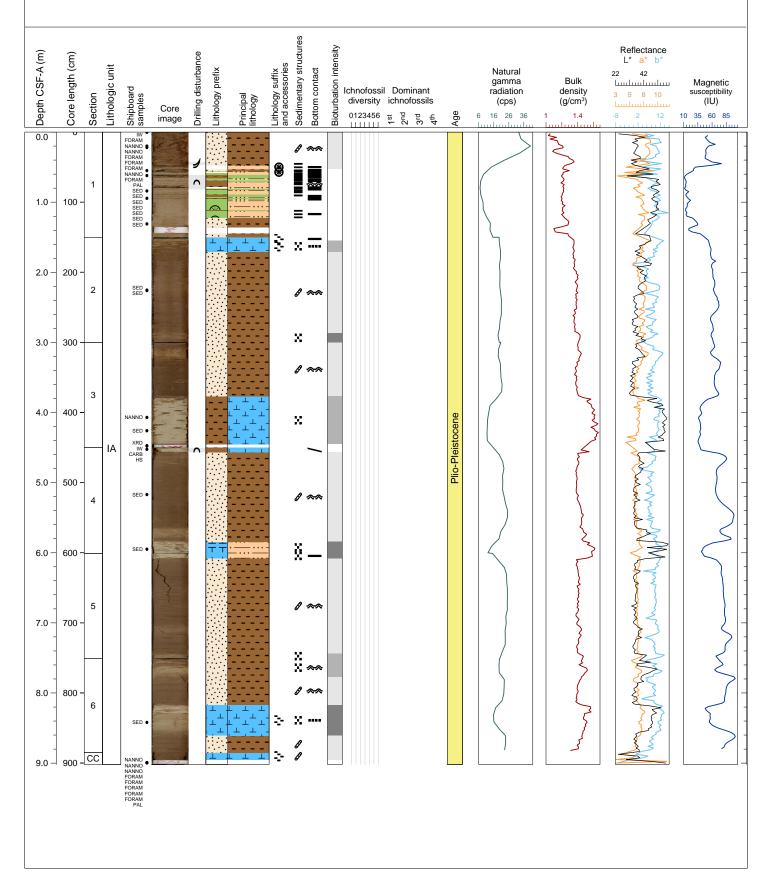
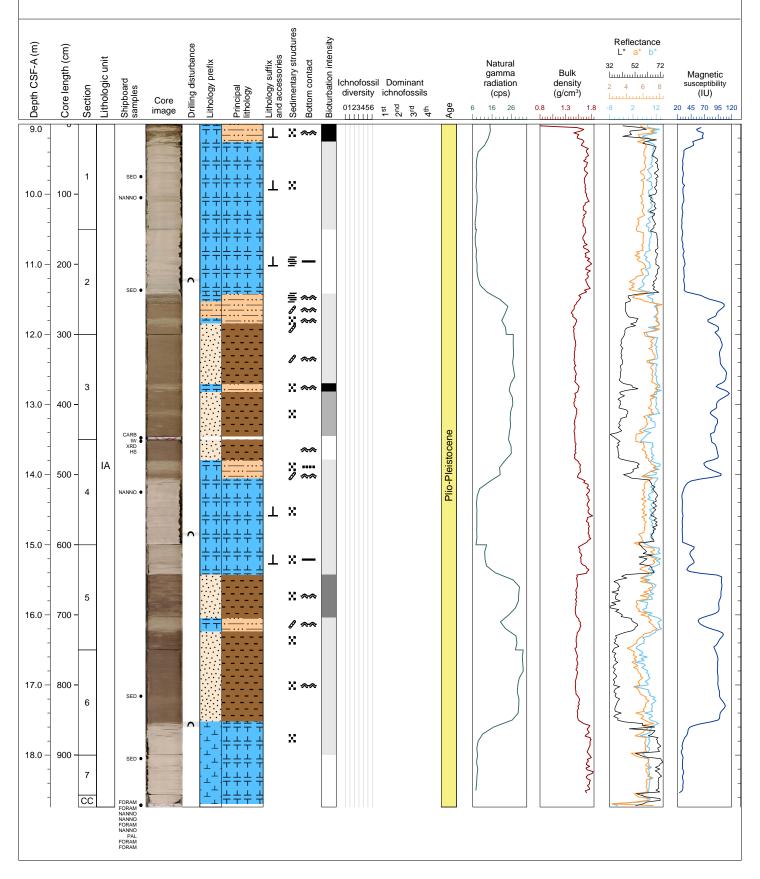
Hole 390C-U1556A Core 1H, Interval 0.0-9.02 m (CSF-A)

Core 1H contains mostly dark brownish (10YR 3/4) to brown (10YR 5/3) silty clay. In section 1A, a portion of alternating pink-pale yellow diatom-rich silty clay was observed from 47 to 122 cm. In this portion, also dark grey (5Y 3/1) organic-rich layers (47-53 cm; 56-56.5 cm; 78-80 cm) were observed, as well as a pale olive (5Y 6/4) diatom-rich biosiliceous layer. Brown (7.5YR 5/3) calcareous silty clay were observed in two portions (377 - 457 cm; 584-608 cm). There are portions with trace to abundant bioturbation along the whole core. There are slight signs of drilling disturbance: a fall in (42-47 cm) and up-arching (62-82 cm).



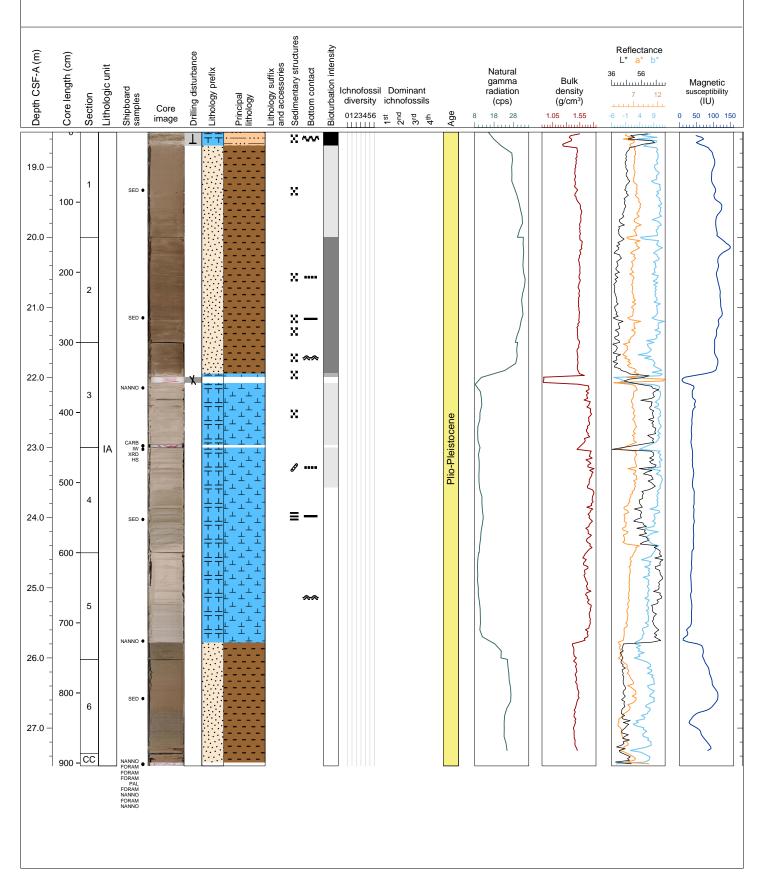
Hole 390C-U1556A Core 2H, Interval 9.0-18.74 m (CSF-A)

Core 2H contains varied lithologies including very pale brown to brown (10YR 6/3,7/4, to 5/3) calcareous silty clay and silty clay, and pinkish white (7.5YR 8/2) calcareous ooze, calcareous ooze with nannofossils, and nannofossil-rich calcareous ooze. There are some organic rich laminations in section 2A. There are portions of the Core with trace to abundant bioturbation, which is mostly in the form of mottling. Drilling disturbance includes some slight up-arching in sections 2A, 4A, and 6A.



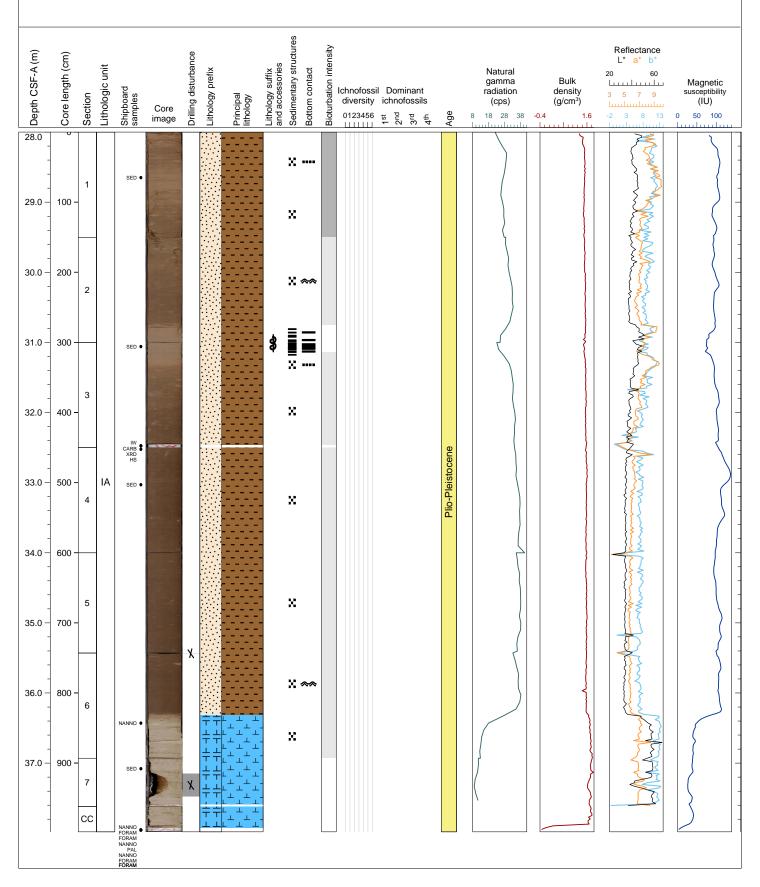
Hole 390C-U1556A Core 3H, Interval 18.5-27.54 m (CSF-A)

Core 3H contains mainly pinkish white (7.5YR 8/2) calcareous nannofossil ooze and light brown to brown (7.5YR 6/3 to 5/3) silty clay. There are some organic rich laminations in section 4A. There are portions of the Core with trace to abundant bioturbation, which is mostly in the form of mottling. Drilling disturbance has resulted in some fracturing in section 1A and a void in section 3A.



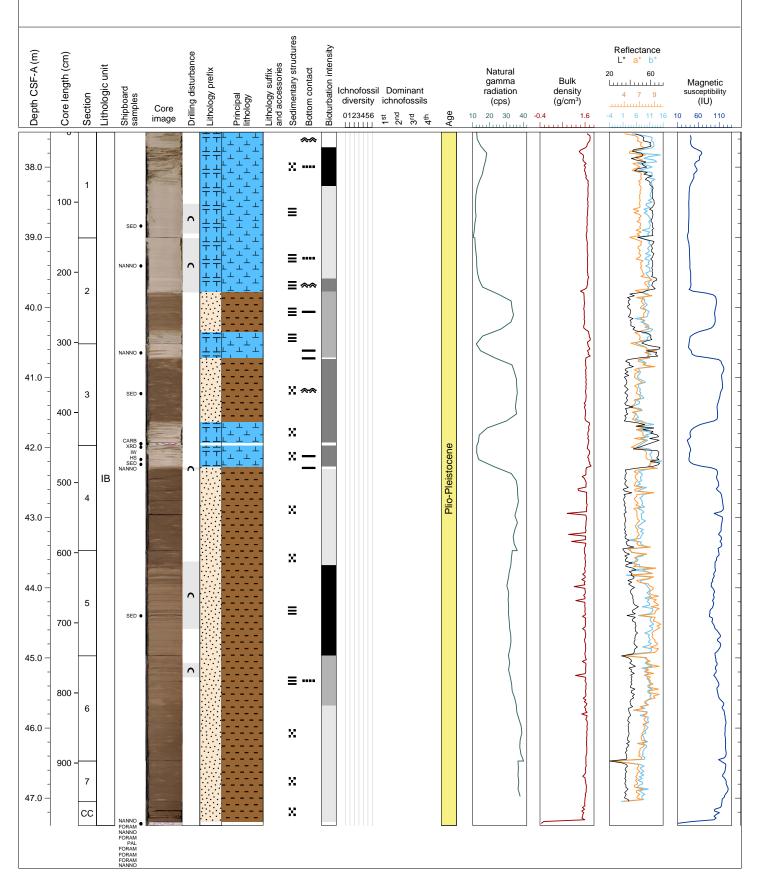
Hole 390C-U1556A Core 4H, Interval 28.0-37.98 m (CSF-A)

Core 4H contains mainly light brown to brown (7.5YR 6/3 to 5/3) silty clay and pinkish white (7.5YR 8/2 and 10YR 7/2) calcareous nannofossil ooze. There are some organic rich laminations in section 4A. There are small laminations of silty clay with biosilica in some of the sections. There are portions of the Core with trace to abundant bioturbation, which is mostly in the form of mottling. Drilling disturbance has resulted in a horizontal and vertical void.



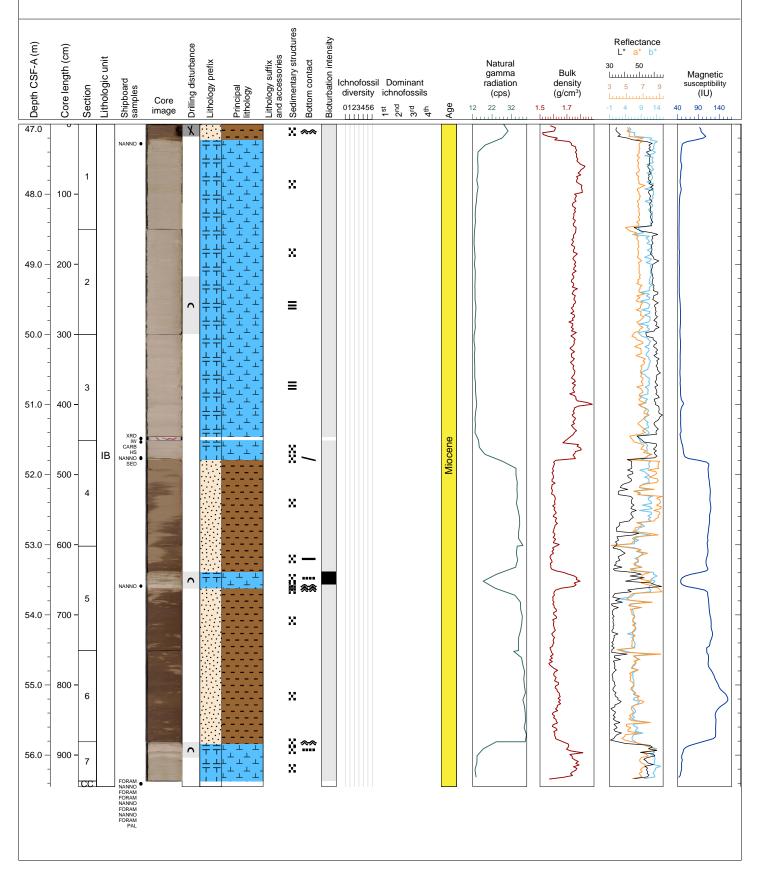
Hole 390C-U1556A Core 5H, Interval 37.5-47.39 m (CSF-A)

Core 5H contains mainly light brown to brown (7.5YR 6/3 to 5/3) silty clay and pinkish white (7.5YR 8/2) calcareous nannofossil-ooze. There are common organic rich laminations in section 5A. There is high bioturbation which is mostly in the form of mottling in sections 1A, 3A and 4A. Drilling disturbance has resulted in slight up-arching in sections 1A to 6A.



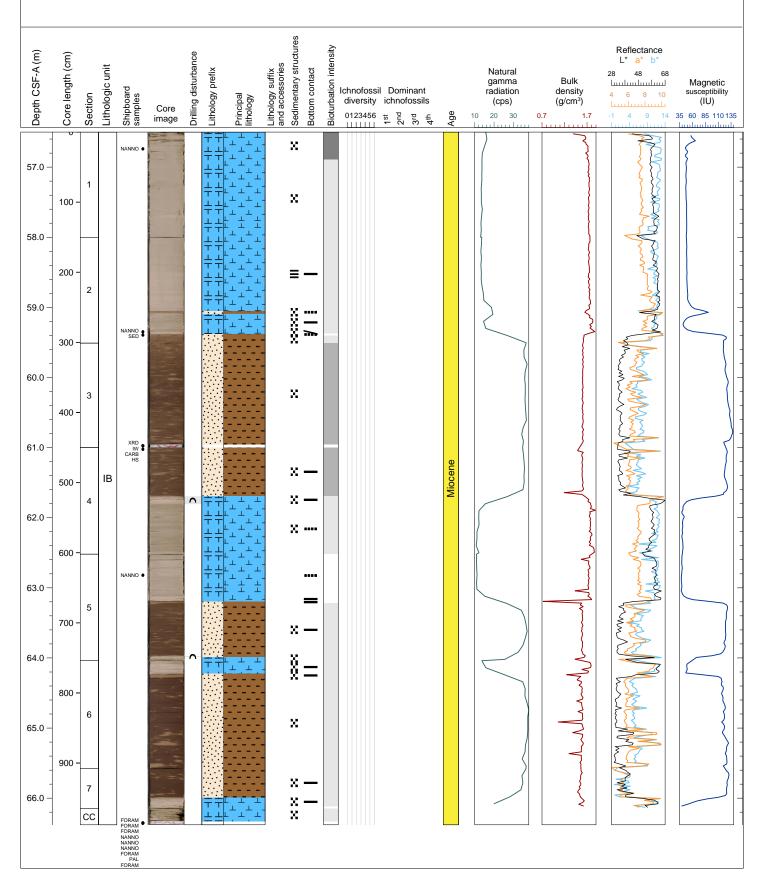
Hole 390C-U1556A Core 6H, Interval 47.0-56.45 m (CSF-A)

Core 6H contains mainly light gray (10YR 7/2) calcareous nannofossil ooze and brown (7.5YR 6/3 to 5/3) silty clay. There are sparse organic matter thin laminations in 2A and 3A. There are scattered organic rich dots in section 4A. Drilling disturbance has resulted in slight up-arching in sections 2A, 5A and 7A with a vertical void on the side in section 1A.



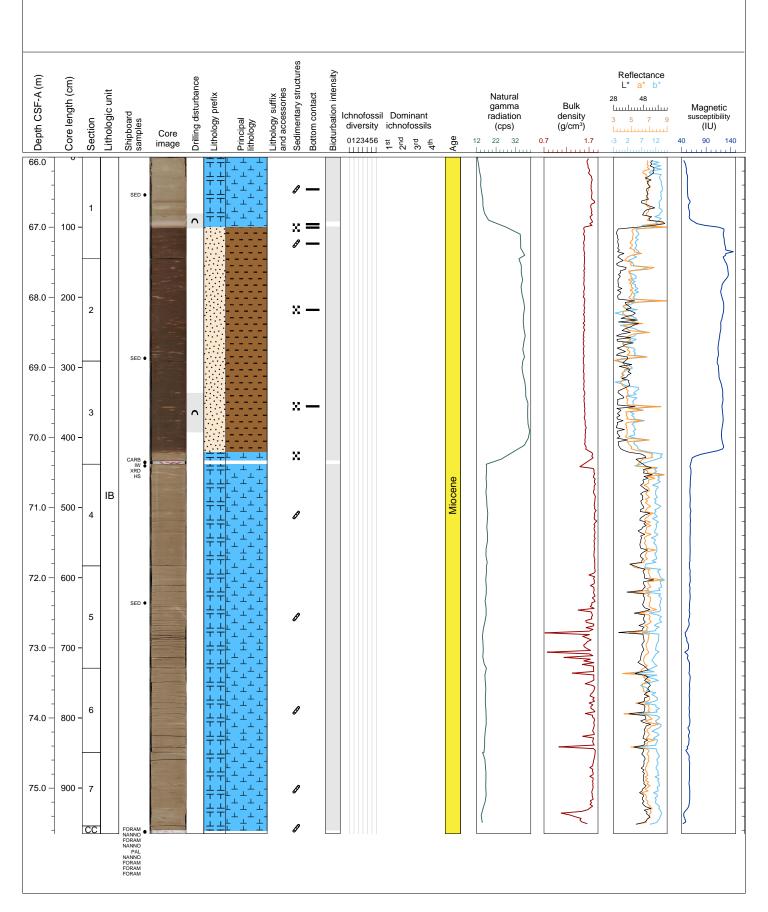
Hole 390C-U1556A Core 7H, Interval 56.5-66.38 m (CSF-A)

Core 7H contains mainly light gray (10YR 7/2) calcareous nannofossil ooze and brown (7.5YR 6/3 to 5/3) silty clay. There are sparse thin laminations of organic matter in 1A and 2A. There are scattered organic-rich dots in section 2A. There are portions of the Core with sparse bioturbation. Drilling disturbance has resulted in slight up-arching in sections 4A and 5A.



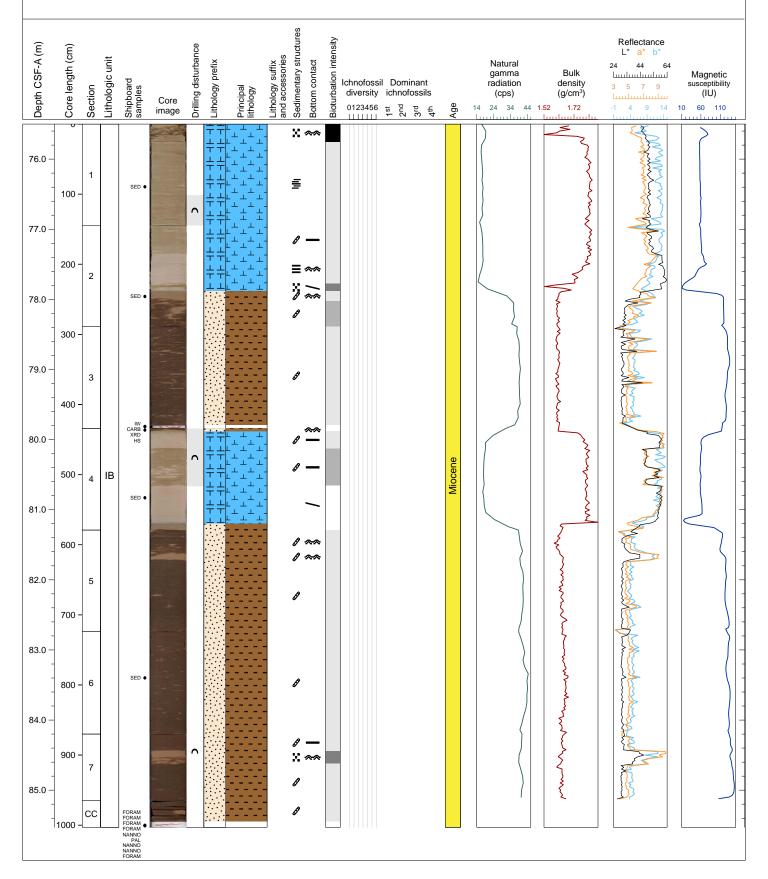
Hole 390C-U1556A Core 8H, Interval 66.0-75.65 m (CSF-A)

Core 8H contains mainly pale brown (or light gray) (10YR 6/3) calcareous nannofossil ooze and brown (7.5YR 5/3) silty clay. There are portions of the Core with sparse or mottling bioturbation. Drilling disturbance has resulted in slight up-arching in sections 1A and 4A.



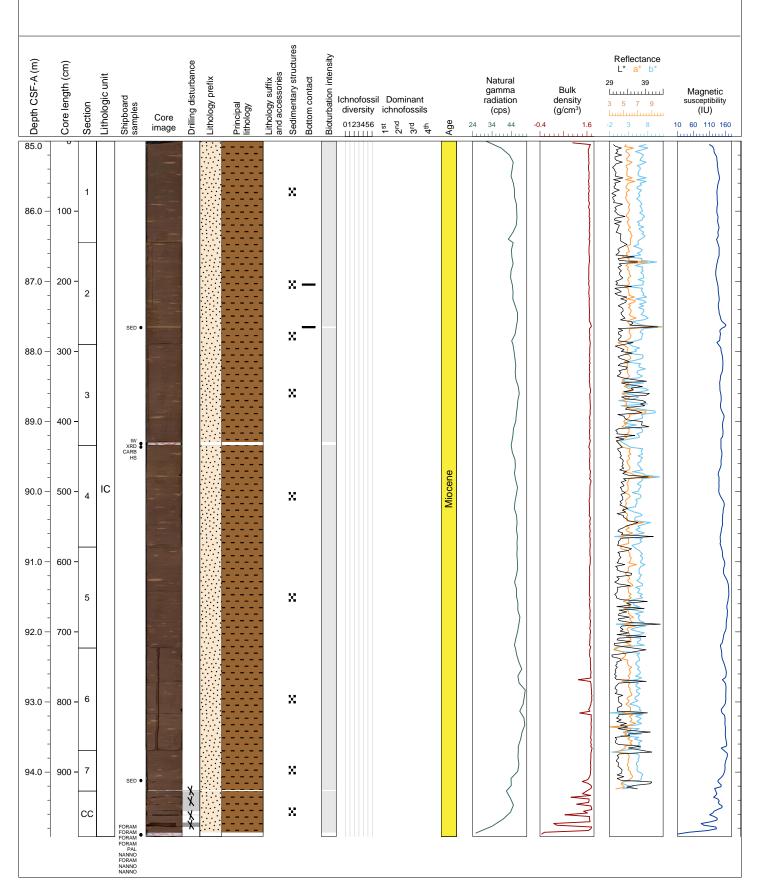
Hole 390C-U1556A Core 9H, Interval 75.5-85.53 m (CSF-A)

Core 9H contains mainly very pale brown or pinkish white (10YR 7/3 or 7.5YR 8/2) calcareous nannofossil ooze and light or brown (7.5YR 5/3) silty clay. There are portions of the Core with sparse or mottling bioturbation. Drilling disturbance has resulted in slight up-arching in sections 1A, 4A and 7A.



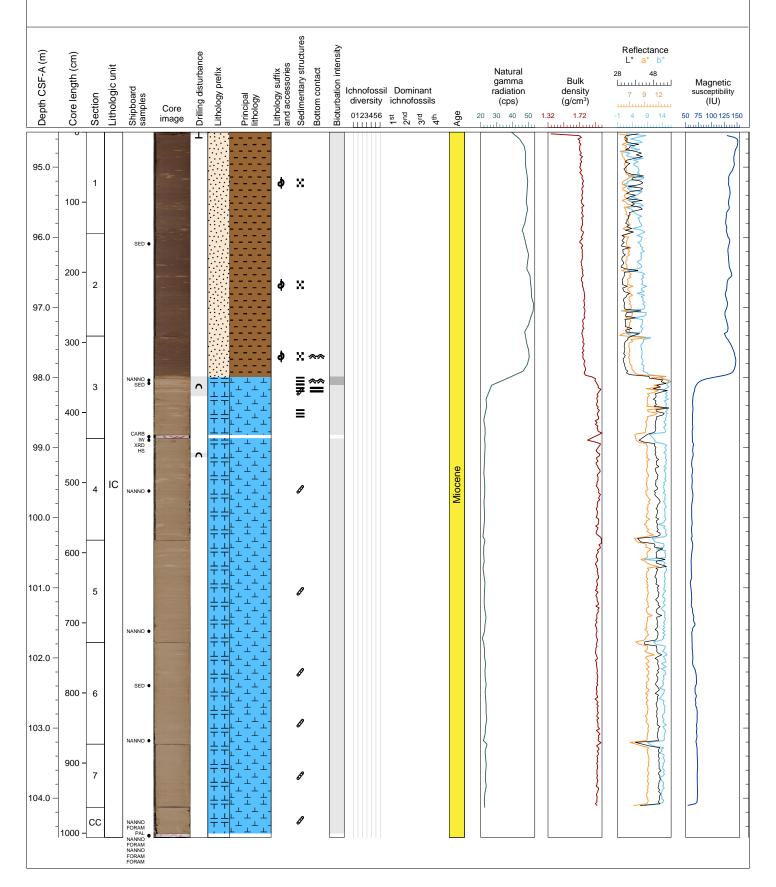
Hole 390C-U1556A Core 10H, Interval 85.0-94.92 m (CSF-A)

Core 10H is relatively homogenous and contains almost all brown (7.5YR 5/3) silty clay. One relatively thin bioturbation-type layer of silty clay (7.5 YR 6/4) with very minor bioclasts is in section 2A (2 cm thick). Sparse mottling bioturbation throughout (7.5YR 6/4, light brown). Drilling disturbance has resulted in disturbances in section CC.



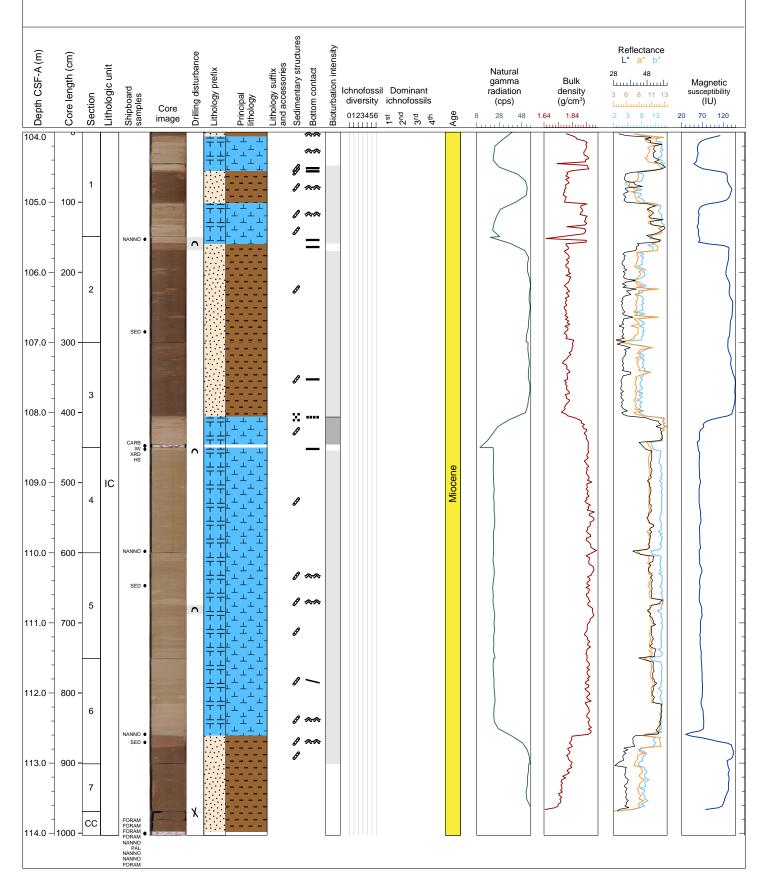
Hole 390C-U1556A Core 11H, Interval 94.5-104.56 m (CSF-A)

Core 11H contains brown (7.5YR 5/3) silty clay to section 3A and then the rest of the core is mainly pinkish gray (7.5YR 7/2) calcareous nannofossil ooze. Sparse trace or mottling bioturbation throughout. Drilling disturbance has resulted in minor up-arching in places, and one fractured place in the top 4 cm of section 1A.



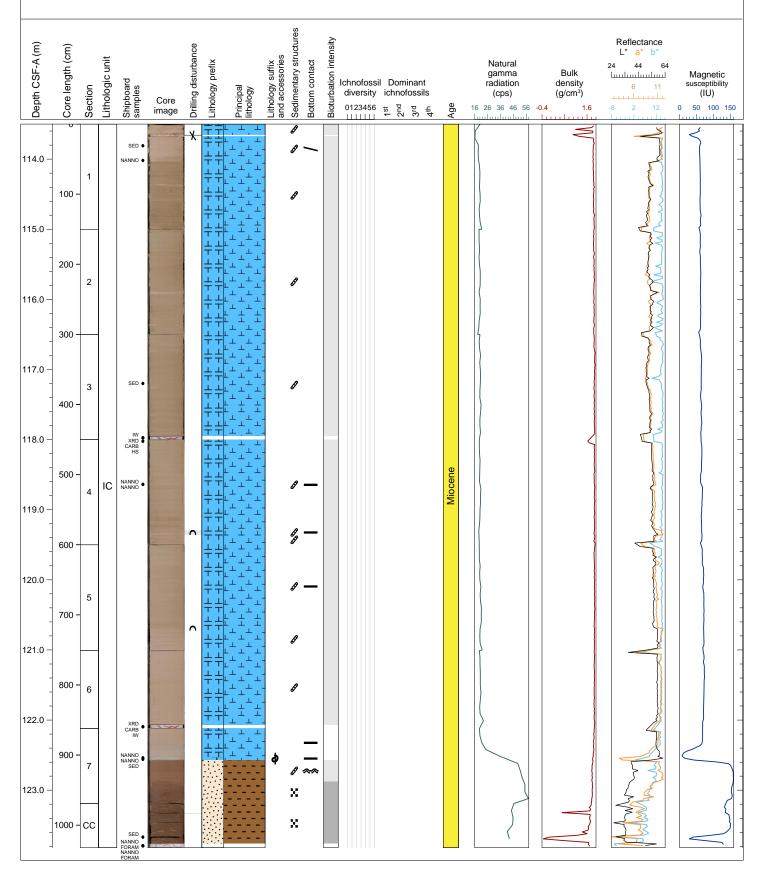
Hole 390C-U1556A Core 12H, Interval 104.0-114.03 m (CSF-A)

Core 12H contains mainly pink or pinkish gray (5YR 7/3 or 7.5YR 7/2 or 7/4) calcareous nannofossil-ooze and light or brown (7.5YR 5/3) or light reddish brown (5YR 6/4) silty clay. There are portions of the Core with sparse trace or mottling bioturbation. Drilling disturbance has resulted in slight up-arching in sections 2A,4A, 5A and a small void at the top of section CC.



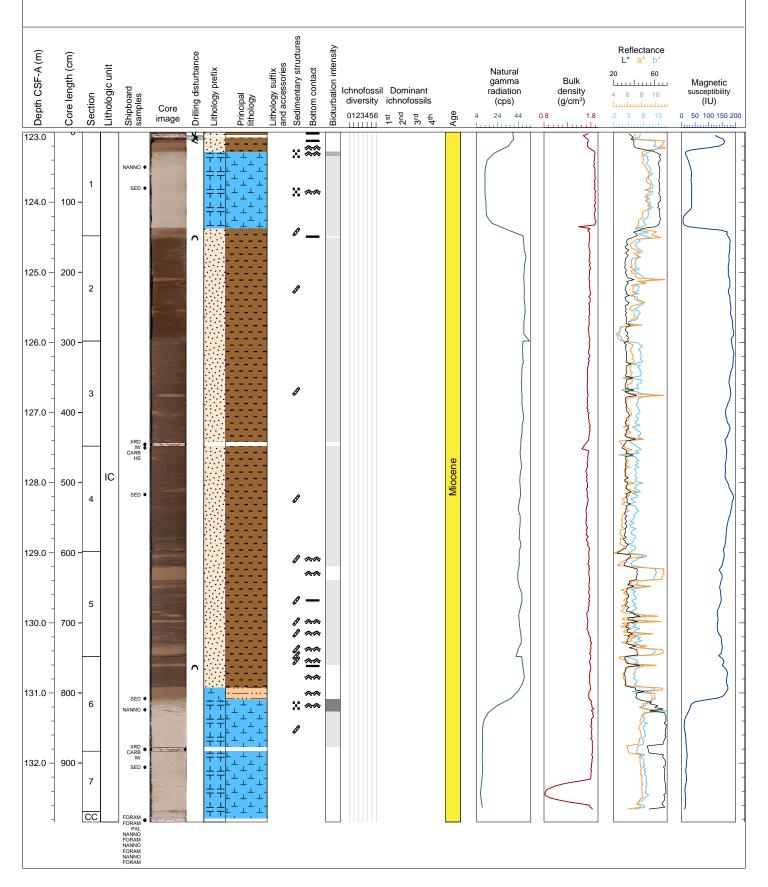
Hole 390C-U1556A Core 13H, Interval 113.5-123.82 m (CSF-A)

Core 13H contains mainly pink or pinkish gray (7.5YR 7/2 or 7/3) calcareous nannofossil ooze and brown (7.5YR 5/3) or light reddish brown (5YR 6/4) silty clay. There is a distinct layer of foraminiferal nannofossil ooze with bioclasts (7.5YR 8/2) in section 7A. There are portions of the Core with sparse trace or mottling bioturbation. Drilling disturbance has resulted in a void in section 1A, slight up-arching in places, and a crack with some some missing material in section CC.



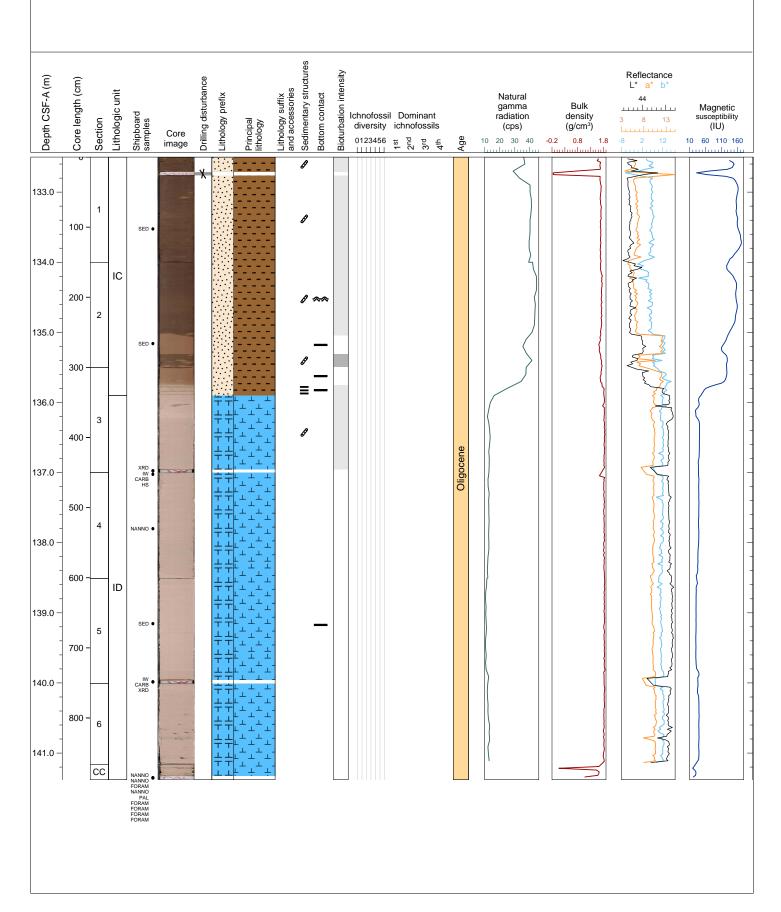
Hole 390C-U1556A Core 14H, Interval 123.0-132.84 m (CSF-A)

Core 14H contains mainly brown (7.5YR 5/3) or light reddish brown (5YR 6/4) silty clay and pink or pinkish white calcareous nannofossil ooze (7.5YR 8/2). The reddish brown silty clay contains nannofossil-rich discoasters. There are portions of the Core with sparse trace or mottling bioturbation. Drilling disturbance has resulted in a void in section 1A, slight up-arching in places.



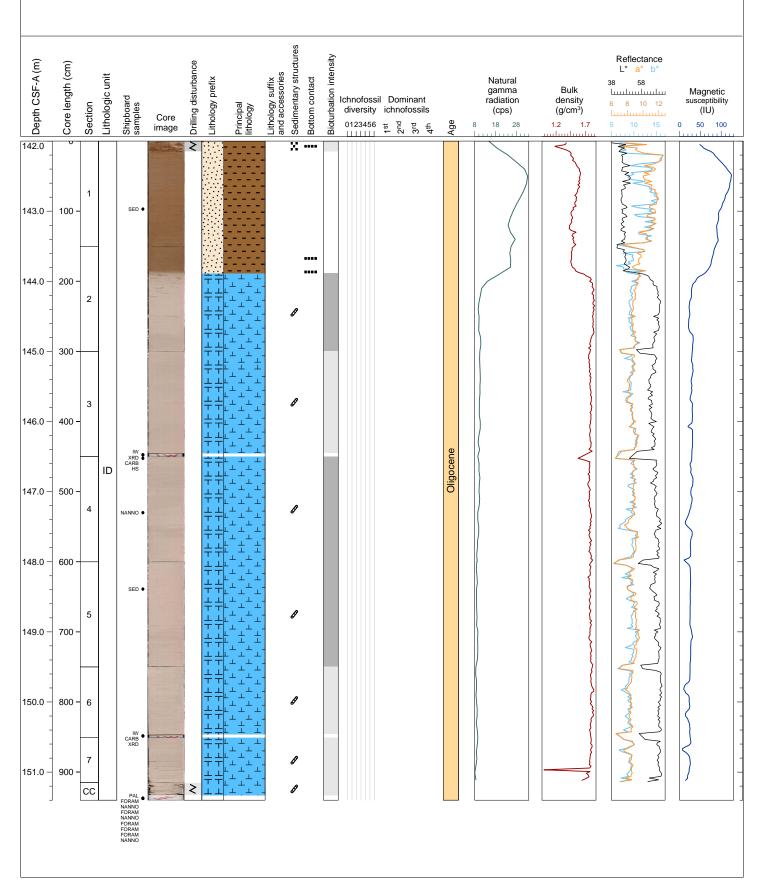
Hole 390C-U1556A Core 15H, Interval 132.5-141.38 m (CSF-A)

Core 15H contains mainly brown (7.5YR 5/3) or light reddish brown (5YR 6/4) silty clay and pink or pinkish (5YR 8/2 and 8/3) calcareous nannofossil ooze. Most of the Core does not have obvious bioturbation. Drilling disturbance has resulted in a void in section 1A.



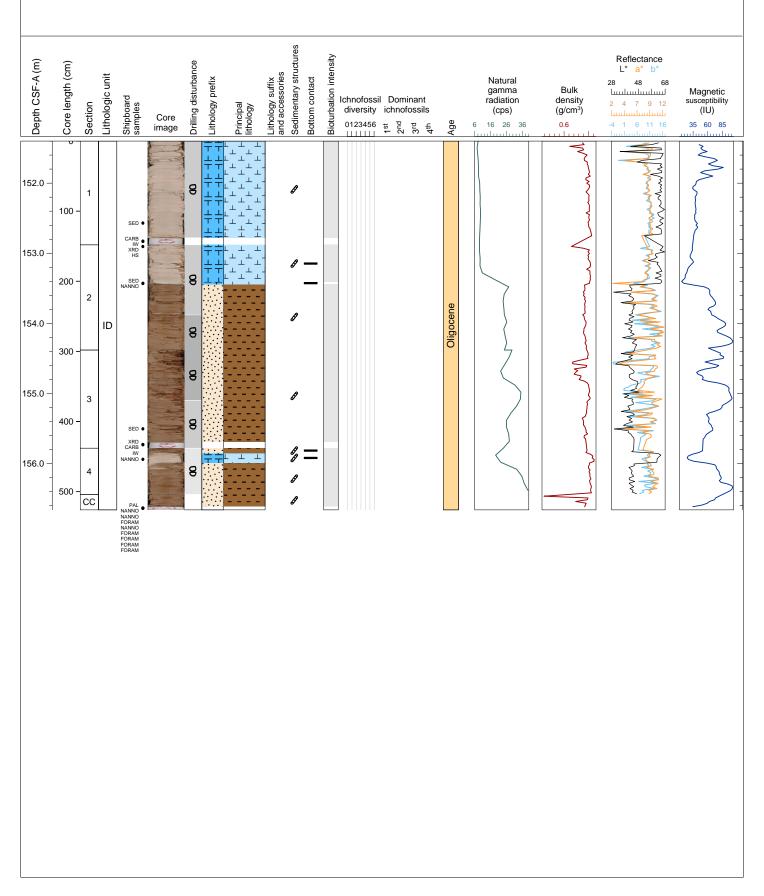
Hole 390C-U1556A Core 16H, Interval 142.0-151.4 m (CSF-A)

Core 16H is relatively homogenous and contains mainly pinkish white (7.5YR 8/2) calcareous nannofossil ooze and light reddish brown (5YR 6/4) silty clay in sections 1A and 2A. Most of the Core has sparse bioturbation although it is more difficult to see in homogenous pinkish white sections. Drilling disturbance has resulted in some fragmentation in sections 1A and CC.



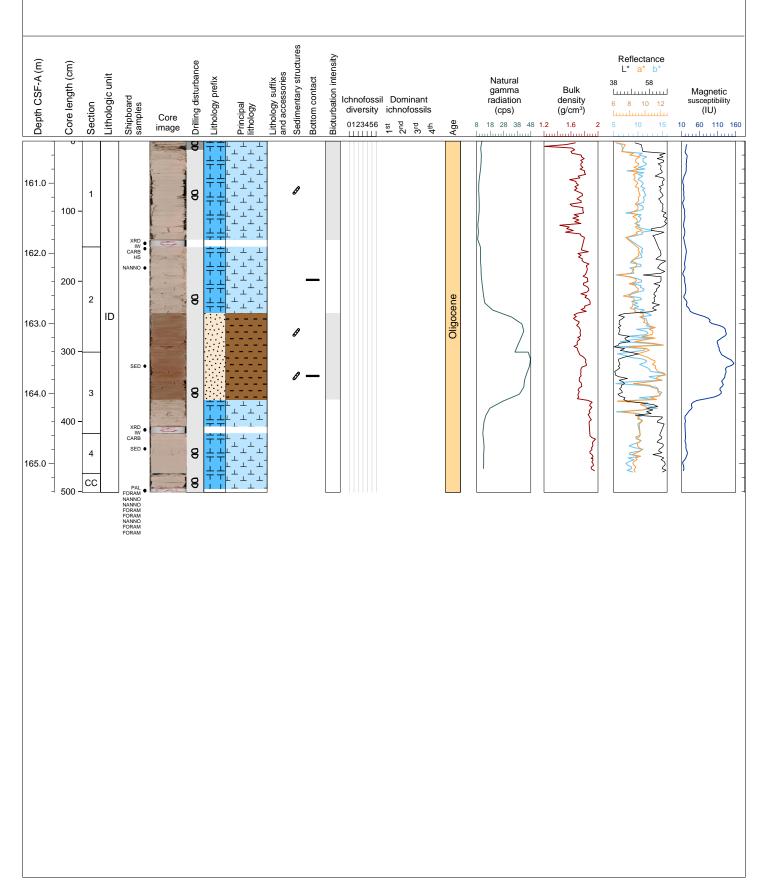
Hole 390C-U1556A Core 17X, Interval 151.4-156.66 m (CSF-A)

Core 17X contains mainly reddish brown (5YR 5/3) silty clay and pinkish white (7.5YR 8/2) calcareous nannofossil chalk. Silty clay in lower part of sections 2A,3A, 4A, and CC. Calcareous nannofossil chalk in 1A and upper part of section 2A. White (2.5Y 8/1) foraminiferal nannofossil chalk in section 2A. Most of the core has sparse bioturbation of trails tracks and burrows. Drilling disturbance caused severe biscuits in sections 2A and 3A, and slight to moderate biscuits in sections 1A and 4A.



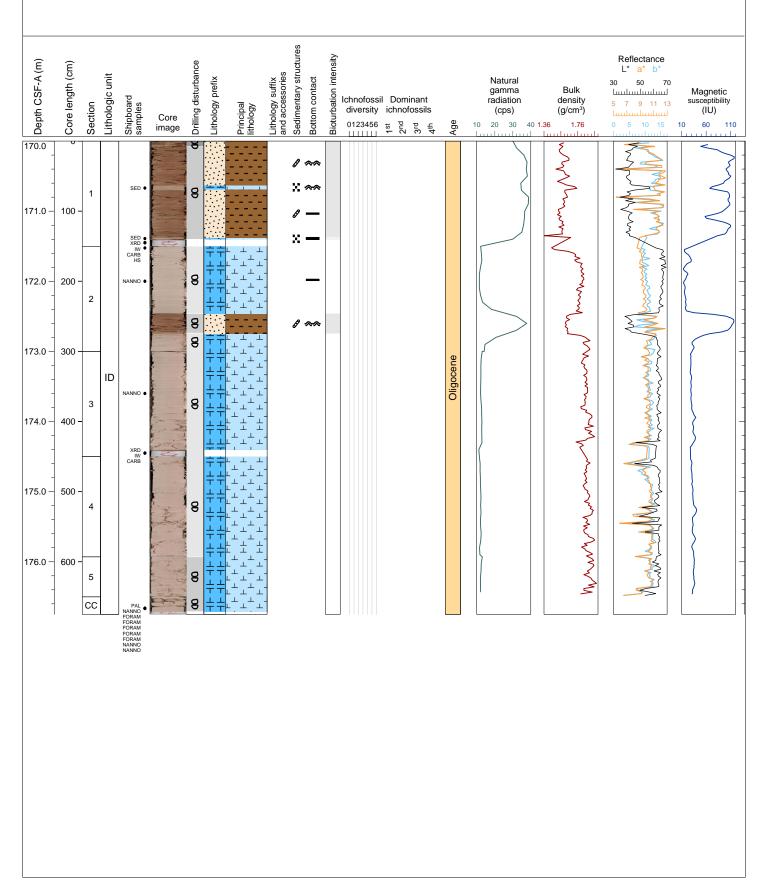
Hole 390C-U1556A Core 18X, Interval 160.4-165.41 m (CSF-A)

Core 18X contains mainly pinkish white (7.5YR 8/2) calcareous nannofossil chalk and reddish brown (5YR 5/3) silty clay. Calcareous nannofossil chalk in section 1A, upper part of section 2A, lower part of sections 3A, 4A, and CC. Silty clay in lower part of section 2A (94cm), upper part of section 3A (67cm). Most of the core have none to sparse bioturbation. Drilling disturbance caused biscuits and associated voids in section 1A (7-12cm), and slight biscuiting in sections 2A to CC.



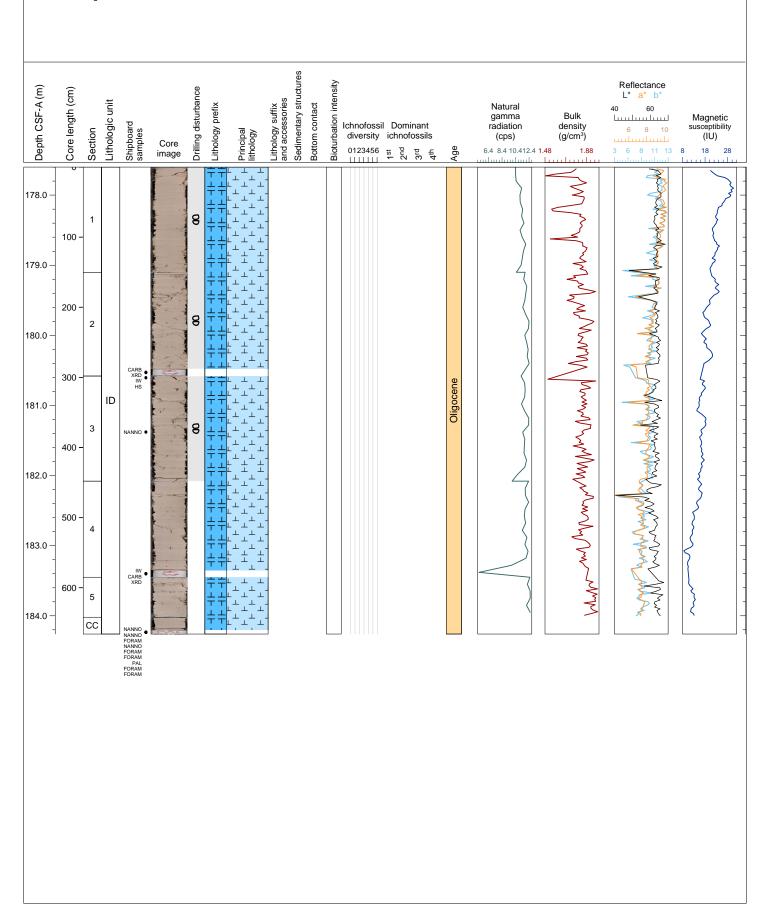
Hole 390C-U1556A Core 19X, Interval 170.0-176.75 m (CSF-A)

Core 19X contains mainly pinkish white (7.5YR 8/2) calcareous nannofossil chalk and reddish brown (5YR 5/3) silty clay. There is a distinct layer of foraminiferal nannofossil chalk (2.5Y 8/1) in bottom of section 1A. Most silty clay section has sparse bioturbation although it is more difficult to see in homogenous pinkish white sections. Drilling disturbance resulted in biscuits that destroyed the upper 8 cm of section 1A and they occur in upper part of section CC.



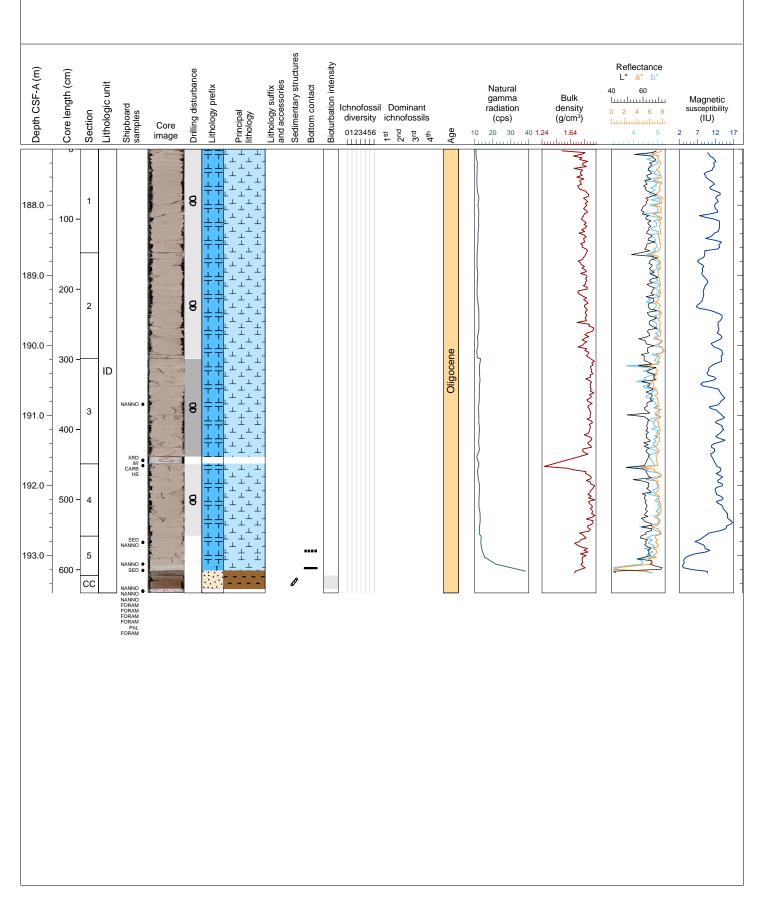
Hole 390C-U1556A Core 20X, Interval 177.6-184.26 m (CSF-A)

Core 20X contains only pinkish white (7.5YR 8/2) calcareous nannofossil chalk. It is difficult to see bioturbation in homogenous pinkish white sections. Drilling disturbance caused some biscuiting in sections 1A to CC.



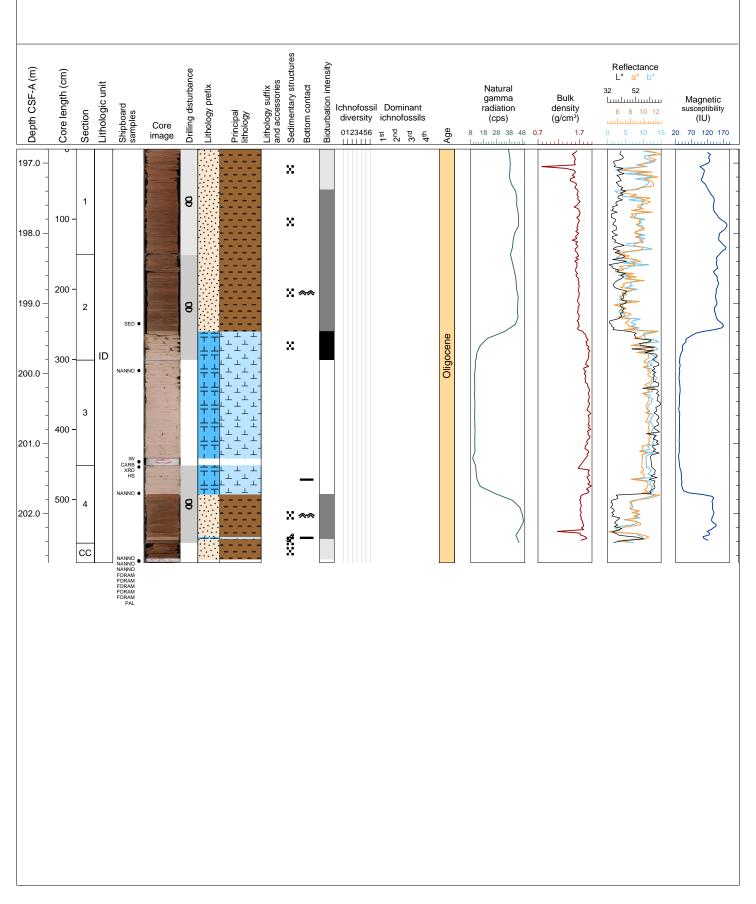
Hole 390C-U1556A Core 21X, Interval 187.2-193.53 m (CSF-A)

Core 21X contain mainly pinkish white (7.5YR 8/2) calcareous nannofossil chalk. There are white (2.5Y 8/1) laminations of foraminiferal nannofossil chalk medium in section 5A. There are medium and thin laminations of light grayish green (5GY 6/2) silty clay in section 5A. It is difficult to see bioturbation in homogenous pinkish white sections. Drilling disturbance has resulted in some biscuiting in sections 3A and 4A.



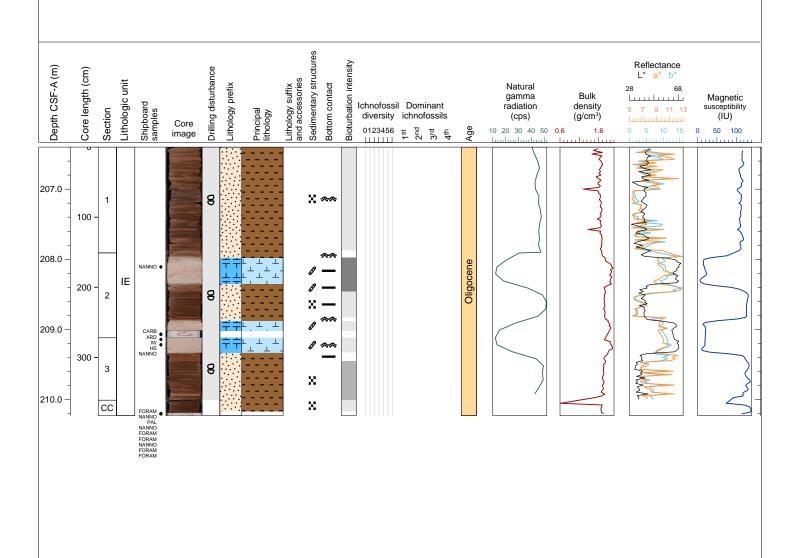
Hole 390C-U1556A Core 22X, Interval 196.8-202.7 m (CSF-A)

Core 22X contain mainly dark reddish gray to reddish brown (5YR 4/2 to 5YR 5/3) silty clay and pinkish white (7.5YR 8/2) calcareous nannofossil chalk. There are thin organic rich laminations in 1A 47cm. Moderate to high bioturbation in 1A, 2A, 4A, and CC. It is difficult to see bioturbation in homogenous pinkish white sections. Drilling disturbance has resulted in some biscuiting.



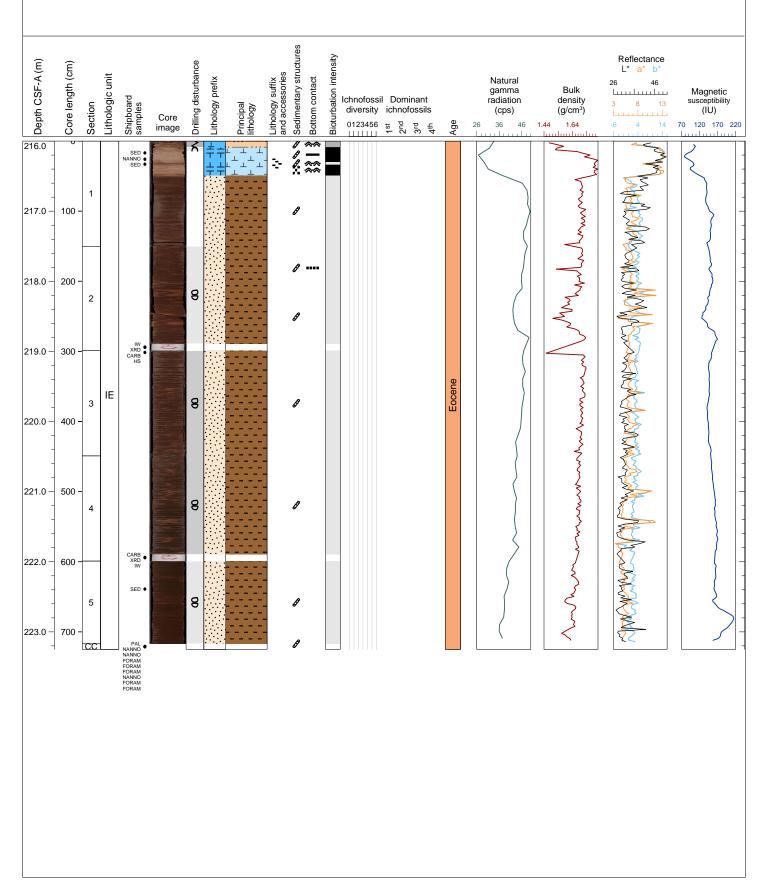
Hole 390C-U1556A Core 23X, Interval 206.4-210.23 m (CSF-A)

Core 23X contain mainly dark reddish gray to reddish brown (5YR 4/2 to 5YR 5/3) silty clay and pinkish white (7.5YR 8/2) calcareous nannofossil chalk. Sparse to moderate bioturbation in 1A to CC. Drilling disturbance has resulted in some biscuiting.



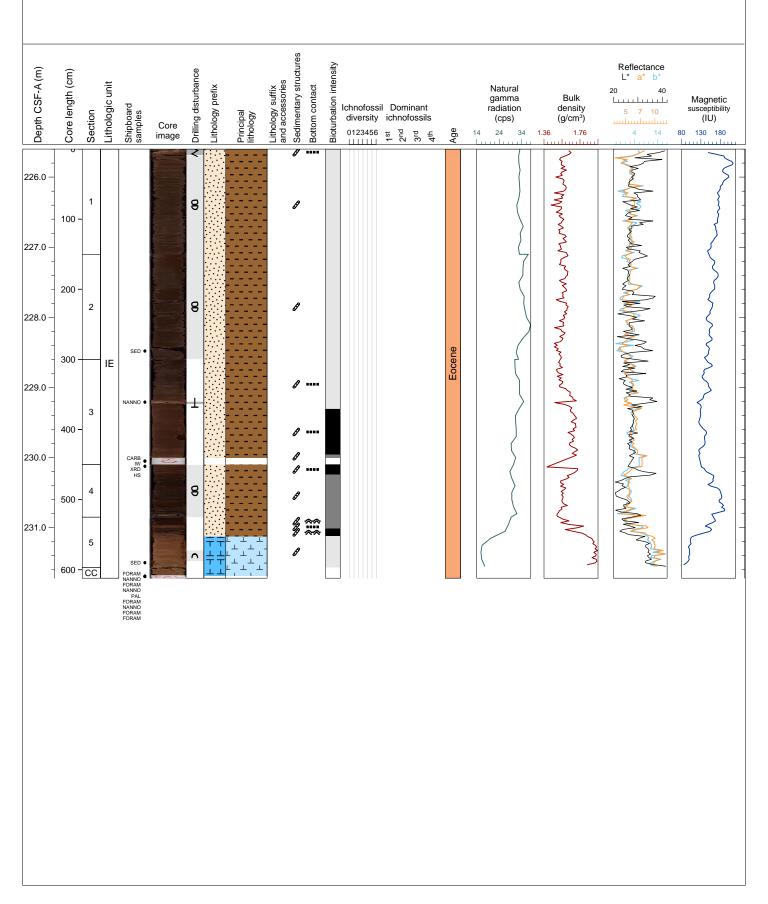
Hole 390C-U1556A Core 24X, Interval 216.0-223.25 m (CSF-A)

Core 24X contains mainly dark reddish gray to reddish brown (5YR 4/2 to 5YR 4/3) silty clay, and in 1A pink and pinkish white (5YR 6/2 and 7/4) calcareous nannofossil chalk. 5A is darker (5YR 3/3). Sparse bioturbation throughout except for moderate to high in 1A. Drilling disturbance has resulted in biscuits more or less throughout and some up-arching and fragmentation in 1A.



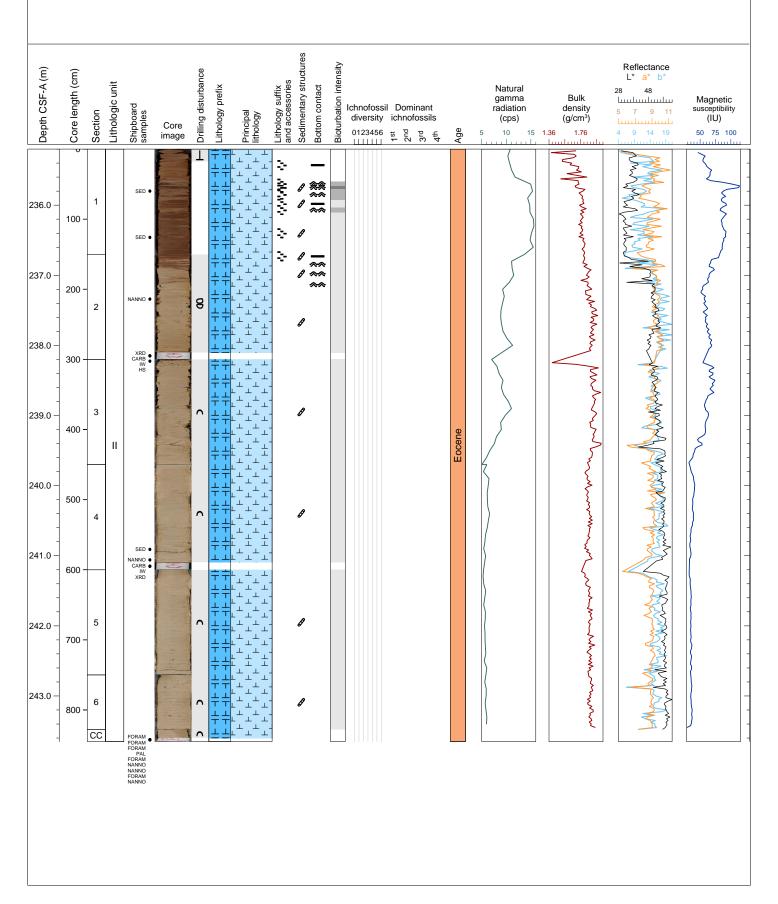
Hole 390C-U1556A Core 25X, Interval 225.6-231.72 m (CSF-A)

Core 25X contains almost all dark reddish brown or reddish brown (5YR 3/2 to 5YR 4/3) silty clay, except in 5A and CC there is a light brown (7.5YR 6/4) calcareous nannofossil chalk. Sparse to high bioturbation. Drilling disturbance has resulted in biscuits, a major fracture, some up-arching and fragmentation.



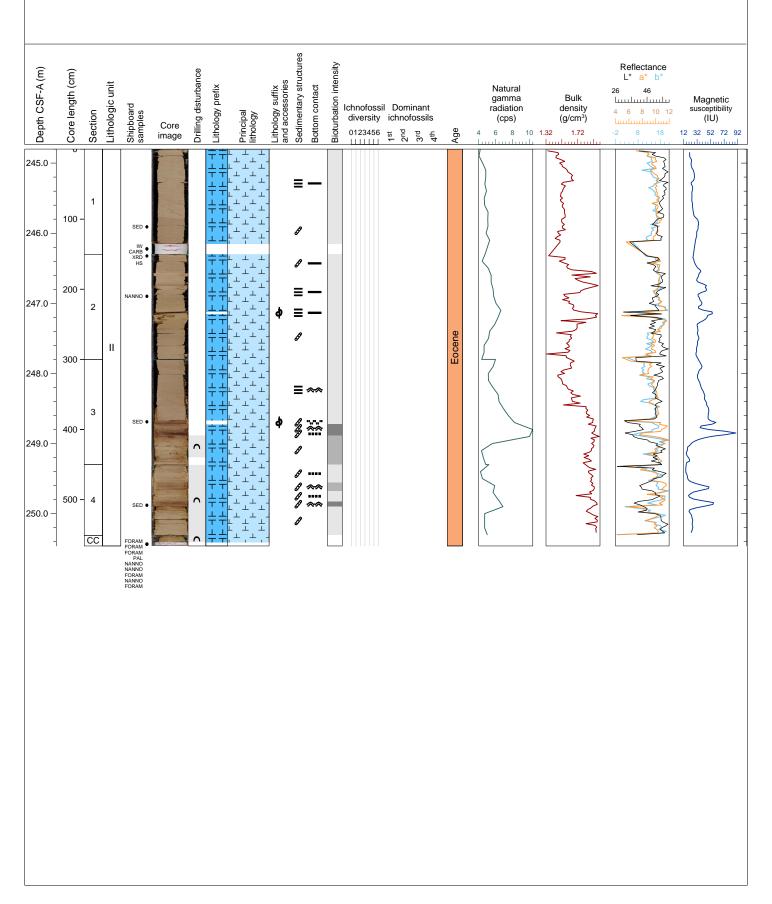
Hole 390C-U1556A Core 26X, Interval 235.2-243.65 m (CSF-A)

Core 26X contains almost all light brown or brown (7.5YR 6/3, 6/4, 4/4) and very pale brown (10YR 7/3) calcareous nannofossil chalk. In 2A, from 6 cm to 54 cm, sediments are convoluted. Bioturbation is sparse. Drilling disturbance has resulted in up-arching and biscuits.



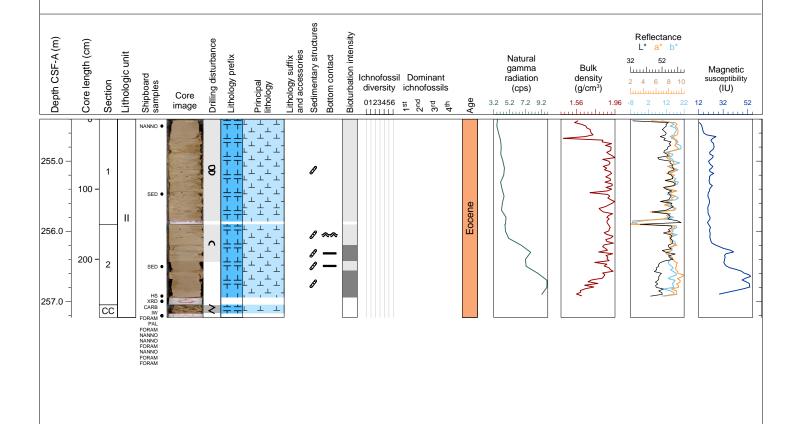
Hole 390C-U1556A Core 27X, Interval 244.8-250.46 m (CSF-A)

Core 27X contains mainly very pale brown, yellowish brown, and brown (10YR 7/4 and 7/3, 5/3, 6/4) calcareous nannofossil chalk. Two layers in 2A and 3A are prominent organic-rich nannofossil chalk with bioclasts. 1A,2A and much of 3A are moderately consolidated; sections have dried out and cracks and fragmentation occurs in places. Sparse bioturbation throughout. Drilling disturbance has resulted in up-arching in 3A, 4A and in the CC.



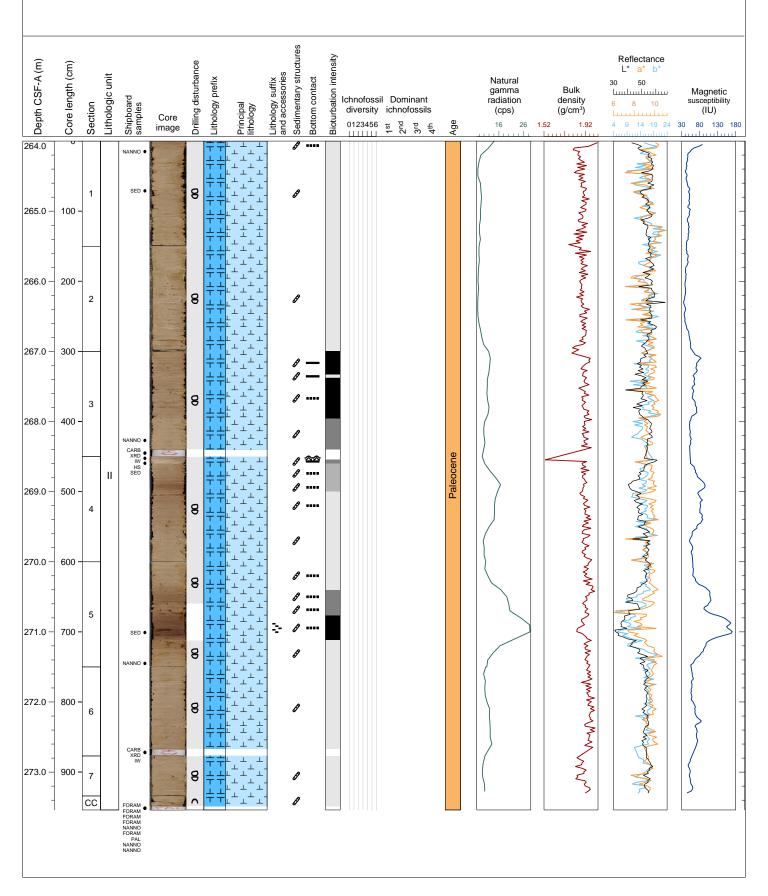
Hole 390C-U1556A Core 28X, Interval 254.4-257.23 m (CSF-A)

Core 28X contains very pale brown, yellowish brown, and light yellowish brown (10YR 7/4, 5/4, 6/4) calcareous nannofossil chalk. Sparse or moderate bioturbation throughout the core. Drilling disturbance has resulted in up-arching.CC is fragmented.



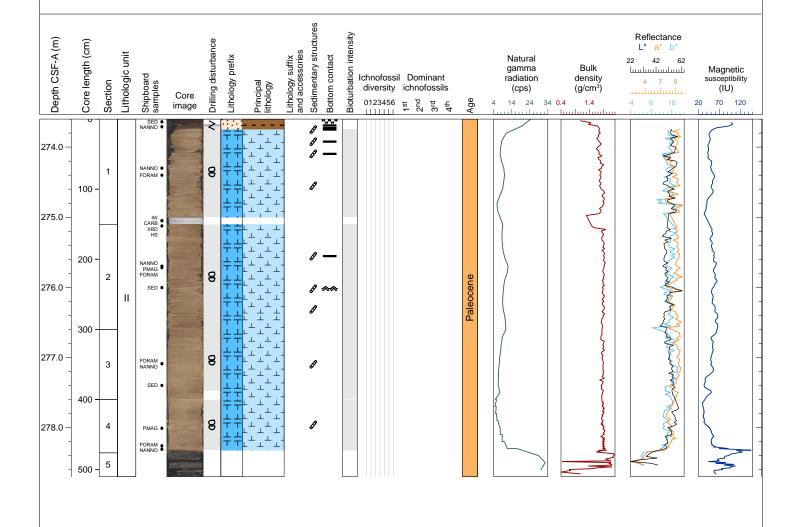
Hole 390C-U1556A Core 29X, Interval 264.0-273.54 m (CSF-A)

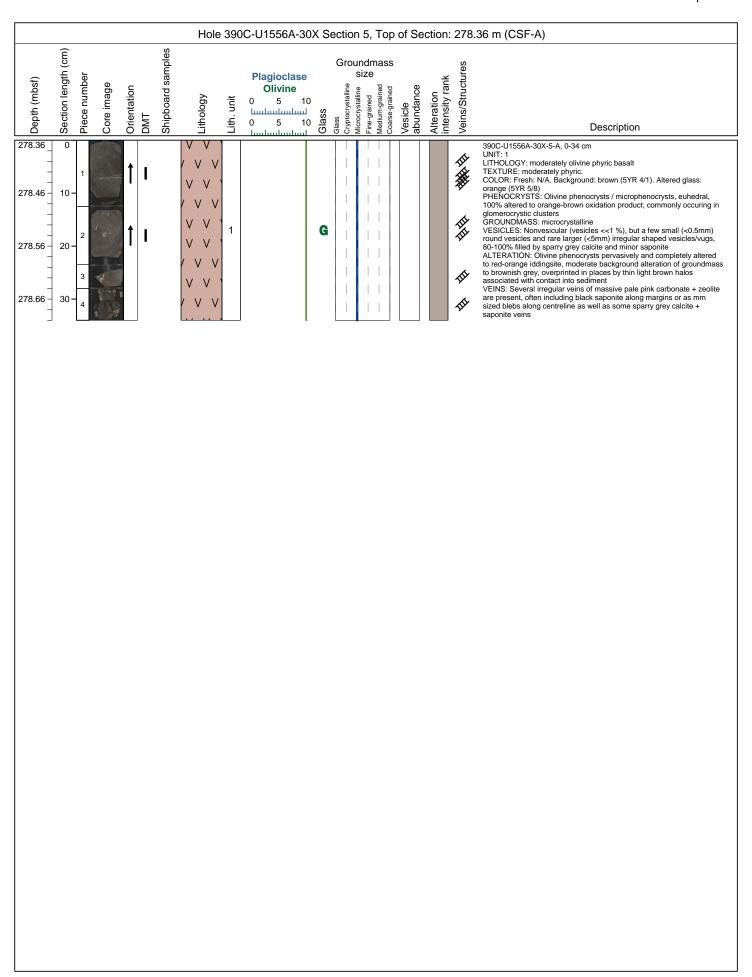
Core 29X contains mainly yellowish brown and light yellowish brown (10YR 6/4, 5/4) calcareous nannofossil chalk. One light red layer in 4A (2.5YR 7/8) is also calcareous nannofossil chalk. One brown layer in 5A is calcareous nannofossil chalk with clay. Mainly sparse or moderate bioturbation throughout the core. Drilling disturbance has resulted in biscuits and possibly some up-arching.

