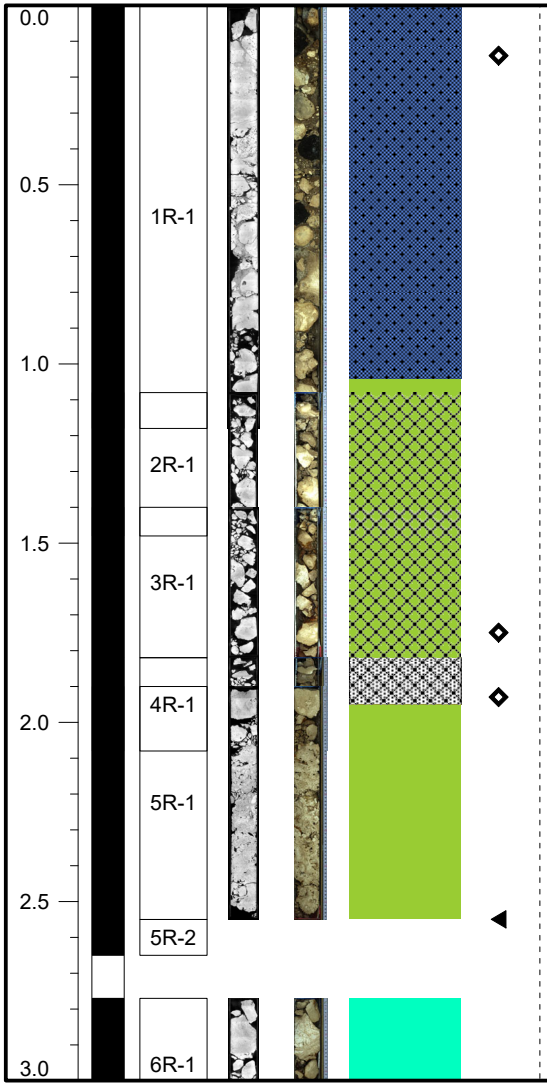
IODP Expedition 389 VCD
Site: M0097A

Hole M0097A

Region: Kawaihae
Water Depth: 414.2 m



Grain size	Fossils	Taphonomy	Color	Visual core description
fine sand;very fine gravel;cobble;very coarse gravel;coarse gravel;medium gravel;fine gravel;very coarse sand;coarse sand;medium sand	Porites-undetermined;Porites-branching;Cyphastrea-undetermined;Coralline algae	bioerosion;encrustation - multilayered	5Y 7/2;10YR 6/2;N9;N2	Poorly sorted conglomerate of coralgal and basaltic pebble to cobble-sized grains (including one rhodolith) ; matrix of fine sand to granules composed of bioclasts and few volcanic grains. Bioclasts are composed of CCA, shells, bryozoans, pteropods, echinoid spines. The basalt is aphanitic with few phenocrysts (olivine?), medium-sized, rounded, not coalesced bubbles. .
	Leptoseris-encrusting;Homotrema	encrustation - multilayered;bioerosion	5Y 7/2;N9	Fragmented coralgal boundstone.
	Homotrema;Vermetidae;Porites-undetermined	encrustation - multilayered;bioerosion	5Y 7/2;N9;10YR 6/2	Fragments of corals, CCA, and fine matrix.
	Homotrema;Porites-undetermined;Porites-branching;Gastropod	encrustation - multilayered;bioerosion	5Y 7/2;N9;10YR 6/2	Fragments of corals, CCA (including rhodolith), and fine matrix.
			5Y 7/2;N9;10YR 6/2;N3	Disturbed interval with redrilled piece and piece of basalt.
	Porites-undetermined;Coral-branching;Cyphastrea-undetermined;Homotrema;Vermetidae;Gastropod;Bivalve;Echinoderm;Coralline algae	bioerosion;encrustation - multilayered	5Y 7/2;N9;10YR 6/2	Coralgal boundstone. Below 14 cm: change in abundance of CCA, coral species composition. Embedded in algal crusts: gastropods, bivalve shells, echinoid spines, fine branching corals (probably in situ), Cyphastrea..
	Coralline algae;Porites-undetermined		5Y 7/2;N9;10YR 6/2	Coralgal boundstone.
	Coralline algae;Vermetidae;Porite	encrustation -	N9;10YR 8/2	Boundstone with thick algal crusts, corals, and structureless

VCD legend

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Facies
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- FRW-CorAlgMicrobBound
- FRW-MicrobAlgBound
- FRW-MicrobBound
- FRW-AlgBound
- RDST/FLST-Rhodoliths
- DET-Consolidated
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- Mixed-carb/vol
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IODP Samples
- Dating
- GEOCHEM
- IWRH
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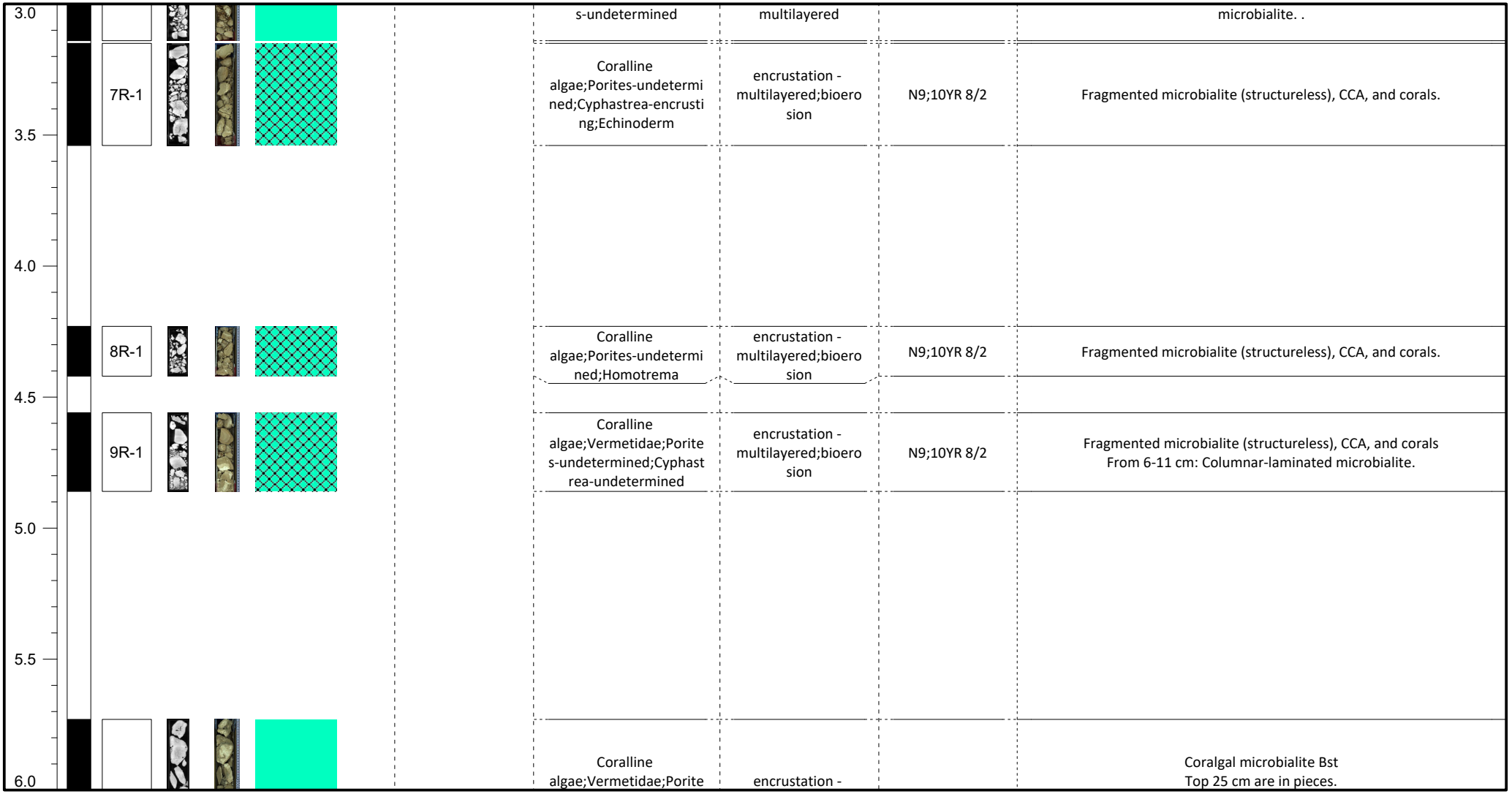

Depth (mbsf)	Core recovery	Curated sections	XCT scan image	Line scan image	Facies	IODP samples	Grain size	Fossils	Taphonomy	Color	Visual core description
								s-undetermined	multilayered		microbialite. .
		7R-1						Coralline algae;Porites-undetermined;Cyphastrea-encrusting;Echinoderm	encrustation - multilayered;bioerosion	N9;10YR 8/2	Fragmented microbialite (structureless), CCA, and corals.
		8R-1						Coralline algae;Porites-undetermined;Homotrema	encrustation - multilayered;bioerosion	N9;10YR 8/2	Fragmented microbialite (structureless), CCA, and corals.
		9R-1						Coralline algae;Vermetidae;Porites-undetermined;Cyphastrea-undetermined	encrustation - multilayered;bioerosion	N9;10YR 8/2	Fragmented microbialite (structureless), CCA, and corals From 6-11 cm: Columnar-laminated microbialite.
								Coralline algae;Vermetidae;Porite	encrustation -		Coralgal microbialite Bst Top 25 cm are in pieces.

3.0
3.5
4.0
4.5
5.0
5.5
6.0

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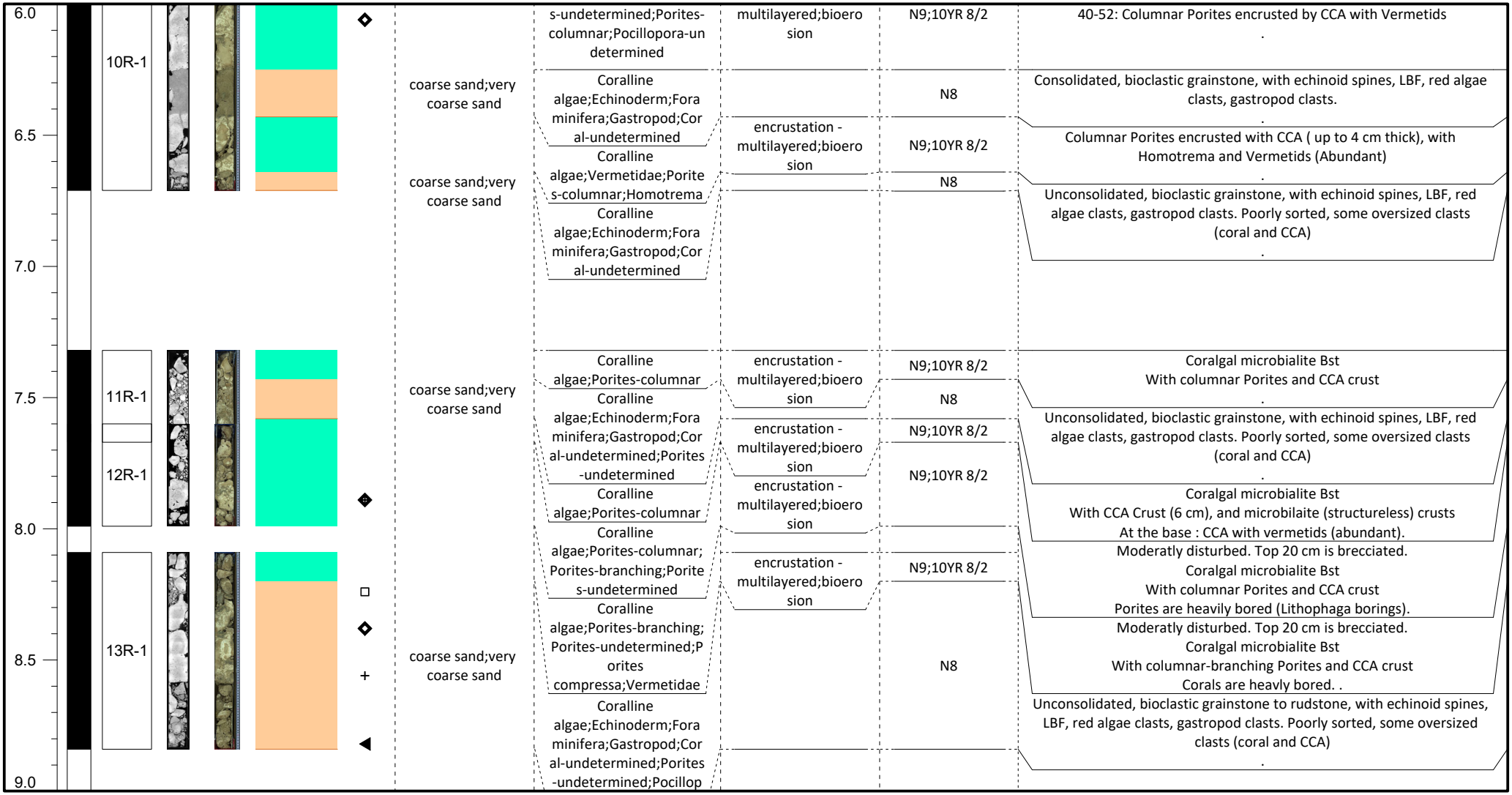

Grain size	Fossils	Taphonomy	Color	Visual core description
	s-undetermined;Porites-columnar;Pocillopora-undetermined	multilayered;bioerosion	N9;10YR 8/2	40-52: Columnar Porites encrusted by CCA with Vermetids .
coarse sand;very coarse sand	Coralline algae;Echinoderm;Foraminifera;Gastropod;Coral-undetermined		N8	Consolidated, bioclastic grainstone, with echinoid spines, LBF, red algae clasts, gastropod clasts. .
		encrustation - multilayered;bioerosion	N9;10YR 8/2	Columnar Porites encrusted with CCA (up to 4 cm thick), with Homotrema and Vermetids (Abundant) .
coarse sand;very coarse sand	Coralline algae;Vermetidae;Porites-columnar;Homotrema		N8	
	Coralline algae;Echinoderm;Foraminifera;Gastropod;Coral-undetermined			Unconsolidated, bioclastic grainstone, with echinoid spines, LBF, red algae clasts, gastropod clasts. Poorly sorted, some oversized clasts (coral and CCA) .
coarse sand;very coarse sand	Coralline algae;Porites-columnar	encrustation - multilayered;bioerosion	N9;10YR 8/2	Coralgal microbialite Bst With columnar Porites and CCA crust .
	Coralline algae;Echinoderm;Foraminifera;Gastropod;Coral-undetermined;Porites-undetermined		N8	
		encrustation - multilayered;bioerosion	N9;10YR 8/2	Unconsolidated, bioclastic grainstone, with echinoid spines, LBF, red algae clasts, gastropod clasts. Poorly sorted, some oversized clasts (coral and CCA) .
	Coralline algae;Porites-columnar	encrustation - multilayered;bioerosion	N9;10YR 8/2	Coralgal microbialite Bst With CCA Crust (6 cm), and microbilaite (structureless) crusts At the base : CCA with vermetids (abundant).
	Coralline algae;Porites-columnar;Porites-branching;Porites-undetermined	encrustation - multilayered;bioerosion	N9;10YR 8/2	Moderatly disturbed. Top 20 cm is brecciated. Coralgal microbialite Bst With columnar Porites and CCA crust Porites are heavily bored (Lithophaga borings).
coarse sand;very coarse sand	Coralline algae;Porites-branching;Porites-undetermined;Porites compressa;Vermetidae		N8	Moderatly disturbed. Top 20 cm is brecciated. Coralgal microbialite Bst With columnar-branching Porites and CCA crust Corals are heavly bored. .
	Coralline algae;Echinoderm;Foraminifera;Gastropod;Coral-undetermined;Porites-undetermined;Pocillop			Unconsolidated, bioclastic grainstone to rudstone, with echinoid spines, LBF, red algae clasts, gastropod clasts. Poorly sorted, some oversized clasts (coral and CCA) .

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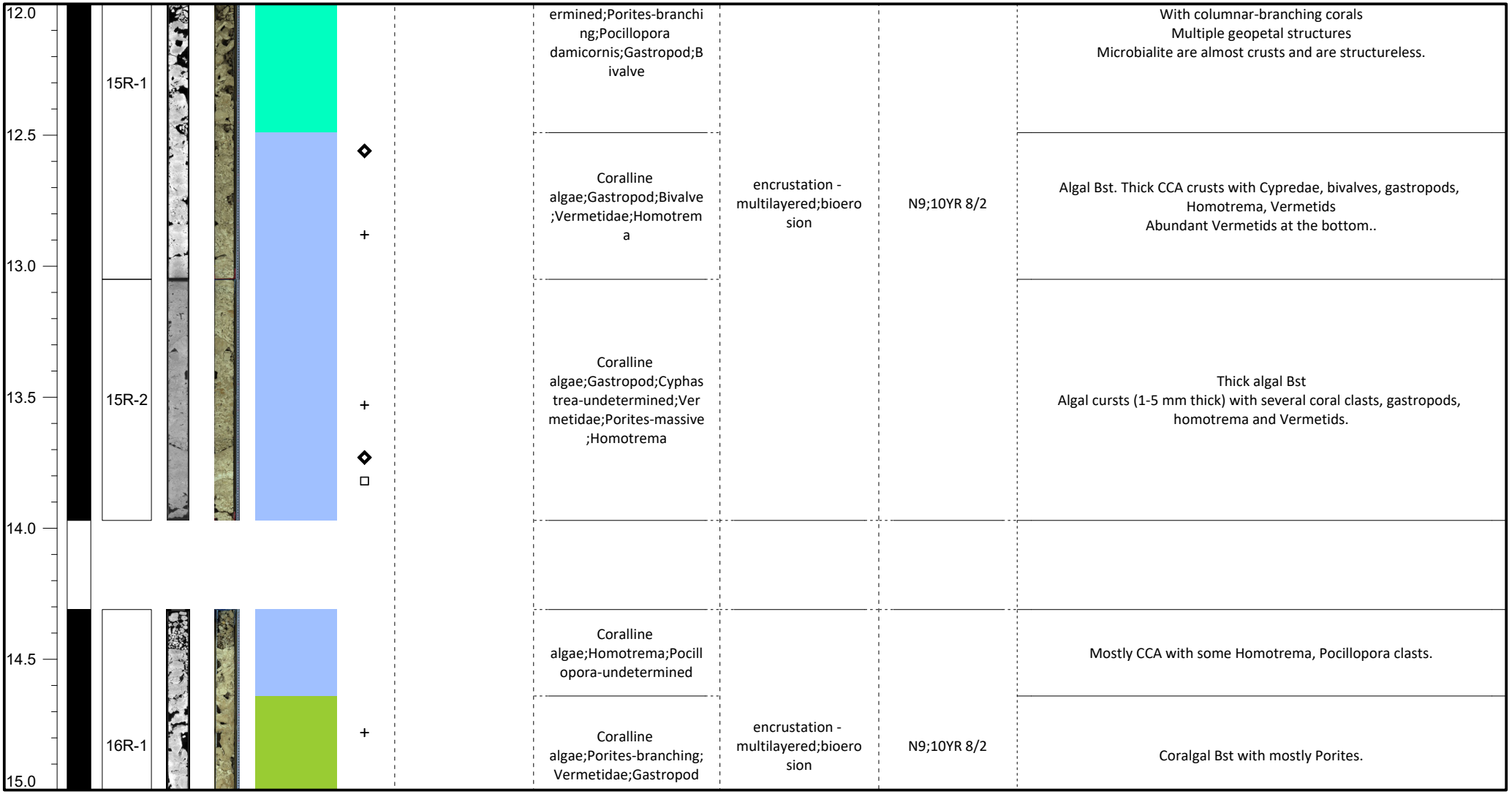

Grain size	Fossils	Taphonomy	Color	Visual core description
	ermined;Porites-branching;Pocillopora damicornis;Gastropod;Bivalve			With columnar-branching corals Multiple geopetal structures Microbialite are almost crusts and are structureless.
	Coralline algae;Gastropod;Bivalve;Vermetidae;Homotrema	encrustation - multilayered;bioerosion	N9;10YR 8/2	Algal Bst. Thick CCA crusts with Cypredae, bivalves, gastropods, Homotrema, Vermetids Abundant Vermetids at the bottom..
	Coralline algae;Gastropod;Cyphastrea-undetermined;Vermetidae;Porites-massive;Homotrema			Thick algal Bst Algal cursts (1-5 mm thick) with several coral clasts, gastropods, homotrema and Vermetids.
	Coralline algae;Homotrema;Pocillopora-undetermined			Mostly CCA with some Homotrema, Pocillopora clasts.
	Coralline algae;Porites-branching;Vermetidae;Gastropod	encrustation - multilayered;bioerosion	N9;10YR 8/2	Coralgal Bst with mostly Porites.

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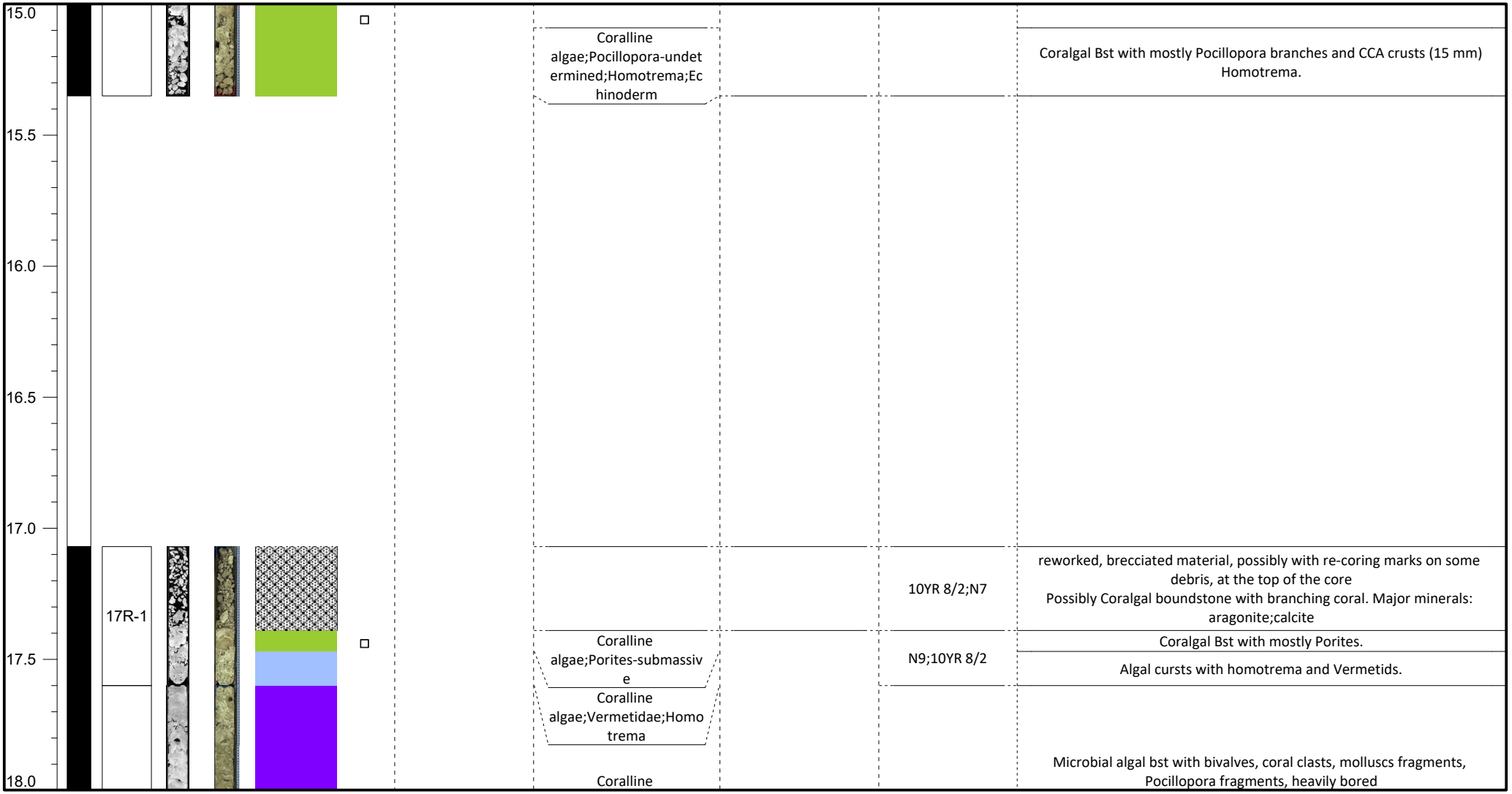

