



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	1 R	1	0 m	0.49 m

Describer(s): YH-DP - PK

Date: 03/02/2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral.	Core Distur.	Biotur.	Description
0								
10		Reworked piece submassive pav. Heavy Basalt						Heteromelic, poorly sorted granules to pebbles in a coarse to coarse mixed sandy matrix
20		LBF gastropods, coral det's.						- coral clasts, heavily bored and altered
30		CCA crust submassive pav. possibly in situ.						- Basalt (Vesicular) poorly consolidated matrix
40		Rho del th with all kind corals encased by CCA						Pieces of coral or Rho del th Bsr
50		Pav. cs						
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	C	2 R	1	1.36 m	1.77 m

Describer(s): YH- DP- PK

Date: 03/02/2024

image length = curated length		Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral.	Core Distur.	Biotur.	Description
cm	0							Fall in Material
	10		F0	Fall in				
	20	pieces of Porites						
	30	porites encrusted by thin CCA and Riccio?	F2	core of Riccio Bst				Brecciated (core disturbance) core of Riccioli Bst with pieces of coral, CCA and Riccioli.
	40							
	50							
	60							
	70							
	80							
	90							
	100							
	110							
	120							
	130							
	140							
	150							



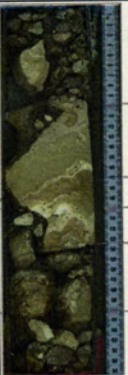
Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	3 R	1	1.73 m	2.09 m

Describer(s): YH-DP-PK

Date: 09/02/2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral.	Core Distur.	Biotur.	Description
0			F0	F0				
10				F0				Fine grained Wsh. Pst
20		Common Porites		F0				Micralite
20		Common Porites		F0				coral + CCA + Micralite
30				F0				Pieces of coralline Micralite
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



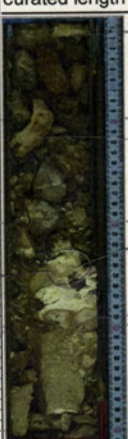
Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	4 R	1	2 m	2.41 m

Describer(s):

Date:

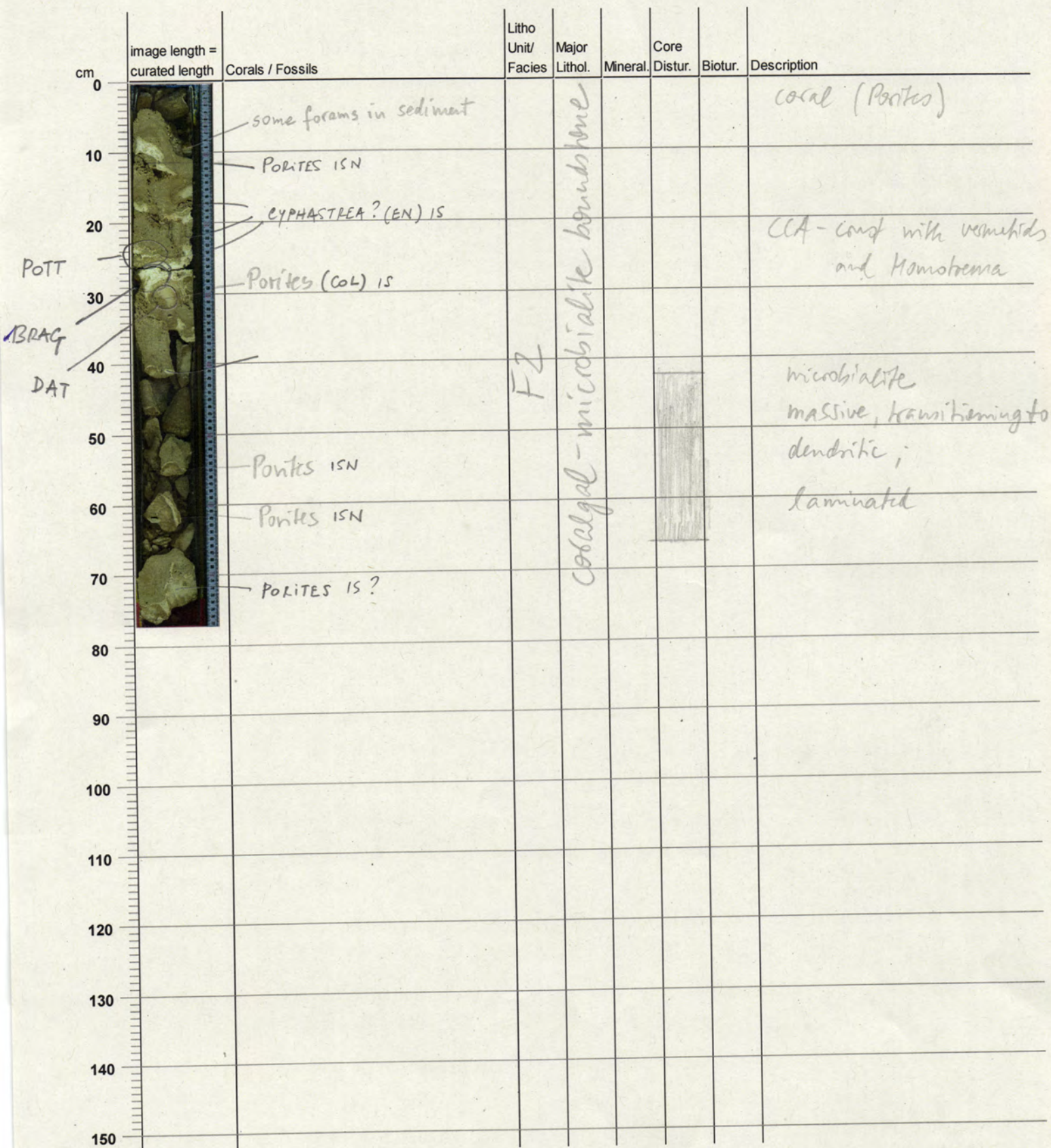
cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Porites ISN						corals = Porites
10		Porites ISN	FO	Full-in				
20		CYPHASTREA ? IS ?						CLA: with vermetids and Homotrema
30	POTT	Porites (BR?) ISN	F2	Cyphastrea B&R				microbialite massive,
40	BRAG							dendritic laminated
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	C	5 R	1	2.25 m	3.02 m

