



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

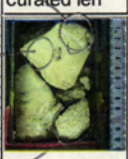
Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M100	A	1 R	1	0 m	0.13 m

Describer(s):

Griswold, Humblet, Braga

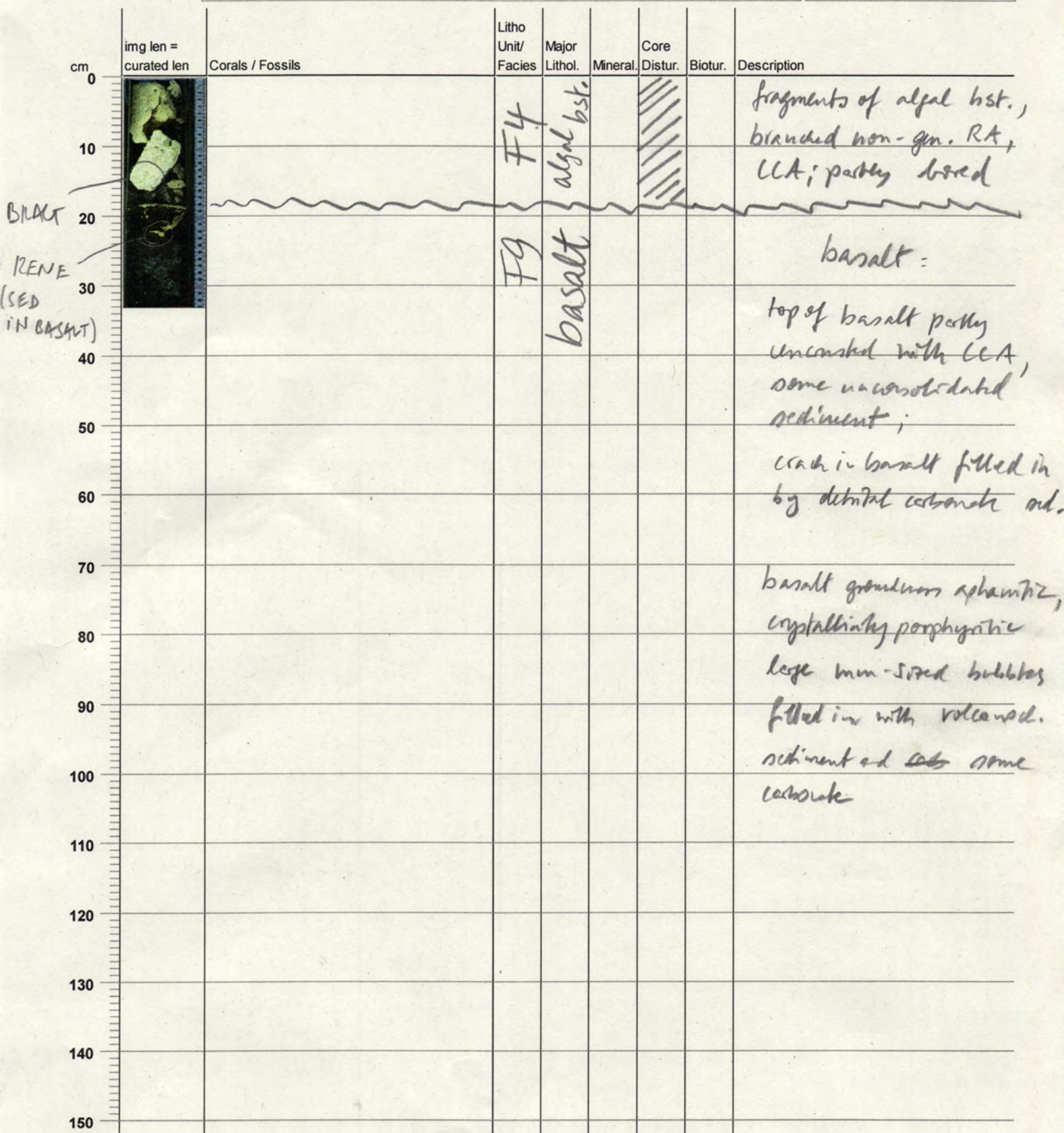
Date:

24 Feb. 2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Porites (col/BR) 1SN	F1	coralgal boundst.				fragmented coral (Porites) with (CA - crust
10								
20								fragments of grainstone
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



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ONSHORE VISUAL CORE DESCRIPTION						
Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M100	A	2 R	1	1.8 m	2.13 m
Describer(s): <i>Grunker, Mumbet, Braga</i>					Date: <i>24 Feb. 2024</i>	





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ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M100	A	3 R	1	2.48 m	3.37 m

Describer(s):

Gruber, Humblet, Braga

Date:

24 Feb. 2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								fragmented basalt
10		bubbles filled in with dioclastic sediment						phanitic groundmass
20								crystallinity porphyritic
30								several mm-sized bubbles,
40								at top filled in with bioclastic sediment
50			FG	basalt				
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



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Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M100	A	4 R	1	3.2 m	3.99 m

Describer(s):	Grischler, Humblet, Braga	Date:	24 Feb. 2024
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cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								fragmented basalt
10			Fg	basalt				aphanitic groundmass porphyritic
20		} sedimentary bubble-infill						mm-sized round bubbles
30			F5	bioclastic	consolidated			grainstone with various bioclasts and black volcanic grains, intraclasts,
40								two fine-grained, laminated layers of silt
50								basalt,
60			Fg	basalt				as above
70								
80		← bioclastic sed. infill						
90								
100								
110								
120								
130								
140								
150								

bioclastic
consol.
RENE



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ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M100	A	5 R	1	3.98 m	4.68 m

Describer(s):	Güschler, Humblet, Braga	Date:	24 Feb. 2024
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cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Porites ism grainstone	F0	full-in		///		fragment of coral, grainstone
10								
20								basalt with aphanitic groundmass porphyritic
30								
40			F9	basalt				round, mm-sized bubbles
50		Volcanic breccia olivine alteration to iddingsite possibly magneto- phreatic amygdaloidal texture with silica infill						volcanic breccia
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



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ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M100	A	5 R	2	4.68 m	6.19 m

Describer(s):

Gisantes, Humblet, Braga

Date: 24 Feb. 2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10								
20								
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



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ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M100	A	6 R	1	6.06 m	7.55 m
Describer(s):						Date:

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								fragments of basalt and algal bonestone
10			FO	fall-in				
20		algal bst.						
30		brecciated						
40								basalt groundmass aphanitic porphyritic
50								many round air feel coalesced bubbles
60								
70								brecciated sections
80			FG	basalt				volcanic ash?
90		volcanic ash?						
100								
110								
120		brecciation?						
130								
140								
150								



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ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M100	A	7 R	1	7.3 m	8.19 m

Describer(s):

Grischenko, Humblet, Braga

Date: 24 Feb. 2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10								
20								basalt with
30								aphanitic groundmass
40								porphyritic
50								mm-sized bubbles, round
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



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ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M100	A	8 R	1	8.09 m	8.56 m

Describer(s): *Gischler, Humblet, Braga*

Date: *24 Feb. 2014*

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								BAECCATED BASALT
10								REDDISH STAINING PERVASIVE
20								Groundmass: aphanitic
30								Crystallinity: Porphyritic
40								mm-sized bubbles, round
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



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ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M100	A	9 R	1	9.97 m	10.29 m

Describer(s): *Grischler, Humblet, Braga*Date: *24 Feb. 2024*

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral.	Core Distur.	Biotur.	Description
0								
10								
20								
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



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ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M100	A	11 R	1	11.8 m	12.1 m

Describer(s):

Gischler, Humblet, Braga

Date:

24 Feb. 2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0			Fg	basalt				basalt aphanitic groundmass porphyritic few, small bubbles (< 1 mm)
10								
20								
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



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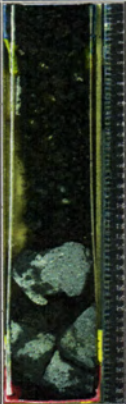
Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M100	A	12 R	1	12.21 m	12.6 m

Describer(s):

Grischer, Humblet, Braga

Date:

24 Feb. 2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10								
20								
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								