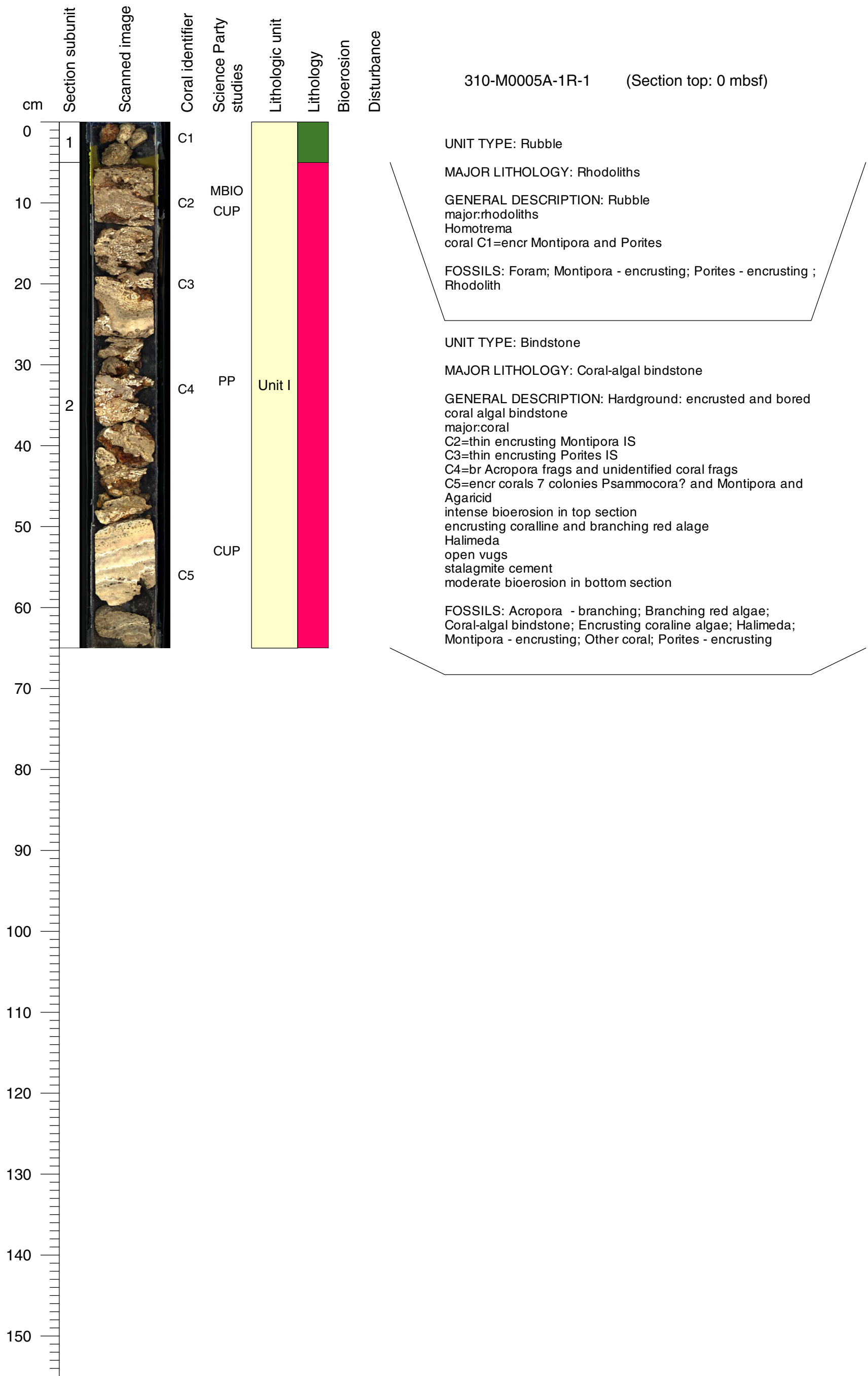
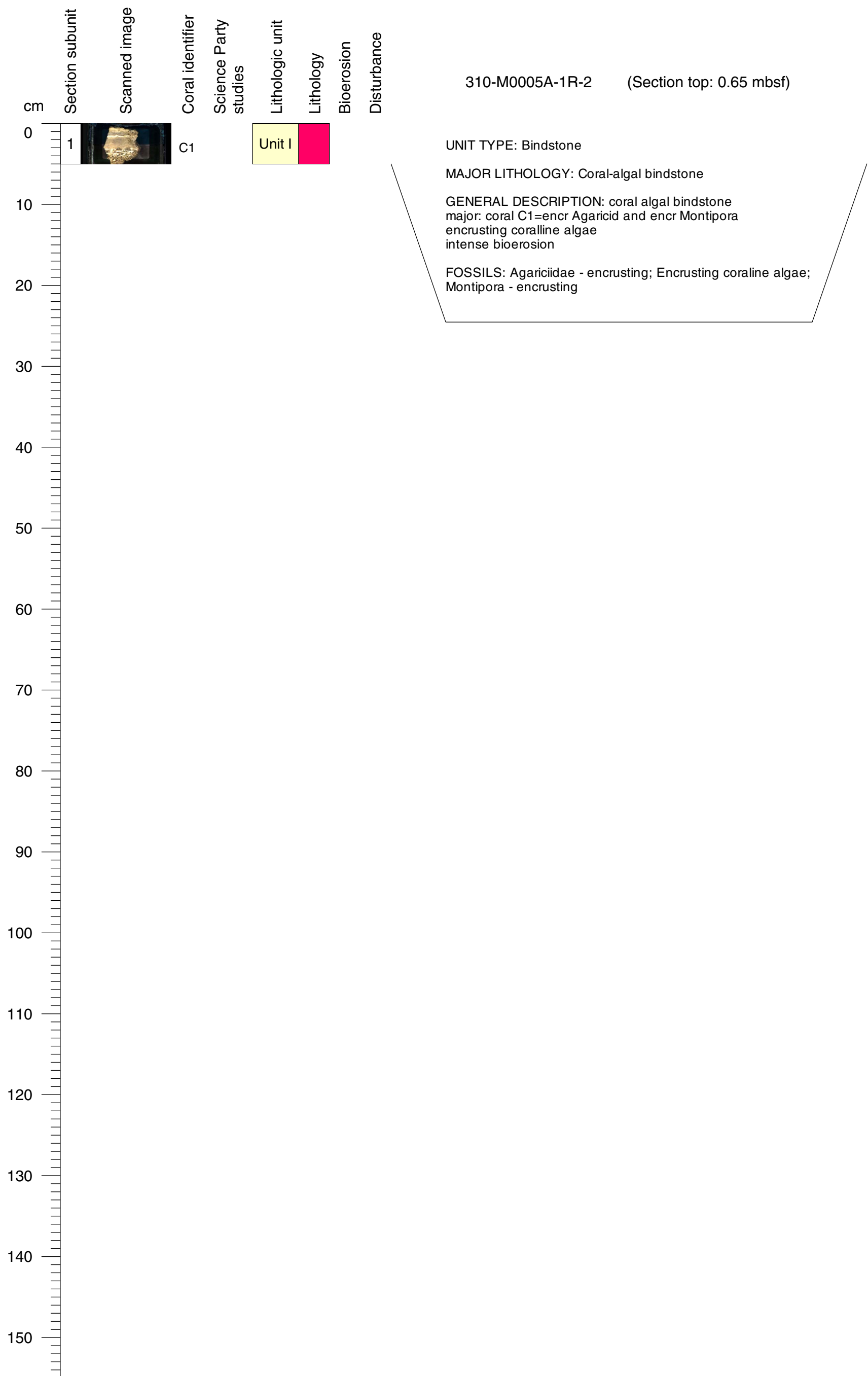


Core Photo

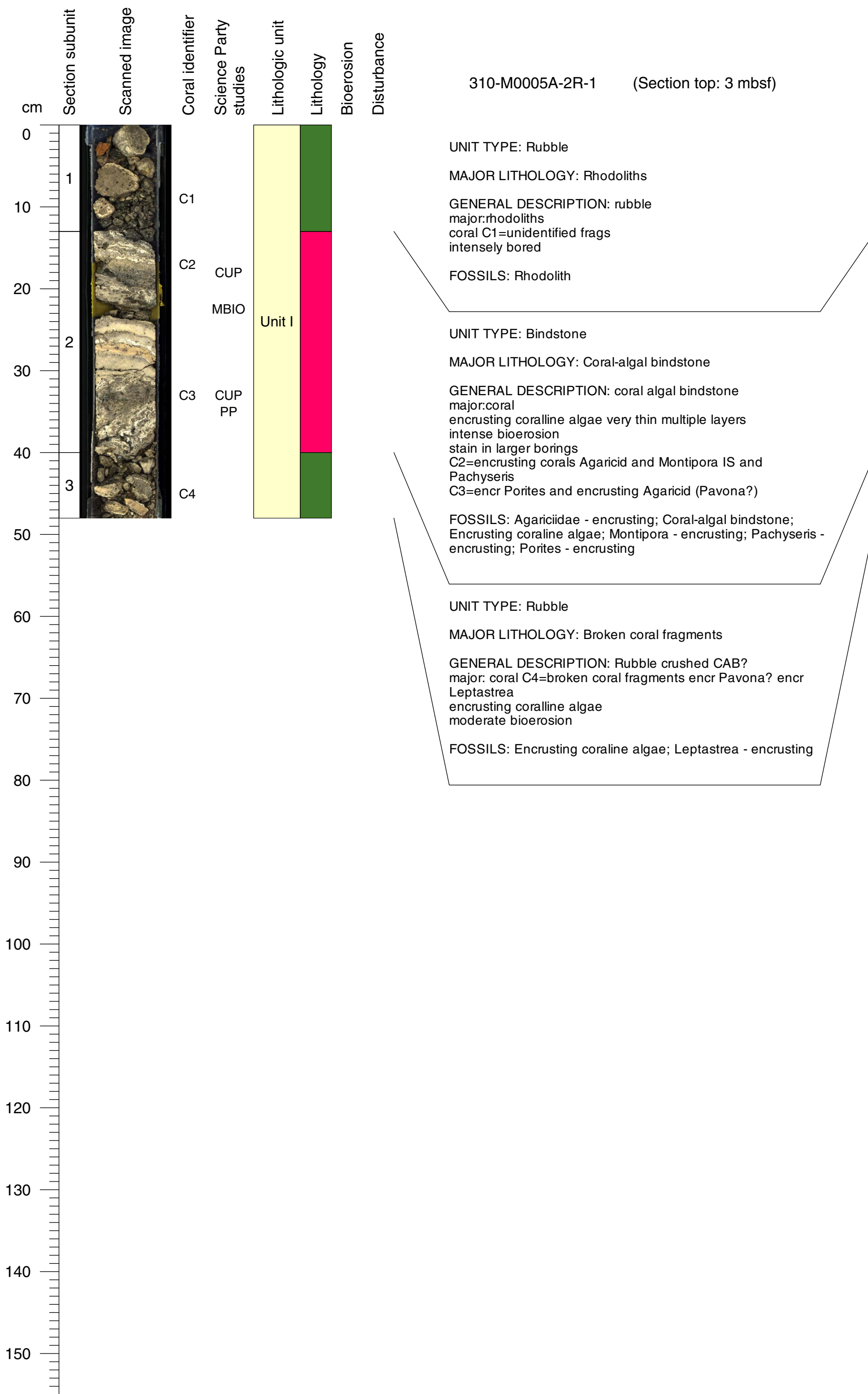


Core Photo

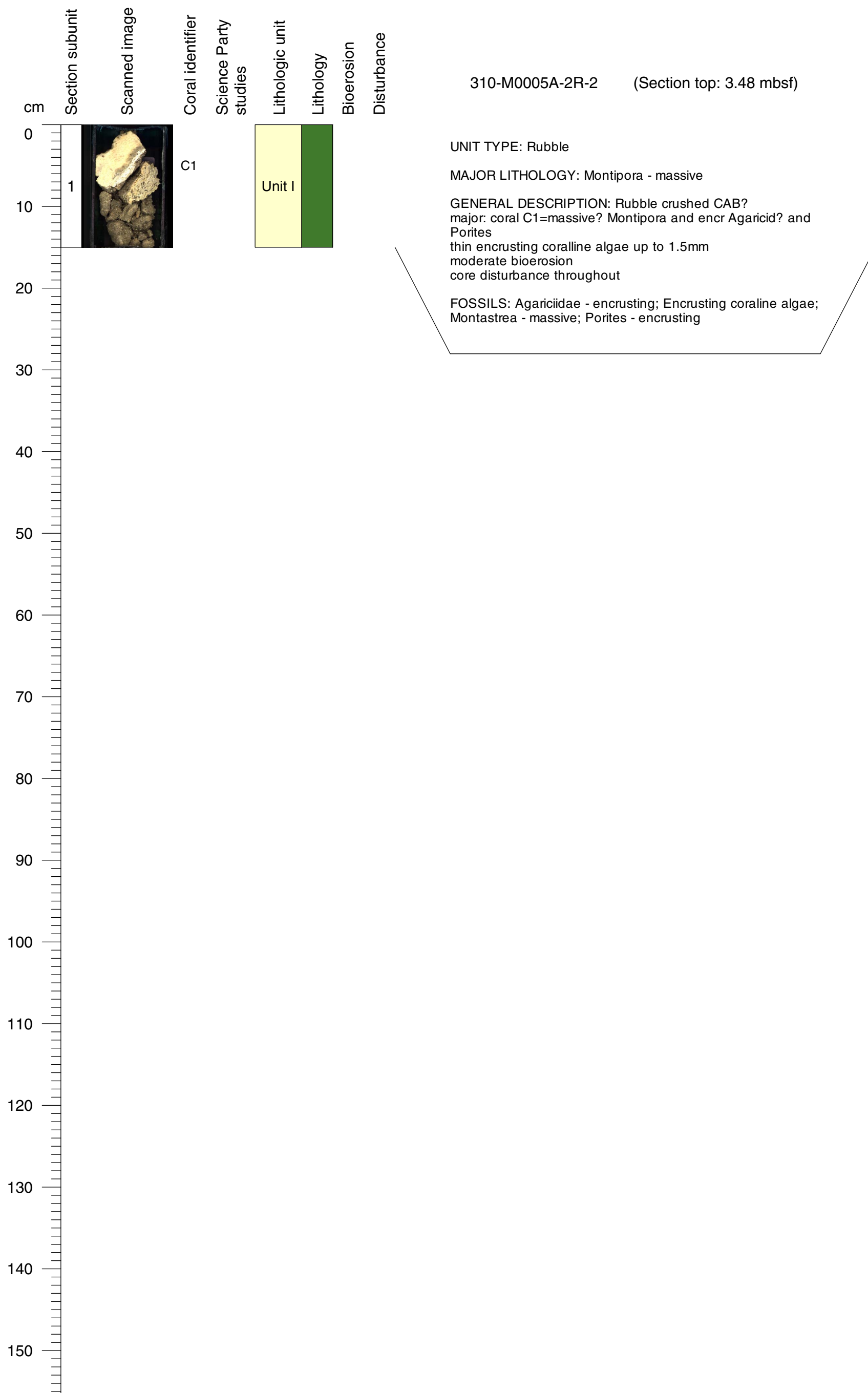


Core Photo

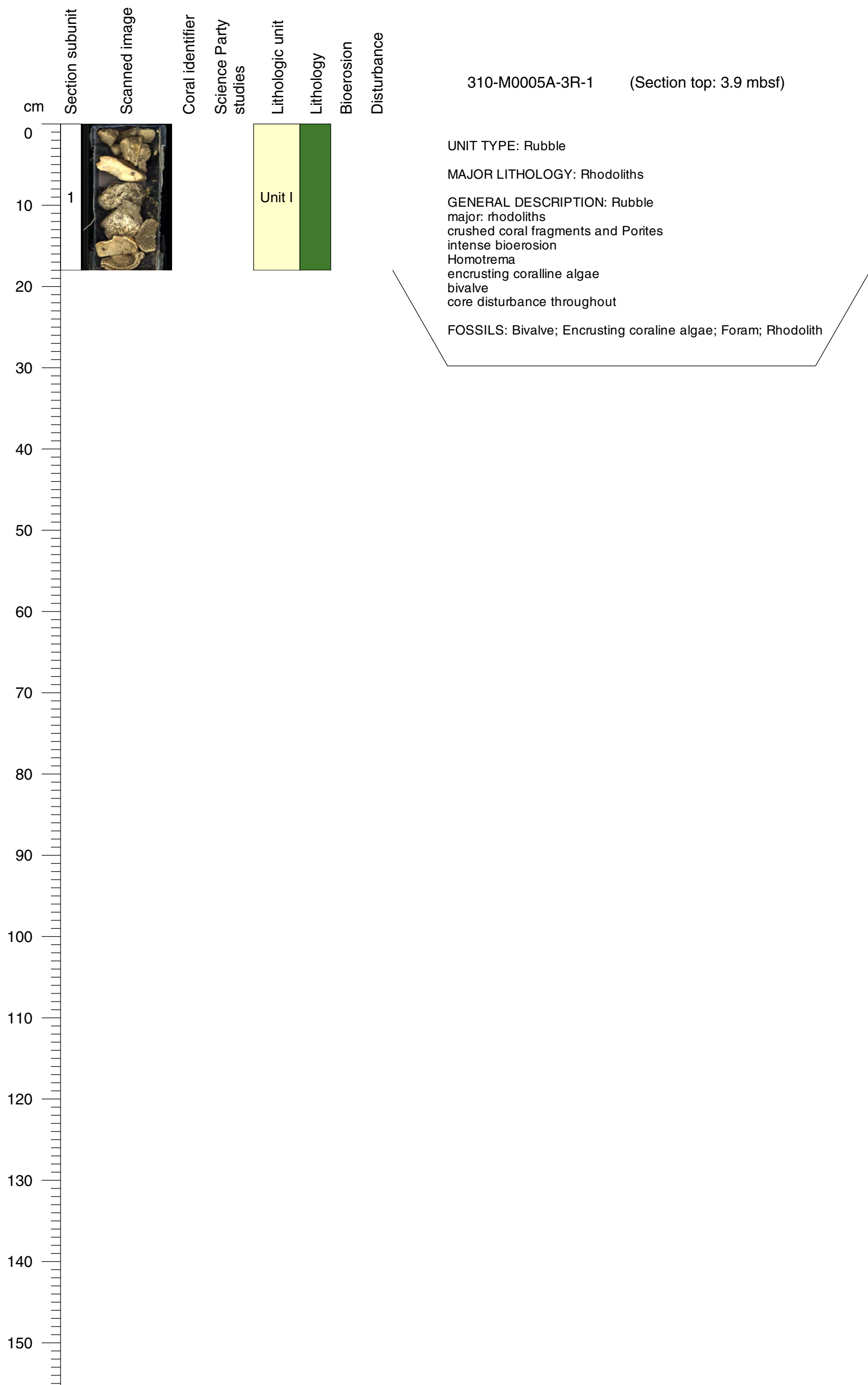
310-M0005A-2R-1 (Section top: 3 mbsf)



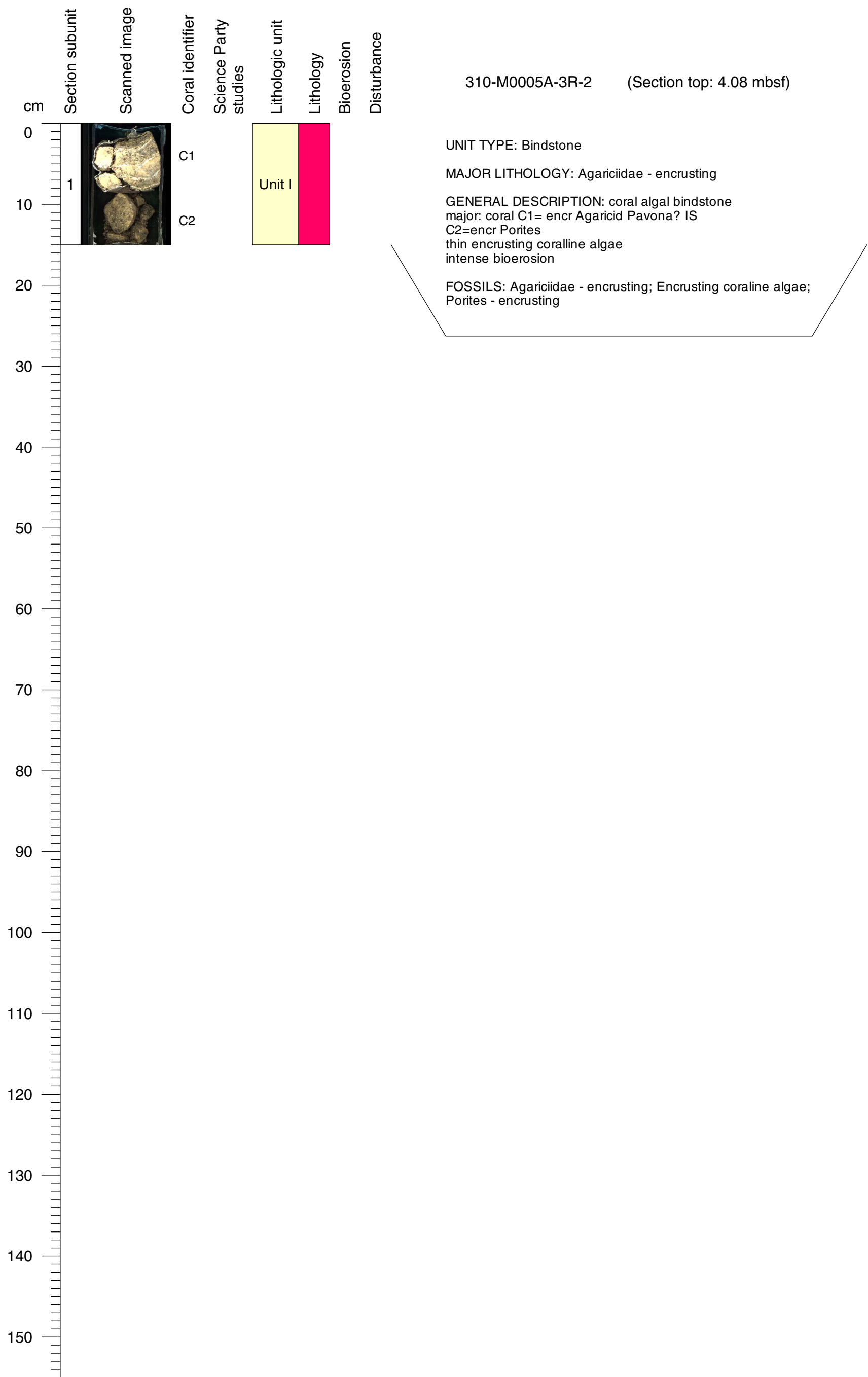
Core Photo



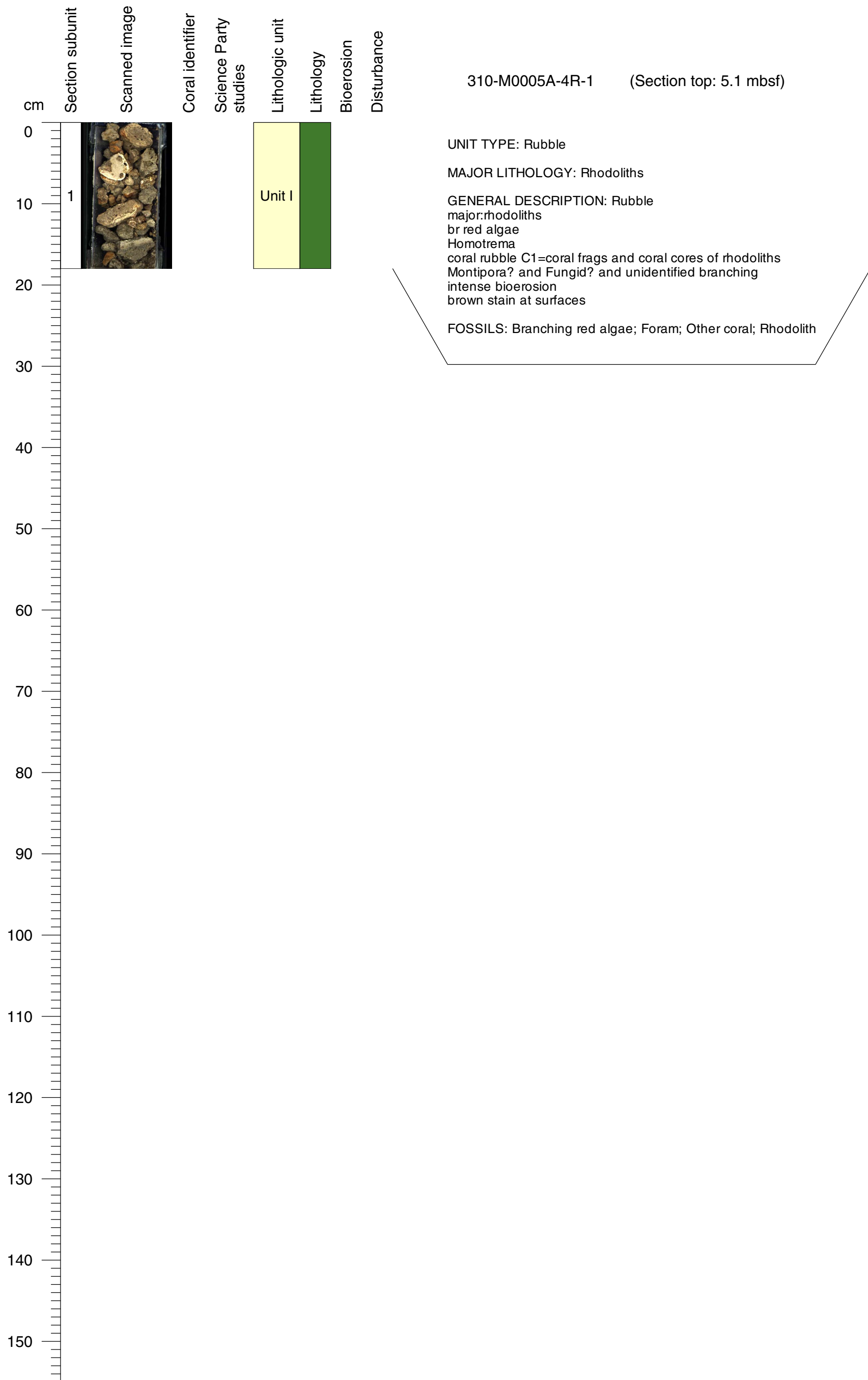
Core Photo



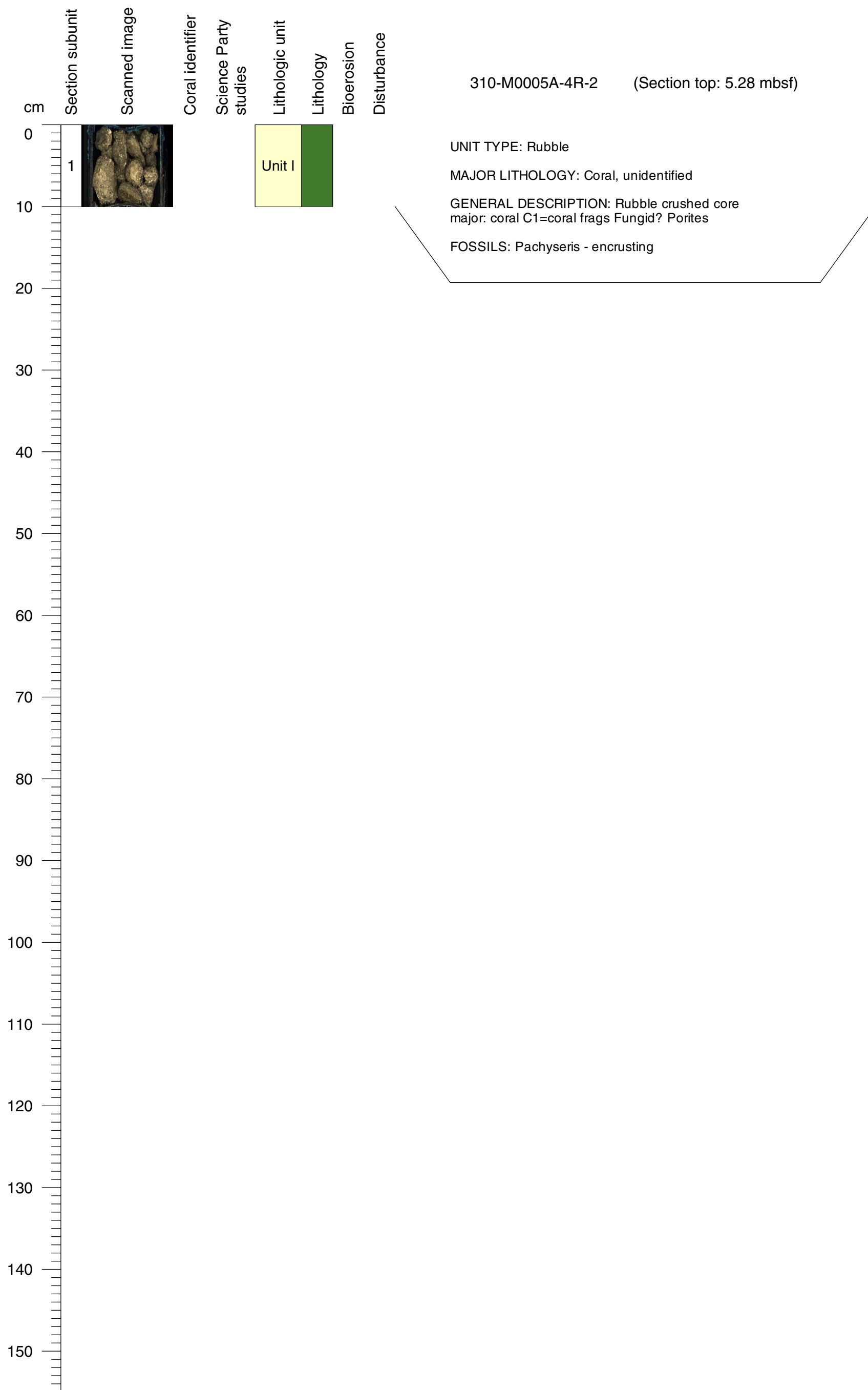
Core Photo



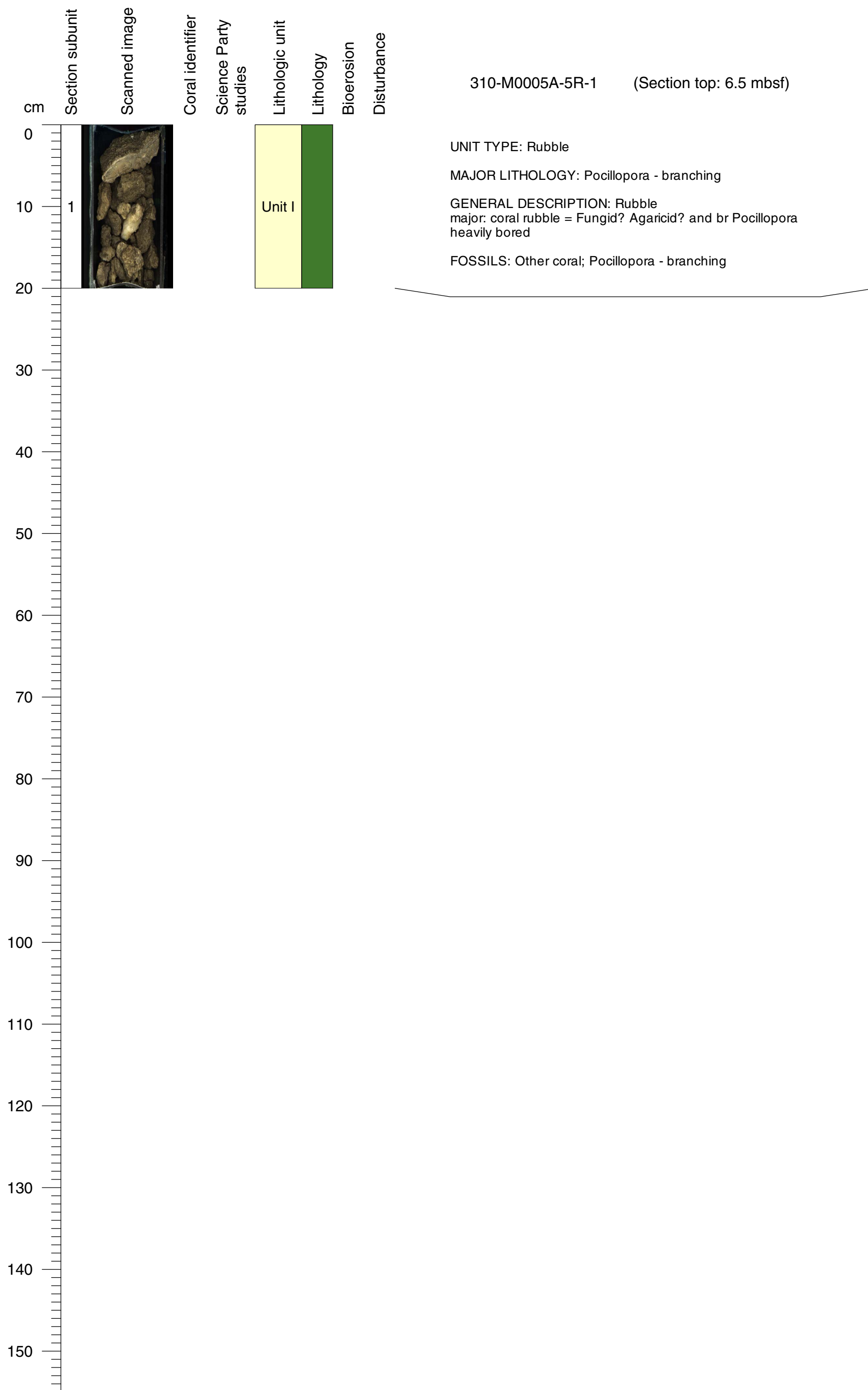
Core Photo



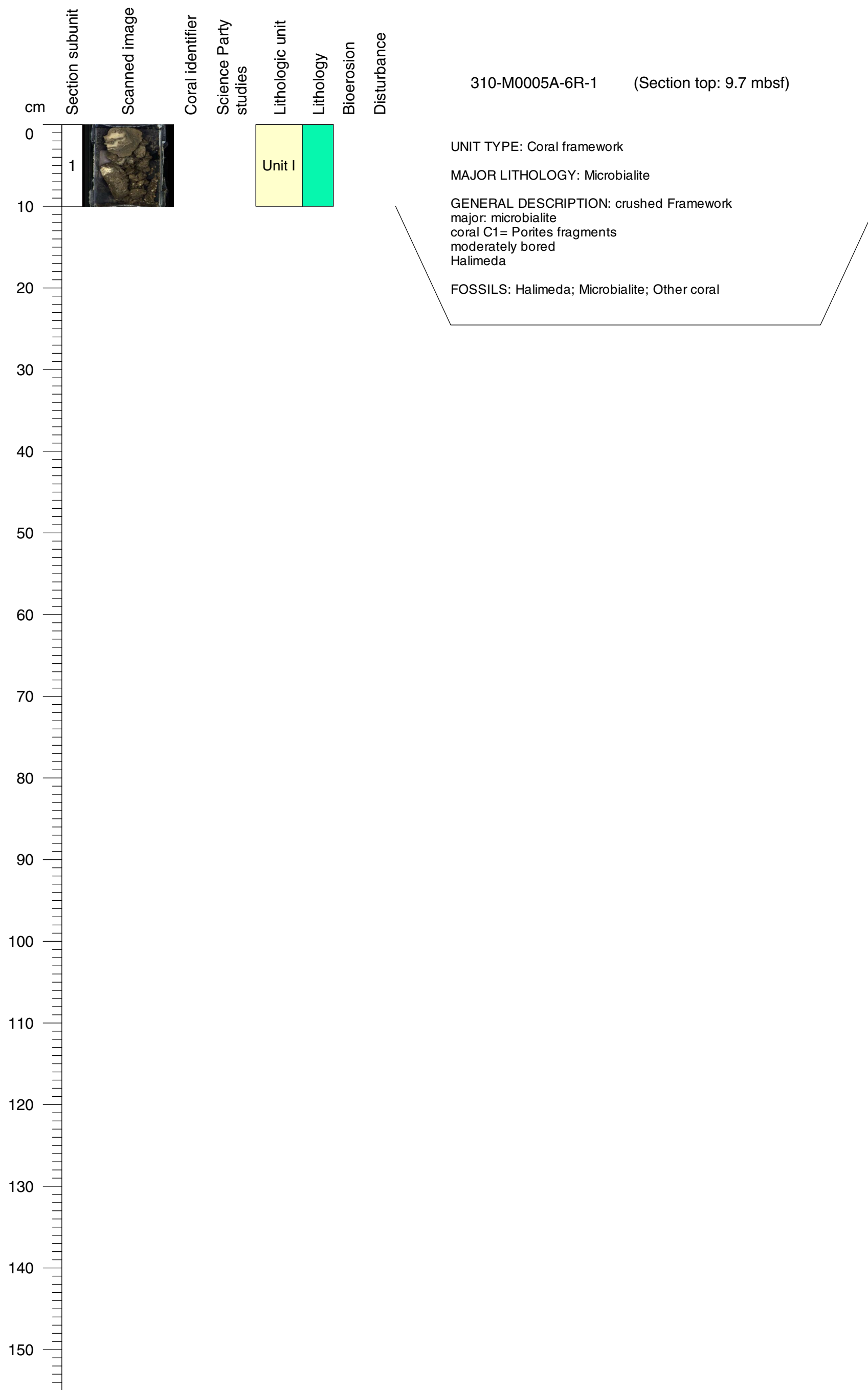
Core Photo



Core Photo

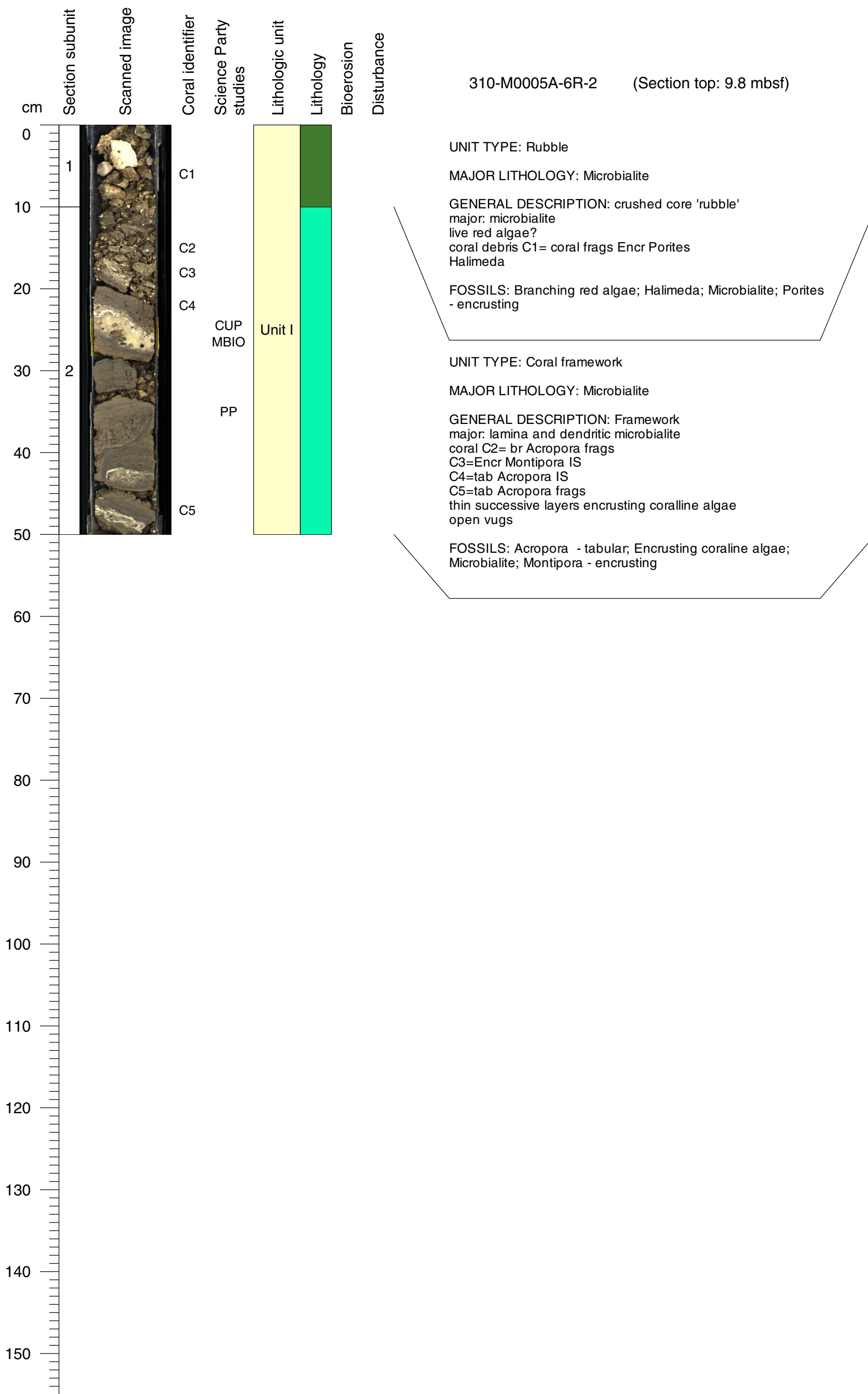


Core Photo

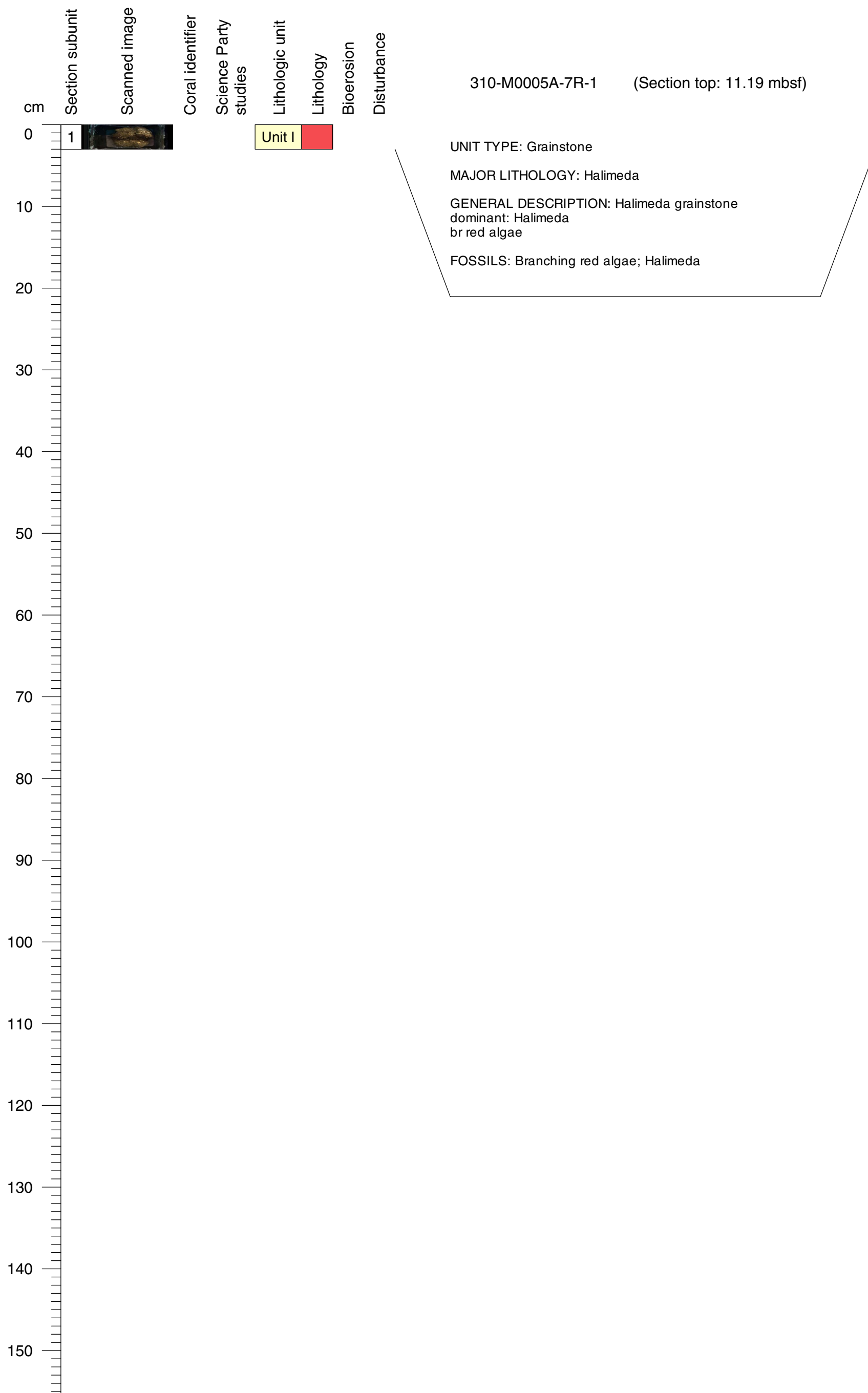


Core Photo

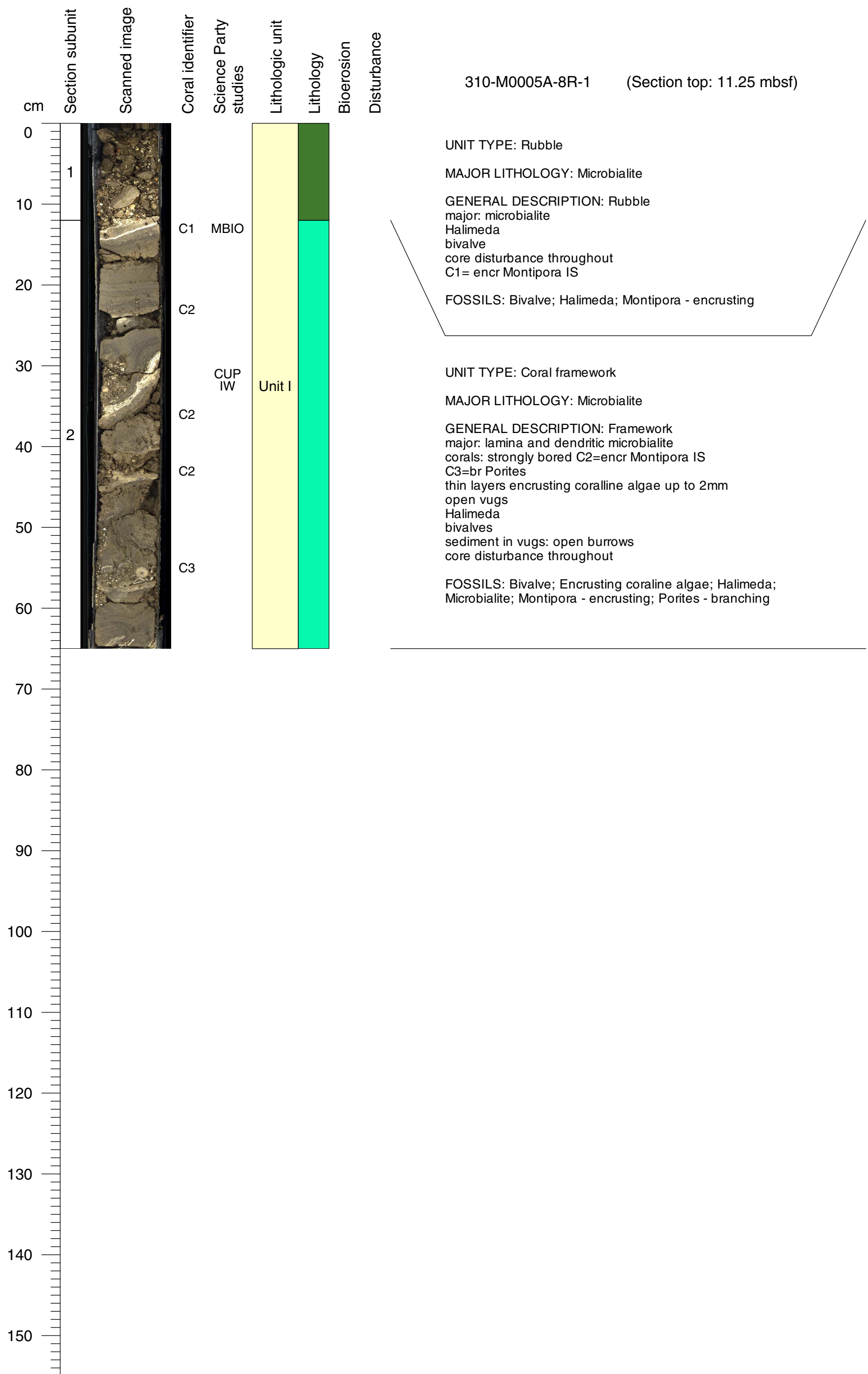
310-M0005A-6R-2 (Section top: 9.8 mbsf)



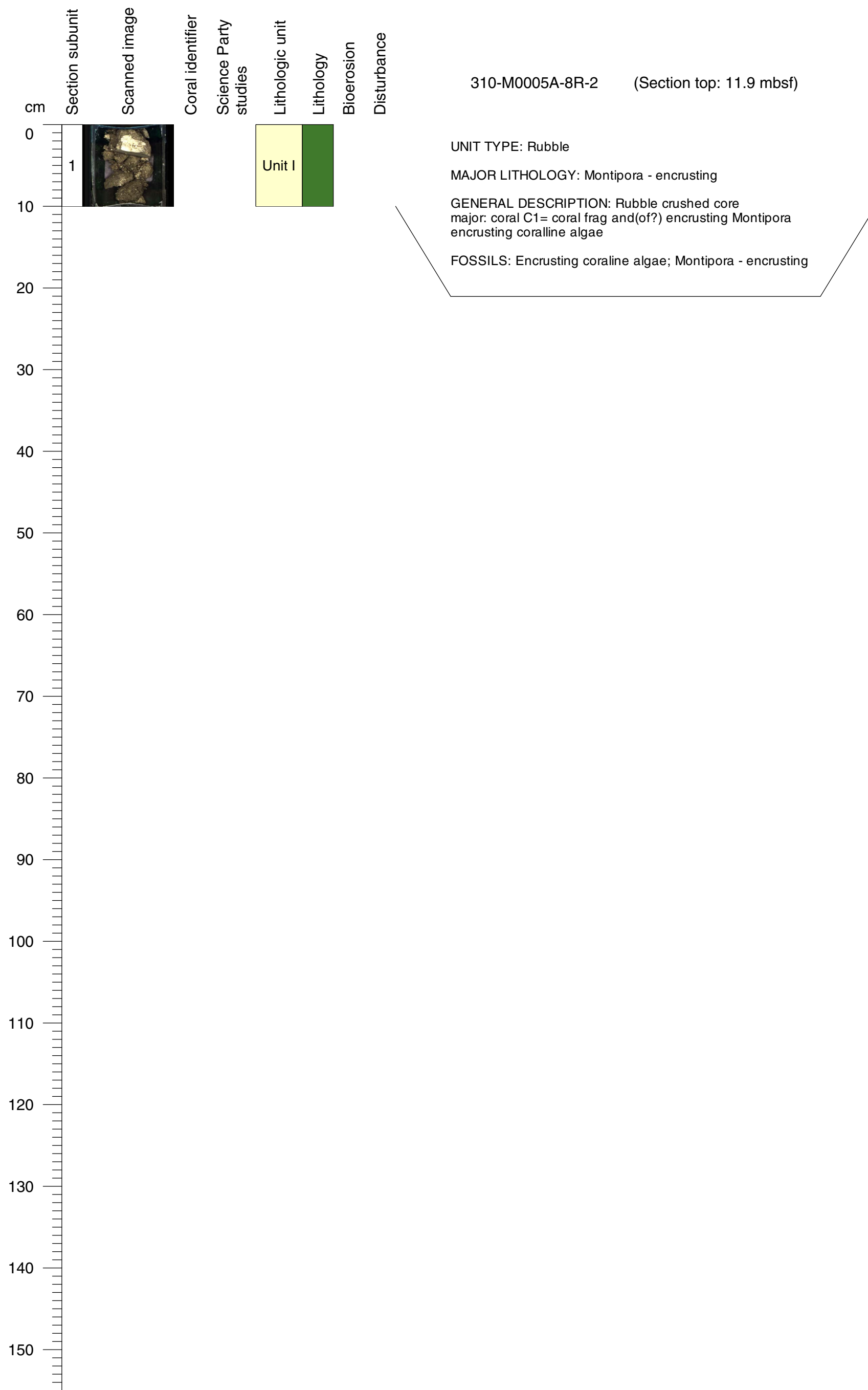
Core Photo



Core Photo

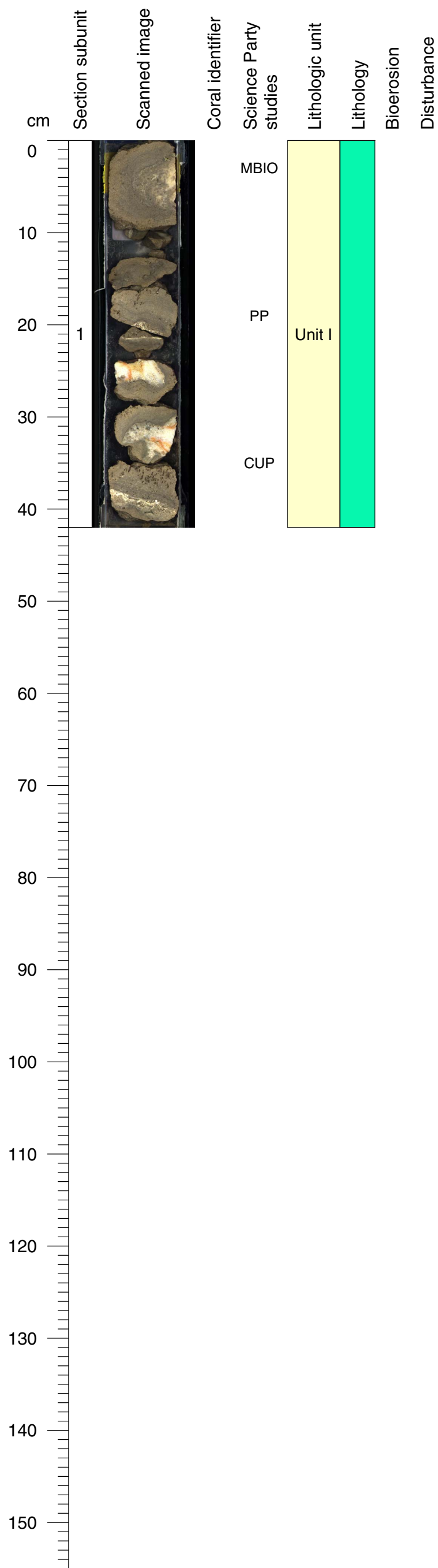


Core Photo



Core Photo

310-M0005A-9R-1 (Section top: 12.5 mbsf)