Describer(s): *G. Sunko, Humblet, Braga*Date: *10 Feb. 2024*

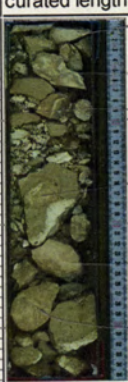


Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	6 R	1	3.3 m	3.65 m

Describer(s): *Grischler, Munrolet, Braga*Date: *10. Feb. 2024*

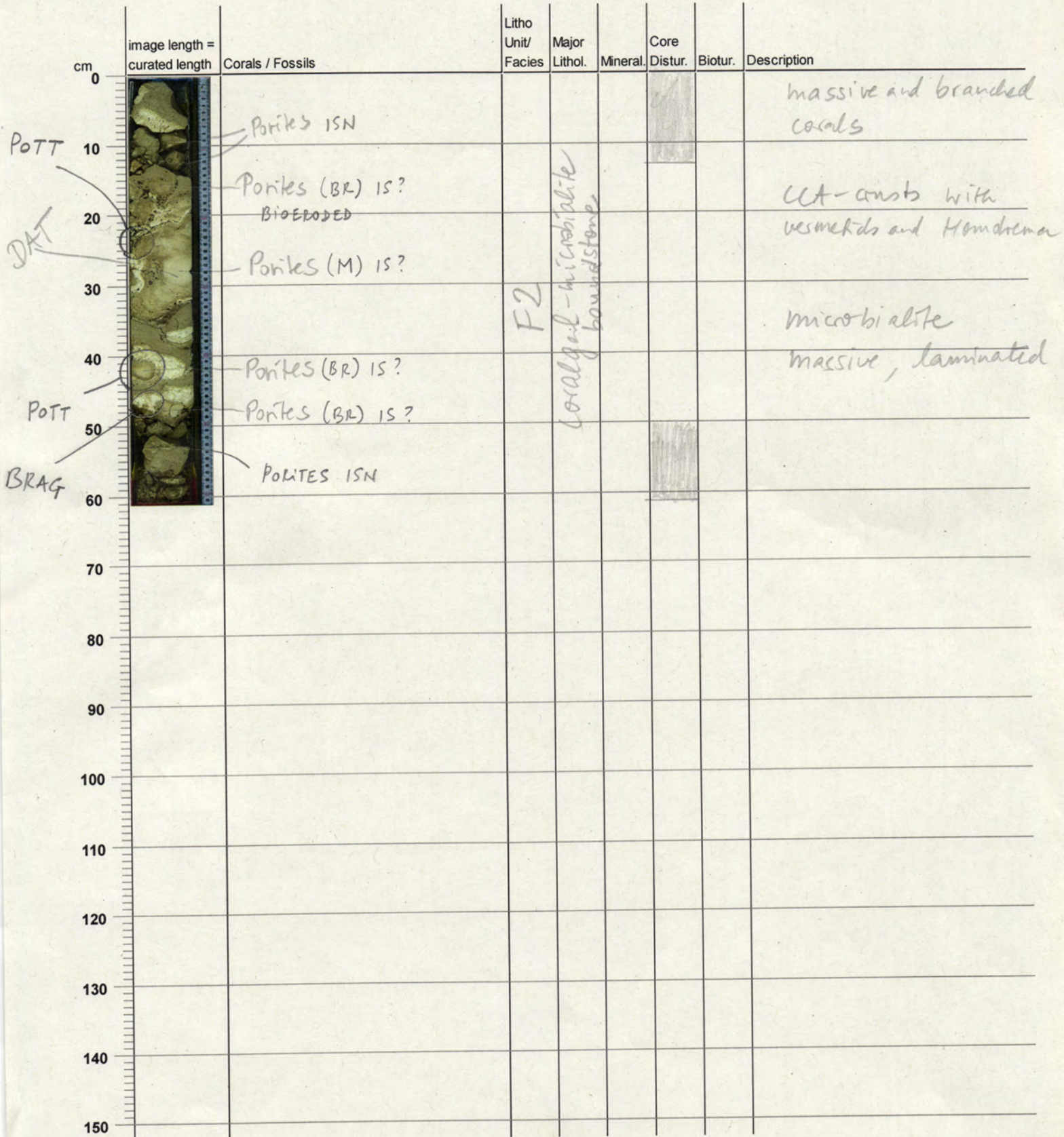
cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral.	Core Distur.	Biotur.	Description
0		<i>PORITES ISN</i>						<i>Porites coral fragments</i>
		<i>Porites ISN</i>						
10		<i>PORITES ISN</i>						
		<i>PORITES (BM) IS?</i>						<i>CCA-crust (some)</i>
20		<i>Porites ISN</i>						<i>massive, laminated</i>
30		<i>PORITES ISN</i>						<i>microbialite</i>
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	C	7 R	1	3.81 m	4.42 m

Describer(s): *Giselle, Humblet, Braga*Date: *10 Feb. 2024*



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	8 R	1	4.31 m	4.51 m

Describer(s): *Griscenko, Humblet, Braga*Date: *10 Feb. 2024*

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		<i>several fragments of Porites ISN</i>						<i>Porites corals</i>
10								<i>CCA-crust</i>
20		<i>Porites (col) IS?</i>						<i>microbialite massive, laminated</i>
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

DAT



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	9 R	1	4.71 m	5.02 m

Describer(s):

Date:

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Pontes fragments 15N						Pontes corals
10		Pontes fragments 15N	F2	Coralgal-microb. bst.				Small fragments of CCA crust
20		Pontes 15N						microbialite massive, laminated
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



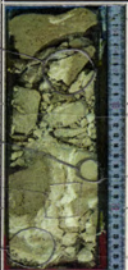
Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	10 R	1	5.09 m	5.35 m

Describer(s):

Date:

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Porites Bioeroded ISN			bst.			corals and coral fragments
10		Porites (col?) ISN						CCC - crust with vesicellids and Homotrema
20		Porites (col) IS						
30		Cyphastrea (EN) IS						microbialite massively laminated
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

