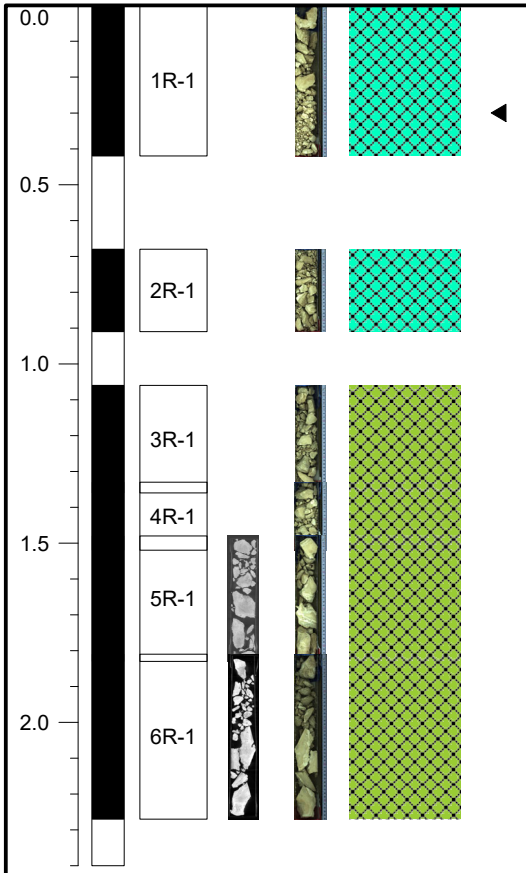
IODP Expedition 389 VCD
Site: M0108A

Hole M0108A

Region: Mahukona
Water Depth: 1178.4 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Coralline algae;Porites-undetermined;Porites-branching;Echinoderm;Bivalve	encrustation - multilayered	N9;5Y 8/4;10YR 7/4	Broken coralgal-microbialite boundstone (highly disturbed by coring).
	Coralline algae;Porites-undetermined;Coral-undetermined	encrustation - multilayered	N9;5Y 8/4;10YR 7/4	Broken coralgal-microbialite boundstone (highly disturbed by coring) Some rhodoliths fragments.
	Coral-undetermined;Coralline algae;Porites-undetermined	encrustation - multilayered;bioerosion	N9;5Y 8/4;10YR 7/4	Broken coralgal boundstone (highly disturbed by coring) - abundant (?) branching coral clasts - presence of Trypanites boring in coral.
	Coral-undetermined;Coralline algae;Porites-undetermined	encrustation - multilayered;bioerosion	N9;5Y 8/4;10YR 7/4	Broken coralgal boundstone (highly disturbed by coring) - abundant (?) branching coral clasts - presence of Trypanites boring in coral.
	Coralline algae;Gastropod;Porites-branching;Porites-laminar	encrustation - multilayered;bioerosion	N9;5Y 8/4;10YR 7/4	Broken coralgal boundstone (highly disturbed by coring) - presence of Entobia boring in corals Robust branching and laminar corals.
	Coralline algae;Porites-branching; Coral-undetermined	encrustation - multilayered;bioerosion	N9;5Y 8/4;10YR 7/4	Broken coralgal boundstone (highly disturbed by coring) - Mostly robust branching corals with thick CCA presence of Trypanites and Entobia boring in corals.

