



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	1 R	1	0 m	0.57 m
Describer(s):						Date:

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								fragments of bioclastic grainstone (beachrock?) COARSE SAND-SIZE
10								
20		* PORITES 15X						
30		* AGATHICIDAE 15X						fragments of laminated, massive muscovite [10 YR 8/2]
40		* HIGHLY BIOERODED/ENTOMBIA						
50		* CCA CLASTS						fragments of CCA - crust with vermetids
60		PORITES 15X						
70		SEVERAL PIECES OF PORITES						
80		* "CRUST" ENRICHED IN FINER, MUDDY SEDIMENT						basalt clast (with round bubbles) (aphanitic)
90								** HAWAIIANA LBF? CORAL CLASTS CCA CLASTS POLYPOD SHELS
100								
110								
120								
130								
140								
150								

GLSC

DAT?

F 10

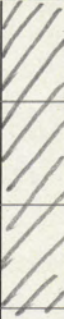
Volcano - clastic facies
mixed carbonate



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	2 R	1	0.7 m	1.01 m
Describer(s):						Date:

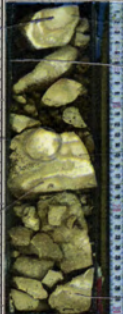
cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		CORAL 15X HIGHLY BIOERODED BY ENTOMBIA	F10	mixed carbonate-volcano- clastic facies				- fragments of massive, structureless microbialite
10		basalt clast						
20		porites 15X BIOERODED						- fragments of CCA
30								- fragments of basalt porphyritic, aphanitic
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	M97	D	3 R	1	1.05 m	1.36 m
Describer(s): <i>Grishko, Humblet, Braga</i>						Date: <i>15 Feb. 2024</i>

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Polites (col/br?) ISN*	F10	mixed carb.-vol. fossils?				fragments of coral (Polites), CCA-crust, and micrordinite
10		FRAG OF GRAINSTONE						
20		POLITES (COL/BR?) ISN*						
30		POLITES (COL/BR?) ISN*						
40		* SOME CLASTS ARE COATED BY MIXE CARB-VOLCANOCLASTIC GRAINSTONE → REWORKED						
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	M97	D	4 R	1	1.68 m	1.99 m

Describer(s):

Grischler, Humblet, Braga

Date:

15 Feb. 2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Porites (SN (BORED)) FRAG OF CRINOSTONE*	F10	mixed calc- val foss				fragments of coral, CCA-crust, and structureless microbials
10								
20		CRUSHED FRAMEWORK						
30		* FALL IN FROM ABOVE	F2	coral- microb. bst.				
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

BRAG

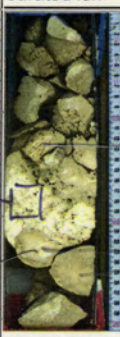


Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	5 R	1	1.96 m	2.27 m

Describer(s): *Griffiths, Humblet, Braga*Date: *15 Feb. 2024*

cm	img len = curated len	Corals / Fossils	Litho	Major	Mineral	Core	Biotur.	Description
			Unit/ Facies	Lithol.				
0				bst.				• coral
10		Pontes, bored / 15X	F2	coral-microbial				• CLA-crust
20		Pontes (col/br?) 15						• microbialite massive, structureless
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

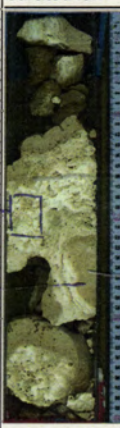
Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	6 R	1	2.69 m	3.09 m

Describer(s):

Gaisander, Humblet, Braga

Date:

15 Feb. 2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								coral
10								
20		Cyphastrea (EN) IS Highly Pore-Filled/ENTOMAK	F2					thick CCA-crust with vermetids and few Homotrema
30		PORUS (Col/BR?) IS						
40								massive, structureless microbialite
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



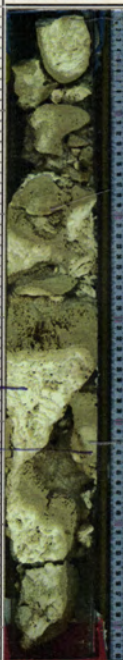
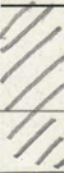
Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	7 R	1	3.23 m	3.86 m

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

Date: *15 Feb. 2024*

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		<i>Porites 15N</i>						<i>few corals</i>
10								
20		<i>Porites 15X?</i>						<i>thick CCA - crust with vermetids</i>
30								<i>massive microbialite crusts and</i>
40	<i>BRAG</i>							<i>dendritic microbialite crusts</i>
50	<i>DAT</i>	<i>Porites 15?</i>						
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