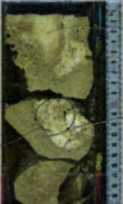
Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	11 R	1	5.36 m	5.56 m

Describer(s):

Gruber, Humbert, Braga

Date:

10 Feb. 2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Porites ISN BIOERODED (LOL?)						Porites corals
10		MENIDAE? (EN) IS	H2	coralgl - microb. bst.				CCA - corals
20		Porites ISN HIGHLY BIOERODED						microbialite massive, laminated
30		HOMOTREMA AND VERMETID IN CCA						
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

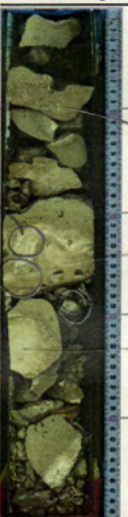
Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	12 R	1	5.97 m	6.47 m

Describer(s):

Günther, Humblet, Braga

Date:

11 Feb. 2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Pontes coral fragments		bst.				Pontes corals
10		ENTOBIA Bioerosion						CCA - crust with
20	✓ BRAGT	Pontes (EN) IS BIOERODED	F2	microbialite				Homotrema & vermetids
30	DAT	Pontes ISN						microbialite massive,
40	✓ POTT (SMALL PIECE OF CORAL)	BIOERODED SURFACE/ENTOBIA		coralgal-microbialite				faintly laminated
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	C	13 R	1	6.47 m	6.67 m

Describer(s): *Grisecki, Humblet, Braga*Date: *10 Feb. 2024*

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								<i>Pontes coral</i>
10		<i>CORAL ISN</i>	<i>#2</i>	<i>Coralgal-microb.</i>				<i>CCA-crust</i>
20		<i>Pontes ISN</i>		<i>boundstone</i>				<i>(some Homophora)</i>
30								<i>microbialite</i>
40								<i>massive,</i>
50								<i>structureless</i>
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



Hawaiian Drowned Reefs

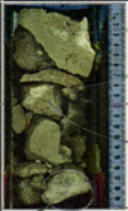
ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	14 R	1	6.67 m	6.87 m

Describer(s):

Grisham, Humblet, Braga

Date: 10 Feb. 2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		bored Porites (BM) ISN HIGHLY BIOERODED/ENTOMBIA						fragment of coral
10								fragments of CCA-crust
20		PORITES ISN HIGHLY BIOERODED/ENTOMBIA						fragments of micotobialite (massive, structureless)
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

BRAG

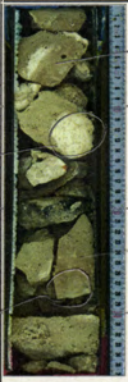


Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	15 R	1	6.94 m	7.3 m

Describer(s): *Giischer, Humblet, Braga*Date: *10 Feb. 2024*

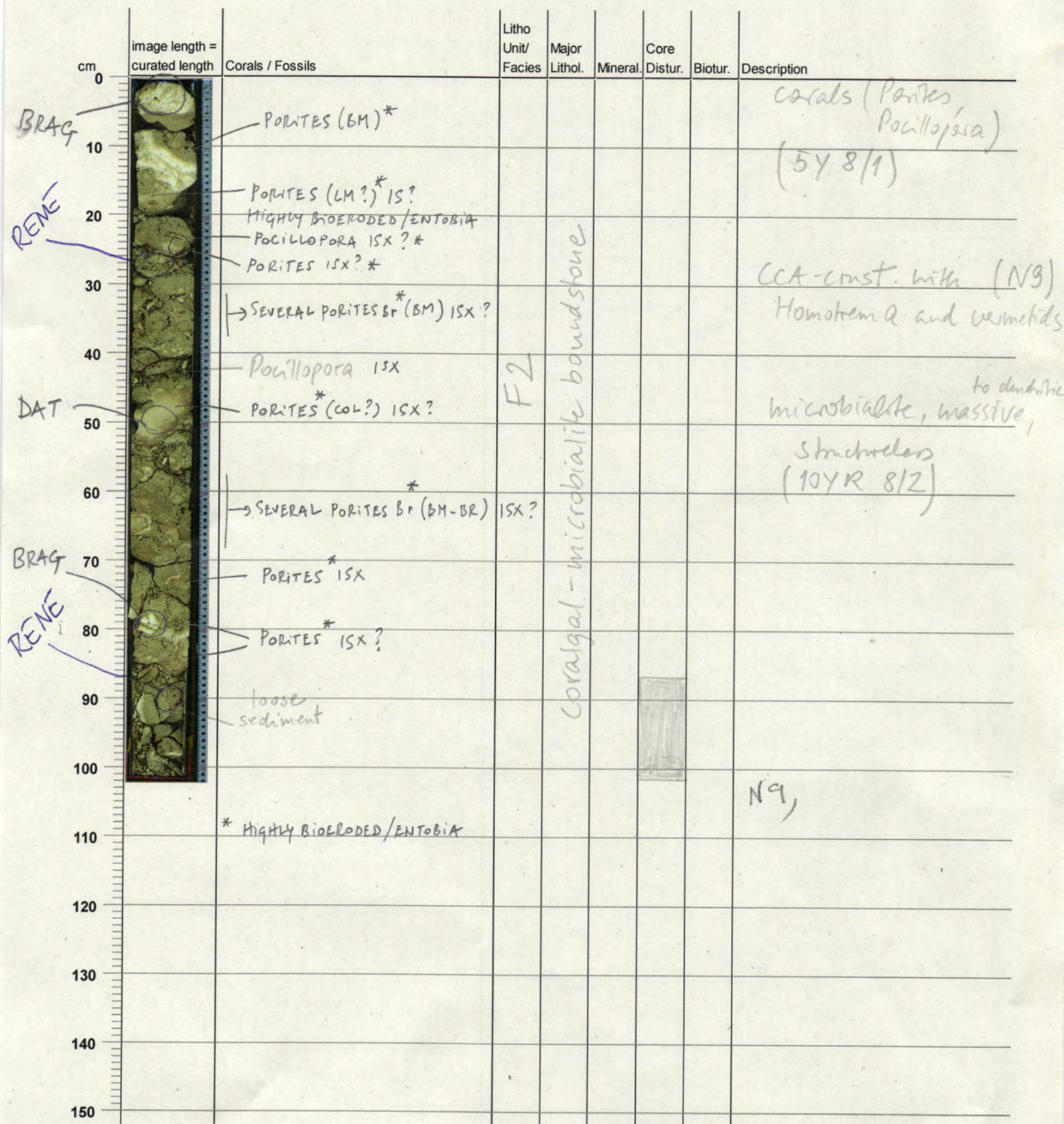
cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Porites ISN Bioeroded	F2	Coralgal - microbial boundstone				fragments of
10								coral
20		Porites ISN Bioeroded						CCA - crust and
30								microbialite
40								(massive, stichocodons)
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	C	16 R	1	7.5 m	8.52 m