VCD legend

Core recovery
- Core recovered
- No recovery
- Wash bore
- High disturbance

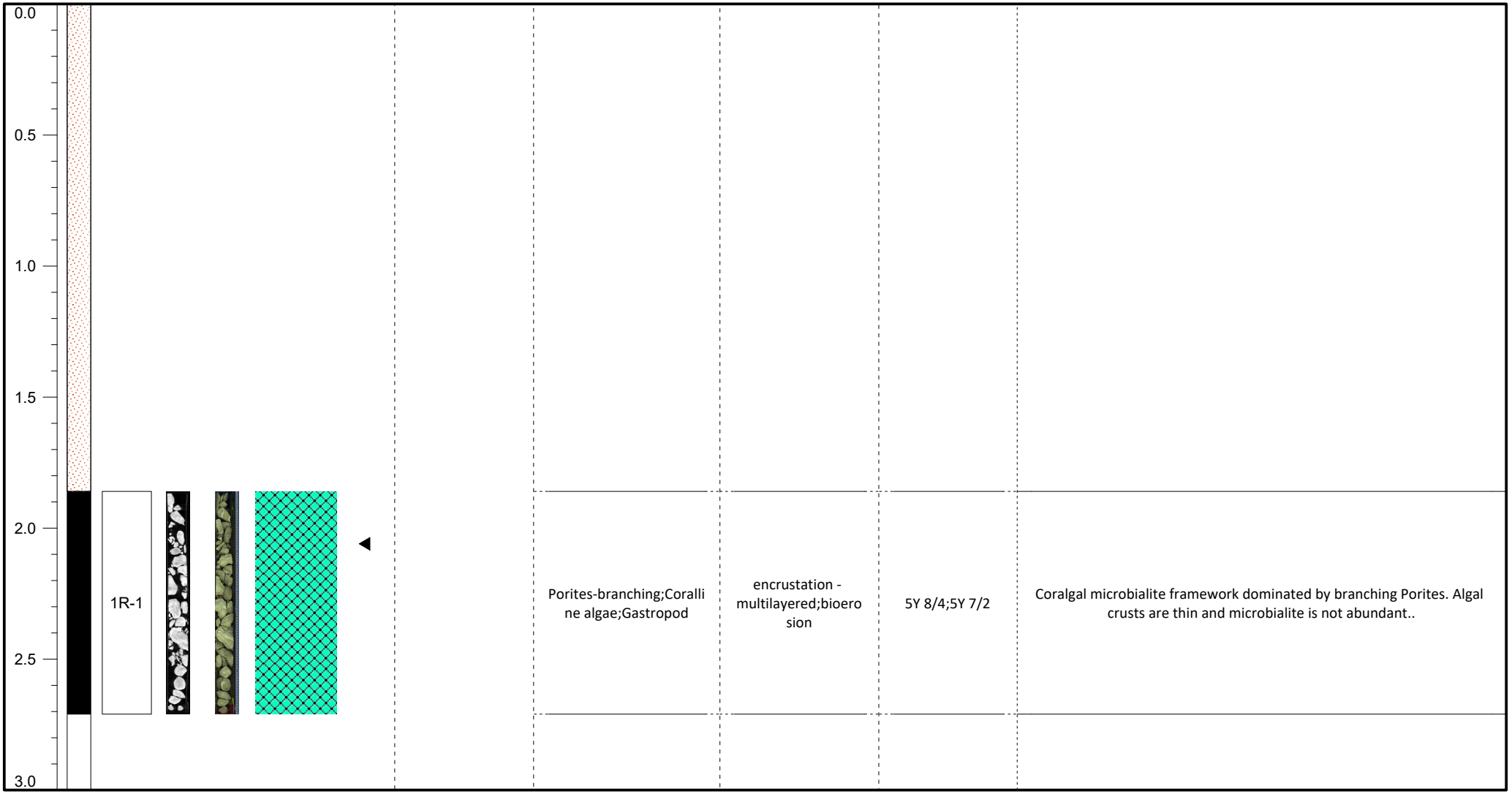
Facies
- FRW-CorAlgBound
- FRW-CorAlgMicrobBound
- FRW-MicrobAlgBound
- FRW-MicrobBound
- FRW-AlgBound
- RDST/FLST-Rhodoliths
- DET-Consolidated
- DET-Unconsolidated
- Mixed-carb/vol
- VOL-Clast
- VOL-Basalt
- FALL

IODP Samples
- Dating
- GEOCHEM
- IWRH
- MAD/PW
- PMAG

IODP Expedition 389 VCD
Site: M0108B

Hole M0108B

Region: Mahukona
Water Depth: 1177.2 m



VCD legend

Core recovery
- Core recovered
- No recovery
- Wash bore
- High disturbance

Facies
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- FRW-CorAlgMicrobBound
- FRW-MicrobAlgBound
- FRW-MicrobBound
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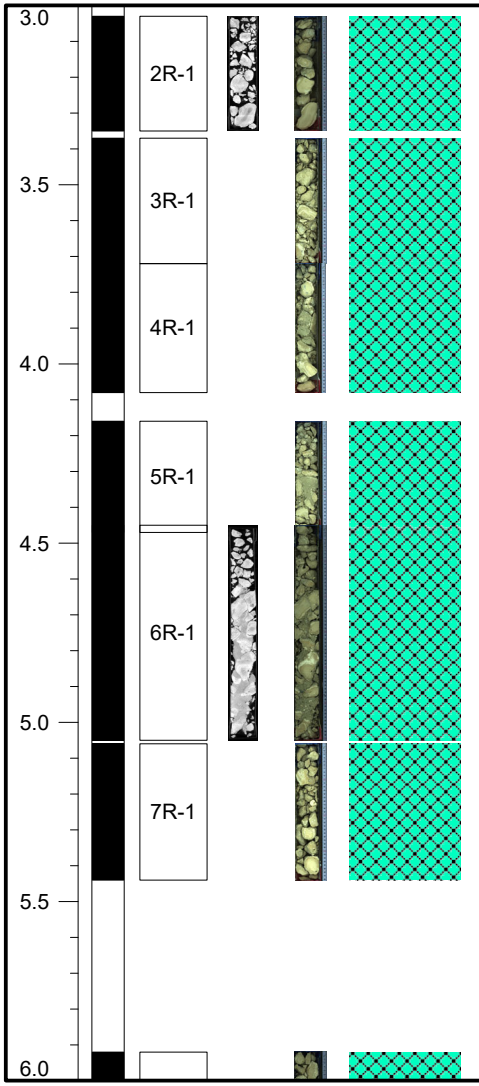
- DET-Consolidated
- DET-Unconsolidated
- Mixed-carb/vol
- VOL-Clast
- VOL-Basalt
- FALL