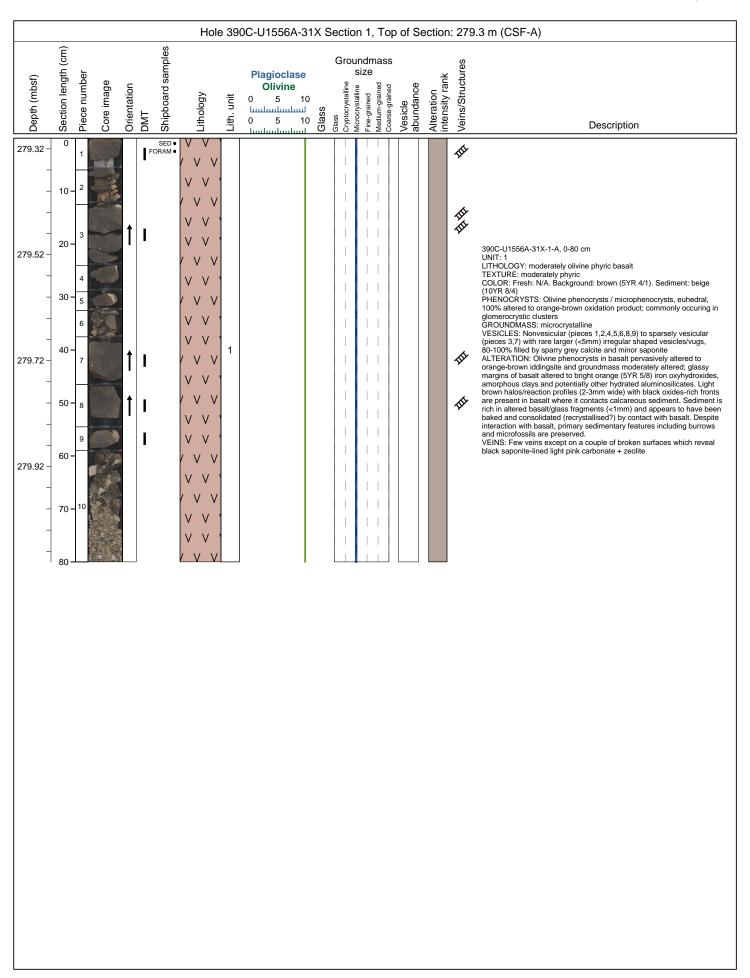


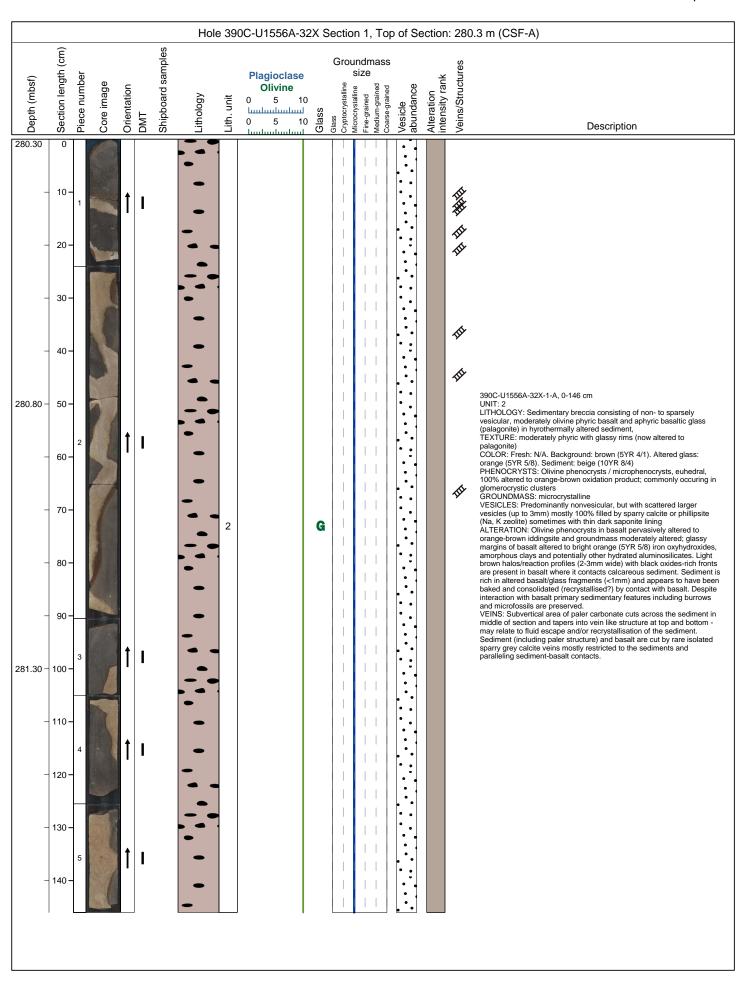
Hole 390C-U1556A Core 30X, Interval 273.6-278.7 m (CSF-A)

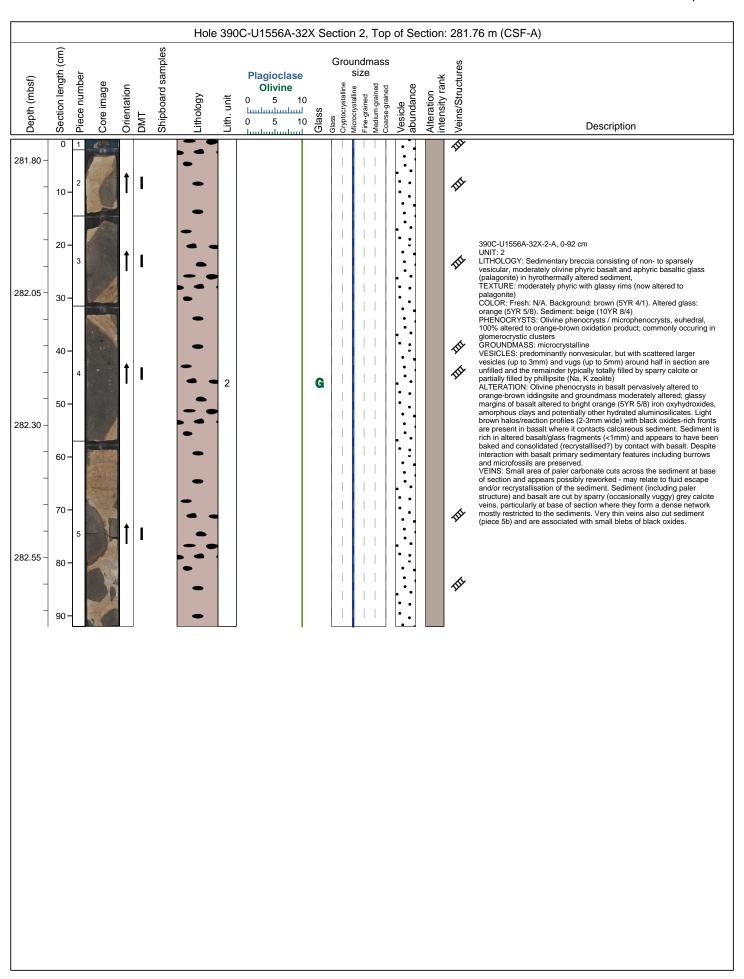
Core 30X contains mainly very pale brown to pale brown (10YR 7/3 and 6/3) calcareous nannofossil chalk. In 1A two layers are very dark brown (7.5YR 2.5/2) and brown (7.5YR 4/2) respectively, which are silty clay with nannofossils as an an accessory. Sparse bioturbation throughout the core. Drilling disturbance has resulted in mainly biscuits and one fragmented section near the top of 1A.

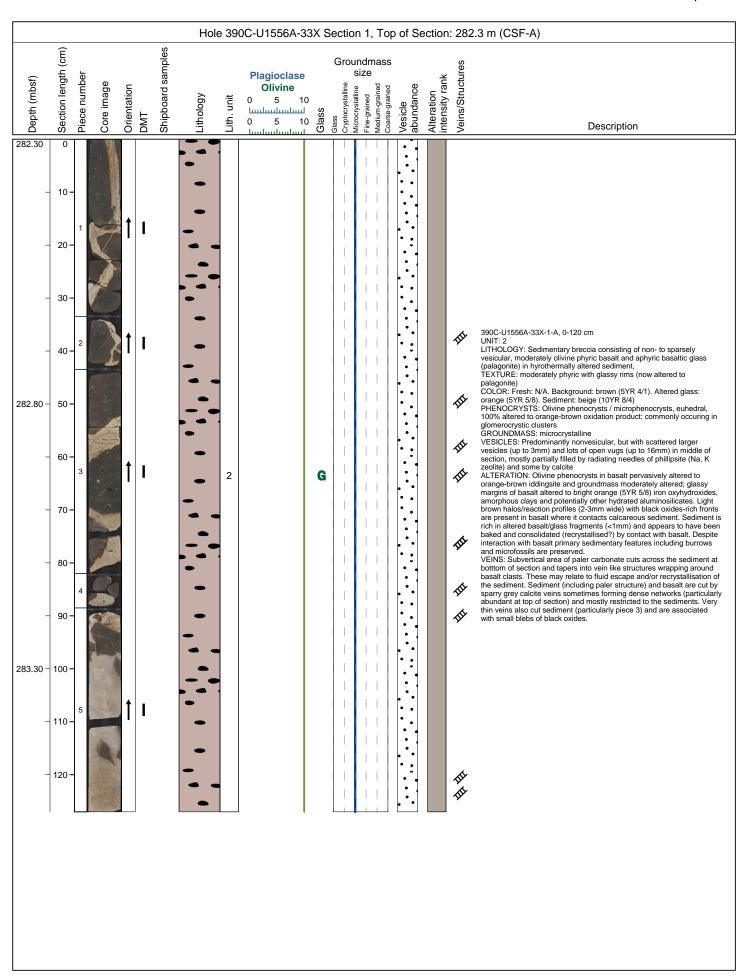








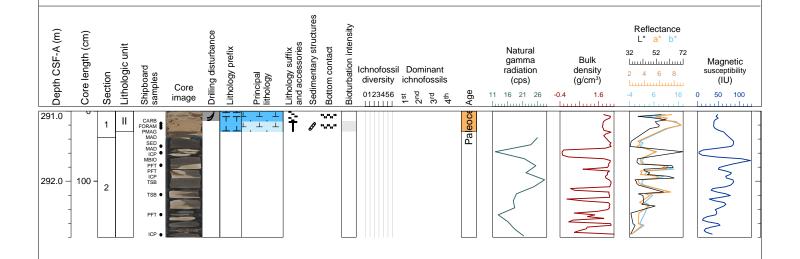


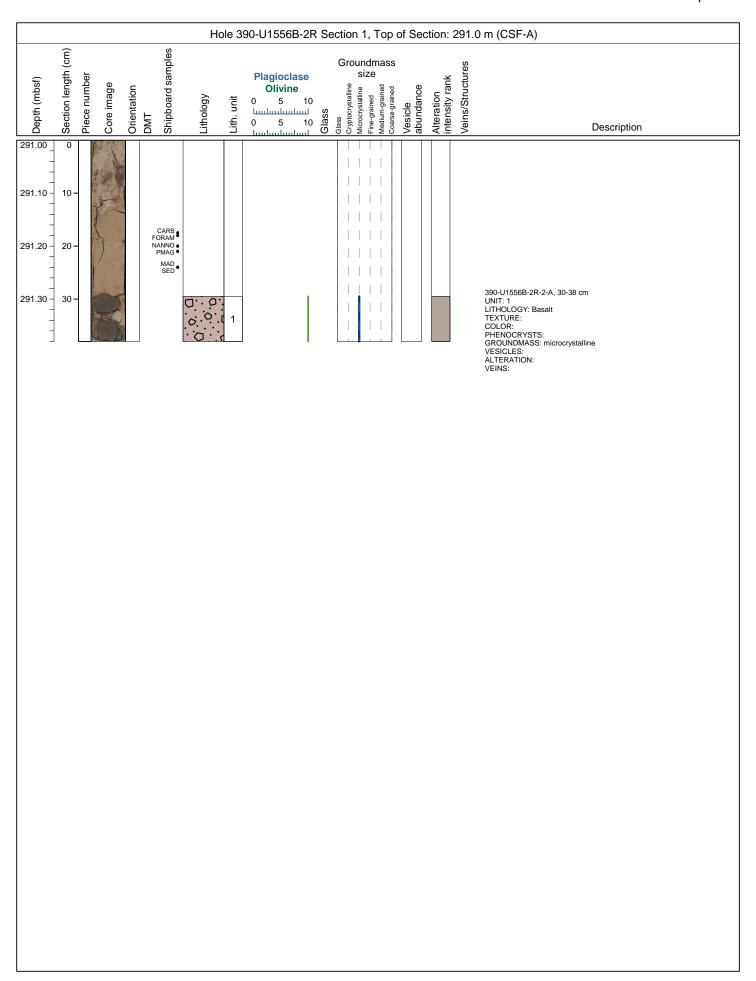


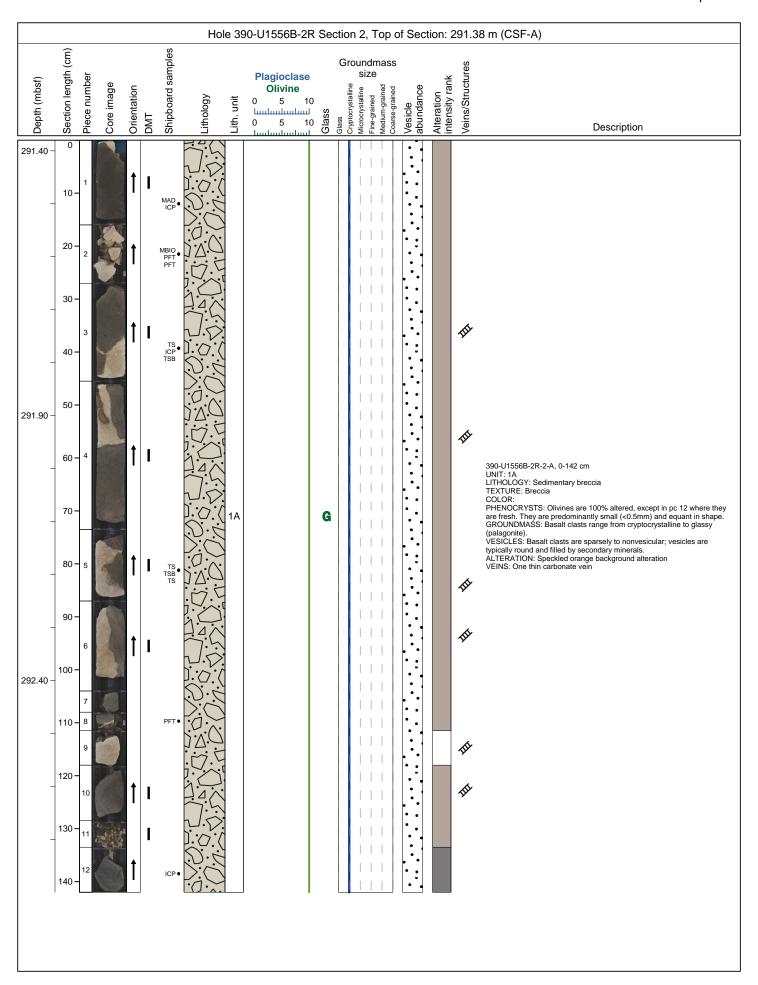
Hole 390-U1556B Core 11, Interval 0.0-291.0 m (CSF-A)															
DRILLED INTERVAL 0-291.0 m															
(m)	(cm)				nce		(0	uctures.	ensity					Reflectance L* a* b*	
Depth CSF-A	gth (c unit	-		disturbance	Lithology prefix Principal	iirrology Lithology suffix and accessories	Sedimentary stru Bottom contact	Bioturbation intensity			Natural gamma	Bulk	0 1 1 LLLL	Magnetic
Ę	ore length	Section Lithologic	Shipboard samples	Core	ng di	Lithology Principal	ogy ology acces	Sedimentary Bottom conta	ırbati	Ichnofossil Dominant diversity ichnofossils		radiation (cps)	density (g/cm³)	0 0 1 1 1 Lumburdundund	susceptibility (IU)
Dep	Cor	Sec	Ship	image	Drilling	Prince :	Lithc	Sedi	Biot	0153429 th b d th	Age	0 0.25 0.5 0.75 1	0 0.5 1		0 0.25 0.5 0.75 1

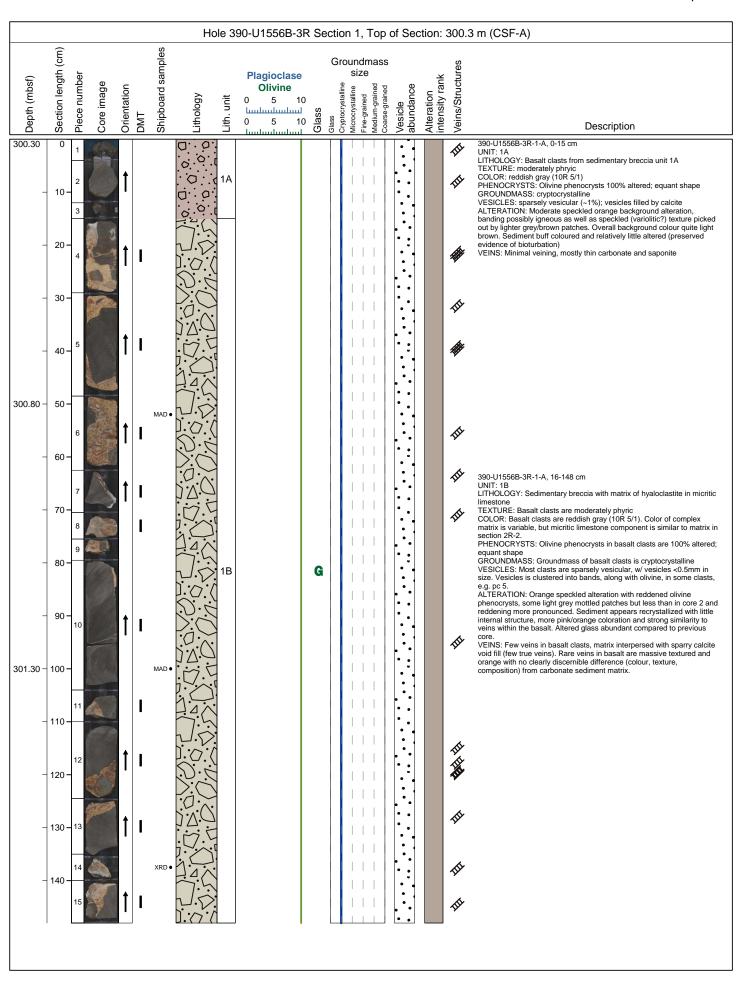
Hole 390-U1556B Core 2R, Interval 291.0-292.8 m (CSF-A)

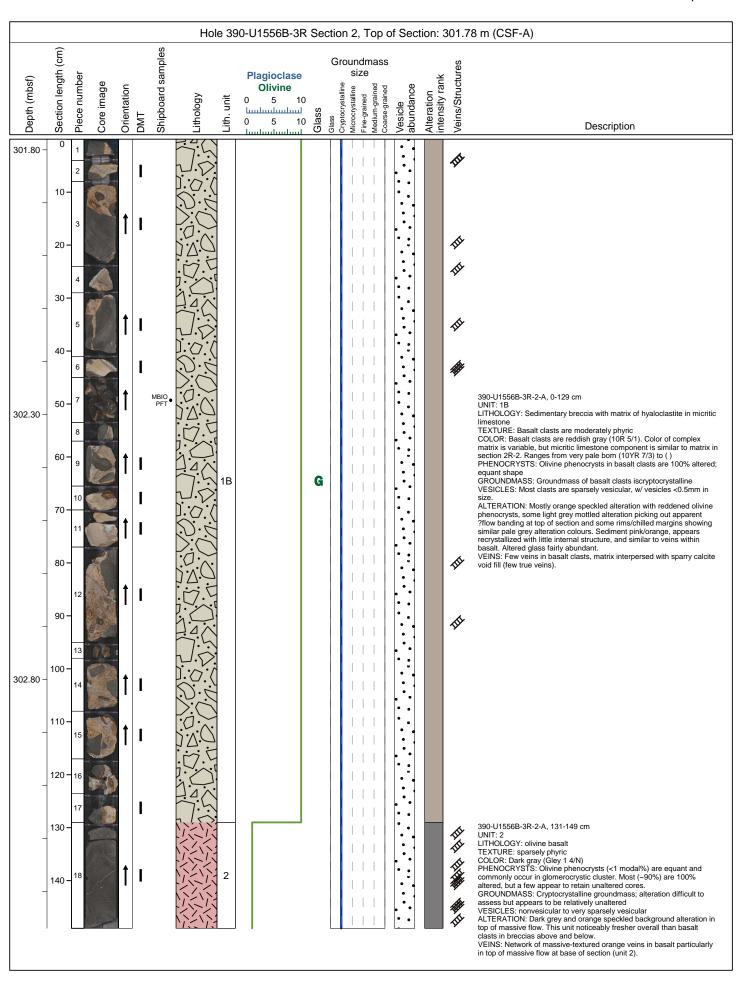
Core 2R is composed by an pink (7.5YR 7/3) calcareous nannofossil ooze with clay on top (heavily disturbed by drilling, with silty clays fall in) and a very pale brown (10YR 7/4) calcareous nannofossil chalk with foraminifera (below). Sparse bioturbation occur in the calcareous nannofossil chalk. Basalt occurs as rubble clasts at the bottom of the sediment core.