F2

lateral - microbialite



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

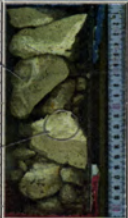
Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	8 R	1	3.71 m	3.92 m

Describer(s):

Güschler, Humblet, Braga

Date:

15 Feb. 2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
DAT		Porites (DM) IS? HOERODED	F2	Coralgal-microbial boundstone				fragments of coral, CCA crust and microbialite (massive, staghorn)
BRAG								
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	M97	D	9 R	1	3.86 m	4.5 m

Describer(s): *Grissler, Humblet, Braga*Date: *15 Feb, 2024*

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								• corals
10		CYPHASTREA						
20		PORITES (BR?) IS?						• CCA-crusts with remnants
30		CYPHASTREA? (EN) IS (POI-ERODED)						
30		POCILLPOKA IS?						• microbialite massive, structureless
40		unconsolidated sediment with bioclasts	F2	coralgal - microbialite - bst.				
50		PORITES (BR?) IS? *						
60		CYPHASTREA? (EN) IS?						
70		* HIGHLY BIOERODED						
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	M97	D	10 R	1	4.56 m	6.06 m

Describer(s): Gischler, Humblet, Braga

Date: 15 Feb. 2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10		Porites Branching + CCA + vermetids						columns Porites
20		+ Microbialite						
30		Porites Branching + CCA						CCA - crinoids with vermetids
40		Cyphastrea (uncertain)						
45		CCA (4-5 cm top)						
50		Porites Columnar + CCA (thick) (1-2 cm)						thick microbialite, massive, structureless, dendritic
60								
70		Porites						
80		Porites						
90								
100		dendritic microbialite						
105		Goniastrea spire + bryozoan + microbialite						
110		unconsol. sediment						
120		CCA						
130		Porites Columnar + Microbialite						
140		Porites Columnar } goopetals in coral						
150		Porites branching						



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	10 R	2	6.06 m	6.83 m
Describer(s): Mamou Potts Khanna						Date: 15-2-2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Porites + CCA Echinod spine + branching Red algae						Cordgal Microbialite Boundstone units
10		Porites (Columnar)						Columnar to submassive Porites, + Lophastrea (?)
20		Microbialite (Columnar)						units thin to thick
30		Porites - branches + CCA						(CCA + Microbialite)
40		Submassive Porites + CA	L-2	Cordgal-Microbialite Boundstone				
50		Some consolidated crinoid stems						
60		Columnar Porites						
70		CCA - thick (10 cm) Lophastrea (?) Microbialite cent						
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	M97	D	11 R	1	6.96 m	7.56 m
Describer(s): Hamon Potts Khanna						Date: 15-2-2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Broken Microhalite + local clasts Porites		Conglad Microhalite Boundstone				Conglad Microhalite Boundstone with mostly submarine Porites. +
10		Microhalite CCA crust Submassive Porites						CCA crusts + Microhalite. (Structurally to laminated)
20	DAT	Cavity with shell fragments.						
30		Submarine Porites	F-2	Conglad Microhalite Boundstone				
40	DAT	Submassive Porites						
50		Porites. Microhalite						
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	M97	D	12 R	1	7.62 m	7.77 m
Describer(s): Ramon Potts Khanna						Date: 15-2-2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Branching Porites with thin CA + microbialite crust	F-2	Corals & Microbialite Boulders				Corallgal Microbialite Boundstone
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	M97	D	13 R	1	7.99 m	8.31 m

Describer(s):	Date:
Hamon / Potts / Klanna	15-2-2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Columnar Porites + CCA Coral. Columnar Porites	F-2	Coralline Mucobalite Boundstone				Coralline Mucobalite Boundstone
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	M97	D	14 R	1	8.41 m	9.63 m

Describer(s): YH-DP-PK

Date: 15/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								Massive stromatolites moderately thick micritic
10		CCA crust						
20								Dendritic micritic crust
30		Porites branch (15x?)						
40		Porites (15x?) many Branches						
50		Porites (15x)						In cavity, dendritic micritic crusts (thin)
60		CCA, occasional Verrucosities and Hematoma						
70		Porites Branches (15x?)						
80		CCA + Verrucosities						
90		Porites - columnar dendritic micritic CCA Branches at the Base						Reddish staining in cavity In cavity; dendritic micritic crust (thin)
100								
110		coral encrusting: Cyphostoma ?? thick CCA, occasional Verrucosities, rare Hematoma						
120		Porites Robust Branch						coral micritic BL with thick CCA but thin micritic crusts
130								
140								
150								

