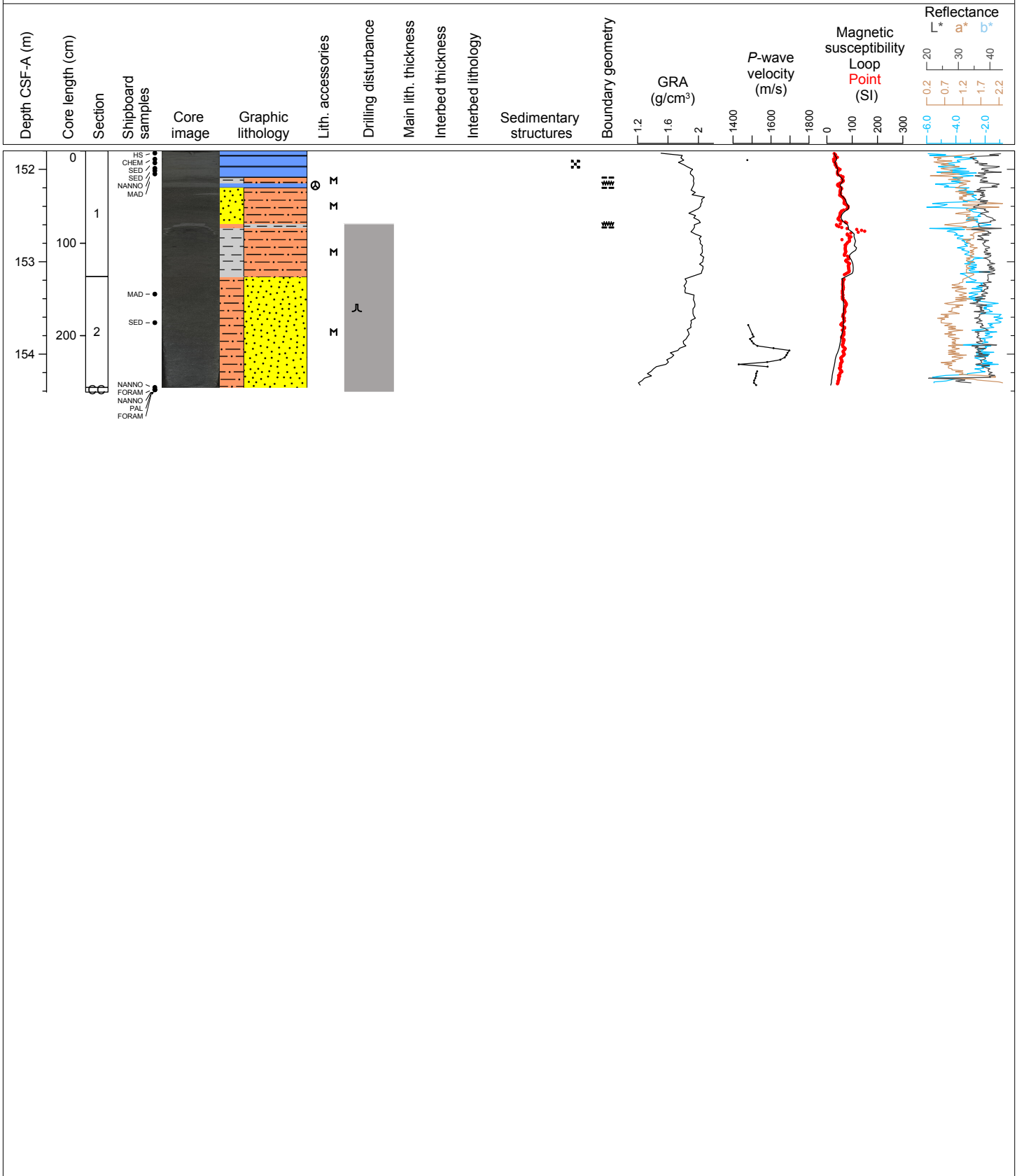
Hole 354-U1452B Core 29F, Interval 147.1-152.06 m (CSF-A)

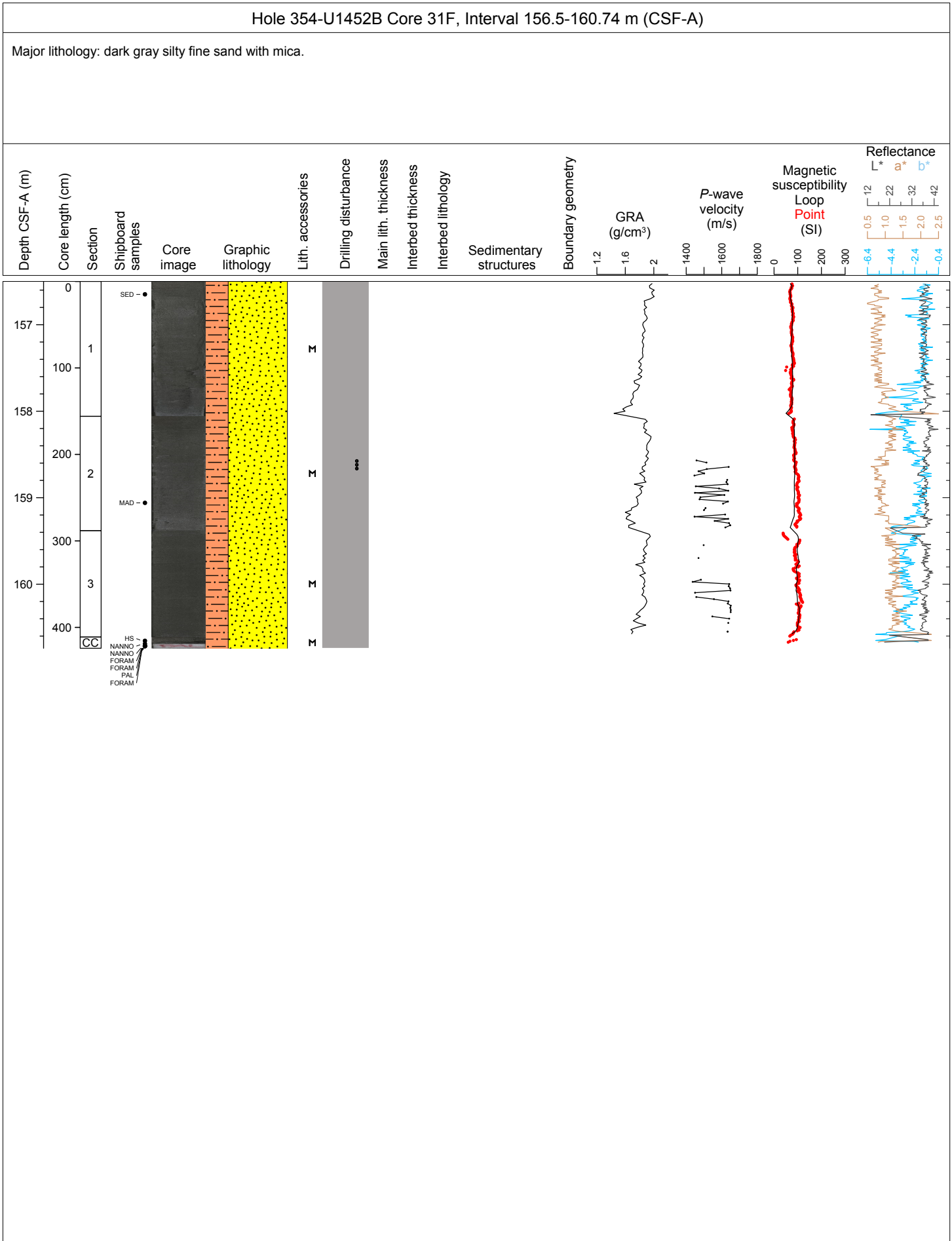
Major lithology: dark gray silt; Minor lithology: dark gray clay.



Hole 354-U1452B Core 30F, Interval 151.8-154.41 m (CSF-A)