IODP Samples
- Dating
- GEOCHEM
- IWRH
- MAD/PW
- PMAG

IODP Expedition 389 VCD
Site: M0108B

Hole M0108B

Region: Mahukona
Water Depth: 1177.2 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Porites-branching;Coralline algae	encrustation - multilayered	5Y 8/4;5Y 7/2	Coral fragments (including branches). Some coral fragments are encrusted by thin crusts of coralline algae and microbialite..
	Coralline algae;Porites-branching;Porites-undetermined;Echinoderm;Bivalve	encrustation - multilayered	5Y 8/4;5Y 7/2	Coral fragments (including branches). Some coral fragments are encrusted by thin crusts of coralline algae and microbialite..
	Coralline algae;Vermetidae;Porites-branching;Echinoderm			Branches of corals encrusted by coralline algae with abundant vermetids and microbialite Some soft biodetrital unconsolidated sediment as background matrix.
	Coralline algae;Porites-branching;Bivalve;Gastropod	encrustation - multilayered	5Y 8/4;5Y 7/2	Branches of corals encrusted by coralline algae. A few fragments of microbialite are also present. Some soft biodetrital unconsolidated sediment as background matrix.
	Coralline algae;Porites-branching;Gastropod;Bivalve;Echinoderm;Cyphastrea-encrusting	encrustation - multilayered	5Y 8/4;5Y 7/2	Coralgal microbialite framework dominated by branching corals with thin algal crusts, some microbialite Some soft biodetrital unconsolidated sediment as background matrix.
	Coralline algae;Porites-branching;Montipora-undetermined	encrustation - multilayered	5Y 8/4;5Y 7/2	High core disturbance - core material composed of clasts of corals, microbialite and fruticose coralline algae - some coral branches are encrusted by crustose coralline algae..

VCD legend

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IODP Samples
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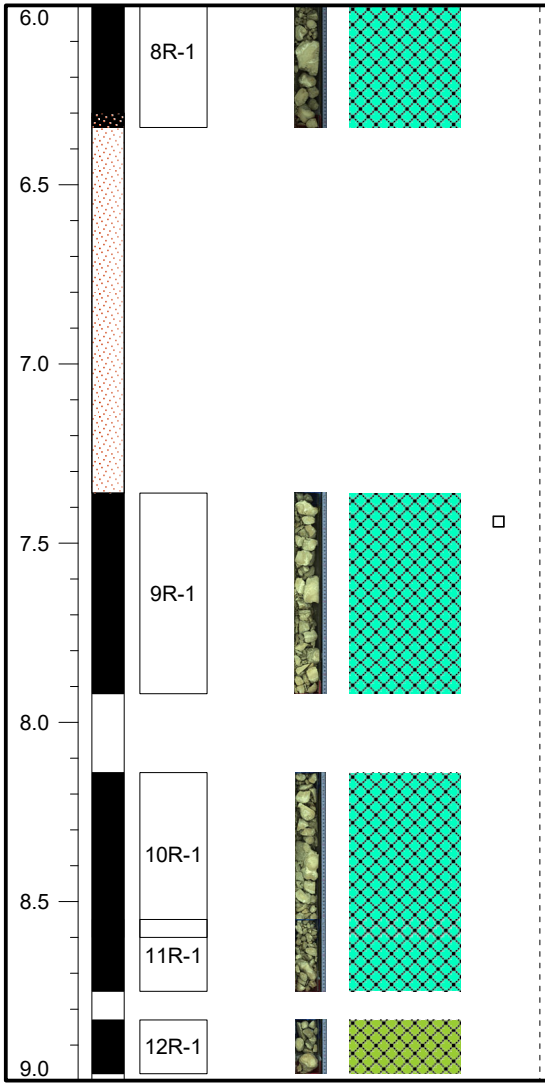
- IWRH
- MAD/PW
- PMAG

IODP Expedition 389 VCD
Site: M0108B

Hole M0108B

Region: Mahukona
Water Depth: 1177.2 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Coralline algae;Porites-branching; Cyphastrea-encrusting	encrustation - multilayered	5Y 8/4;5Y 7/2	Broken framework composed of clasts of corals and microbialite - some clusters of branches encrusted by crustose coralline algae and microbialite..
	Coralline algae;Porites-branching; Coral-laminar	encrustation - multilayered;bioerosion	5Y 8/4;5Y 7/2	Coralgal microbialite framework dominated by robust branching with thin crusts of crustose coralline algae. Presence of microbialite crusts..
	Coralline algae;Porites-branching; Porites-submassive;Porites-undetermined;Bivalve	encrustation - multilayered;bioerosion	5Y 8/4;5Y 7/2	Fragments of branching corals thinly encrusted by crustose coralline algae. The abundance of microbialite is low. Borings. Major minerals: aragonite;calcite
	Coralline algae;Porites-branching	encrustation - multilayered	5Y 8/4;5Y 7/2	High core disturbance - clasts of corals (including branching corals) encrusted by crustose coralline algae - microbialite are rare and thin.
	Coralline algae;Porites-branching	encrustation - multilayered	5Y 8/4;5Y 7/2	High core disturbance - clasts of corals (including branching corals) thinly encrusted by crustose coralline algae - microbialite not observed.