DAT
BRAS

DAT

DAT



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	15 R	1	10.07 m	11.07 m

Describer(s): YH-DP-PK

Date: 15/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Porites Fragment						
10		Nearly bored coral						
DAT 20		Porites Branch (Bored)						High core Disturbance
30		CCA + Microbialite Fragment						Highly Fragmented
DAT 40		Porites (fragment)		Aggr				Carved at Microbialite Bgt
		Porites fragment						with dominantly Branching
50		CCA + Rem <i>Hemitrypa</i> + <i>Serripod</i>						corals (15x?), thin CCA
60		cluster of coral Branch (Porites) - branches	FZ	Microbialite				(cm-scale) and thin
70		Cyphastrea (indetermined)						dendritic Microbialite crust.
80		CCA + Dendritic		coral				
		thick Porites branch						
90								
DAT 100		Porites Branch (columnar?)						
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	M97	D	16 R	1	11.77 m	12.92 m
Describer(s): YH-DP-PK						Date: 15/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Porites Fragments CCA + Microbialite						Fragmented corals Microbialite BSR with coral Branch and thin CCA and Microbialite crusts.
10		Porites Branch, CCA + Homotrama						
20		Porites Branch + CCA (thin)						
30		+ Microbialite + Homotrama						
40		Porites Fine Branching (Heavily bored)						
50		Porites Robust Branching with thin CCA (Vermiforms)						Microbialite are thicker laminar - columnar to desertic.
60		Bioclastic sediments in cavity CCA crust + Microbialite (dendritic)						embedding coral Branches
70		Robust Porites Branch (Bored) and encrusted by (thin-scale) CCA						
80								Corals Microbialite dominated by robust Branching corals thin CCA and thick (thin-scale) Microbialite.
90								
100		thick CCA crust with Vermiforms						
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	M97	D	17 R	1	12.87 m	14.14 m
Describer(s): Hemon / Potts / Khanna						Date: 15-2-2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Microbialite						Microbial-algal Boundstone
10		CCA						
15		Cyphastrea (?)						+ few corals - branching Porites + Cyphastrea
20		CCA						
25		Branching Porites with CCA - Microbialite						
30		Branching Porites						Microbialite. (dendritic to laminar to structureless)
40		CCA (Thick (20cm))						
45		+ fragments of Cyphastrea						
50		+ echinoid spines + gastropod						
60		dendritic Microbialite						
70								
80		CCA crust + gastropod. + coral fragments						
90								
100		Cyphastrea						
110		CCA Microbialite						
120		Microbialite or CCA clasts.						
130								
140								
150								

Bth's
(core)

DAI

F-305
Microbial Algal Boundstone





Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	18 R	1	14.37 m	15.03 m
Describer(s): <i>Homon Potts Khanna</i>						Date: <i>15-2-2024</i>

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		<i>Microbialite (laminar to structural)</i>		<i>Boundstone</i>				<i>Microbial - algal</i>
10		<i>Rubble with bivalves, Microbial clast + CCA clast + coral clasts</i>		<i>Boundstone</i>				<i>Boundstone</i>
20		<i>CCA + nematodes</i>		<i>Algal</i>				<i>- Mostly microbialite with CCA</i>
30		<i>Microbial (sponges + dendritic)</i>	<i>5</i>	<i>Microbial</i>				
40		<i>CCA Microbialite</i>	<i>1</i>					
50		<i>Microbial</i>						
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	M97	D	19 R	1	15.44 m	16.45 m

Describer(s):

Hamon / Potts / Khanna

Date: 15-2-2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10		Clark - Microbialite + CCA						Microbial Alg + Boundstone.
20		Microbialite (Structural) columnar						FCA + CCA + Microbialite - mostly structural - columnar.
30	BRG	FCA + CCA + Homotrypa + Gort. reped						+ some bioherms + coral fragments
40		Microbialite with fragment of forams						
50		Microbialite - Structural - columnar						
60	BRG	CCA + gastropod						
70	DAT	fragments of Cypraea embedded in microbialite						
80		Homotrypa + Microbialite						
90		Gastropod						
100		Worm tube						
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	M97	D	20 R	1	16.57 m	17.07 m

