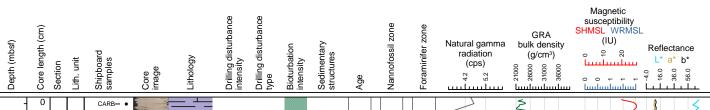
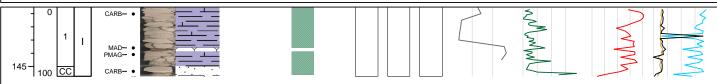
Visual core descriptio Hole 397T-U1585A Core 1R, Interval 0.0-0.0 m (CSF-A)														
NO F	RECOVERY 0-0.9 m			Hole 39	17 I -U1	1585A	Core 1	IR, Int	erval 0	0.0-0.0	m (CSF-A)			
Depth (mbsf)	Core length (cm) Section Lith. unit Shipboard samples	Core	Lithology	Drilling disturbance intensity	Drilling disturbance type	Bioturbation intensity	Sedimentary structures	Age	Nannofossil zone	Foraminifer zone	Natural gamma radiation (cps)	GRA bulk density (g/cm³) 50 50 50 10	Magnetic susceptibility SHMSL WRMSL (IU) F	Reflectance L* a* b* S S S C C

						11-1- 0	07T I	45054	0	24 1	1 0	0.00	(OOF A)		Visual core	
DDILL	ED INT	EDV	AL 0.0.14	14.1 m		Hole 3	9/1-0	1585/	Core	21, Inte	ervai u	.9-0.9	m (CSF-A)			
DRILL	ED IN I	ERV	AL 0.9-14	14.1 m												
						Ф	ø								Magnetic	
_	(cm)					Drilling disturbance intensity	Drilling disturbance type		_		Nannofossil zone	zone	Natural gamma	GRA	susceptibility SHMSL WRMSI (IU)	
(mbs	Core length (cm) Section	ŧ	oard es		gy	g distu ty	g distu	Bioturbation intensity	Sedimentary structures		fossil	Foraminifer zone	radiation (cps)	bulk density (g/cm³)	(10)	Reflectance L* a* b*
Depth (mbsf)	Core ler Section	Lith. unit	Shipboard samples	Core image	Lithology	rilling Itensi	rilling	ioturk Itensi	edim	Age	anno	oram	0.25 0.25 0.5 0.75	0.25	0 0 + + +	0.03
	0 0		0) σ	0.5		□ .⊑		ш.⊑	<i>σ</i> σ	٩		ш	لسلسلسلسل	шишишиш		لتلتلتك

Hole 397T-U1585A Core 3R, Interval 144.1-145.15 m (CSF-A)

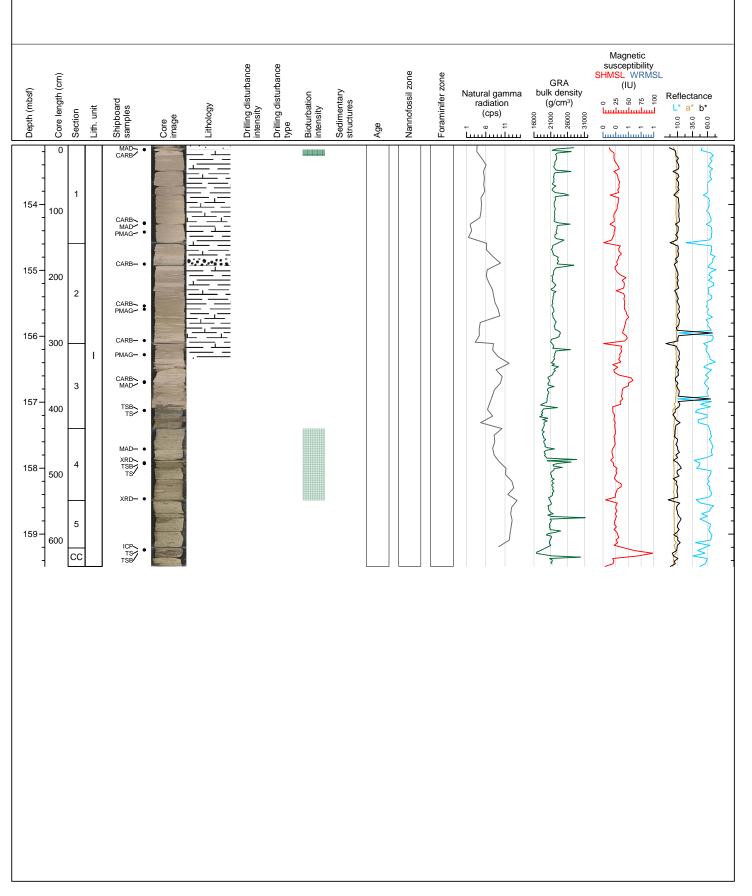
Highly bioturbated alternating whitish to pale green nannofossil chalk with thin arenaceous volcanogenic intercalations, and occasional red chert (Unit I).

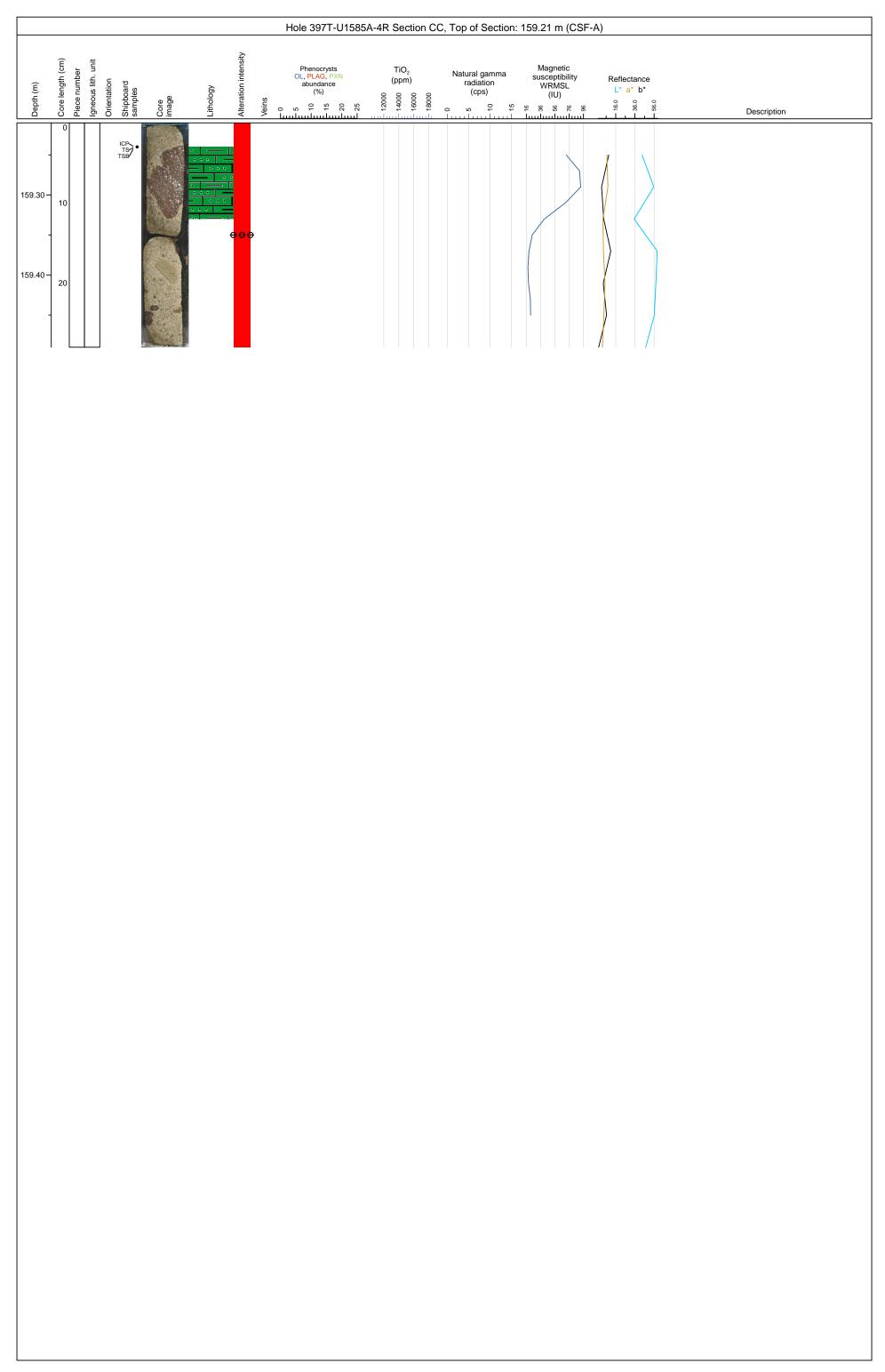




Hole 397T-U1585A Core 4R, Interval 153.1-159.49 m (CSF-A)

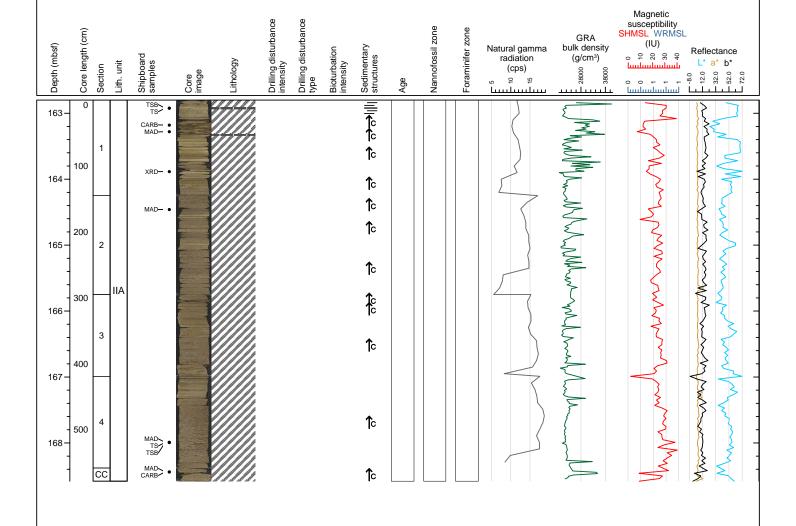
Highly bioturbated alternating whitish to pale green nannofossil chalk with thin arenaceous volcanogenic intercalations, and occasional red chert (Unit I); and ash and lapillistone containing varying proportions of dominantly green to reddened (oxidized) scoria, pumice and altered basaltic lithics, and minor chalk component (Subunit IIA). Unit boundary at 157.02 mbsf.





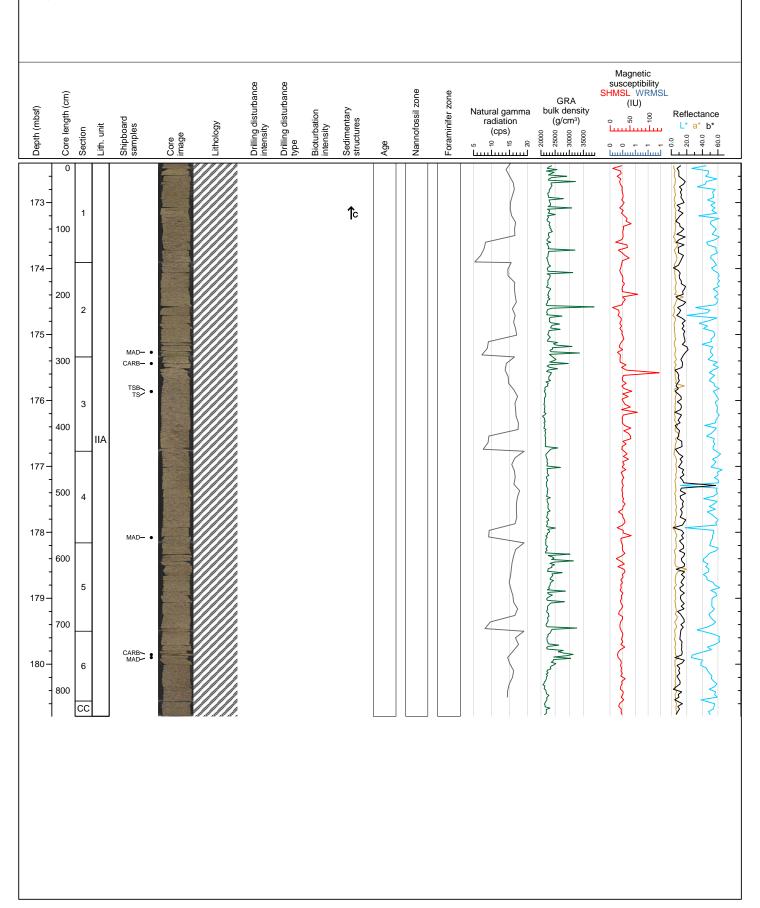
Hole 397T-U1585A Core 5R, Interval 162.8-168.58 m (CSF-A)

Ash and lapillistone containing varying proportions of dominantly green to reddened (oxidized) scoria, pumice and altered basaltic lithics, and minor chalk component (Subunit IIA).



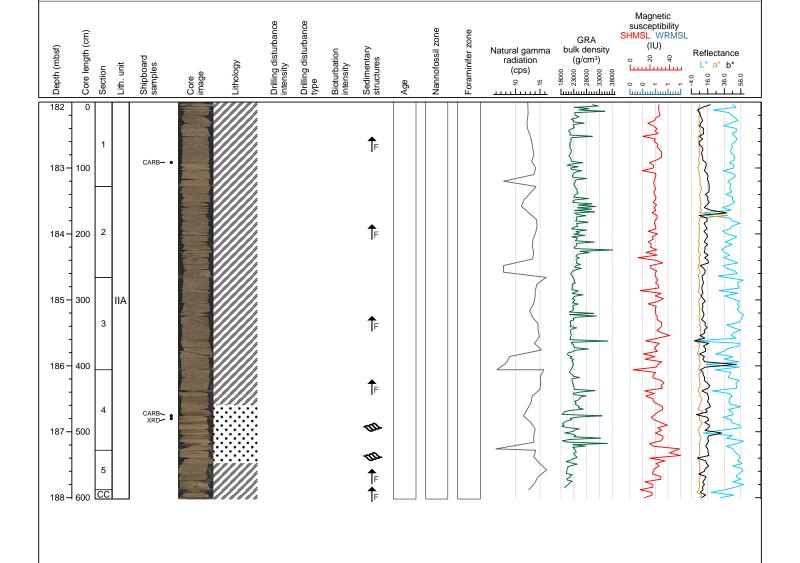
Hole 397T-U1585A Core 6R, Interval 172.4-180.79 m (CSF-A)

Ash and lapillistone containing varying proportions of dominantly green to reddened (oxidized) scoria, pumice and altered basaltic lithics, and minor chalk component (Subunit IIA).



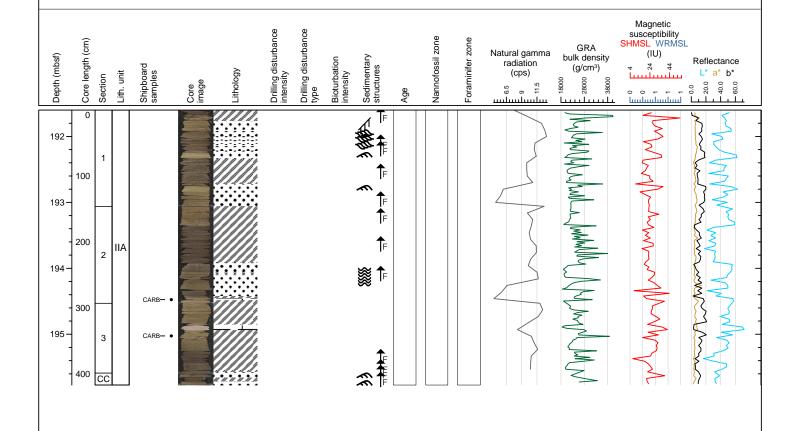
Hole 397T-U1585A Core 7R, Interval 182.0-188.02 m (CSF-A)

Ash and lapillistone containing varying proportions of dominantly green to reddened (oxidized) scoria, pumice and altered basaltic lithics, and minor chalk component (Subunit IIA).

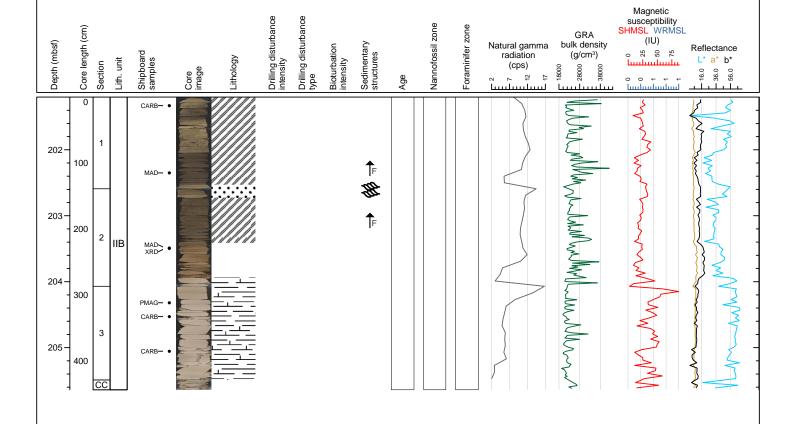


Hole 397T-U1585A Core 8R, Interval 191.6-195.77 m (CSF-A)

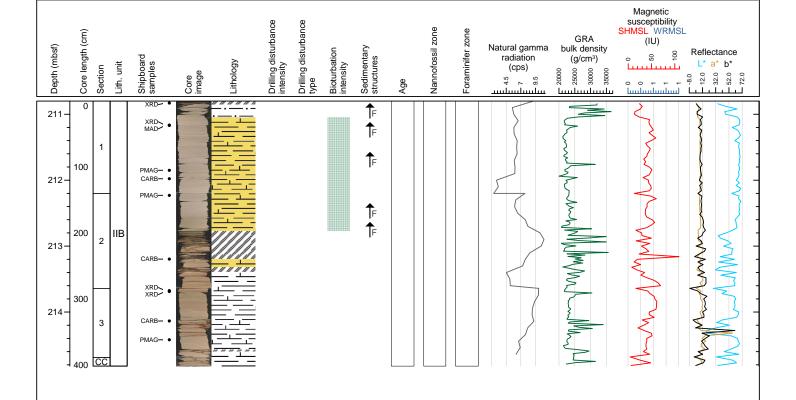
Ash and lapillistone containing varying proportions of dominantly green to reddened (oxidized) scoria, pumice and altered basaltic lithics, and minor chalk component (Subunit IIA); and reworked ash and lapillistone containing varying proportions of dominantly green to reddened (oxidized) scoria, pumice and altered basaltic lithics with thick chalk intervals (Subunit IIB). Subunit boundary at 194.80 mbsf.



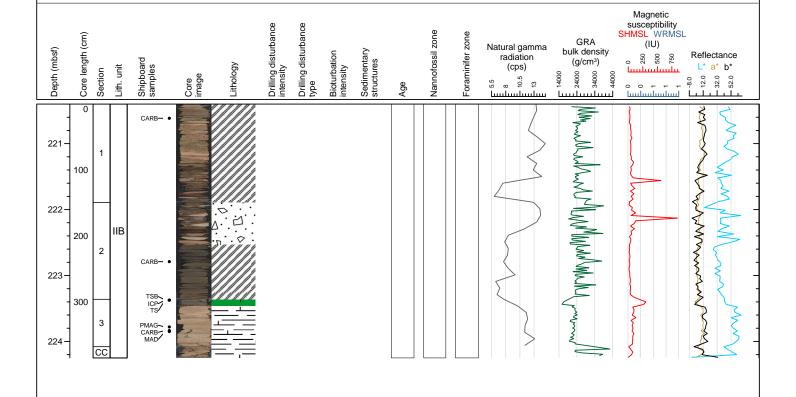
Hole 397T-U1585A Core 9R, Interval 201.2-205.64 m (CSF-A)



Hole 397T-U1585A Core 10R, Interval 210.8-214.82 m (CSF-A)

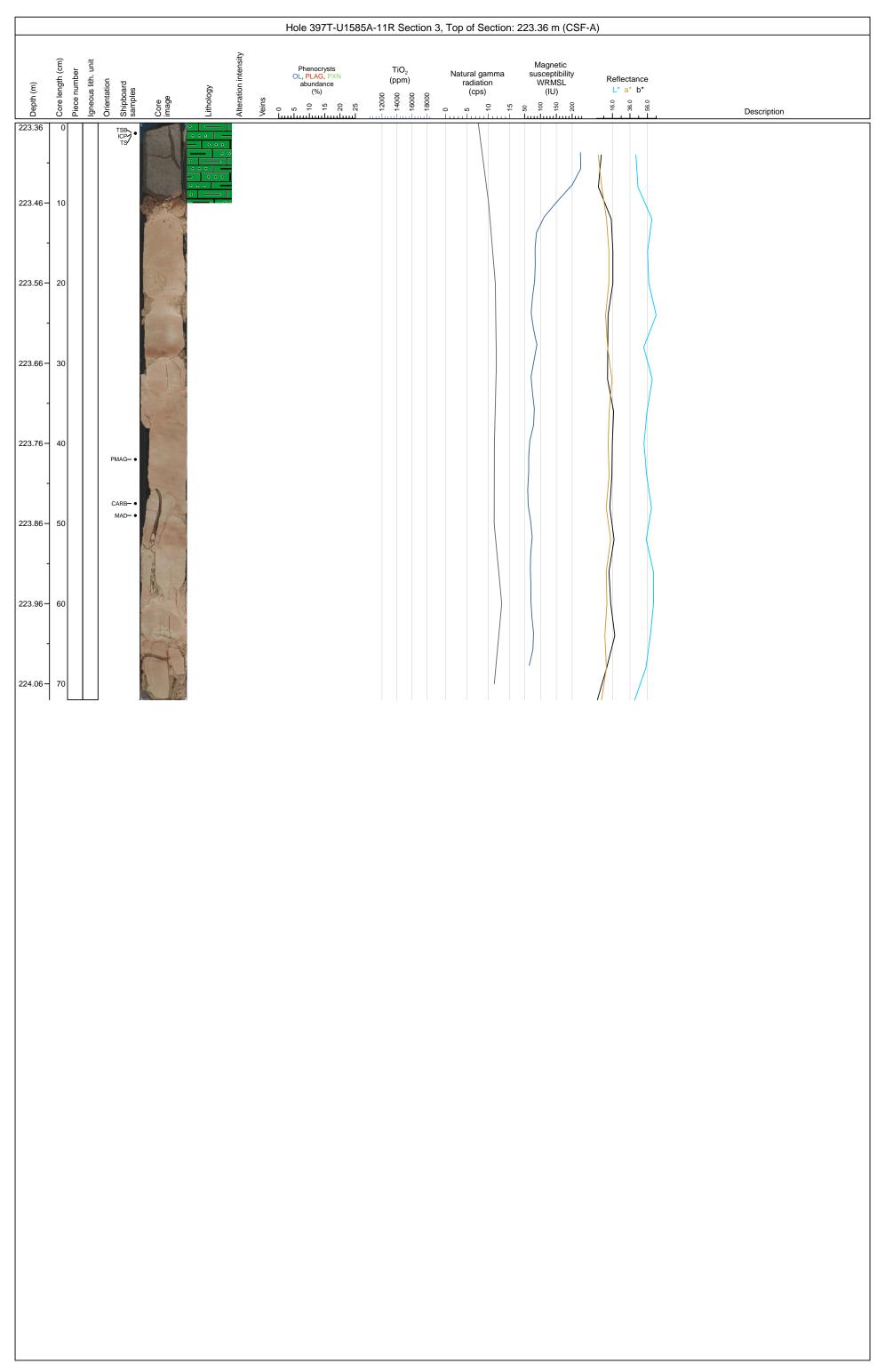


Hole 397T-U1585A Core 11R, Interval 220.4-224.25 m (CSF-A)

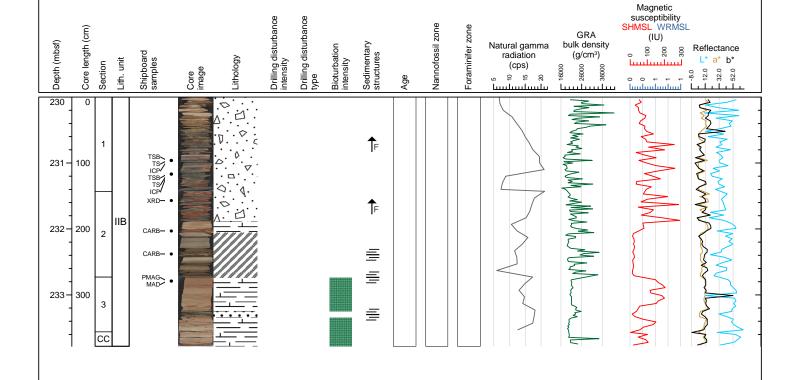


Site U1585

Visual core descriptions

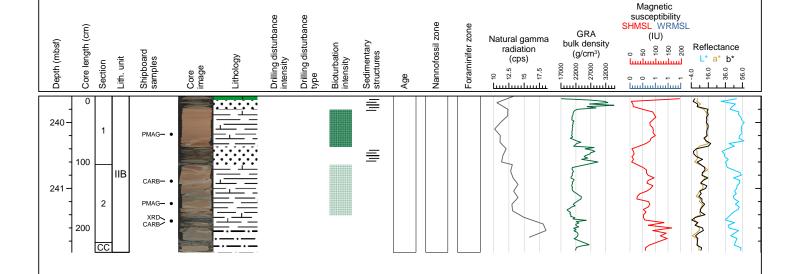


Hole 397T-U1585A Core 12R, Interval 230.0-233.78 m (CSF-A)



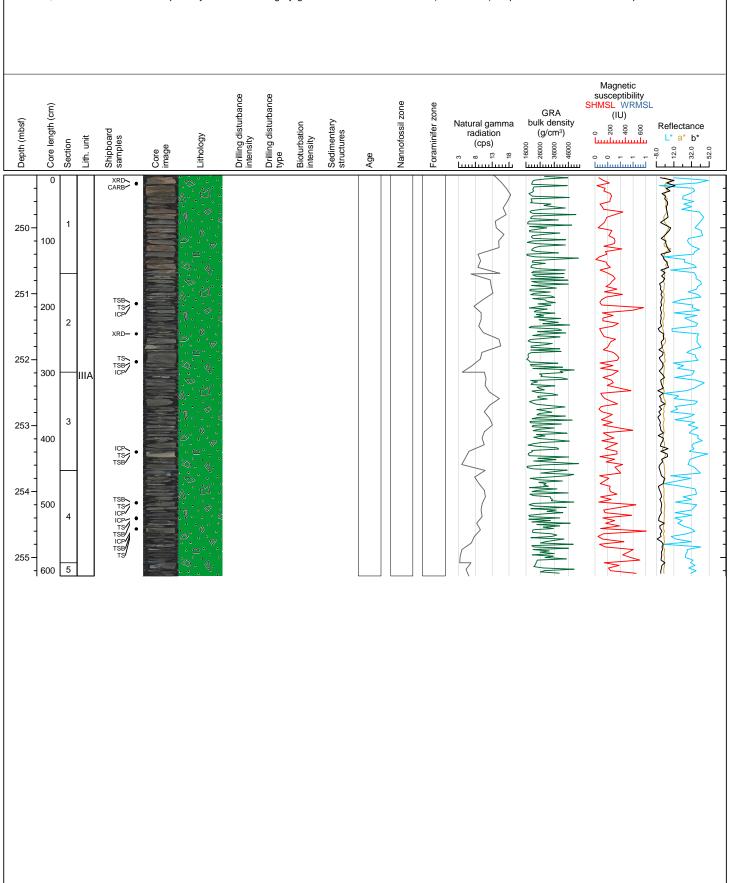
Hole 397T-U1585A Core 13R, Interval 239.6-241.97 m (CSF-A)

Reworked ash and lapillistone containing varying proportions of dominantly green to reddened (oxidized) scoria, pumice and altered basaltic lithics with thick chalk intervals (Subunit IIB). Bottom of Unit II defined at the bottom of this core's cored interval, 249.2 mbsf.



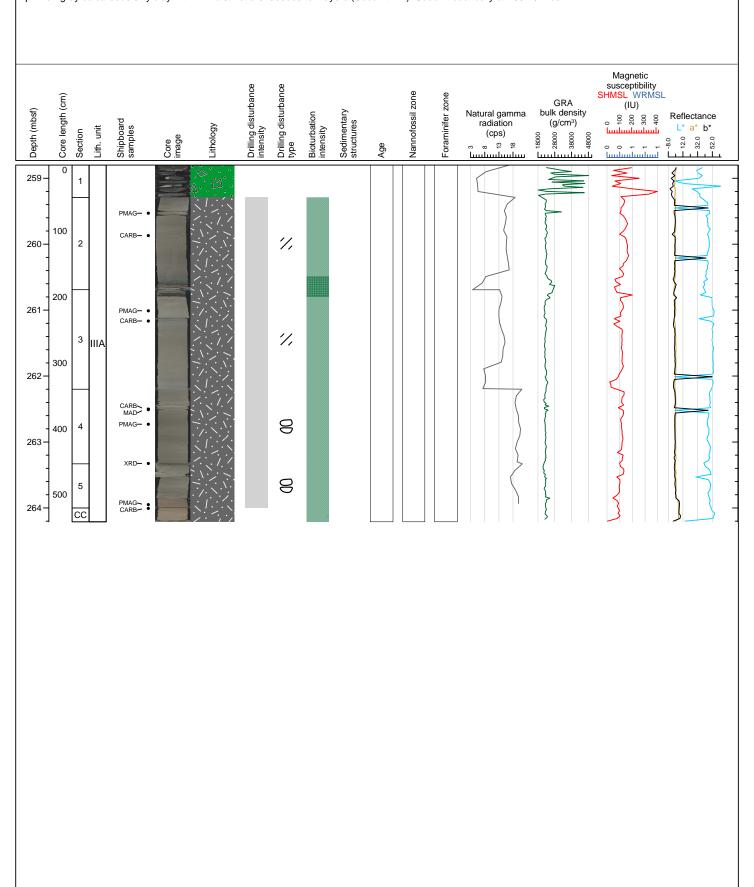
Hole 397T-U1585A Core 14R, Interval 249.2-255.28 m (CSF-A)

Massive, unsorted basaltic breccia partially cemented with gray-green micrite and basaltic ash (Subunit IIIA). Top of Unit III defined at the top of this core.



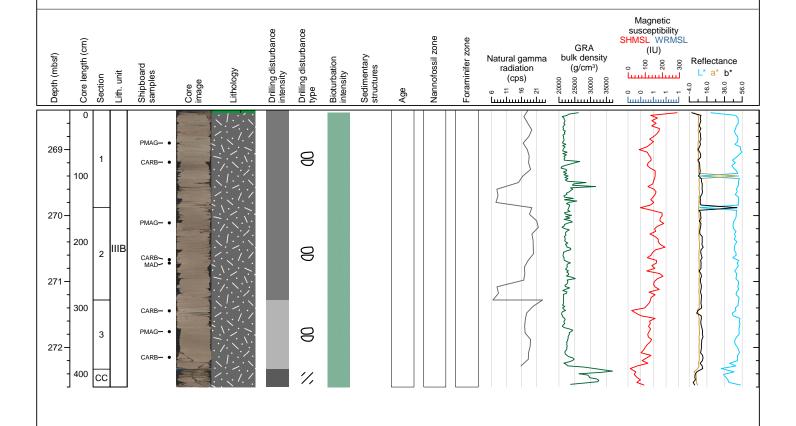
Hole 397T-U1585A Core 15R, Interval 258.8-264.21 m (CSF-A)

Massive, unsorted basaltic breccia partially cemented with gray-green micrite and basaltic ash (Subunit IIIA); and highly bioturbated alternating gray-green to pinkish-gray calcareous silty clay with with distinct arenaceous tuff layers (Subunit IIIB). Subunit boundary at 259.29 mbsf.



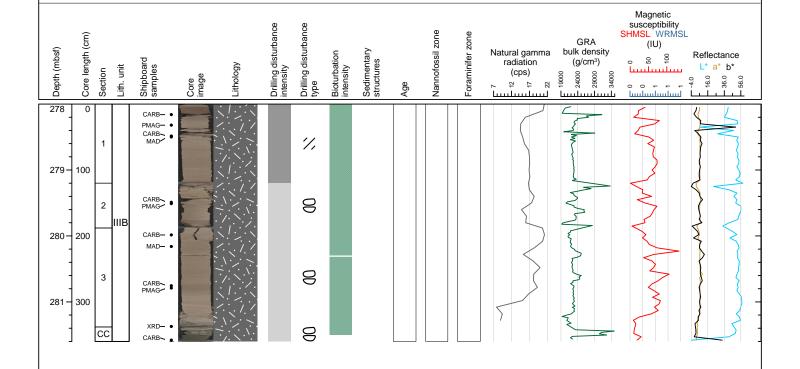
Hole 397T-U1585A Core 16R, Interval 268.4-272.6 m (CSF-A)

Highly bioturbated alternating gray-green to pinkish-gray calcareous silty clay with with distinct arenaceous tuff layers (Subunit IIIB).



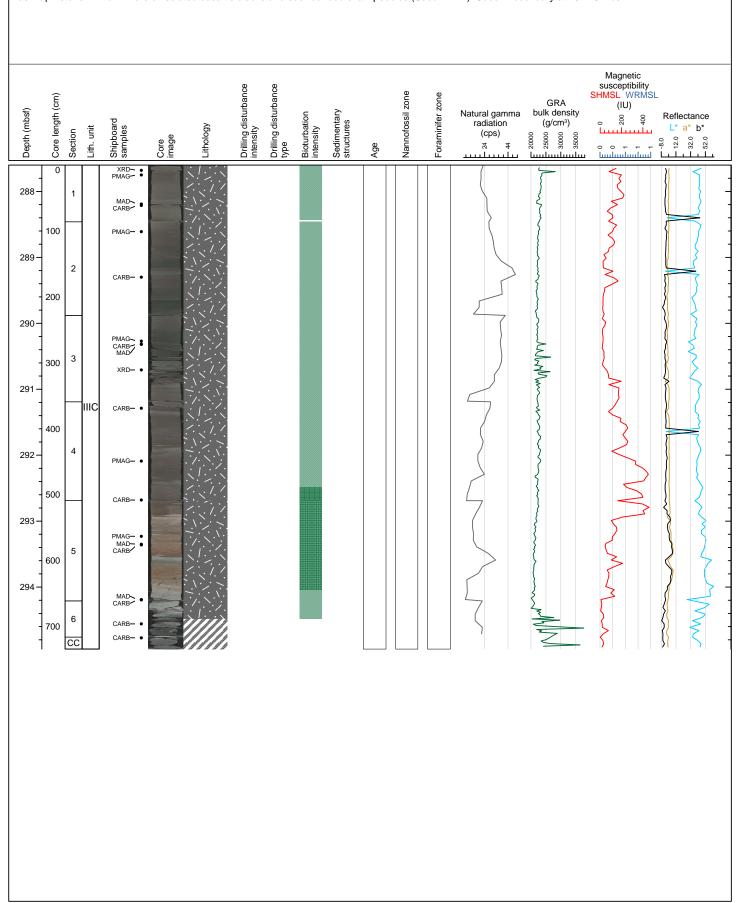
Hole 397T-U1585A Core 17R, Interval 278.0-281.6 m (CSF-A)

Highly bioturbated alternating gray-green to pinkish-gray calcareous silty clay with with distinct arenaceous tuff layers (Subunit IIIB); and alternating dark gray to greenish gray claystone (Subunit IIIC). Subunit boundary at 281.50 mbsf.



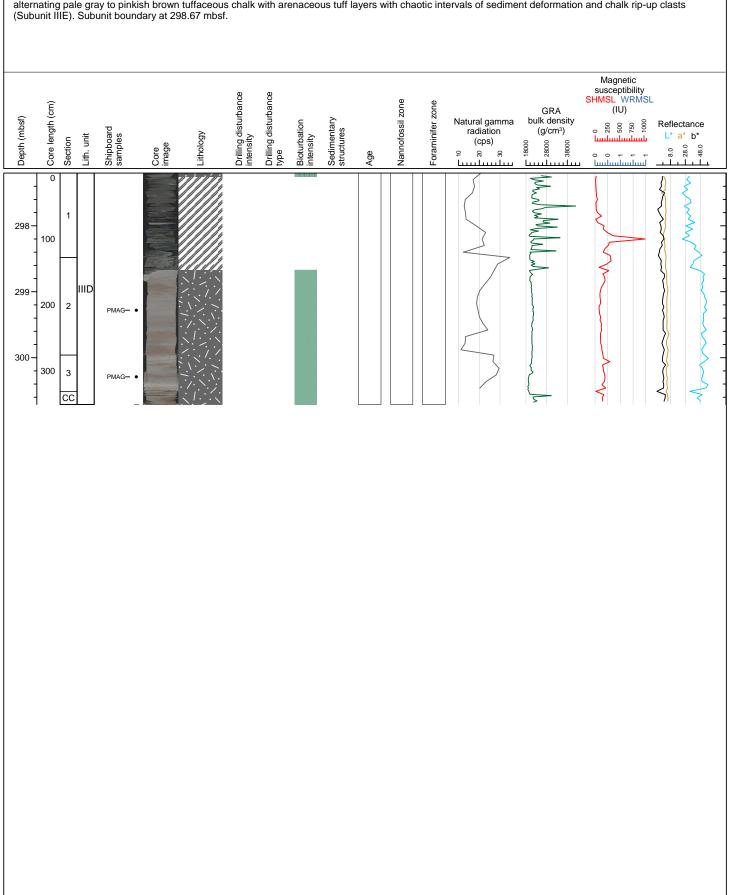
Hole 397T-U1585A Core 18R, Interval 287.6-294.94 m (CSF-A)

Alternating dark gray to greenish gray claystone with basal interval of chaotic gray to buff argillaceous chalk (Subunit IIIC); and Massive, unsorted scoria and ash lapillistone with a mixture of isolated basaltic blocks and sub-rounded chalk pebbles (Subunit IIID). Subunit boundary at 294.48 mbsf.