VCD legend

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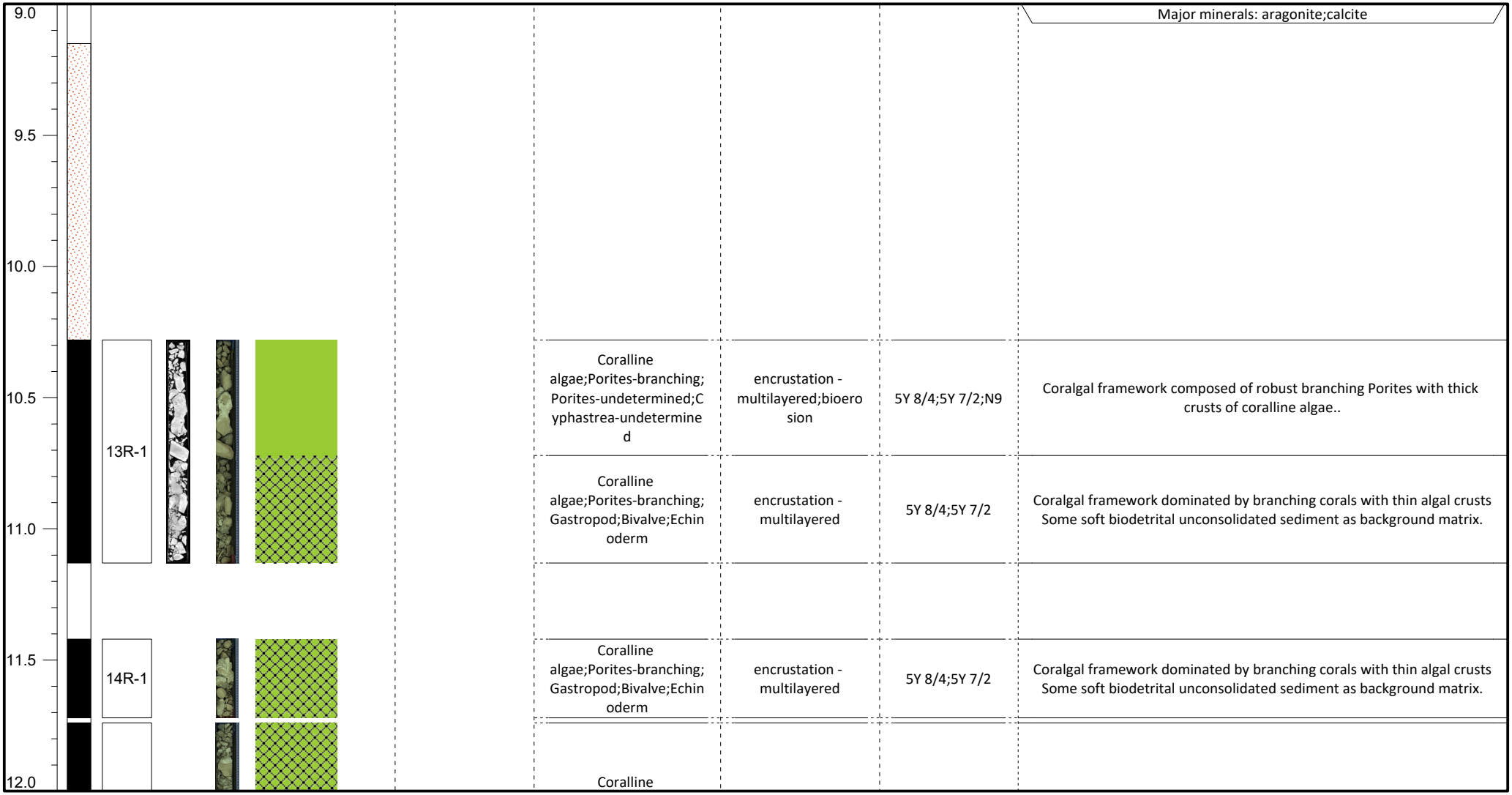
- GEOCHEM
- IWRH
- MAD/PW
- PMAG

IODP Expedition 389 VCD
Site: M0108B

Hole M0108B

Region: Mahukona
Water Depth: 1177.2 m



VCD legend

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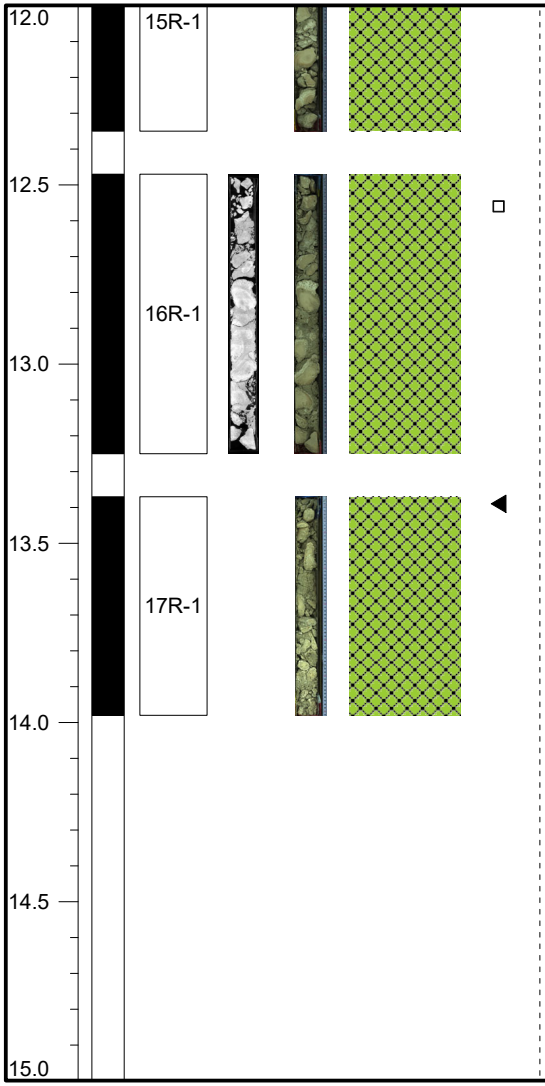
IODP Expedition 389 VCD
Site: M0108B