Describer(s): *Gisler, Humblet, Braga*Date: *10 Feb. 2024*



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

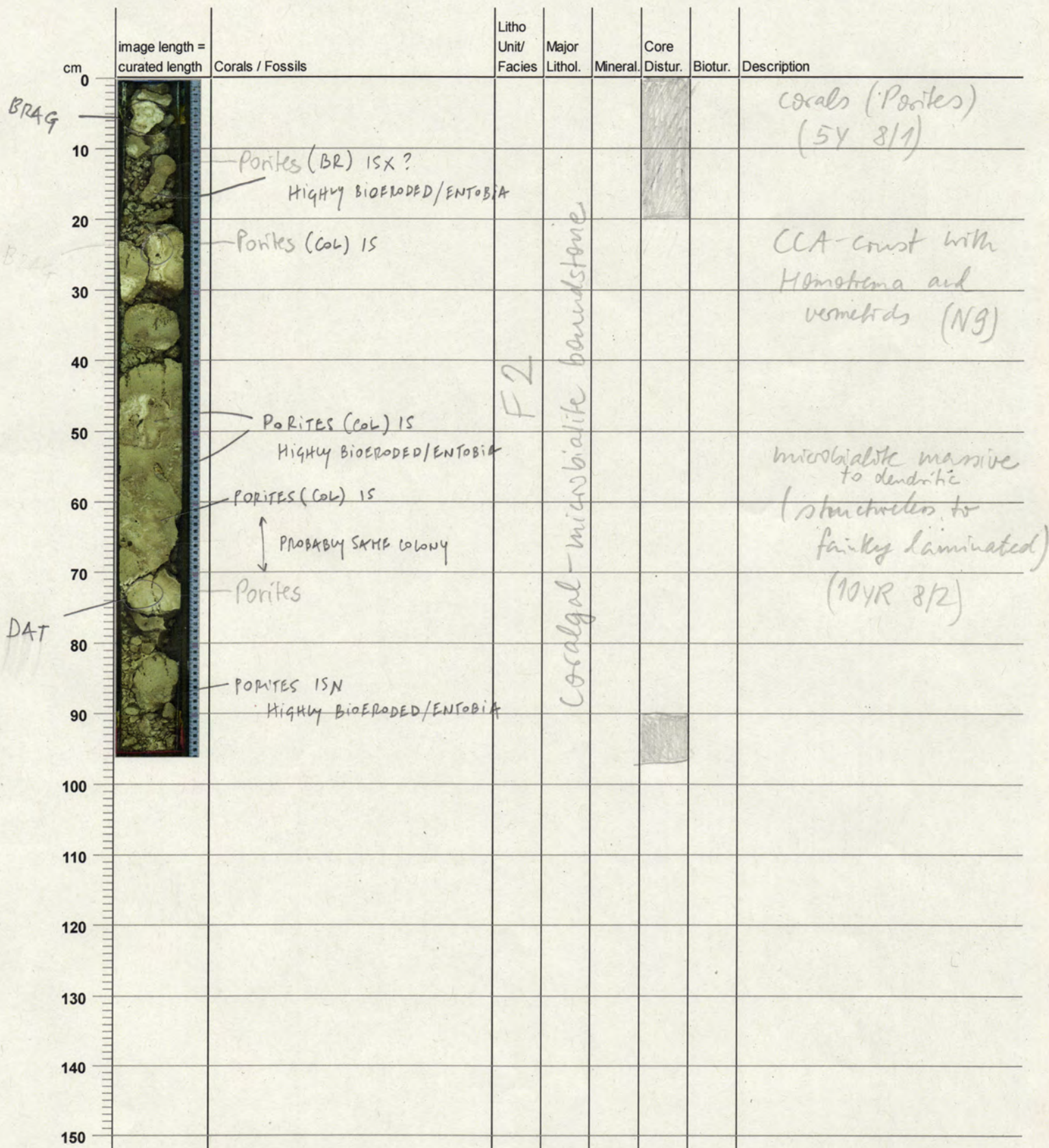
Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	17 R	1	8.6 m	9.56 m

Describer(s):

Gischler, Humblet, Braga

Date:

10 Feb. 2024



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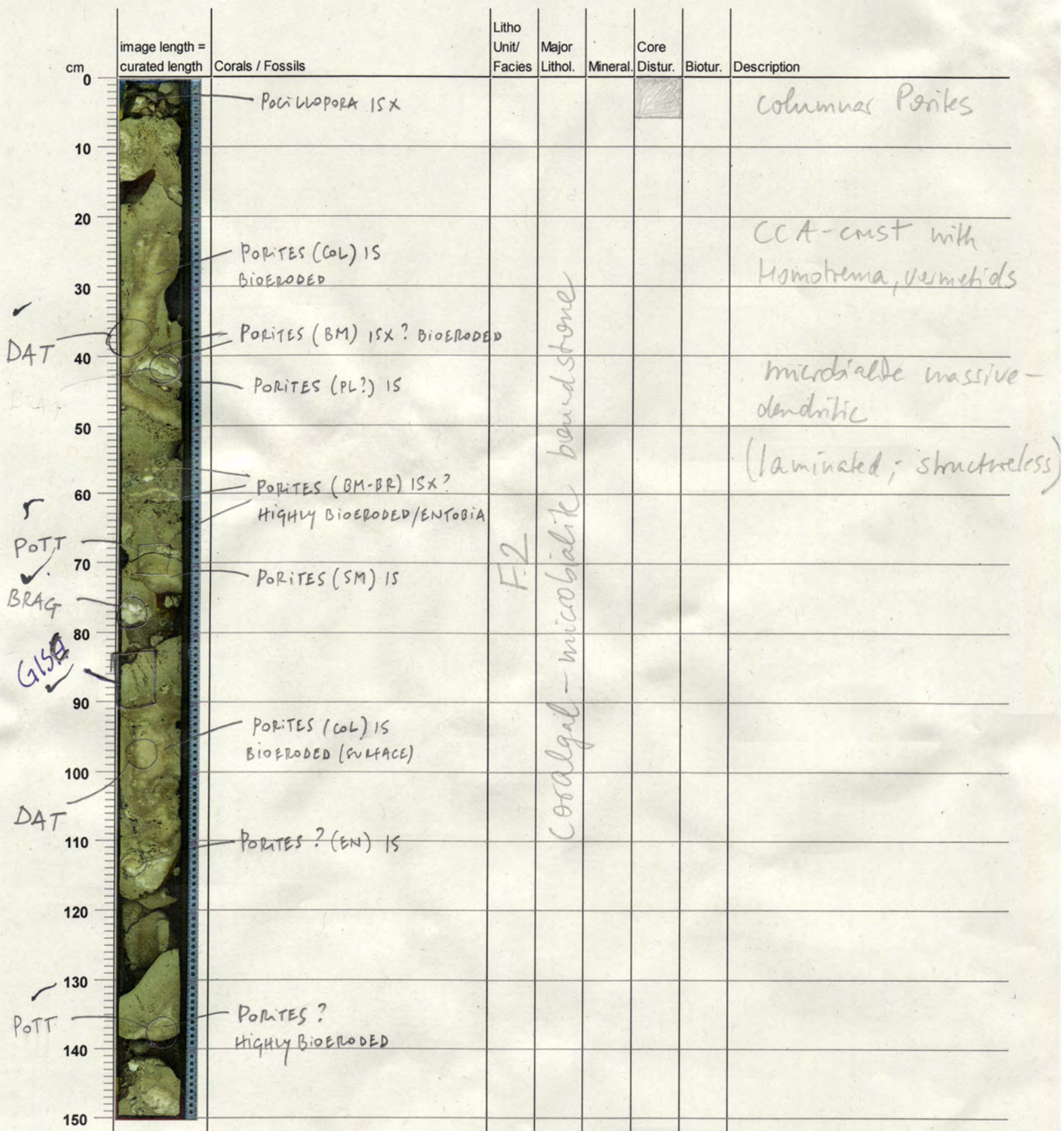
Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	18 R	1	9.35 m	10.85 m