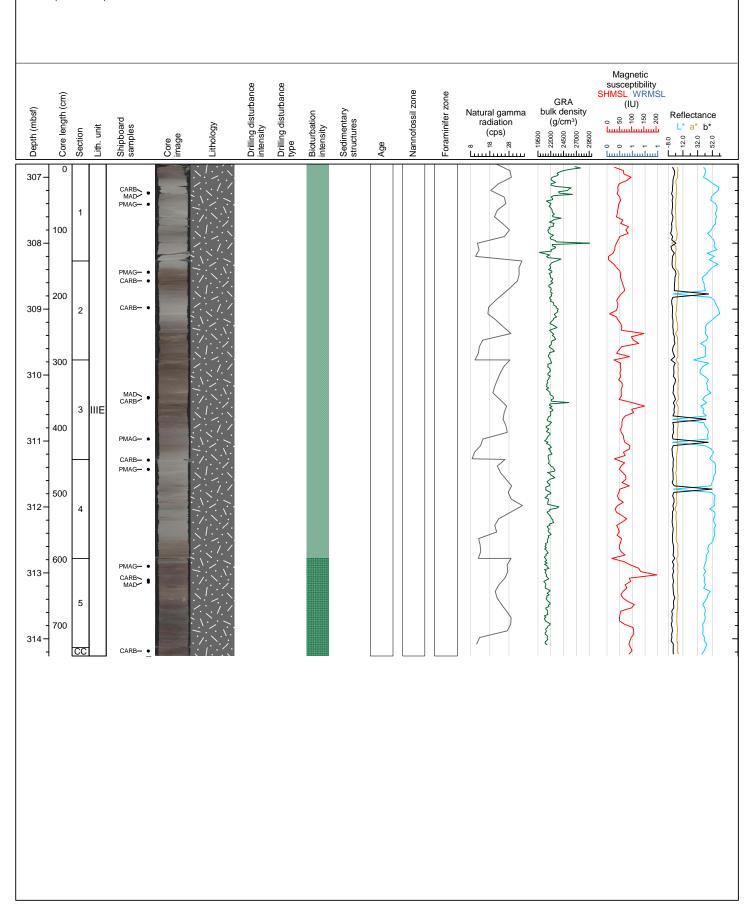
Hole 397T-U1585A Core 19R, Interval 297.2-300.71 m (CSF-A)

Massive, unsorted scoria and ash lapillistone with a mixture of isolated basaltic blocks and sub-rounded chalk pebbles (Subunit IIID) and bioturbated alternating pale gray to pinkish brown tuffaceous chalk with arenaceous tuff layers with chaotic intervals of sediment deformation and chalk rip-up clasts (Subunit IIIE). Subunit boundary at 298.67 mbsf.



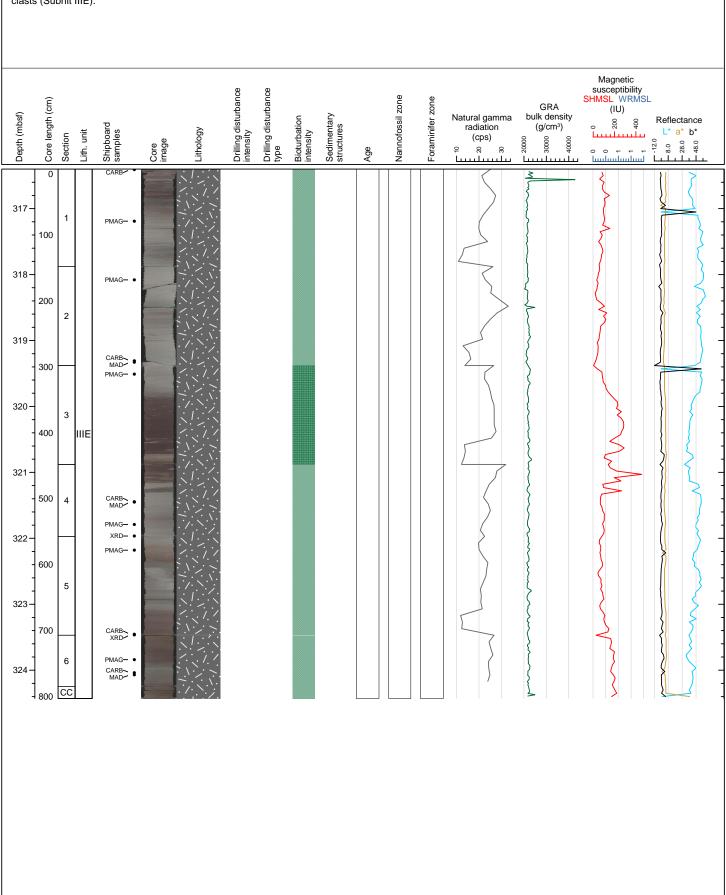
Hole 397T-U1585A Core 20R, Interval 306.8-314.26 m (CSF-A)

Bioturbated alternating pale gray to pinkish brown tuffaceous chalk with arenaceous tuff layers with chaotic intervals of sediment deformation and chalk rip-up clasts (Subnit IIIE).



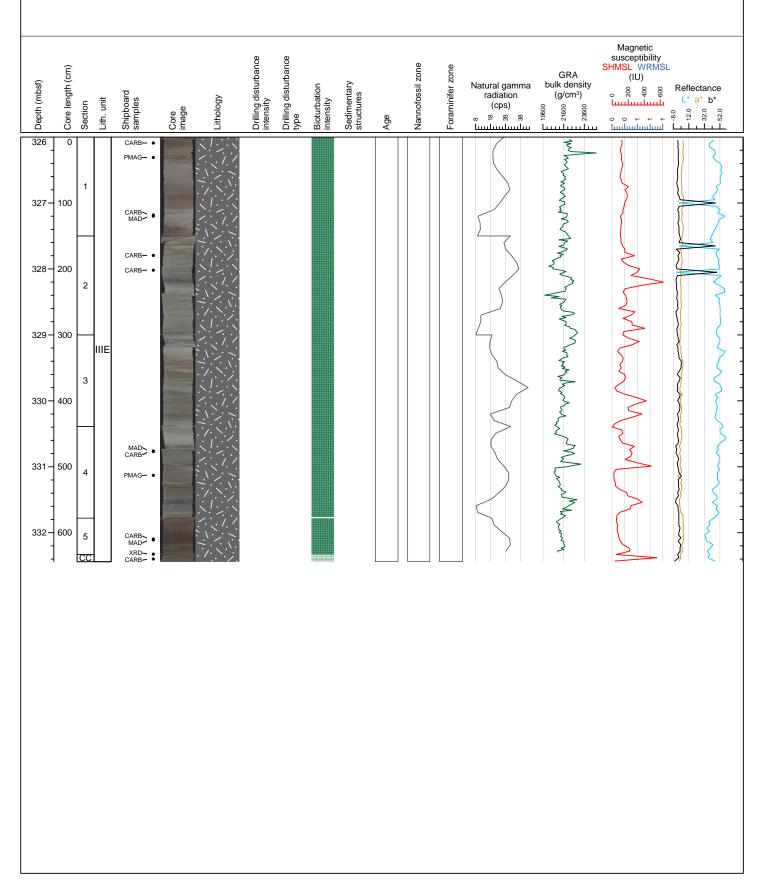
Hole 397T-U1585A Core 21R, Interval 316.4-324.43 m (CSF-A)

Bioturbated alternating pale gray to pinkish brown tuffaceous chalk with arenaceous tuff layers with chaotic intervals of sediment deformation and chalk rip-up clasts (Subnit IIIE).



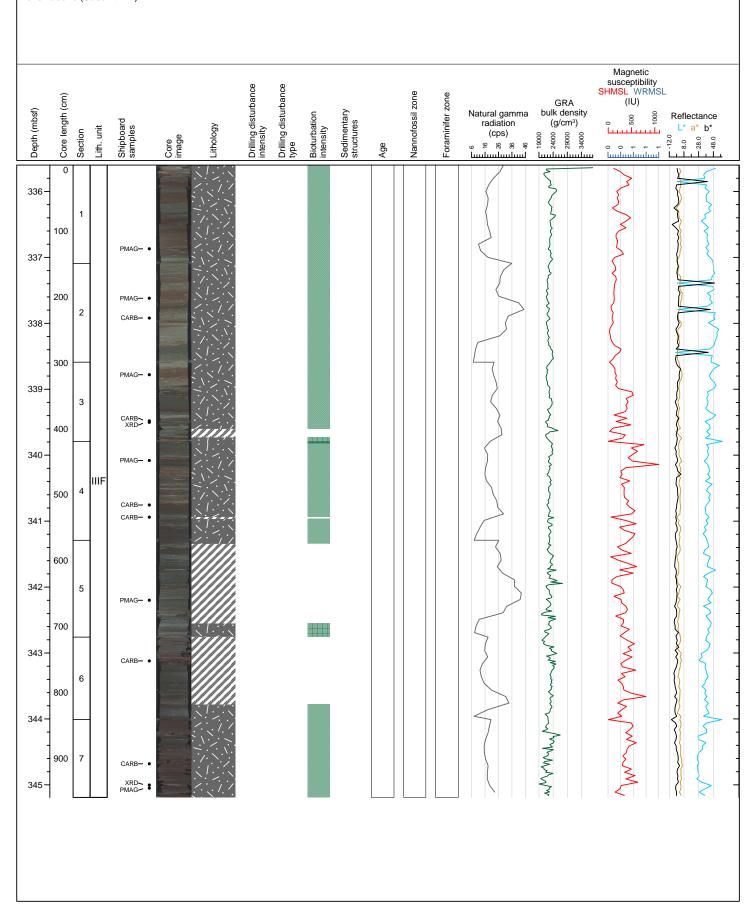
Hole 397T-U1585A Core 22R, Interval 326.0-332.44 m (CSF-A)

Bioturbated alternating pale gray to pinkish brown tuffaceous chalk with arenaceous tuff layers with chaotic intervals of sediment deformation and chalk rip-up clasts (Subunit IIIE); and highly bioturbated alternating dark greenish-gray to dark reddish brown tuffeacous, carbonate-rich silty sand and thicker arenaceous volcaniclastic layers with shell debris (Subunit IIIF). Subunit boundary at 331.76 mbsf.



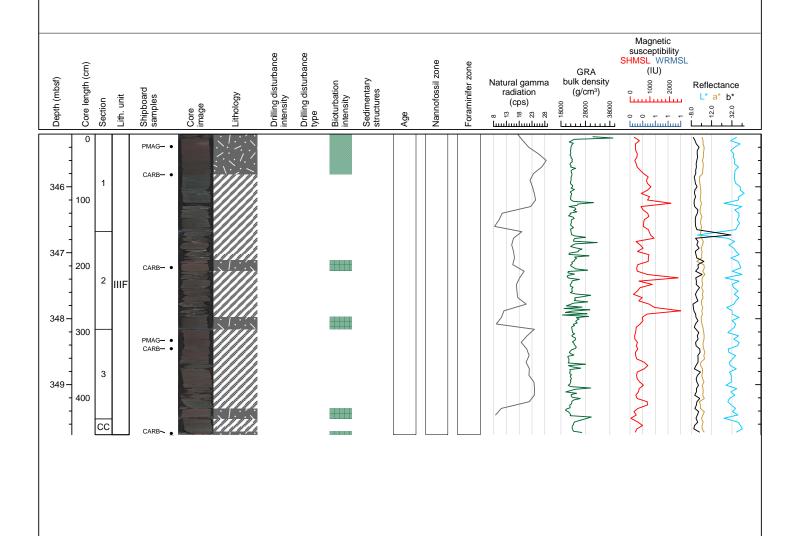
Hole 397T-U1585A Core 23R, Interval 335.6-345.19 m (CSF-A)

Highly bioturbated alternating dark greenish-gray to dark reddish brown tuffeacous, carbonate-rich silty sand and thicker arenaceous volcaniclastic layers with shell debris (Subunit IIIF).



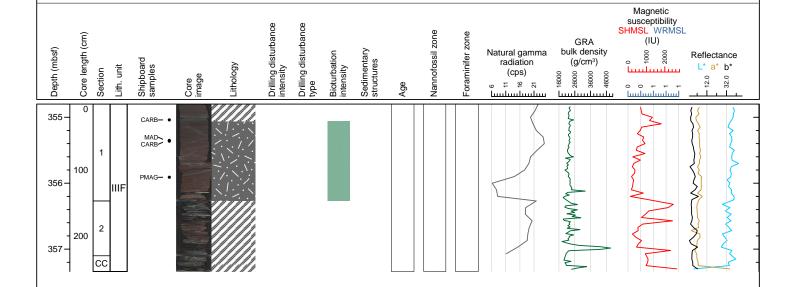
Hole 397T-U1585A Core 24R, Interval 345.2-349.76 m (CSF-A)

Highly bioturbated alternating dark greenish-gray to dark reddish brown tuffeacous, carbonate-rich silty sand and thicker arenaceous volcaniclastic layers with shell debris (Subunit IIIF).



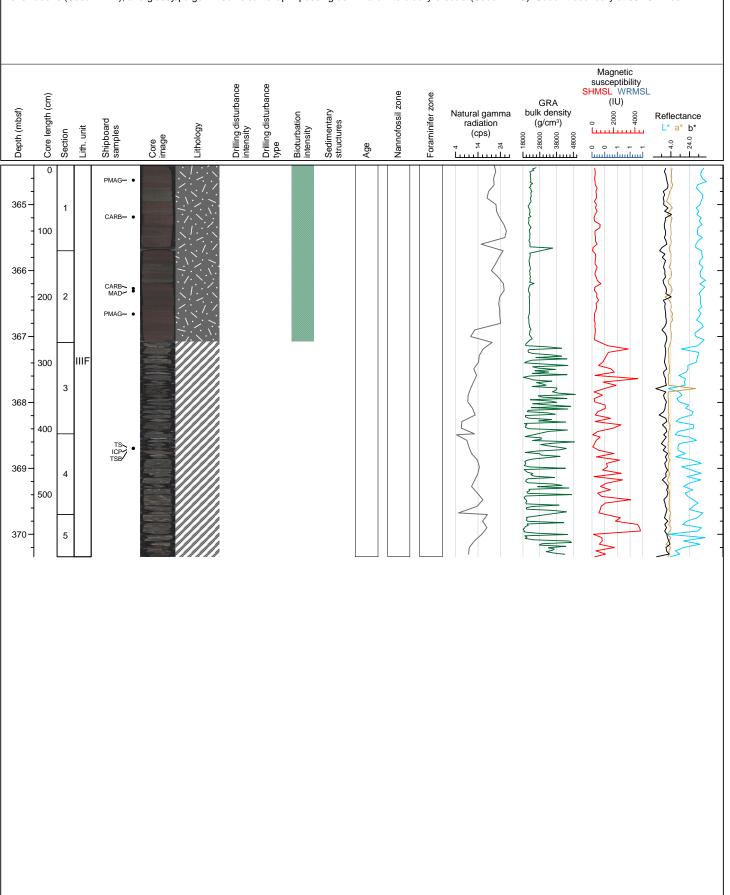
Hole 397T-U1585A Core 25R, Interval 354.8-357.34 m (CSF-A)

Highly bioturbated alternating dark greenish-gray to dark reddish brown tuffeacous, carbonate-rich silty sand and thicker arenaceous volcaniclastic layers with shell debris (Subunit IIIF).



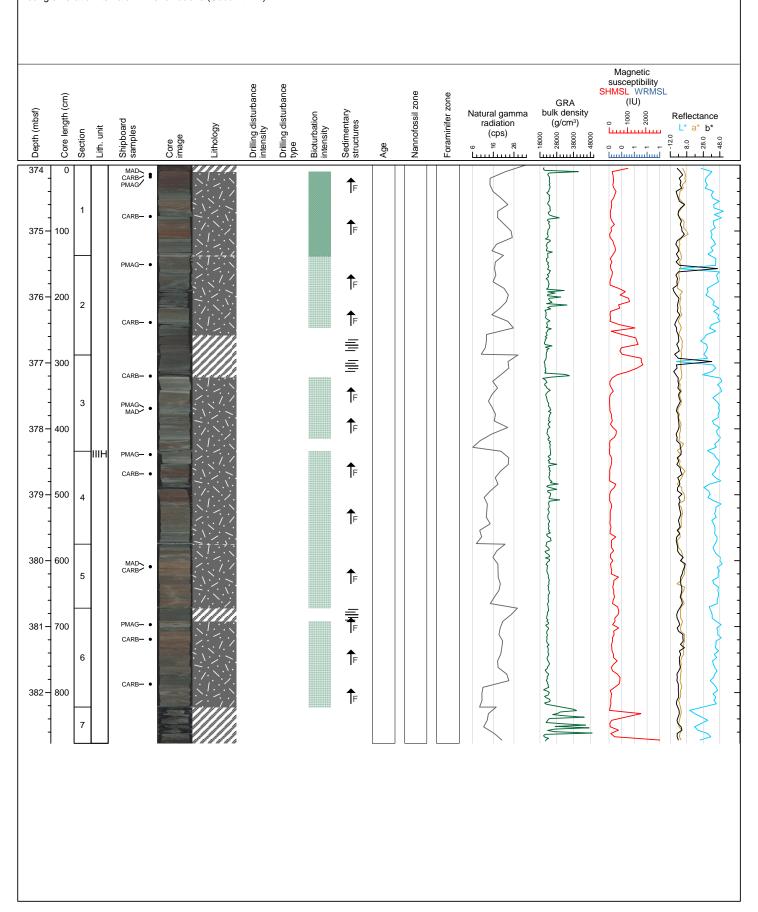
Hole 397T-U1585A Core 26R, Interval 364.4-370.34 m (CSF-A)

Highly bioturbated alternating dark greenish-gray to dark reddish brown tuffeacous, carbonate-rich silty sand and thicker arenaceous volcaniclastic layers with shell debris (Subunit IIIF); and glassy/palgonitized volcanic lapilli passing downward into blocky breccia (Subunit IIIG). Subunit boundary at 367.07 mbsf.



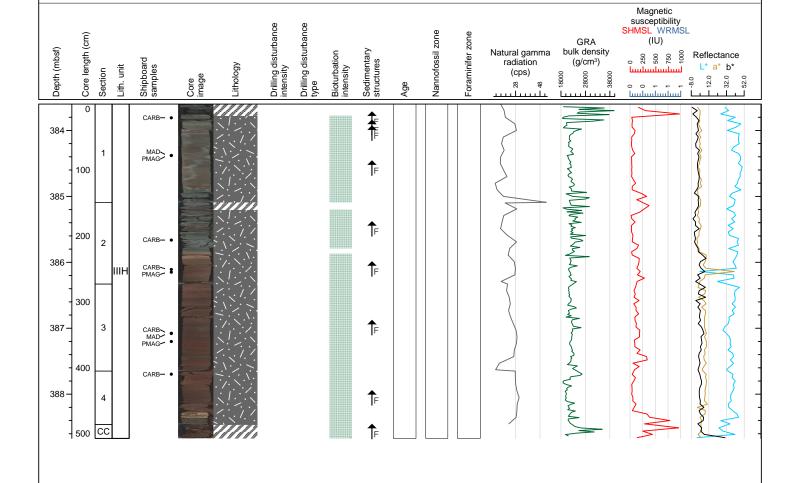
Hole 397T-U1585A Core 27R, Interval 374.0-382.77 m (CSF-A)

Bioturbated alternating dark greenish-gray to dark reddish brown tuffeacous, carbonate-rich silty sand with thin volcaniclastic turbidites, and thick polymict conglomeratic intervals with shell debris (Subunit IIIH)



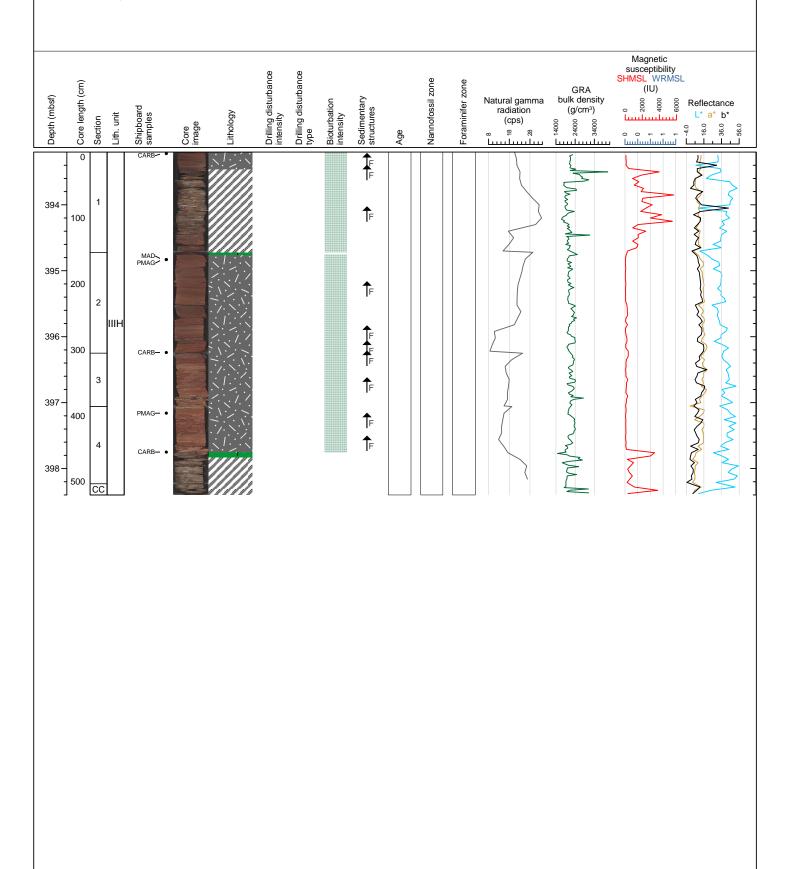
Hole 397T-U1585A Core 28R, Interval 383.6-388.67 m (CSF-A)

Bioturbated alternating dark greenish-gray to dark reddish brown tuffeacous, carbonate-rich silty sand with thin volcaniclastic turbidites, and thick polymict conglomeratic intervals with shell debris (Subunit IIIH)



Hole 397T-U1585A Core 29R, Interval 393.2-398.4 m (CSF-A)

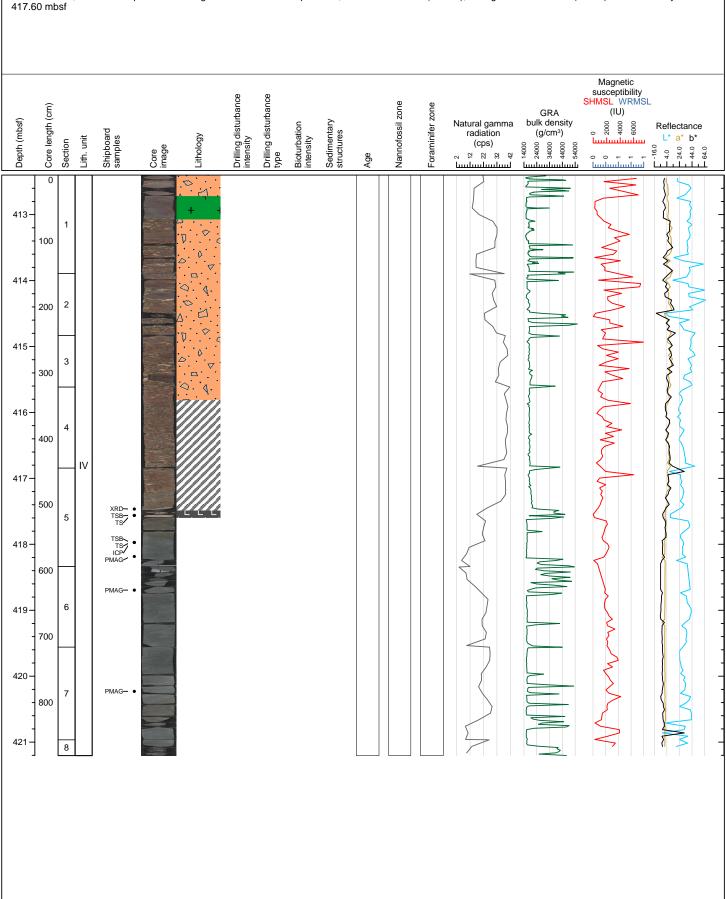
Bioturbated alternating dark greenish-gray to dark reddish brown tuffeacous, carbonate-rich silty sand with thin volcaniclastic turbidites, and thick polymict conglomeratic intervals with shell debris (Subunit IIIH); and basaltic block, bomb and lapillistone with light-colored cement of pale ash, calcite and zeolite (Unit IV). Unit boundary at 397.76 mbsf.

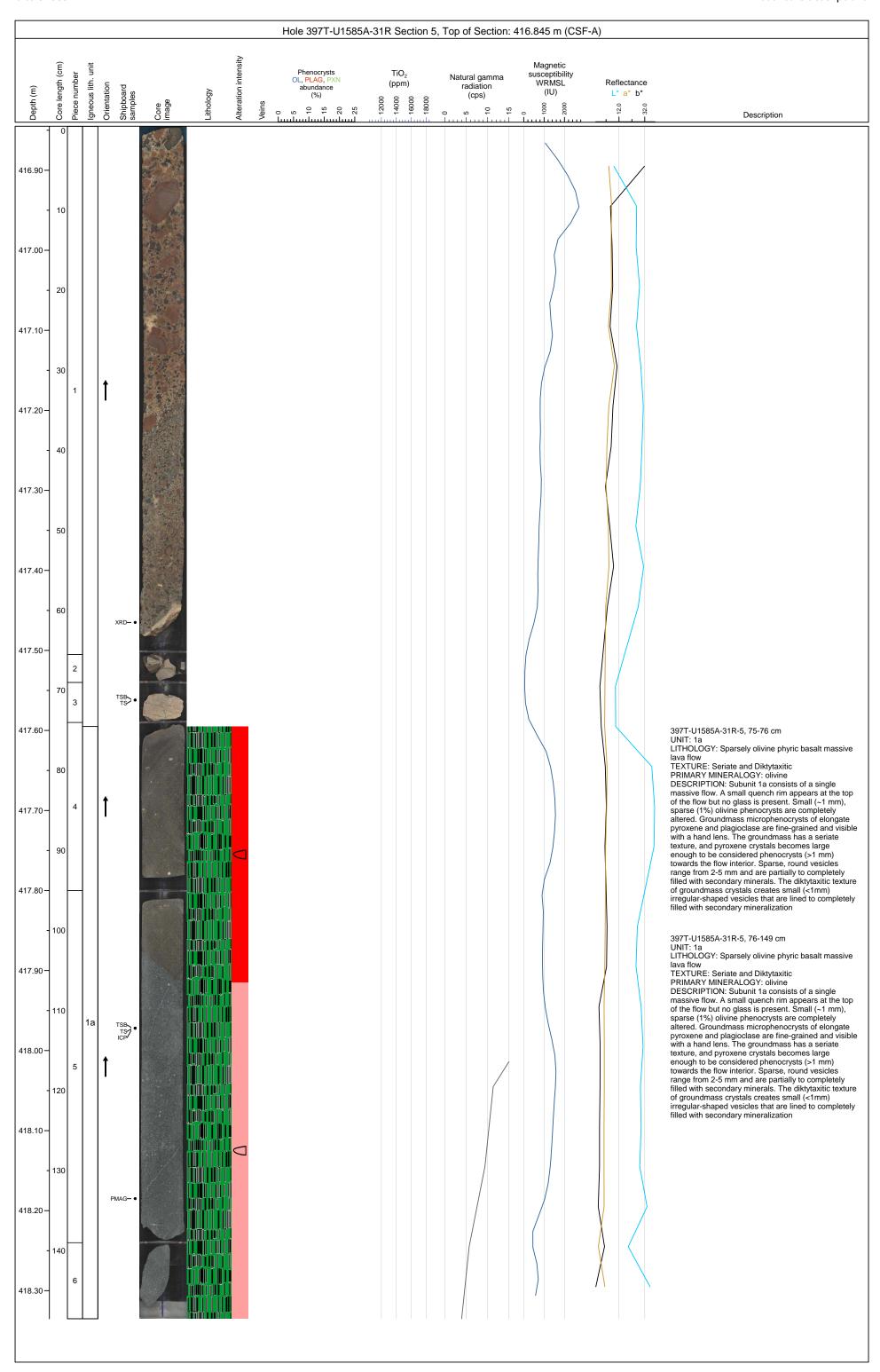


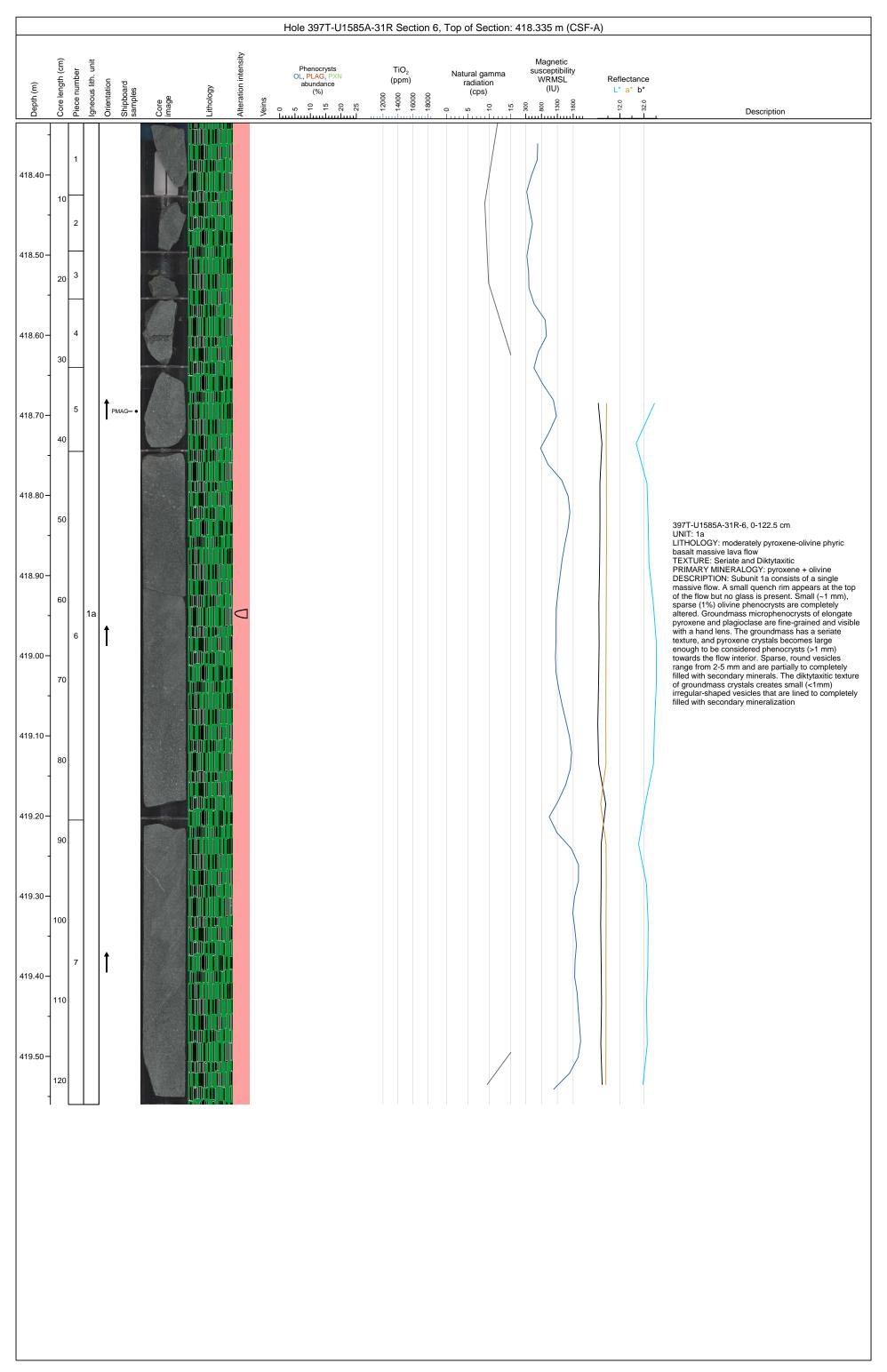
Hole 397T-U1585A Core 30R, Interval 402.8-410.25 m (CSF-A) Basaltic block, bomb and lapillistone with light-colored cement of pale ash, calcite and zeolite (Unit IV). Magnetic susceptibility SHMSL WRMSL (IU) Drilling disturbance intensity Drilling disturbance type Nannofossil zone Core length (cm) Foraminifer zone GRA Depth (mbsf) Sedimentary structures Natural gamma bulk density 2000 4000 6000 Reflectance (g/cm³) radiation L* a* b* (cps) Core image 12.0 403 100 404 405 TS> • 300 406 3 IV 400 407 500 TS ICP TSB 600 TS TSB ICP 409 6

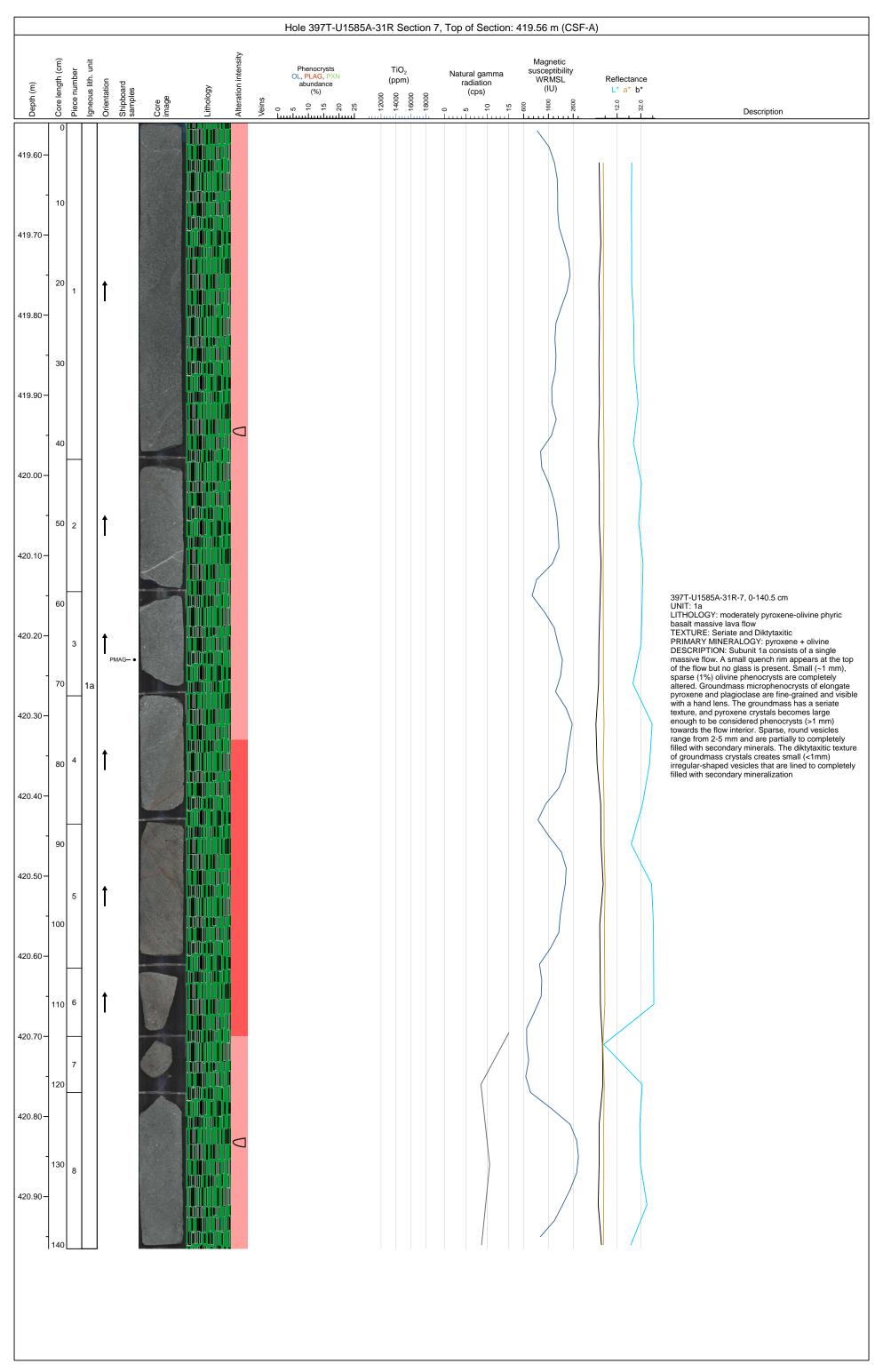
Hole 397T-U1585A Core 31R, Interval 412.4-421.205 m (CSF-A)