Hole M0108B

Region: Mahukona
Water Depth: 1177.2 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	algae;Porites-branching; Gastropod;Bivalve;Echinoderm;Porites-submassive	encrustation - multilayered	5Y 8/4;5Y 7/2	Coralgal framework dominated by branching and submassive corals with thin algal crusts Some soft biodetrital unconsolidated sediment as background matrix.
	Coralline algae;Porites-branching; Gastropod;Bivalve;Echinoderm	encrustation - multilayered	5Y 8/4;5Y 7/2	Coralgal framework dominated by branching corals with thin algal crusts Some soft biodetrital unconsolidated sediment as background matrix.
	Coralline algae;Porites-branching; Gastropod;Bivalve;Echinoderm	encrustation - multilayered	5Y 8/4;5Y 7/2	Coralgal framework dominated by branching corals with thin algal crusts Some soft biodetrital unconsolidated sediment as background matrix Some rhodoliths at the base..

VCD legend

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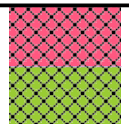
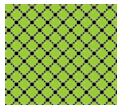
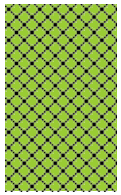
IODP Samples
- Dating
- GEOCHEM
- IWRH
- MAD/PW
- PMAG

IODP Expedition 389 VCD
Site: M0108B

Hole M0108B

Region: Mahukona
Water Depth: 1177.2 m

Depth (mbsf)	Core recovery	Curated sections	XCT scan image	Line scan image	Facies	IODP samples	Grain size	Fossils	Taphonomy	Color	Visual core description
15.0		18R-1						Coralline algae;Porites-branching	encrustation - multilayered;bioerosion	5Y 7/2	heavily bioeroded thickly CCA rhodoliths. Cores are branchÃ§ing Porites..
								Gastropod;Coralline algae;Porites-branching;Porites-laminar	encrustation - multilayered	N9;5Y 8/4;5Y 7/2	Broken coralgal framework composed of corals and coralline algal crusts.
15.5											
16.0											
16.5		19R-1						Coralline algae;Porites-laminar;Porites-branching	encrustation - multilayered;bioerosion	N9;5Y 8/4	Broken coralgal framework composed of corals thinly encrusted by crustose coralline algae - most corals are heavily bored.
17.0											
17.5		20R-1						Coralline algae;Porites-laminar;Porites-branching;Porites-columnar	encrustation - multilayered	N9;5Y 8/4	Fragmented Coralgal boundstone composed of laminar and branching corals and thin algal crust. 1 FCA rhodolith at 40 cm.
18.0											

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IODP Samples
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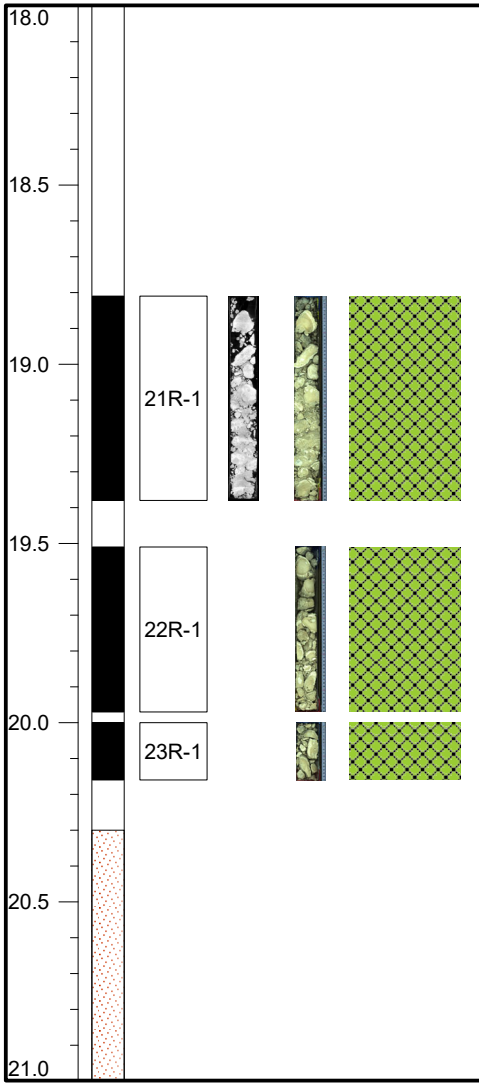
IODP Expedition 389 VCD
Site: M0108B

Hole M0108B

Region: Mahukona
Water Depth: 1177.2 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Coralline algae;Porites-branching; Porites-submassive;Gastropod;Echinoderm	encrustation - multilayered;bioerosion	N9;5Y 8/4	Dominantly branches of Porites with possible submassive fragments. Thin CCA crust. In a background atrix made of biodetrital unconsolidated sediments. Corals are bored, borings filled by muddy white sediments.
	Coralline algae;Porites-branching; Porites-submassive;Gastropod;Echinoderm	encrustation - multilayered;bioerosion	N9;5Y 8/4	Dominantly branches of Porites with possible submassive fragments. Thin CCA crust. In a background atrix made of biodetrital unconsolidated sediments. Corals are bored, borings filled by muddy white sediments.
	Coralline algae;Porites-branching; Echinoderm	encrustation - multilayered;bioerosion	N9;5Y 8/4	Coralgal framework (broken during coring) composed of branching corals and coralline algal crusts.