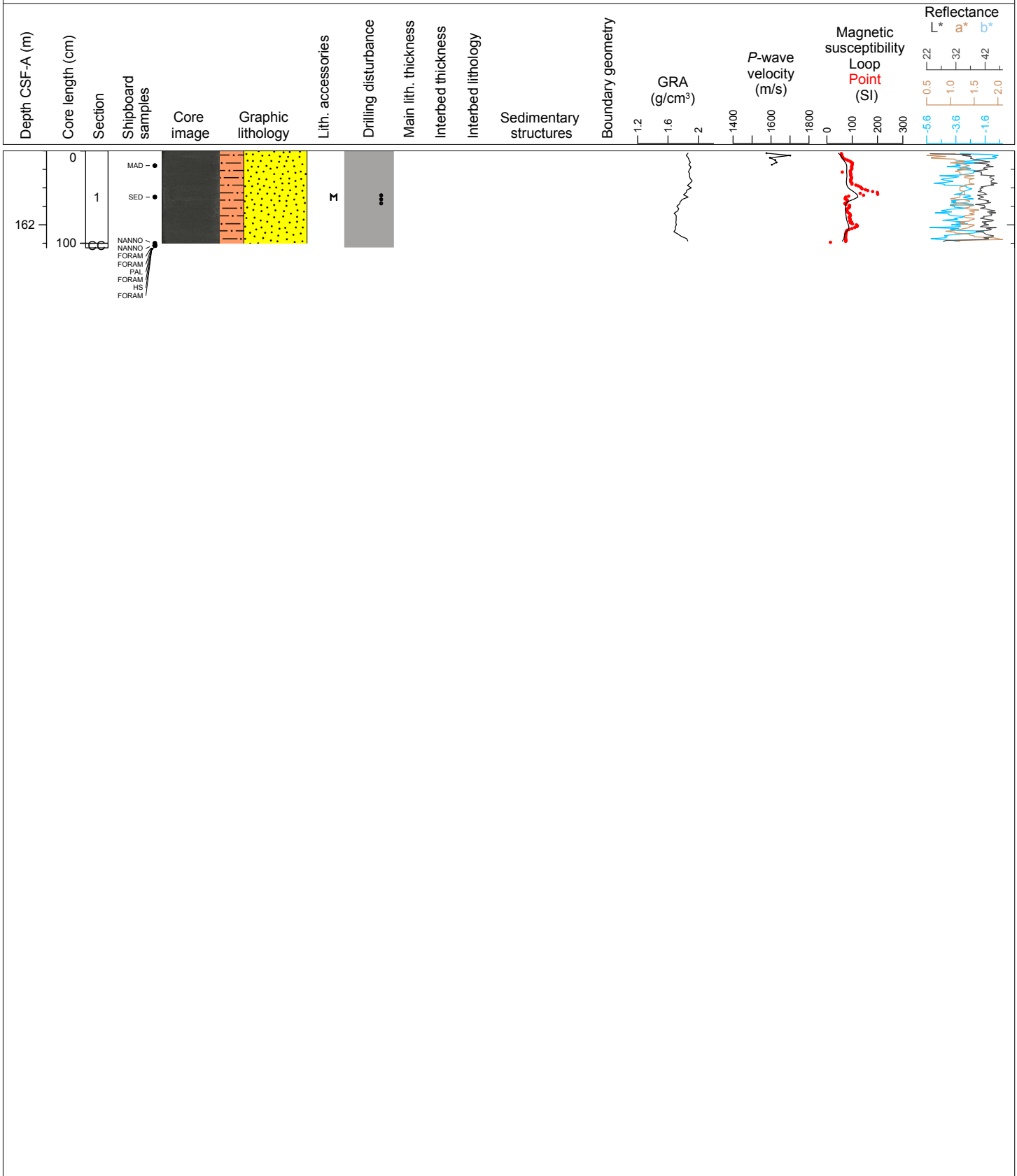
Major lithology: dark gray silty fine sand with mica; Minor lithology: greenish gray mottled nannofossil-rich calcareous clay, dark gray clayey silt with mica.





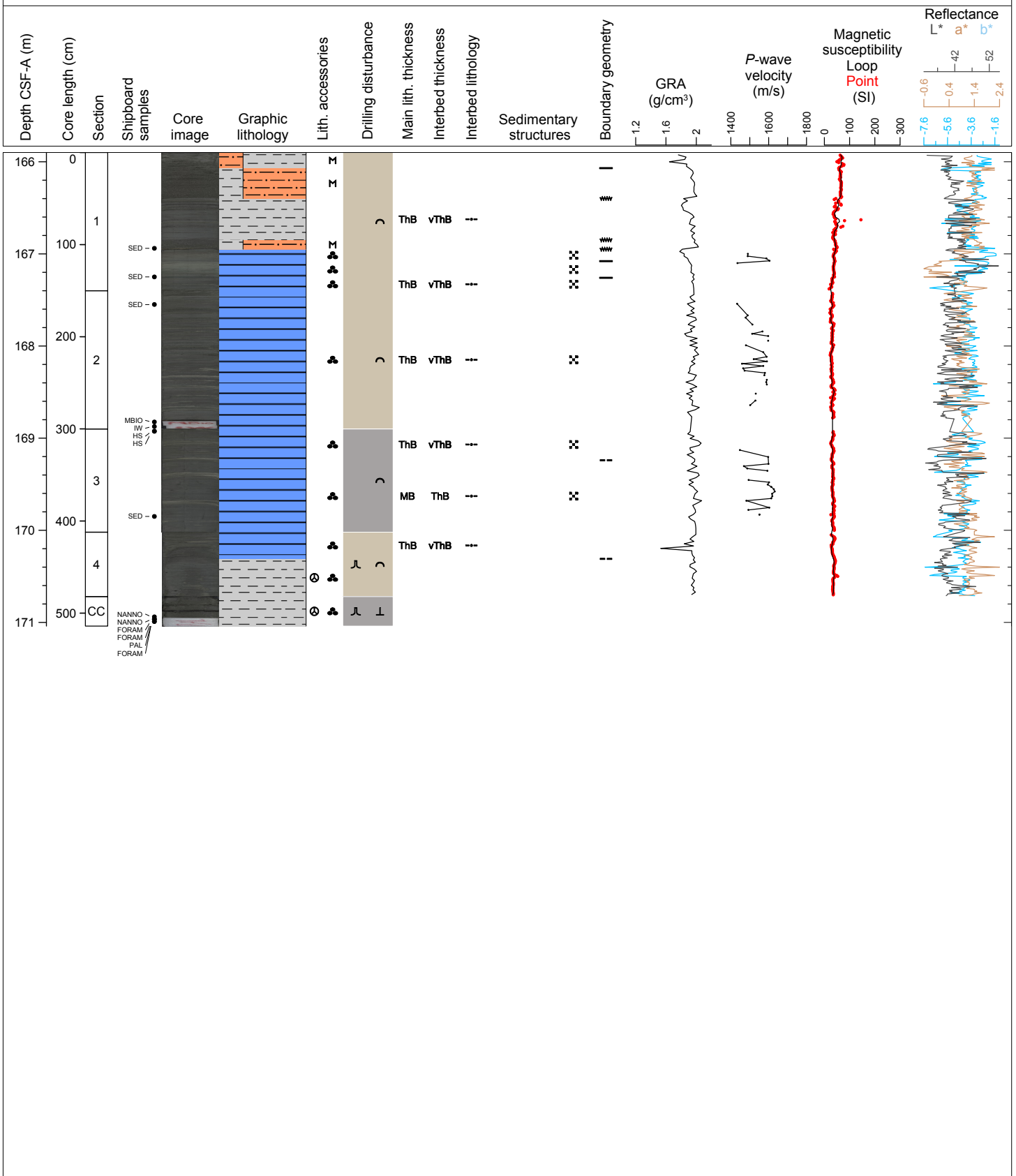
Hole 354-U1452B Core 32F, Interval 161.2-162.25 m (CSF-A)

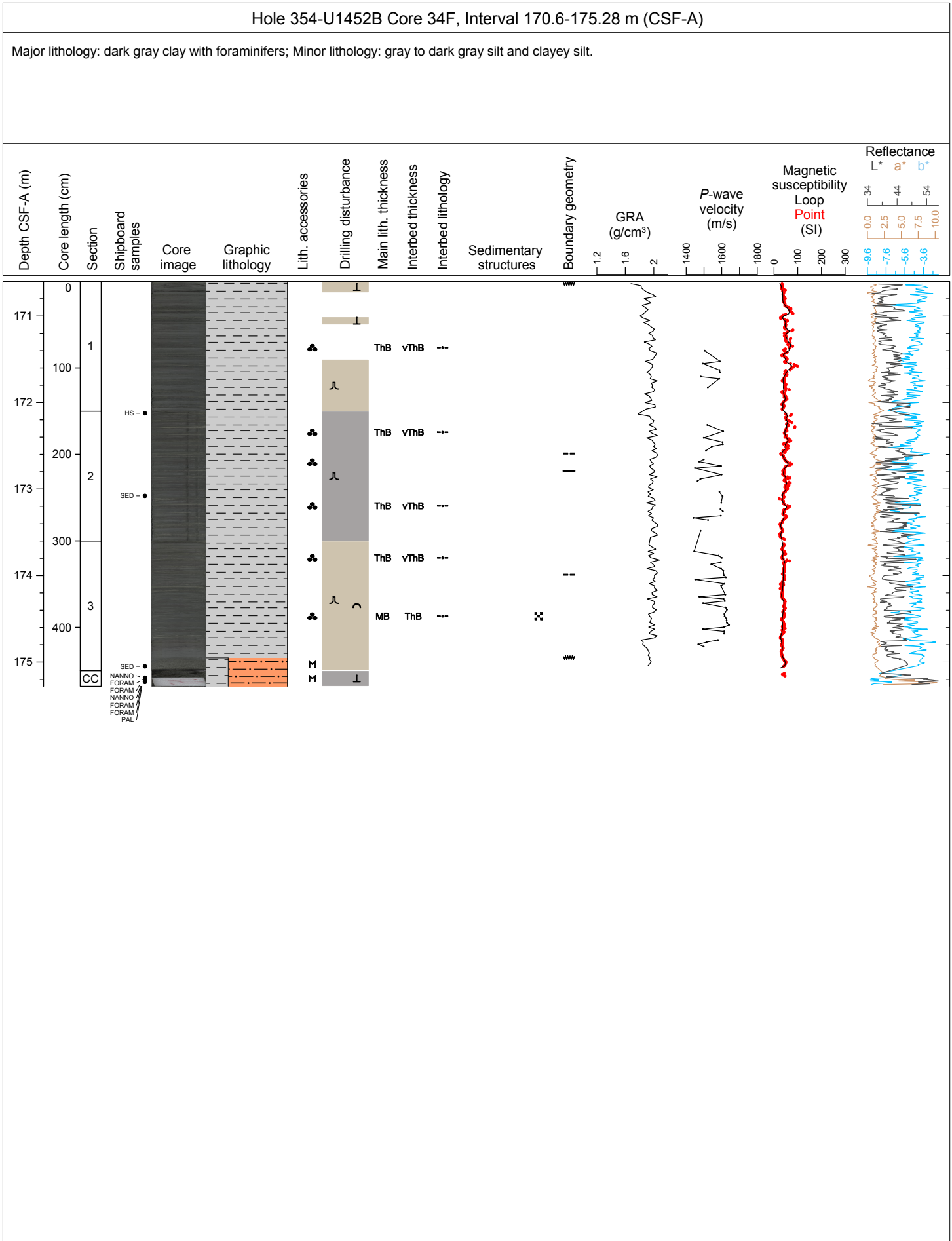
Major lithology: dark gray silty fine sand with mica.