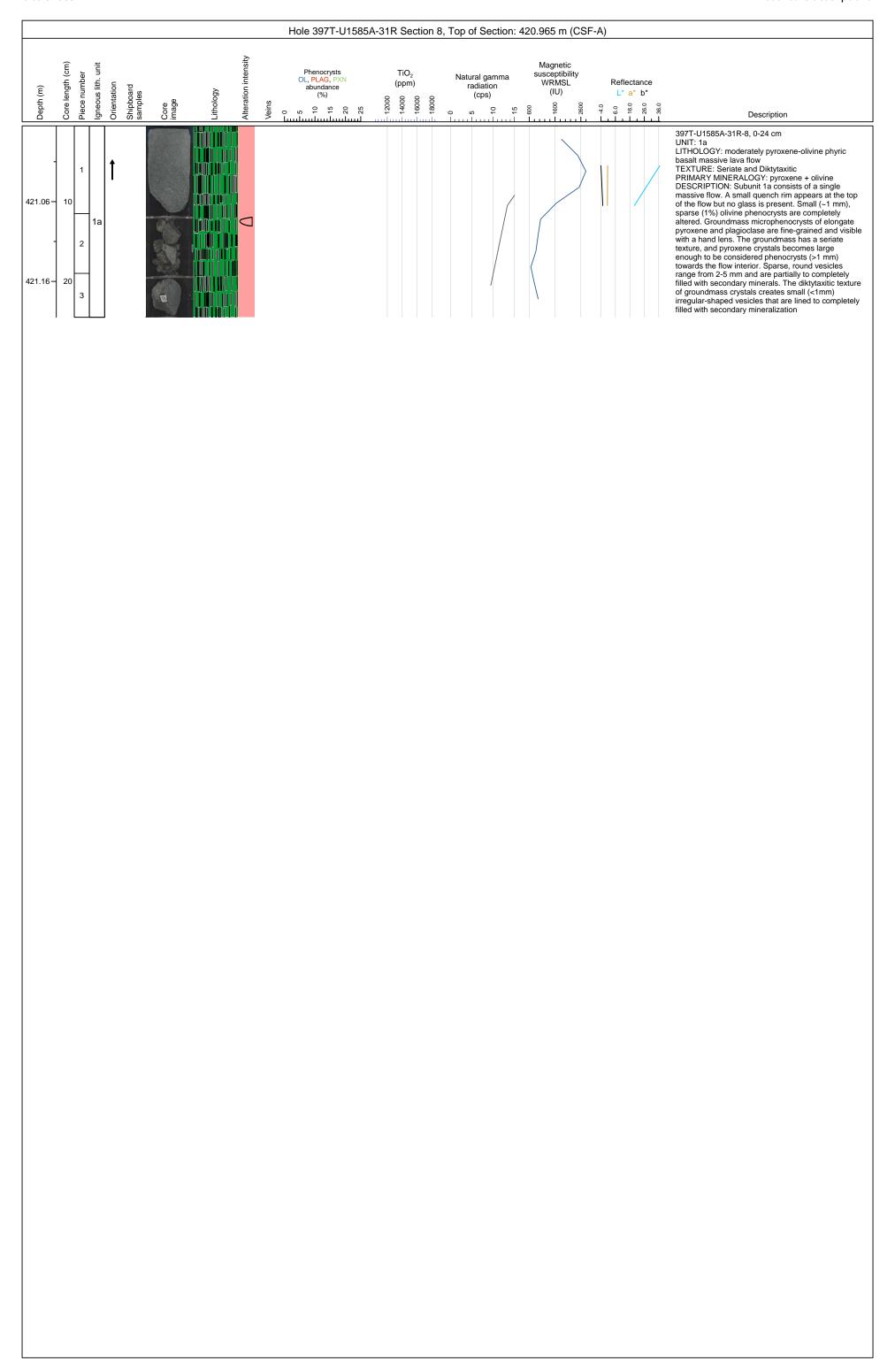
Basaltic block, bomb and lapillistone with light-colored cement of pale ash, calcite and zeolite (Unit IV); and igneous basement (Unit V). Unit boundary at 417.60 mbsf