VCD legend

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- FRW-CorAlgMicrobBound
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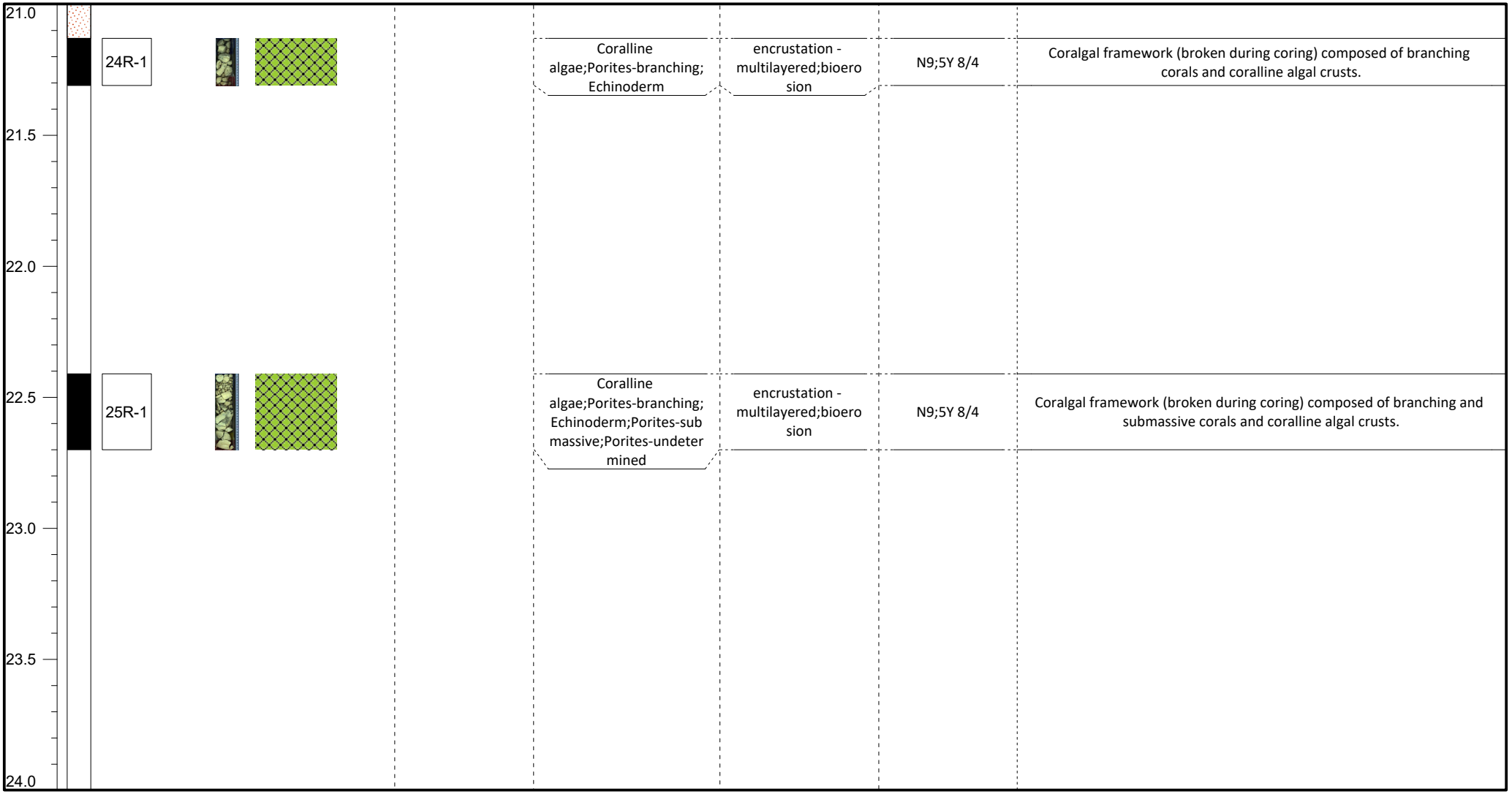
- FALL

IODP Samples
- Dating
- GEOCHEM
- IWRH
- MAD/PW
- PMAG

IODP Expedition 389 VCD
Site: M0108B

Hole M0108B

Region: Mahukona
Water Depth: 1177.2 m



VCD legend

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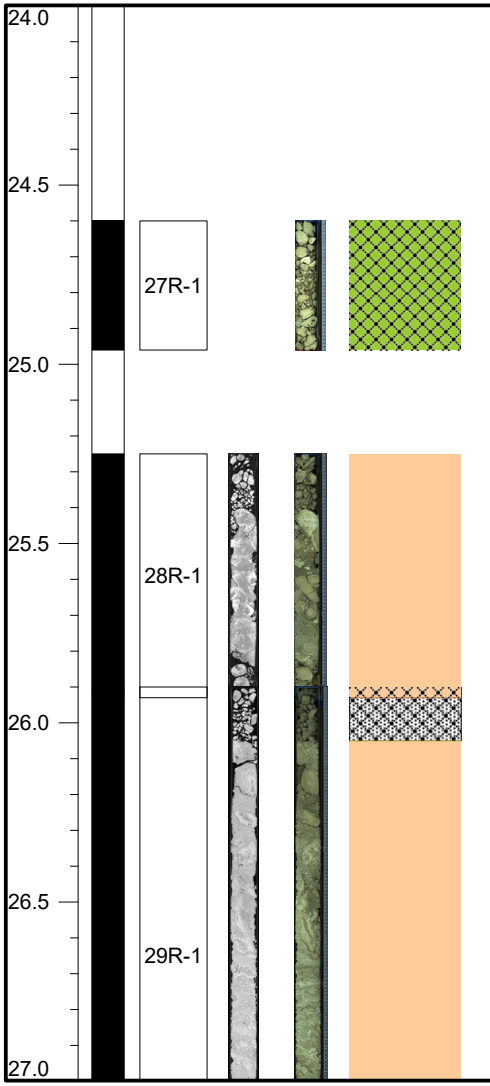
IODP Expedition 389 VCD
Site: M0108B

