



Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M96	F	1 R	1	6.72 m	6.8 m

Describer(s): YH - DP - PK

Date: 07/02/2022

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0			FB	Basalt				Pieces of phenocrystic Basalt with mm. to sub-mm crystals of px. Some pieces show some rounded vesicles.
10								
20								
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								



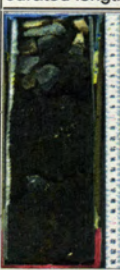
Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M96	F	2 R	1	7.84 m	8.09 m

Describer(s): YH - DP - PK

Date: 07/02/2012

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								possible "fall in" carbonate clasts.
10								Basalt with aphanitic text coalescent vesicles partially filled by carbonate silt-size sediments.
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	M96	F	3 R	1	8 m	9.51 m

Describer(s): YH-DP-PK

Date: 07/02/2022

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0								0-33 cm : Vesicular Basalt (submm, rounded vesicles) with aphanitic matrix. pillow ??
10								
20								
30								33-45 cm : Vesicular Basalt (2-5 mm coalescent vesicles) aphanitic matrix. Vesicles filled by carbonate sediment.
40								45-66 cm : Same as 0-33.
50								
60								
70		LBF.	L	Basalt				70-80 cm Coalescent vesicles + fractures filled by grey carbonate sediment.
80								80-101 cm : Same as 0-33 + fractures
90								
100								101-152 : Basalt with hyaloclastite texture. Some mm to plurim cm clasts of vesicular basalt. and possible carbonate in the matrix of the hyaloclastite
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	M96	F	3 R	2	9.51 m	9.71 m

Describer(s): YH-DP-PK

Date: 07/02/2022

cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral.	Core Distur.	Biotur.	Description
0			FB	Basalt				Basalt with a hyalodolomite texture. Breccia is incorporating basalt clasts (mm-cm) and a fine carbonate matrix. Mostly aphanitic basalt texture.
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	M96	F	4 R	1	9.67 m	10.35 m

Describer(s): YH-DP-PK

Date: 07/02/22

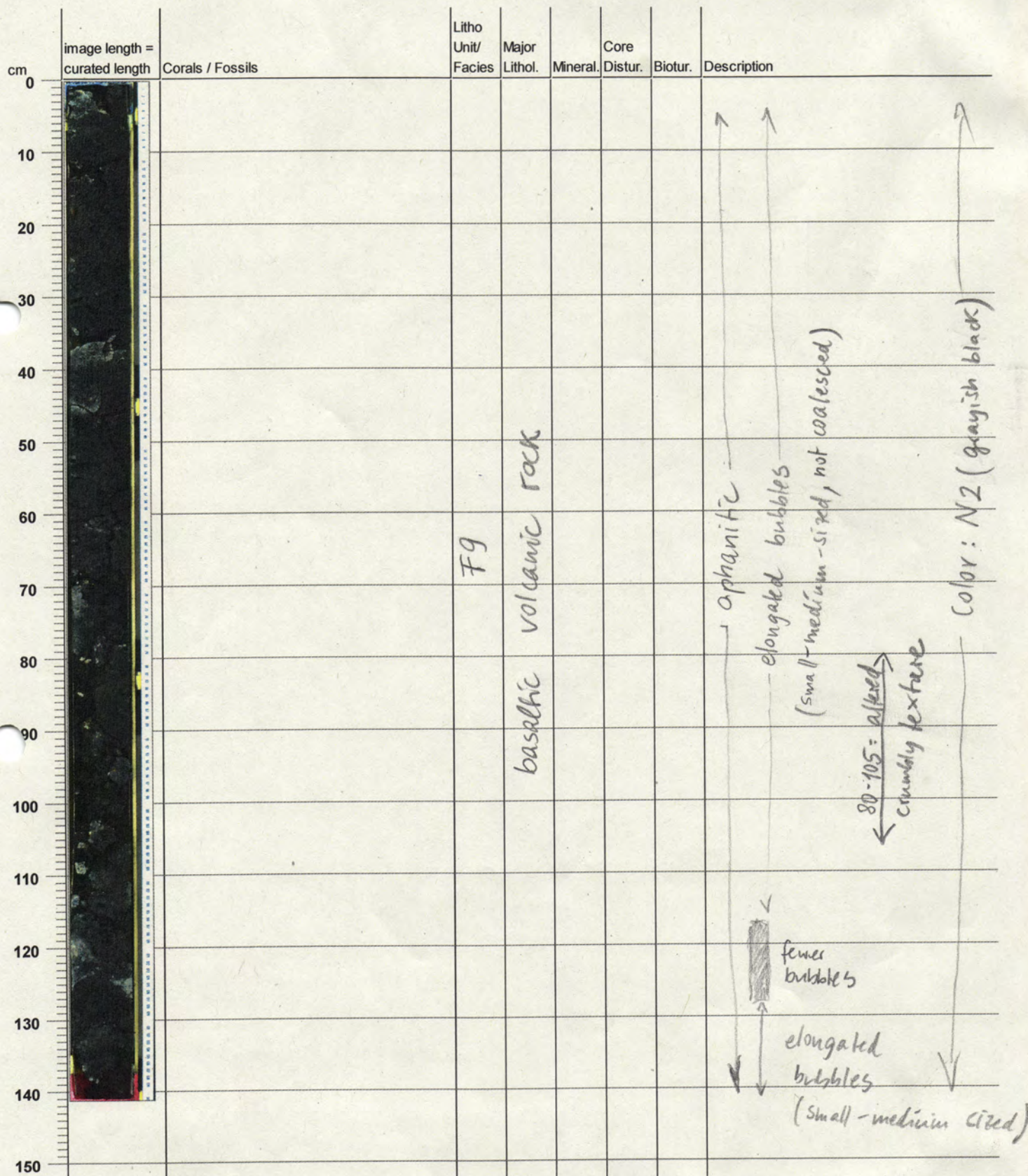
cm	image length = curated length	Corals / Fossils	Litho Unit/ Facies	Major Lithol.	Mineral	Core Distur.	Biotur.	Description
0		gastropod (Fall in?)						0-28 cm: Basalt with a hyaloclastite texture, including mm - cm clasts of finely vesicular Basalt (aphanitic). Some carbonate grains (fall in?)
10								
20								
30								28-68 cm: Fractured Basalt, Vesicular (mostly coalescent). Some Vesicles filled by schmund.
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	M96	F	5 R	1	10.25 m	11.66 m

Describer(s): *Grischler, Humblet*Date: *08. Feb. 2024*



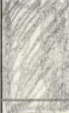
Hawaiian Drowned Reefs

ONSHORE VISUAL CORE DESCRIPTION

Expedition	Site	Hole	Core	Section	Top depth (CSF-B)	Bottom depth (CSF-B)
389	M96	F	5 R	2	11.66 m	12.29 m

Describer(s): Gissoles, Humblet

Date: 8 Feb. 2024

cm	image length = curated length	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								

Fg

basaltic volcanic rock

aphanitic texture

small-medium sized bubbles

(largely round, some elongate)
not coalescedcolor = N2 (grayish
black)

48-55 cm:

light brown

crust
(unidentified)