Describer(s): Grischler, Humblet, Braga

Date: 10 Feb. 2024

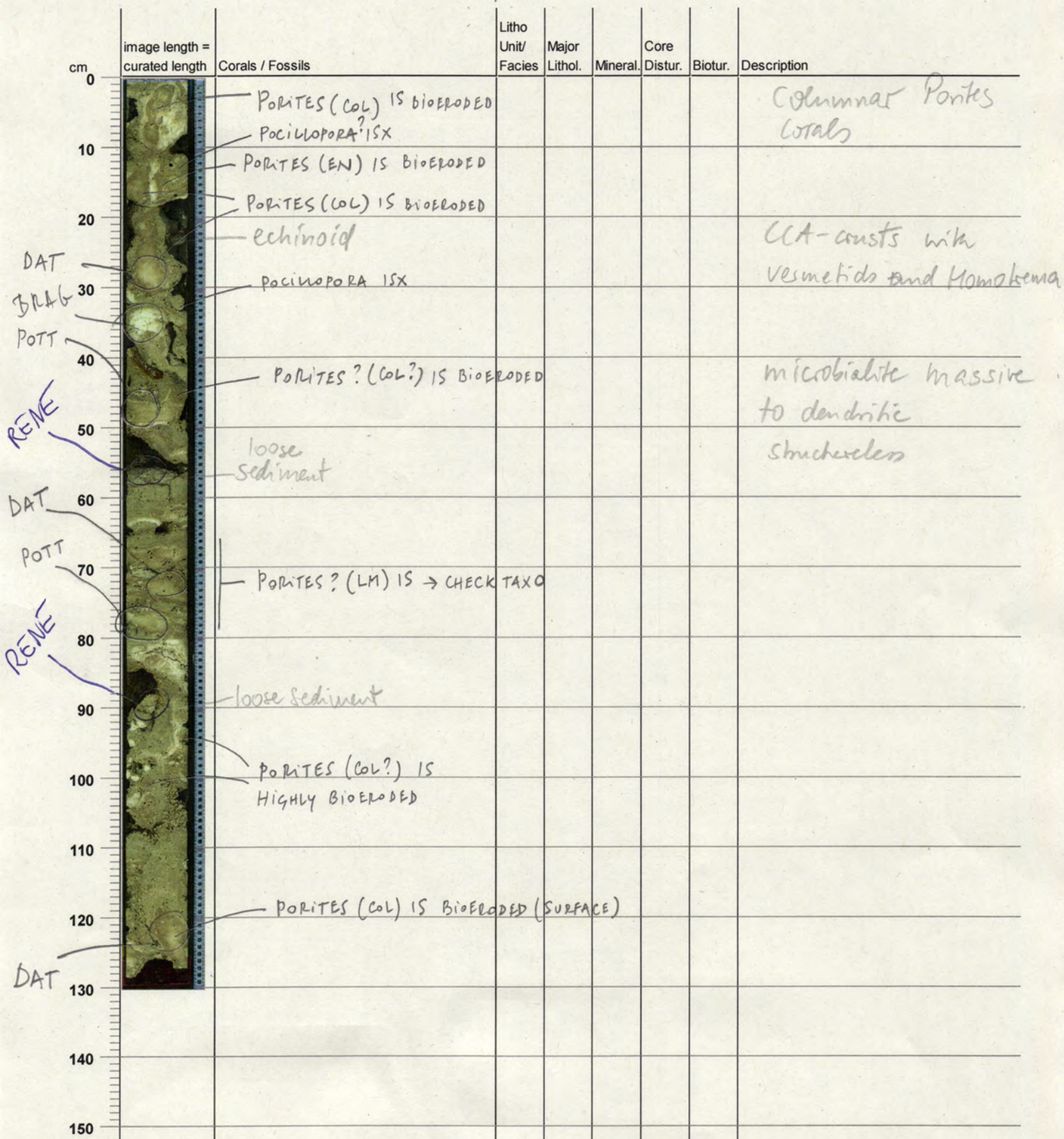




Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	18 R	2	10.85 m	12.15 m

Describer(s): *Gisulker, Humblet, Braga*Date: *10 Feb. 2024*



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	19 R	1	12.1 m	13.61 m

Describer(s): *Gisler, Humblet, Braga*Date: *10 Feb. 2024*

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Porites (BR?) ISX? HIGHLY BIOERODED						Porites corals
10		Porites						
20		loose sediment						CCA - crust with Vermetids, Monakema
30		FEW PORITES BR (BM) ISX?						
40		Porites (BR?) IS? BIOERODED (SLIGHTLY)						
50		Porites (LM?) IS BIOERODED						massive - dendritic microbialite (laminated)
60		loose sediment						with some internal sediment
70		Porites (SM) IS	F2					
80								
90								
100								
110		Porites (COL/M) IS BIOERODED (SURFACE)						
120		CYPHASTREA? IS (Col?)						
130								
140		Porites (COL?) IS						
150								



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	20 R	1	13.66 m	15.17 m

Describer(s):

Gisdler, Humblet, Braga

Date: 10 Feb 2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								Porites corals
10		Porites (EN?) IS BIOERODED/ENTOBIA (ENCrustING CCA?)						
20		PORITES (LM) IS HIGHLY BIOERODED/ENTOBIA						CCA - corals with Homotrema and vermetids
30		loose sediment						
40		Porites (COL) IS						
50		Porites ISX?						microbialite massive to dendritic (laminated);
60			F2					
70		Porites (BR/COL?) IS?						some internal sediment
80		Pocillopora						
90		PORITES (BM-BR) IS? HIGHLY BIOERODED						
100		MERULINIDAE (EN) IS						
110		Porites (COL) IS						
120		Pocillopora? IS?						
130		MERULINIDAE? IS? HIGHLY BIOERODED						
140		Porites (BR/COL?) IS BIOERODED/ENTOBIA						
150		Porites (BR) IS? Porites BIOERODED						



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	20 R	2	15.17 m	15.82 m

Describer(s): *GiSuk, Humblet, Braga*Date: *10 Feb. 2024*

cm	image length = saturated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		PAVONA? [P. MALDIVENSIS?] IS (EN/COL) BIOERODED						Coral (Pocillopora)
10								
20								thick CCA-crust with Homotrema, vermetids
30								
40			F2	coralgal-microbialite				
50		gastropod PORITES (BM/COL?) IS						microbialite massive to dendritic (laminated)
60		CORAL ISX? HIGHLY BIOERODED						some internal sediment
70								
80								
90								
100								
110								
120								
130								
140								
150								



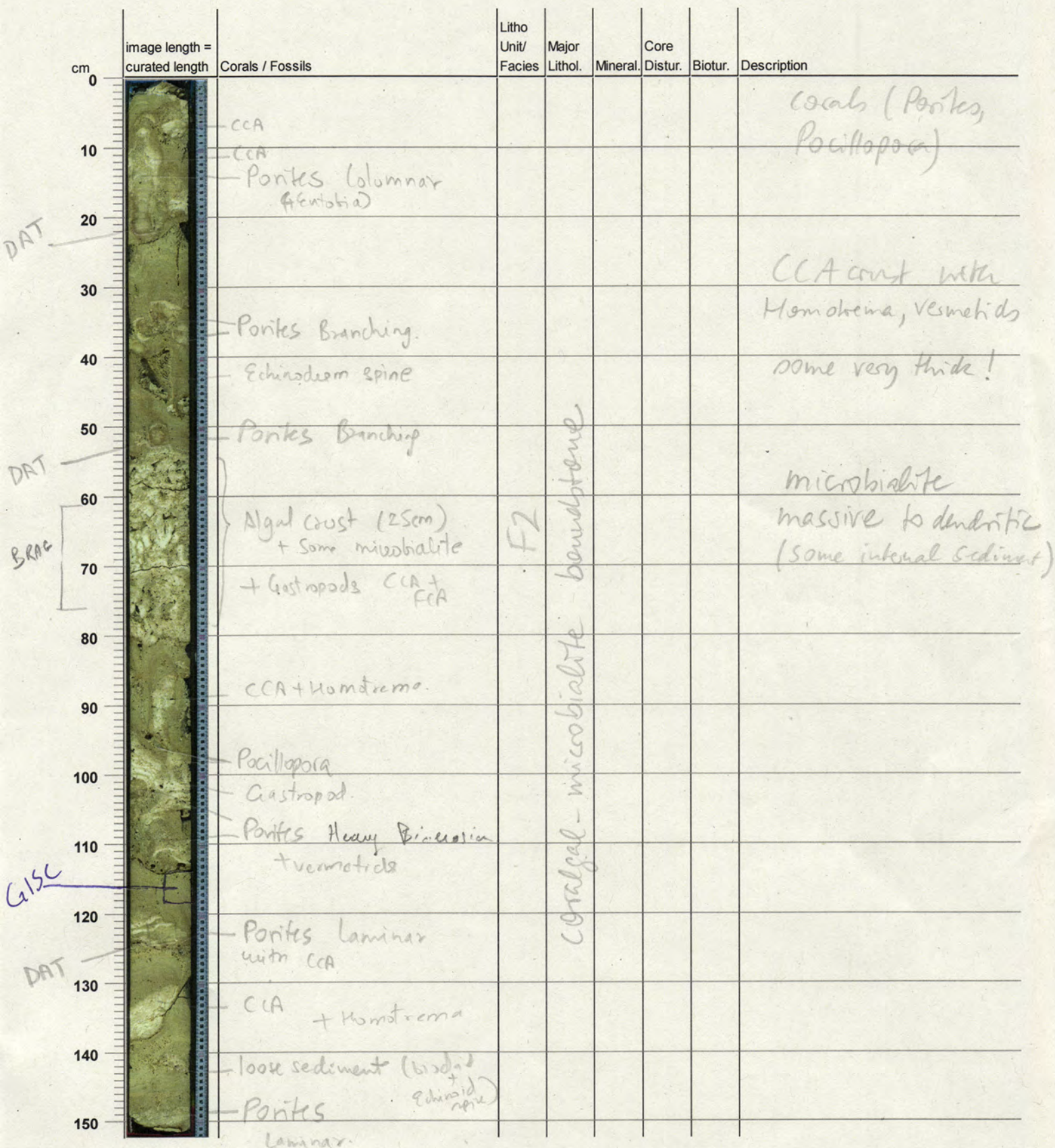
Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	21 R	1	15.69 m	17.21 m