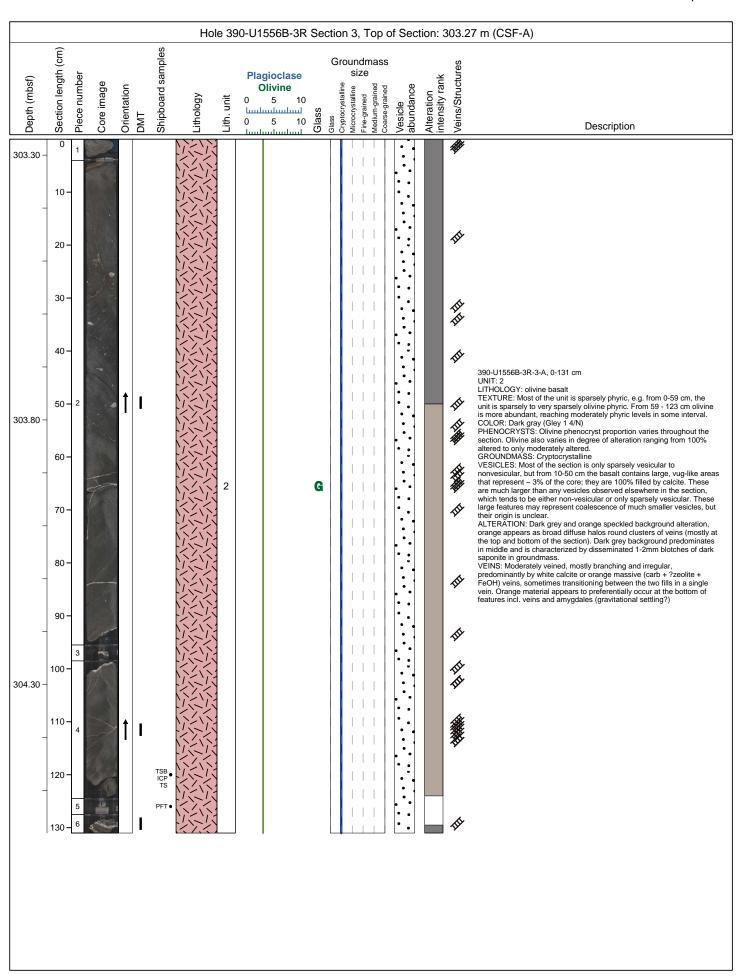


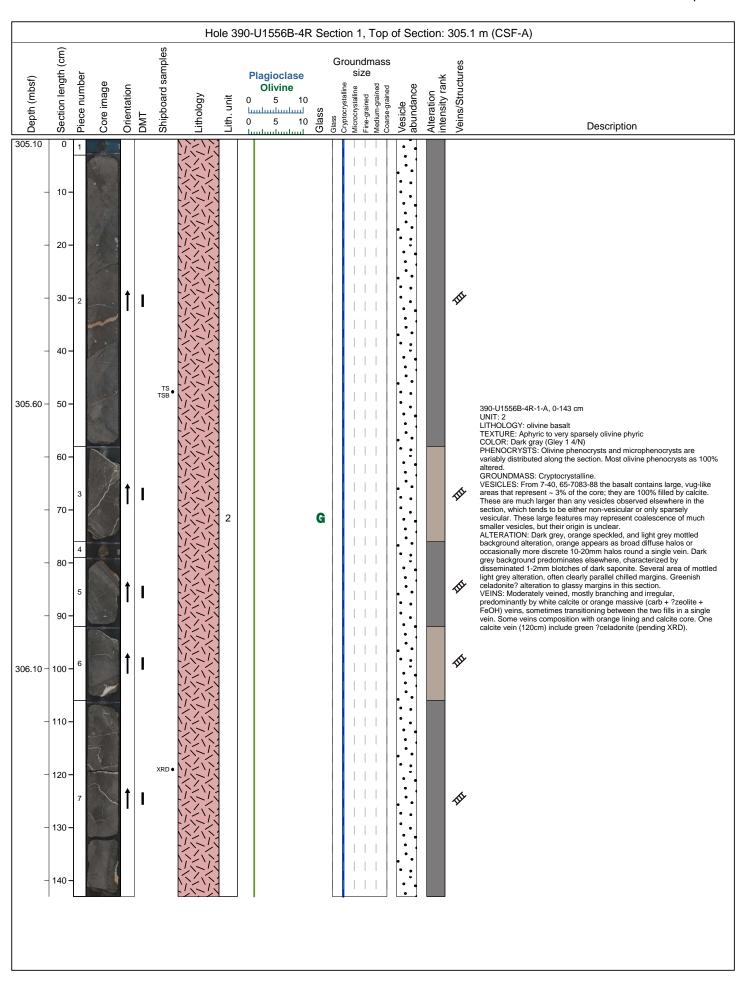


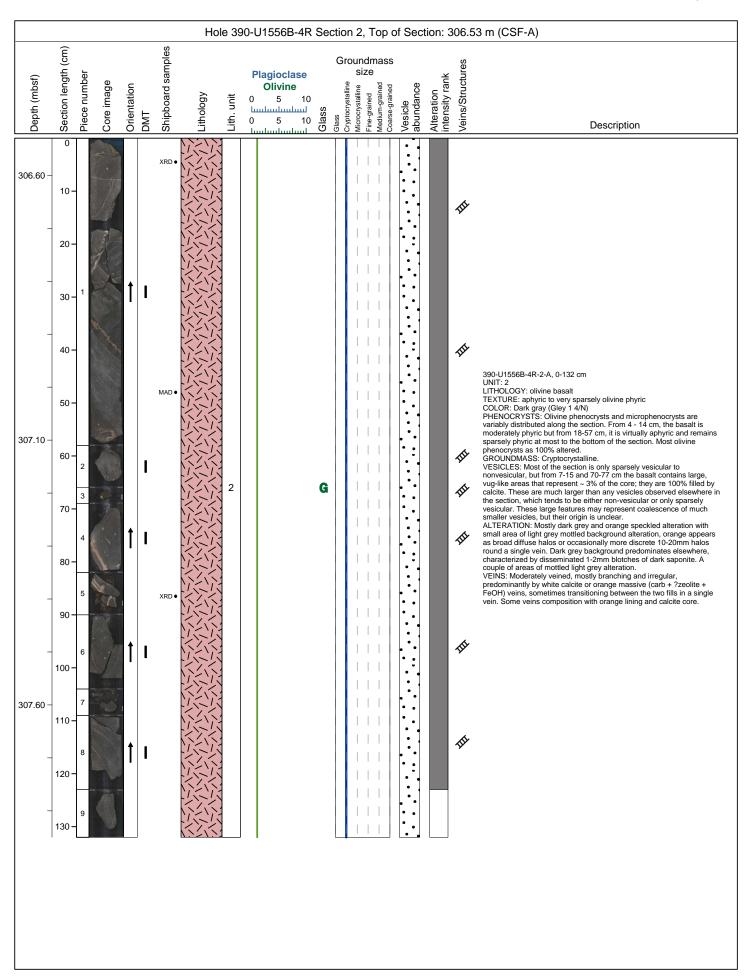


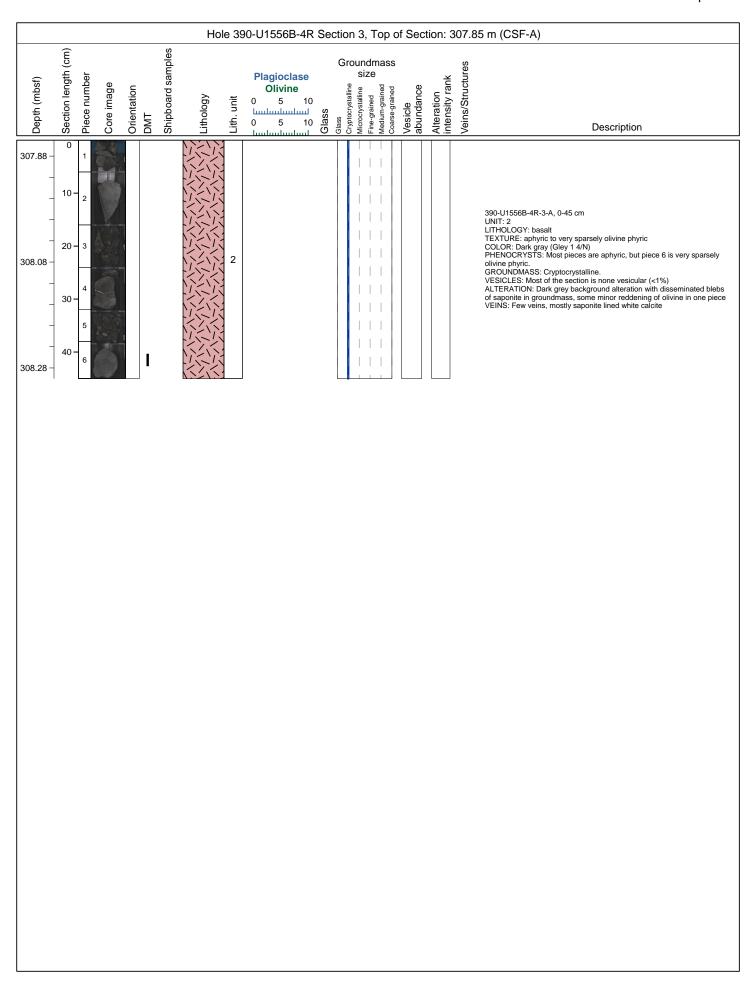


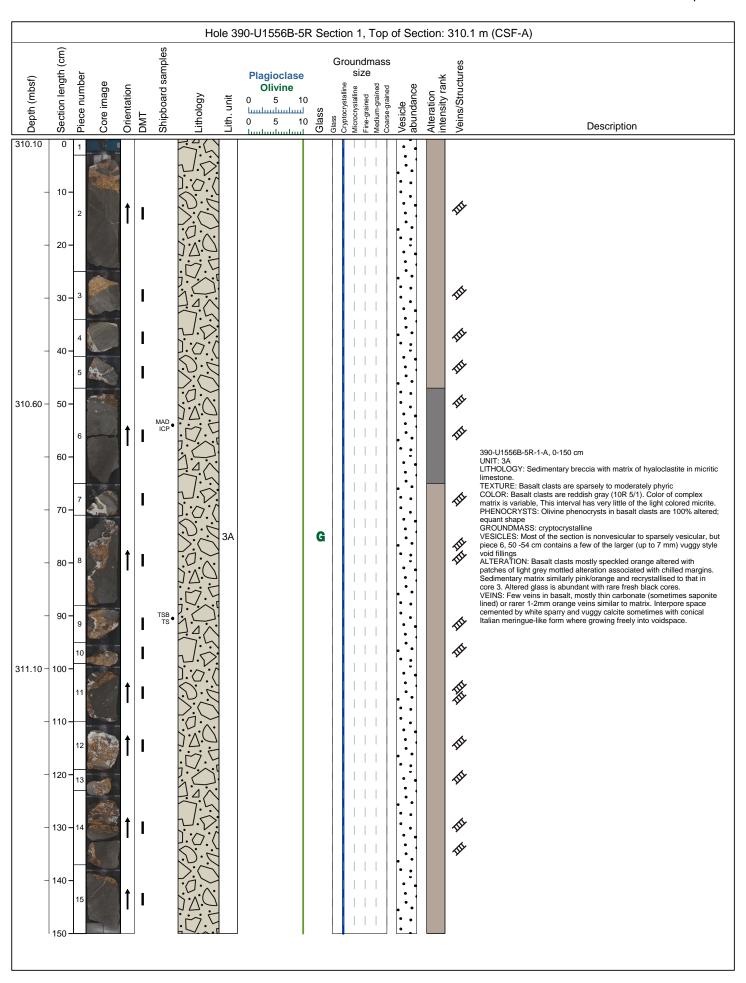


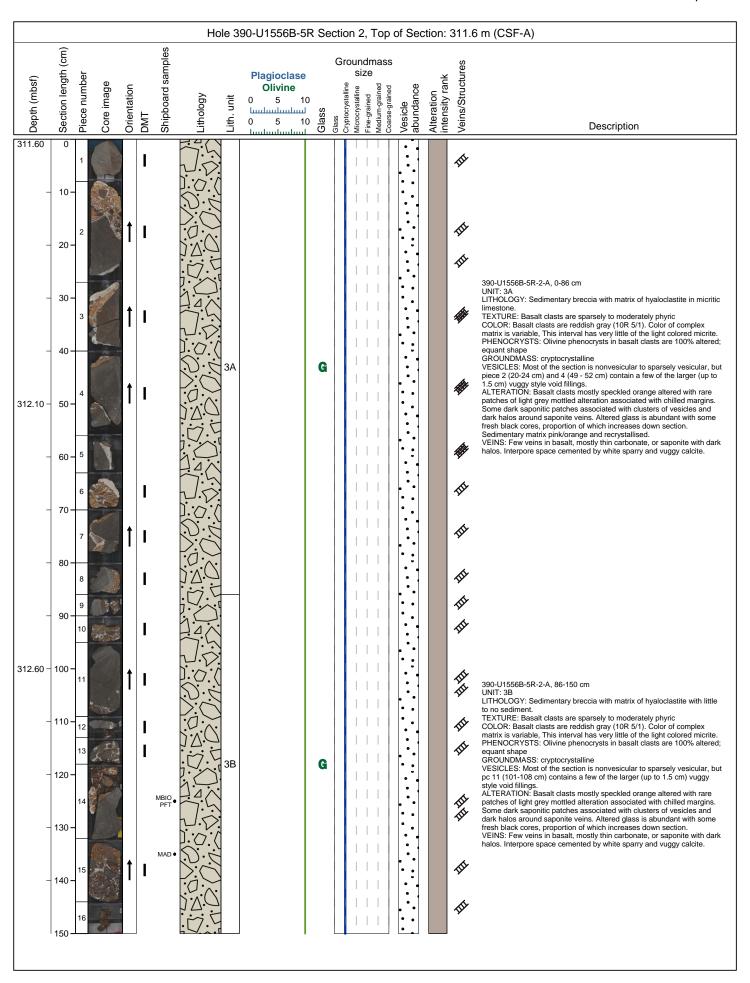


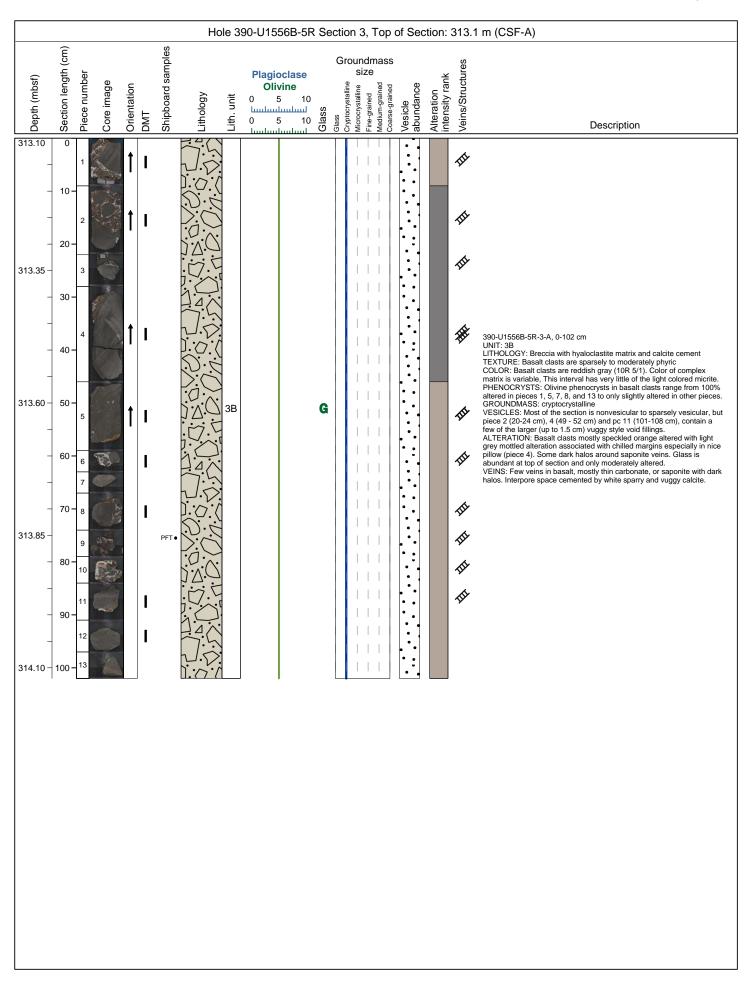


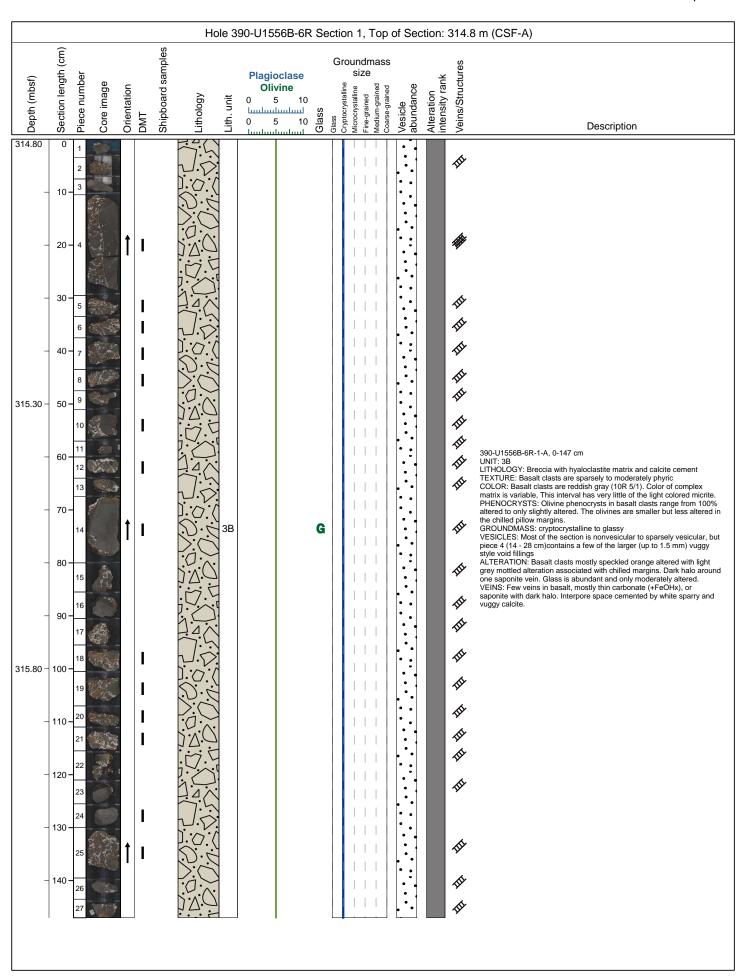


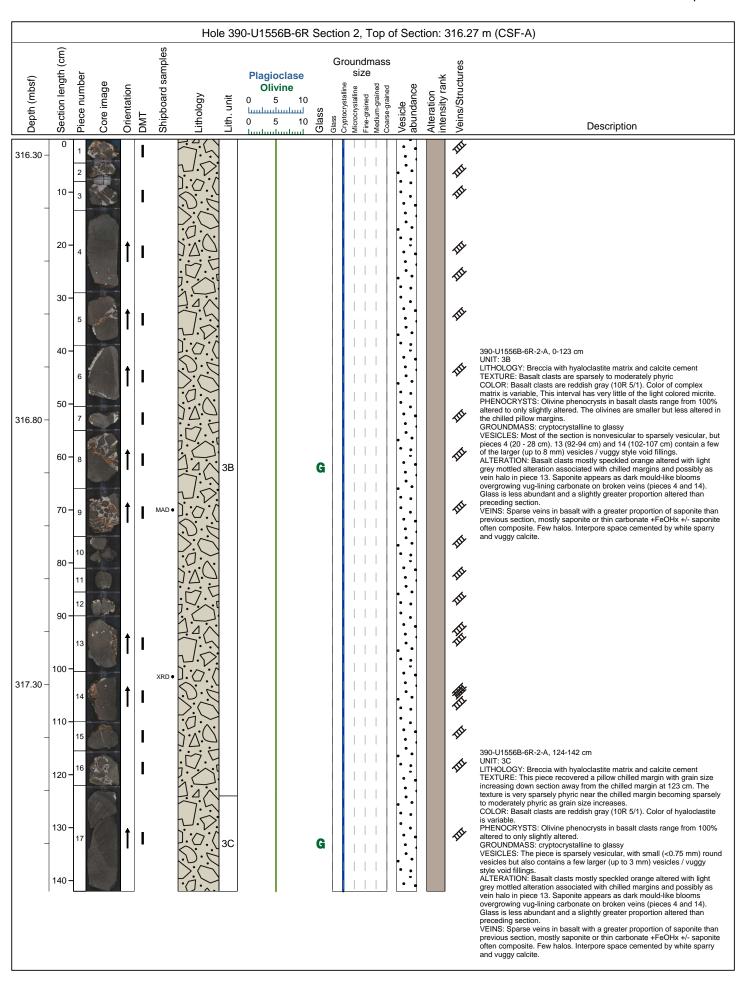


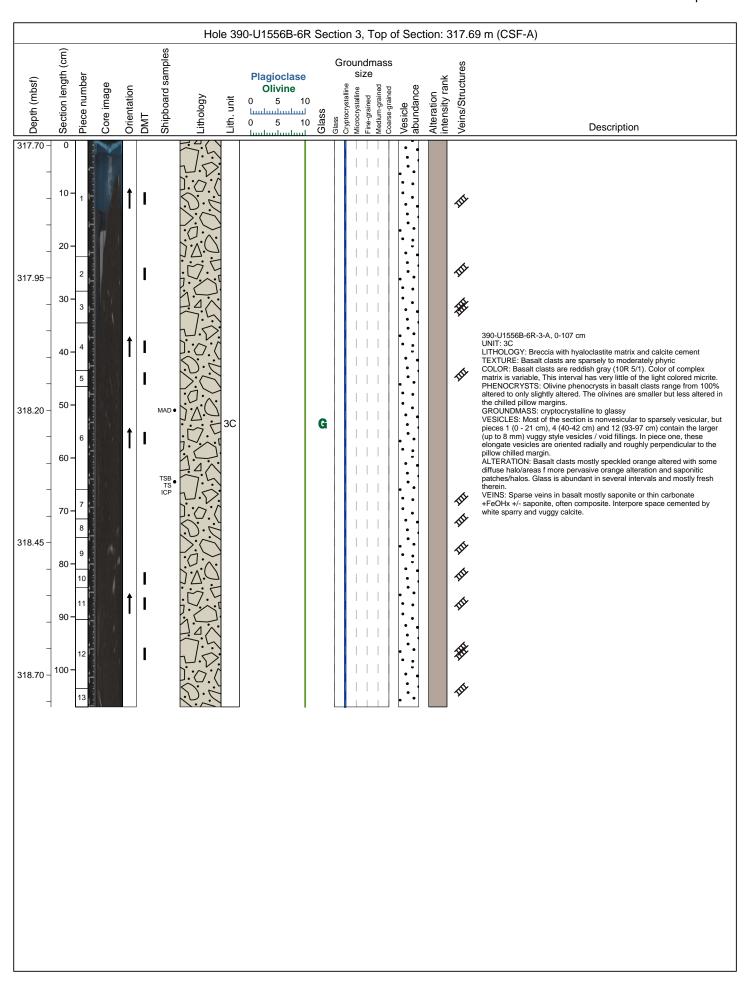


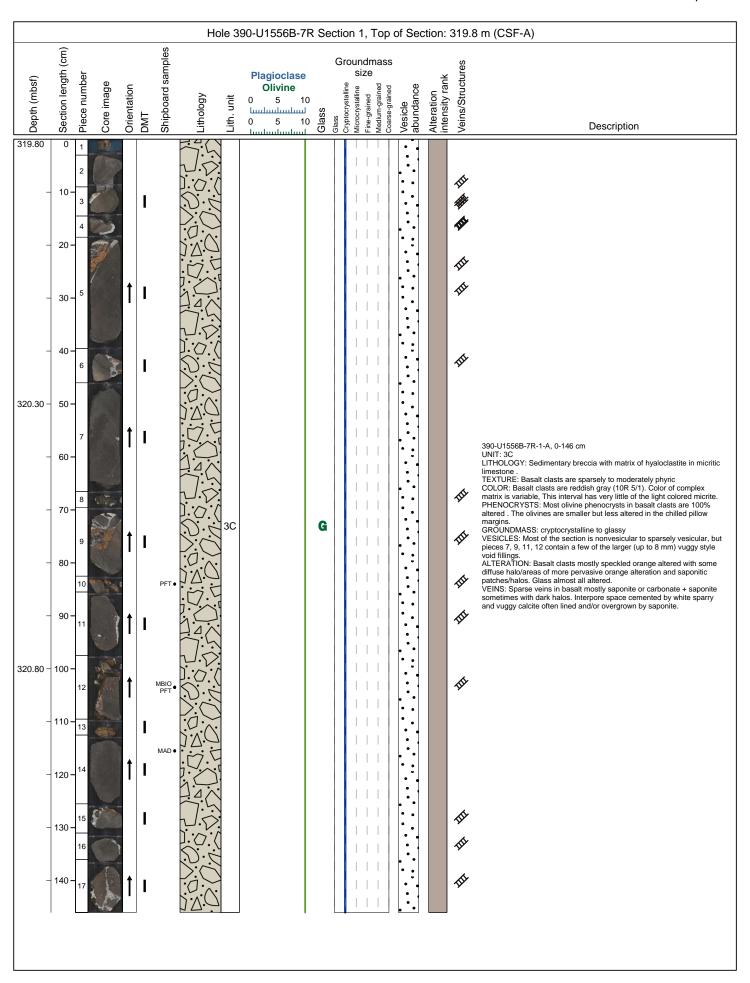


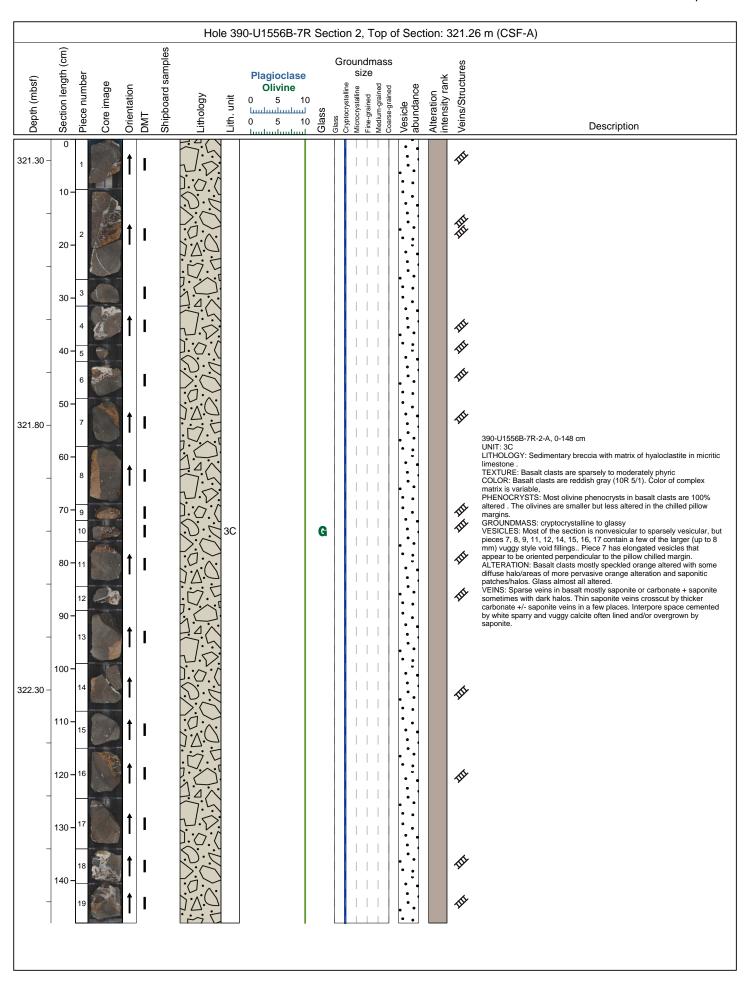


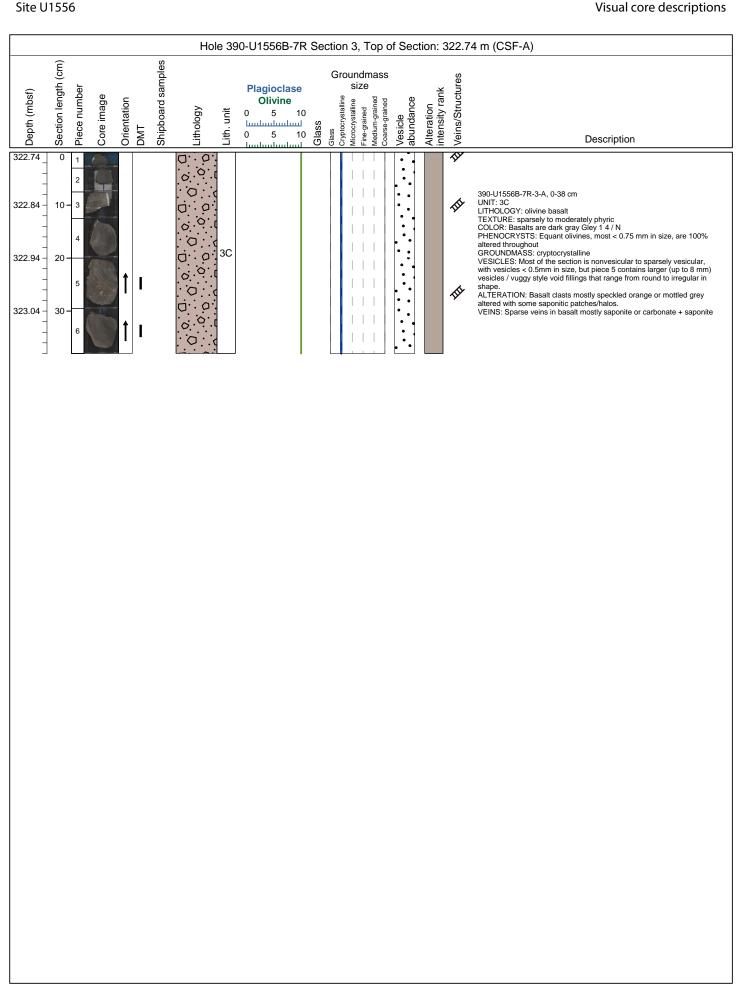


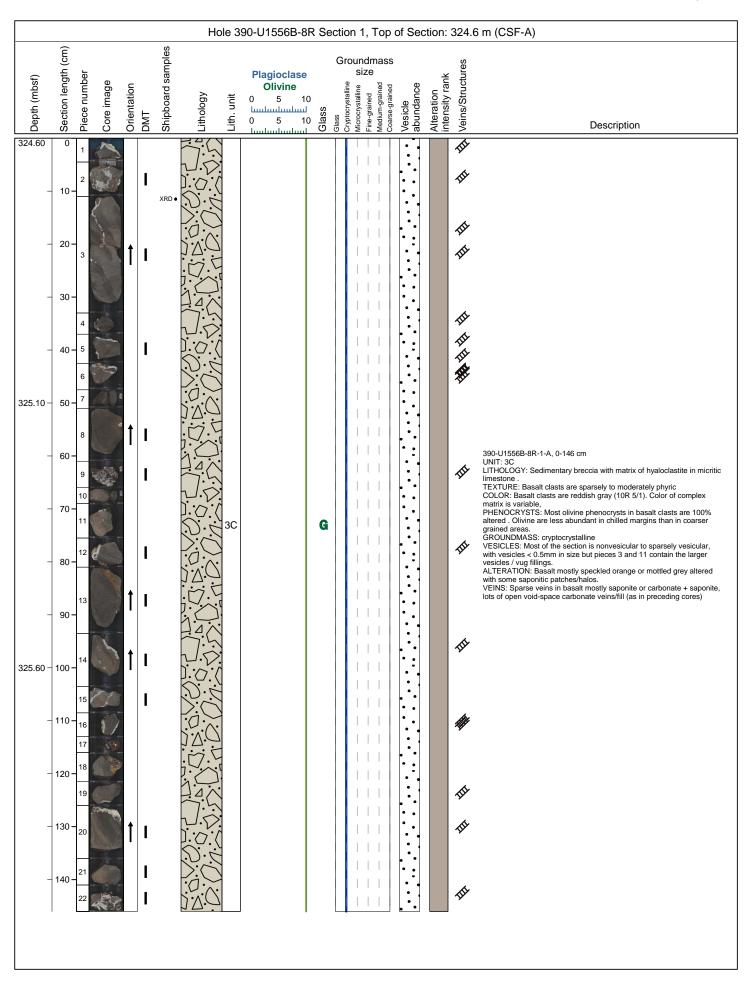


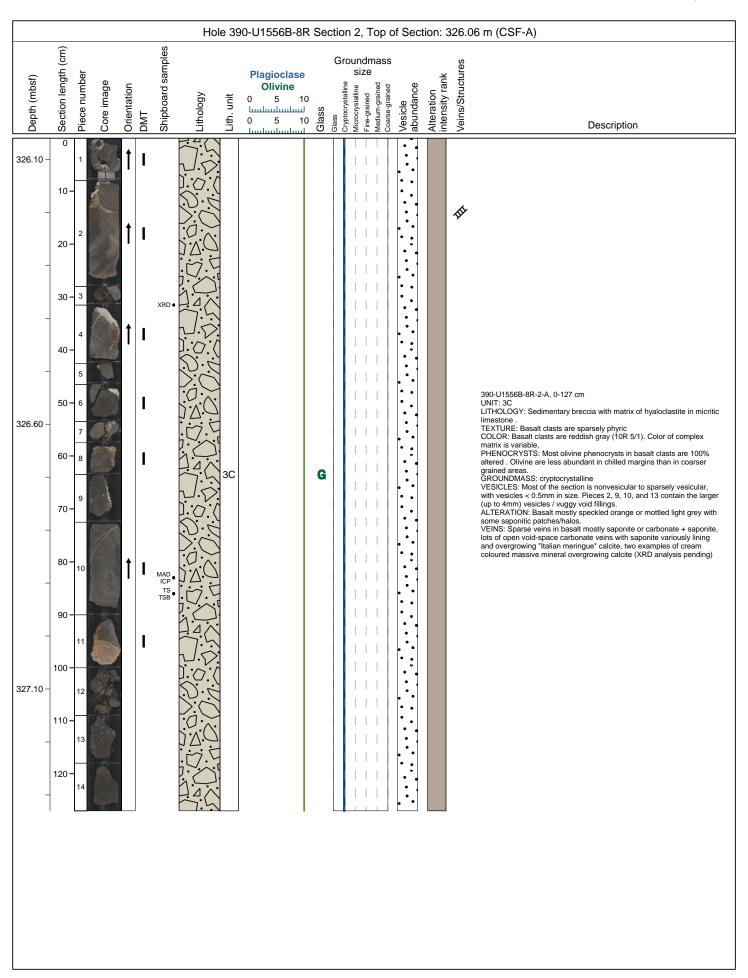


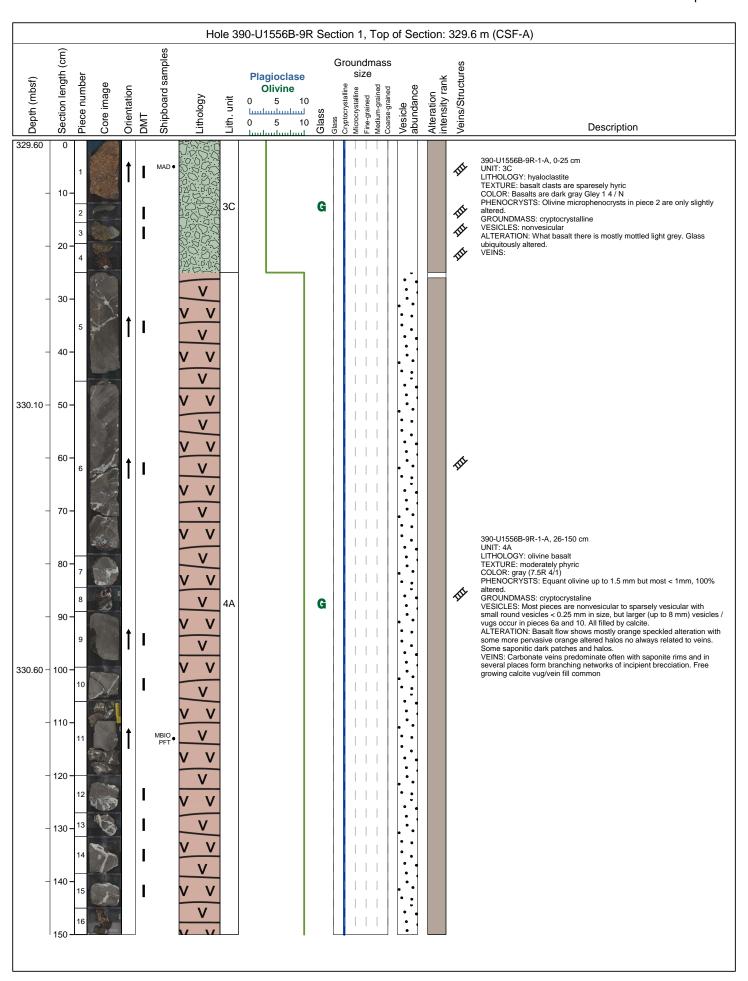


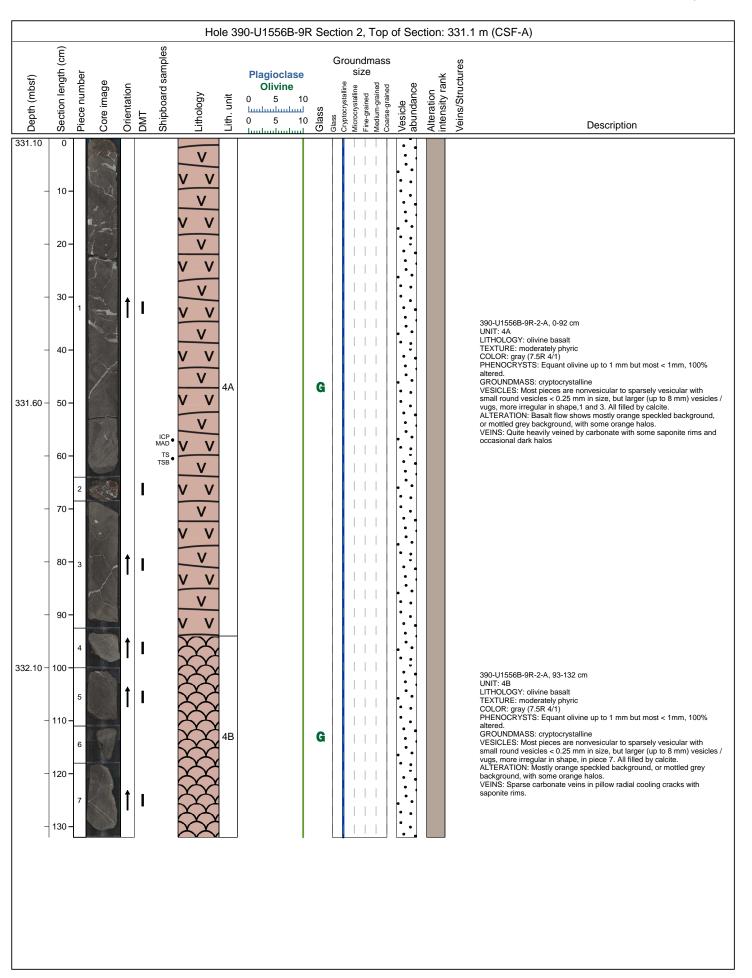


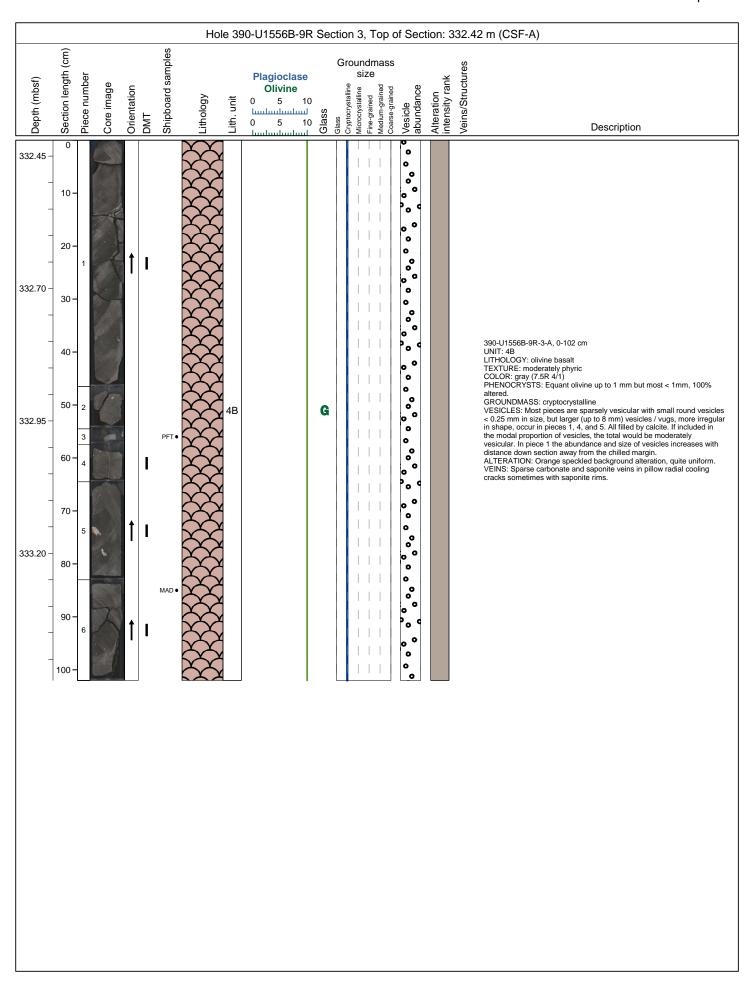


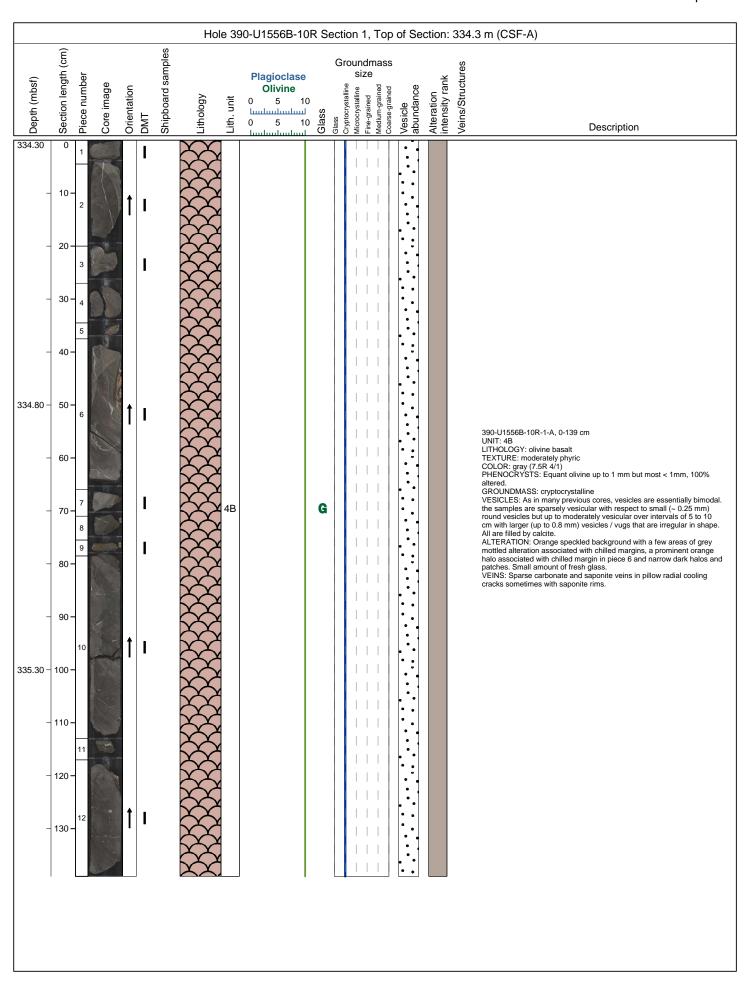


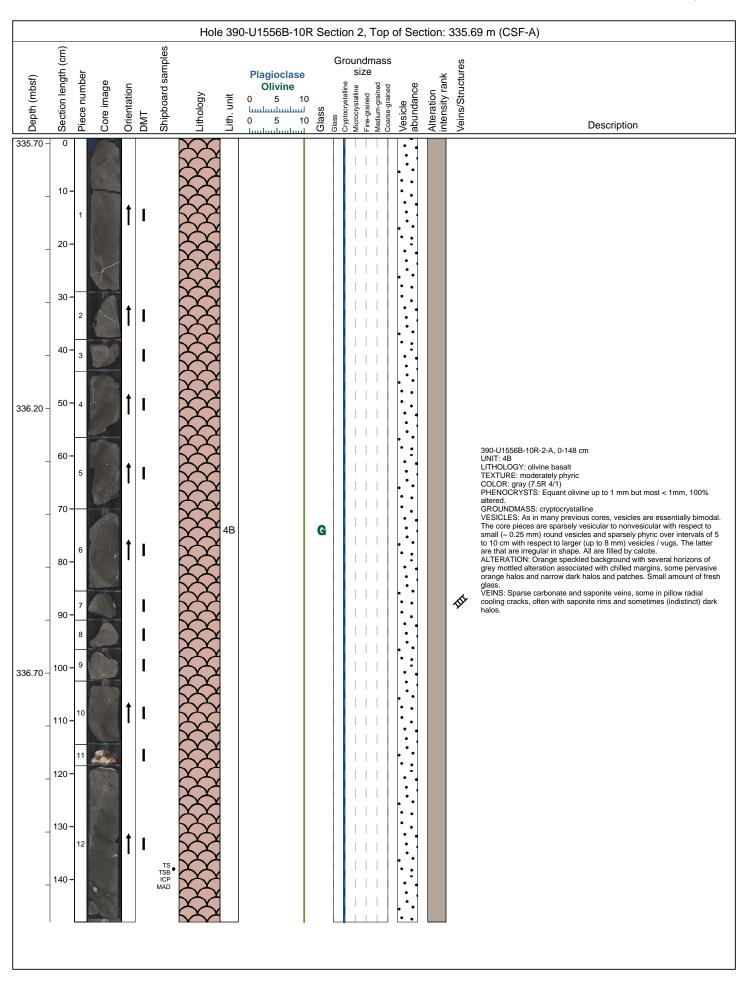


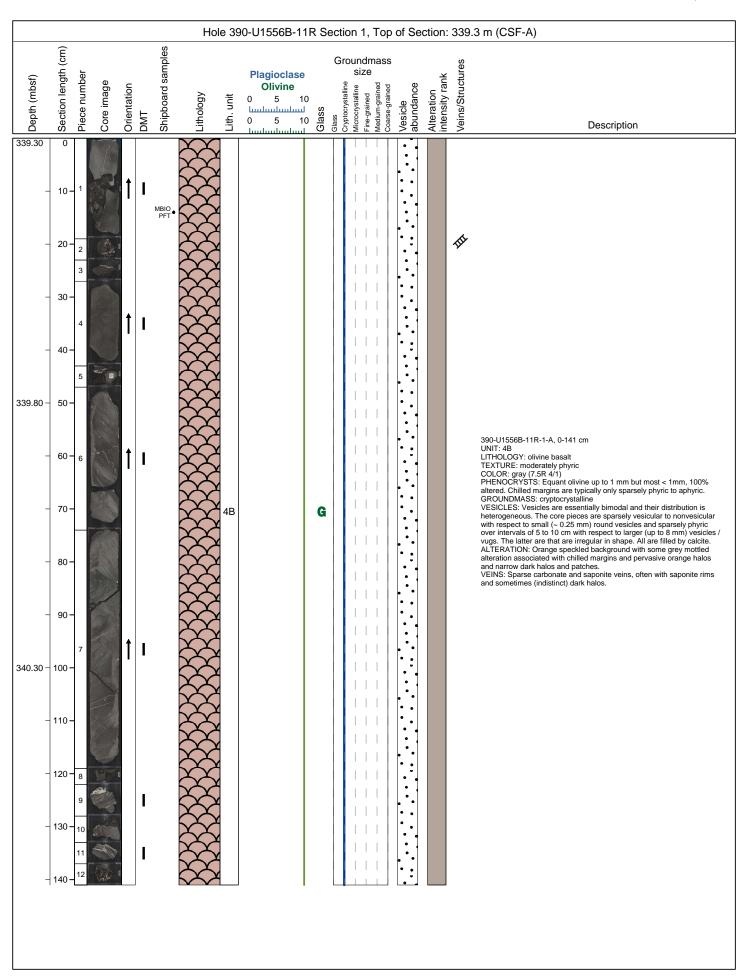


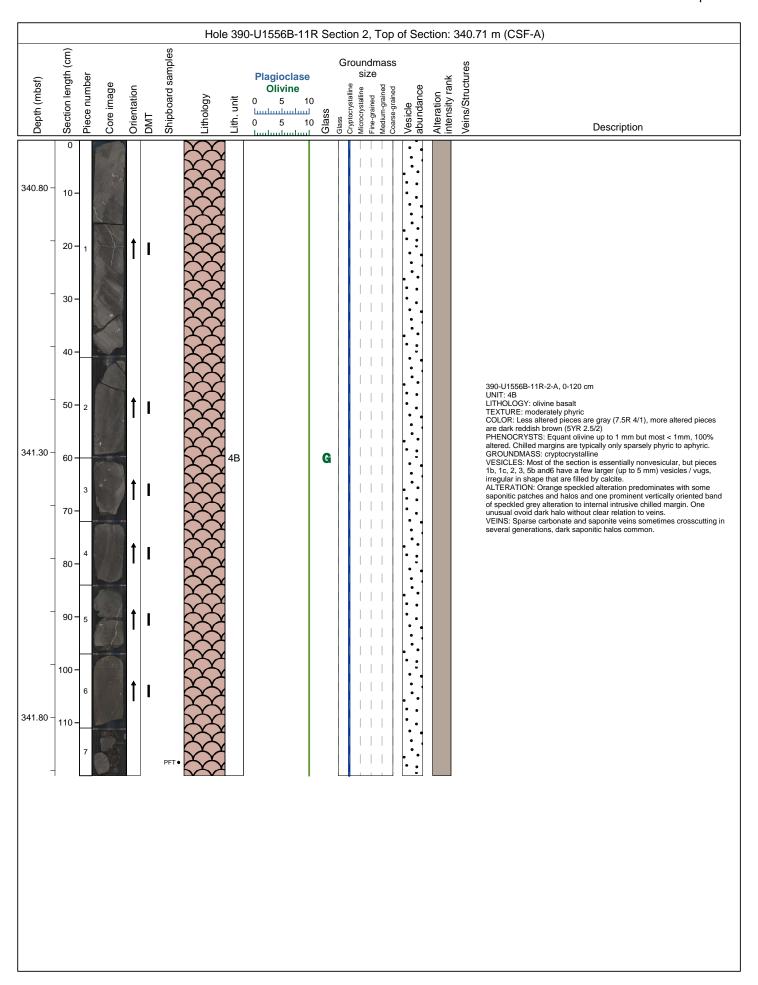


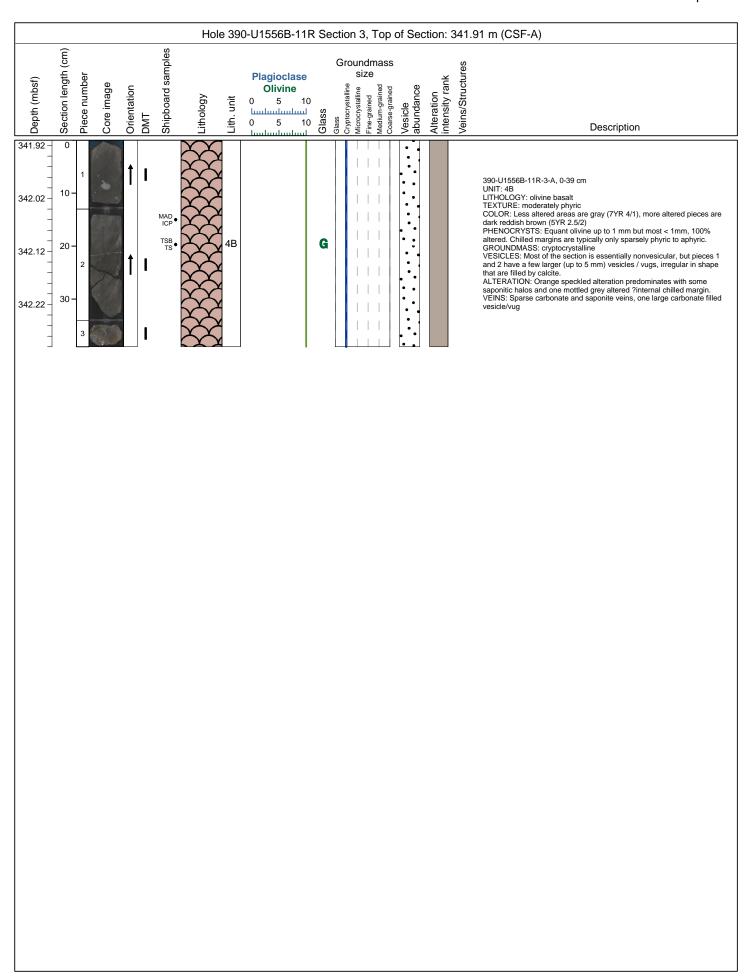


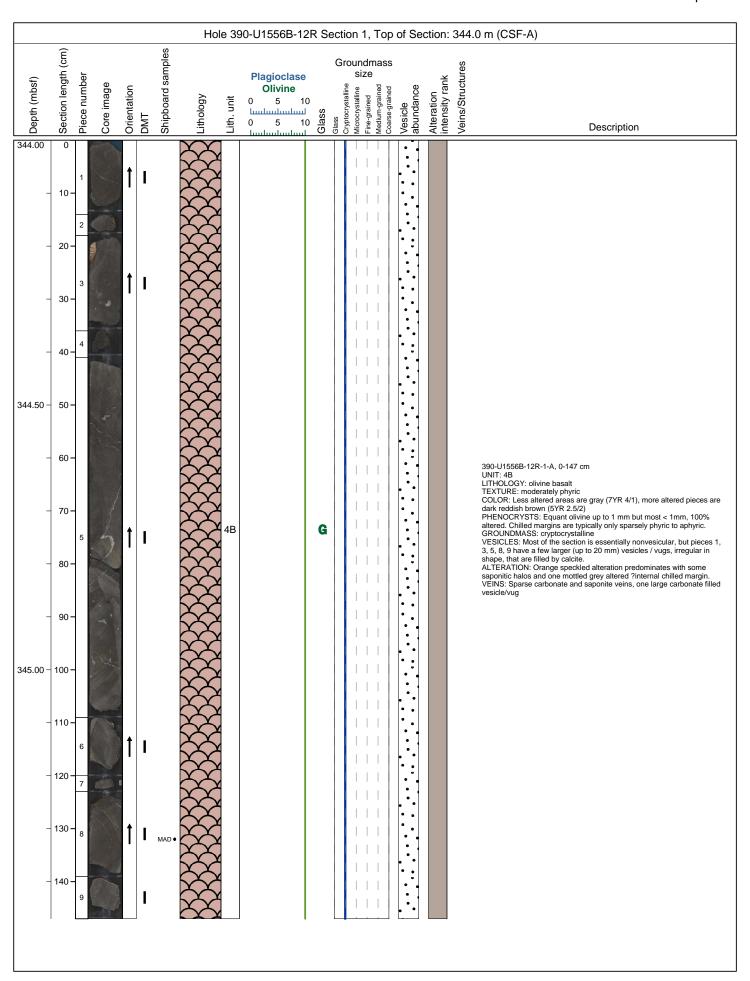


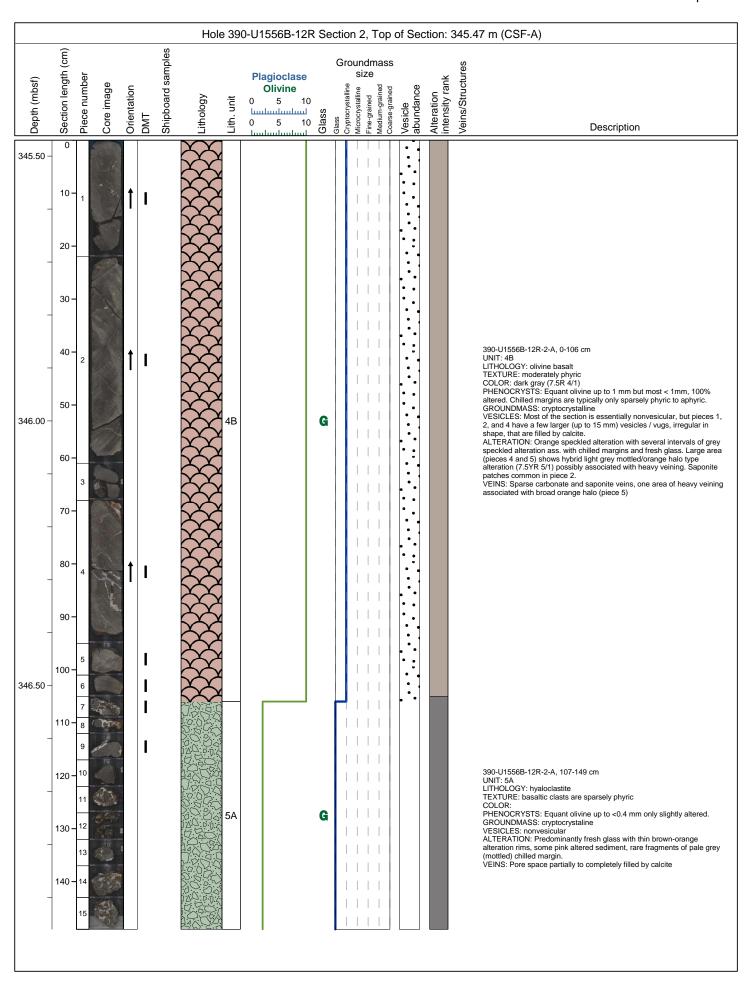


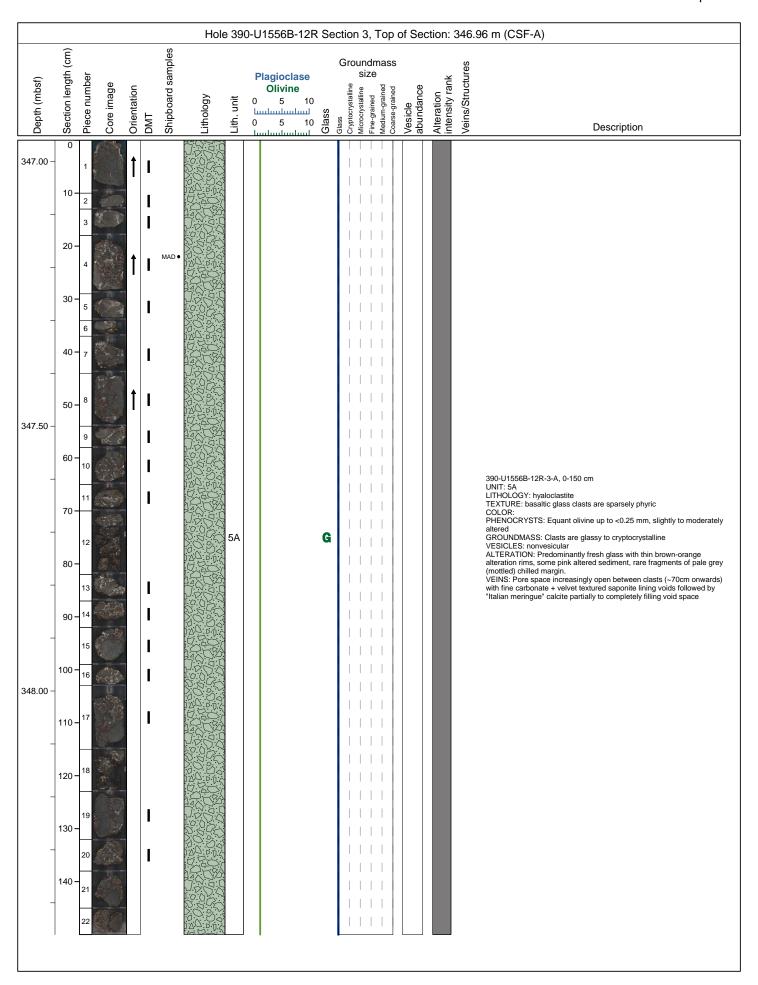


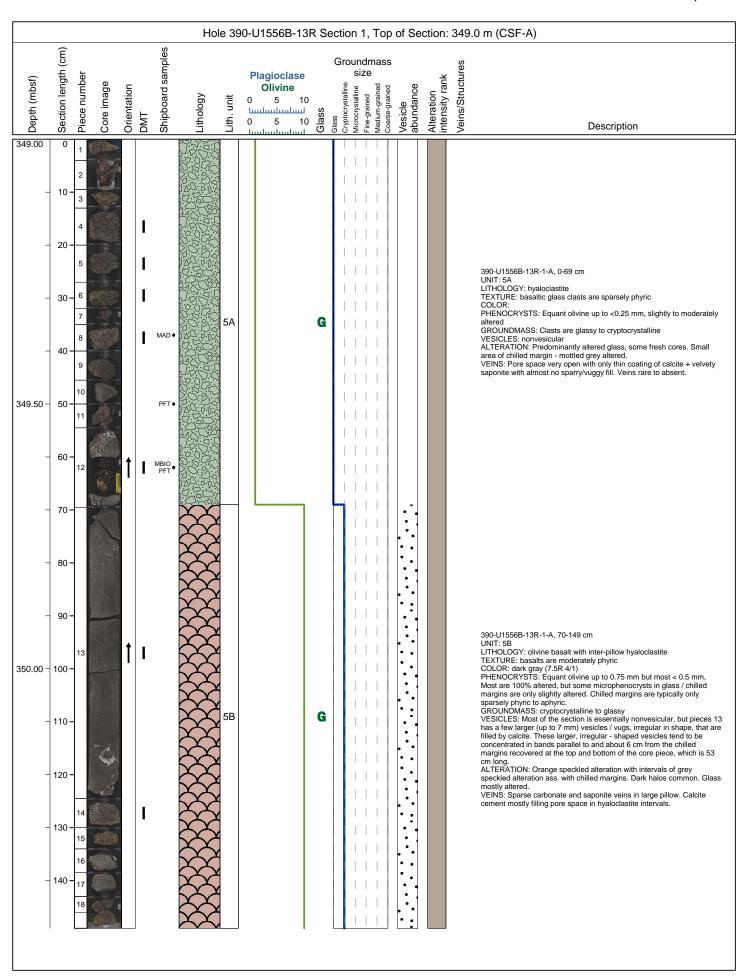


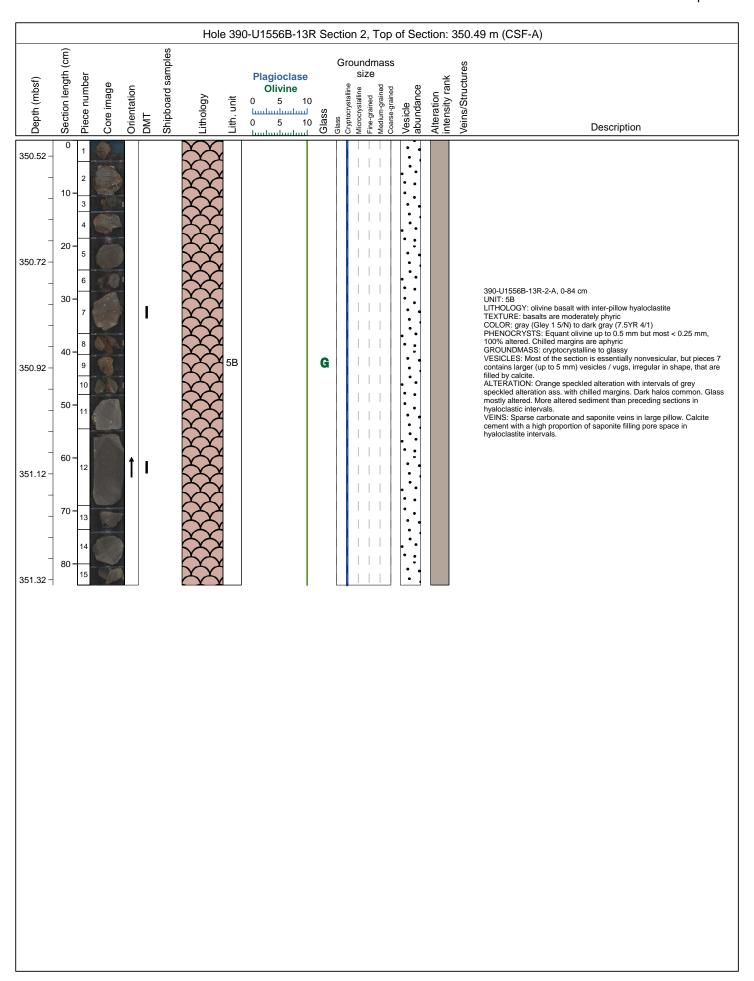


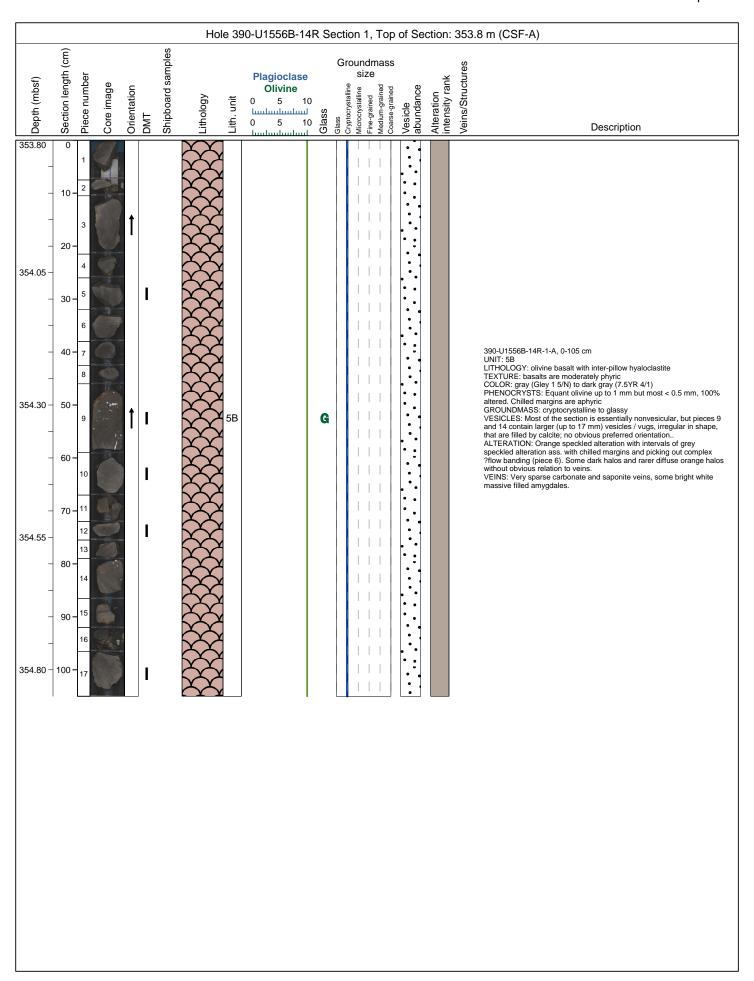


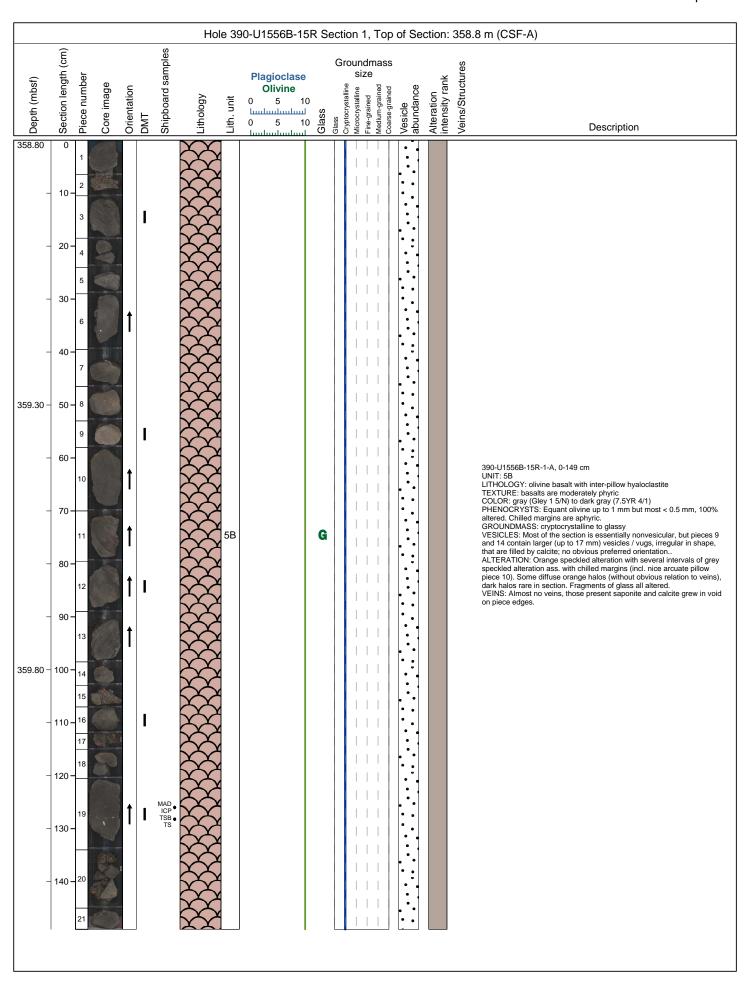


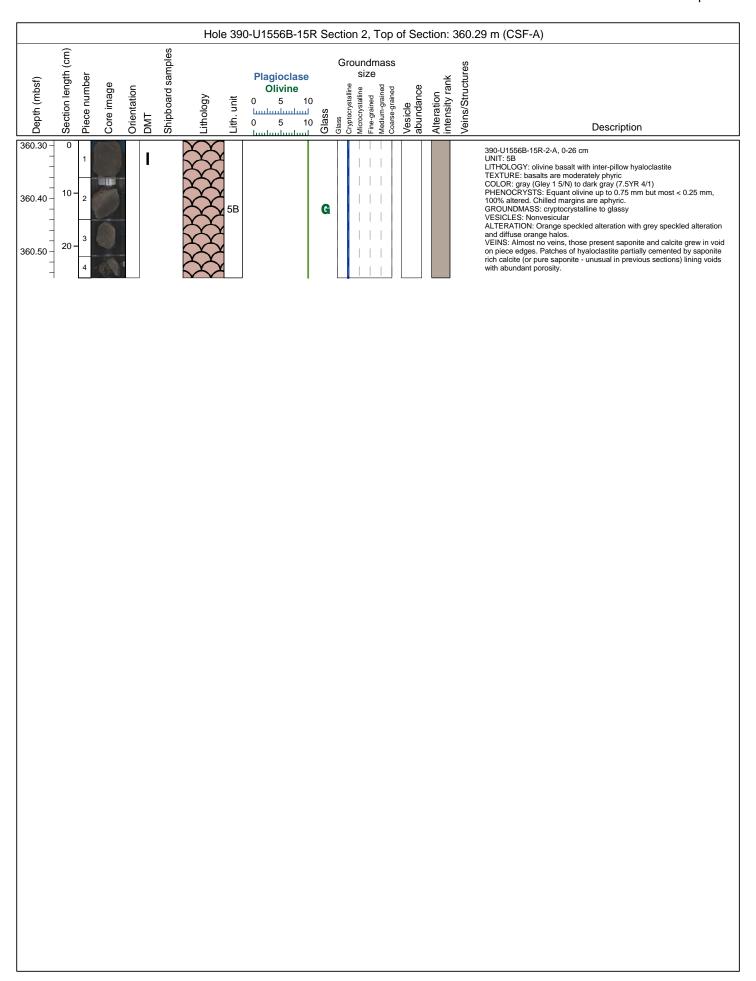


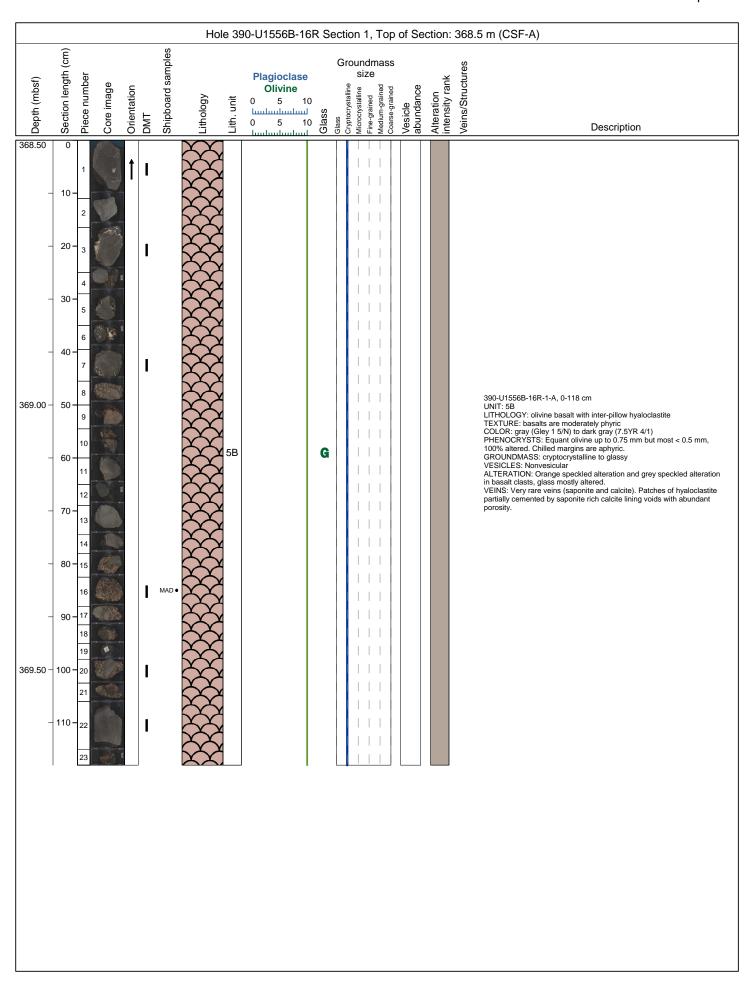


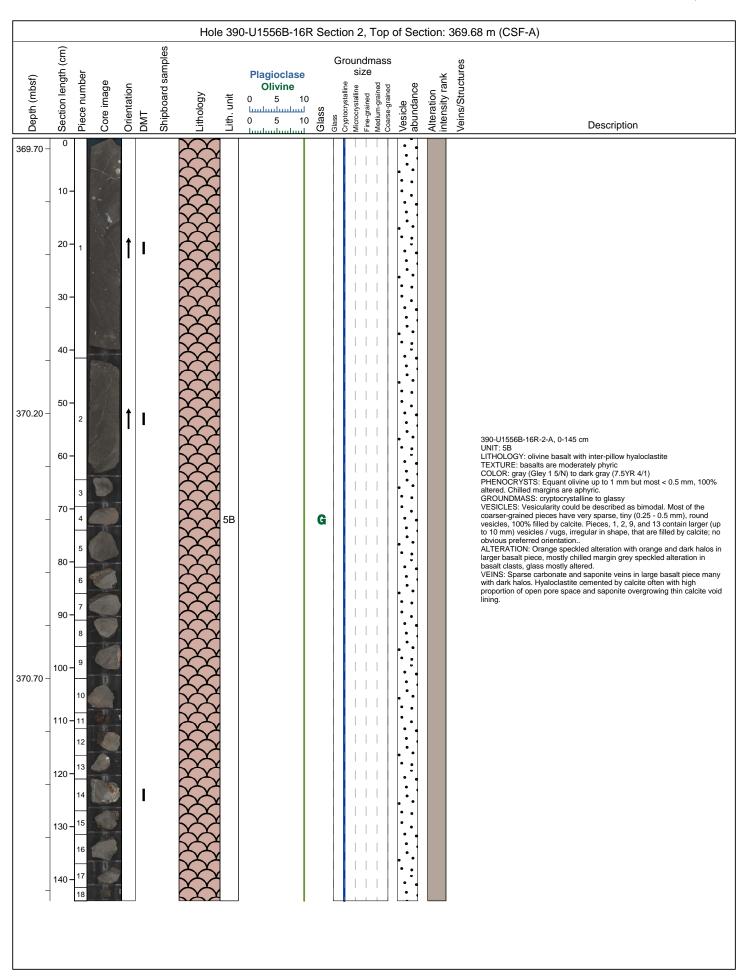


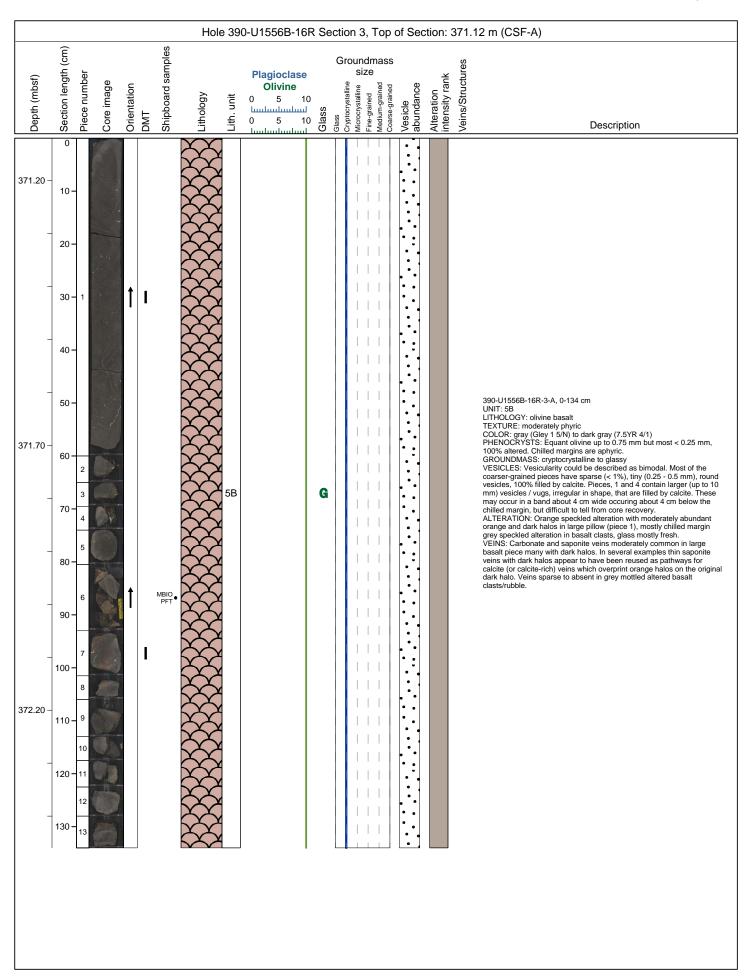




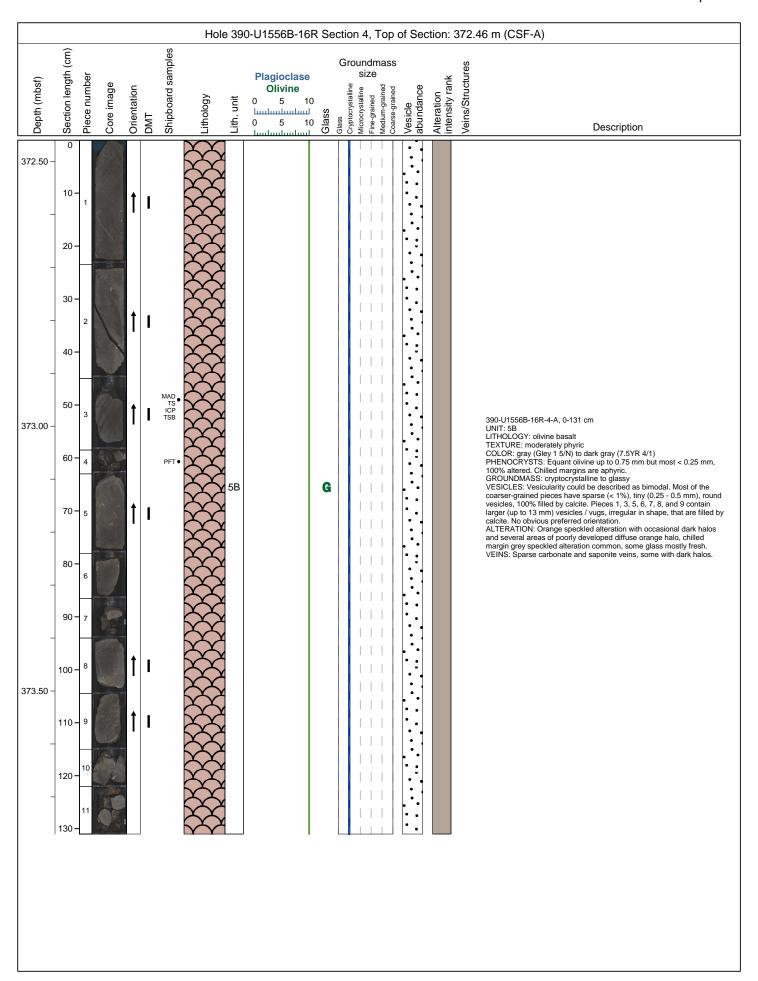


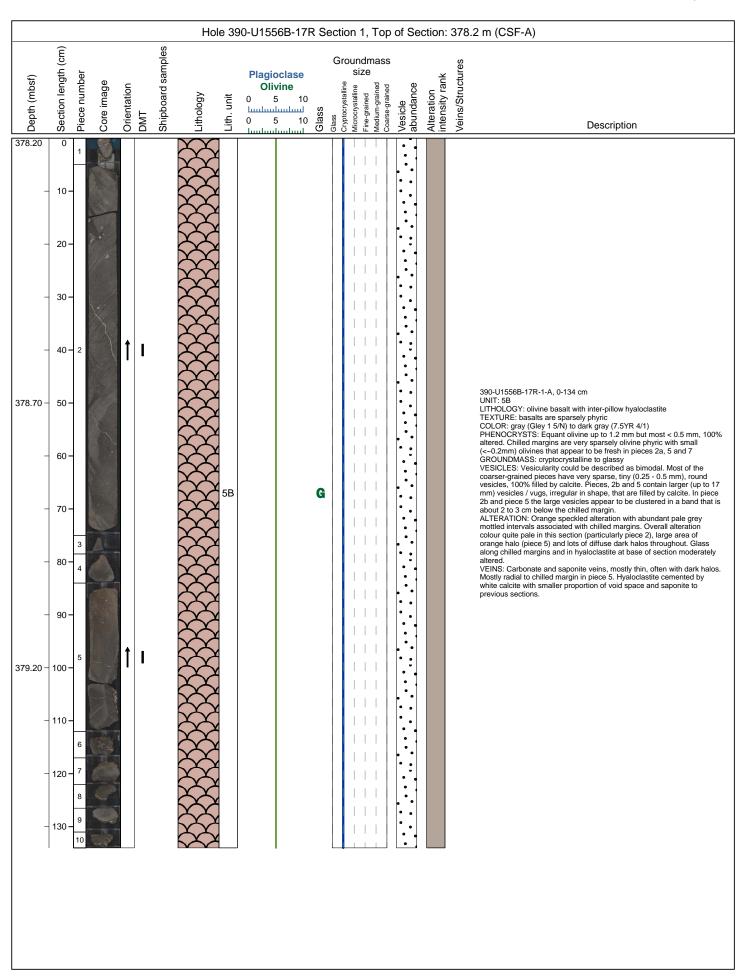


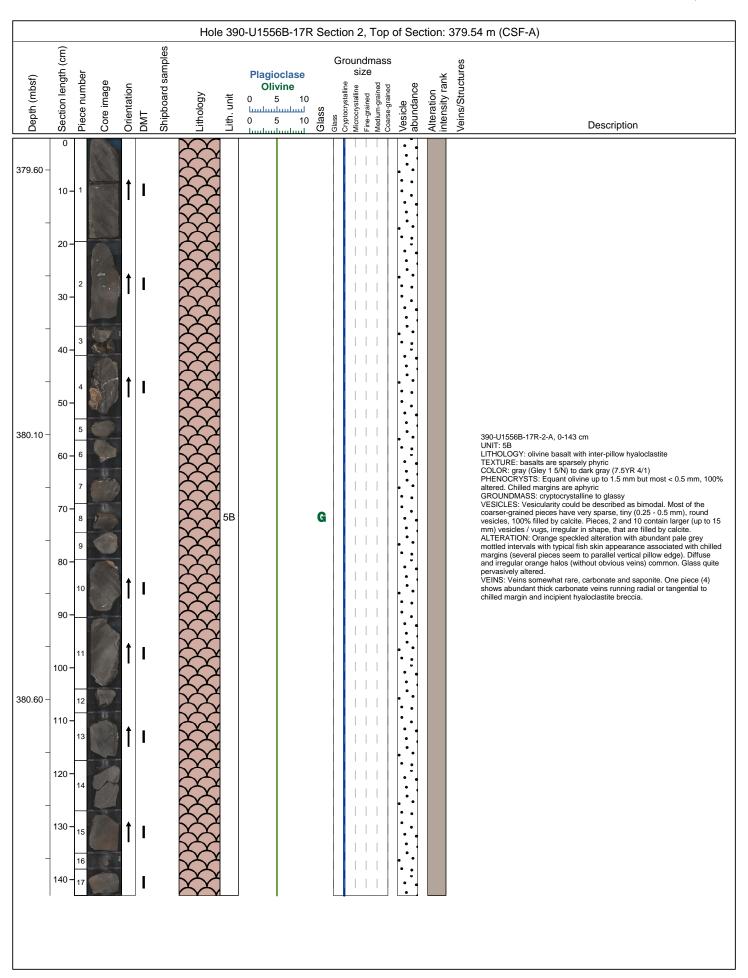


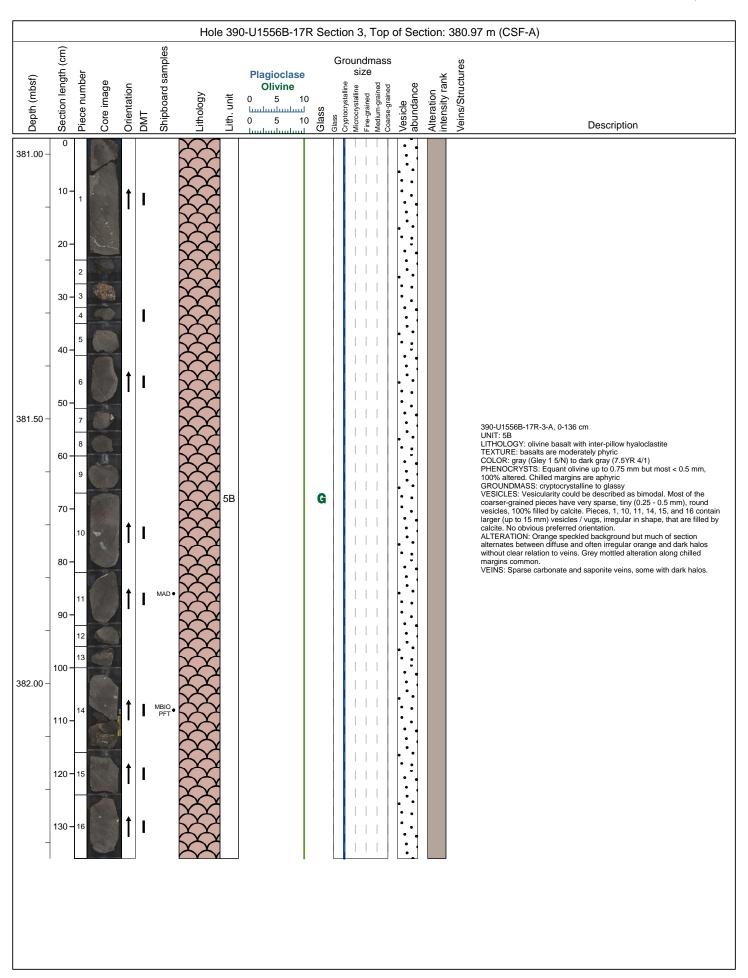


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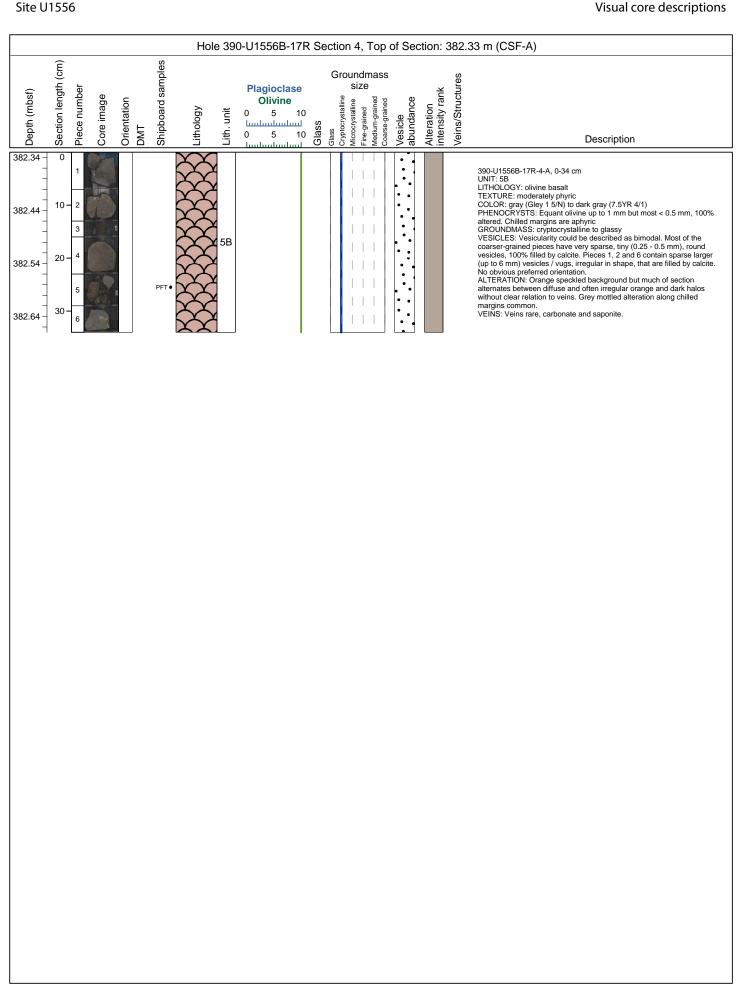


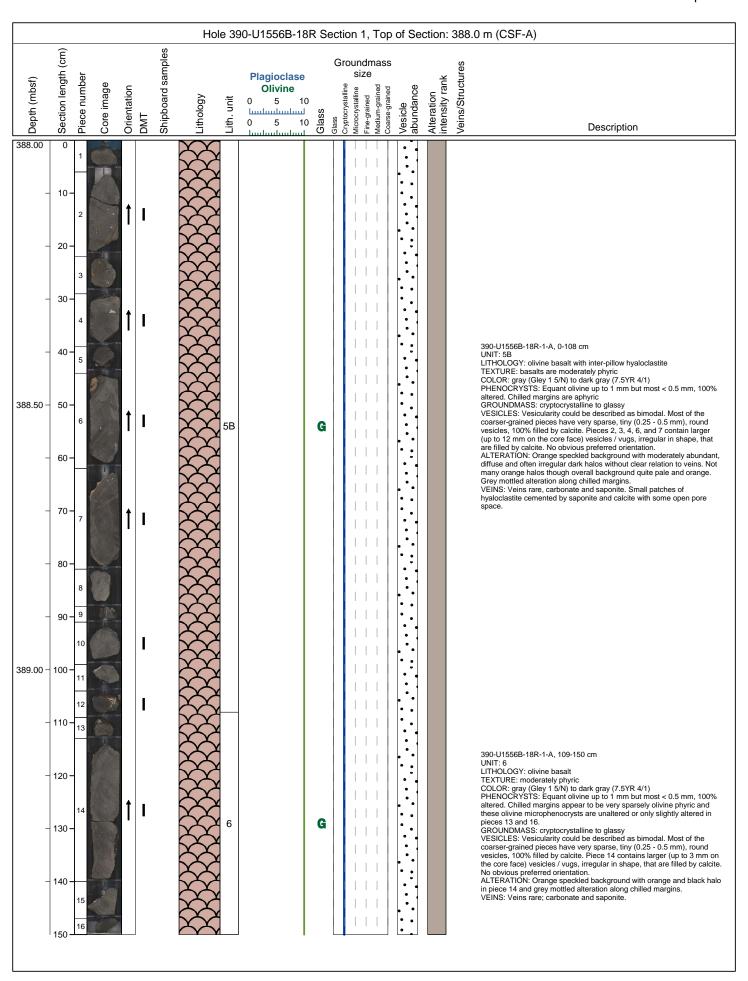


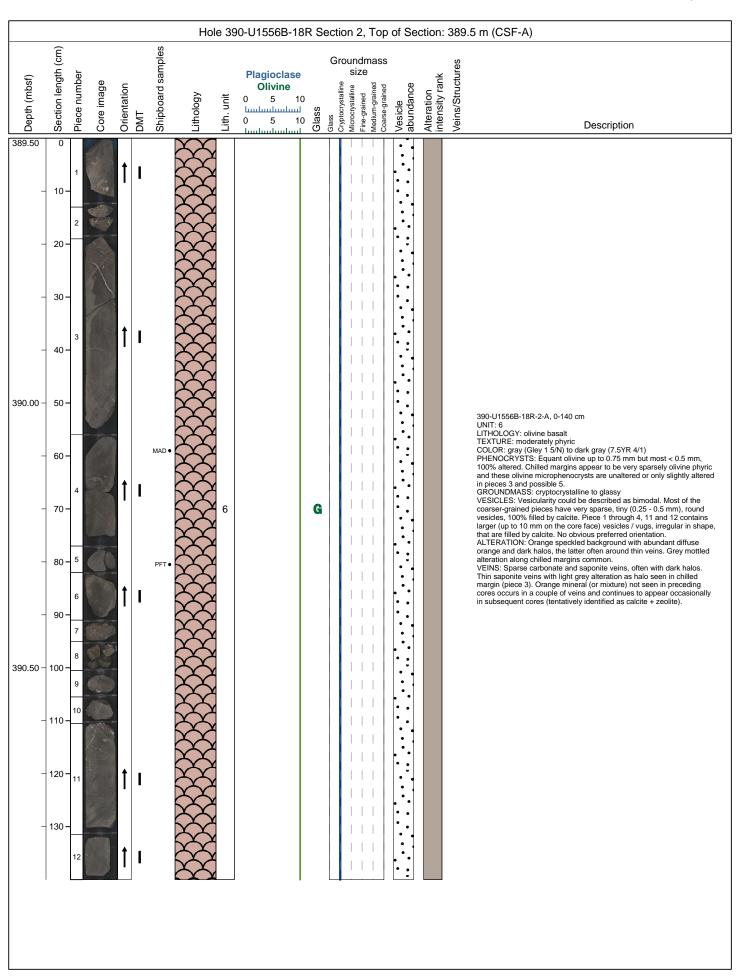


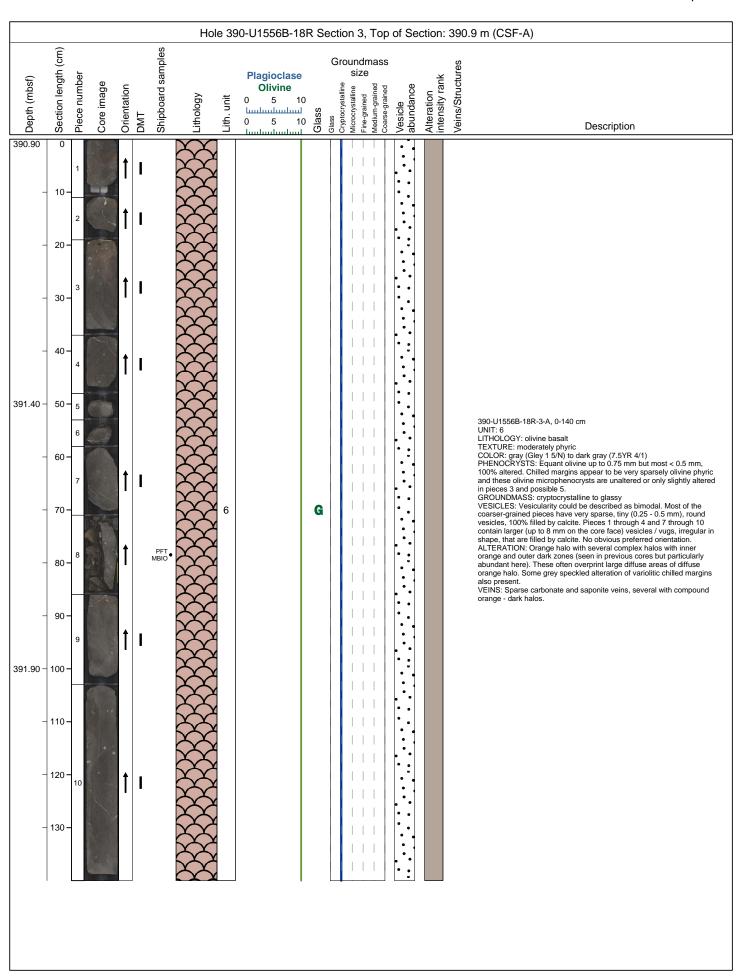


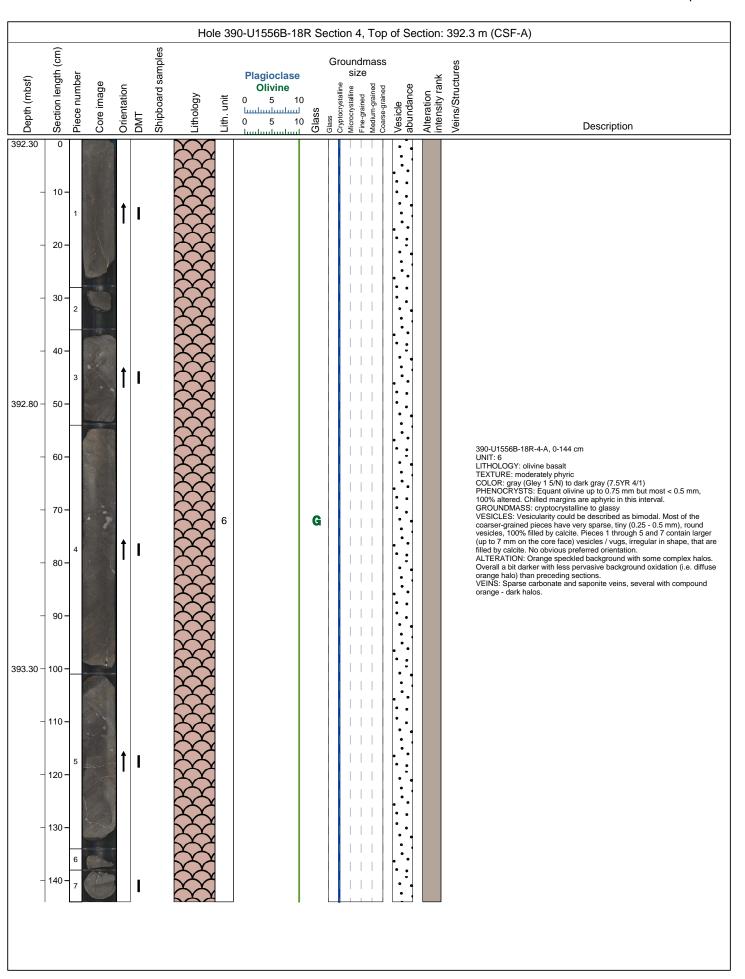
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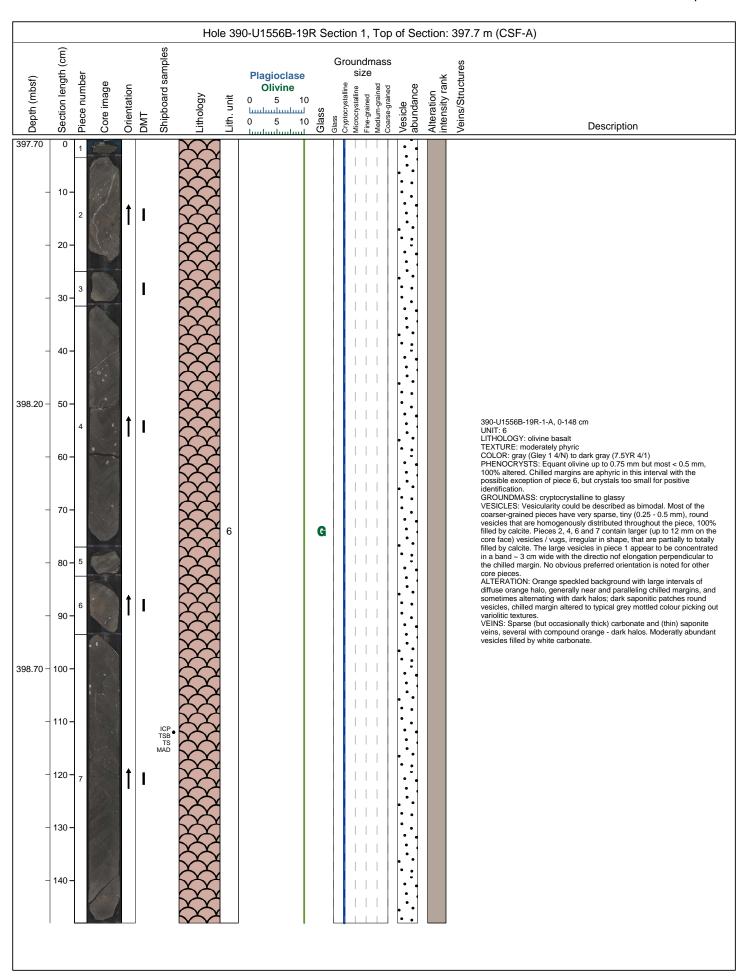