UNIT TYPE: Coral framework

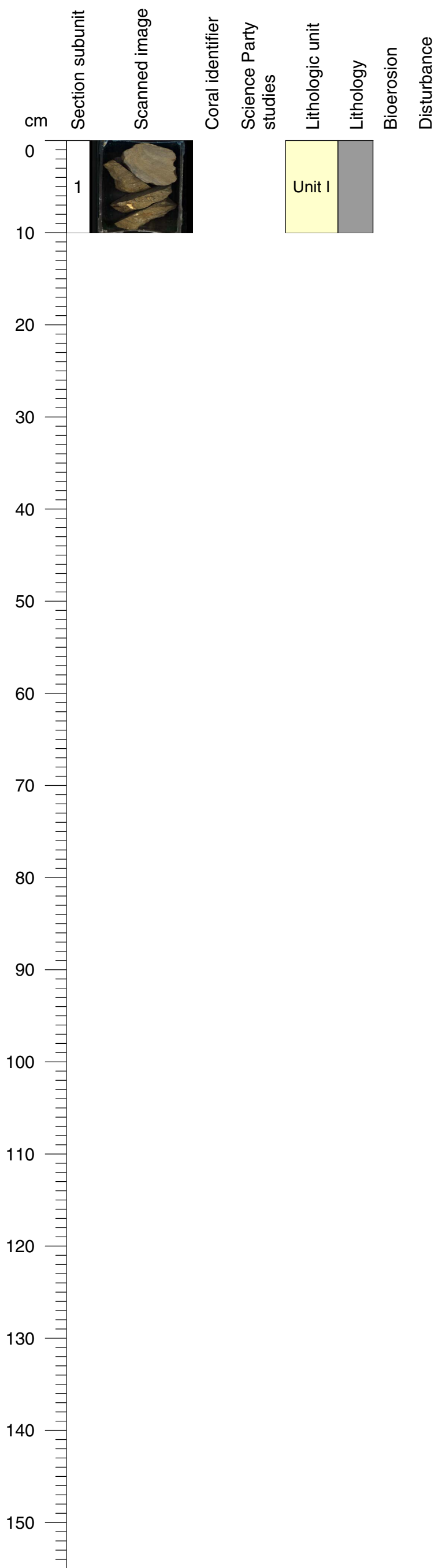
MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: Framework major: lamina and dendritic microbialite coral with red stain
 C1= tab Acropora frags
 C2=rob br Pocillopora
 C3=tab Acropora frags
 minor bioerosion
 thin encrusting coralline algae
 open vugs
 microbialite grows into open vugs
 core disturbance throughout

FOSSILS: Acropora - tabular; Encrusting coralline algae; Microbialite; Pocillopora - robust branching



Core Photo



310-M0005A-10R-1 (Section top: 14.8 mbsf)

UNIT TYPE: Microbialite

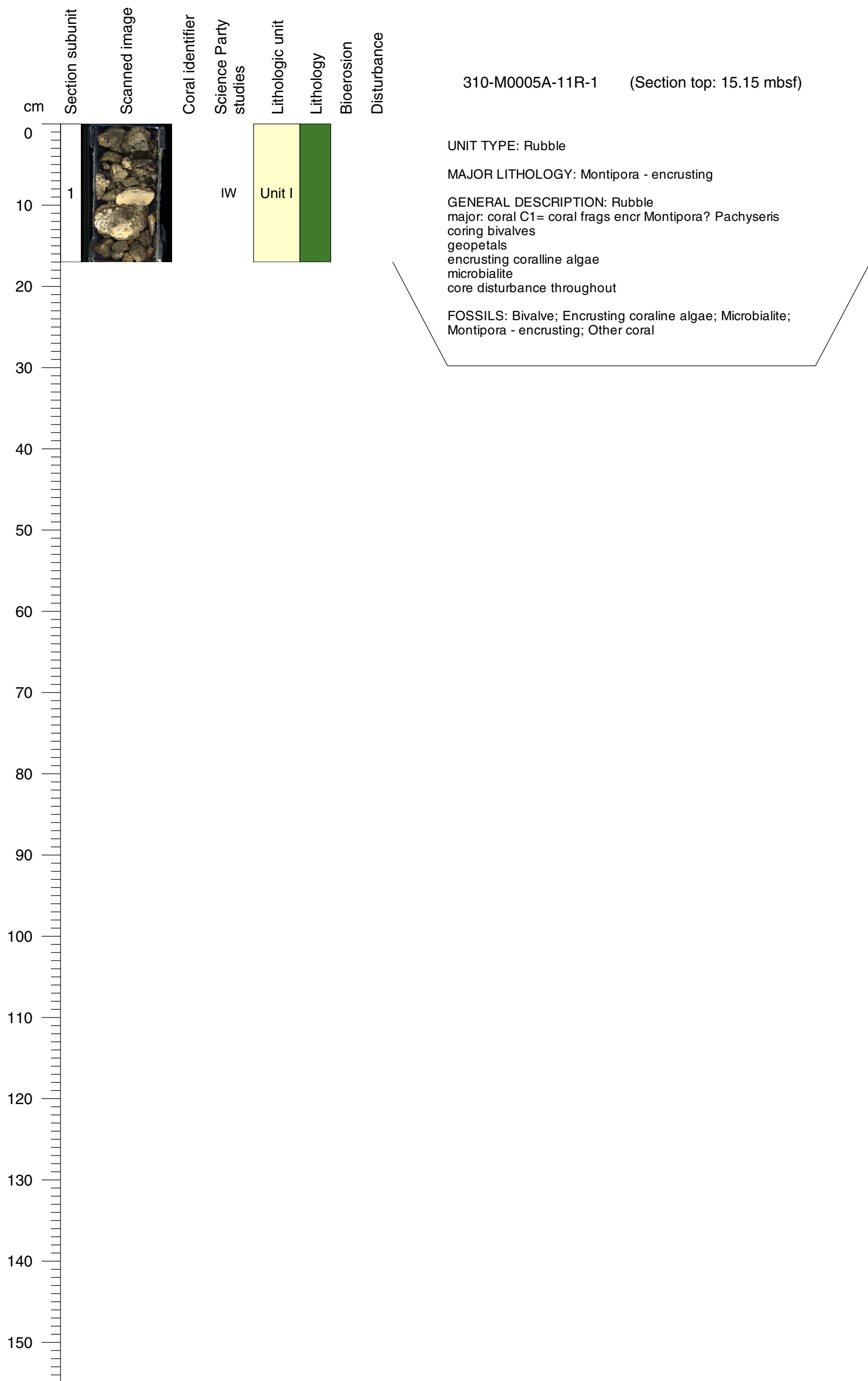
MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: Microbialite
 major: lamina microbialite
 Halimeda
 encrusting coralline algae
 presumably framework of corals with microbialite but no corals hit here
 coral=unidentified coral frags
 core disturbance throughout

FOSSILS: Coral frags., unident.; Encrusting coralline algae; Halimeda; Microbialite

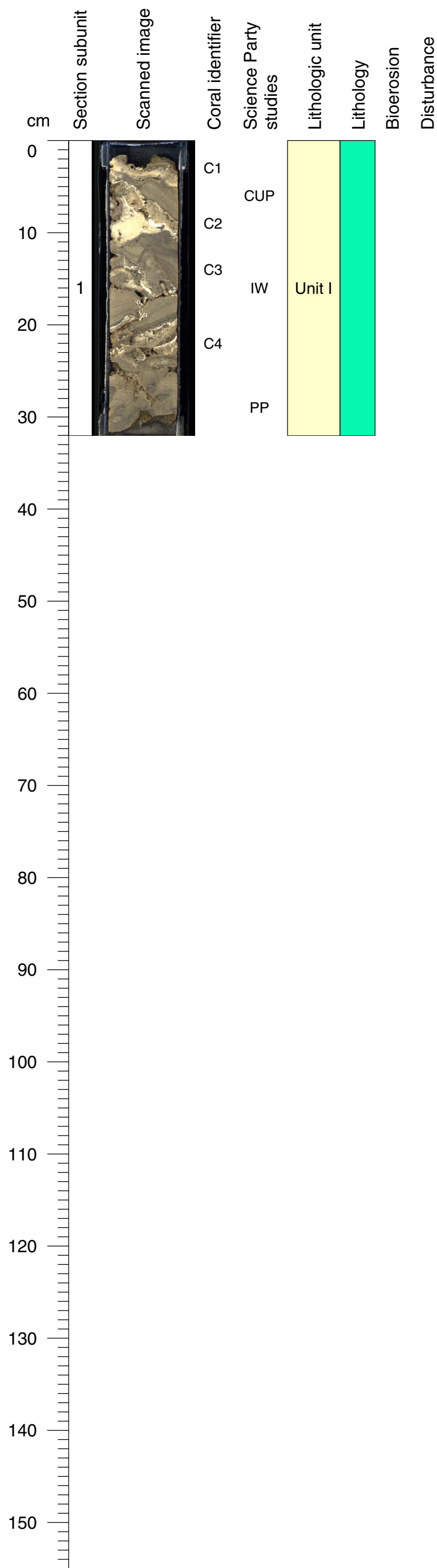


Core Photo



Core Photo

310-M0005A-11R-2 (Section top: 15.32 mbsf)



UNIT TYPE: Coral framework

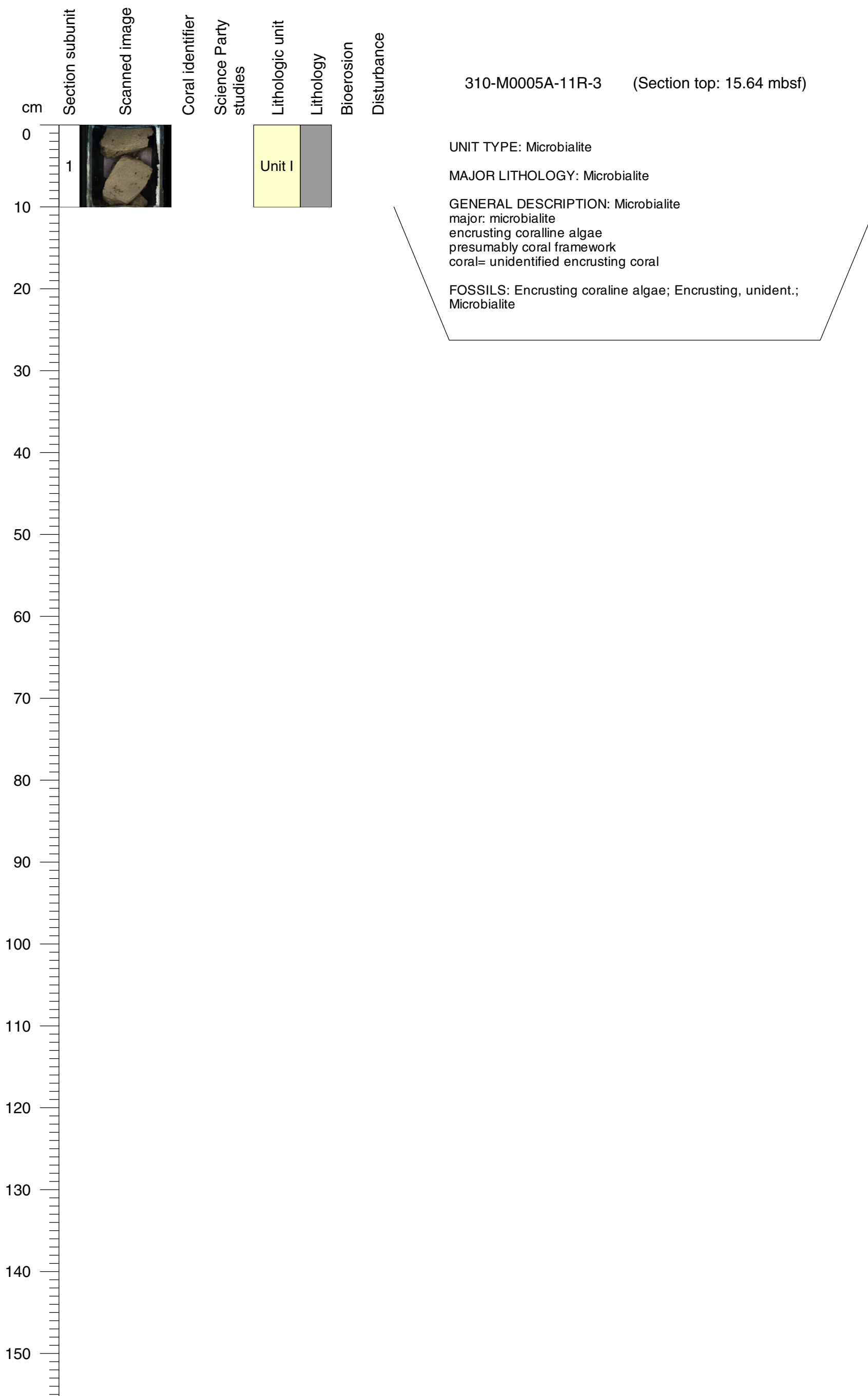
MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: Framework major: lamina and dendritic microbialite coral some strongly bored C1=encr Montipora IS C2=br and tab Acropora frags C3=encr Porites C4=tabular Acropora frags

FOSSILS: Acropora - branching; Acropora - tabular; Microbialite; Montipora - encrusting; Porites - encrusting

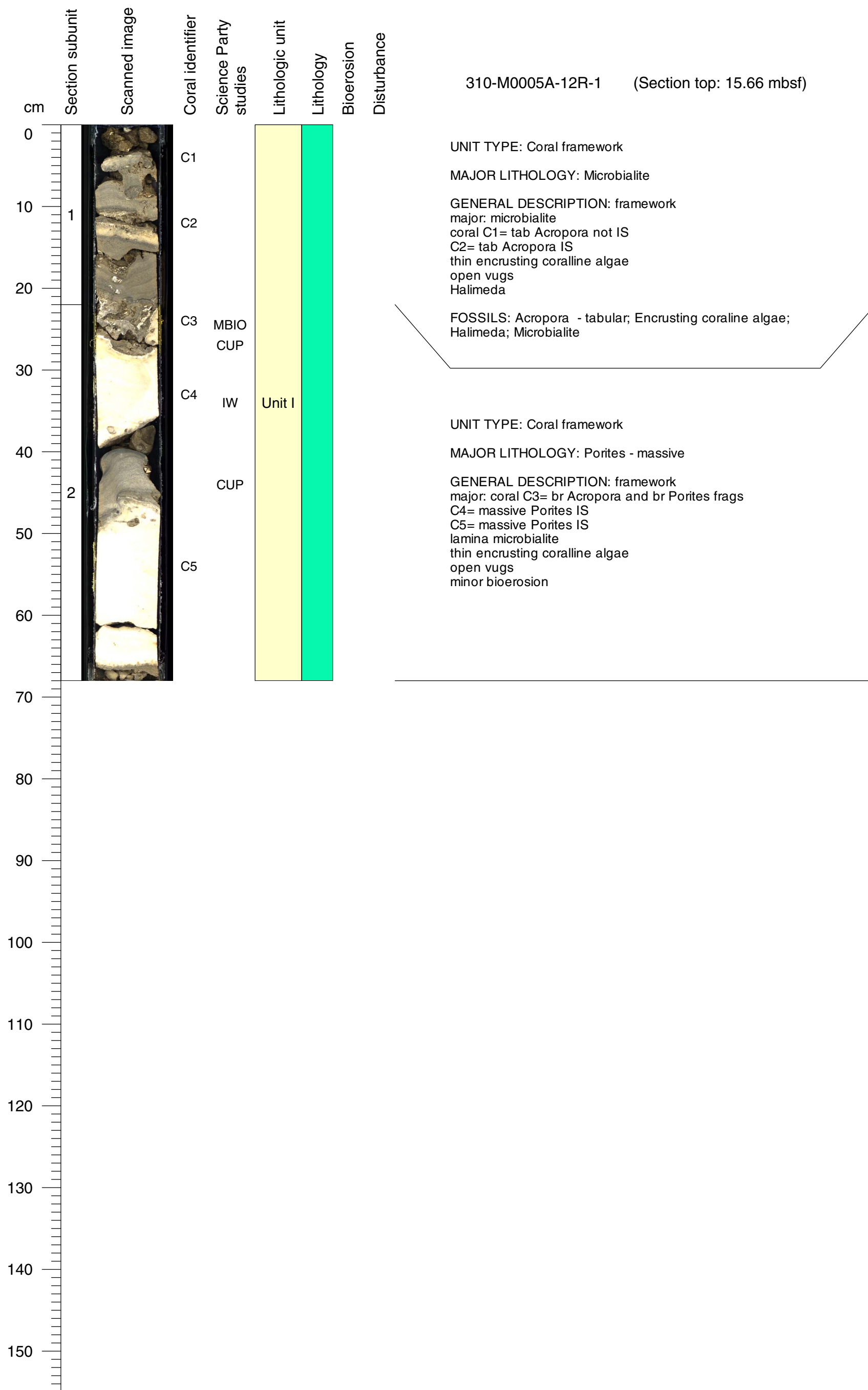


Core Photo

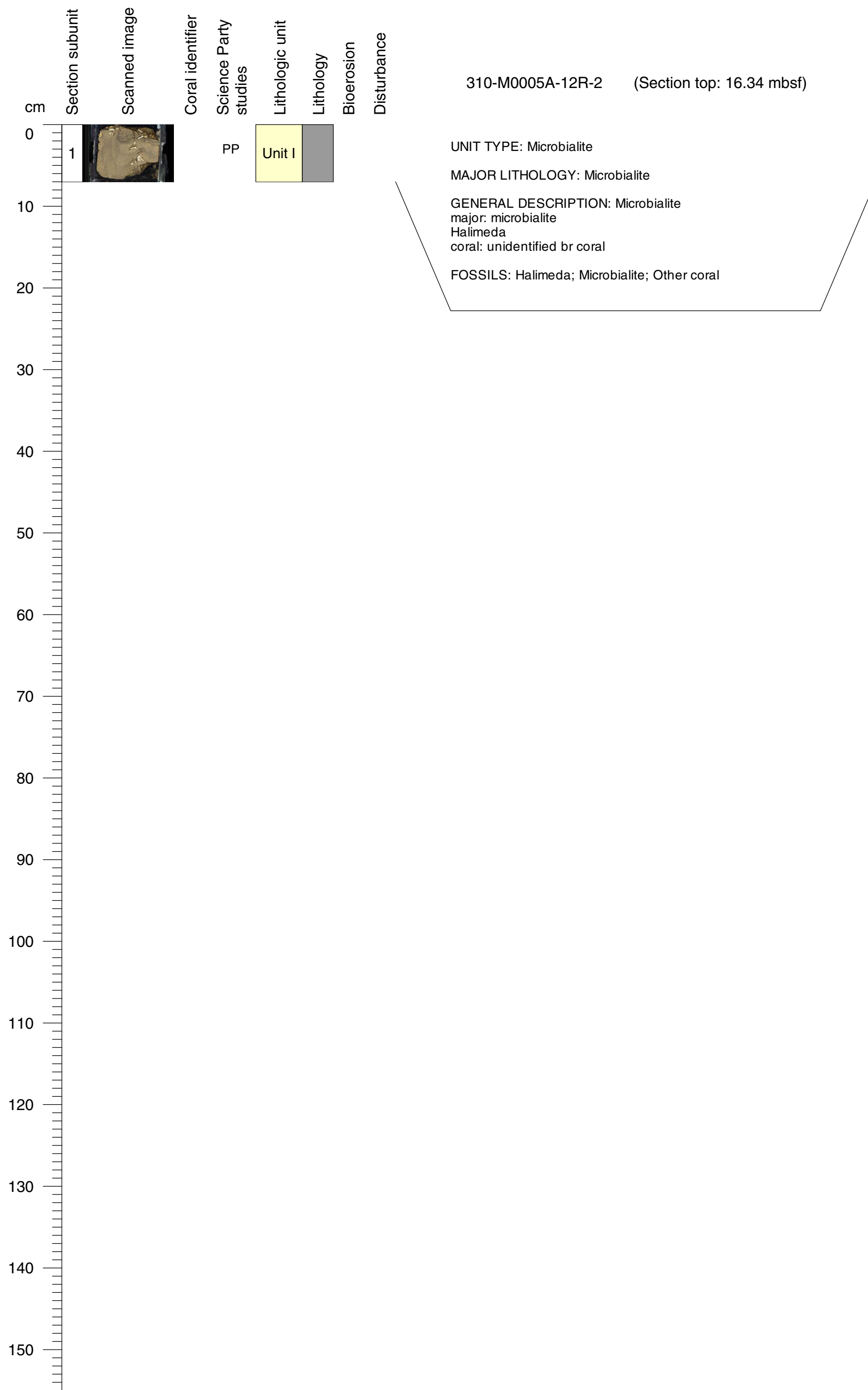


Core Photo

310-M0005A-12R-1 (Section top: 15.66 mbsf)

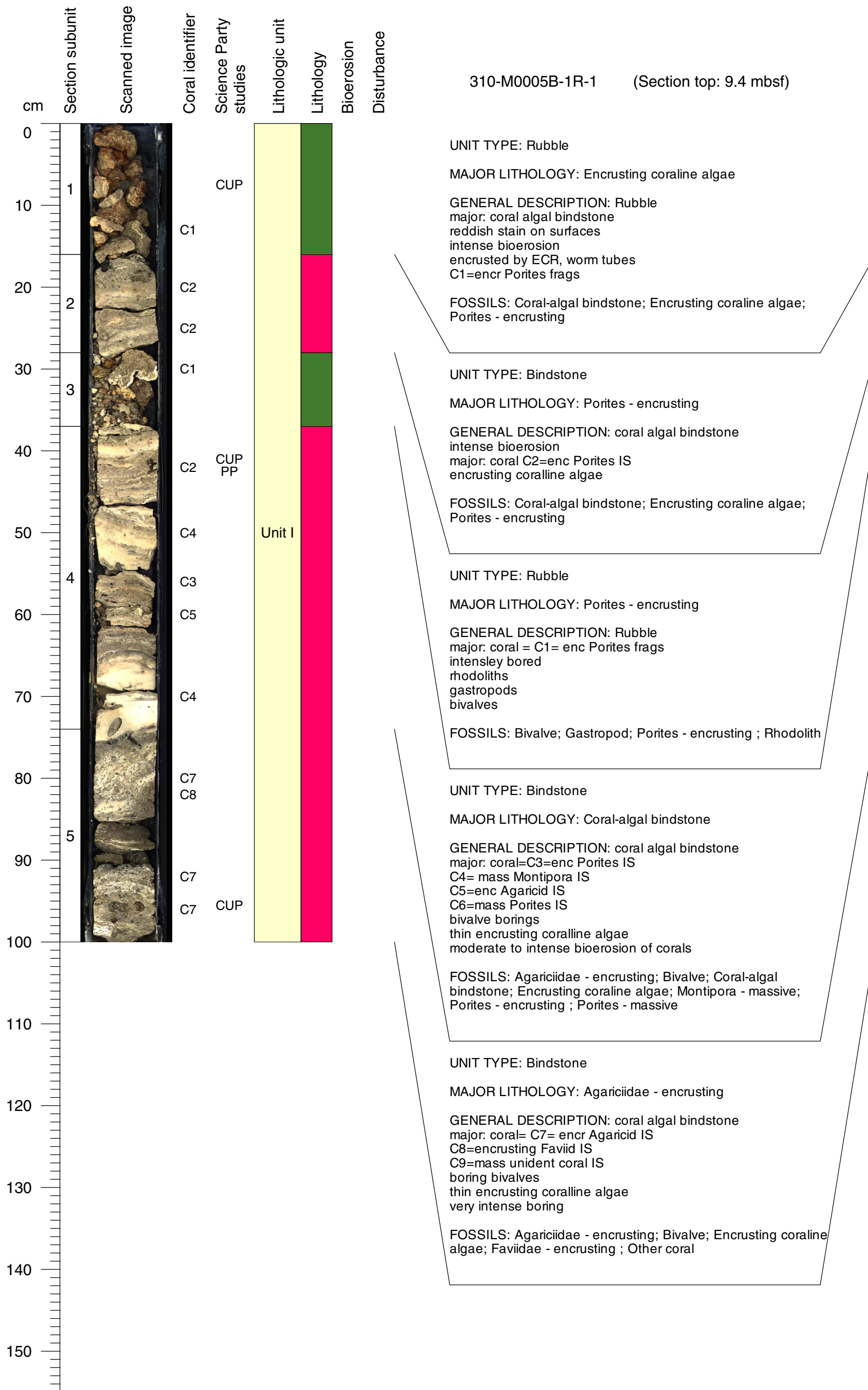


Core Photo

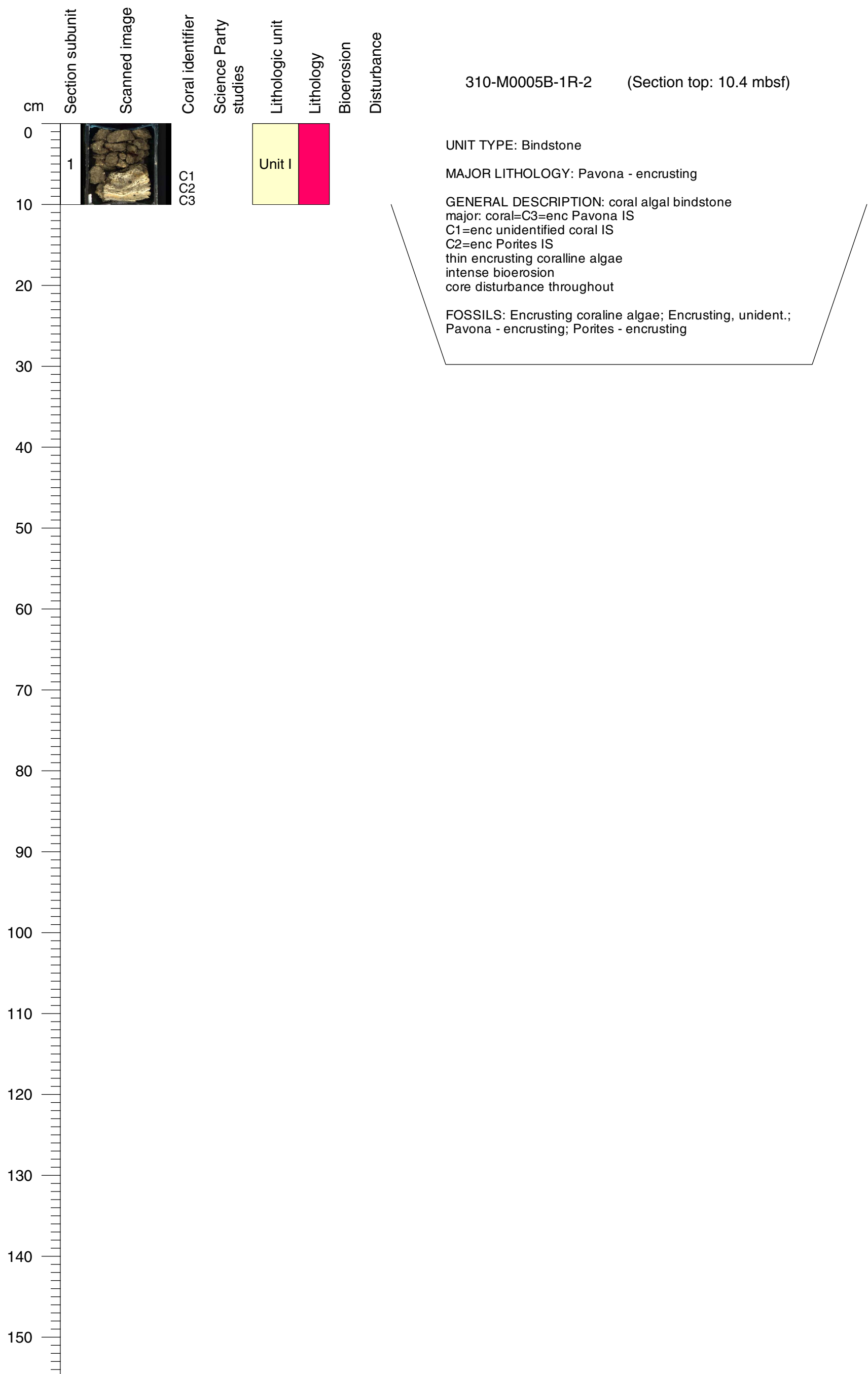


Core Photo

310-M0005B-1R-1 (Section top: 9.4 mbsf)

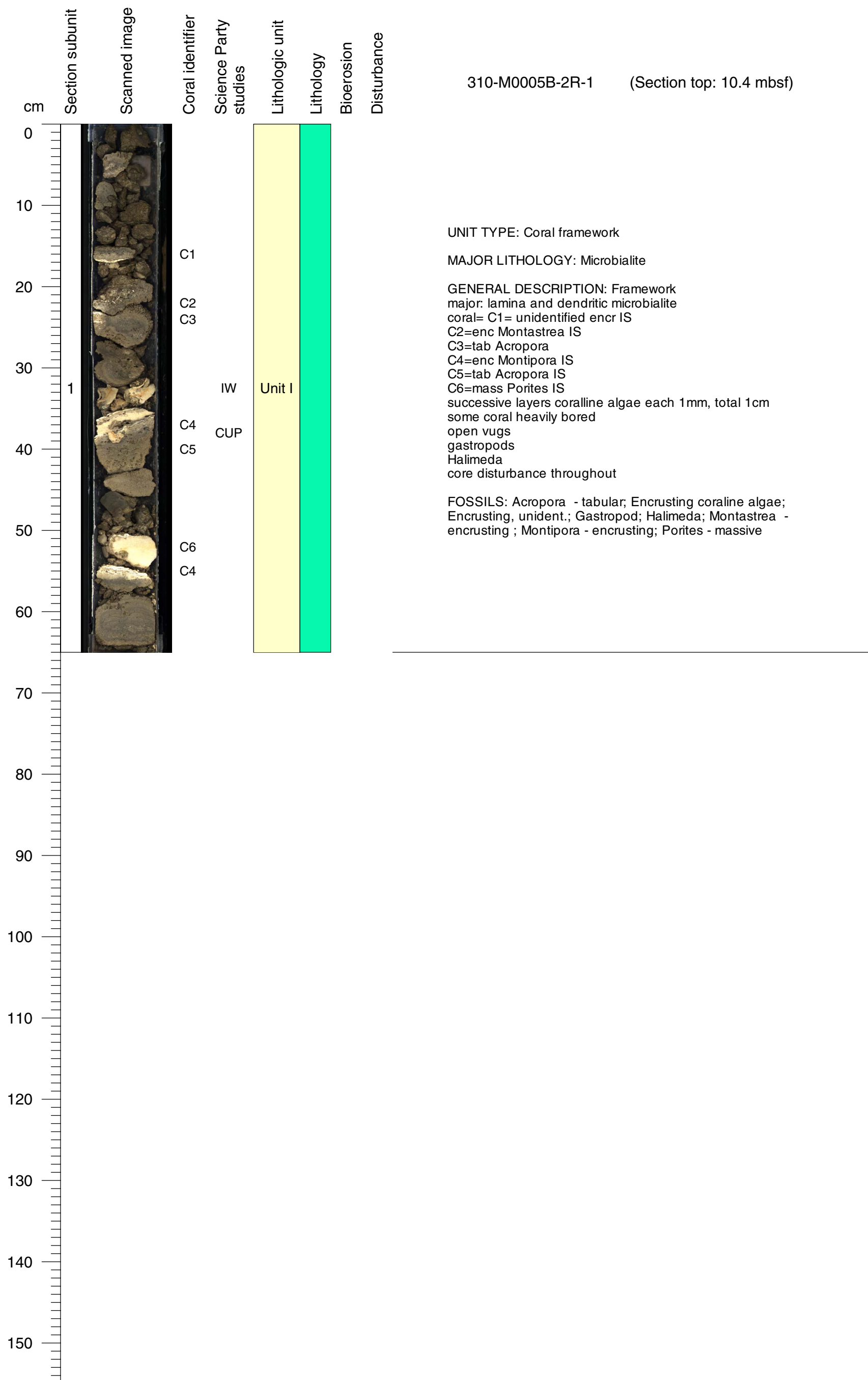


Core Photo

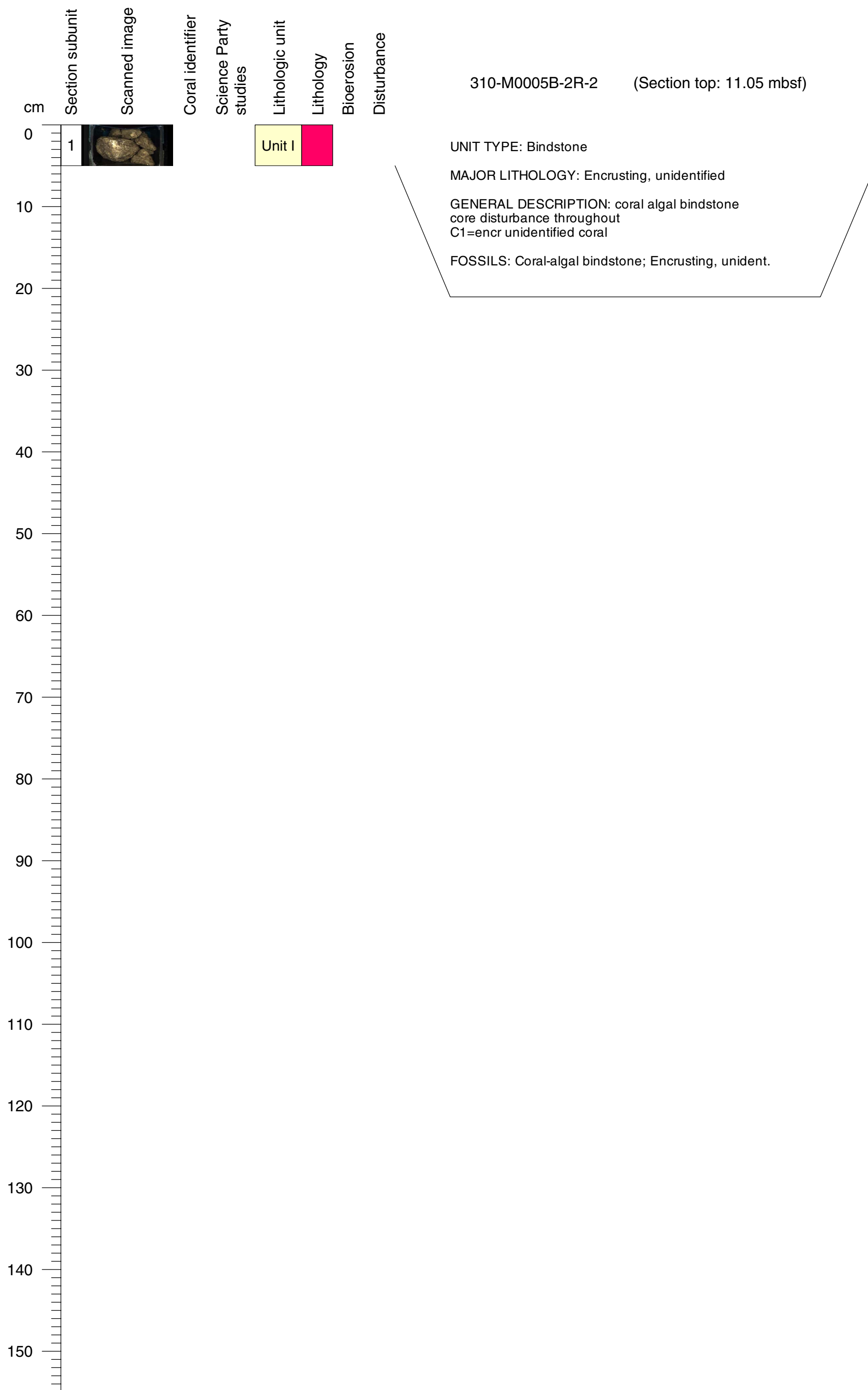


Core Photo

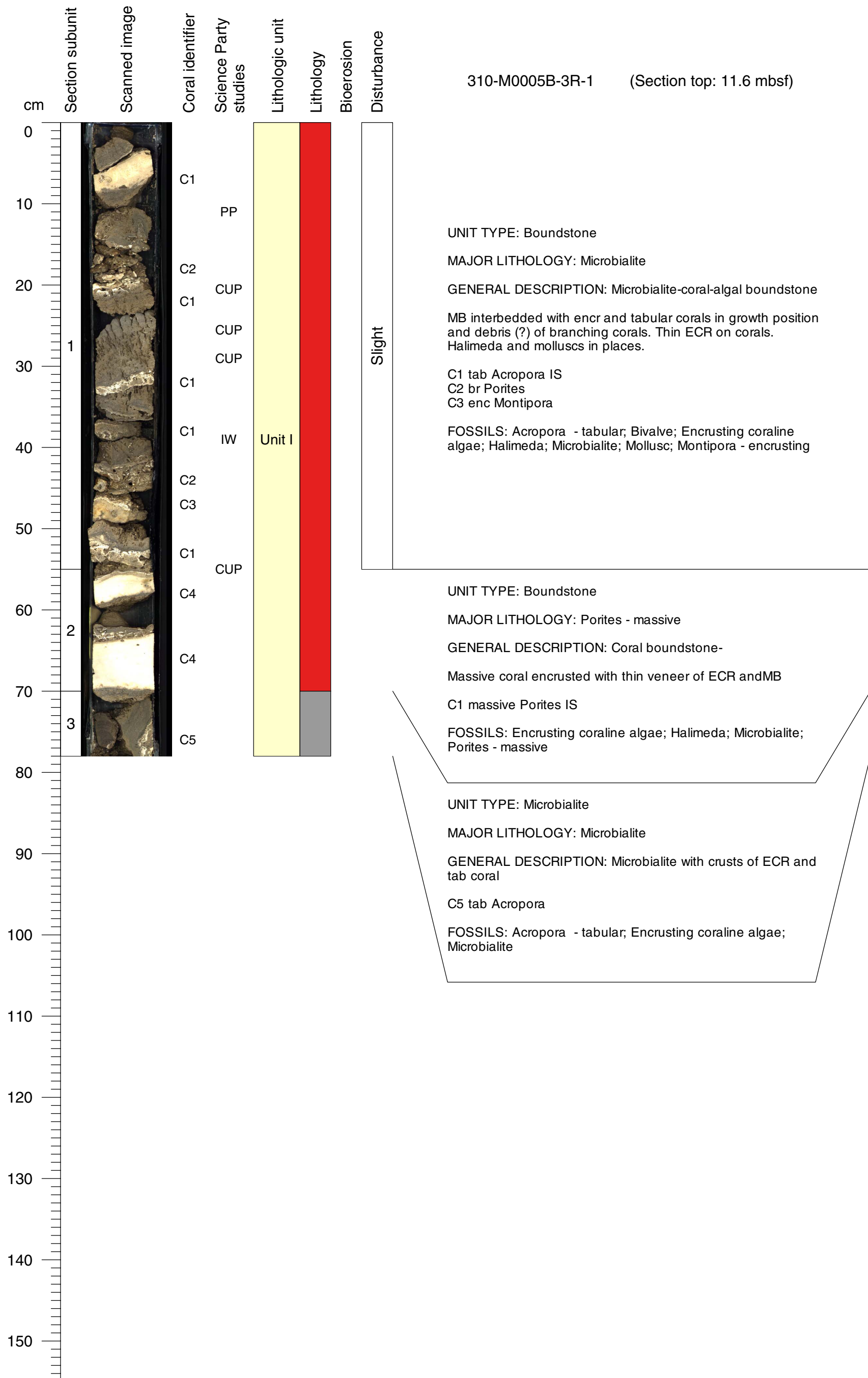
310-M0005B-2R-1 (Section top: 10.4 mbsf)



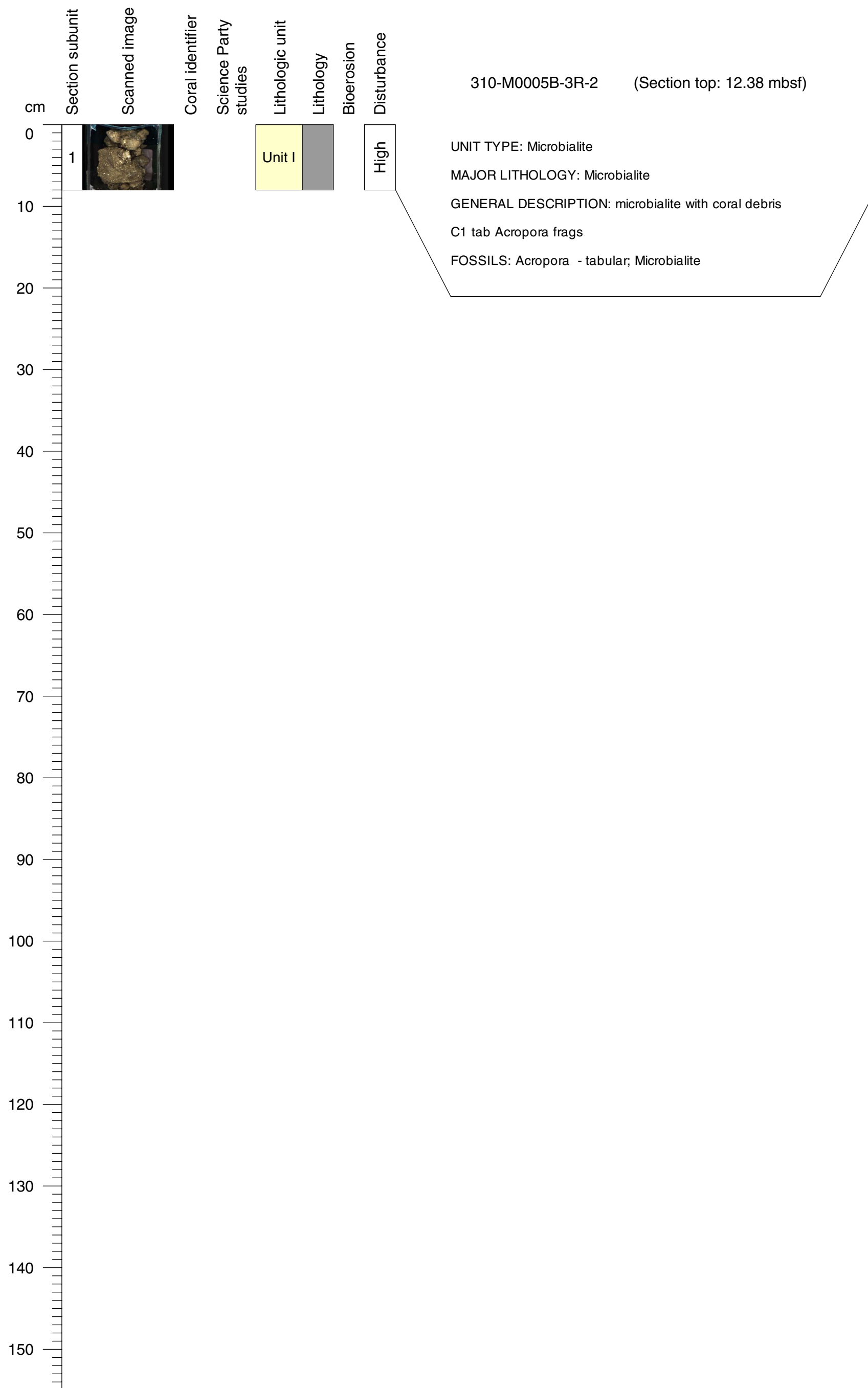
Core Photo



Core Photo

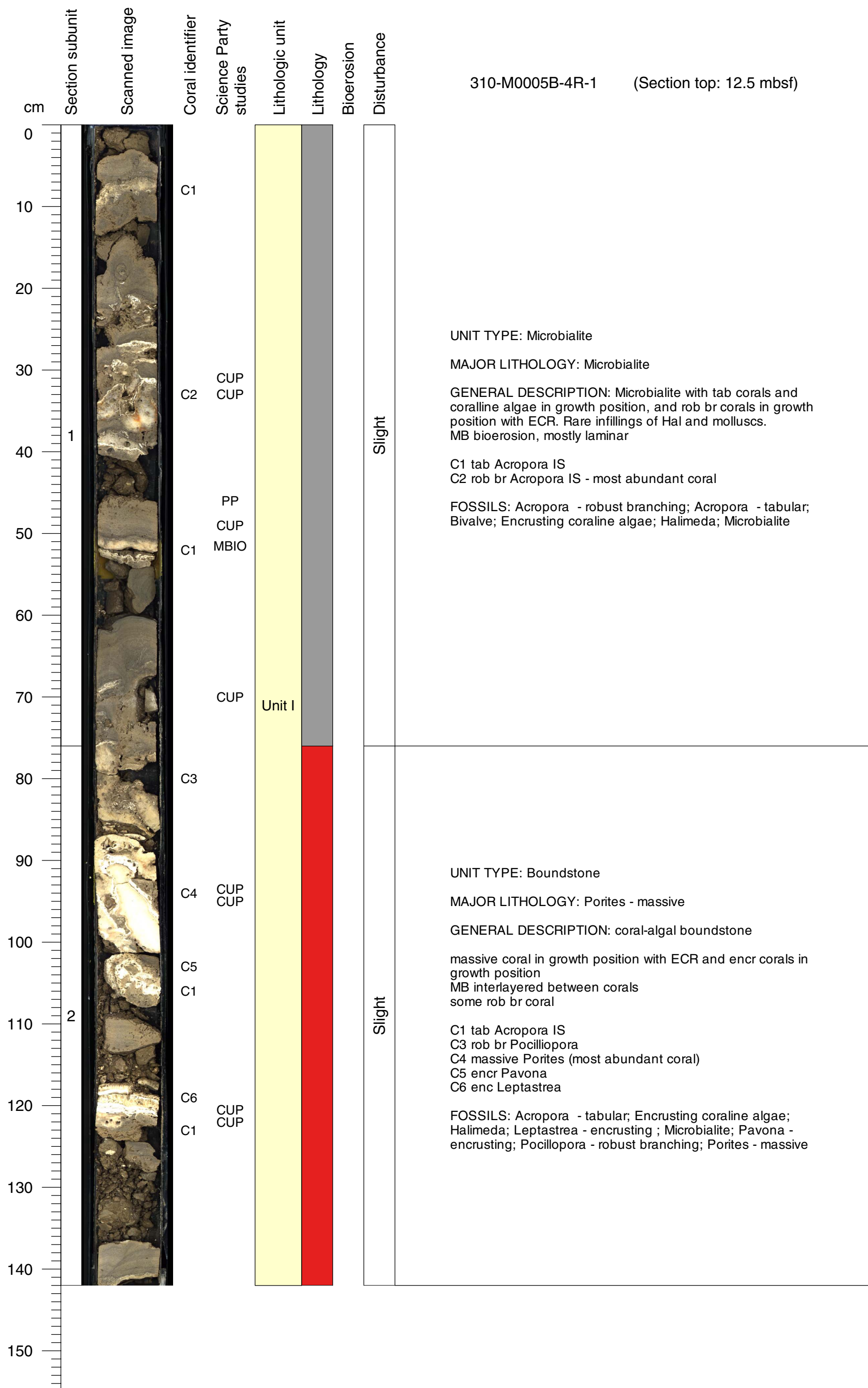


Core Photo



Core Photo

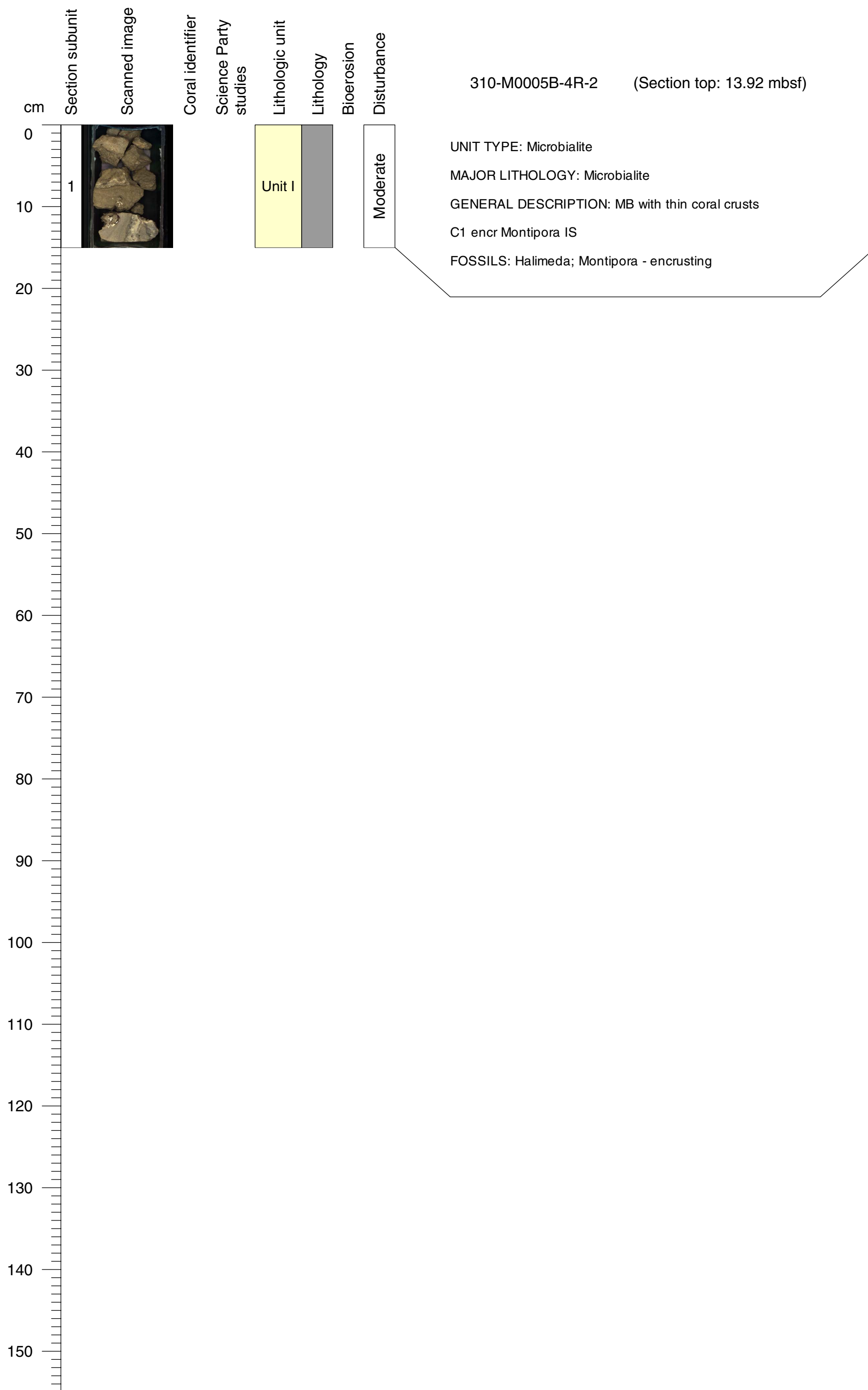
310-M0005B-4R-1 (Section top: 12.5 mbsf)



UNIT TYPE: Microbialite
 MAJOR LITHOLOGY: Microbialite
 GENERAL DESCRIPTION: Microbialite with tab corals and coralline algae in growth position, and rob br corals in growth position with ECR. Rare infillings of Hal and molluscs. MB bioerosion, mostly laminar
 C1 tab Acropora IS
 C2 rob br Acropora IS - most abundant coral
 FOSSILS: Acropora - robust branching; Acropora - tabular; Bivalve; Encrusting coralline algae; Halimeda; Microbialite

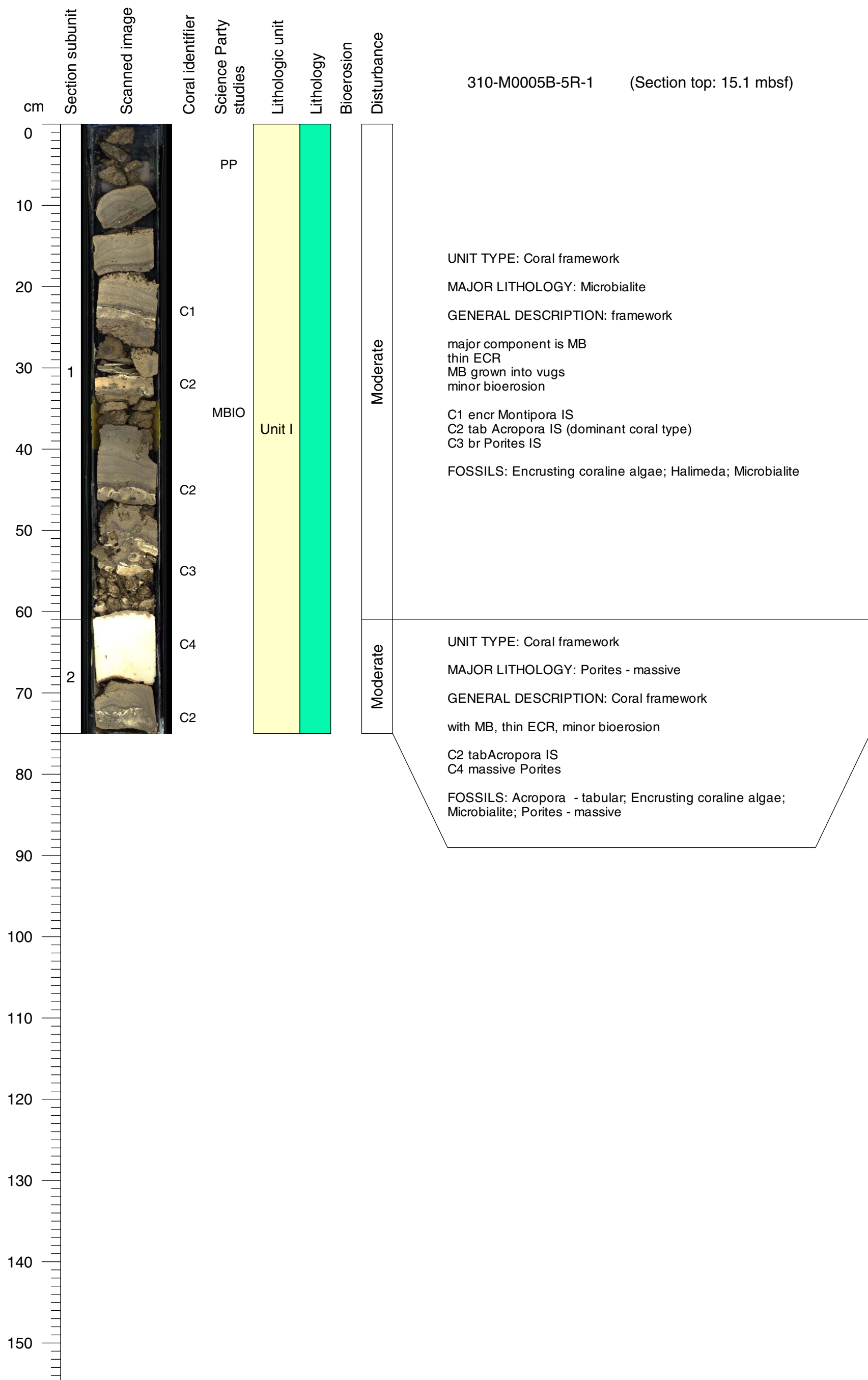
UNIT TYPE: Boundstone
 MAJOR LITHOLOGY: Porites - massive
 GENERAL DESCRIPTION: coral-algal boundstone
 massive coral in growth position with ECR and encr corals in growth position
 MB interlayered between corals
 some rob br coral
 C1 tab Acropora IS
 C3 rob br Pocillopora
 C4 massive Porites (most abundant coral)
 C5 encr Pavona
 C6 enc Leptastrea
 FOSSILS: Acropora - tabular; Encrusting coralline algae; Halimeda; Leptastrea - encrusting ; Microbialite; Pavona - encrusting; Pocillopora - robust branching; Porites - massive