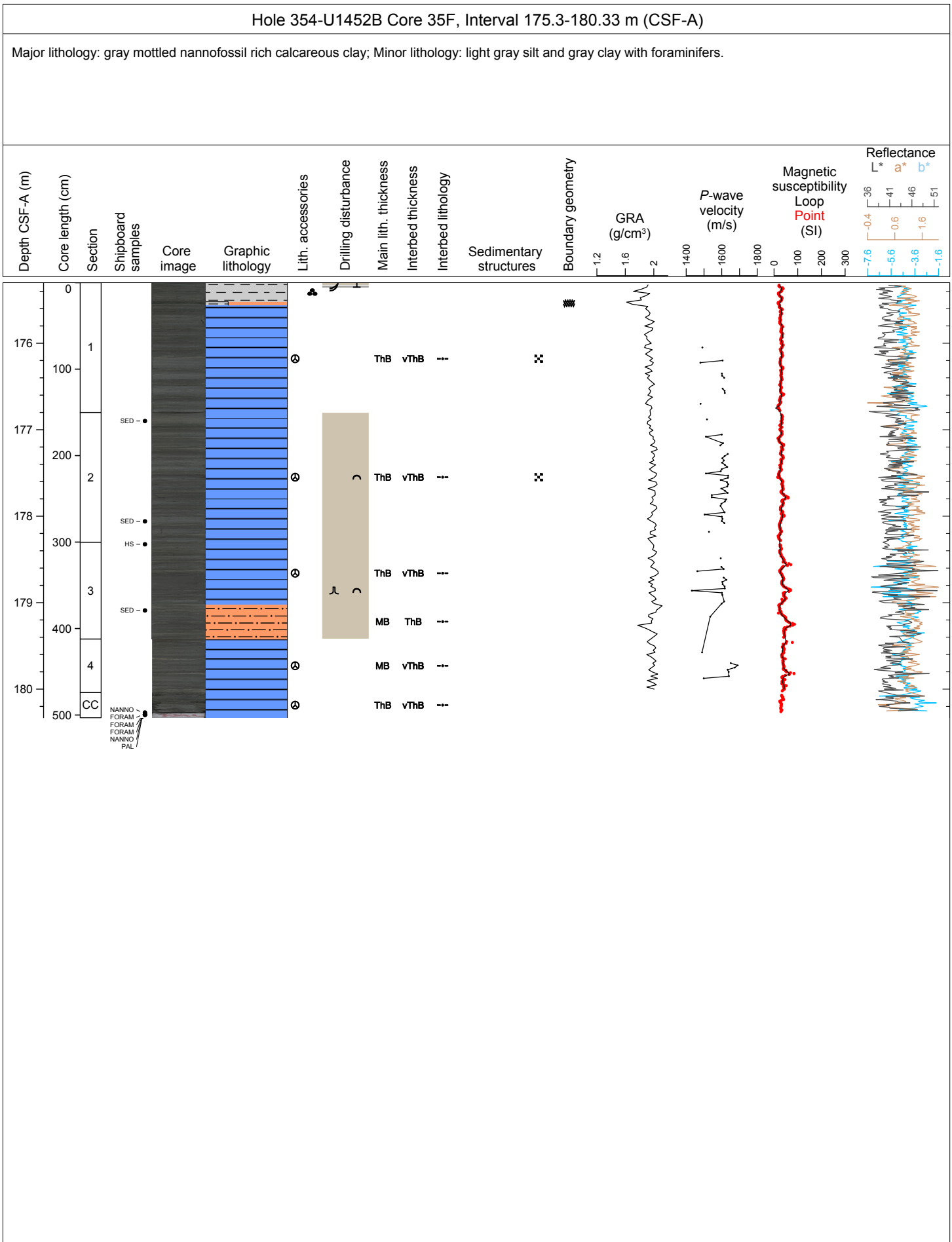


Hole 354-U1452B Core 33F, Interval 165.9-171.04 m (CSF-A)

Major lithology: gray to dark gray mottled nannofossil rich calcareous clay with foraminifers; Minor lithology: gray to dark gray clayey silt and dark gray silty clay.