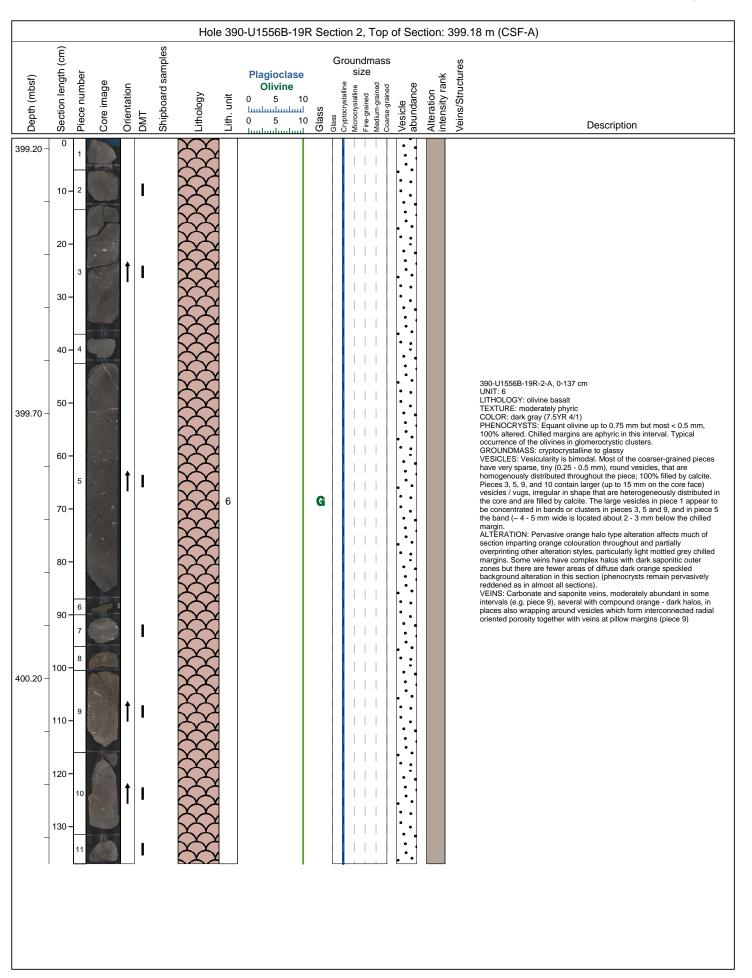


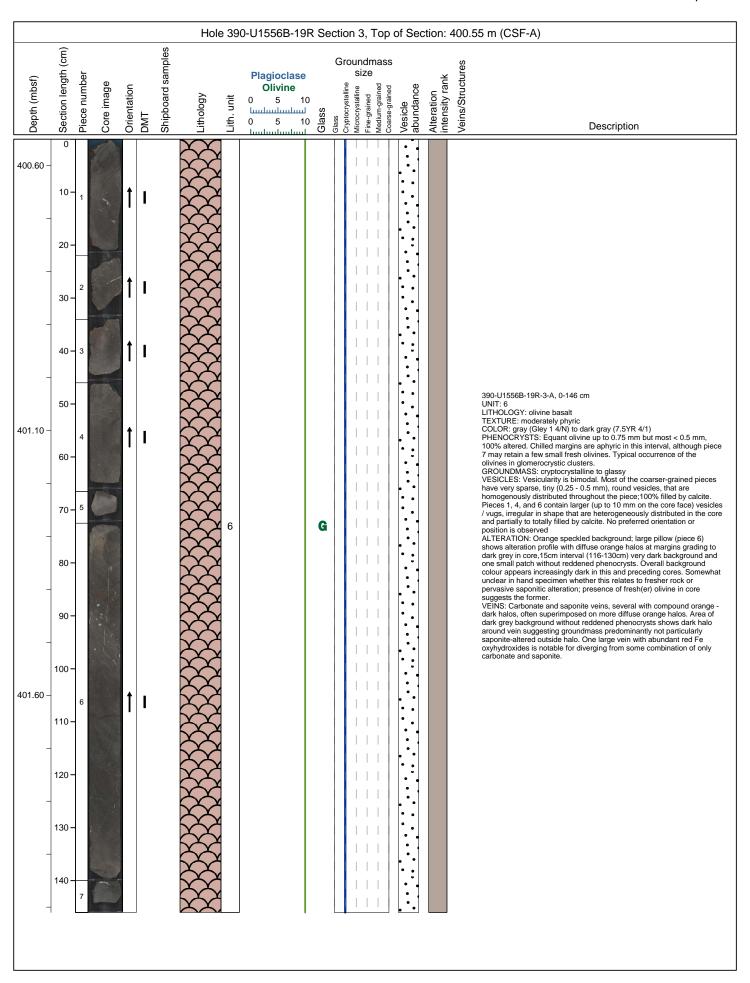


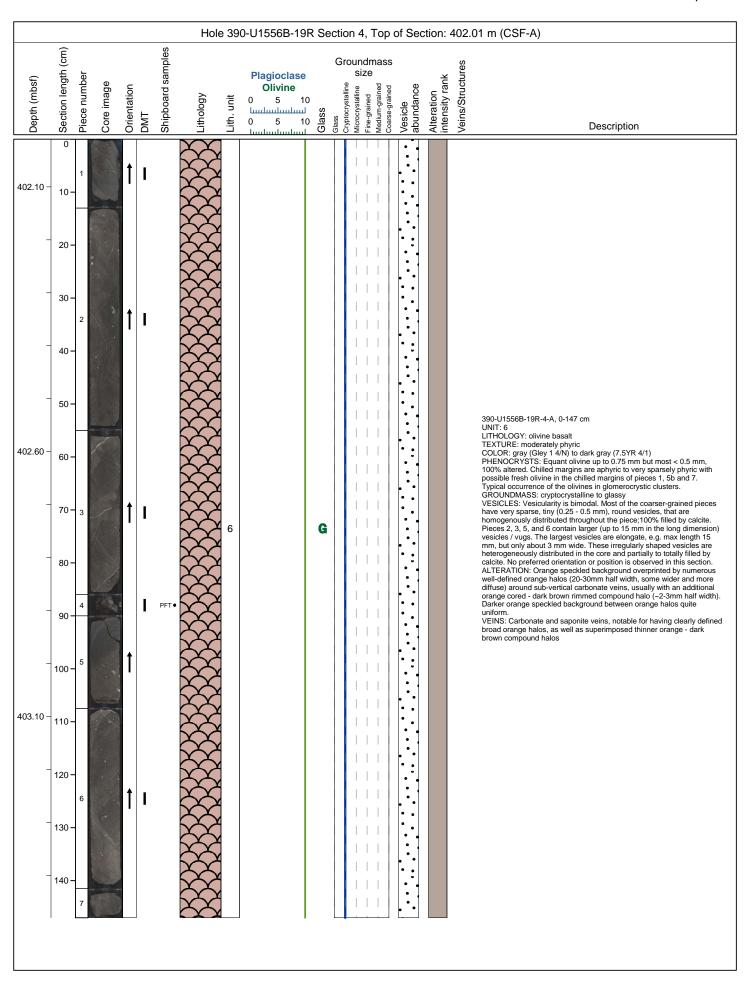


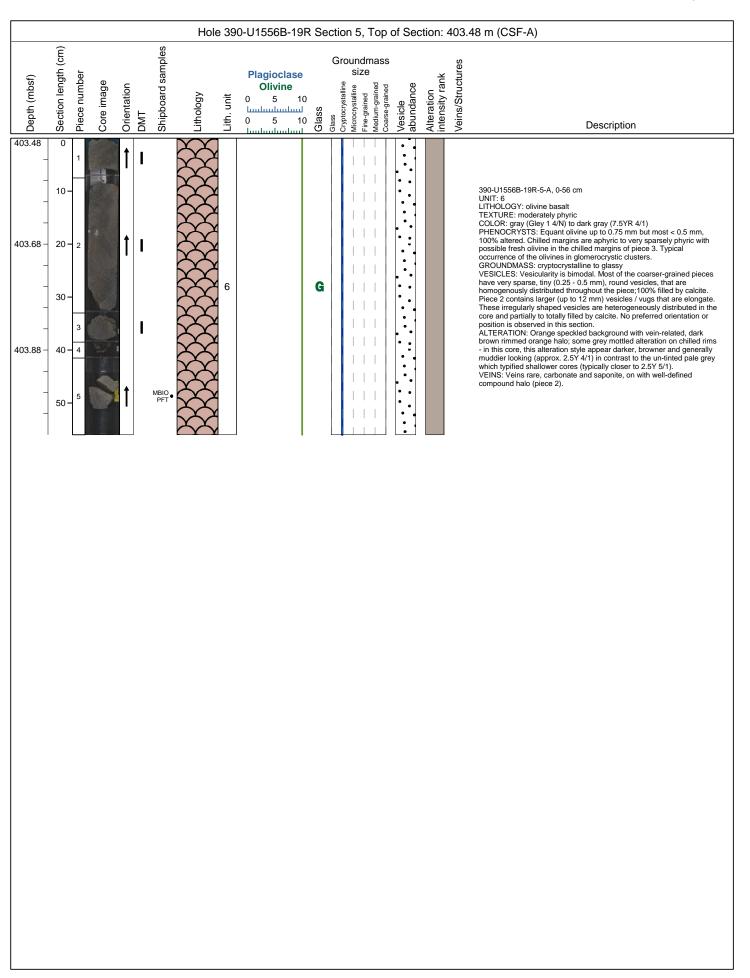


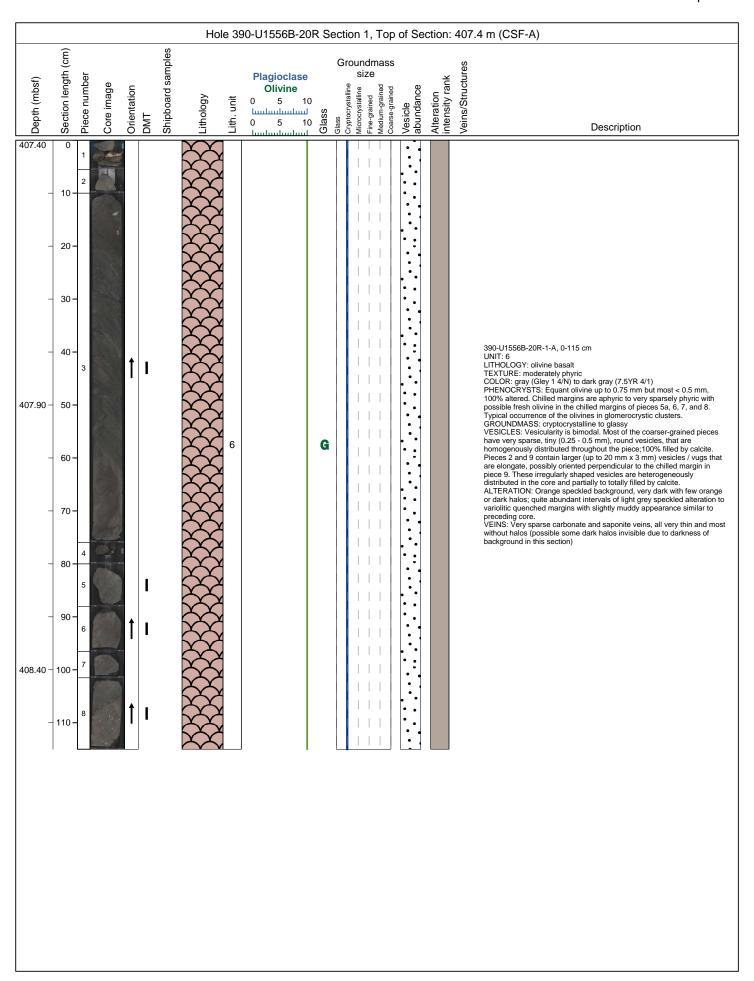


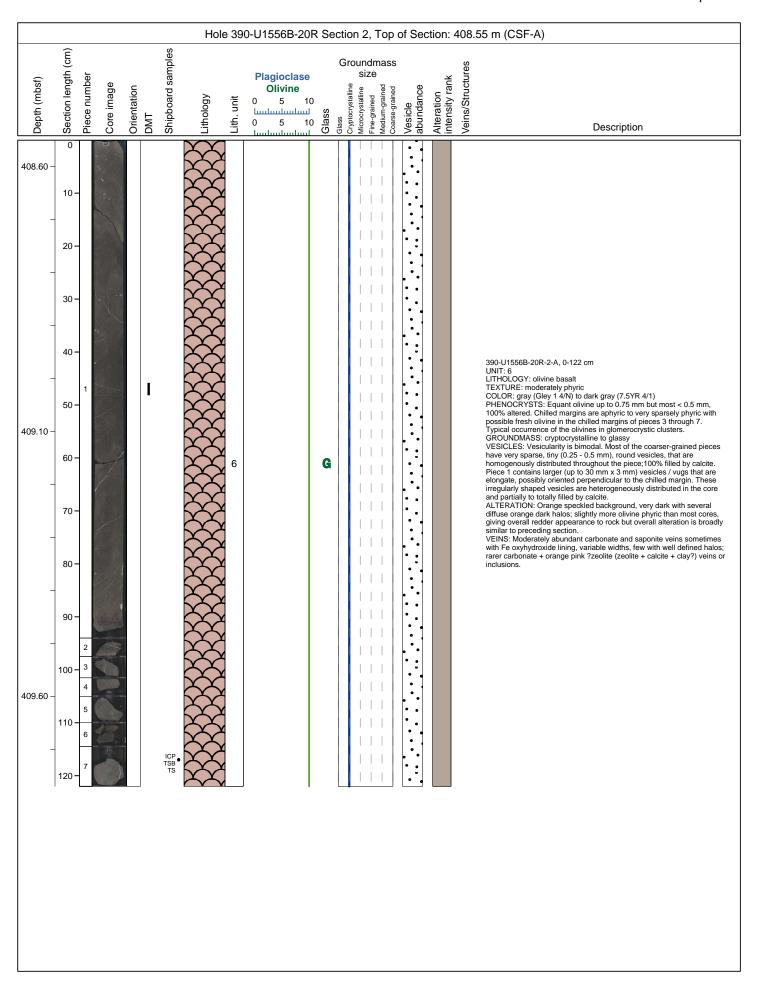


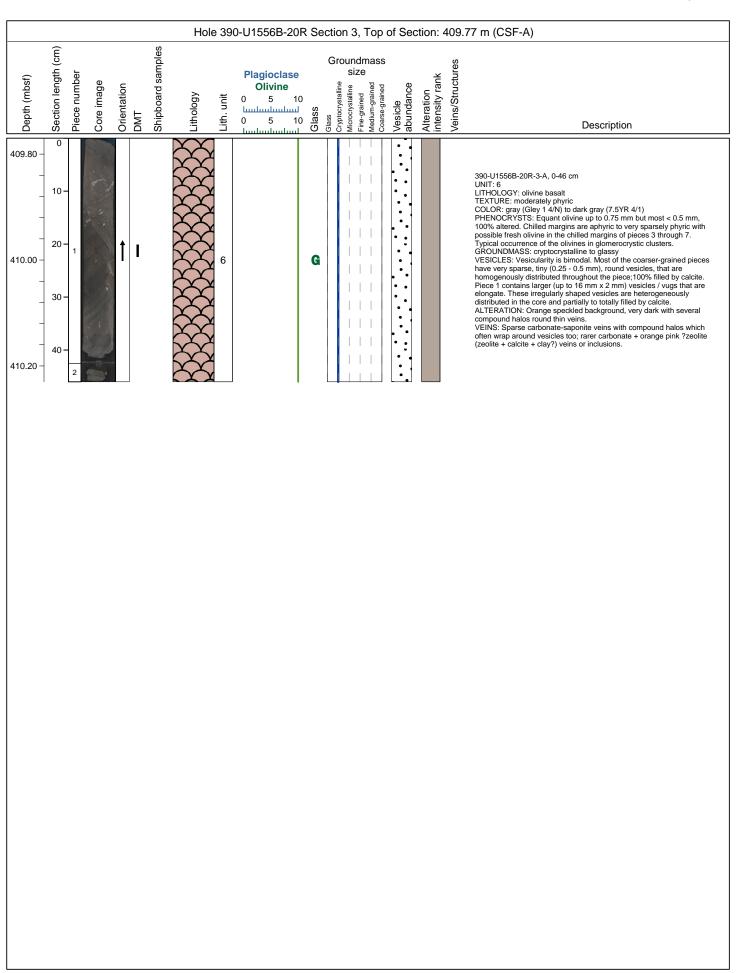


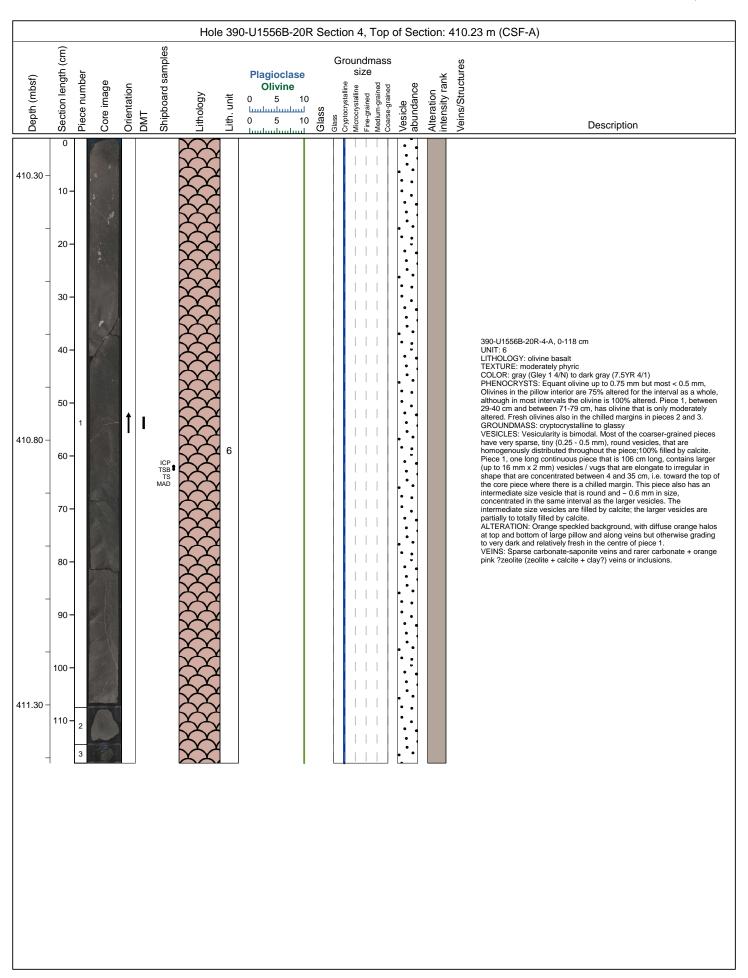


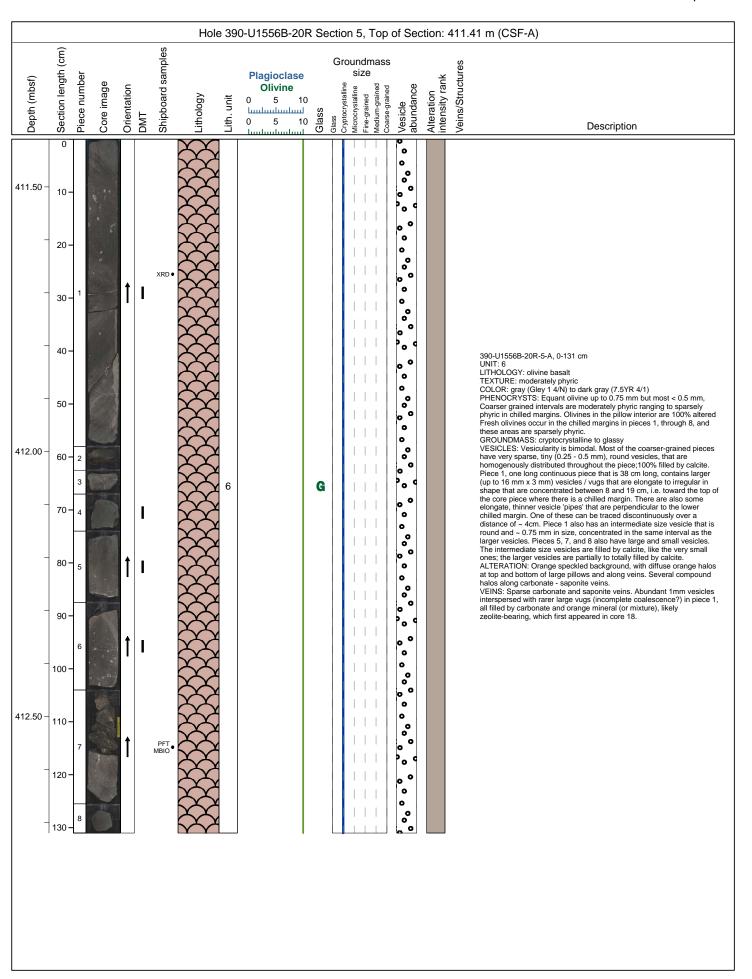


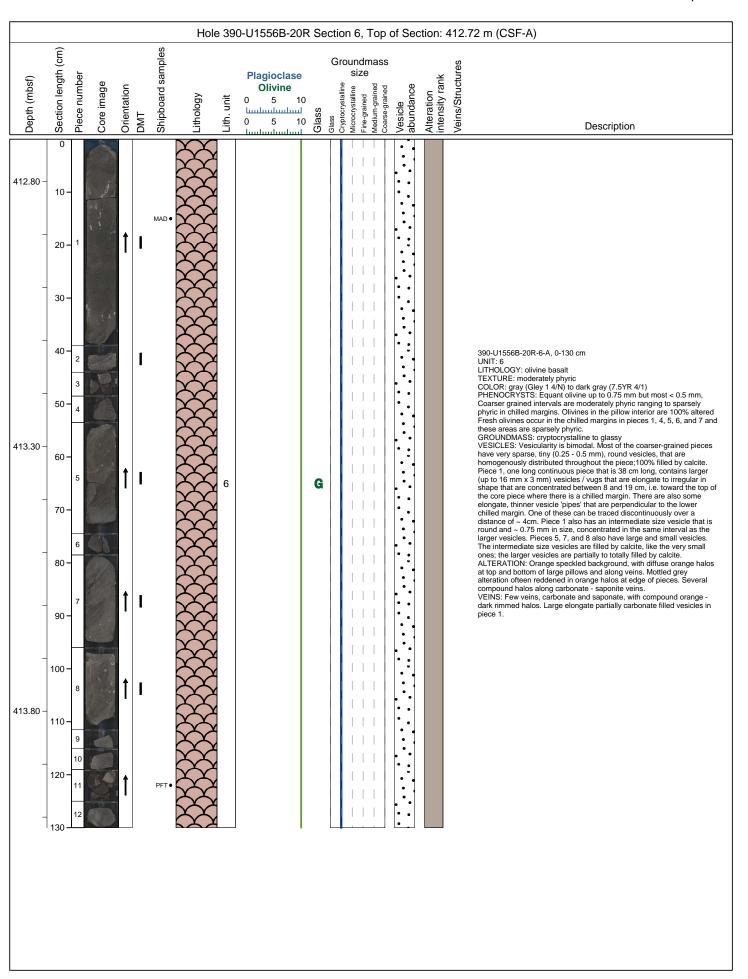


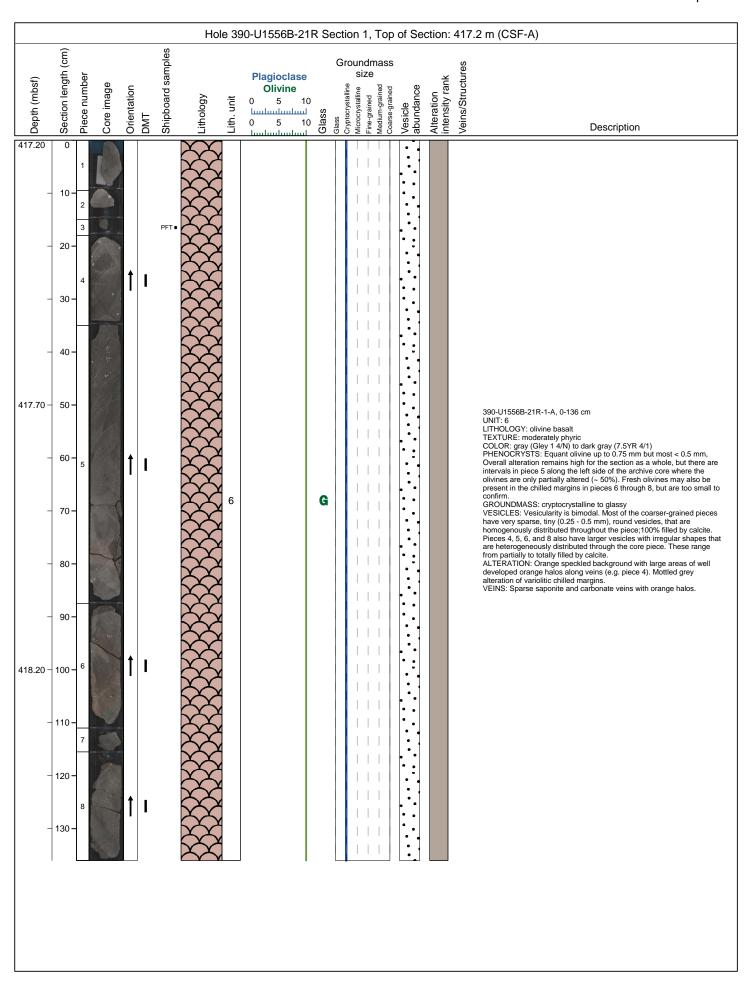


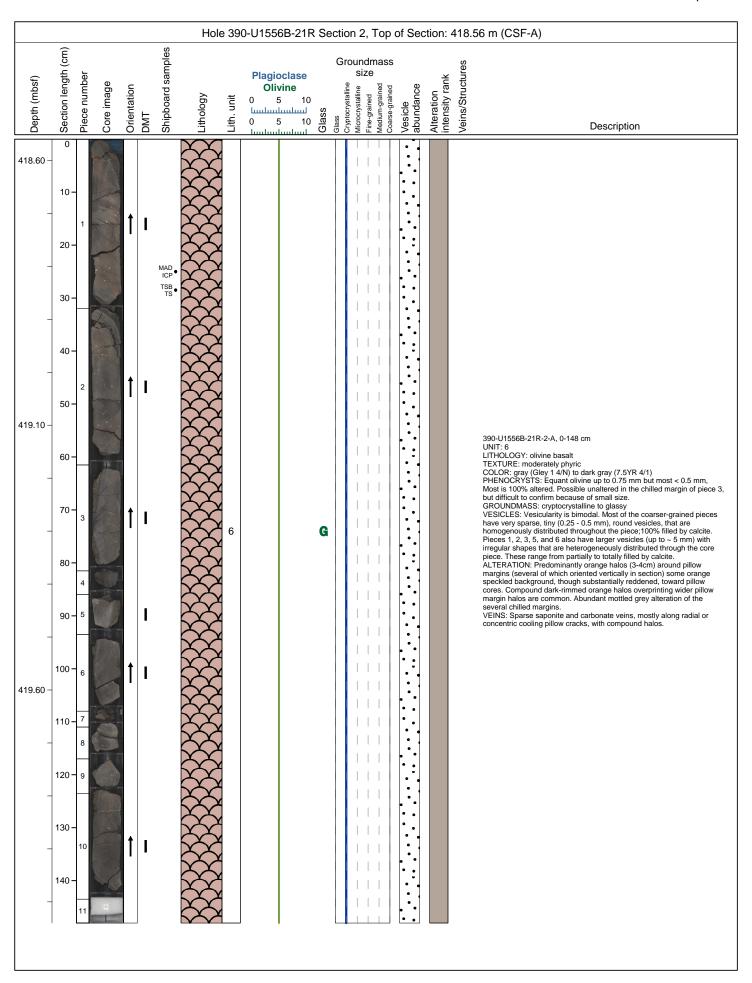


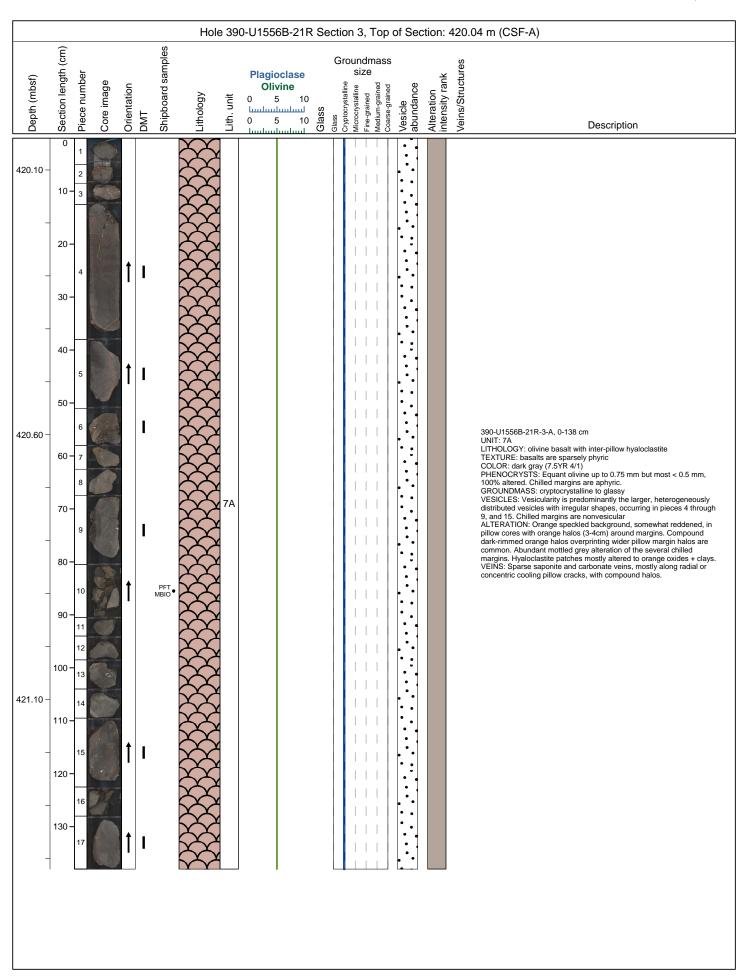


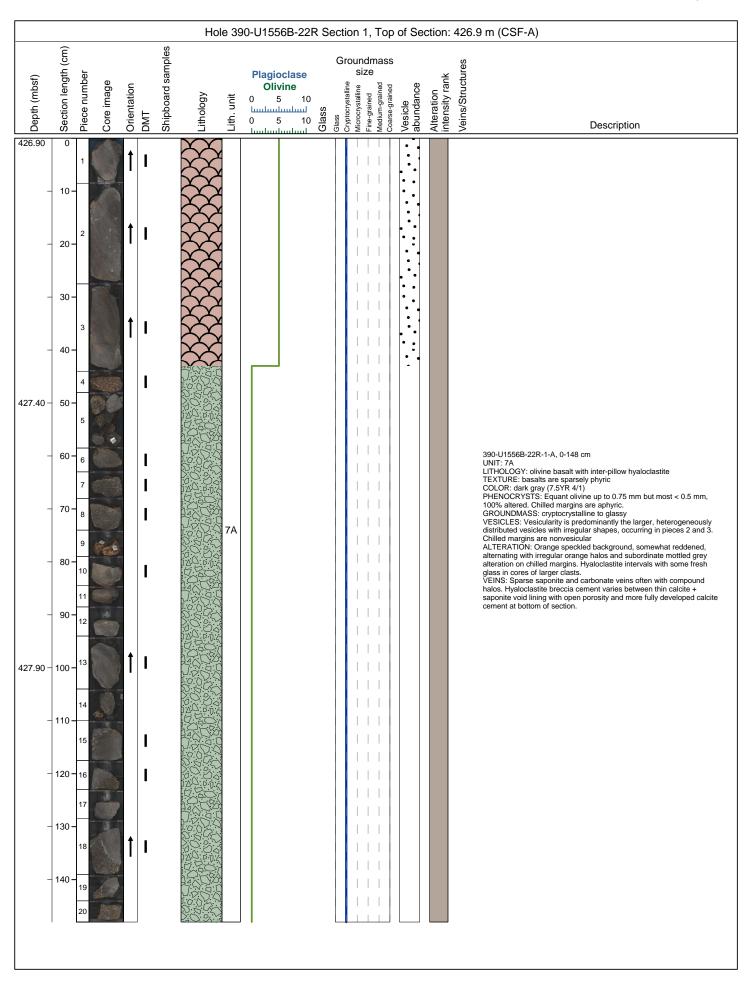


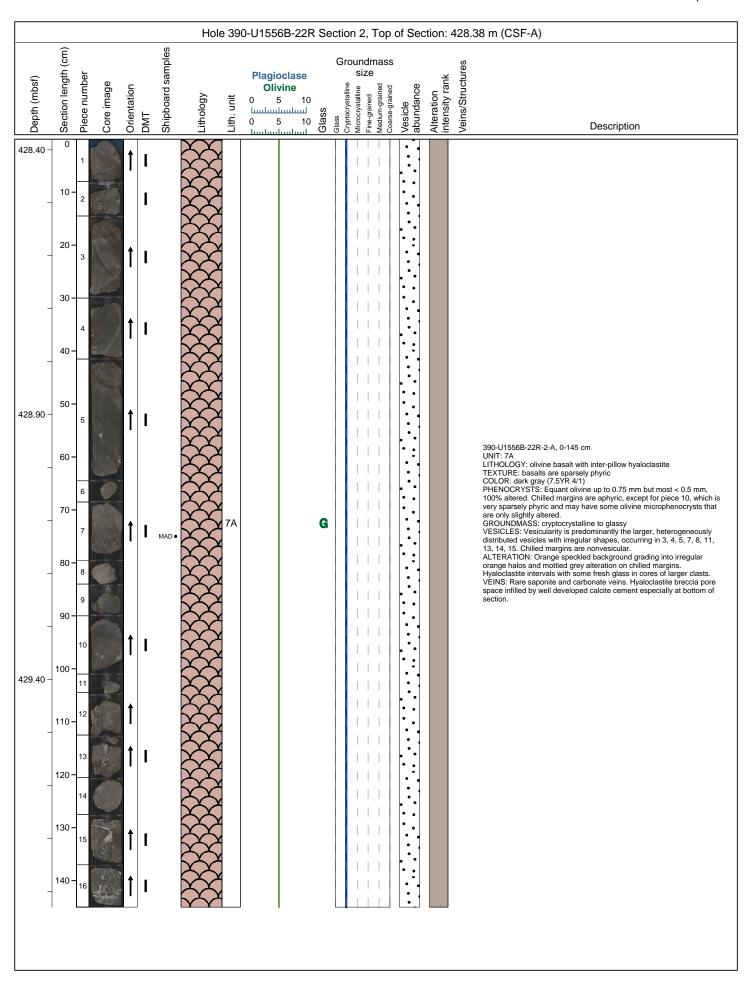


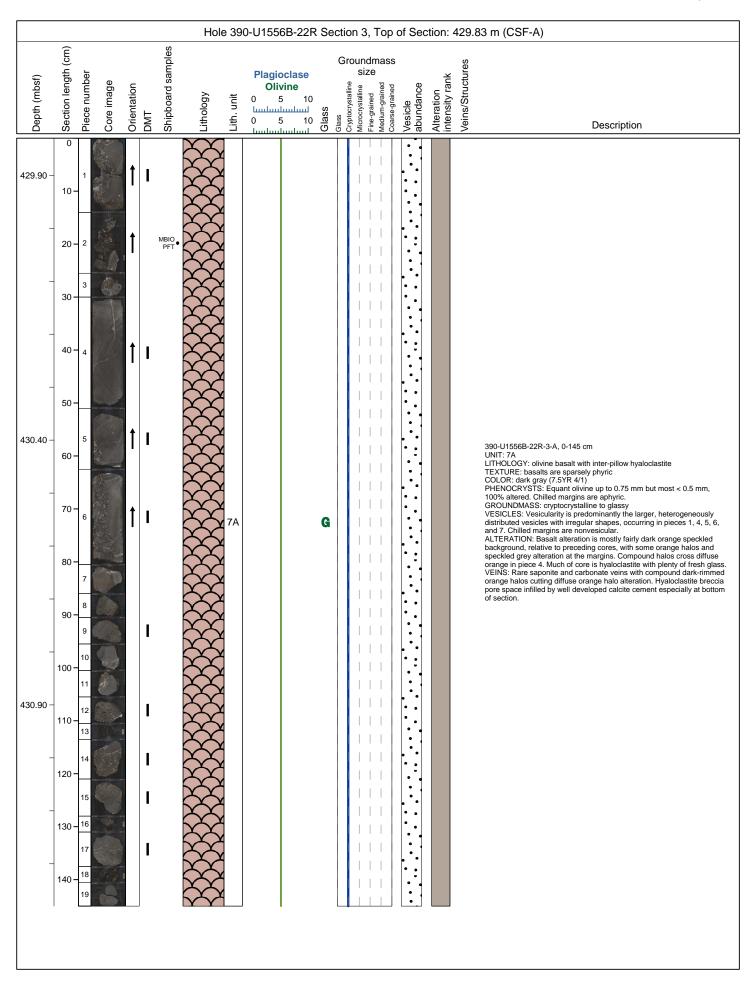


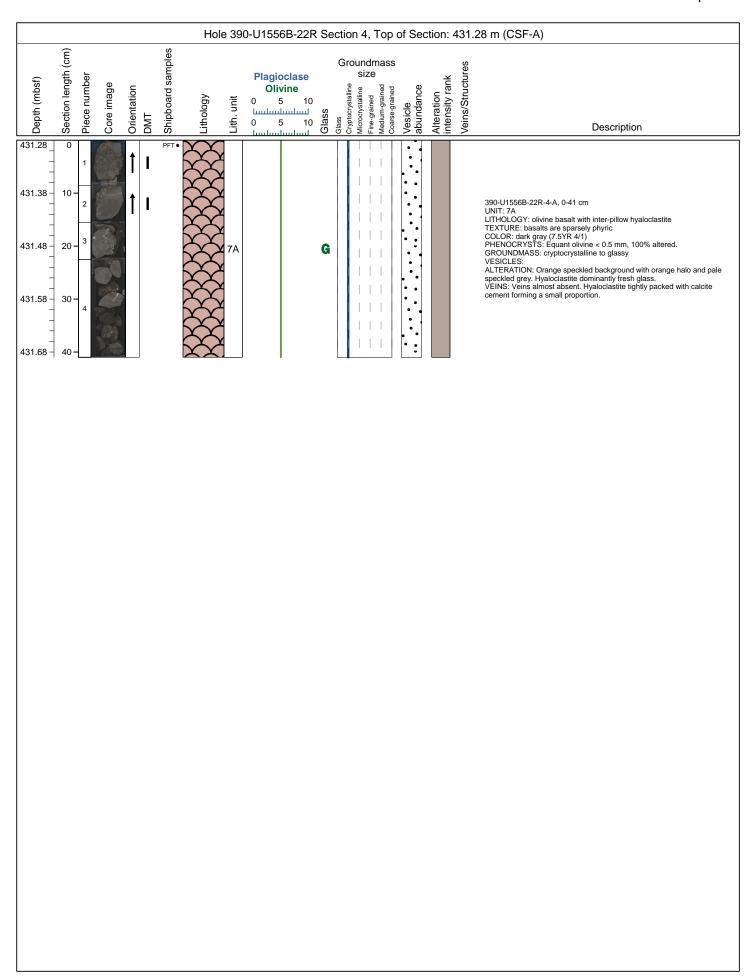


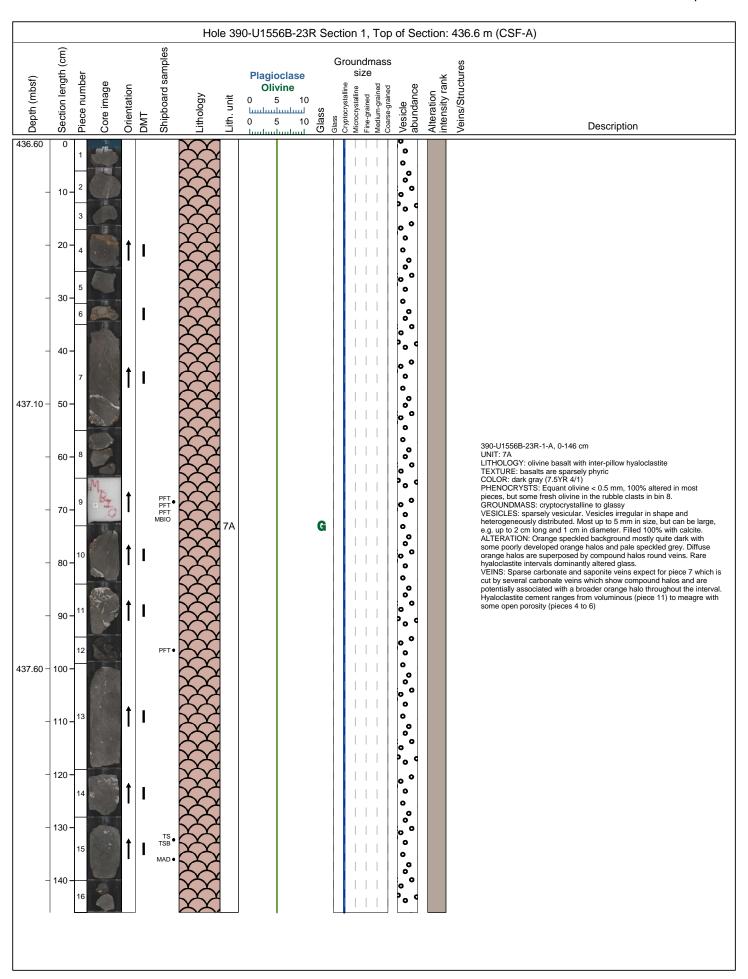




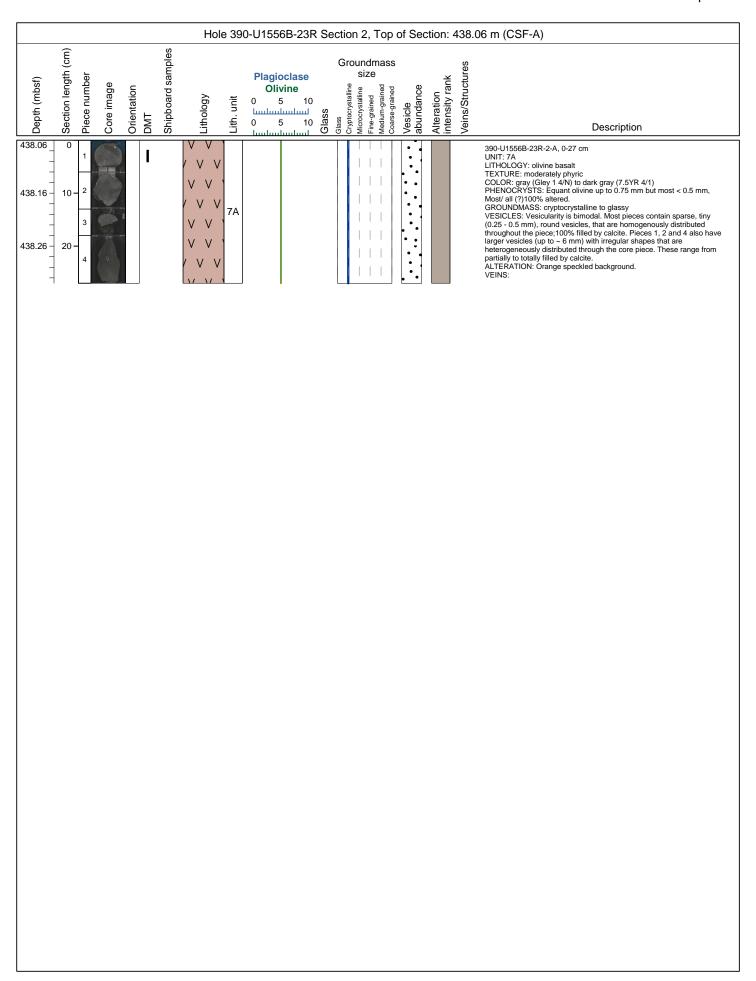


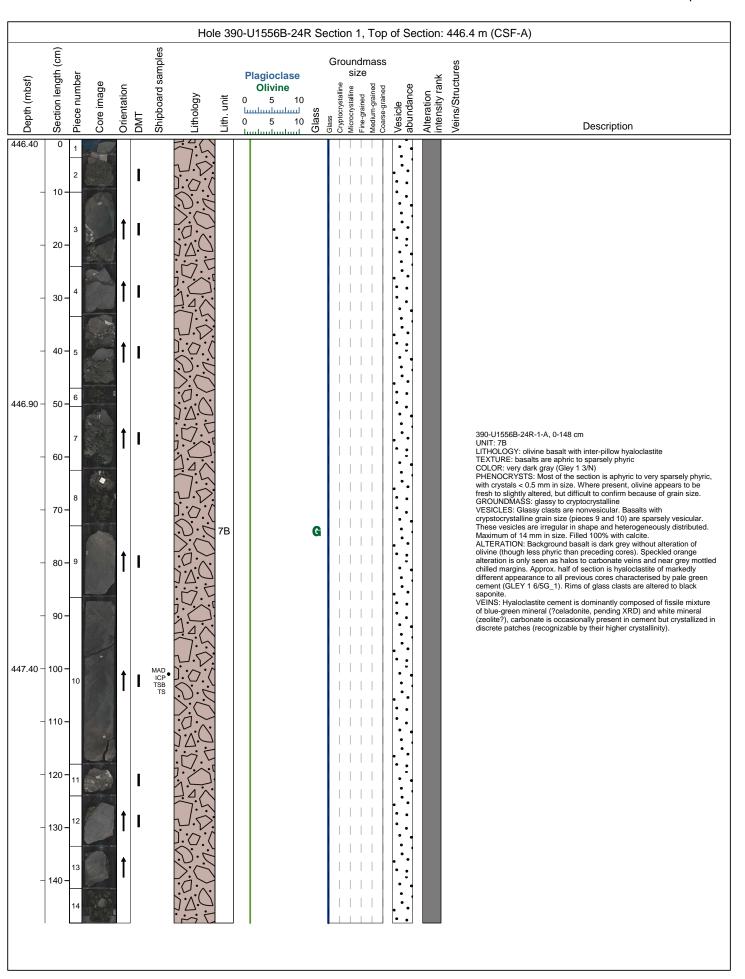


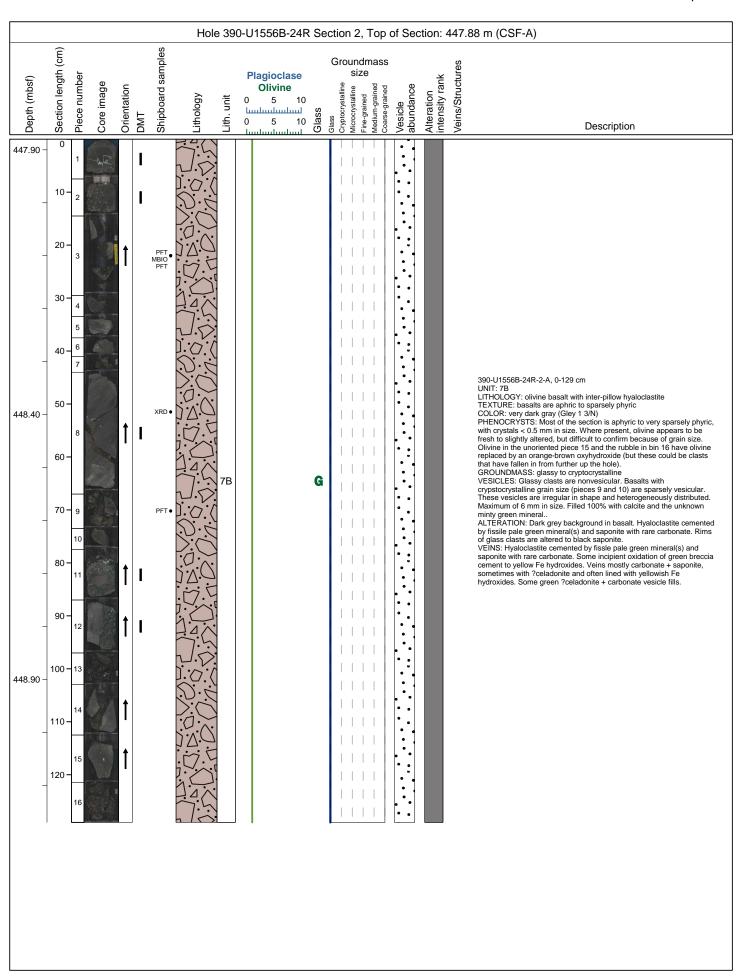


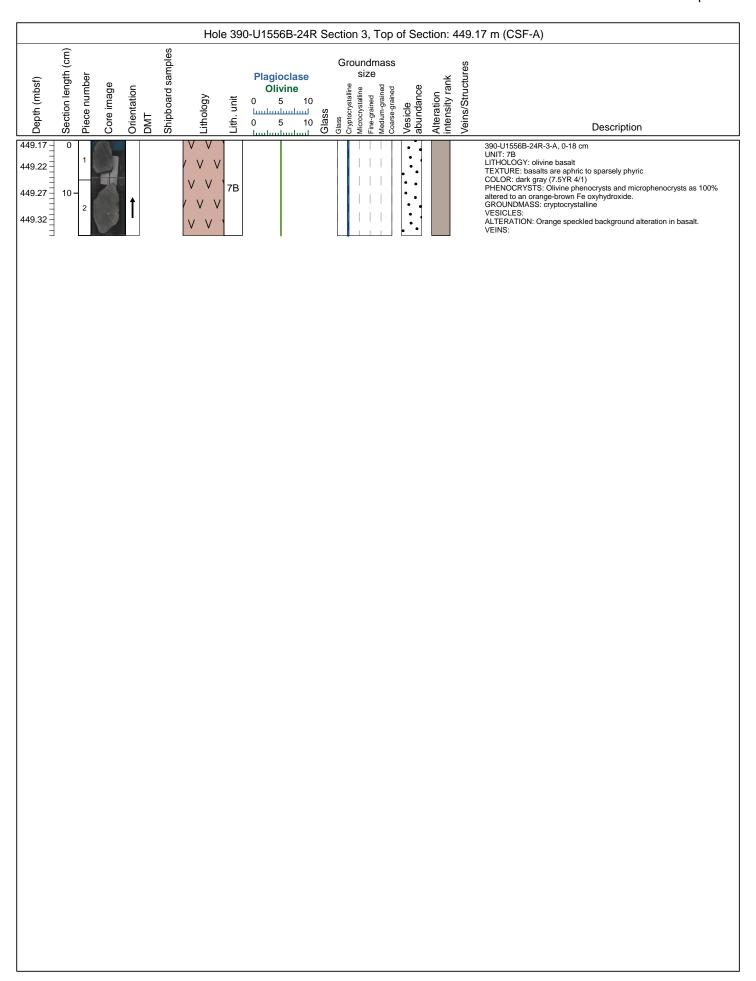


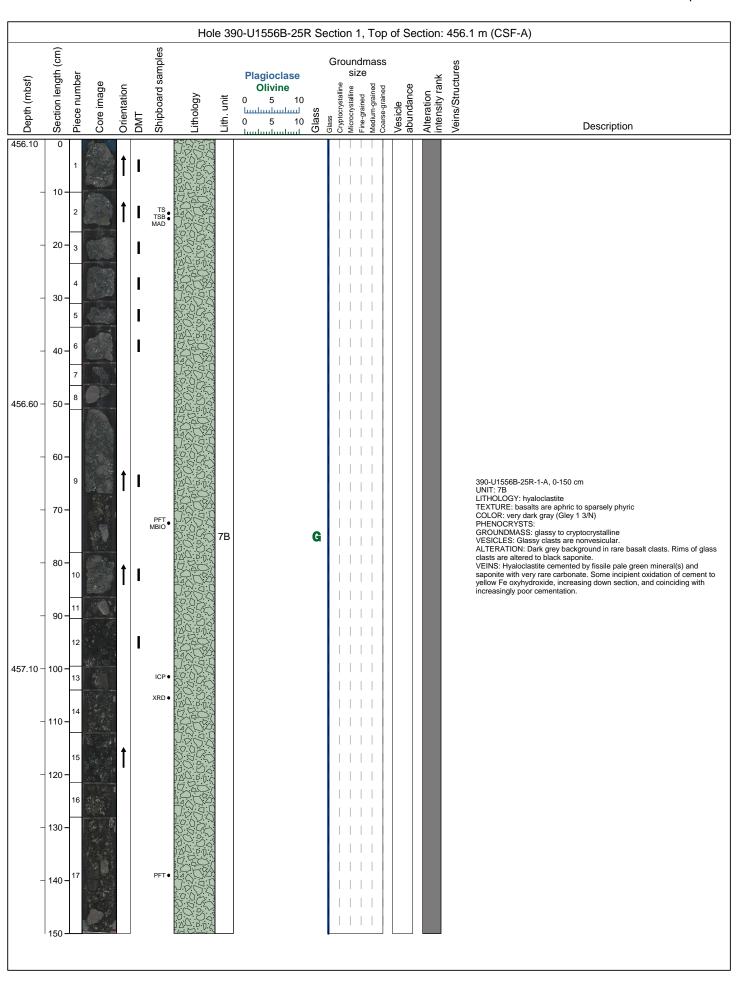
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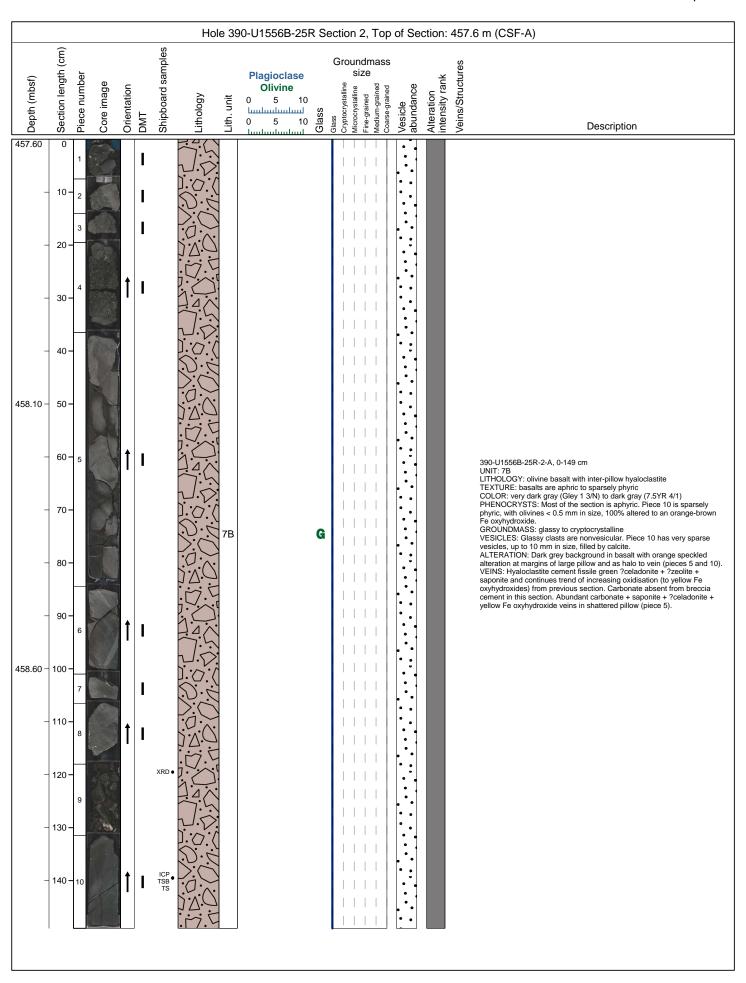


