



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M105	A	1 R	1	0 m	0.31 m

Describer(s): *YM-PR-DP*Date: *23/02/2024*

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								Loose Rhodolith (less than 1cm in diameter) in a dark grey unconsolidated bioclastic and volcaniclastic medium-grained sand
10		Bivalve Fragment						
20		Rhodoliths	Fill	Rhodolith Filler (loose)				
30		Foraminifera in the Matrix + Mollusca Bioclasts						
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

*ASAN**Post CSF-B**BRAG*

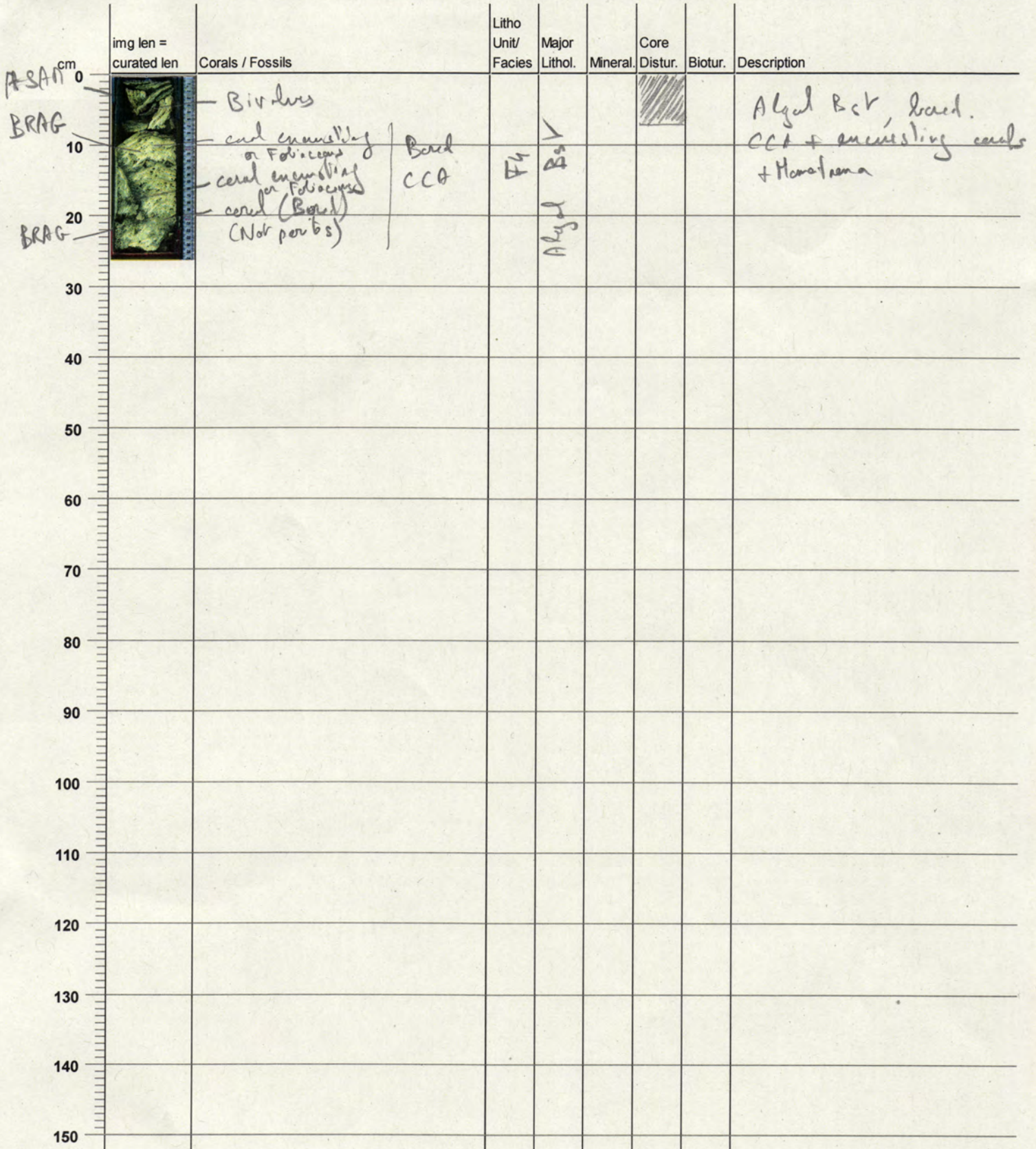


Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M105	A	4 R	1	7.43 m	7.69 m

Describer(s): YH-PK-DP	Date: 23/02/2024
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ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M105	A	6 R	1	12.95 m	13.11 m