Hole M0108B

Region: Mahukona
Water Depth: 1177.2 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Coralline algae;Porites-branching; Echinoderm;Pocillopora-undetermined	encrustation - multilayered;bioerosion	N9;5Y 8/4	Coralgal framework (broken during coring) composed of branching corals and coralline algal crusts.
	Coralline algae;Porites-branching; Echinoderm;Arthropod; Gastropod;Porites-undetermined;Vermetidae	encrustation - multilayered;bioerosion	N9;5Y 8/4	Unconsolidated bioclastic deposit, with large pieces of coral encrusted by CCA with vermetids, in a coarse-grained sand matrix rich in coralline algae, gastropods and corals..
	Porites-undetermined	bioerosion		Fall-in fragments of Parites.
	Porites-columnar;Porites-branching;Porites-massive;Cyphastrea-undetermined;Montipora-branching;Montipora-undetermined;Montipora-platy; Vermetidae;Coralline algae;Homotrema;Gastr	fragmentation;encrustation - multilayered;bioero	N9;5Y 8/4	Unconsolidated bioclastic deposit, with large pieces of coral encrusted by thick CCA with vermetids and Homotrema, in a coarse-grained sand matrix rich in coralline algae, gastropods and corals..

VCD legend

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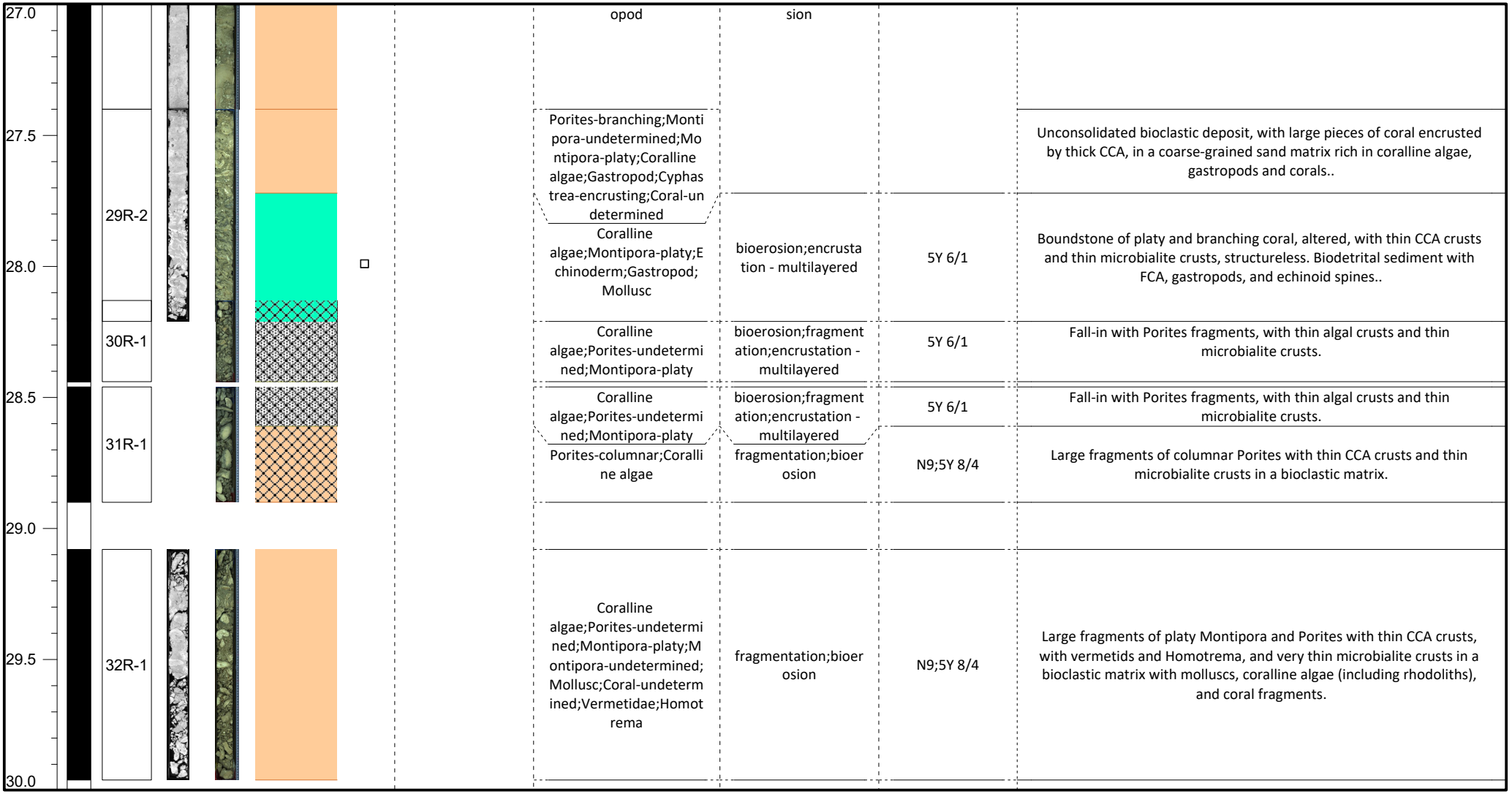
- Dating
- GEOCHEM
- IWRH
- MAD/PW
- PMAG