Describer(s):	Hamon / Potts / Khanna	Date:	15-2-2024
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cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								Microbial - algal boundstone
10		CCA Microbialite	F-3.5	Microbial algalolith				
20		Microbialite clasts						
30		Porites clasts						
40	DAT	Microbialite Porites (clasts) Microbialite	F-2	Corals Microbialite				Corals - Microbial Boundstone with Porites + CCA + microbialite
50	DAT	Coastal dendritic Porites + CCA						
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	M97	D	21 R	1	17.33 m	18.83 m
Describer(s): YH-OP-PK						Date: 15/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		CCA						
10		thick CCA, with Vermetids.						thin dendritic Microbials crust.
20		Porites (columnar) heavily Bored						
30								
40		Porites Branching						
50				Bgt				Corallgal - Microbials Est with
60		CCA + CCA, Vermetids						Dominantly fine Branching corals,
70		gastropods and crab claws, Vermetid spines in cavity.	H2	Microbials				Bored, encrusted by CCA and can be seen thick dendritic Microbials
80		Porites Branch encrusted by CCA and dendritic Microbials						
90				Corallgal				
100		CCA + Haploporina + Vermetids (Bored)						
110		cluster of Porites Branches Bored and encrusted by CCA						
120		gastropod						Canthids are partially gbl. by natural white sediment rich in Bivalves (Pecten, Bivalve, gastropods ...)
130		cluster of Porites Branches Bored and encrusted by CCA						
140								
150								



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	21 R	2	18.83 m	19.34 m
Describer(s): Hamon Potts Khanna						Date: 15-2-2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Branching Porites						Microbalete - Algal Boundstone.
10		CCA + Homotrypa + worm tube						
20		Dendritic Microbalete						with a few coral clasts
30		CCA Comp Encrusting coral (lythostrea)						
40		CCA Microbalete (dendritic) Coral (Undetermined)						
50		CCA						
60		CCA						
70								
80								
90								
100								
110								
120								
130								
140								
150								

BRAG

Li-3-5

Microbial Algal Boundstone



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	22 R	1	19.31 m	20.06 m
Describer(s): <i>Hamon / Potts / Kenna</i>						Date: <i>15-2-2024</i>

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								

BRAG

img len =
curated len

Corals / Fossils

Litho
Unit/
Facies

Major
Lithol.

Mineral

Core
Distur.

Biotur.

Description

Mostly microbialite
clasts with
some CCA

Algal Boundstone

Microbial-algal
Boundstone
with some
coral clasts

Microbialite
CCA

Cavity - with molluscs
(bivalves)

Dendritic Microbialite

CCA

Branching Porites

CCA with
microbialite
Porites

5
2.5
F



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	23 R	1	20.25 m	20.53 m
Describer(s): <i>Hamon / Poth / Kanna</i>						Date: <i>15-2-2024</i>

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		<i>Porites (heavily bored) Microbialite + Graptol</i>						<i>Microbial - algal Boundstone -</i>
10		<i>Fragment of Porites (within microbialite)</i>	<i>3.5</i>	<i>Microbial - Algal Boundstone</i>				<i>Predominant is microbialite +</i>
20		<i>Microbialite (laminated to structure)</i>	<i>1</i>					<i>CCA + FCA</i>
25		<i>FCA + Humatrem</i>						
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

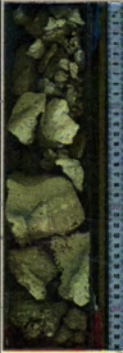
CCA



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	24 R	1	20.6 m	20.94 m
Describer(s): Heman / Potts / Khanna						Date: 15-2-2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Microbialite + CCA clasts						Microbialite - Algt
10								Barndubane
20		Microbialite (columnar Altered Pore)	5 m					
30		dendritic Microbialite + CCA broken Microbialite clasts	1 m					
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

BRAG



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	25 R	1	21.04 m	21.34 m
Describer(s): Hamon / Poth / KLanna						Date: 15-2-2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		CCA						Microbial-Algal
10		Encrusting Cyphastrea						Boundstone
20		CCA + Homotrema						with one coral -
30		dendritic Microtrilete						encrusting Cyphastrea
40		CCA						
50		Microbialite +						
60		CCA clasts						
70								
80								
90								
100								
110								
120								
130								
140								
150								