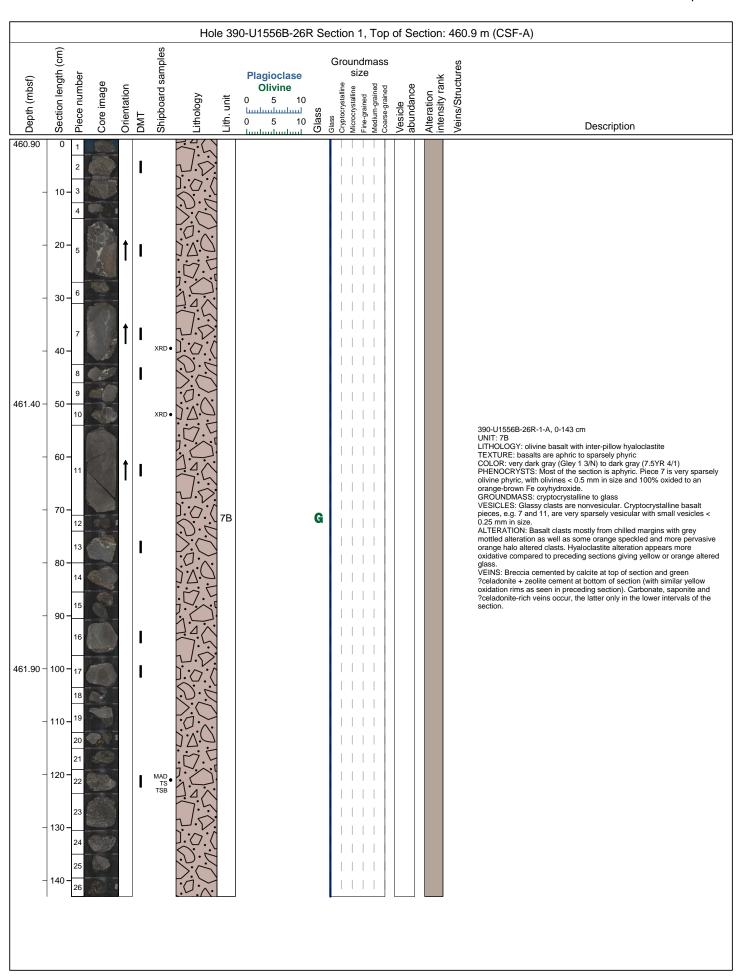


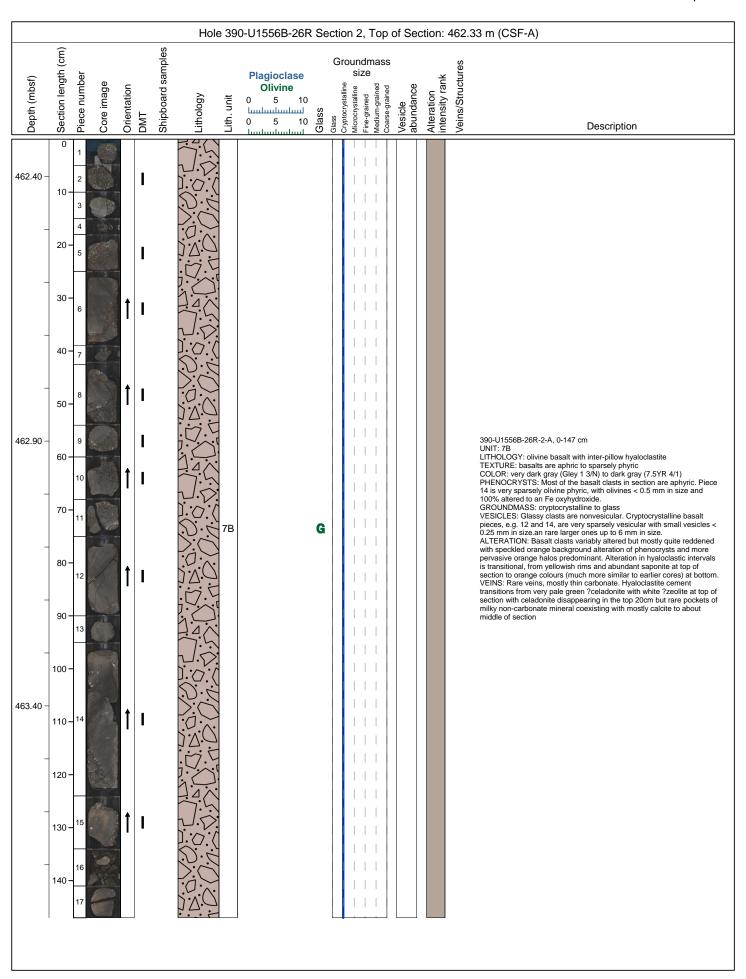


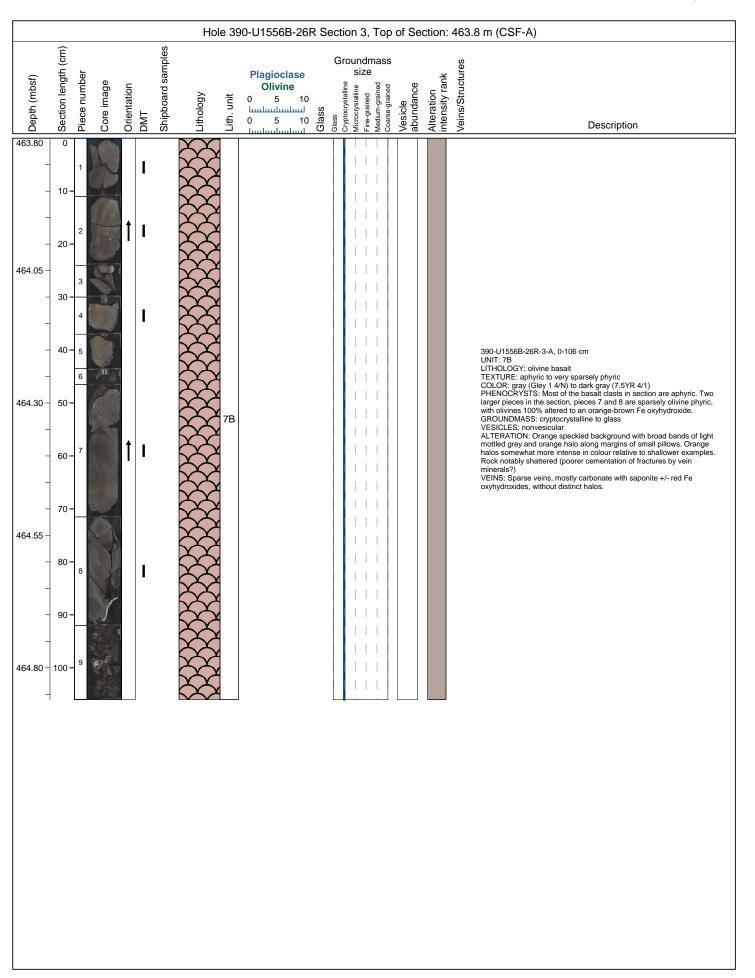


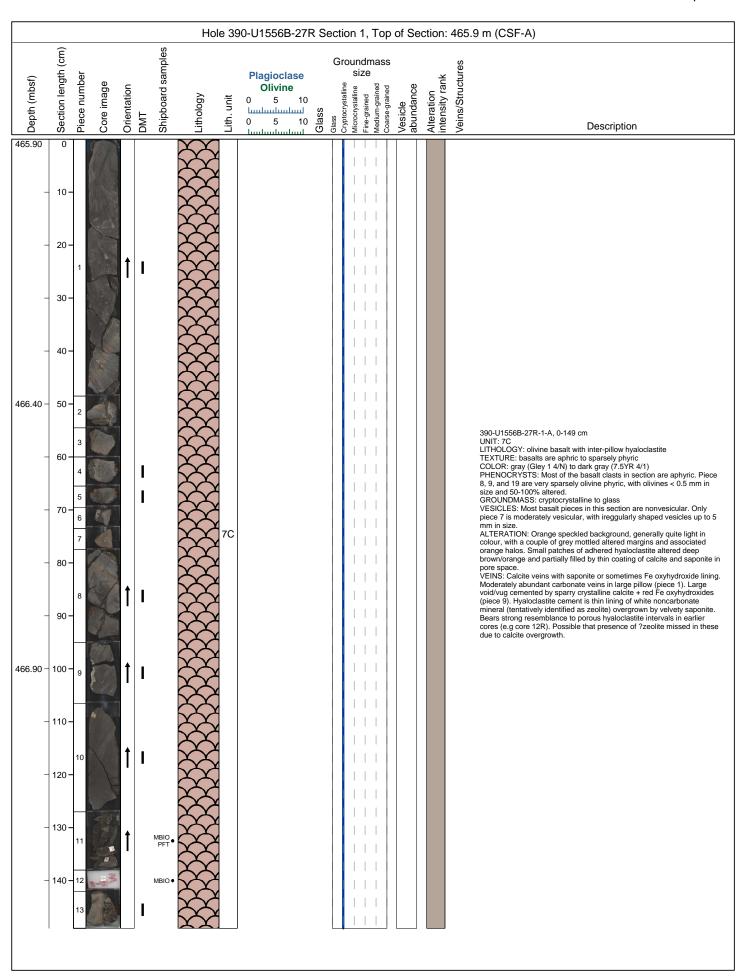


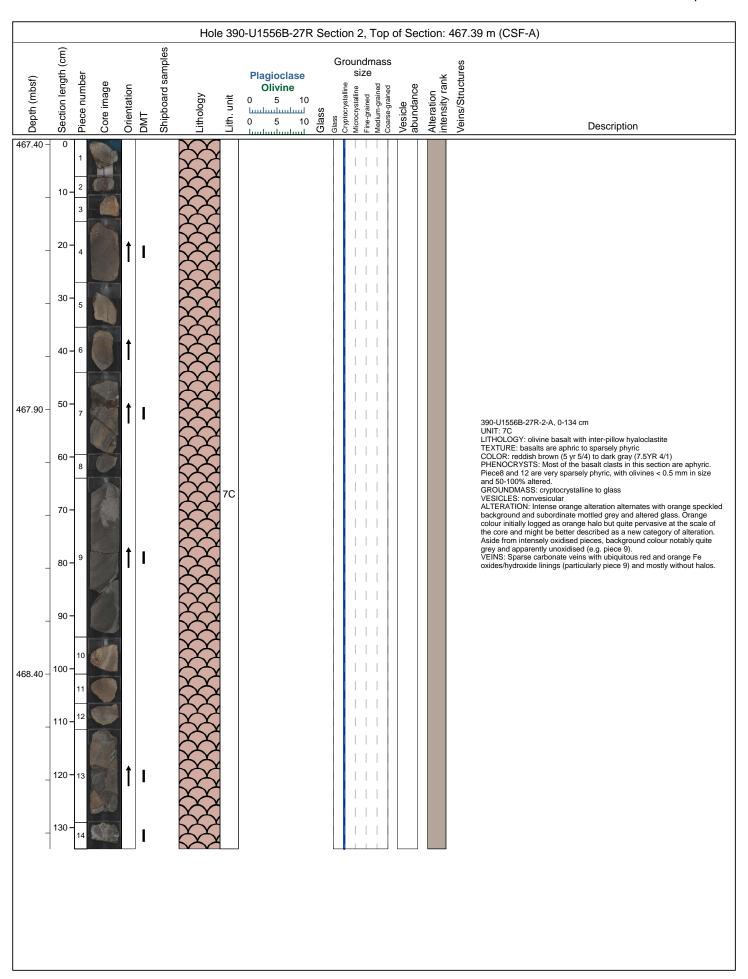


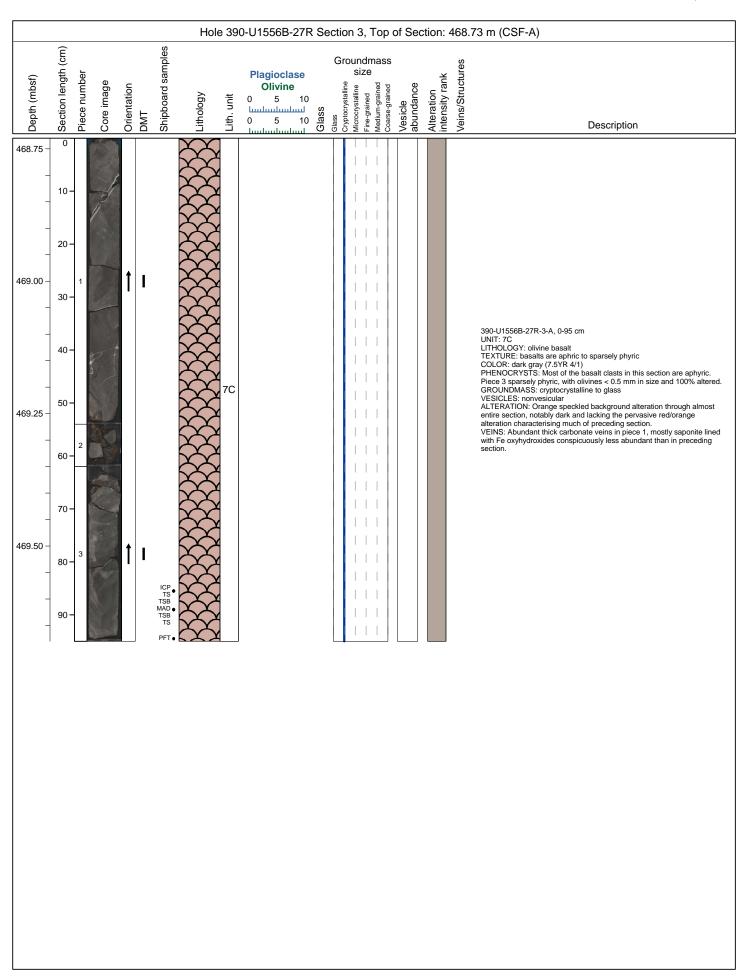


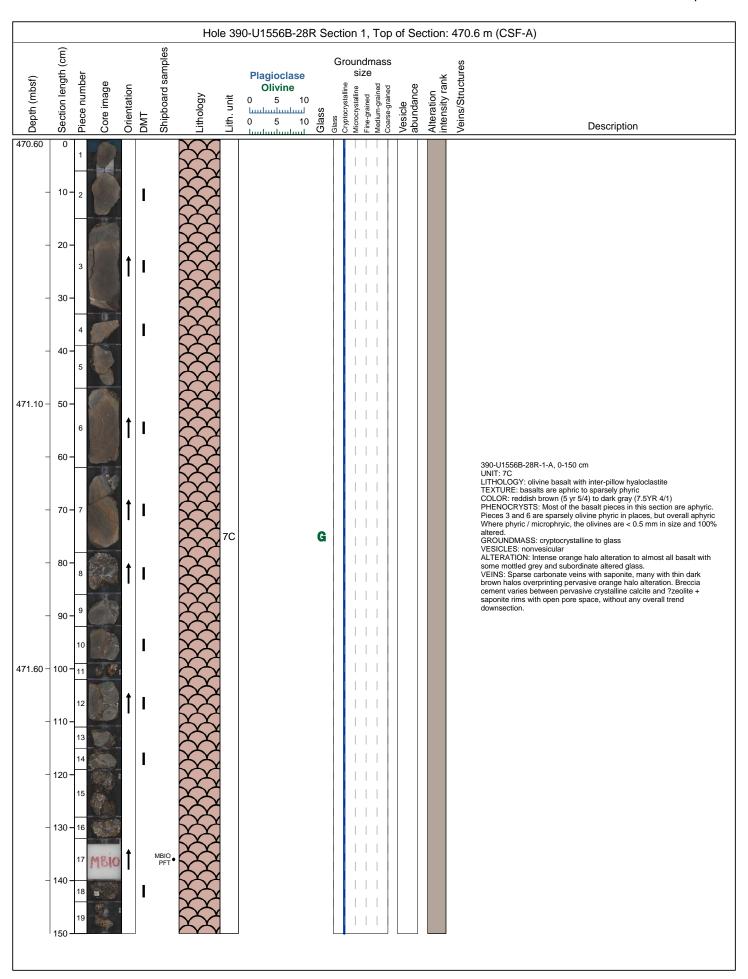


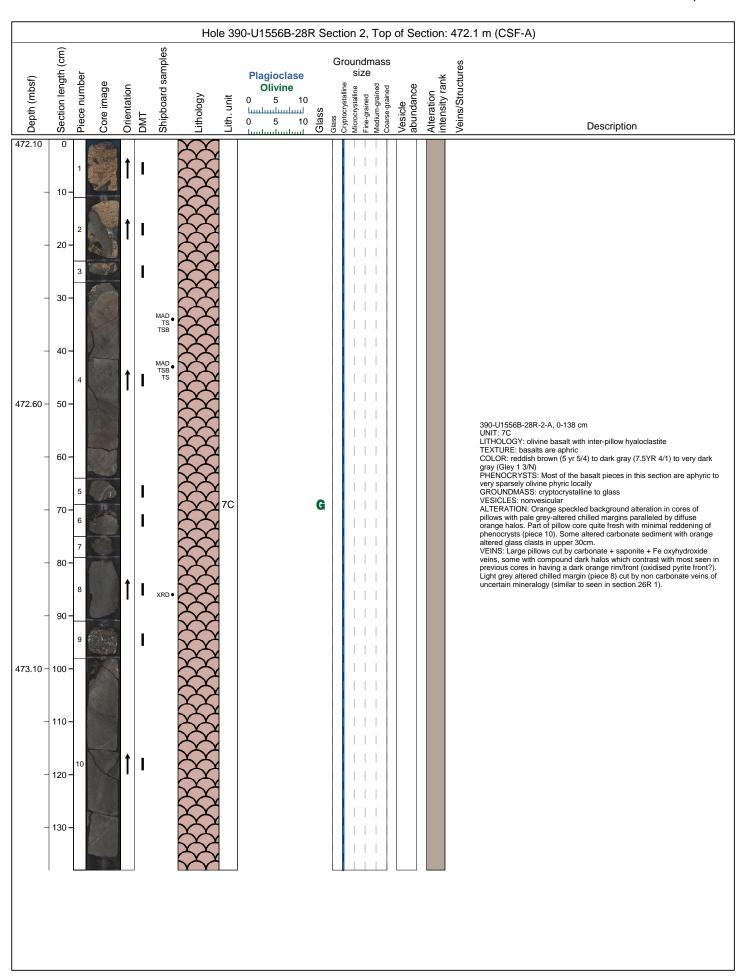


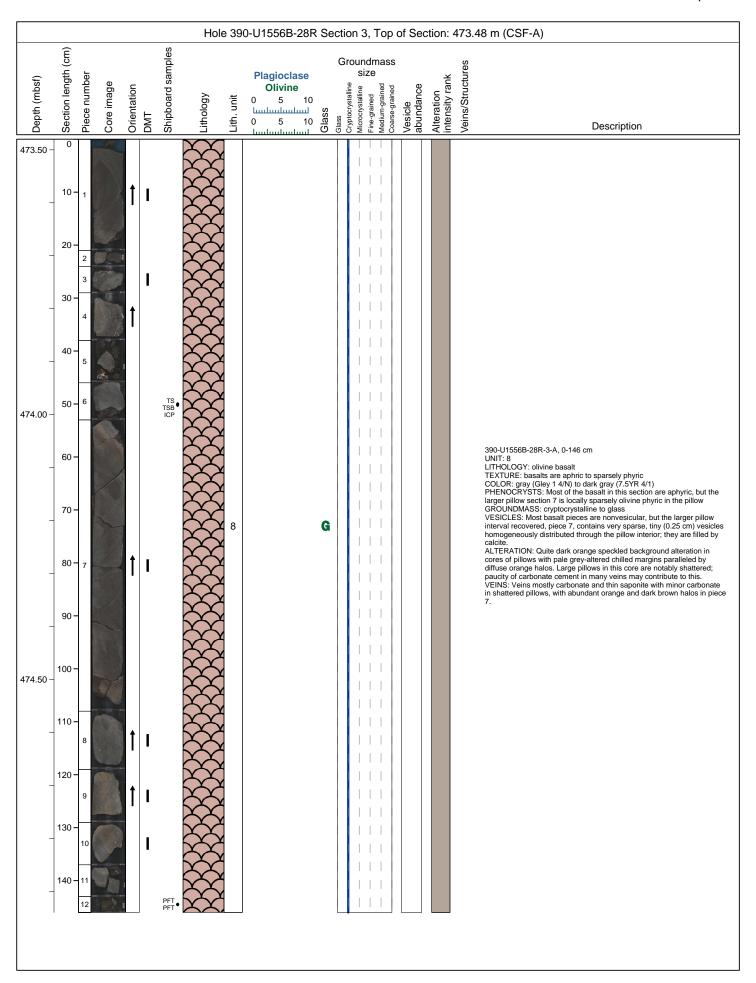


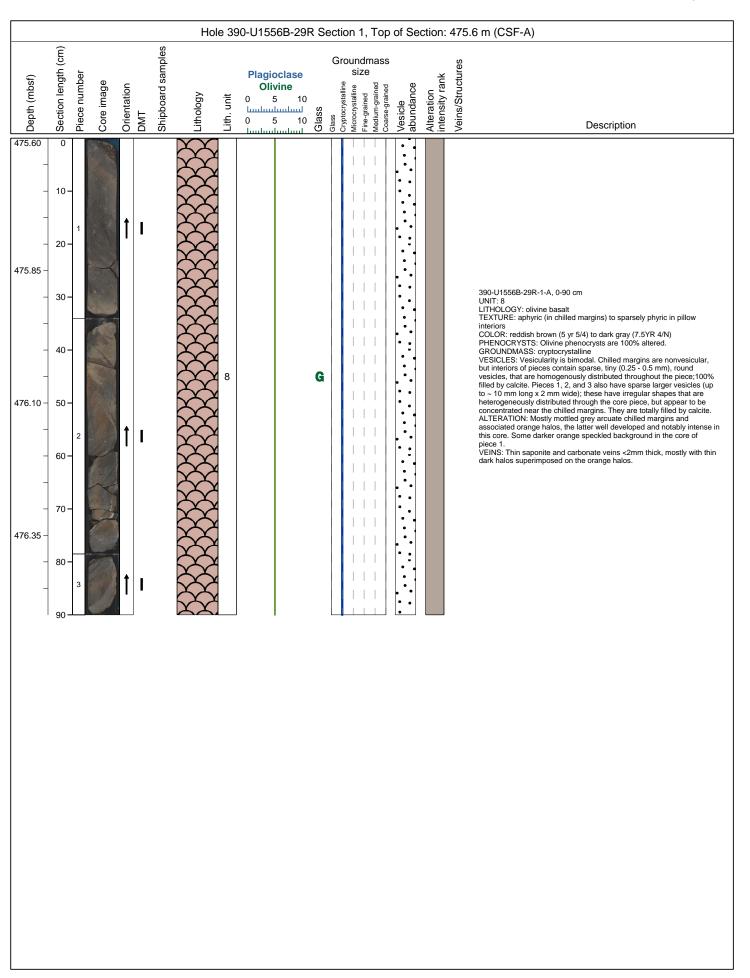


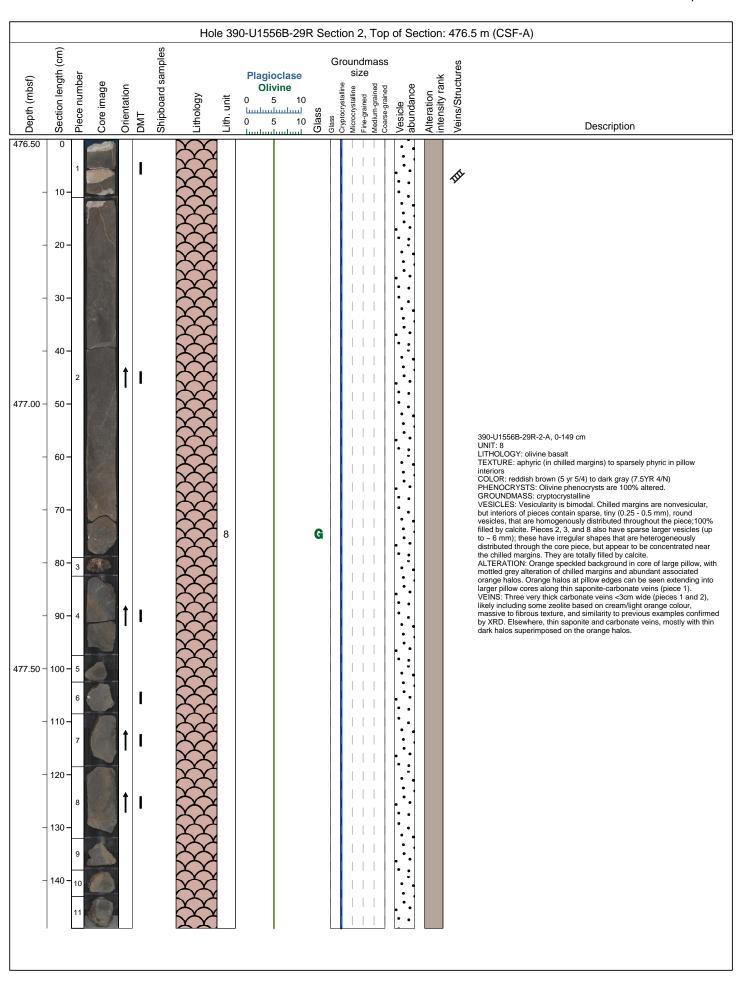


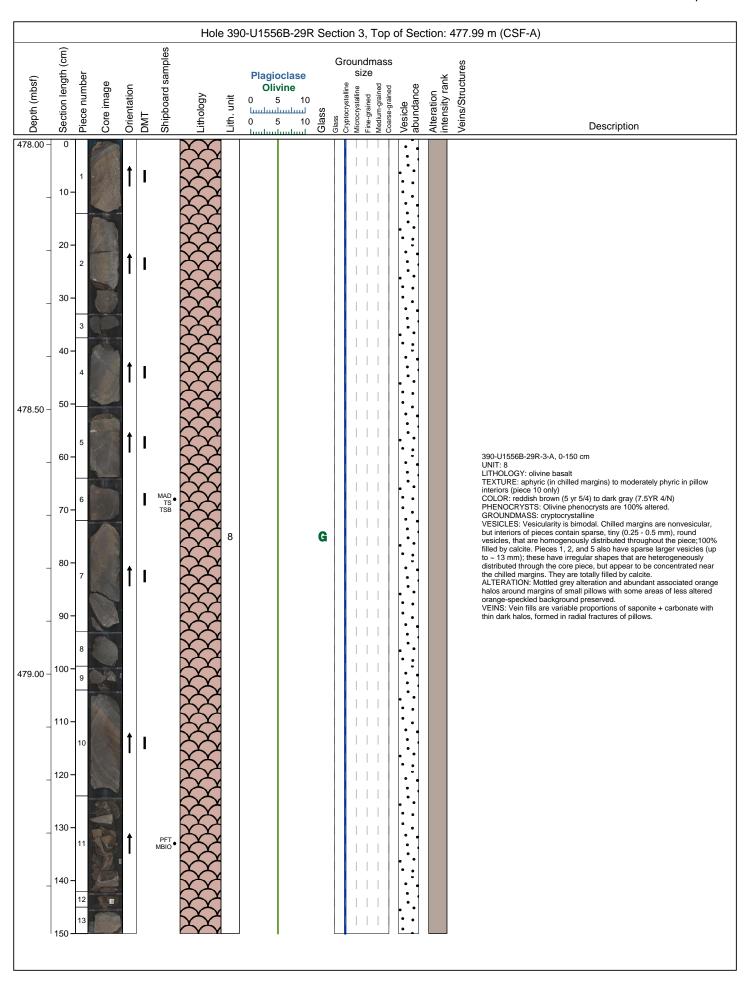


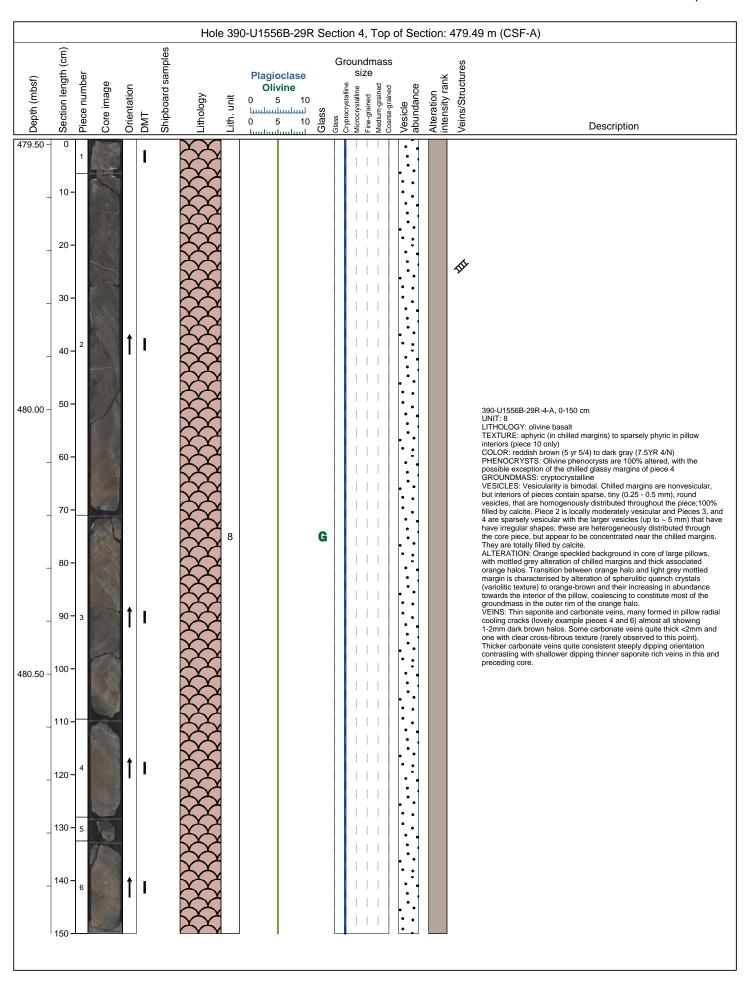


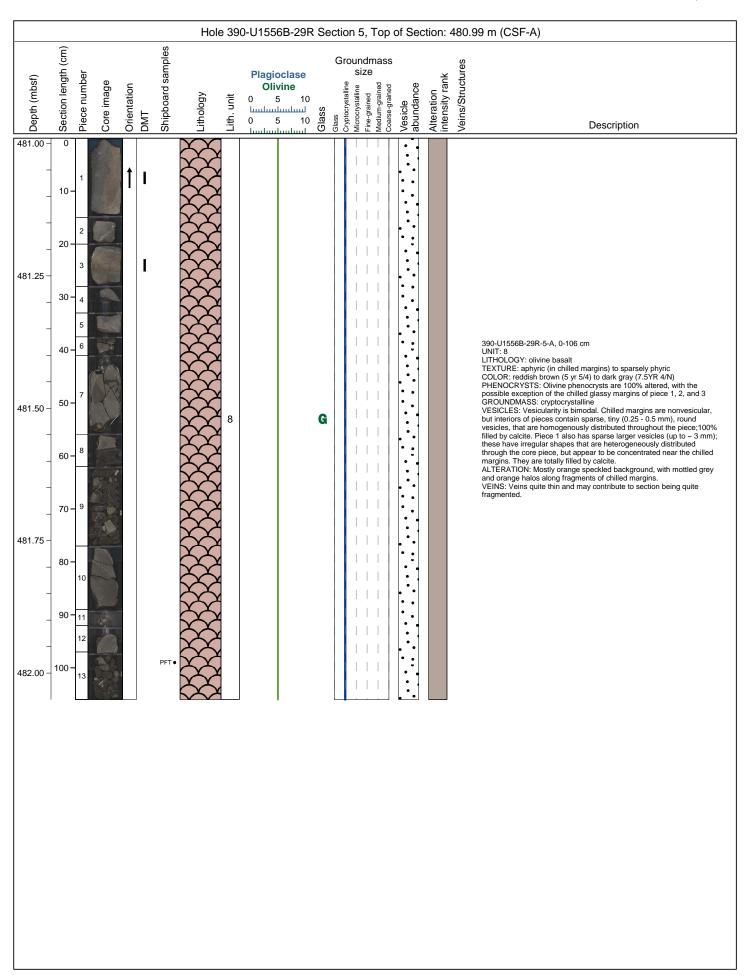


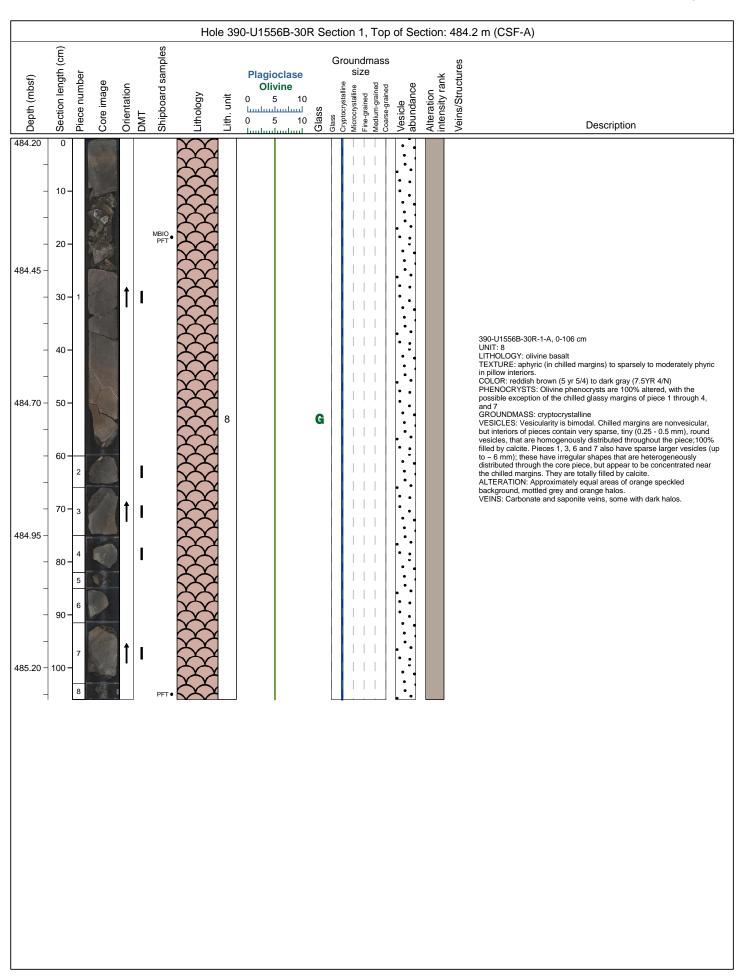


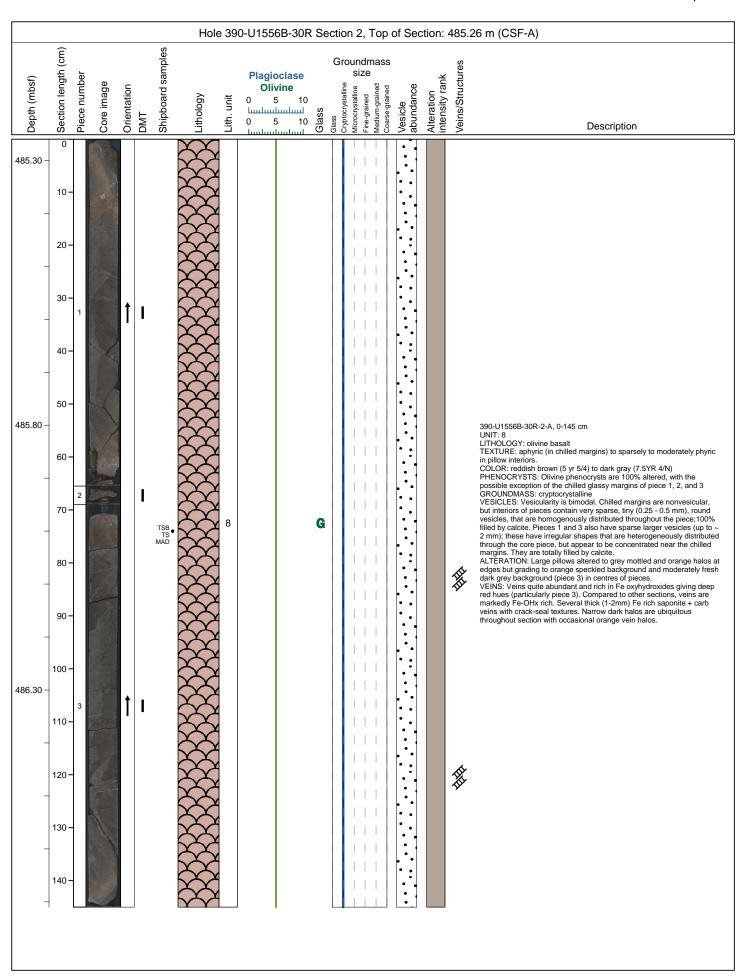


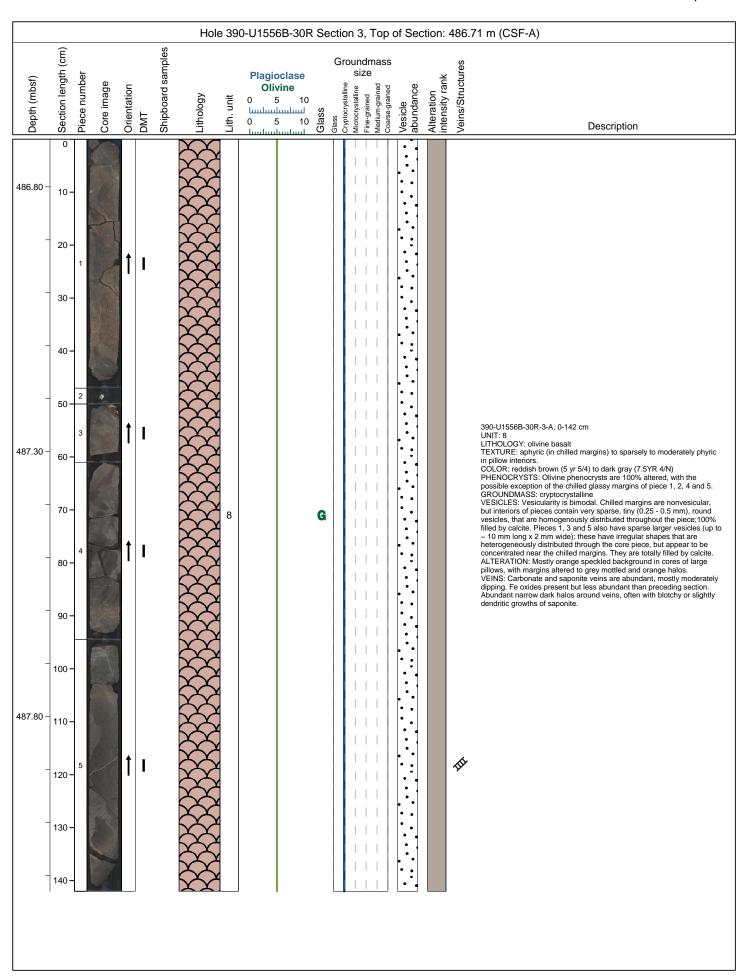


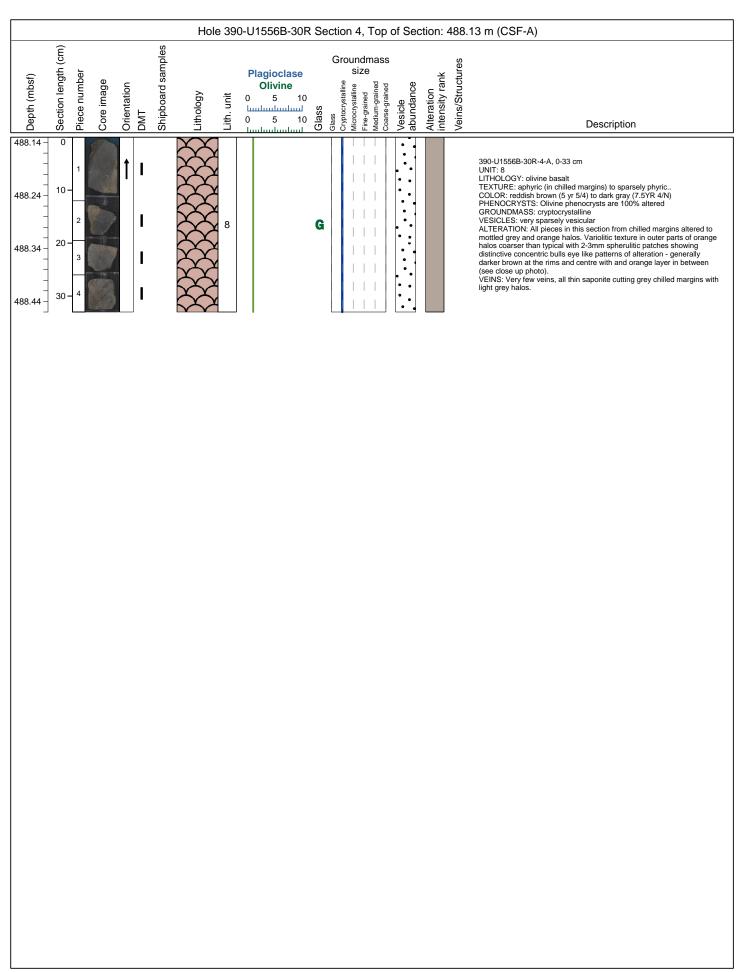


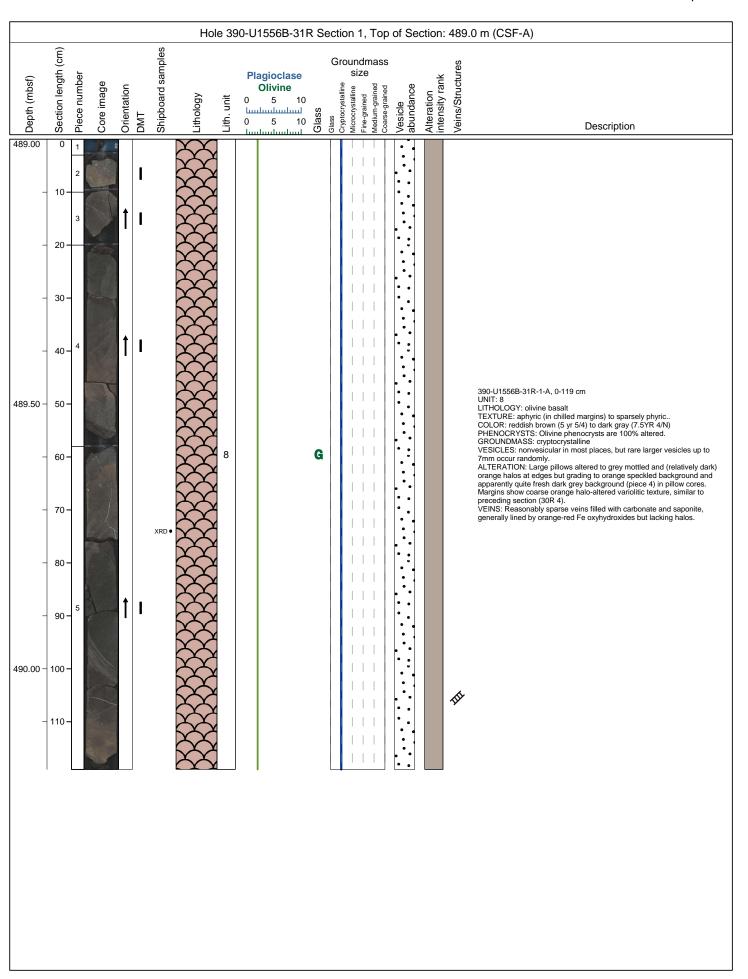


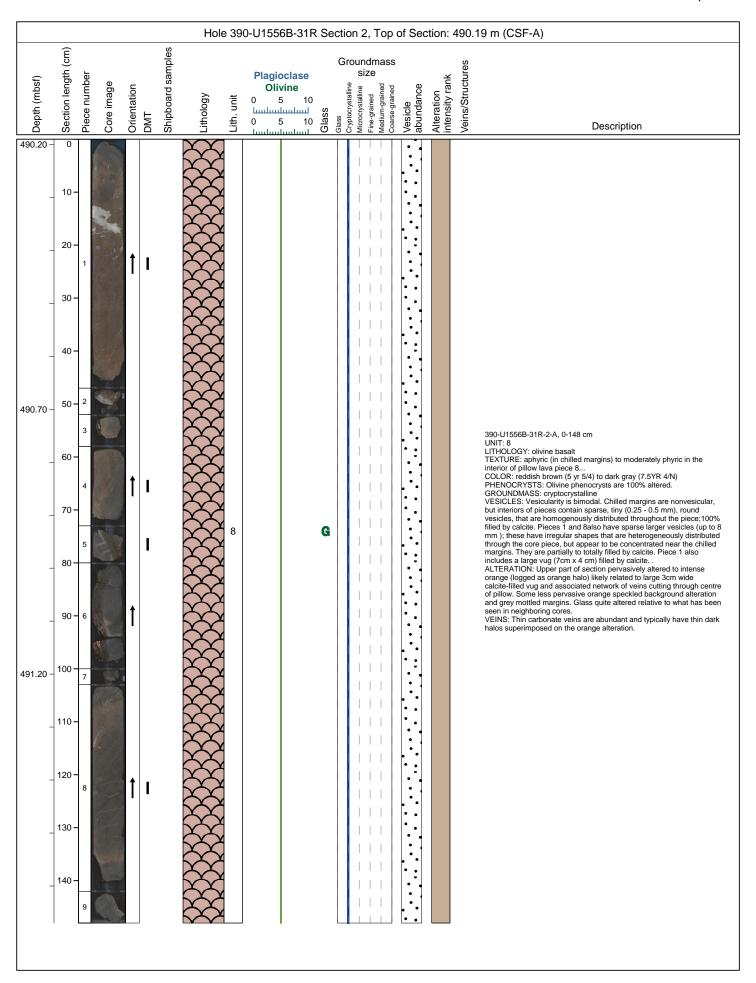


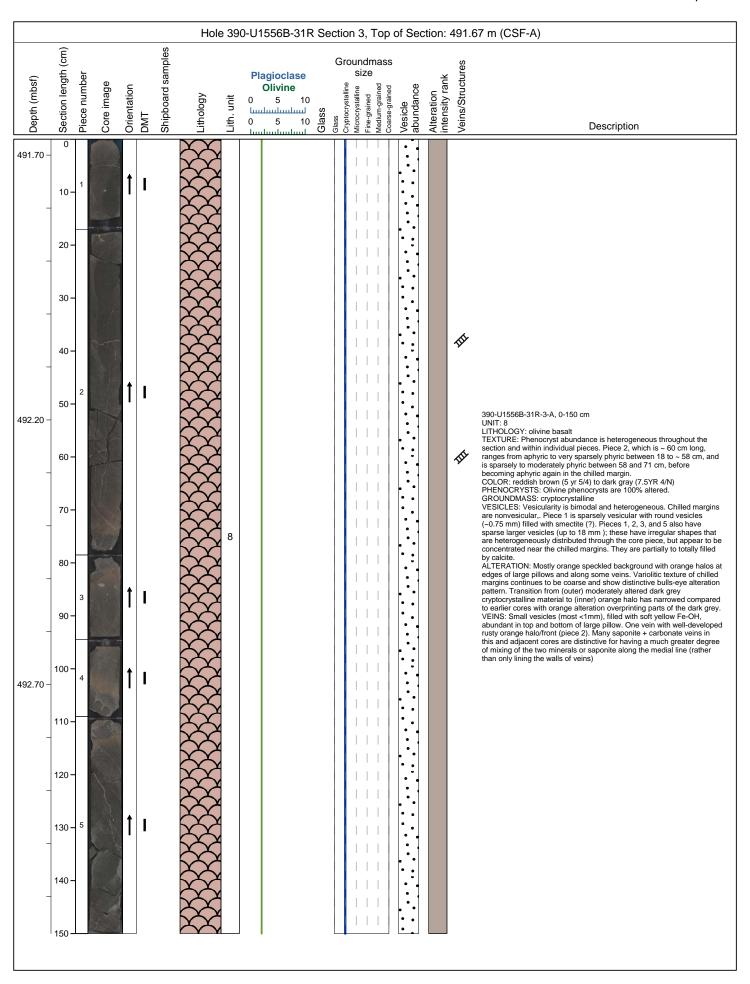


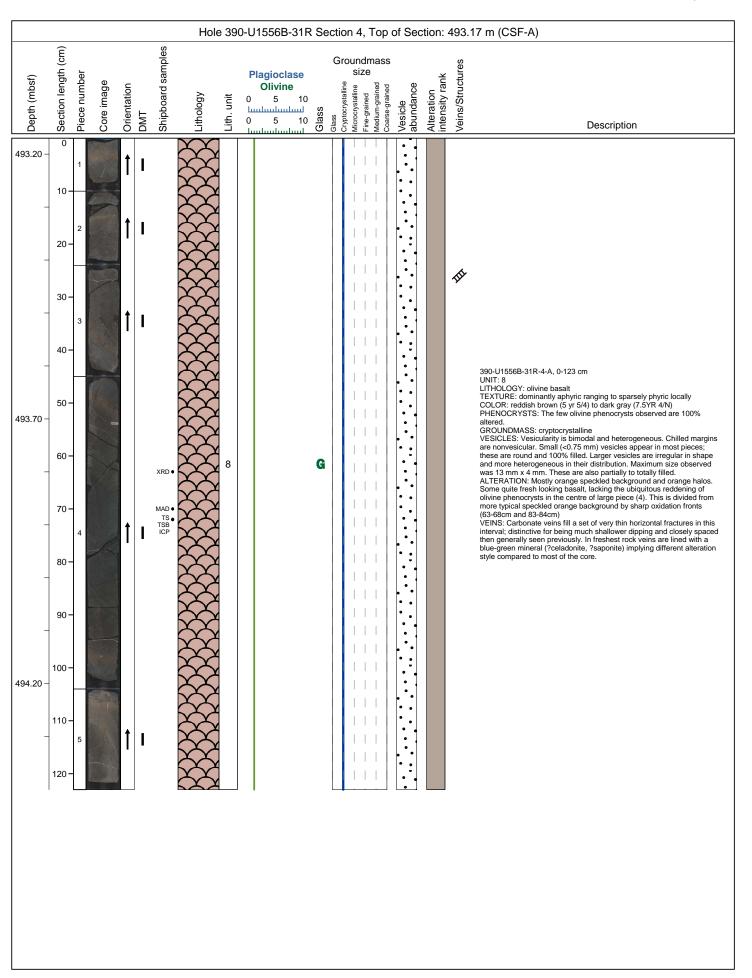


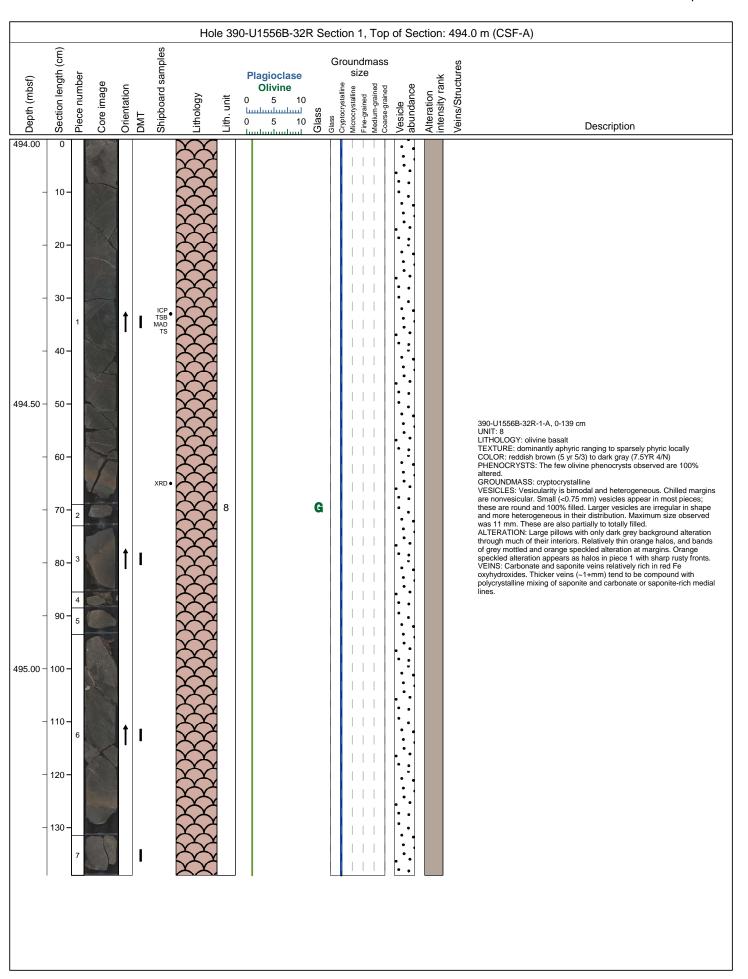


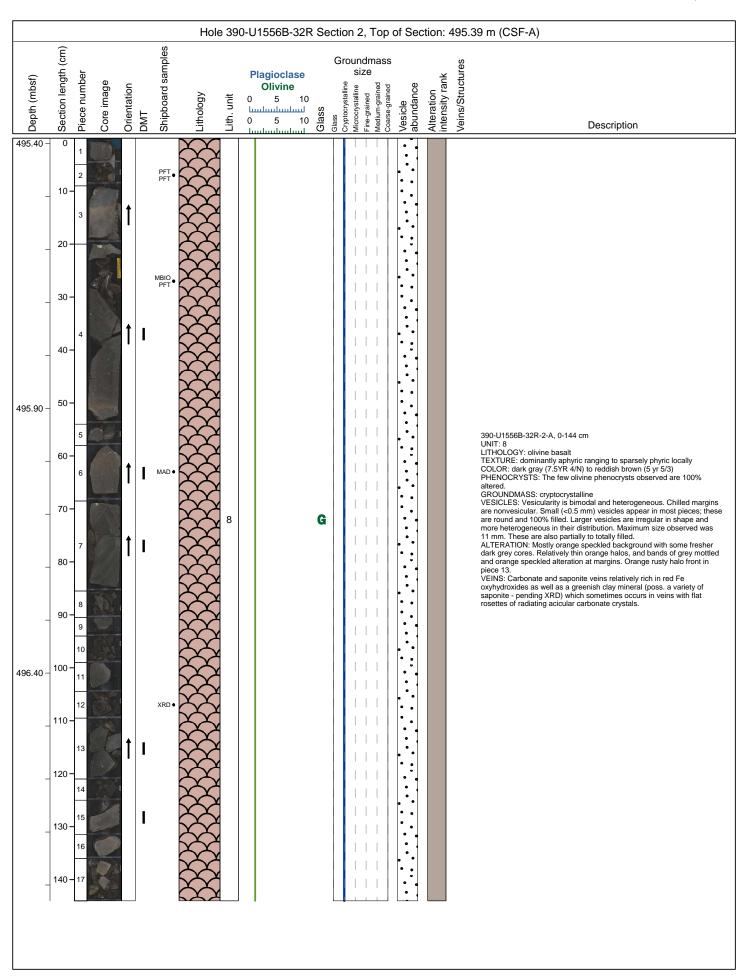


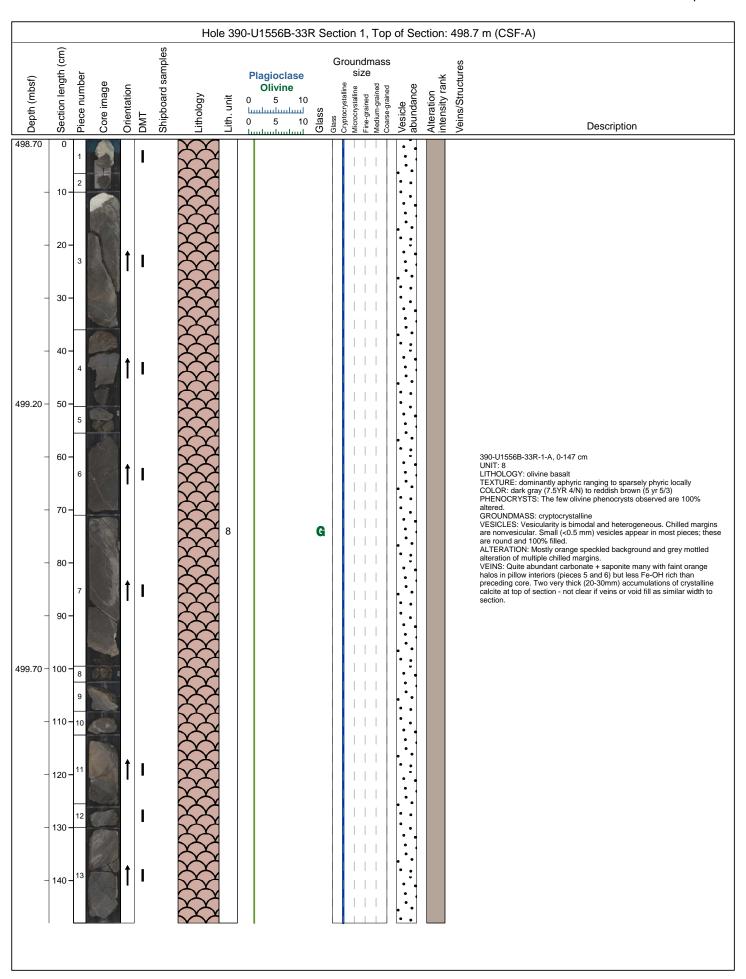


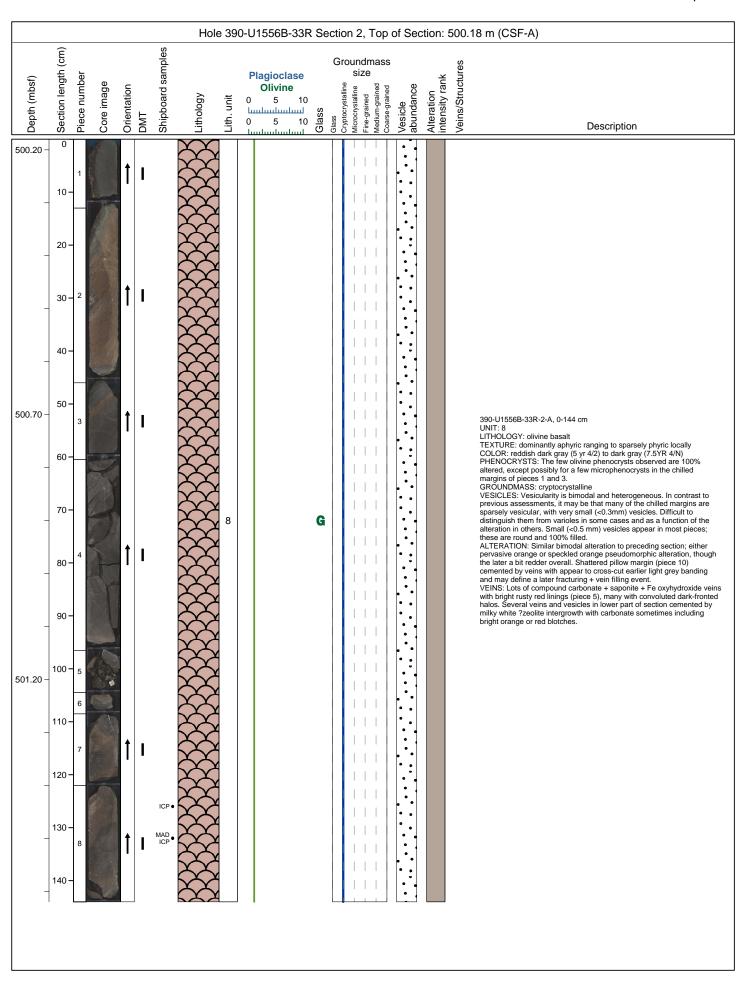


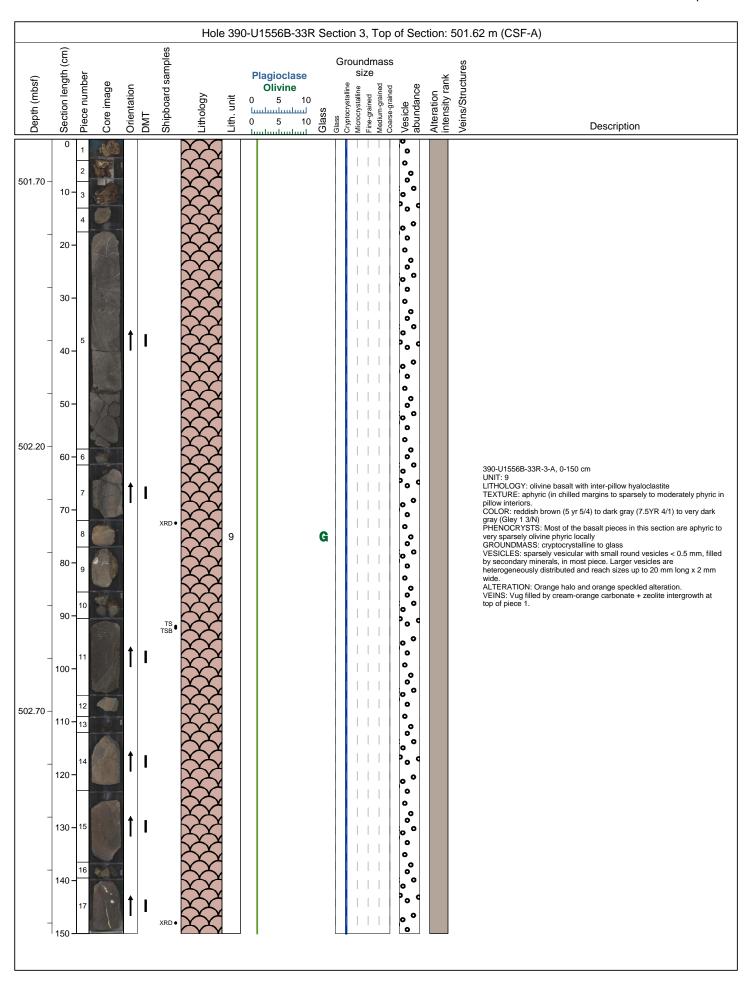


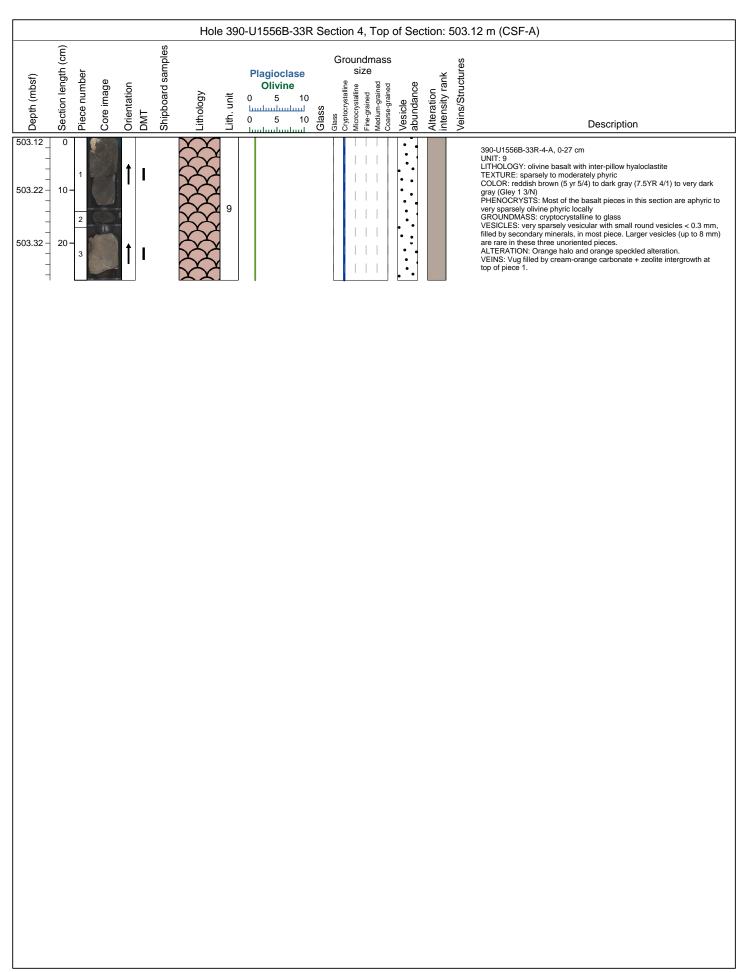


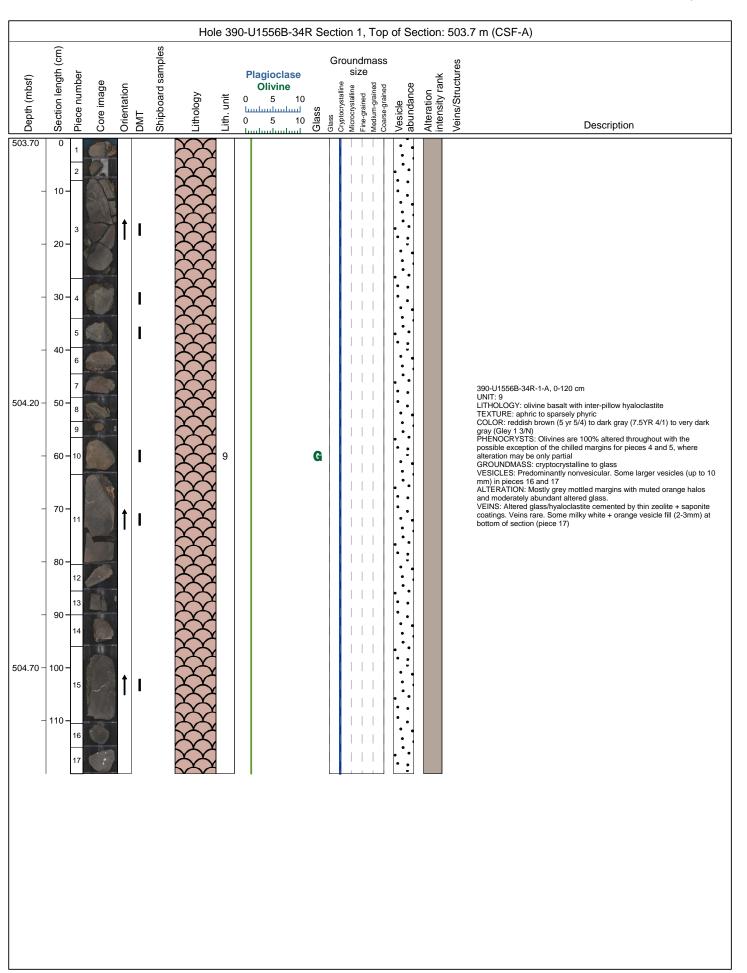


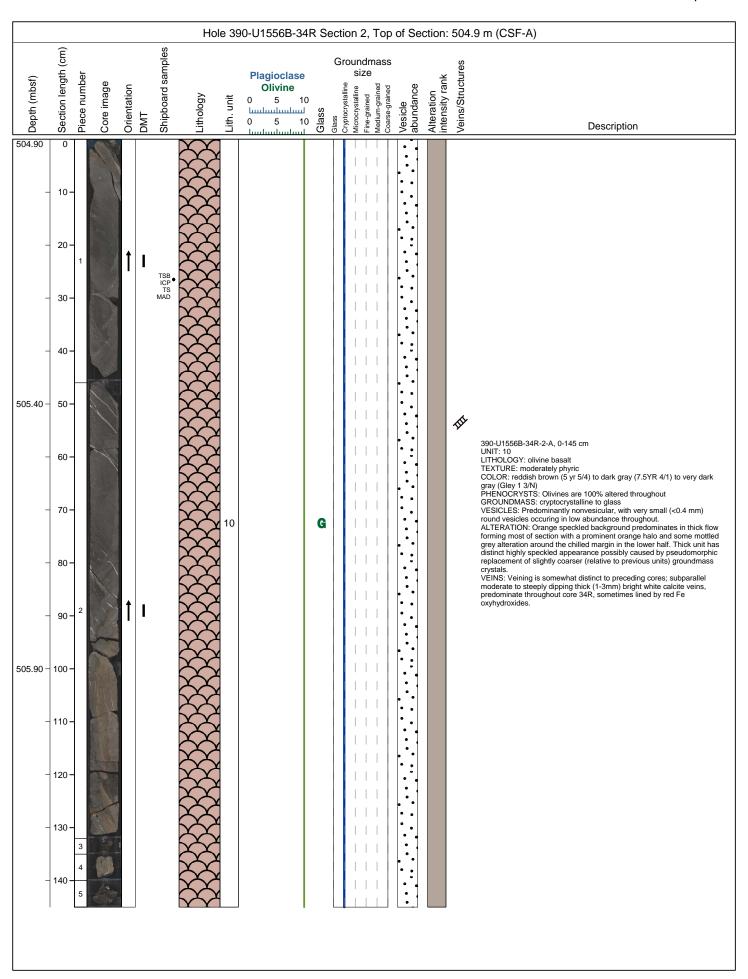


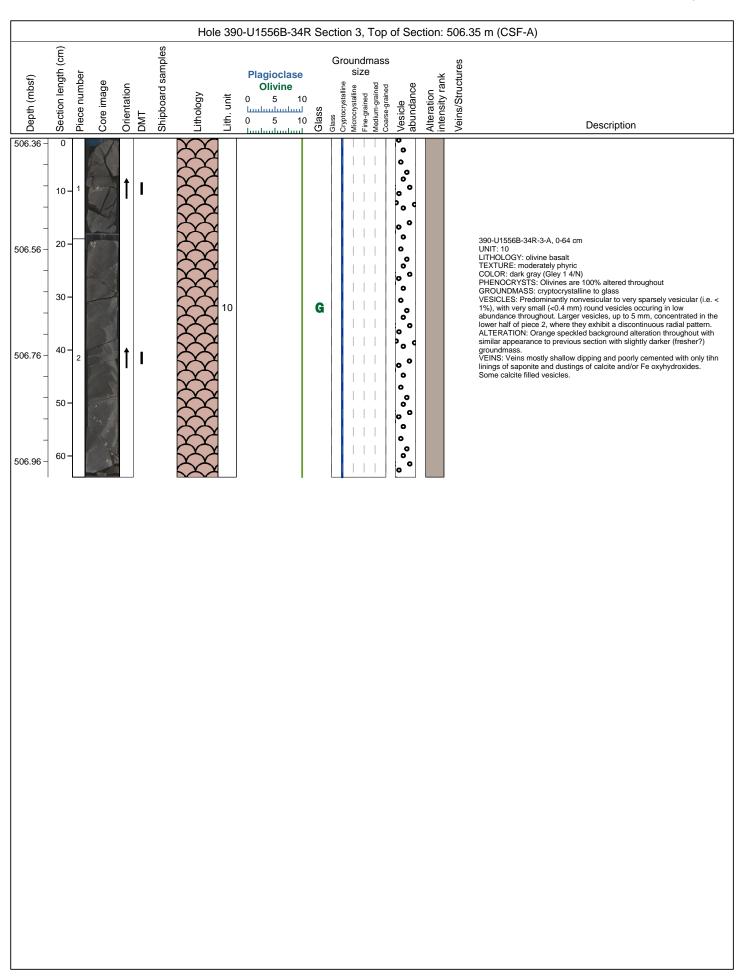




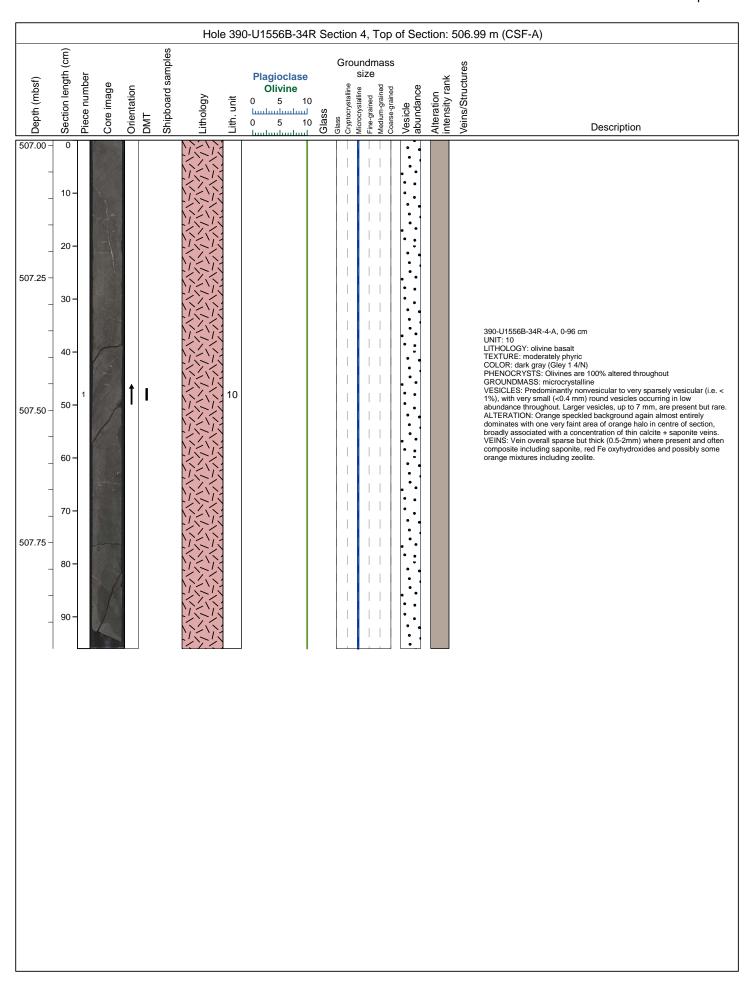




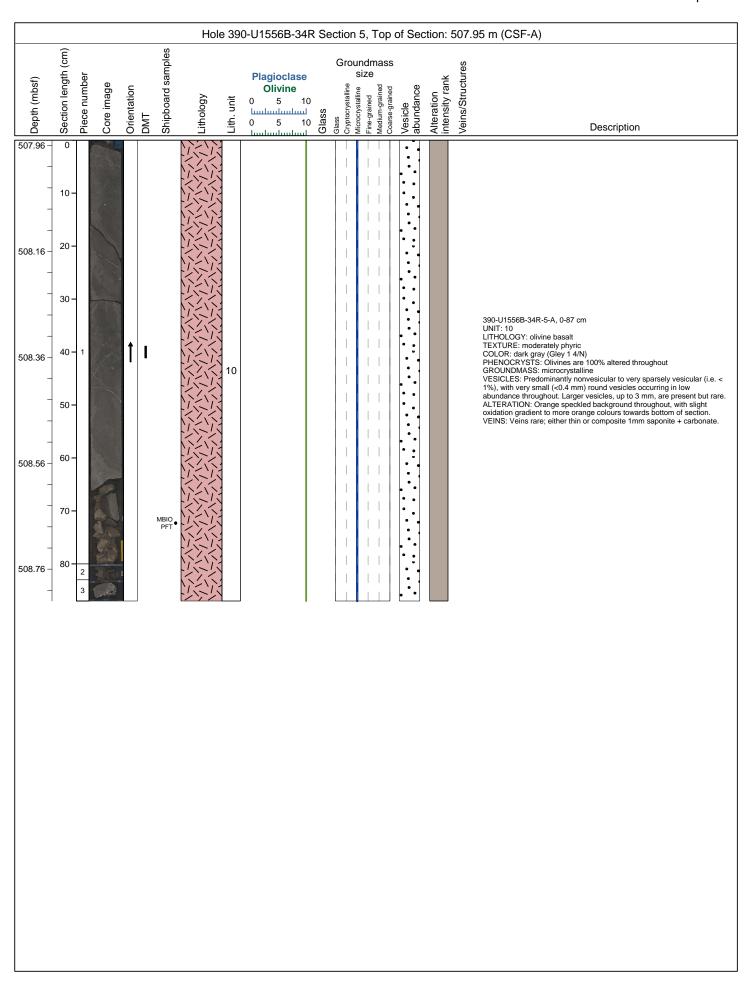


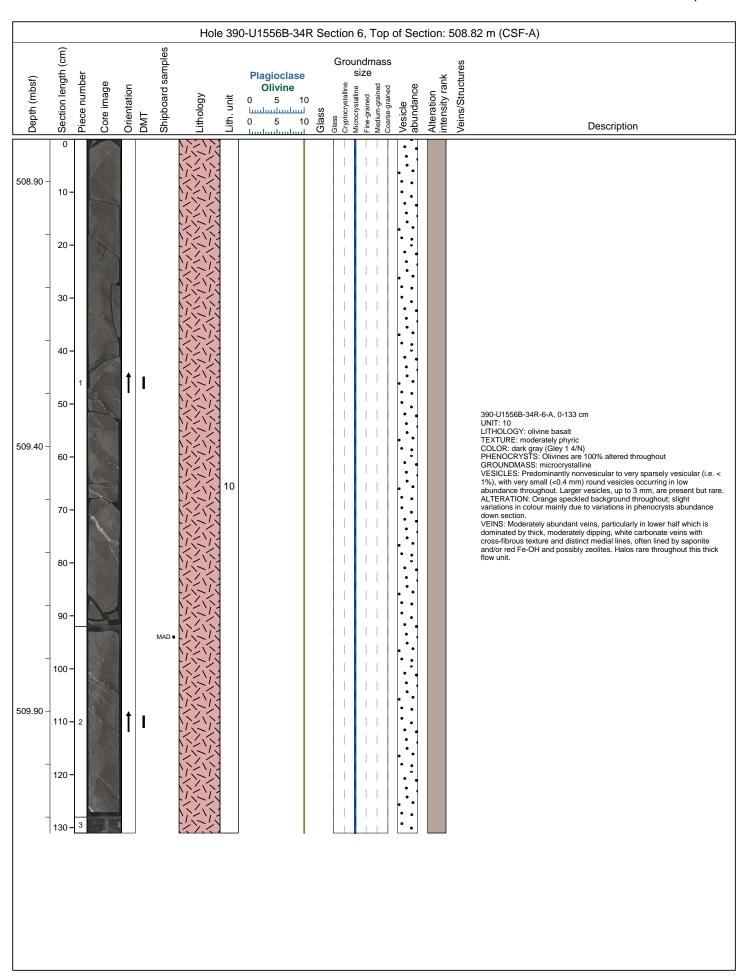


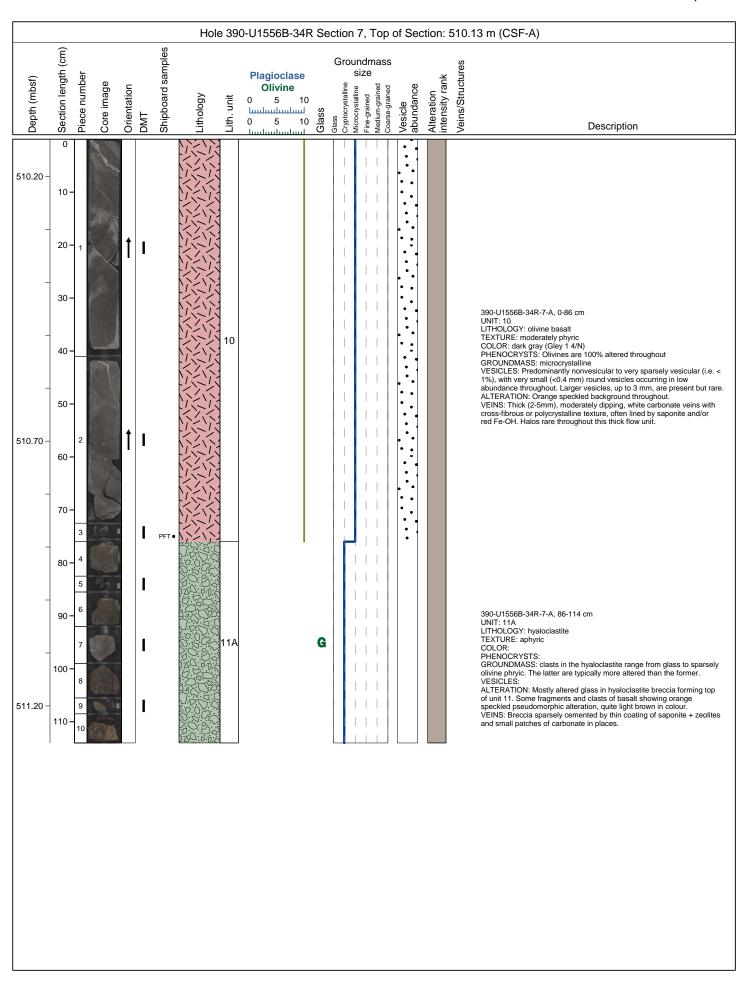
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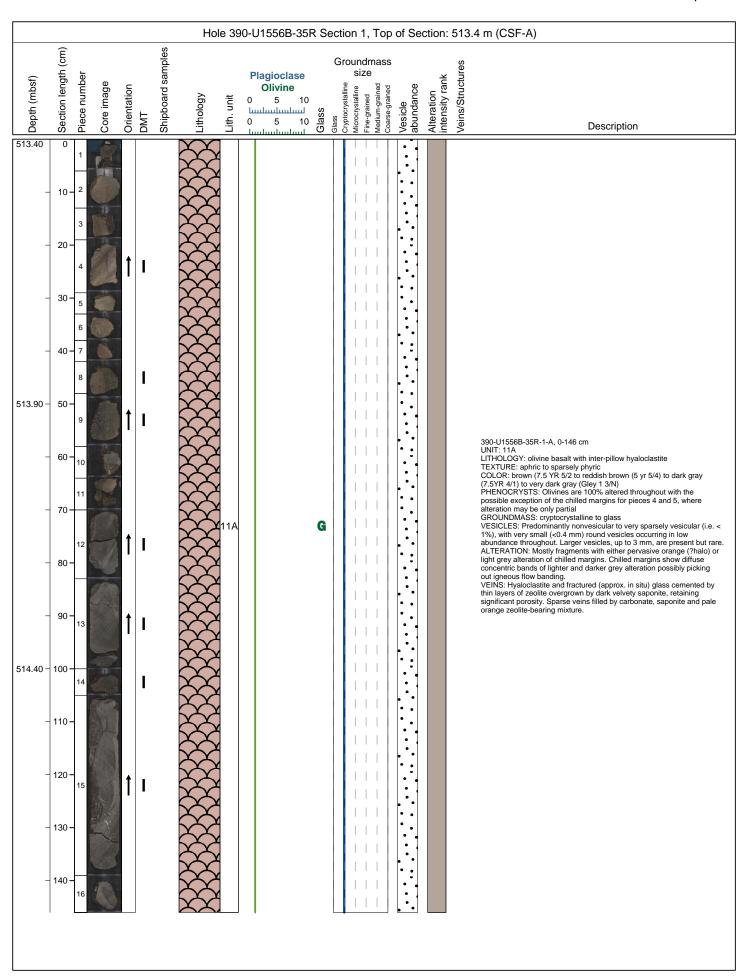


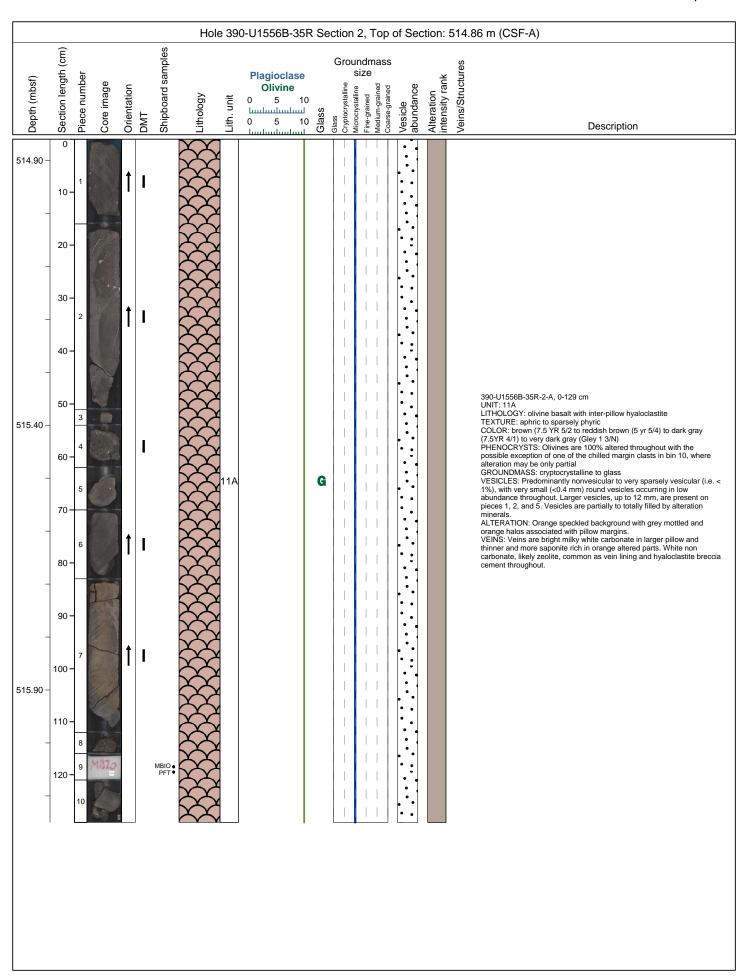
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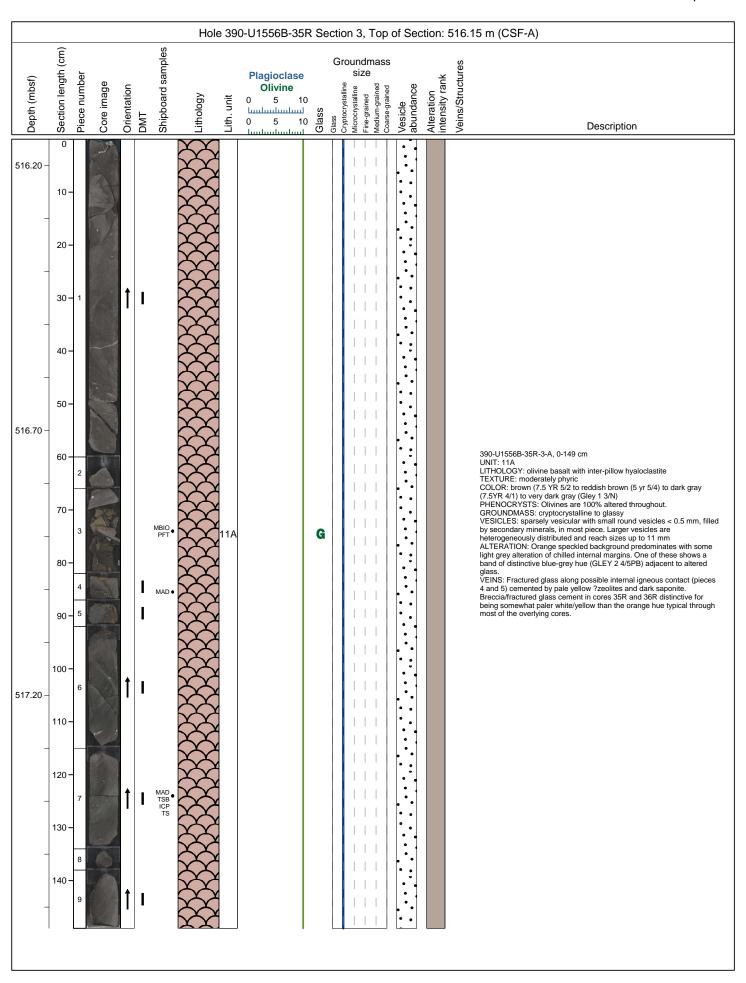


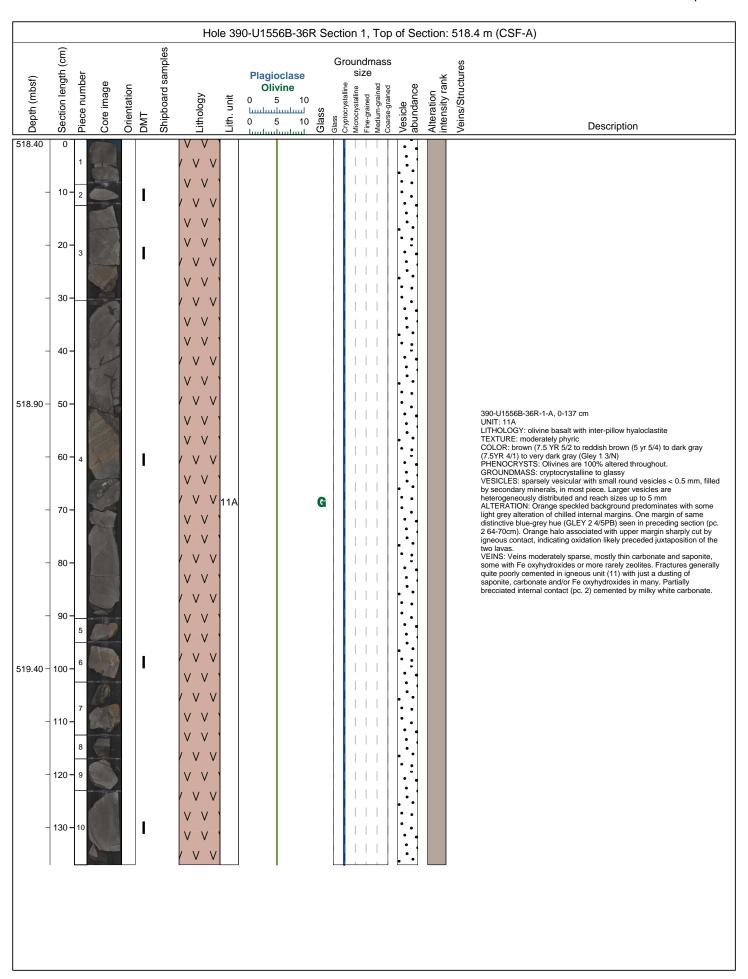


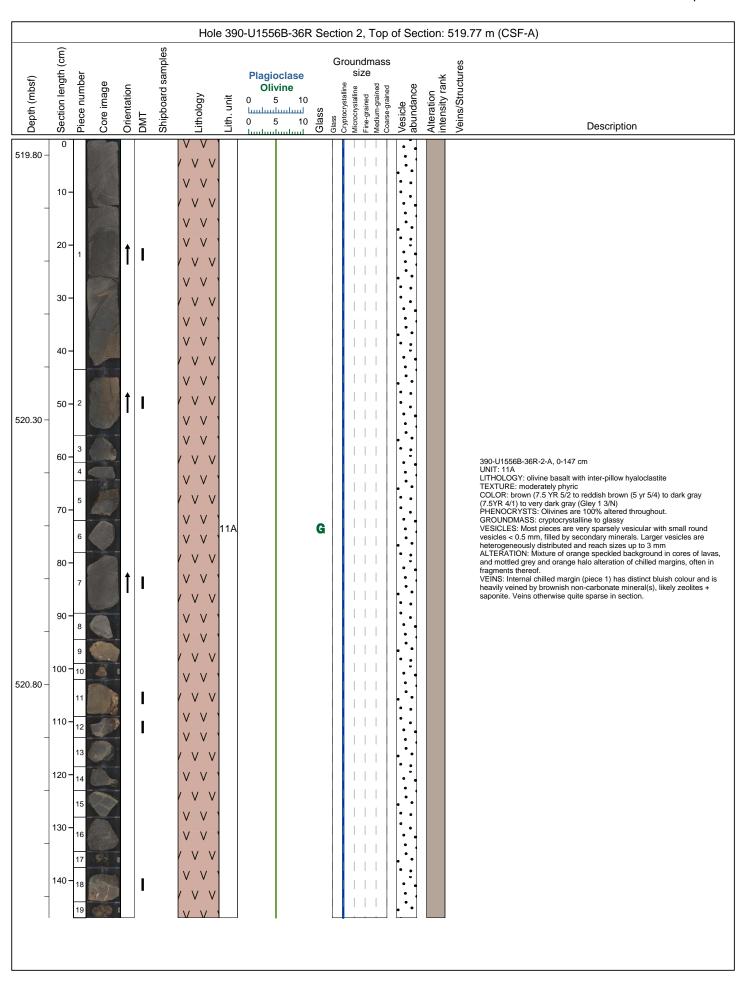


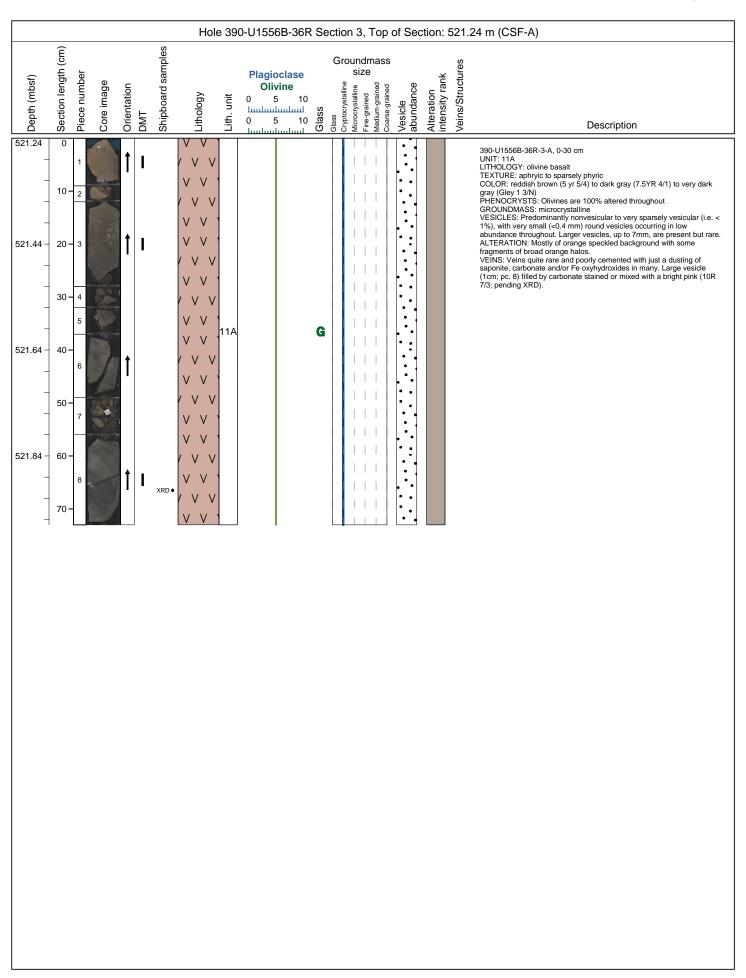




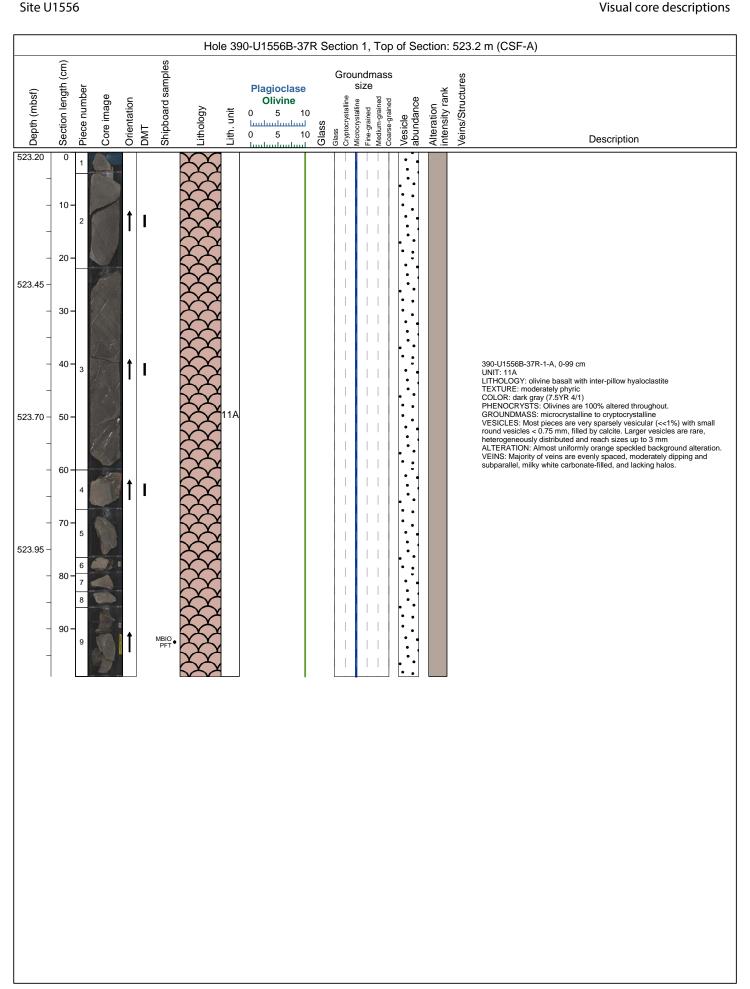


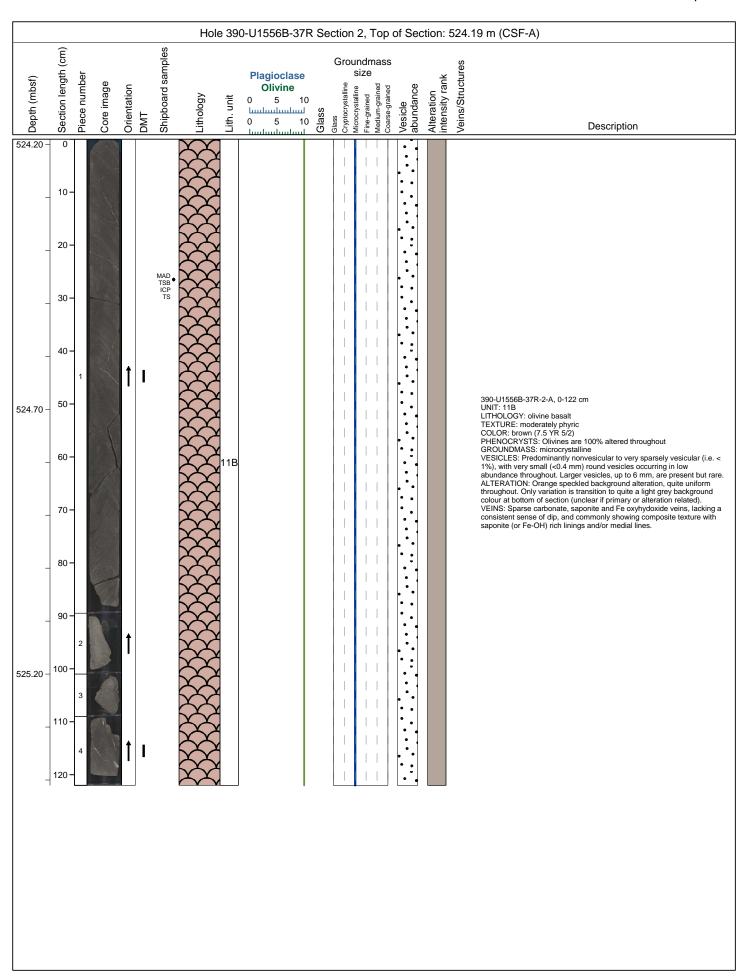


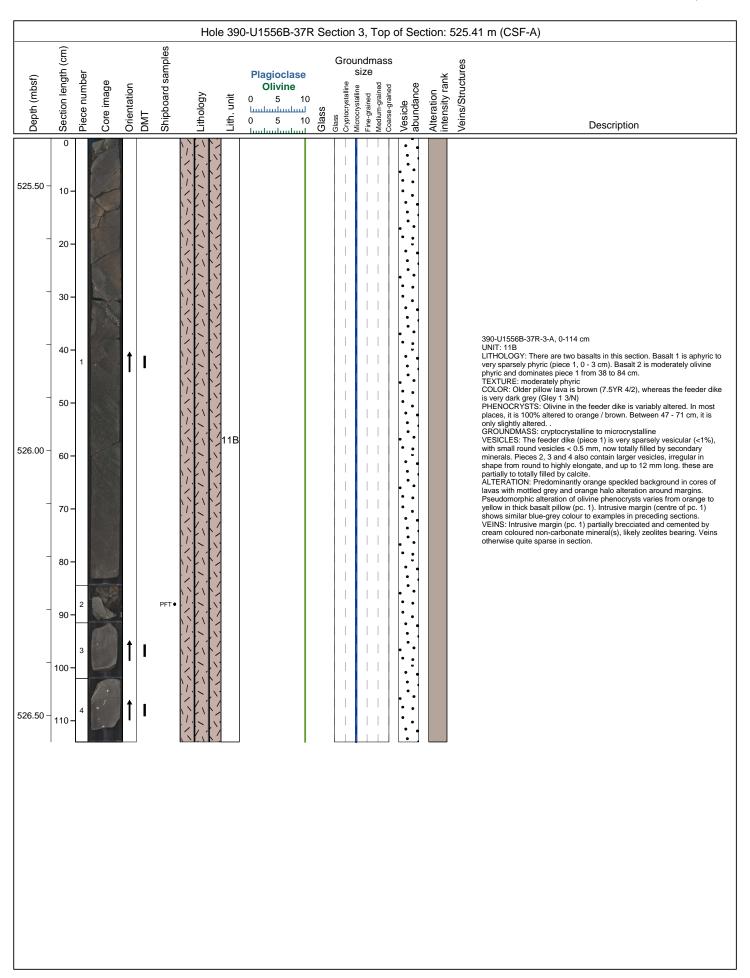


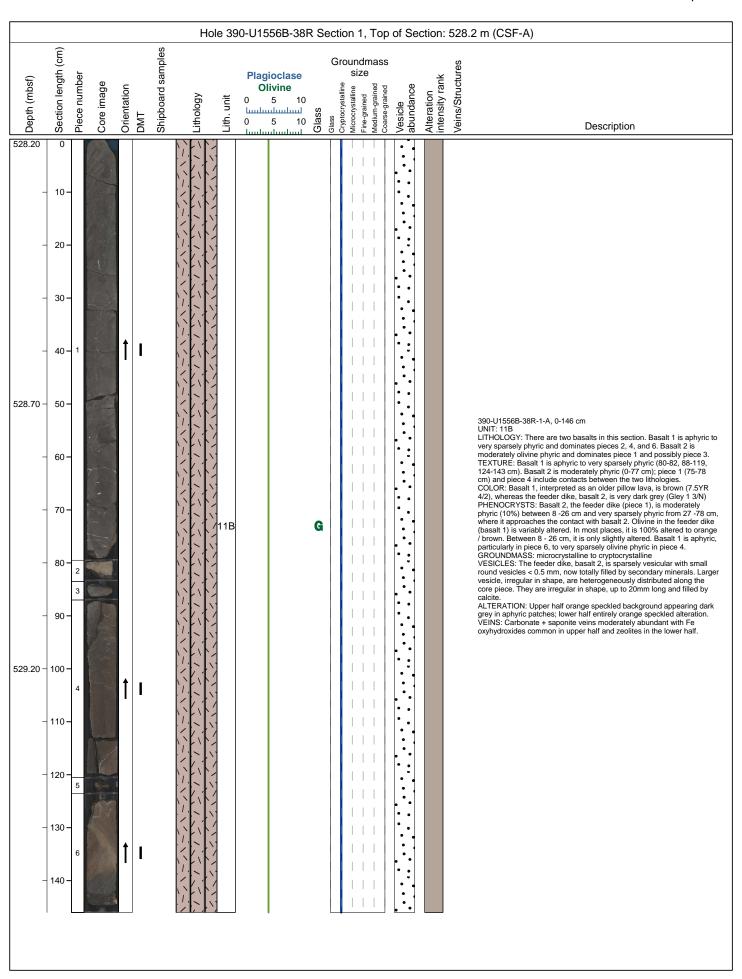


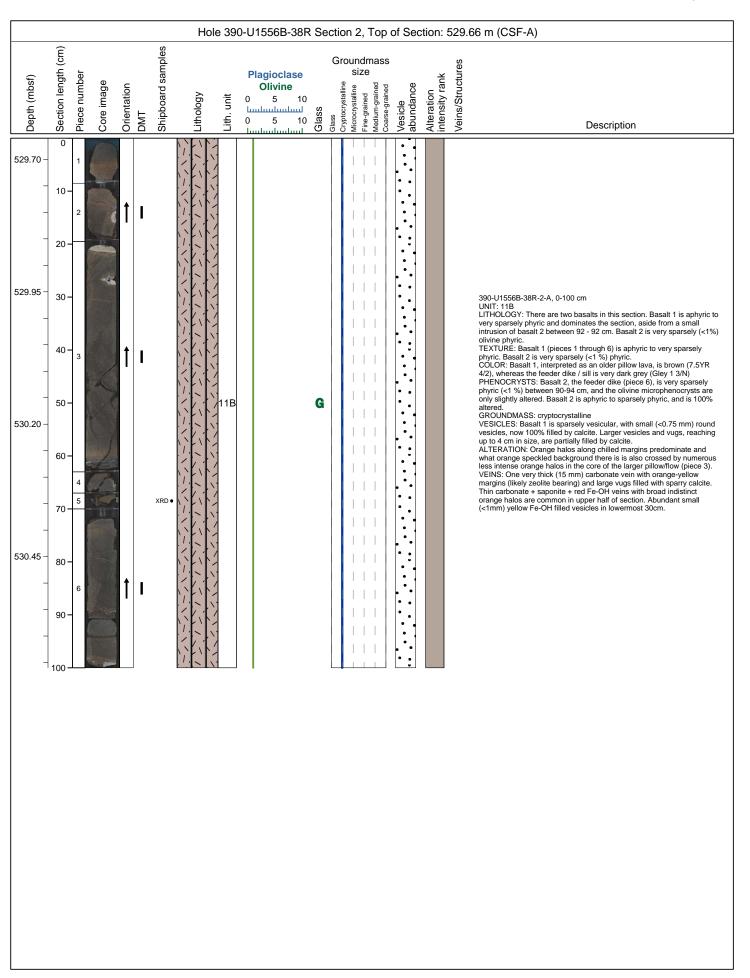
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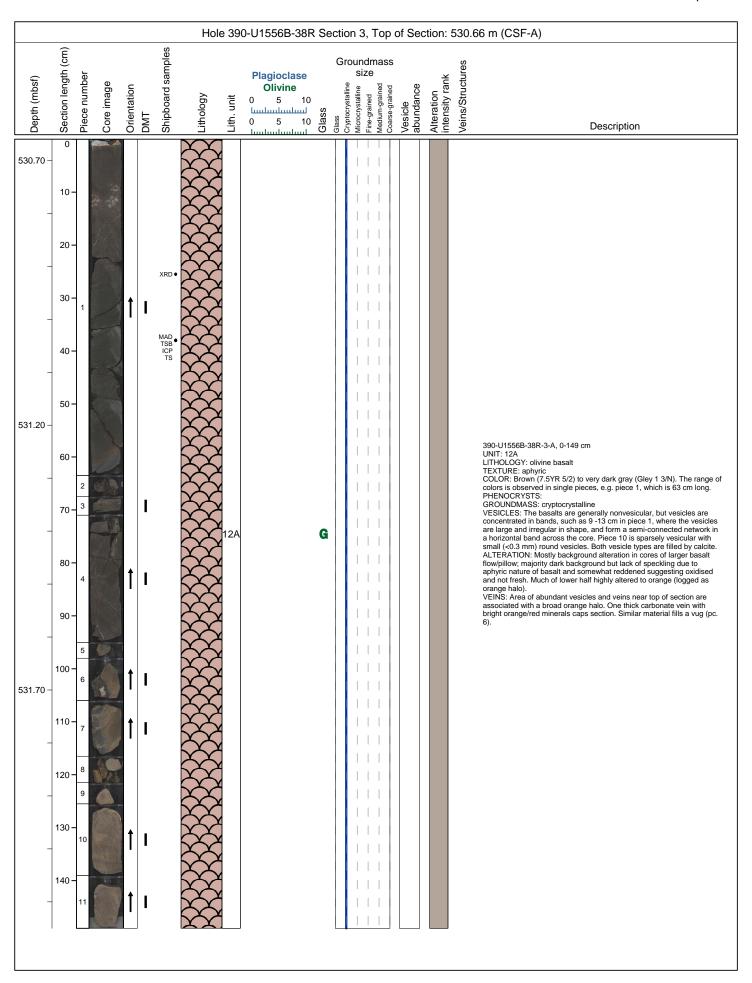