Describer(s):

Hamon / Potts / Khanna

Date:

23-2-2023

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10		Branching Porites with CA Low fragment Cyphastrea	Li	300/200 300/200				Coralal boundary with branching Porites
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	M105	A	7 R	1	14.71 m	15.17 m

Describer(s):	Hamon - Potts - Khanna	Date:	23-2-2024
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cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10		Columnar Porites + thin CCA						Coralline Boundstone + Branching Porites + thin CCA
20		Branching Porites + thin CCA						+ biodepositional sediment in cavities
30								
40		Por(?) Porites + thin CCA						
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

DAT

Potts
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DAT



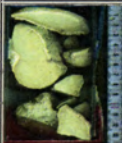
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ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M105	A	8 R	1	15.32 m	15.46 m

Describer(s): *Homan-Potter-Khan*

Date: *23-2-2024*

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		<i>branching Porites + thin LCA</i>		<i>Porites</i>				<i>Coarse grained Bouldstone with thin LCA.</i>
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	M105	A	9 R	1	18.12 m	19.27 m

Describer(s): Y.H. PR. OF

Date: 23/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		Bioturbated sediment : yellow						
10								Vesicular Basalt with moderately abundant rounded enclaves. 2-5 mm vesicles
20								Perphyritic (px + olivine) and phaneritic granitic texture
30		Bioturbated sediment : yellow						
40								
50								same but less vesicles
60			Fig	Basalt				
70								
80								
90								same as interval 0-37 cm
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	M105	A	10 R	1	20.94 m	22.19 m

Describer(s): YH- PK. DP

Date: 23/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								Vesicular Basalt with abundant (2-5mm) vesicles. Some are aligned.
10								porphyritic + phaneritic
20								Fractured and possibly altered (reddish clayton) of the same Basalt
30								
40								
50								
60								
70								
80								
90								Vesicular Basalt with abundant vesicles varying in size (1mm to 6mm) porphyritic and phaneritic groundmass texture
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	M105	A	11 R	1	22.16 m	23.58 m

Describer(s): YH-PK-DP

Date: 23/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10								
20								Dominantly Vesicular
30								Basalt with abundant
40		possibly carbonate infill						Rounded (1-5 mm) vesicles
50								Some coalesced and make
60								10 mm vesicles.
70		possibly carbonate infill						Porphyritic (clin + pr)
80								and phaneritic groundmass
90								texture.
100								Fractured with red
110								staining.
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	M105	A	12 R	1	23.69 m	24.1 m

Describer(s): YH- PK- DP

Date: 23/02/2024

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								



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M105	A	13 R	1	24.19 m	25.7 m

Describer(s): YH. DP-PK

Date: 23/02/2024

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								
10								Fragments of Basalt
20								
30								
40								Vesicular Basalt with moderately abundant small vesicles (1-2 mm).
50								Porphyritic + plagioclase granulose texture.
60								px + clin crystals.
70								Altered reddish between 24 to 56 cm.
80								
90								
100								
110								
120								
130								Altered, crushed (crumbly aspect) reddish vesicular Basalt.
140								Porphyritic aphanitic (?) Abundant small vesicles, some coalesced.
150								



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ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M105	A	14 R	1	25.58 m	26.14 m

Describer(s):	Date:
Hamon / Potts / Khanna	23-2-2023

cm	img len = curated len	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								venicular Basalt
10								drilling disturbance
20								
30								
40								porphyritic Basalt with olivine / pyroxene
50								crystals + Needle like crystals inside vesicles.
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								