Core Photo

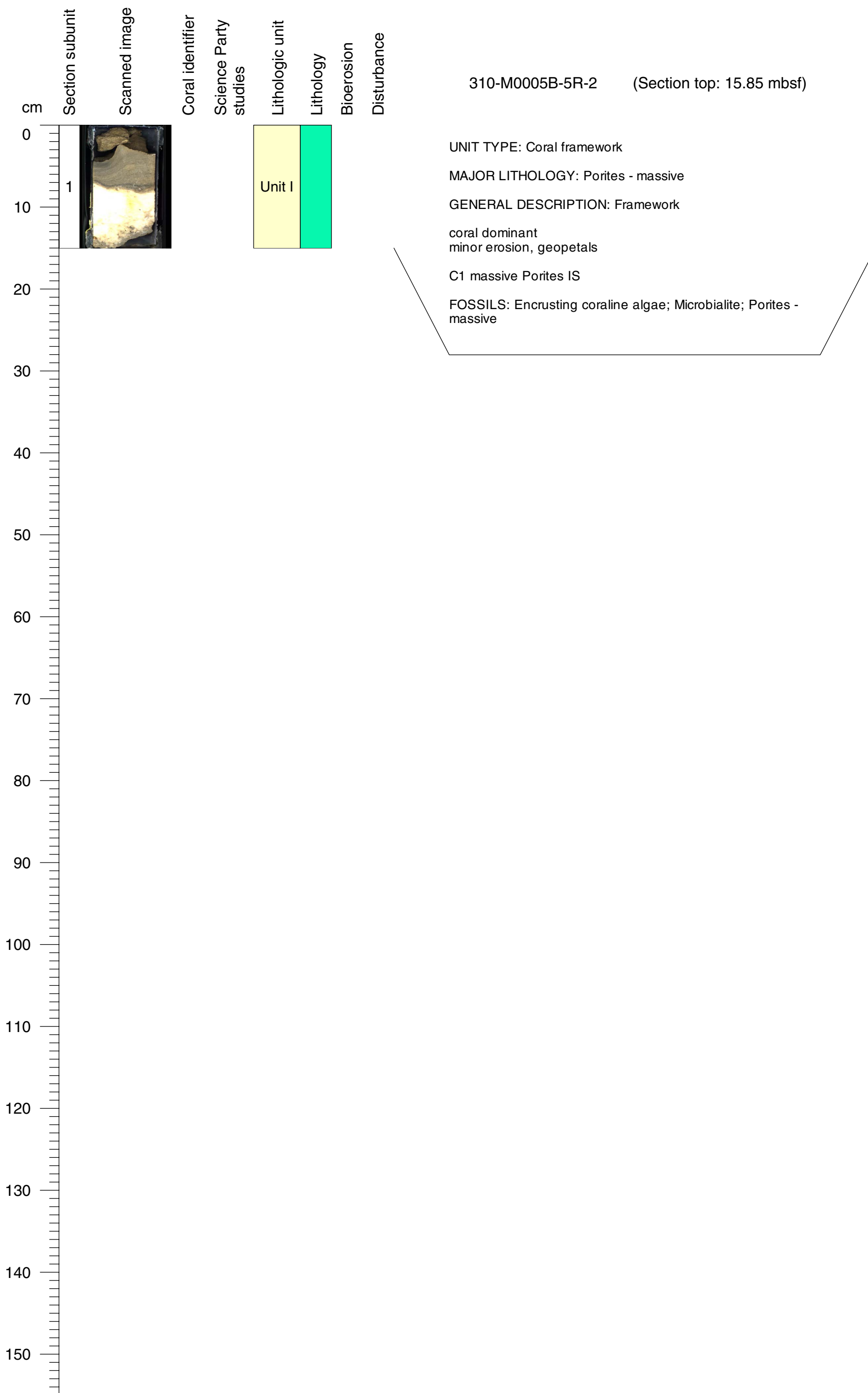


Core Photo

310-M0005B-5R-1 (Section top: 15.1 mbsf)

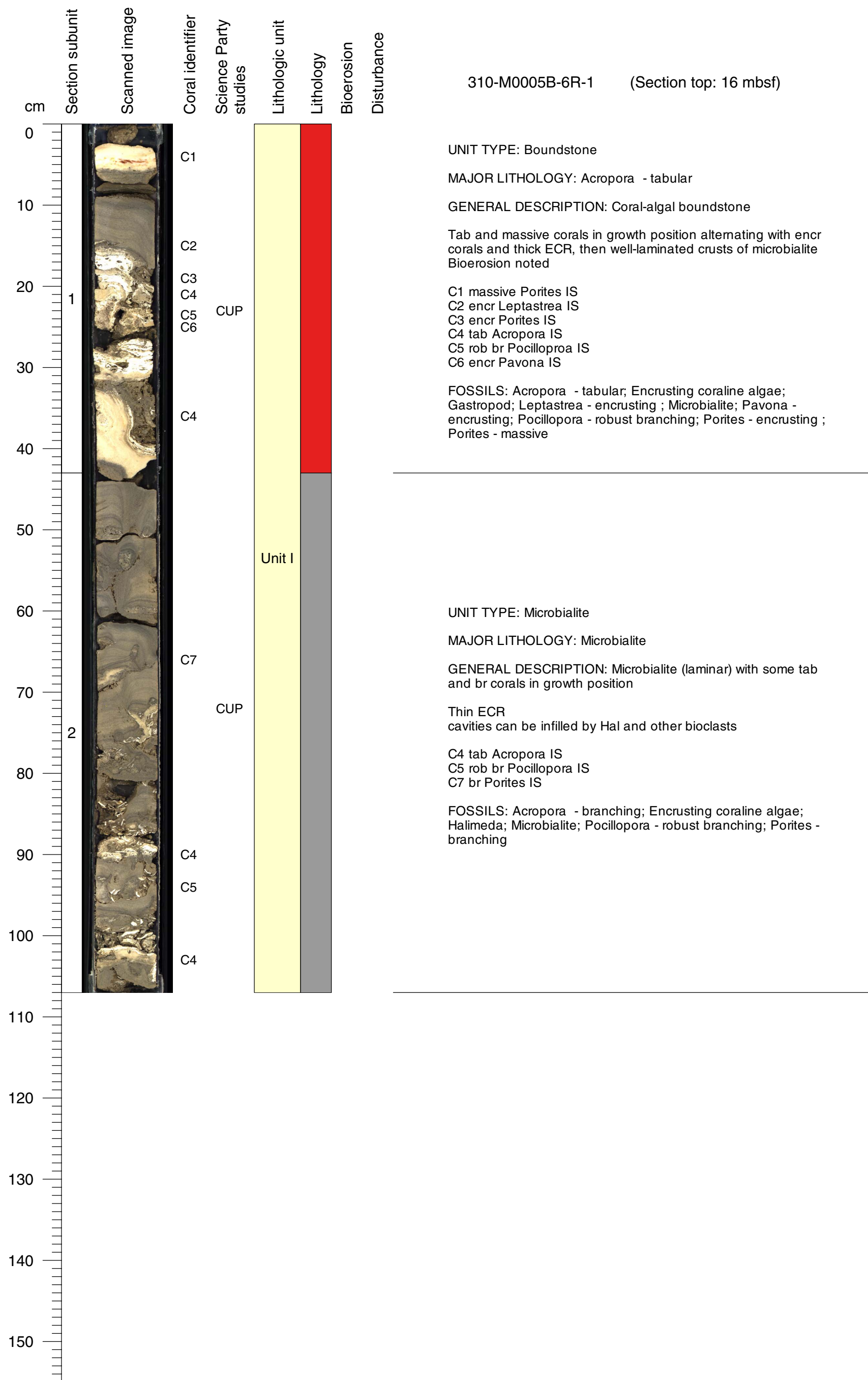


Core Photo

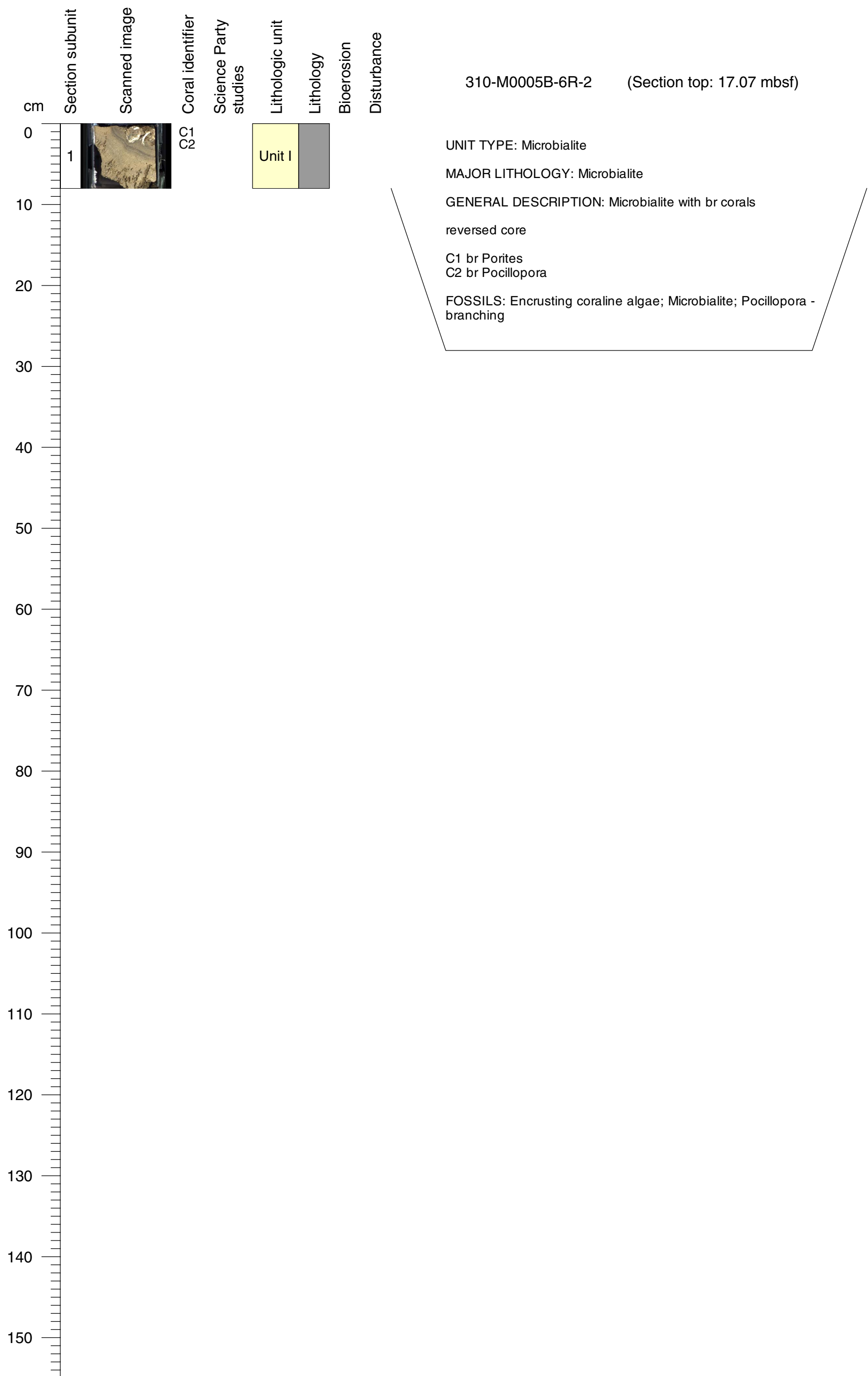


Core Photo

310-M0005B-6R-1 (Section top: 16 mbsf)

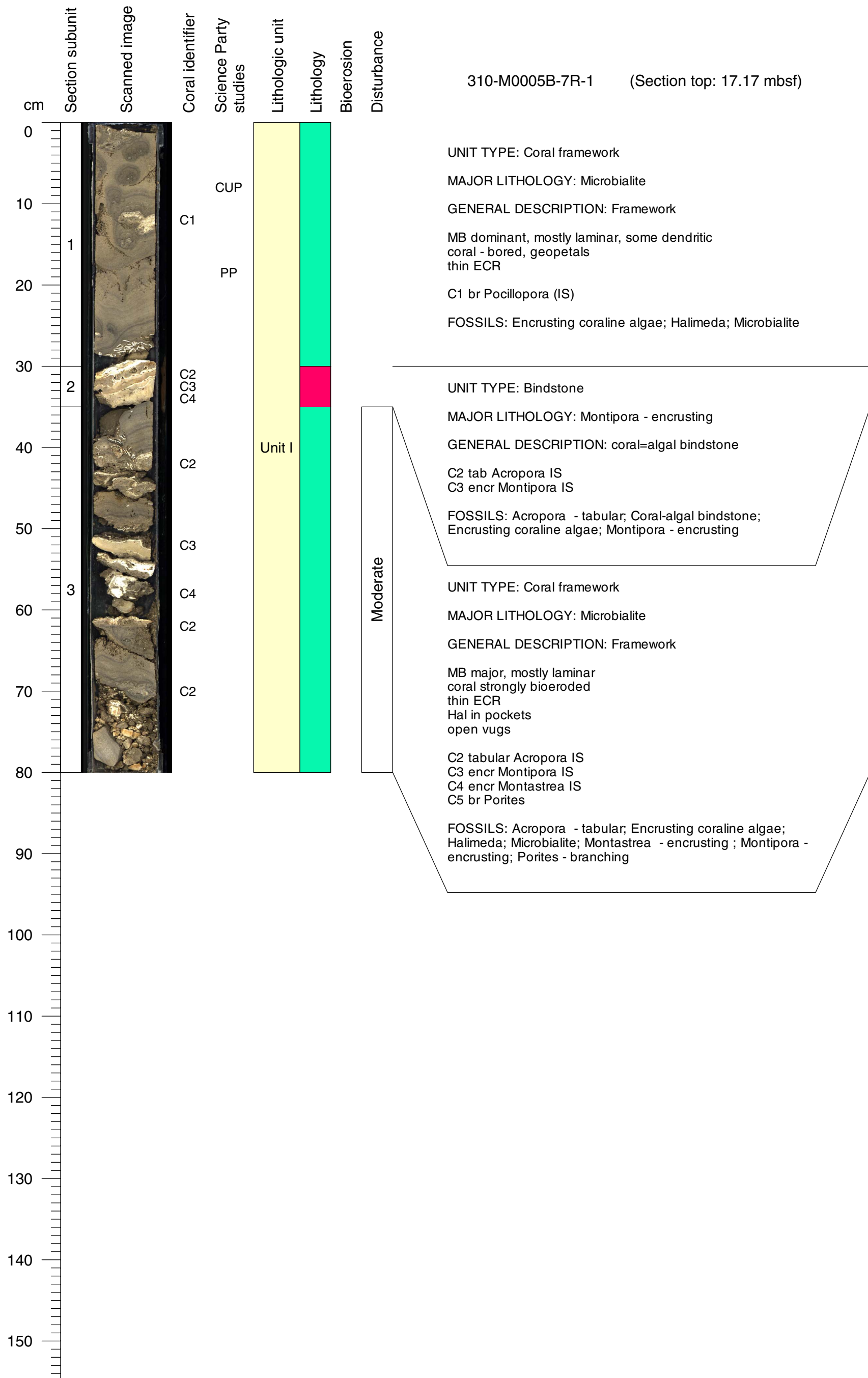


Core Photo

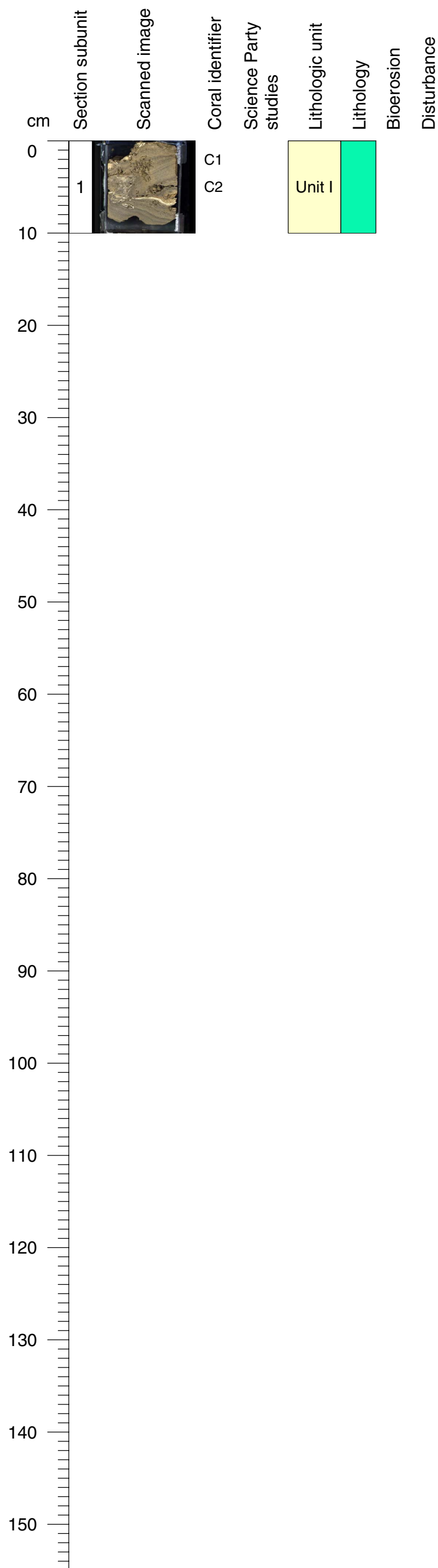


Core Photo

310-M0005B-7R-1 (Section top: 17.17 mbsf)



Core Photo



310-M0005B-7R-2 (Section top: 17.97 mbsf)

UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: Framework

MB major, mostly laminar coral frags with bioerosion
thin ECR
open vugs

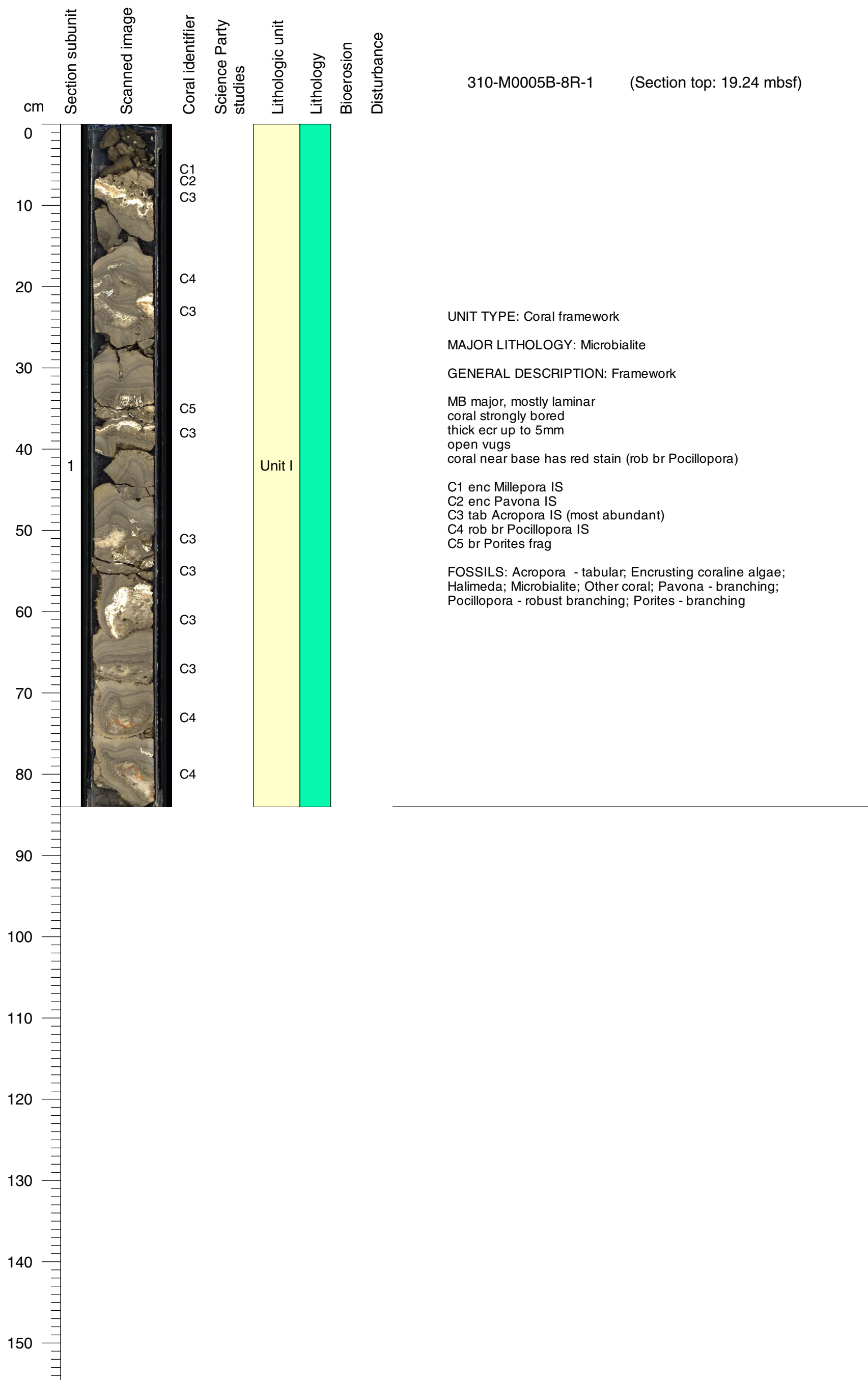
C1 br Porites frags
C2 br Pocillopora frags

FOSSILS: Encrusting coralline algae; Microbialite; Pocillopora - branching ; Porites - branching



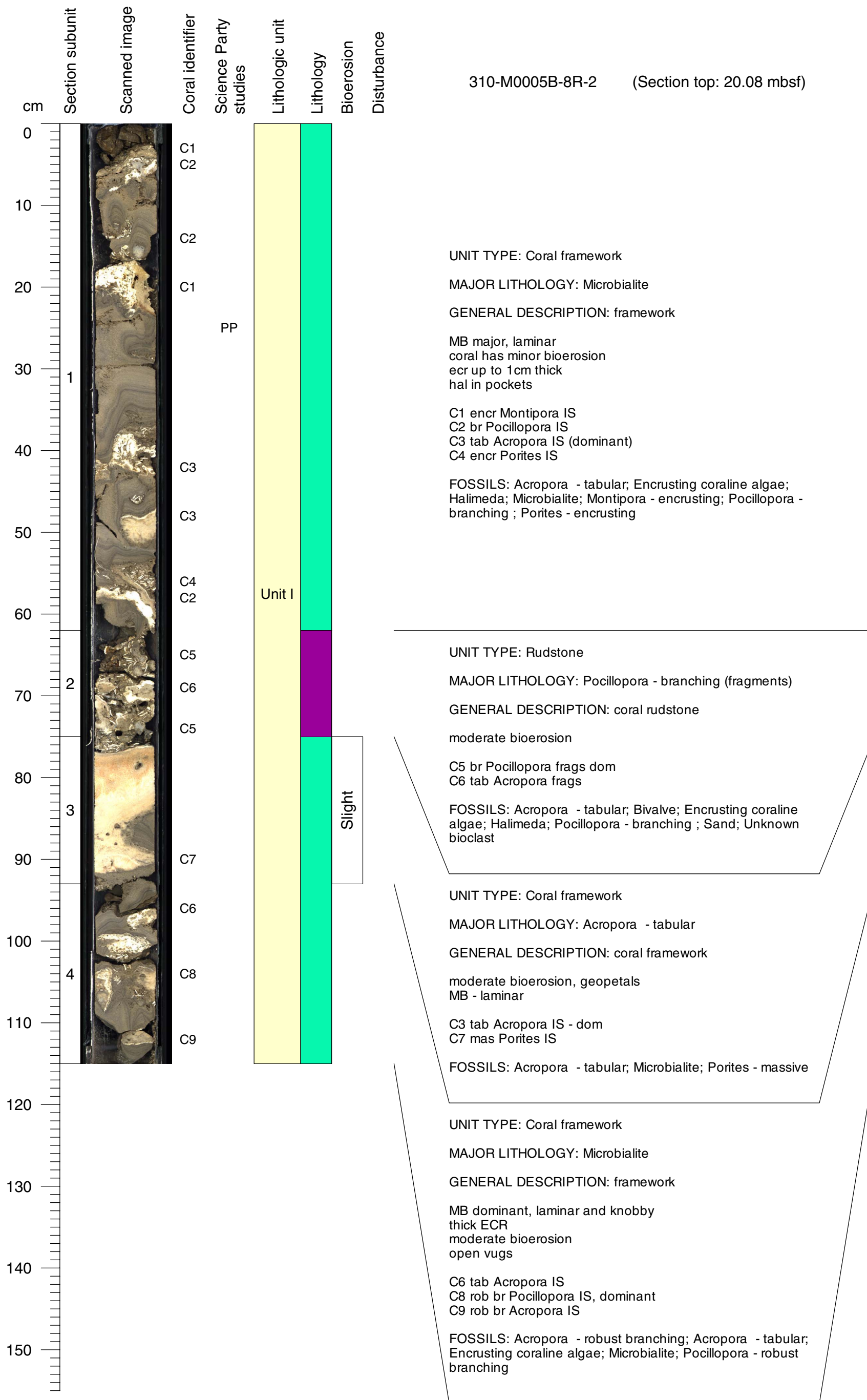
Core Photo

310-M0005B-8R-1 (Section top: 19.24 mbsf)

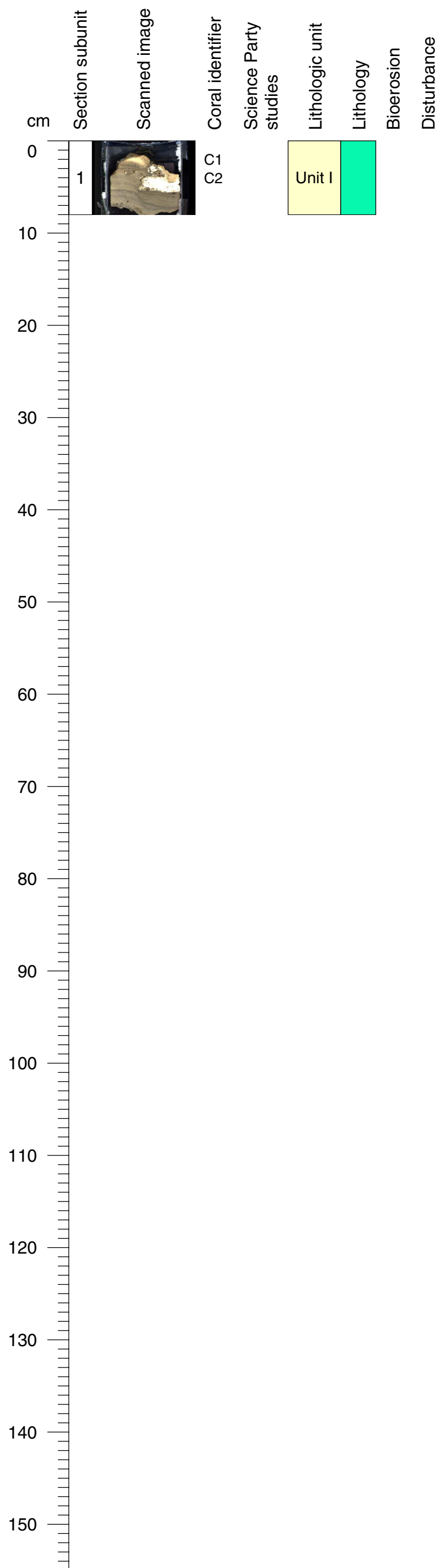


Core Photo

310-M0005B-8R-2 (Section top: 20.08 mbsf)



Core Photo



310-M0005B-8R-3 (Section top: 21.23 mbsf)

UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: framework
MB major, laminar
thick ecr to 1.7cm

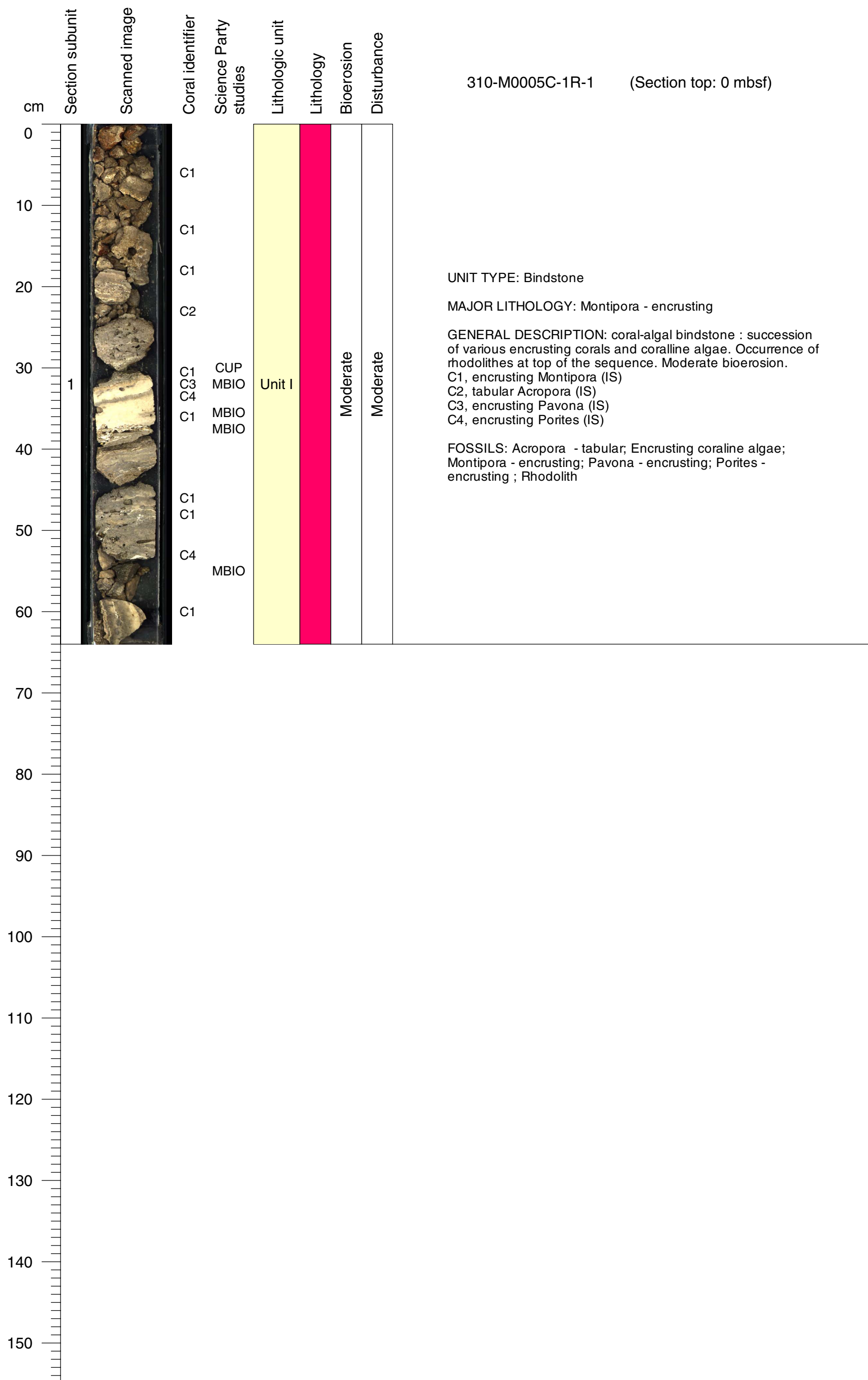
C1 massive Porites IS, dominant coral
C2 tab Acropora frag

FOSSILS: Acropora - tabular; Encrusting coralline algae;
Microbialite; Porites - massive

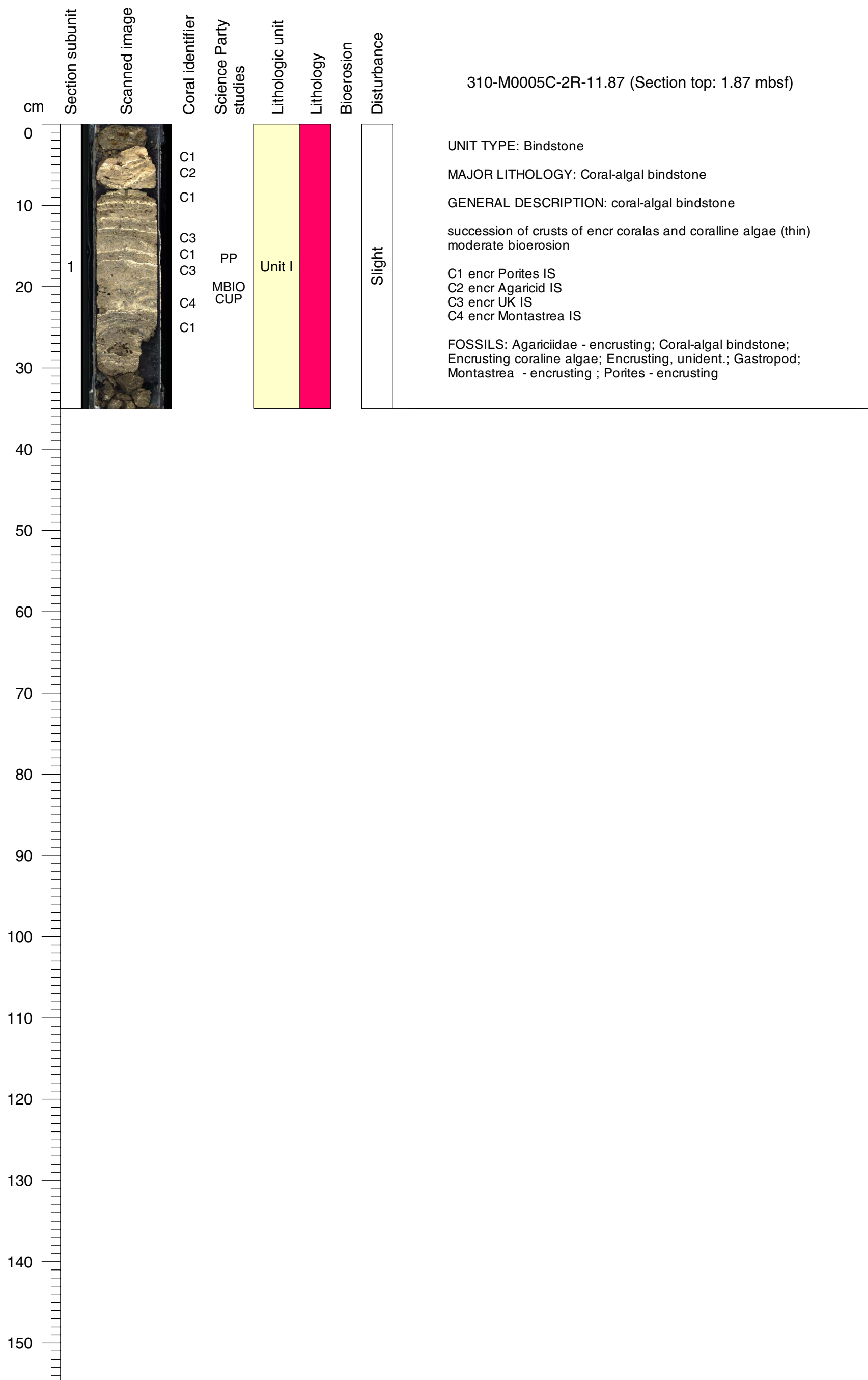


Core Photo

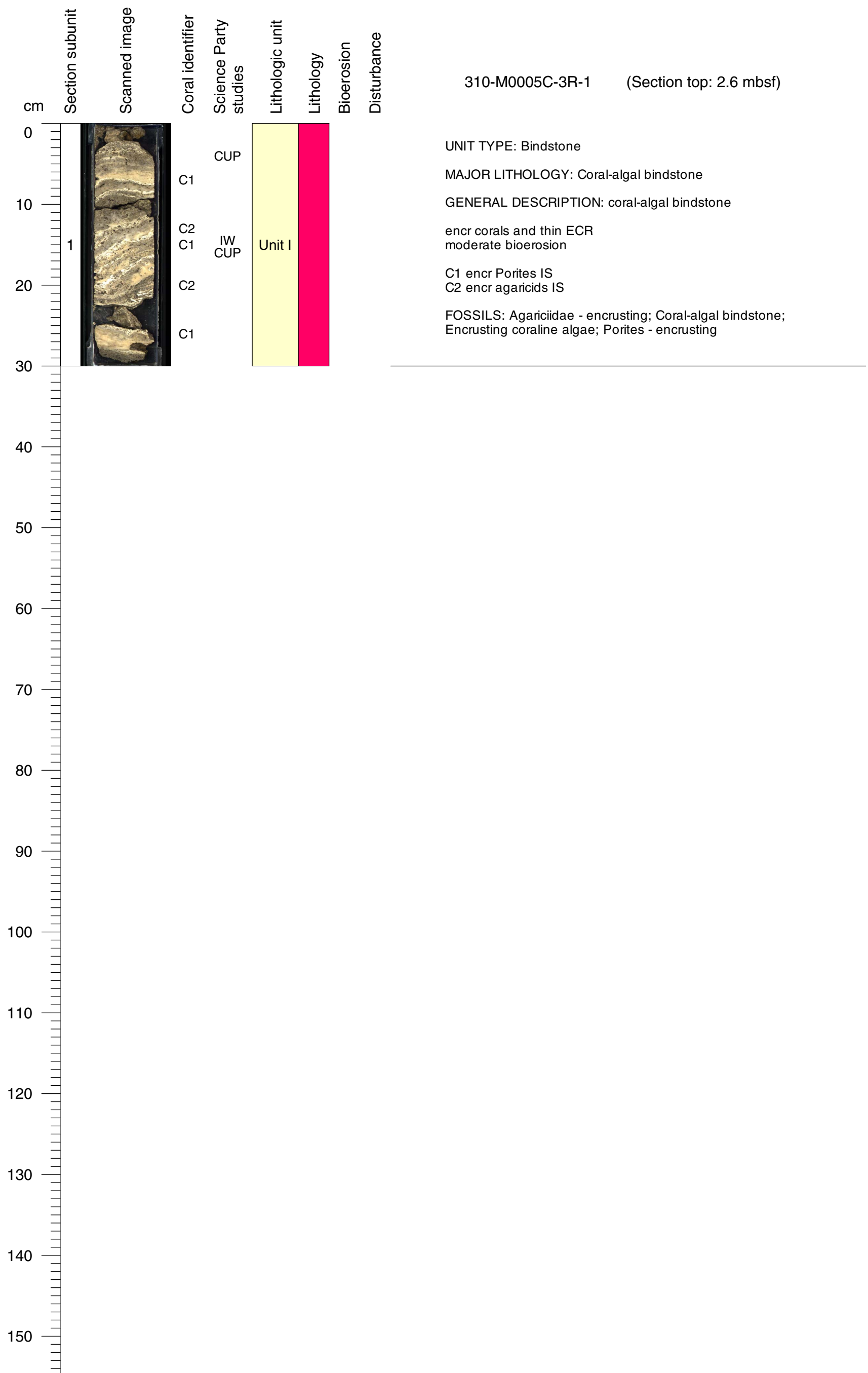
310-M0005C-1R-1 (Section top: 0 mbsf)



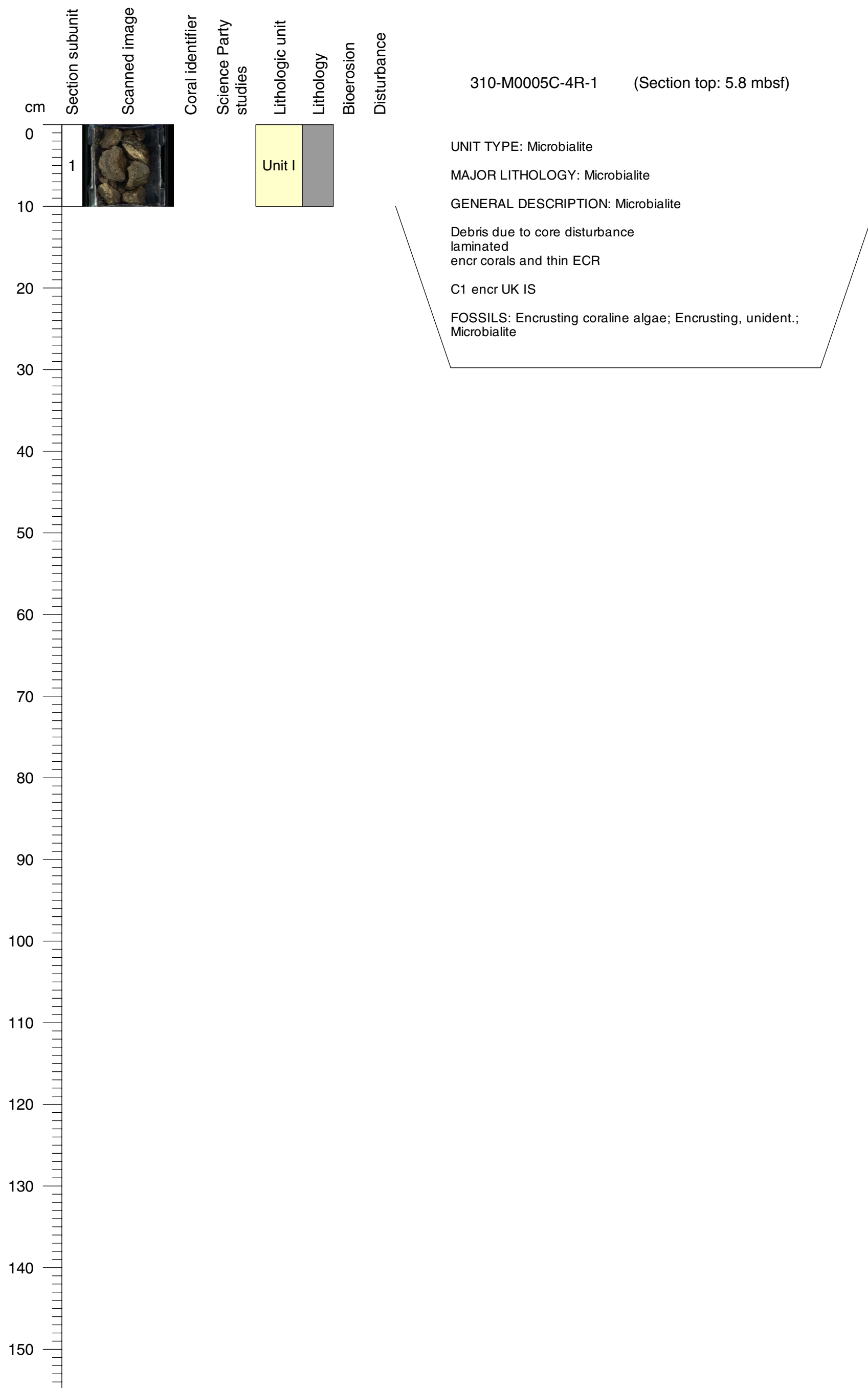
Core Photo



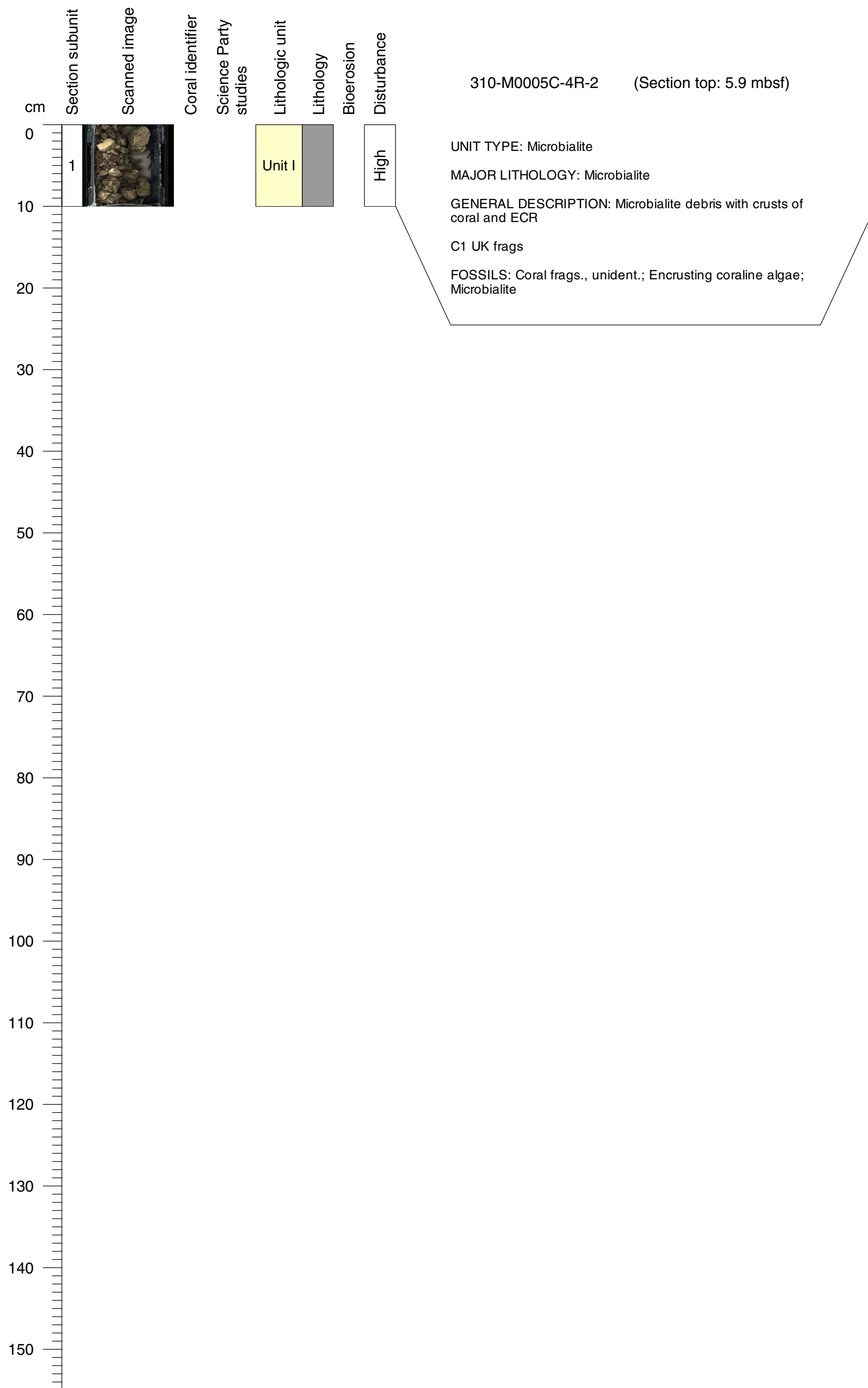
Core Photo



Core Photo

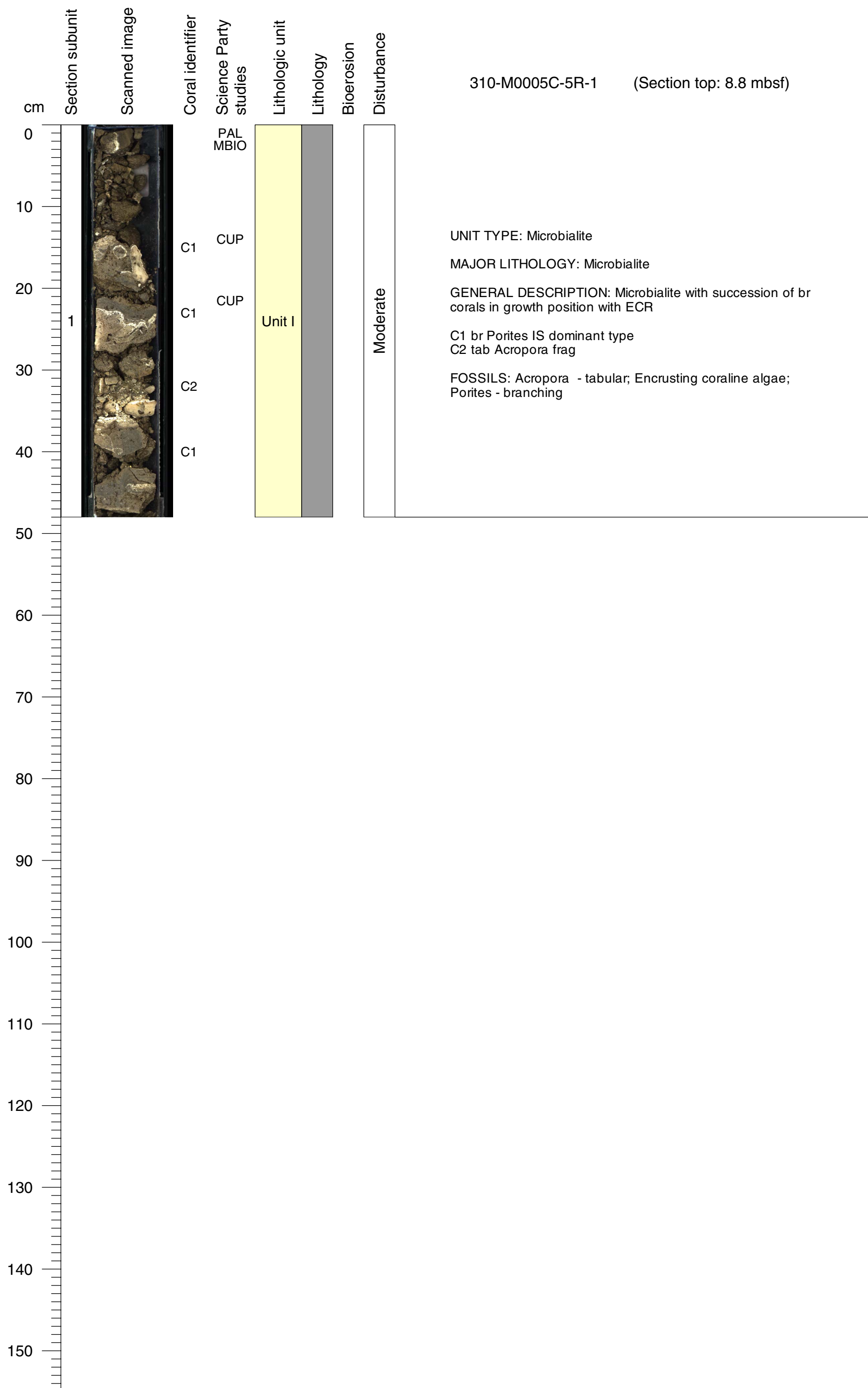


Core Photo

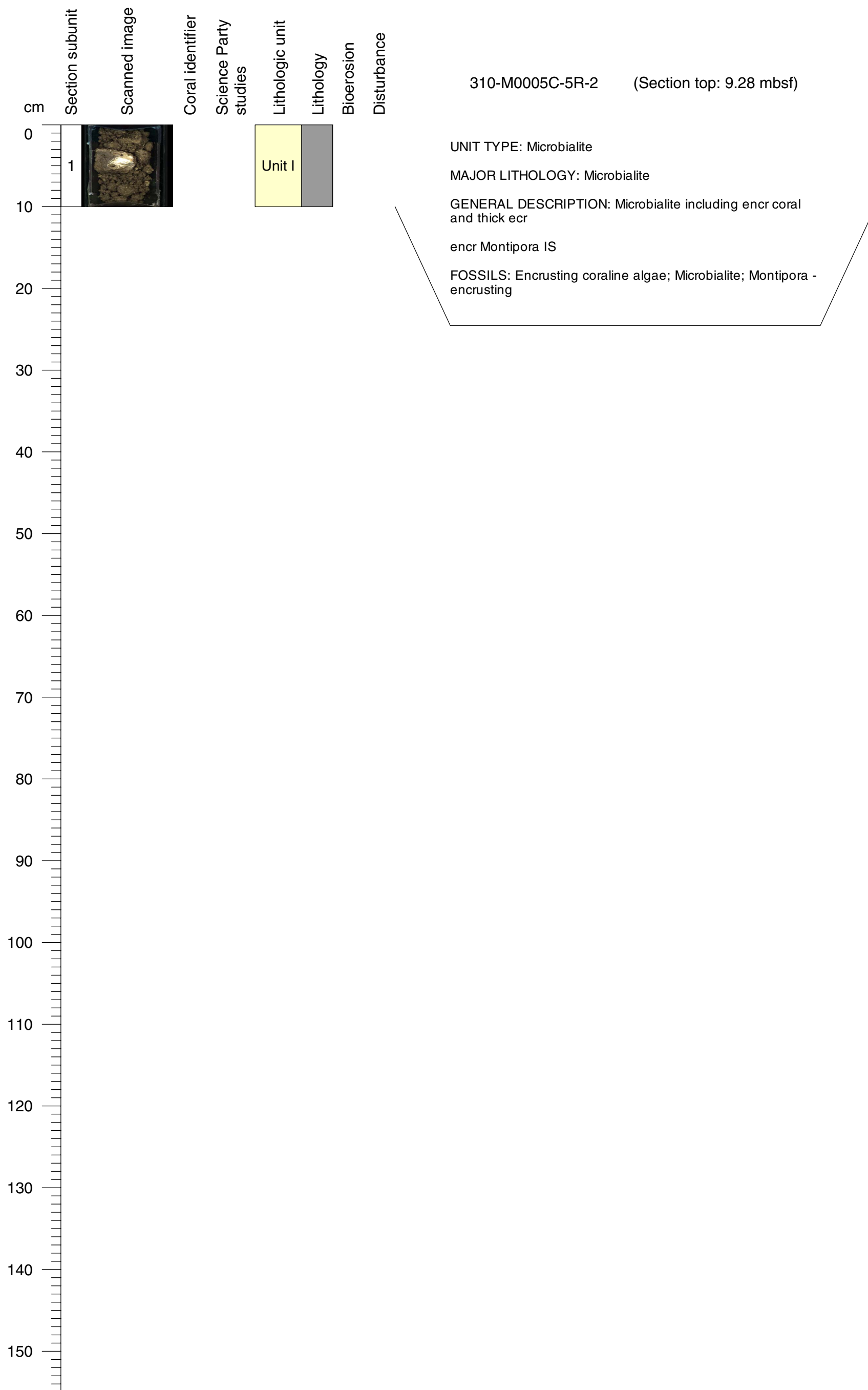


Core Photo

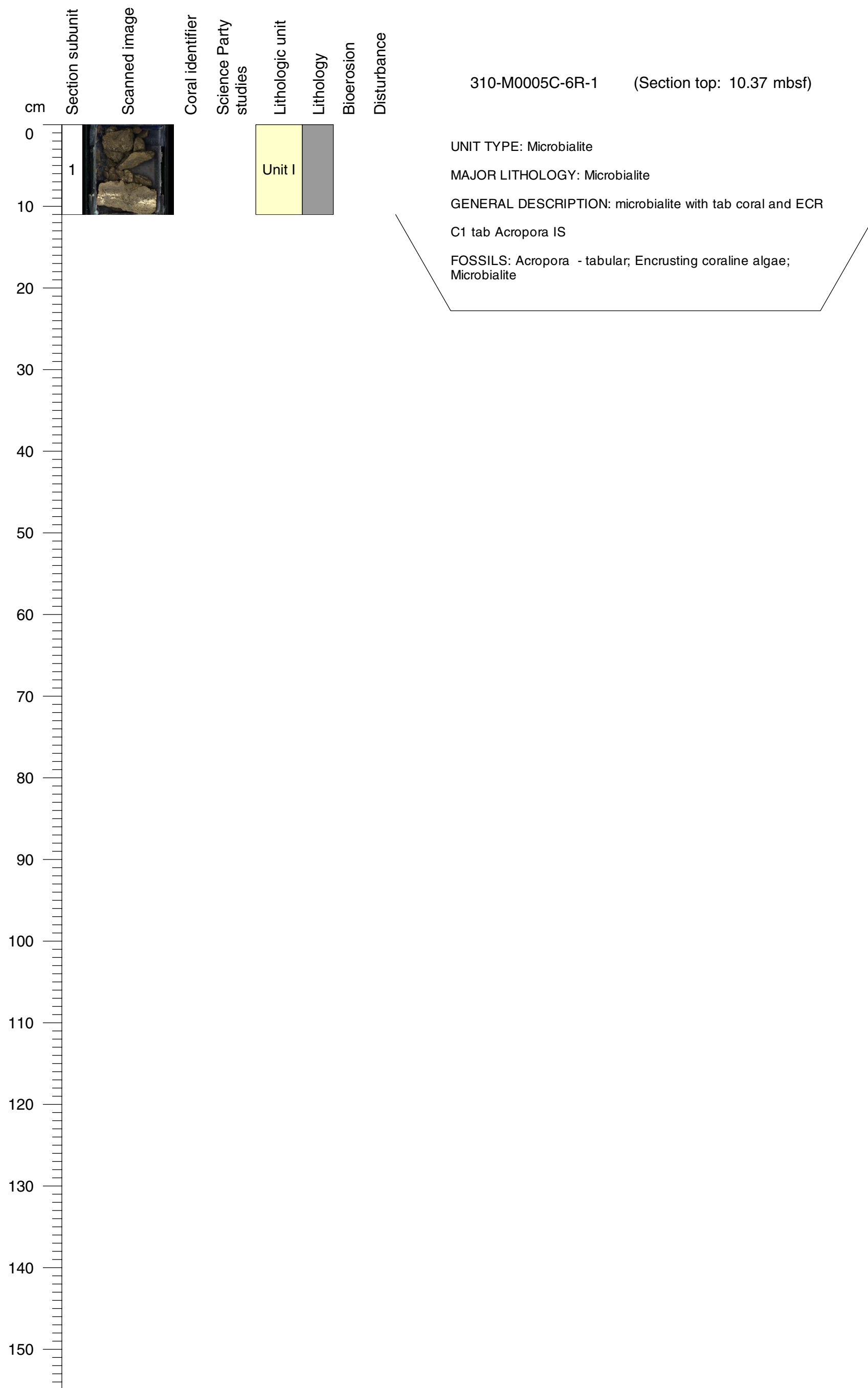
310-M0005C-5R-1 (Section top: 8.8 mbsf)