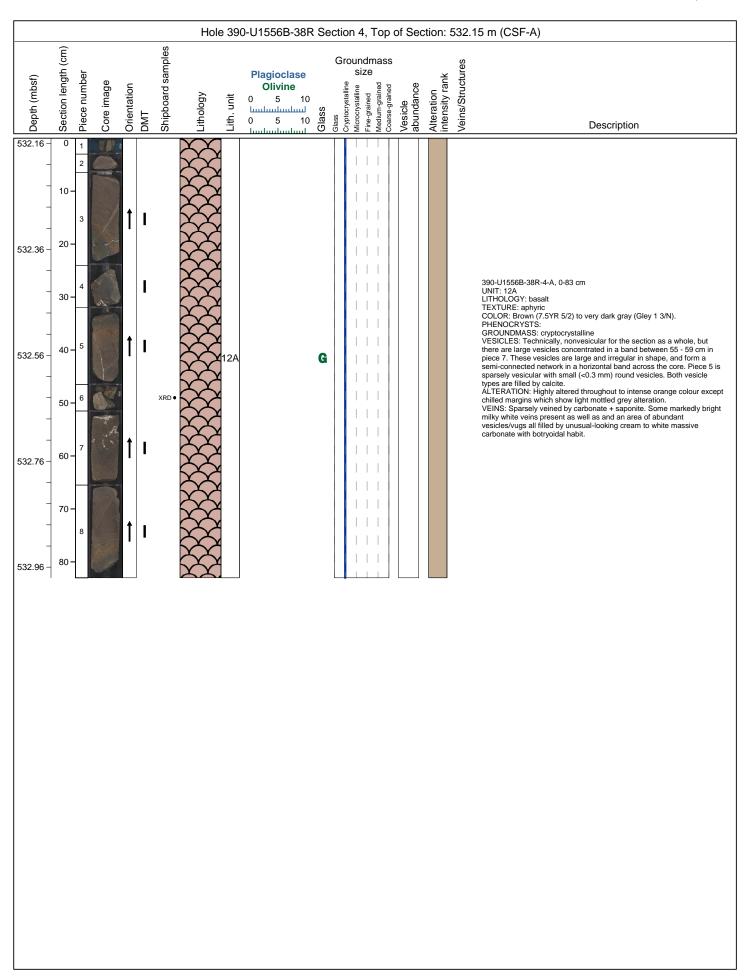


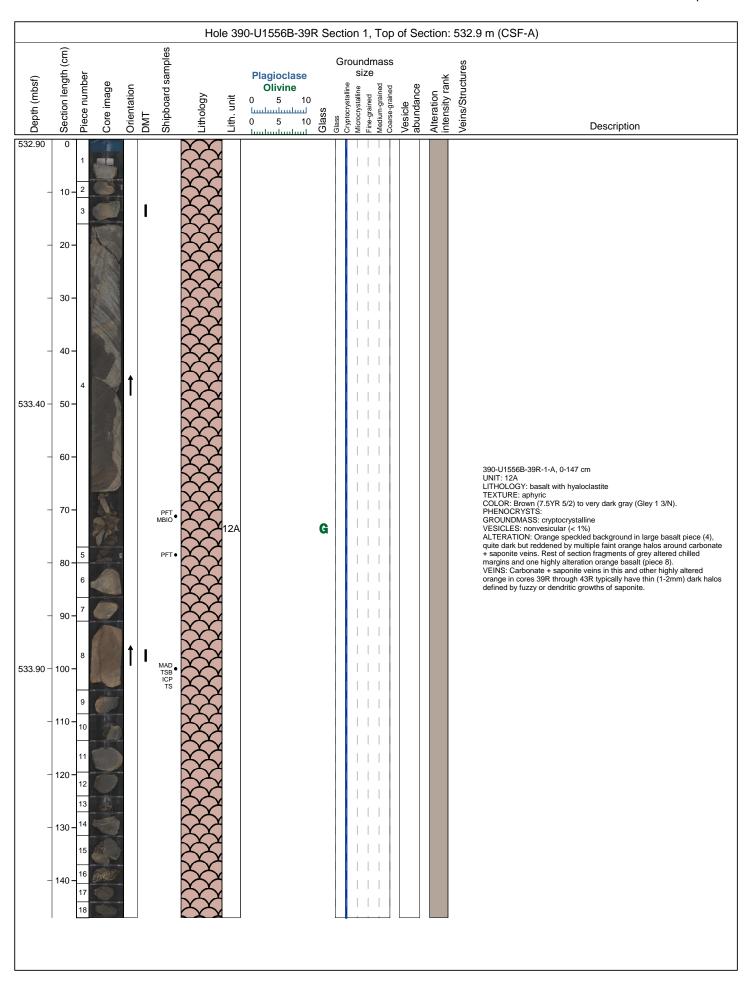


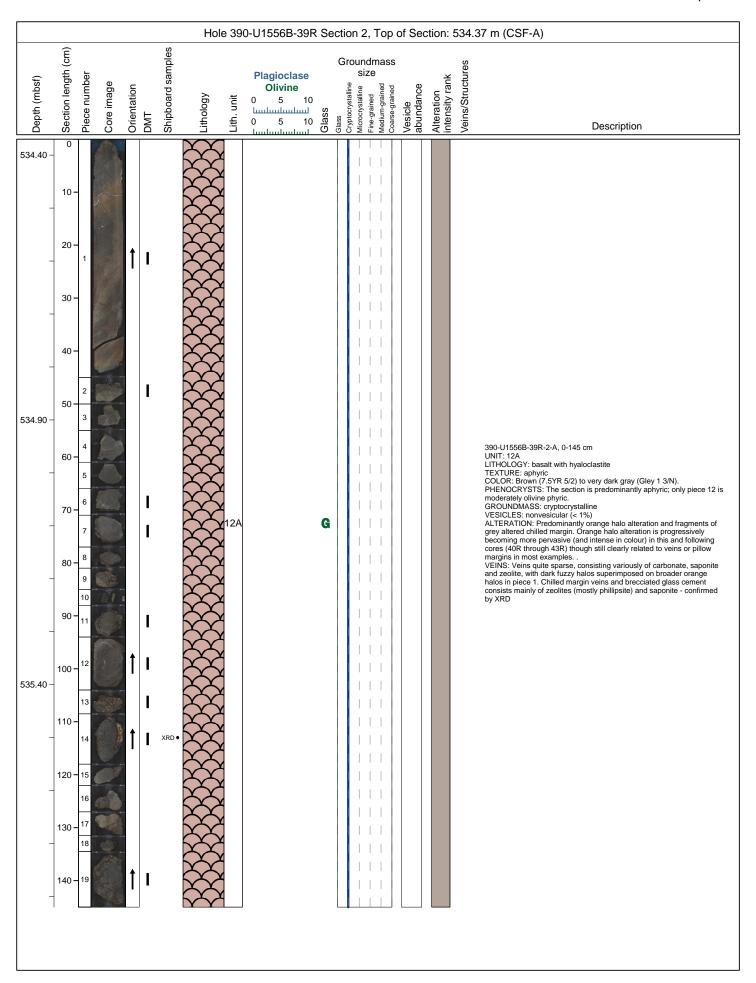


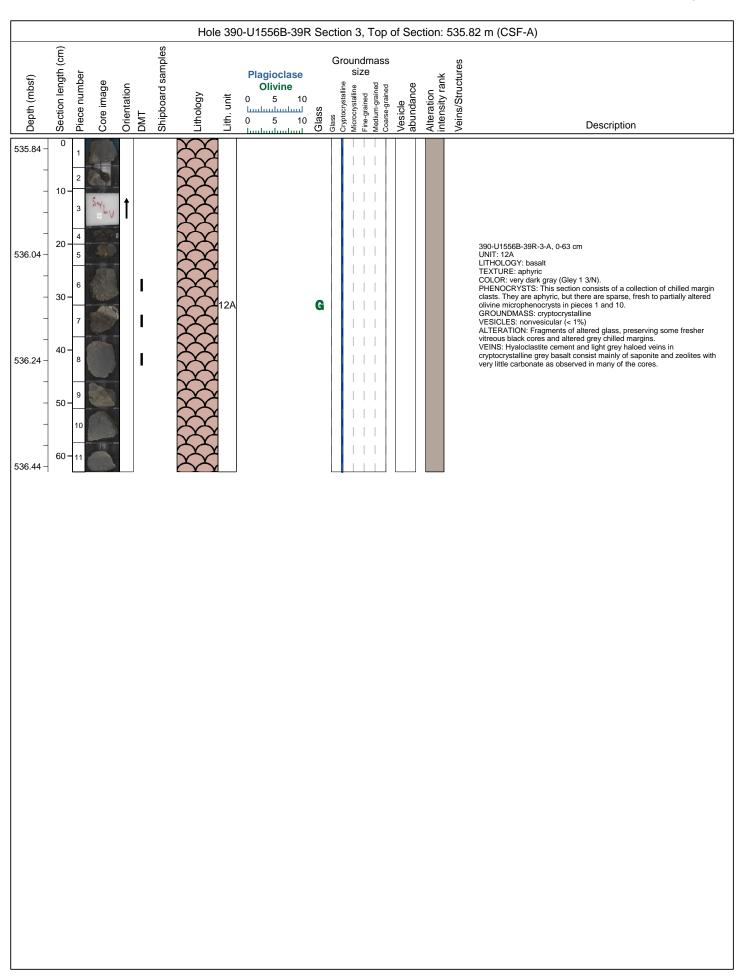


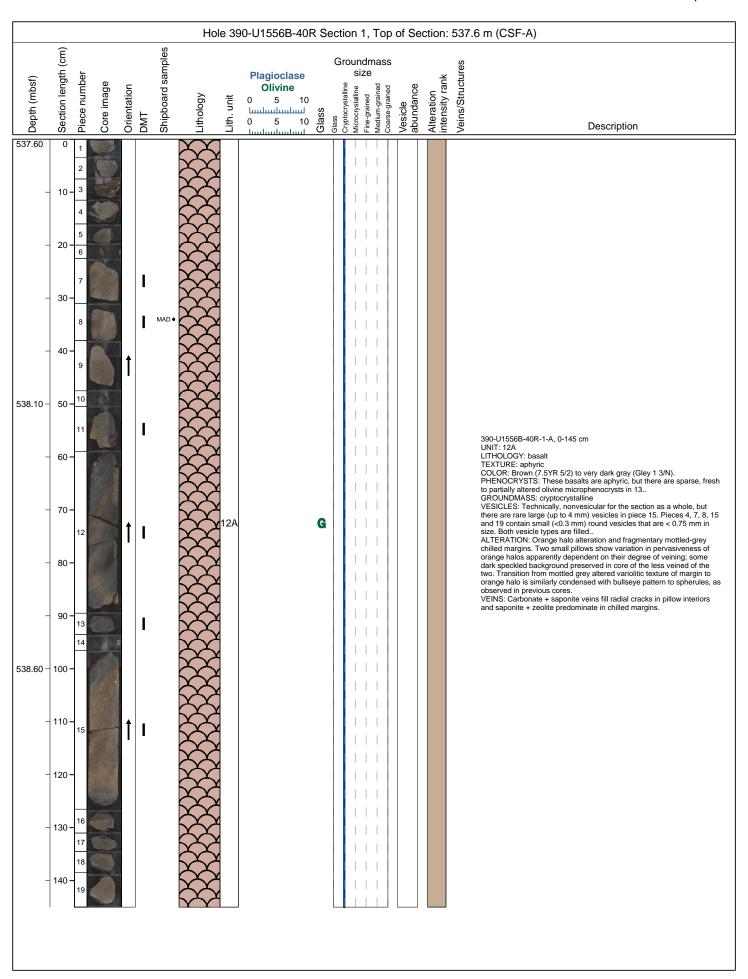


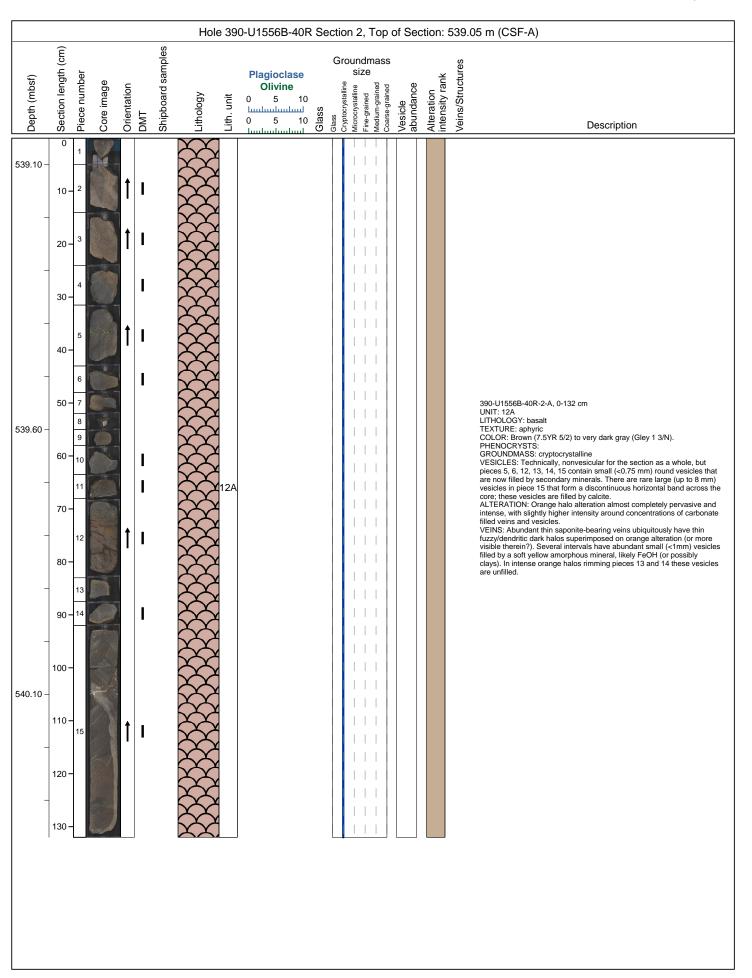


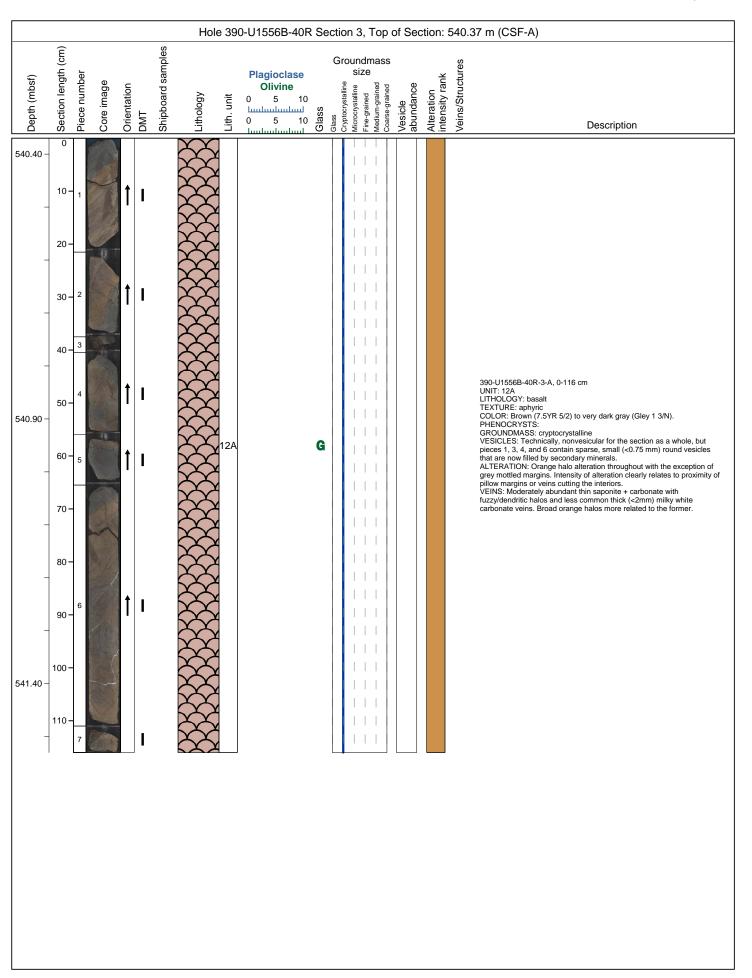


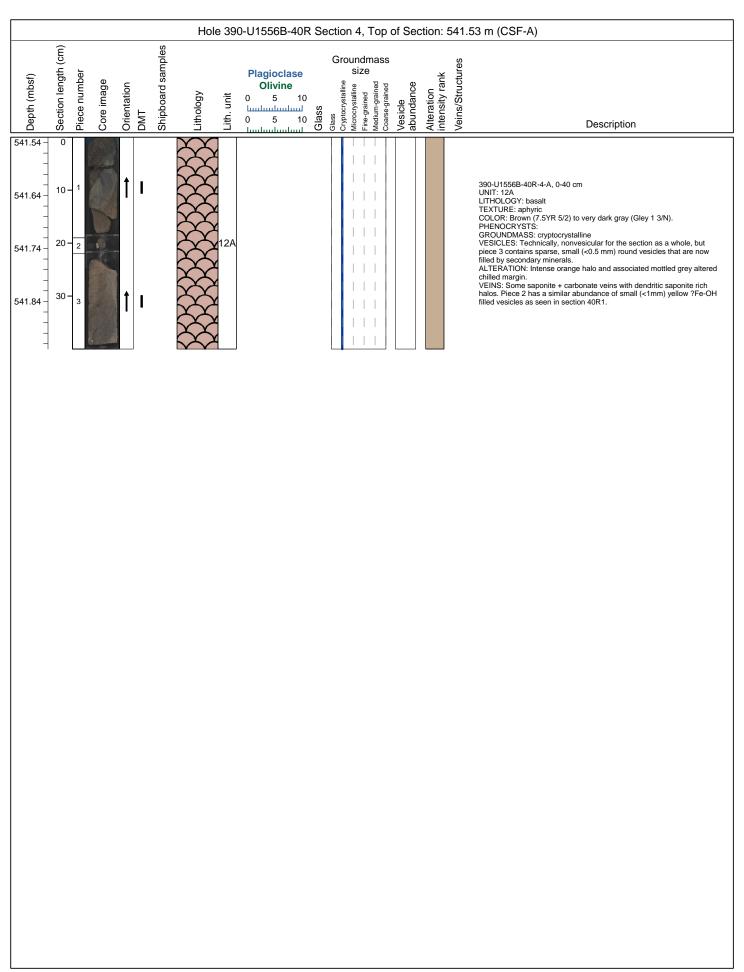


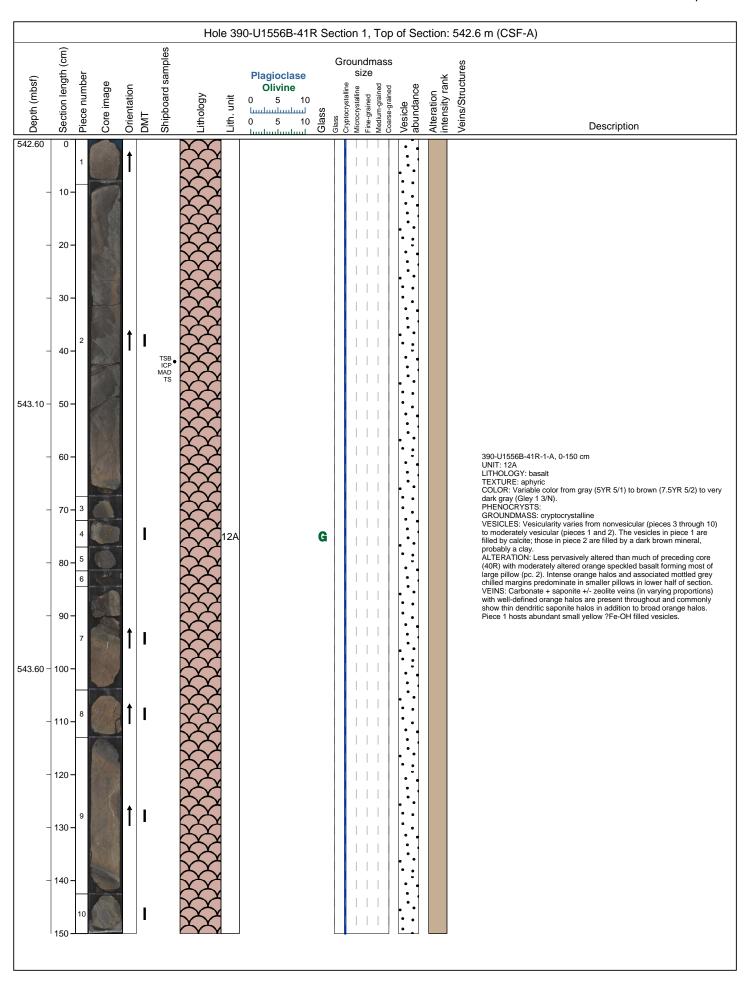


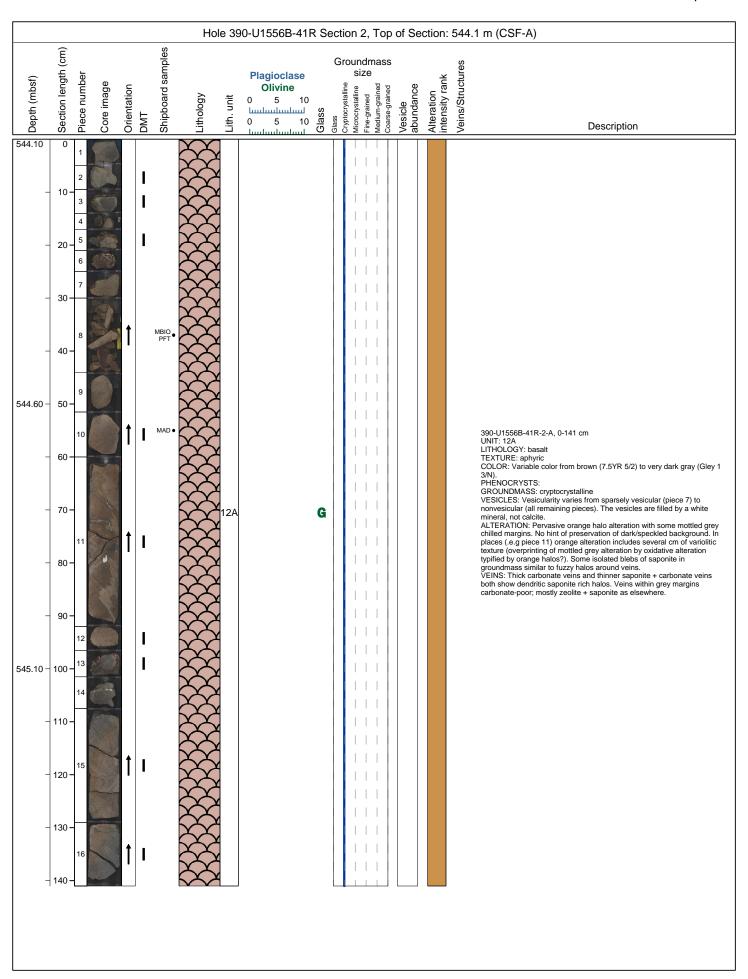


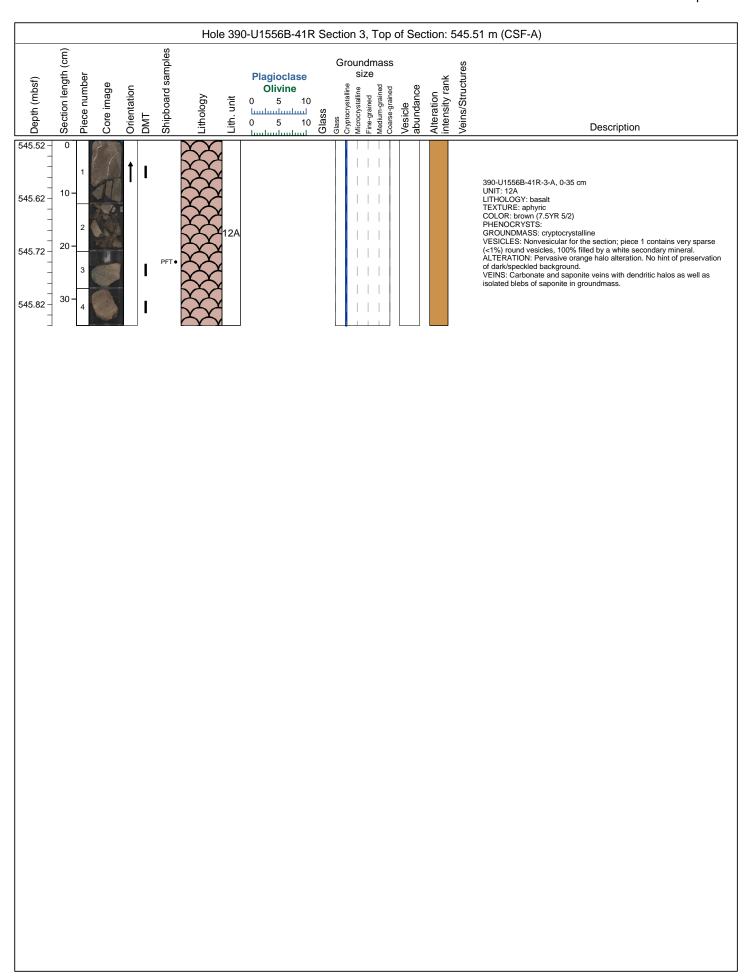


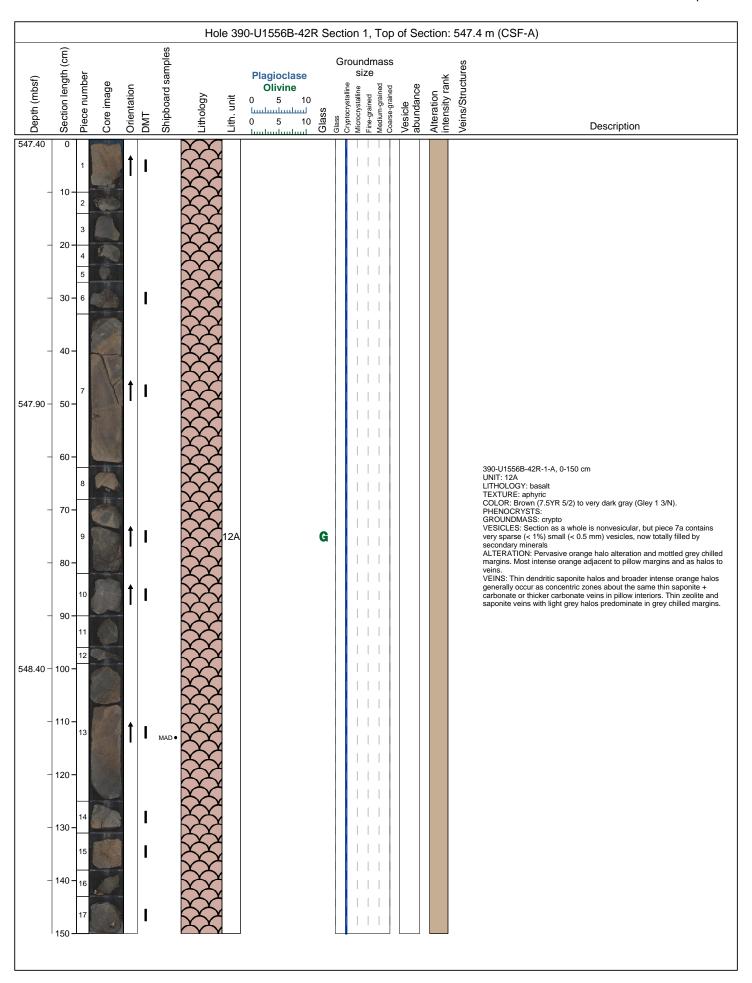


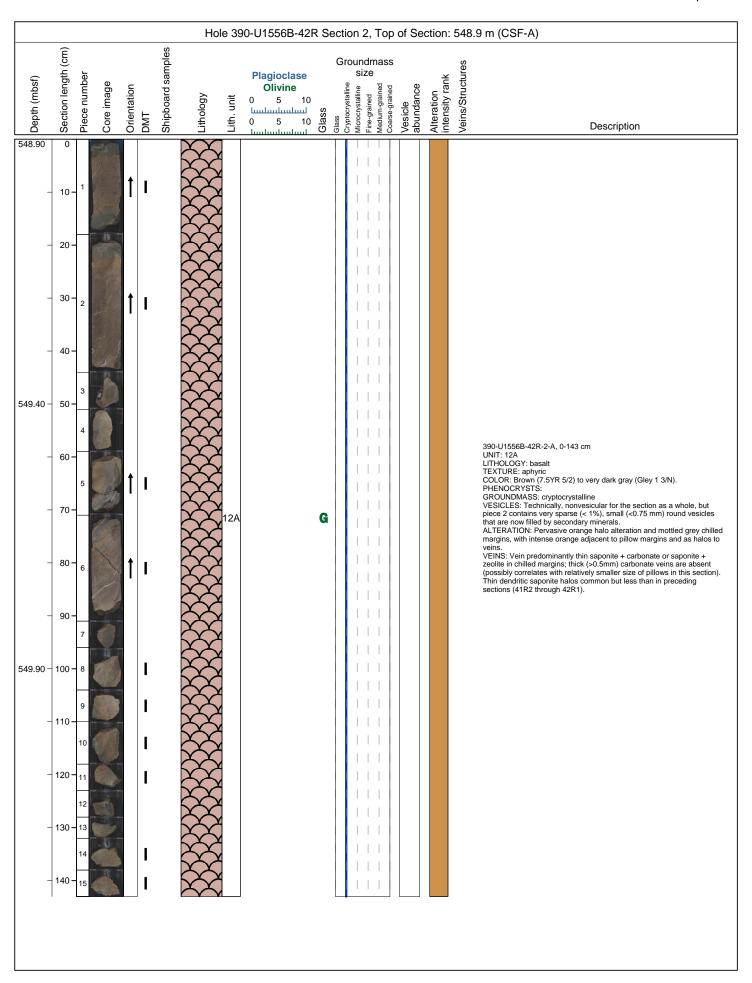


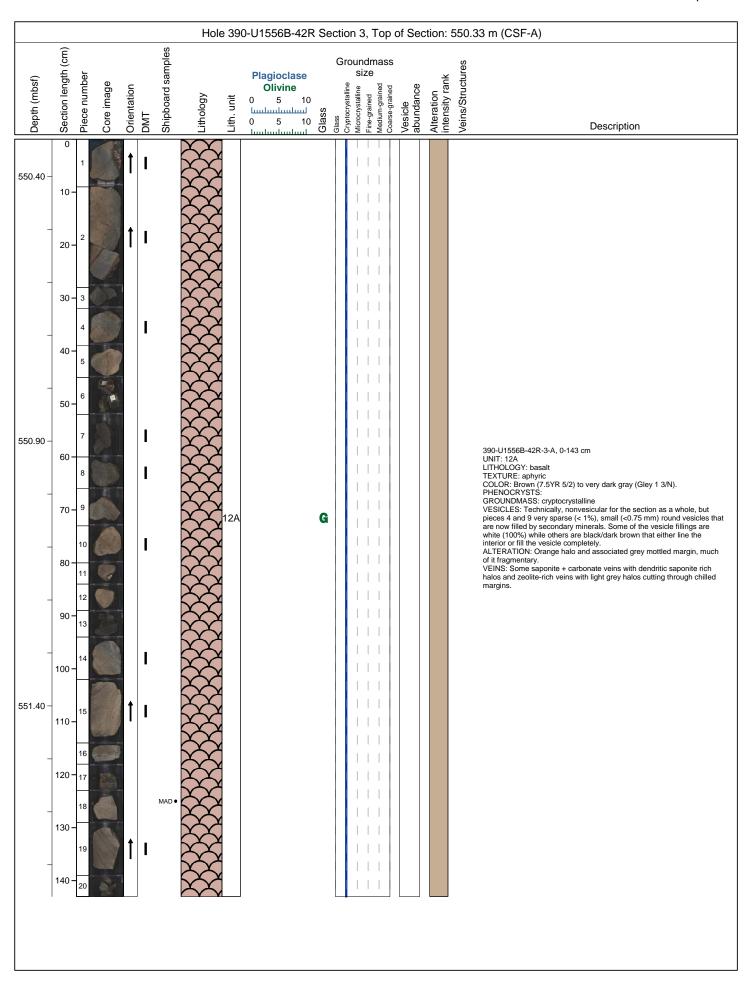


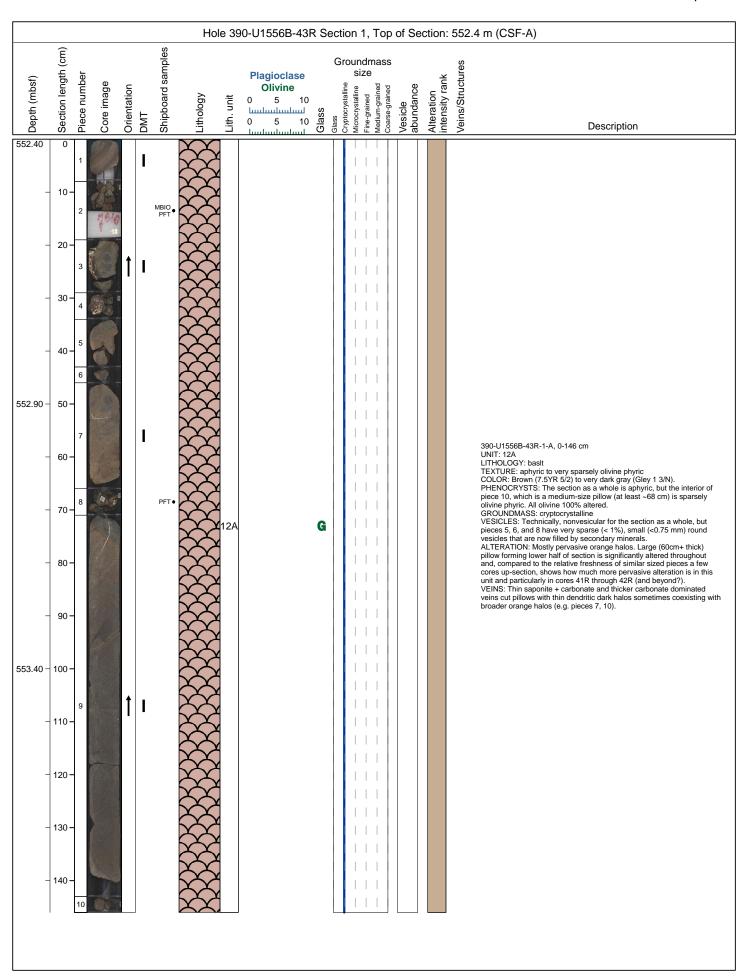


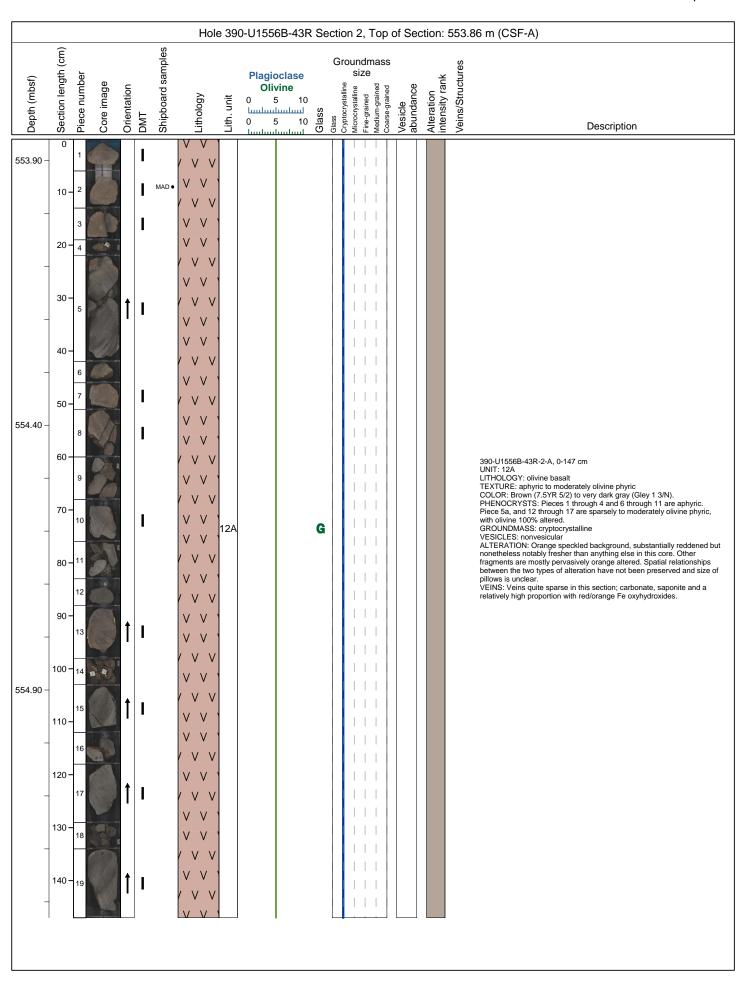


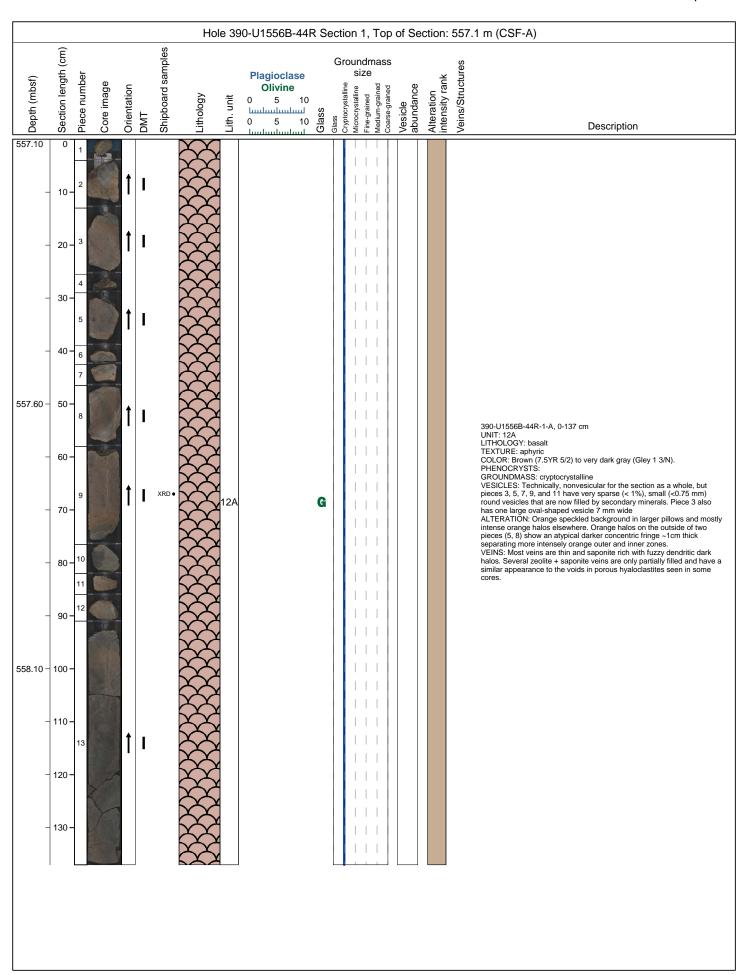


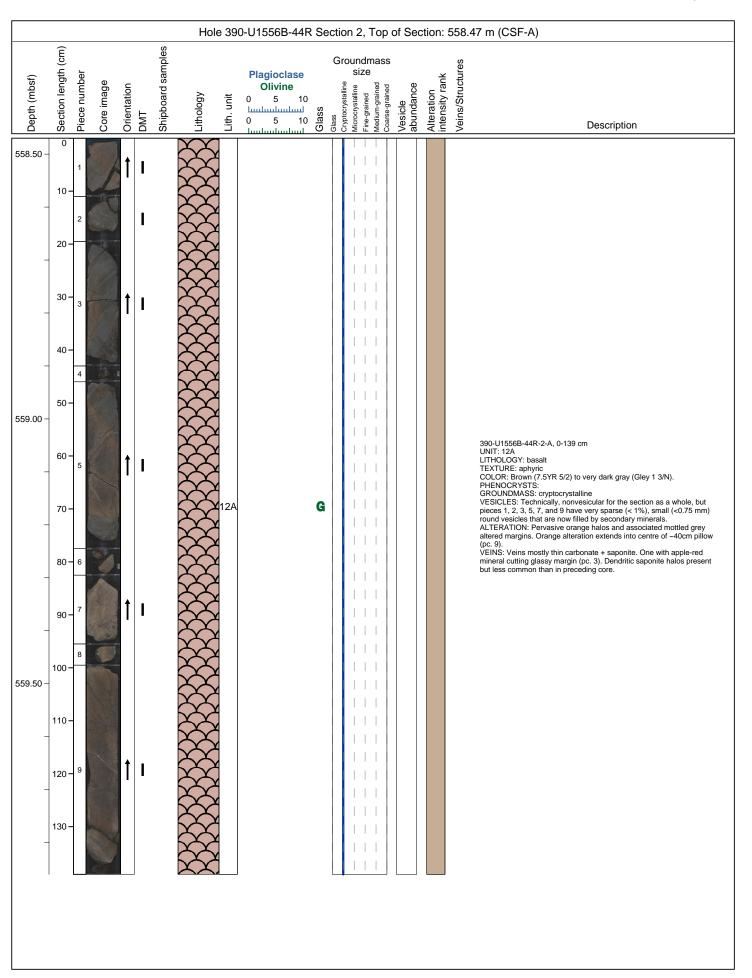


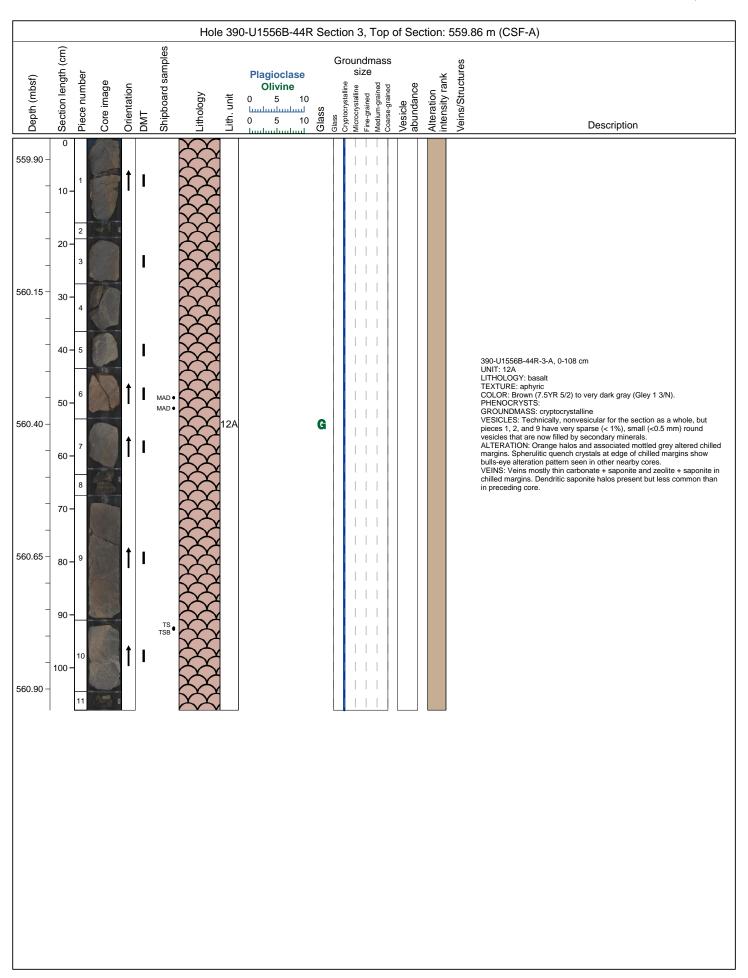


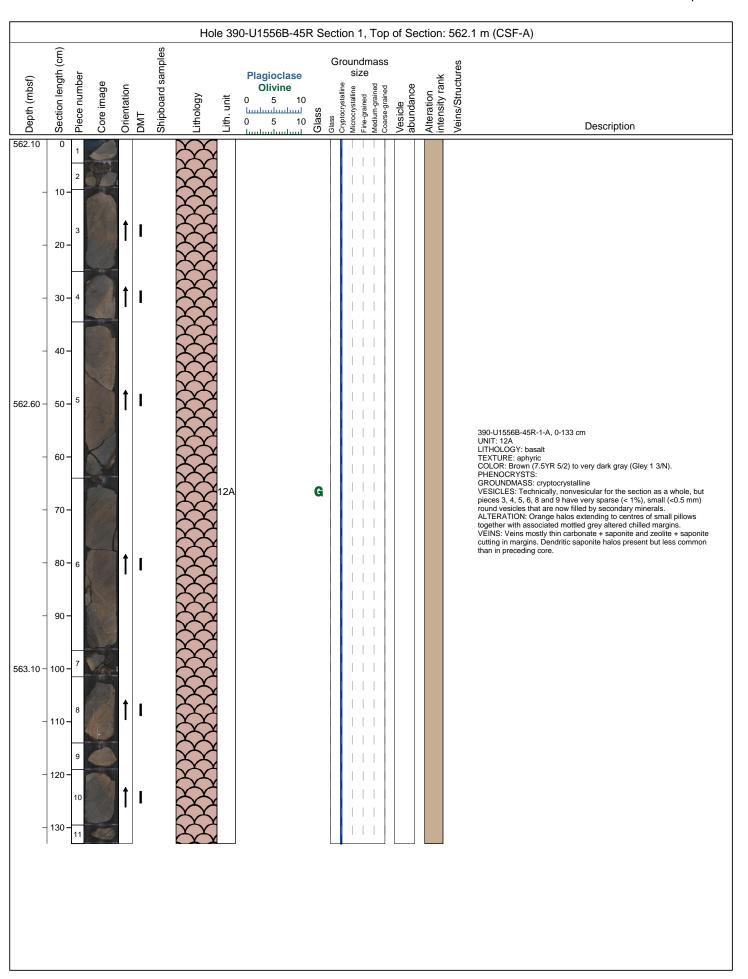


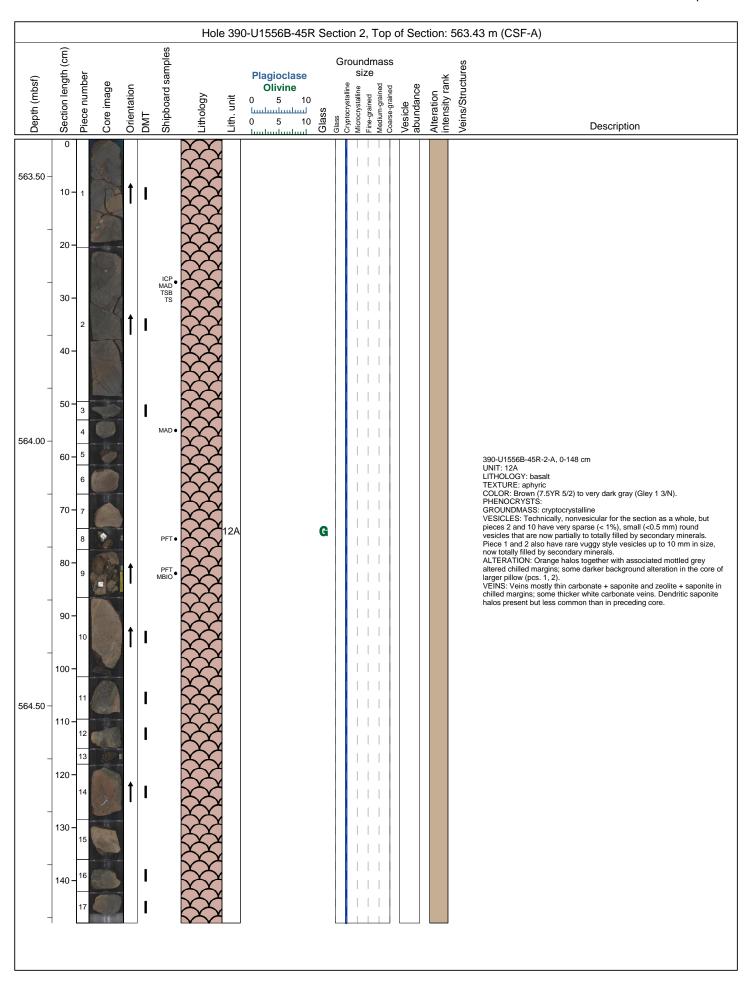




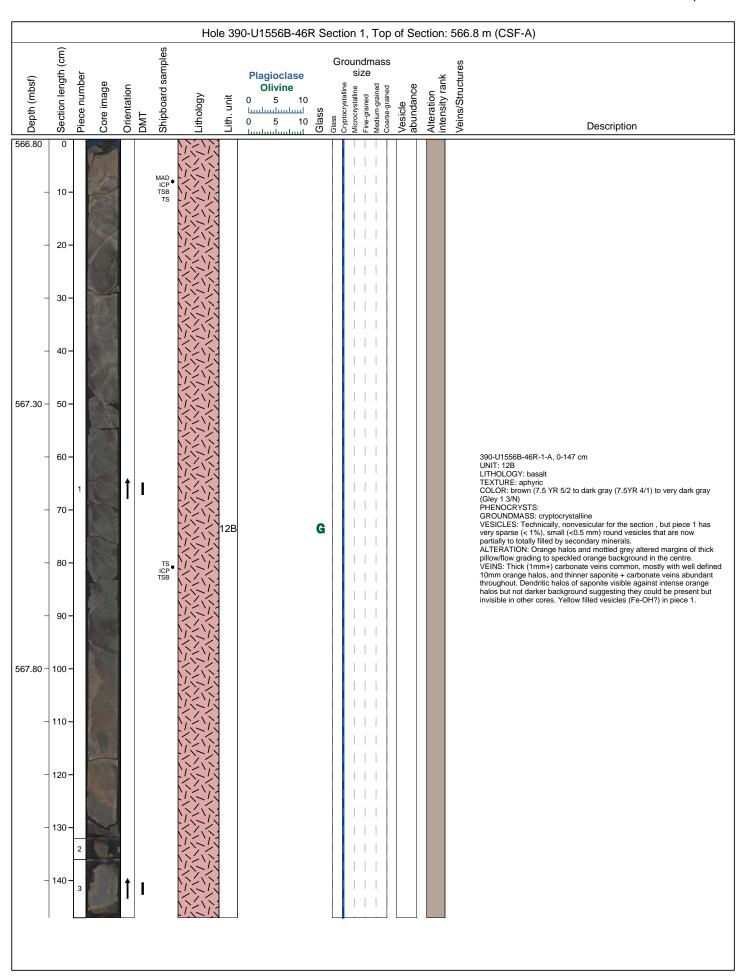


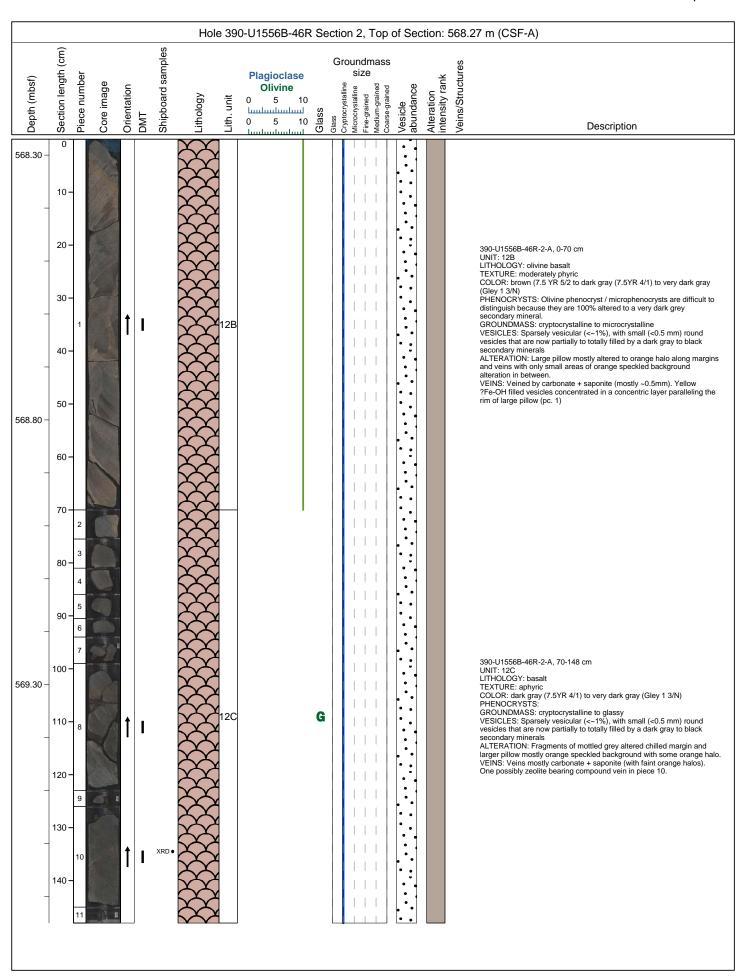


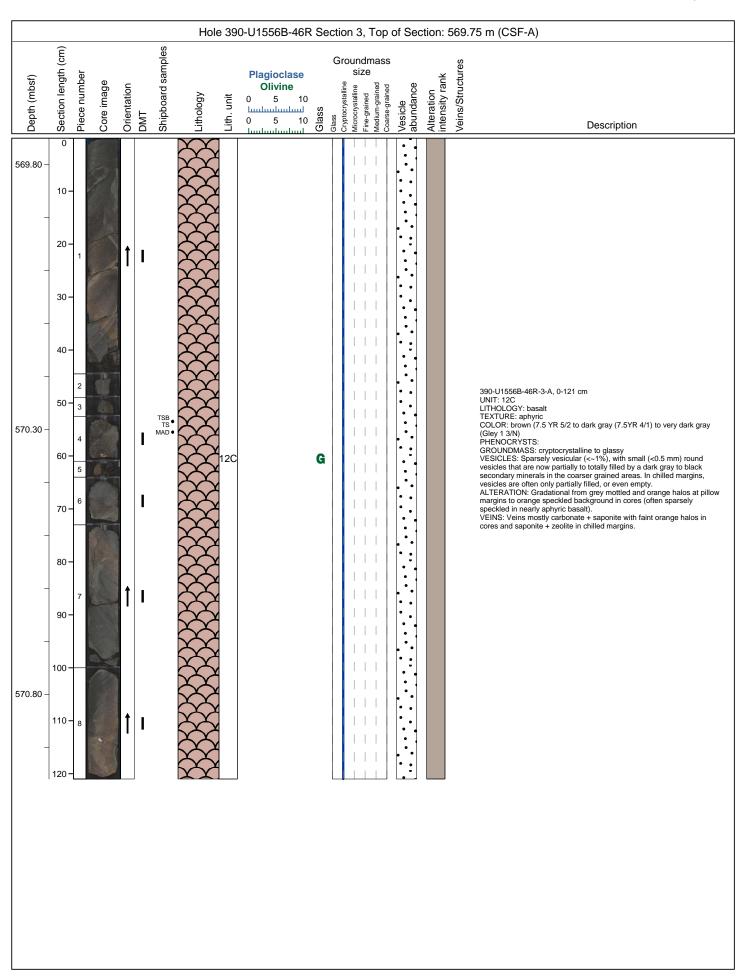


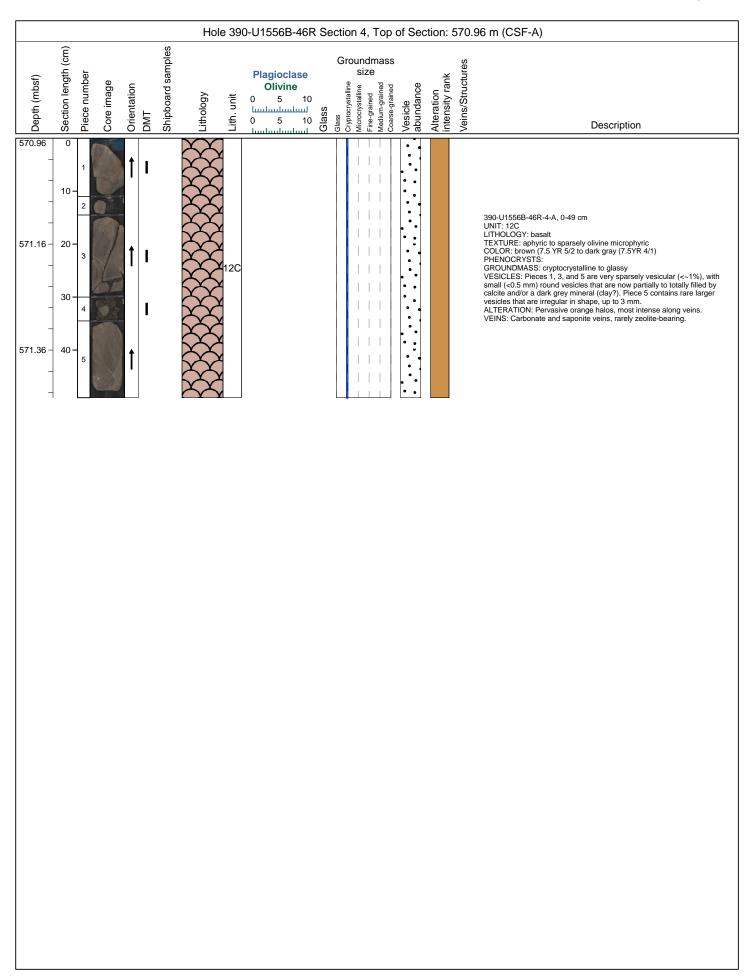


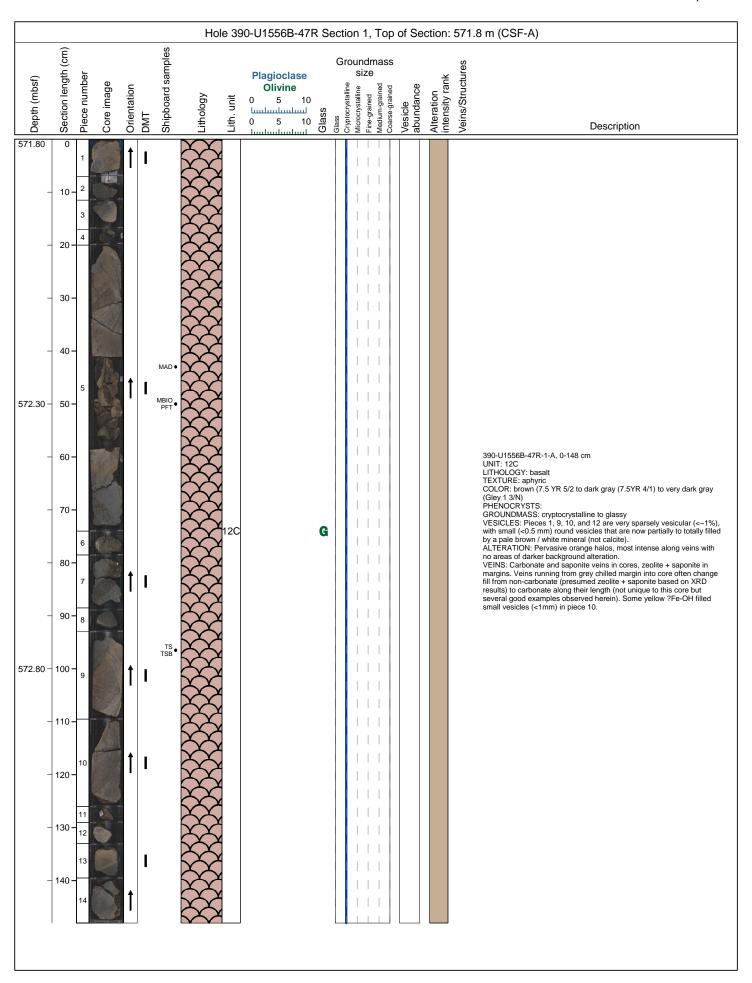
	Hole 390-U1556B-45R Section 3, Top of Section: 564.91 m (CSF-A)															
Depth (mbsf)	Section length (cm)	Piece number	Core image	Orientation	DMT Shiphoard camples			Plagioclase Olivine 0 5 10		Gro	Microcrystalline Sispensial Applications and Microcrystalline Sispensial Applications (Microcrystalline Sispensial Applications)	nass	Vesicle abundance	Alteration intensity rank	Veins/Structures	Description
564.91 - 564.93 - 564.95 -				П			12A		io G				Ve ab	At At I was a second of the se		390-U1556B-45R-3-A, 0-5 cm UNIT: 12A LITHOLOGY: basalt TEXTURE: aphyric COLOR: very dark gray (Gley 1 3N). PHENORYSTS: GROINDMASS: cryptocrystalline VESICLES: ALTERATION: Fragment of grey altered margin VEINS:

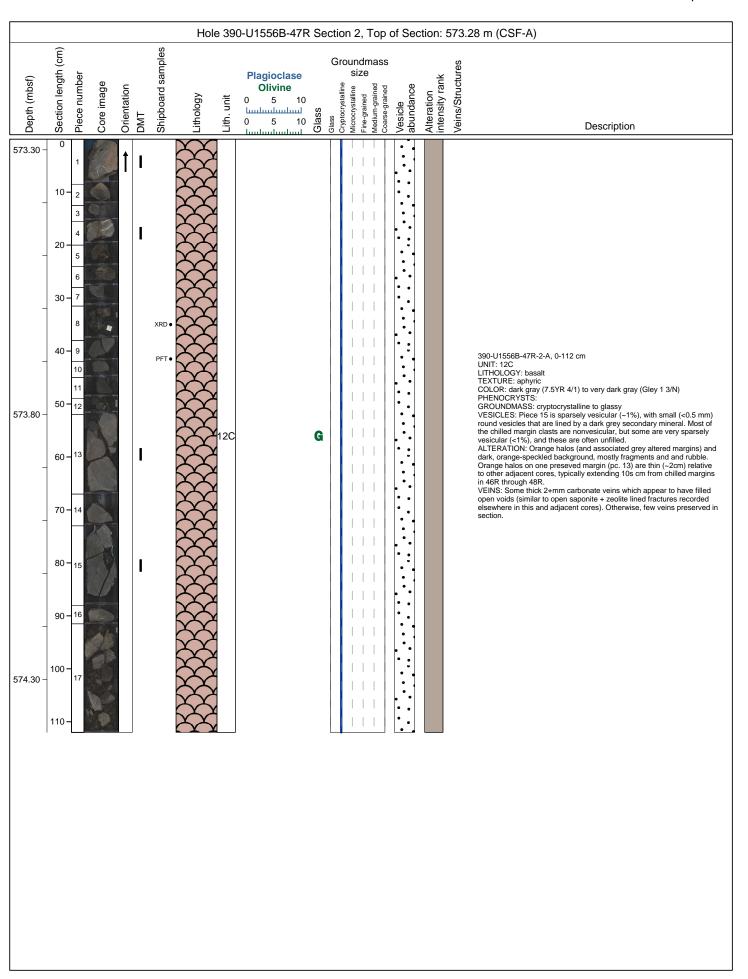


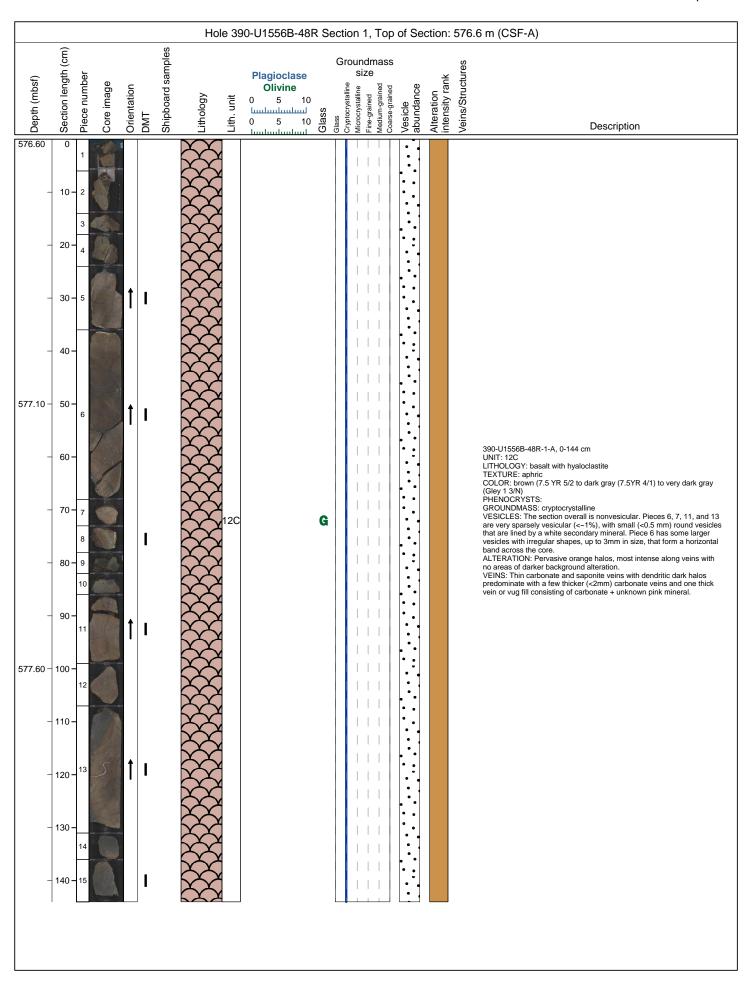


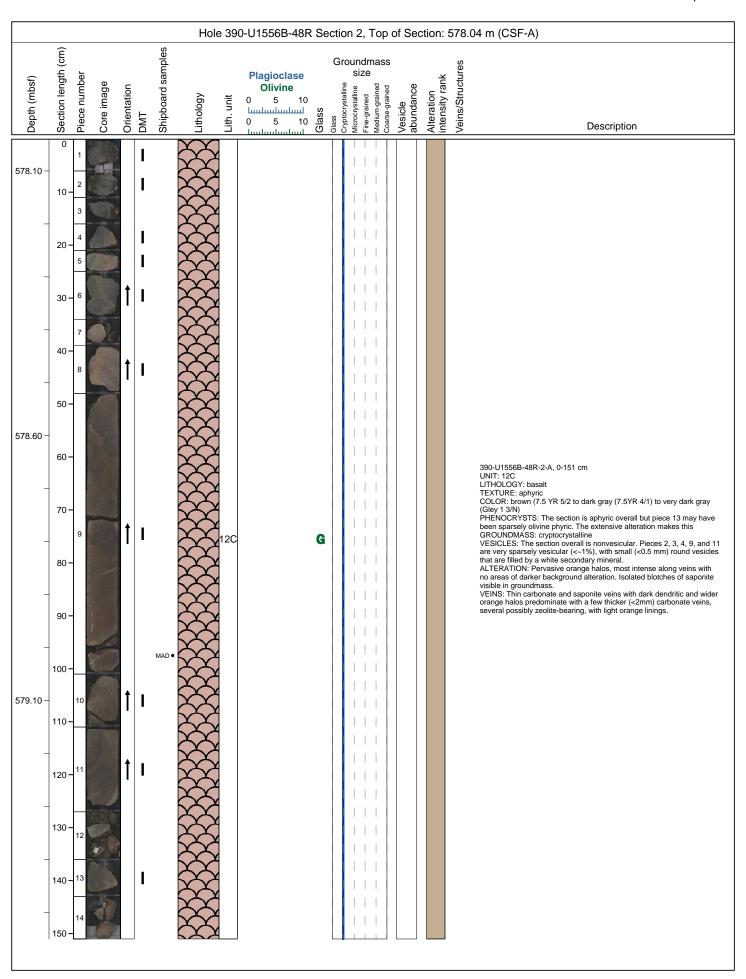


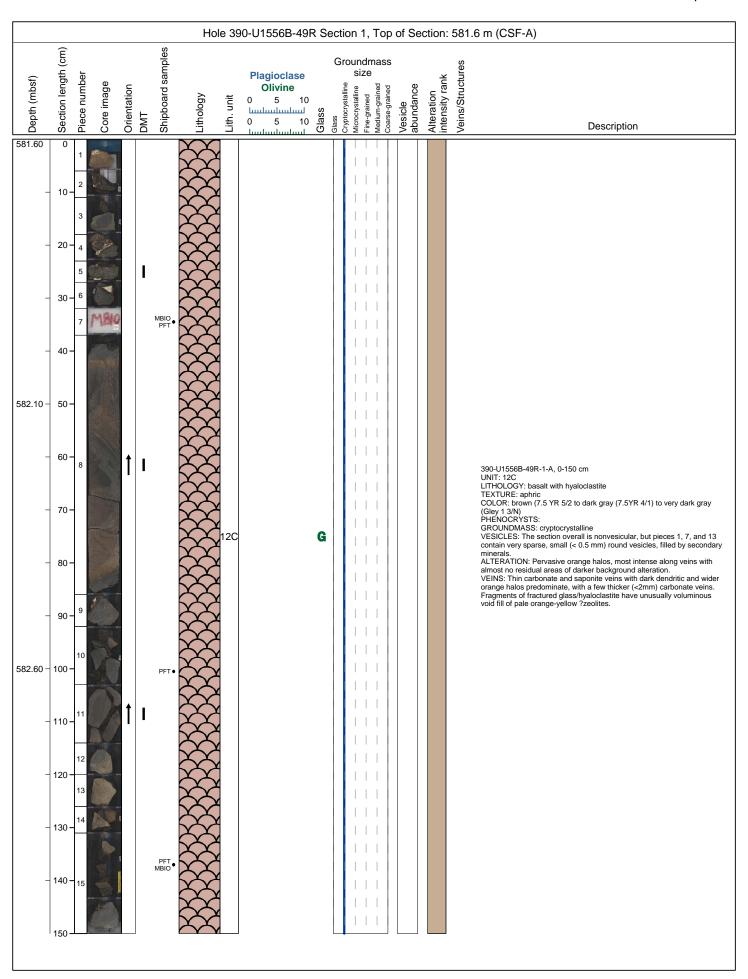


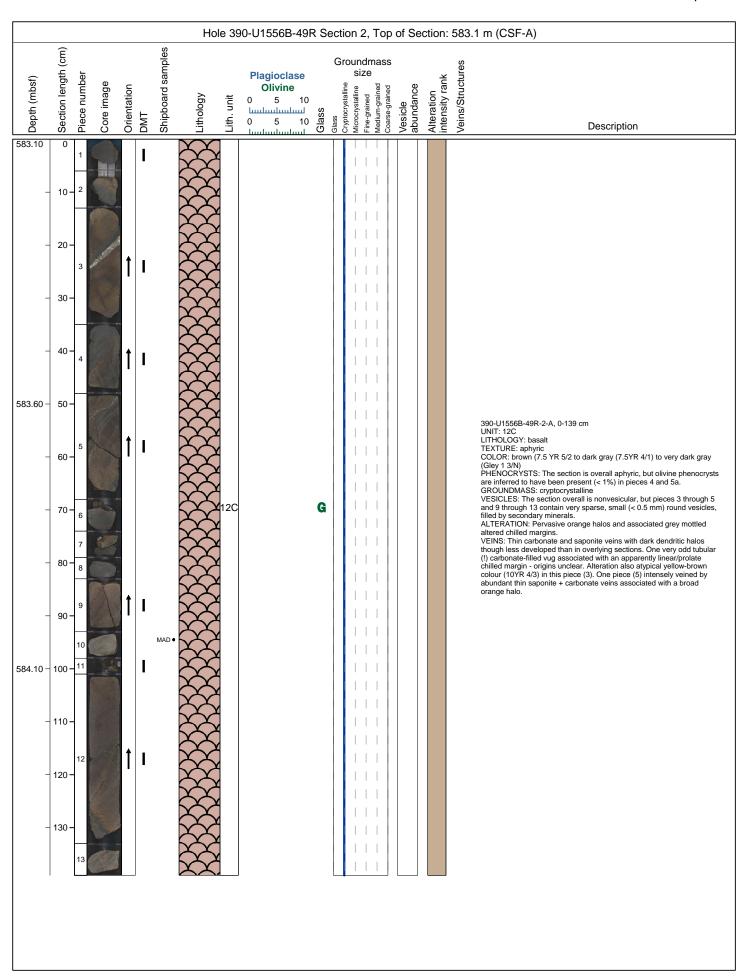


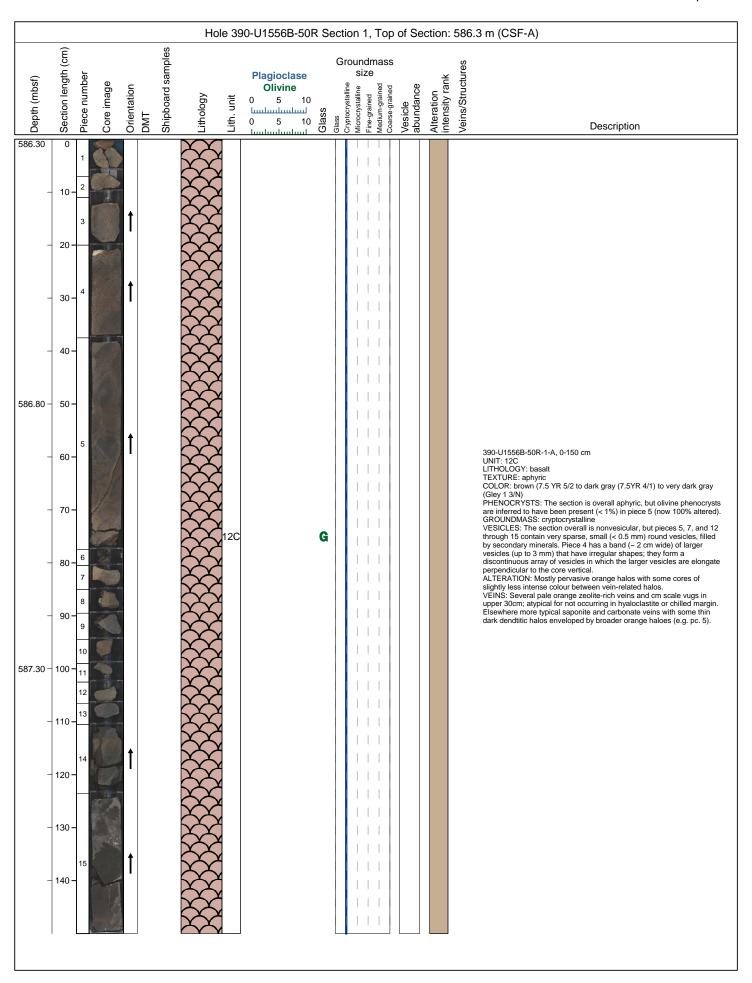


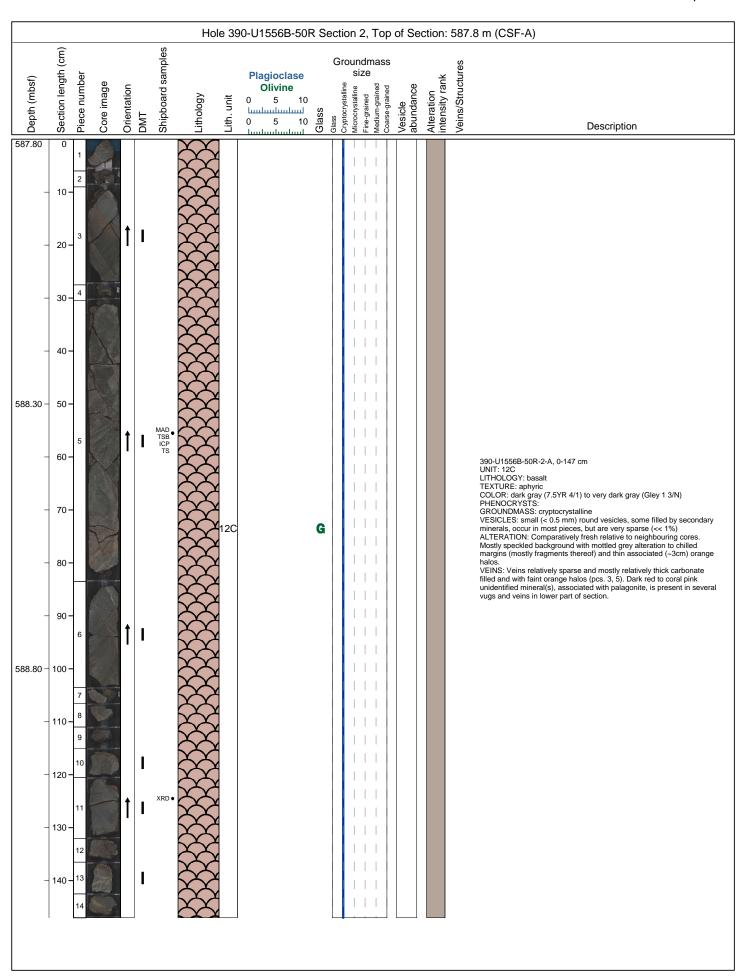


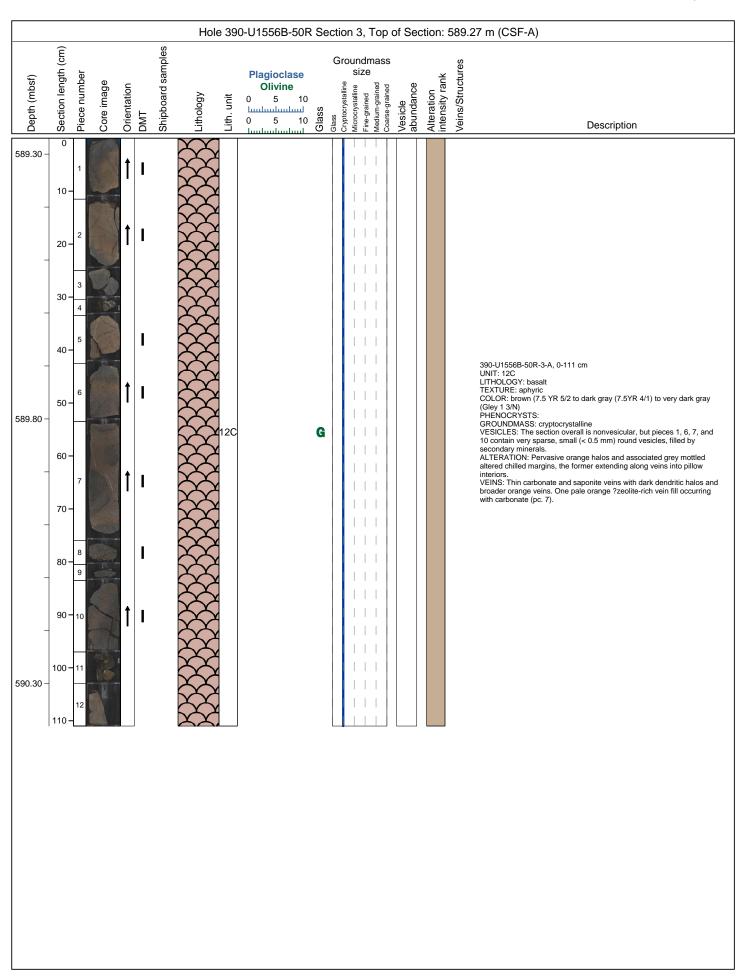


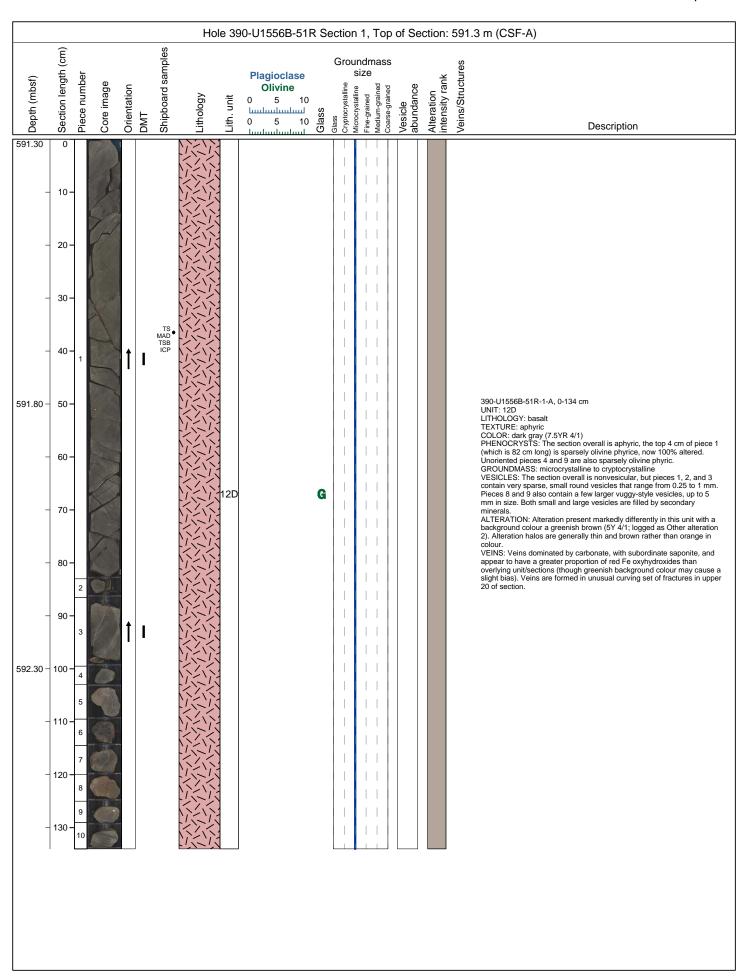


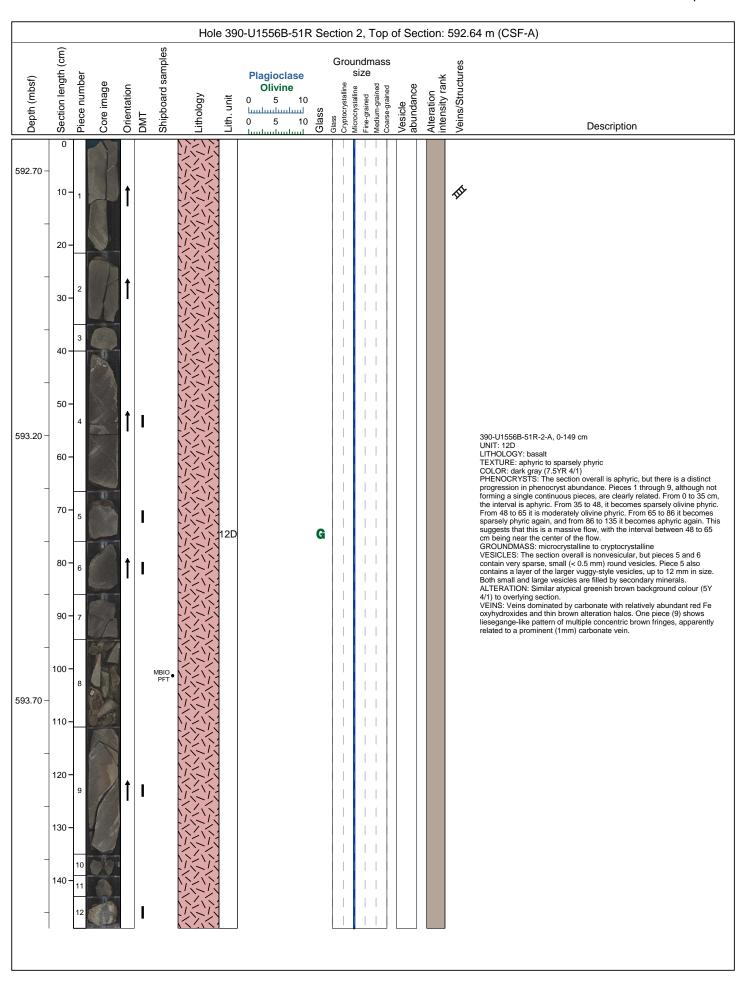


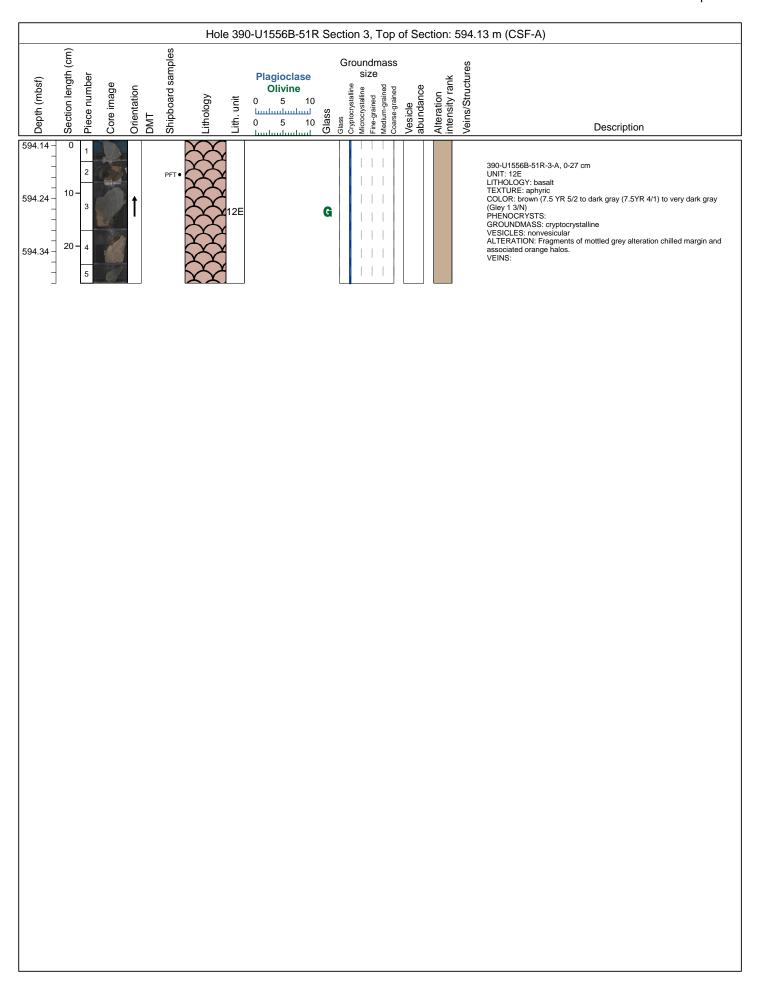


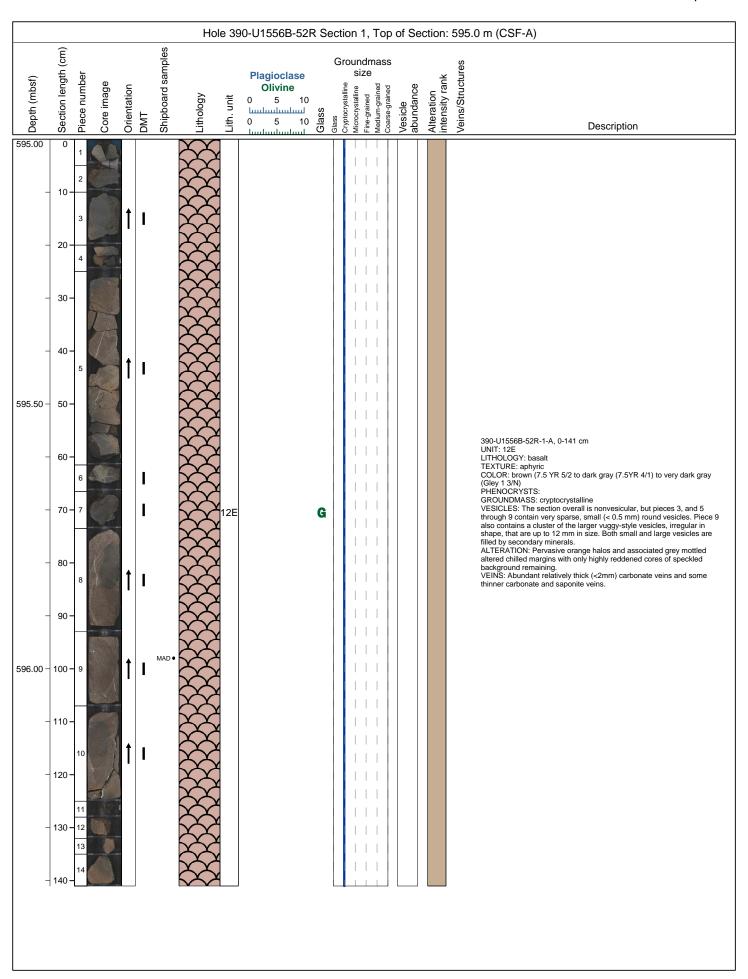


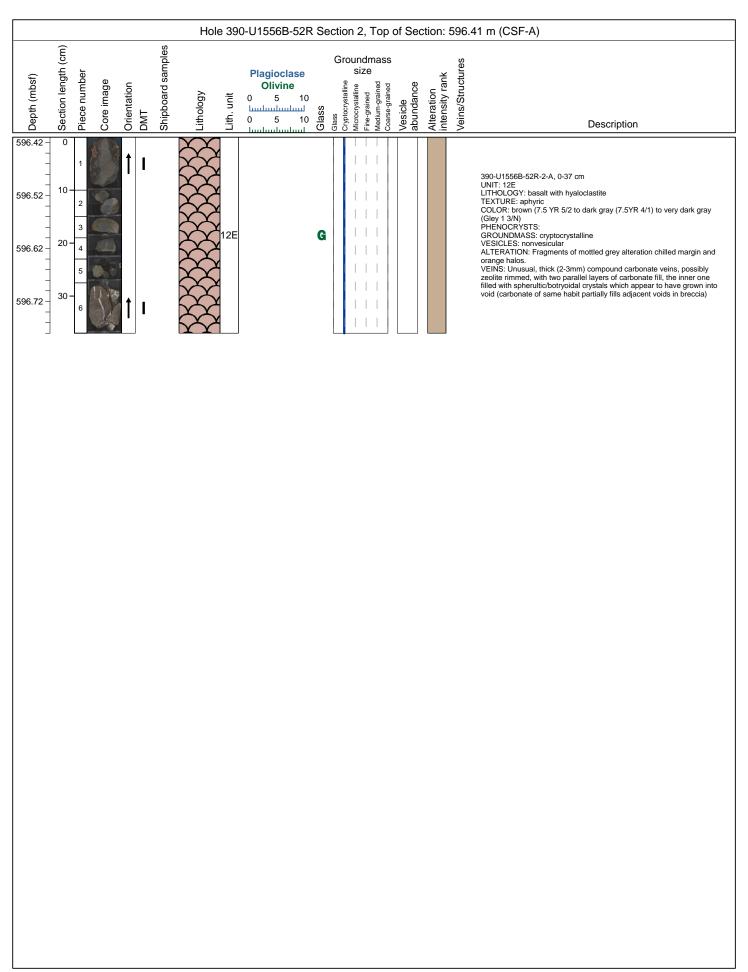


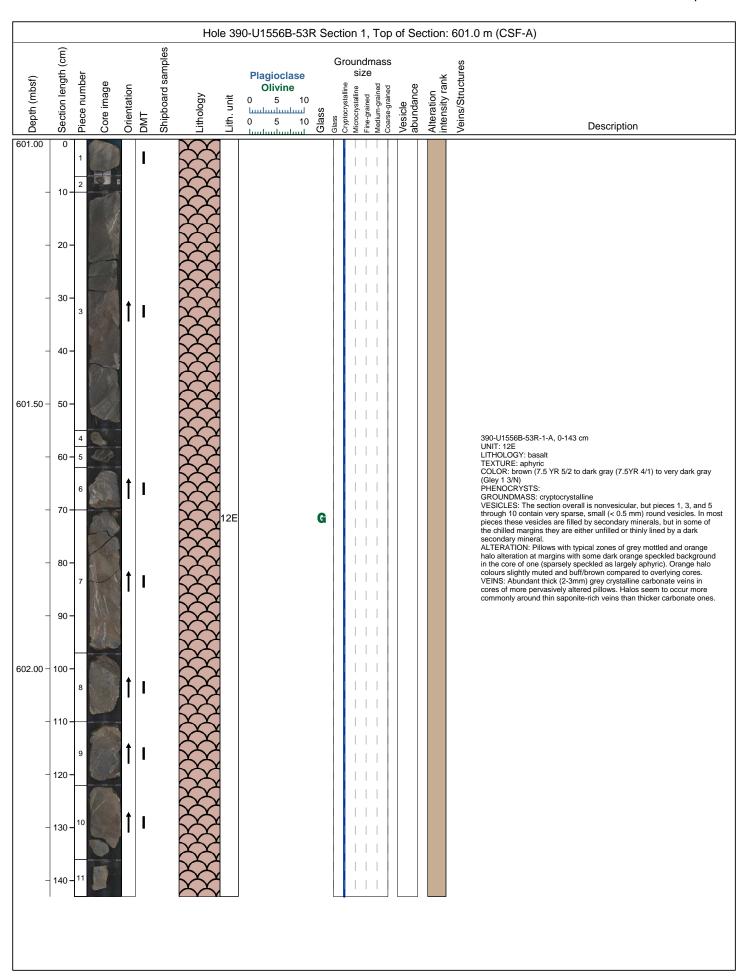


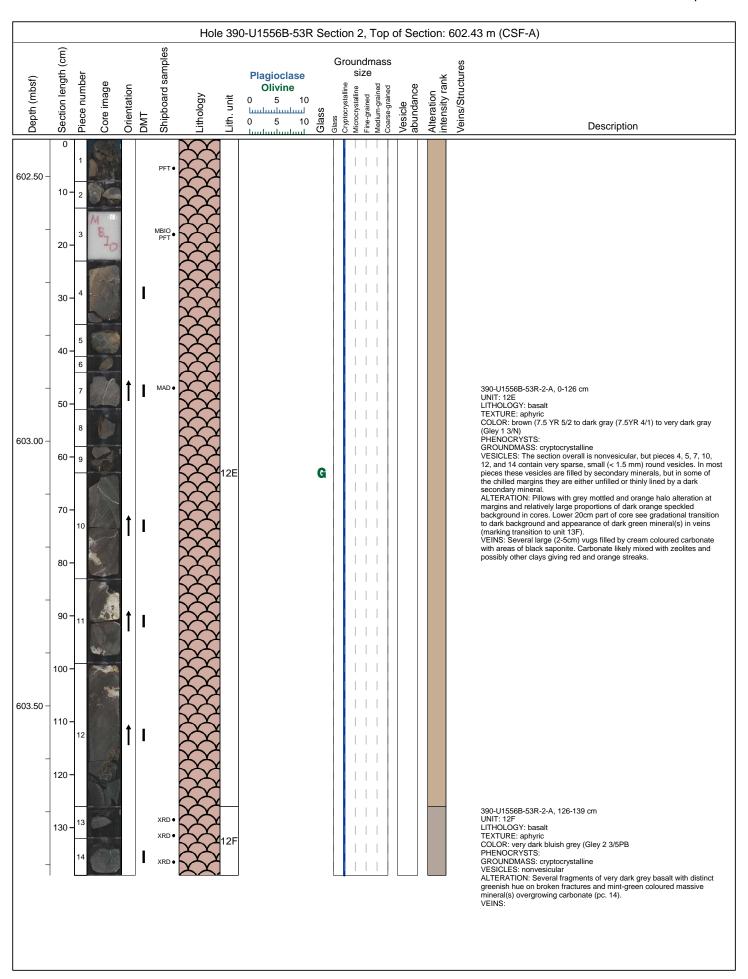


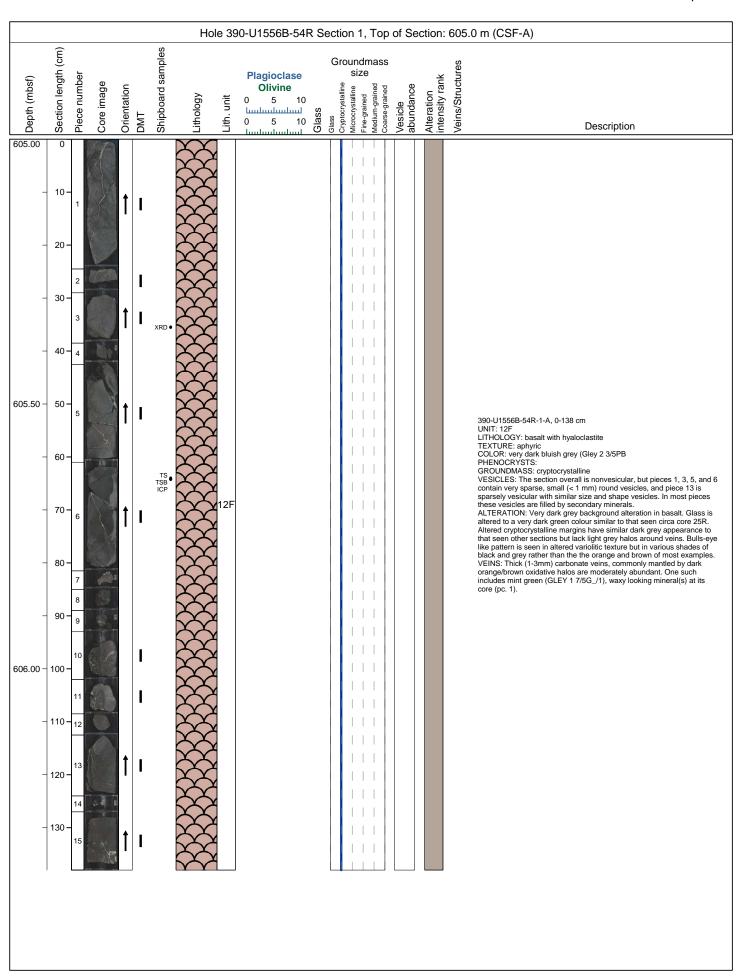


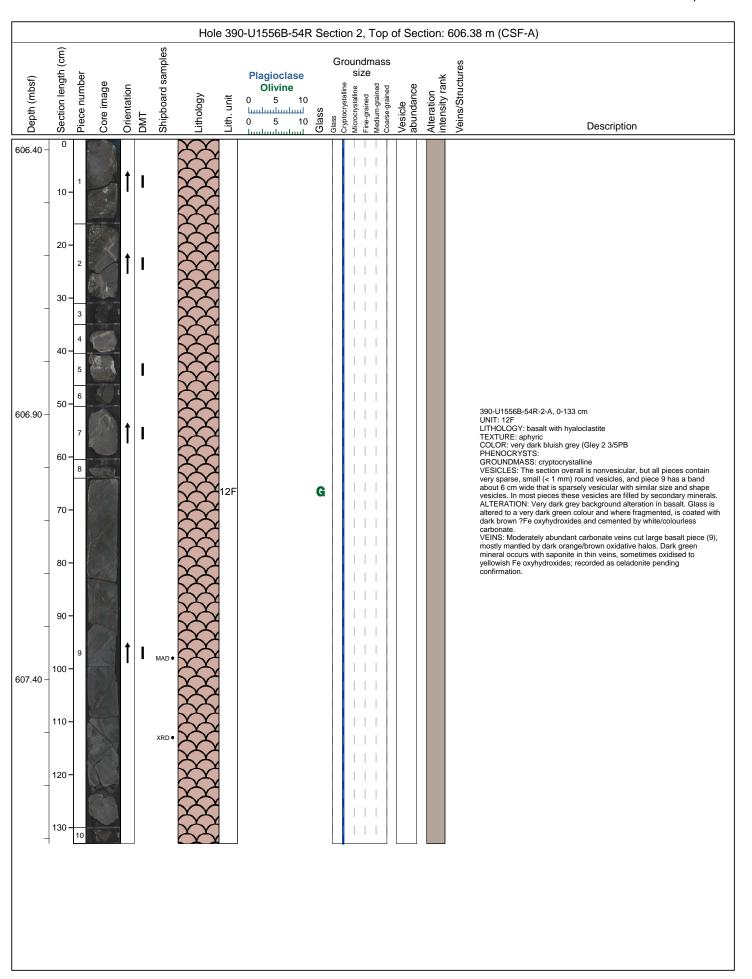


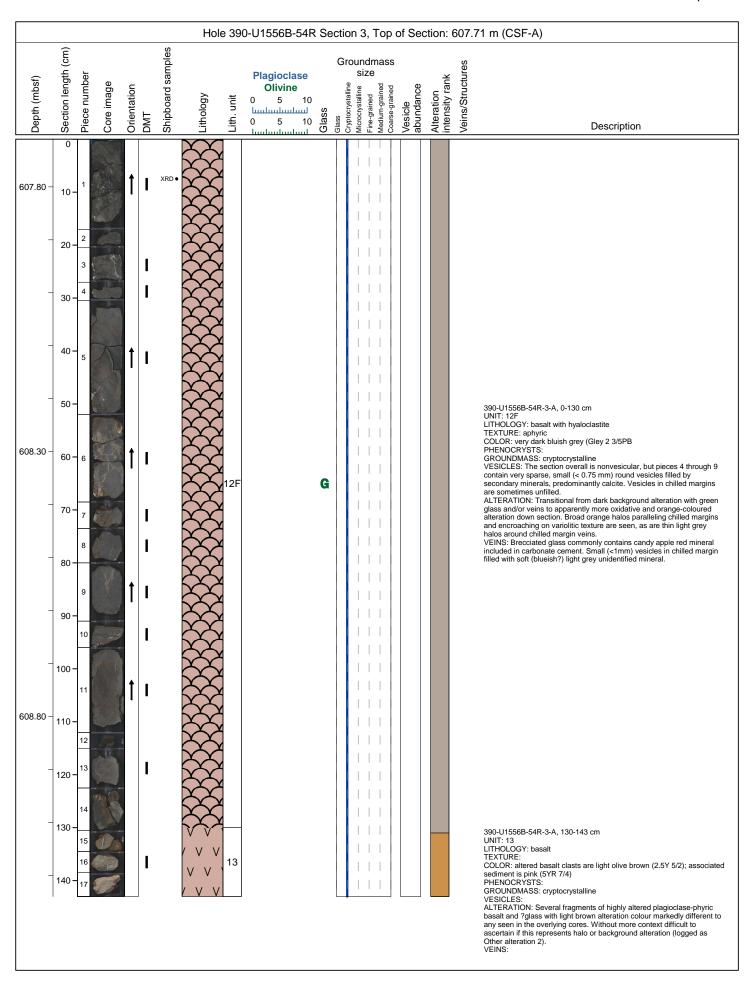


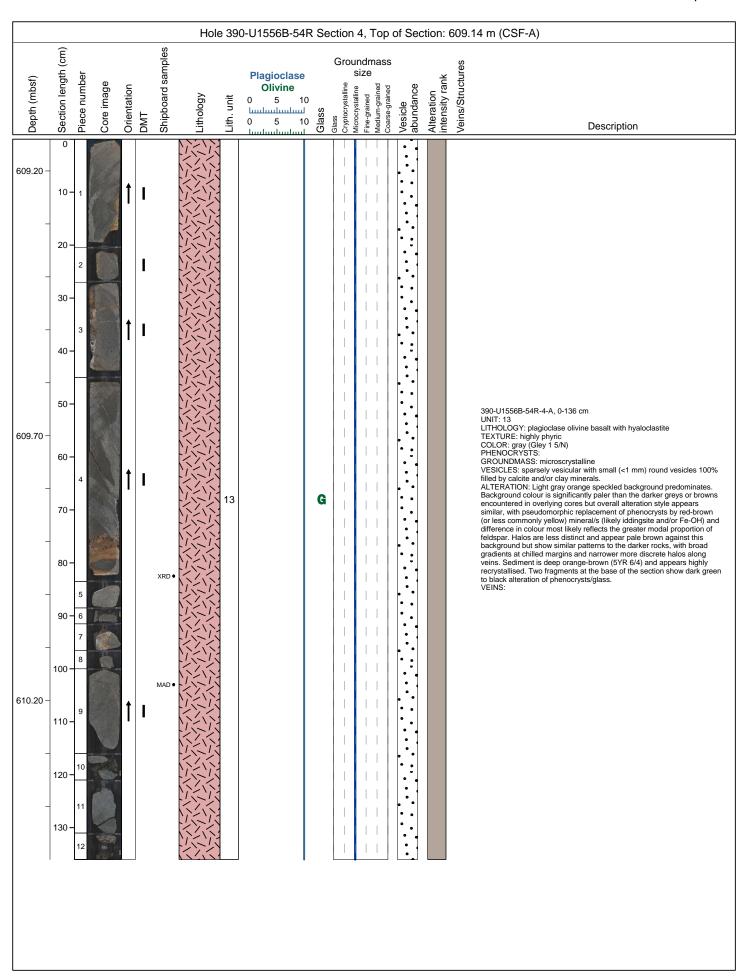


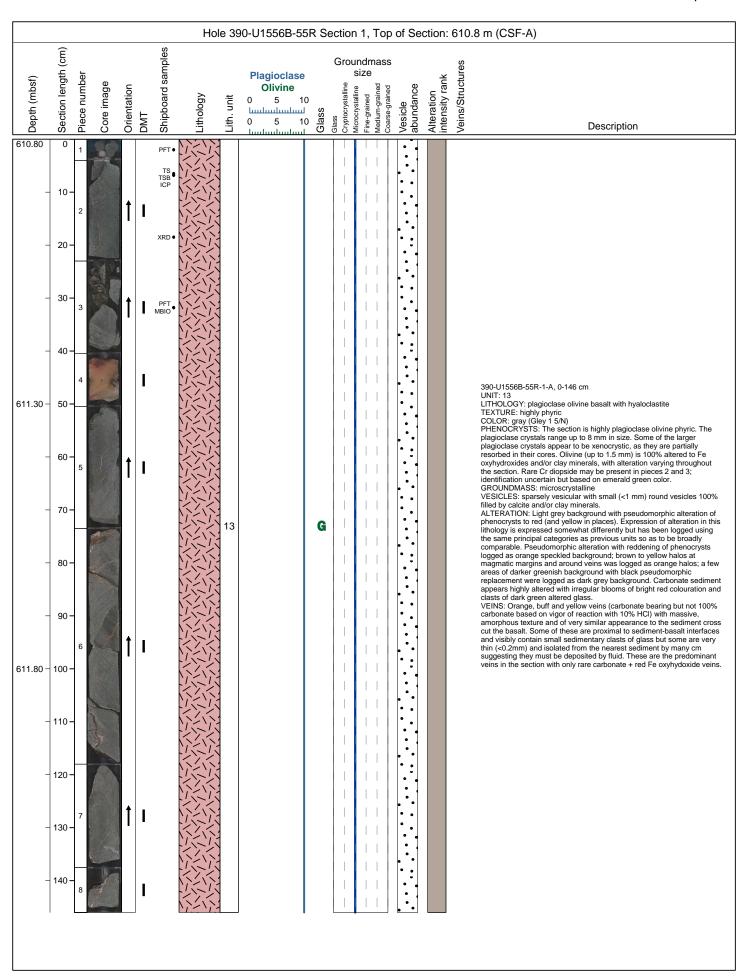


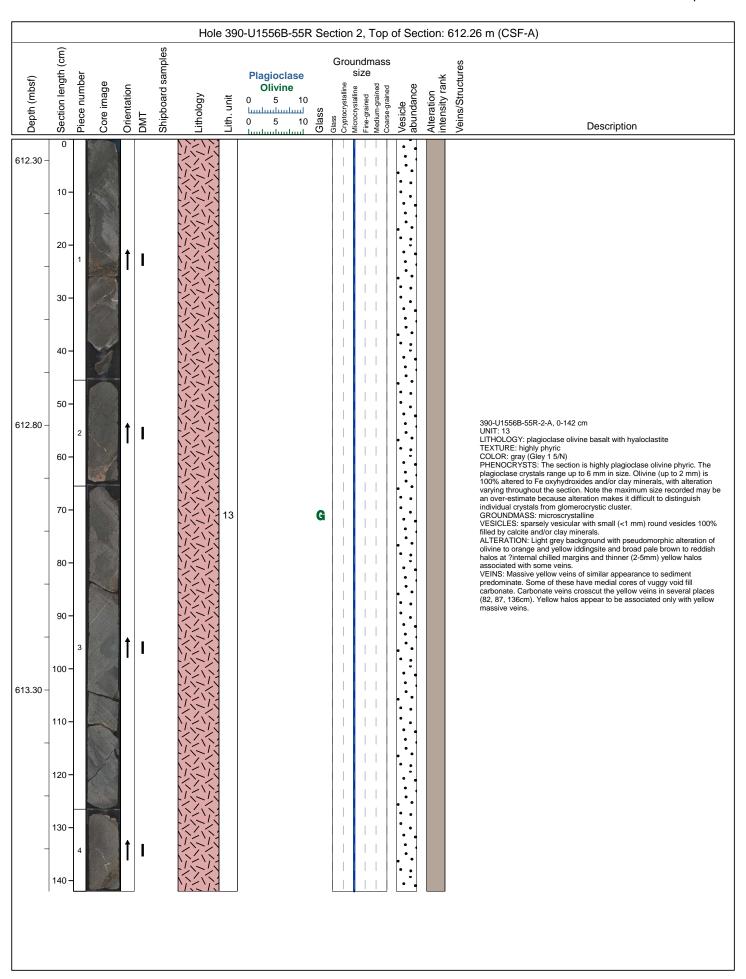


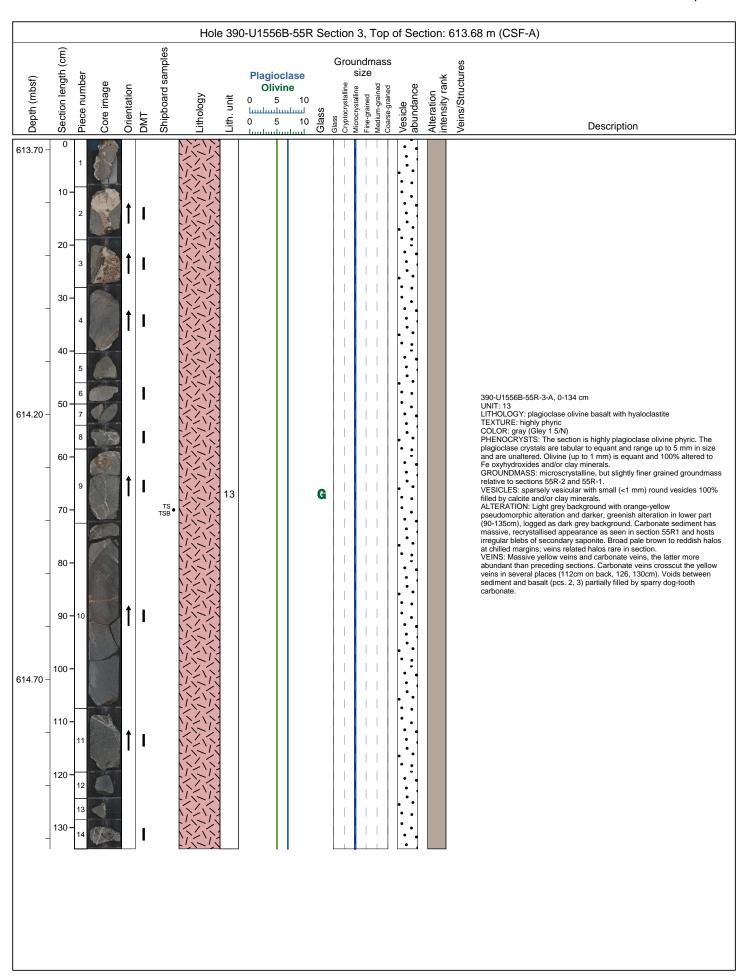


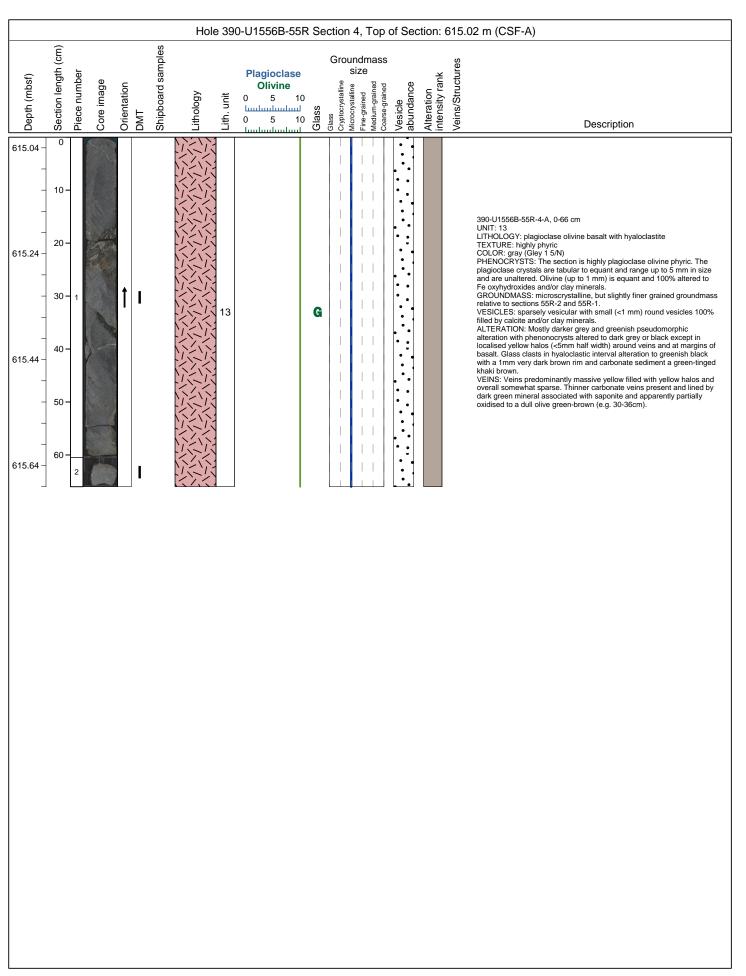


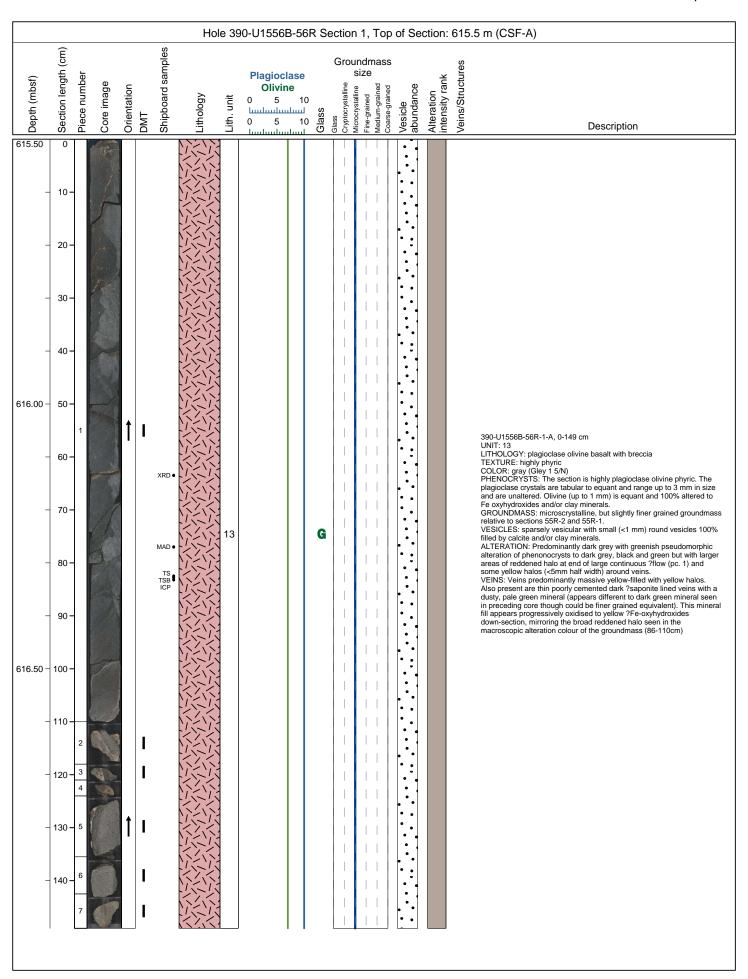


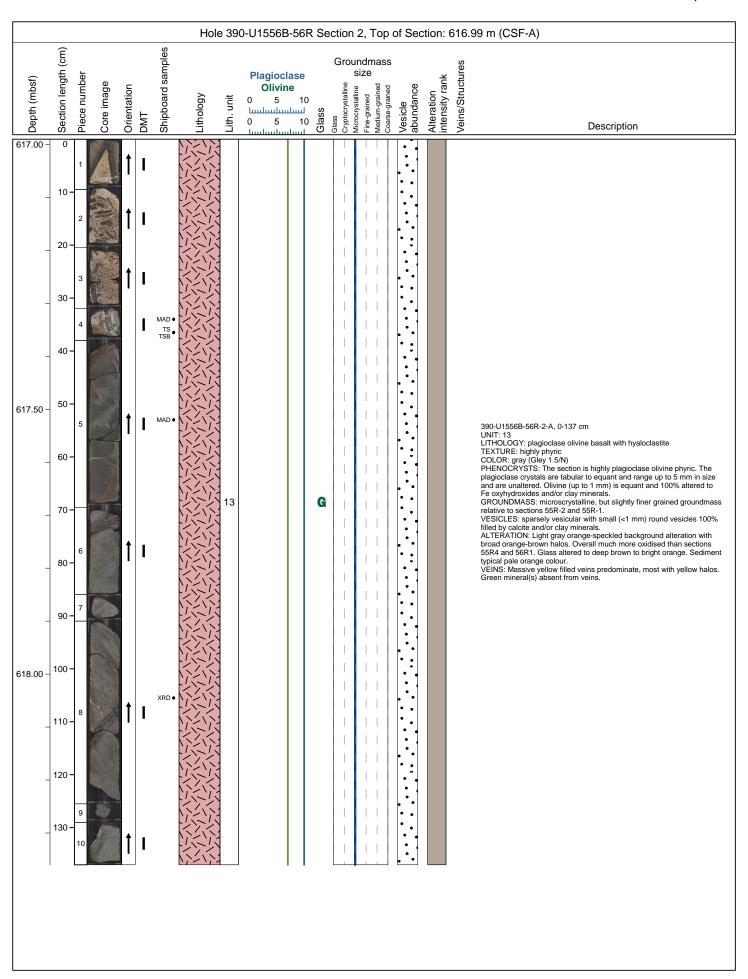


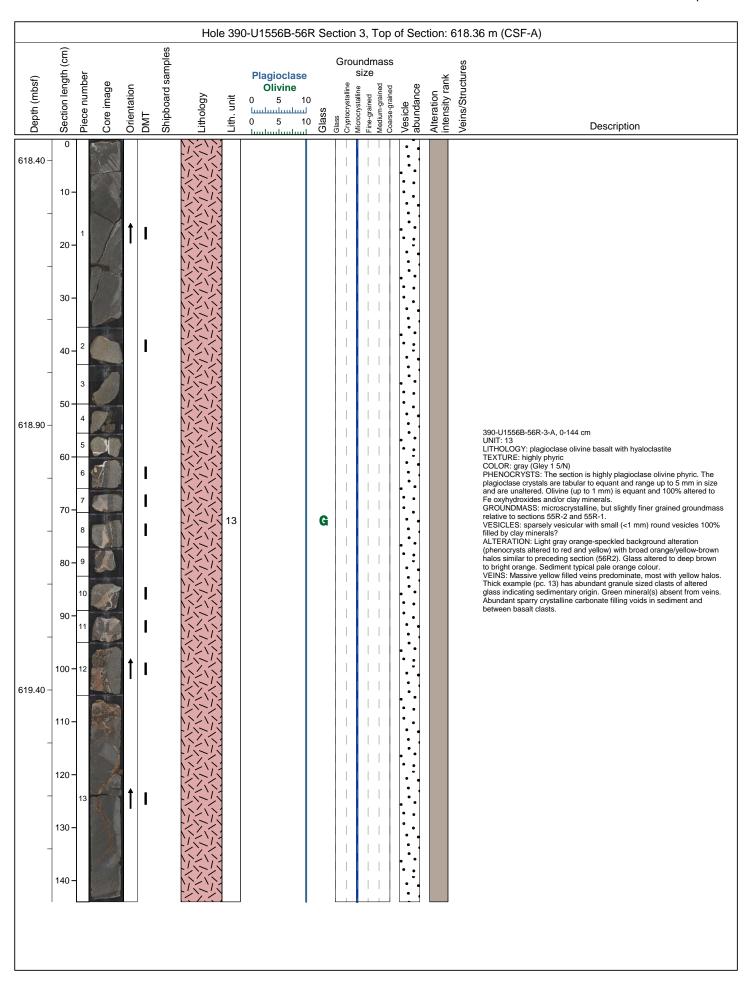


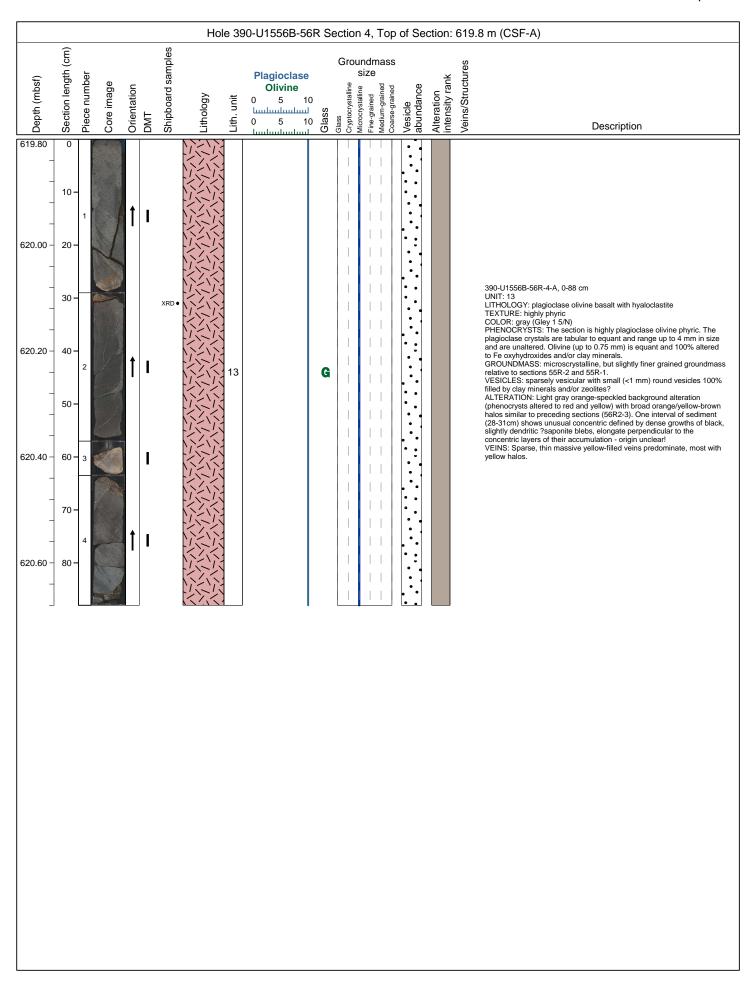


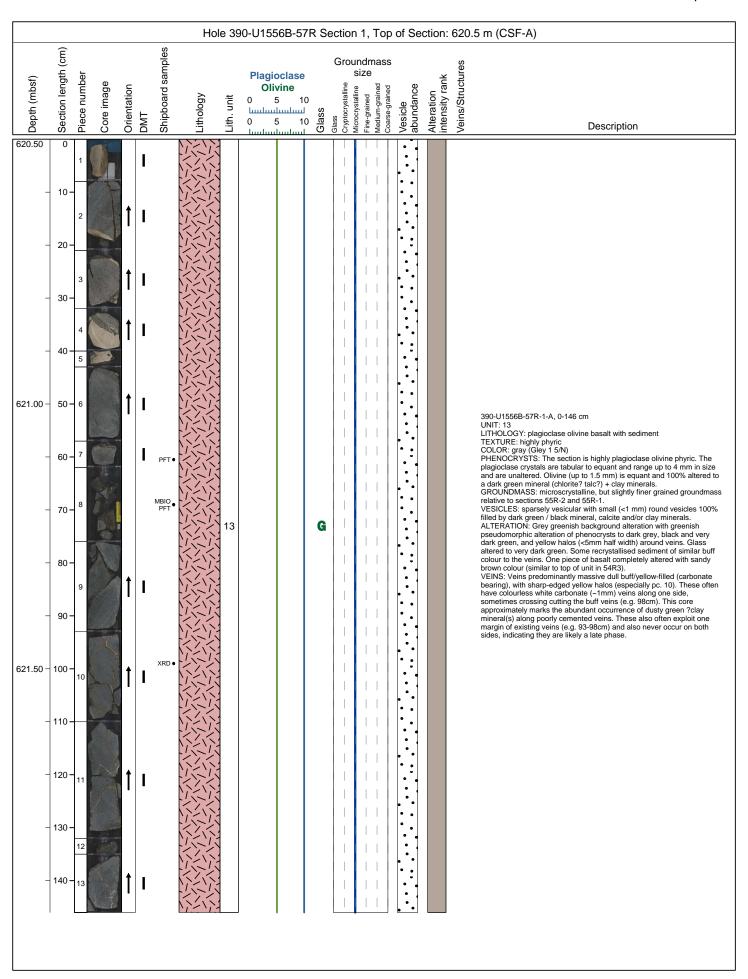


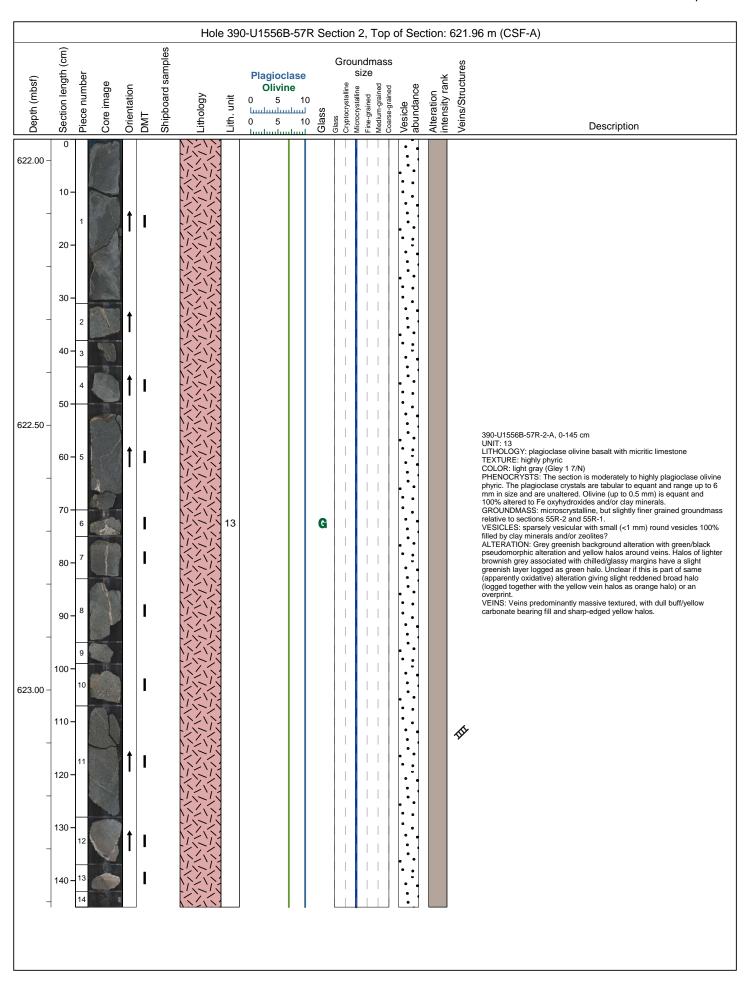


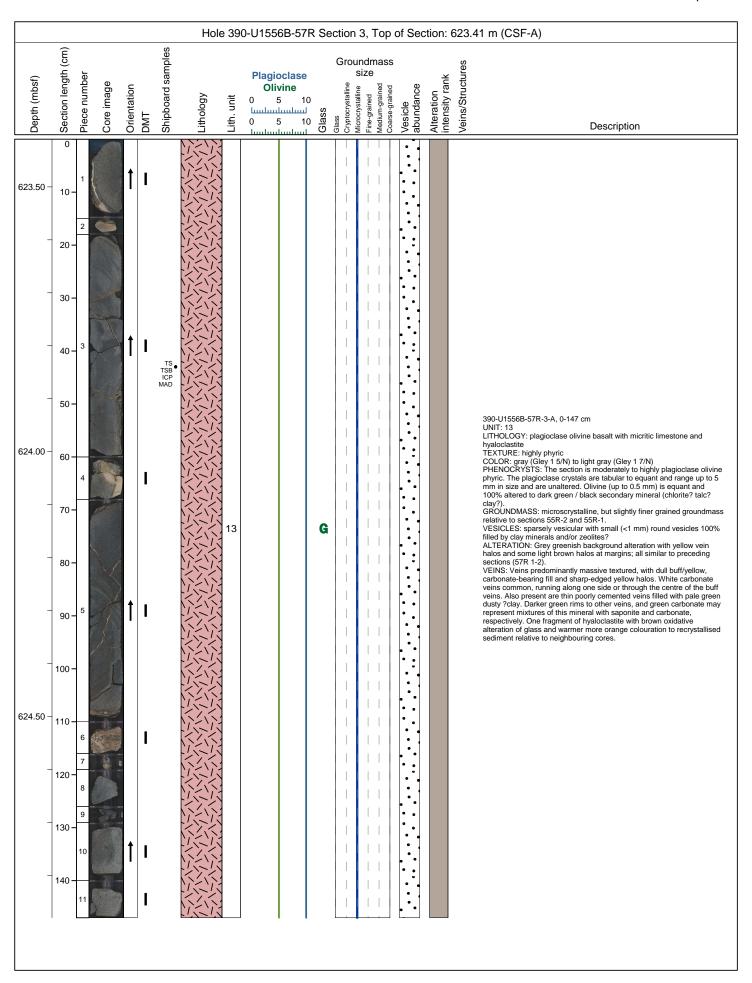


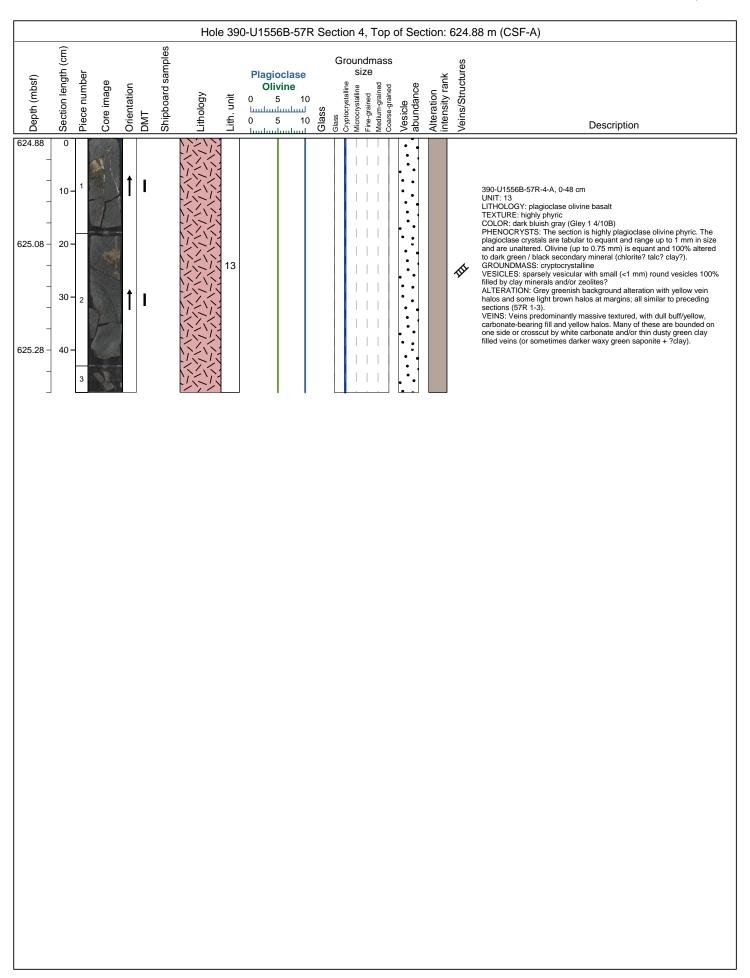


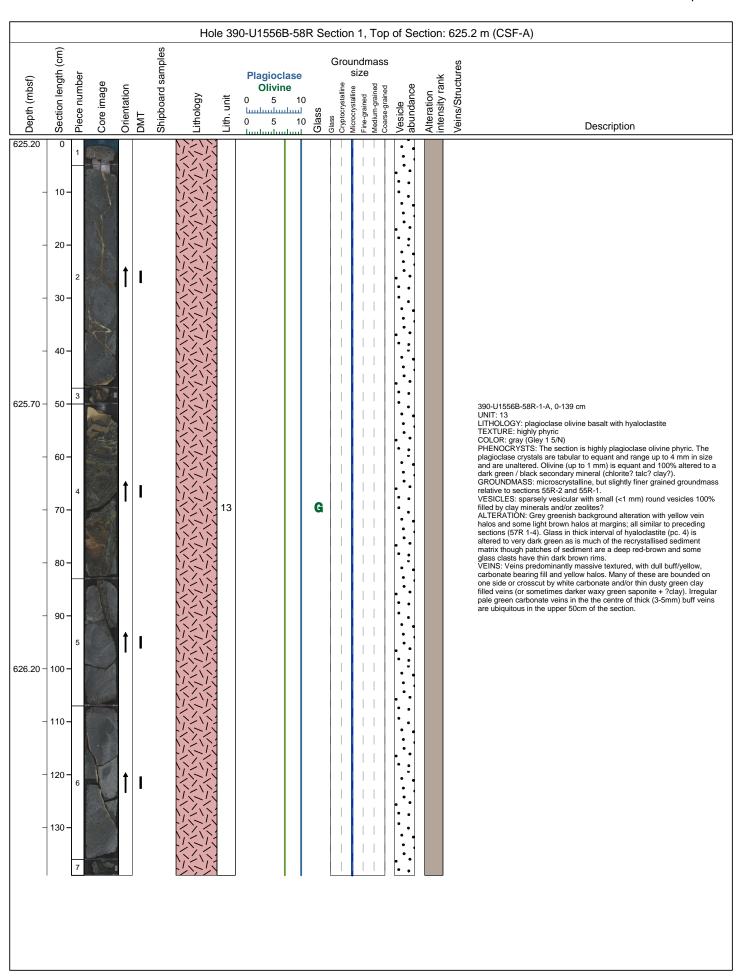


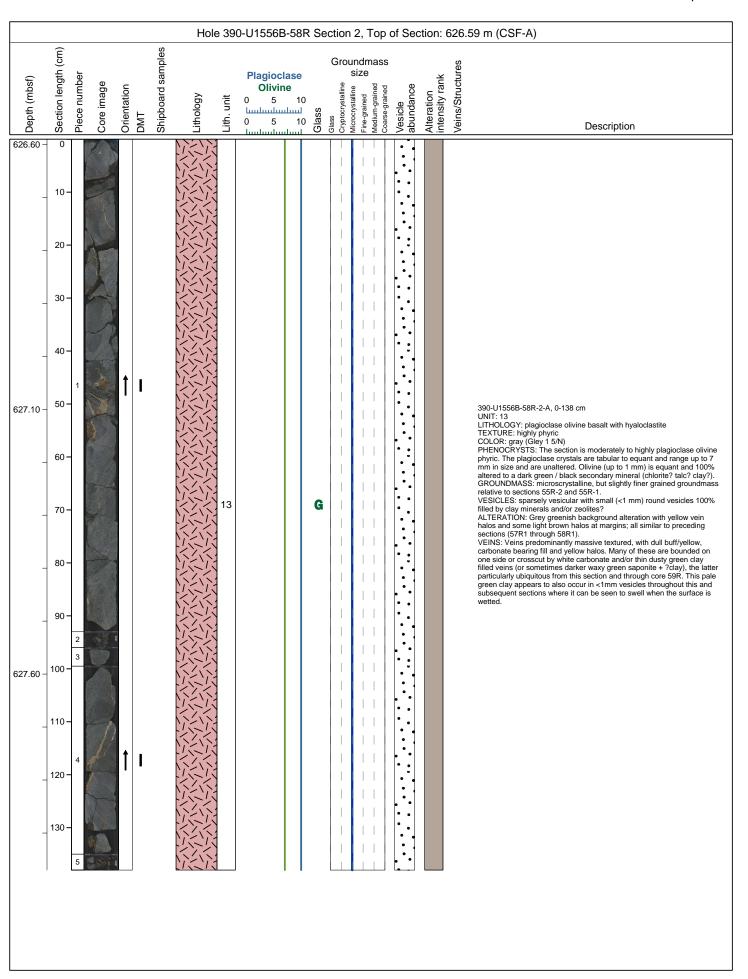


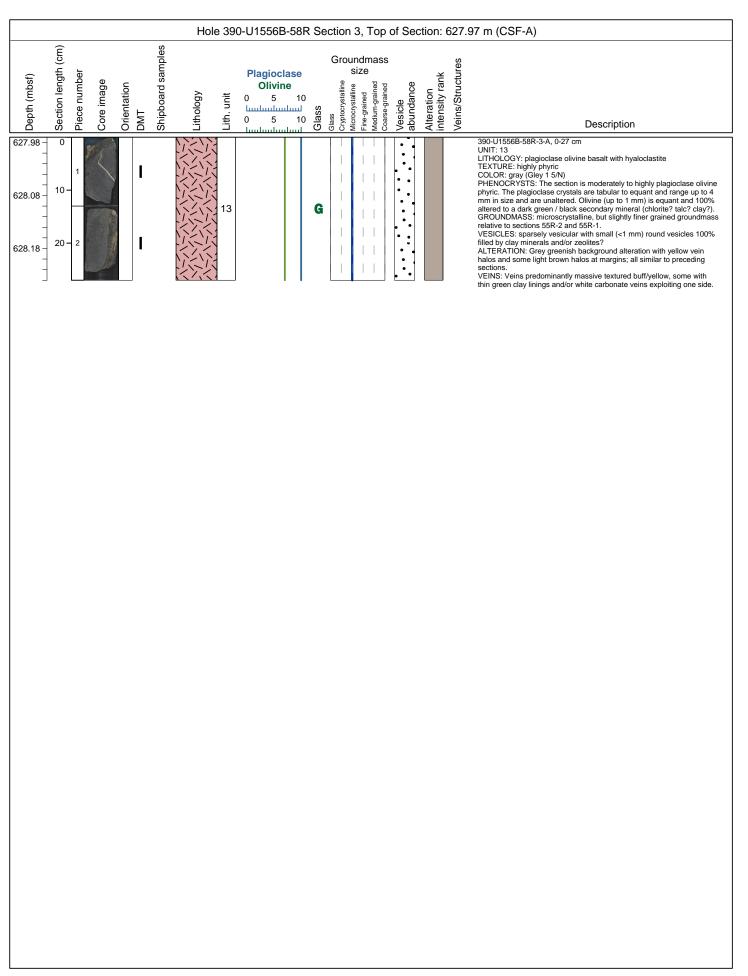


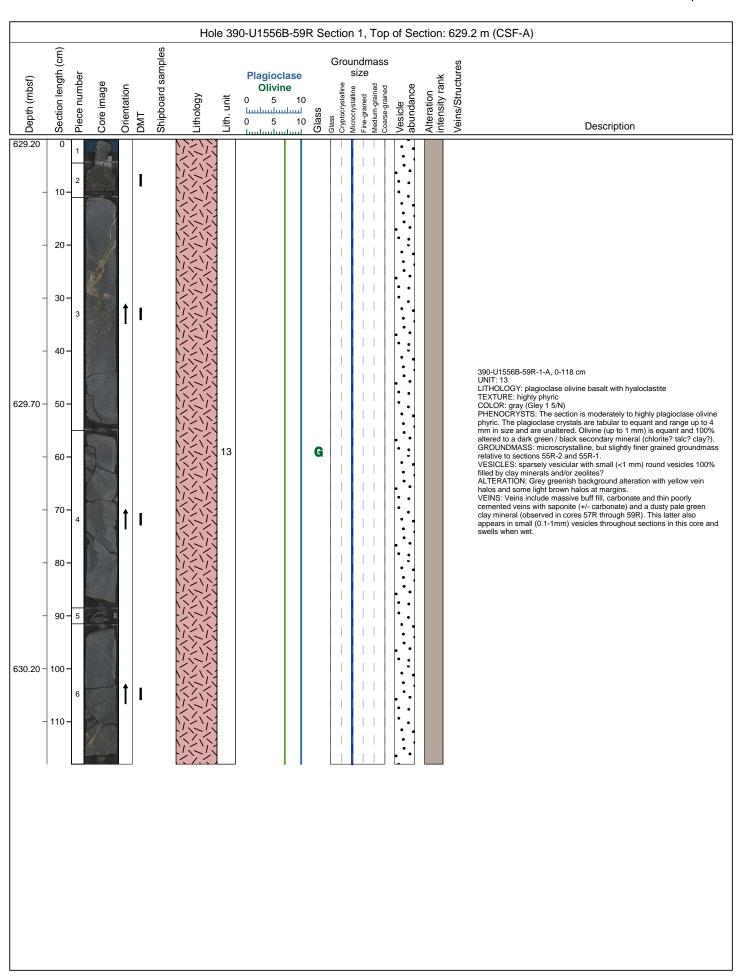


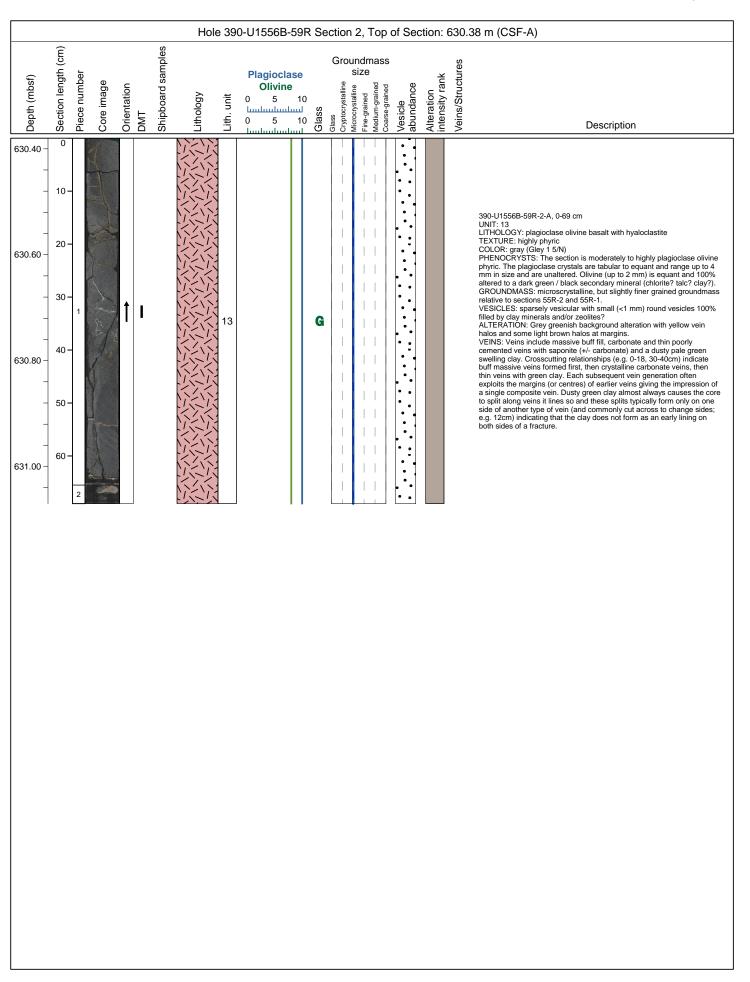


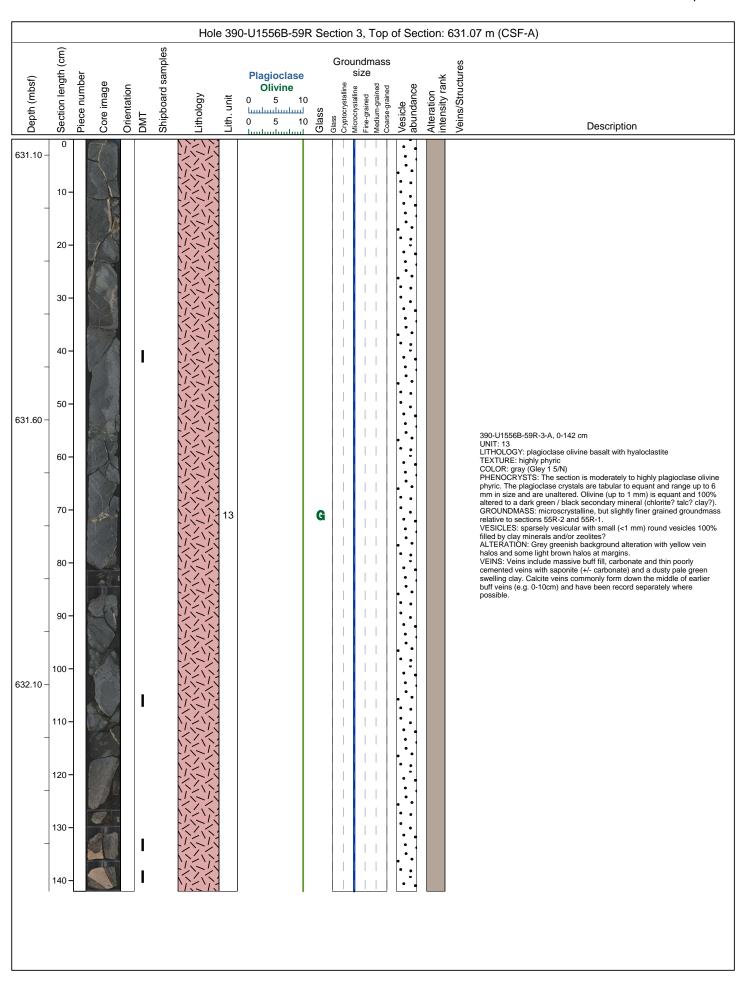


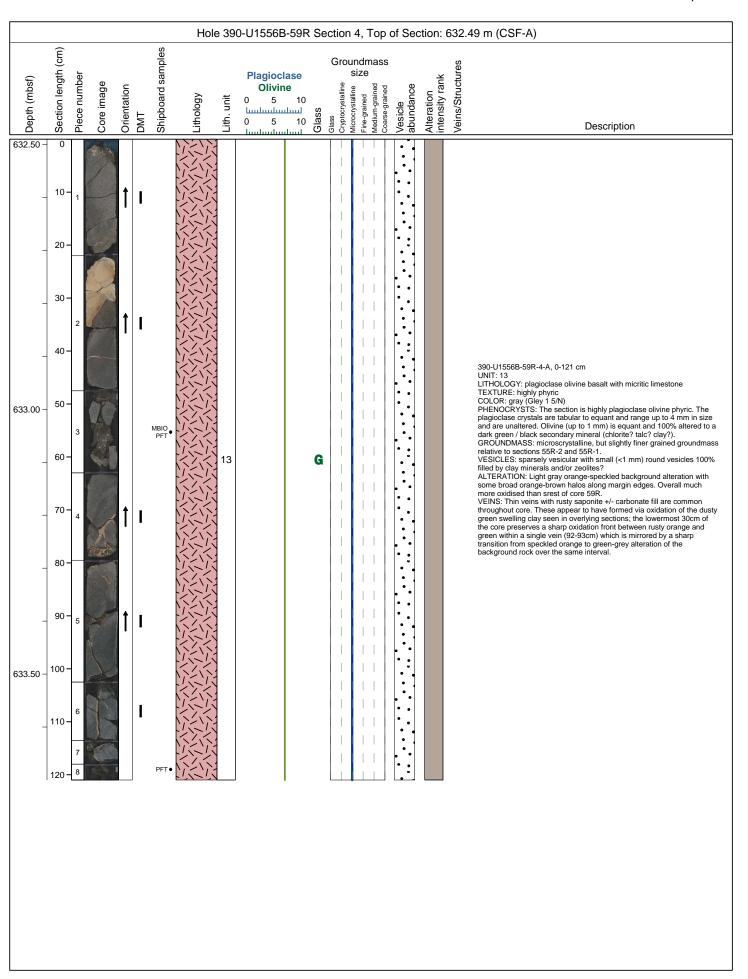






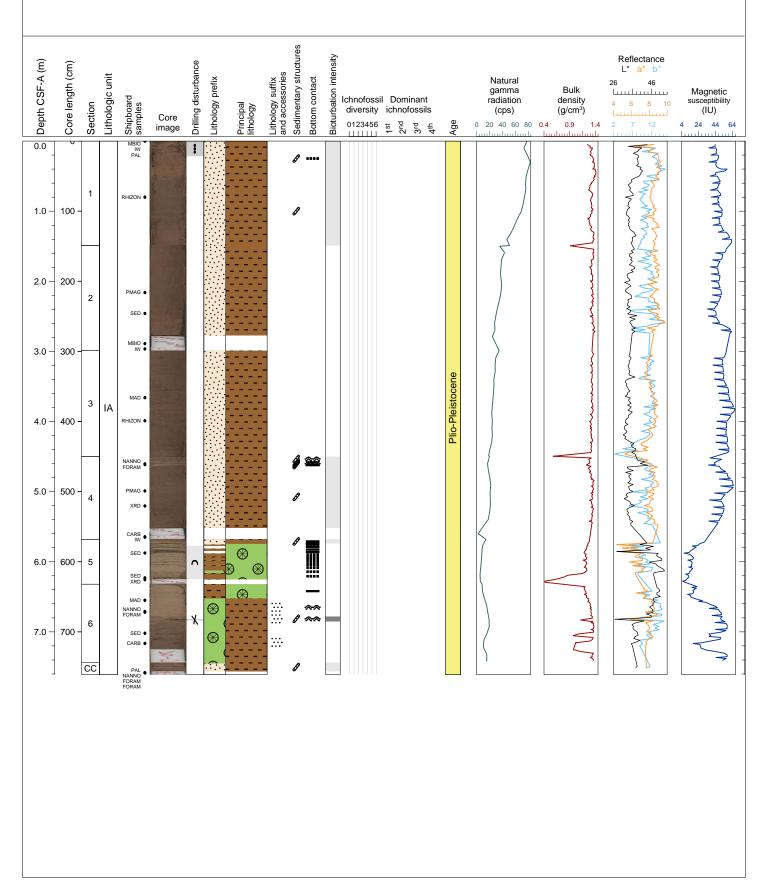






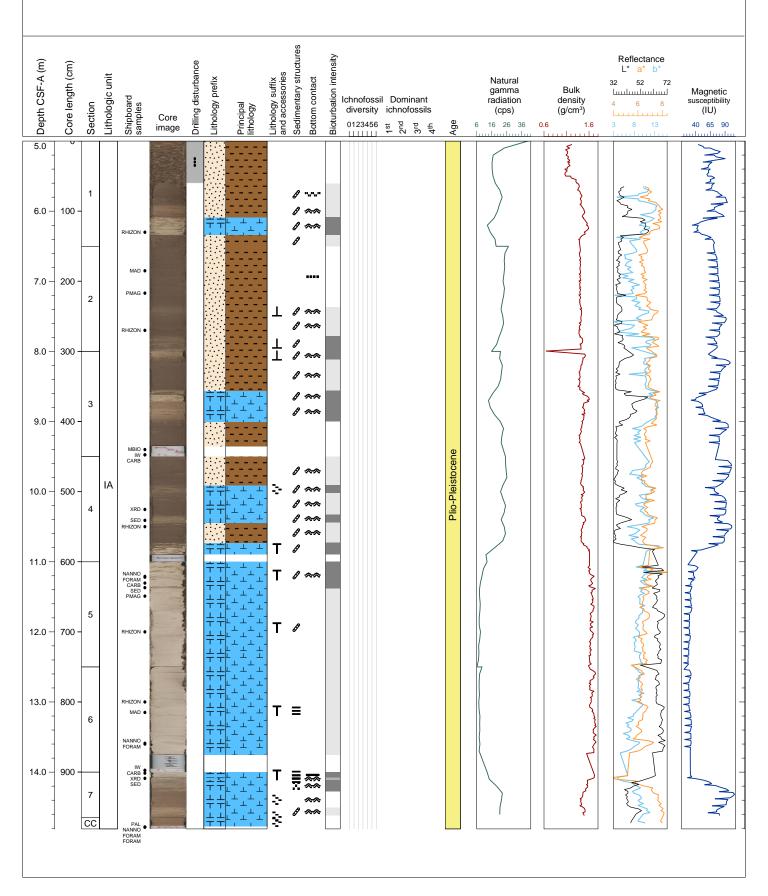
Hole 390-U1556C Core 1H, Interval 0.0-7.61 m (CSF-A)

Core 1H contains mainly (1A to top of 4A) brown and dark brown (7.5YR 5/4,3/4, 4/3) silty clay. Section 5A contains alternating greenish black and greenish gray (GLEY 1 2.5/10Y, 5/6GY) organic-rich diatom ooze, light greenish gray (GLEY 1 8/5GY) diatom ooze, and pinkish gray (7.5YR 7/2) calcareous diatom ooze. Section 6A contains light brown and brown (7.5YR 6/4, 5/3,4/3) diatom-rich clay with silt. For much of the Core bioturbation is none, but it ranges from sparse to moderate, although in places it can be also difficult to observe. Drilling disturbances include moderate soupy in 1A, slight up-arching in 2A, and a small moderate void in 6A.



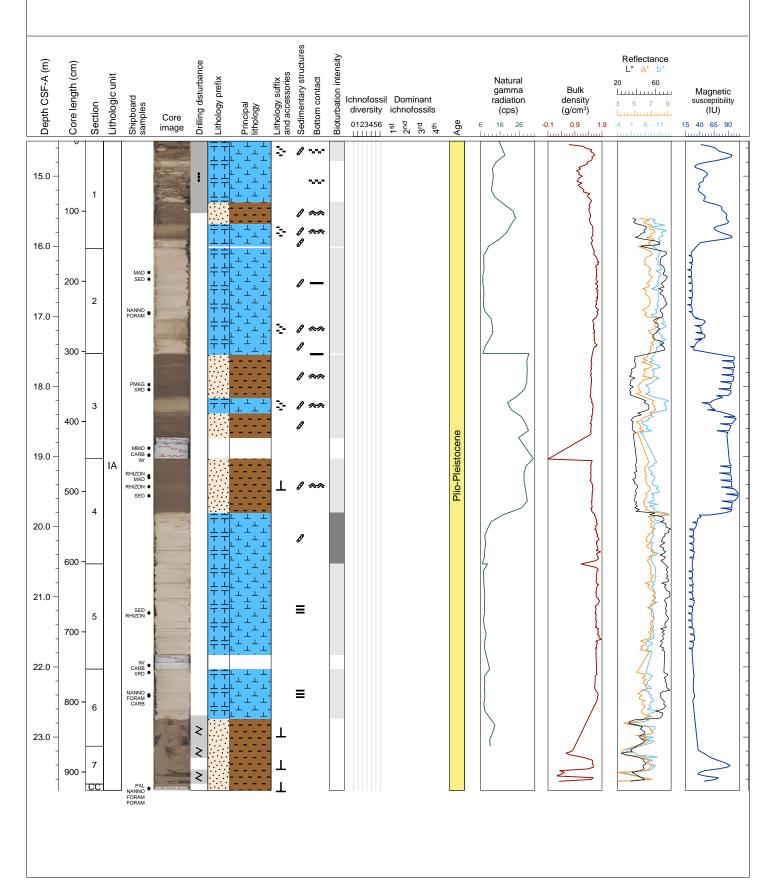
Hole 390-U1556C Core 2H, Interval 5.0-14.81 m (CSF-A)

Core 2H contains mainly brown (7.5YR 4/3) silty clay and pinkish white (7.5YR 8/2) calcareous nannofossil ooze. In section 6H, there are dark gray organic-rich thin laminations (78-117 cm). In section 6A, from 8 to 11 cm, there are brown (7.5YR 5/2) laminations of foraminiferal nannofossil ooze. Bioturbation is sparse to low. Drilling disturbance is slight to severe specifically for a soupy layer in 1H from 0-60cm.



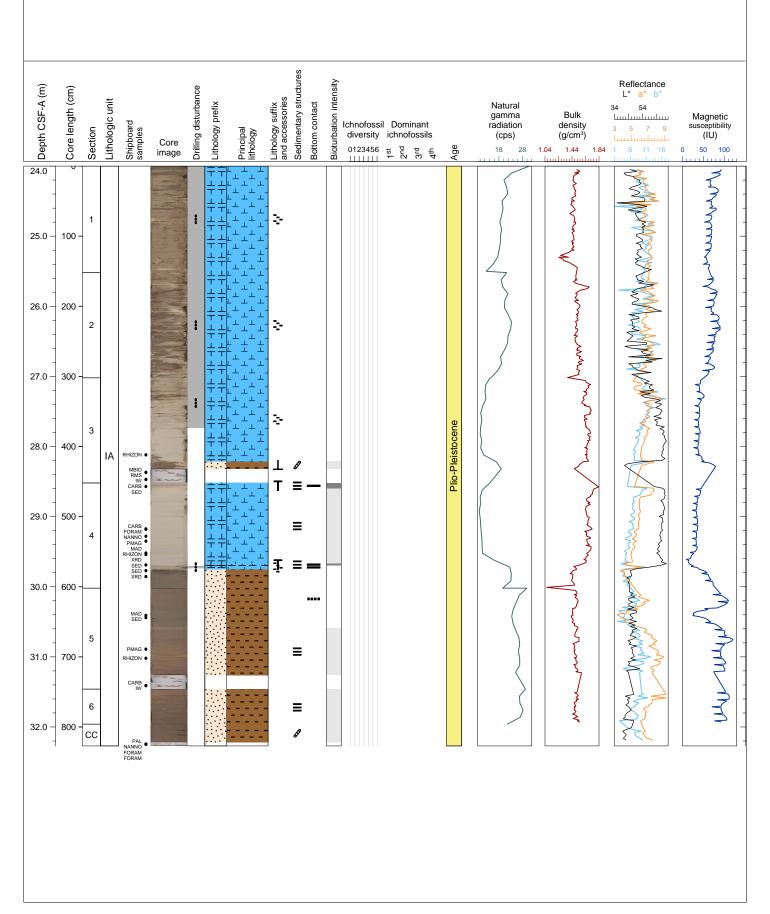
Hole 390-U1556C Core 3H, Interval 14.5-23.76 m (CSF-A)

Core 3H contains mostly pinkish white (7.5YR 8/2) calcareous nannofossil ooze and brown (7.5YR 4/3) silty clay. There are some organic-rich laminations in Sections 5A and 6A. There are portions of 3H that contain sparse to moderate bioturbation, which is mostly in the form of burrows. Drilling disturbance includes severe soupy in 1A and moderate fragmentation in 6A and 7A.



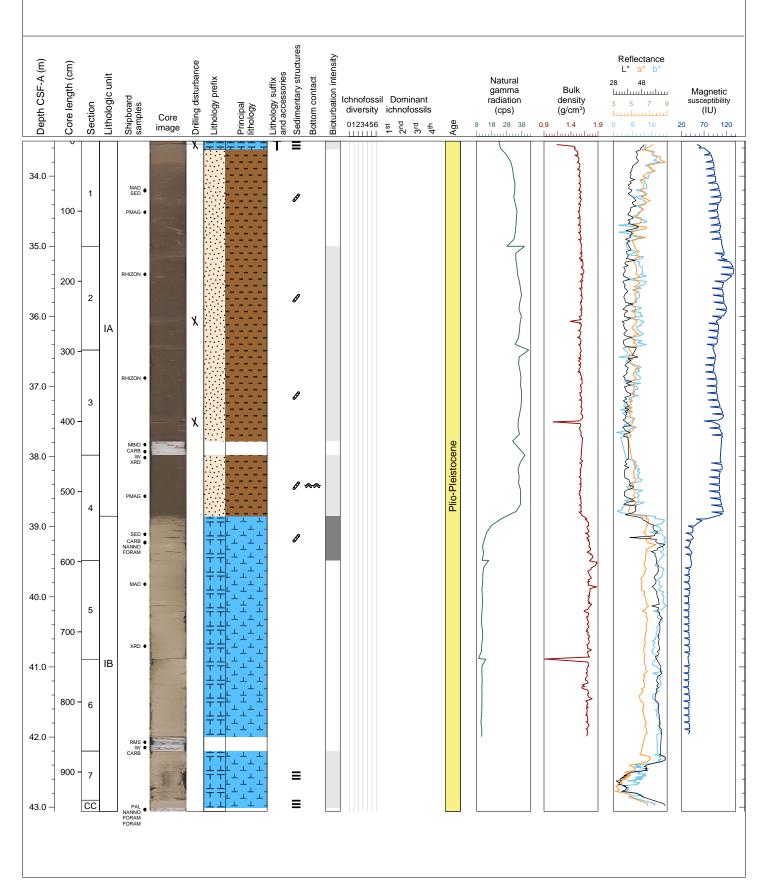
Hole 390-U1556C Core 4H, Interval 24.0-32.27 m (CSF-A)

Core 4H contains mainly brown (7.5YR 5/3) silty clay and pinkish white (7.5YR 8/2) calcareous nannofossil ooze. There are some light greenish gray (GLEY 1 8/5GY) diatom-rich thin laminations in 4A (2-8cm; 116-118cm; 124cm). Bioturbation is none to moderate, which is mostly in the form of burrows. Drilling disturbance is severe soupy in 1A, 2A and 3A.



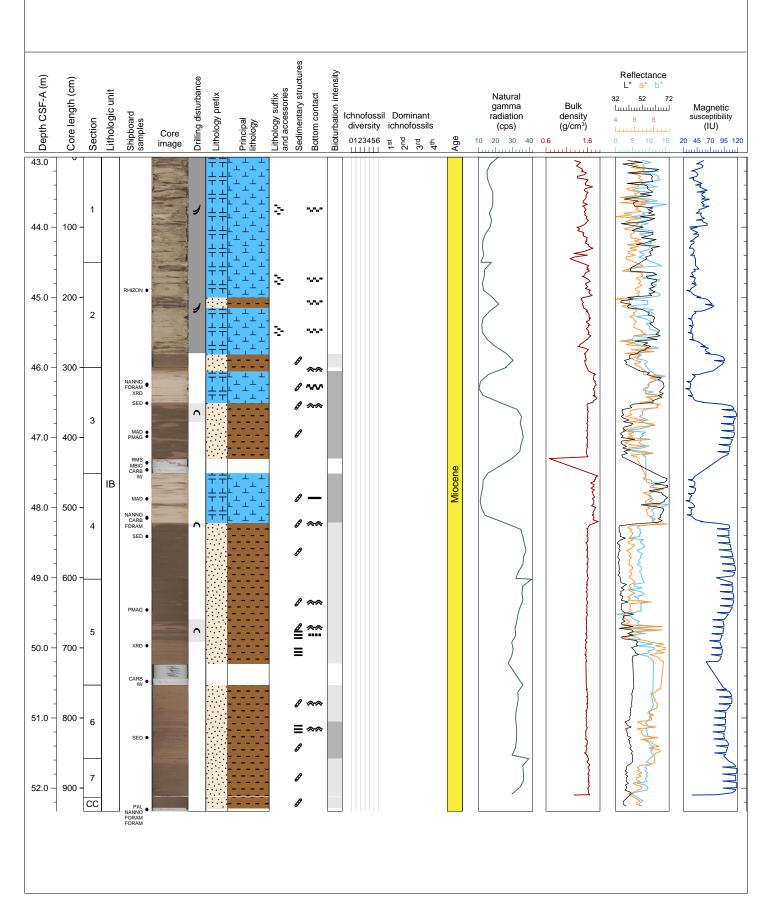
Hole 390-U1556C Core 5H, Interval 33.5-43.06 m (CSF-A)

Core 5H contains mainly brown (7.5YR 4/2) silty clay and pinkish white (7.5YR 8/2) calcareous nannofossil ooze. There are pale green diatom-rich laminations in 1A (2-12cm). There are some organic rich laminations in 7A. There are portions of the Core with none to moderate bioturbation, which is mostly in the form of burrows. Drilling disturbance has resulted in severe soupy in 7A, and slight voids in 1A, 2A, and 3A.



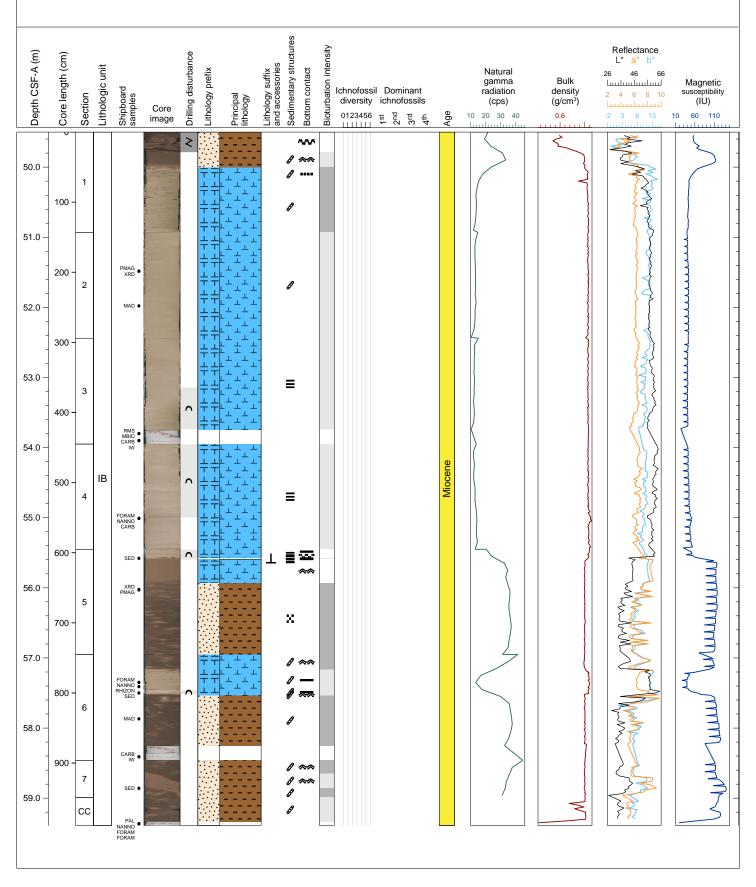
Hole 390-U1556C Core 6H, Interval 43.0-52.33 m (CSF-A)

Core 6H contains mainly brown (7.5YR 4/2, 5/3, 6/4, 6/3) silty clay and 10YR 8/2 (very pale brown) calcareous nannofossil ooze. The contact around 50.5 cm, or 50-50.5 cm, has white 1-2 mm spots containing foraminifera. 5A and 6A have thin to thick laminations. Drilling disturbance includes fall-in throughout 1H and 2H and slight up-arching in 3H,4H, and 5H.



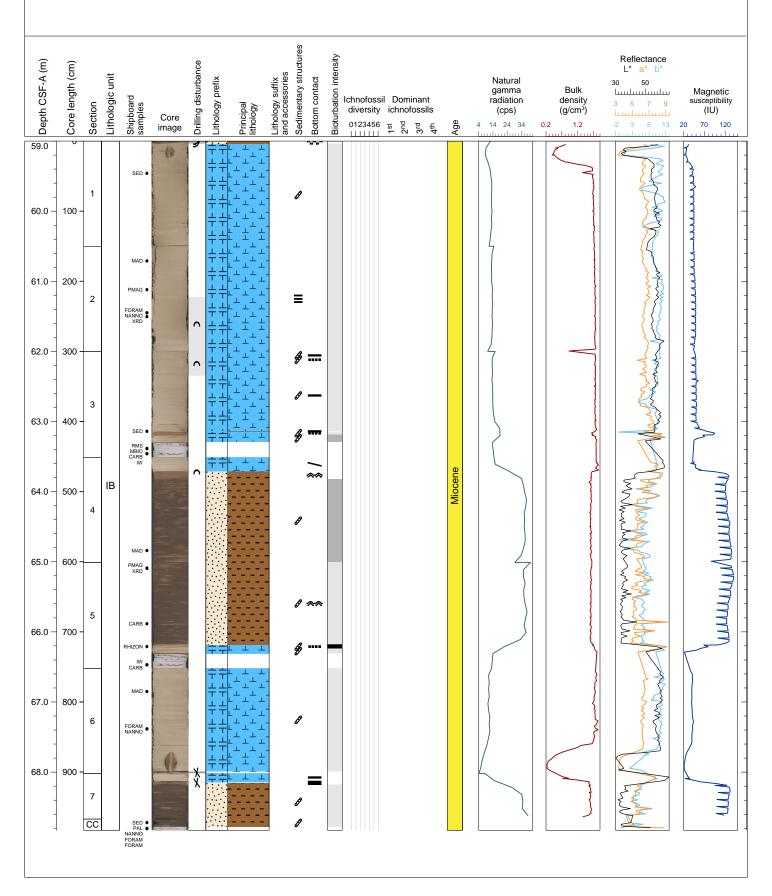
Hole 390-U1556C Core 7H, Interval 49.5-59.39 m (CSF-A)

Core 7H contains mainly pinkish gray and pinkish white (7.5YR 7/2, 8/2) calcareous nannofossil ooze and brown or light brown (7.5YR 4/2, 4/3, 6/4) silty clay. In 6A, the layer from 12.5 to 14.3 cm contains sediment composed of dark gray (7.5YR 4/1) organic-rich foraminiferal ooze with nannofossils, pinkish white (5YR 8/2) nannofossil-rich foraminiferal ooze, and pinkish gray (7.5YR 7/2) organic-rich foraminiferal ooze with nannofossils. 3A and 4A have thin laminations throughout. Drilling disturbance includes fall-in in 1A and 2H and slight up-arching in 3A,4A, 5A, and 6A.



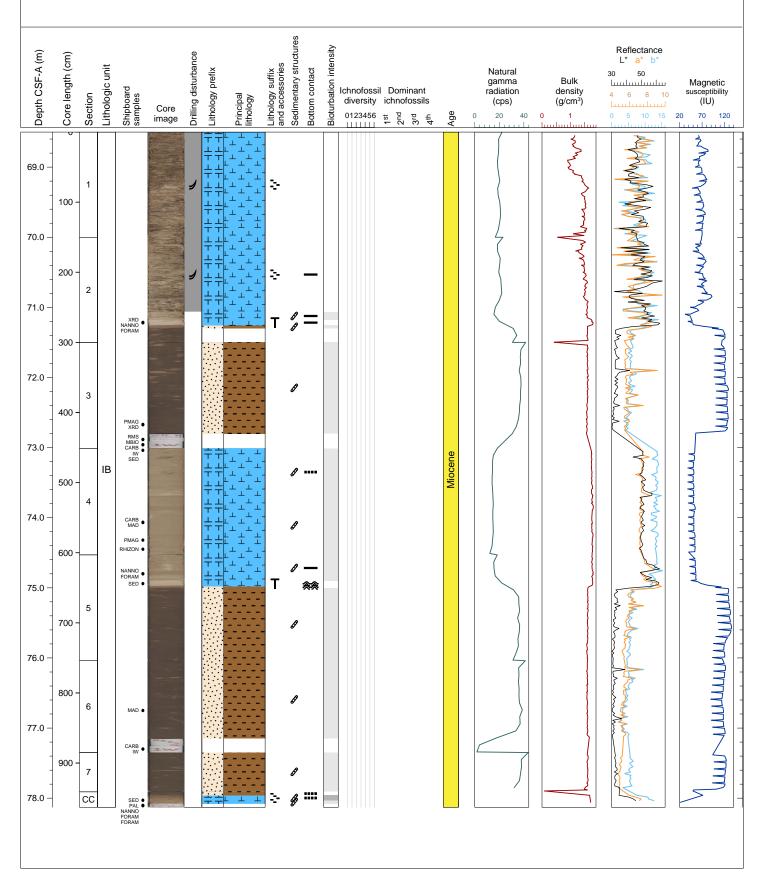
Hole 390-U1556C Core 8H, Interval 59.0-68.83 m (CSF-A)

Core 8H contains mainly pinkish gray and pinkish white (7.5YR 7/2, 8/2) calcareous nannofossil ooze and brown or light brown (7.5YR 4/2, 5/4, 4/3, 6/4) silty clay. In 3A, notably from ~113.5-114.5 cm, there is a white layer (7.5YR 8/1) of nannofossil-rich foraminiferal ooze. Bioturbation is generally sparse. Drilling disturbance includes slight up-arching, and voids in 6X and 7X.



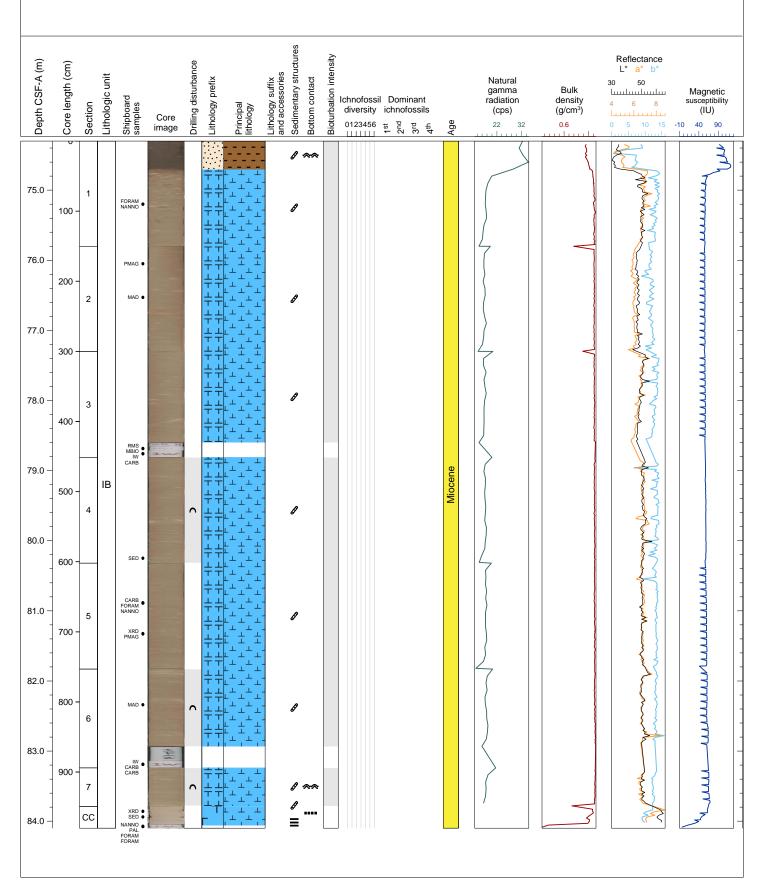
Hole 390-U1556C Core 9H, Interval 68.5-78.13 m (CSF-A)

Core 9H contains mainly brown or light brown (7.5YR 4/2) silty clay and pinkish gray and pinkish white (7.5YR 7/2, 6/2, 8/2) calcareous nannofossil ooze. In 2A and 5A, respectively, there is one ~7-8 cm thick pinkish white layer (7.5YR 8/2) of calcareous nannofossil ooze with foraminifera. Bioturbation is generally sparse. Drilling disturbance includes fall-in through 1A and most of 2A and slight up-arching in 5A.



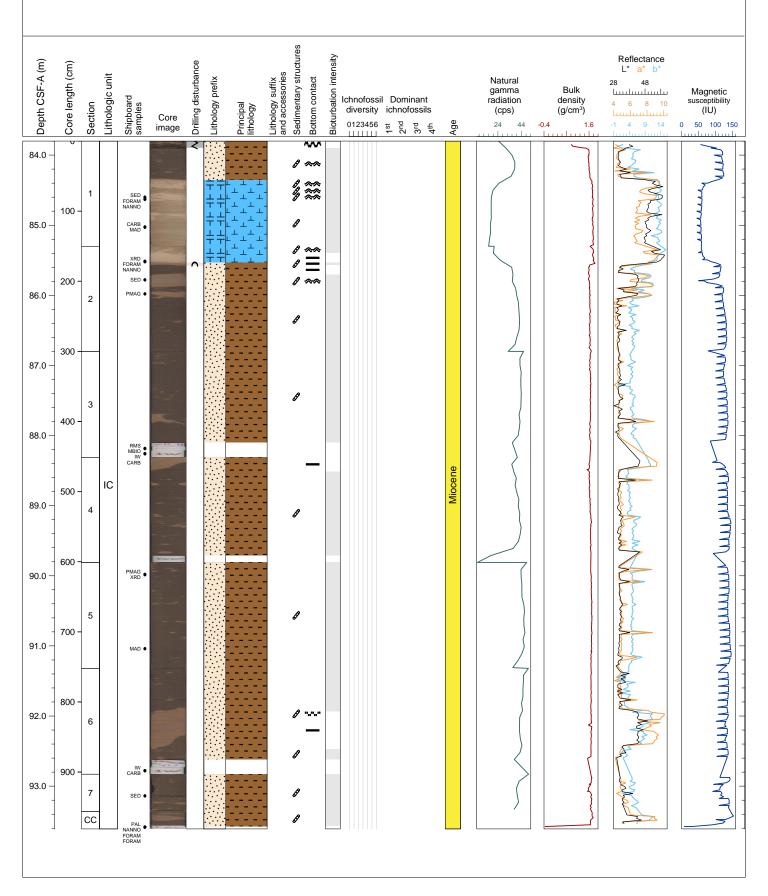
Hole 390-U1556C Core 10H, Interval 74.3-84.1 m (CSF-A)

Core 10H contains mainly pinkish gray and pinkish white (7.5YR 7/2, 8/2, 6/3) calcareous nannofossil ooze. The CC contains pinkish white (7.5YR 8/2) foraminiferal nannofossil ooze. Section 1A contains brown (7.5YR 4/2) silty clay above 40.5 cm. Bioturbation is generally sparse. Drilling disturbance includes slight up-arching in 4A, 5A, and 6A.