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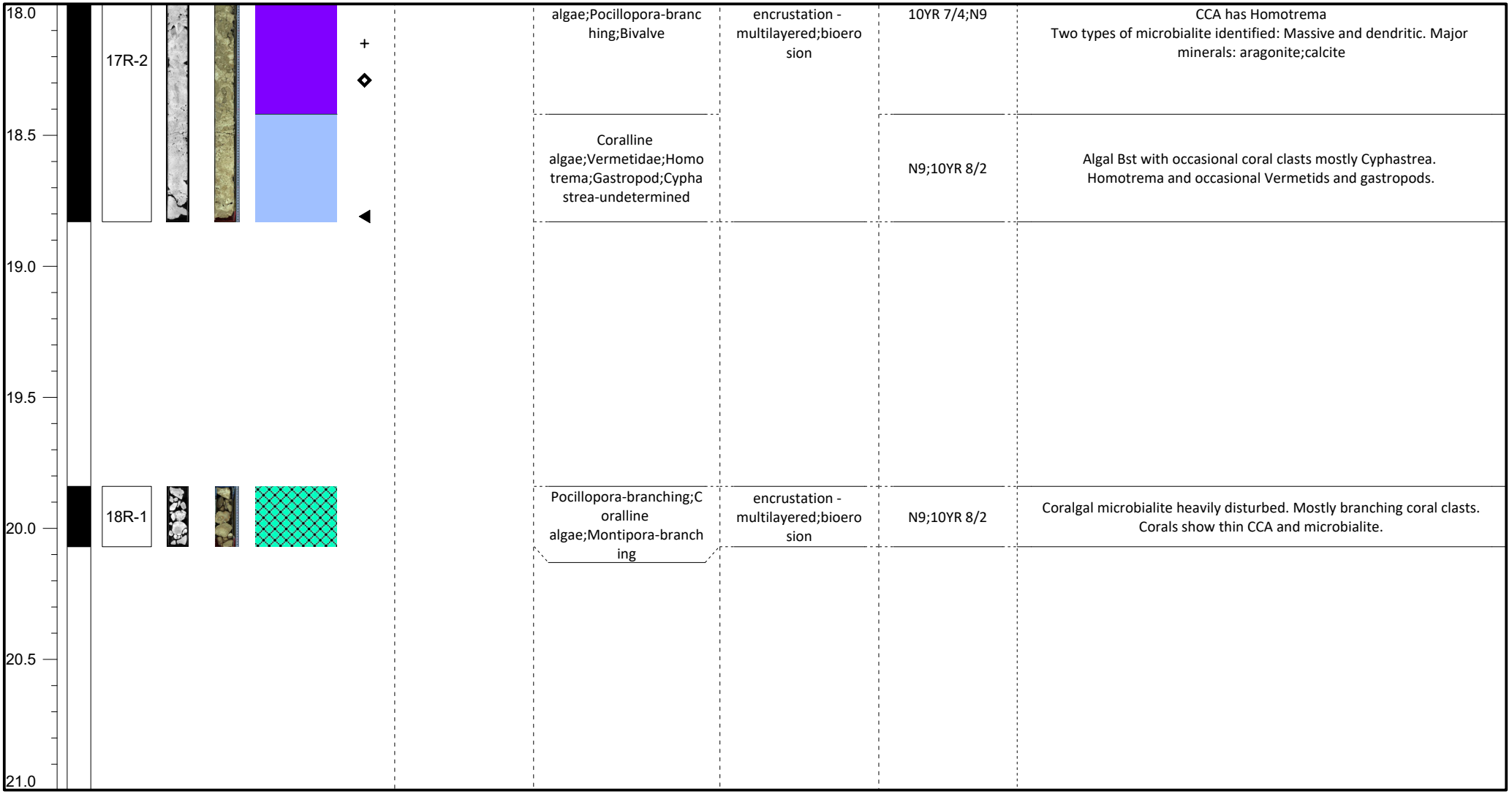

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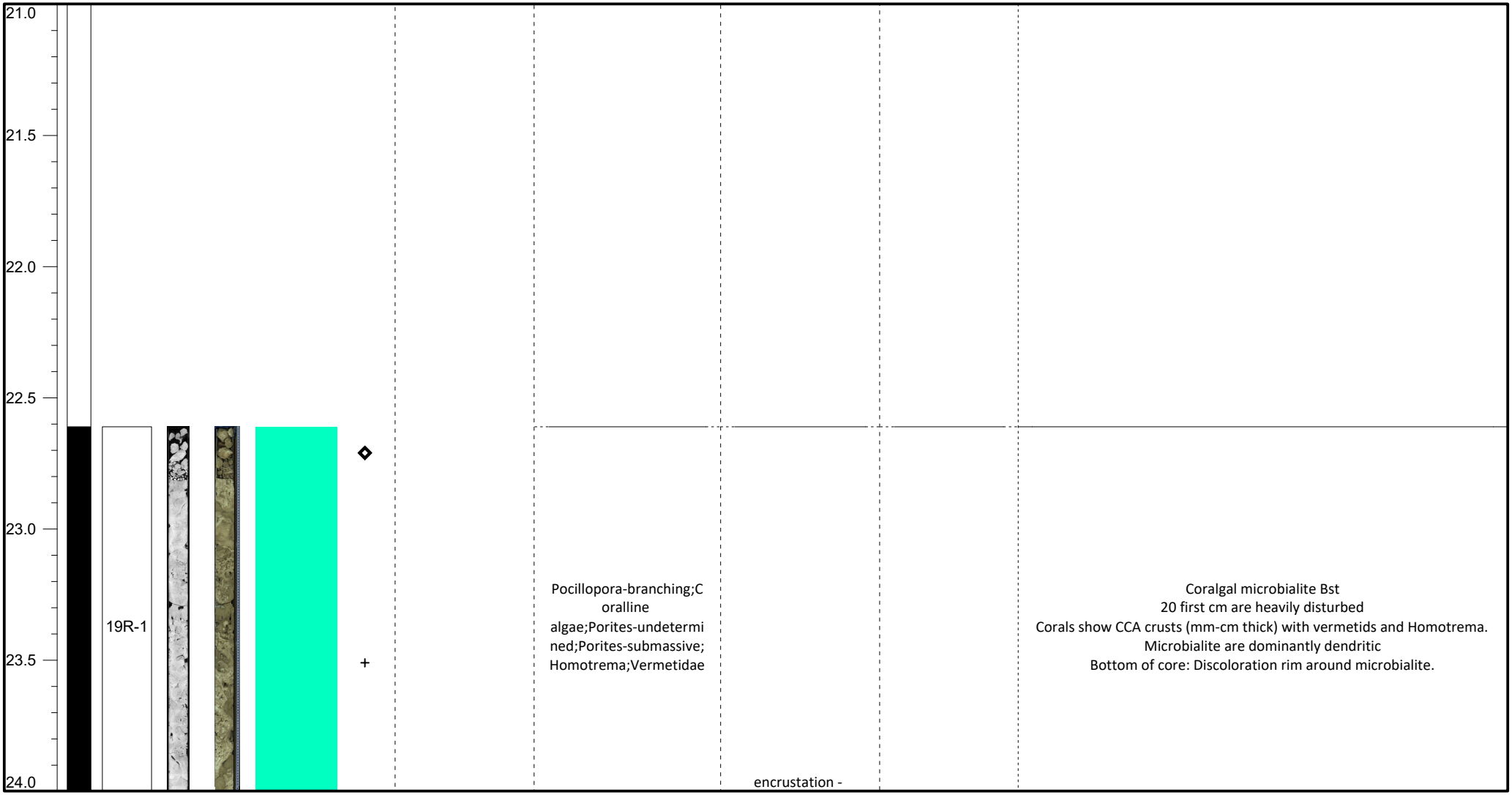

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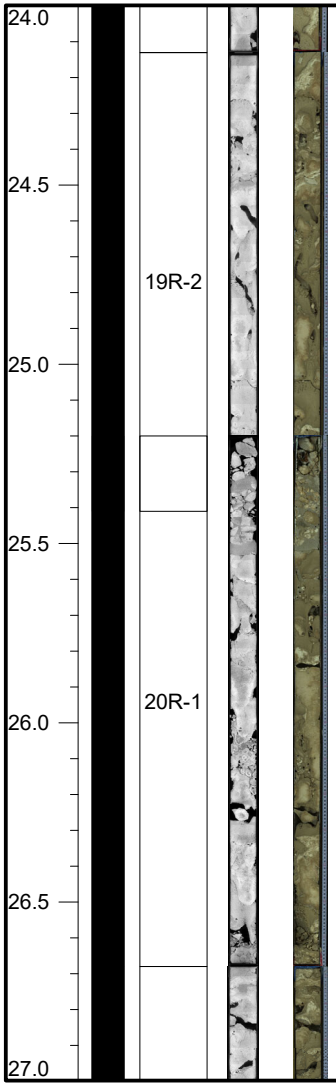

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		multilayered;bioerosion	N9;10YR 8/2	
	Coralline algae;Porites-columnar;Porites-branching;Pocillopora-branching;Bivalve;Echinoderm			Coralgal microbialite Bst Corals show CCA crusts (mm-cm thick). Microbialite are colunar (laminated) and dendritic Some Discoloration contact at microbialite and CCA contact At 35 cm: Soft ediment in cavities At 110 cm: Infill is unconsolidated soft sediment.
	Coralline algae;Porites-columnar;Porites-branching;Pocillopora-branching;Echinoderm;Gastropod;Vermetidae;Homotrema	encrustation - multilayered;bioerosion	N9;10YR 8/2	Coralgal microbialite Bst 0-31 brecciated top with fragments of CCA, Pocillopora, Porites, microbialite, in a soft unconsolidated fine sandy matrix. 31-64 Mostly branching porites and occasionally pocillopora encrusted by columnar microbialite. Microbilites are occasionally encrusting gastropods, CCA and echinoids. 64-105 Large columnar Porites with thin irregular CCA crust, encrusted by microbialite. Some pieces of pocillopora within microbialite. 105-130 Columnar Porites encrusted by CCA, thqt is encrusted by columnar laminar to dendritic microbialite. 130-140 Dominantly laminar to dendritic microbialite encrusting CCA. 140-150 small brqnches of porites in unconsolidated sediment.

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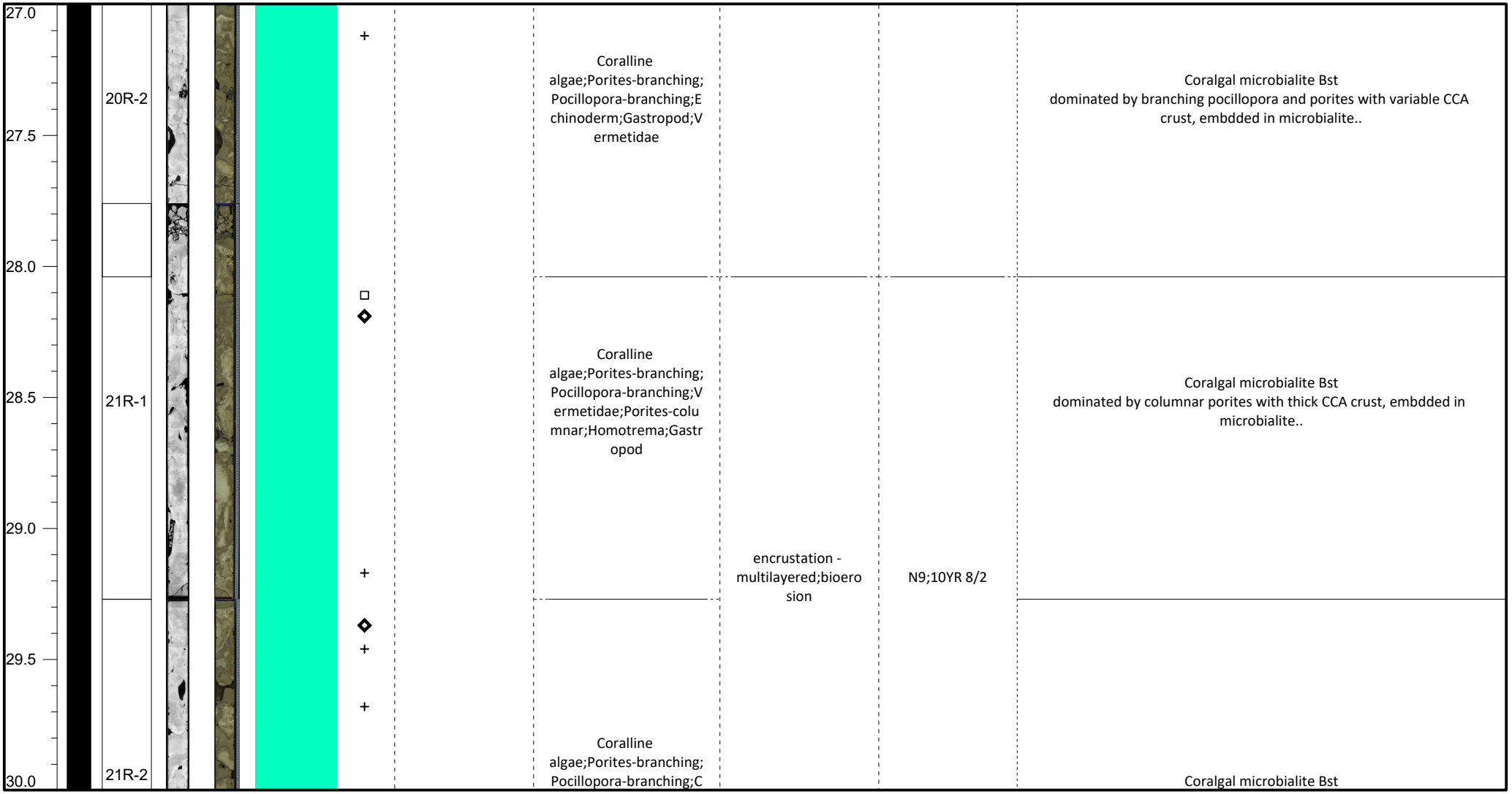

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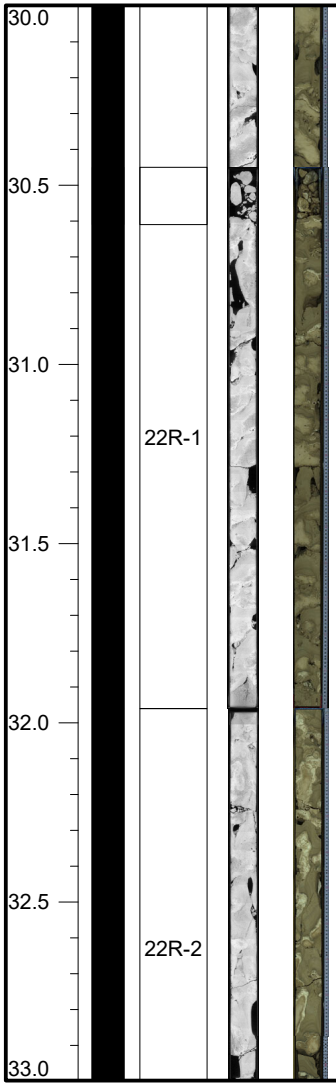

Grain size	Fossils	Taphonomy	Color	Visual core description
	yphastrea-undetermined;Porites-massive			: complex assemblage of coral, CCA crust embdded in microbialite..
	Porites-laminar;Porites-branching;Pocillopora-branching;Porites-submassive;Porites-massive;Coralline algae;Echinoderm;Homotrema;Vermetidae;Mollusc	encrustation - multilayered;bioerosion	N9;5Y 8/1;5Y 7/2	Framework of corals, CCA, and microbialite. Microbialite massive transitioning to dendritic (internally laminated). Only little detritus (shells). CCA crusts associated with some vermetids and Homotrema. Microbialite do not fill voids completely. Some cavities remaining. .
	Porites-branching;Pocillopora-branching;Porites-submassive;Coralline algae;Homotrema;Vermetidae;Porites-columnar;Porites-encrusting			Framework of corals, mostly Porites, CCA on corals, and microbialite. Microbialite massive up to 10 cm thick (internally laminated). Only few cavities remaining. CCA crusts associated with some vermetids and Homotrema. Microbialite do not fill voids completely. .

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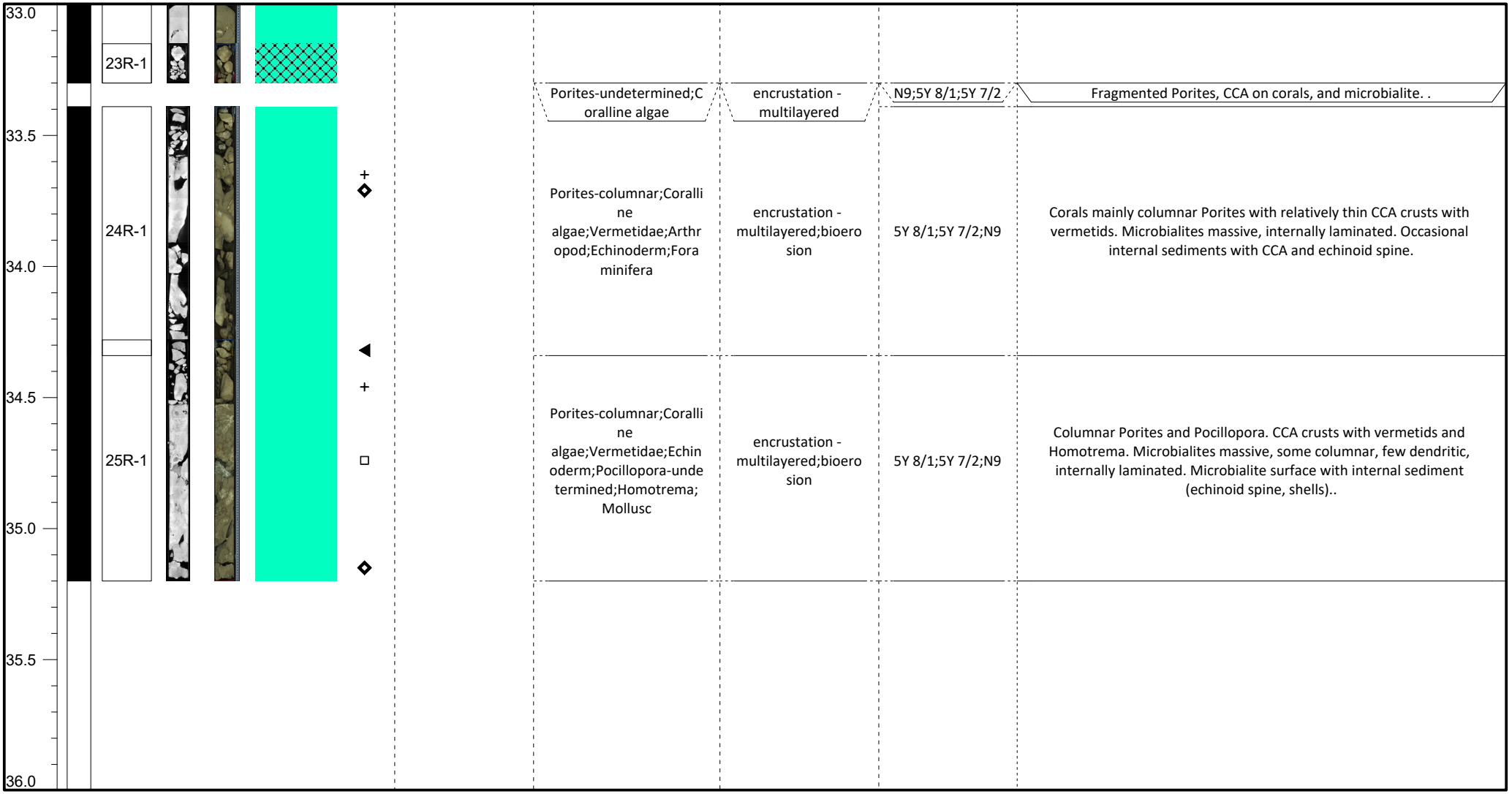

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	Porites-undetermined;Coralline algae	encrustation - multilayered	N9;5Y 8/1;5Y 7/2	Fragmented Porites, CCA on corals, and microbialite. .
	Porites-columnar;Coralline algae;Vermetidae;Arthropod;Echinoderm;Foraminifera	encrustation - multilayered;bioerosion	5Y 8/1;5Y 7/2;N9	Corals mainly columnar Porites with relatively thin CCA crusts with vermetids. Microbialites massive, internally laminated. Occasional internal sediments with CCA and echinoid spine.
	Porites-columnar;Coralline algae;Vermetidae;Echinoderm;Pocillopora-undetermined;Homotrema;Mollusc	encrustation - multilayered;bioerosion	5Y 8/1;5Y 7/2;N9	Columnar Porites and Pocillopora. CCA crusts with vermetids and Homotrema. Microbialites massive, some columnar, few dendritic, internally laminated. Microbialite surface with internal sediment (echinoid spine, shells)..

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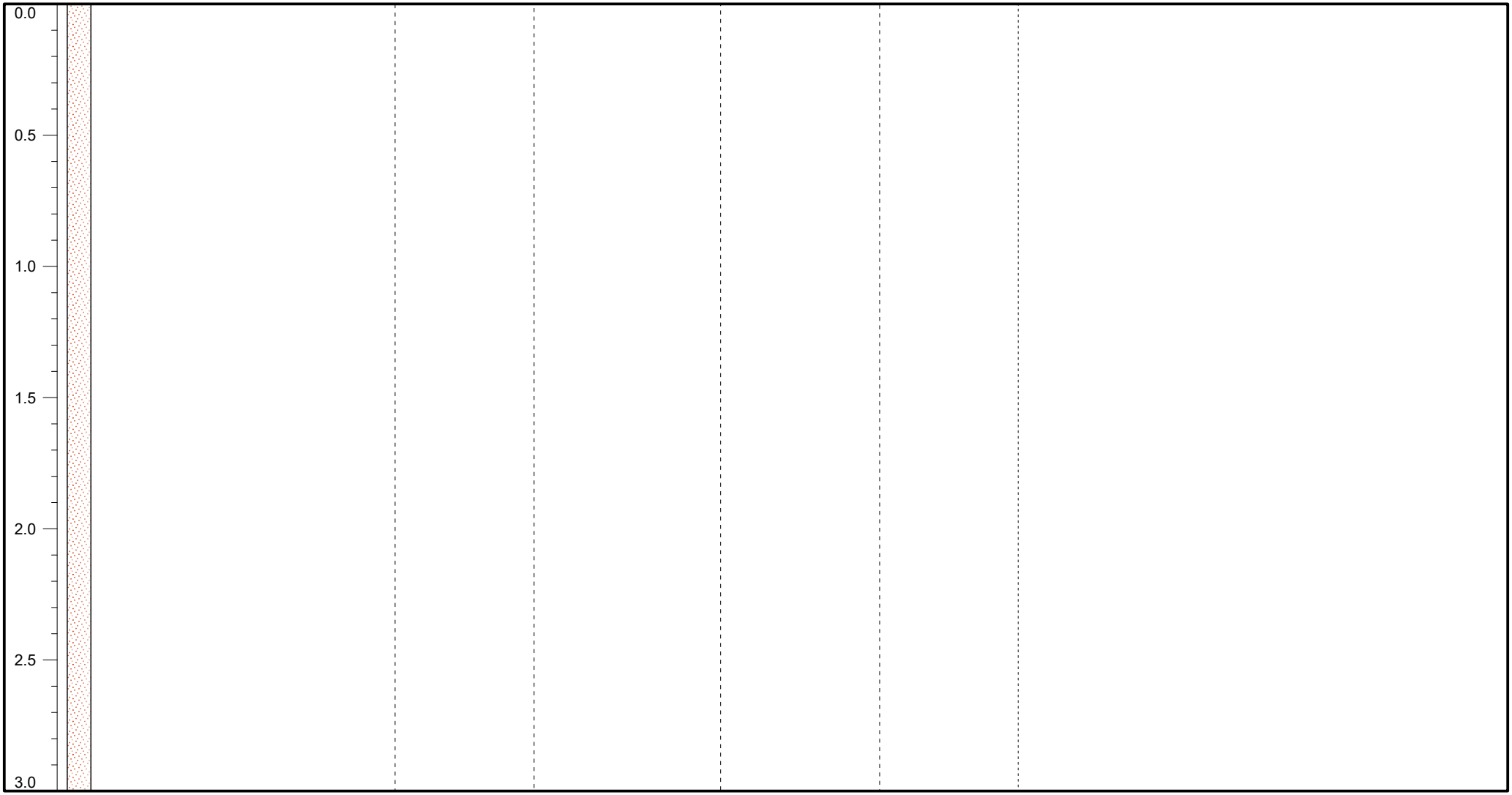

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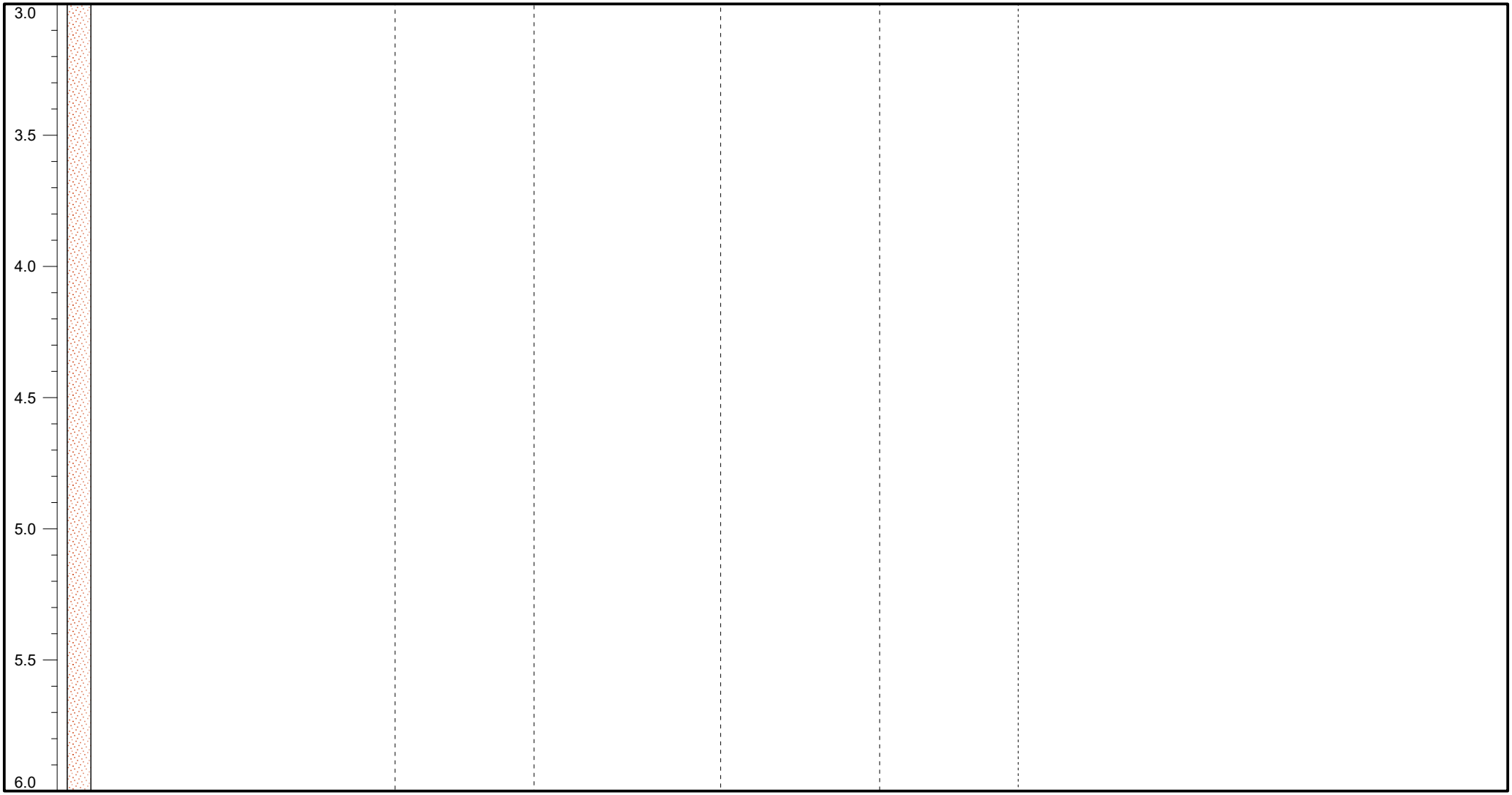