BRAG



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

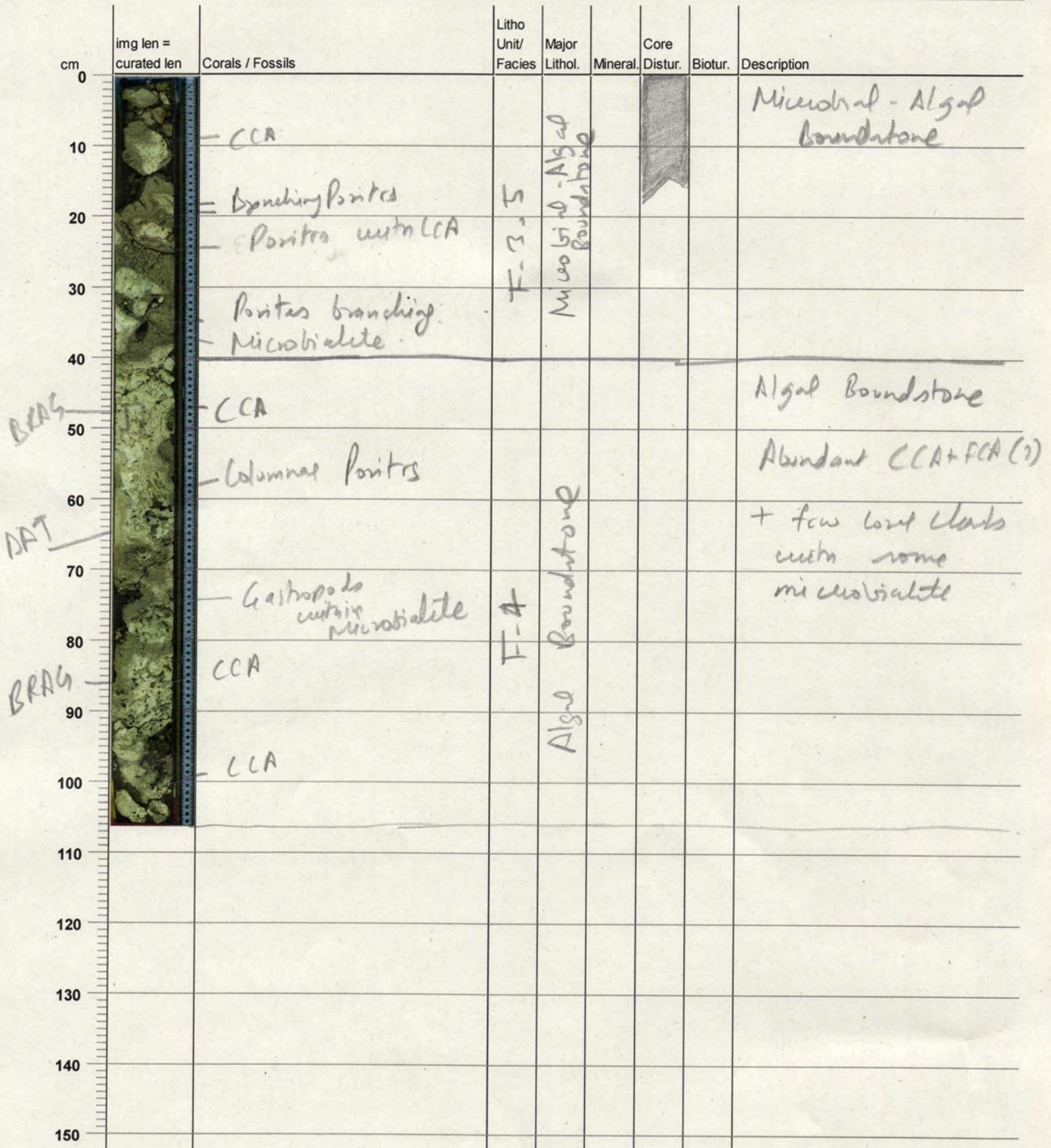
Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	26 R	1	21.86 m	22.92 m

Describer(s):

Homon | Potts | Klanna

Date:

15-2-2024





Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	D	27 R	1	23 m	23.31 m
Describer(s): <i>Hamon / Potts / K Lanna</i>						Date: <i>15-2-2024</i>

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		CCA with some		Algal Bandstone				Algal Bandstone
10		CCA with some micobialite	Li					with some micobialite
20		CCA						
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	M97	D	28 R	1	23.37 m	23.7 m

Describer(s): *Homon / Potts / Khanna* Date: *15-2-2024*

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		CCA + gastropod shells						Algal Roundstone
10		CCA + some microbialite						
20		CCA clasts + echinoid spine						
30		+ some soft sediment						
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

BRAG