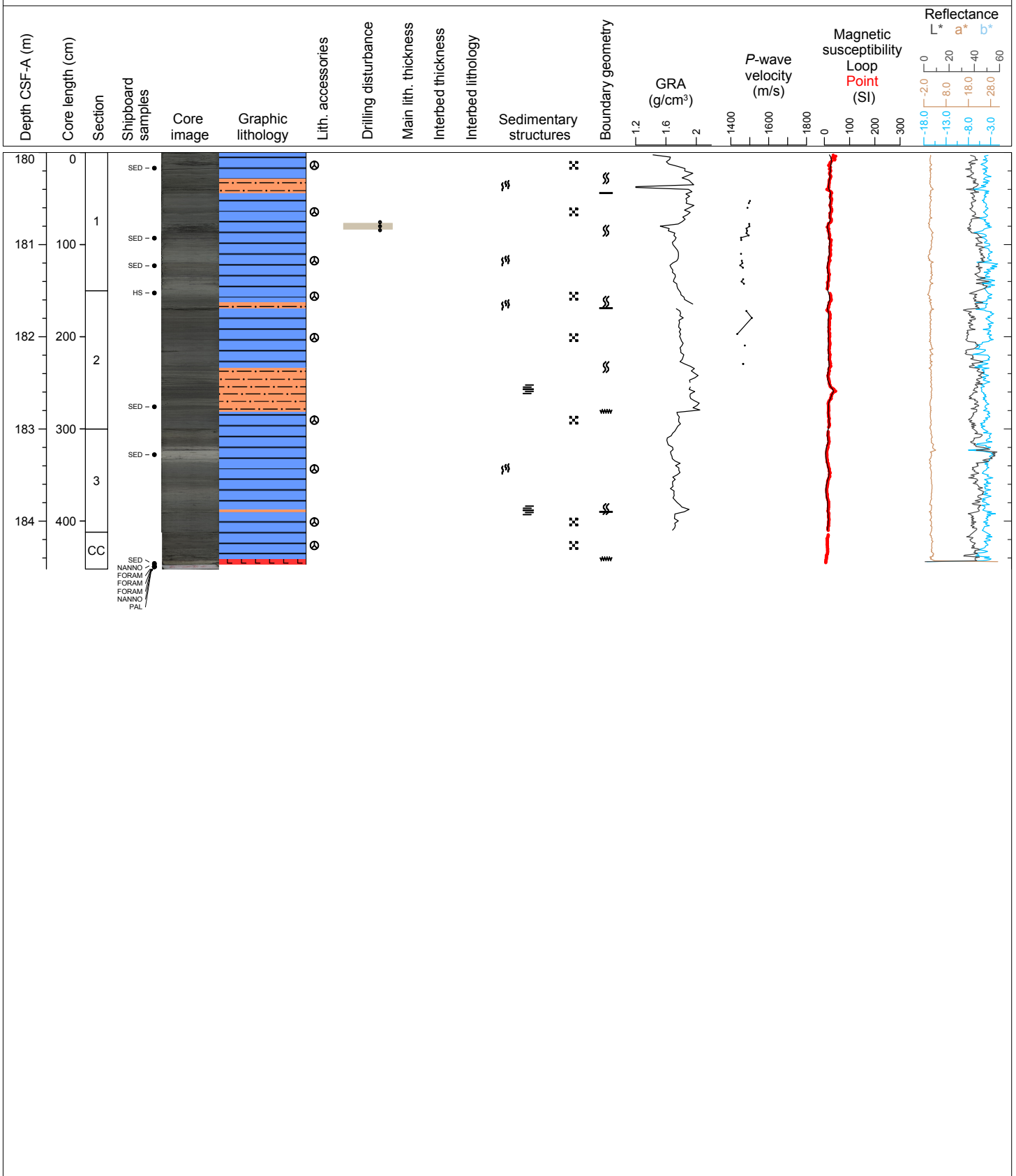






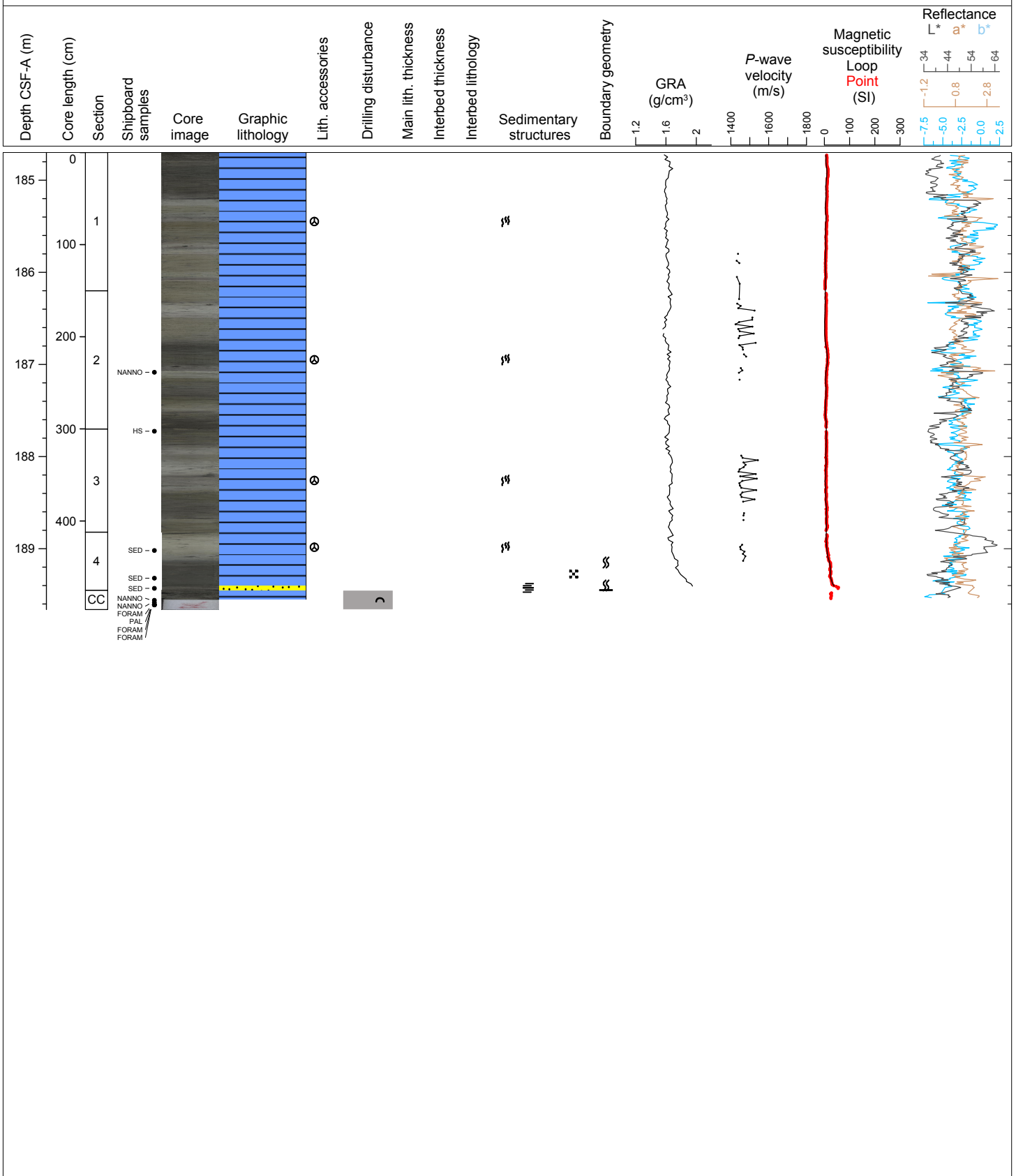
Hole 354-U1452B Core 36F, Interval 180.0-184.52 m (CSF-A)

Major lithology: dark gray nannofossil-rich clay; Minor lithology: silt. General comments: well sorted white silt thin layers with lamination.



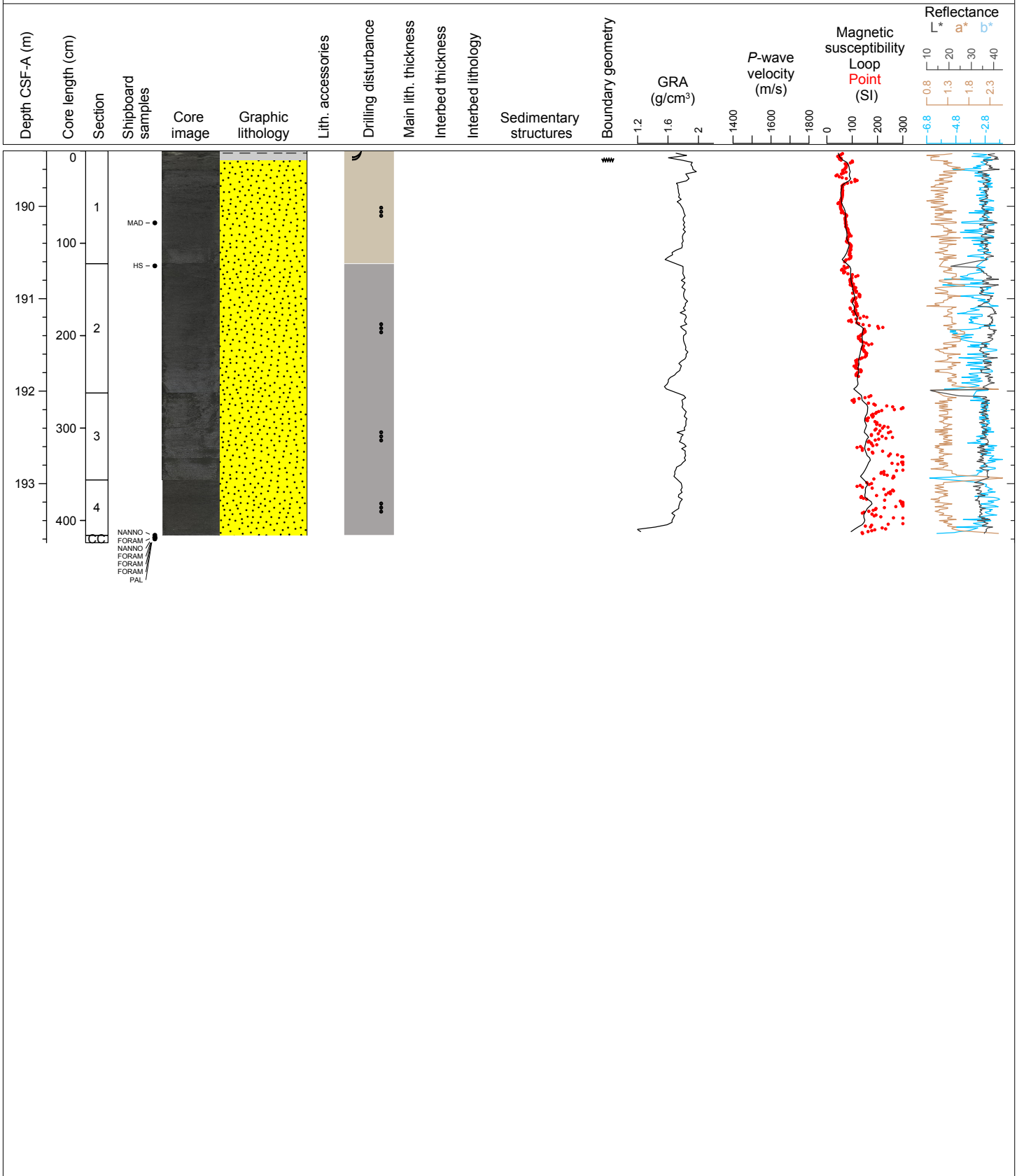
Hole 354-U1452B Core 37F, Interval 184.7-189.66 m (CSF-A)

Major lithology: gray to white calcareous nannofossil clay; Minor lithology: gray fine sand.