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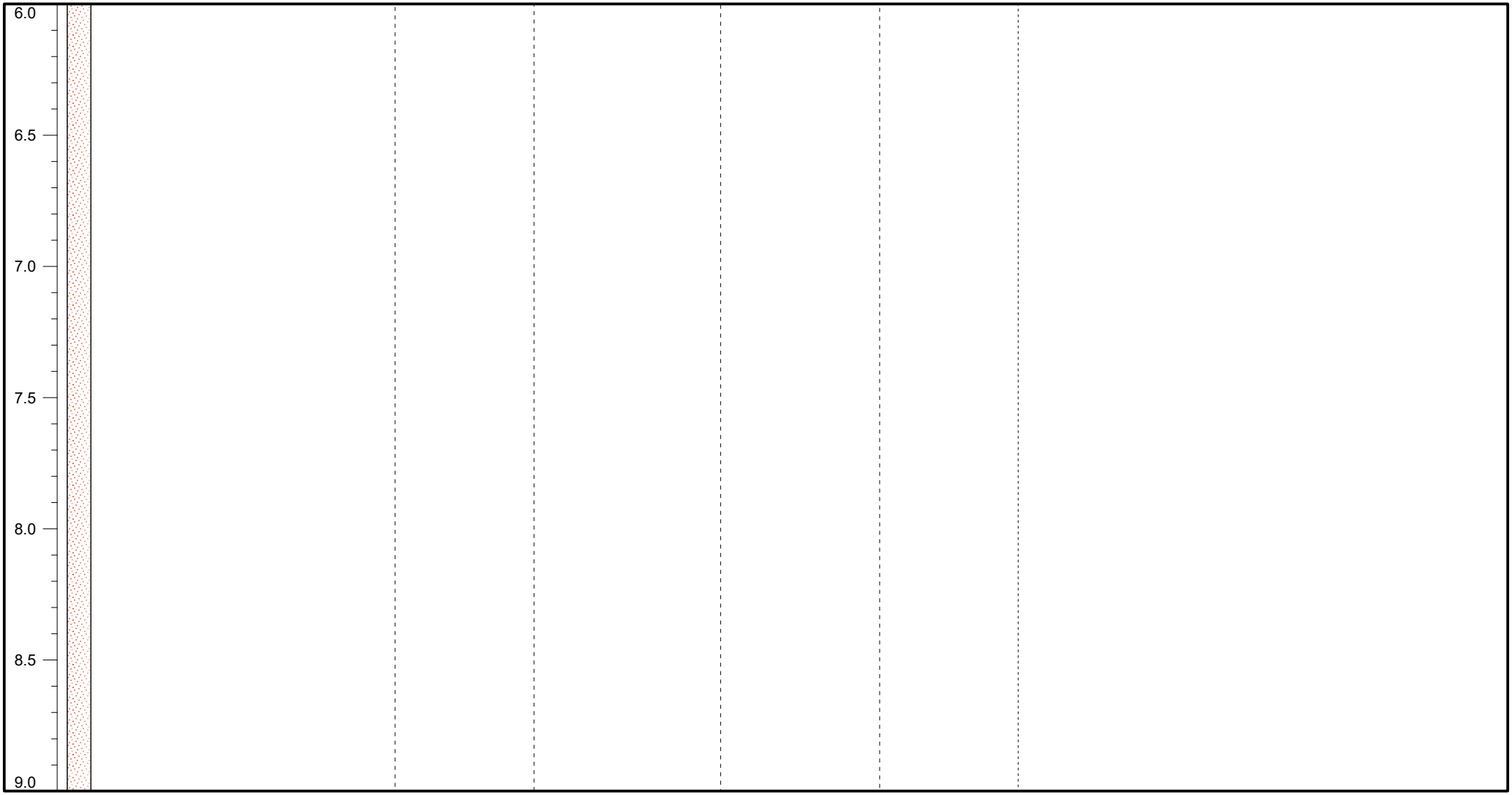

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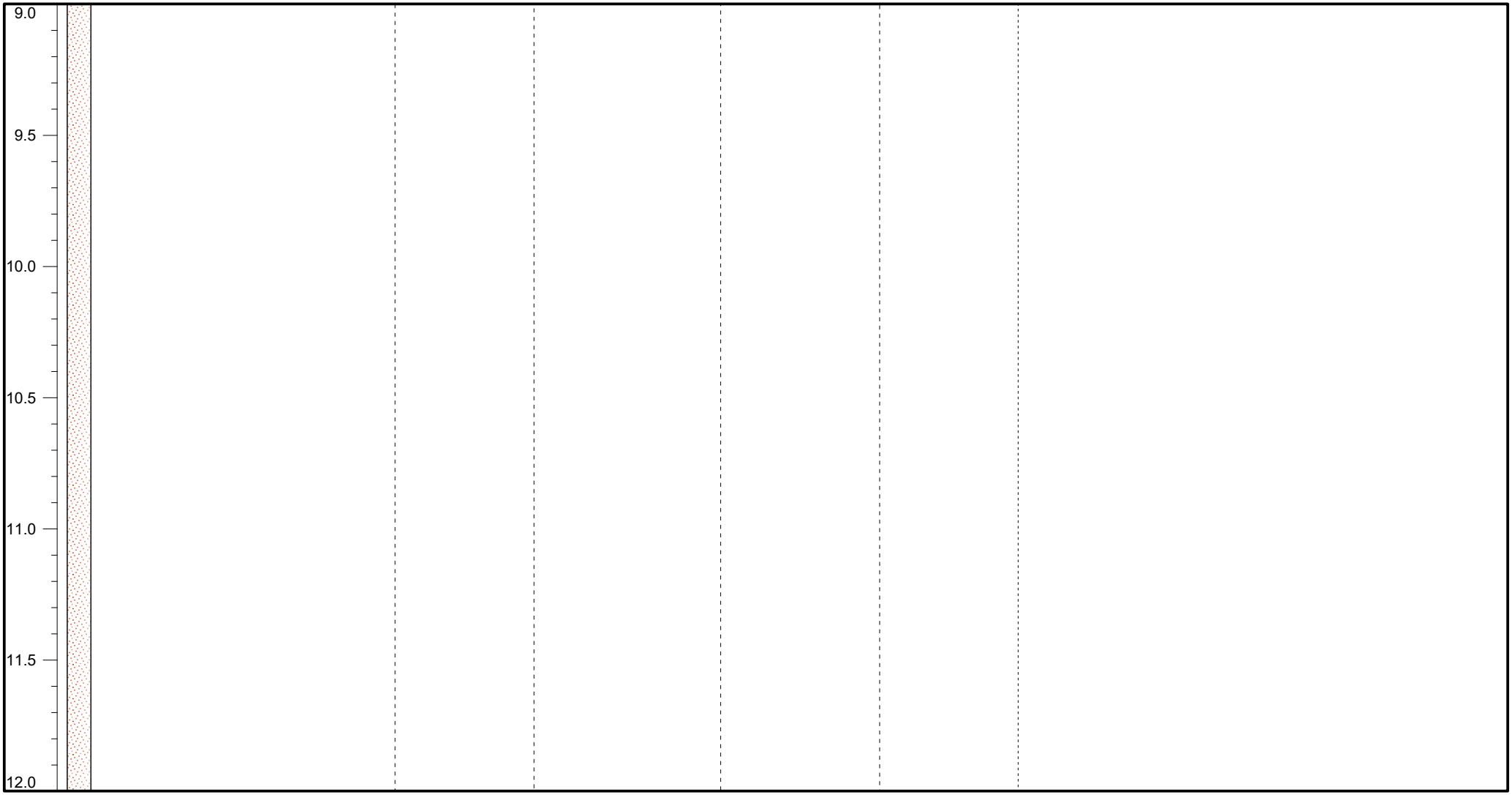
- DET-Unconsolidated
- Mixed-carb/vol
- VOL-Clast
- VOL-Basalt
- FALL

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

IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



VCD legend

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

Facies
- FRW-CorAlgBound
- FRW-CorAlgMicrobBound
- FRW-MicrobAlgBound
- FRW-MicrobBound
- FRW-AlgBound
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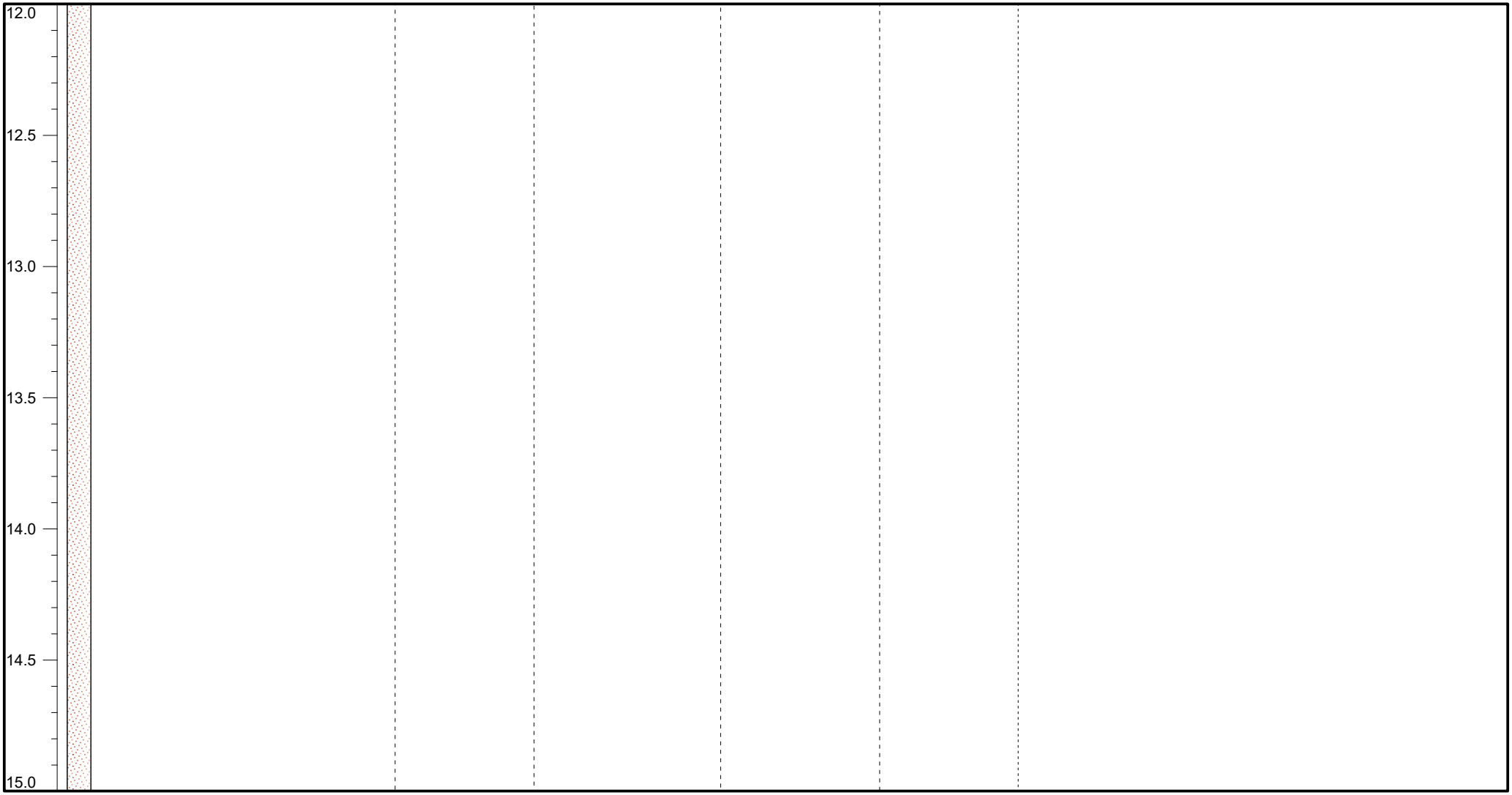
IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



VCD legend

Core recovery
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Facies
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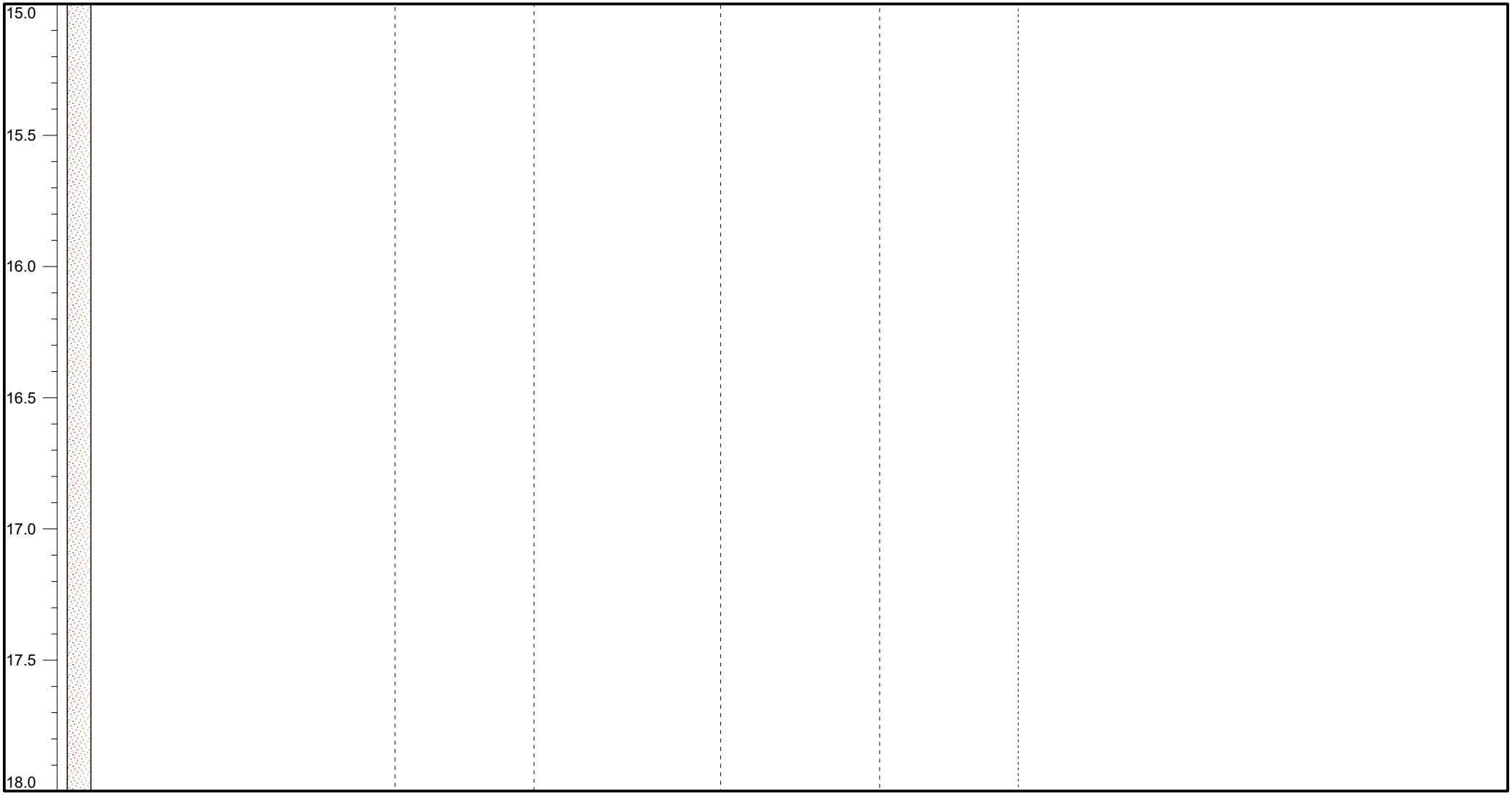
IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



VCD legend

Core recovery
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- Wash bore
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- FRW-MicrobAlgBound
- FRW-MicrobBound
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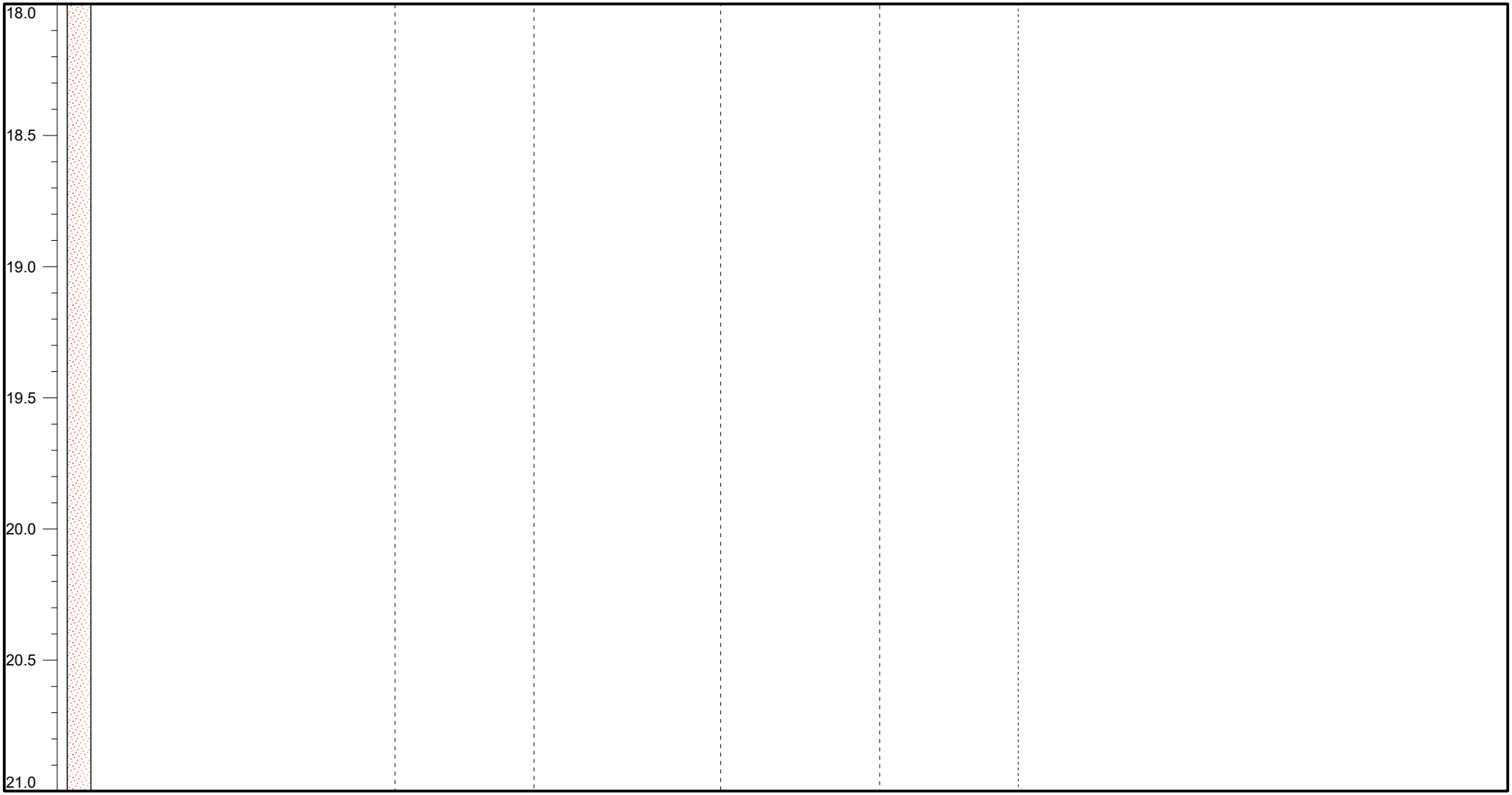
IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



VCD legend

Core recovery
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Facies
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IODP Samples
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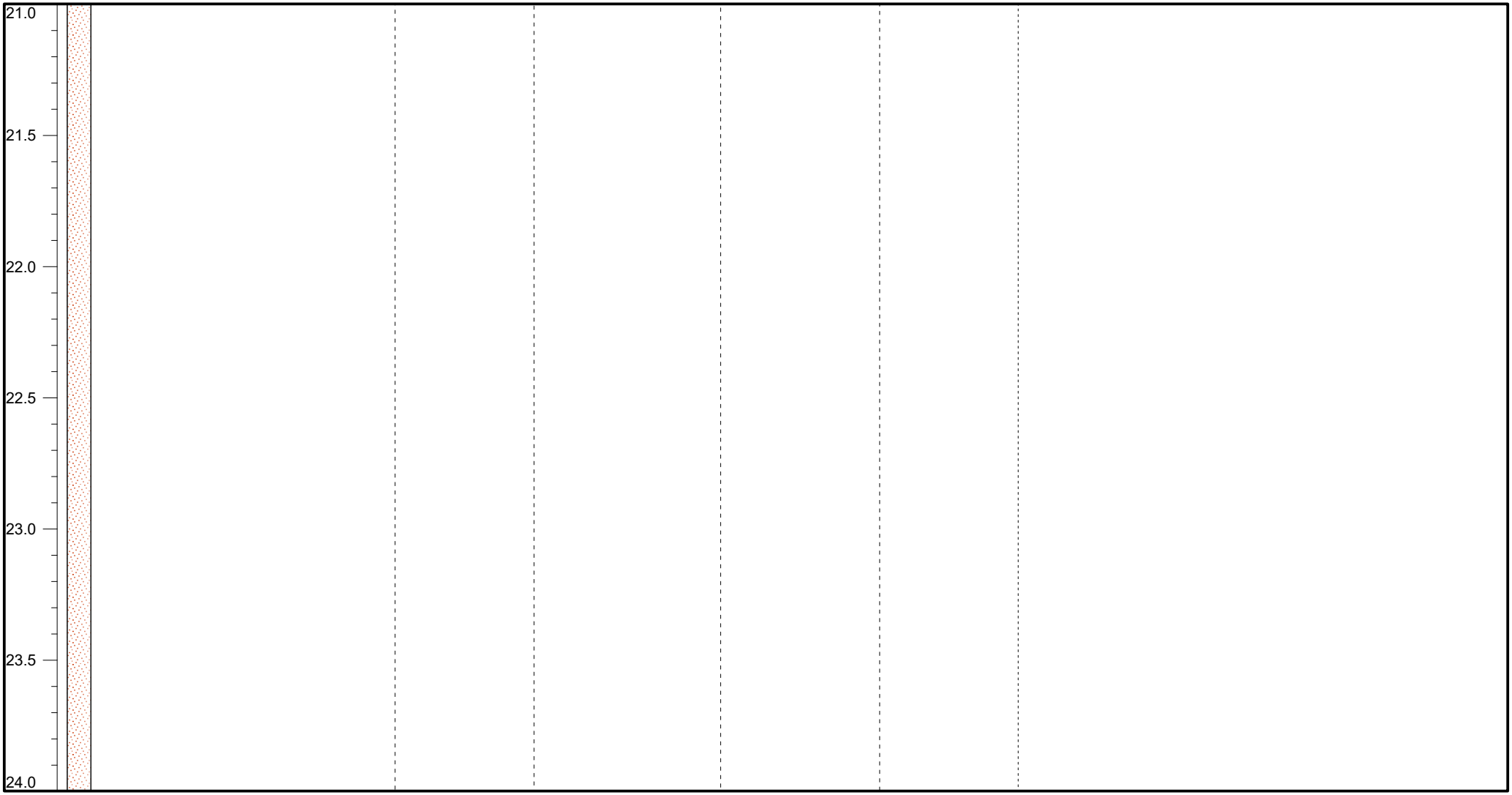
- MAD/PW
- GEOCHEM
- PMAG
- IWRH

IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



VCD legend

Core recovery
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Facies
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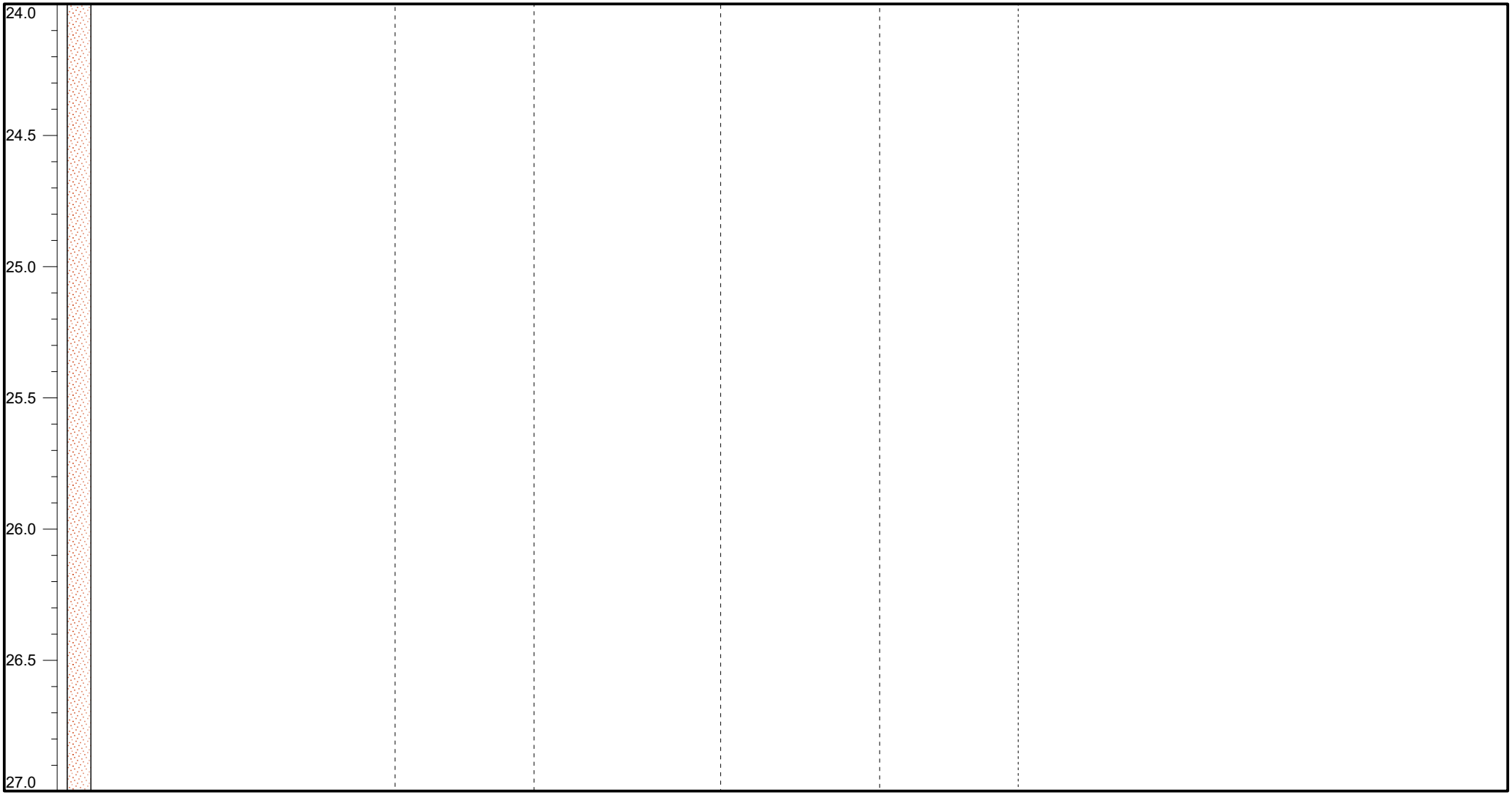
IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



VCD legend

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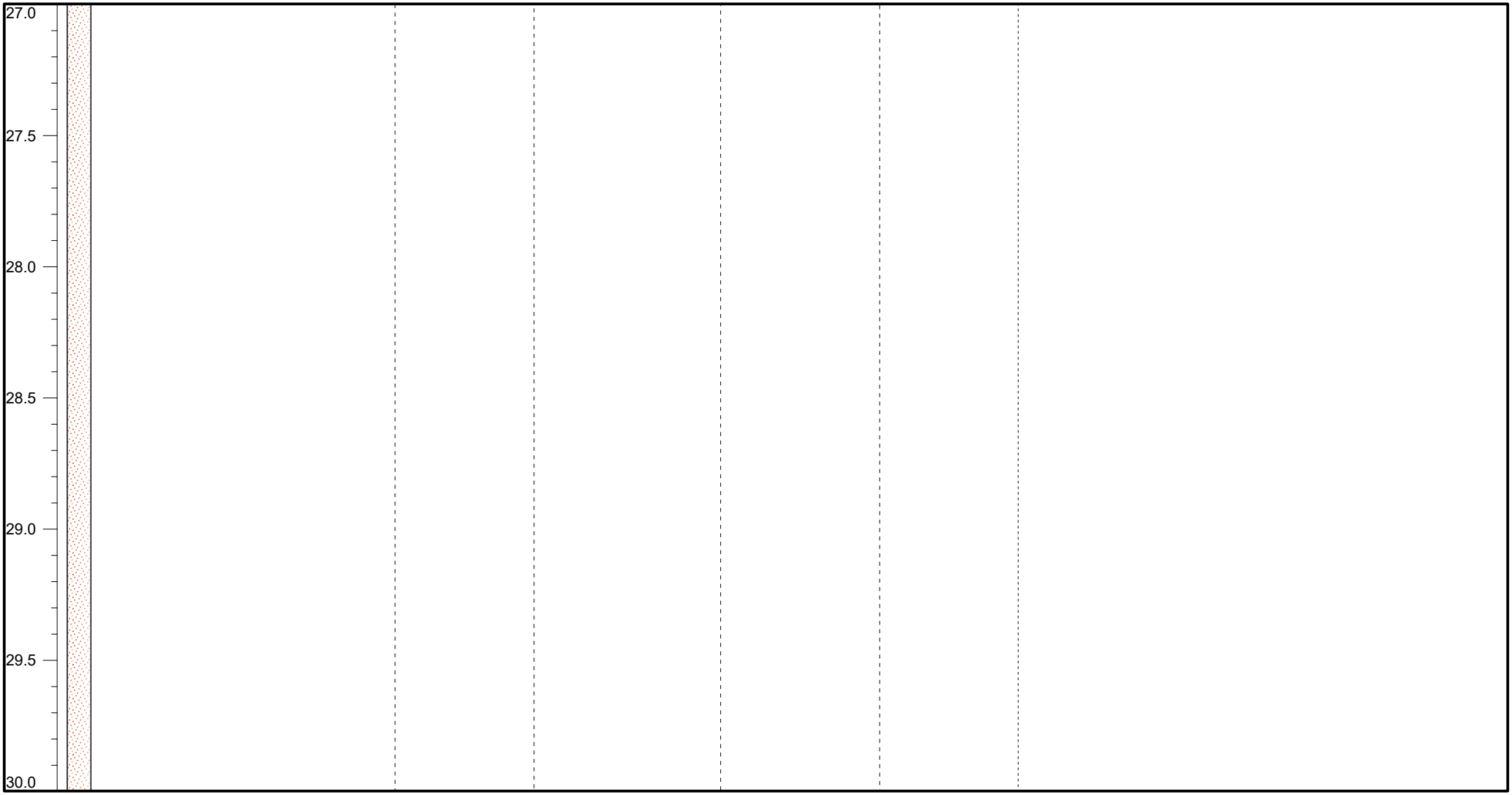
IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



VCD legend

Core recovery
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Facies
- FRW-CorAlgBound
- FRW-CorAlgMicrobBound
- FRW-MicrobAlgBound
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IODP Samples
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- MAD/PW
- GEOCHEM
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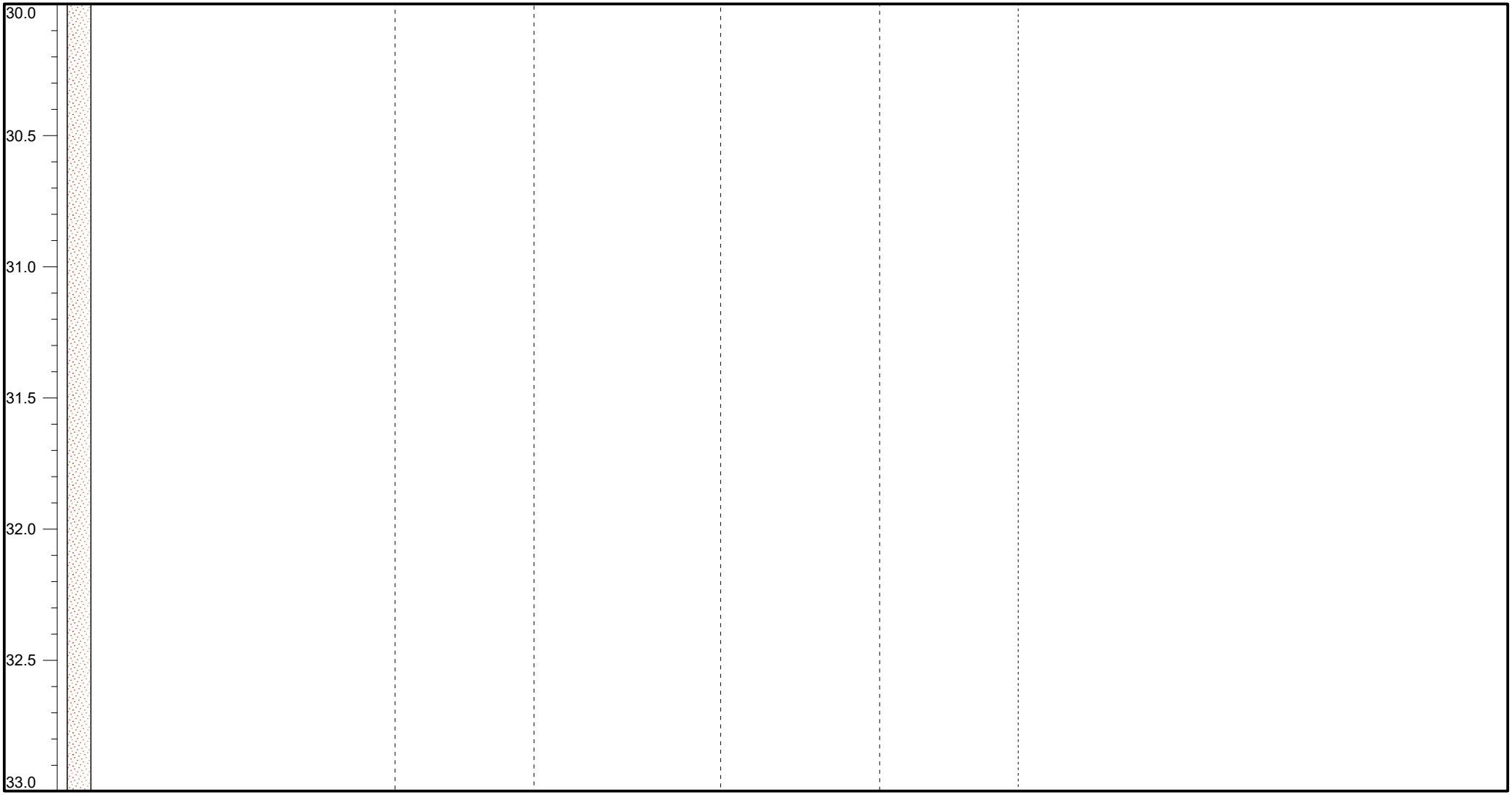
IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



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IODP Samples
- Dating
- GEOCHEM
- IWRH
- MAD/PW
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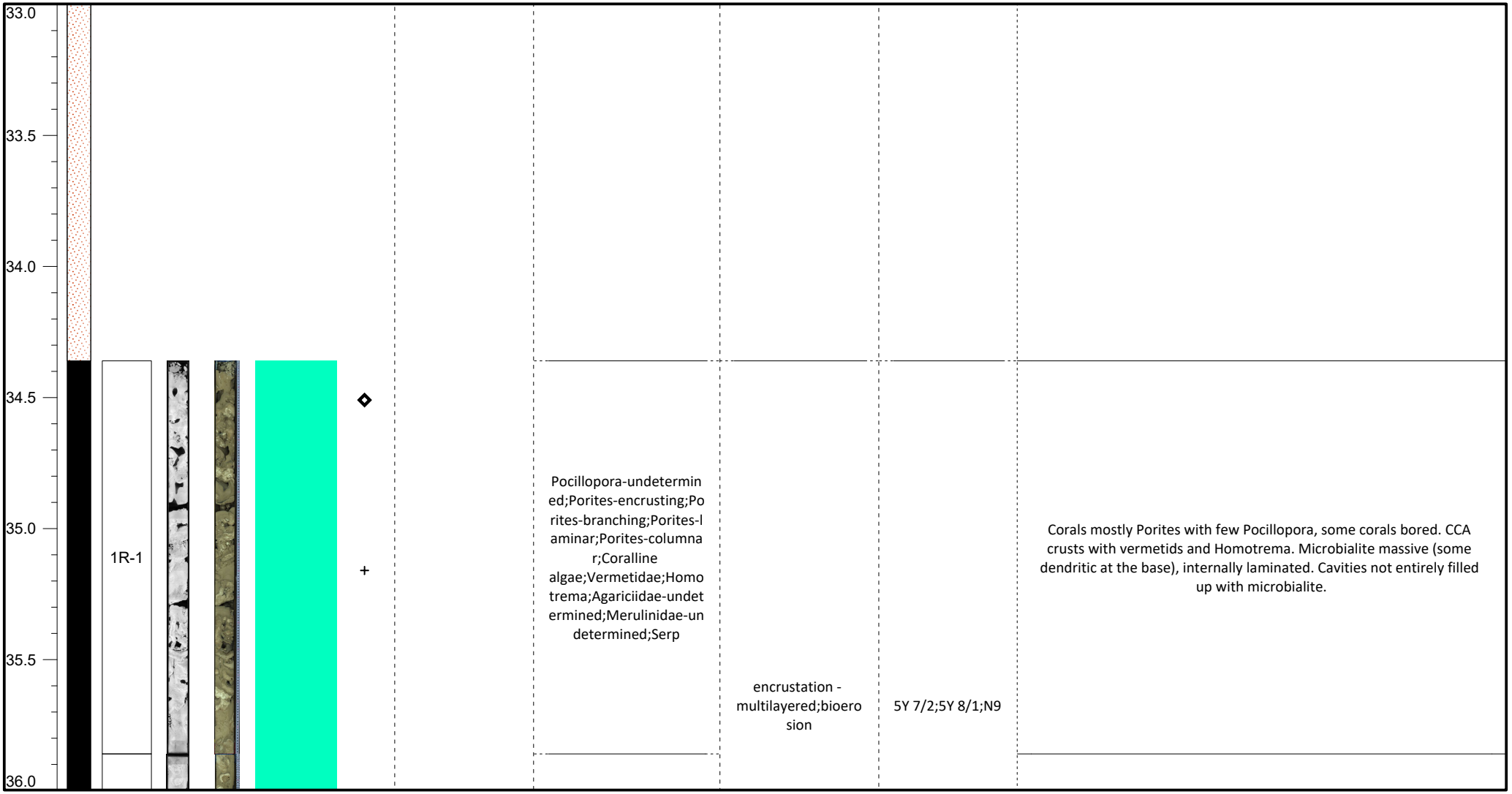
IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



VCD legend

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

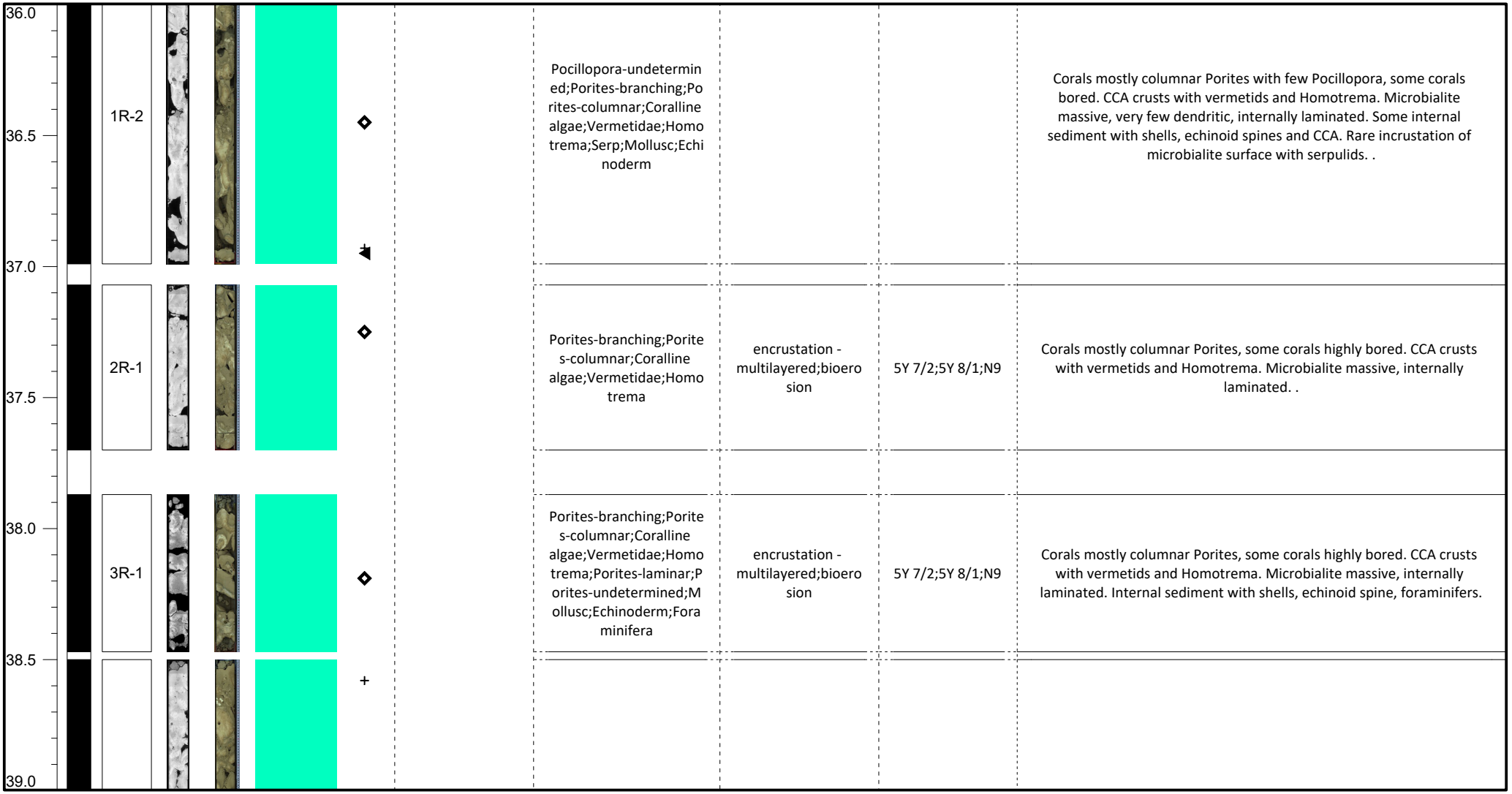
Facies
- FRW-CorAlgBound
- FRW-CorAlgMicrobBound
- FRW-MicrobAlgBound
- FRW-MicrobBound
- FRW-AlgBound
- RDST/FLST-Rhodoliths
- DET-Consolidated
- DET-Unconsolidated
- Mixed-carb/vol
- VOL-Clast
- VOL-Basalt
- FALL

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

IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Pocillopora-undetermined;Porites-branching;Porites-columnar;Coralline algae;Vermetidae;Homotrema;Serp;Mollusc;Echinoderm			Corals mostly columnar Porites with few Pocillopora, some corals bored. CCA crusts with vermetids and Homotrema. Microbialite massive, very few dendritic, internally laminated. Some internal sediment with shells, echinoid spines and CCA. Rare incrustation of microbialite surface with serpulids. .
	Porites-branching;Porites-columnar;Coralline algae;Vermetidae;Homotrema	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Corals mostly columnar Porites, some corals highly bored. CCA crusts with vermetids and Homotrema. Microbialite massive, internally laminated. .
	Porites-branching;Porites-columnar;Coralline algae;Vermetidae;Homotrema;Porites-laminar;Porites-undetermined;Mollusc;Echinoderm;Foraminifera	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Corals mostly columnar Porites, some corals highly bored. CCA crusts with vermetids and Homotrema. Microbialite massive, internally laminated. Internal sediment with shells, echinoid spine, foraminifers.

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
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- VOL-Clast
- VOL-Basalt
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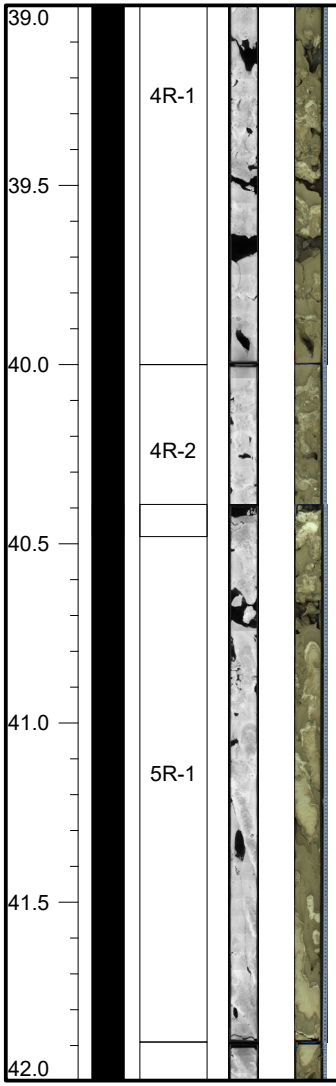
IODP Samples
- Dating
- GEOCHEM
- IWRH
- MAD/PW
- PMAG

IODP Expedition 389 VCD

Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Porites-branching;Porites-columnar;Coralline algae;Vermetidae;Homotrema;Mollusc;Echinoderm;Porites-massive;Pocillopora-undetermined;Coral-undetermined;Serp;Porites-undetermined	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Corals (Porites and Pocillopora), some corals highly bored (Entobia). CCA crusts with vermetids and Homotrema. Microbialite massive, internally laminated, transitioning to dendritic towards the cavities. Internal sediment with shells, echinoid spines.
	Porites-branching;Porites-columnar;Coralline algae;Vermetidae;Homotrema;Pocillopora-undetermined;Serp			Corals (Porites and Pocillopora), some corals highly bored (Entobia). CCA crusts with vermetids and Homotrema. Microbialite massive, internally laminated. .
	Porites-branching;Porites-columnar;Coralline algae;Vermetidae;Homotrema;Pocillopora-undetermined	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Corals (Porites mainly columnar and Pocillopora). CCA crusts with vermetids and Homotrema. Microbialite massive, internally laminated (weakly). Some areas dendritic..

