



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M99	F	1 R	1	0 m	0.4 m

Describer(s): YH, DP, PK

Date: 20/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		— Rhodolith (CCA) — Lamell heads — Possibly altered and bored CCA. Possibly encrusted coral?						
10								
20		— FCA + CCA Rhodoliths						
30								
40		FCA encrusted by CCA crust						
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

BRAG

BRAG

Dominated by dead Bcr,
altered and bored.FCA
Bcr
Algal



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M99	F	2 R	1	1.85 m	1.97 m

Describer(s): YH-BP-PK	Date: 20/02/2024
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cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral.	Core Distur.	Biotur.	Description
0		Heavily Bored and altered Pile, possibly algal crust Some Monohemia. Lamellibranch?	H	3				Some Bivalves in borings
10								
20								
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M99	F	3 R	1	2.49 m	2.71 m

Describer(s):

Date:

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		CCA + <i>Hemohiana</i>						Algal and fragments.
BRAG								
BRAG		Based CCA + FCA	II					
10								
DAT		Porter piece encrusted by thin CCA (4mm). (XS)	II					cored gal B.V
20								
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M99	F	4 R	1	5.25 m	5.7 m
Describer(s): YH-DP-PK						Date: 20/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral.	Core Distur.	Biotur.	Description
0		→ Pools Ba (xs) - Band						core fragments with thin cca
10		→ Pools Ba (xs) Band → FCA rhodoliths	H	31 32 33				Blockhead, Band: irregular Surface.
20		Heavily Band and altered, greyish algal crust.						
30			L					Altered algal crust.
40		Rhodoliths (FCA and CCA) (fall in?)						
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M99	F	5 R	1	6.86 m	7.08 m

Describer(s): YH-DP-PK

Date: 20/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Fragments of Bored CCA + FCA						Possibly Foll in Material.
10		Altered Branching Porolithothamnium + pieces of Porolithothamnium (w)	LD	Full-in				
20		Hard Tube						Laminar / columnar Microolithothamnium (Re-cored fragment)
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



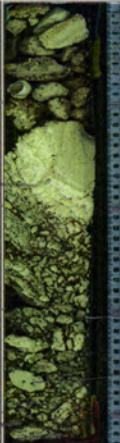
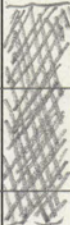
Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M99	F	6 R	1	7.15 m	7.58 m

Describer(s): YH-DP-PK

Date: 21/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Fragments of Porites Branch of CCA, gastropods, Rhodoliths	P	5-10 Fol				
10								
20		Hamatrua						thin massive Rhodolith above thick CCA crust
30		CCA, fragmented Pocillopora Branch Porites Branch	A					
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

BRAG

Port
(SOD)



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M99	F	7 R	1	7.41 m	8.86 m

Describer(s): YH-DP-PK

Date: 20/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10		CCA fragments						
20								
30								
40		Howakana						Laminar CCA forming algal BSV.
50		Sand CCA						
60								
70								
80		base in crustal by thin tricalite. Based with geophyl inf.	F4	Algal BSV				
90		Howakana - Boring						Laminar - columnar tricalite
100								
110								
120								Dendritic tricalite filling cavity between CCA.
130		Howakana						
140								
150								



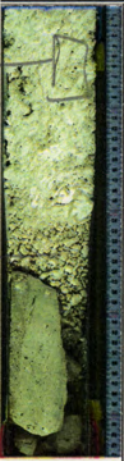
Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M99	F	7 R	2	8.86 m	9.3 m

Describer(s): YH-DP-PK

Date: 20/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
BRAG								
10		thick CCA crust (from Homoherma). Berings	F4	Algal Bst				Algal Bst
20				Algal Bst				
POTT (Seal)								
30			F3.5					Massive (faint lamination) Microbialite. Possible Berings.
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M99	F	8 R	1	9.98 m	10.87 m