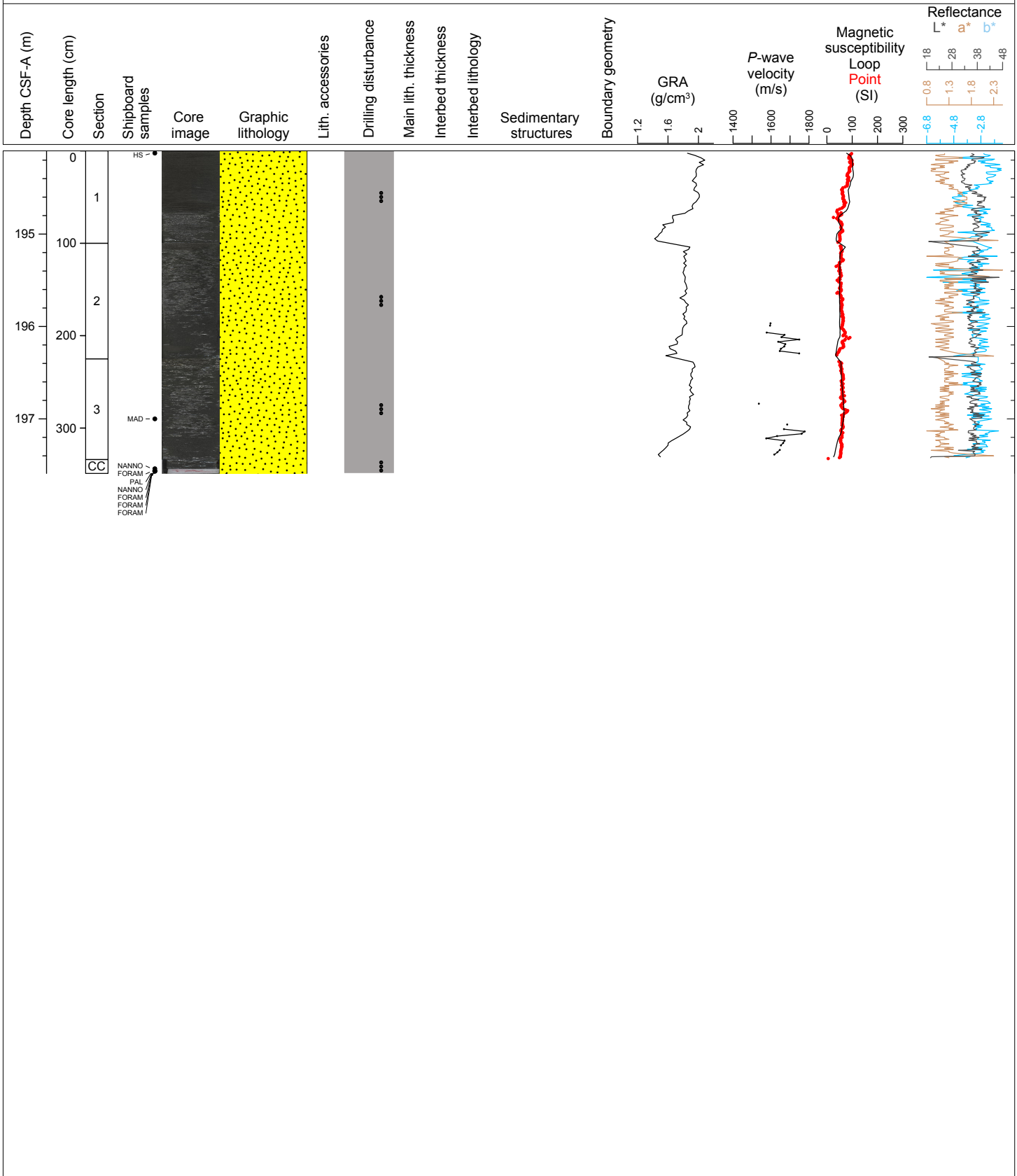
Hole 354-U1452B Core 38F, Interval 189.4-193.64 m (CSF-A)

Major lithology: dark gray fine sand; Minor lithology: dark gray clay.



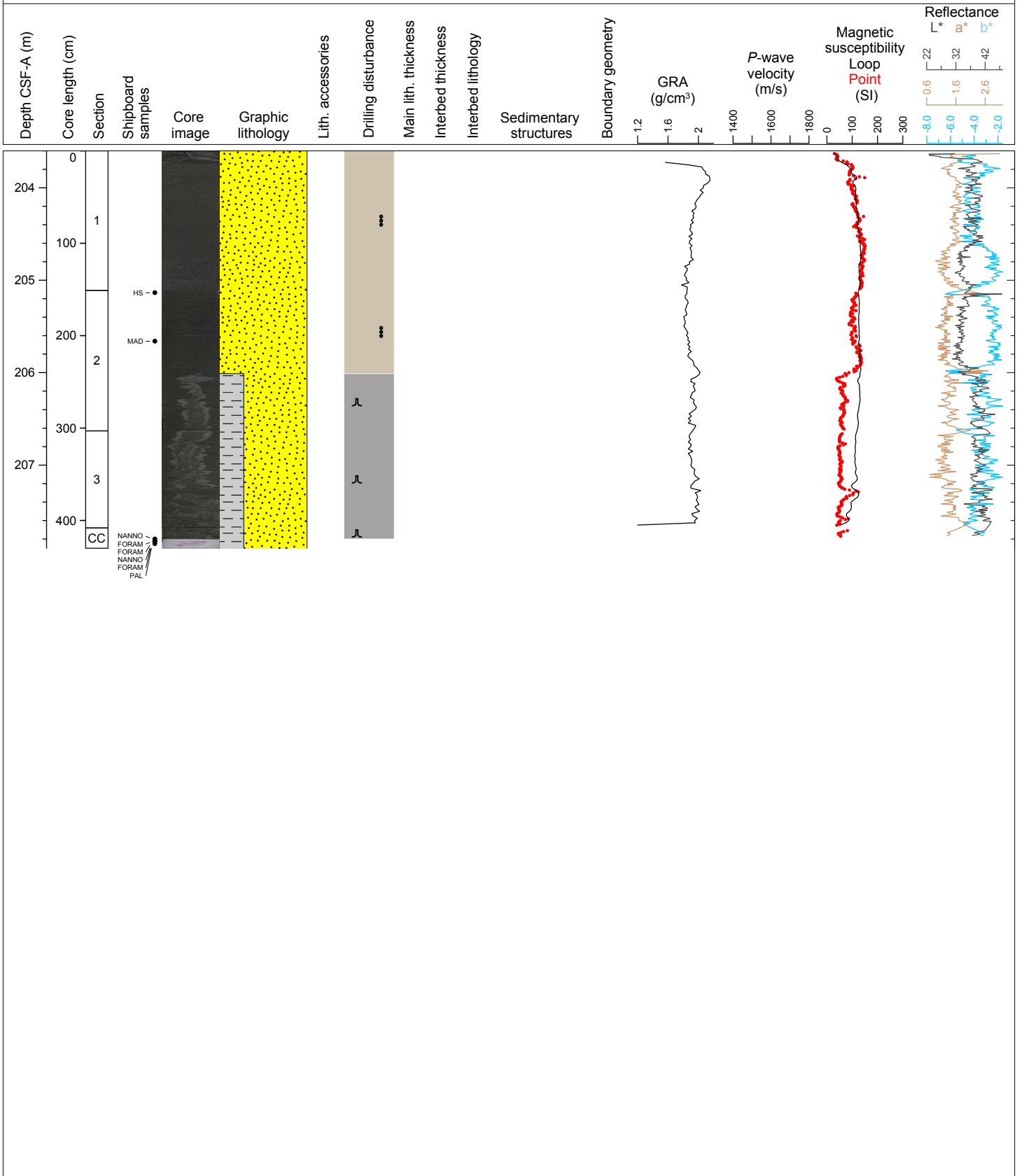
Hole 354-U1452B Core 39F, Interval 194.1-197.59 m (CSF-A)

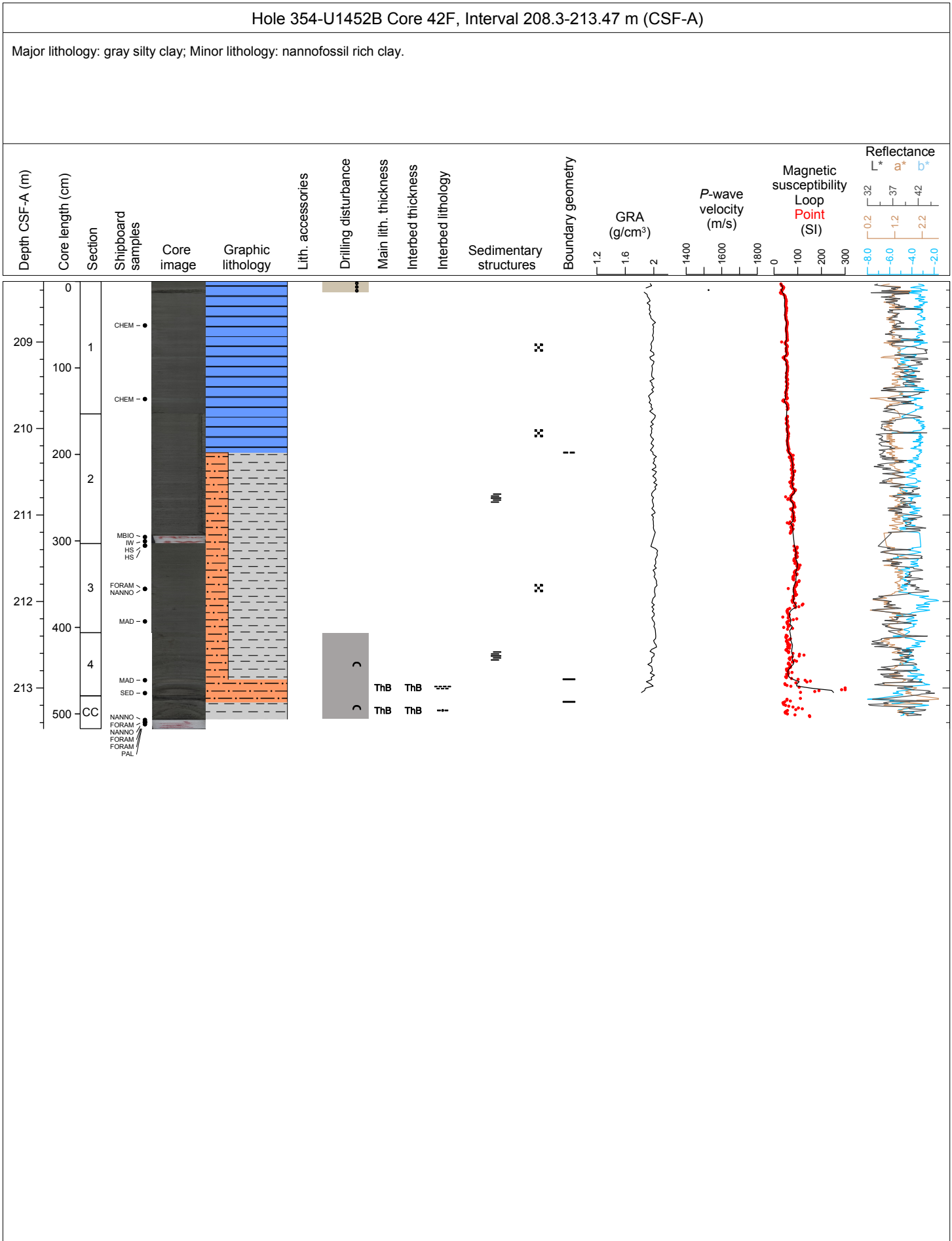
Major lithology: dark gray fine sand.