VCD legend

Core recovery
- Core recovered
- No recovery
- Wash bore
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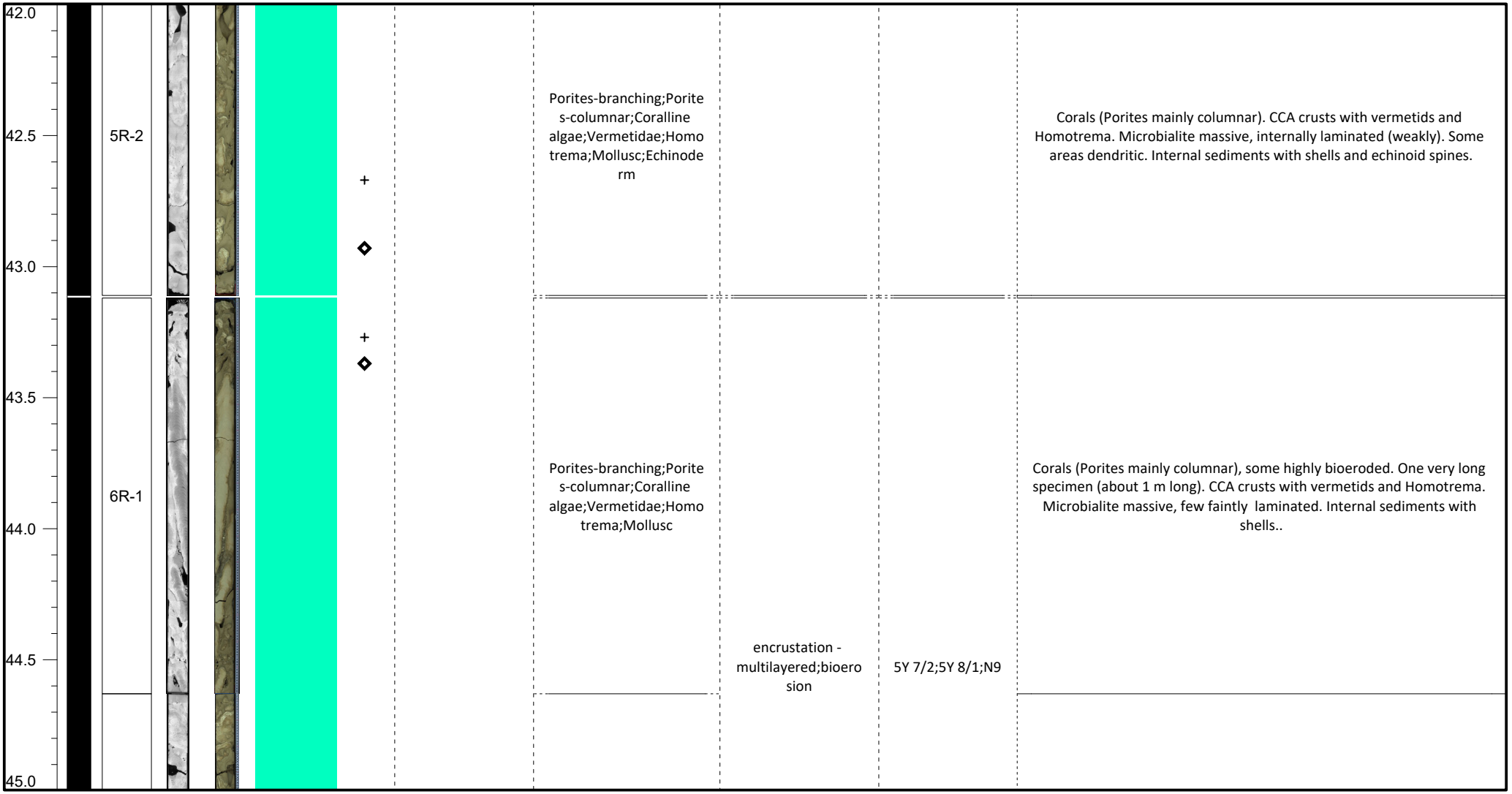
Facies
- FRW-CorAlgBound
- FRW-CorAlgMicrobBound
- FRW-MicrobAlgBound
- FRW-MicrobBound
- FRW-AlgBound
- RDST/FLST-Rhodoliths
- DET-Consolidated
- DET-Unconsolidated
- Mixed-carb/vol
- VOL-Clast
- VOL-Basalt
- FALL

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

IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



VCD legend

Core recovery
- Core recovered
- No recovery
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- High disturbance

Facies
- FRW-CorAlgBound
- FRW-CorAlgMicrobBound
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IODP Samples
- Dating
- GEOCHEM
- IWRH
- MAD/PW
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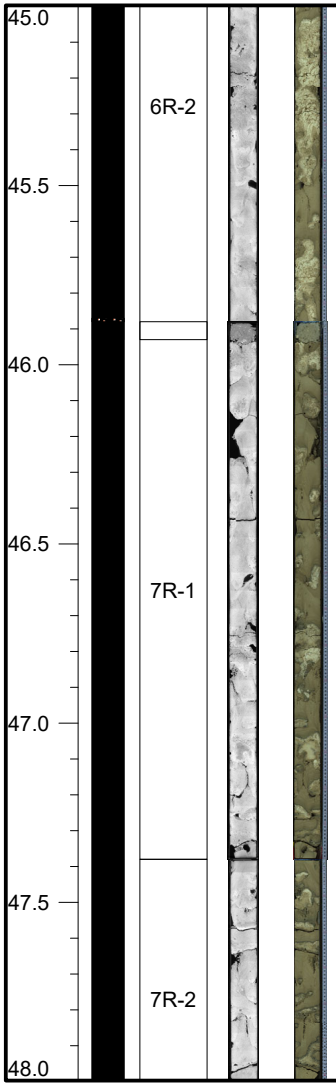
IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Porites-branching;Porites-columnar;Coralline algae;Vermetidae;Homotrema			Corals (Porites branching, one doubtful columnar), some highly bioeroded. One very long specimen (about 1 m long). CCA crusts very thick (up to 40 cm), with vermetids and Homotrema. Microbialite massive, laminated. .
	Porites-branching;Coralline algae;Homotrema;Serp	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Top 5 cm is unconsolidated sediment (fall in?) with gastropod, echinoids, and corals. 5-150: Corals (Porites branching), some highly bioeroded are encrusted by CCA crusts (up to 20mm), occasionally with Homotrema. Microbialites are columnar to dendritic(internally laminated or structureless). Wihtin the microbialites are pecten/gastropods, or echinoid spines..
	Porites-branching;Coralline algae;Homotrema;Gastropod			Corals (Porites branching), are encrusted by CCA crusts (up to 20mm). Microbialites are columnar to dendritic(internally laminated or structureless). Discolouration at the contract of microbialite with coral/CCA..

VCD legend

Core recovery
- Core recovered
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- Wash bore
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Facies
- FRW-CorAlgBound
- FRW-CorAlgMicrobBound
- FRW-MicrobAlgBound
- FRW-MicrobBound
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IODP Samples
- Dating
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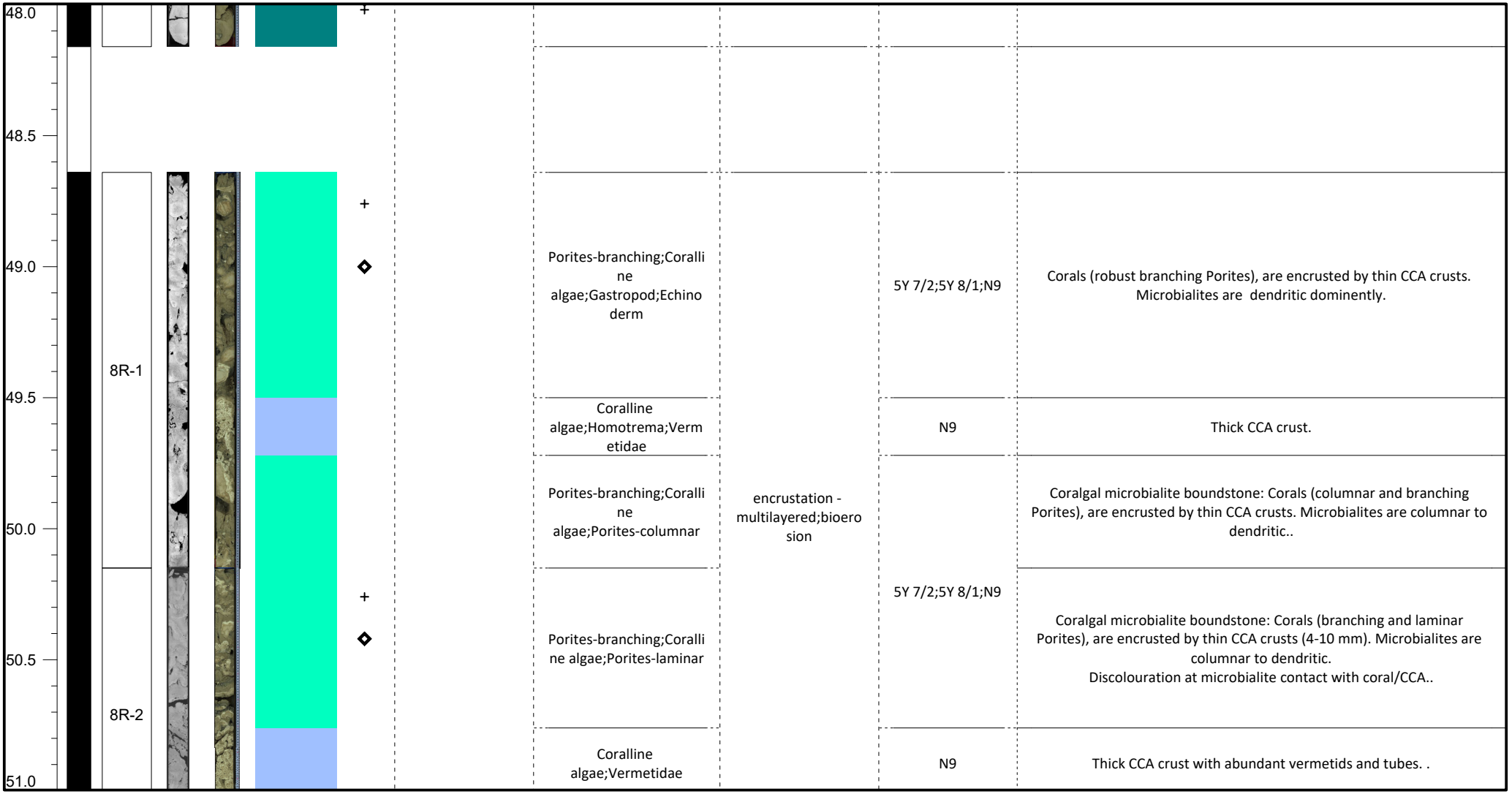
IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Porites-branching;Coralline algae;Gastropod;Echinoderm	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Corals (robust branching Porites), are encrusted by thin CCA crusts. Microbialites are dendritic dominently.
	Coralline algae;Homotrema;Vermetidae		N9	Thick CCA crust.
	Porites-branching;Coralline algae;Porites-columnar		5Y 7/2;5Y 8/1;N9	Coralgal microbialite boundstone: Corals (columnar and branching Porites), are encrusted by thin CCA crusts. Microbialites are columnar to dendritic..
	Porites-branching;Coralline algae;Porites-laminar			Coralgal microbialite boundstone: Corals (branching and laminar Porites), are encrusted by thin CCA crusts (4-10 mm). Microbialites are columnar to dendritic. Discolouration at microbialite contact with coral/CCA..
	Coralline algae;Vermetidae		N9	Thick CCA crust with abundant vermetids and tubes. .

VCD legend

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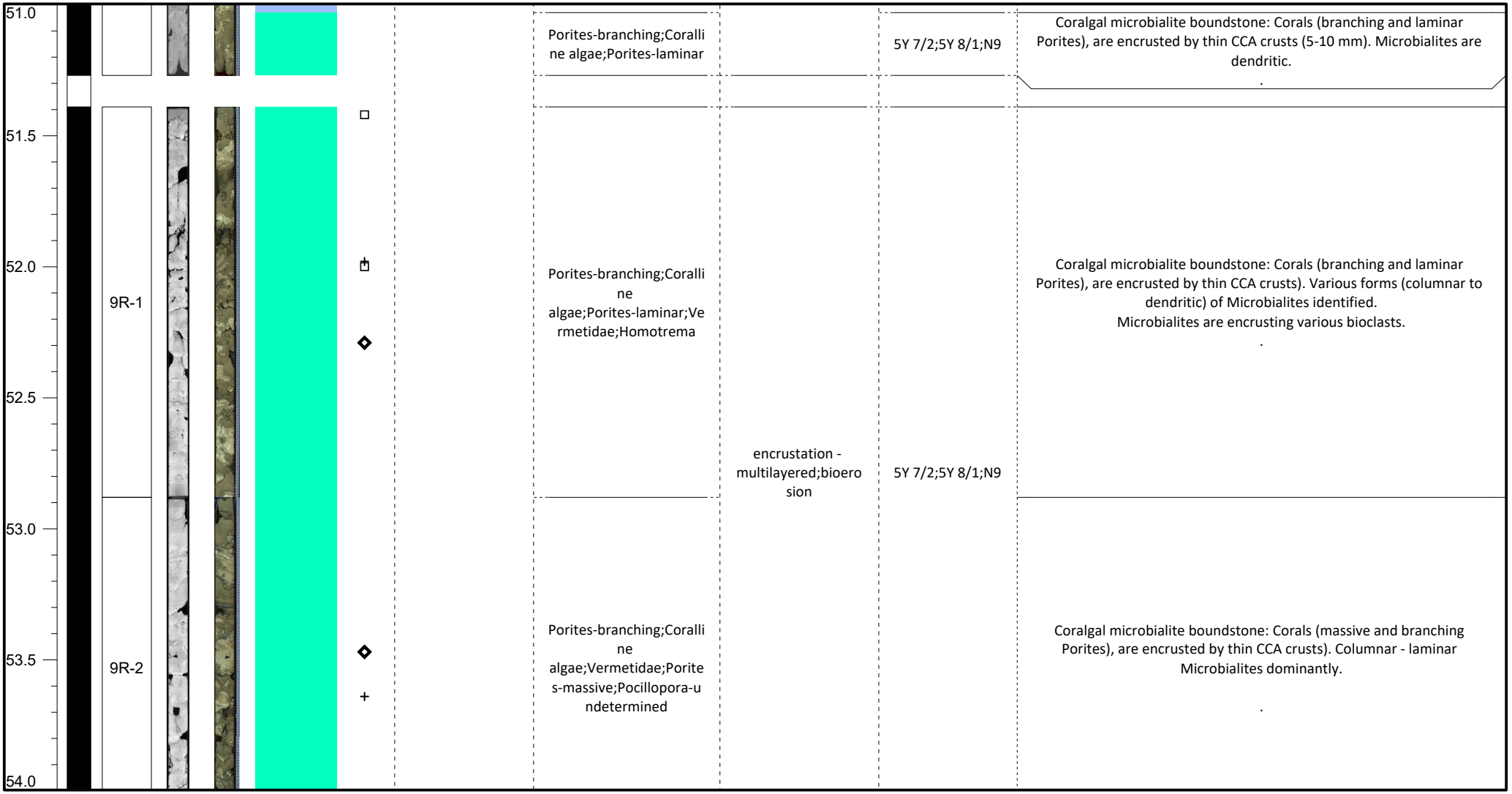
IODP Samples
- Dating
- GEOCHEM
- IWRH
- MAD/PW
- PMAG

IODP Expedition 389 VCD

Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Porites-branching;Coralline algae;Porites-laminar		5Y 7/2;5Y 8/1;N9	Coralgal microbialite boundstone: Corals (branching and laminar Porites), are encrusted by thin CCA crusts (5-10 mm). Microbialites are dendritic.
	Porites-branching;Coralline algae;Porites-laminar;Vermetidae;Homotrema	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Coralgal microbialite boundstone: Corals (branching and laminar Porites), are encrusted by thin CCA crusts). Various forms (columnar to dendritic) of Microbialites identified. Microbialites are encrusting various bioclasts.
	Porites-branching;Coralline algae;Vermetidae;Porites-massive;Pocillopora-undetermined			Coralgal microbialite boundstone: Corals (massive and branching Porites), are encrusted by thin CCA crusts). Columnar - laminar Microbialites dominantly.

VCD legend

Core recovery
- Core recovered
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- High disturbance

Facies
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IODP Samples
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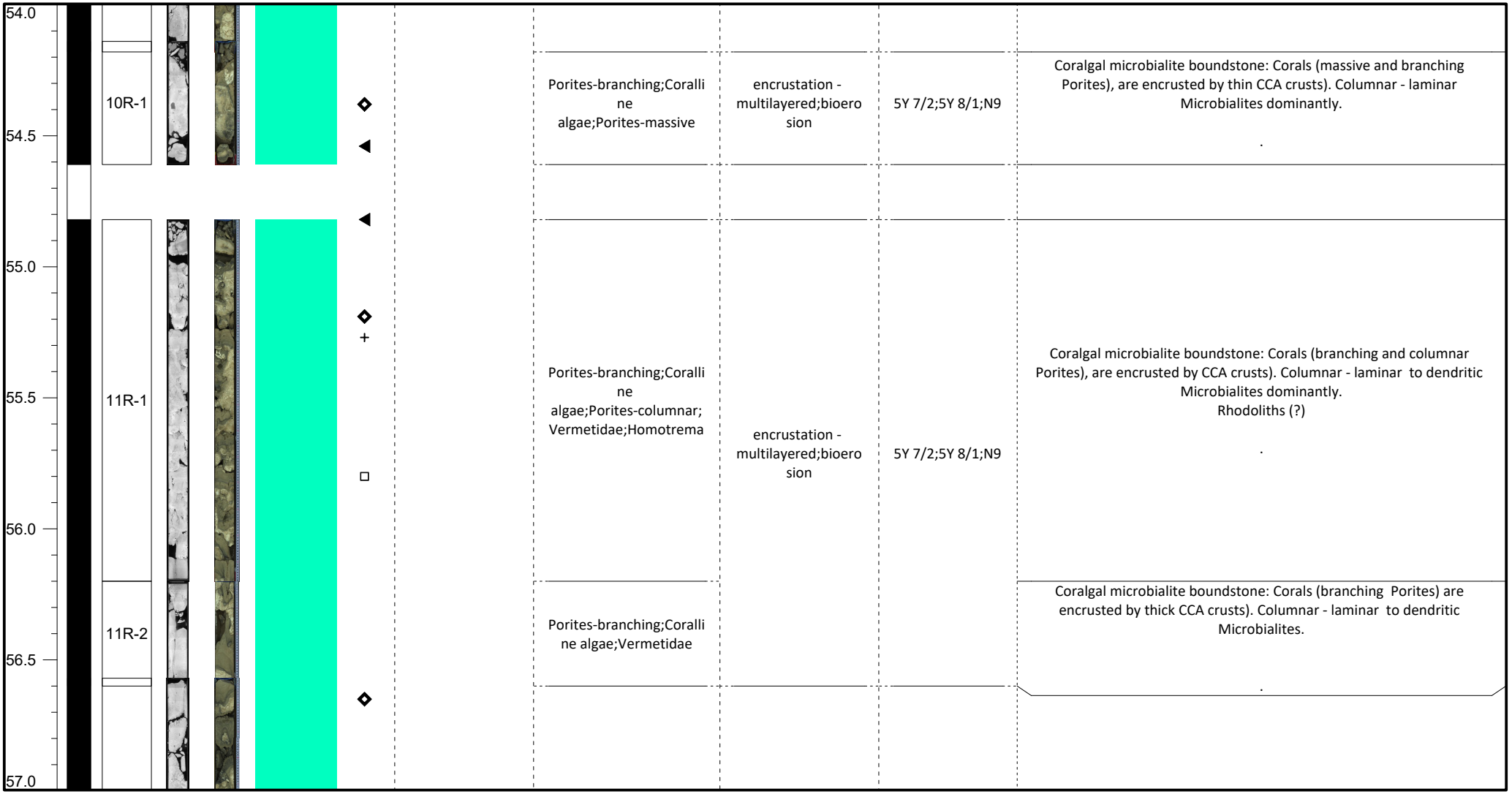
IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Porites-branching;Coralline algae;Porites-massive	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Coralgal microbialite boundstone: Corals (massive and branching Porites), are encrusted by thin CCA crusts). Columnar - laminar Microbialites dominantly.
	Porites-branching;Coralline algae;Porites-columnar; Vermetidae;Homotrema	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Coralgal microbialite boundstone: Corals (branching and columnar Porites), are encrusted by CCA crusts). Columnar - laminar to dendritic Microbialites dominantly. Rhodoliths (?)
	Porites-branching;Coralline algae;Vermetidae			Coralgal microbialite boundstone: Corals (branching Porites) are encrusted by thick CCA crusts). Columnar - laminar to dendritic Microbialites.

VCD legend

Core recovery
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Facies
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IODP Samples
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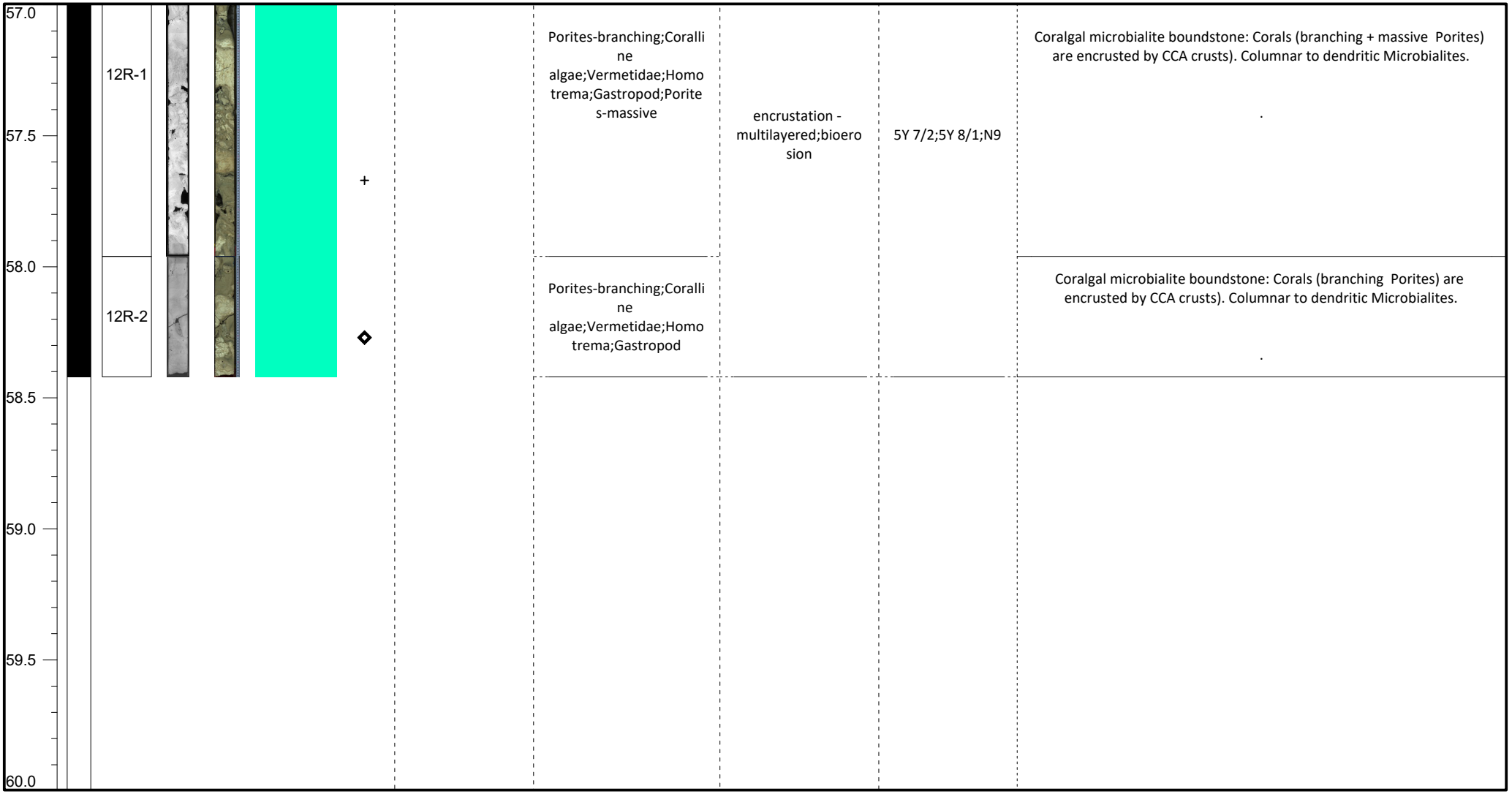
IODP Expedition 389 VCD
Site: M0097B

Hole M0097B

Region: Kawaihae
Water Depth: 414.6 m



VCD legend

Core recovery
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- High disturbance

Facies
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- FRW-CorAlgMicrobBound
- FRW-MicrobAlgBound
- FRW-MicrobBound
- FRW-AlgBound
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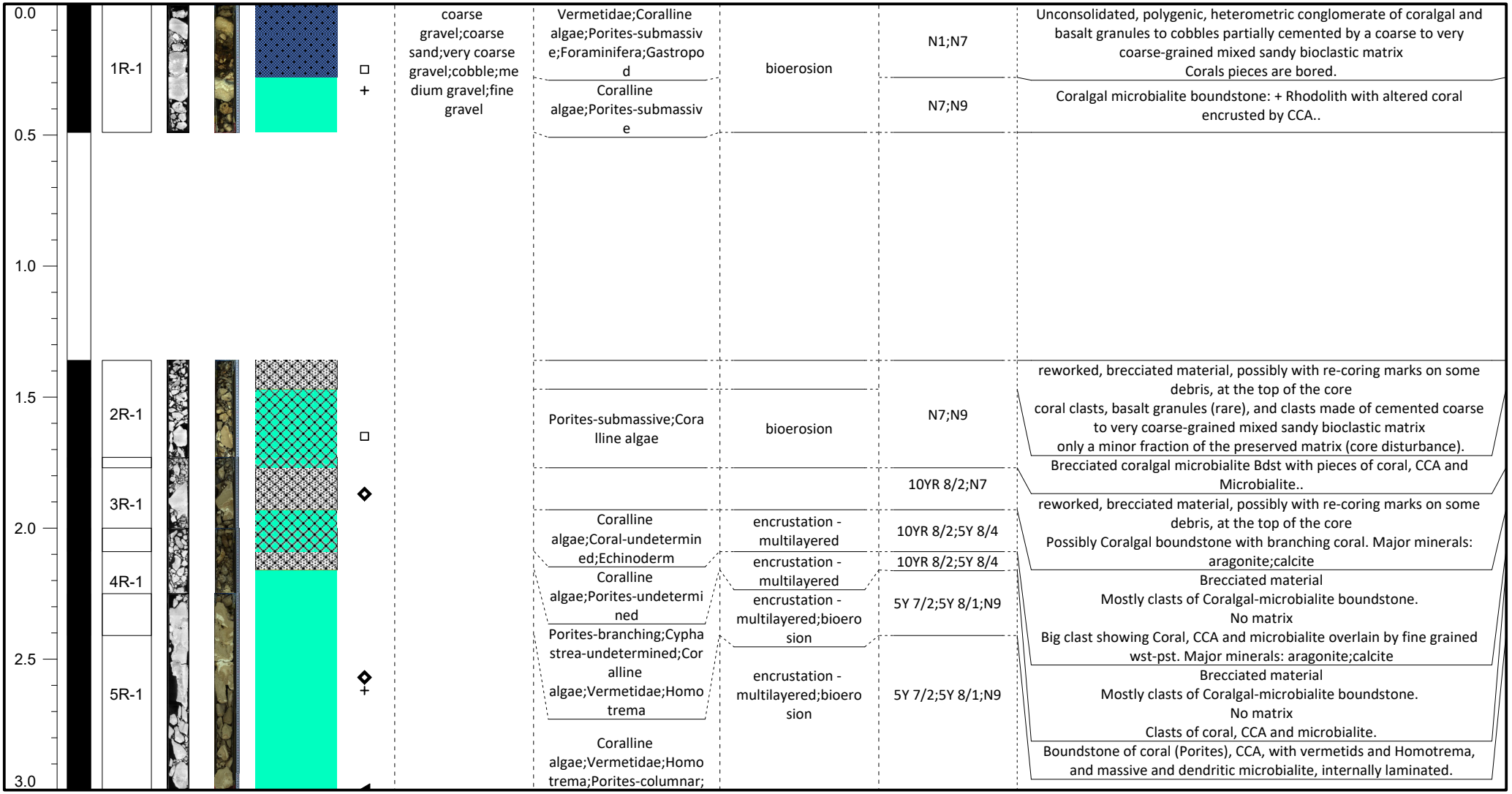
- VOL-Basalt
- FALL

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

IODP Expedition 389 VCD
Site: M0097C

Hole M0097C

Region: Kawaihae
Water Depth: 417.6 m



Grain size	Fossils	Taphonomy	Color	Visual core description
coarse gravel;coarse sand;very coarse gravel;cobble;medium gravel;fine gravel	Vermetidae;Coralline algae;Porites-submassive;Foraminifera;Gastropod	bioerosion	N1;N7	Unconsolidated, polygenic, heterometric conglomerate of coralgal and basalt granules to cobbles partially cemented by a coarse to very coarse-grained mixed sandy bioclastic matrix Corals pieces are bored.
	Coralline algae;Porites-submassive		N7;N9	Coralgal microbialite boundstone: + Rhodolith with altered coral encrusted by CCA..
	Porites-submassive;Coralline algae	bioerosion	N7;N9	reworked, brecciated material, possibly with re-coring marks on some debris, at the top of the core coral clasts, basalt granules (rare), and clasts made of cemented coarse to very coarse-grained mixed sandy bioclastic matrix only a minor fraction of the preserved matrix (core disturbance).
			10YR 8/2;N7	Brecciated coralgal microbialite Bdst with pieces of coral, CCA and Microbialite..
	Coralline algae;Coral-undetermined;Echinoderm	encrustation - multilayered	10YR 8/2;5Y 8/4	reworked, brecciated material, possibly with re-coring marks on some debris, at the top of the core Possibly Coralgal boundstone with branching coral. Major minerals: aragonite;calcite
	Coralline algae;Porites-undetermined	encrustation - multilayered	10YR 8/2;5Y 8/4	Brecciated material Mostly clasts of Coralgal-microbialite boundstone. No matrix Big clast showing Coral, CCA and microbialite overlain by fine grained wst-pst. Major minerals: aragonite;calcite
	Porites-branching;Cyphastrea-undetermined;Coralline algae;Vermetidae;Homotrema	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Brecciated material Mostly clasts of Coralgal-microbialite boundstone. No matrix Clasts of coral, CCA and microbialite.
	Coralline algae;Vermetidae;Homotrema;Porites-columnar;	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Boundstone of coral (Porites), CCA, with vermetids and Homotrema, and massive and dendritic microbialite, internally laminated.