Core Photo

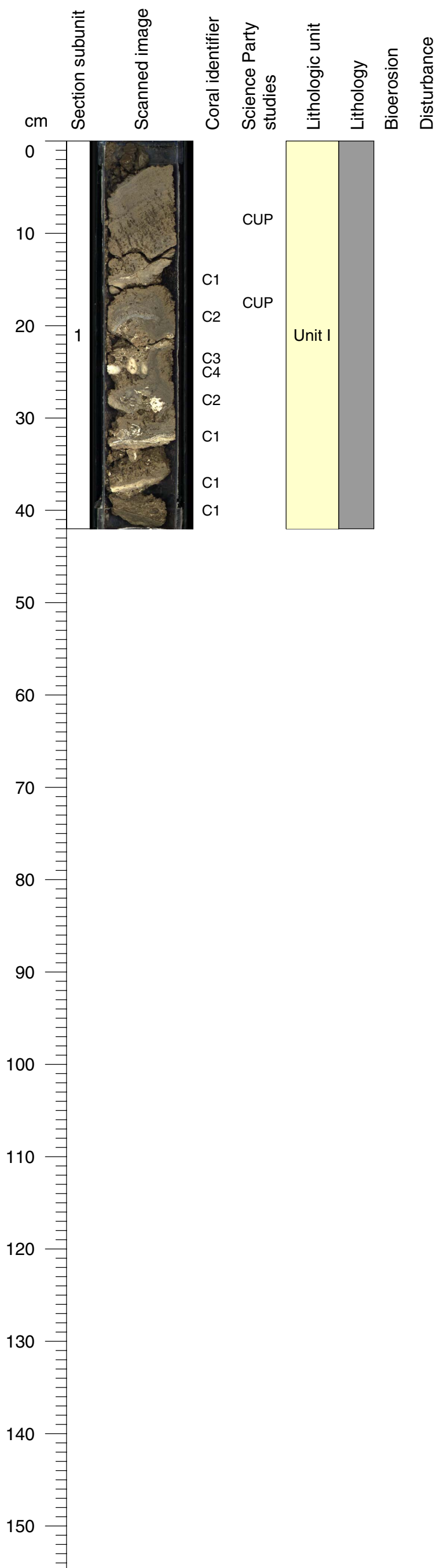


Core Photo



Core Photo

310-M0005C-6R-2 (Section top: 10.48 mbsf)



UNIT TYPE: Microbialite

MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: Microbialite with succession of encr corals, thin ECR, branching corals

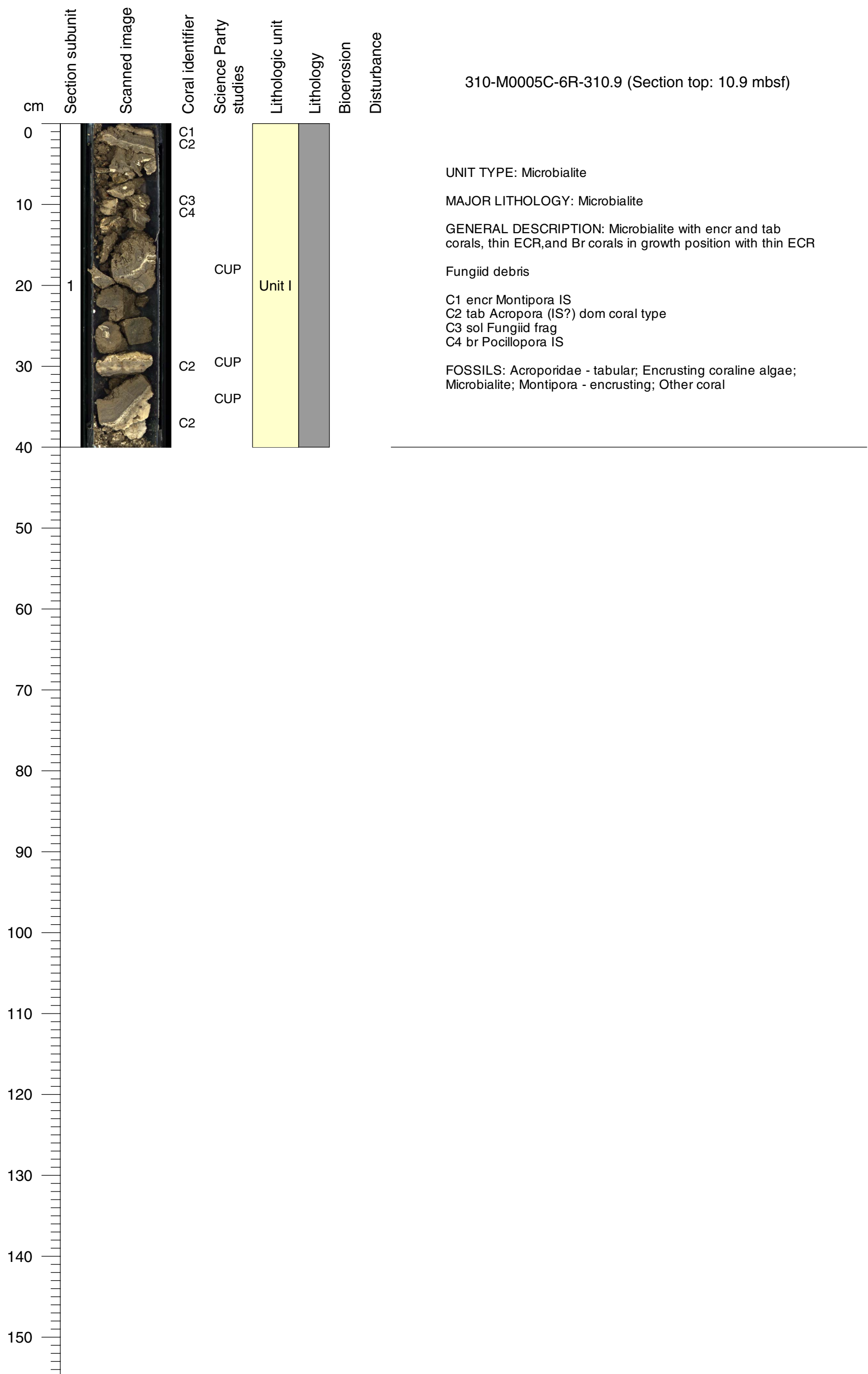
Moderate bioerosion
 MB laminar, dendritic
 fungid debris
 rare Hal in cavities

C1 tab Acropora (dom coral)
 C2 solitary fungid
 C3 rob br Pocillopora
 C4 br Porites IS
 C5 encr Porites IS

FOSSILS: Acropora - tabular; Encrusting coralline algae;
 Halimeda; Other coral; Pocillopora - robust branching

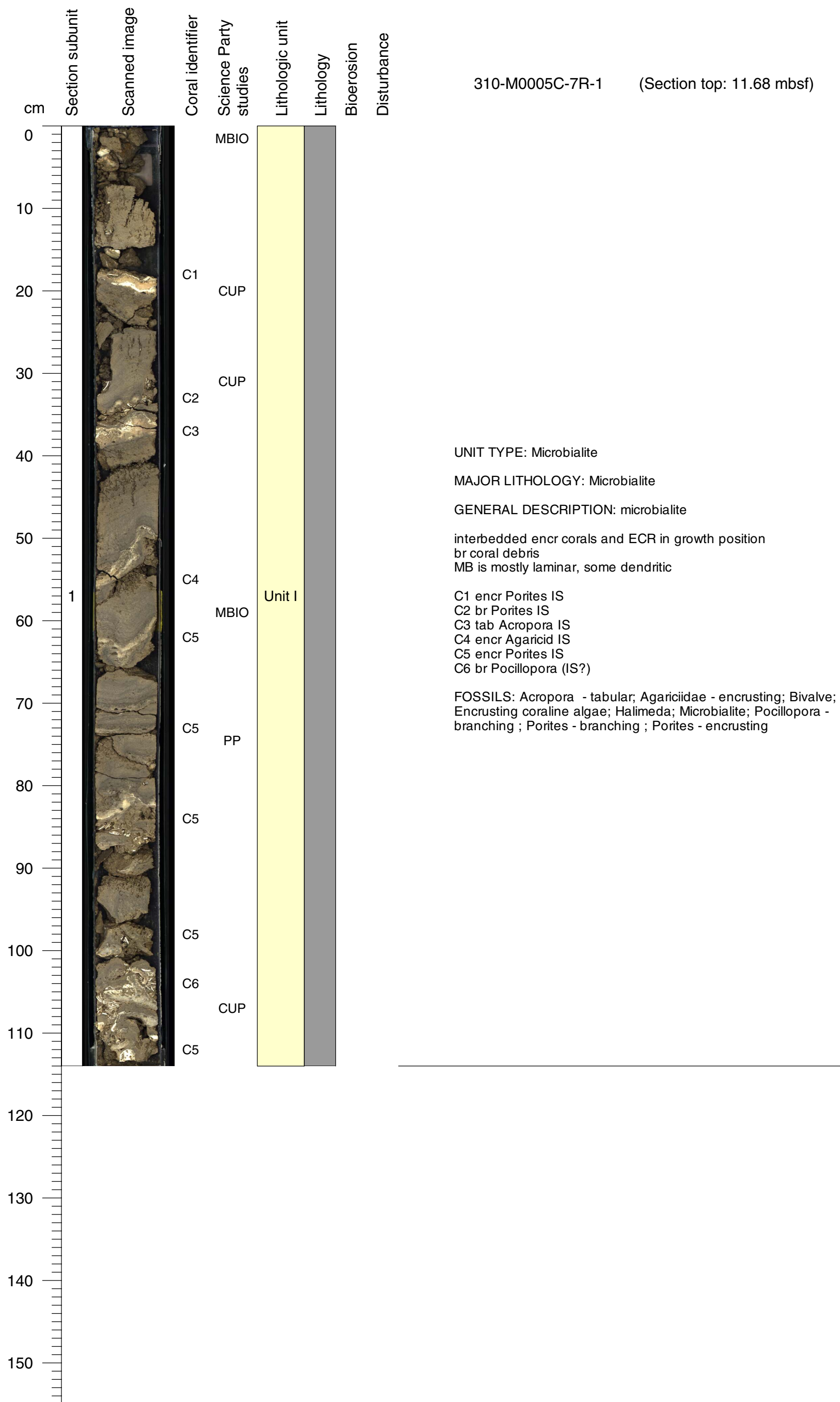


Core Photo

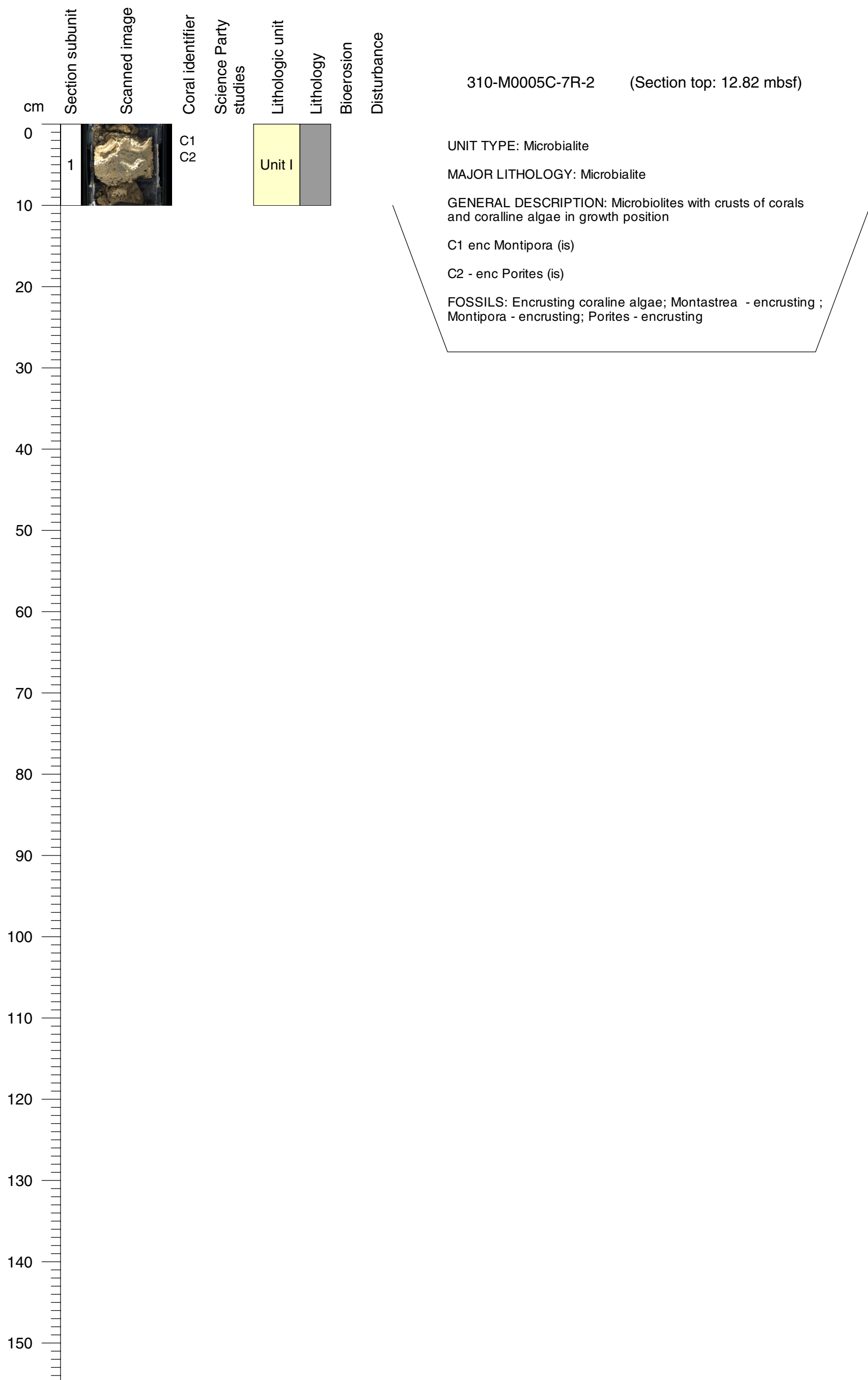


Core Photo

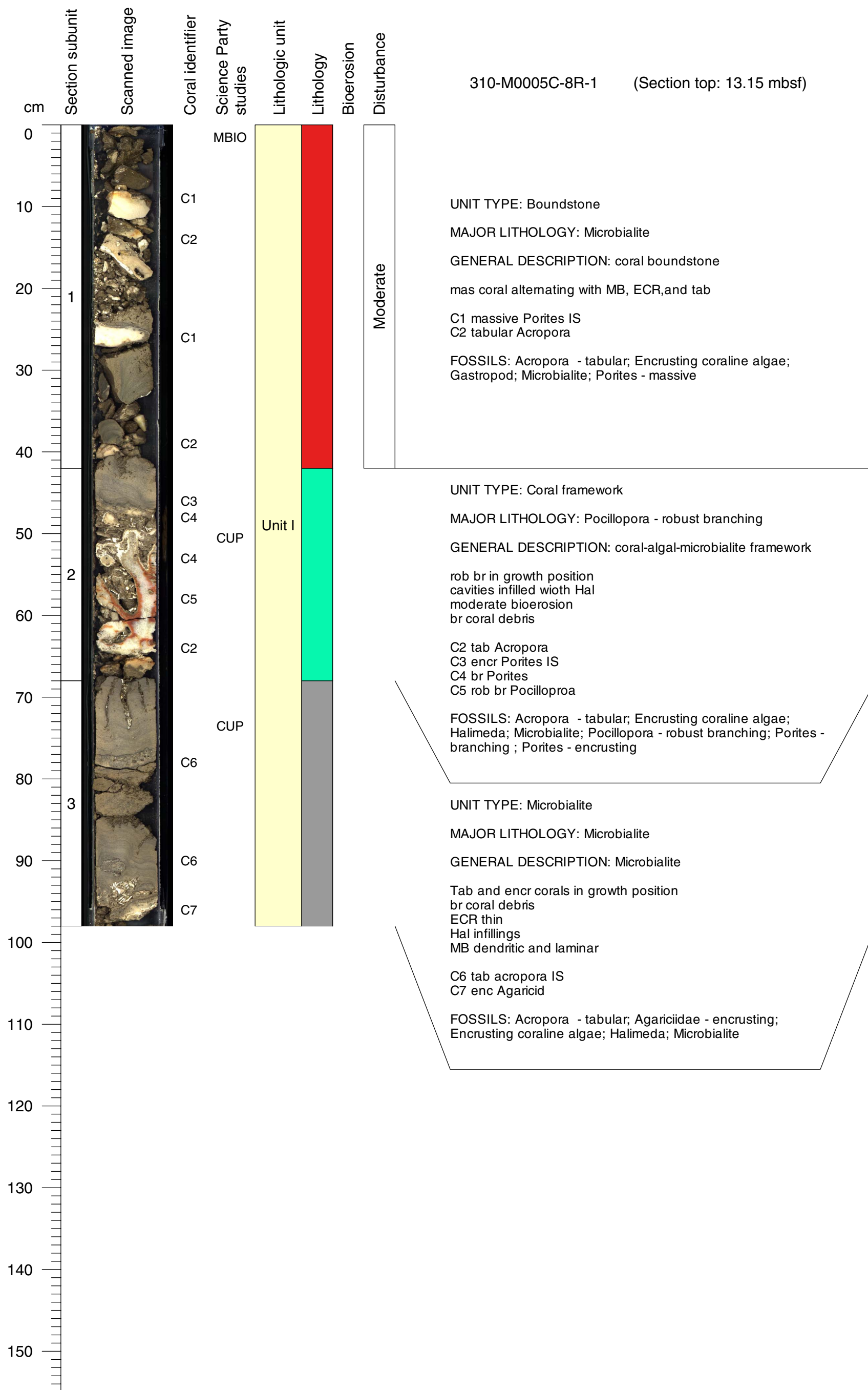
310-M0005C-7R-1 (Section top: 11.68 mbsf)



Core Photo

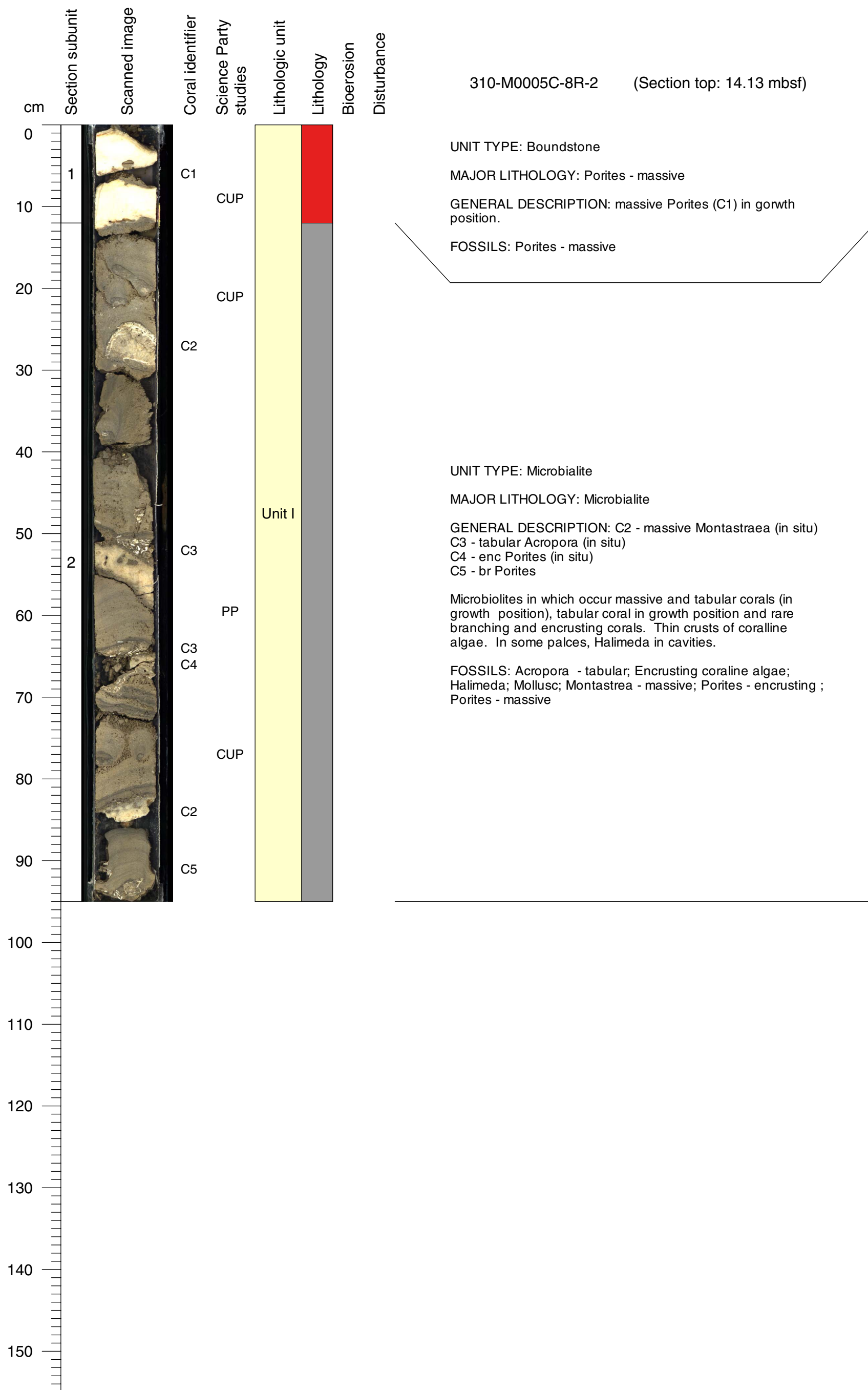


Core Photo

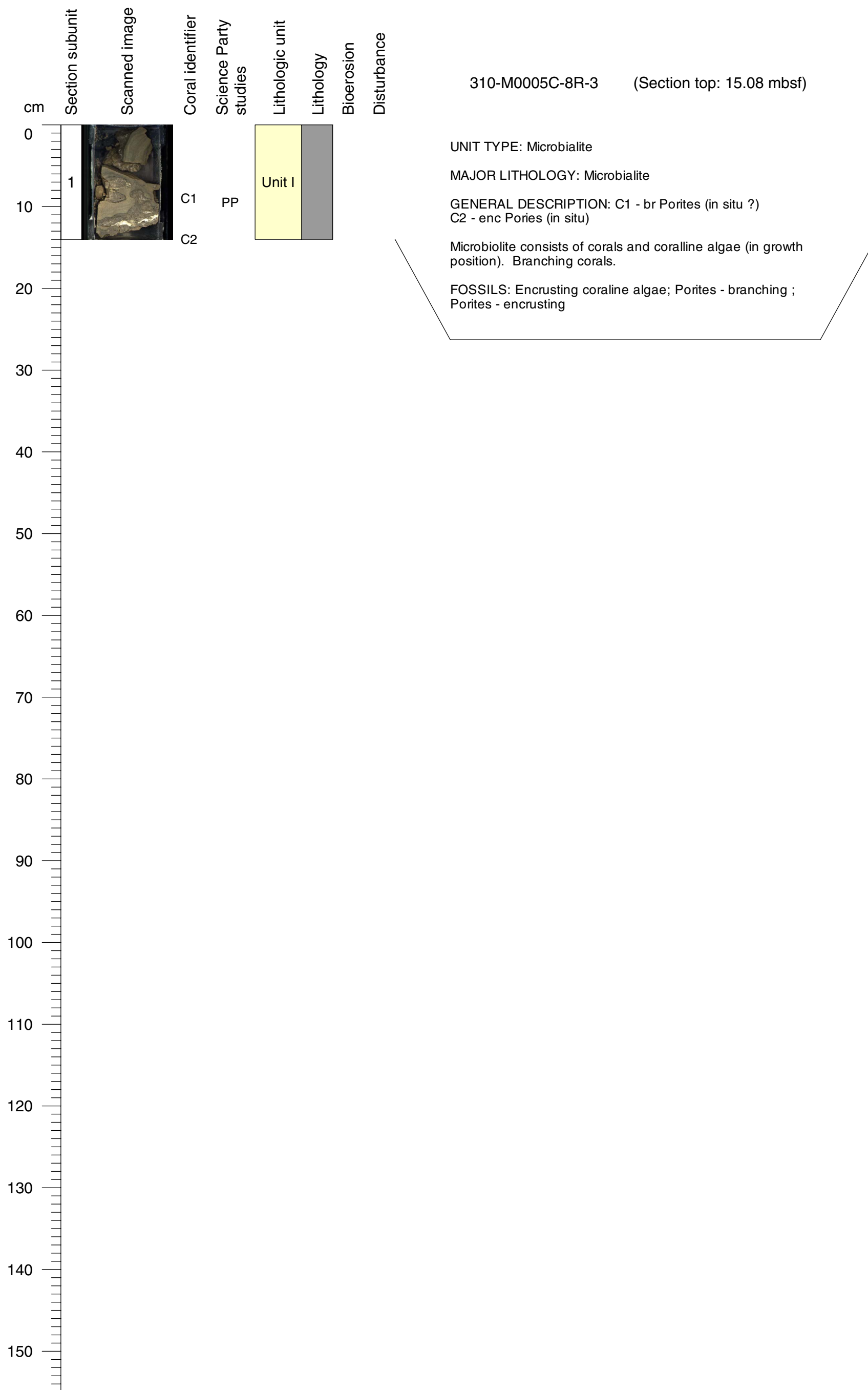


Core Photo

310-M0005C-8R-2 (Section top: 14.13 mbsf)




Core Photo



Core Photo

310-M0005C-9R-1 (Section top: 16 mbsf)

cm	Section subunit	Scanned image	Coral identifier	Science Party studies	Lithologic unit	Lithology	Bioerosion	Disturbance
0			C1		Unit I	Moderate	Moderate	<p>UNIT TYPE: Microbialite</p> <p>MAJOR LITHOLOGY: Microbialite</p> <p>GENERAL DESCRIPTION: microbialite</p> <p>locally crusts of corals and thick crusts of coralline algae in growth position debris of branching corals (incl. robust branching corals) Halimeda in cavities</p> <p>microbialite morphology laminated some laminated microbialites with dendritic on top</p> <p>CORALS C1 tabular acropora fragment C2 branching pocillopora fragment C3 encrusting porites in situ C4 encrusting montipora? in situ C5 robust branching pavona fragment C6 encrusting pavona C7 branching porites fragments C8 unknown coral</p> <p>FOSSILS: Acropora - tabular; Encrusting coralline algae; Gastropod; Halimeda; Microbialite; Montipora - encrusting; Other coral; Pavona - branching; Pavona - encrusting; Pocillopora - branching; Porites - branching; Porites - encrusting</p>
10			C2					
20			C3					
30			C4	CUP				
40			C1					
50			C2					
60			C1					
70	1		C2	CUP				
80			C5					
90			C6					
100			C4	CUP				
110			C2					
120			C7					
130		C3	CUP					
140		C8						



Core Photo

310-M0005C-9R-2 (Section top: 17.35 mbsf)

cm	Section subunit	Scanned image	Coral identifier	Science Party studies	Lithologic unit	Lithology	Bioerosion	Disturbance
0			C1		Unit I			
10			C1					
15	1		C2					
20			C2					
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

UNIT TYPE: Microbialite

MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: Corals

C1 - br Porites

C2 - tabular Acropora (in situ)

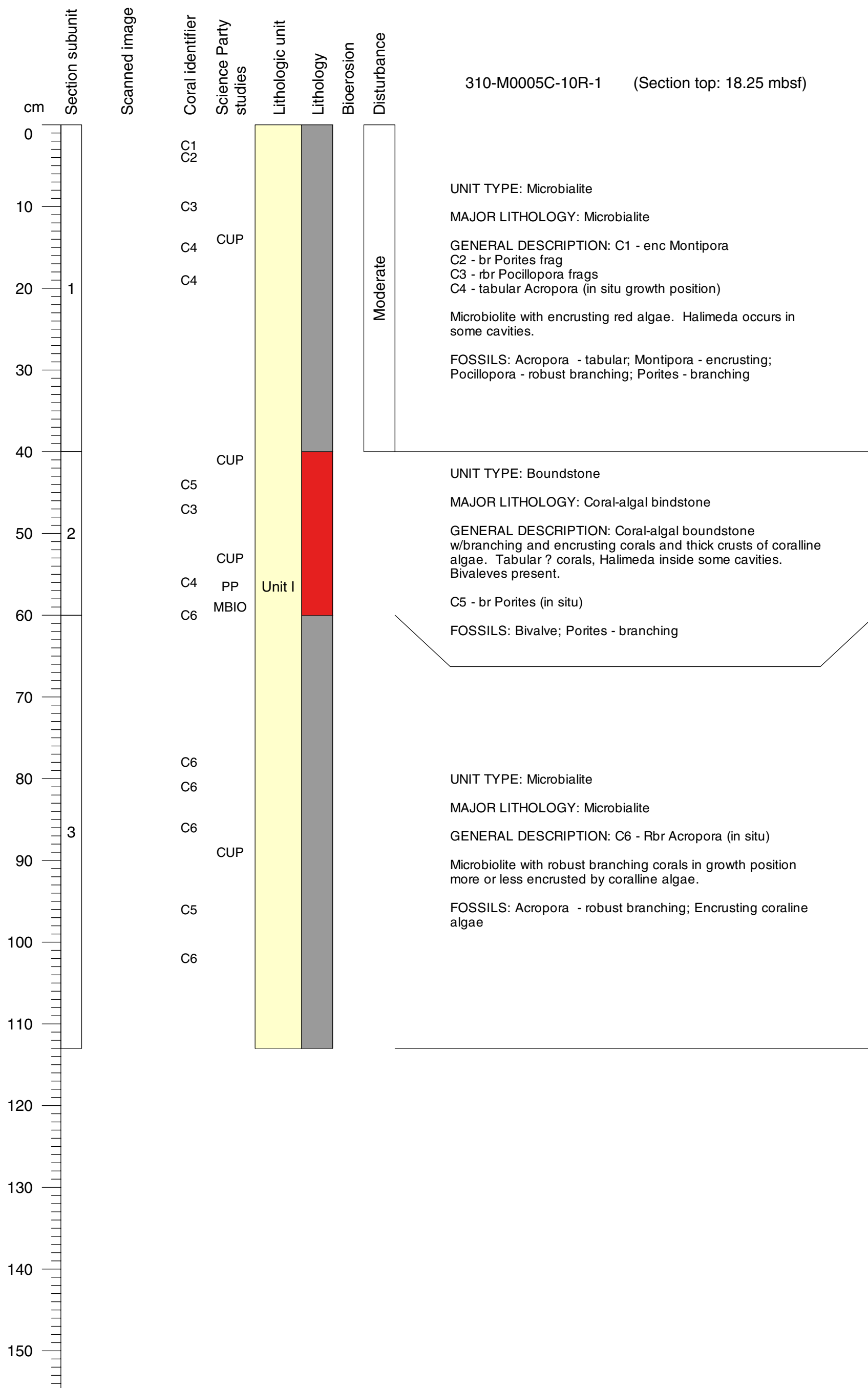
Lithology

Microbialites in which occur tabular corals and coralline algae in growth position. Rare Halimeda

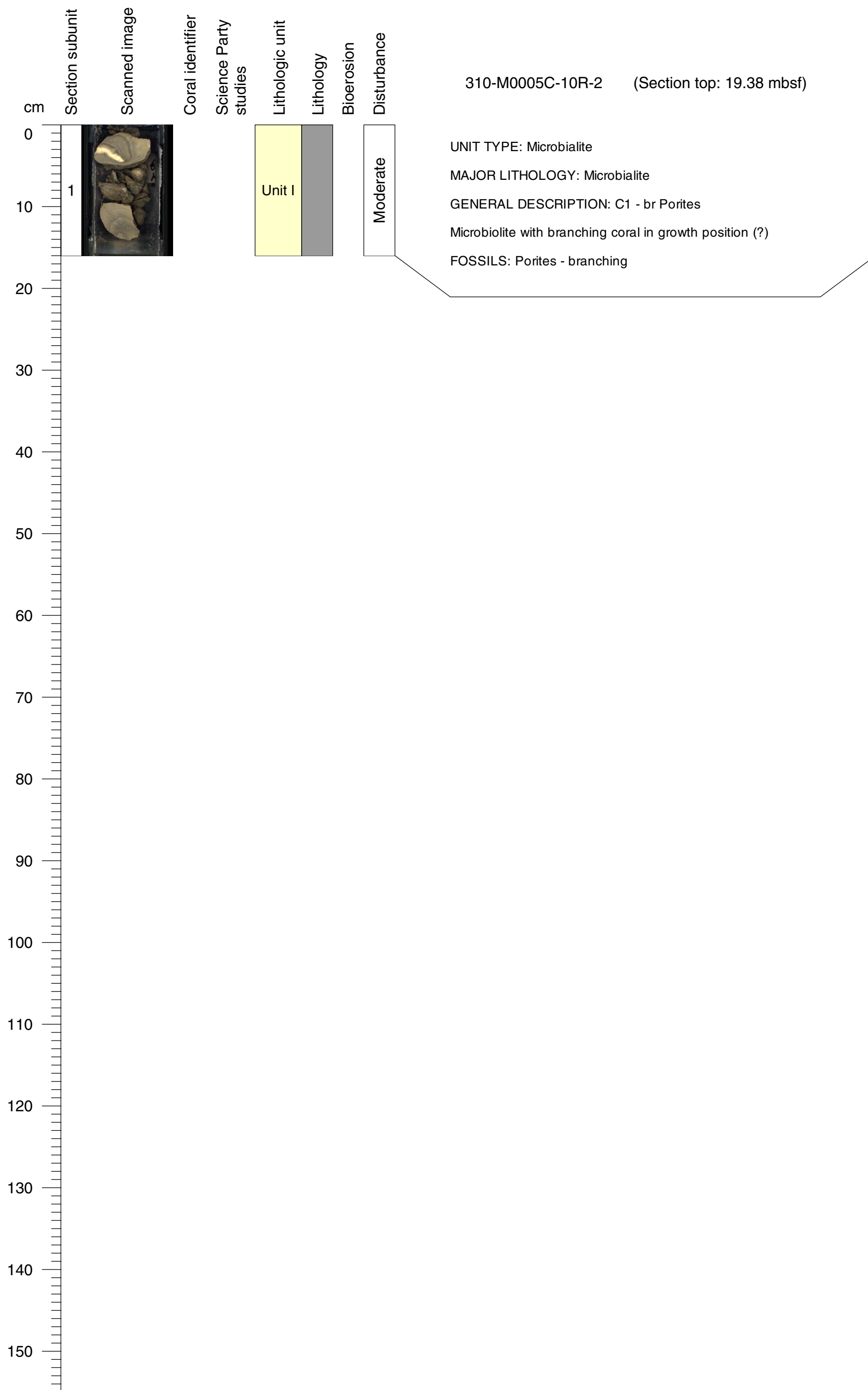
FOSSILS: Acropora - tabular; Porites - branching



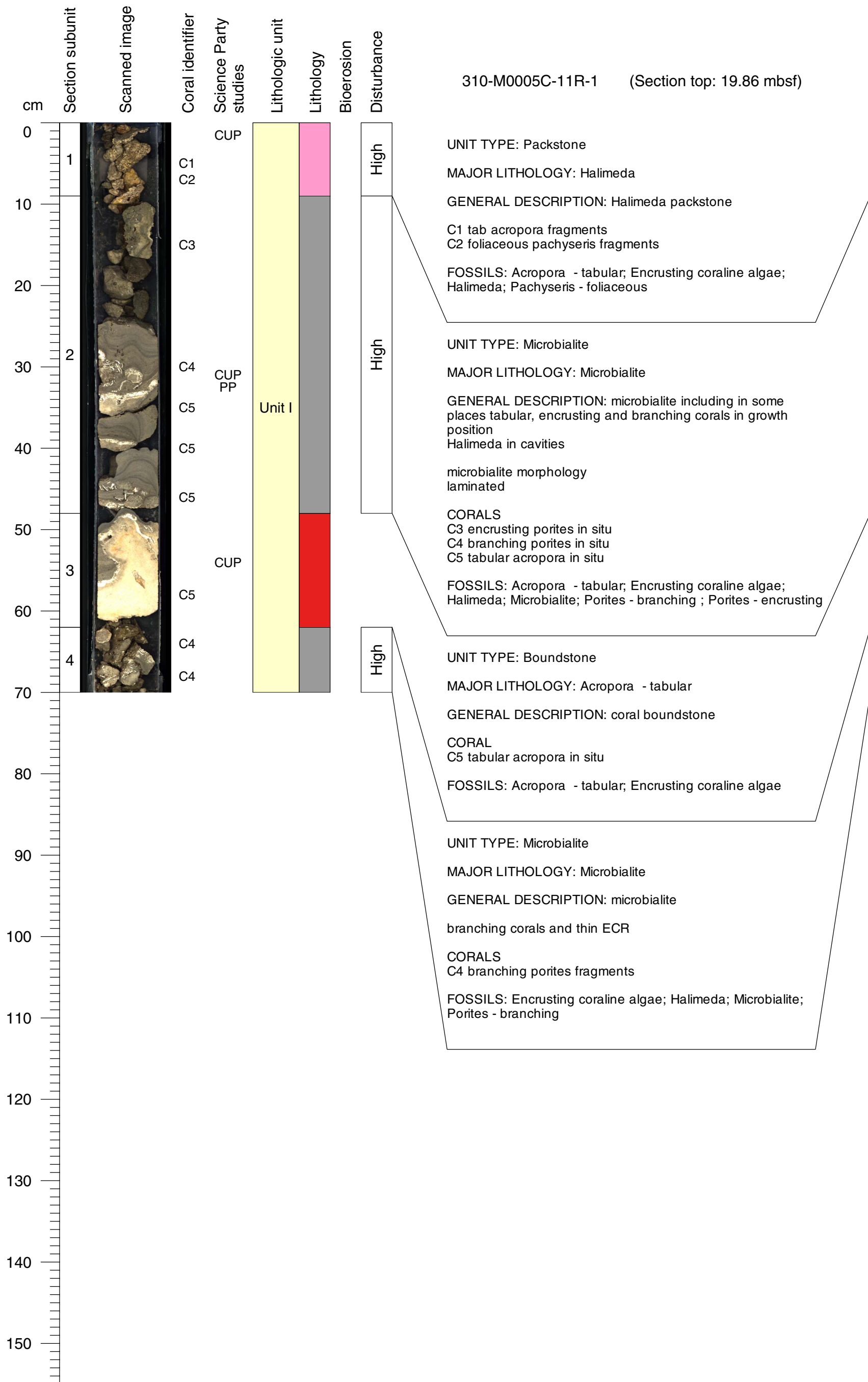
Core Photo



Core Photo

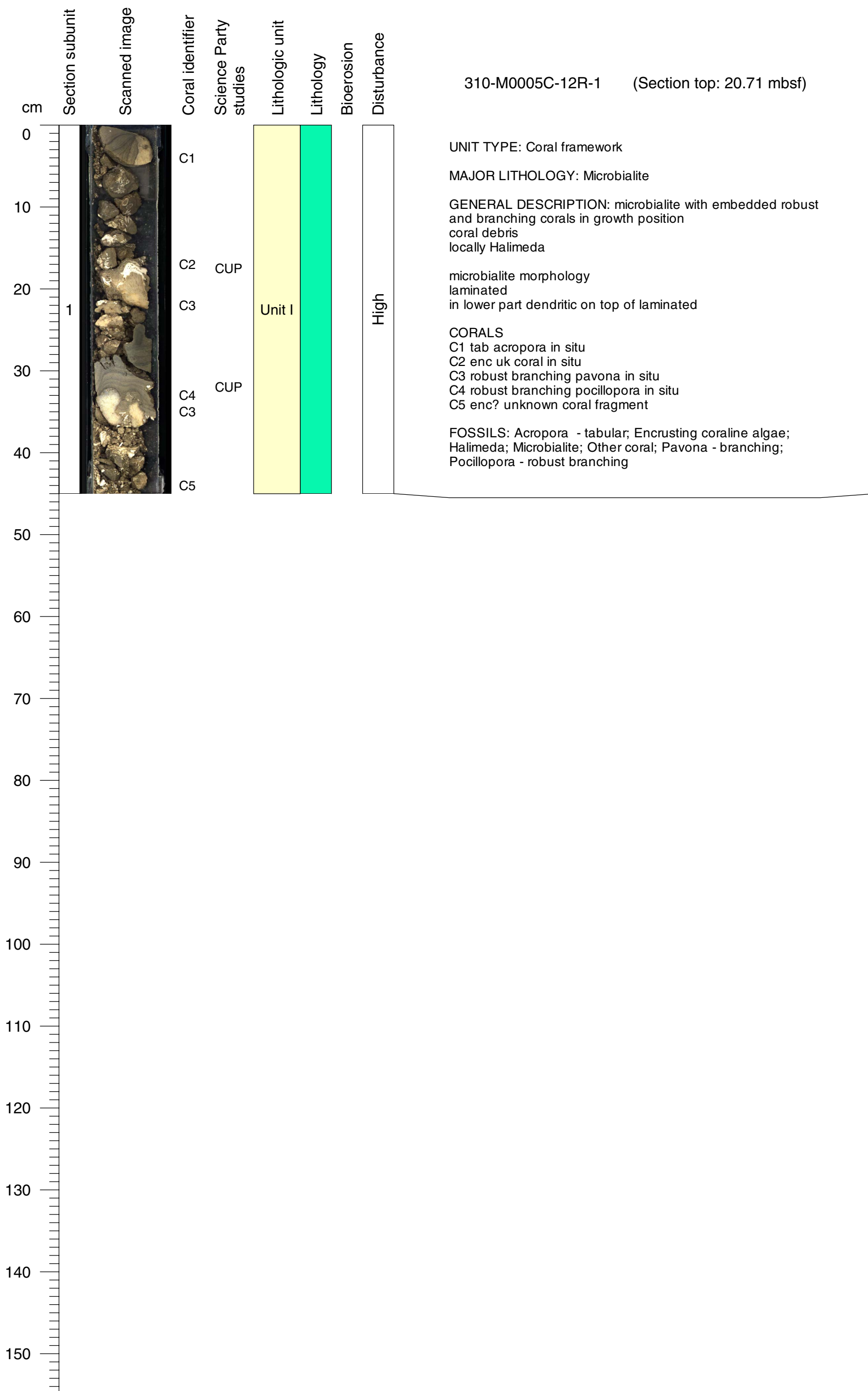


Core Photo



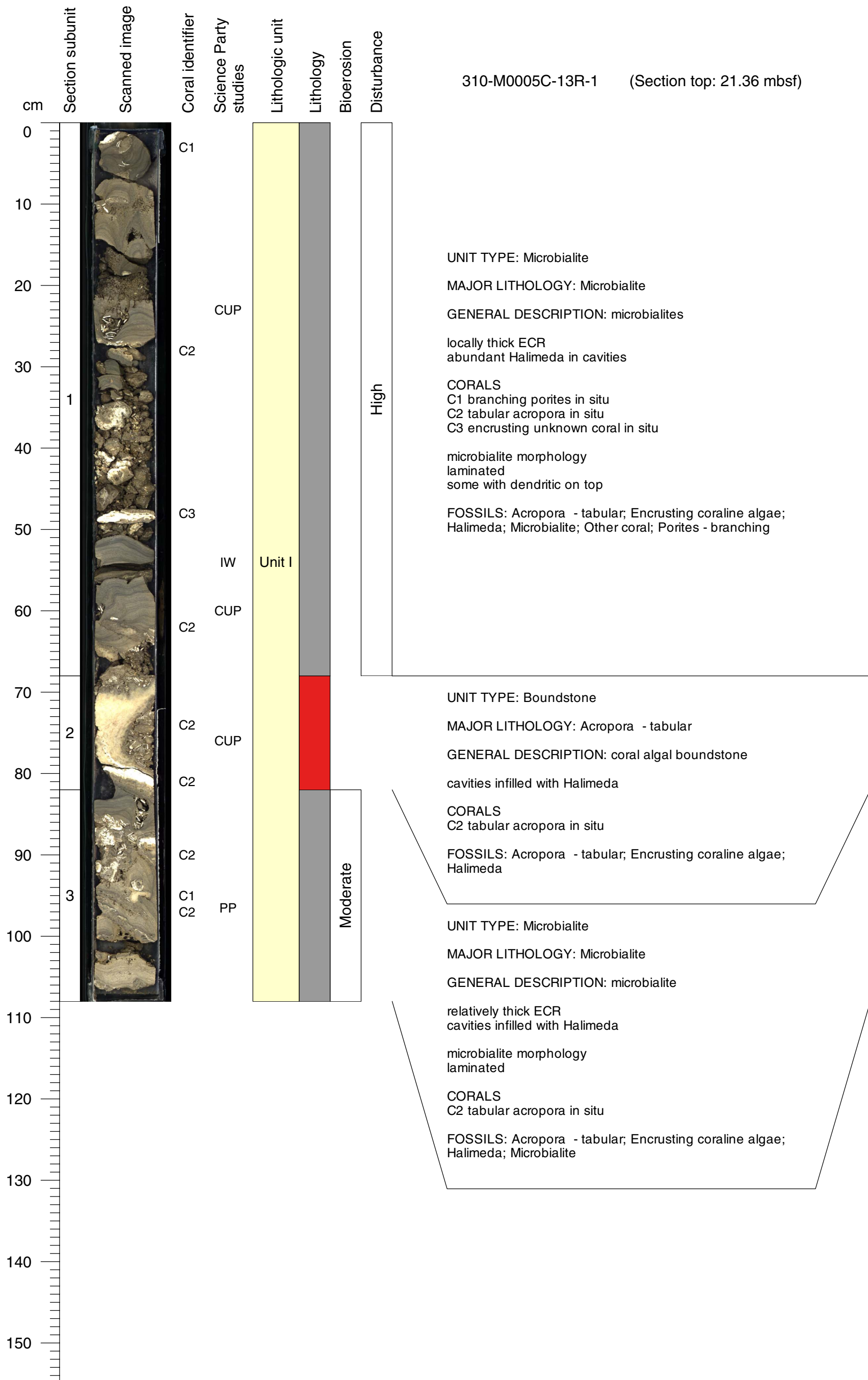
Core Photo

310-M0005C-12R-1 (Section top: 20.71 mbsf)

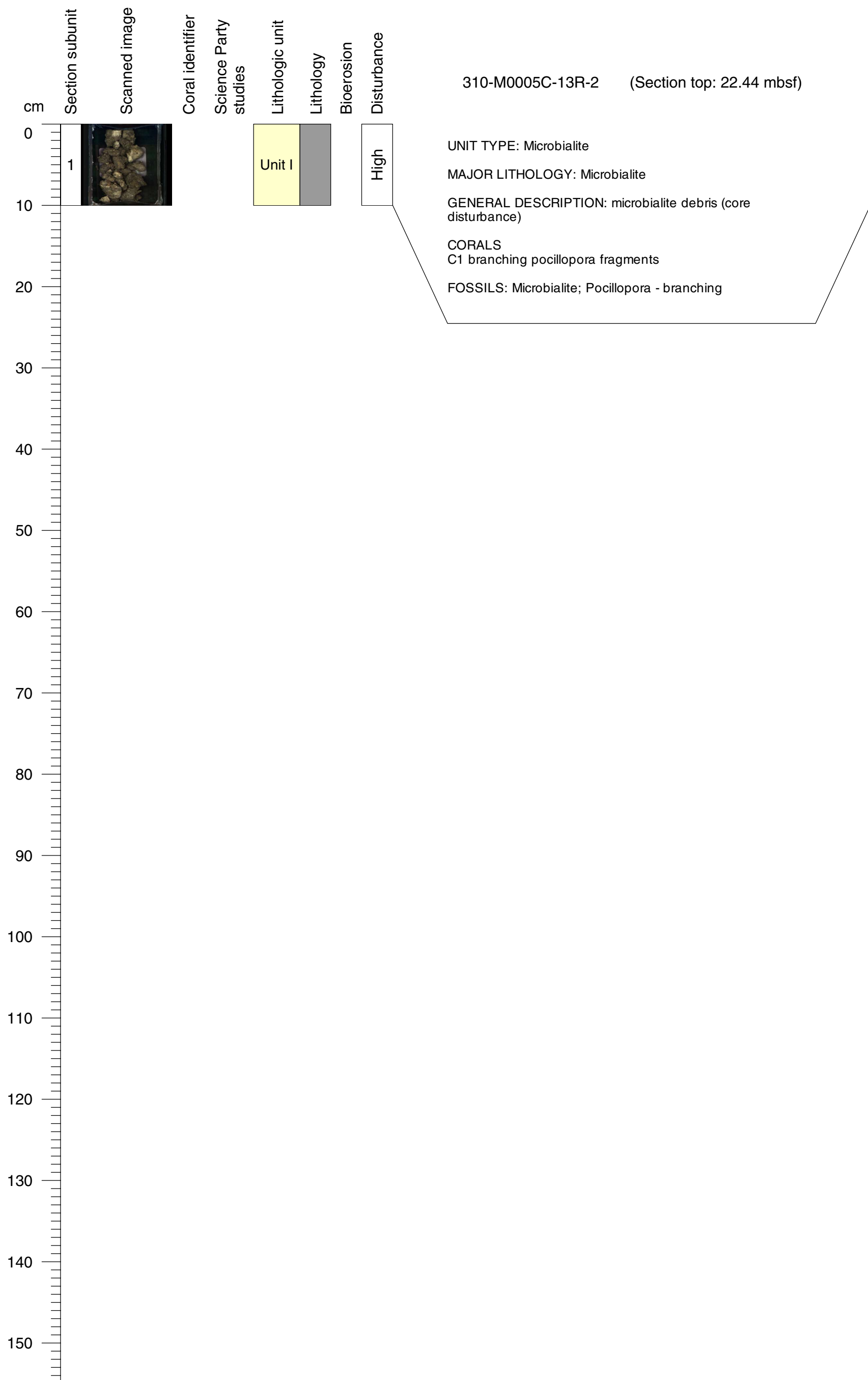


Core Photo

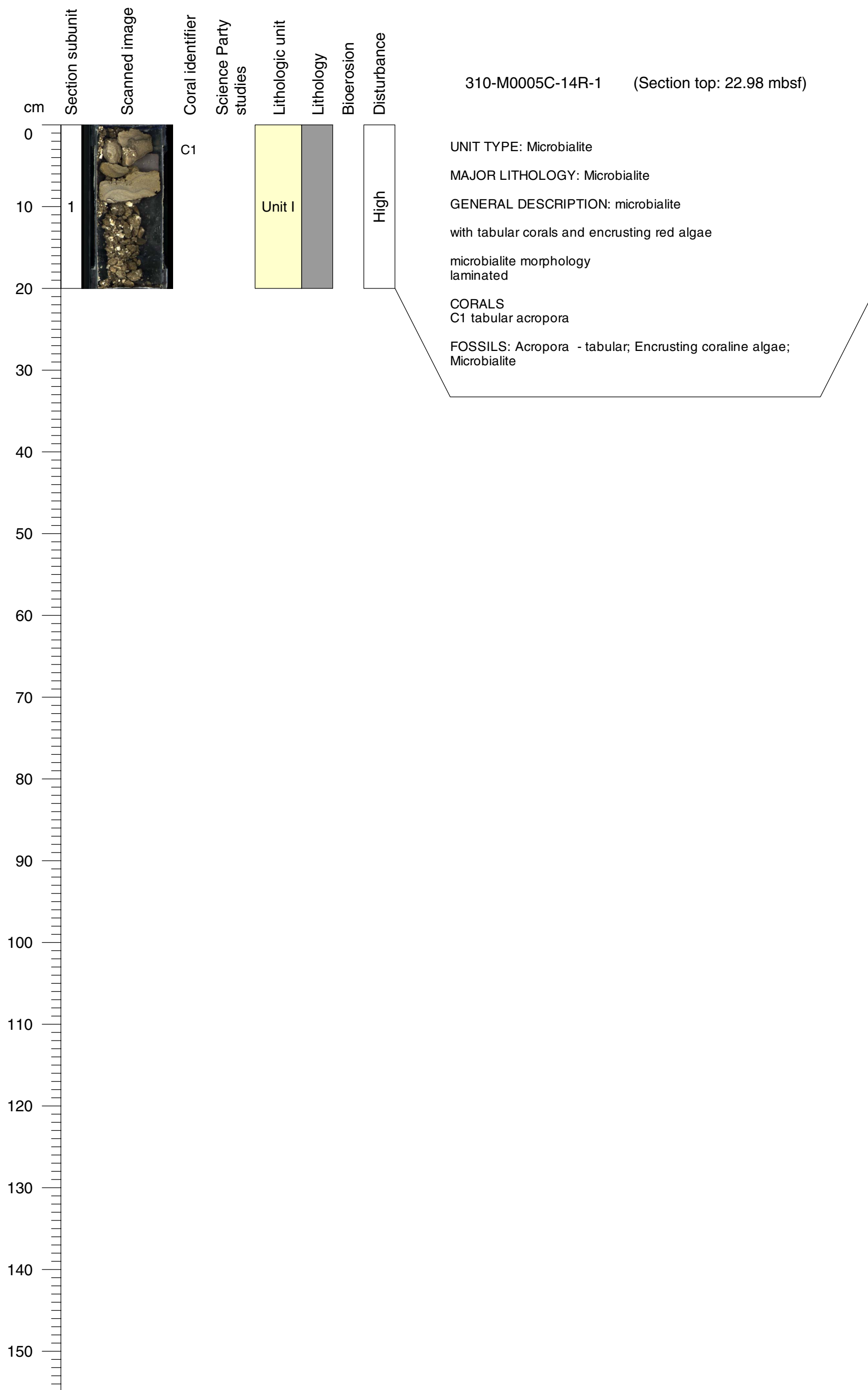
310-M0005C-13R-1 (Section top: 21.36 mbsf)