Hole 354-U1452B Core 41F, Interval 203.6-207.9 m (CSF-A)

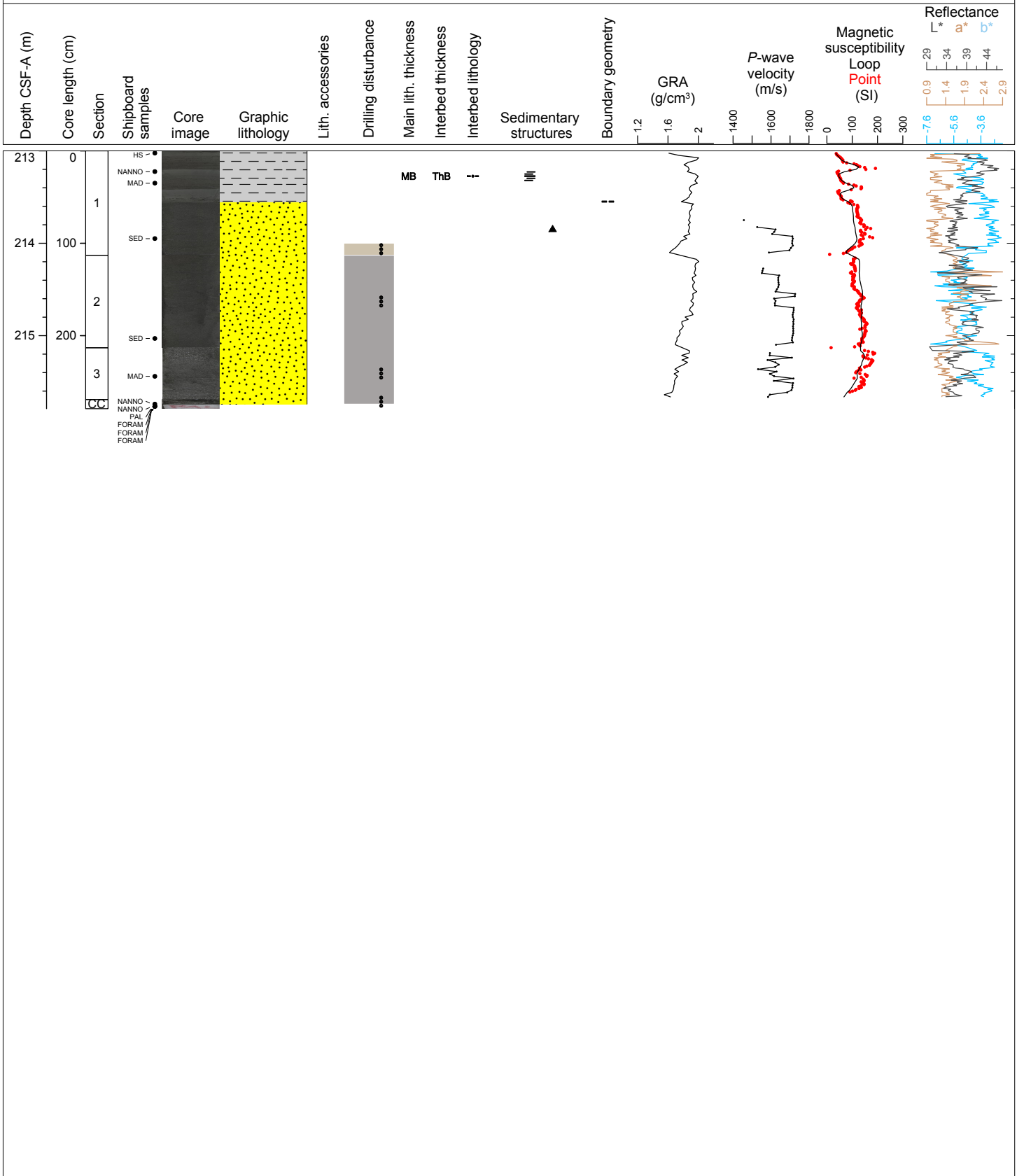
Major lithology: dark gray sand; Minor lithology: clayey sand, resulting from flow-in disturbance of clay into the sand.