VCD legend

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

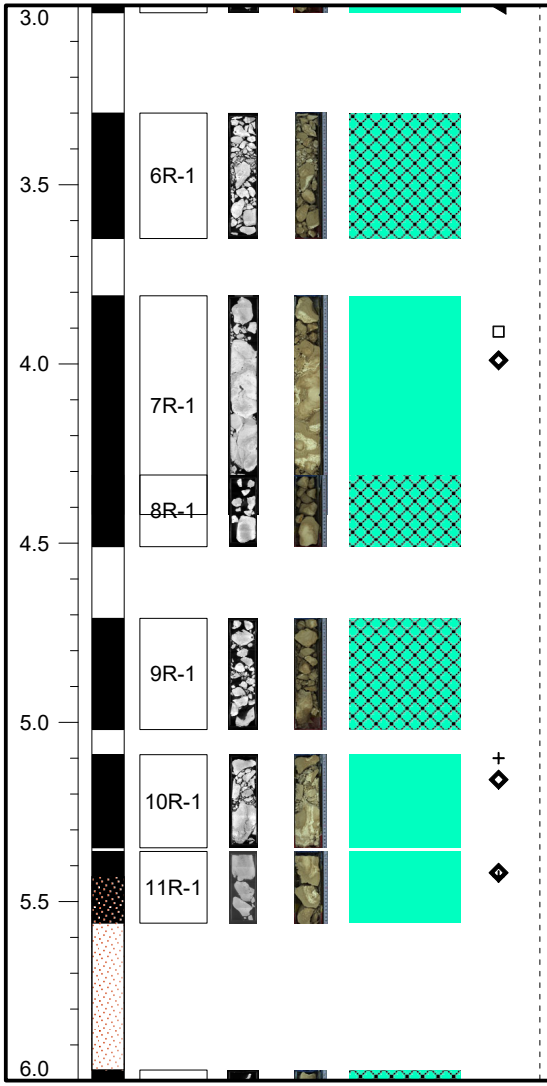
Facies
- FRW-CorAlgBound
- FRW-CorAlgMicrobBound
- FRW-MicrobAlgBound
- FRW-MicrobBound
- FRW-AlgBound
- RDST/FLST-Rhodoliths
- DET-Consolidated
- DET-Unconsolidated
- Mixed-carb/vol
- VOL-Clast
- VOL-Basalt
- FALL

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

IODP Expedition 389 VCD
Site: M0097C

Hole M0097C

Region: Kawaihae
Water Depth: 417.6 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Porites-undetermined;Cyphastrea-encrusting			Boundstone of coral (Porites), CCA, with vermetids and Homotrema, and massive transitioning to dendritic microbialite, internally laminated.
	Coralline algae;Porites-undetermined;Porites-branching	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Fragments of boundstone of coral (Porites), CCA and massive microbialite, internally laminated.
	Coralline algae;Porites-undetermined;Porites-branching;Porites-massive;Vermetidae;Homotrema	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Boundstone and fragments of boundstone of massive and branching Porites, CCA with vermetids and Homotrema, and massive microbialite, internally laminated.
	Coralline algae;Porites-undetermined;Porites-columnar	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Boundstone and fragments of boundstone of Porites, CCA , and massive microbialite, internally laminated.
	Coralline algae;Porites-undetermined	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Boundstone and fragments of boundstone of Porites, CCA , and massive microbialite, internally laminated.
	Coralline algae;Porites-undetermined;Porites-columnar;Cyphastrea-encrusting;Vermetidae;Homotrema	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Boundstone and fragments of boundstone of Porites and Cyphastrea, CCA with vermetids and Homotrema, and massive microbialite, internally laminated.
	Coralline algae;Porites-undetermined;Porites-columnar;Vermetidae;Homotrema; Merulinidae-encrusting	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Boundstone and fragments of boundstone of Porites and encrusting Merulinidae, CCA with vermetids and Homotrema, and massive microbialite, internally laminated.

VCD legend

Core recovery
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- FRW-CorAlgMicrobBound
- FRW-MicrobAlgBound
- FRW-MicrobBound
- FRW-AlgBound
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- DET-Consolidated
- DET-Unconsolidated
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- VOL-Clast
- VOL-Basalt
- FALL

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IODP Expedition 389 VCD

Site: M0097C

Hole M0097C

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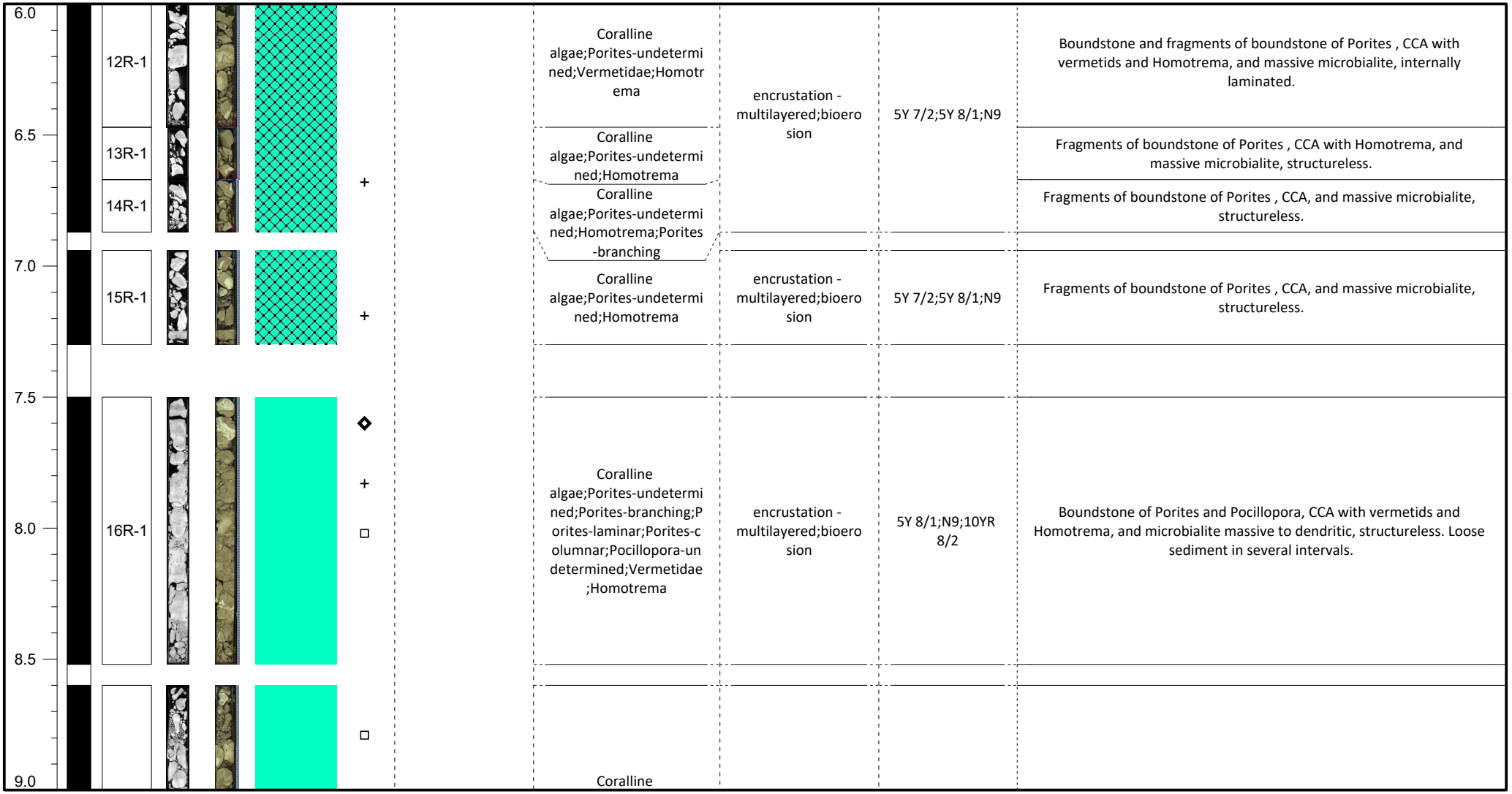

Grain size	Fossils	Taphonomy	Color	Visual core description
	Coralline algae;Porites-undetermined;Vermetidae;Homotrema	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Boundstone and fragments of boundstone of Porites , CCA with vermetids and Homotrema, and massive microbialite, internally laminated.
	Coralline algae;Porites-undetermined;Homotrema			Fragments of boundstone of Porites , CCA with Homotrema, and massive microbialite, structureless.
	Coralline algae;Porites-undetermined;Homotrema;Porites-branching			Fragments of boundstone of Porites , CCA, and massive microbialite, structureless.
	Coralline algae;Porites-undetermined;Homotrema	encrustation - multilayered;bioerosion	5Y 7/2;5Y 8/1;N9	Fragments of boundstone of Porites , CCA, and massive microbialite, structureless.
	Coralline algae;Porites-undetermined;Porites-branching;Porites-laminar;Porites-columnar;Pocillopora-undetermined;Vermetidae;Homotrema	encrustation - multilayered;bioerosion	5Y 8/1;N9;10YR 8/2	Boundstone of Porites and Pocillopora, CCA with vermetids and Homotrema, and microbialite massive to dendritic, structureless. Loose sediment in several intervals.
	Coralline			

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IODP Samples
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- IWRH
- MAD/PW
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IODP Expedition 389 VCD
Site: M0097C

Hole M0097C

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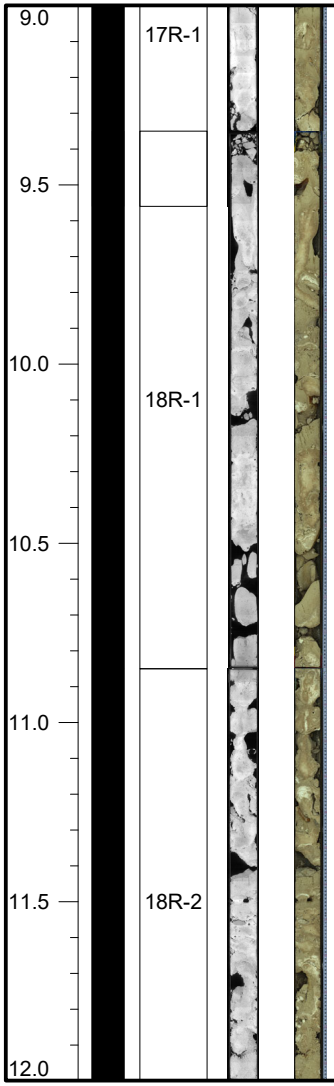

Grain size	Fossils	Taphonomy	Color	Visual core description
	algae;Porites-undetermined;Porites-branching;Porites-columnar;Vermetidae;Homotrema	encrustation - multilayered;bioerosion	5Y 8/1;N9;10YR 8/2	Boundstone of Porites (mostly columnar), CCA with vermetids and Homotrema, and microbialite massive to dendritic, structureless to faintly laminated. Loose sediment in several intervals.
	Coralline algae;Porites-undetermined;Porites-branching;Porites-columnar;Vermetidae;Homotrema;Pocillopora-undetermined;Porites-platy;Porites-submassive;Porites-encrusting	encrustation - multilayered;bioerosion	5Y 8/1;N9;10YR 8/2	Boundstone of Porites (several morphologies), CCA with vermetids and Homotrema, and microbialite massive to dendritic, laminated and structureless..
	Coralline algae;Porites-branching;Porites-columnar;Vermetidae;Homotrema;Porites-encrusting;Porites-laminar;Echinoderm			Boundstone of Porites (several morphologies), CCA with vermetids and Homotrema, and microbialite massive to dendritic, structureless. Loose sediment in a few intervals.

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IODP Samples
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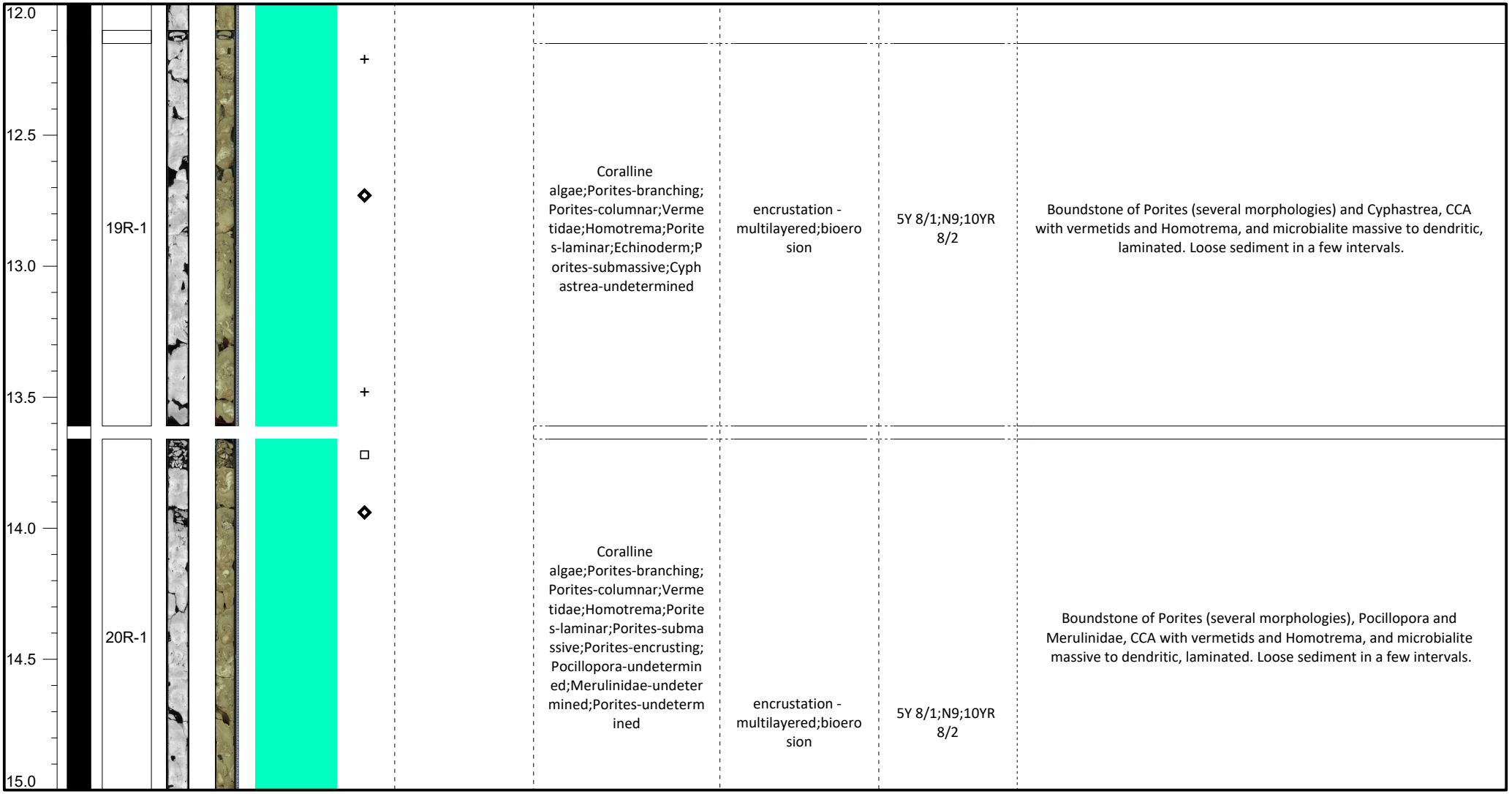
IODP Expedition 389 VCD
Site: M0097C

Hole M0097C

Region: Kawaihae
Water Depth: 417.6 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Coralline algae;Porites-branching;Porites-columnar;Vermetidae;Homotrema;Porites-laminar;Echinoderm;Porites-submassive;Cyphastrea-undetermined	encrustation - multilayered;bioerosion	5Y 8/1;N9;10YR 8/2	Boundstone of Porites (several morphologies) and Cyphastrea, CCA with vermetids and Homotrema, and microbialite massive to dendritic, laminated. Loose sediment in a few intervals.
	Coralline algae;Porites-branching;Porites-columnar;Vermetidae;Homotrema;Porites-laminar;Porites-submassive;Porites-encrusting;Pocillopora-undetermined;Merulinidae-undetermined;Porites-undetermined	encrustation - multilayered;bioerosion	5Y 8/1;N9;10YR 8/2	Boundstone of Porites (several morphologies), Pocillopora and Merulinidae, CCA with vermetids and Homotrema, and microbialite massive to dendritic, laminated. Loose sediment in a few intervals.

VCD legend

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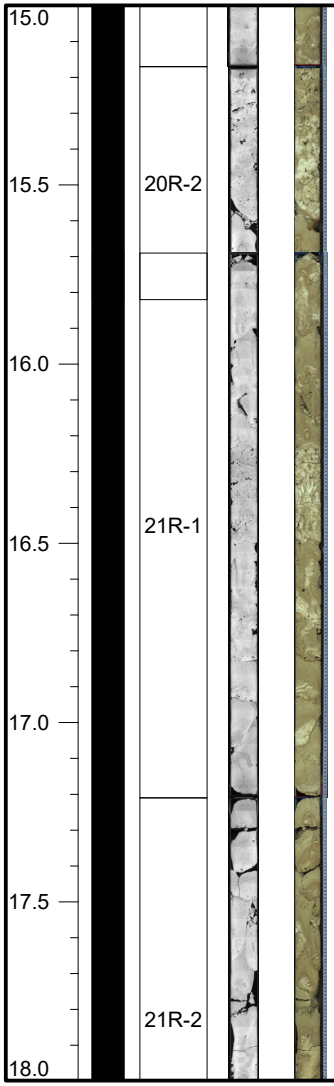
IODP Expedition 389 VCD
Site: M0097C

Hole M0097C

Region: Kawaihae
Water Depth: 417.6 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Coralline algae;Porites-branching; Vermetidae;Homotrema ;Pavona-encrusting			Boundstone of Porites (several morphologies) and Pavona, CCA with vermetids and Homotrema, and microbialite massive to dendritic, laminated. Loose sediment in a few intervals. Thick CCA crusts.
	Coralline algae;Porites-branching; Homotrema;Gastropod; Vermetidae;Porites-colu mnar;Porites-laminar;Po cillopora-undetermined	encrustation - multilayered;bioero sion	10YR 8/2;5Y 8/4	Coralgal-microbialite boundstone Microbialite are massive sometimes shows some crude lamination. Dendritic when going to cavities or free space. Mostly branching to laminar corals. Major minerals: aragonite;calcite
	Coralline algae;Porites-columnar; Porites-branching;Cypha strea-encrusting;Gastro pod;Homotrema;Serp;P			Coralgal-microbialite boundstone Mostly Porites with possible Cyphastrea. Columnar to laminar, occasionally branching. Entobia borings Microbialite are columnar to dendritic. CCA rich in homotrema, Vermetids and other gastropods . Major

VCD legend

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- FRW-CorAlgMicrobBound
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- FRW-MicrobBound
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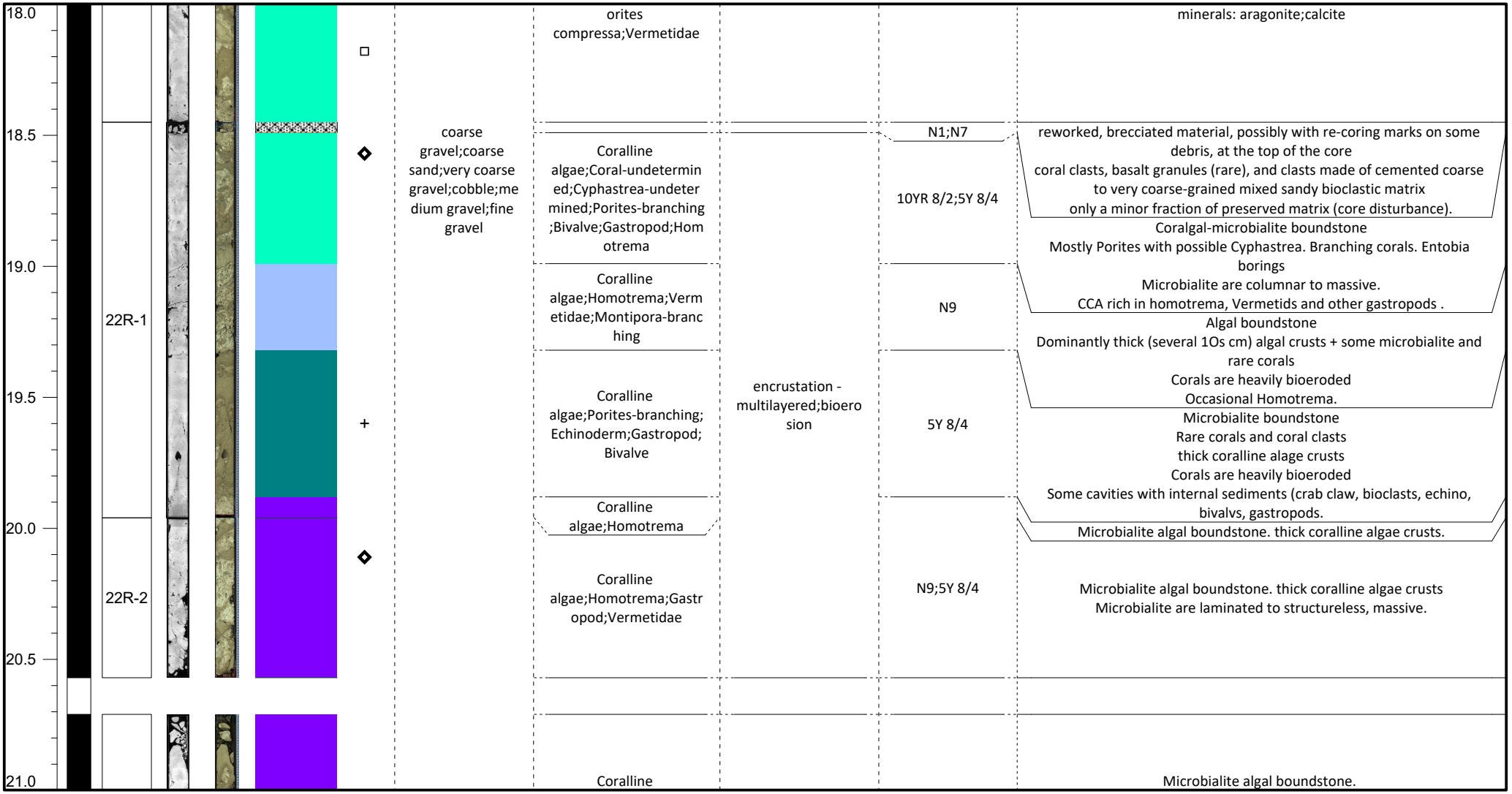
IODP Expedition 389 VCD
Site: M0097C

Hole M0097C

Region: Kawaihae
Water Depth: 417.6 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	orites compressa;Vermetidae			minerals: aragonite;calcite
coarse gravel;coarse sand;very coarse gravel;cobble;medium gravel;fine gravel	Coralline algae;Coral-undetermined;Cyphastrea-undetermined;Porites-branching;Bivalve;Gastropod;Homotrema	encrustation - multilayered;bioerosion	N1;N7 10YR 8/2;5Y 8/4	reworked, brecciated material, possibly with re-coring marks on some debris, at the top of the core coral clasts, basalt granules (rare), and clasts made of cemented coarse to very coarse-grained mixed sandy bioclastic matrix only a minor fraction of preserved matrix (core disturbance). Coralgal-microbialite boundstone Mostly Porites with possible Cyphastrea. Branching corals. Entobia borings Microbialite are columnar to massive. CCA rich in homotrema, Vermetids and other gastropods .
	Coralline algae;Homotrema;Vermetidae;Montipora-branching		N9	Algal boundstone Dominantly thick (several 1Os cm) algal crusts + some microbialite and rare corals Corals are heavily bioeroded Occasional Homotrema.
	Coralline algae;Porites-branching;Echinoderm;Gastropod;Bivalve		5Y 8/4	Microbialite boundstone Rare corals and coral clasts thick coralline alage crusts Corals are heavily bioeroded Some cavities with internal sediments (crab claw, bioclasts, echino, bivalvs, gastropods.
	Coralline algae;Homotrema			Microbialite algal boundstone. thick coralline algae crusts.
	Coralline algae;Homotrema;Gastropod;Vermetidae		N9;5Y 8/4	Microbialite algal boundstone. thick coralline algae crusts Microbialite are laminated to structureless, massive.
	Coralline			Microbialite algal boundstone.