IODP Expedition 389 VCD

Site: M0108B

Hole M0108B

Region: Mahukona
Water Depth: 1177.2 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	opod	sion		
	Porites-branching;Montipora-undetermined;Montipora-platy;Coralline algae;Gastropod;Cyphastrea-encrusting;Coral-undetermined			Unconsolidated bioclastic deposit, with large pieces of coral encrusted by thick CCA, in a coarse-grained sand matrix rich in coralline algae, gastropods and corals..
	Coralline algae;Montipora-platy;Echinoderm;Gastropod;Mollusc	bioerosion;encrustation - multilayered	5Y 6/1	Boundstone of platy and branching coral, altered, with thin CCA crusts and thin microbialite crusts, structureless. Biodetrital sediment with FCA, gastropods, and echinoid spines..
	Coralline algae;Porites-undetermined;Montipora-platy	bioerosion;fragmentation;encrustation - multilayered	5Y 6/1	Fall-in with Porites fragments, with thin algal crusts and thin microbialite crusts.
	Coralline algae;Porites-undetermined;Montipora-platy	bioerosion;fragmentation;encrustation - multilayered	5Y 6/1	Fall-in with Porites fragments, with thin algal crusts and thin microbialite crusts.
	Porites-columnar;Coralline algae	fragmentation;bioerosion	N9;5Y 8/4	Large fragments of columnar Porites with thin CCA crusts and thin microbialite crusts in a bioclastic matrix.
	Coralline algae;Porites-undetermined;Montipora-platy;Montipora-undetermined;Mollusc;Coral-undetermined;Vermetidae;Homotrema	fragmentation;bioerosion	N9;5Y 8/4	Large fragments of platy Montipora and Porites with thin CCA crusts, with vermetids and Homotrema, and very thin microbialite crusts in a bioclastic matrix with molluscs, coralline algae (including rhodoliths), and coral fragments.

VCD legend

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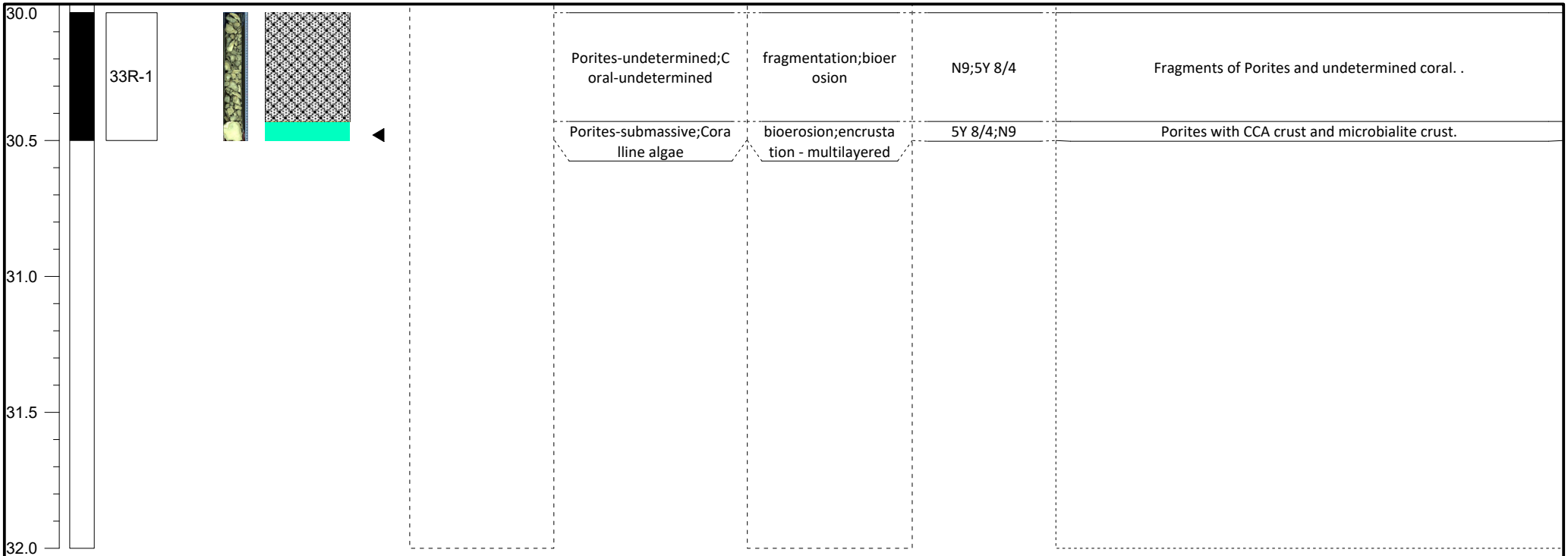
Site: M0108B

Hole M0108B

Region: Mahukona
Water Depth: 1177.2 m



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