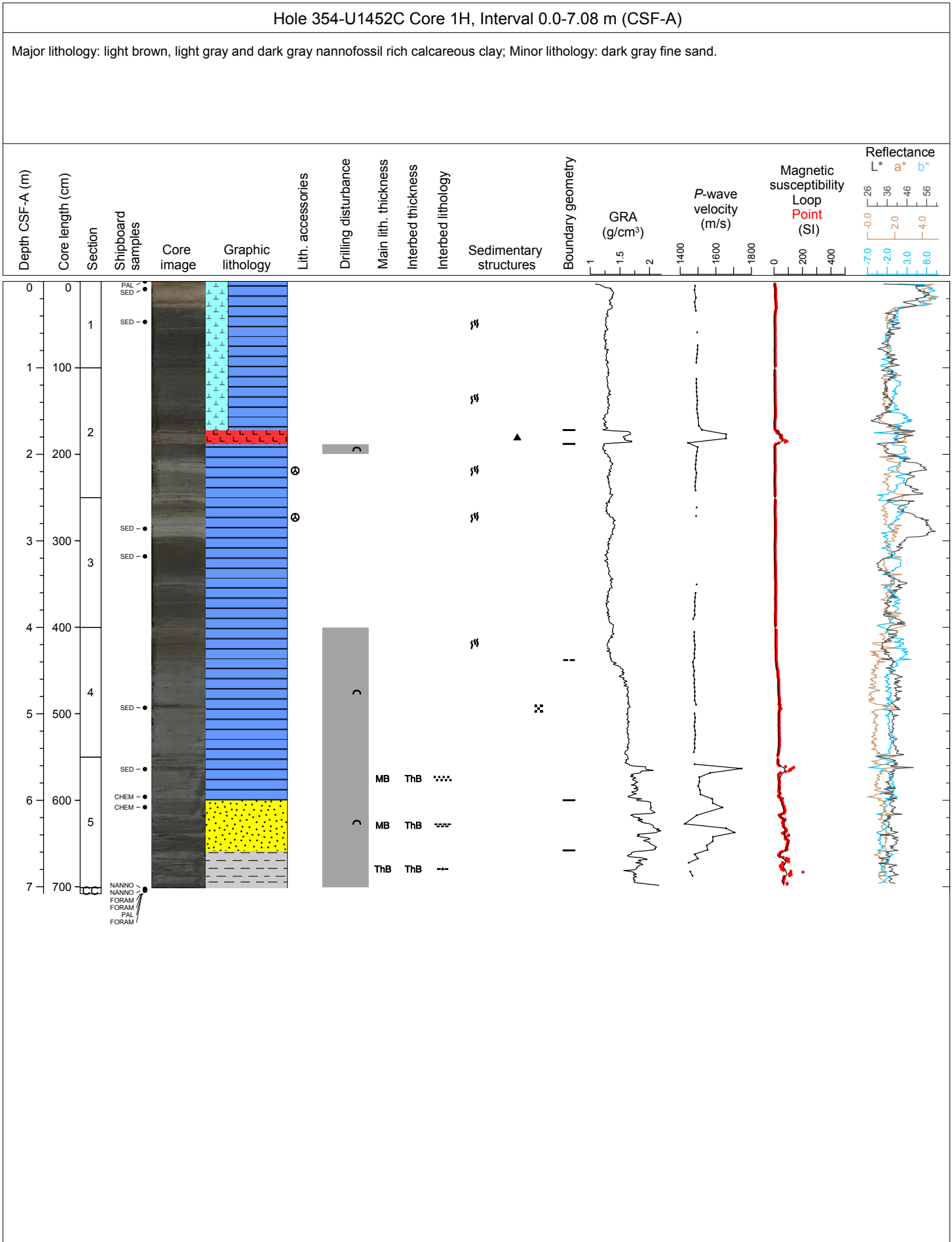


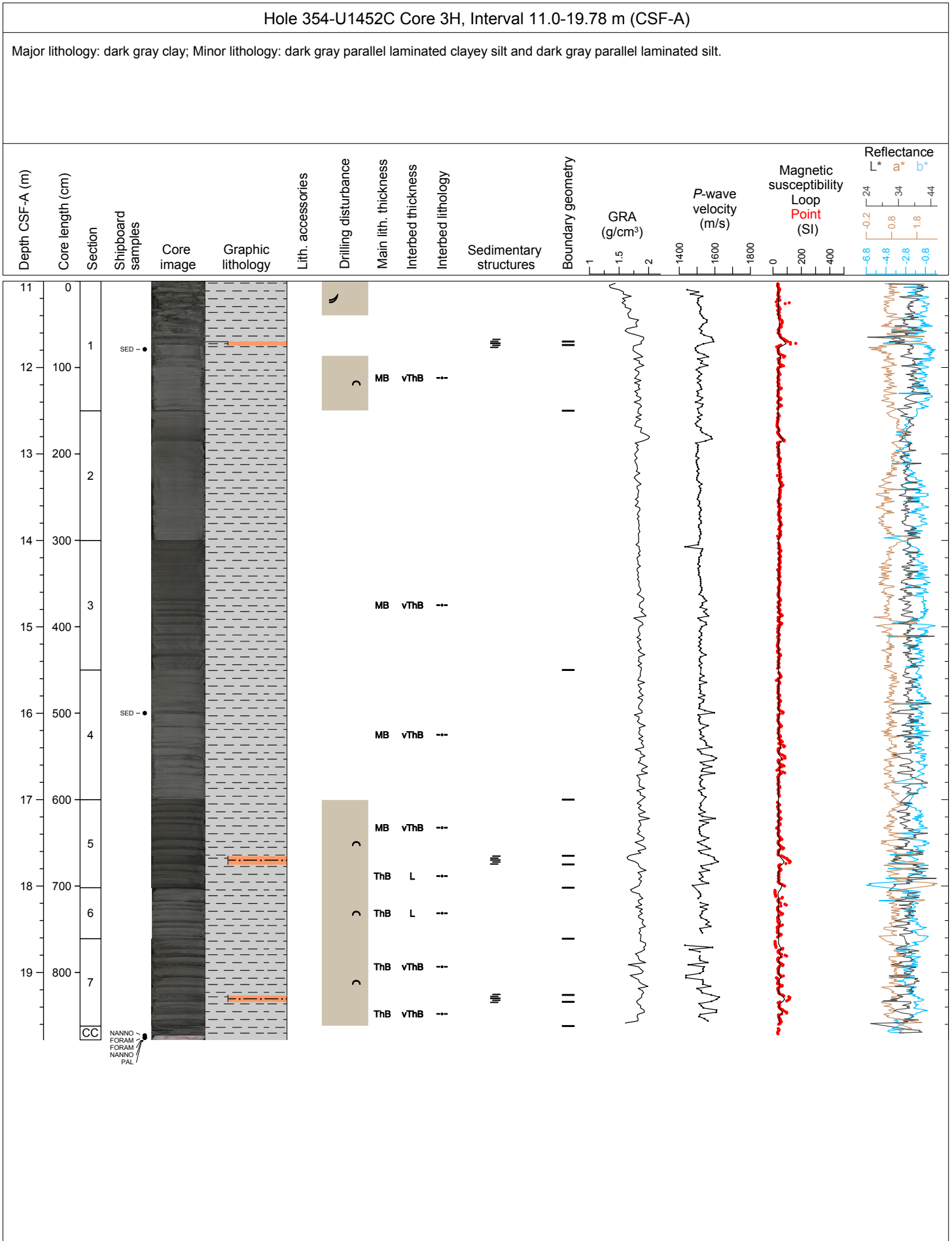


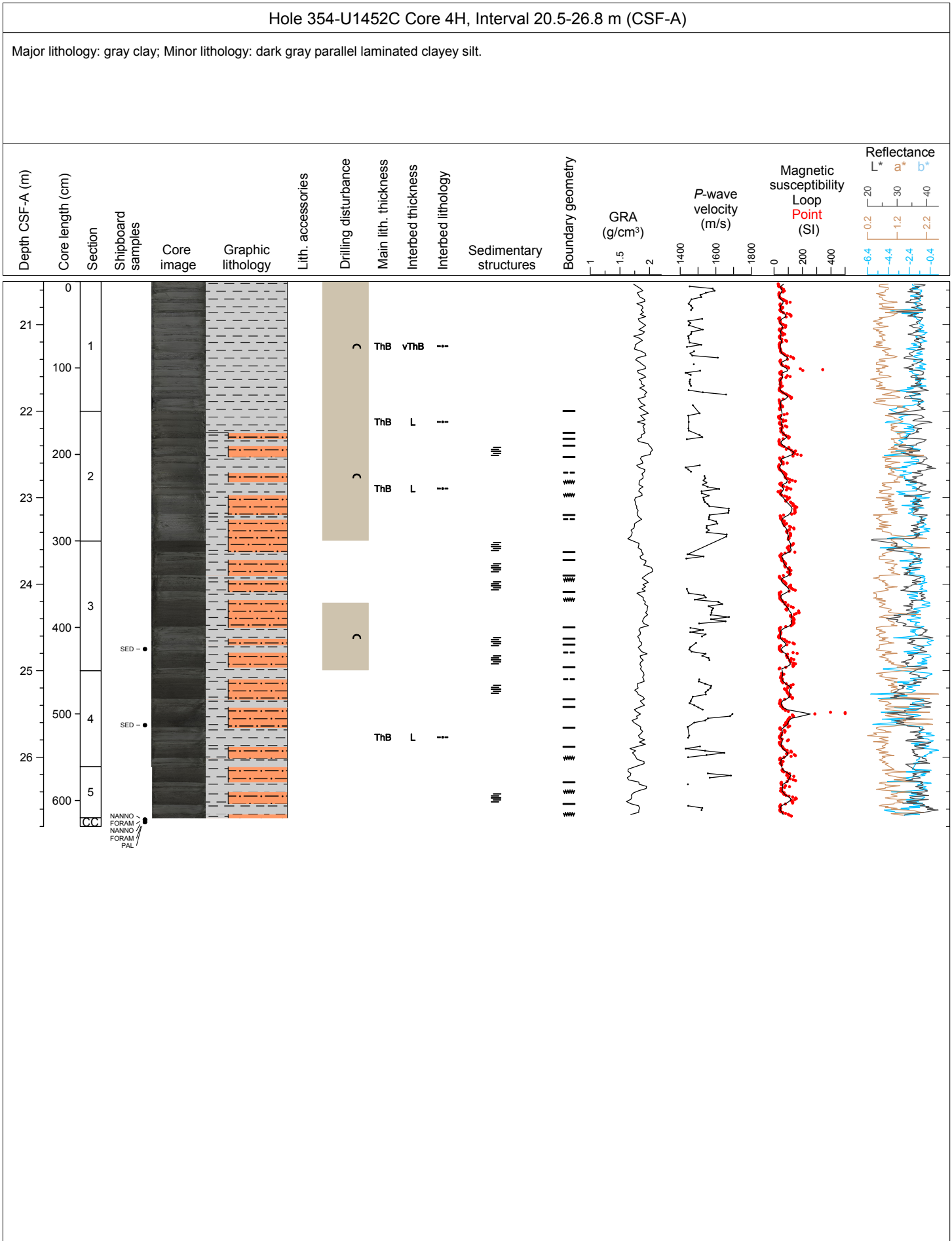
Hole 354-U1452B Core 43F, Interval 213.0-215.79 m (CSF-A)