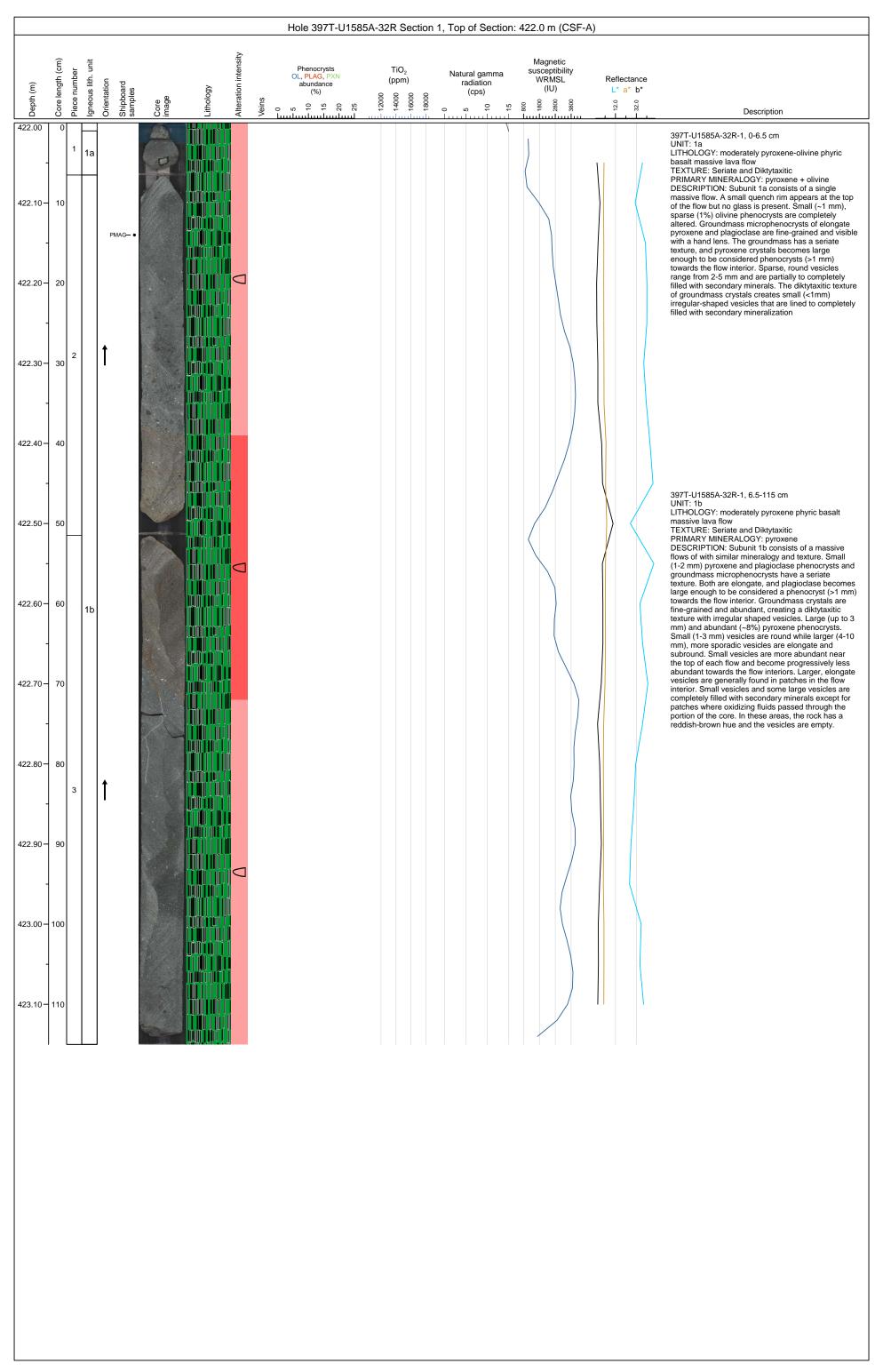


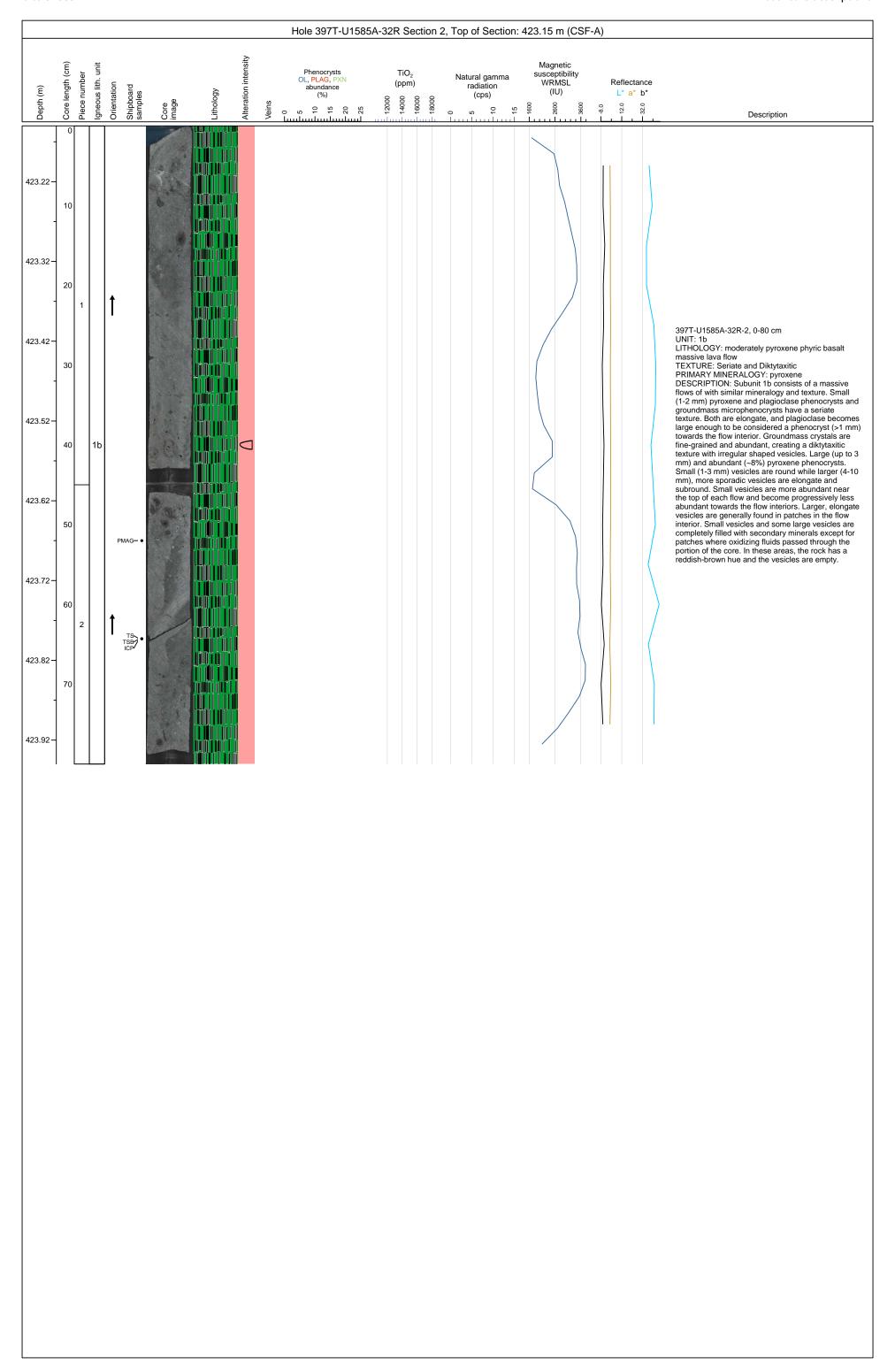


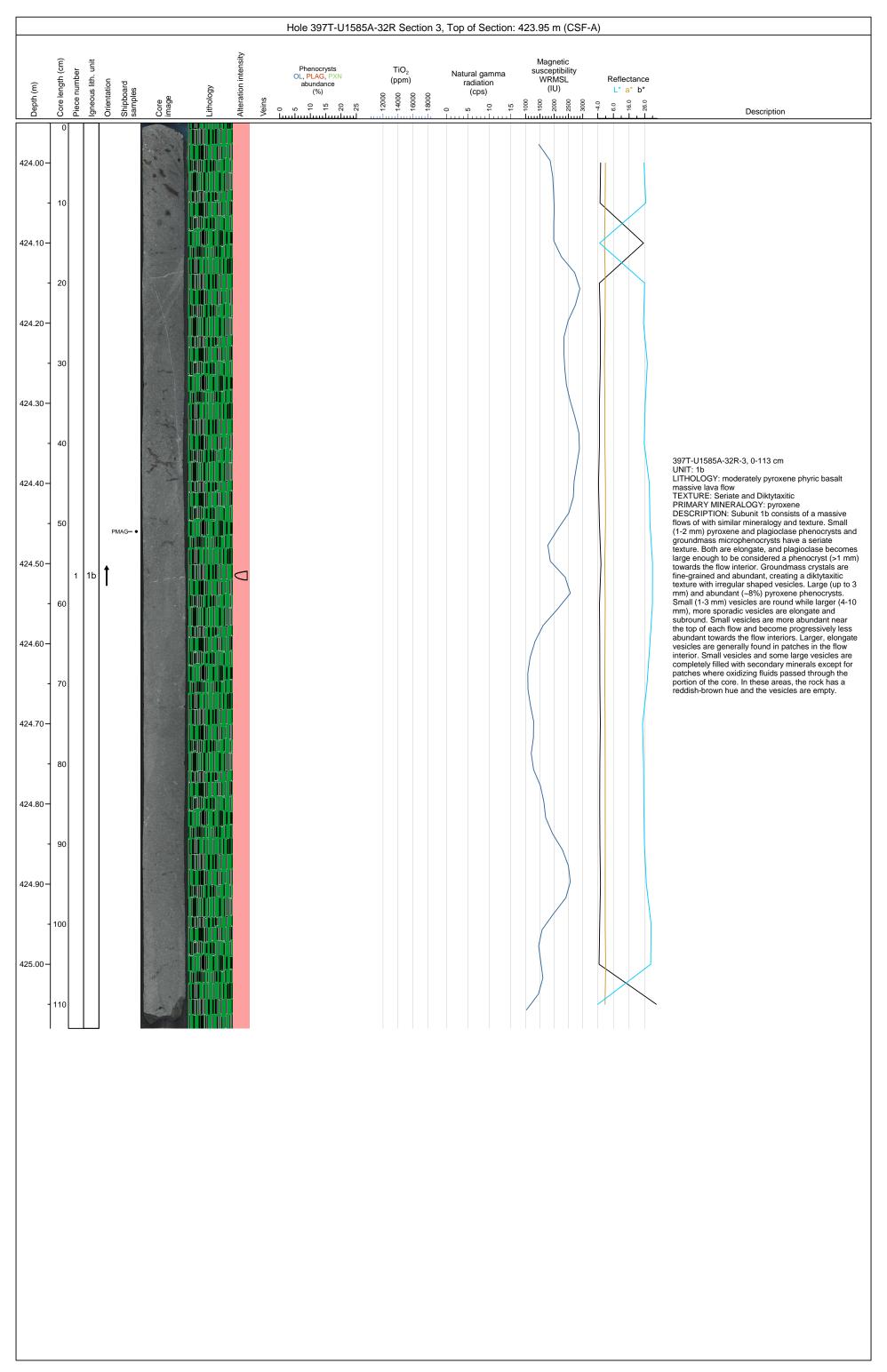




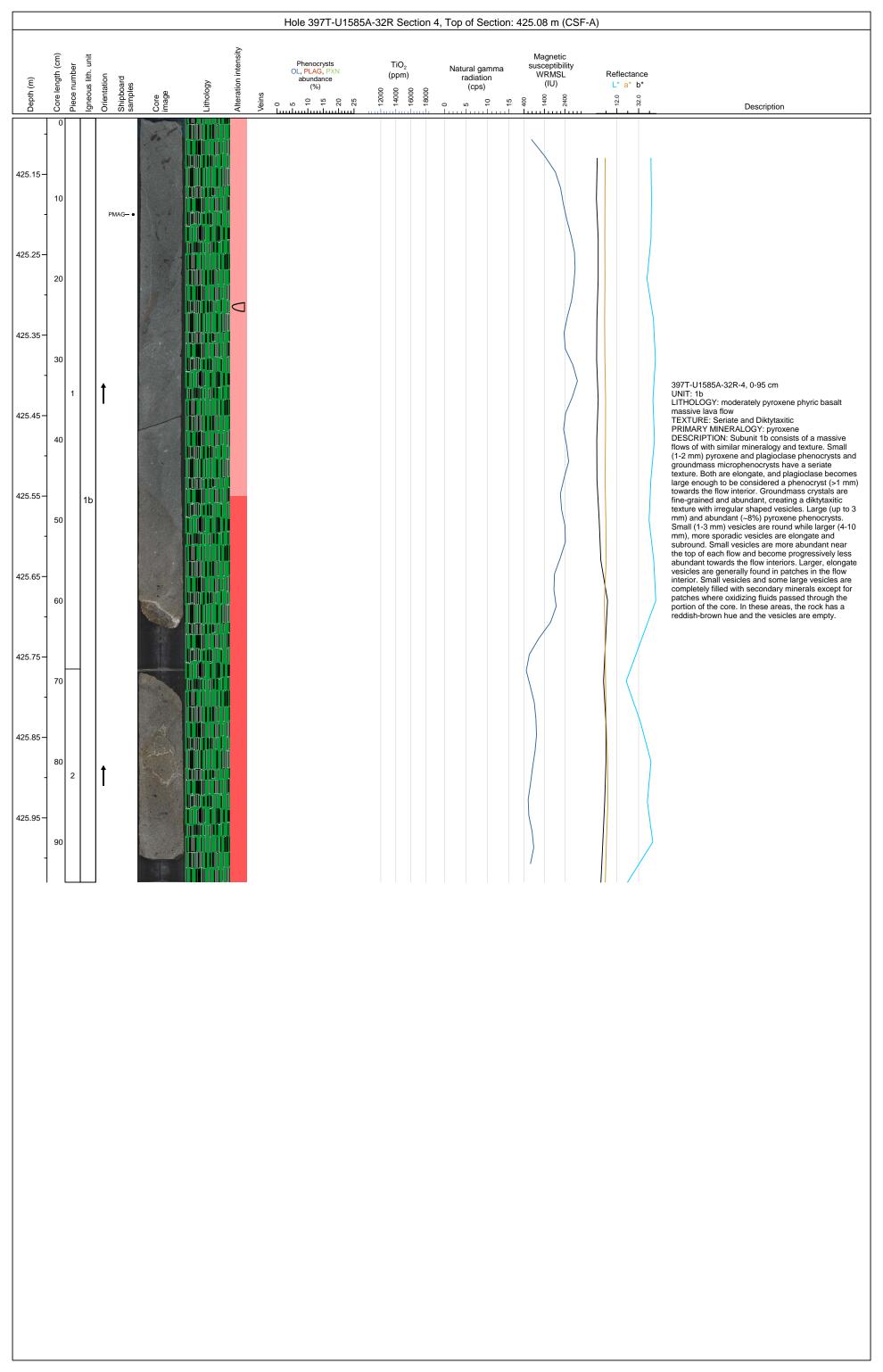


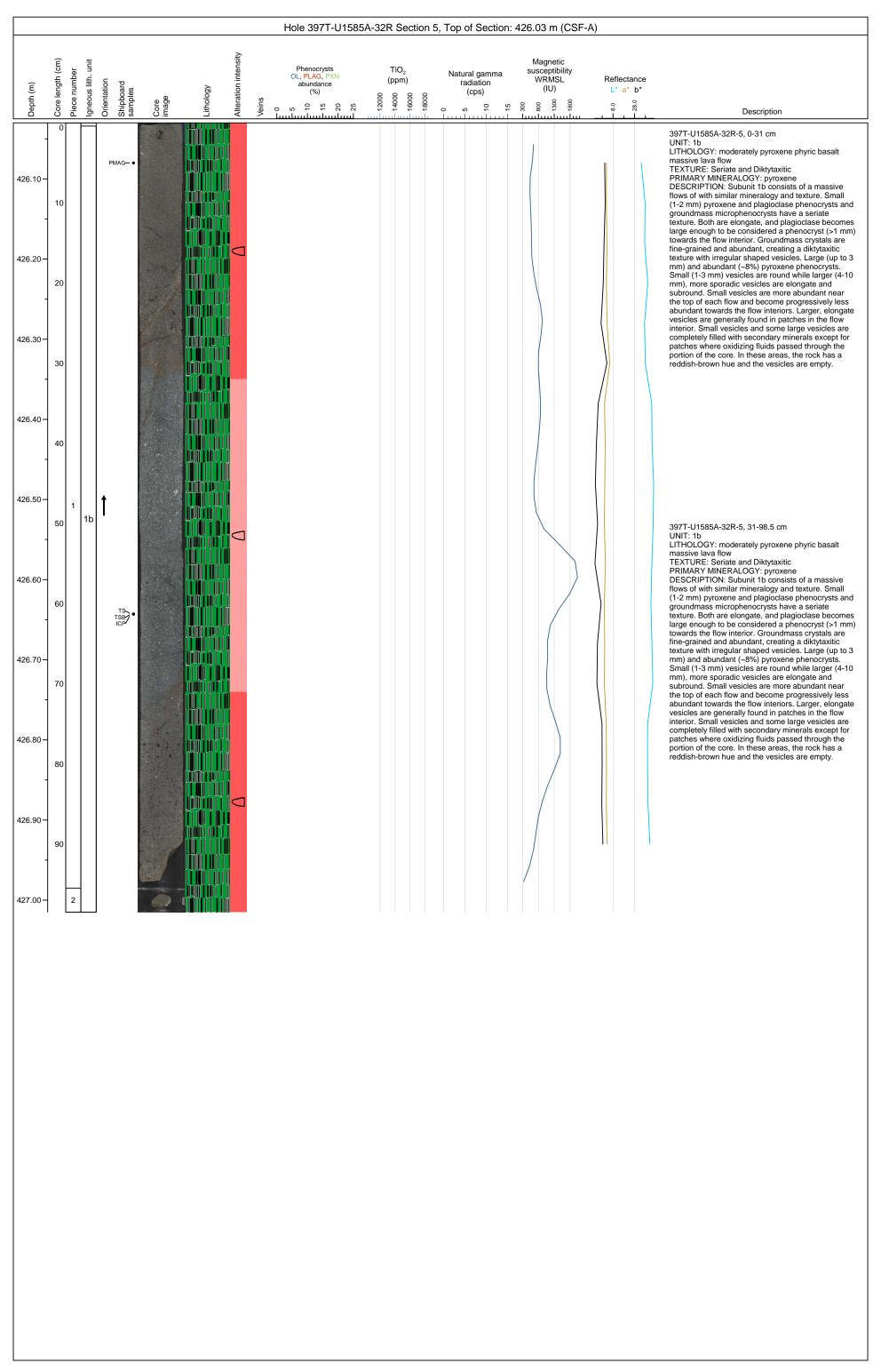


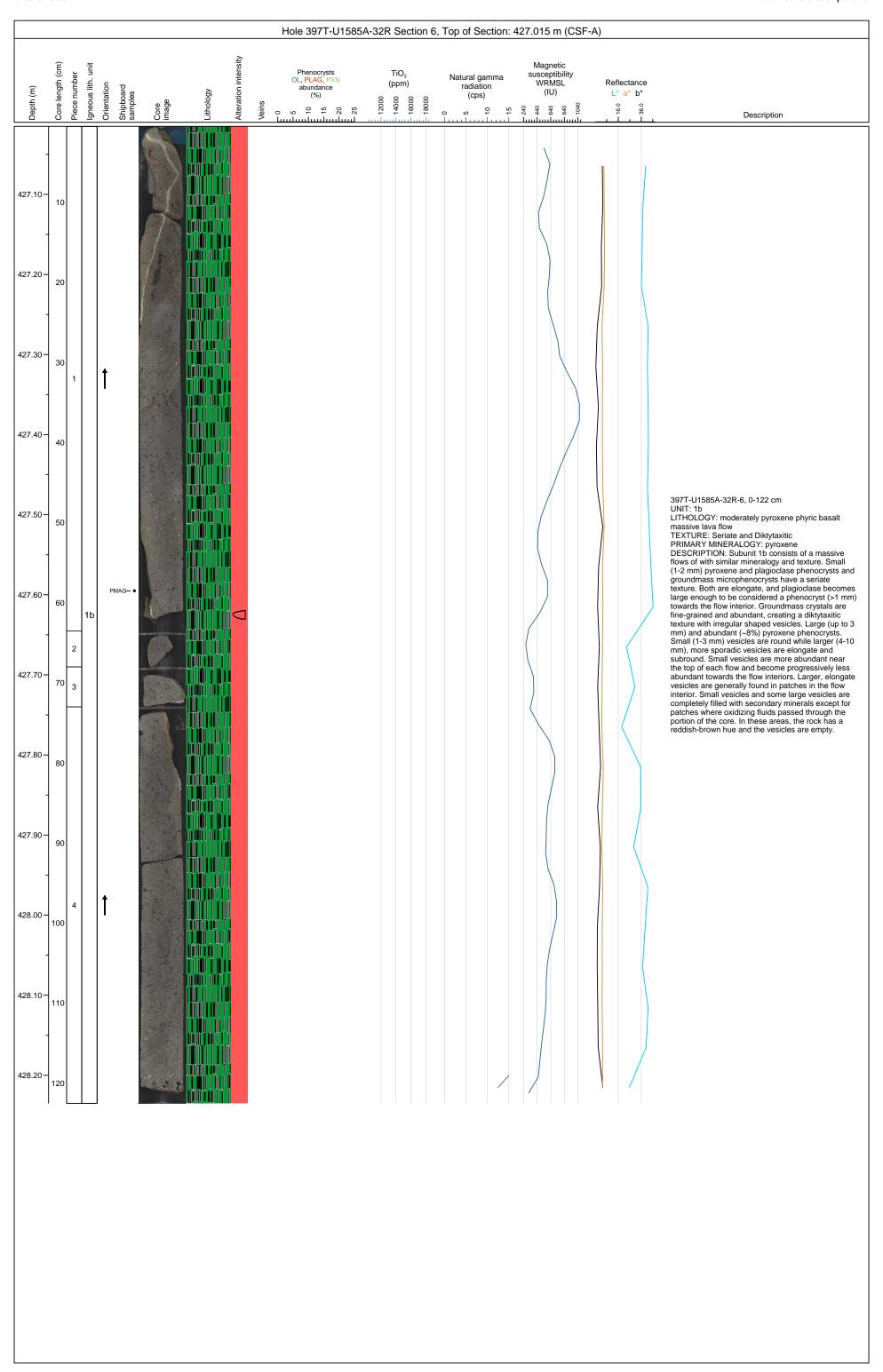


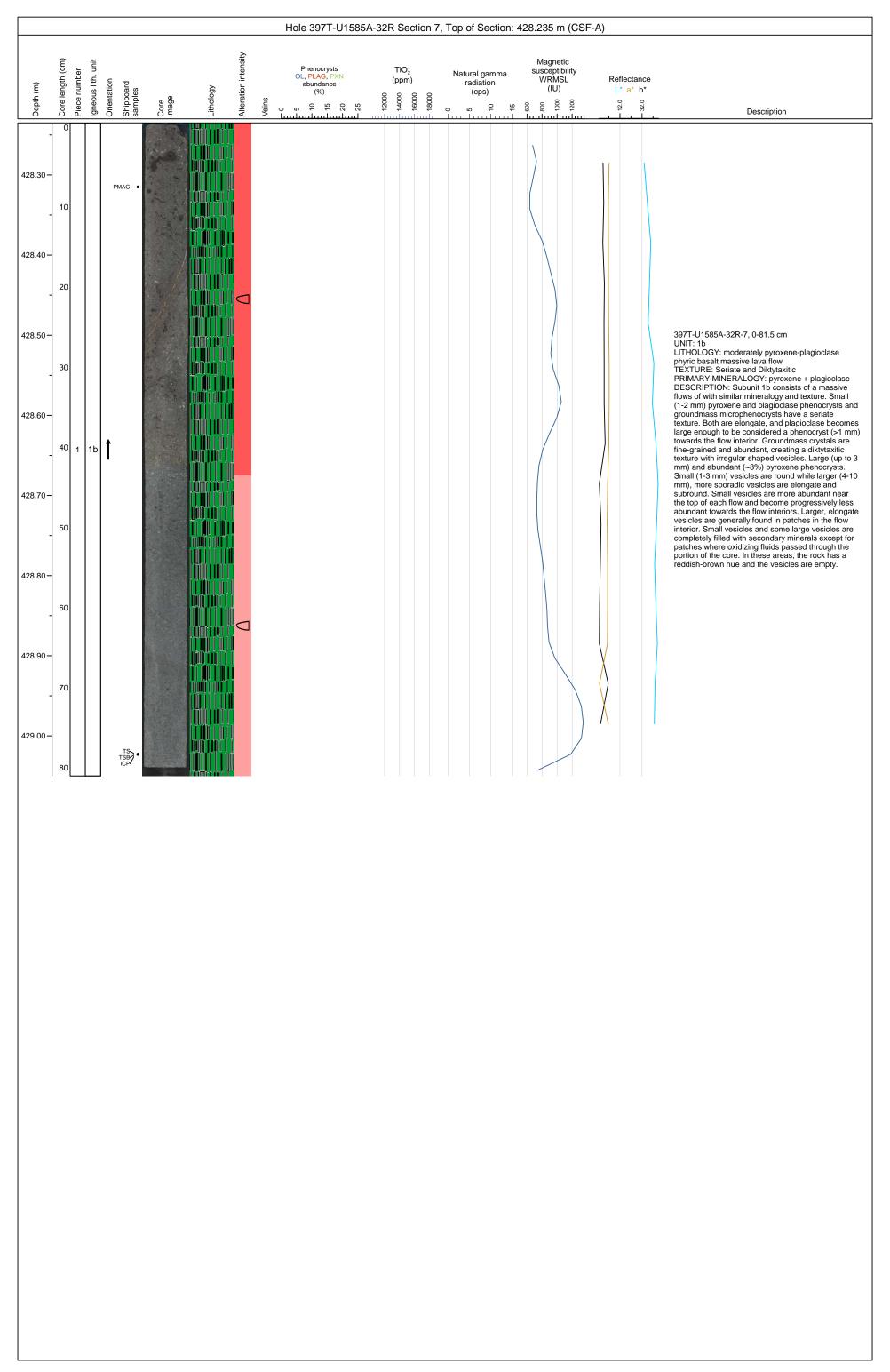


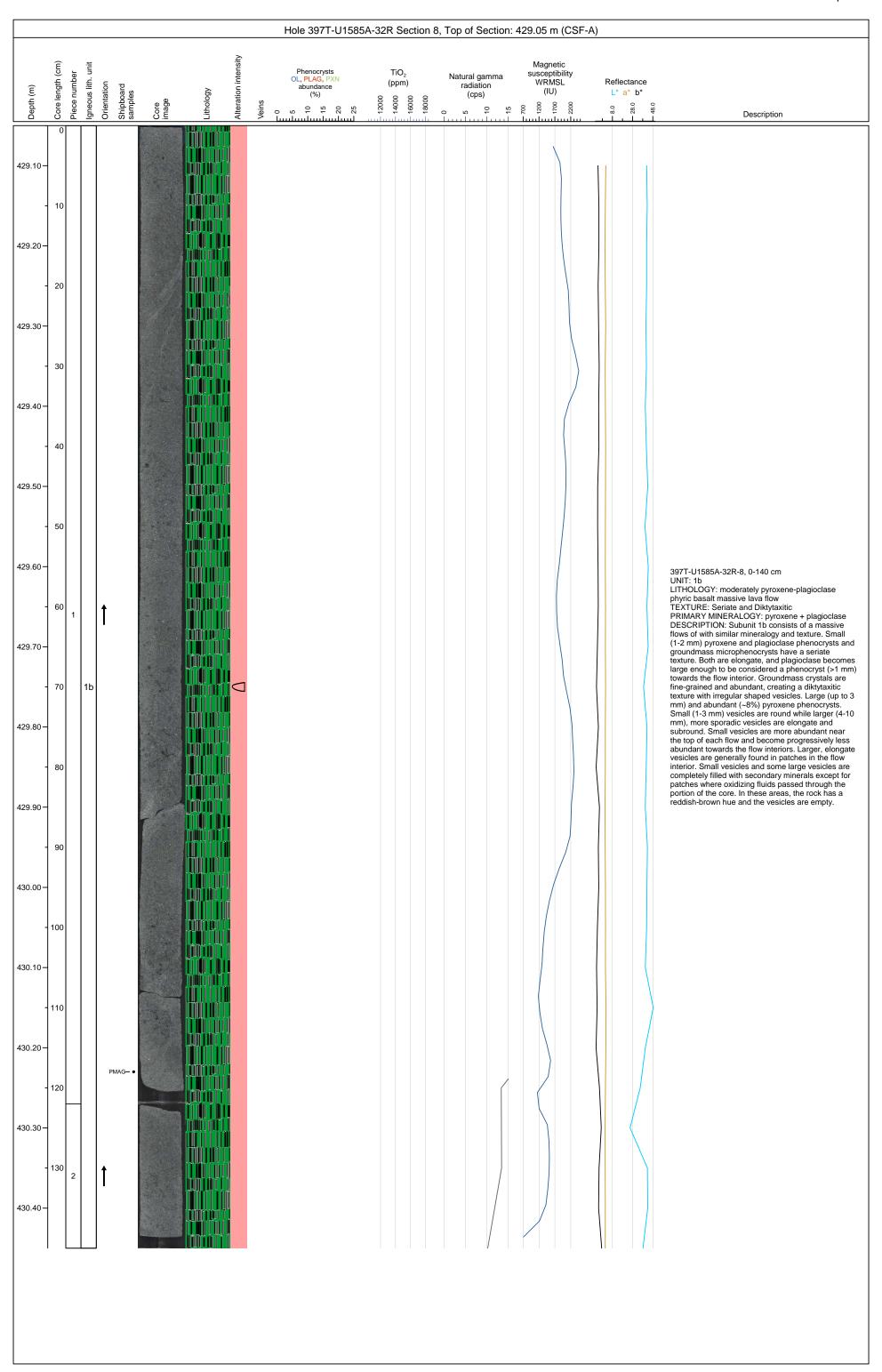
Visual core descriptions

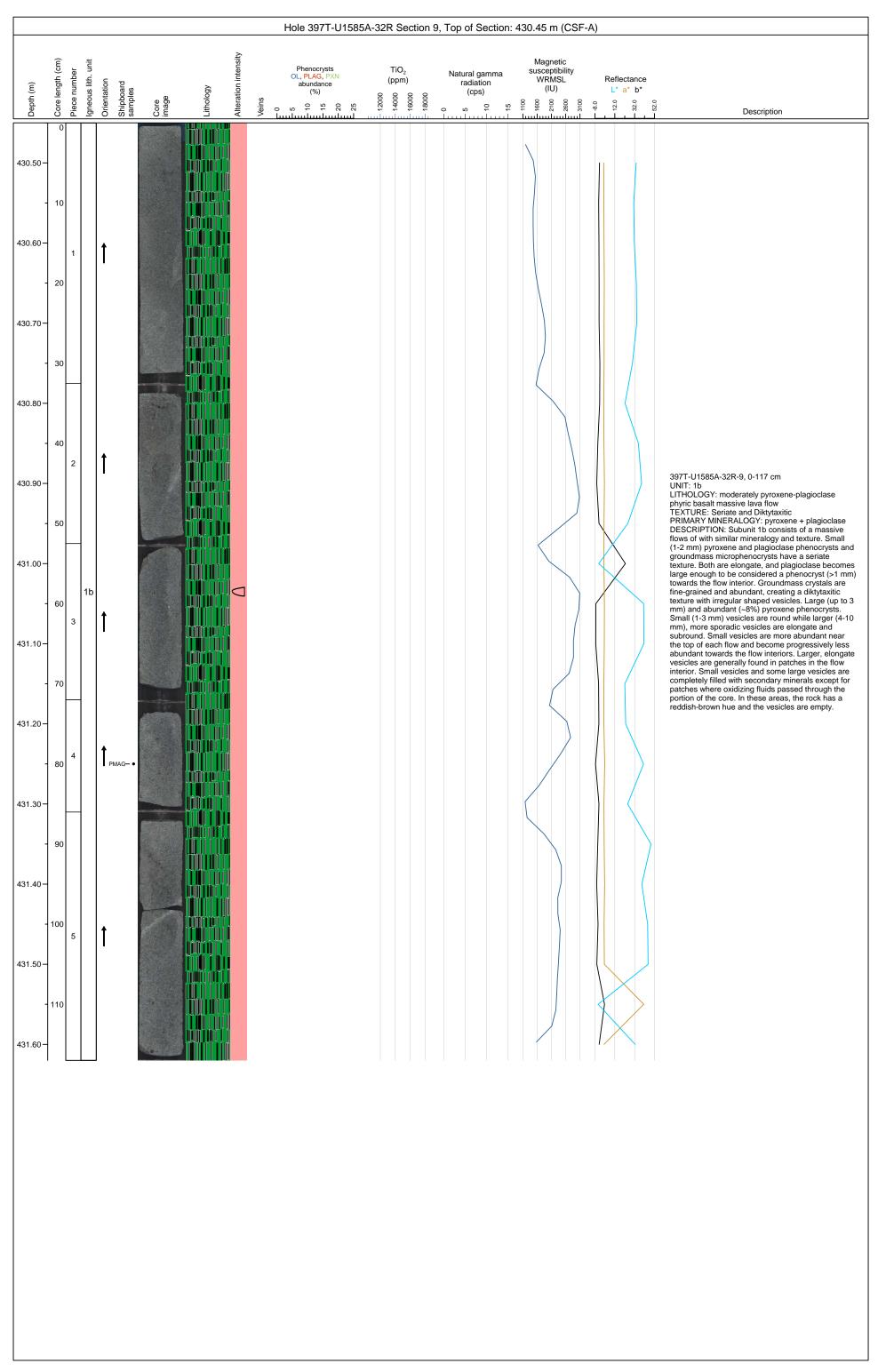


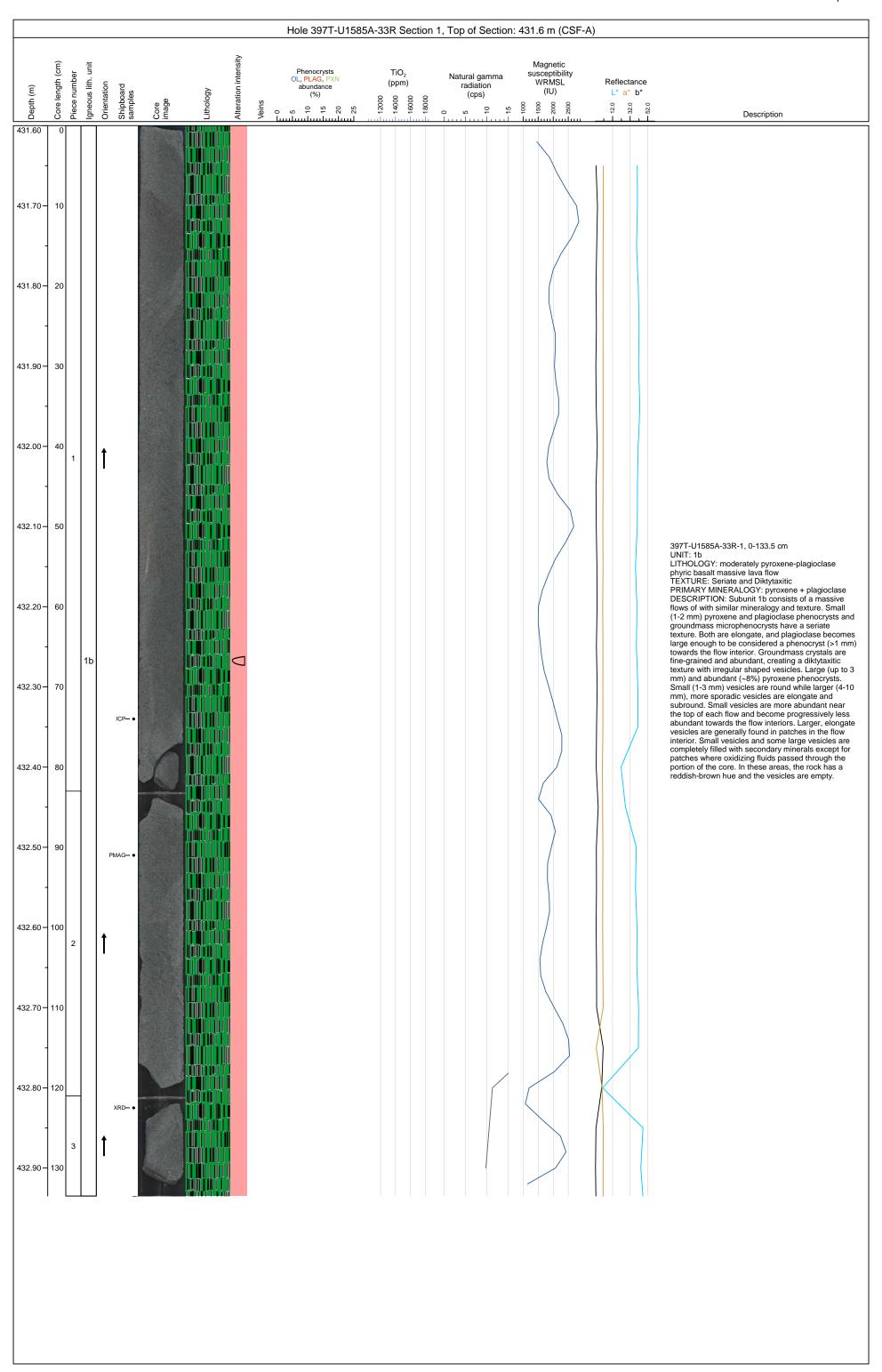


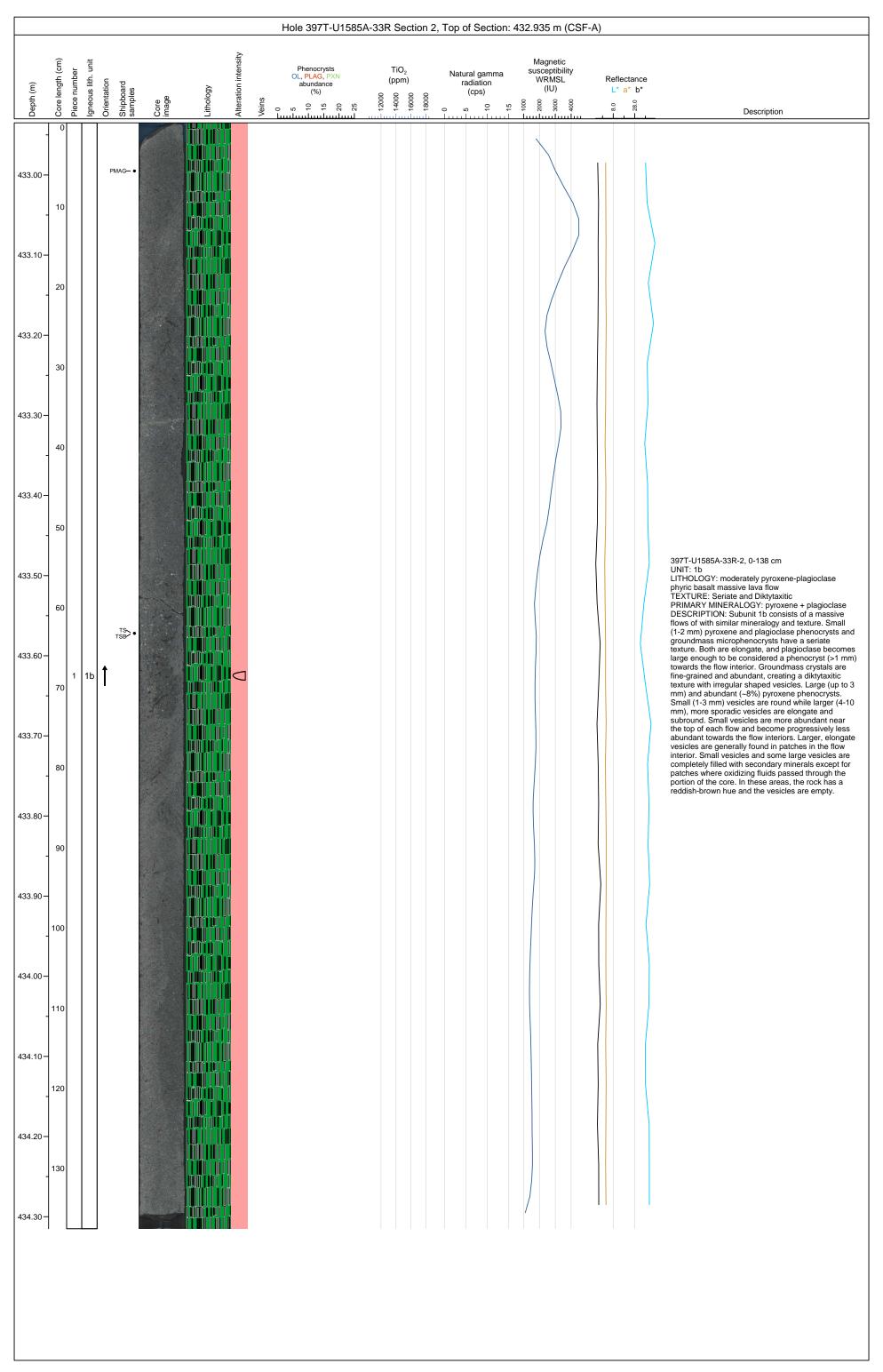


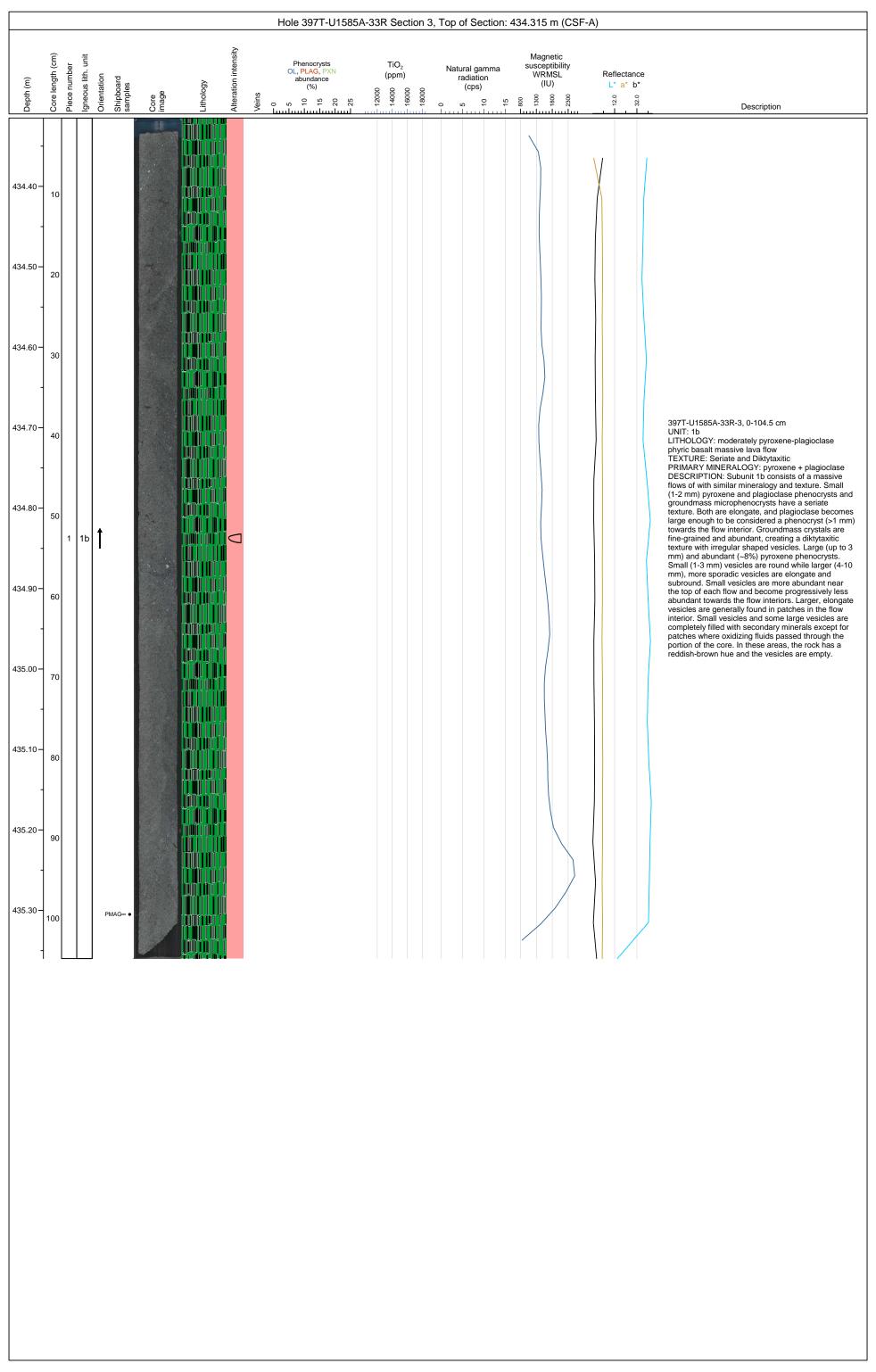




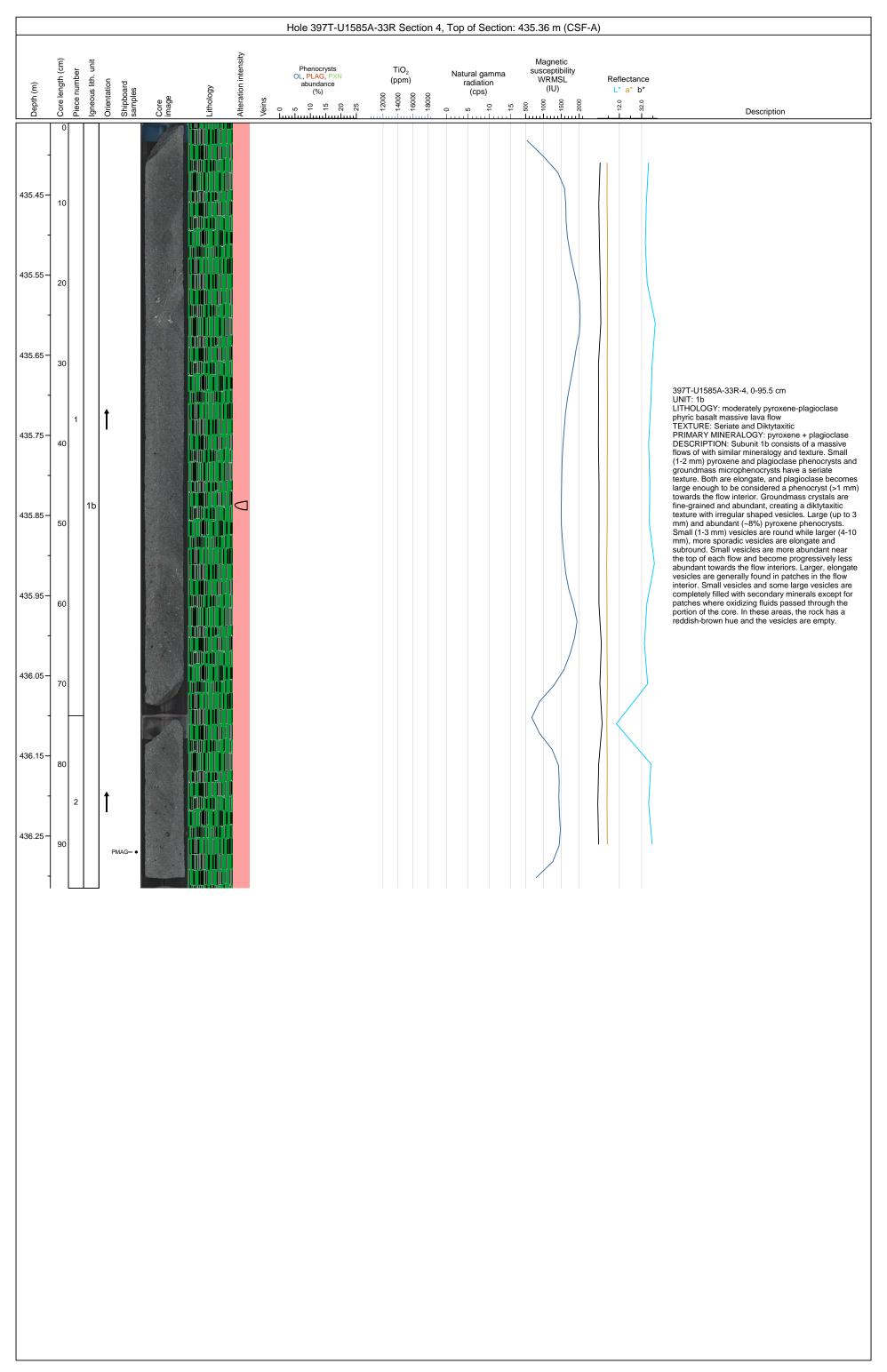


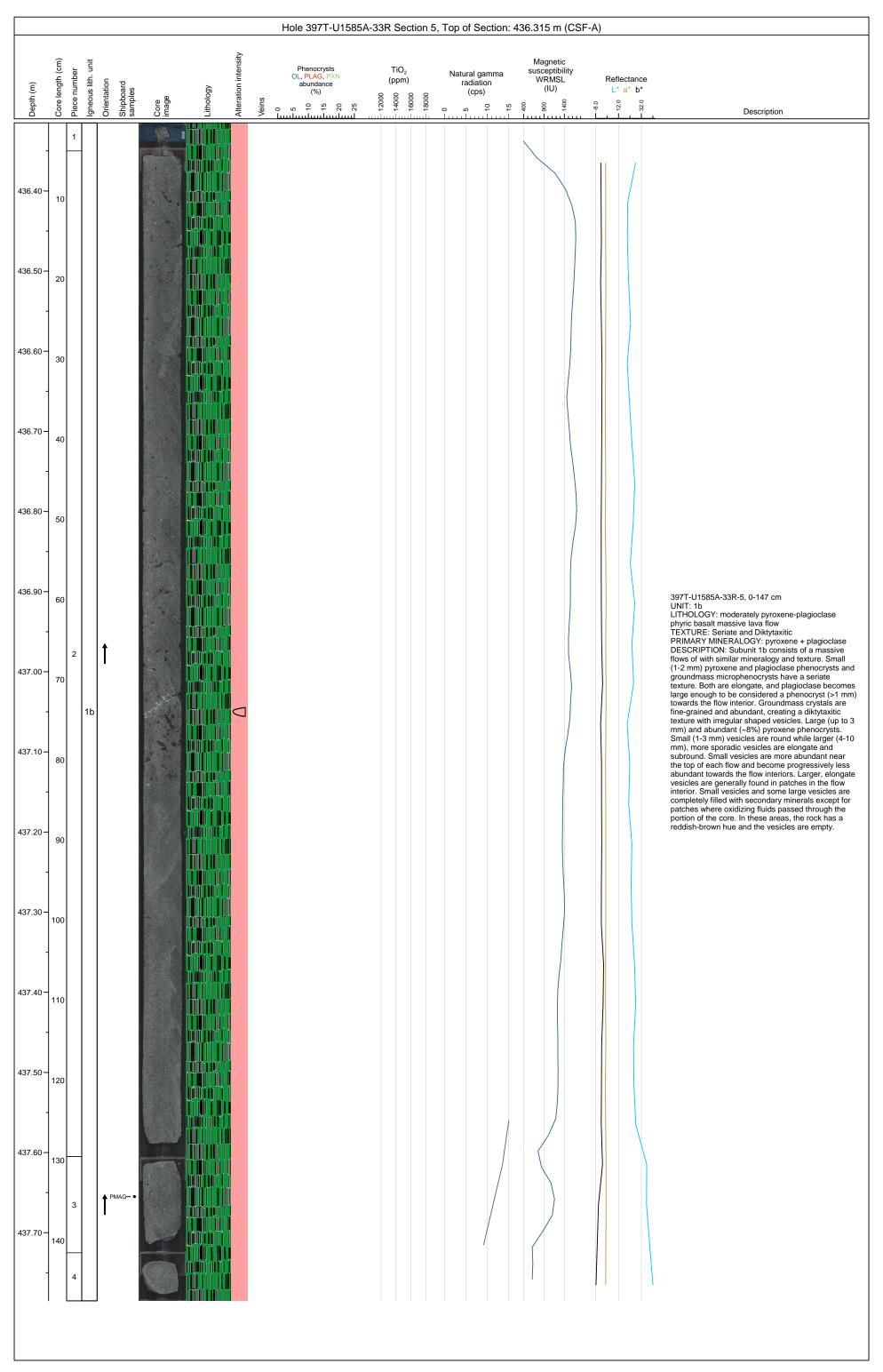


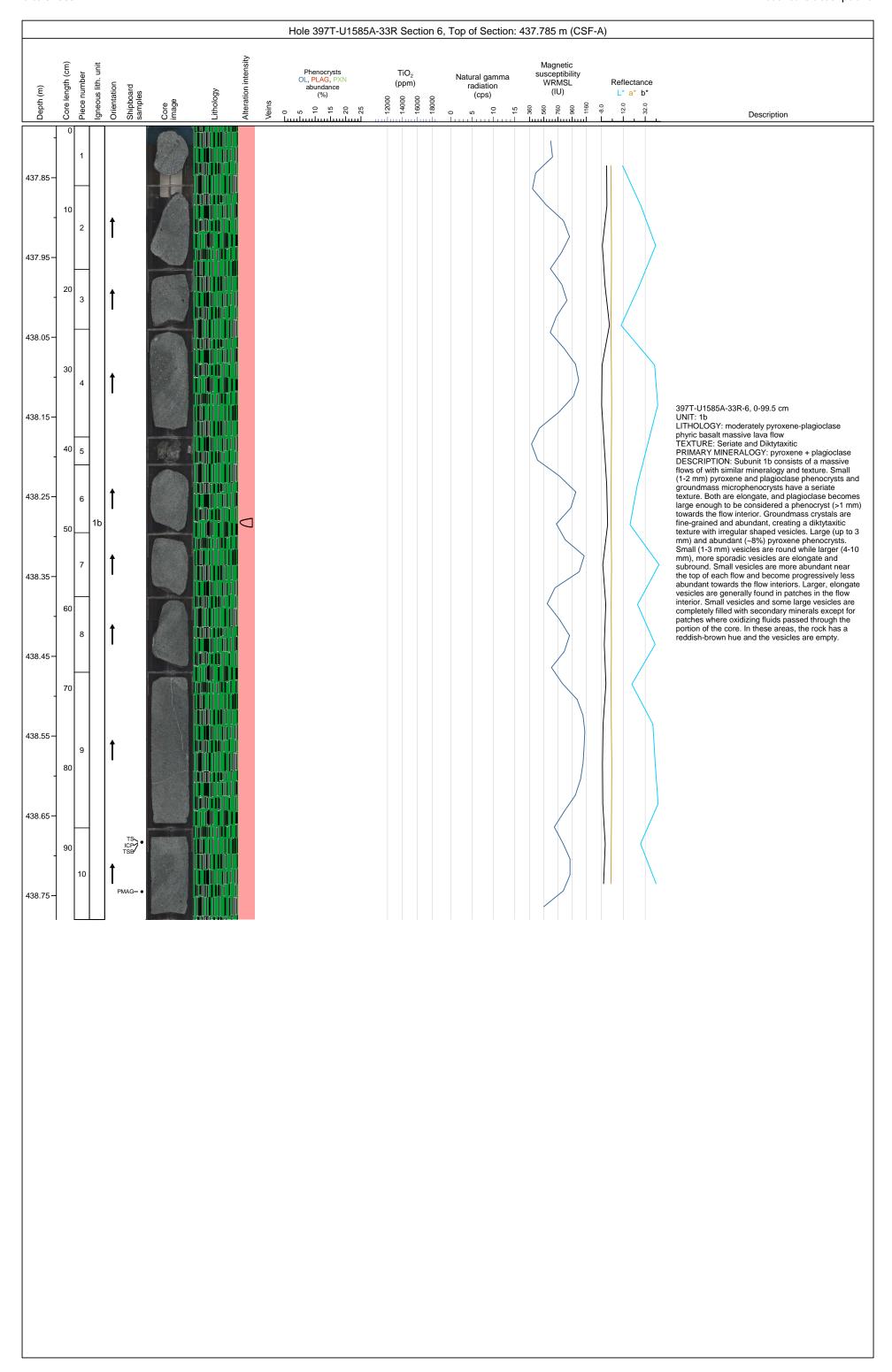


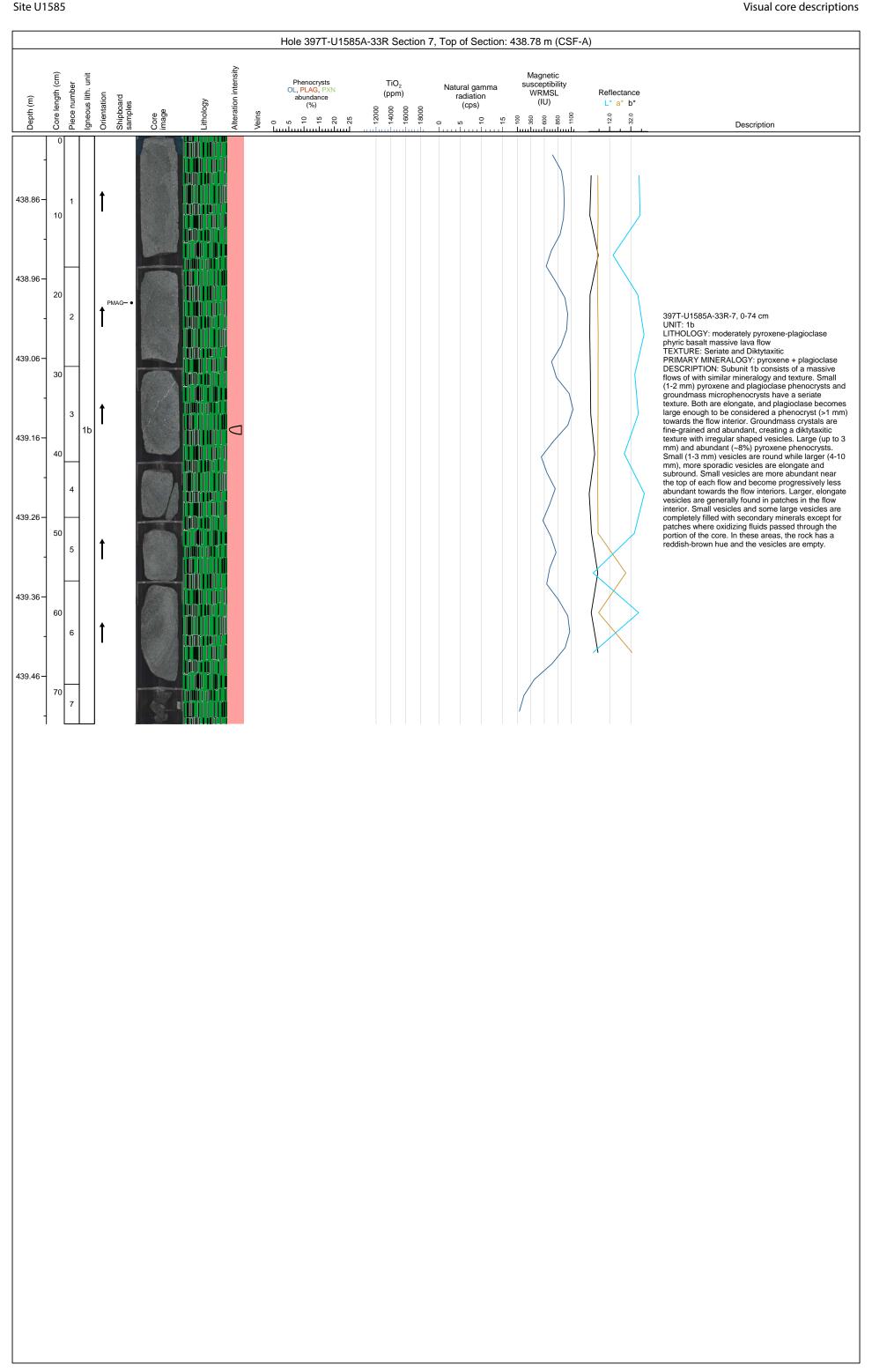


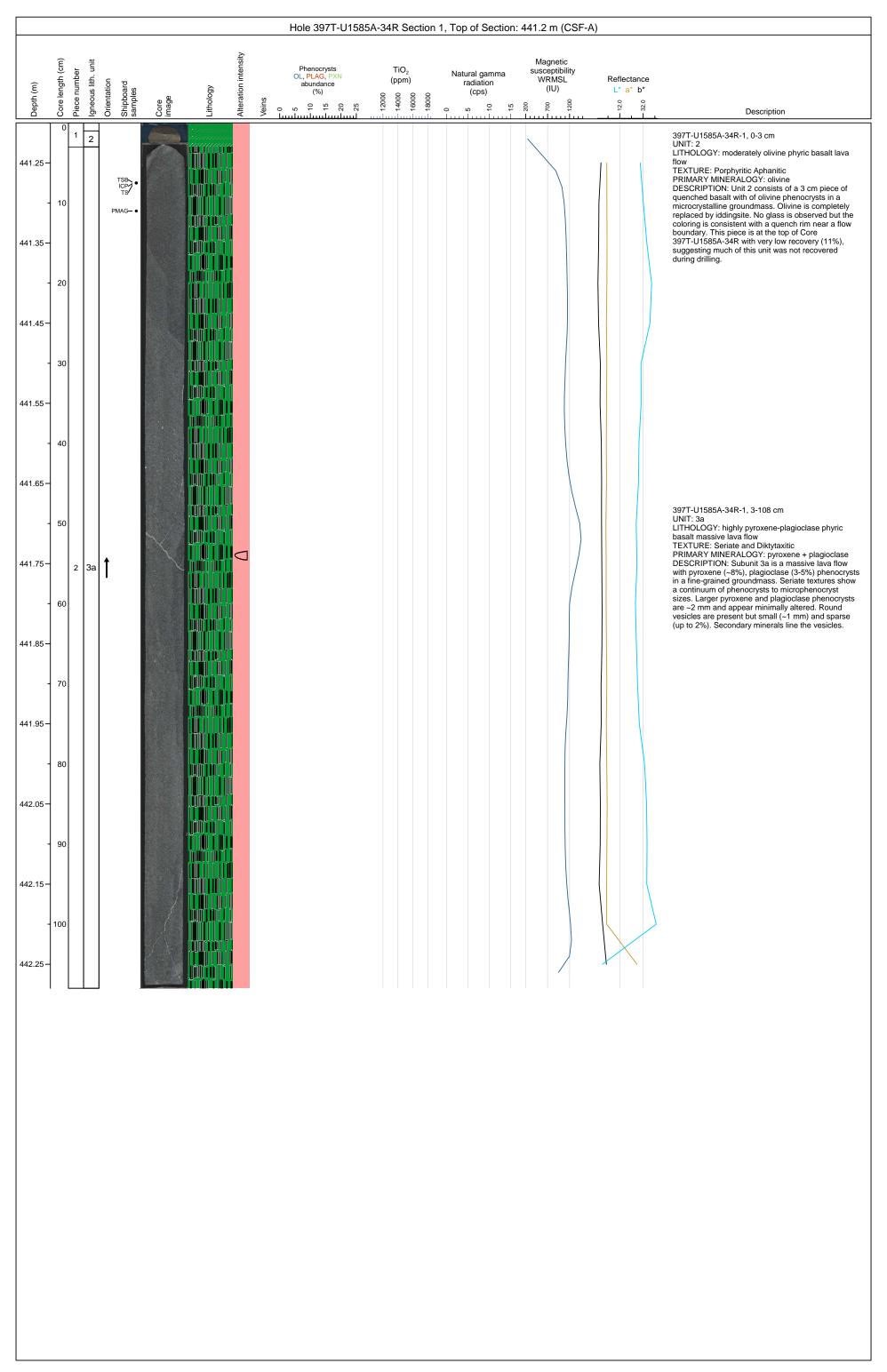
Visual core descriptions

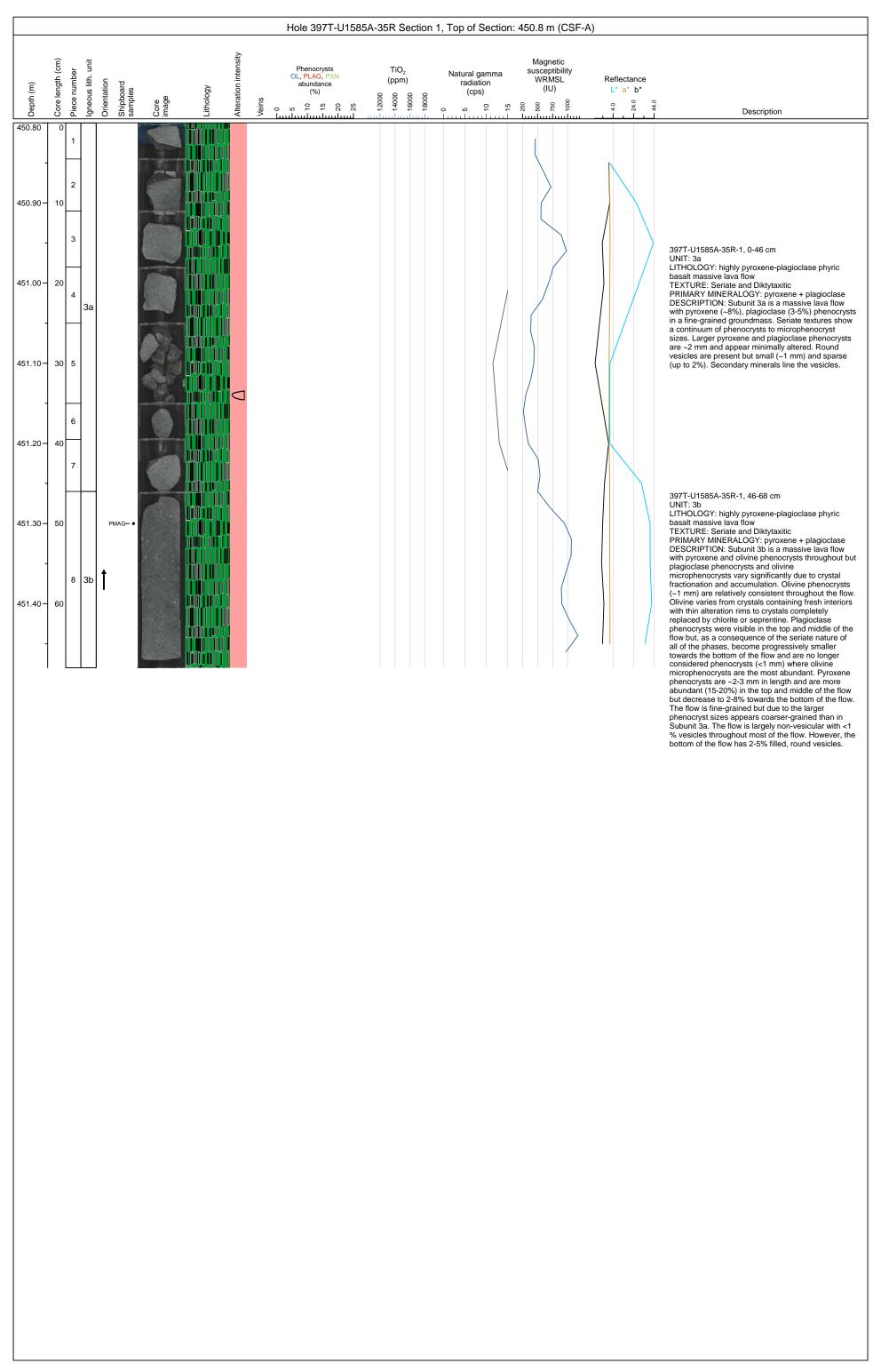