Describer(s): YH-PK-DP

Date: 20/02/2024

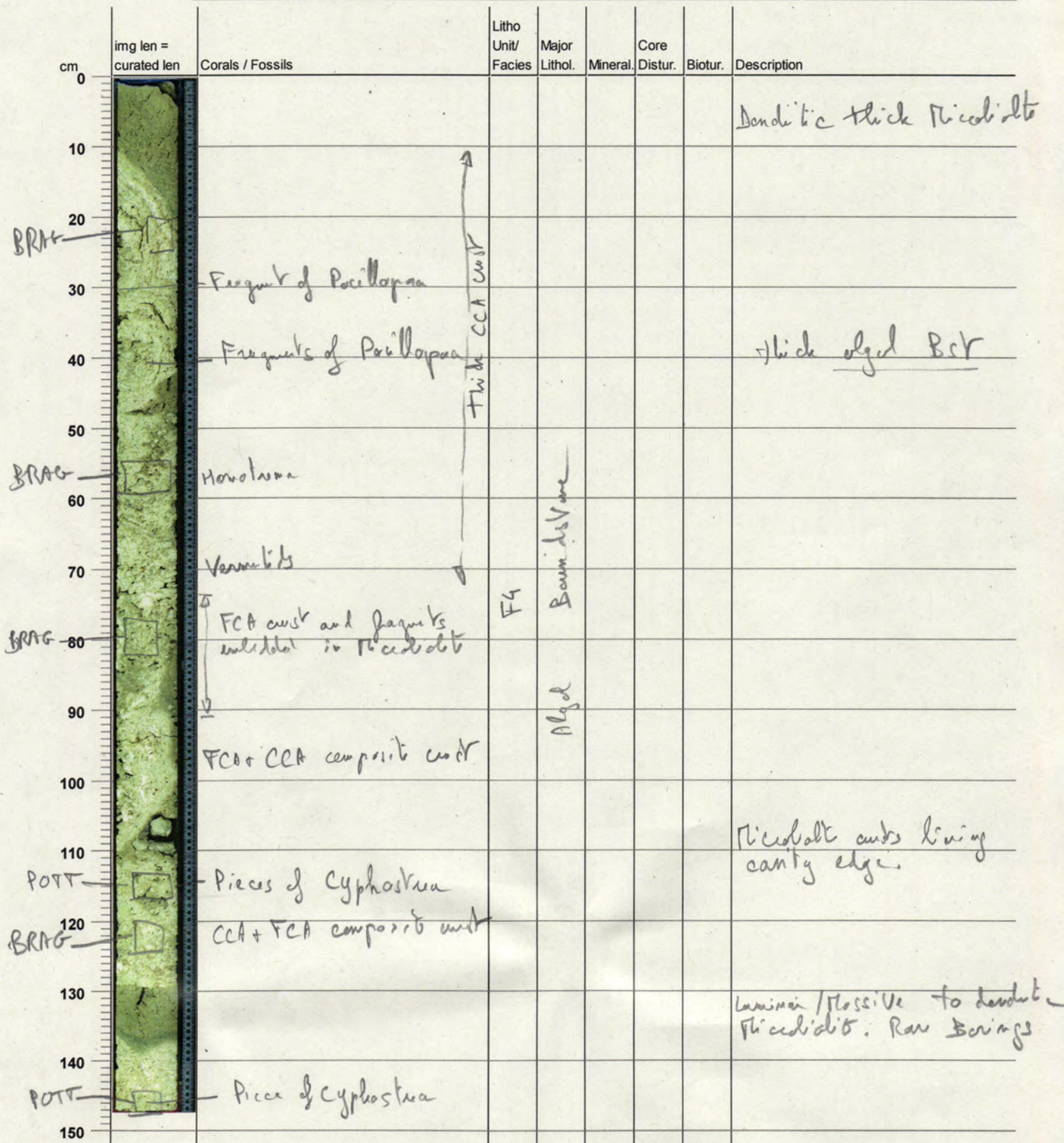
cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10								Lower column micritic
20	BRAC	CCA + FCA fragments						
30		CCA + Hemitoma		BSR				
40			F3.5	Algal				
50				Micritic				Massive micritic, structures (Bored)
60								
70		thick CCA, bored. Rare Vermetids and Hemitoma						
80	BRAC							
90		CCA fragments + micritic crust						
100								
110								
120								
130								
140								
150								



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M99	F	9 R	1	10.84 m	12.31 m
Describer(s): YH-DP-PK						Date: 02/02/2024





Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M99	F	9 R	2	12.31 m	12.97 m

Describer(s): YH-DP-PK

Date: 20/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		CCA + FCA composite core						
10								Columnar + Laminar Microblasts (Bored)
20		Echinoid spine	F4	Algal B.V.				
30		vermelids		Algal B.V.				
40		gastropod						
50		Porites Fragment (xs) thin CCA	F3.5	Microblasts - Algal B.V.				Columnar Dendritic Laminar Microblasts
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								