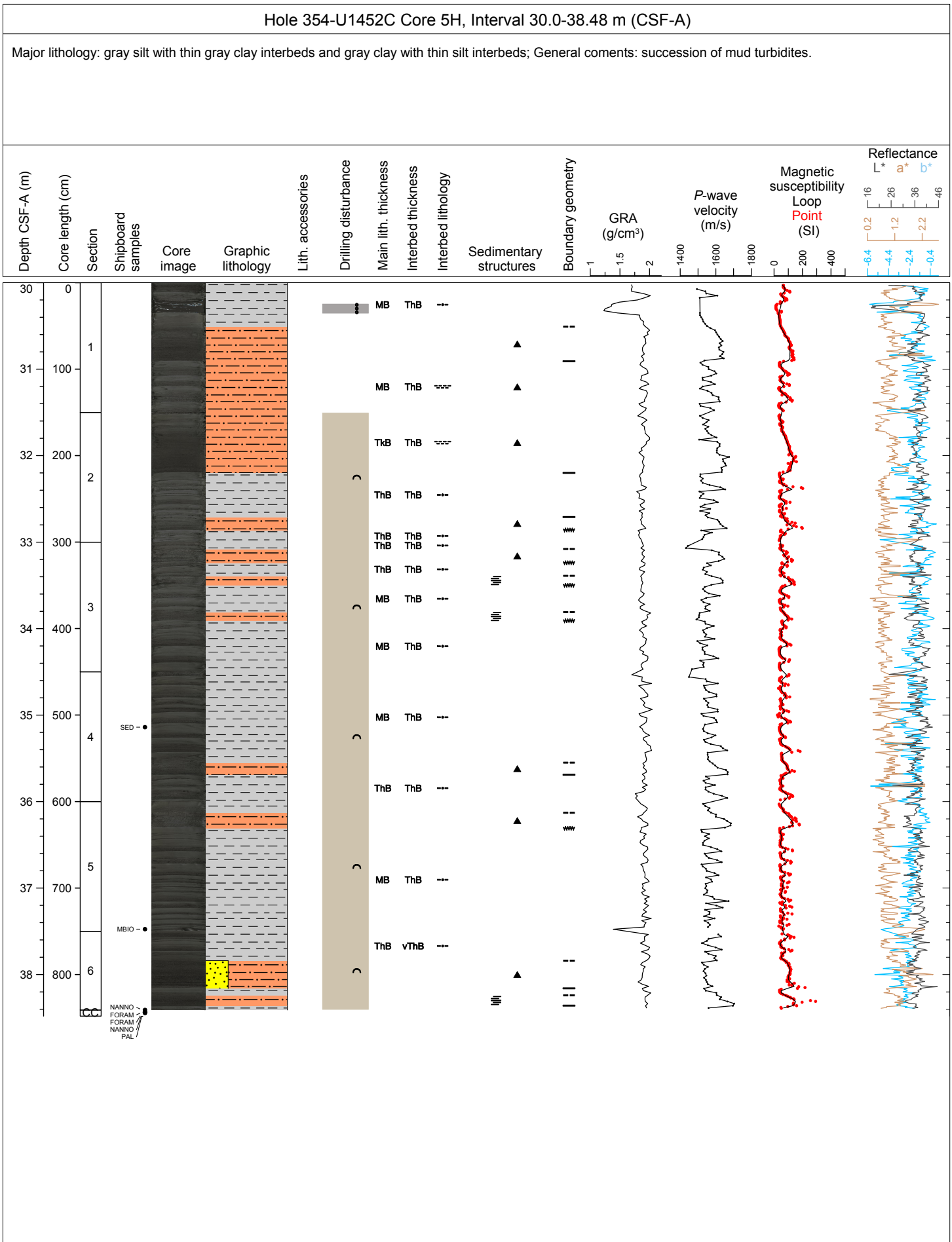
Major lithology: gray fine sand; Minor lithology: gray clay with thin silt interbeds. General comments: soupy texture





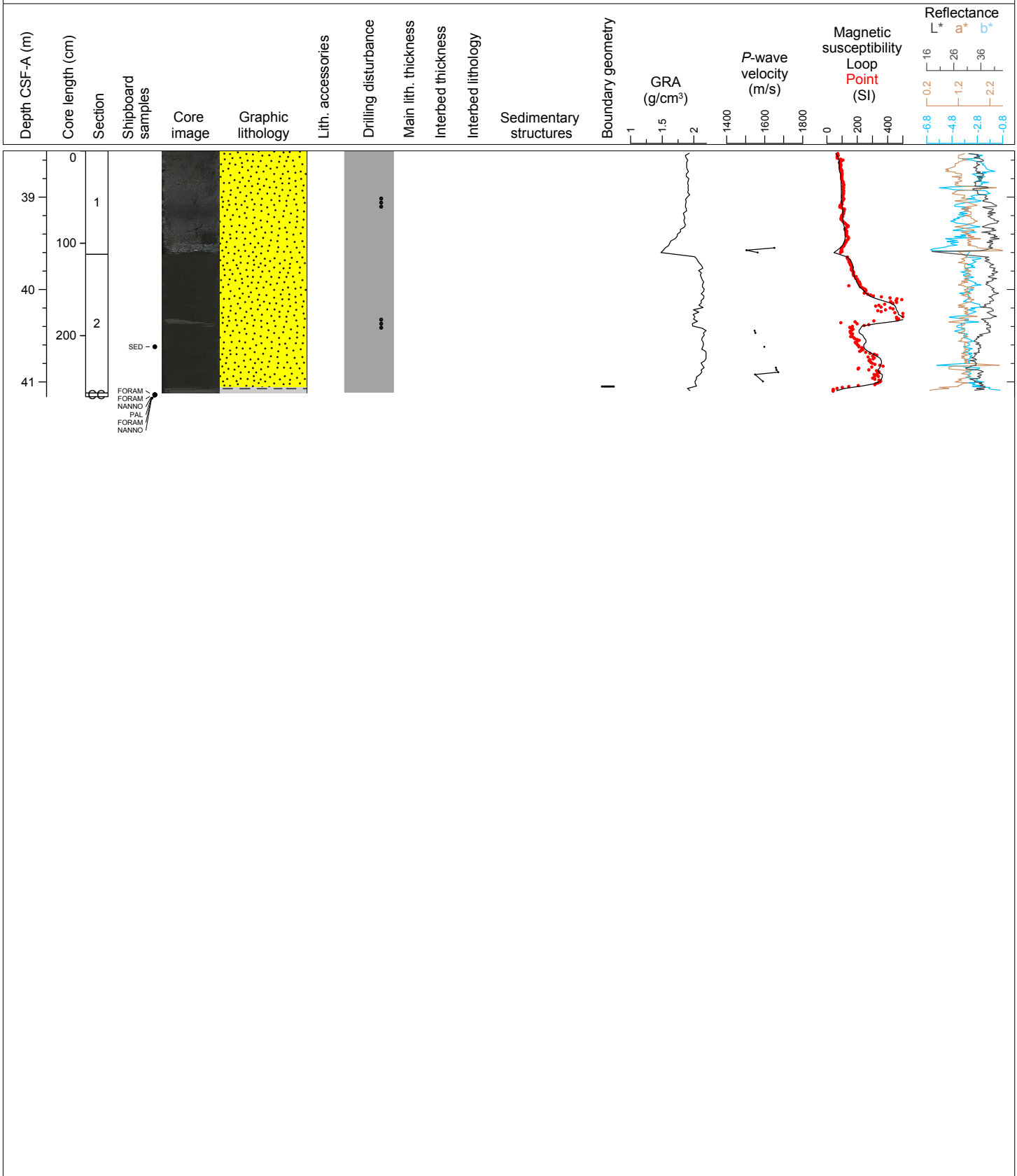






Hole 354-U1452C Core 6H, Interval 38.5-41.16 m (CSF-A)

Major lithology: dark gray fine sand. General comments: there is a sharp boundary in section 2 between the the base of the sand layer and the top of a clay layer.



Sample	Top Depth [m]	Bottom Depth [m]	Lithology major or minor	Maximum grain size [mm]	Heavy minerals (decreasing abundance)	Sand texture [%]	Silt texture [%]	Clay texture [%]	Quartz [%]	Feldspar [%]	Mica [%]	Heavy minerals [%]	Clay minerals [%]	Glauconite [%]	Fe sulfides (opaque) [%]	Fe-oxides [%]	Chert [%]	Limestone [%]	Volcanic rock [%]	Other lithic grains [%]	Viric grains [%]	Carbonate authigenic [%]	Foraminifers [%]	Calcareous nanofossils [%]	Triloboid fragments [%]	Other calcareous bioclasts [%]	Radiolarians [%]	Diatoms [%]	Silicoflagellates [%]	Sponge spicule fragments [%]	Other bioturbaceous fossil fragments [%]	Fish debris [%]	Plant debris [%]	Organic matter [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology comment	Smear slide comment						
354-U1452B-35F-2-A 126/126-SED	178.06	178.06	major lithology																																	nannofossil rich	clay									
354-U1452B-35F-3-A 79/79-SED	179.09	179.09	major lithology	0.12	less HM	10	70	20	50	25	10	1	10													5														very fine silt						
354-U1452B-36F-1-A 123/123-SED	181.23	181.23	major lithology										10											90																						
354-U1452B-36F-1-A 17/17-SED	180.17	180.17	major lithology										30											70																						
354-U1452B-36F-1-A 93/93-SED	180.93	180.93	major lithology																																											
354-U1452B-36F-2-A 126/126-SED	182.76	182.76	major lithology	0.13	less hm, opq, amphibole, zircon, tourmaline, zoisite, sillimanite	40	55	5	35	47	5	3									10																						well sorted, feldspathic sand; low mica, low HM, low qz, well rounded grains			
354-U1452B-36F-3-A 28/28-SED	183.28	183.28	major lithology					100					20										3	72		5																				
354-U1452B-36F-CC-A 34/34-SED	184.46	184.46	major lithology								4																																			
354-U1452B-37F-4-A 20/20-SED	189.02	189.02	major lithology										20											80																						
354-U1452B-37F-4-A 61/61-SED	189.43	189.43	major lithology	0.21	less HM, opq, amphibole, zircon, zoisite	60	30	10	71	24	5	0.5	1													2																				
354-U1452B-42F-4-A 70/70-SED	213.06	213.06	major lithology	0.13	less HM, opq, amphibole, zircon, zoisite	10	70	20	68	14	4	6														1																				
354-U1452B-43F-1-A 95/95-SED	213.95	213.95	major lithology	0.11	opq, amphibole, garnet, tourmaline, zircon, pyroxene, zoisite, allanite, rutile, apatite, sillimanite, chroloitoid, staurolite	50	30	20	62	21	5	5	3													1																				