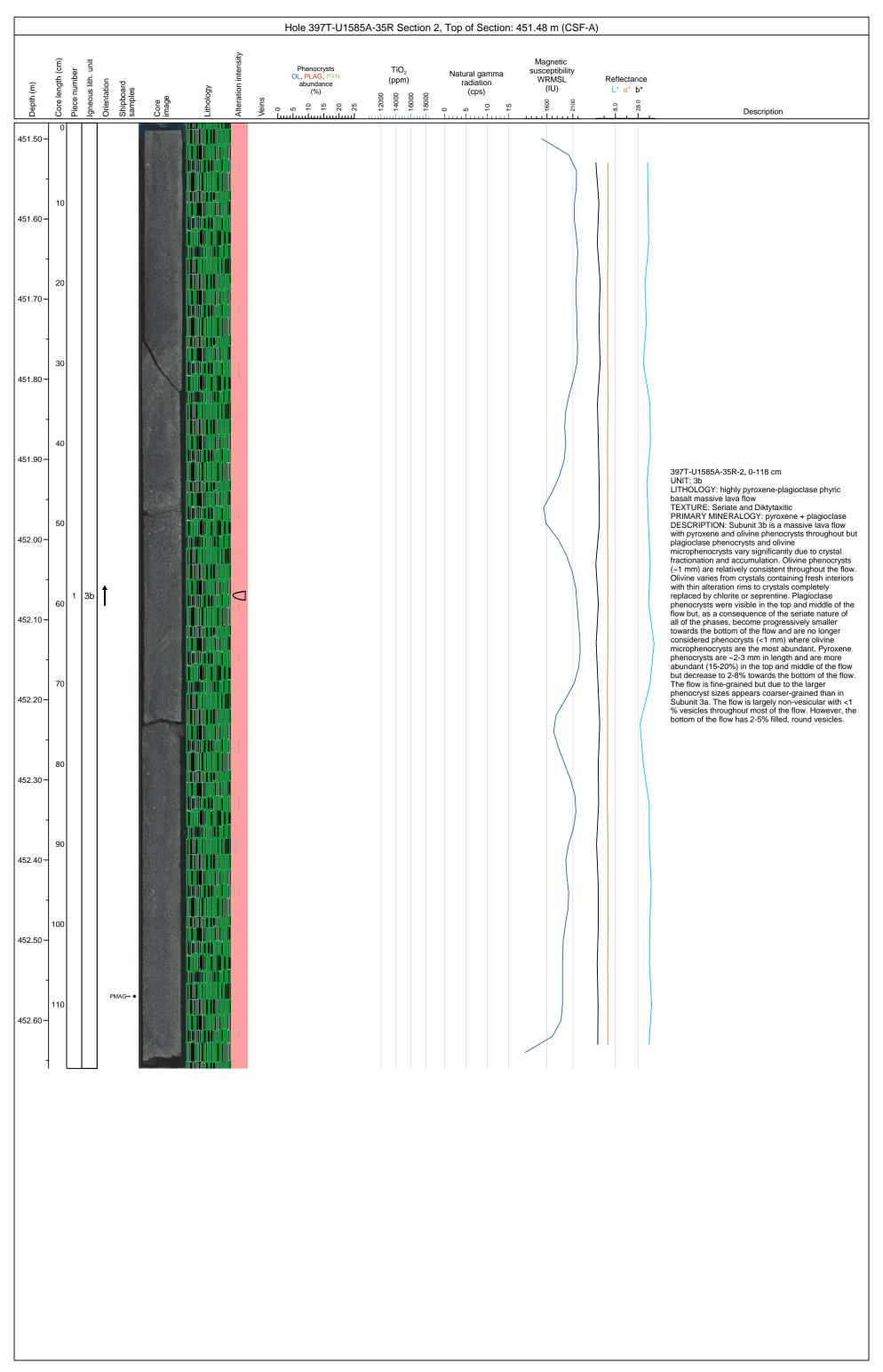


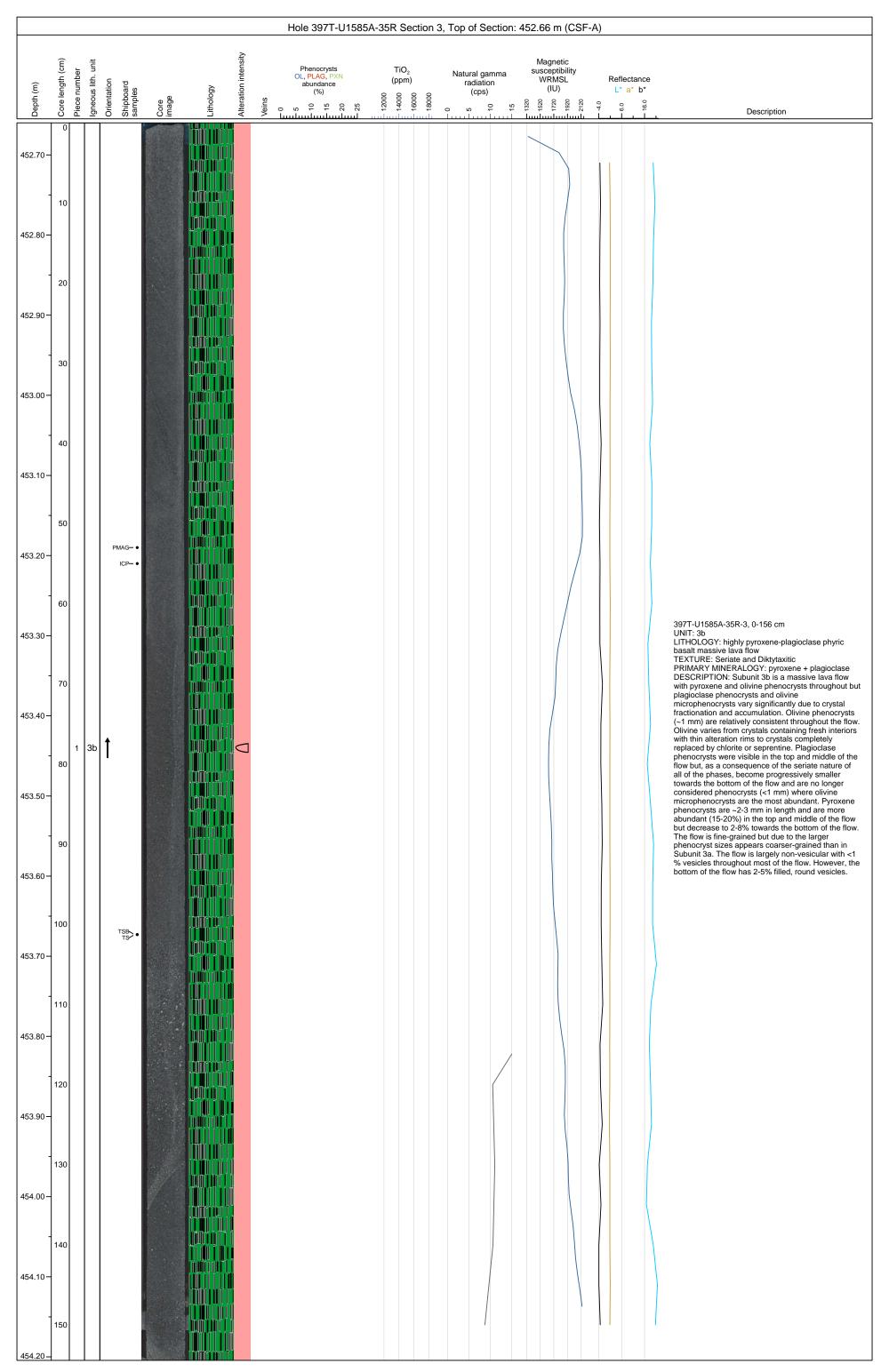






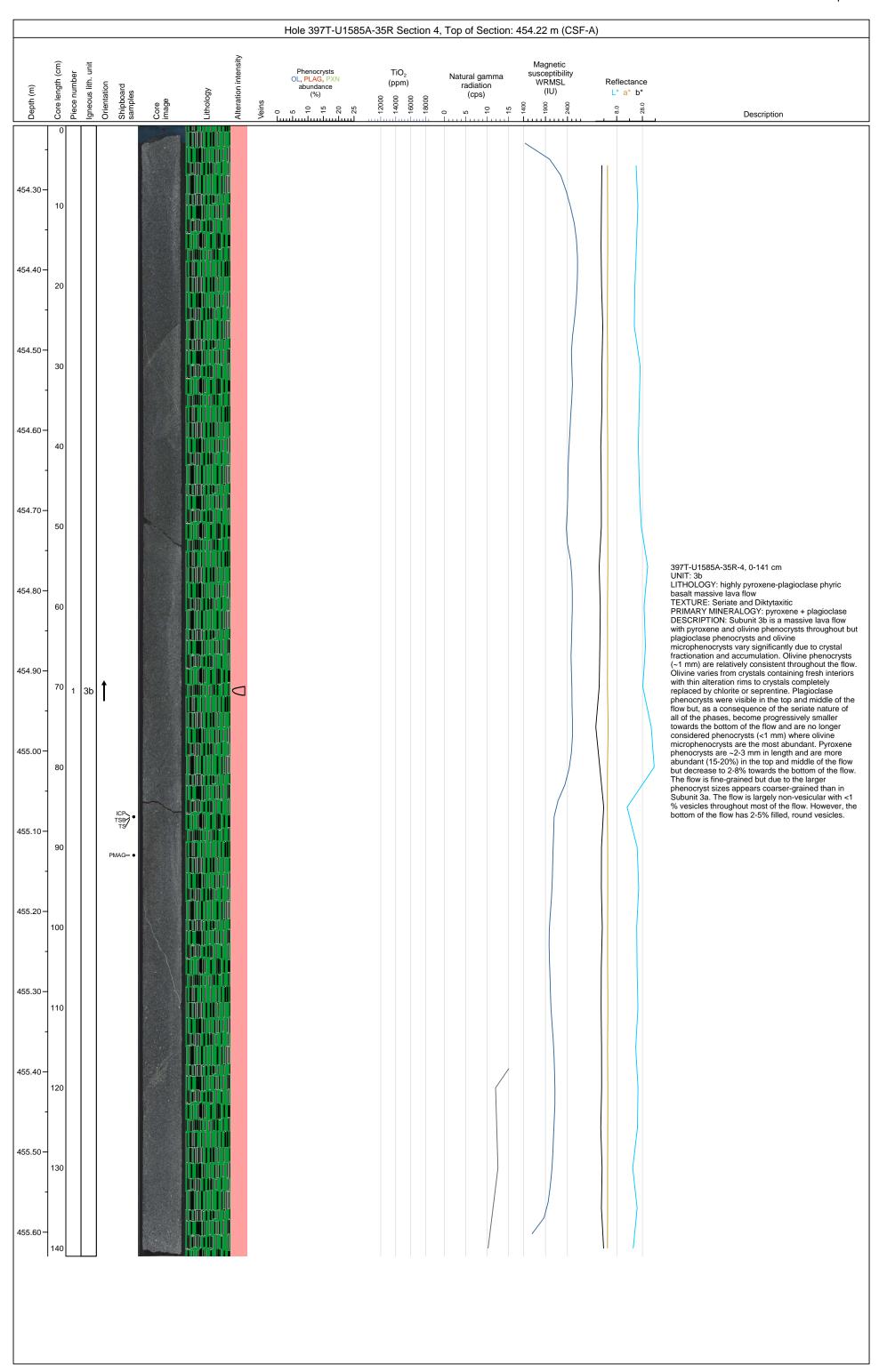


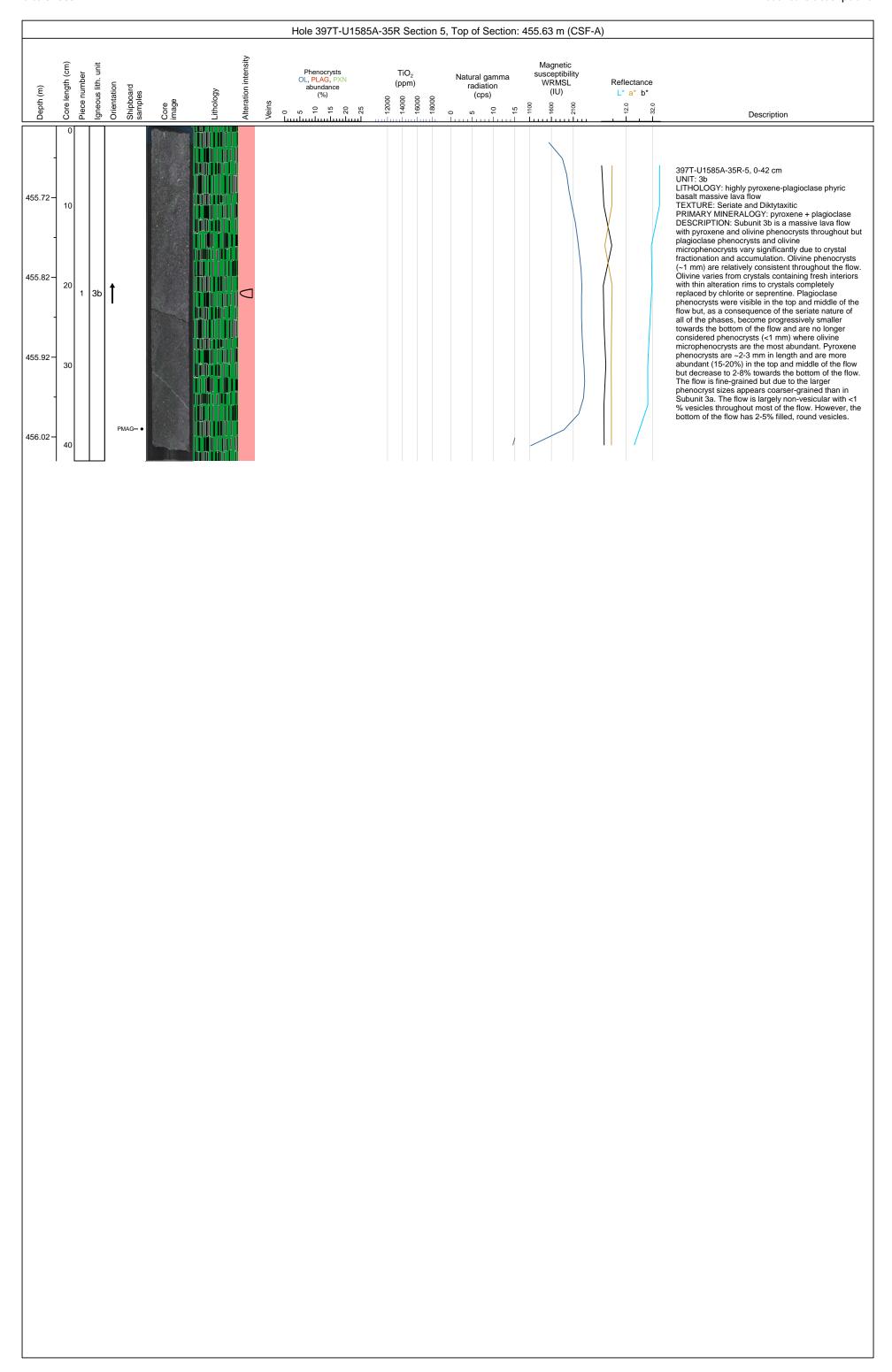


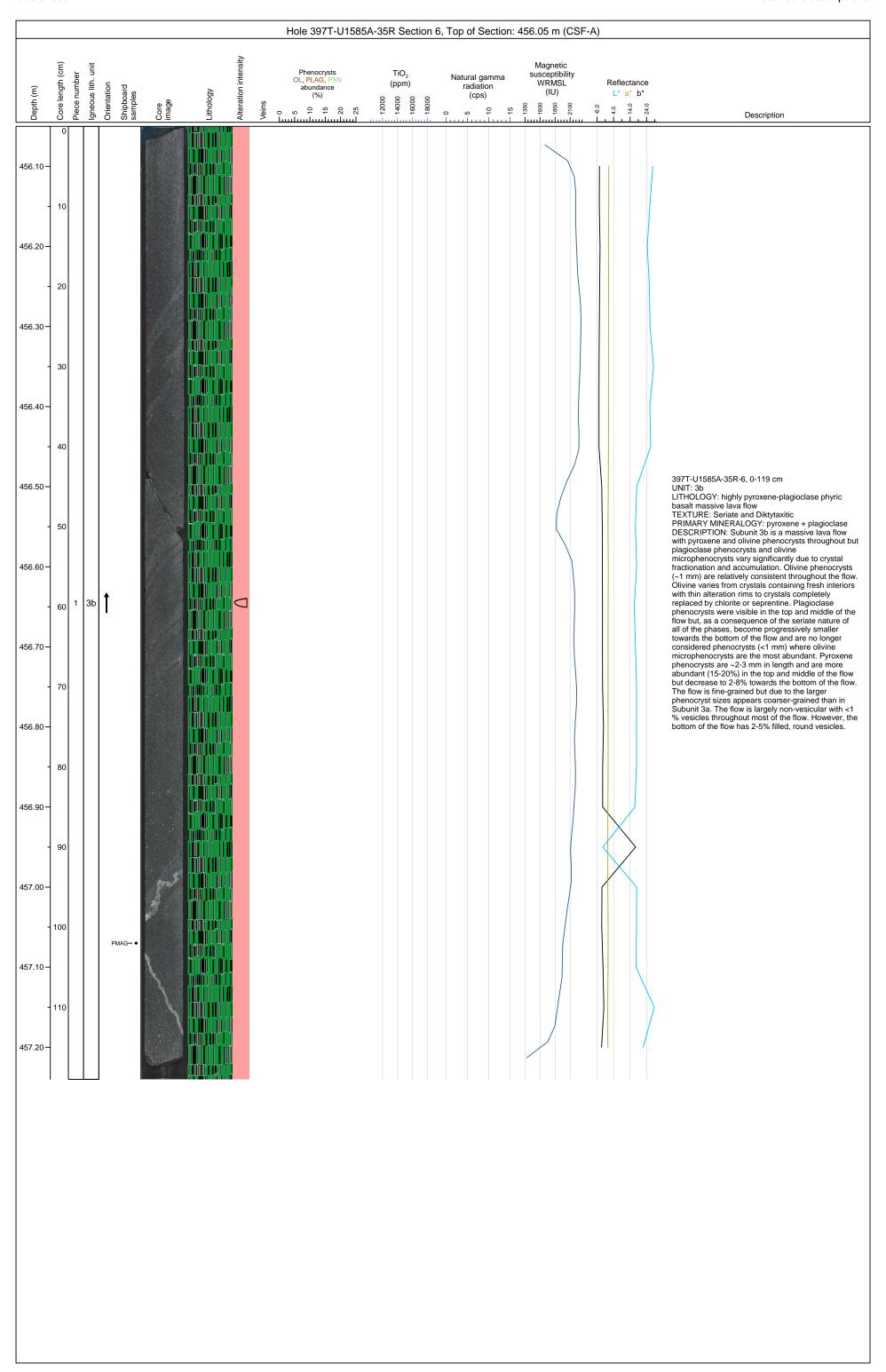


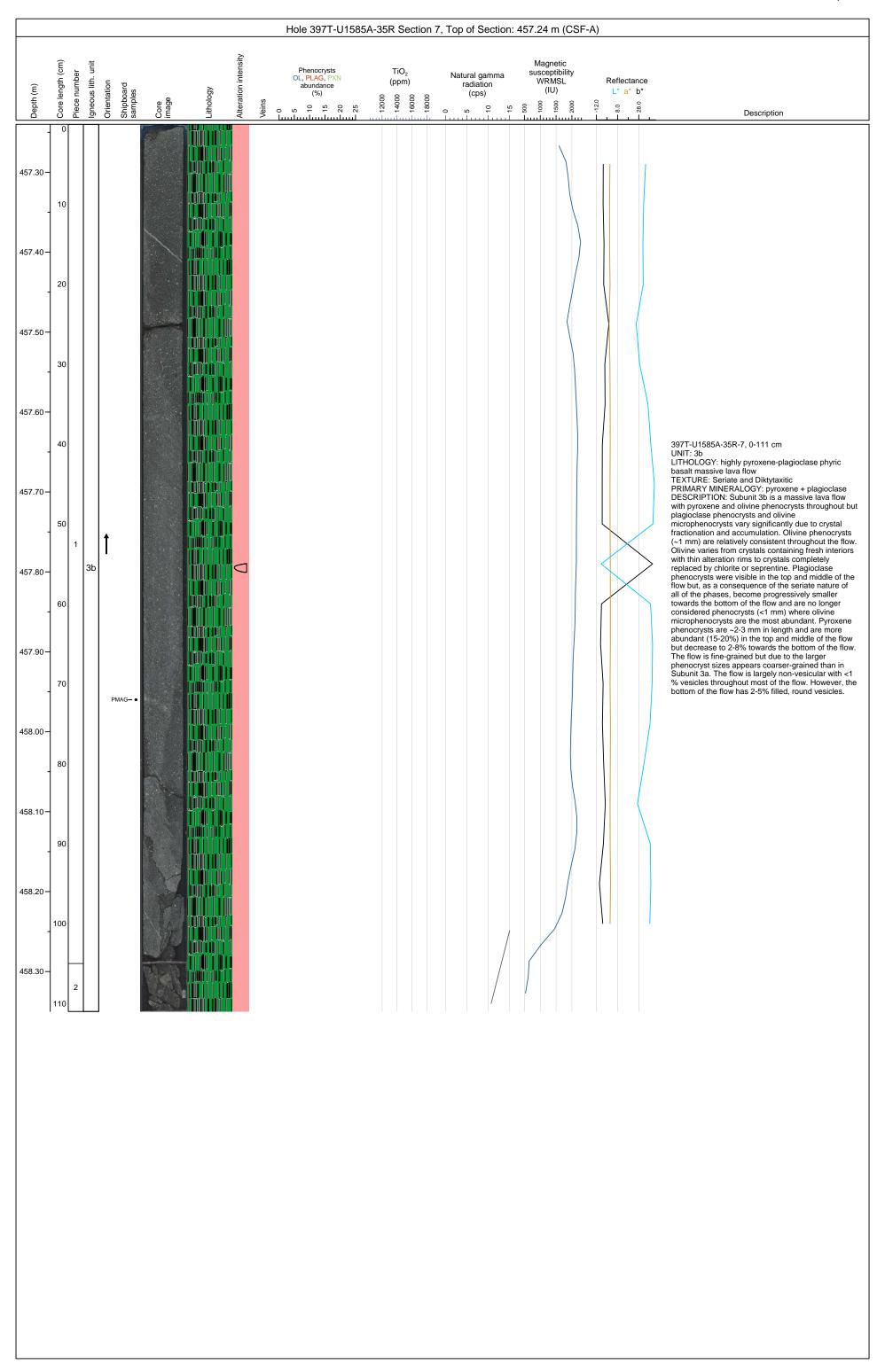
Visual core descriptions

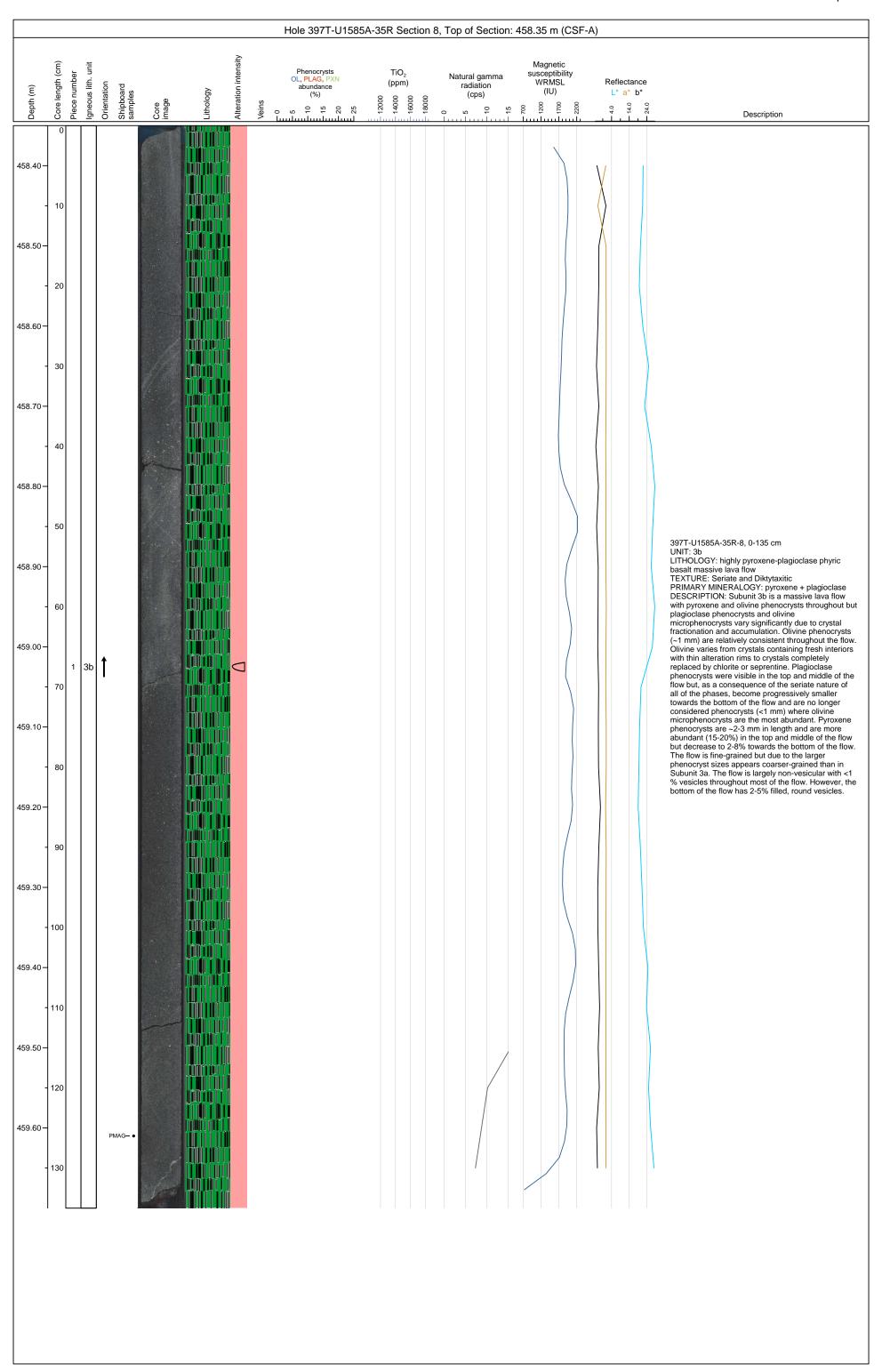
Hole 397T-U1585	A-35R Section 3, Top of Section: 452.66 m (CSF-A)	
(C U Liu Phenocrysts	TiO ₂ Natural gamma susceptibility (ppm) radiation WRMSL Reflectance (cps) (IU) L* a* b*	
Depth (m) Core length (cm) Piece number Igneous lith. unit Orientation Shipboard samples Core image image (%) Alteration intensity Veins Veins Veins 15 0 15 15 15 15 15 15 15 15 15 15 15 15 15	0 0 0 0	
Core Ignec Orien Shipt samp samp image ima	1200 1400 1400 1400 1400 1400 1400 1400	Description