Core Photo

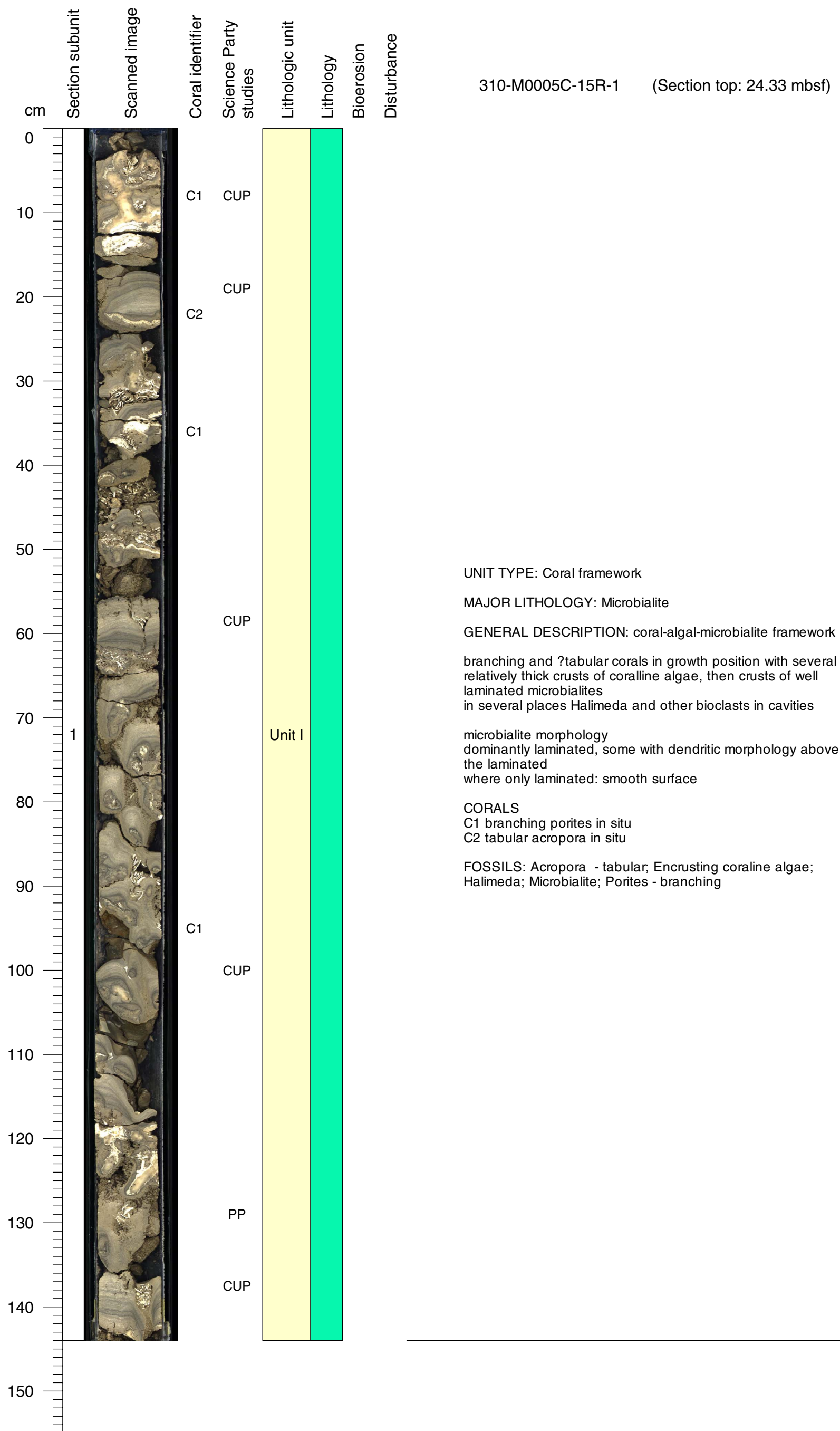


Core Photo

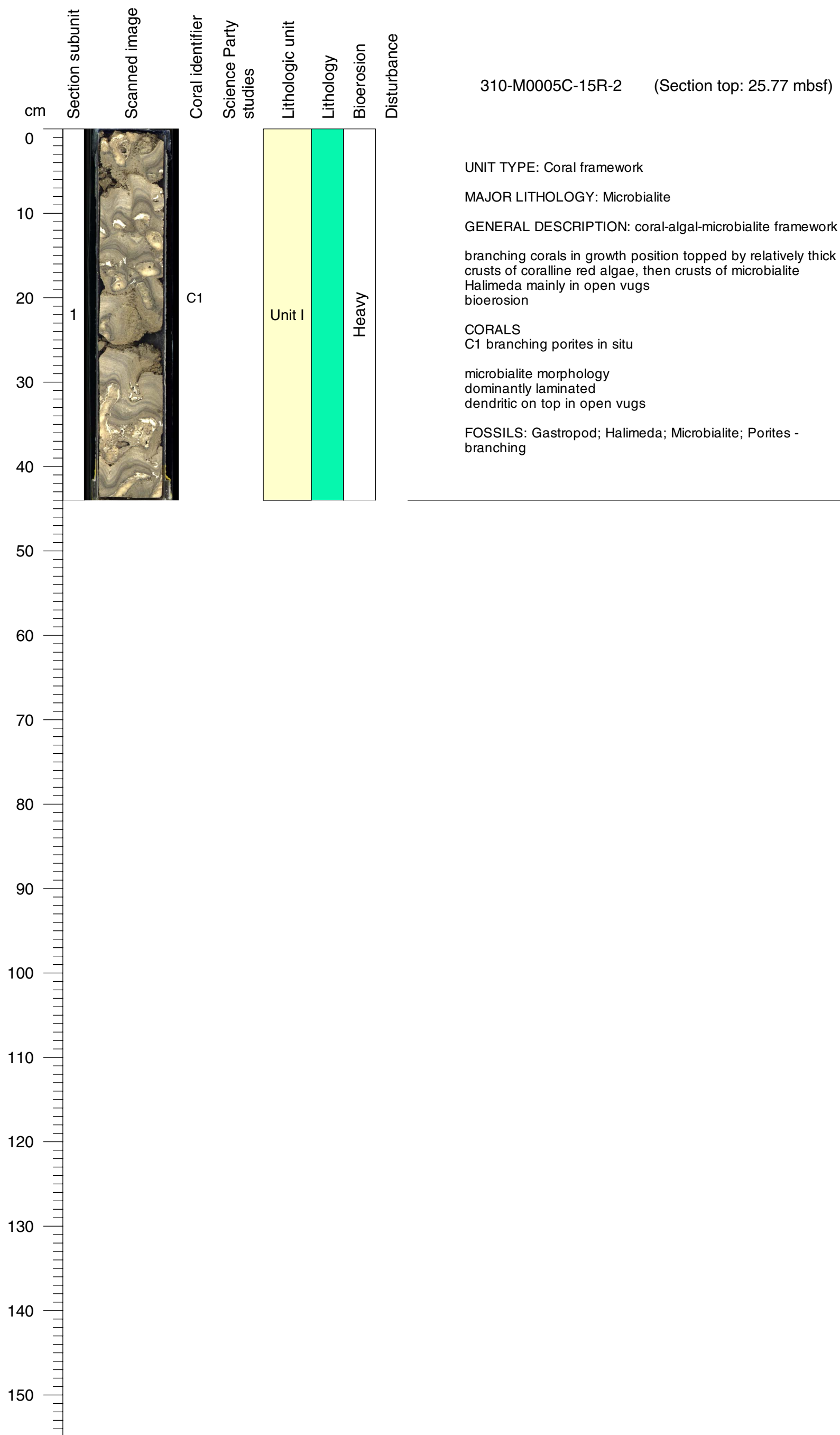


Core Photo

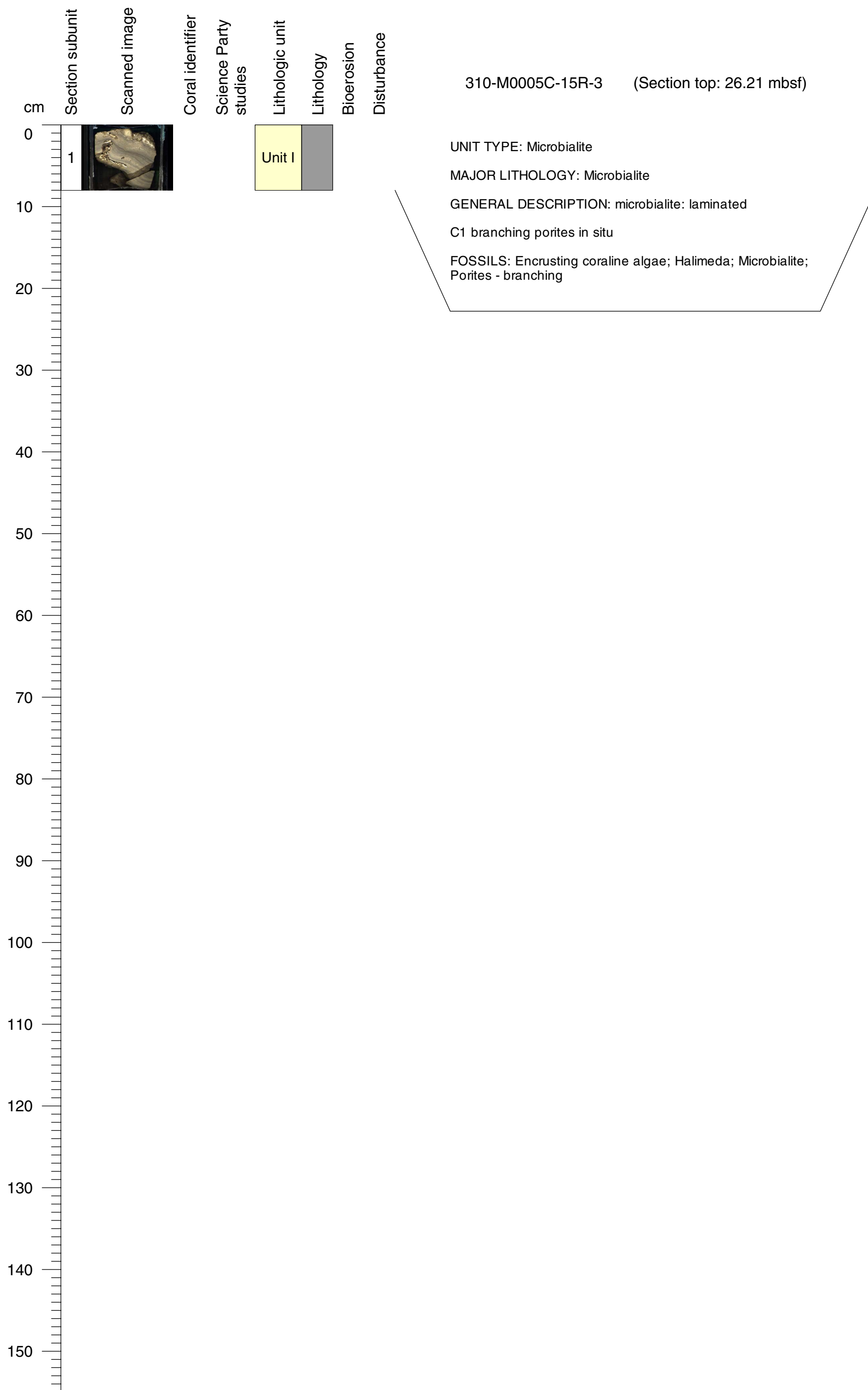
310-M0005C-15R-1 (Section top: 24.33 mbsf)



Core Photo

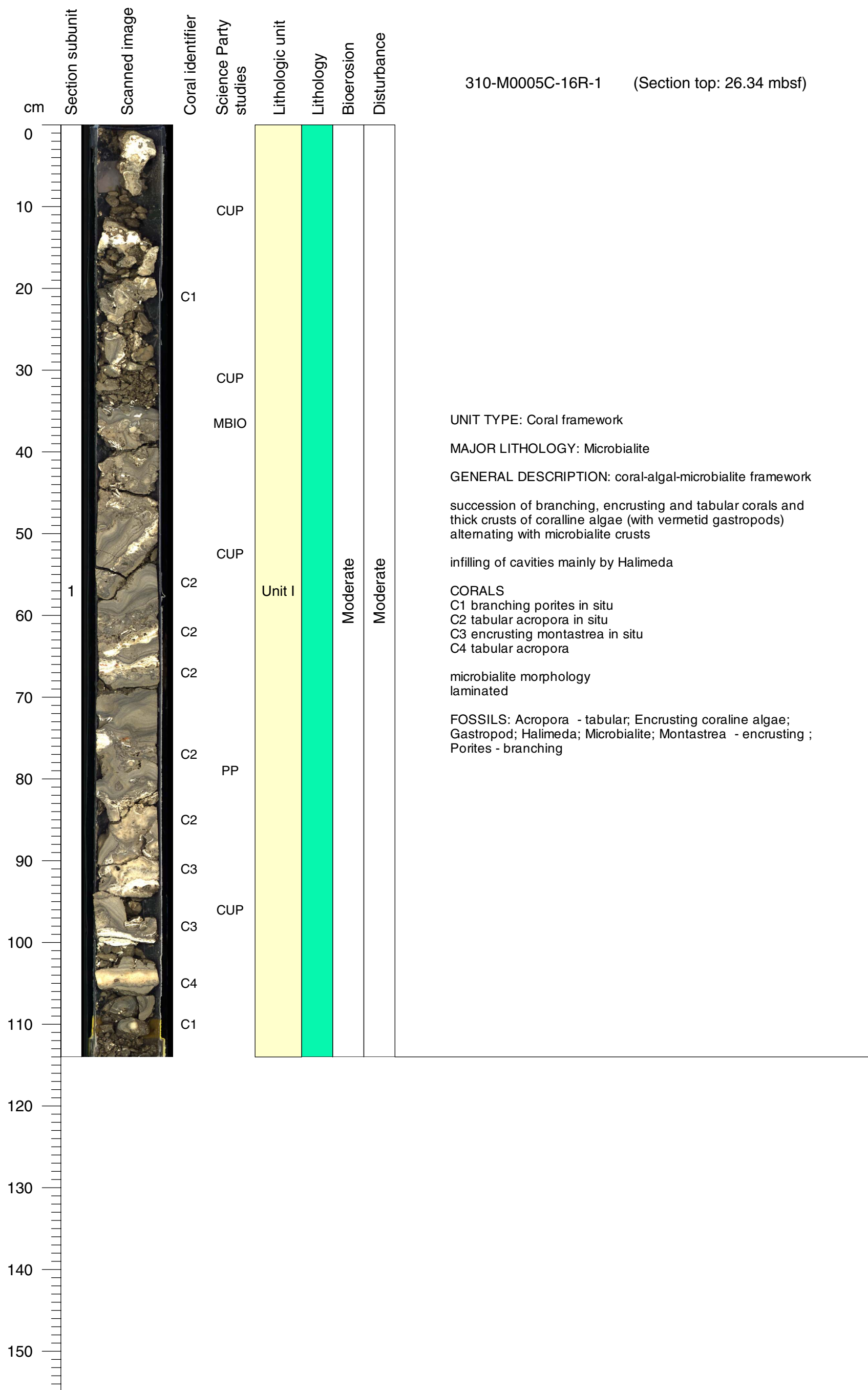


Core Photo



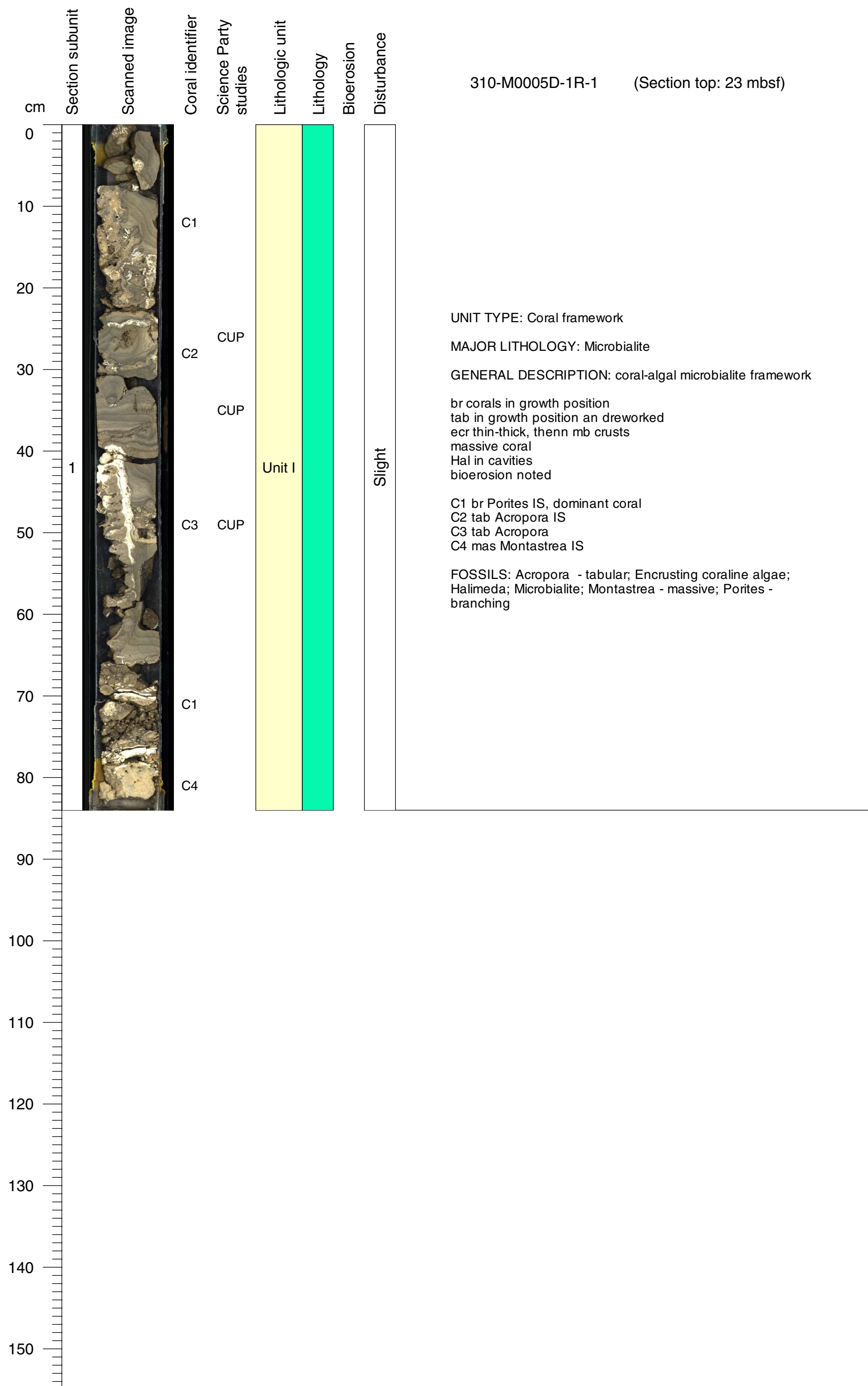
Core Photo

310-M0005C-16R-1 (Section top: 26.34 mbsf)

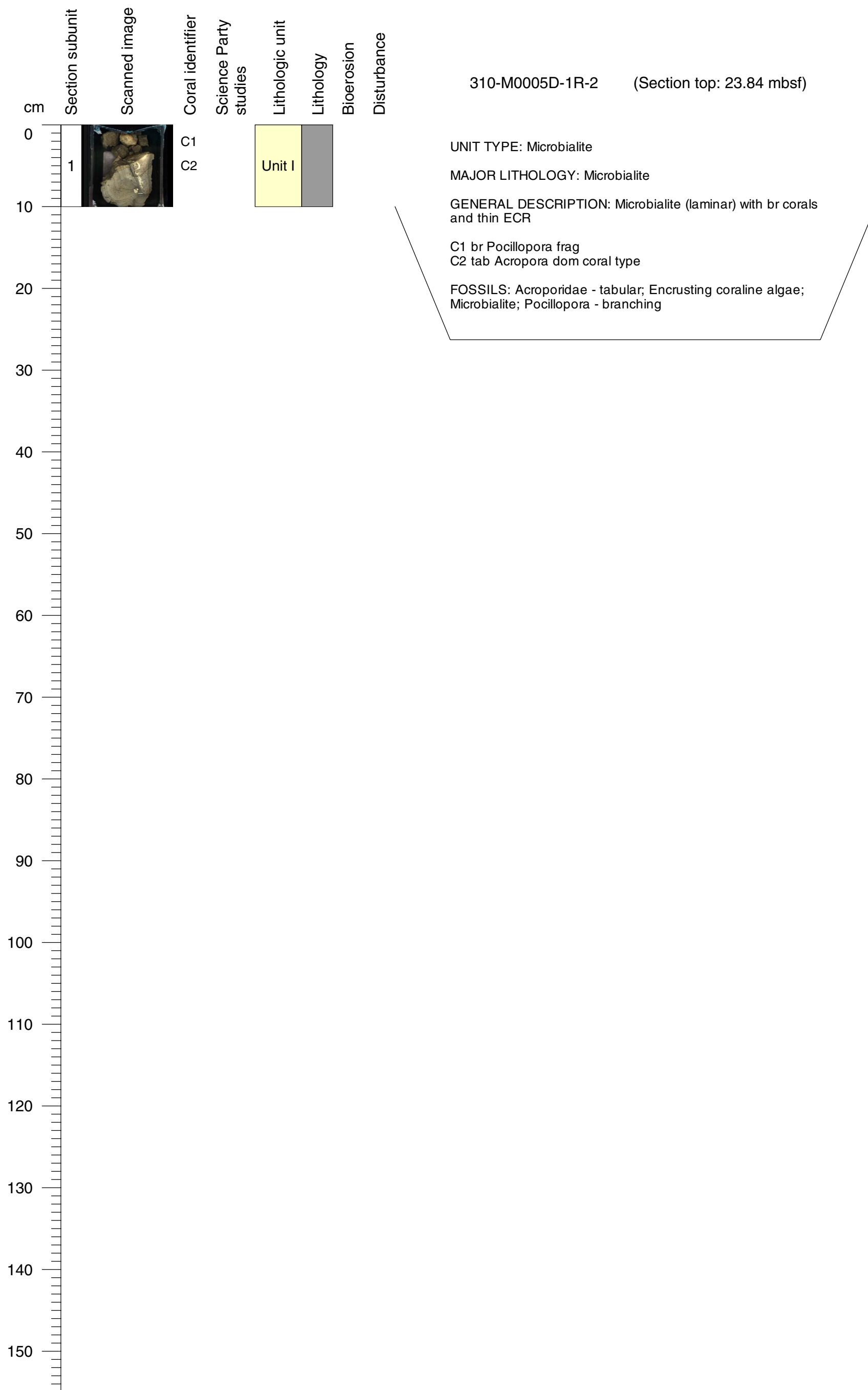


Core Photo

310-M0005D-1R-1 (Section top: 23 mbsf)

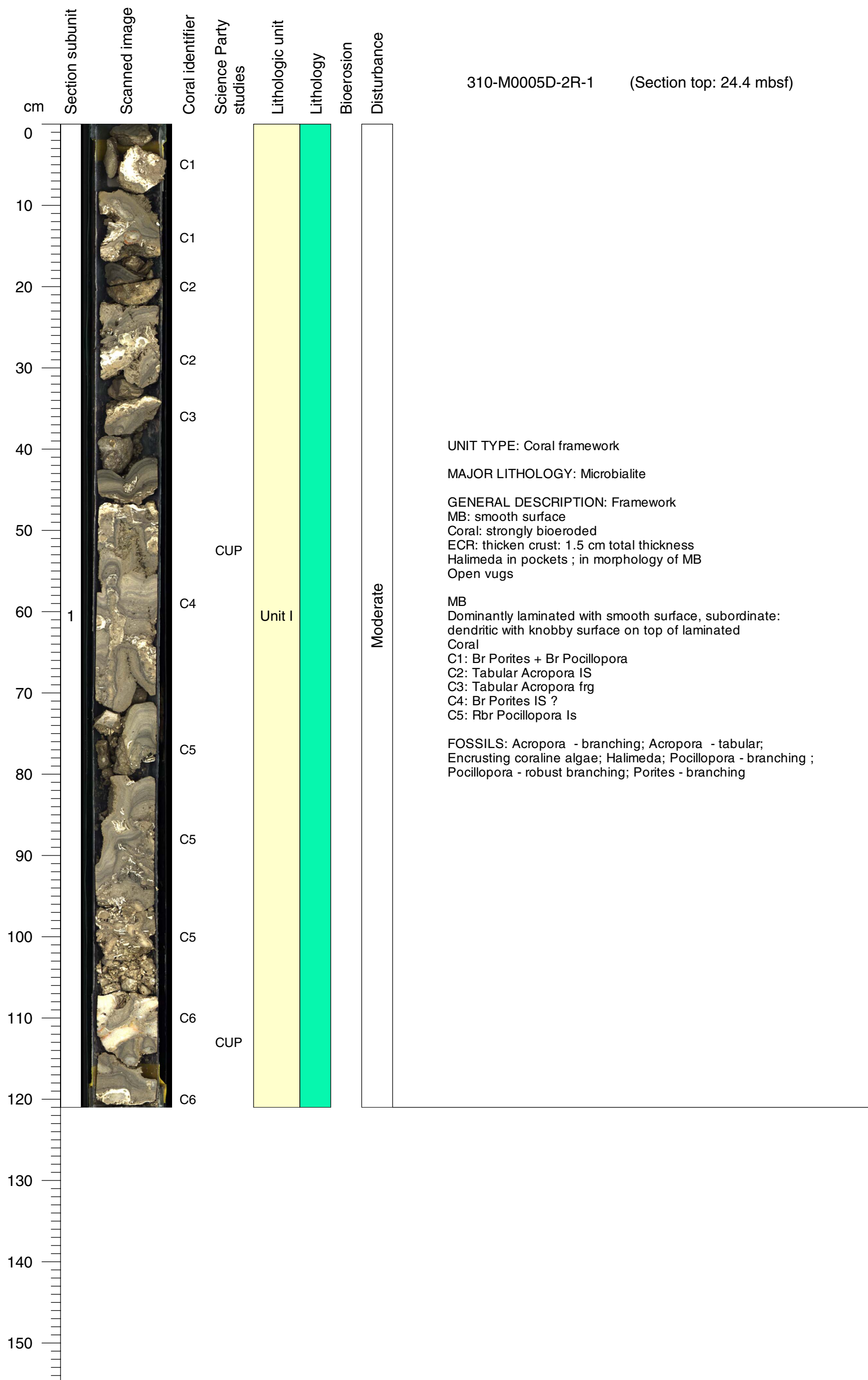


Core Photo



Core Photo

310-M0005D-2R-1 (Section top: 24.4 mbsf)

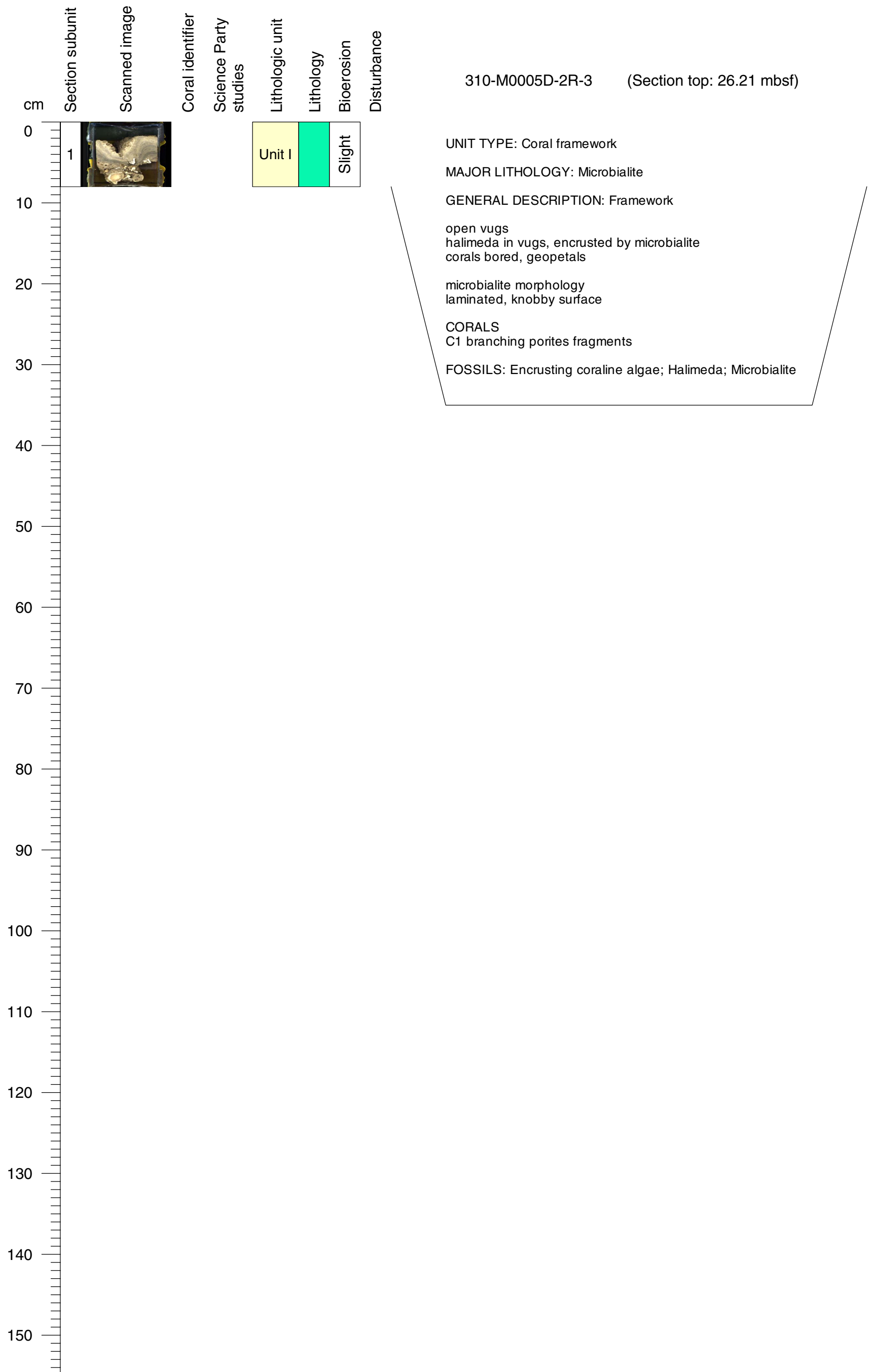


Core Photo

310-M0005D-2R-2 (Section top: 25.61 mbsf)

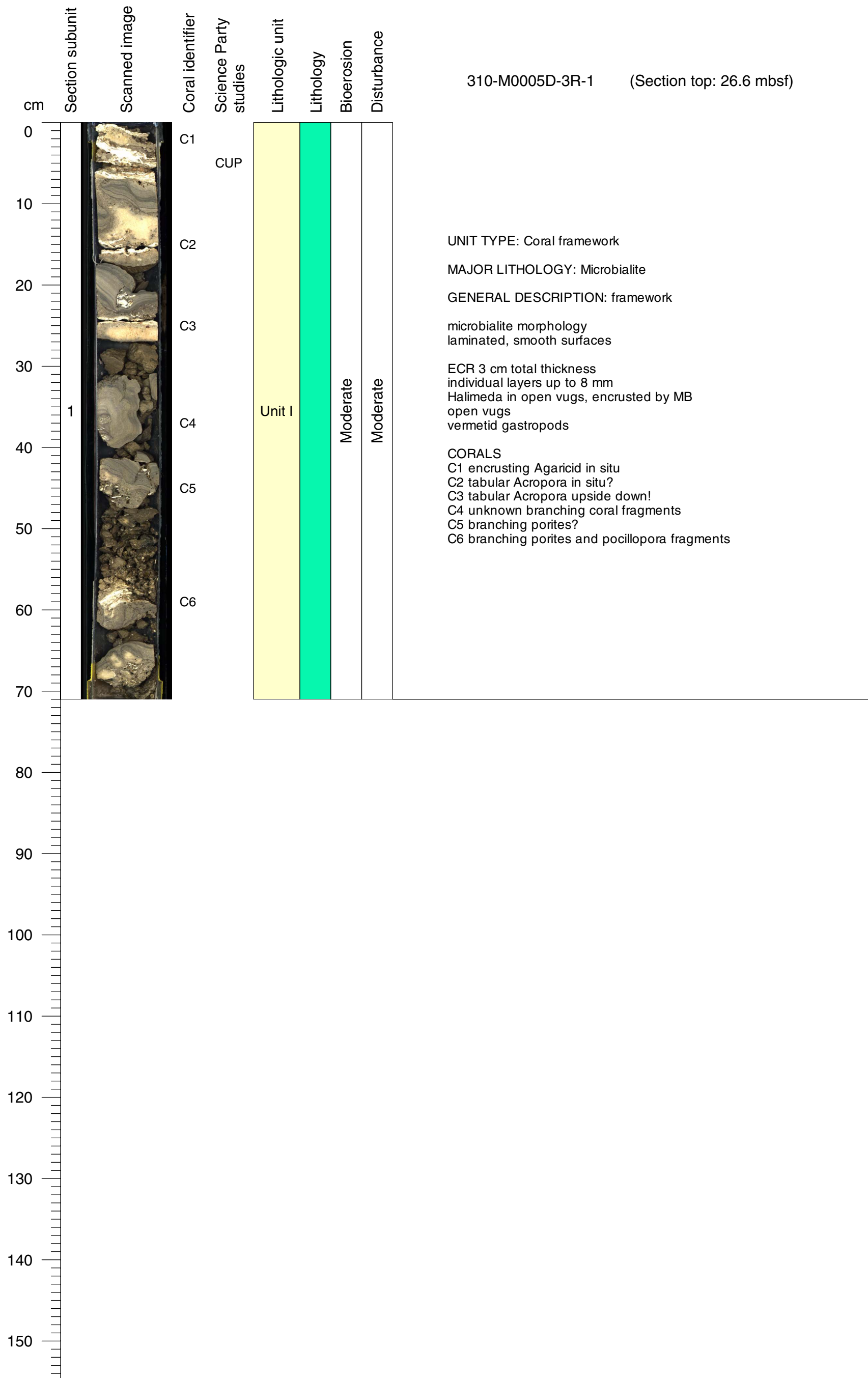
cm	Section subunit	Scanned image	Coral identifier	Science Party studies	Lithologic unit	Lithology	Bioerosion	Disturbance	
0					Unit I		Slight	Slight	UNIT TYPE: Coral framework
10									MAJOR LITHOLOGY: Microbialite
20									GENERAL DESCRIPTION: framework
30	1		C1						geopetals in borings
40									ECR up to 3 cm thick total, bored, geopetals, thick individual layers
50									open vugs halimeda in vugs
60					microbialite morphology laminated				
70									CORALS
80									C1 robust branching pocillopora in situ
90									C2 unknown branching coral in situ
100									C3 branching porites fragment
110									C4 encrusting favid/montastrea?
120									C5 encrusting agaricid in situ
130									C6 enc unknown corals in situ
140									FOSSILS: Agariciidae - encrusting; Encrusting coralline algae;
150									Halimeda; Microbialite; Other coral; Pocillopora - robust branching

Core Photo

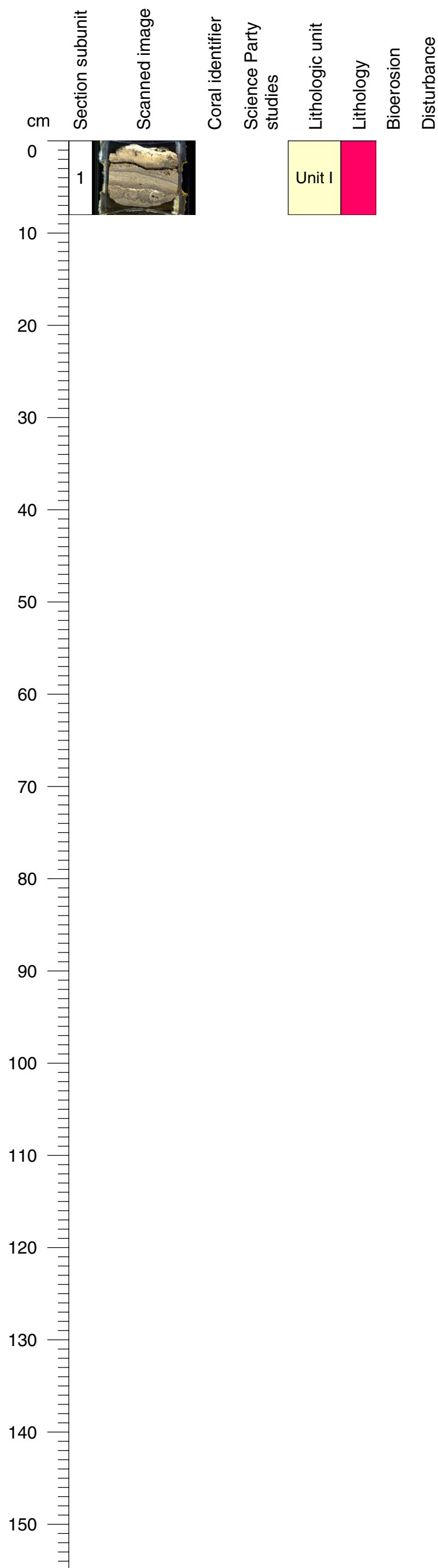


Core Photo

310-M0005D-3R-1 (Section top: 26.6 mbsf)



Core Photo



310-M0005D-3R-2 (Section top: 27.31 mbsf)

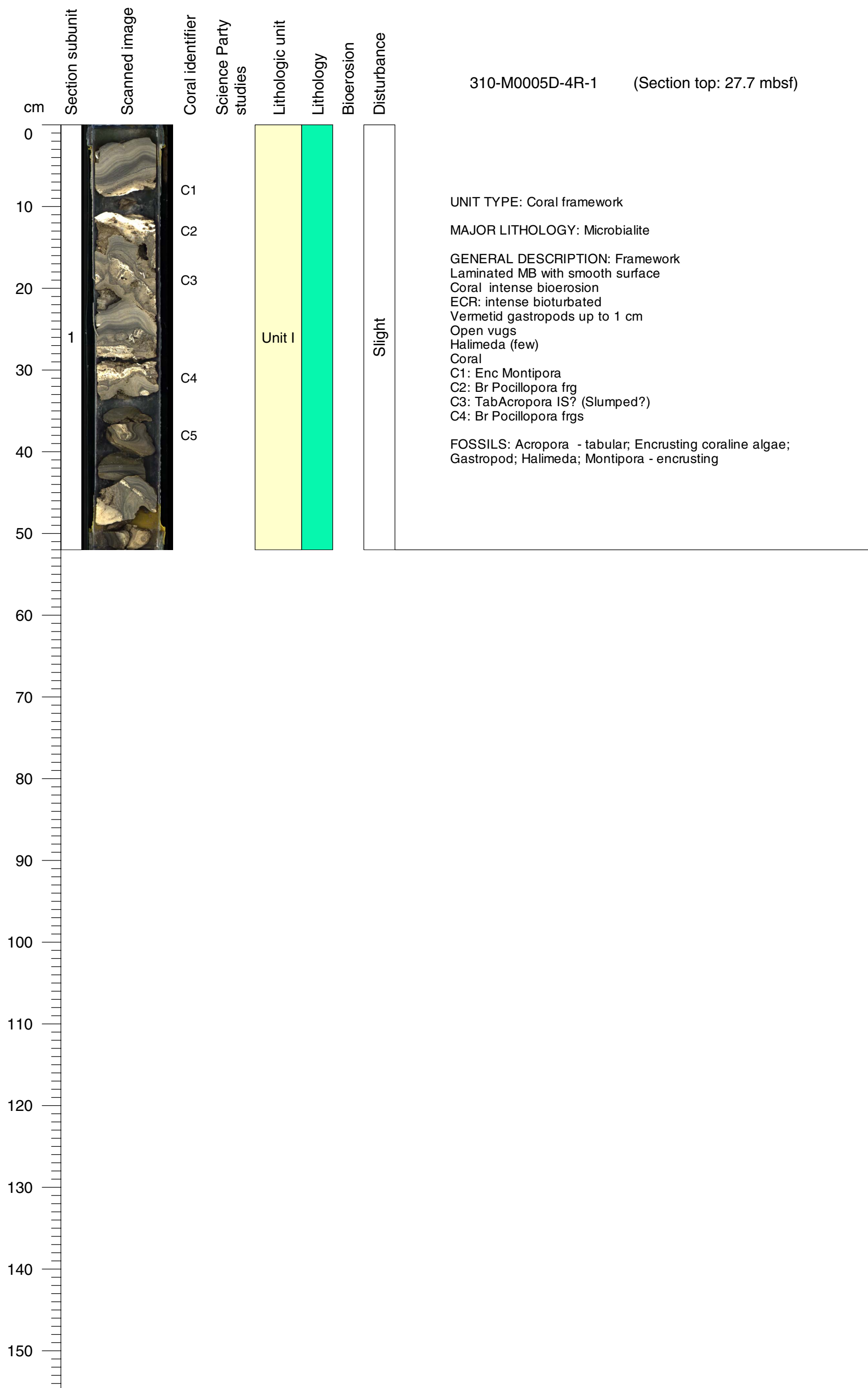
Unit I

UNIT TYPE: Bindstone
 MAJOR LITHOLOGY: Coral-algal bindstone
 GENERAL DESCRIPTION: Coral algal bindstone
 major component: coral
 tabular acropora in situ
 ECR: thin successive layers
 vermetid gastropods
 FOSSILS: Acropora - tabular; Encrusting coralline algae

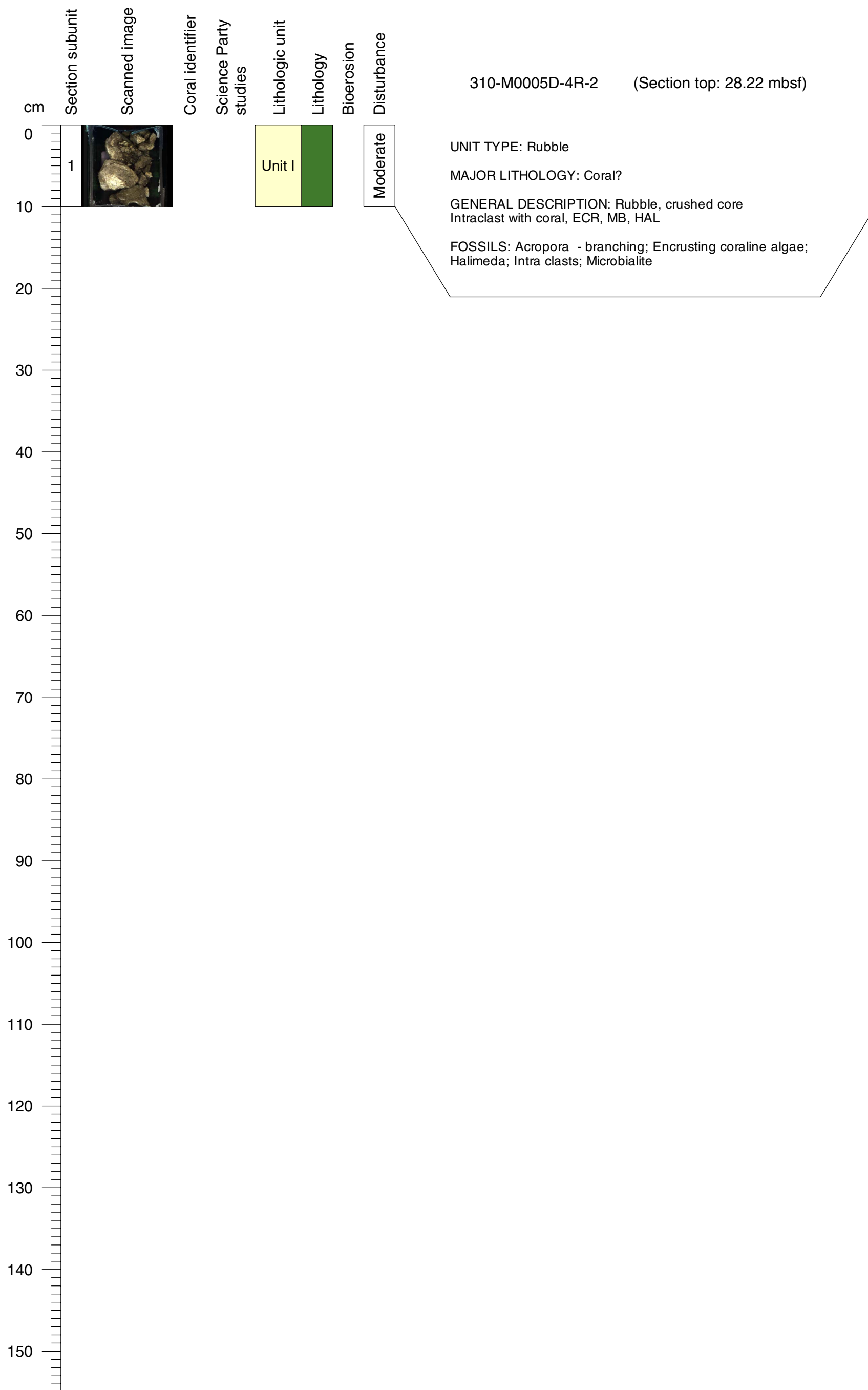


Core Photo

310-M0005D-4R-1 (Section top: 27.7 mbsf)

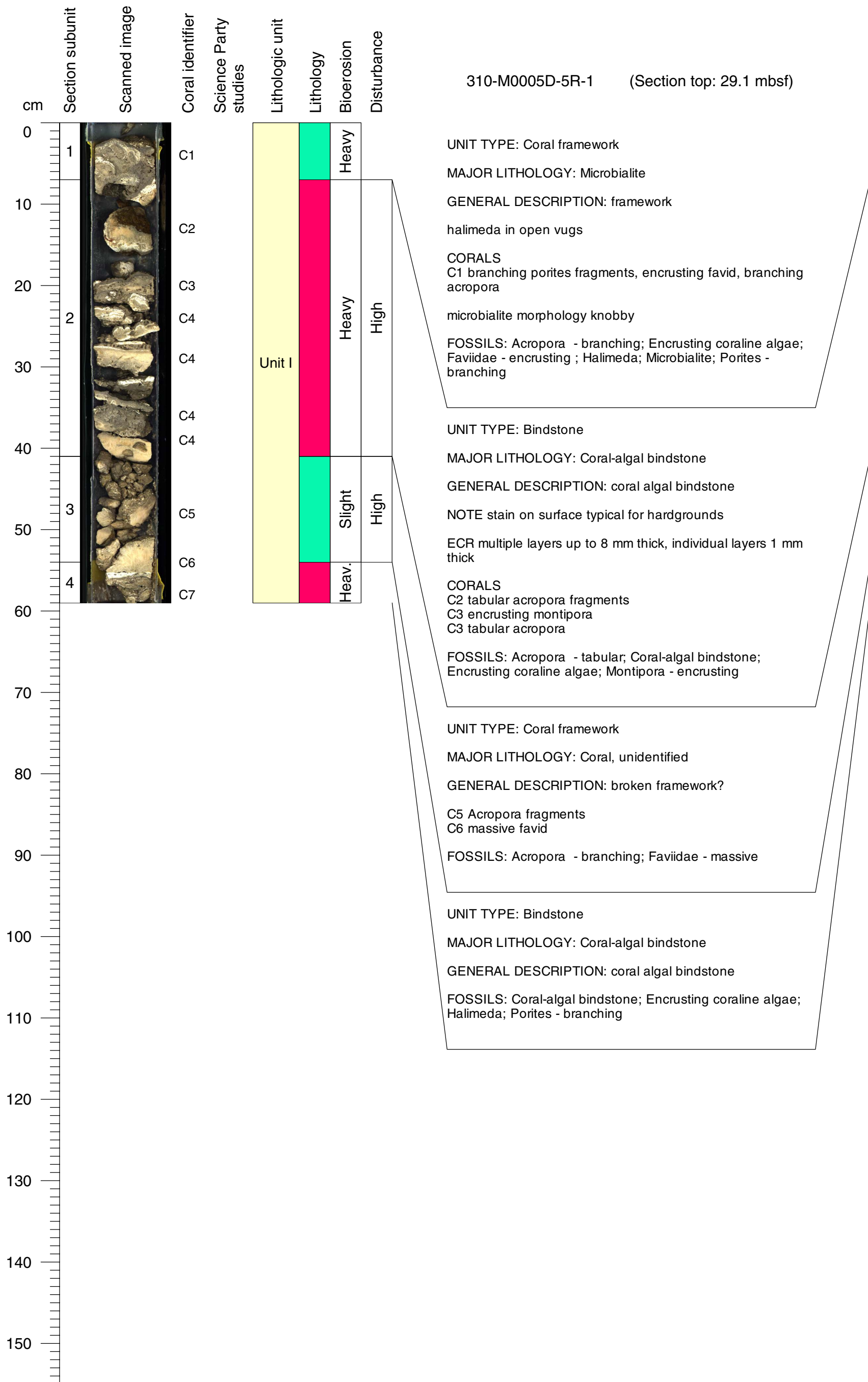


Core Photo

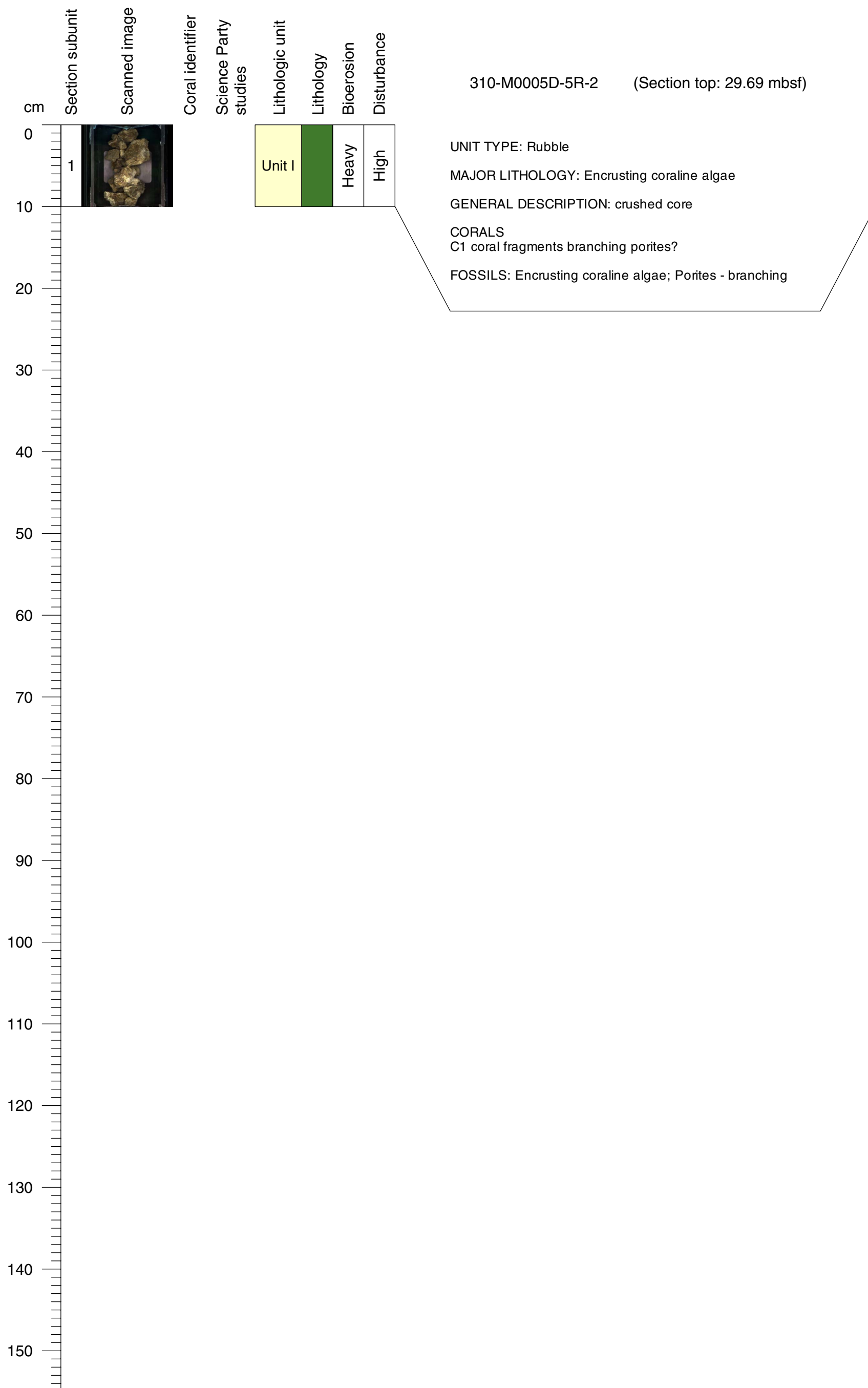


Core Photo

310-M0005D-5R-1 (Section top: 29.1 mbsf)