Describer(s): Grünler, Humblet, Braga

Date: 10 Feb. 2024





ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	21 R	2	17.21 m	18.45 m

Describer(s): Hamon Potts | Khanna

Date: 10-2-2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Microbialite - columnar to dendritic						Coralgal Microbialite
		Porites columnar (entobia)						Boundstone
10		Geopetal						Mostly porites with possible cyphastrea
20		Microbialite (columnar)						columnar to laminar to branching
30		Cyphastrea (?) Laminar						
40		Microbialite (columnar to dendritic)						Microbialite - columnar to dendritic
		Cyphastrea						
		CCA + Homotrema						
		Porites						Vermatids + Homotrema + gastropods
50		Porites - heavily bisected						
		Geopetal (entobia)						
60		Crab claw (?) → Serpulid						
		Microbialite - columnar to dendritic						
70		Porites columnar compressa + CCA crust on top	2					
80		Wormtube edge (entobia?)	1					
		CCA crust						
90		columnar Porites + CCA with Homotrema						
100		Microbialite						
		Branching coral dust						
110		CCA + vermetids						
120		Porites CCA with microbialite						
130								
140								
150								



ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	22 R	1	18.45 m	19.96 m

Describer(s): Hamon / Potts / Khanna

Date: 10-4-2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Gastropod, Echinoid spine, Red algae	F-0	F-0				Disturbed
10		CCA Gastropod Coral - Undetermined Microbialite Coral - heavily bisected						Coralgal Microbial boundstone Porites + Cyphastrea branching corals
20								
30		Cyphastrea - Branching	F-2	Microbial Boundstone				
40		Porites Branching heavily bisected						
50		Soft sediments (Molluscs + Red algae) CCA with Homotrema fragments						
60		Porites Branching Bisected - gastropod						
70		Thick CCA with microbialite	F-4	Algal Boundstone				Algal Boundstone with thin microbialite cents
80		Occasional Homotrema + gastropod (including vermetids)						
90		+ Some FCA (?) Branching Montipora (?)						
100		Microbialite						Microbial boundstone - dominantly microbialite
110		Heavily bisected - Cyphastrea laminar (?)						
120		Porites Branching Porites						Fine corals - porites + cyphastrea
130		Porites	F-3	Microbial Boundstone				Fine small pockets with soft sediments
140		Soft Sediment - + Crab claw (?) + bivalve + echinoderm spines + brachiozoans + gastropods						
150		Cyphastrea - Branching CCA - vermetids	F-5	Microbial Boundstone				



Hawaiian Drowned Reefs

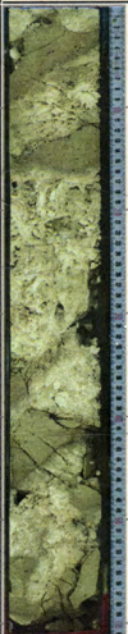
ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	22 R	2	19.96 m	20.57 m

Describer(s):

Hamon | Potts | Klanna

Date: 10-2-2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		] Microbial] CCA						Microbial algal Boundstone
10		] Microbial - Hamotrema - Boring						Microbial - laminated to
20		CCA + FCA + gastropods						structureless.
30		] Brecciated Algal cement.	H.S.B	Algal boundstone				+ Hamotrema + Vermatids
40		- Microbial						
50		] CCA + Microbial		Microbial				
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



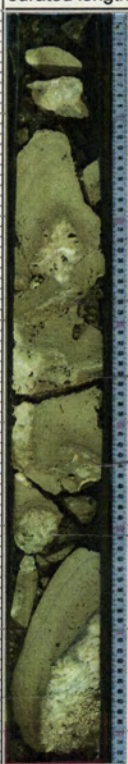
Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	23 R	1	20.71 m	21.44 m

Describer(s): KH- DP- PK

Date: 10/02/2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Echinoderm spine, CCA dist, Microbialite dist,						Some pieces of underlying facies!
10								thick columnar laminar Microbialite
20		CCA						
30		Porites (Bored) laminar						
40		Porites (Bored) CCA + Hamotaxia clast	cr					Several coral branches, encrusted by thin CCA and embedded in Microbialite.
50		Porites (Bored) + branching	cr					(Laminar)
60		CCA						
70		thick CCA crust with Hamotaxia. the edge is Bored						CCA + Microbialite (columnar laminar type) Some geopetal structures
80								
90								
100								
110								
120								
130								
140								
150								



ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	24 R	1	21.49 m	22.62 m

Describer(s): YH- DP- PK

Date: 10/02/2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10								
20		CCA + <i>Homotrypa</i> CCA	F3.5	Micocaliclit-Algal BSR				Some cm-scale CCA crusts and nodules embedded in Columnar (laminar) micocaliclit going to dendritic at the top
30								
40		CCA Heavily bisected coral - <i>Pontes</i> branch <i>Homotrypa</i> Serpulid						
50		thick CCA crust with Verrucosities	F4	BSR				thick CCA crust with laminar fabric lots of Furk canals filled partially by internal sediments
60				Algal				
70								
80		Altered <i>Pontes</i>						
90		thick CCA with <i>Homotrypa</i> and occasional Verrucosities						
100		CCA mostly thick and thick CCA crust + Verrucosities	F2	condensed Nucleolitic BSR				condensed (coral at the base) micocaliclit BSR.
110		<i>Pontes</i> Submassive						
120								
130								
140								
150								

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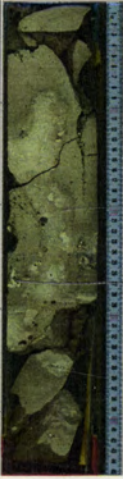


ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	24 R	2	22.62 m	23.08 m

Describer(s): YH-DP-PK

Date: 10/02/2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10								coralgal micralite Ecr.
20		Porites columnar, heavily bored and altered						- Very thin (almost absent) CCA crust
30		FCA + vermetid + bivalve + colonial spine Porites fragment						- columnar laminar micralite L to dendritic
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



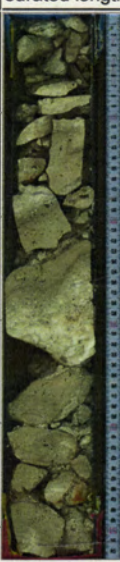
Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	25 R	1	23.15 m	23.68 m

Describer(s): YH-DP-PK

Date: 10/02/2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								} Drilling disturbance
10				Sst				
20		coral piece						Dominantly columnar-laminar thick-bedded with an-scale CCA crusts.
30		Domed Microbialite						
40		CCA crust	F3.5	Microbialite - Algal				Mostly columnar-laminar thick-bedded
50								} Soft sediments Gastropod fragment + biolites
60		CCA nodules						
70								
80								
90								
100								
110								
120								
130								
140								
150								



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

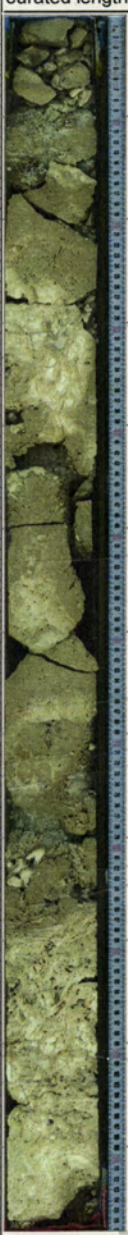
Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	26 R	1	24.41 m	25.59 m

Describer(s):

Hamon / Potts / Klanna

Date:

10-2-2024

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								} drilling disturbance
10								Mostly Microbialite and algal crust
20								
30								
40								Microbialites are mostly dendritic / Massive - Structures.
50								
60								
70								
80								
90								
100								Massive Algal crust + some thin microbialite (crust-ventral)
110								Homotrema
120								
130								
140								
150								

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POTTS

(biod)

POTTS

BRAG

F. 3.5

Microbial Algal Boundstone

Algal Boundstone

F. 4



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

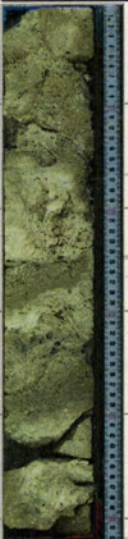
Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	26 R	2	25.59 m	26.11 m

Describer(s):

Hammon / Bolls / K Lanna

Date:

10-2-2024

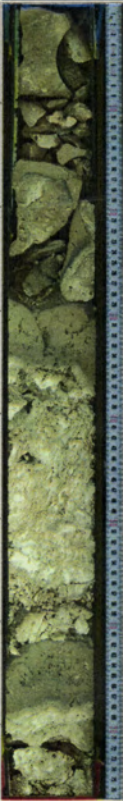
cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10		Microbialite Structureless to dendritic.						
20		CCA + Homotrema + some FCA(?)						13-16-5ft sediment with gastropod + echinoderm spine
30		Microbialite	F-4	Algal Banding				Microbialite predominantly dendritic - as structureless
40		Microbialite						
50		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	C	27 R	1	25.97 m	26.74 m
Describer(s): Hamon / Potts / Khanna						Date: 10-2-2024

cm	img length = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								Dominantly Algal bonded units
10		+ Gastropod (clasts) - Porites - heavily bleached Branching						Vermatids Microbialites
20								dominantly Structureless - Columnar
30		} Columnar Structureless Microbialite						
40		} CCA + some FCA + vermetids	F-4	Roundling				
50	BRAG			Algal				
60		} Microbialite (complex growth)						Loose sediment with broken CCA clasts
70	BRAG	} CCA + Himantozoma + some FCA						
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	C	28 R	1	26.97 m	28.09 m
Describer(s): Hamon Potts Khanna						Date: 10-2-2024

cm	img length = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Porites (Rhombic branch)						
10		Microbialite crust						Mostly Algal Boundstone
20		CCA → worm tubes						with some microbialite
30		Loose unconsolidated Sed. Echinoid spine + bioclast Fen						+ Some gastropods, vermetids + Homotrema
40		CCA + vermetids abundant						
50								
60		Large Gastropod						
70		+ Homotrema						
80		CCA + vermetids abundant + Gastropod						
90		Some loose sed-bed alge branchy						
100		Microbialite						
110		Cyphastrea						
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	C	29 R	1	28.22 m	28.7 m

Describer(s):	Momon / Potts / Khanna	Date:	10-2-2024
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cm	img length = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		— Branchy Porites - heavily bio eroded with CCA						Algal boundstone -
10		Microstratite clast						Mottly CCA clasts with some FCA + microstratite
20		Trilobites - soft sediments						one occurrence of branching coral.
30		CCA + some FCA + some microbial + Echinoid spines	4	Algal boundstone				
40		Soft sediment with mottly algal clasts						
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

Potts
Soft
Sediment

RVTJ
(lamellae)
BRAG



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	30 R	1	28.74 m	29.91 m

Describer(s):

Hamon / Potts / Khanna

Date:

10-2-2024

cm	img length = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								Core disturbance at top
10		Algal clasts with some micobialite						Mostly Algal boundstone with
20								CCA predominantly + some FCA. CCA is
30		CCA + worm tube + dendritic micobialite soft + frag.						consisted by micobialite - structures to dendritic.
40		Porites - columnar.						
50		CCA crust						
60		Porites branching.						
70			F-4	Boundstone				
80		Thick CCA + some FCA consisted by dendritic micobialite		Algal				
90								
100								
110								Core disturbance at bottom
120								
130								
140								
150								

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DAT

BRAG

Hawaiian Drowned Reefs						
ONSHORE VISUAL CORE DESCRIPTION						
Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M97	C	32 R	1	33.39 m	33.91 m
Describer(s):					Date:	
Homon / Both / Khanna					10-2-2024	