VCD legend

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IODP Samples
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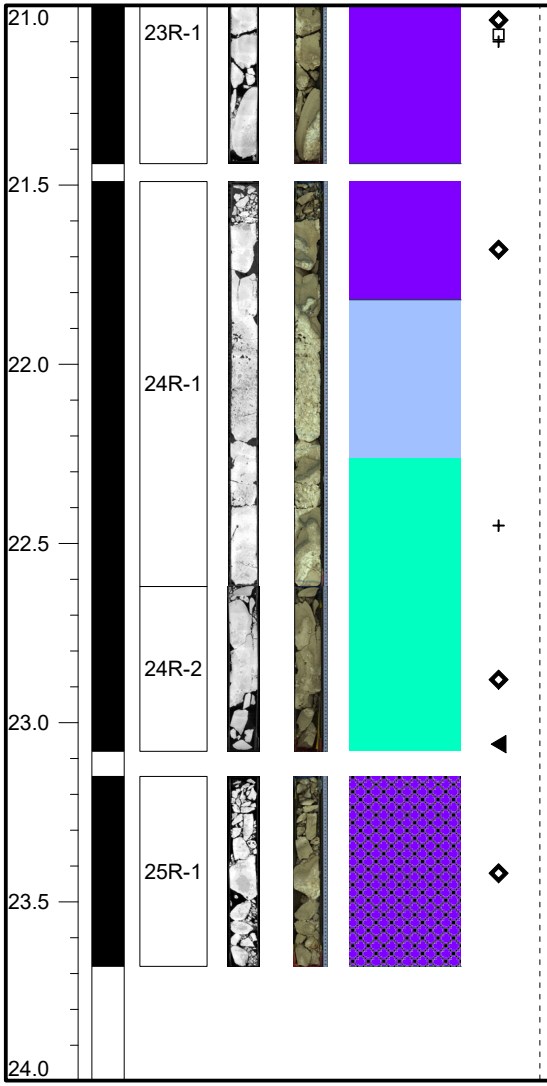
IODP Expedition 389 VCD
Site: M0097C

Hole M0097C

Region: Kawaihae
Water Depth: 417.6 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	algae;Homotrema;Vermetidae;Echinoderm;Porites-branching;Porites-laminar	encrustation - multilayered;bioerosion	N9;5Y 8/4	Thick columnar laminar microbialite Several coral branches and laminar encrusted by thin CCA and embedded in microbialite (laminar, massive) At the base: CCA+ microbialite (columnar laminar type) with some geopetal structures .
	Coralline algae;Homotrema;Vermetidae;Echinoderm	encrustation - multilayered;bioerosion	N9;5Y 8/4	Microbialite algal boundstone. Some cm-scale CCA crusts and nodules embedded in columnar (laminar) microbialite, going to dendritic to the top.
	Coralline algae;Homotrema;Vermetidae		N9	Algal boundstone Thick CCA crust with laminar fabric Lots of framework cavities filled partially by internal sediments .
	Coralline algae;Porites-branching;Homotrema;Porites-columnar		10YR 8/2;5Y 8/4	Coralgal-microbialite boundstone Porites (branching and columnar). Heavily bored. Microbialite are massive to columnar (laminated). CCA with Homotrema and ocasional Vermetids..
	Coralline algae;Porites-columnar;Bivalve;Porites-branching			Coralgal-microbialite boundstone Very thin (almost absent) CCA crust. Columnar laminar microbialite, dendritic toward the top Few pieces of corals, heavily bored.
	Coralline algae;Homotrema;Gastropod	encrustation - multilayered;bioerosion	N9;5Y 8/4	Microbialite algal boundstone. Dominantly columnar-laminar microbialite with cm-scale CCA crusts. At the base, soft sediments with gastropod fragments and other unidentified bioclasts. .

VCD legend

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Site: M0097C

Hole M0097C

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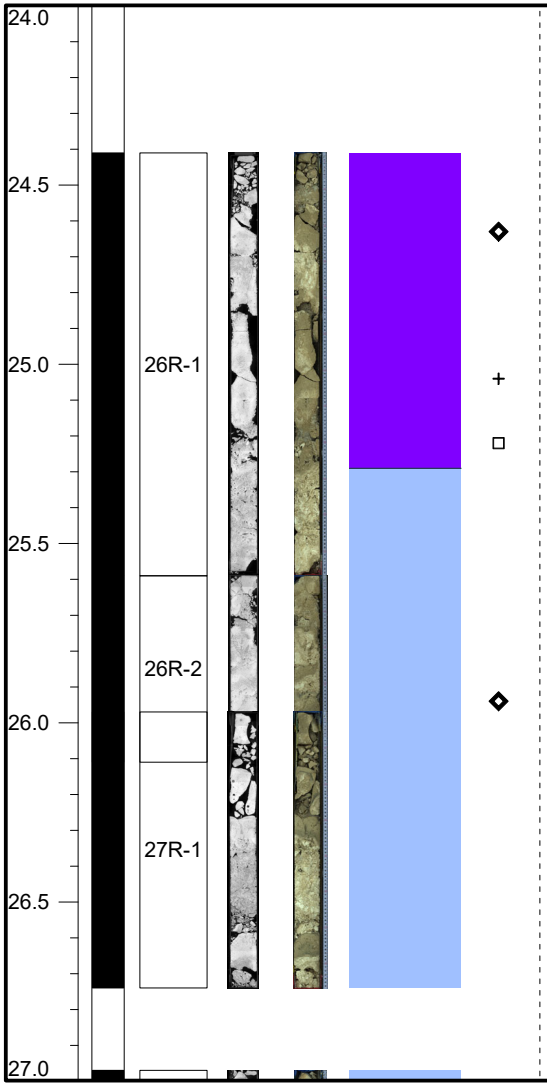

Grain size	Fossils	Taphonomy	Color	Visual core description
	Coralline algae;Homotrema;Vermetidae;Bivalve;Gastropod;Porites-branching	encrustation - multilayered;bioerosion	N9;5Y 8/4	Microbialite algal boundstone. Mostly microbialite and algal crusts. Microbialite are mostly dendritic to massive, structureless..
	Coralline algae;Homotrema;Vermetidae;Cyphastrea-undetermined		N9	Algal boundstone Massive algal crust (Homotrema) + some microbialite (crust-structureless).
	Coralline algae;Homotrema;Vermetidae;Gastropod			Algal boundstone Thick algal crust (Homotrema) + some microbialite predominantly dendritic-structureless.
	Coralline algae;Homotrema;Vermetidae;Gastropod	encrustation - multilayered;bioerosion	N9	Dominantly algal boundstone with vermetids. Microbialites dominantly structureless-columnar 59-62 cm: loose sediment with broken CCA clasts.

VCD legend

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IODP Expedition 389 VCD
Site: M0097C

Hole M0097C

Region: Kawaihae
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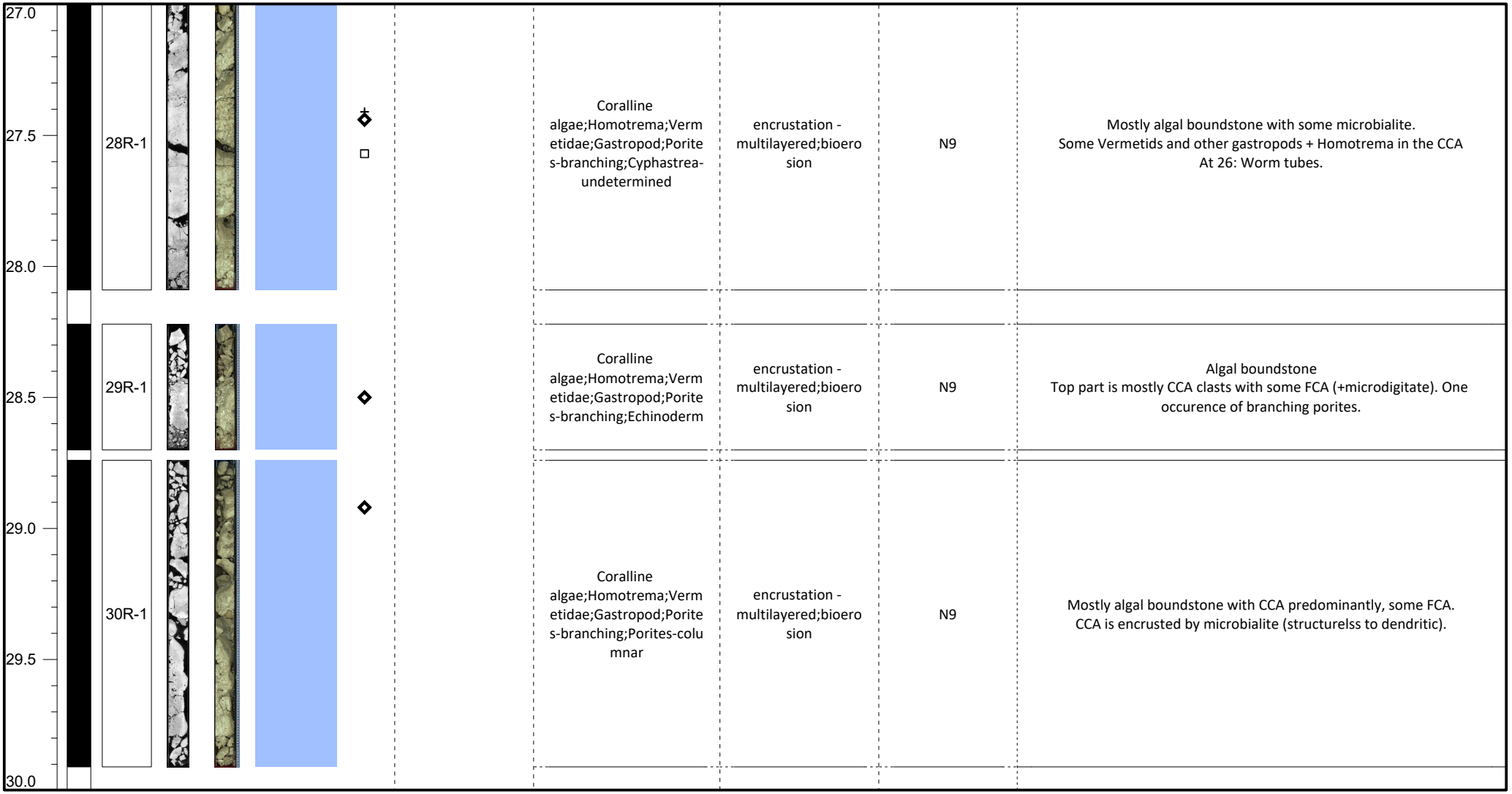

Grain size	Fossils	Taphonomy	Color	Visual core description
	Coralline algae;Homotrema;Vermetidae;Gastropod;Porites-branching;Cyphastrea-undetermined	encrustation - multilayered;bioerosion	N9	Mostly algal boundstone with some microbialite. Some Vermetids and other gastropods + Homotrema in the CCA At 26: Worm tubes.
	Coralline algae;Homotrema;Vermetidae;Gastropod;Porites-branching;Echinoderm	encrustation - multilayered;bioerosion	N9	Algal boundstone Top part is mostly CCA clasts with some FCA (+microdigitate). One occurence of branching porites.
	Coralline algae;Homotrema;Vermetidae;Gastropod;Porites-branching;Porites-columnar	encrustation - multilayered;bioerosion	N9	Mostly algal boundstone with CCA predominantly, some FCA. CCA is encrusted by microbialite (structurelss to dendritic).

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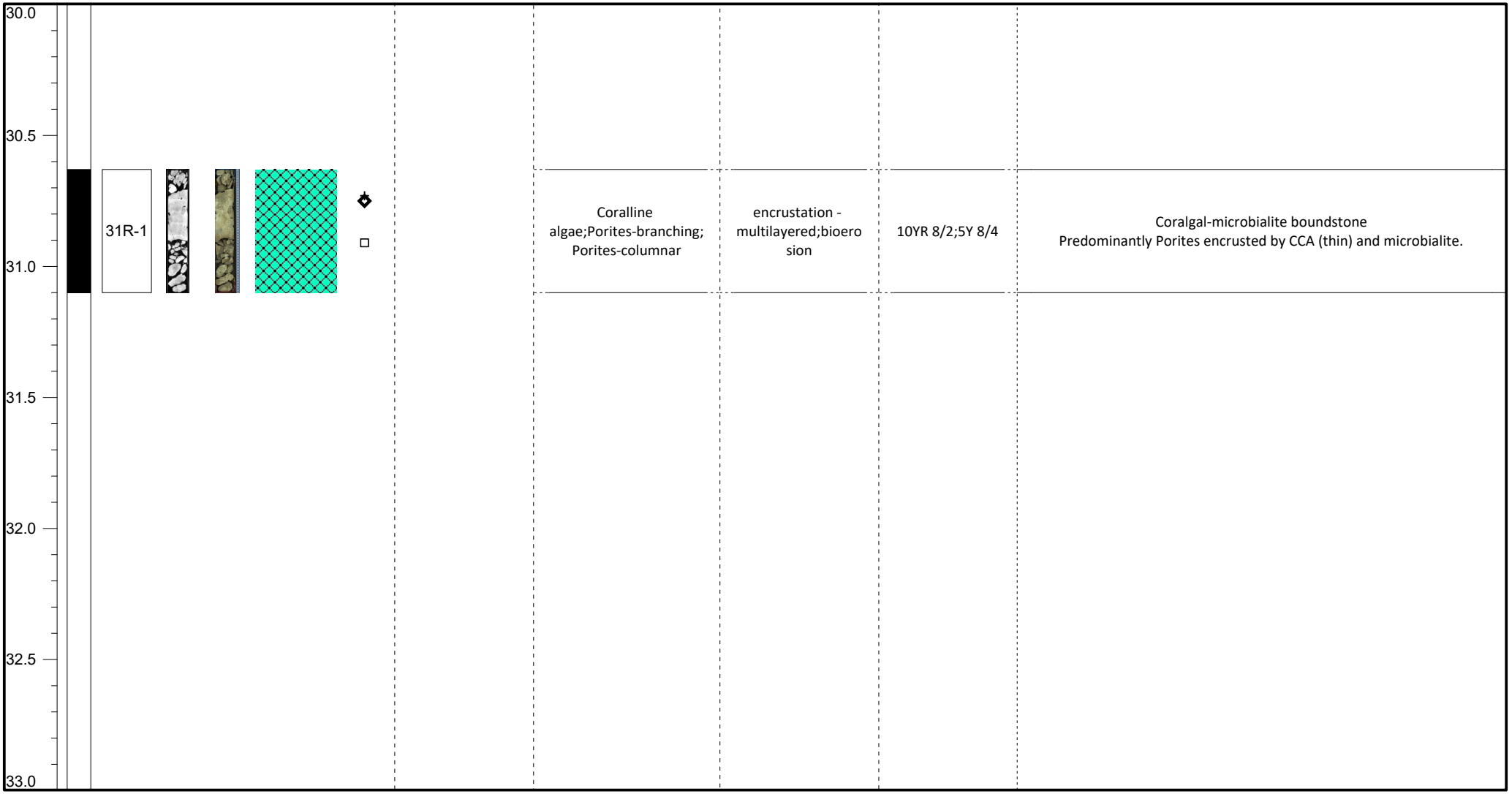
IODP Expedition 389 VCD
Site: M0097C

Hole M0097C

Region: Kawaihae
Water Depth: 417.6 m



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Hole M0097C

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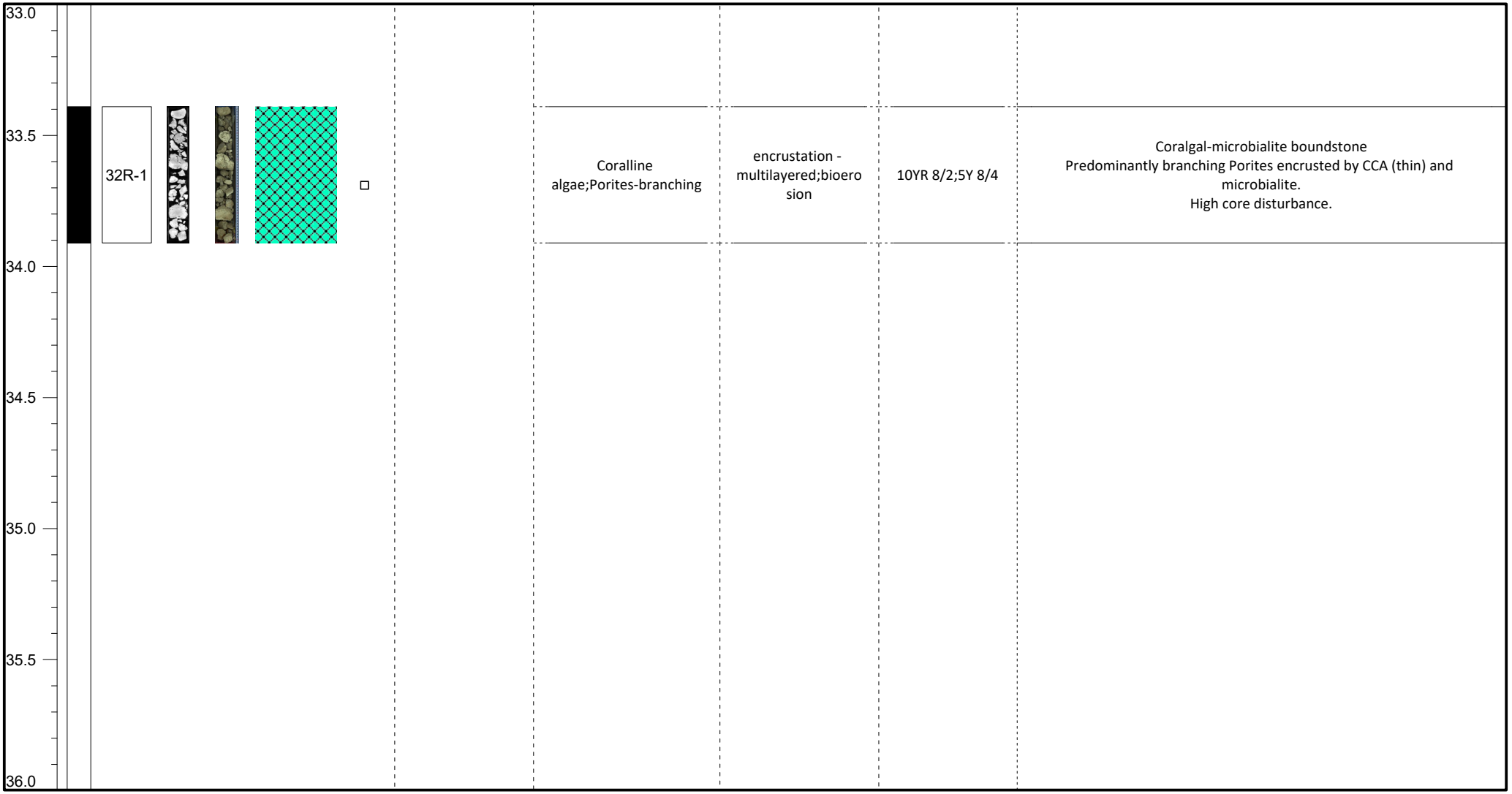

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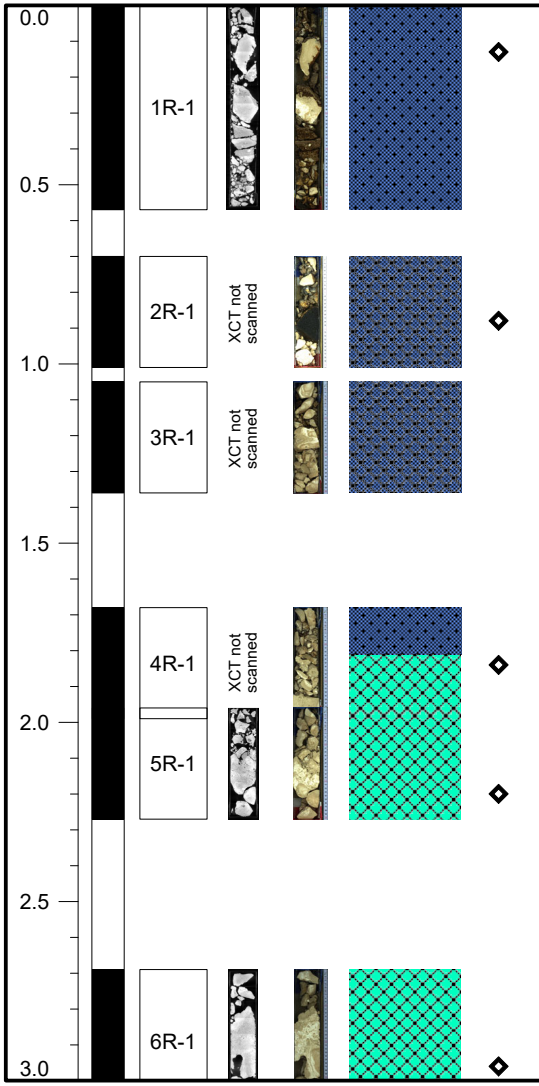
- Mixed-carb/vol
- VOL-Clast
- VOL-Basalt
- FALL

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

IODP Expedition 389 VCD
Site: M0097D

Hole M0097D

Region: Kawaihae
Water Depth: 424.0 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Coralline algae;Vermetidae;Porites-undetermined;Agariciidae-undetermined;Halimeda;Foraminifera;Coral-undetermined;Mollusc	bioerosion;encrustation - multilayered	N1;10YR 8/2;N9	Fragments of bioclastic, coarse-sand sized grainstone (beachrocks), fragments of laminated massive microbialite, fragments of CCA with vermetids, basalt clasts with round bubbles, aphanitic, bioclasts of Halimeda, molluscs and possibly LBF.
	Coralline algae;Vermetidae;Porites-undetermined;Foraminifera;Coral-undetermined;Mollusc	bioerosion;encrustation - multilayered	N1;10YR 8/2;N9	Fragments of coral, fragments of massive structureless microbialite, fragments of CCA with vermetids, basalt clasts porphyritic, aphanitic..
	Coralline algae;Coral-undetermined;Porites-columnar	bioerosion;encrustation - multilayered	10YR 8/2;N9	Fragments of Porites, fragments of massive structureless microbialite, fragments of CCA, fragments of grainstone. Some clasts are coated by mixed carbonate/volcaniclastic grainstone.
	Coralline algae;Coral-undetermined;Porites-undetermined	bioerosion;encrustation - multilayered	10YR 8/2;N9	Fragments of Porites, fragments of massive structureless microbialite, fragments of CCA, fragments of grainstone. Some clasts are coated by mixed carbonate/volcaniclastic grainstone.
	Coral-undetermined;Coralline algae	encrustation - multilayered;bioerosion		Crushed coralgal microbialite. Microbilite crusts masive to dendritic, structureless.
	Coralline algae;Porites-undetermined;Porites-columnar	encrustation - multilayered;bioerosion	10YR 8/2;N9	Crushed coralgal microbialite boundstone. Thick CCA crust. Microbialite crusts massive , structureless.
	Coralline algae;Porites-columnar;Cyphastrea-encrusting;V	encrustation - multilayered;bioerosion	10YR 8/2;N9	Crushed coralgal microbialite boundstone. Thick CCA crust with vermetids and Homotrema. Microbialite crusts massive, structureless.