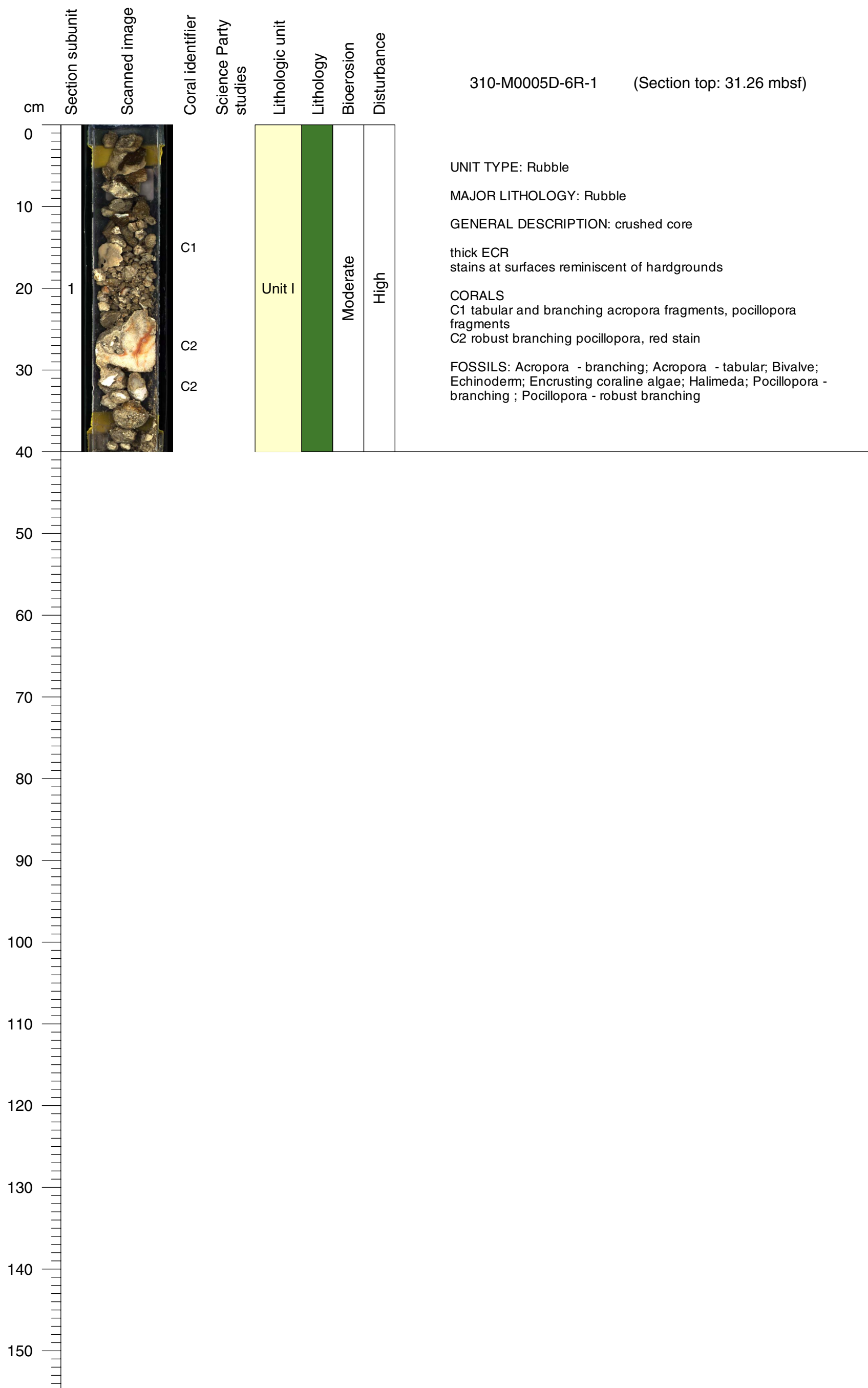


Core Photo

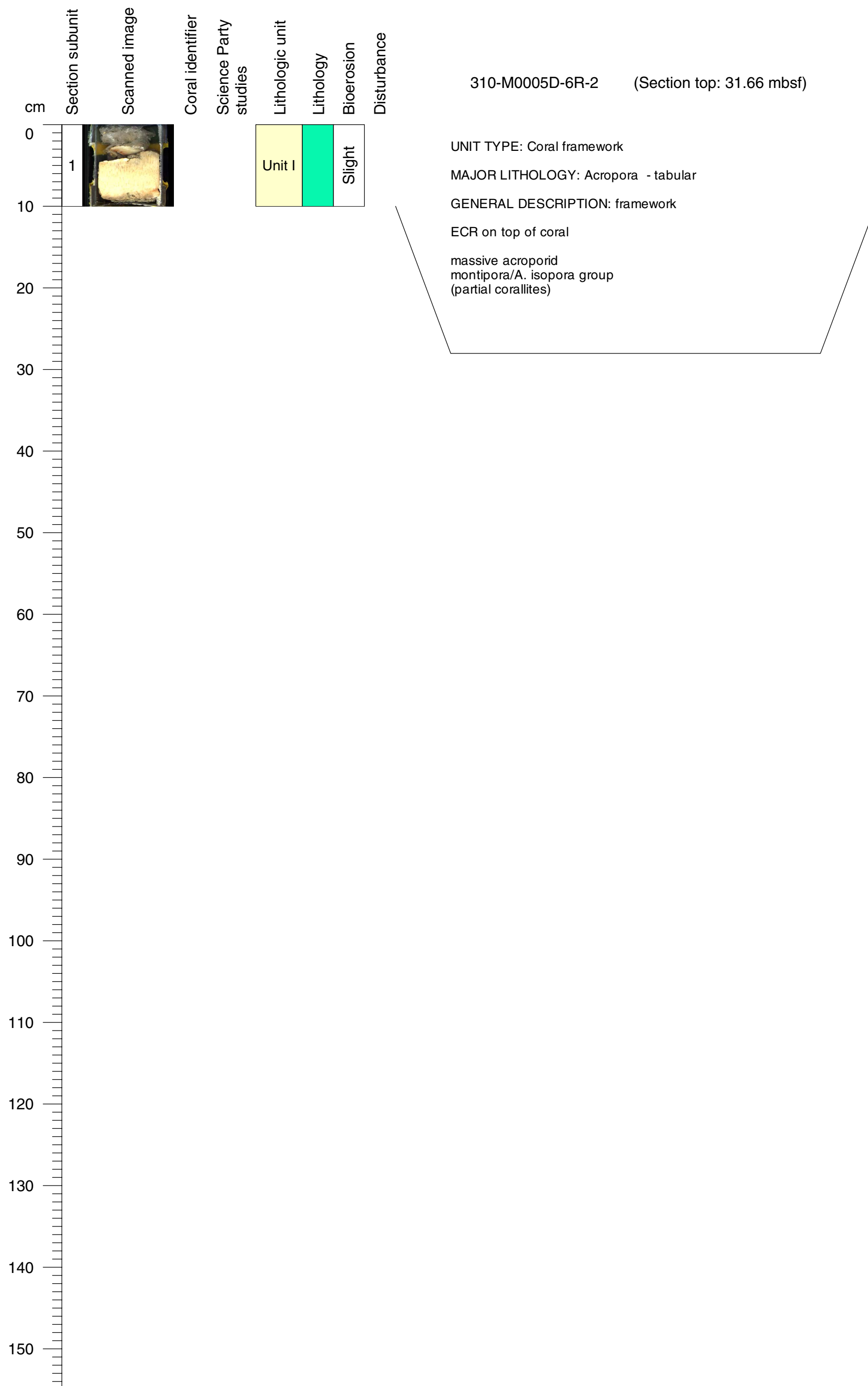


Core Photo

310-M0005D-6R-1 (Section top: 31.26 mbsf)

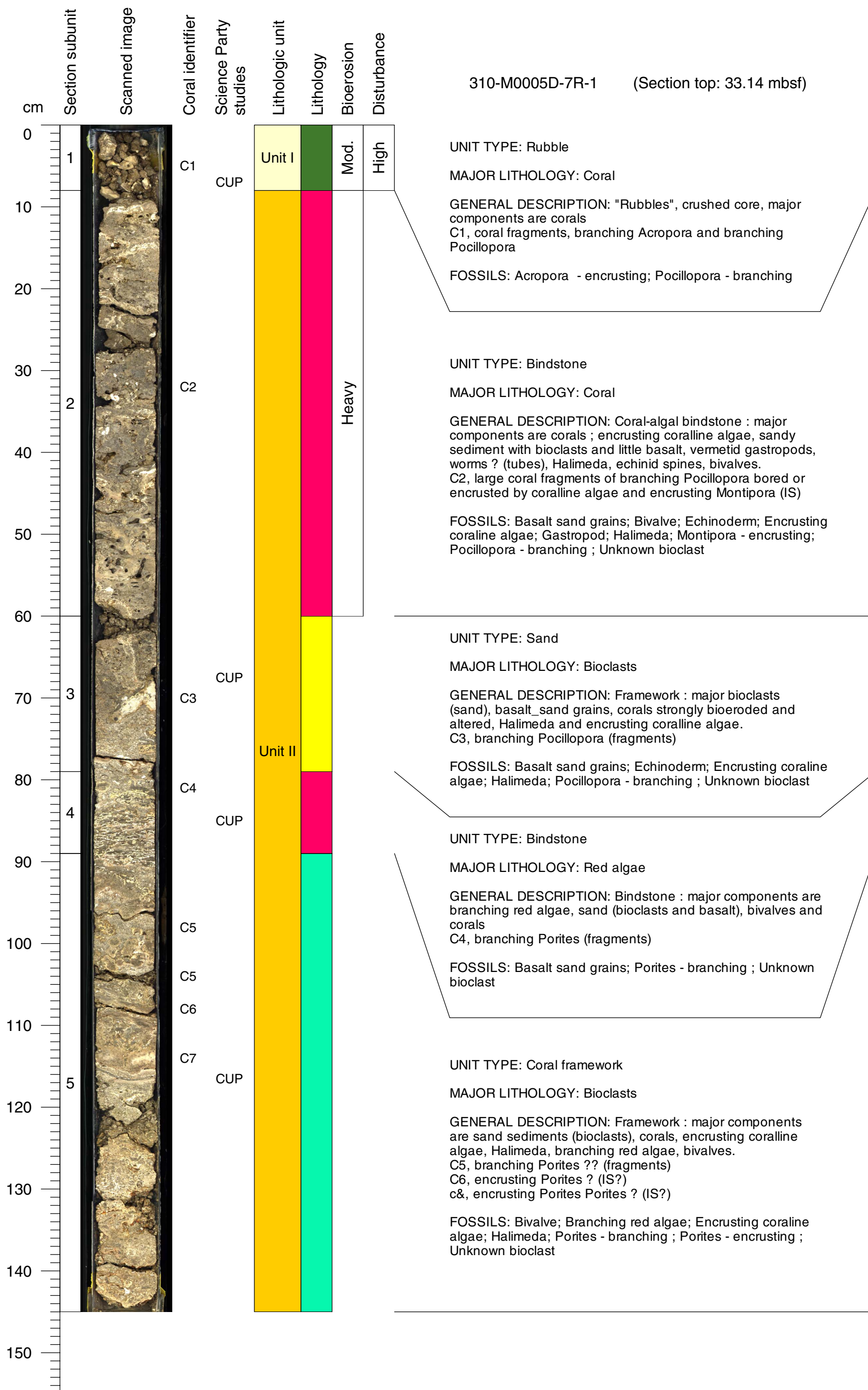


Core Photo

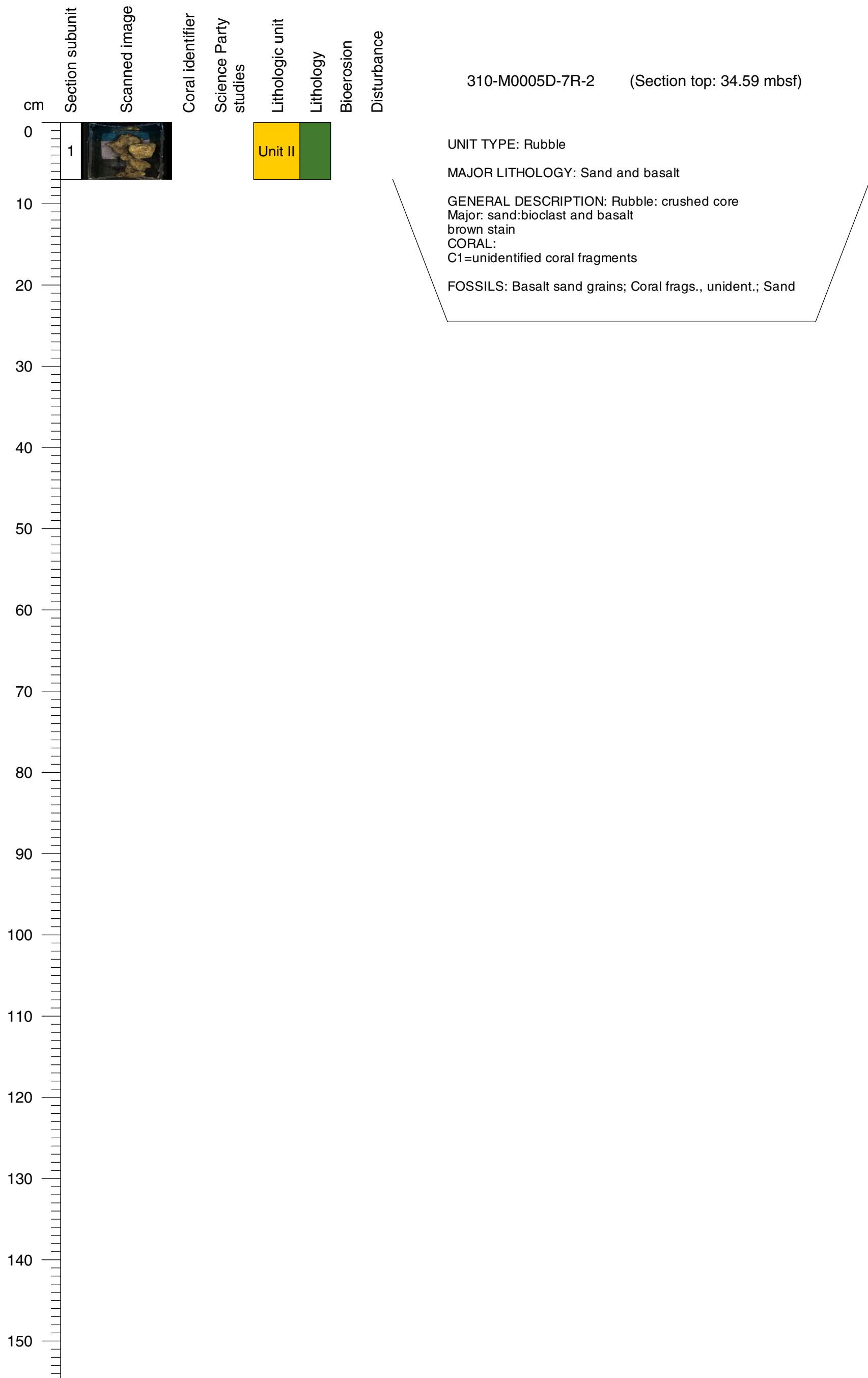


Core Photo

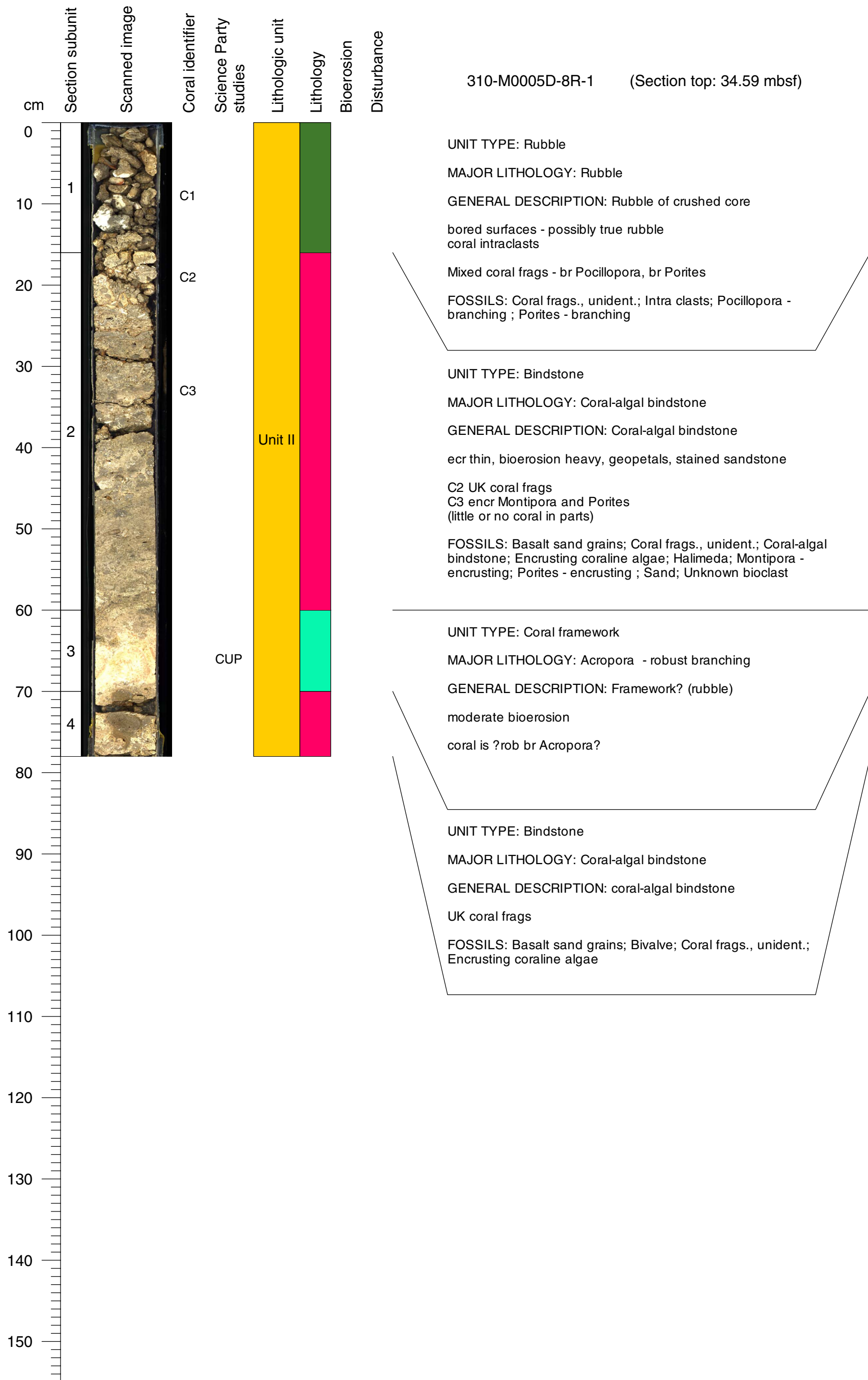
310-M0005D-7R-1 (Section top: 33.14 mbsf)



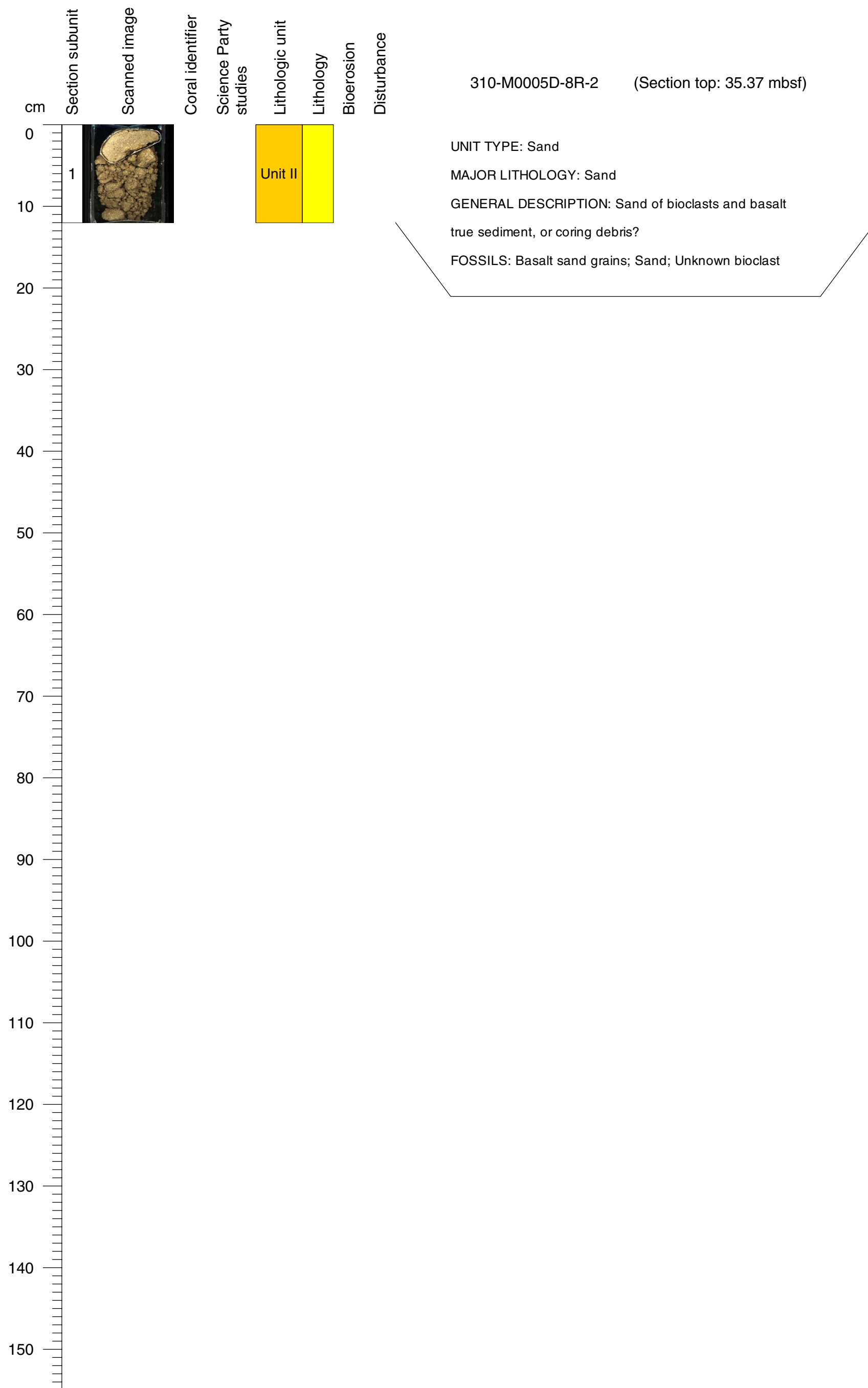
Core Photo



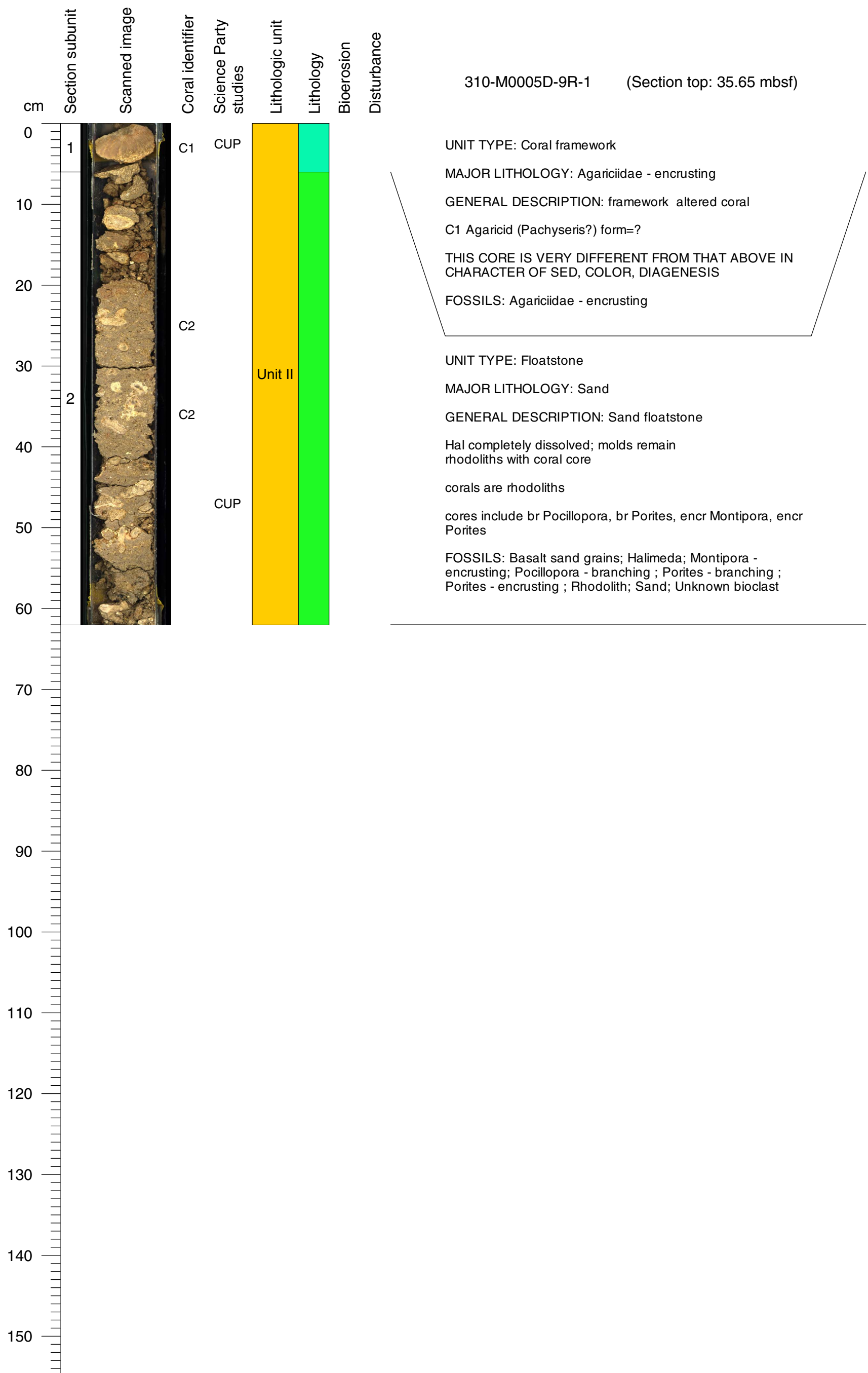
Core Photo



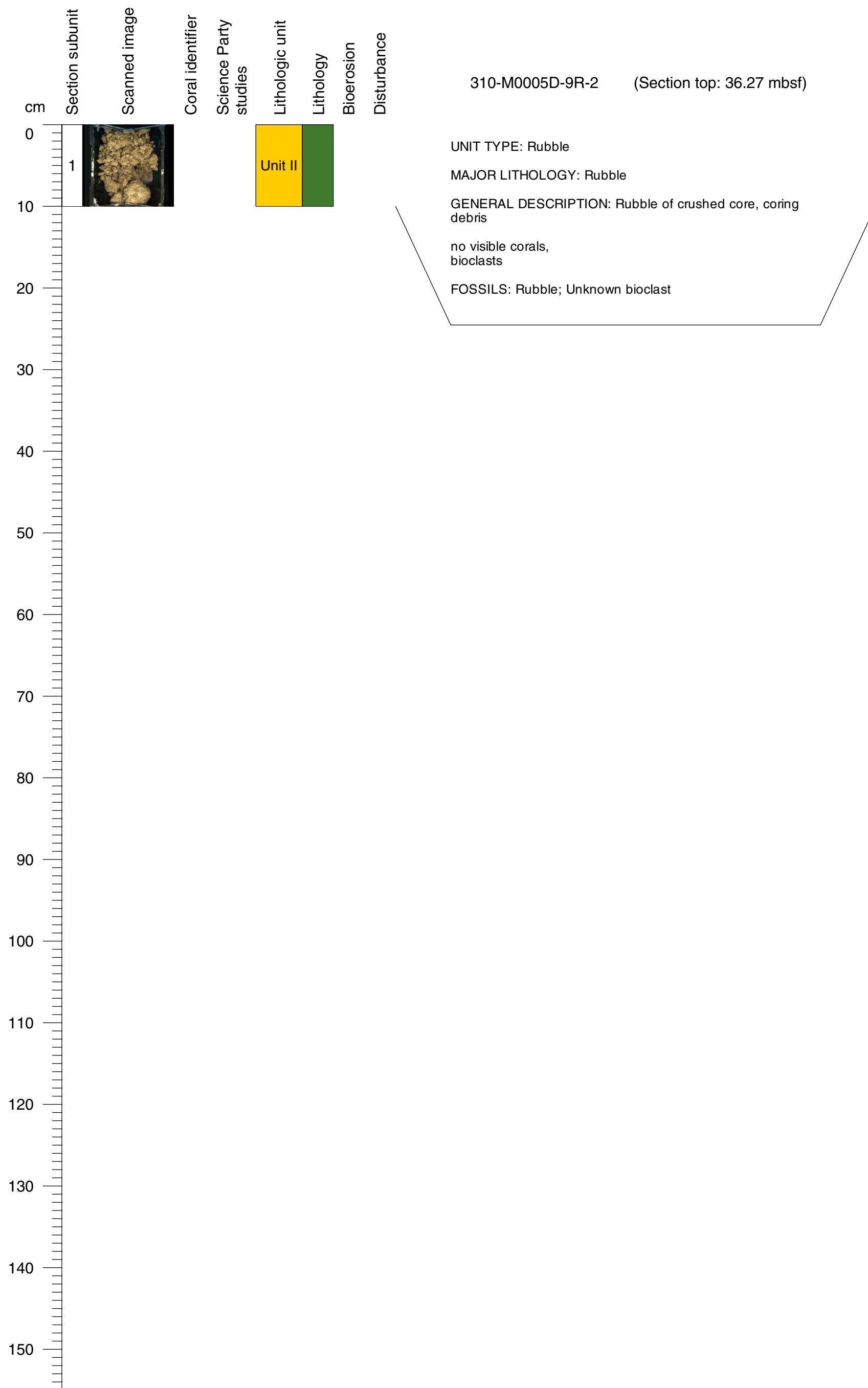
Core Photo



Core Photo

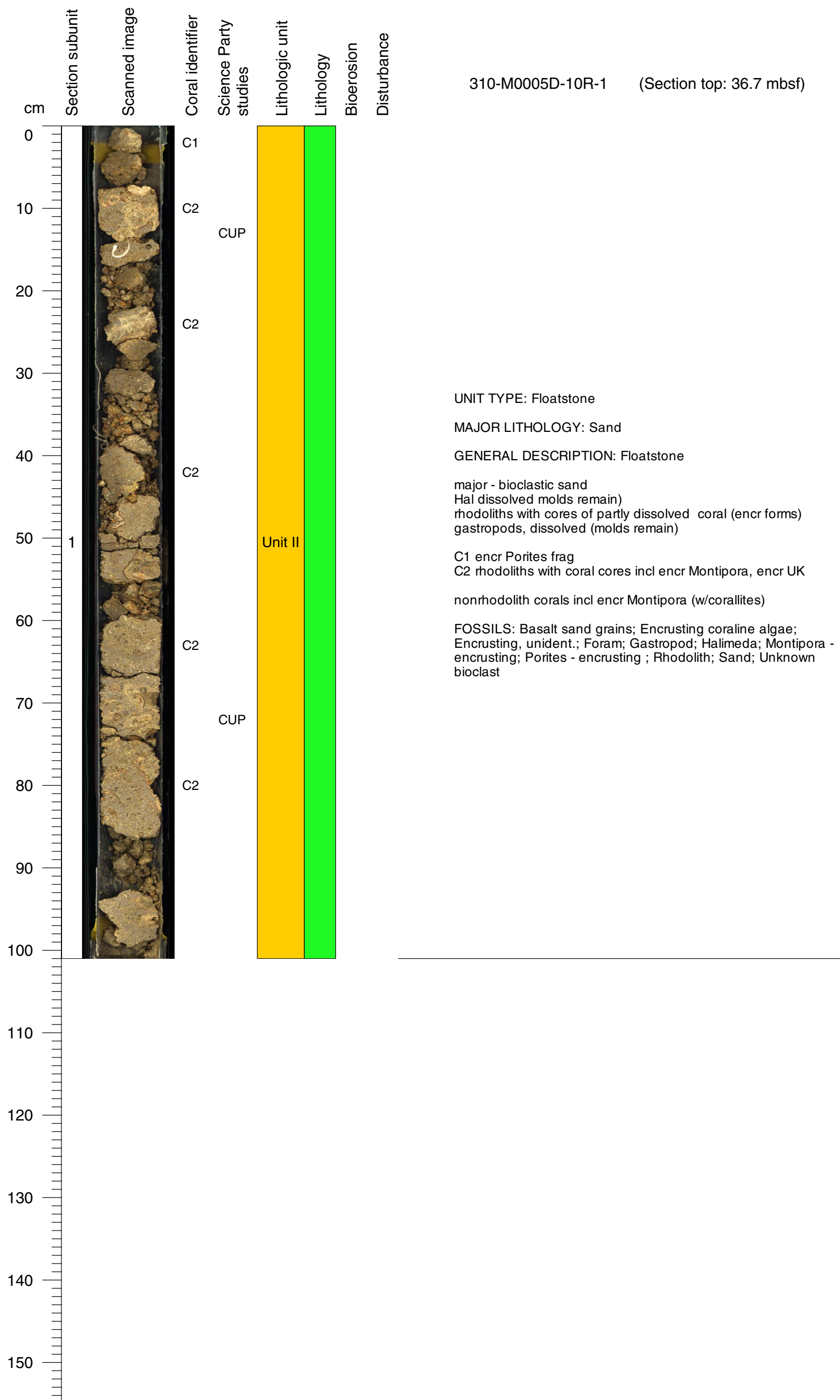


Core Photo

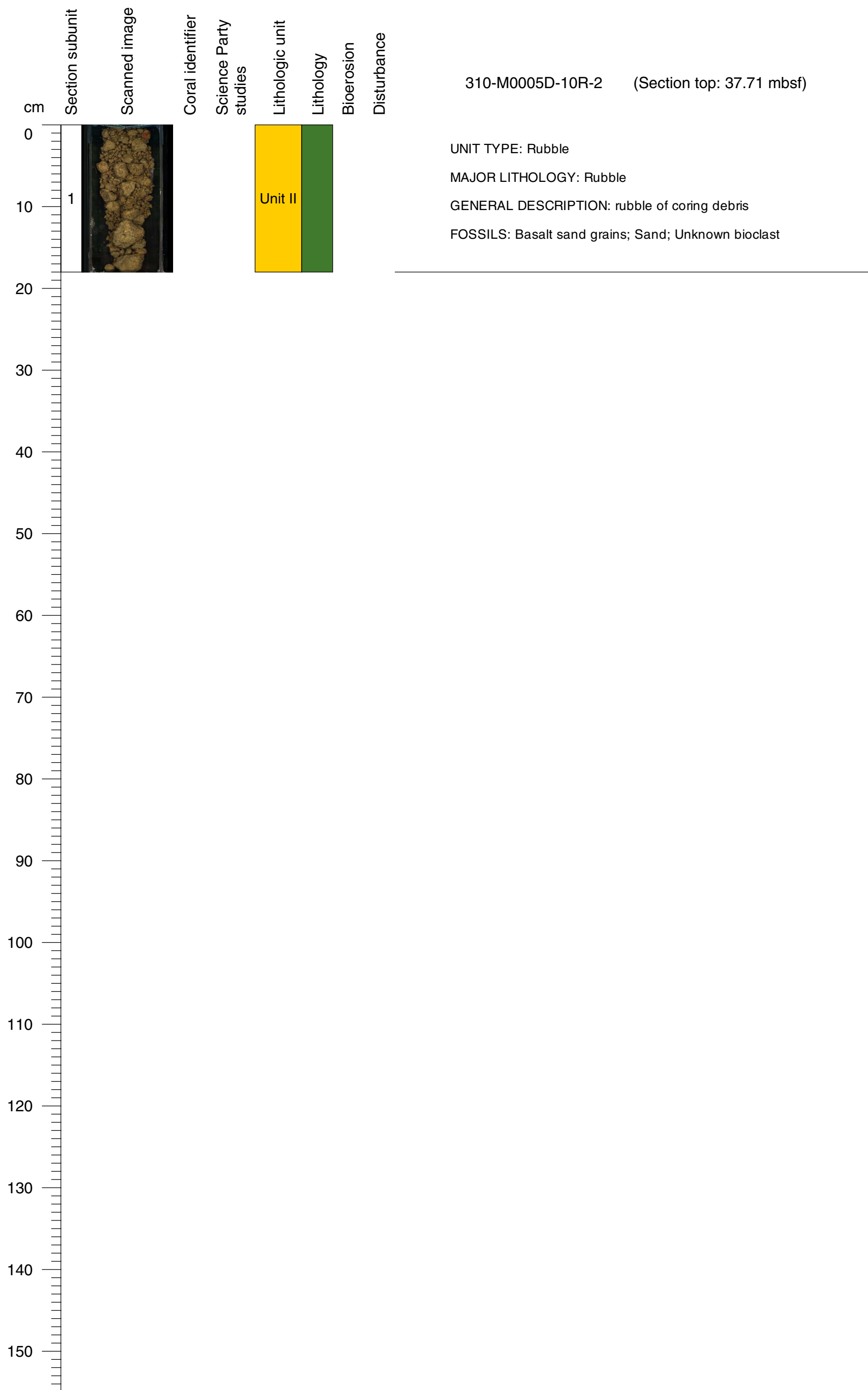


Core Photo

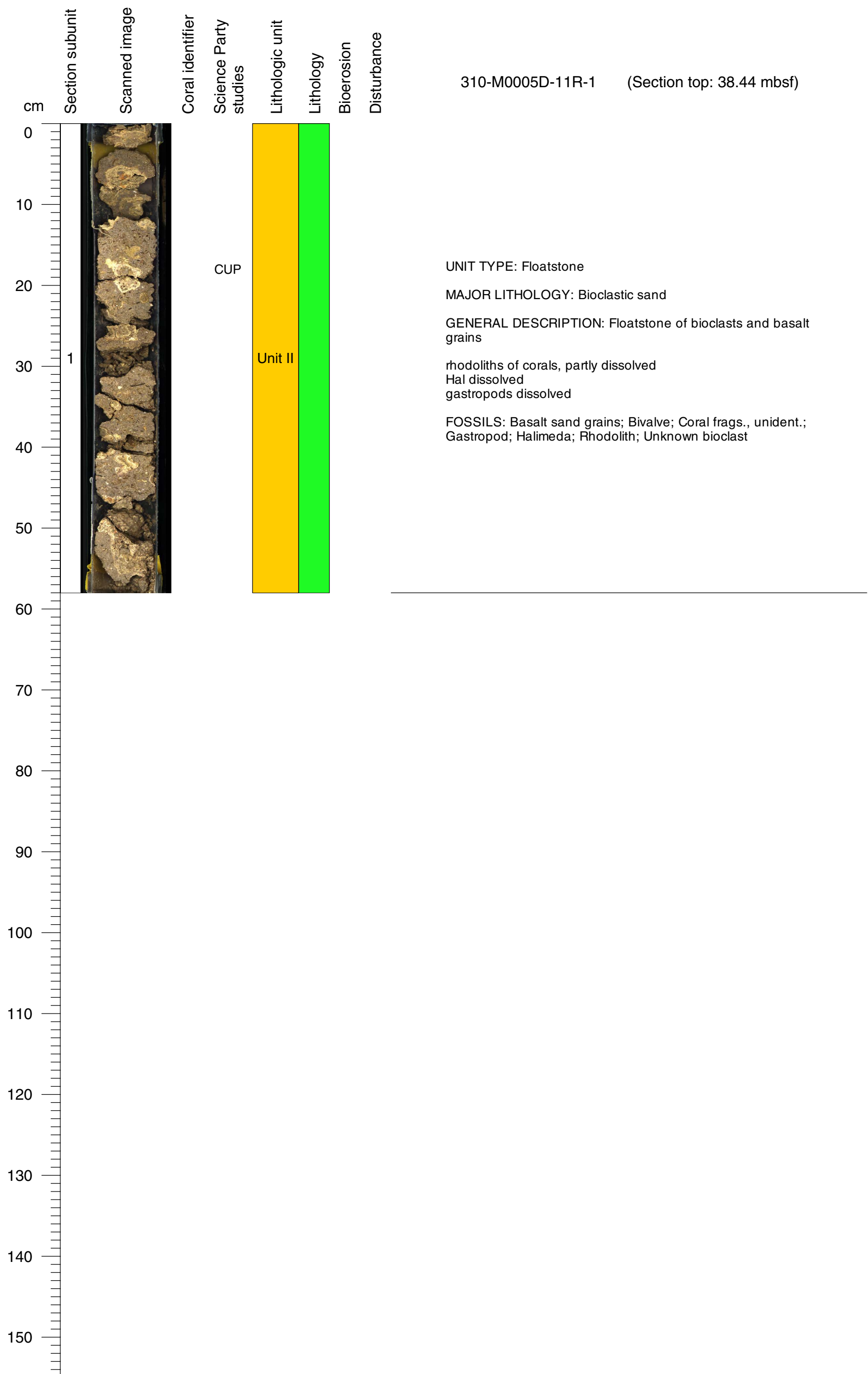
310-M0005D-10R-1 (Section top: 36.7 mbsf)