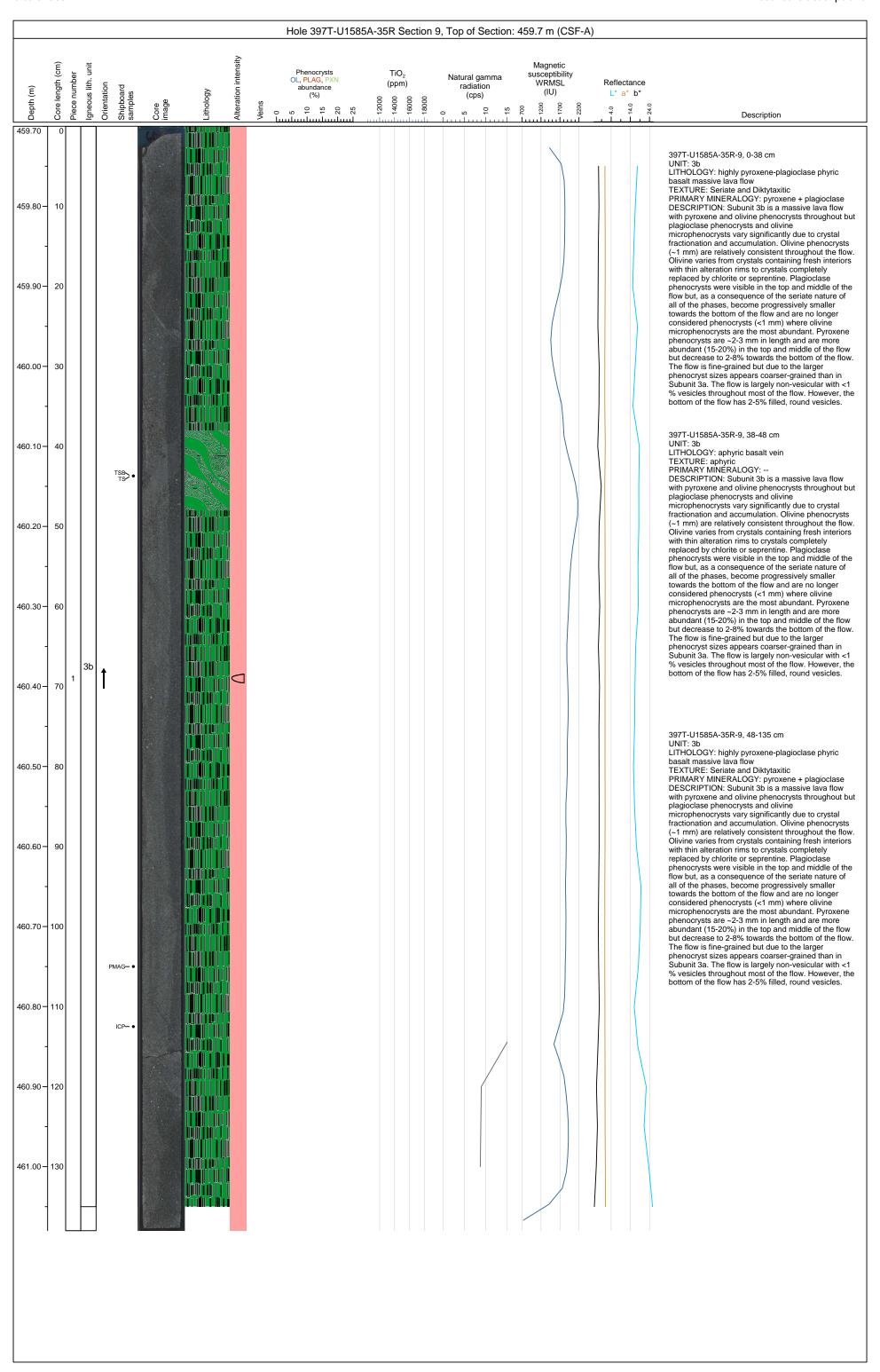


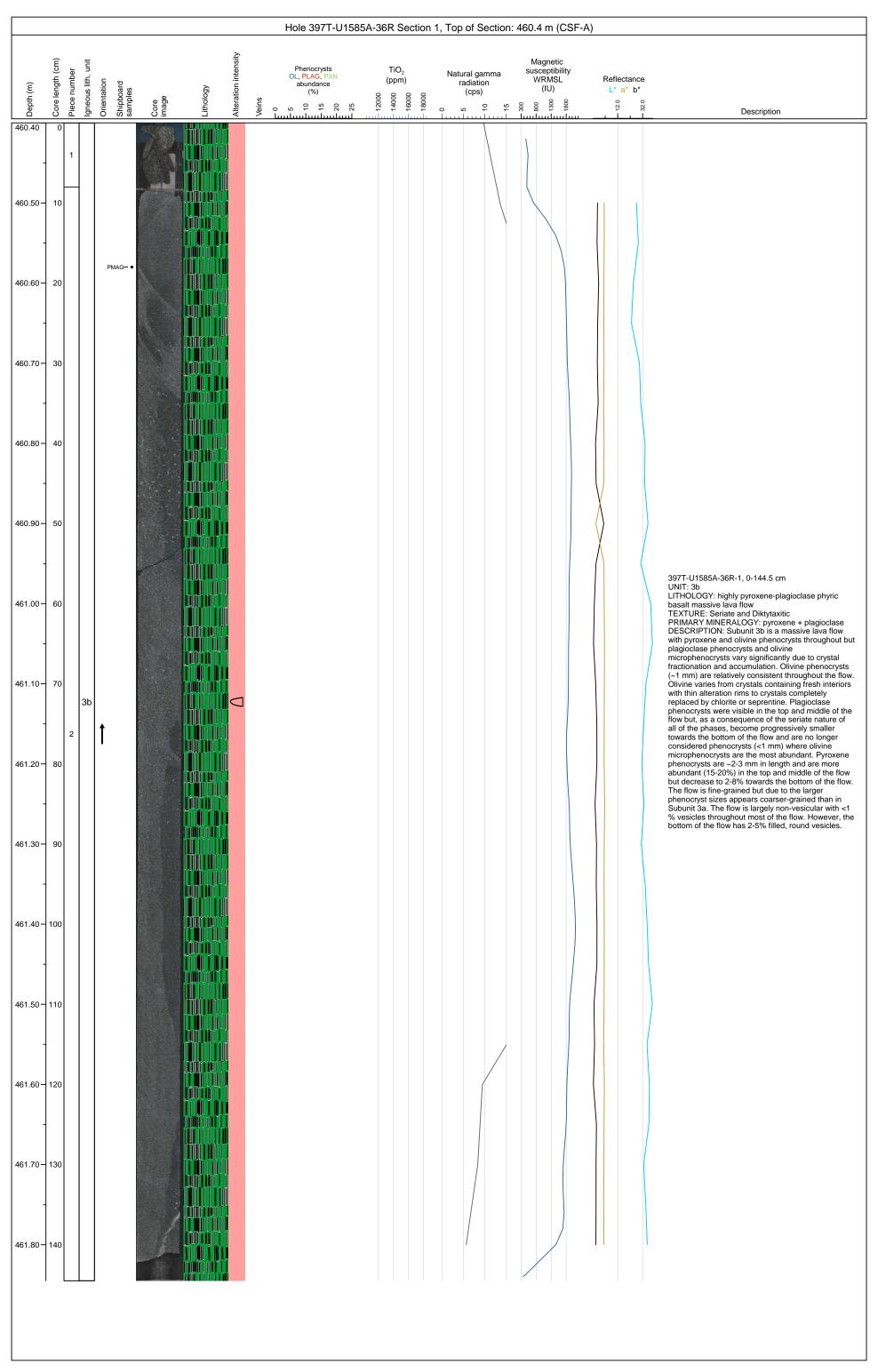


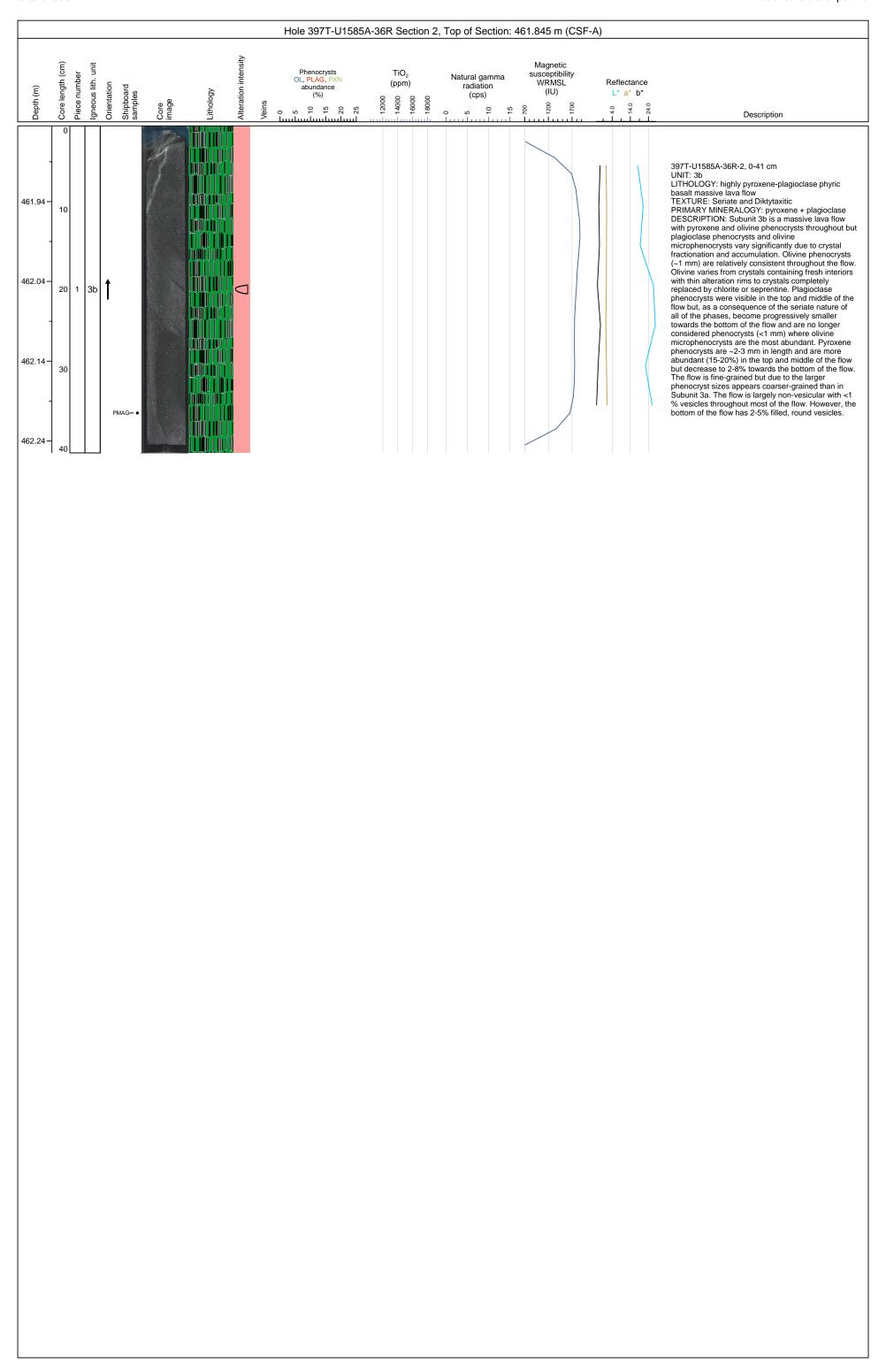


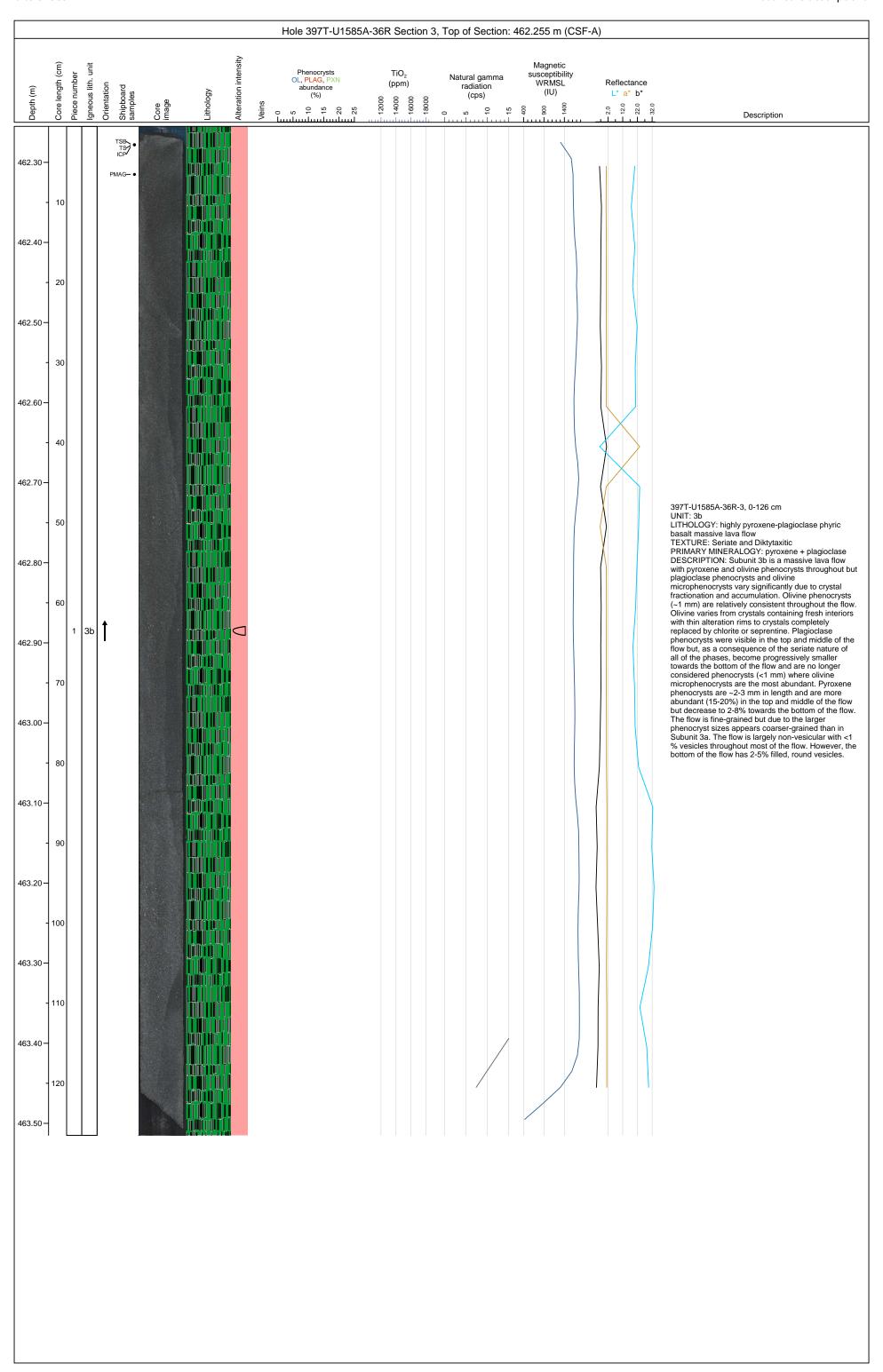


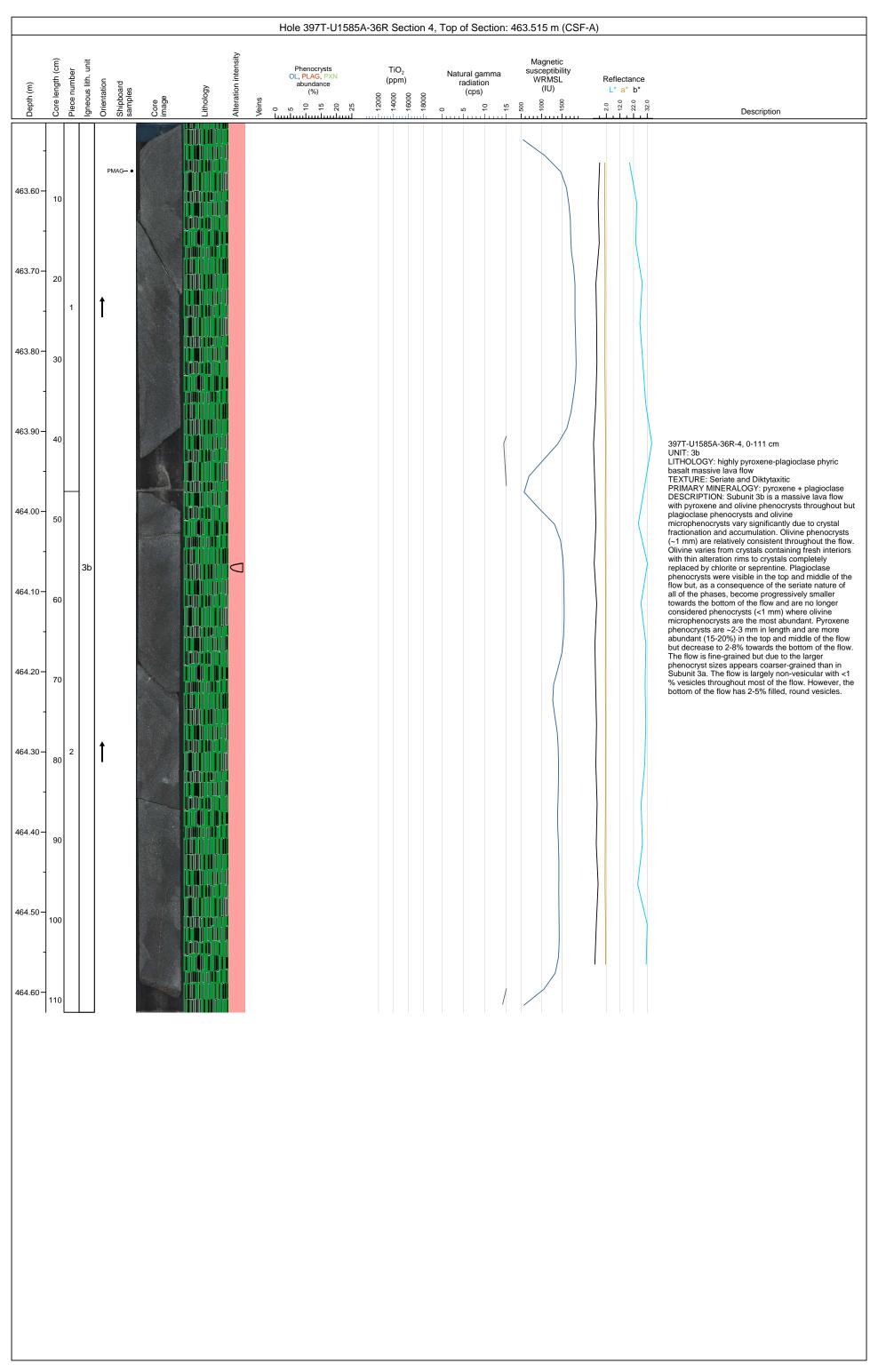


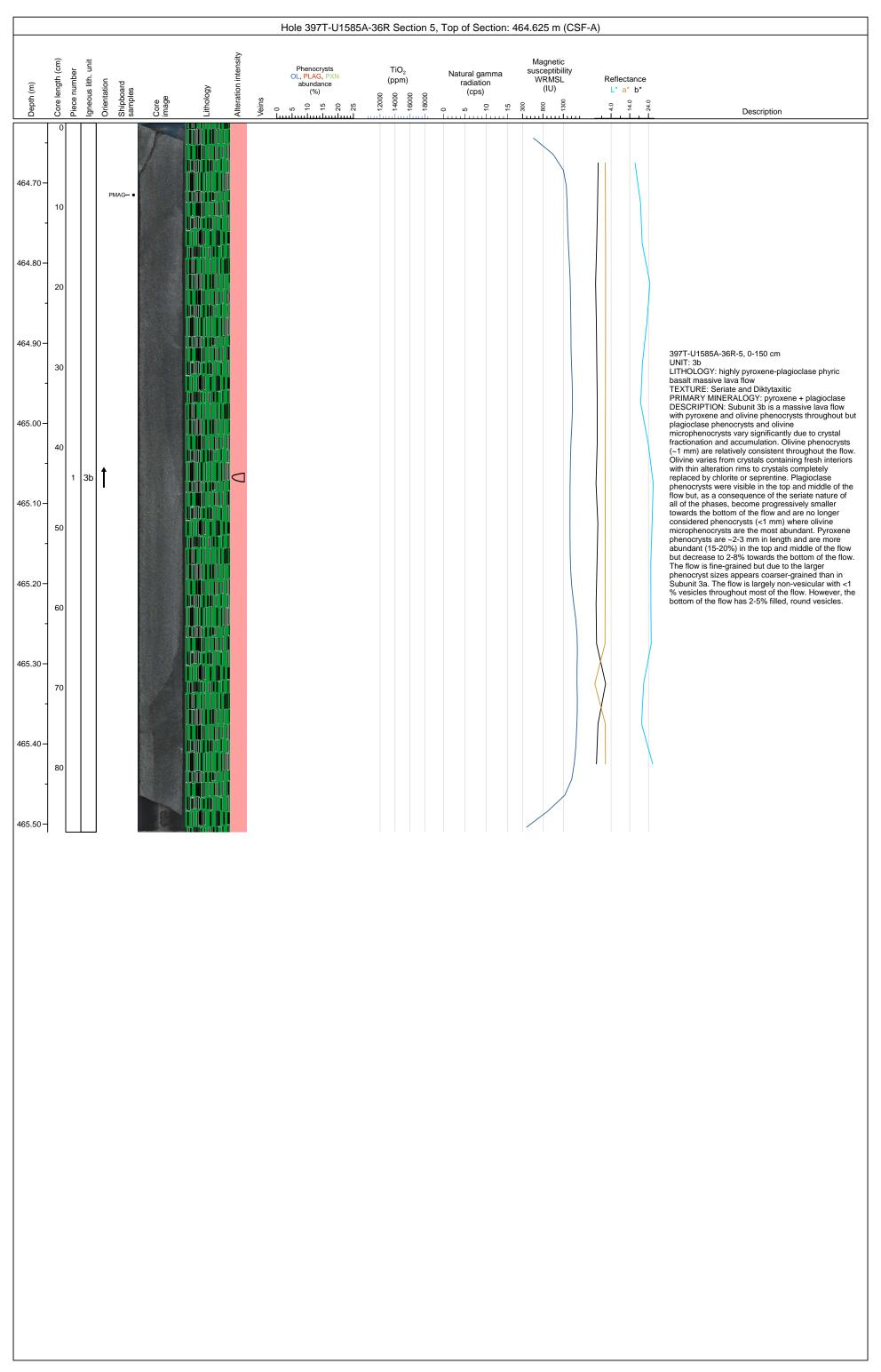


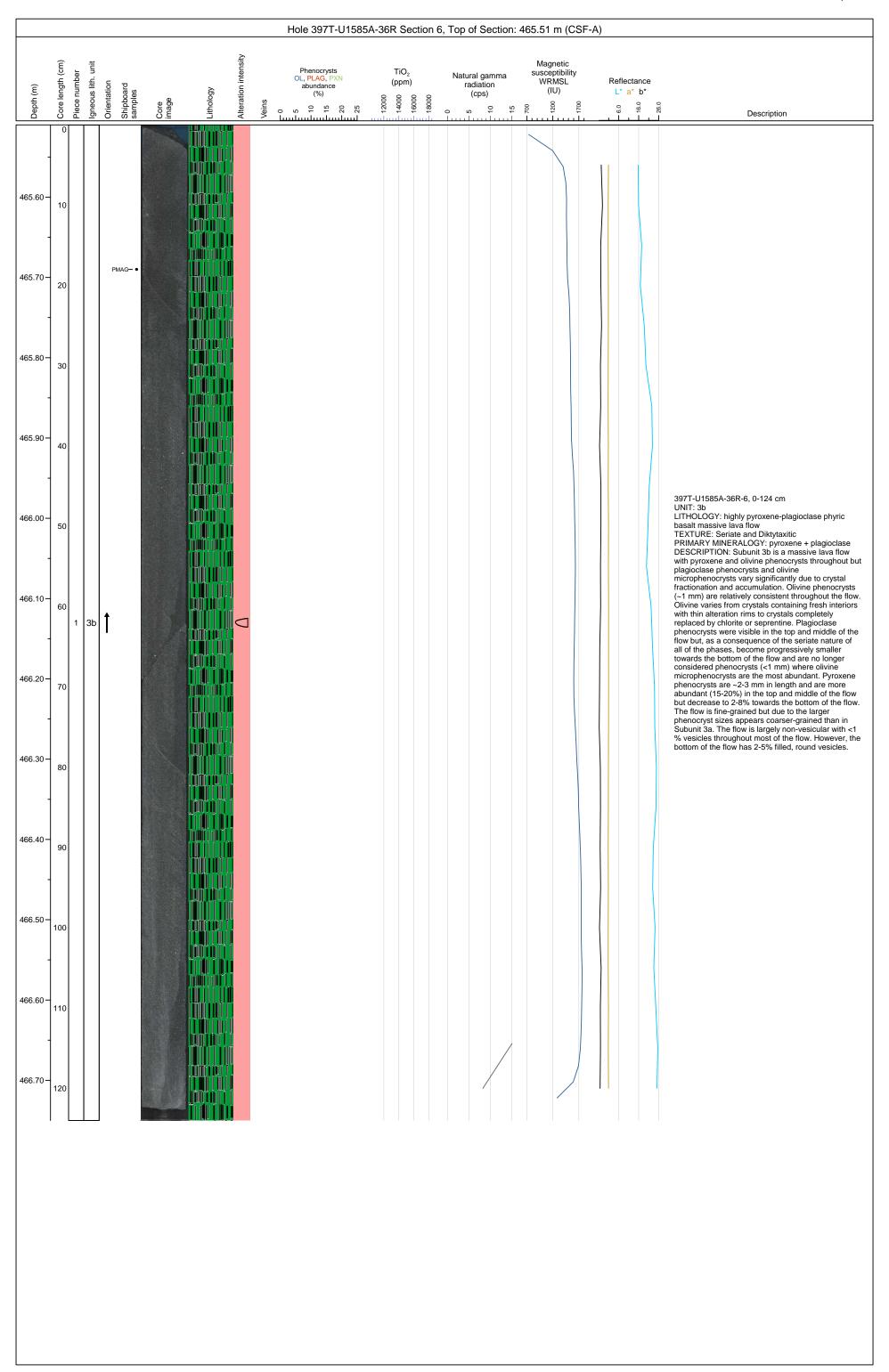


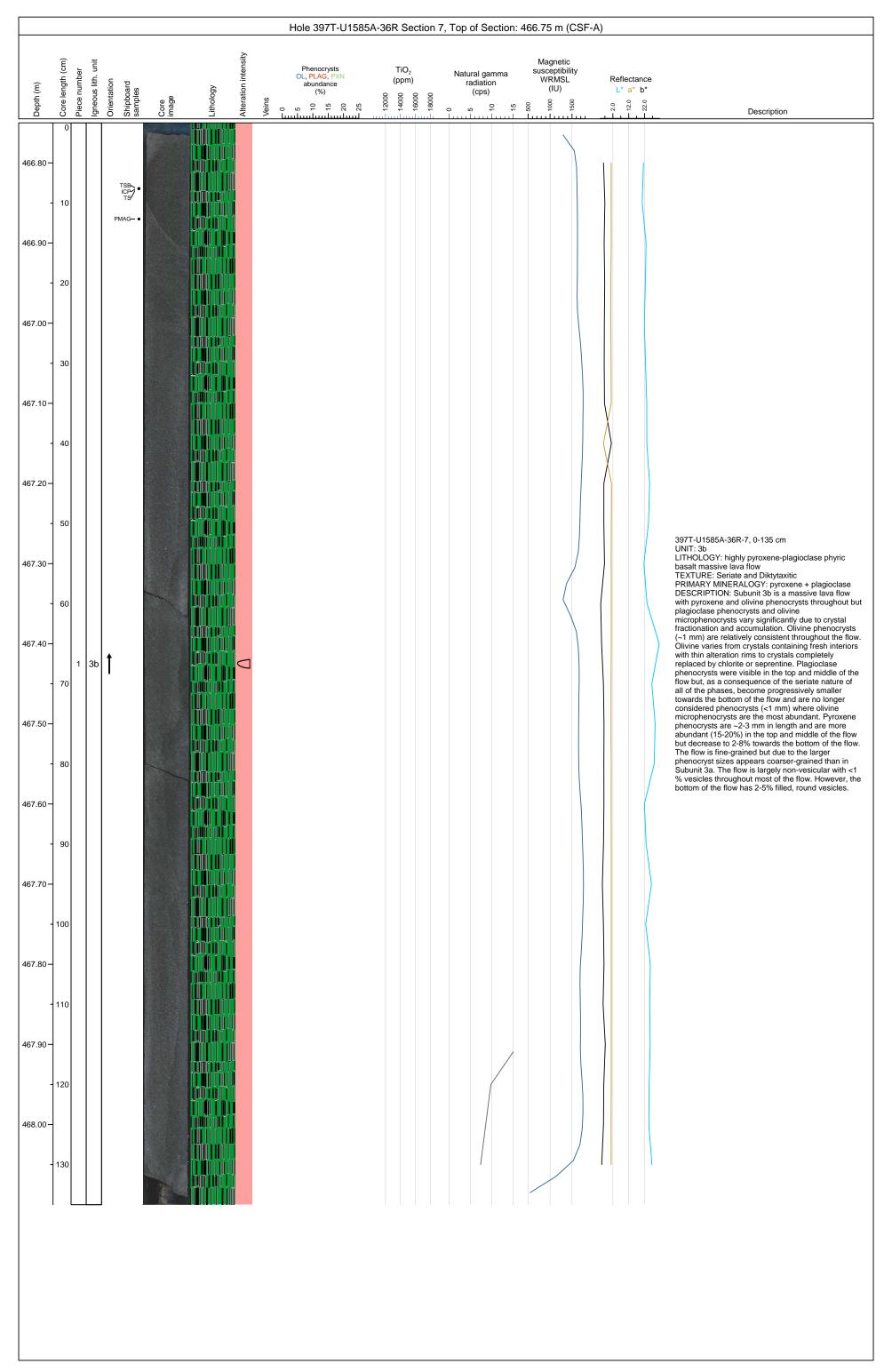


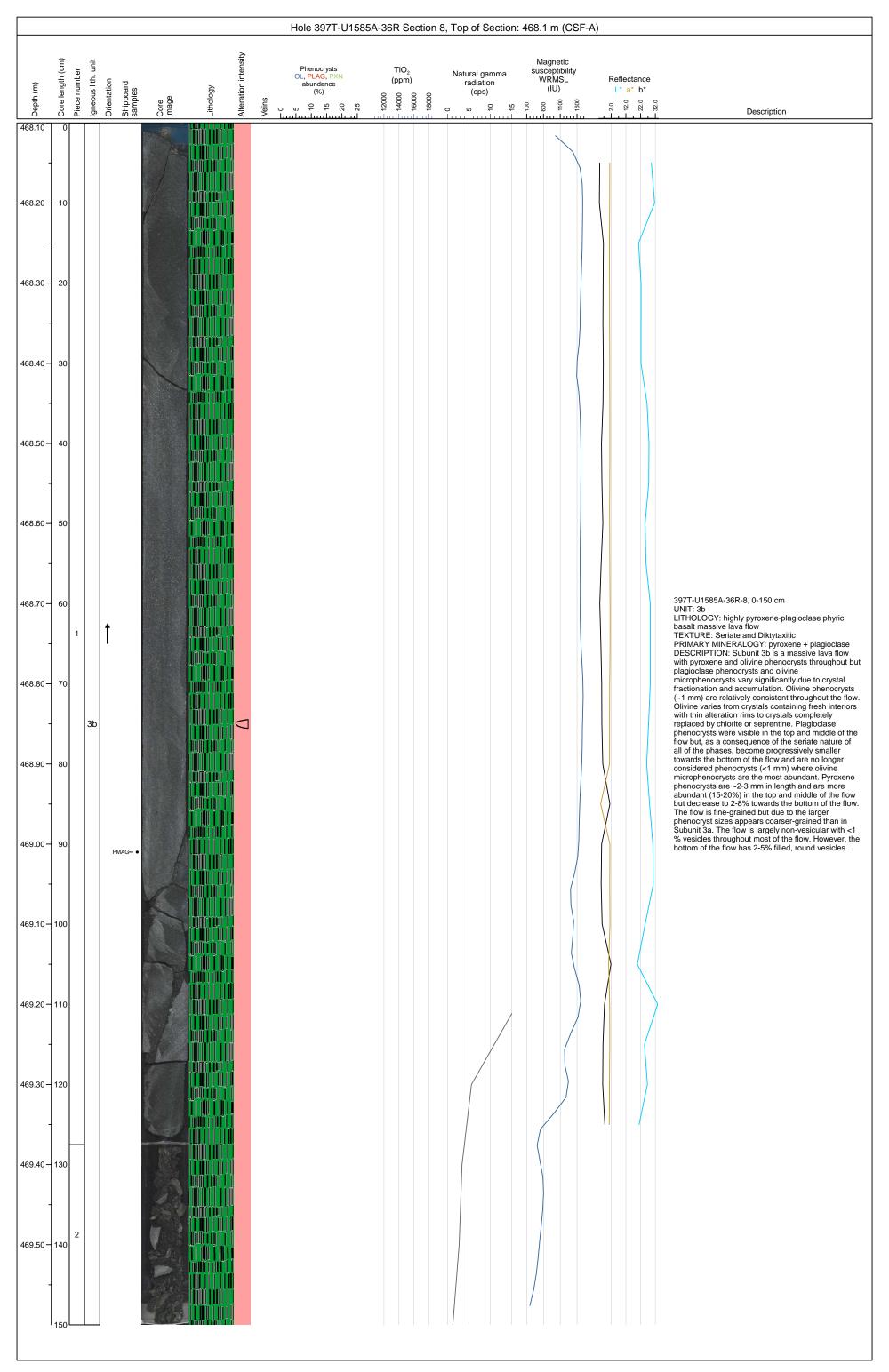


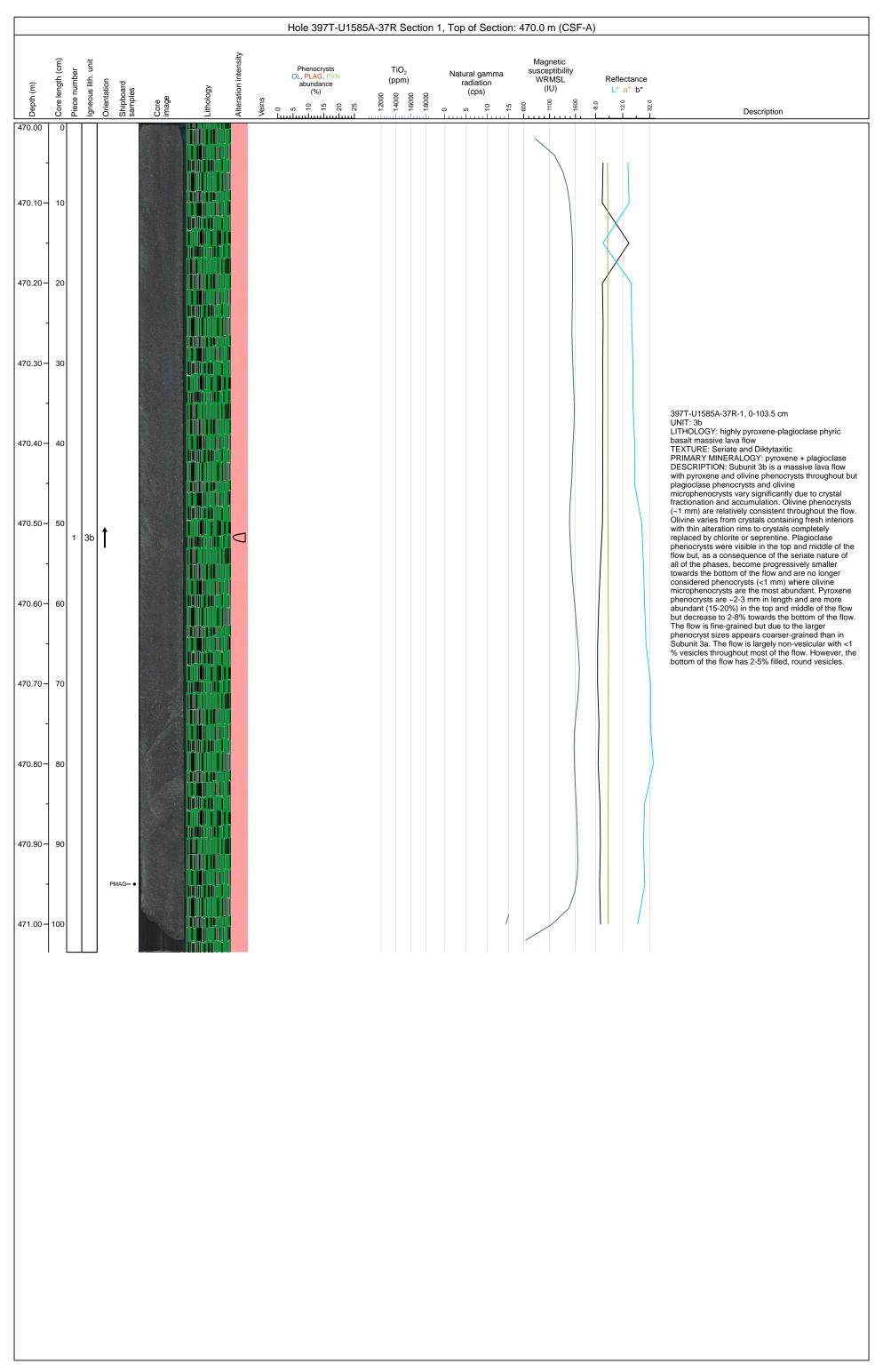


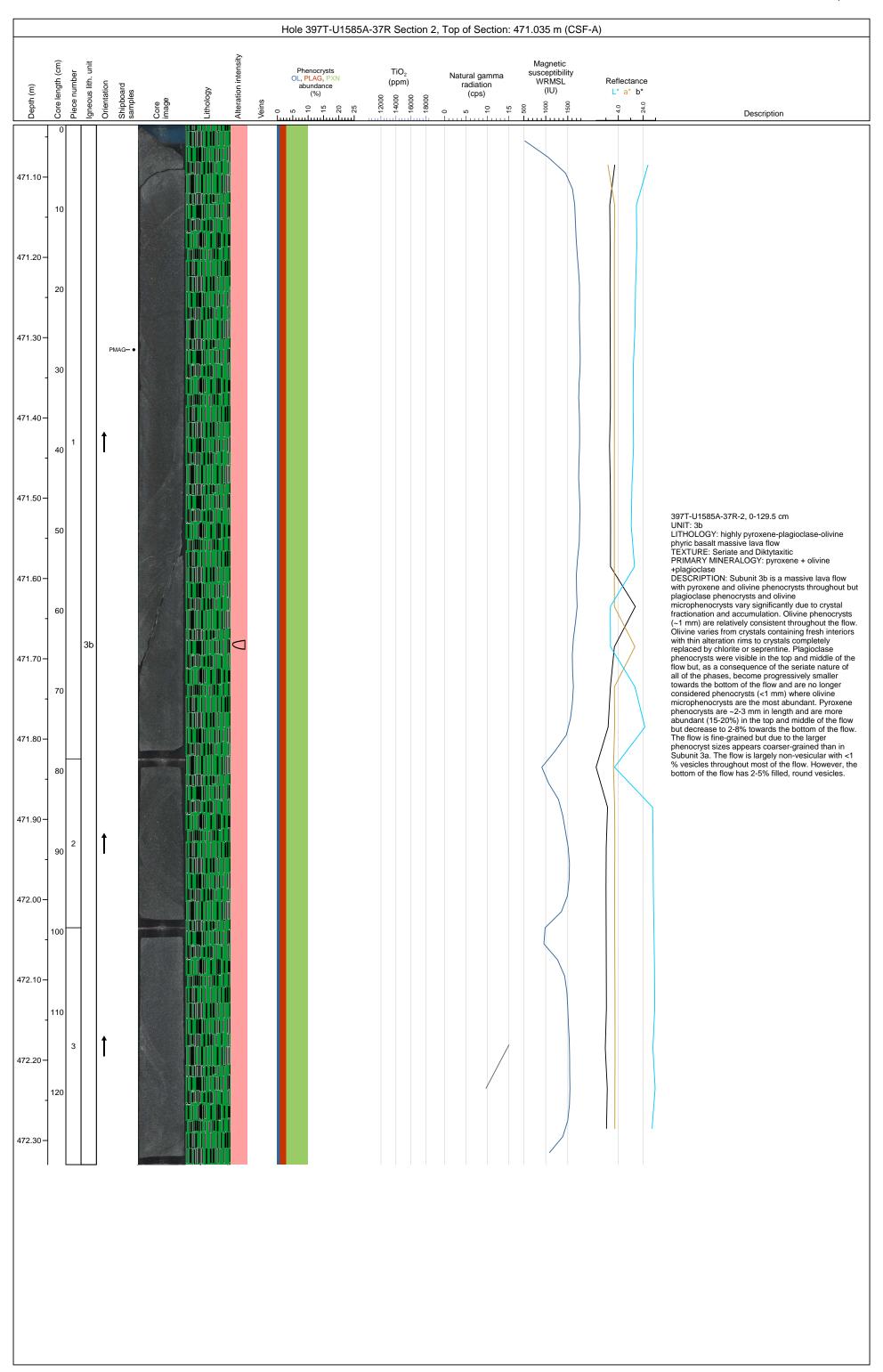


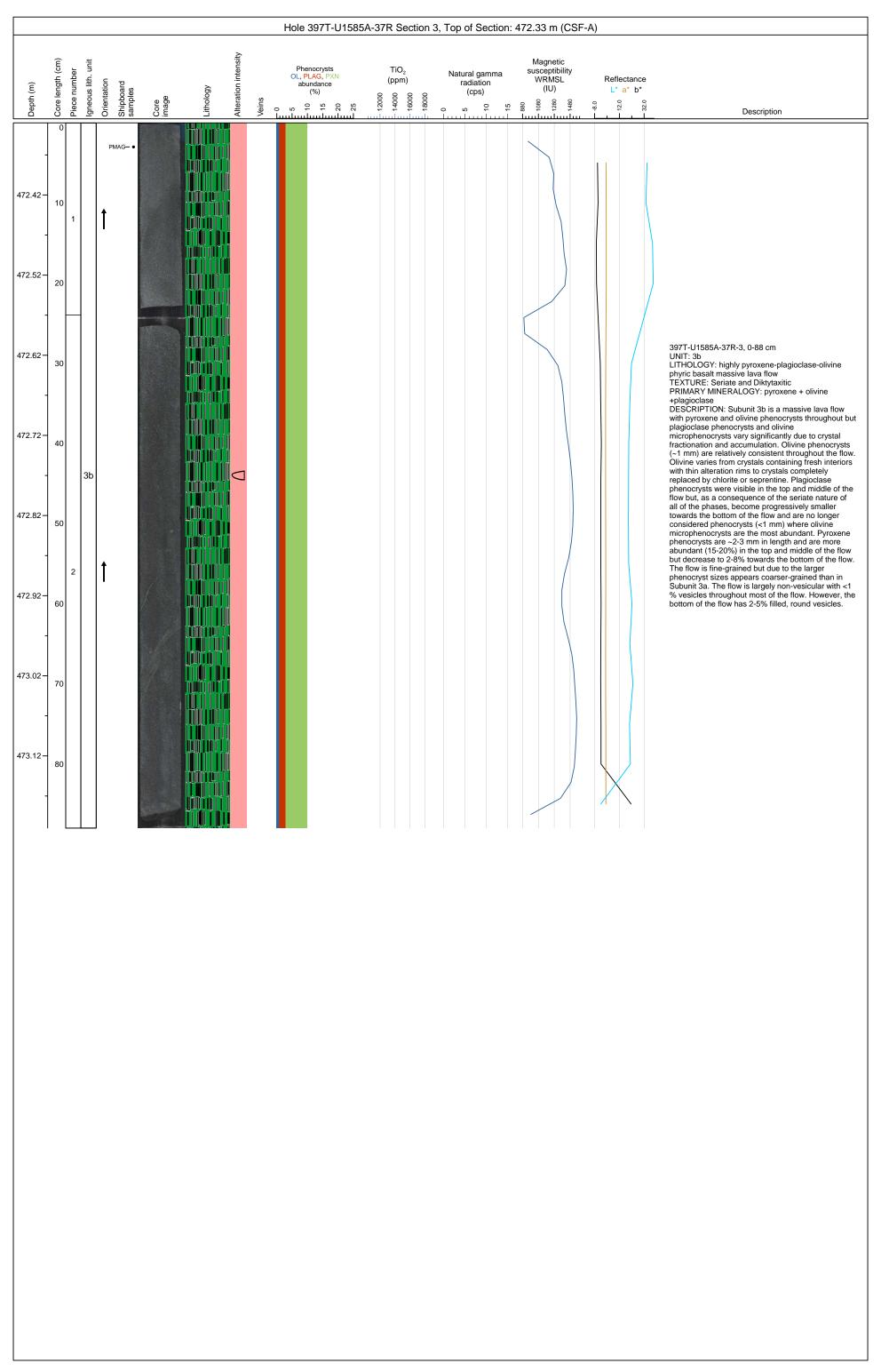