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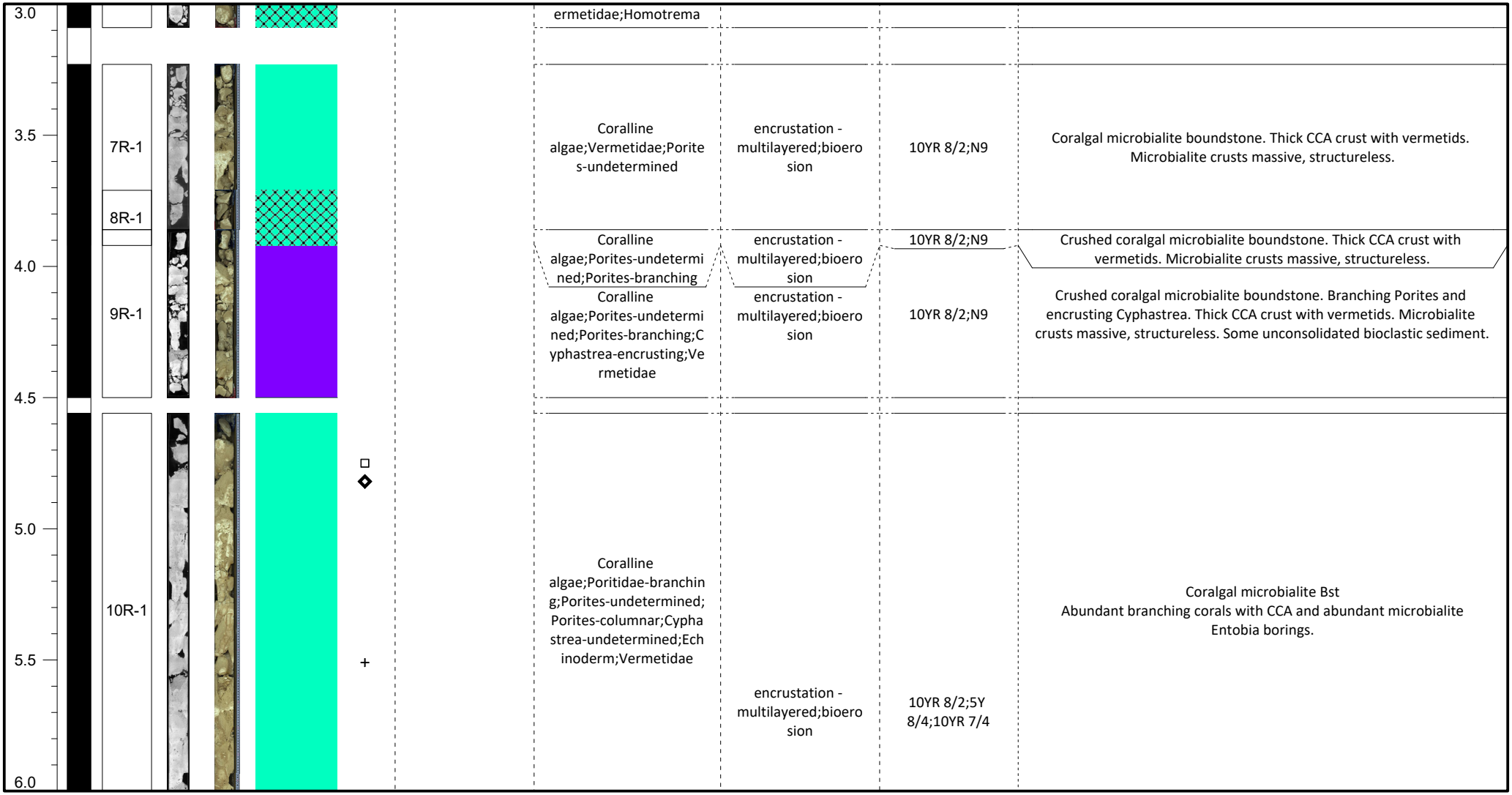
IODP Samples
- Dating
- GEOCHEM
- IWRH
- MAD/PW
- PMAG

IODP Expedition 389 VCD
Site: M0097D

Hole M0097D

Region: Kawaihae
Water Depth: 424.0 m



VCD legend

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IODP Expedition 389 VCD
Site: M0097D

Hole M0097D

Region: Kawaihae
Water Depth: 424.0 m

Depth (mbsf)	Core recovery	Curated sections	XCT scan image	Line scan image	Facies	IODP samples	Grain size	Fossils	Taphonomy	Color	Visual core description
6.0											
		10R-2				◇		Coralline algae;Porites-undetermined;Porites-branching;Porites-submassive;Echinoderm;Cyphastrea-undetermined			Coralgal microbialite Bst Upper section has branching coral Lower section has mostly columnar coral, CCA and abundant microbialite some consolidated grainstone in cavity.
6.5											
7.0		11R-1				◇		Coralline algae;Porites-submassive;Porites-undetermined	encrustation - multilayered;bioerosion	10YR 8/2;5Y 8/4;10YR 7/4	Coralgal microbialite Bst mostly submassive Porites thick CCA crusts and abundant microbialite (structureless to laminated).
7.5		12R-1	XCT not scanned					Coralline algae;Porites-branching	encrustation - multilayered;bioerosion	10YR 8/2;5Y 8/4;10YR 7/4	High drilling disturbance Coralgal microbialite Bst pieces Branching coral, CCA, microbialite.
8.0		13R-1				+ ◇		Coralline algae;Porites-columnar	encrustation - multilayered;bioerosion	5Y 8/4;10YR 7/4	High drilling disturbance Coralgal microbialite Bst pieces Columnar coral, CCA, dendritic microbialite.
8.5						◇ +					
9.0								Coralline algae;Porites-branching;	encrustation -		Coralgal microbialite Bst

VCD legend

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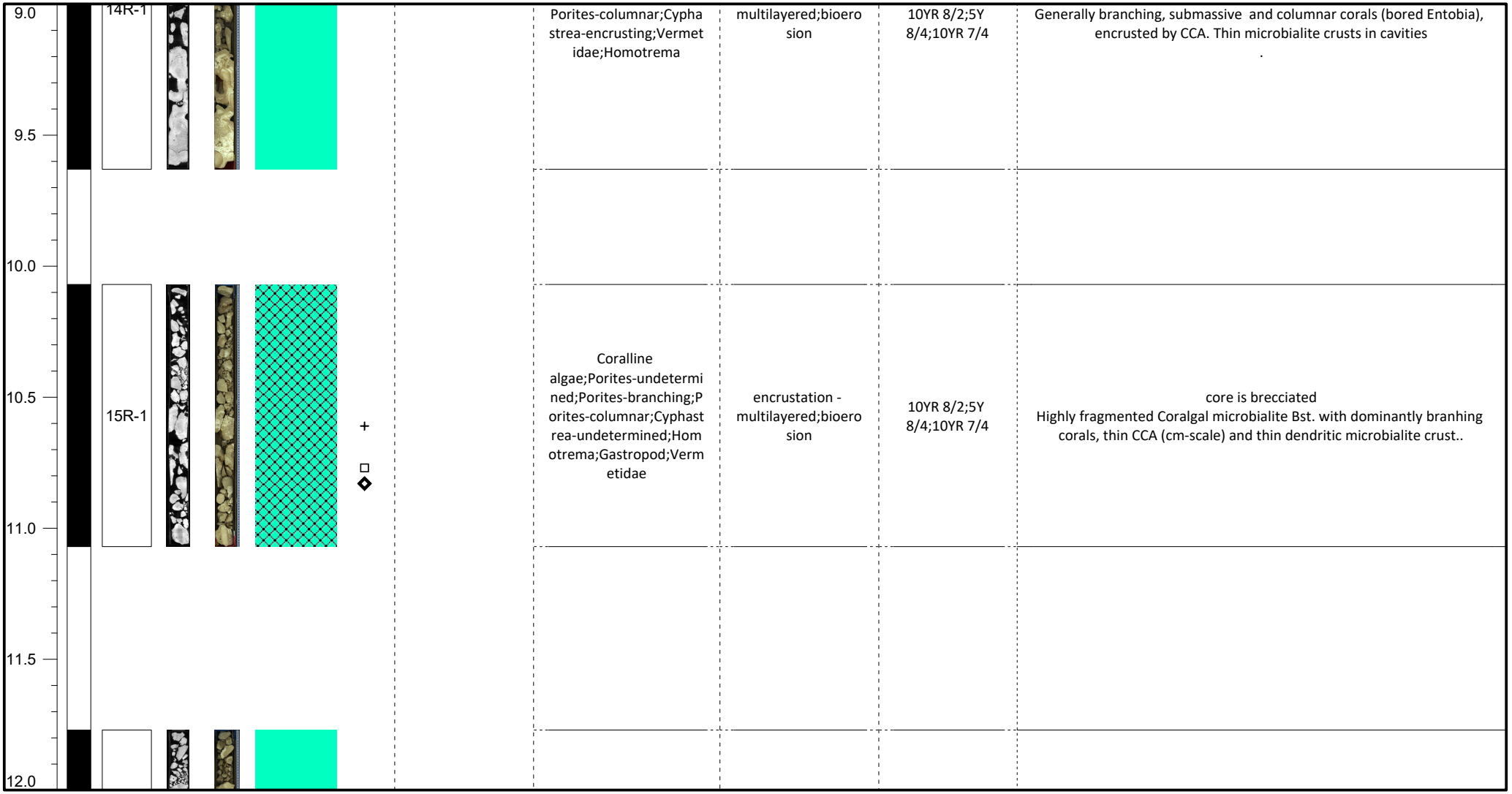
IODP Expedition 389 VCD
Site: M0097D

Hole M0097D

Region: Kawaihae
Water Depth: 424.0 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Porites-columnar;Cyphastrea-encrusting;Vermetidae;Homotrema	multilayered;bioerosion	10YR 8/2;5Y 8/4;10YR 7/4	Generally branching, submassive and columnar corals (bored Entobia), encrusted by CCA. Thin microbialite crusts in cavities .
	Coralline algae;Porites-undetermined;Porites-branching;Porites-columnar;Cyphastrea-undetermined;Homotrema;Gastropod;Vermetidae	encrustation - multilayered;bioerosion	10YR 8/2;5Y 8/4;10YR 7/4	core is brecciated Highly fragmented Coralgal microbialite Bst. with dominantly branhing corals, thin CCA (cm-scale) and thin dendritic microbialite crust..

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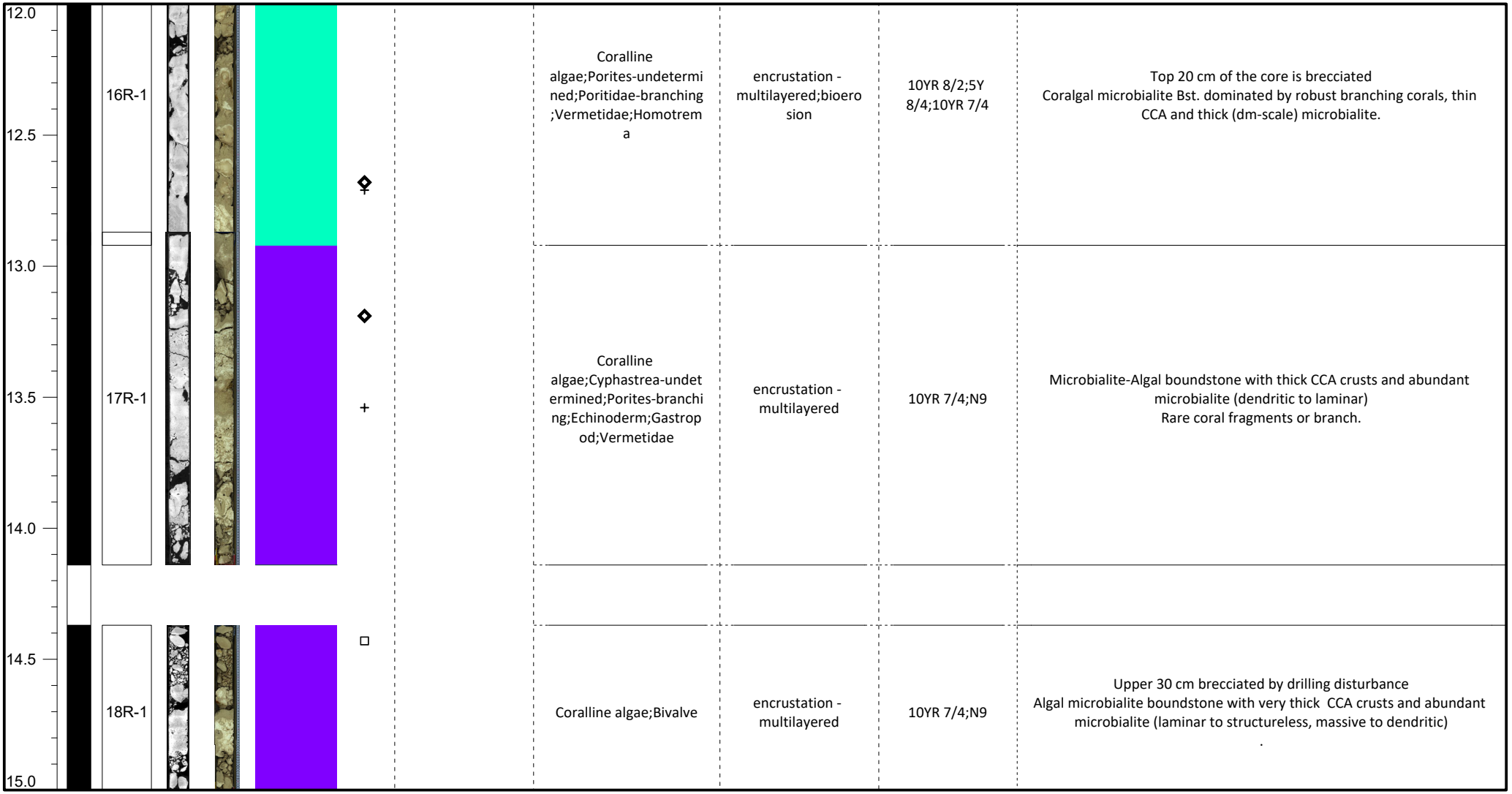
IODP Expedition 389 VCD
Site: M0097D

Hole M0097D

Region: Kawaihae
Water Depth: 424.0 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Coralline algae;Porites-undetermined;Poritidae-branching;Vermetidae;Homotrema	encrustation - multilayered;bioerosion	10YR 8/2;5Y 8/4;10YR 7/4	Top 20 cm of the core is brecciated Coralgal microbialite Bst. dominated by robust branching corals, thin CCA and thick (dm-scale) microbialite.
	Coralline algae;Cyphastrea-undetermined;Porites-branching;Echinoderm;Gastropod;Vermetidae	encrustation - multilayered	10YR 7/4;N9	Microbialite-Algal boundstone with thick CCA crusts and abundant microbialite (dendritic to laminar) Rare coral fragments or branch.
	Coralline algae;Bivalve	encrustation - multilayered	10YR 7/4;N9	Upper 30 cm brecciated by drilling disturbance Algal microbialite boundstone with very thick CCA crusts and abundant microbialite (laminar to structureless, massive to dendritic) .

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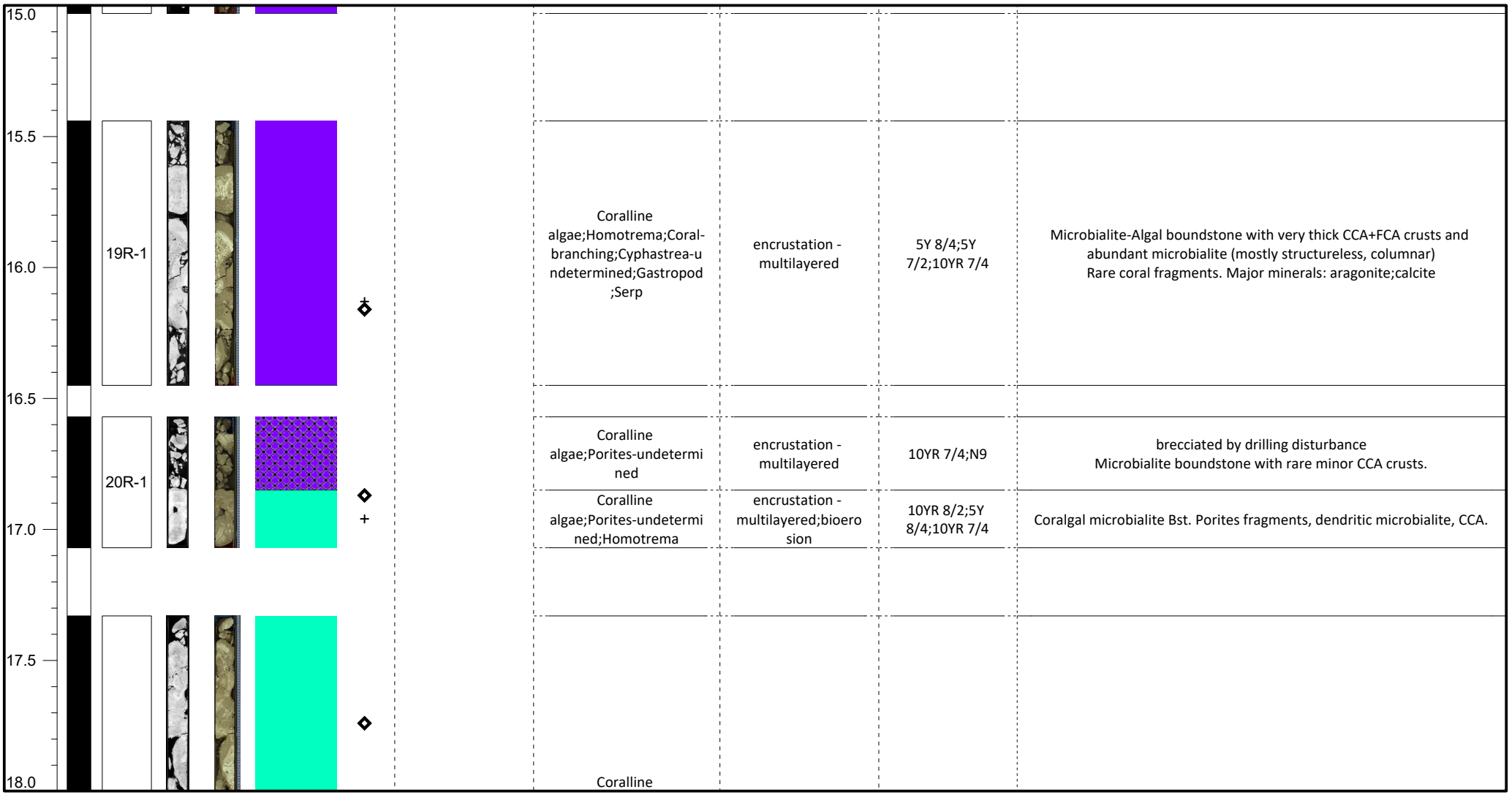
IODP Expedition 389 VCD
Site: M0097D

Hole M0097D

Region: Kawaihae
Water Depth: 424.0 m



Grain size	Fossils	Taphonomy	Color	Visual core description
	Coralline algae;Homotrema;Coral-branching;Cyphastrea-undetermined;Gastropod;Serp	encrustation - multilayered	5Y 8/4;5Y 7/2;10YR 7/4	Microbialite-Algal boundstone with very thick CCA+FCA crusts and abundant microbialite (mostly structureless, columnar) Rare coral fragments. Major minerals: aragonite;calcite
	Coralline algae;Porites-undetermined	encrustation - multilayered	10YR 7/4;N9	brecciated by drilling disturbance Microbialite boundstone with rare minor CCA crusts.
	Coralline algae;Porites-undetermined;Homotrema	encrustation - multilayered;bioerosion	10YR 8/2;5Y 8/4;10YR 7/4	Coralgal microbialite Bst. Porites fragments, dendritic microbialite, CCA.
	Coralline			

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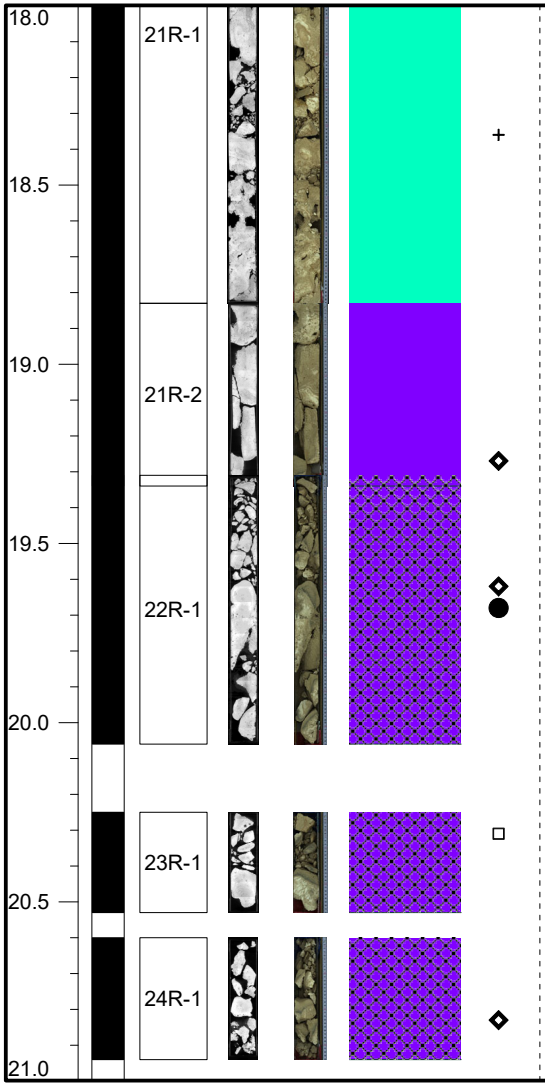

Grain size	Fossils	Taphonomy	Color	Visual core description
	algae;Serp;Porites-branching;Vermetidae;Homotrema;Echinoderm;Gastropod	encrustation - multilayered;bioerosion	10YR 8/2;5Y 8/4;10YR 7/4	Coralgal microbialite Bst. with mostly fine branching corals, encrusted by thick algal crusts and abundant cm to dm microbialite crust Cavities are partially filled by internal white sediments rich in bioclasts (urchin, bivalves, gastropods...).
	Coralline algae;Porites-branching;Cyphastrea-encrusting;Coral-undetermined			Microbialite algal Bst. with a few branching corals. Thick algal crusts (FCA and CCA) and abundant dendritic microbialite. Major minerals: aragonite;calcite
	Coralline algae;Porites-branching;Homotrema	encrustation - multilayered;bioerosion	10YR 8/2;5Y 8/4;10YR 7/4	Top 30 cm and base brecciated by drilling disturbance Microbialite-algal Bst. with rare branching Porites, occasional algal crusts and abundant dendritic microbialite.
	Coralline algae;Porites-branching;Homotrema	encrustation - multilayered;bioerosion	10YR 8/2;5Y 8/4;10YR 7/4	Microbialite algal Bst. with a few altered branching corals. Thick microbialite (laminated to structureless) and algal crusts (FCA and CCA).. Major minerals: aragonite;calcite
	Coralline algae	encrustation - multilayered	10YR 7/4;N9	High drilling disturbance Pieces of Microbialite-algalboundstone with a few clasts of CCA crusts and broken columnar-laminated microbialite.

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- FRW-MicrobBound
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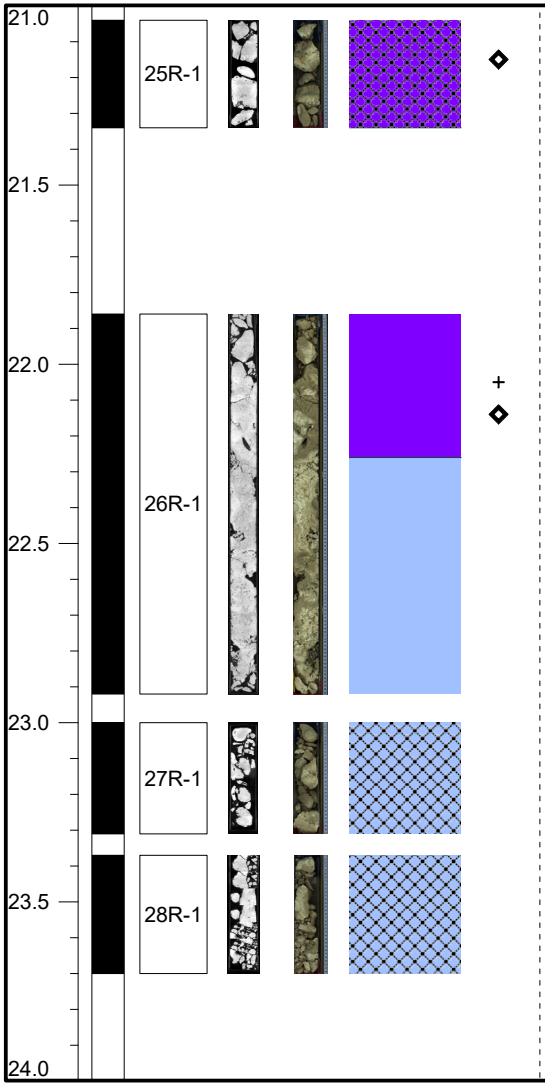

Grain size	Fossils	Taphonomy	Color	Visual core description
	Coralline algae;Homotrema	encrustation - multilayered;bioerosion	5Y 8/4;10YR 7/4	High drilling disturbance Crushed algal microbialite bst. Some composite FCA and CCA crusts Dendritic microbialite.
	Coralline algae;Porites-branching	encrustation - multilayered;bioerosion	10YR 7/4;N9	Algal microbialite bst. CCA crusts. columnar laminated microbialite. Major minerals: aragonite;calcite
	Coralline algae;Porites-columnar;Gastropod;Homotrema;Vermetidae		10YR 8/2;5Y 8/4;10YR 7/4	Algal Bst. with one piece of colunar coral, thick algal crusts (CCA+FCA) and microbialite. Major minerals: aragonite;calcite
	Coralline algae	encrustation - multilayered	10YR 7/4;N9	High drilling disturbance Crushed Algal microbialite bst. CCA crusts. . Major minerals: aragonite;calcite
	Coralline algae;Gastropod;Echinoderm	encrustation - multilayered	10YR 7/4;N9	High drilling disturbance Crushed Algal microbialite bst. CCA crusts. One occurence of branching coral .

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