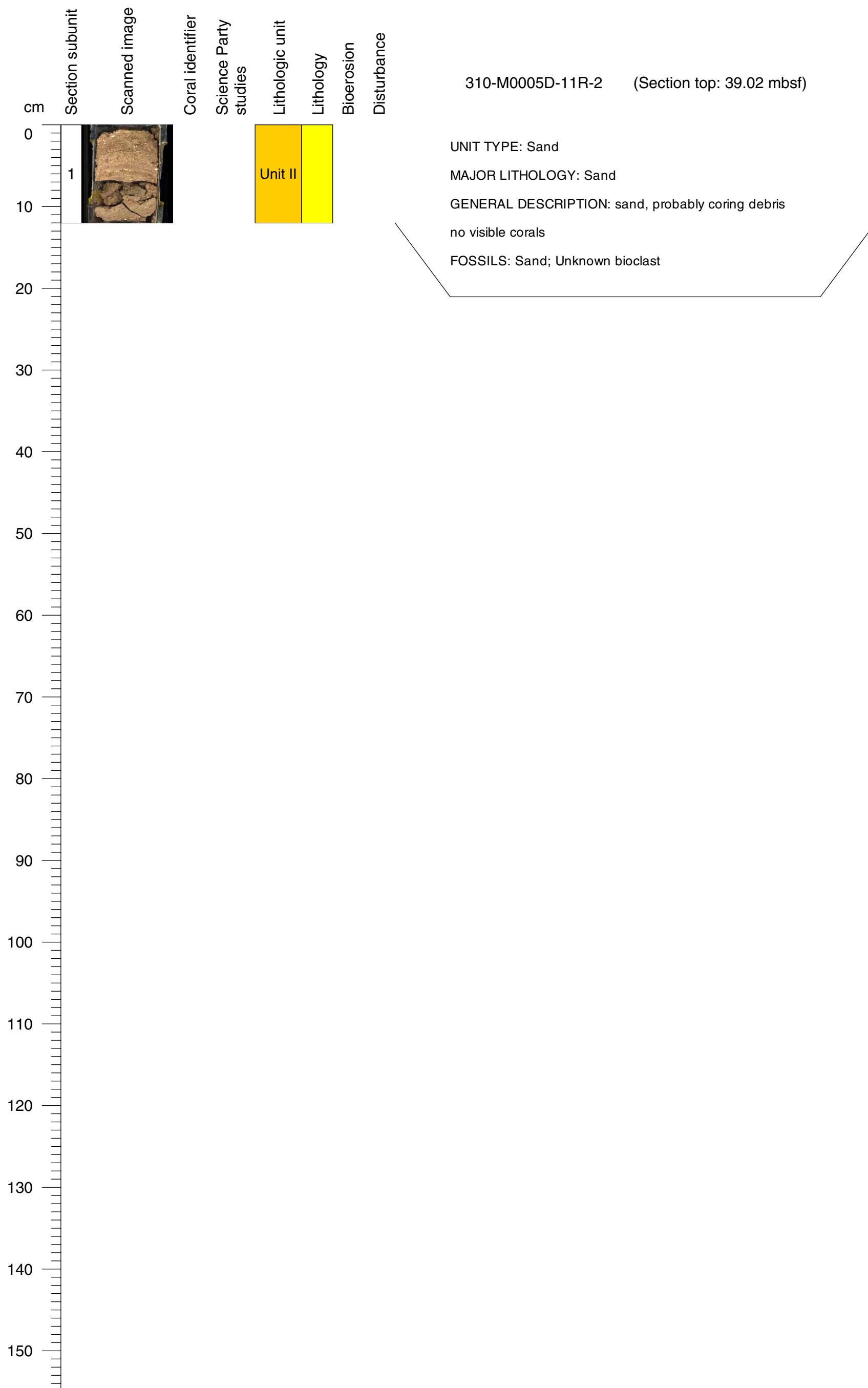
Core Photo



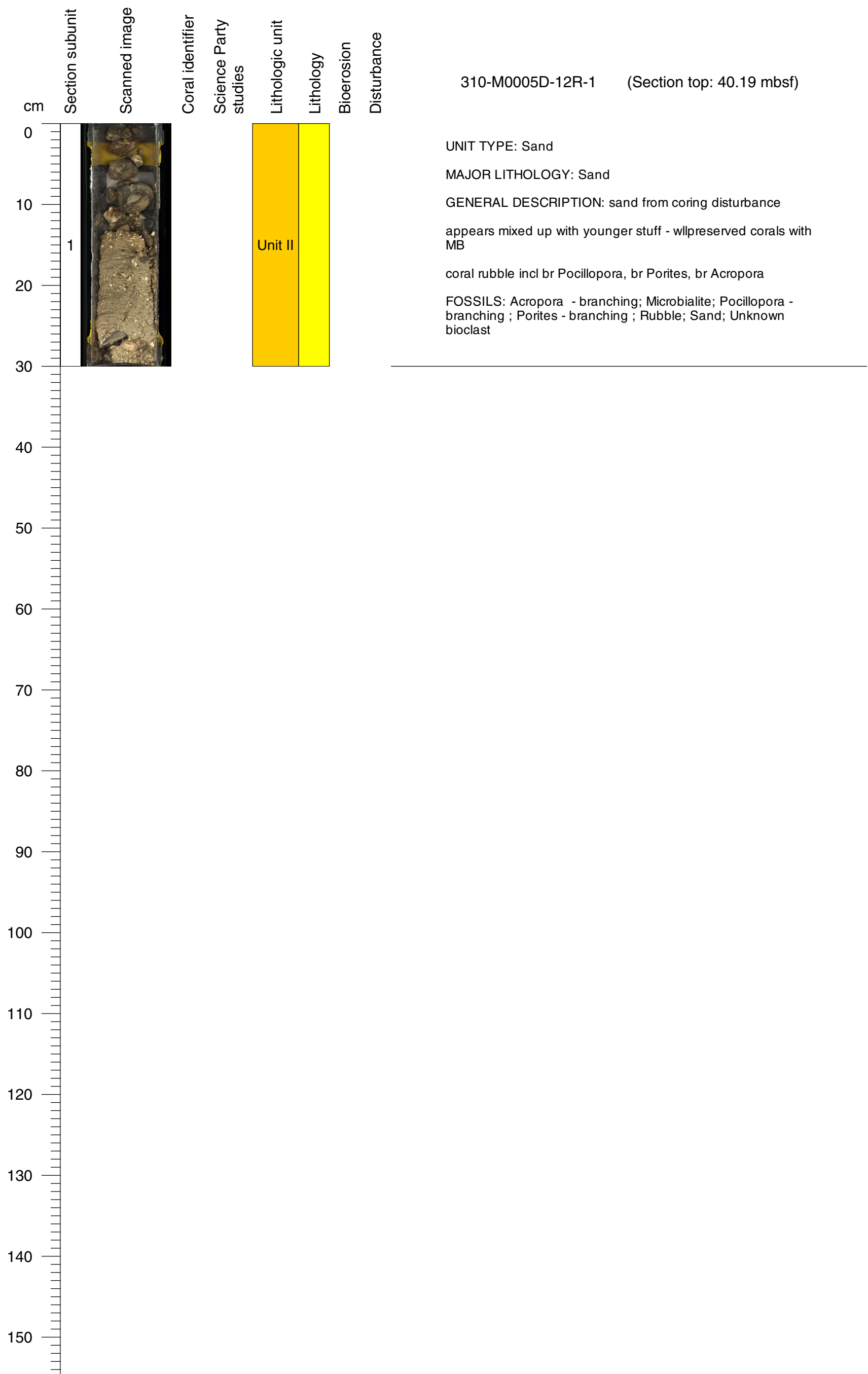
Core Photo



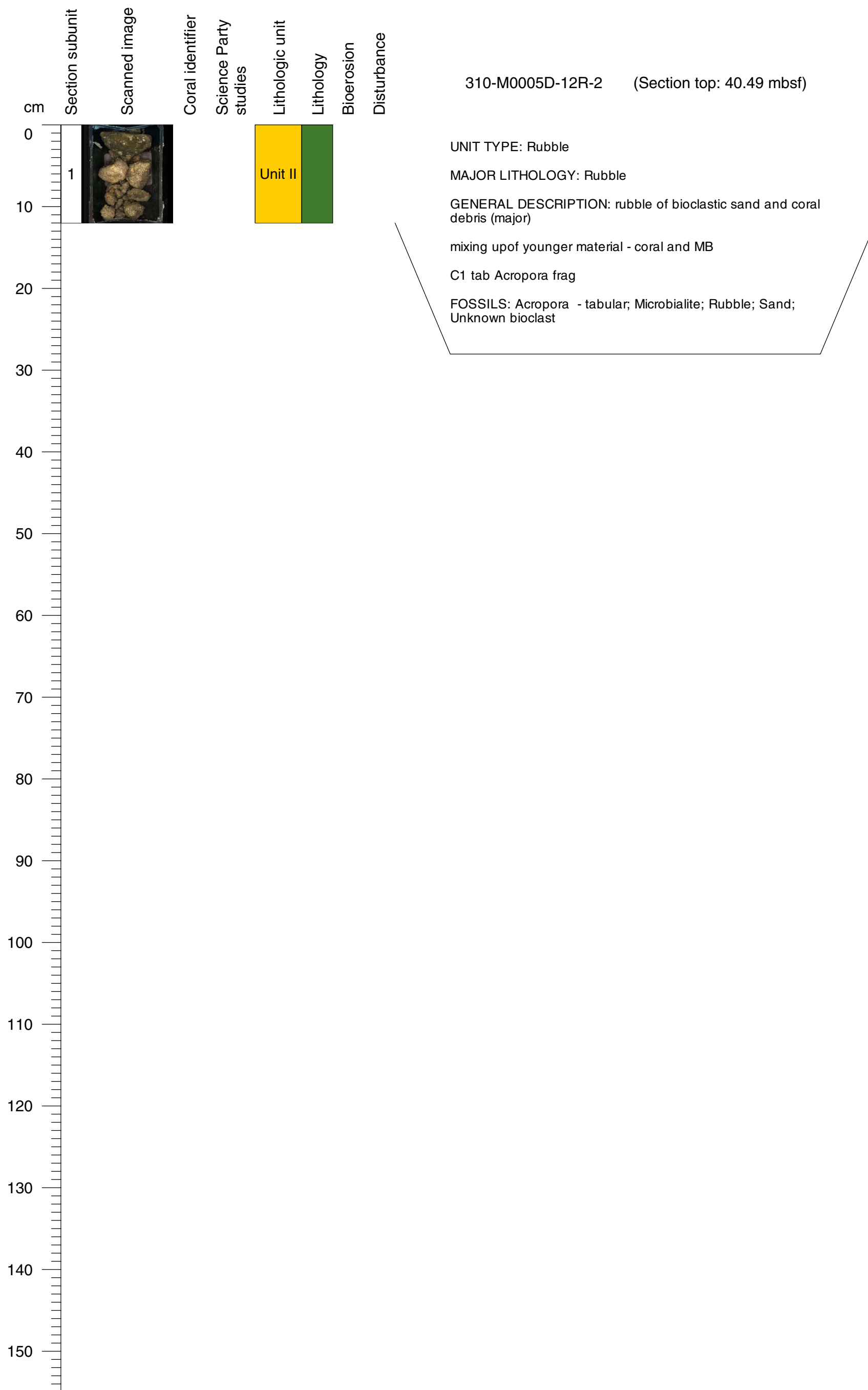
Core Photo



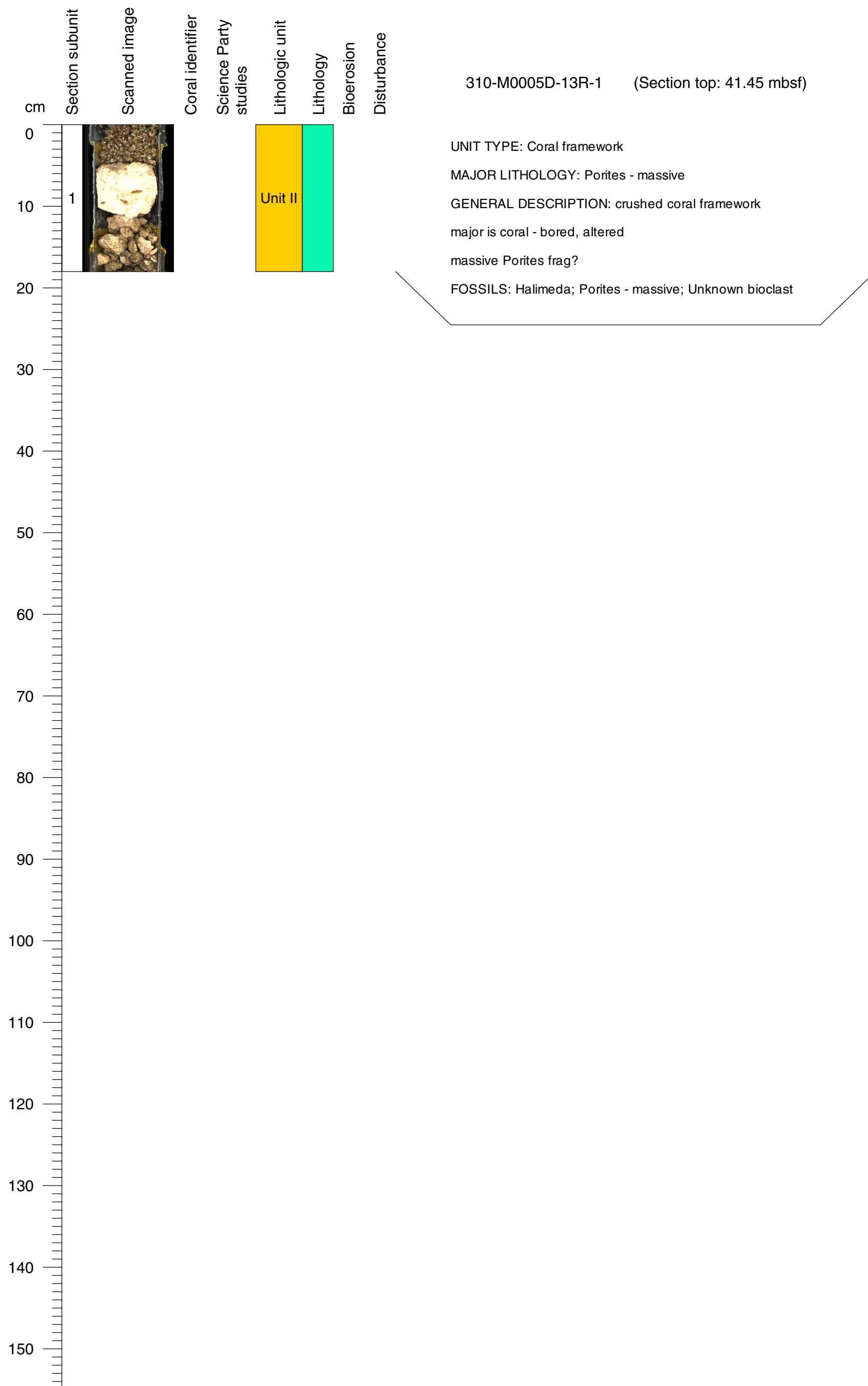
Core Photo



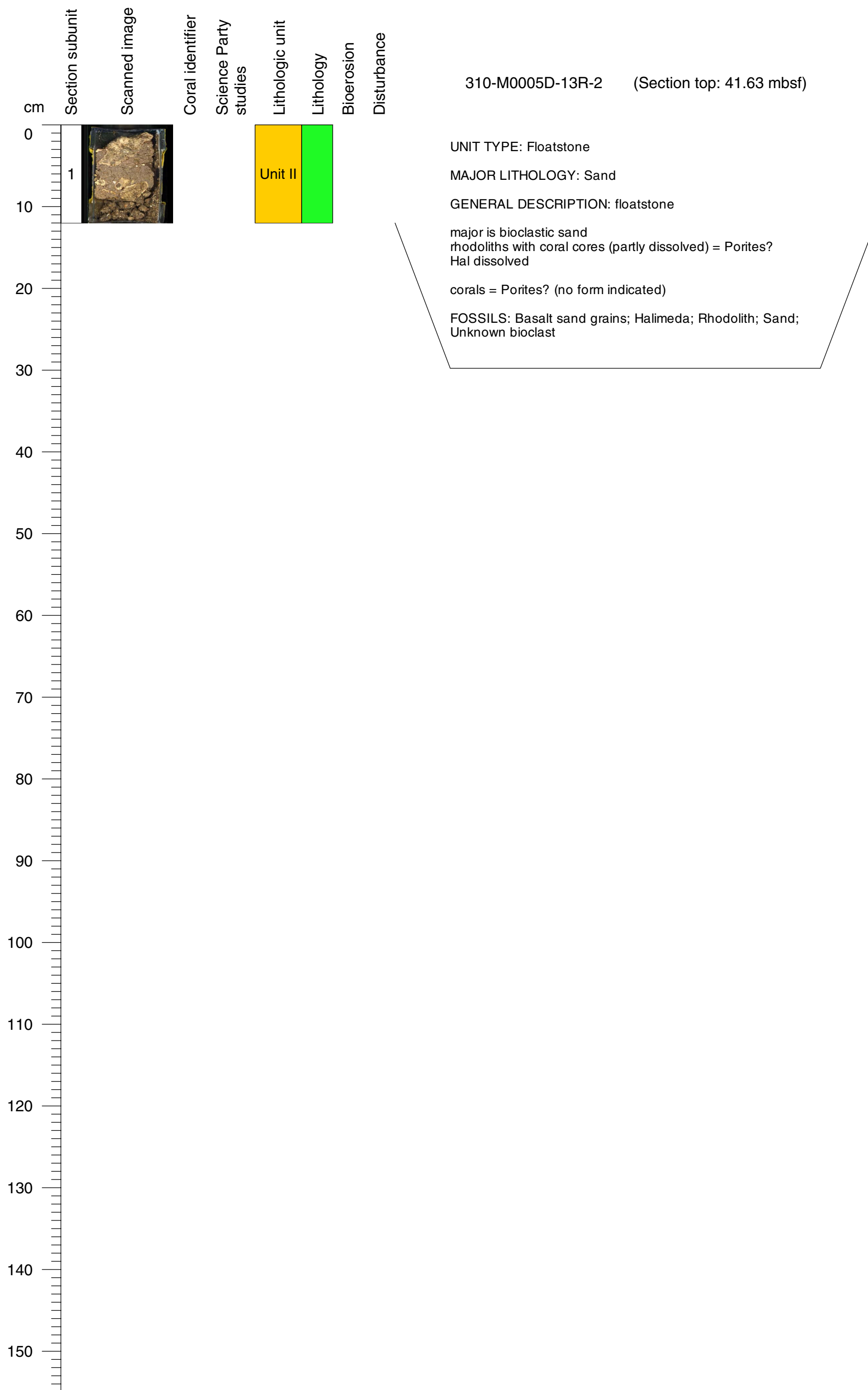
Core Photo



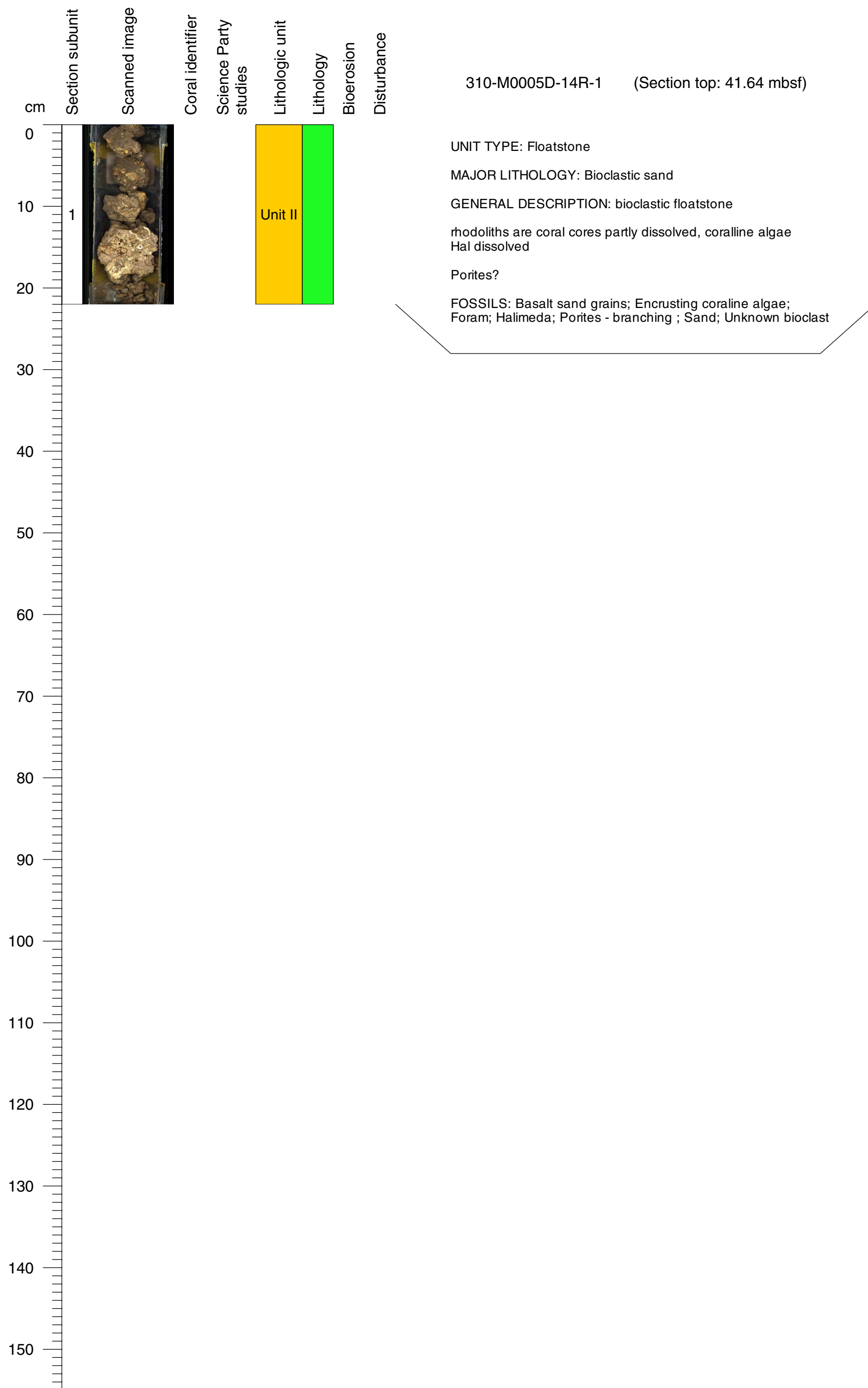
Core Photo



Core Photo

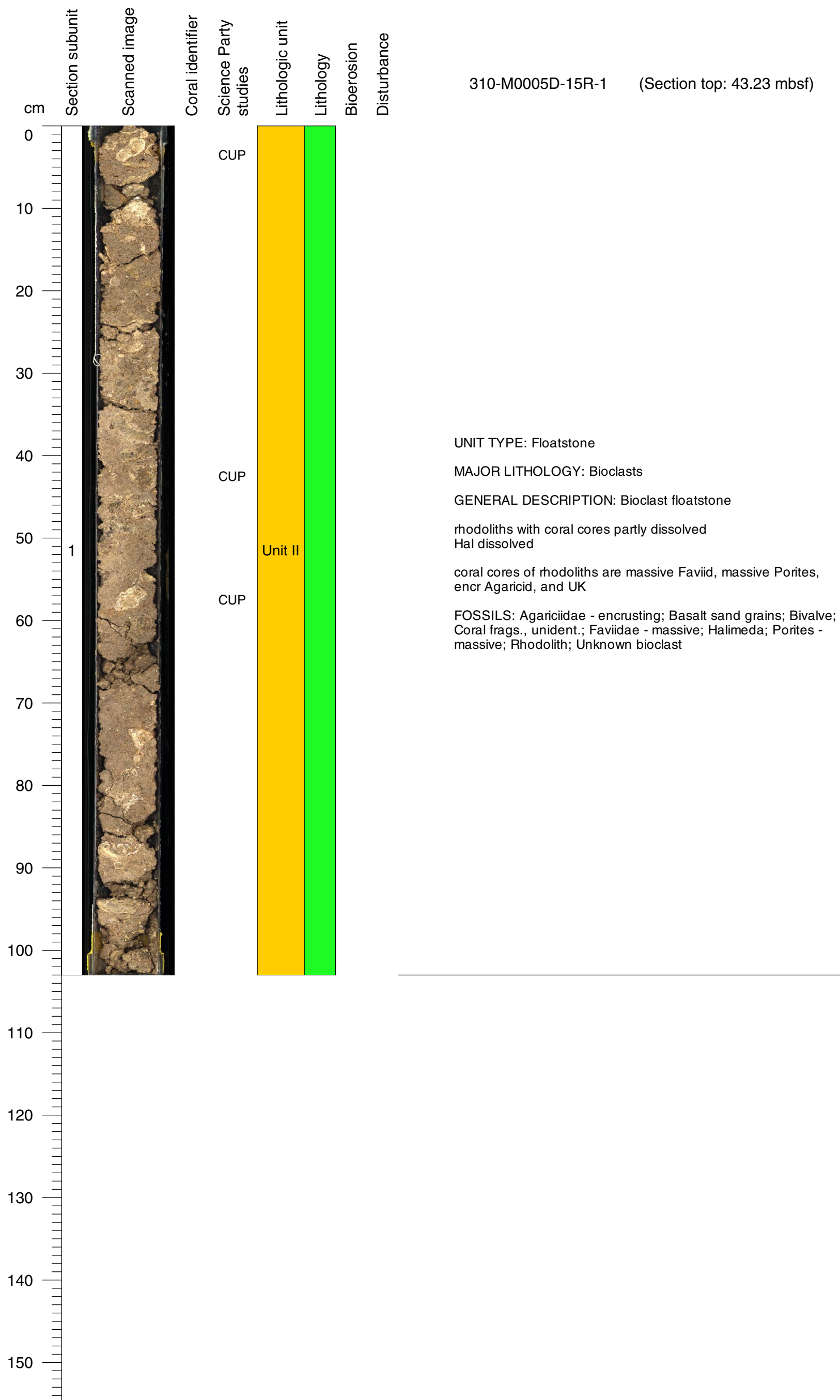


Core Photo



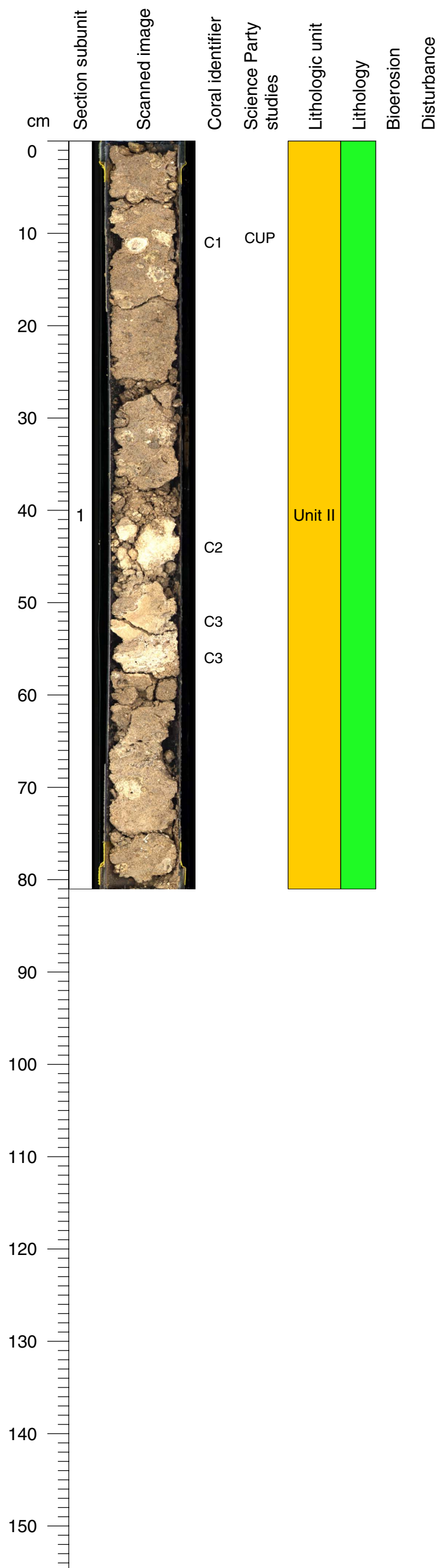
Core Photo

310-M0005D-15R-1 (Section top: 43.23 mbsf)



Core Photo

310-M0005D-15R-2 (Section top: 44.26 mbsf)



UNIT TYPE: Floatstone

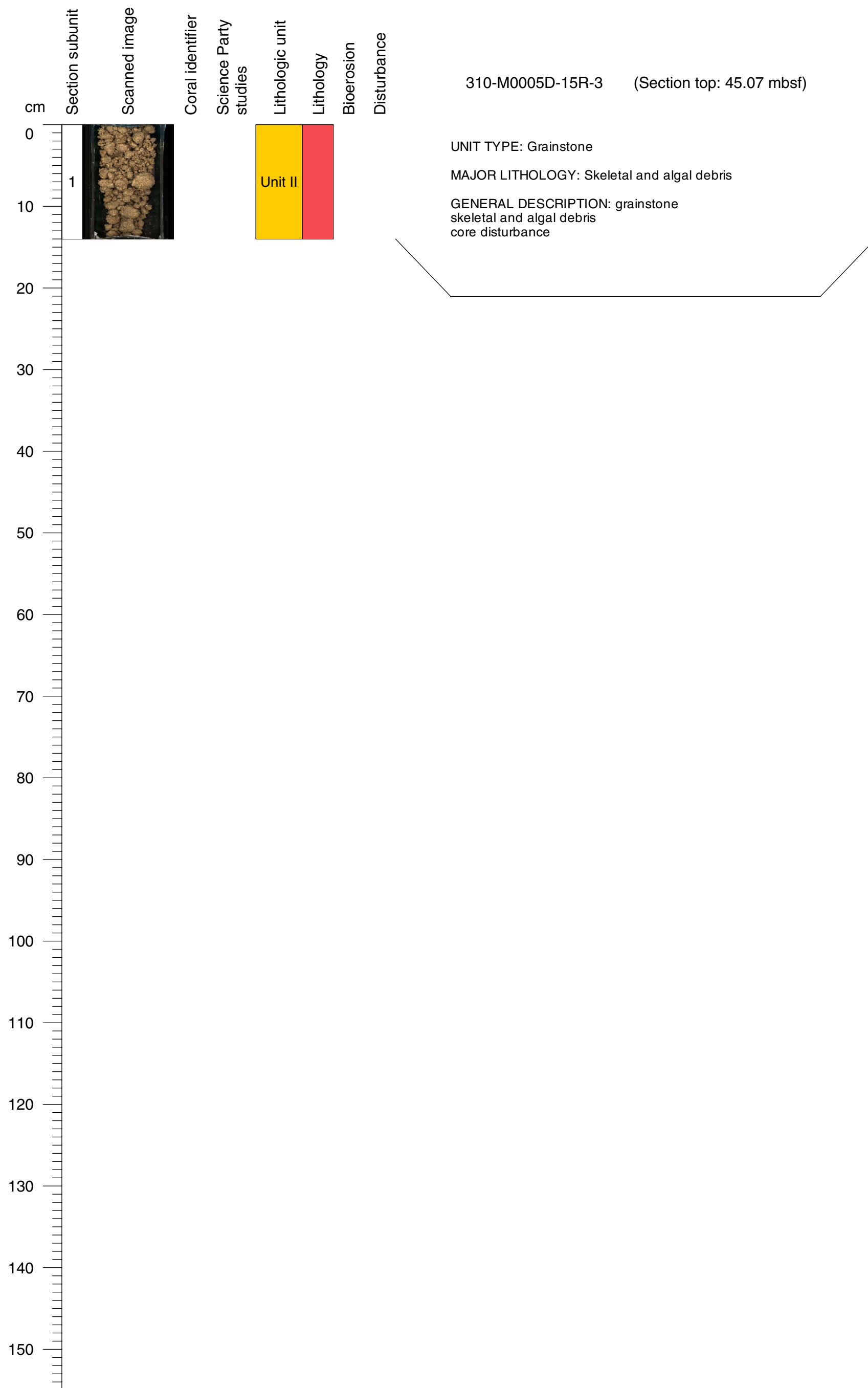
MAJOR LITHOLOGY: Acropora - tabular

GENERAL DESCRIPTION: Rhodolith and coral floatstone in a matrix of grainstone
 rhodoliths composed of a coral matrix and dissolved debris of tabular and encrusting corals
 The matrix is composed of algal and skeletal debris encrusting coralline algae
 core disturbance
 C1=br unidentified coral frags
 C2=tabular Acropora
 C3=massive Porites

FOSSILS: Acropora - tabular; Coral frags., unident.; Encrusting coralline algae; Porites - massive; Rhodolith

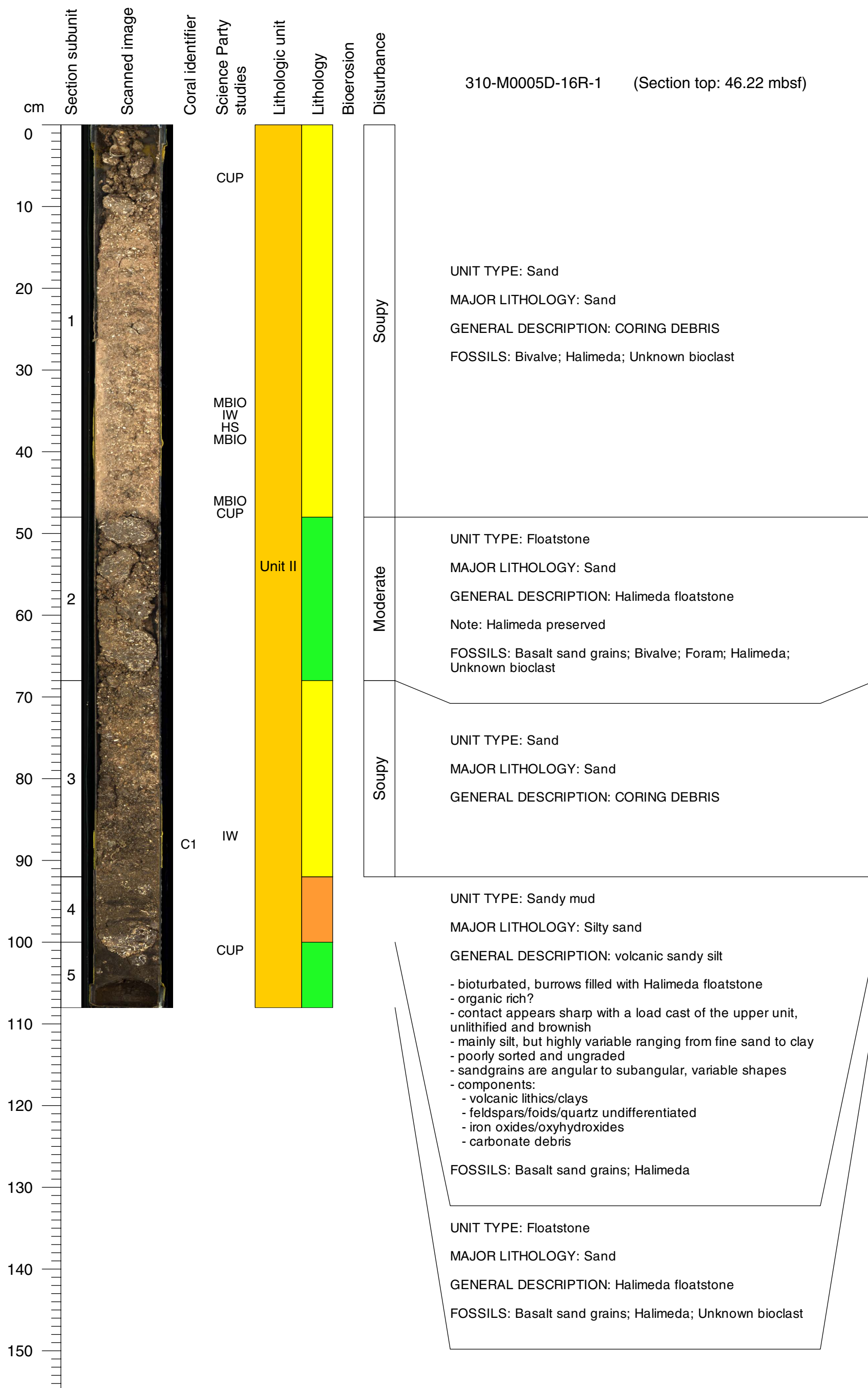


Core Photo

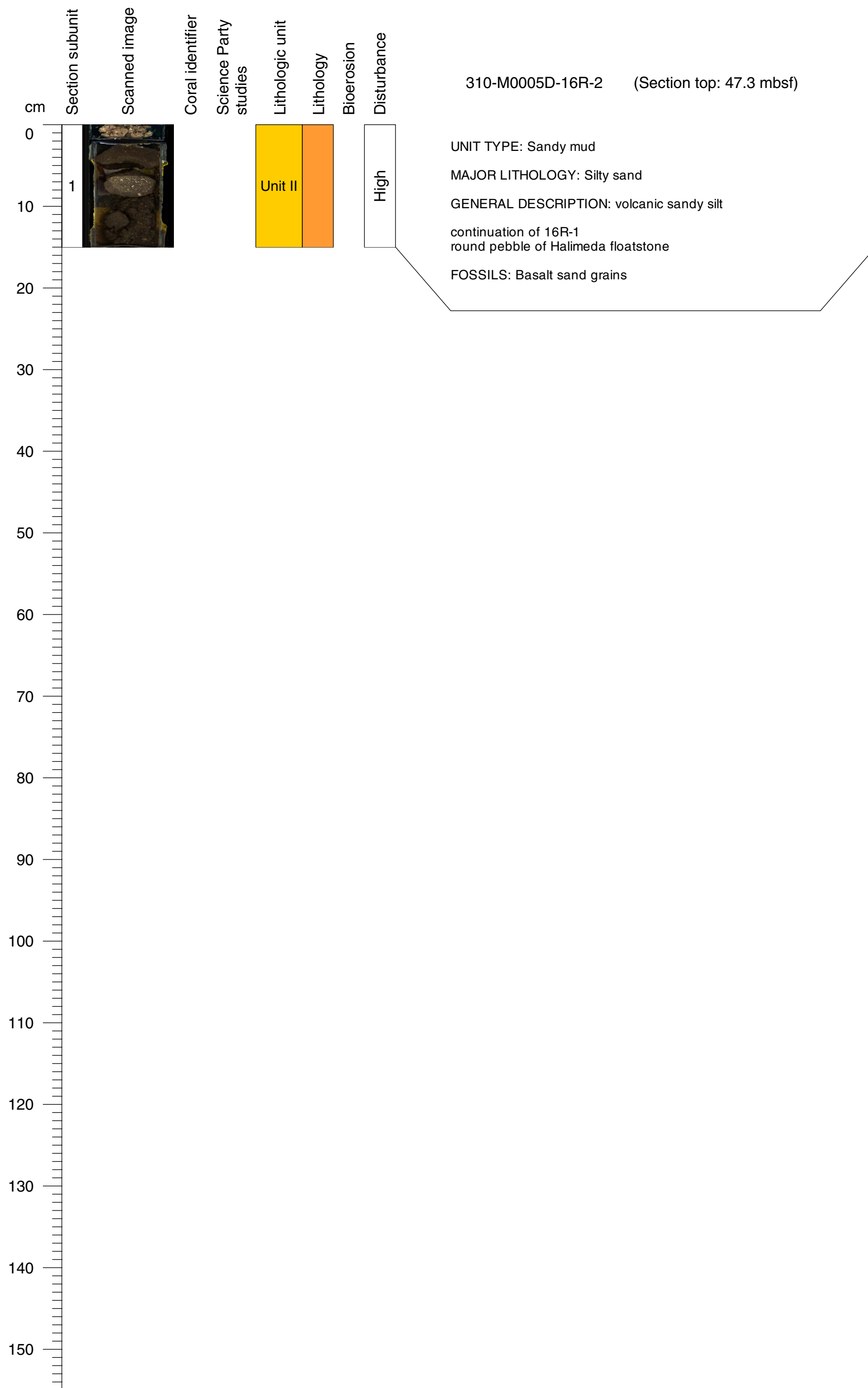


Core Photo

310-M0005D-16R-1 (Section top: 46.22 mbsf)

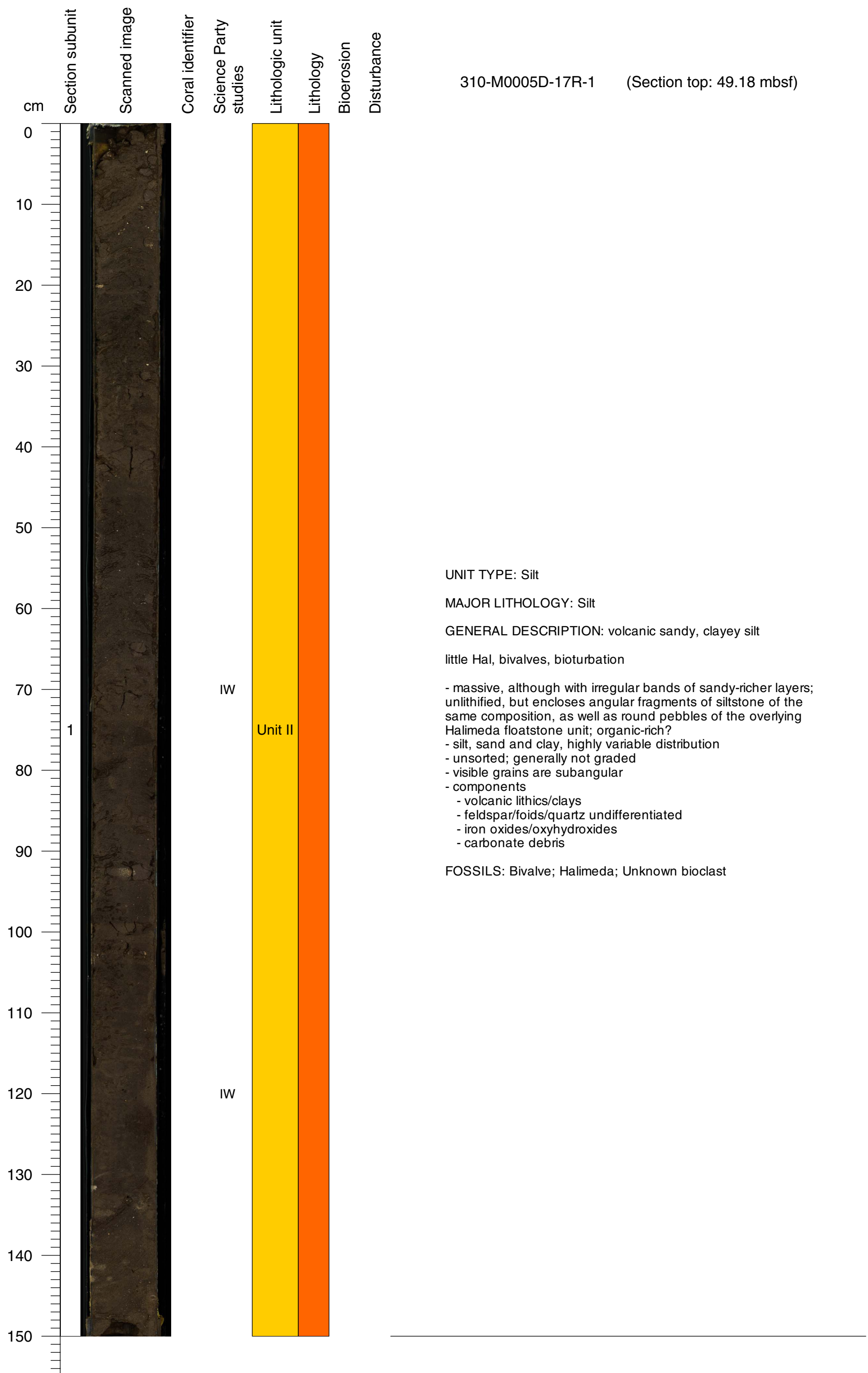


Core Photo

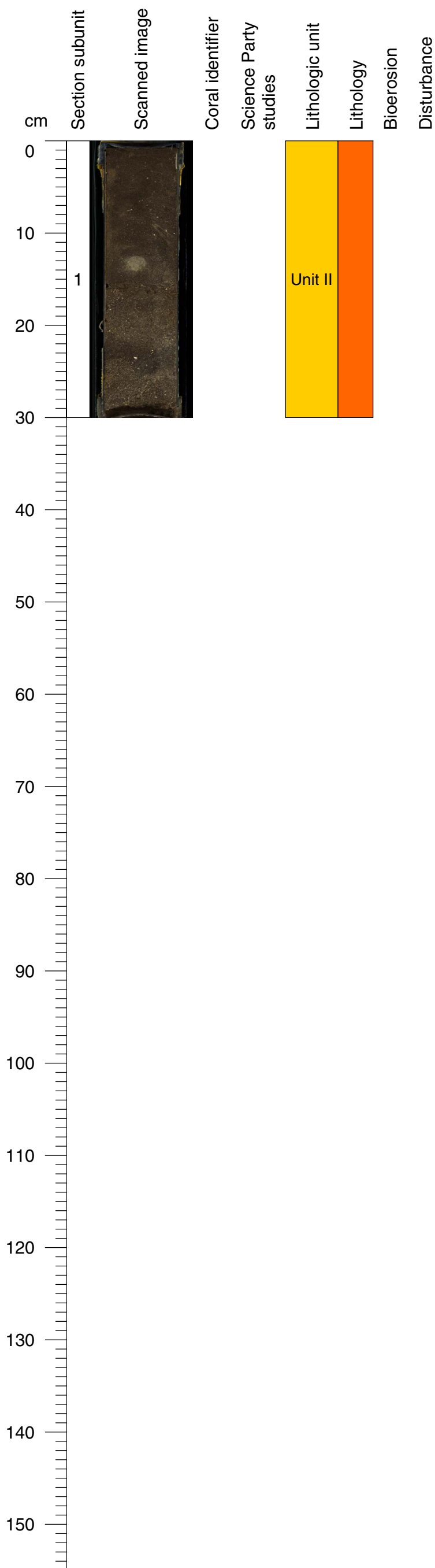


Core Photo

310-M0005D-17R-1 (Section top: 49.18 mbsf)



Core Photo



310-M0005D-17R-2 (Section top: 50.68 mbsf)

UNIT TYPE: Silt

MAJOR LITHOLOGY: Silt

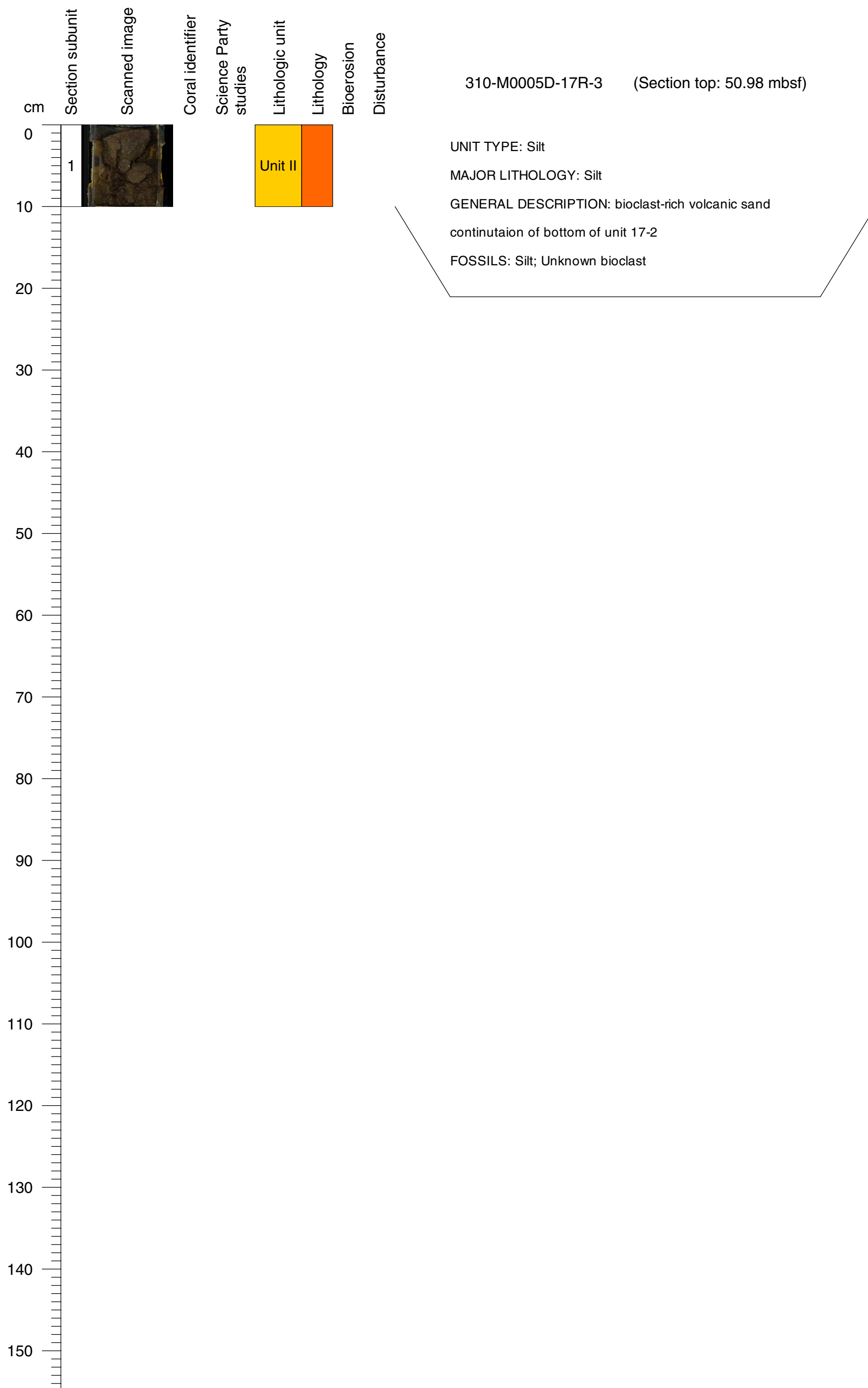
GENERAL DESCRIPTION: volcanic sandy silt

- upper part a continuation of 17R-1; unlithified and massive; gradually changing to sandy unit at the bottom
 - upper part is mainly silt with variable amounts of sand and clay; bottom part is mainly sand with variable amounts of silt and clay and carbonate granules
 - unsorted; apparently normally graded from mainly silt on top to mainly sand at bottom
 - carbonate sand and granule are angular; volcanic sand and silt are subangular
 - components:
 - volcanic lithics/clays
 - feldspars/foids/quartz undifferentiated
 - iron oxides/oxyhydrites
 - carbonate debris/fragments; bioclasts undifferentiated
- NOTE: carbonate debris increases towards bottom

FOSSILS: Basalt sand grains; Silt; Unknown bioclast

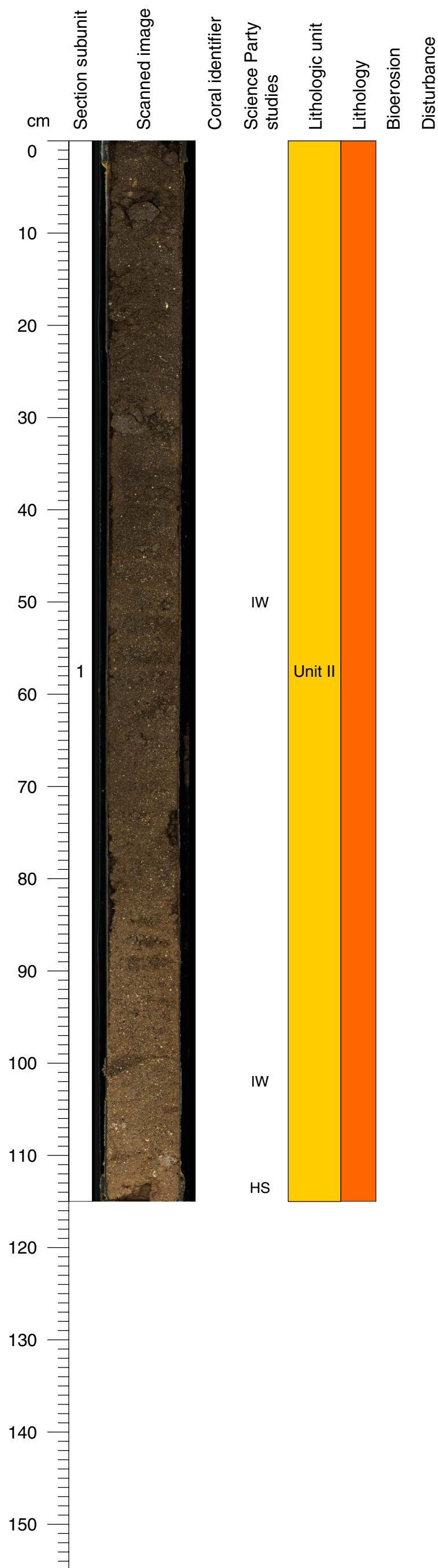


Core Photo



Core Photo

310-M0005D-18R-1 (Section top: 52.22 mbsf)



UNIT TYPE: Silt

MAJOR LITHOLOGY: Silt

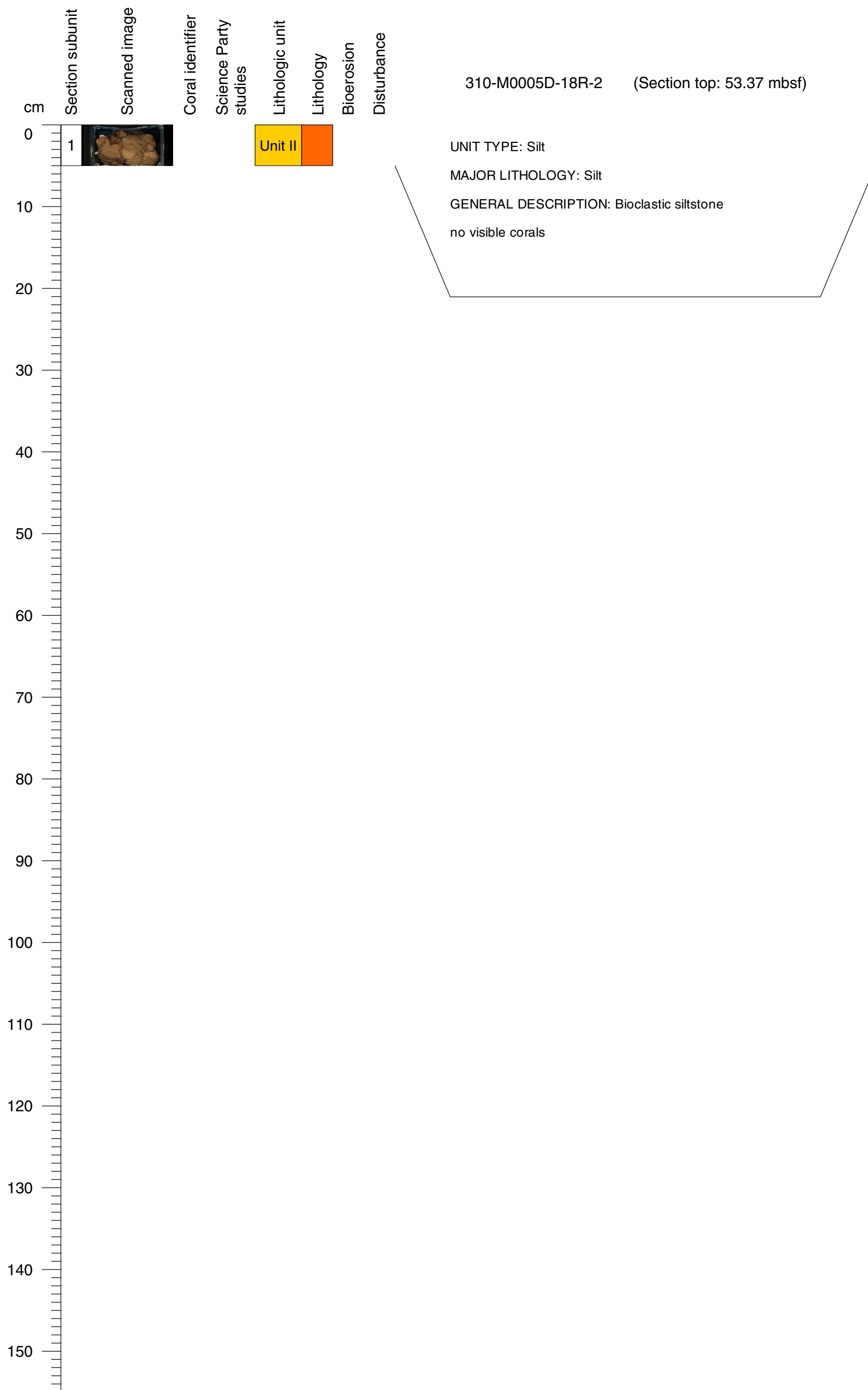
GENERAL DESCRIPTION: bioclast-rich volcanic sand on top grading to volcanic sand-rich carbonate sand at bottom

- massive but with apparent, weak layers; major components changing from top to bottom
- mainly sand with silt, clay and carbonate granule
- unsorted and not graded
- sand/silt fragments are subangular; carbonate granules are angular
- components:
 - volcanic lithics/clays
 - feldspars/foids/quartz undifferentiated
 - iron oxides/oxyhydroxides
 - carbonate debris (forams - Heterostegina?)

FOSSILS: Basalt sand grains; Bivalve; Echinoderm; Foram; Unknown bioclast

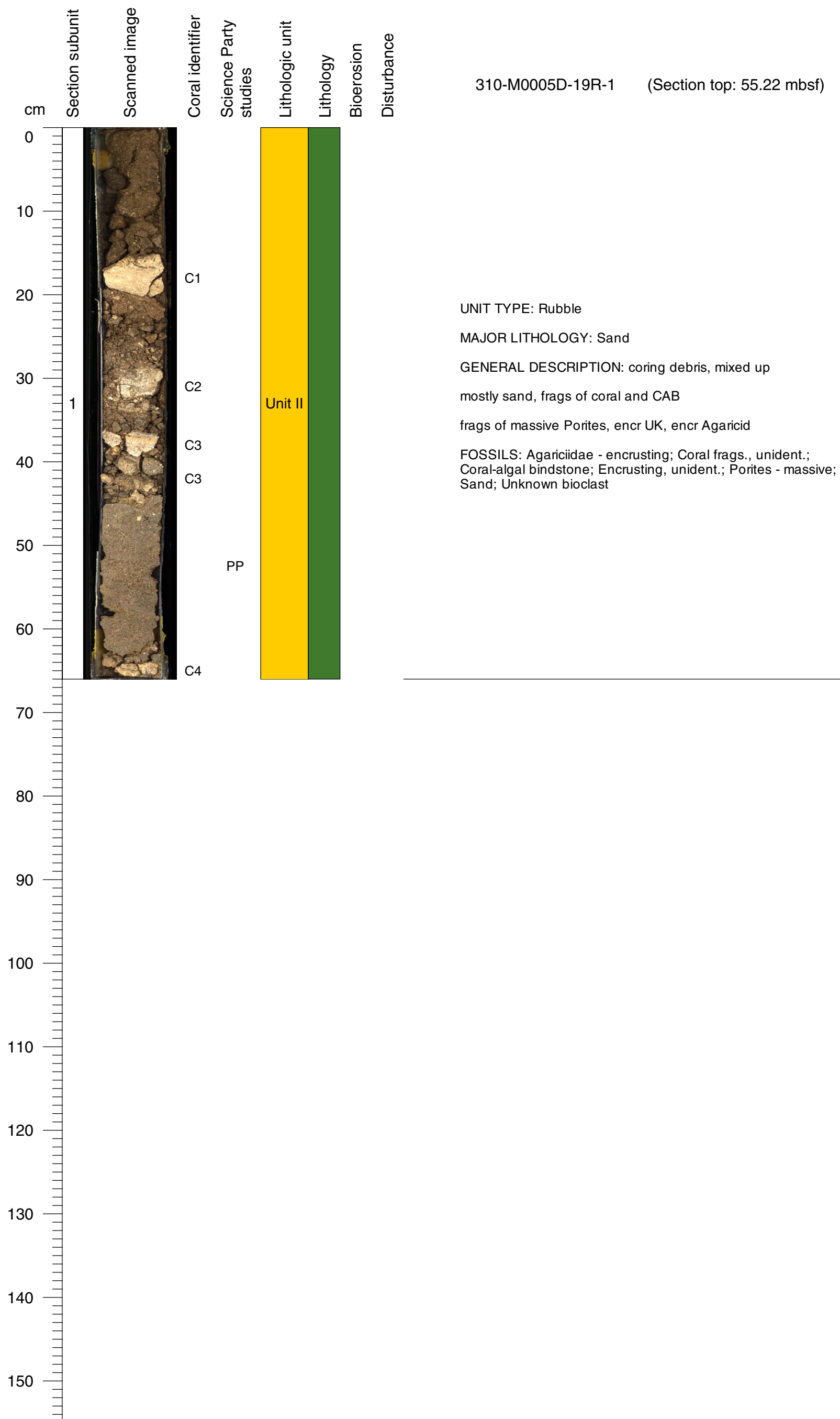


Core Photo

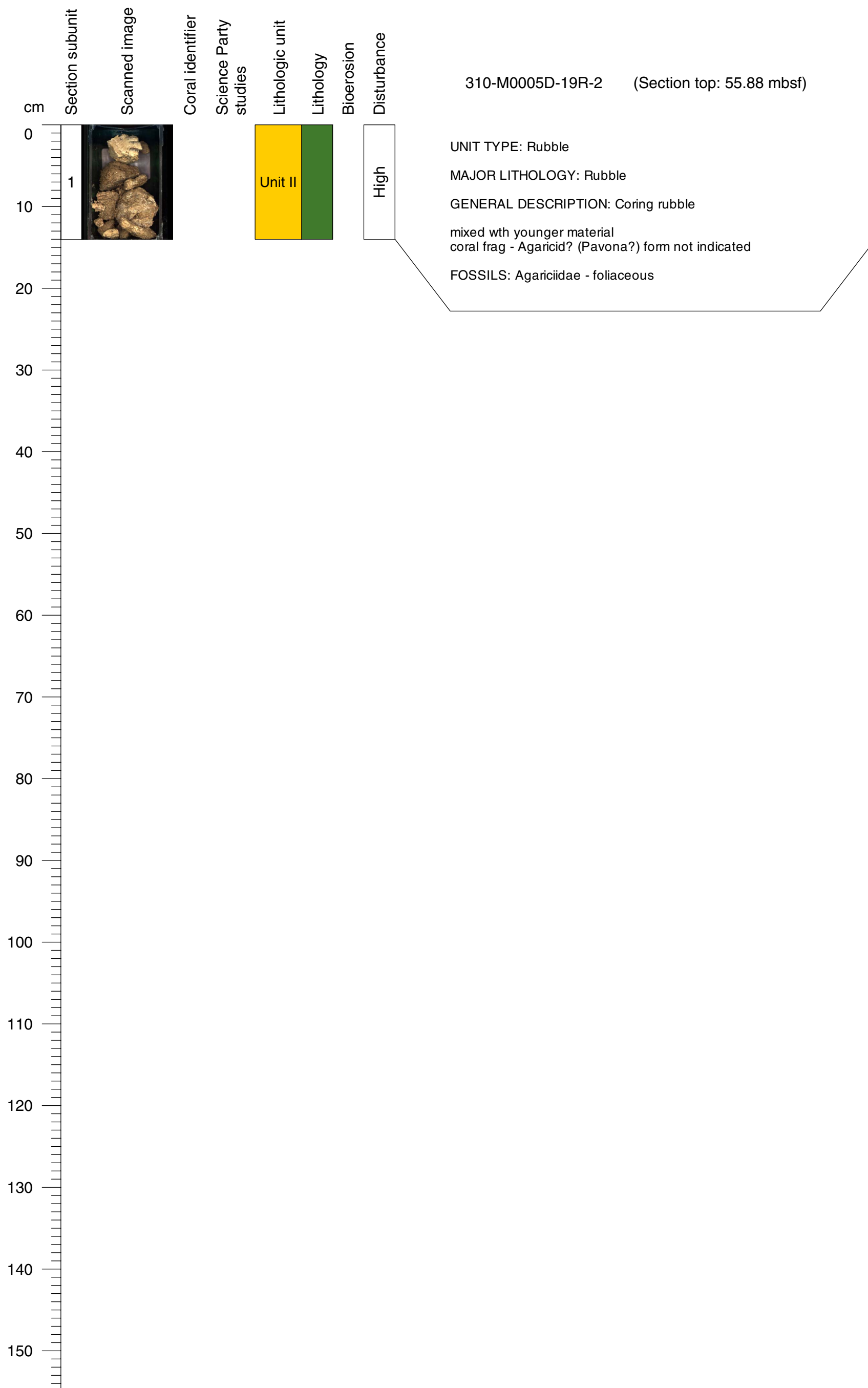


Core Photo

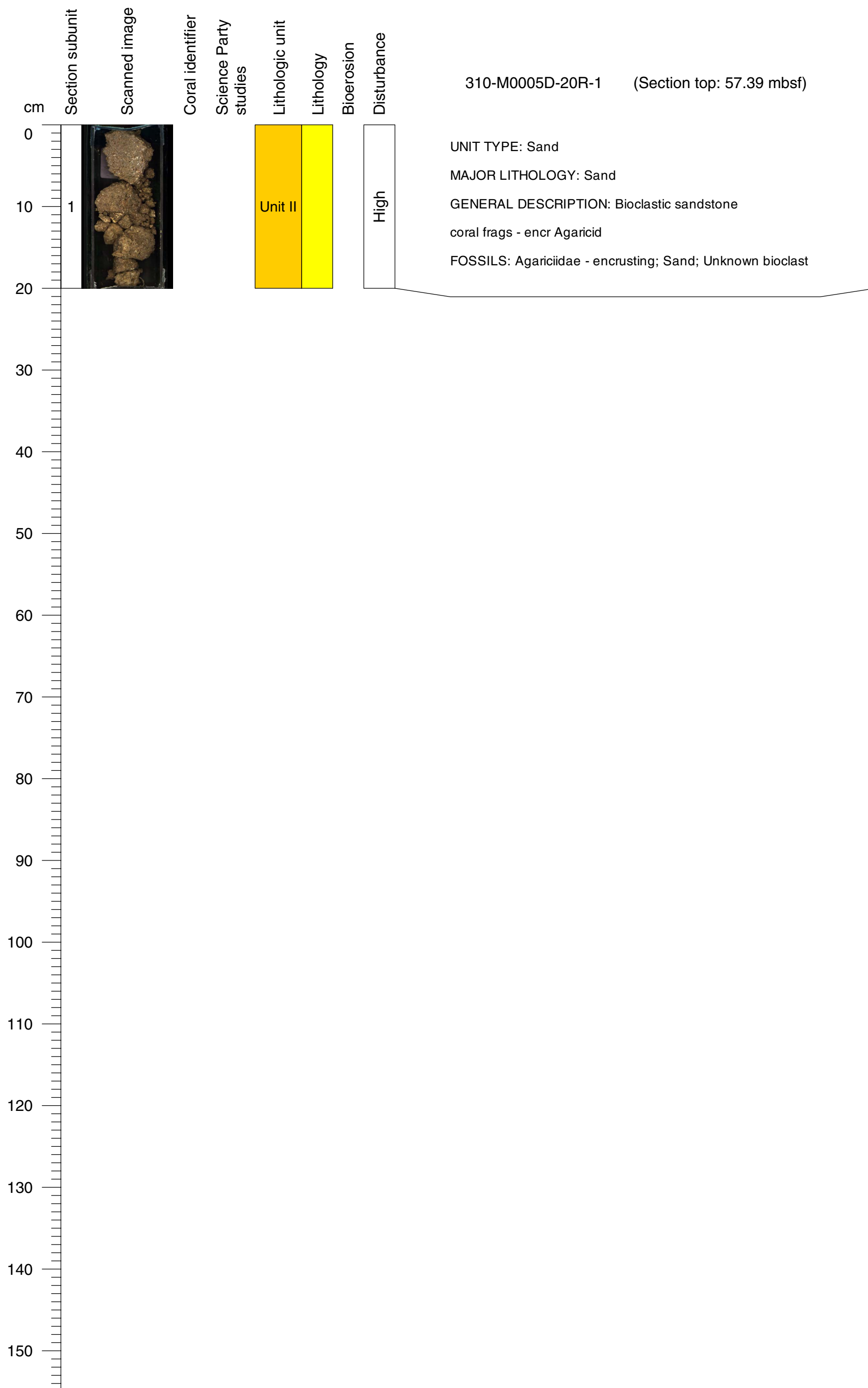
310-M0005D-19R-1 (Section top: 55.22 mbsf)



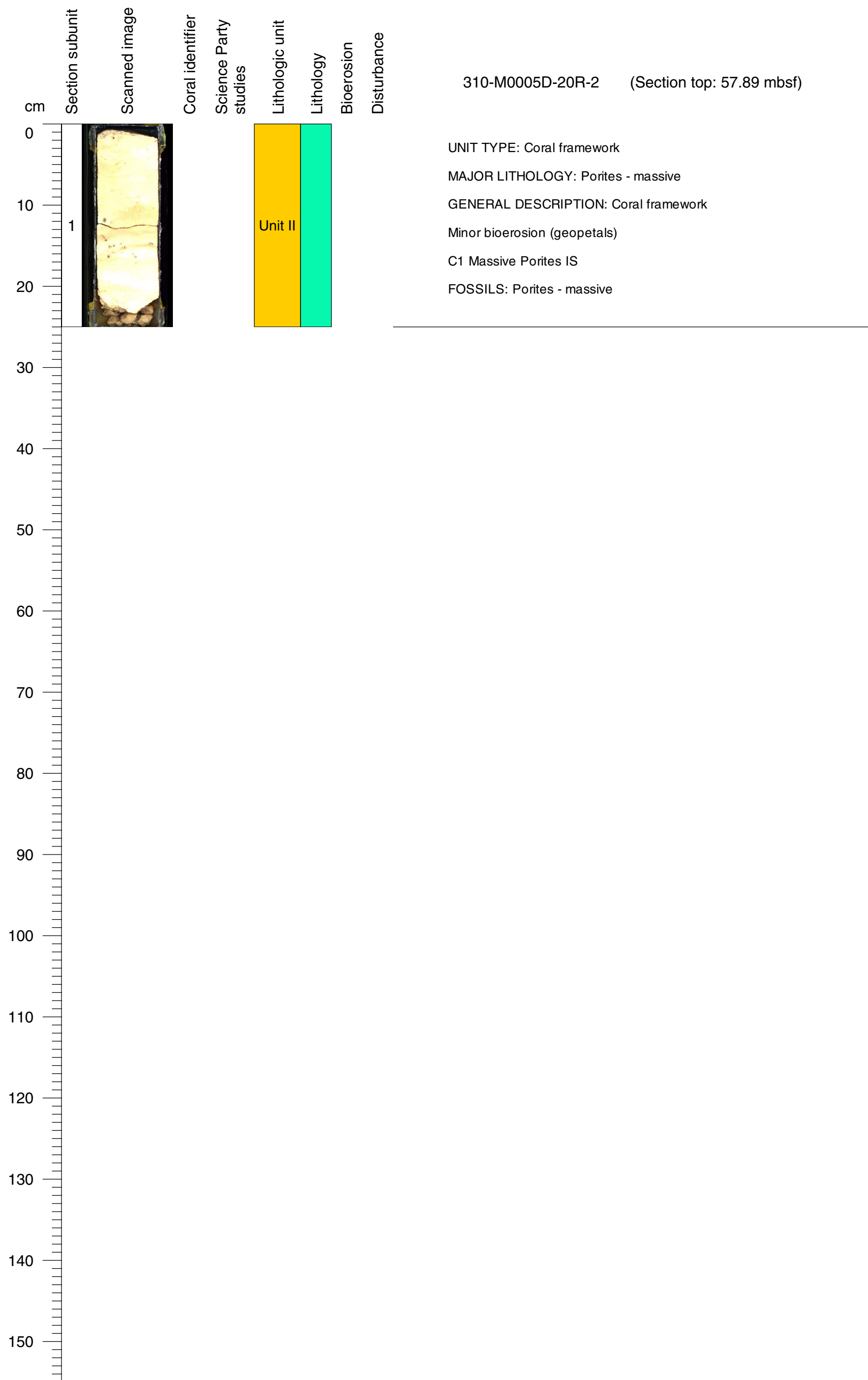
Core Photo



Core Photo




Core Photo



Core Photo

310-M0005D-20R-3 (Section top: 58.09 mbsf)

cm	Section subunit	Scanned image	Coral identifier	Science Party studies	Lithologic unit	Lithology	Bioerosion	Disturbance
0			C1		Unit II			
			C2					
			C3					
10			C4					
			C5					
20								
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

UNIT TYPE: Bindstone

MAJOR LITHOLOGY: Coral-algal bindstone

GENERAL DESCRIPTION: coral-algal bindstone
NOTE PIECE SEEMS UPSIDE-DOWN, JUDGING FROM GEOPETALS