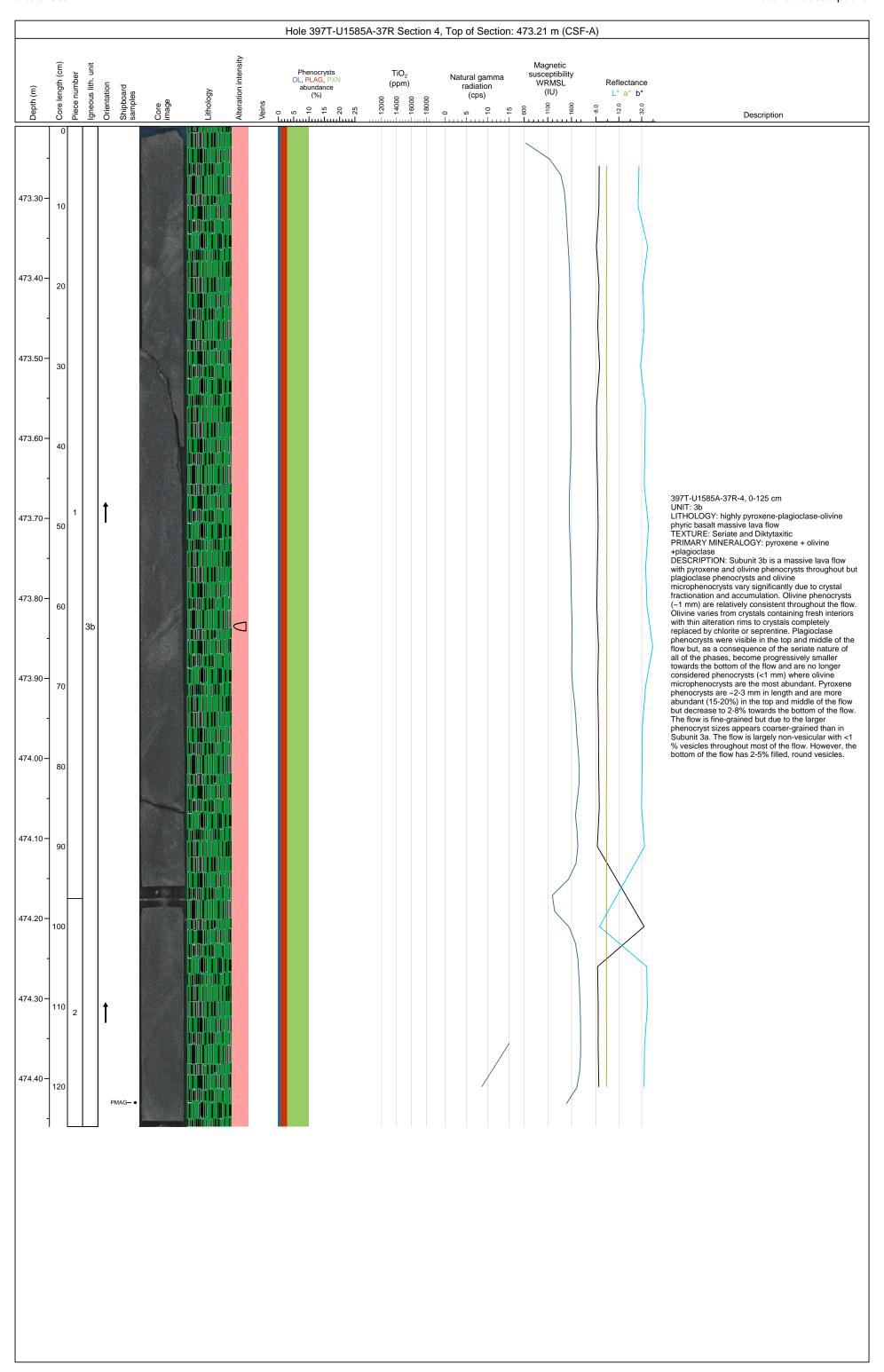


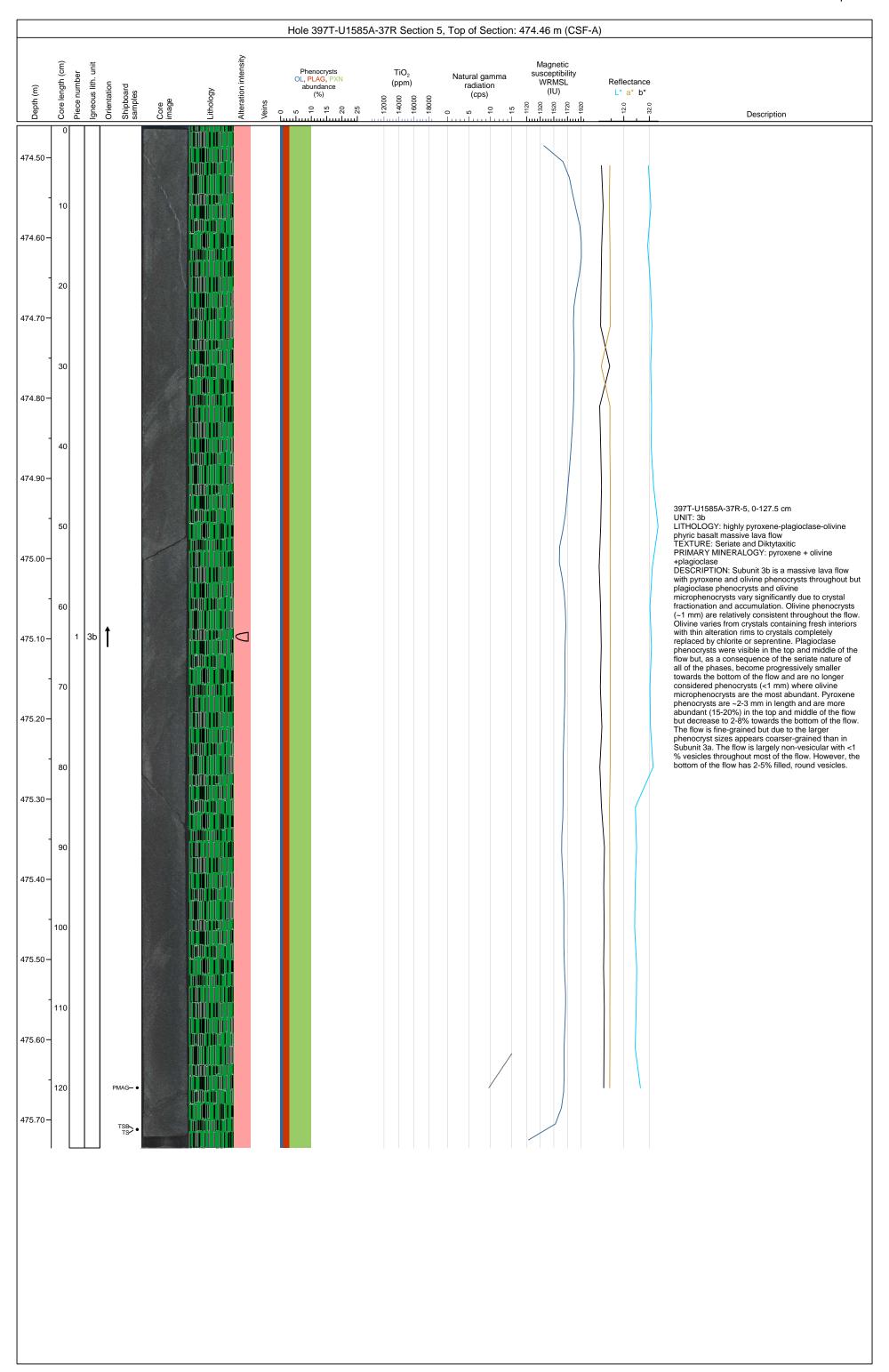


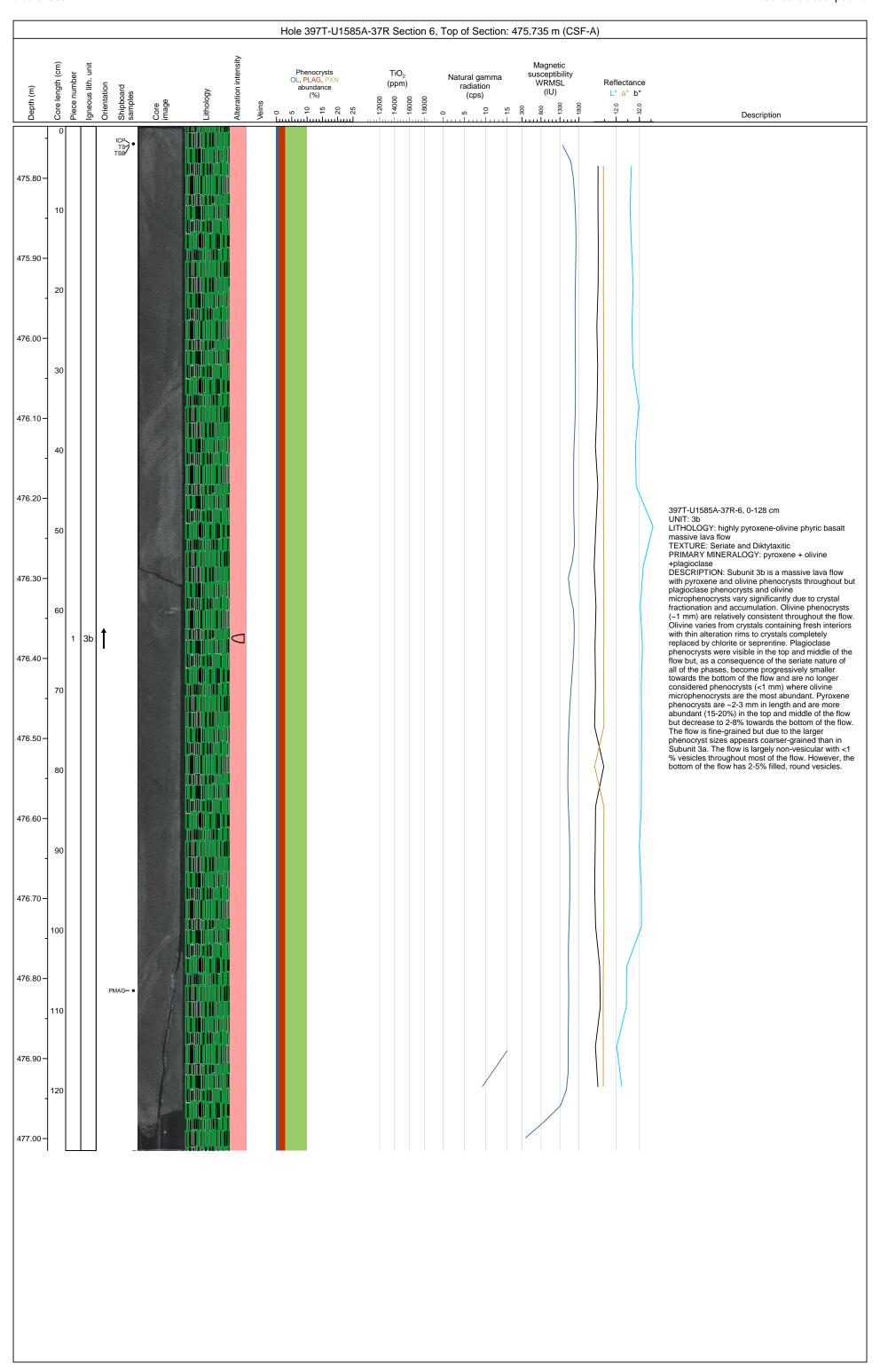


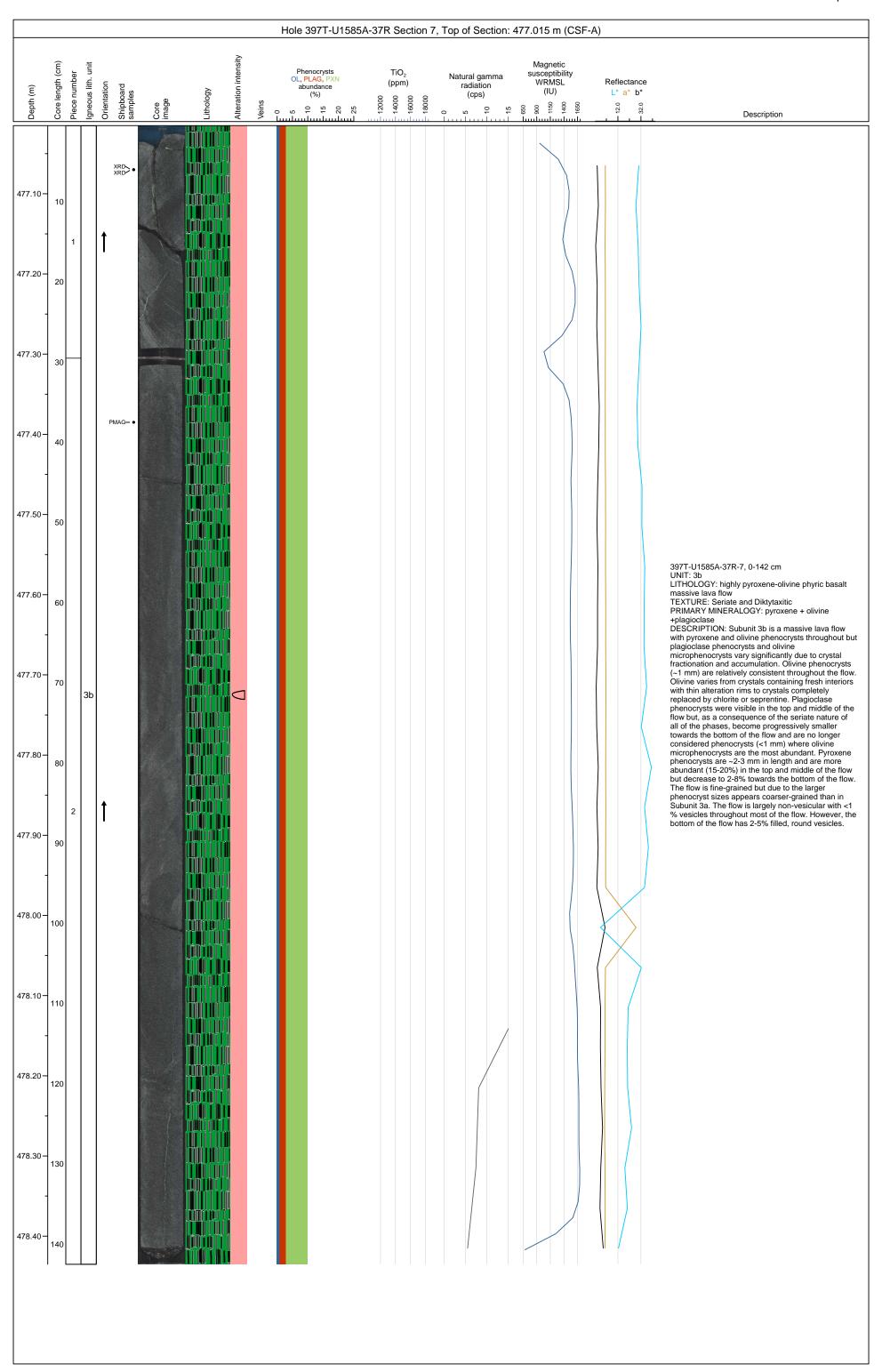


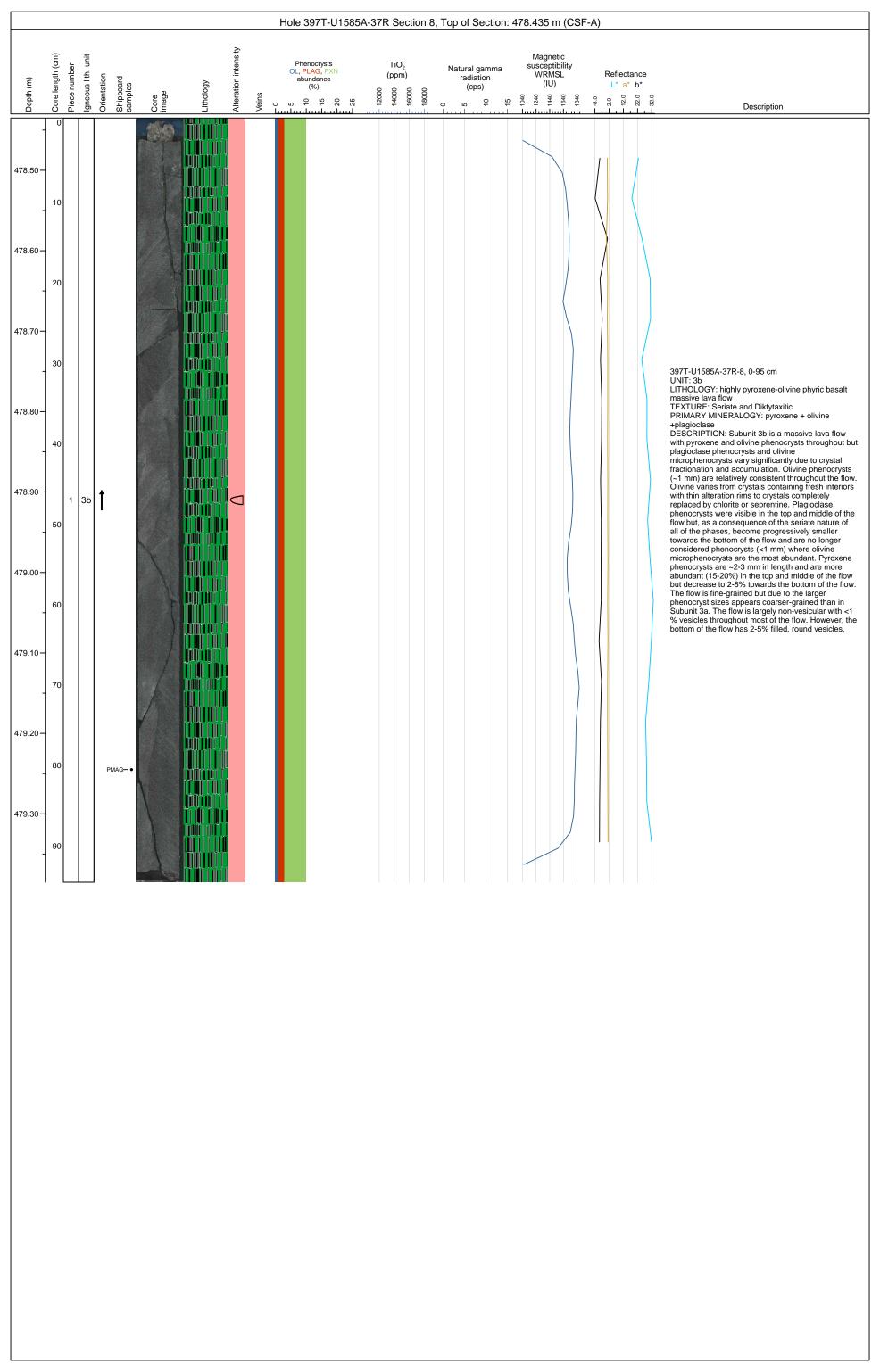


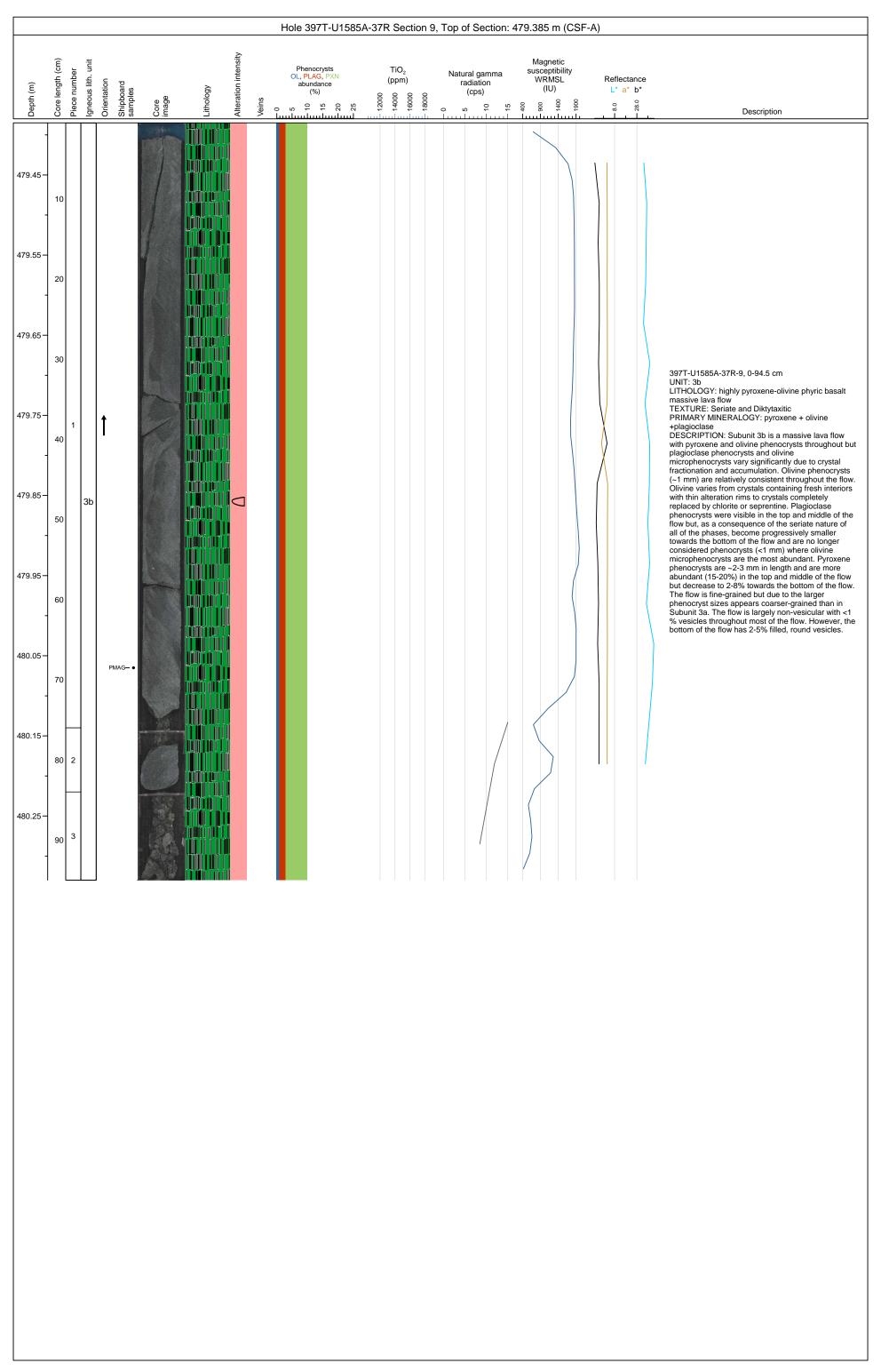


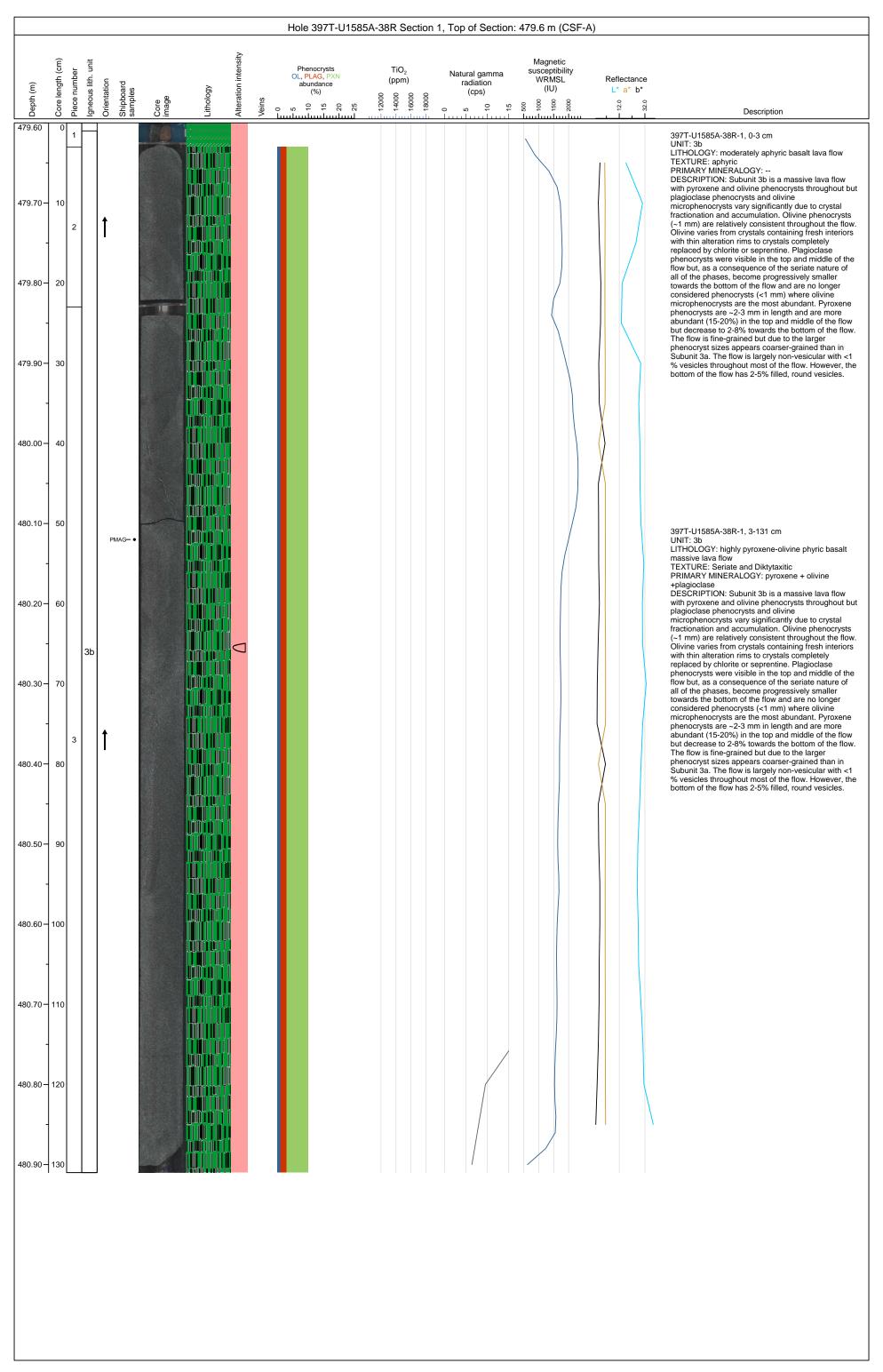


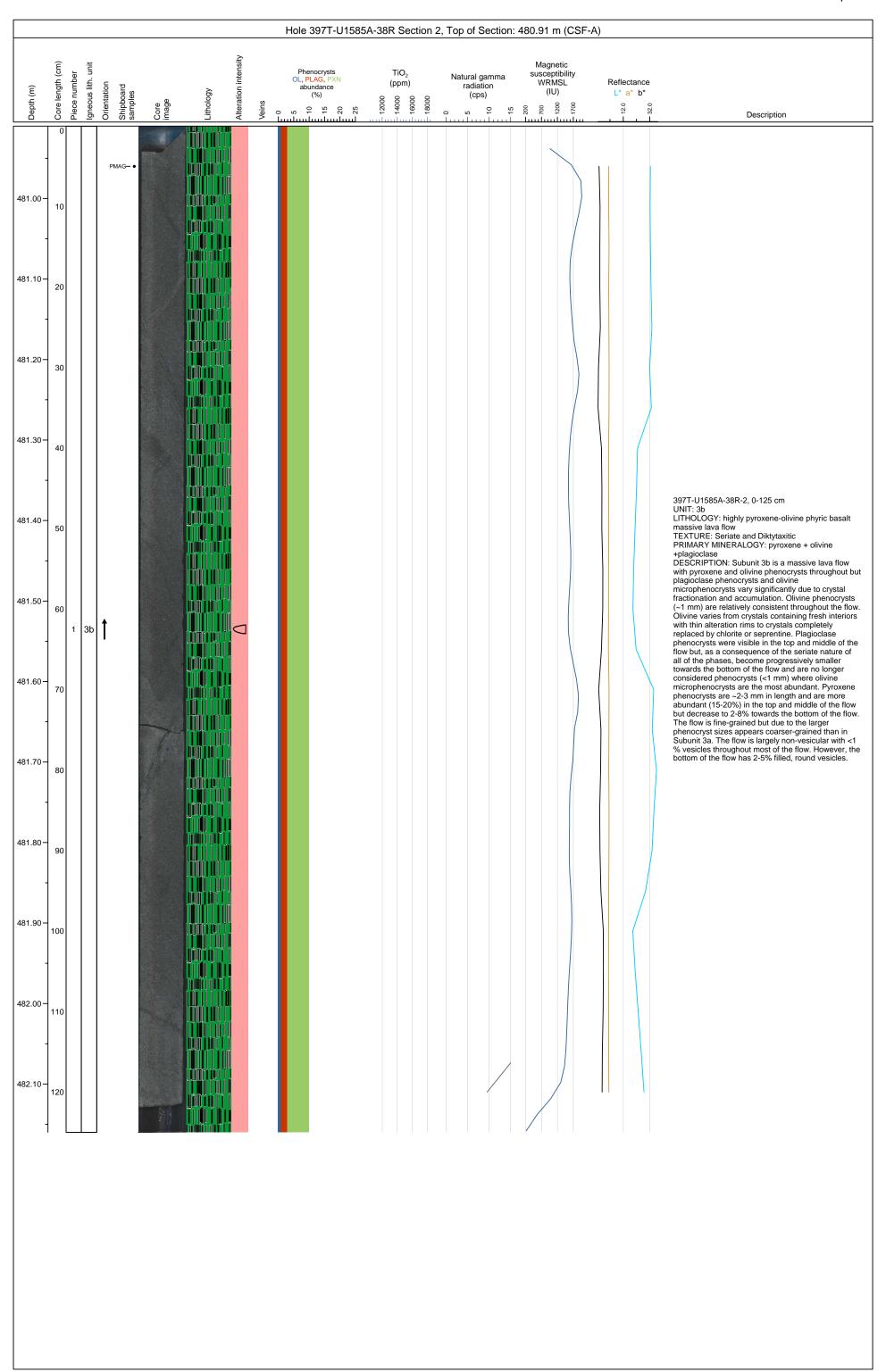


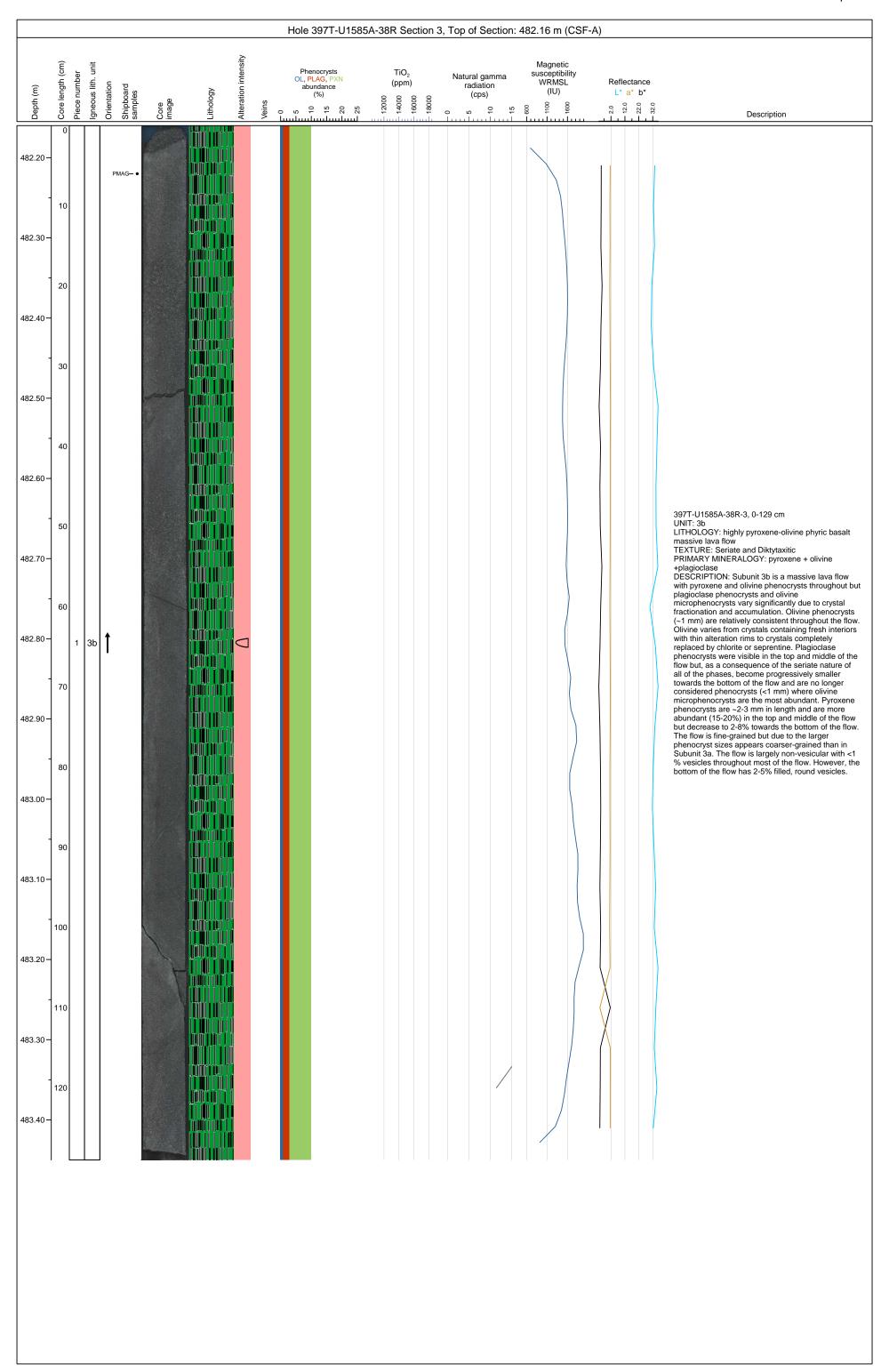




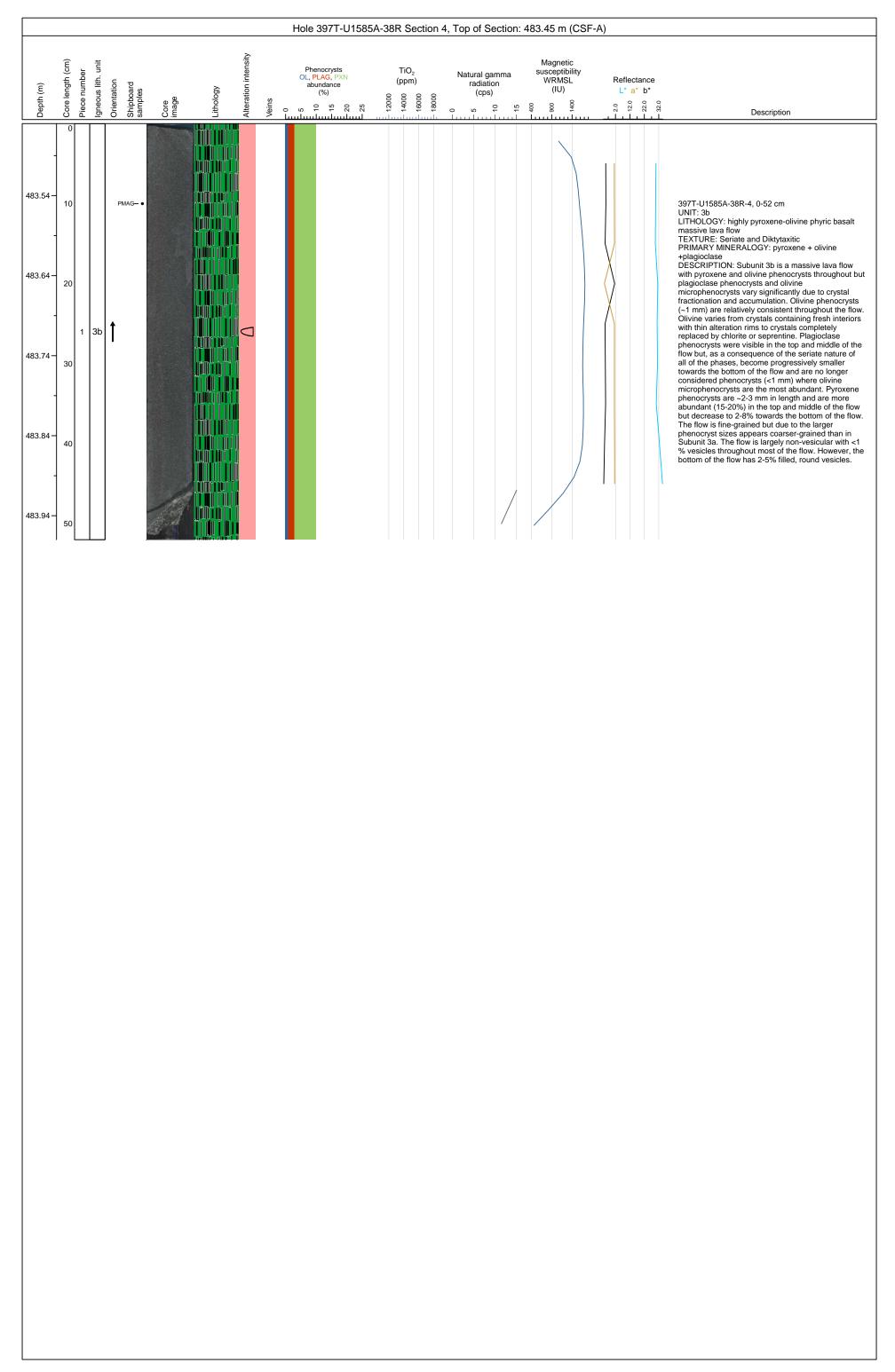


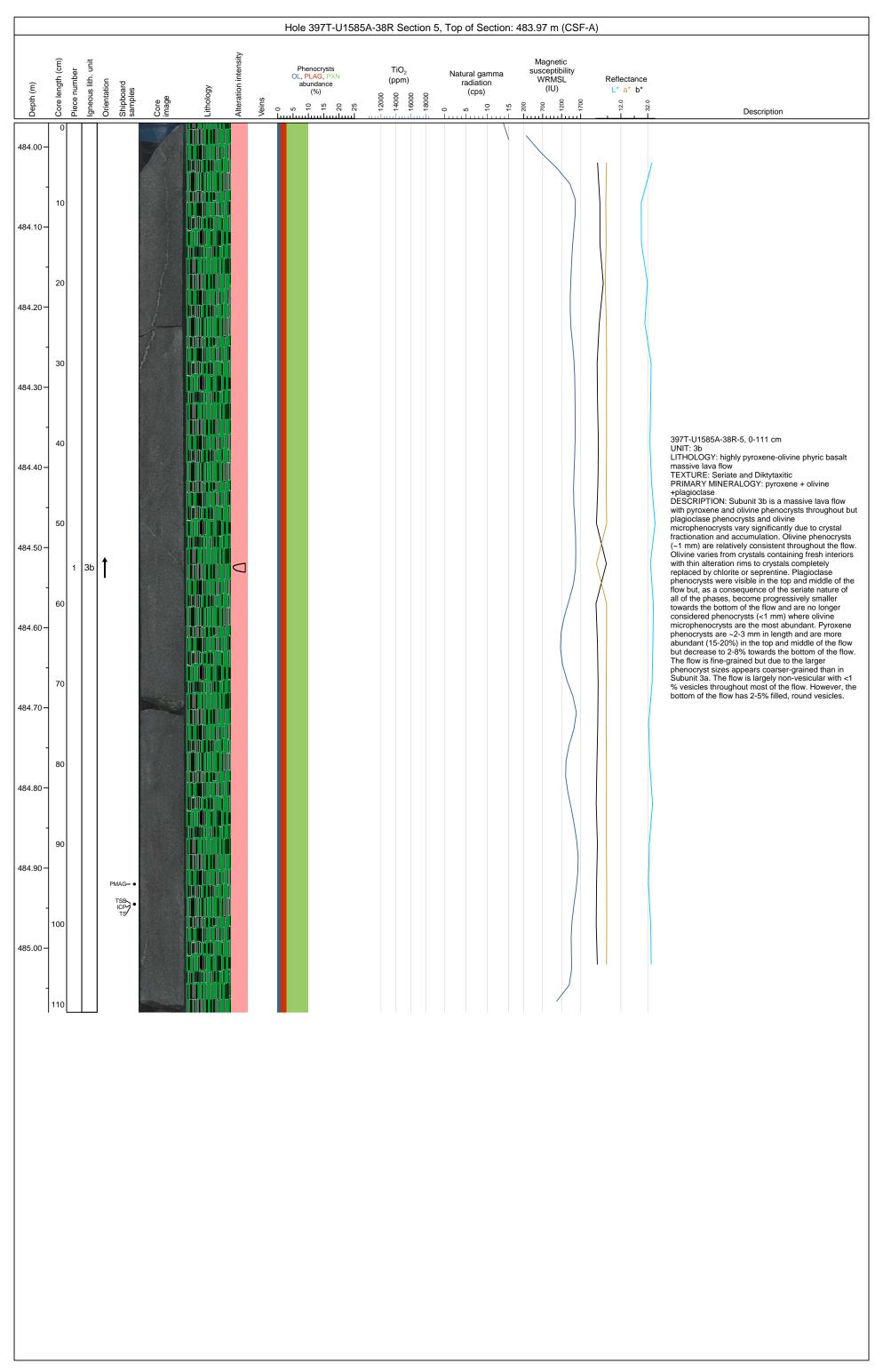




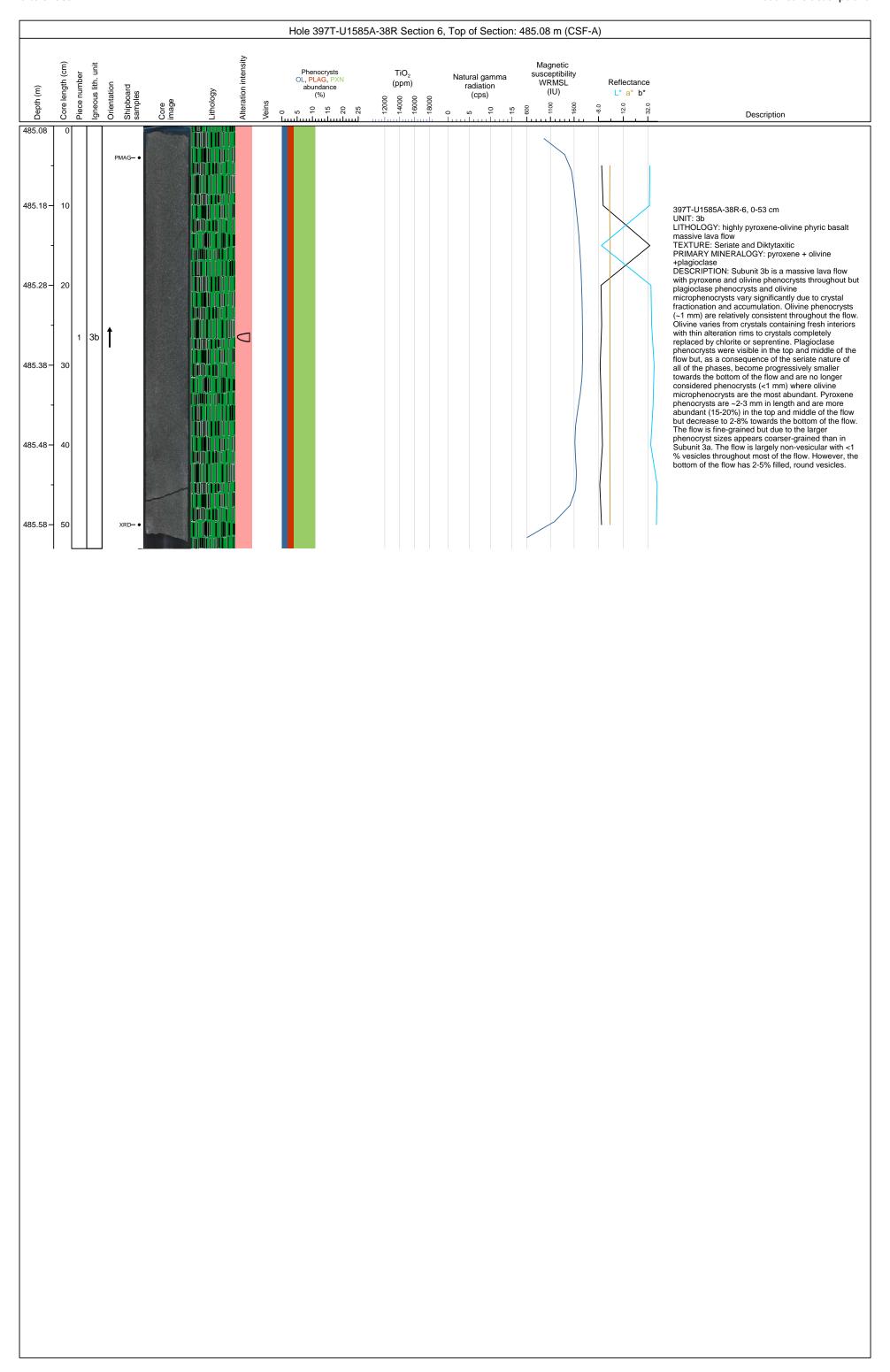