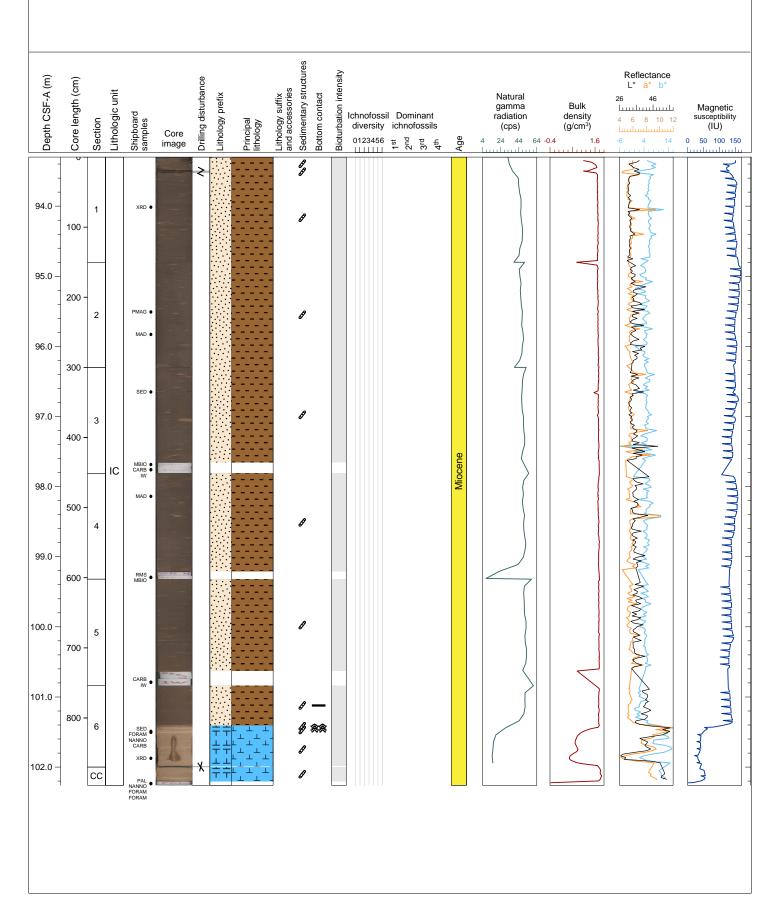
Hole 390-U1556C Core 11H, Interval 83.8-93.61 m (CSF-A)

Core 11H contains mainly brown silty clay (7.5YR 4/2, 5/3). In addition, 1A and 2A contain pinkish gray and pinkish white (7.5YR 8/2, 7/2) calcareous nannofossil ooze. In 2A, from 47 to 51 cm there is a light gray haze on surface; this is also silty clay (based on smear slide). Bioturbation is generally sparse. Apparent drilling disturbance includes fragmentation in top 10 cm of 1A and slight up-arching in 2A.



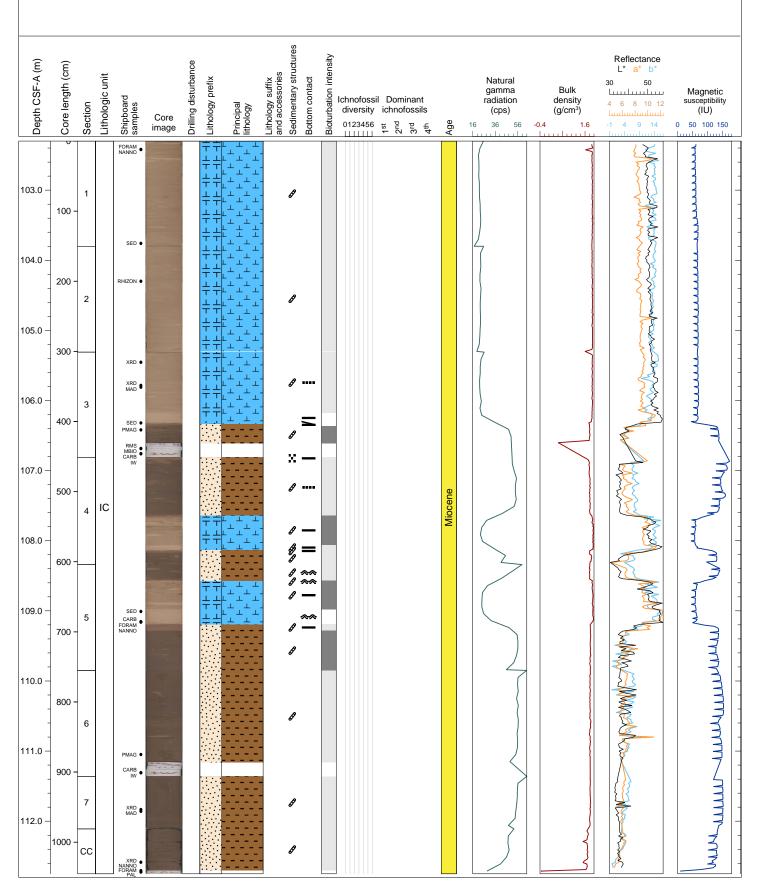
Hole 390-U1556C Core 12H, Interval 93.3-102.26 m (CSF-A)

Core 12H contains mainly brown silty clay (7.5YR 4/2). Sections 6A and CC contain also pink, light reddish brown and light brown (5YR 7/3, 6/4, 7.5YR 6/4) calcareous nannofossil ooze. Bioturbation is generally sparse. Apparent drilling disturbance includes severe fragmentation in 1A and a void (destroyed) in 6A.



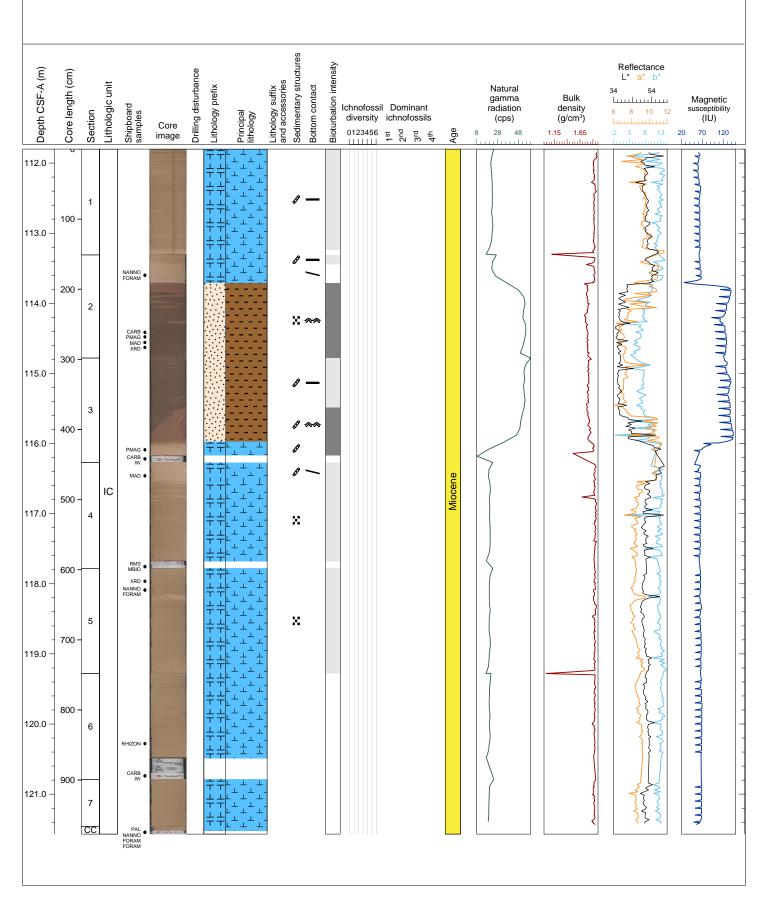
Hole 390-U1556C Core 13H, Interval 102.3-112.75 m (CSF-A)

Core 13H contains brown (7.5YR 4/2, 5/3) silty clay and light brown (7.5YR 6/4) calcareous nannofossil ooze. There is a thin bed of pinkish white foraminiferal nannofossil ooze in 3A (101-102cm). Bioturbation includes portions with sparse to moderate burrows. Drilling disturbance has resulted in slight up-arching in 5A.



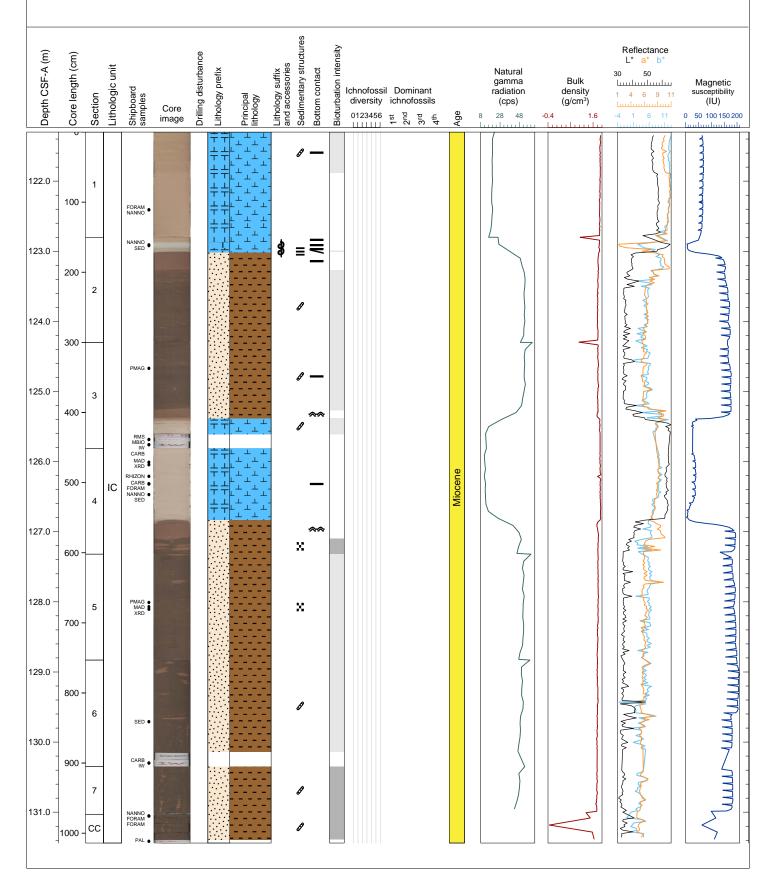
Hole 390-U1556C Core 14H, Interval 111.8-121.57 m (CSF-A)

Core 14H contains mainly pink (7.5YR 7/3) calcareous nannofossil ooze and reddish brown (5YR 5/3) silty clay. There is a highly inclined bottom contact in 3A (71 to 106cm). There are portions of the Core with none to moderate trace or mottling bioturbation. No drilling disturbance was observed.



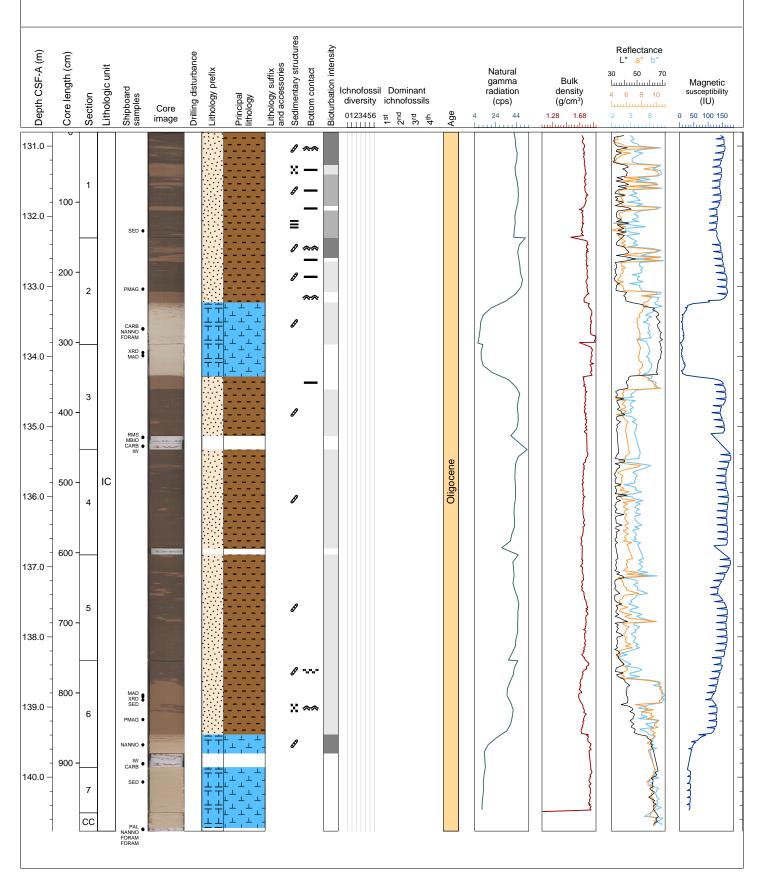
Hole 390-U1556C Core 15H, Interval 121.3-131.44 m (CSF-A)

Core 15H contains mainly brown (7.5YR 5/4) or reddish brown (5YR 5/3) silty clay and pink (5YR 7/3) to pinkish white (5YR 8/2) calcareous nannofossil ooze. There are layers of light greenish gray (GLEY 1 8/10GY) foraminiferal nannofossil ooze with bioclasts in 2A (8-15cm; 19-21cm). There are portions of the Core with none to low trace and burrow bioturbation. Drilling disturbance was not observed.



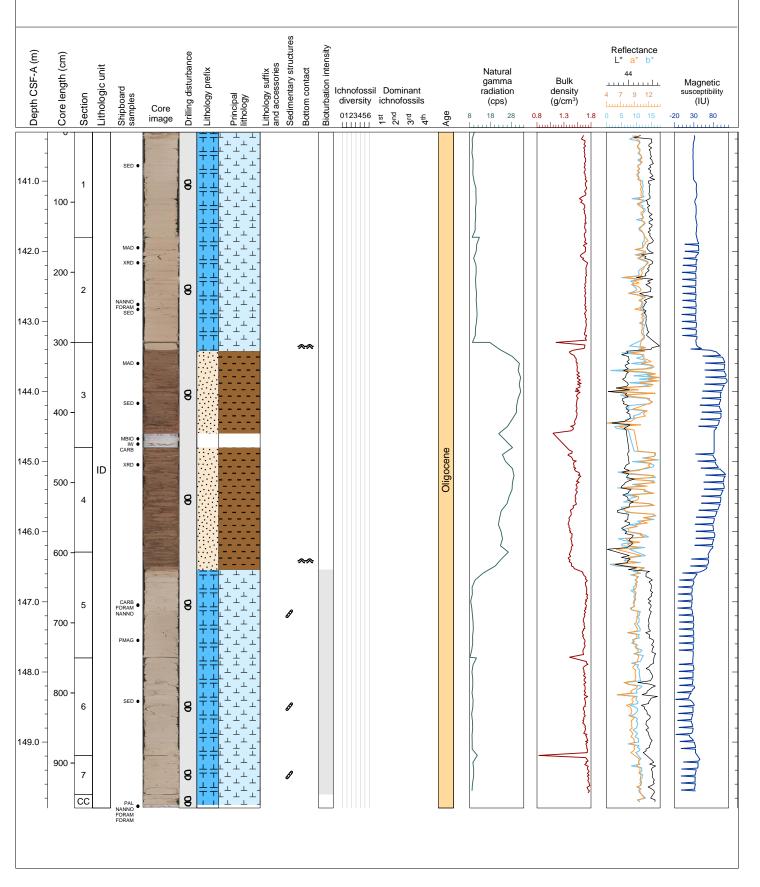
Hole 390-U1556C Core 16H, Interval 130.8-140.77 m (CSF-A)

Core 16H contains mainly brown (7.5YR 5/4) or reddish brown (5YR 5/3) silty clay and pinkish white (5YR 8/2) calcareous nannofossil ooze. Most of the brown (5YR 5/3) silty clay does not exhibit obvious bioturbation. There are portions of 16H with sparse to moderate trace or burrow bioturbation, specifically in the reddish brown (5YR 5/3) silty clay and the pinkish white (5YR 8/2) calcareous nannofossil ooze. Drilling disturbance was not observed.



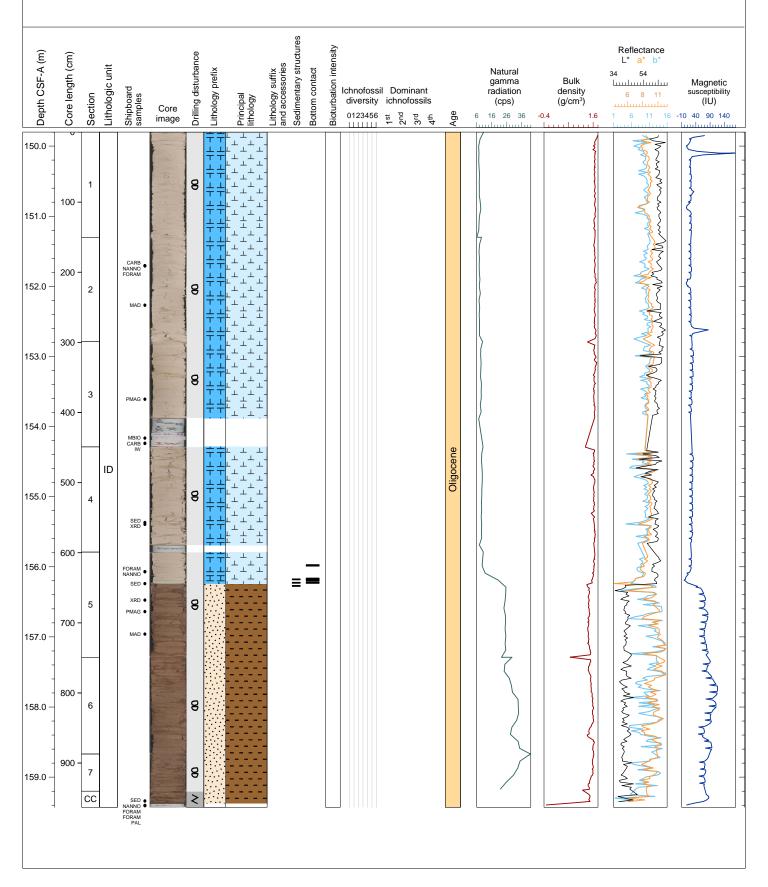
Hole 390-U1556C Core 17X, Interval 140.3-149.94 m (CSF-A)

Core 17X contains mainly pinkish white or pink (7.5 YR 8/2, 8/3) calcareous nannofossil chalk and brown (7.5YR 5/4, 5/3) or reddish brown (5YR 5/3) silty clay. The Core contains moderately consolidated chalk instead of ooze as appears in prior Cores. Dark organic-rich drilling fluid is scattered over at least Sections 1A to 3A. The drilling fluid appears as dots or dustiness, splotches, or flow features in the oozes between some biscuits. In the silty clay, drilling fluid appears as splotches or smears as a dusting on the surface. Bioturbation is either none or sparse. Drilling disturbance throughout the Core includes slight biscuits.



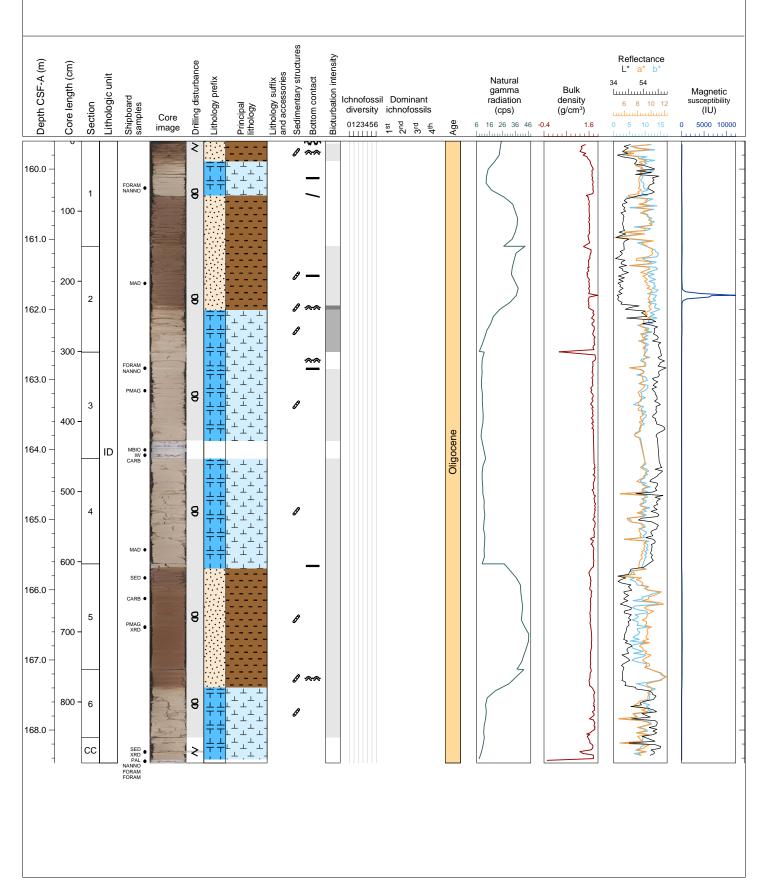
Hole 390-U1556C Core 18X, Interval 149.8-159.43 m (CSF-A)

Core 18X contains mainly pinkish white (7.5 YR 8/2) calcareous nannofossil chalk and reddish brown (5YR 5/4) or reddish brown (5YR 5/3) silty clay. Notably, from about 38 to 45.3 cm, light greenish gray (GLEY 1 8/10GY) foraminiferal nannofossil chalk occurs as either laminations or throughout. Bioturbation is lacking. Drilling disturbance includes slight biscuits throughout the Core, except in the CC where fragmentation is severe.



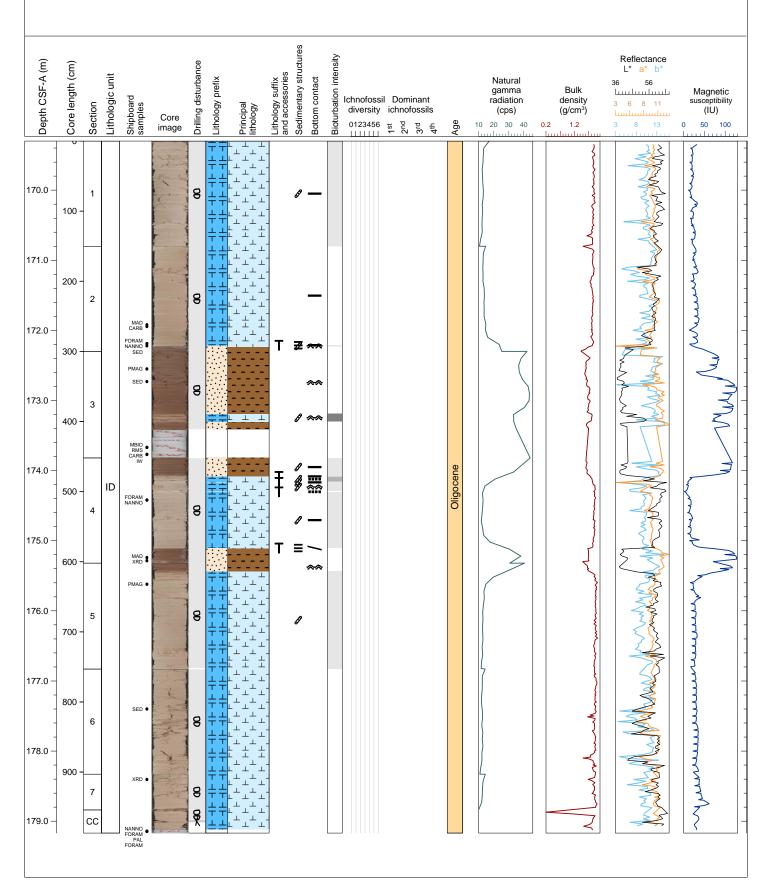
Hole 390-U1556C Core 19X, Interval 159.6-168.47 m (CSF-A)

Core 19X contains alternating pinkish white (7.5 YR 8/2) calcareous nannofossil chalk and brown (7.5YR 5/3) silty clay. Notably, there are areas of light greenish gray (GLEY 1 8/5GY) sediment <1 cm thick in 1A and 3A, but of smaller sizes in other Sections, which may include foraminifera. Bioturbation is typically none or sparse. Drilling disturbance throughout the Core includes slight biscuits, and also fragmentation in 1A and C.



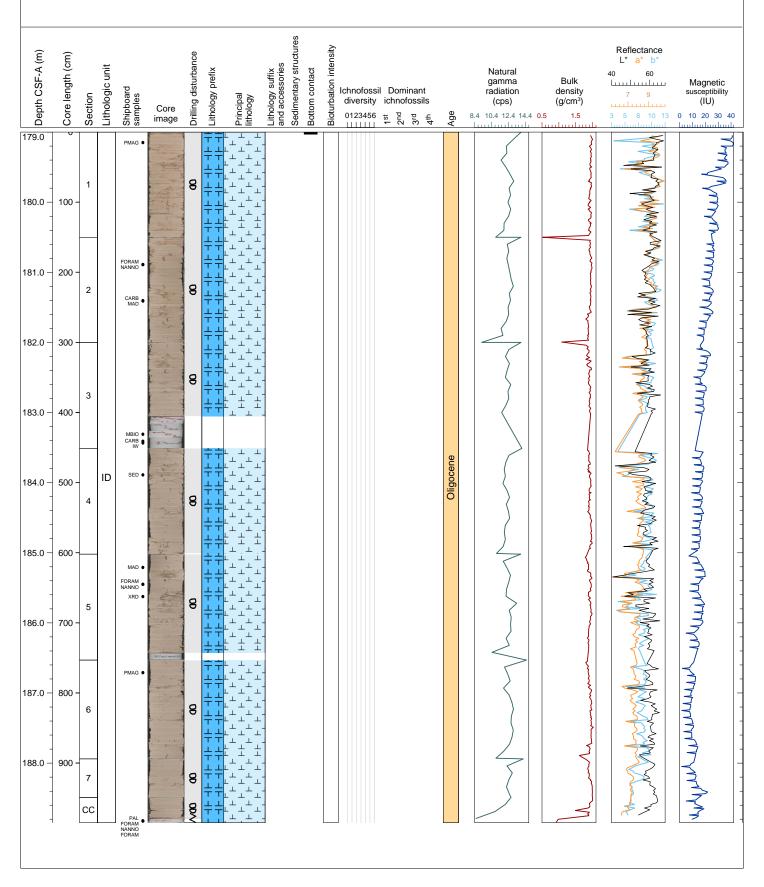
Hole 390-U1556C Core 20X, Interval 169.3-179.17 m (CSF-A)

Core 20X contains mainly pinkish white (7.5 YR 8/2, 5YR 8/2) calcareous nannofossil chalk, and brown (7.5YR 5/4) silty clay. In addition, in 2A and 4A there are layers of light greenish gray (GLEY 1 8/5GY), grayish green (GLEY 1 5/5G), and greenish gray (GLEY 1 6/5GY) nannofossil chalk with foraminifera. Bioturbation is typically none or sparse. Drilling disturbance includes slight biscuits and surface fracturing throughout the Core.



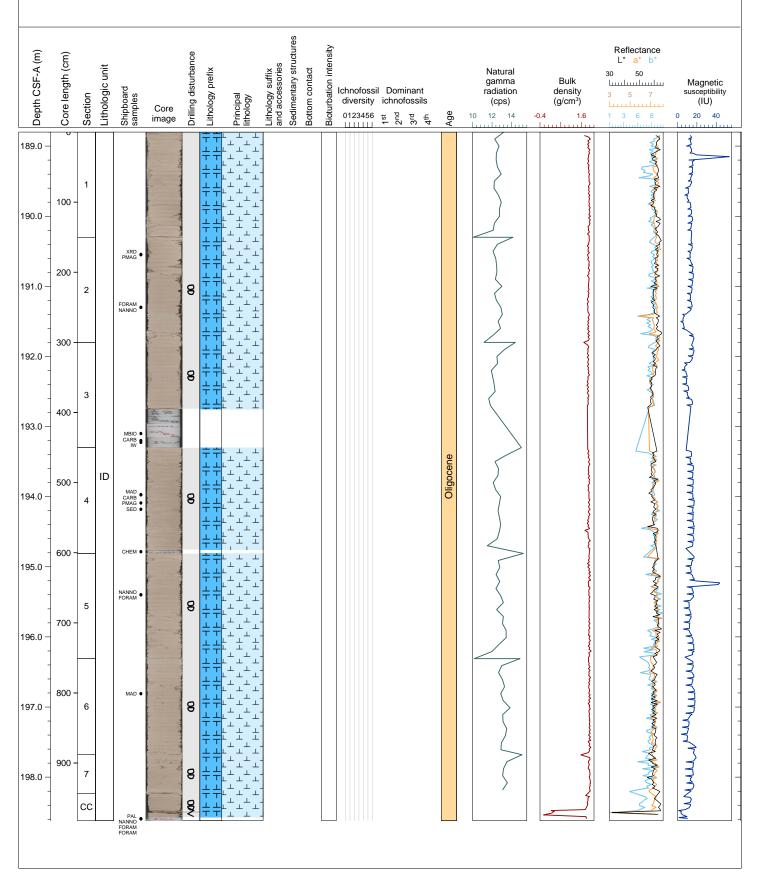
Hole 390-U1556C Core 21X, Interval 179.0-188.85 m (CSF-A)

Core 21X contains all pinkish white (7.5 YR 8/2) calcareous nannofossil chalk. In 6A until ~71 cm, there are a few scattered light greenish gray sediments as thin (<0.3 mm) lines <1 cm long. Bioturbation is described as none, but may be difficult to see given lack of contrast in the sediment. Also, it is difficult to distinguish what may be bioturbation from biscuit effects from drilling, which is throughout the Core. Drilling disturbance includes slight biscuits and surface fracturing throughout Core.



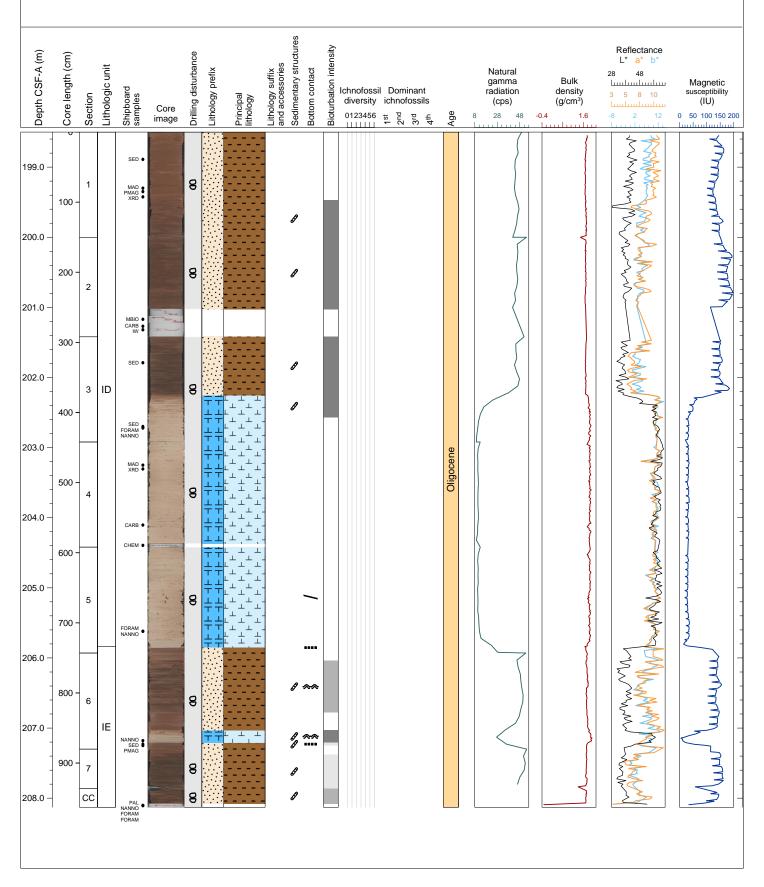
Hole 390-U1556C Core 22X, Interval 188.8-198.62 m (CSF-A)

Core 22X contains all pinkish white (7.5 YR 8/2) calcareous nannofossil chalk. In 2A,6A, and in the CC there are a few scattered light greenish gray (GLEY 1 8/5GY) thin lines or spots less than a few cm in length. Bioturbation is noted as none, but may be difficult to see given lack of contrast in the sediment. Also, it is difficult to distinguish what may be bioturbation from biscuit effects from drilling. Drilling disturbance includes slight biscuits throughout Core.



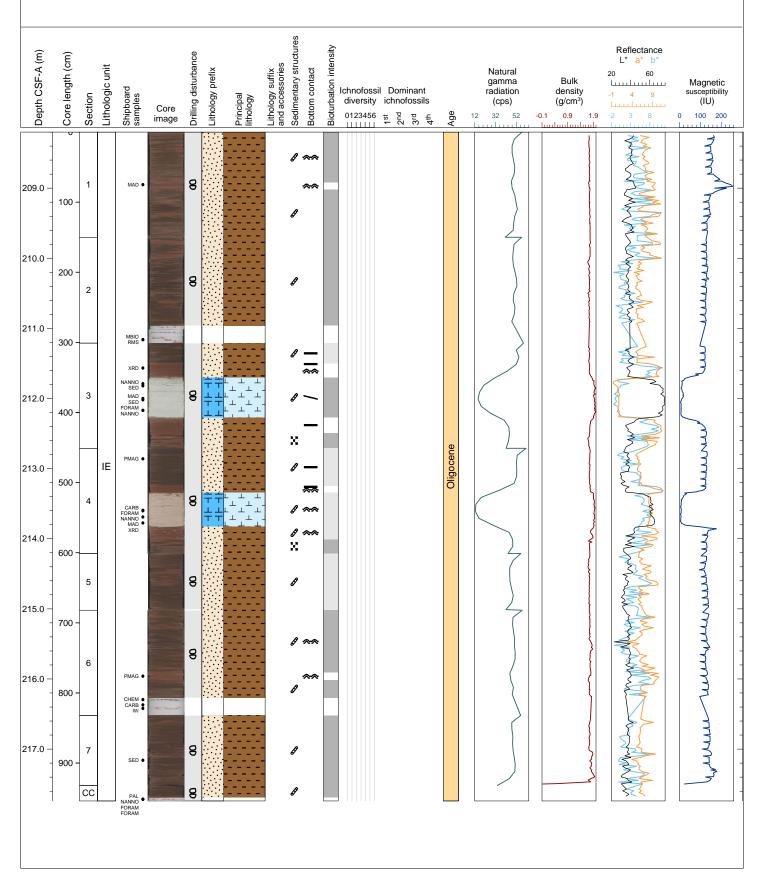
Hole 390-U1556C Core 23X, Interval 198.5-208.13 m (CSF-A)

Core 23X contains mainly reddish brown (5YR 4/4) to dark reddish gray (5YR 4/2) silty clay and pinkish white (7.5YR 8/2) calcareous nannofossil chalk. There are organic-rich blackish thin laminations in 3A. Moderate bioturbation includes trace or burrows in the dark reddish gray (5YR 4/2) silty clay, but none observed in reddish brown (5YR 4/4) and pinkish white (7.5YR 8/2) calcareous nannofossil chalk in 4A, 5A. Drilling disturbance includes slight biscuits throughout Core.



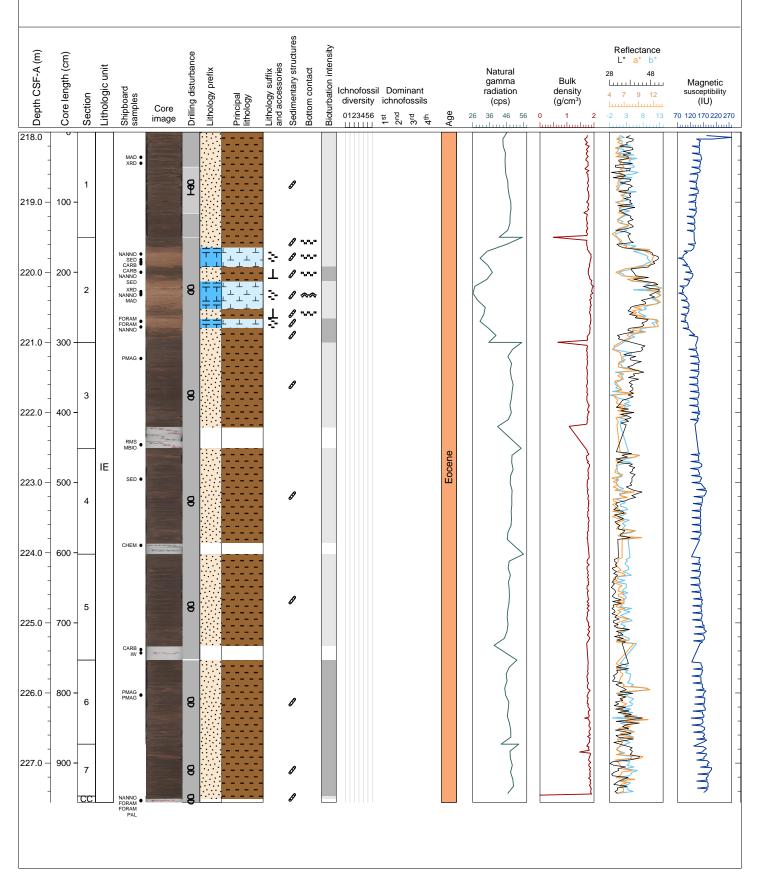
Hole 390-U1556C Core 24X, Interval 208.2-217.74 m (CSF-A)

Core 24X contains mainly dark reddish gray (5YR 4/2) to reddish brown (5YR 4/3) silty clay. In 4A there is pinkish white (7.5YR 8/2) calcareous nannofossil chalk and in 3A light greenish gray (GLEY 2 8/5BG) calcareous nannofossil chalk. Black scattered spherical spots in 5A, 6A, 7A and CC are assumed to contain organic matter. Bioturbation includes none to low bioturbation as trace or burrows and mottling. Drilling disturbance includes slight biscuits throughout the Core.



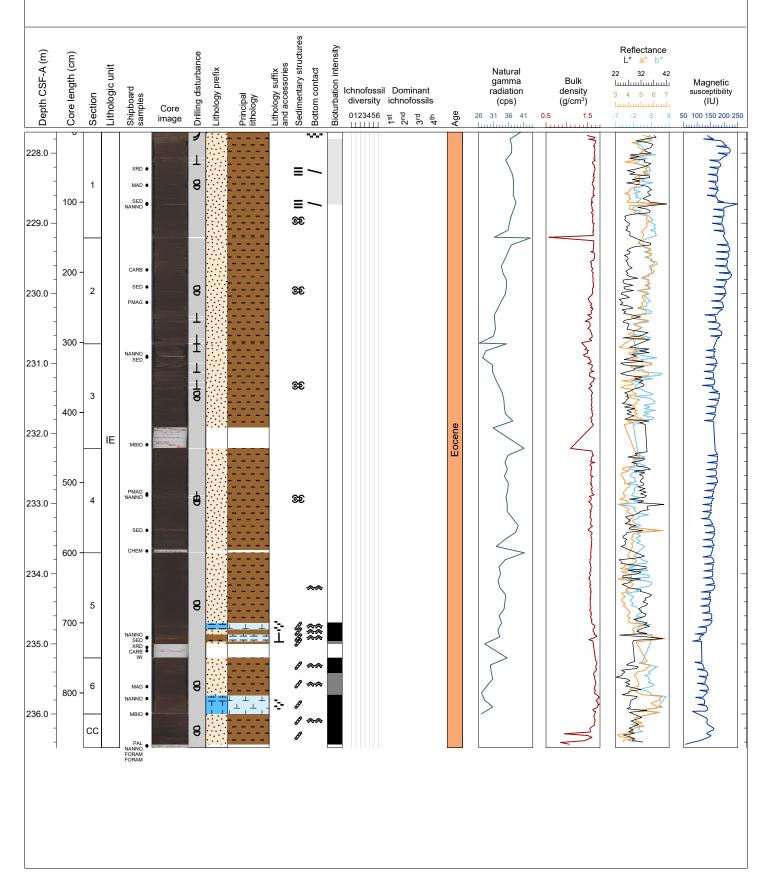
Hole 390-U1556C Core 25X, Interval 218.0-227.56 m (CSF-A)

Core 25X contains mainly dark reddish gray (5YR 4/2) silty clay and light reddish brown (5YR 6/4) calcareous nannofossil chalk. Scattered black spots (assumed organic matter) are only observed in the dark reddish gray (5YR 4/2) silty clay and not in the brighter reddish brown (5YR 4/4) silty clay. Bioturbation is noted as none to low, but may be difficult to see due to severe drilling disturbance. Drilling disturbance includes severe biscuits throughout Core.



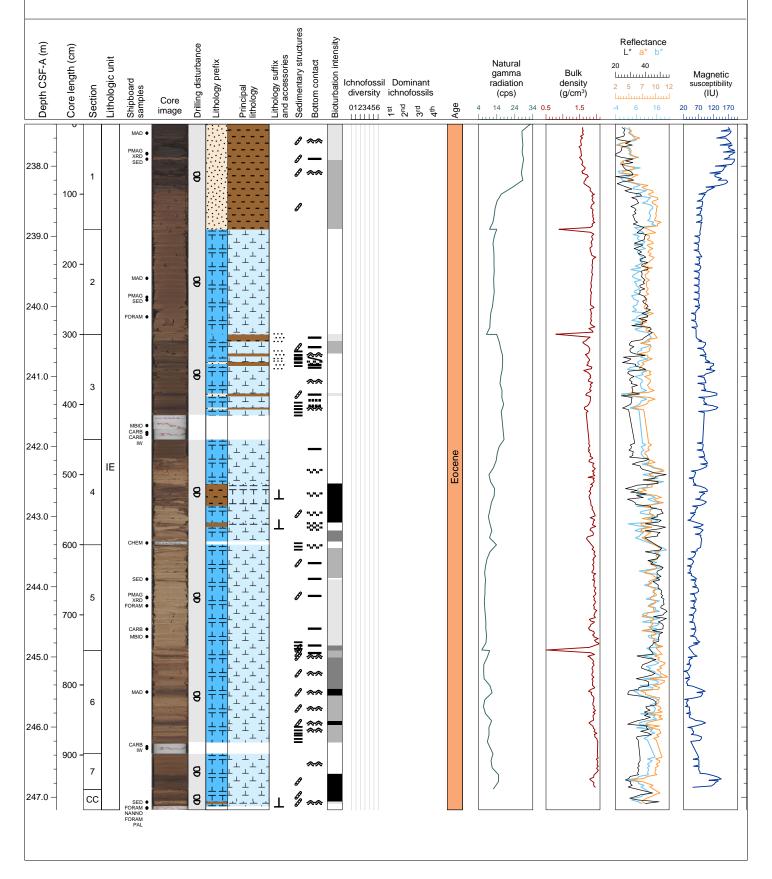
Hole 390-U1556C Core 26X, Interval 227.7-236.48 m (CSF-A)

Core 26X contains mainly dark brown (7.5YR 3/2) silty clay. There are lens and pods in 1A, 3A, and 4A that include light reddish brown (5YR 6/4) silty clay with silicate minerals of biotite. Bioturbation is none to low in dark brown (7.5YR 3/2) silty clay, and high in 6A and CC. Drilling disturbance includes moderate biscuits throughout the Core and moderate fractures in 1A, 2A, 3A, and 4A.



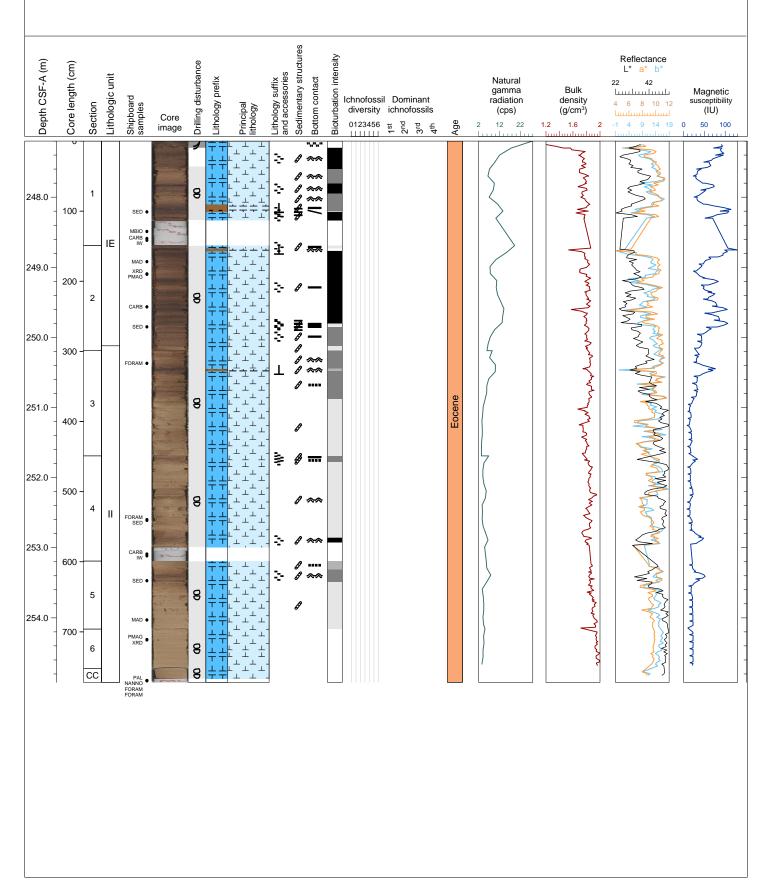
Hole 390-U1556C Core 27X, Interval 237.4-247.18 m (CSF-A)

Core 27 is varied and contains (i) light yellowish brown, light brown, brown, and dark brown (10YR 6/4, 5/4, 4/4, 3/3, 3/2) nannofossil-rich calcareous chalk (ii) brown and very dark brown (7.5YR 5/2, 2.5/2, 4/4, 3/4, 3/2) silty clay, and (iii) layers of brown (7.5YR 4/4, 5/4, 5/3) nannofossil-rich clay with silt and clayey calcareous chalk with nannofossils. There are ranges of color within some of the individual sections. In 3A, dots <3 mm could be microaggregates of clay or calcareous material? In 3A from 50 to 55 cm there are the small clast-like features <3-4 mm in size. In 5A, there is syn-deformation including convolutions, thin laminations, folds (most common 138-143.5 cm), beds and cross cutting; then, all sediments and structures affected by biscuit disturbance. There appears to be clasts of sediment in the convolutions. Bioturbation is often none or sparse but it ranges from none to intense. Drilling disturbance includes slight biscuits throughout the Core.



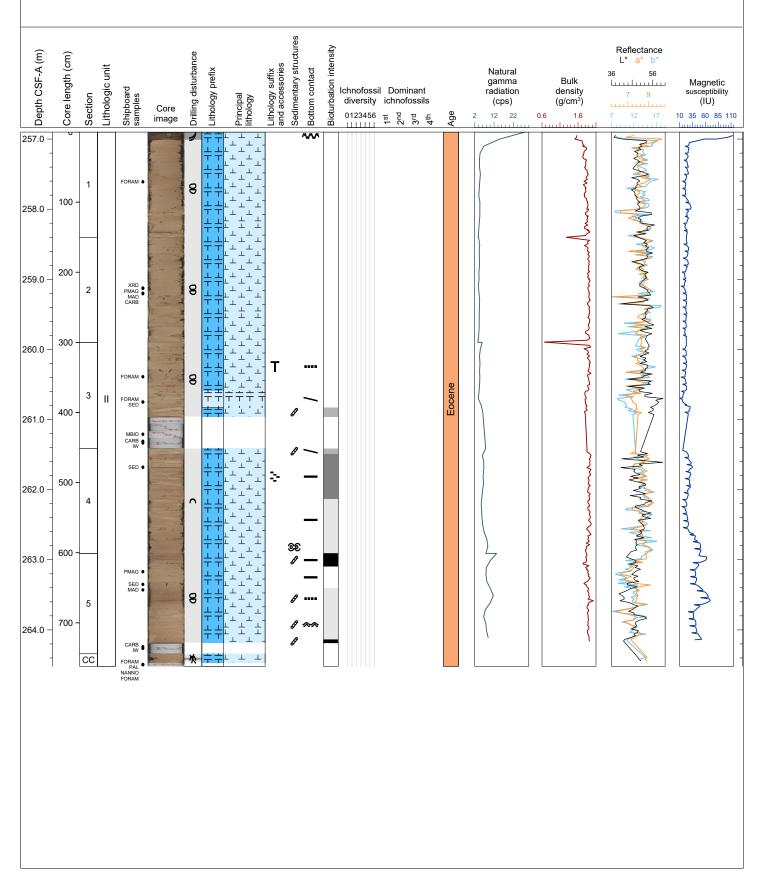
Hole 390-U1556C Core 28X, Interval 247.2-254.92 m (CSF-A)

Core 28X contains mainly (i) light brown to dark brown (7.5YR 3/2 4/3, 3/2, 5/4) nannofossil-rich calcareous chalk. Darker sections are higher in clay content and they range from nannofossil-rich calcareous chalk to clayey calcareous chalk with nannofossils, and (ii) a lesser amount of light brown and pink (7.5YR 6/4, 7/3) nannofossil-rich calcareous chalk. Bioturbation is generally moderate but often high, and ranges from none to high. Drilling disturbance includes slight biscuits throughout the Core and fall-in 1A. Biscuit outlines have returned to ooze and Section 3A, 129 to 150 cm has been ooze-ified.



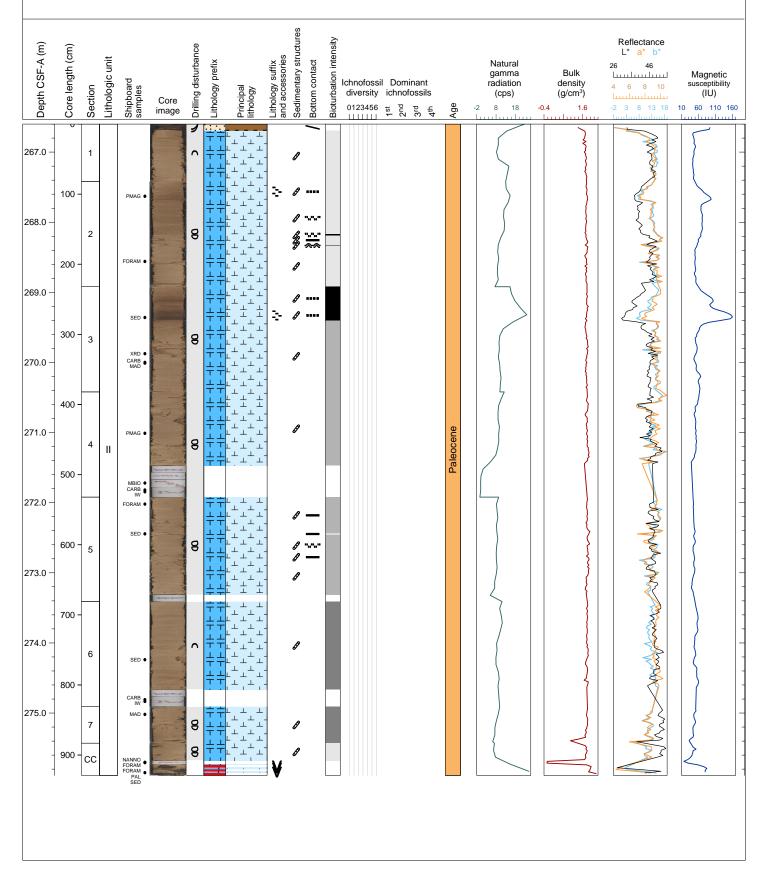
Hole 390-U1556C Core 29X, Interval 256.9-264.52 m (CSF-A)

Core 29X contains mainly light brown to brown (7.5YR 6/4, 4/2) nannofossil-rich calcareous chalk or calcareous nannofossil chalk, very pale brown (10YR 7/3) nannofossil-rich calcareous chalk with foraminifera and foraminifera-nannofossil calcareous chalk. Section 4A contains deformational structures that contain horizontal thin laminations, swirly features, and folding. Bioturbation is generally none (or difficult to observe) but ranges from low to high. Drilling disturbance includes slight biscuits throughout the Core (or up-arching?) and fall-in 1A.

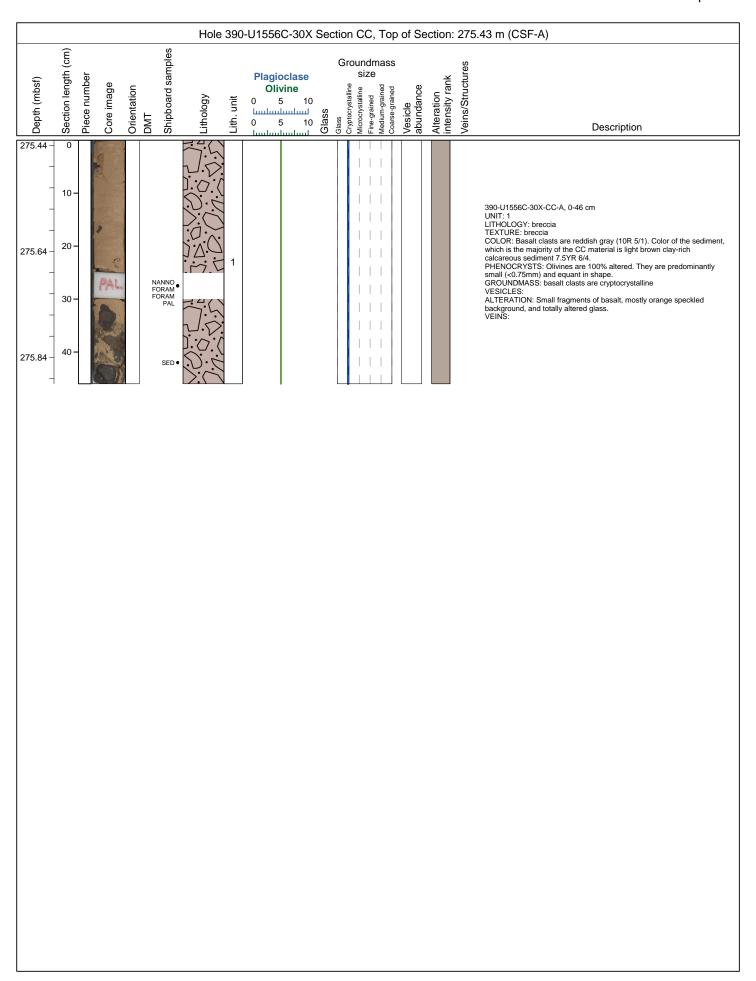


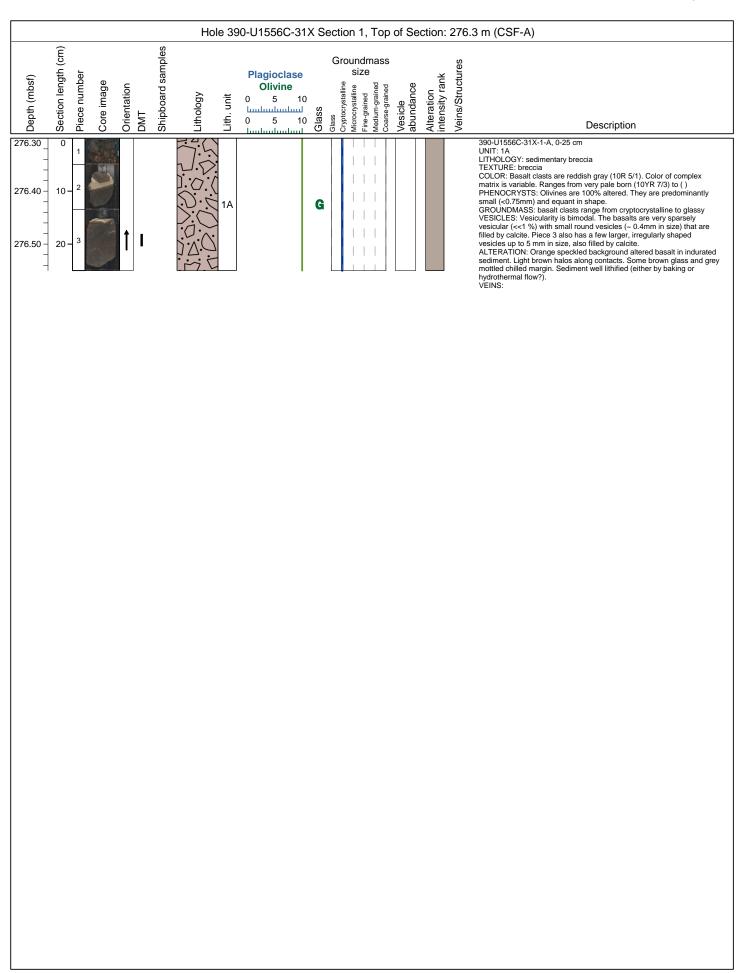
Hole 390-U1556C Core 30X, Interval 266.6-275.89 m (CSF-A)

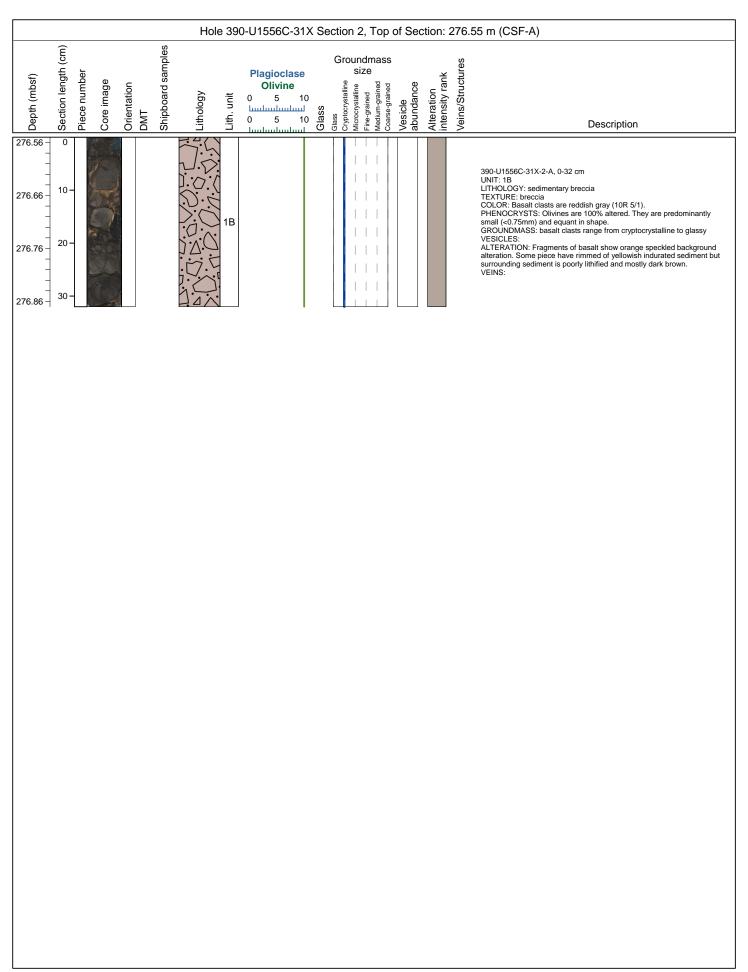
Core 30X contains mainly light brown (7.5YR 6/4, 6/3) nannofossil-rich calcareous chalk. In 3A, there are layers of dark brown (7.5YR 3/3) nannofossil-rich calcareous chalk with clay and foraminifera as an accessory (that is, minor amount). Sections 2A and 5A contain pink (7.5YR 8/3) nannofossil-rich calcareous chalk and foraminifera as an accessory; other sections also may contain thin <1 cm long similar sediments, as noted in comments. Bioturbation ranges from none to high. Drilling disturbance includes slight biscuits and/or up-arching throughout the Core and fall-in 1A. At 31 cm, UNIT III begins with volcanics. From 34 to 37 cm and 40 to 42 cm gray (7.5YR 6/1) there is foraminiferal nannofossil chalk with volcanic glass. Otherwise, in Unit III, the sediment around the volcanics is light brown (7.5YR 6/3) nannofossil-rich calcareous chalk.

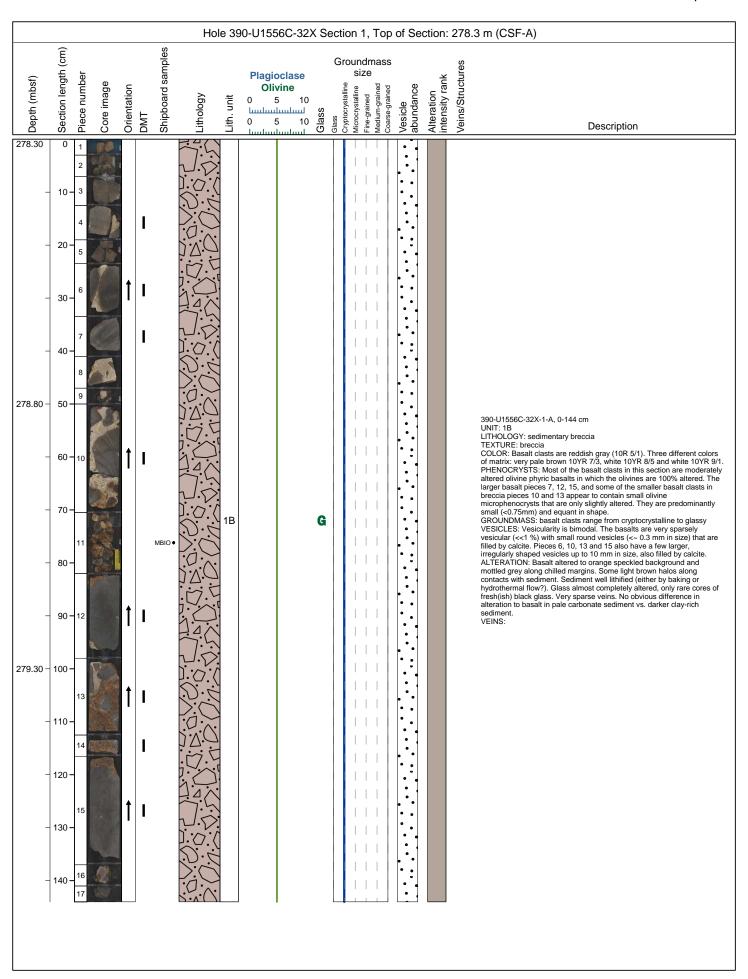


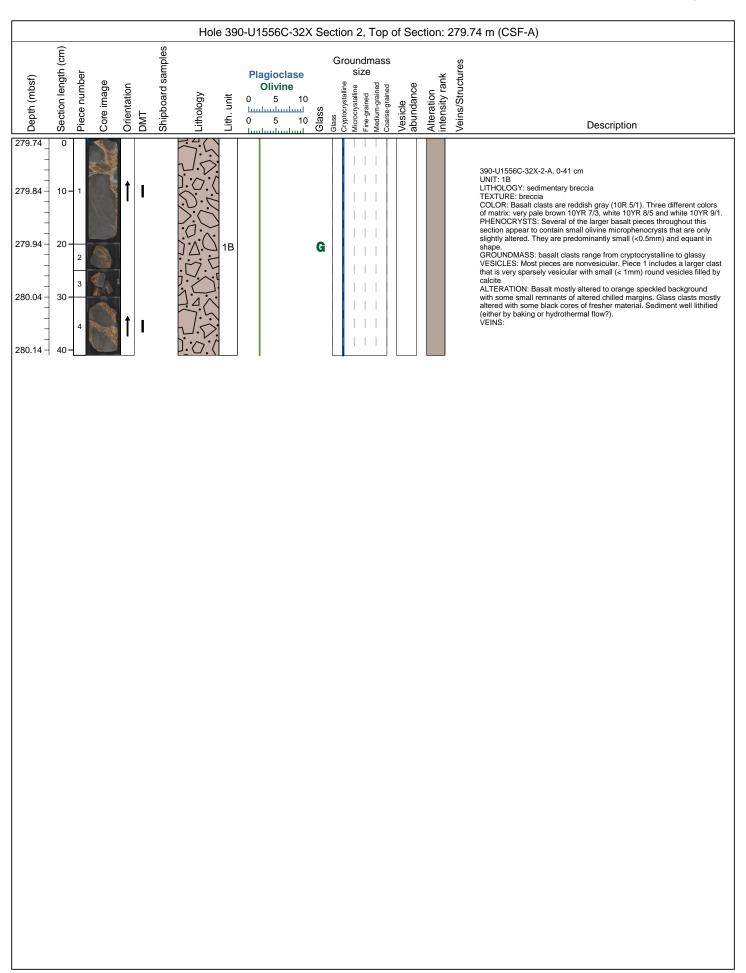
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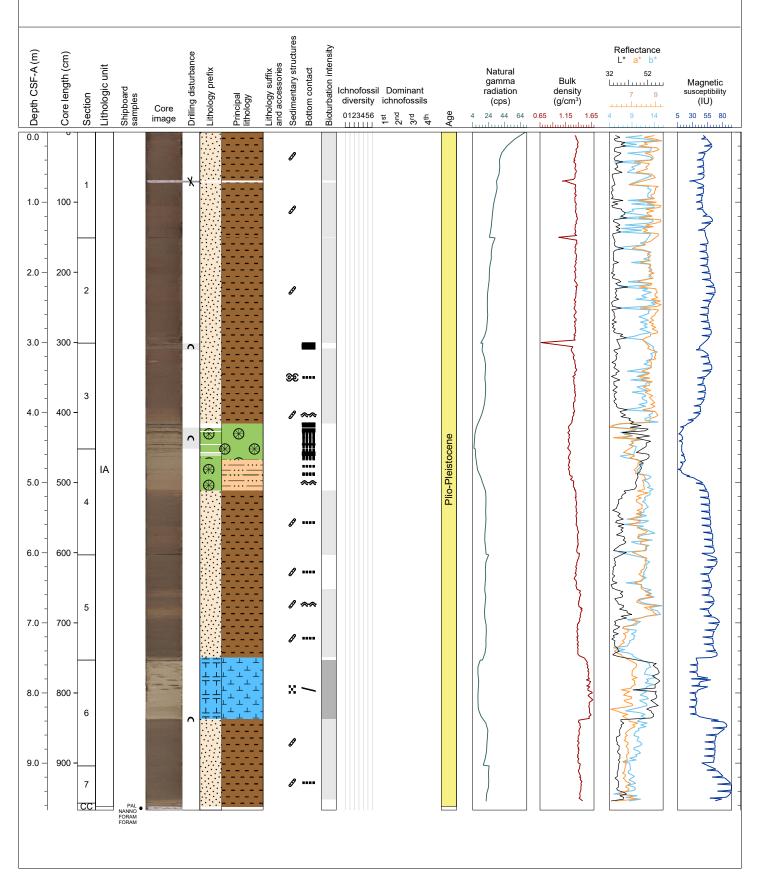






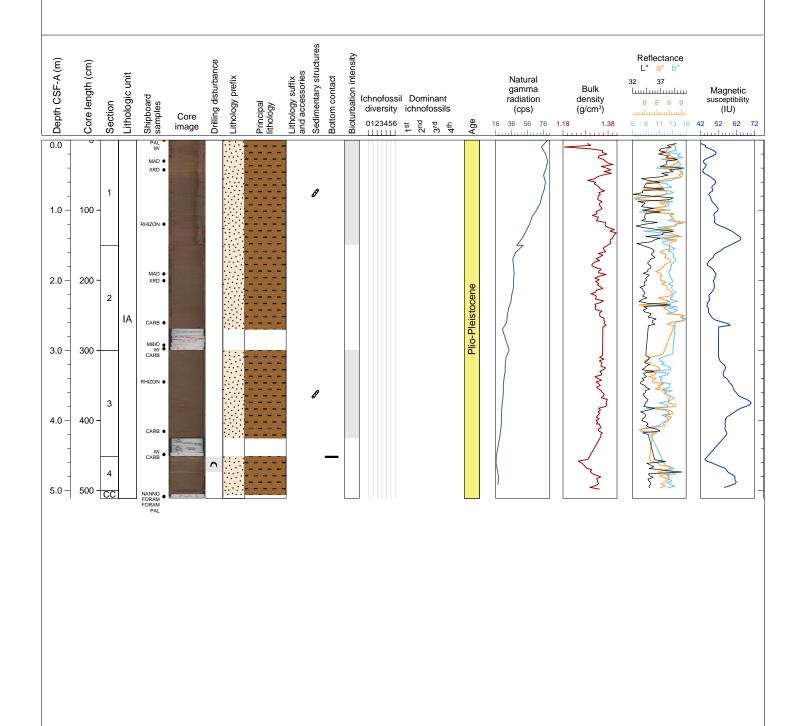
Hole 390-U1556D Core 1H, Interval 0.0-9.67 m (CSF-A)

Core 1H contains mostly brown (7.5YR 4/3) silty clay. In 3A, a portion of alternating greenish black (GLEY 1 2.5/10Y) diatom ooze, pinkish gray (7.5YR 7/2) organic-rich diatom ooze, and greenish black (GLEY 1 2.5/10Y) organic-rich diatom ooze was observed 114-15(4A) cm. There are portions with none to low bioturbation along the whole core. There are void in 1A, and up-arching in 3A and 6A.



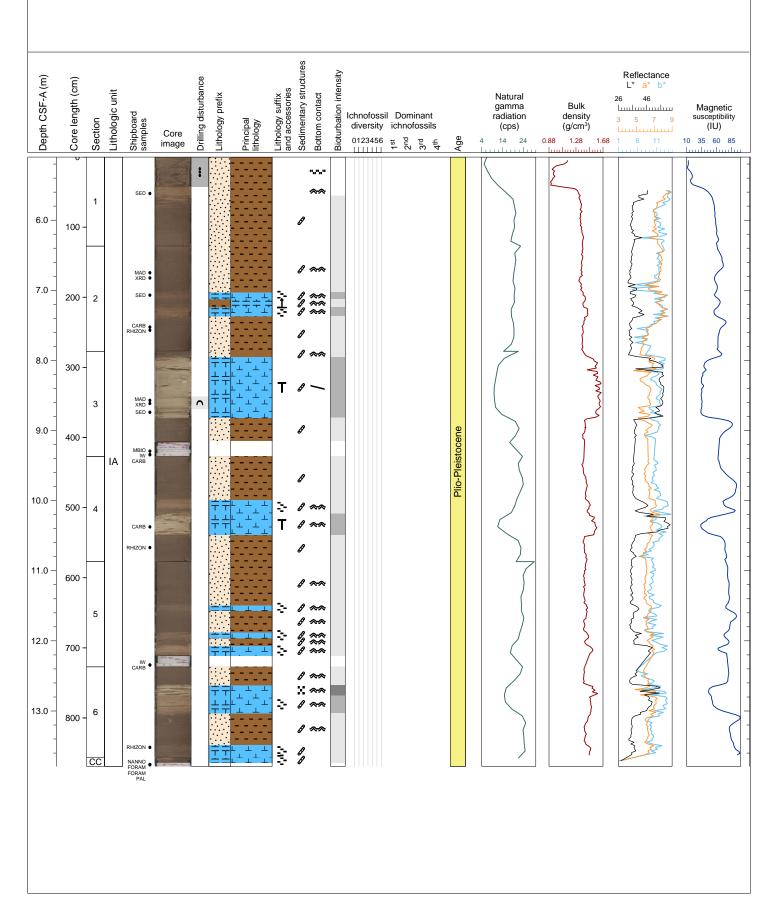
Hole 390-U1556E Core 1H, Interval 0.0-5.11 m (CSF-A)

Core 1H contains mainly (1A to CC) brown (7.5YR 4/3) silty clay. Section 4A(0-7.5cm) contains alternating dark brown (7.5YR 3/4) silty clay, pinkish gray (7.5YR 7/2) silty clay, and dark brown (7.5YR 3/4) silty clay. For much of the Core bioturbation is none. Drilling disturbances include slight up-arching in 4A.



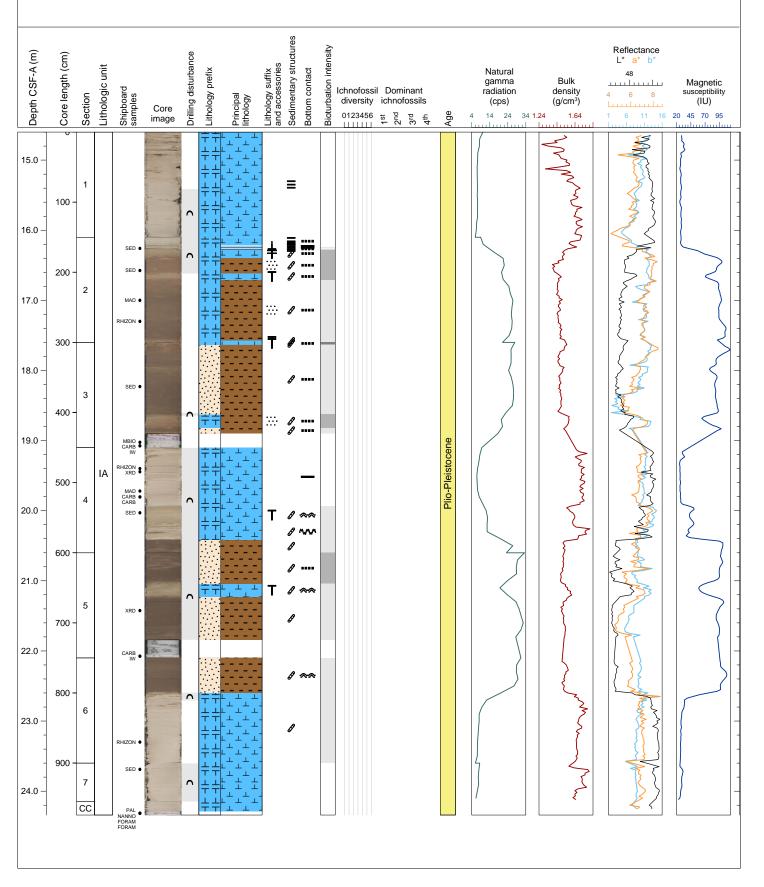
Hole 390-U1556E Core 2H, Interval 5.1-13.79 m (CSF-A)

Core 2H contains mainly brown (7.5YR 4/3) silty clay and pinkish white (7.5YR 8/2) calcareous nannofossil ooze with foraminifera in 3A, 4A and 6A. Organic rich thin lamination and mottling are mainly observed in 3A. Drilling disturbance includes slight signs of up-arching in 3A, and severe soupy in 1A.



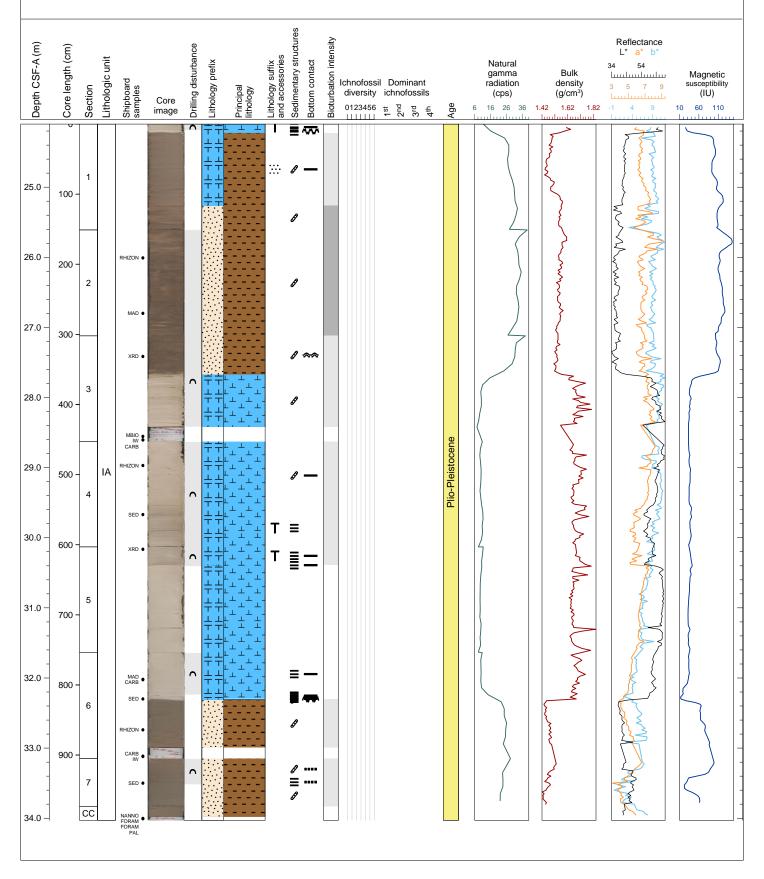
Hole 390-U1556E Core 3H, Interval 14.6-24.34 m (CSF-A)

Core 3H is varied and contains brown (7.5YR 4/3, 5/3, 4/2) silty clay, pinkish white (7.5YR 8/2) calcareous nannofossil ooze, light brown (7.5YR 6/3) calcareous clay with silt, light brown (7.5YR 6/3) calcareous nannofossil ooze with foraminifera, and in 2A notable layers of GLEY 1 5/10Y (greenish gray) calcareous foraminiferal ooze with nannofossils. Darker greenish gray (GLEY 1) faint thin to thick laminations or dustings of calcareous nannofossil ooze are assumed to be foraminifera rich given the smear slide in 2A. Bioturbation is generally either none or sparse or low. Drilling disturbance includes slight up-arching throughout the core.



Hole 390-U1556E Core 4H, Interval 24.1-34.03 m (CSF-A)

Core 4H is varied and contains brown (7.5YR 5/2, 4/2) silty clay, silty clay grayish brown (10YR 5/2) silty clay (in 5A to CC), and pinkish white (7.5YR 8/2) calcareous nannofossil ooze. In 4A and 5A, thin to thick laminations cause the sections are associated with pinkish gray (7.5YR 7/2) calcareous nannofossil ooze with foraminiferal nannofossil ooze (7.5YR 5/2 brown) and in 6A there is GLEY 1 8/5GY (light greenish gray) nannofossil-rich foraminiferal ooze . Bioturbation is generally none or sparse. Drilling disturbance includes slight up-arching throughout the core.



Hole 390-U1556E Core 5H, Interval 33.6-43.43 m (CSF-A)

Core 5H contains mainly almost all brown or light brown (7.5YR 6/3, 5/3,4/3, 4/2) silty clay. In 4A, from 3.5 to 19.5 cm, there are prominent laminations, which are diatom-rich silty clay. The color of the laminations is mainly 7.5YR 8/2, with some perhaps between 8/1 and 8/2. These laminations are within 7.5YR 6/3 (light brown) silty clay. Bioturbation is generally sparse or none but in places also low or moderate. Drilling disturbance includes fall in 1A and slight up-arching in 4A.