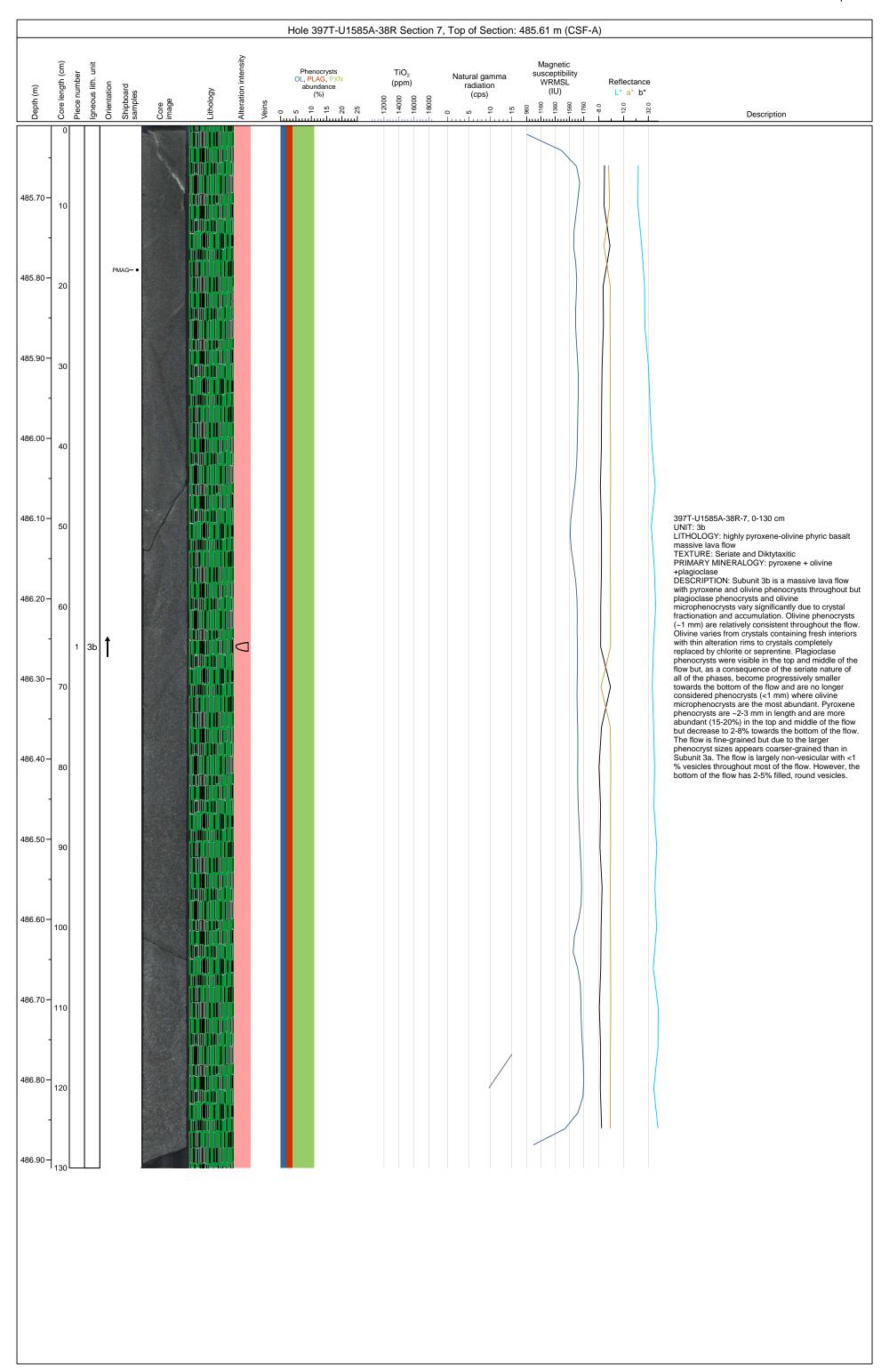
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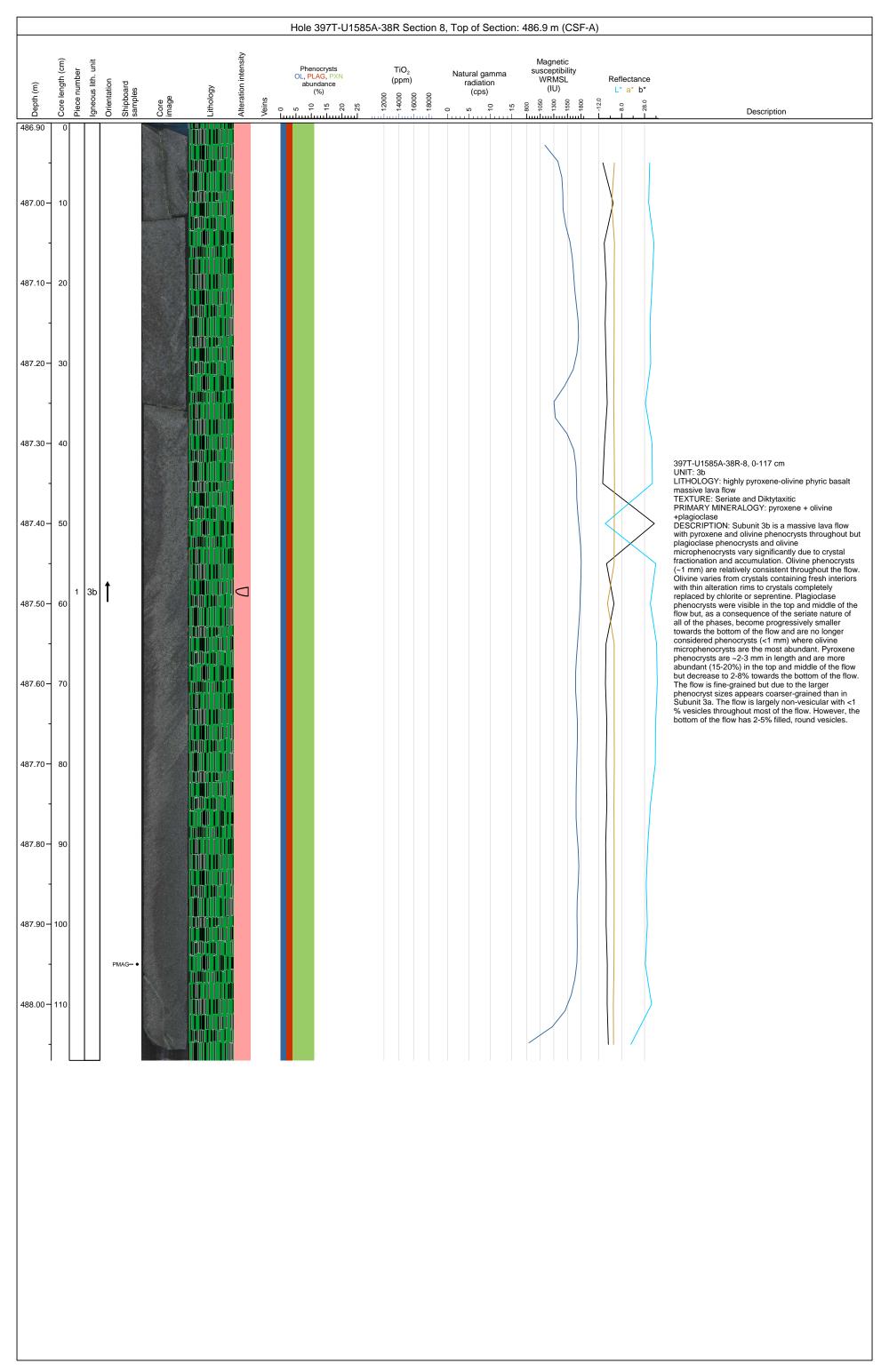


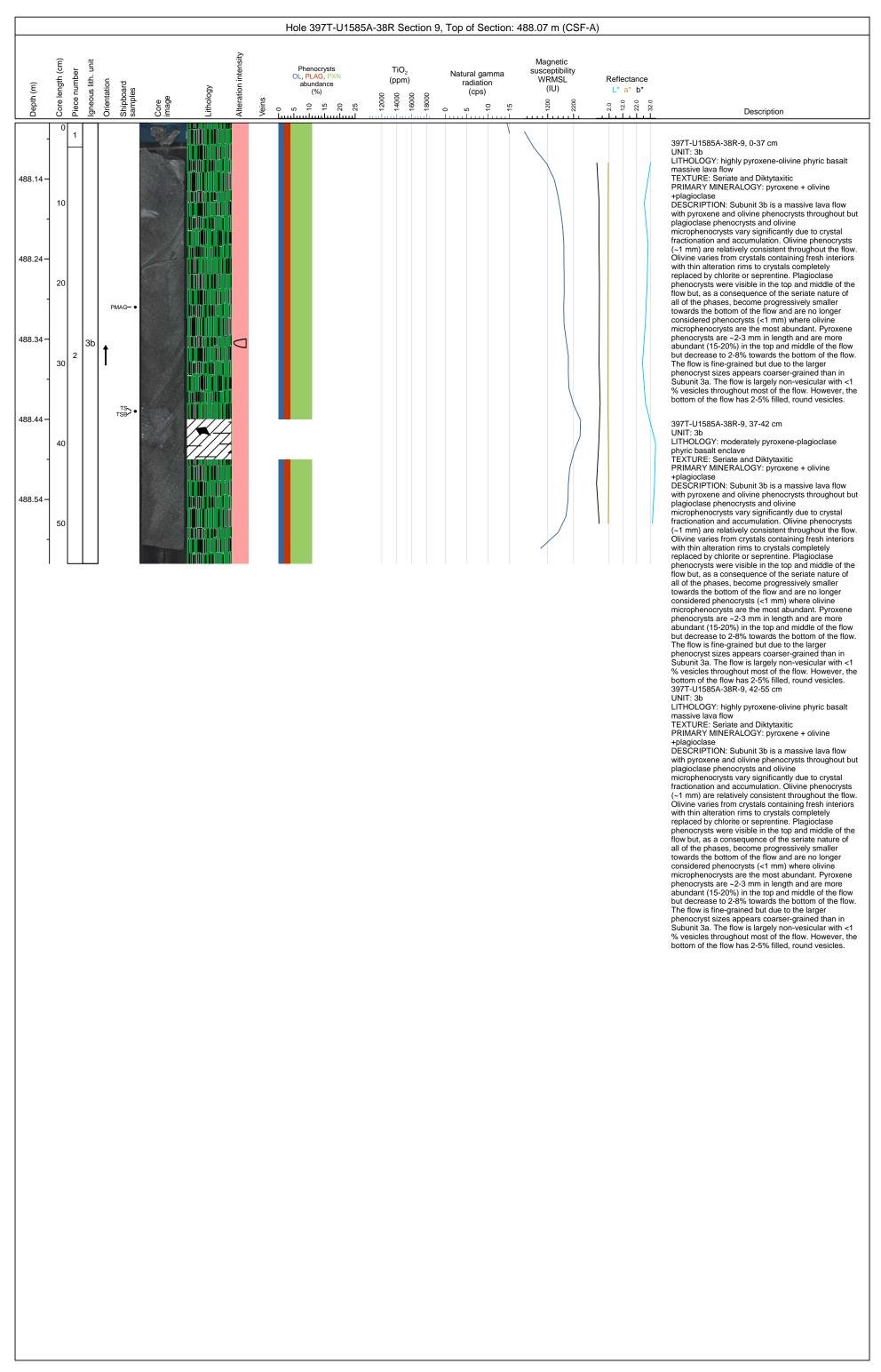


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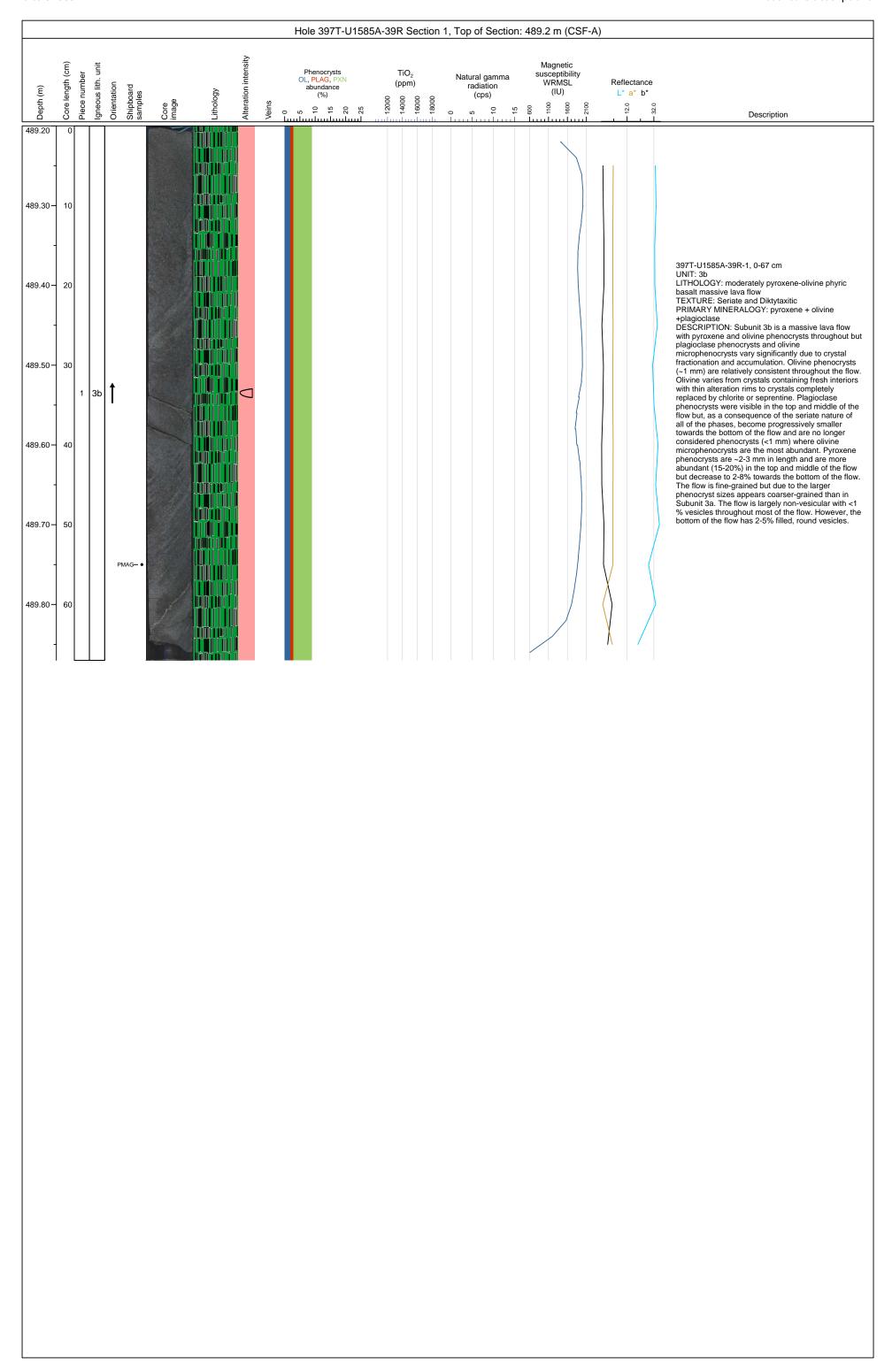


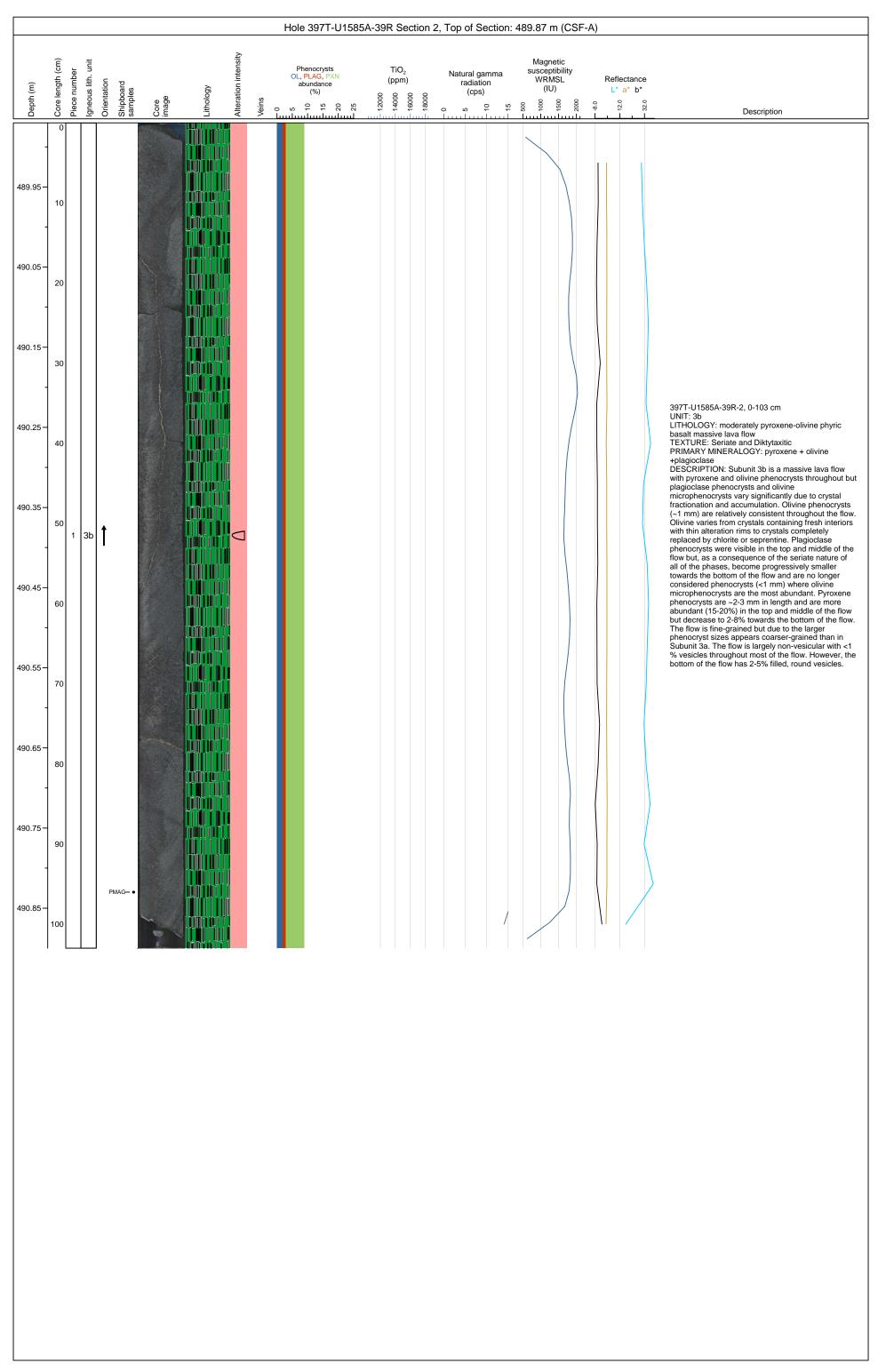


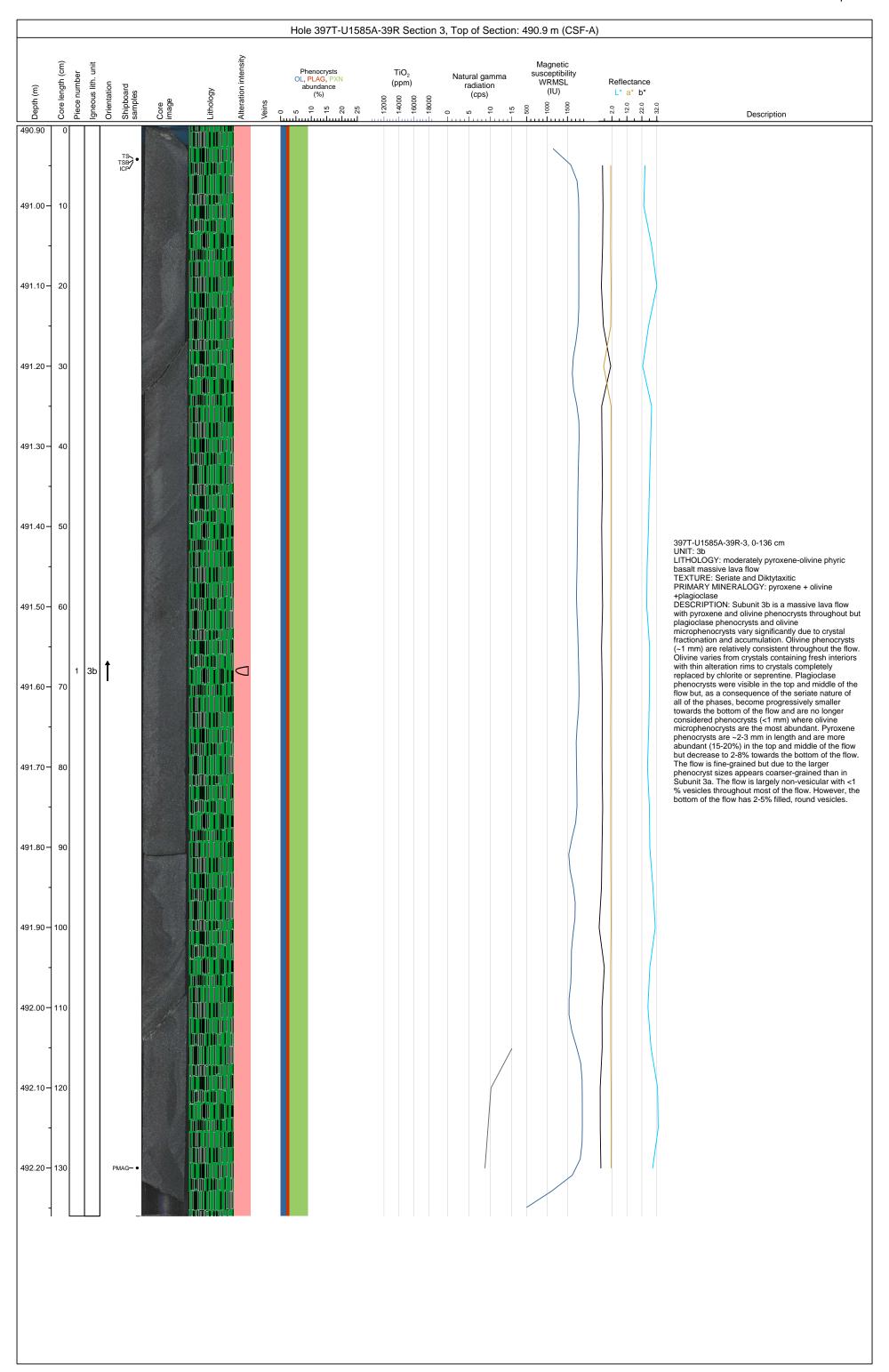


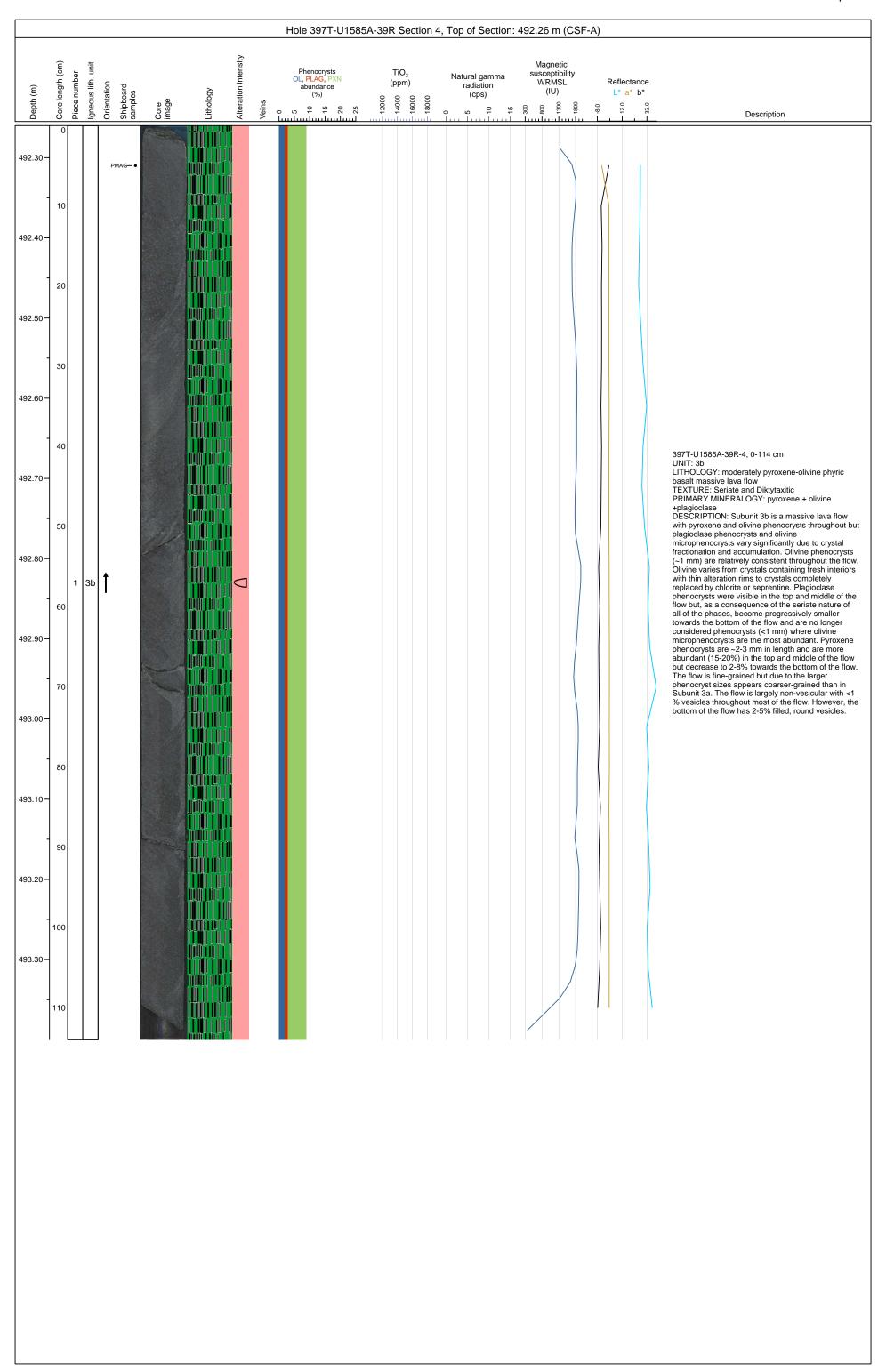


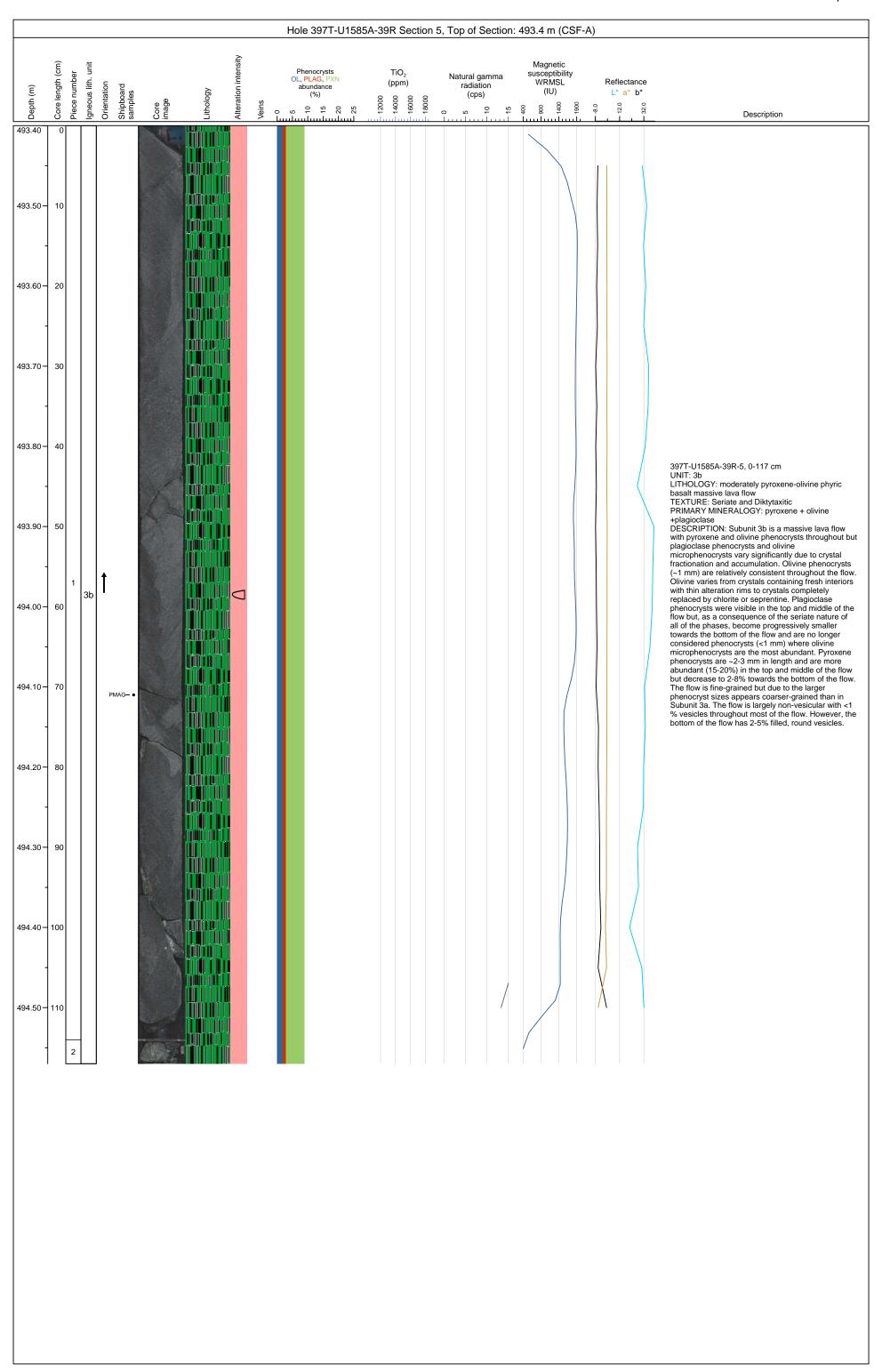
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