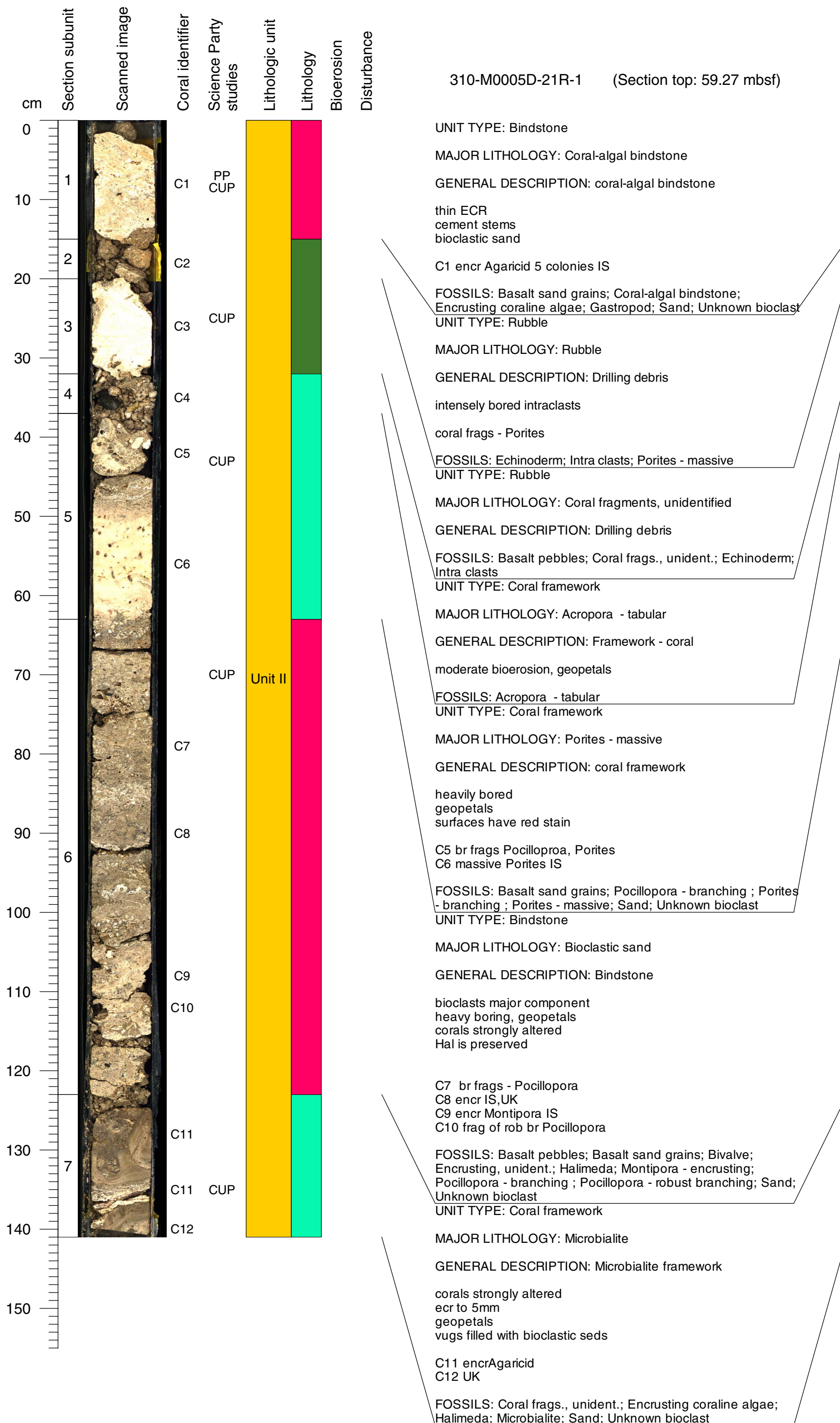
thin ecr
diagenetically altered corals
moderate bioerosion
geopetals

C1 encr agaricid IS
C2 encr Porites
C3 rob br Pocillopora
C4 encr Porites
C5 encr Agaricid IS

FOSSILS: Agariciidae - encrusting; Basalt sand grains;
Coral-algal bindstone; Encrusting coraline algae; Pocillopora - robust branching

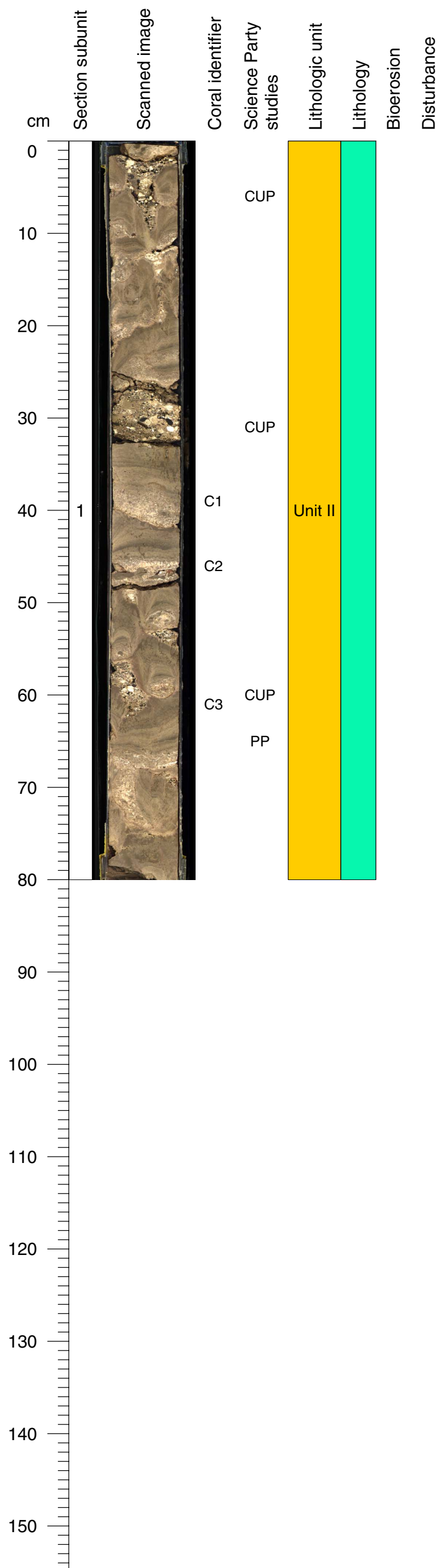
Core Photo

310-M0005D-21R-1 (Section top: 59.27 mbsf)



Core Photo

310-M0005D-21R-2 (Section top: 60.68 mbsf)



UNIT TYPE: Coral framework

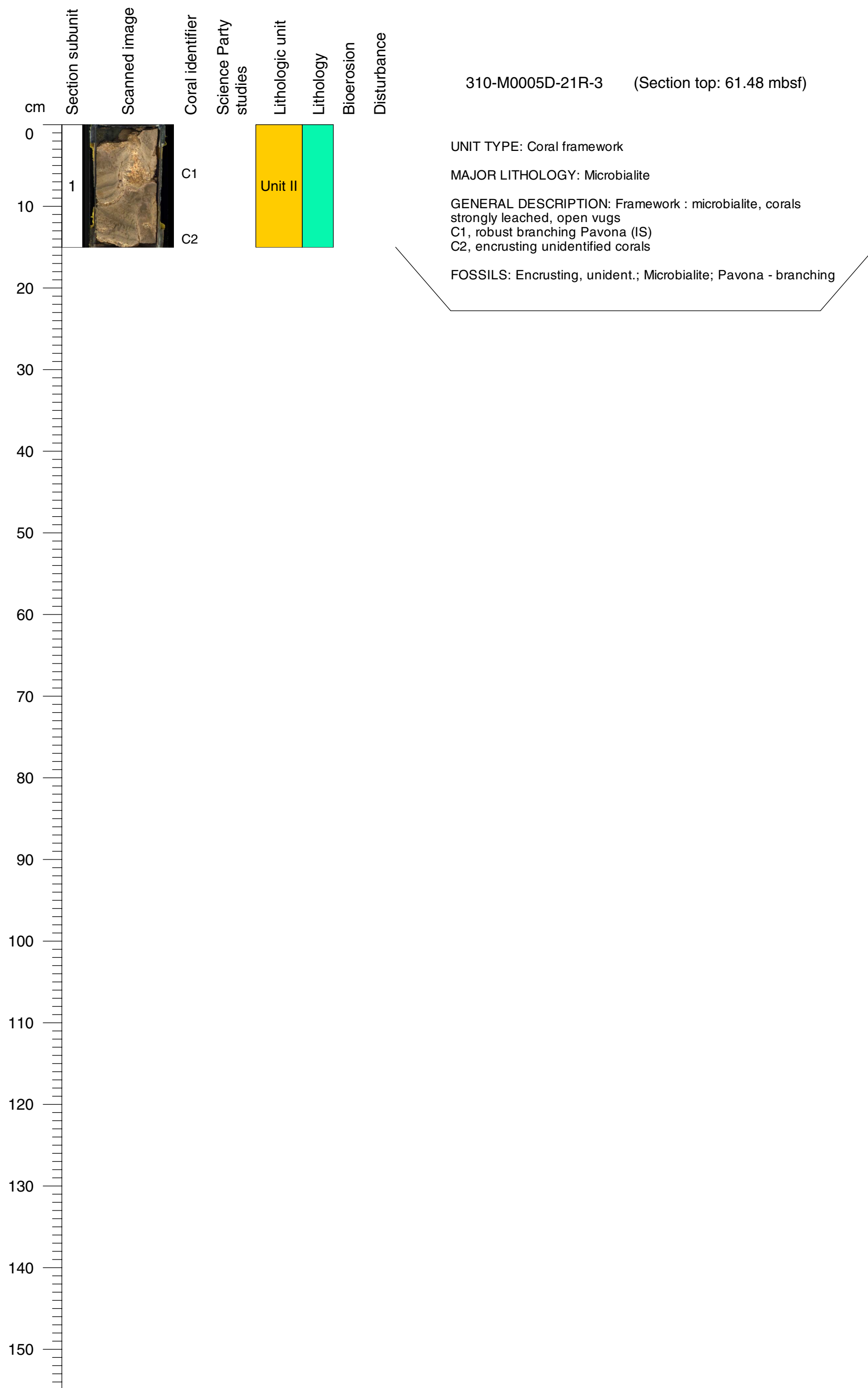
MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: Framework microbialite (major), corals strongly altered, very thin encrusting coralline algae, vugs infilled by conglomerate (basalt granules and pebbles, intraclasts, coral fragments)
 Aragonite fragments partly leached
 C1, unidentified coral (IS)
 C2, encrusting Leptastrea (IS)
 C3, Robust branching Pavona (IS)

FOSSILS: Coral frags., unident.; Encrusting coralline algae; Leptastrea - encrusting ; Microbialite; Pavona - branching

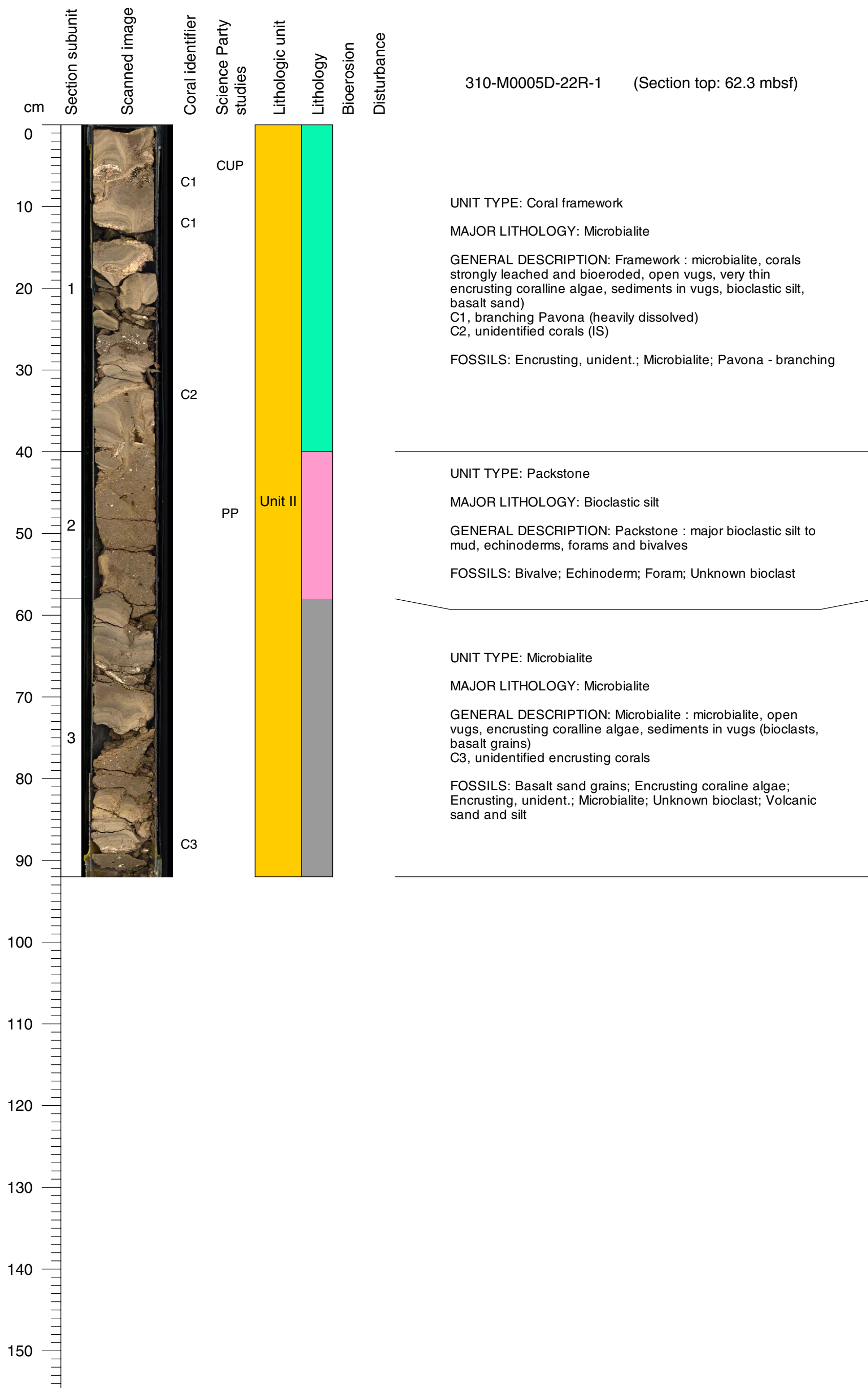


Core Photo

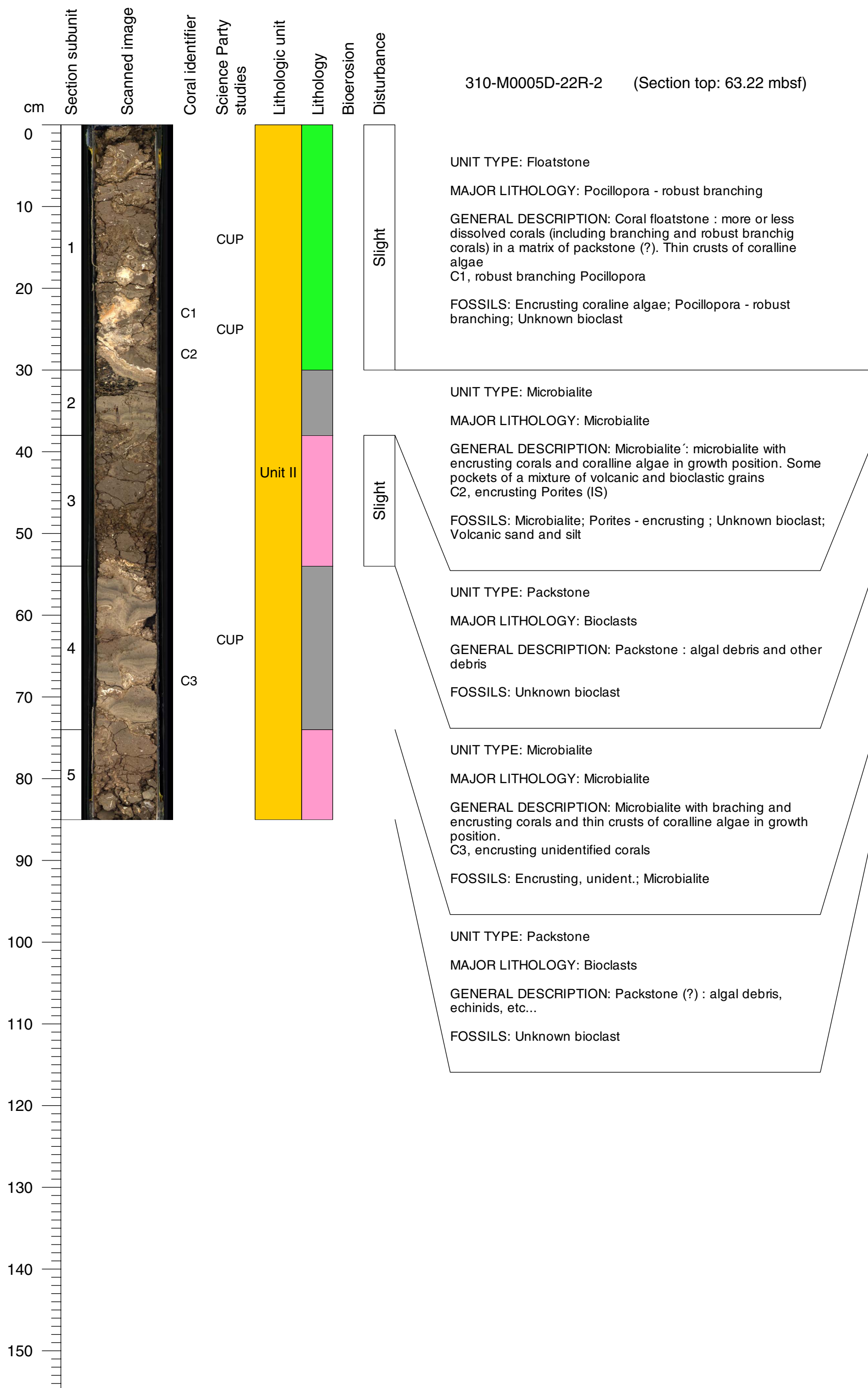


Core Photo

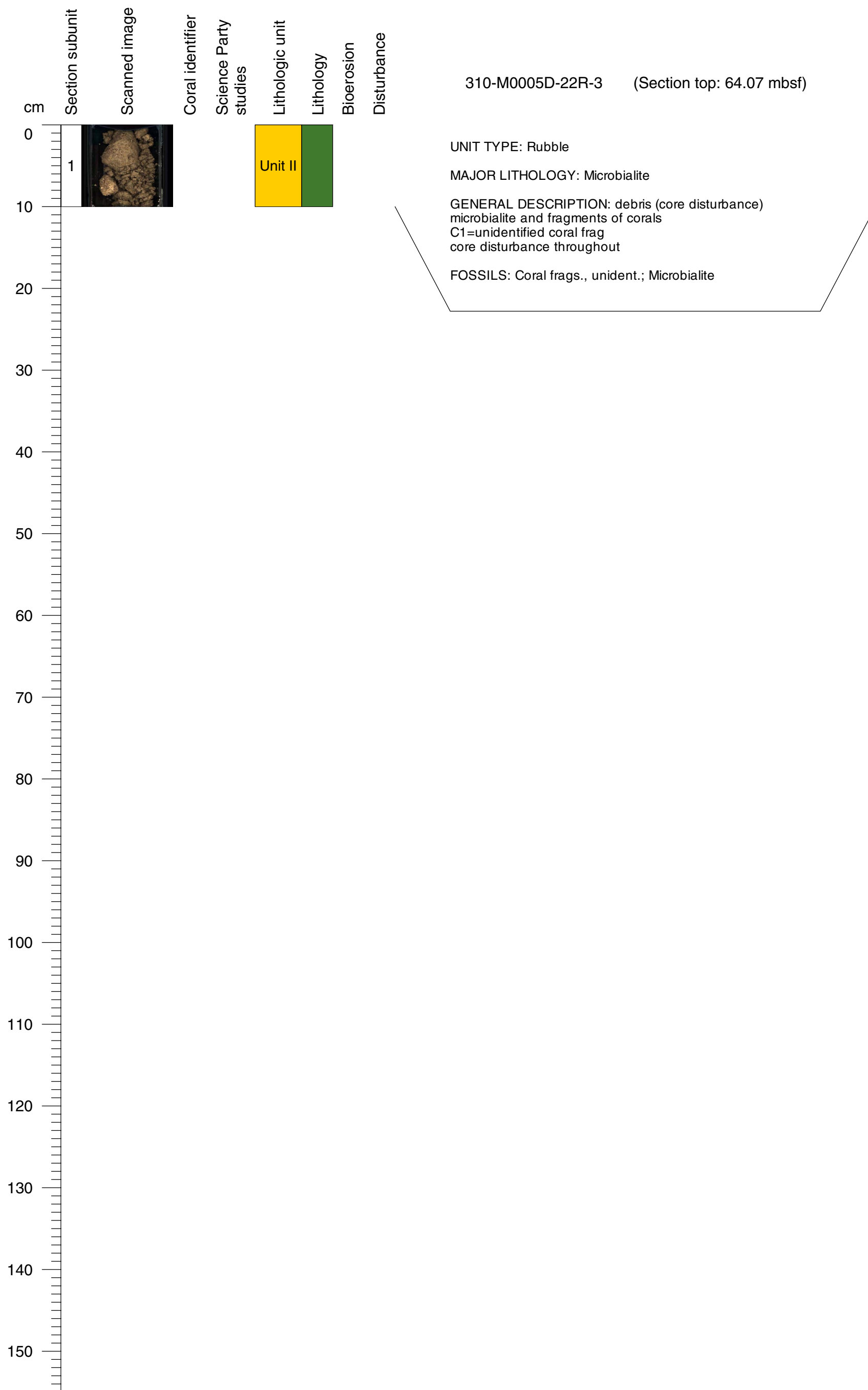
310-M0005D-22R-1 (Section top: 62.3 mbsf)



Core Photo

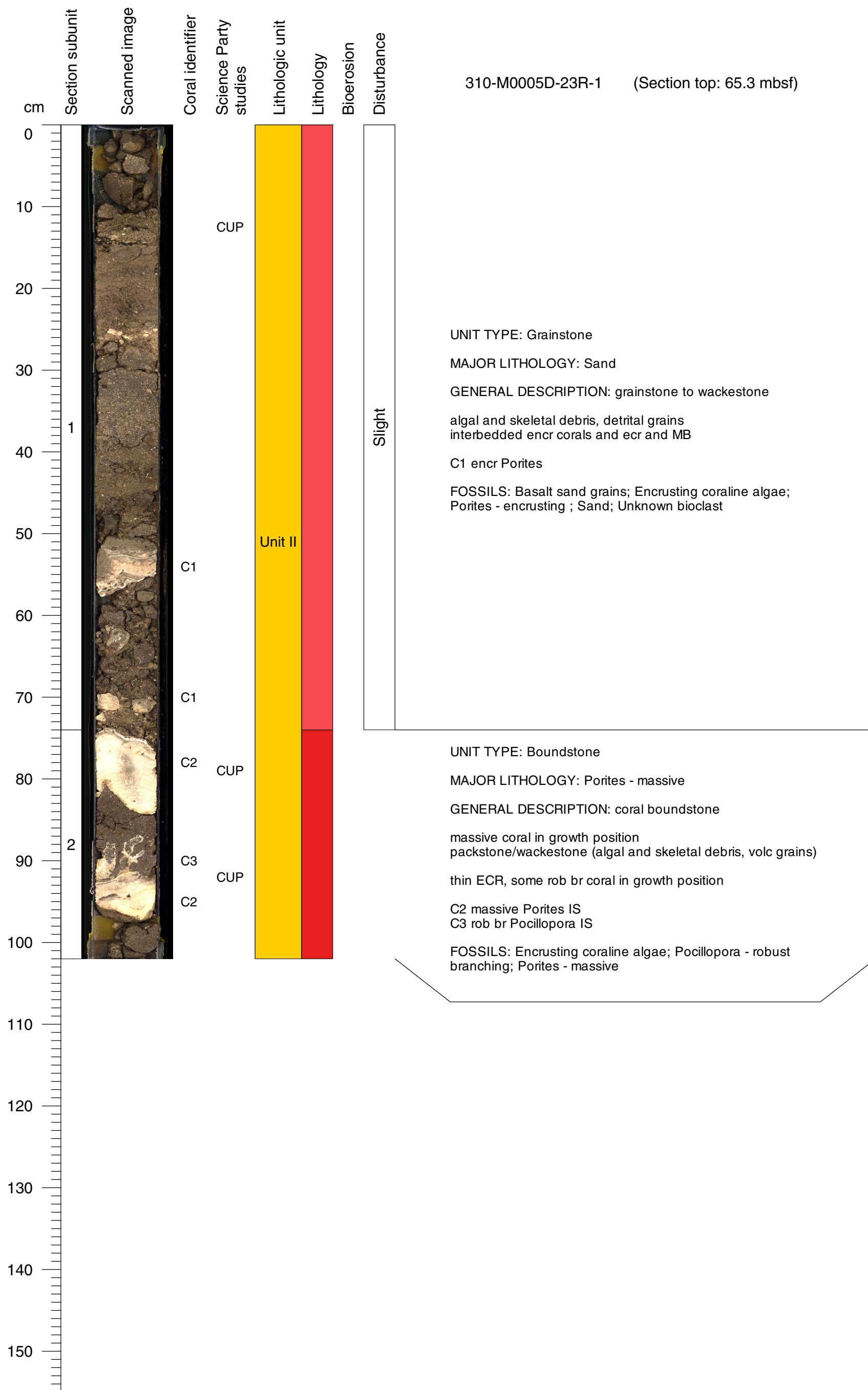


Core Photo



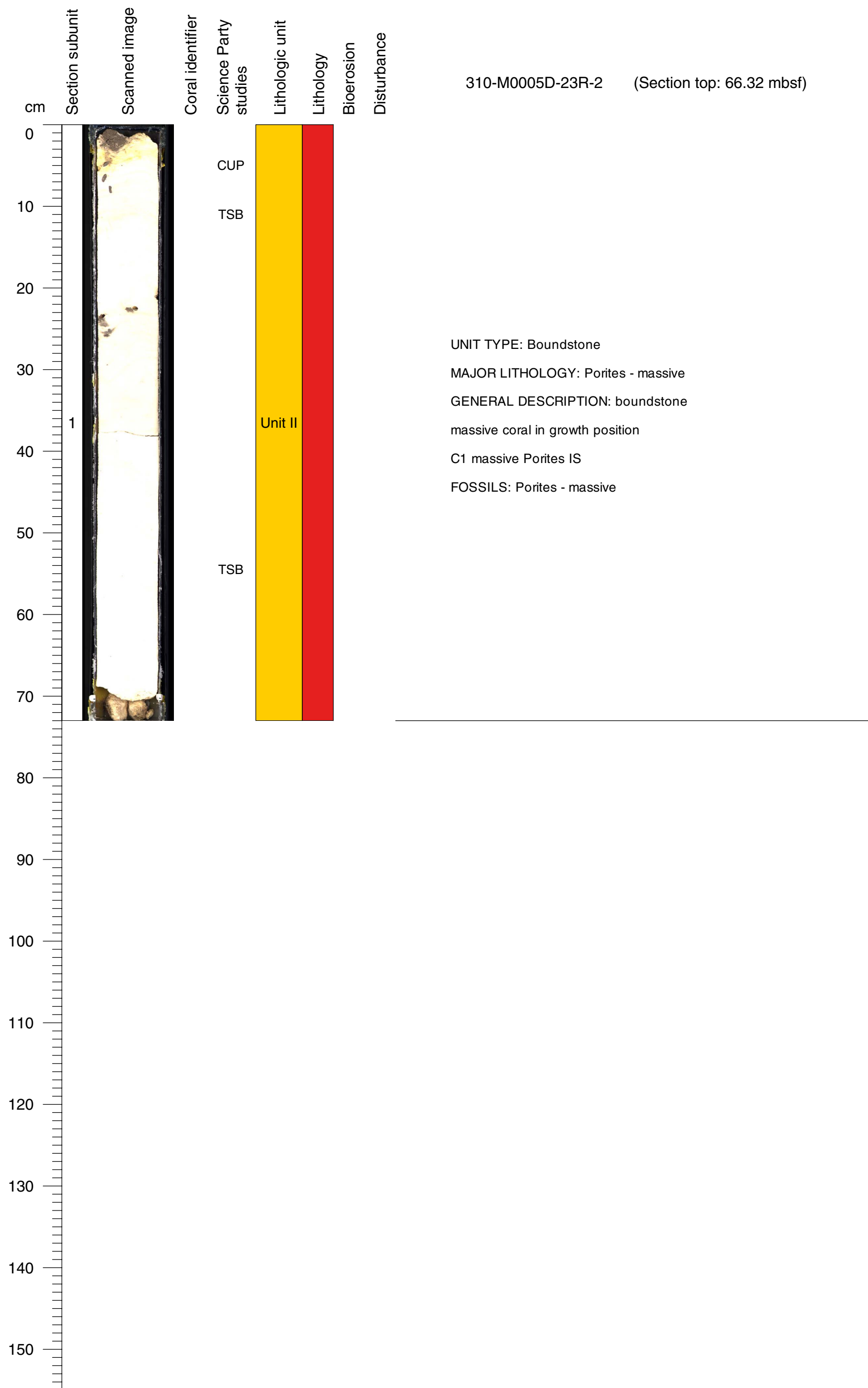
Core Photo

310-M0005D-23R-1 (Section top: 65.3 mbsf)

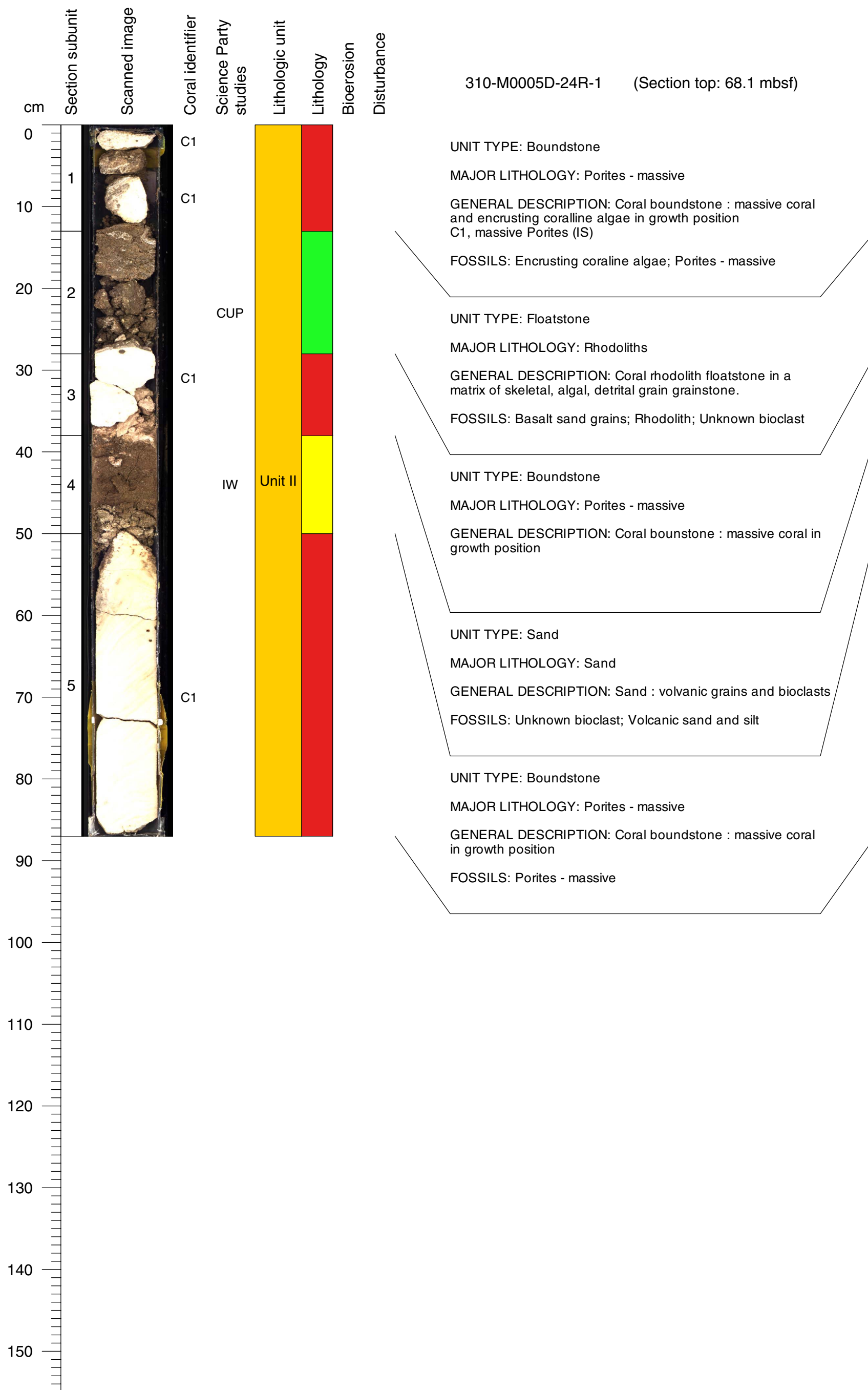


Core Photo

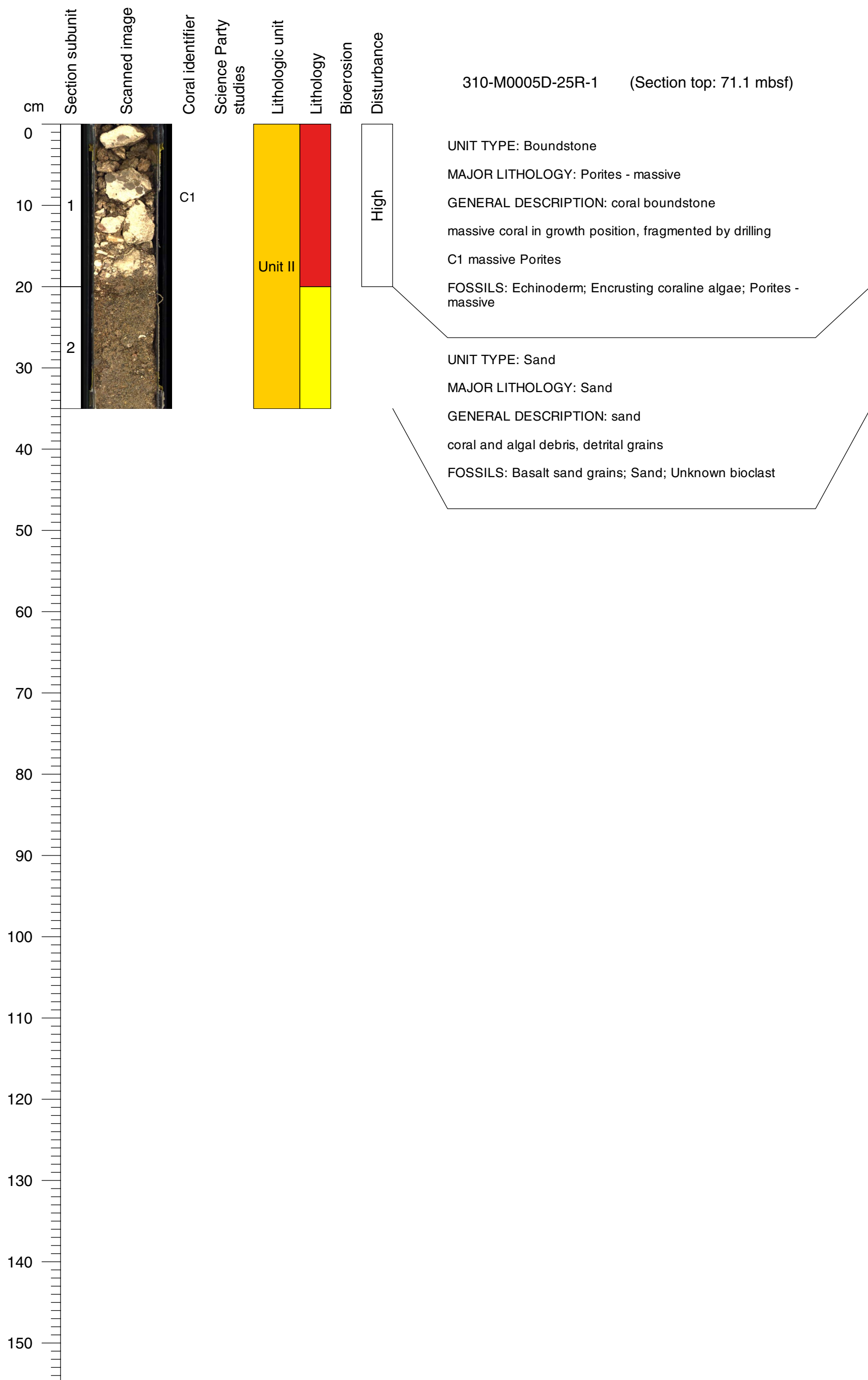
310-M0005D-23R-2 (Section top: 66.32 mbsf)



Core Photo



Core Photo



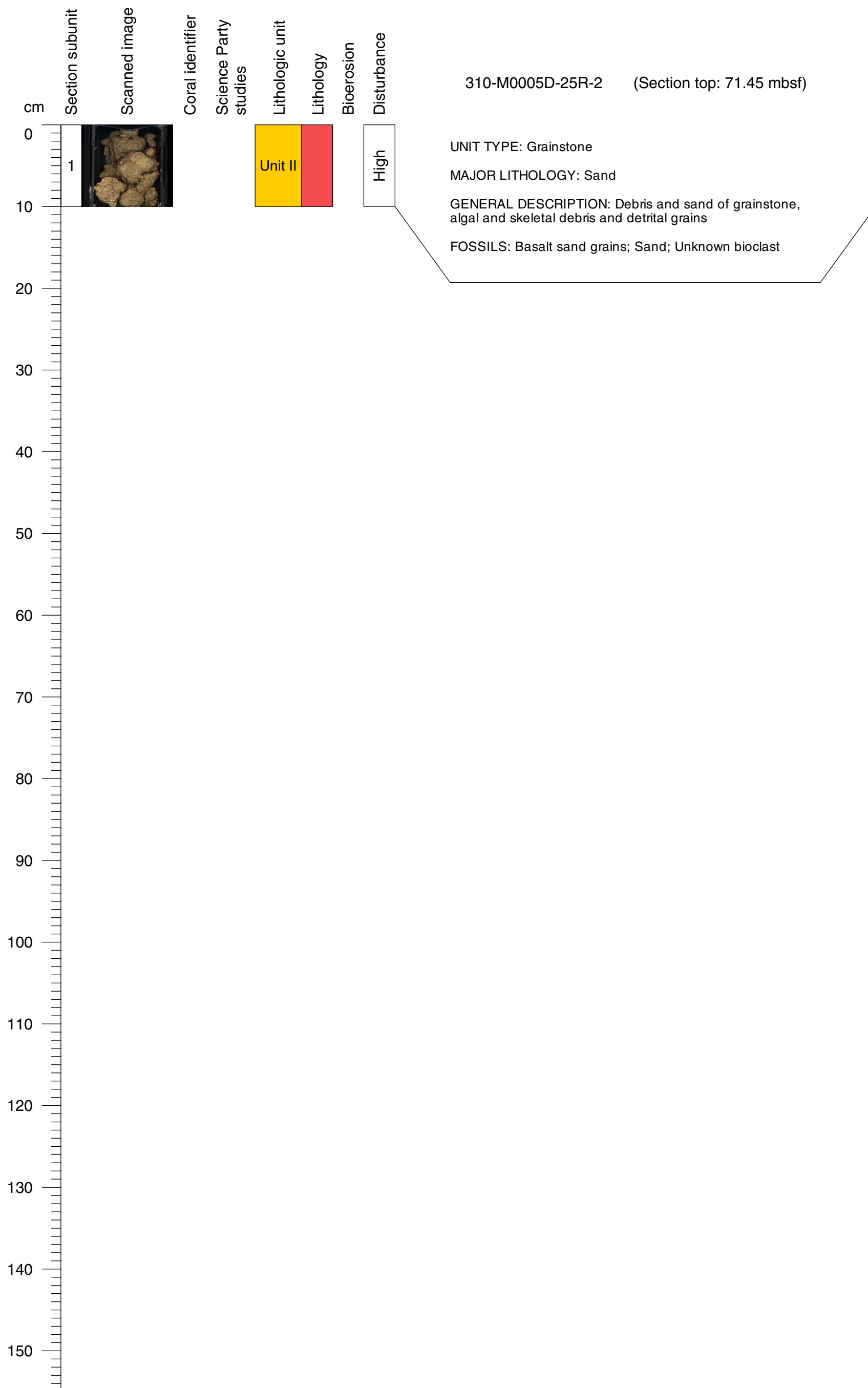
310-M0005D-25R-1 (Section top: 71.1 mbsf)

UNIT TYPE: Boundstone
 MAJOR LITHOLOGY: Porites - massive
 GENERAL DESCRIPTION: coral boundstone
 massive coral in growth position, fragmented by drilling
 C1 massive Porites
 FOSSILS: Echinoderm; Encrusting coraline algae; Porites - massive

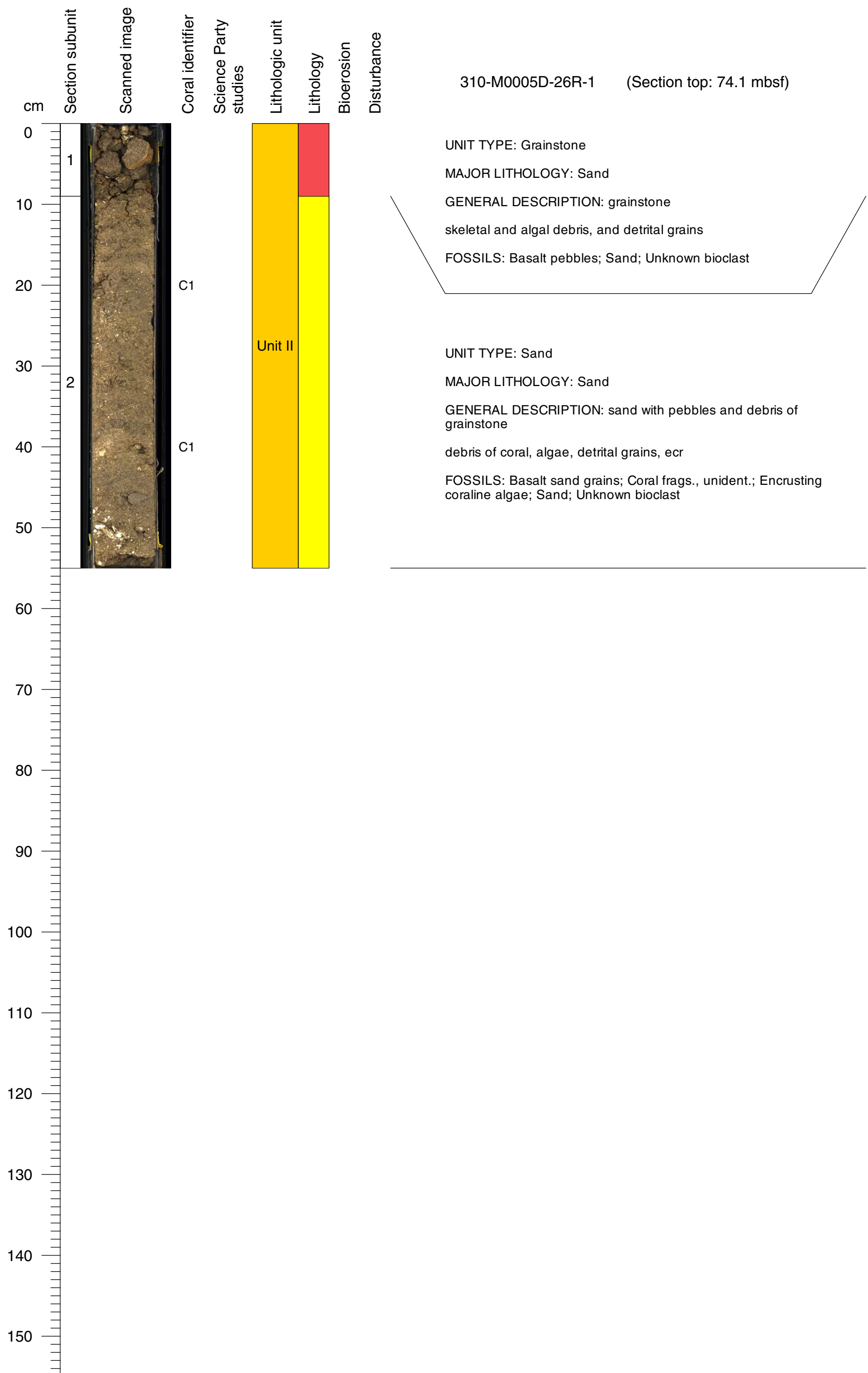
UNIT TYPE: Sand
 MAJOR LITHOLOGY: Sand
 GENERAL DESCRIPTION: sand
 coral and algal debris, detrital grains
 FOSSILS: Basalt sand grains; Sand; Unknown bioclast



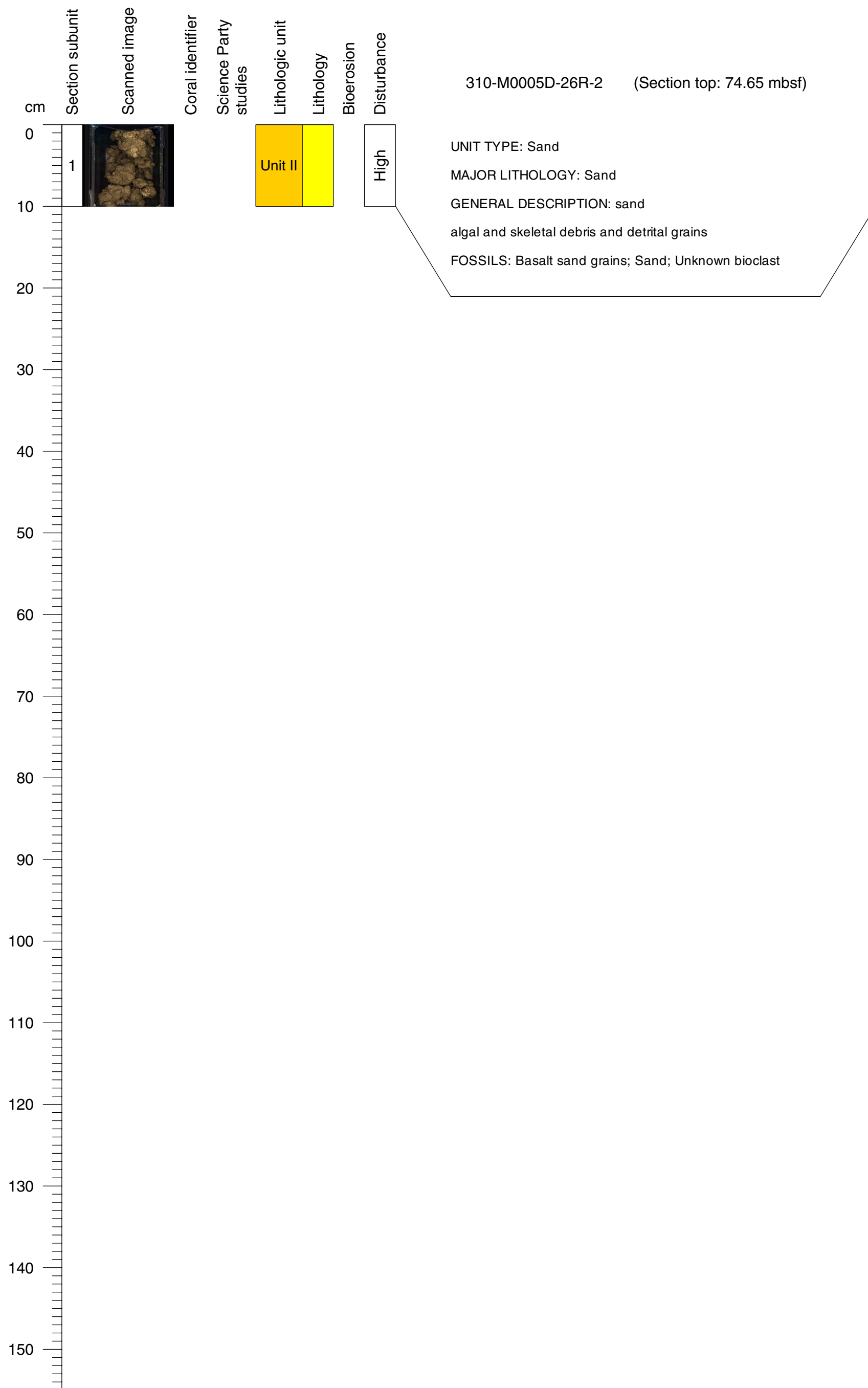
Core Photo



Core Photo

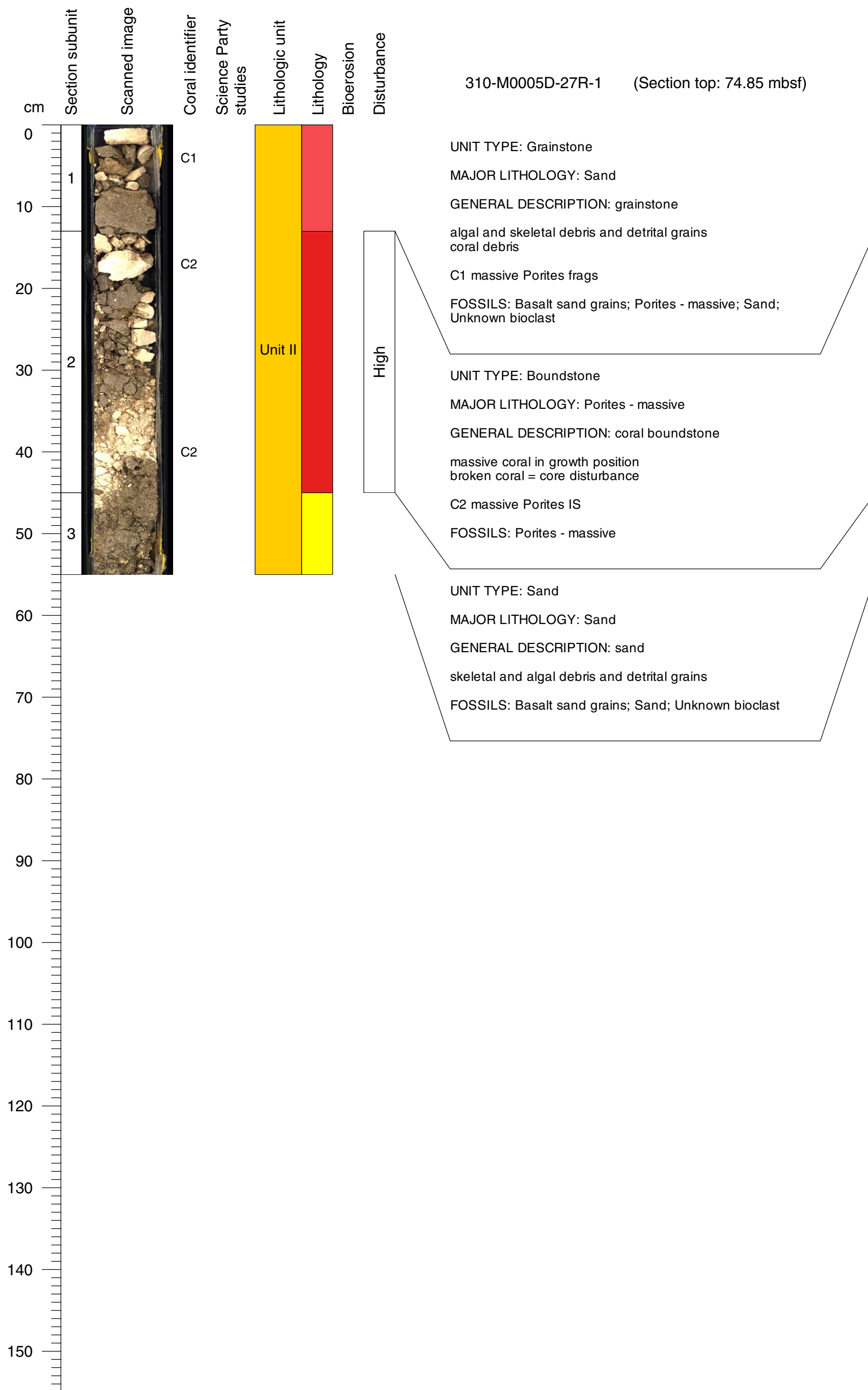


Core Photo

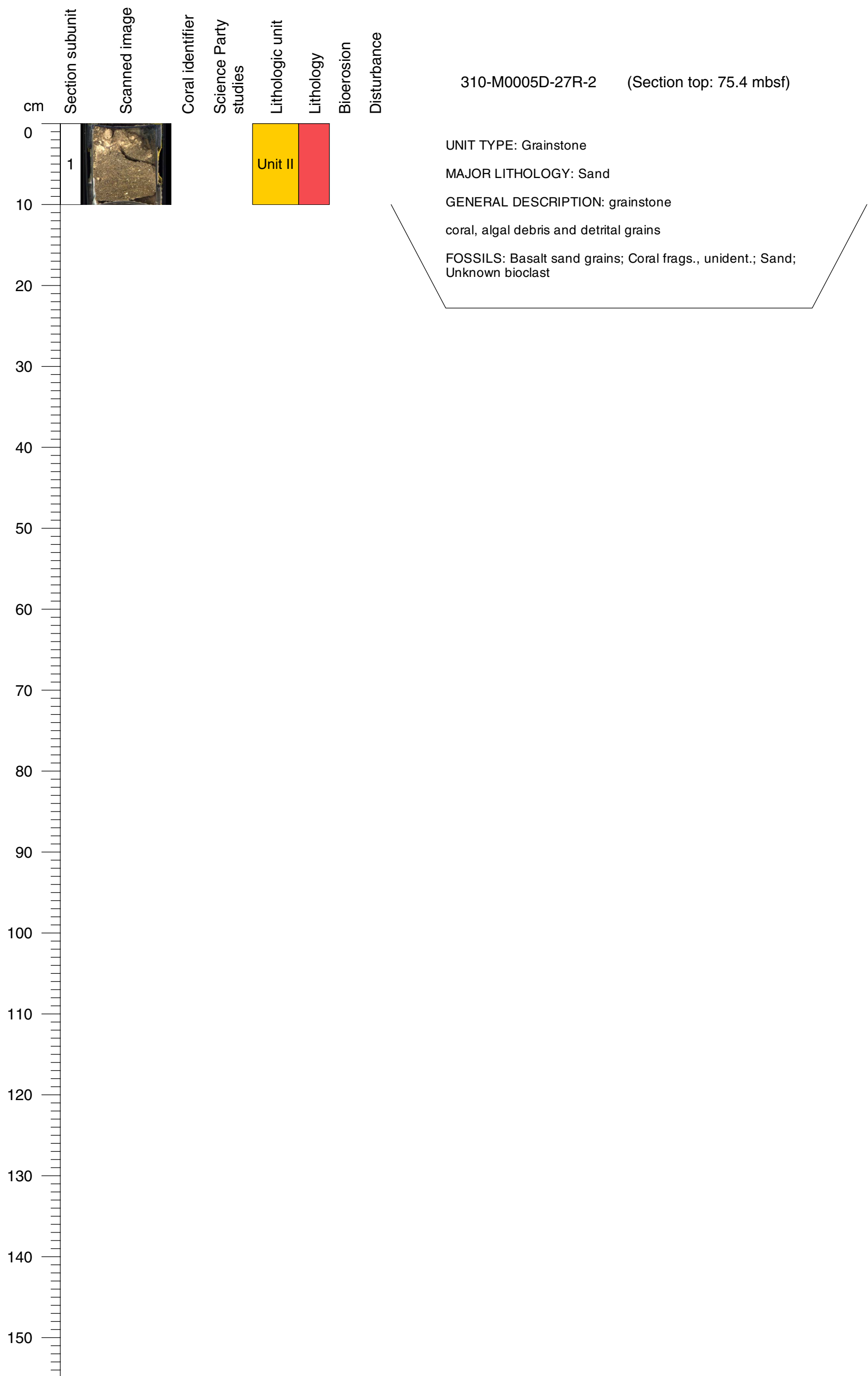


Core Photo

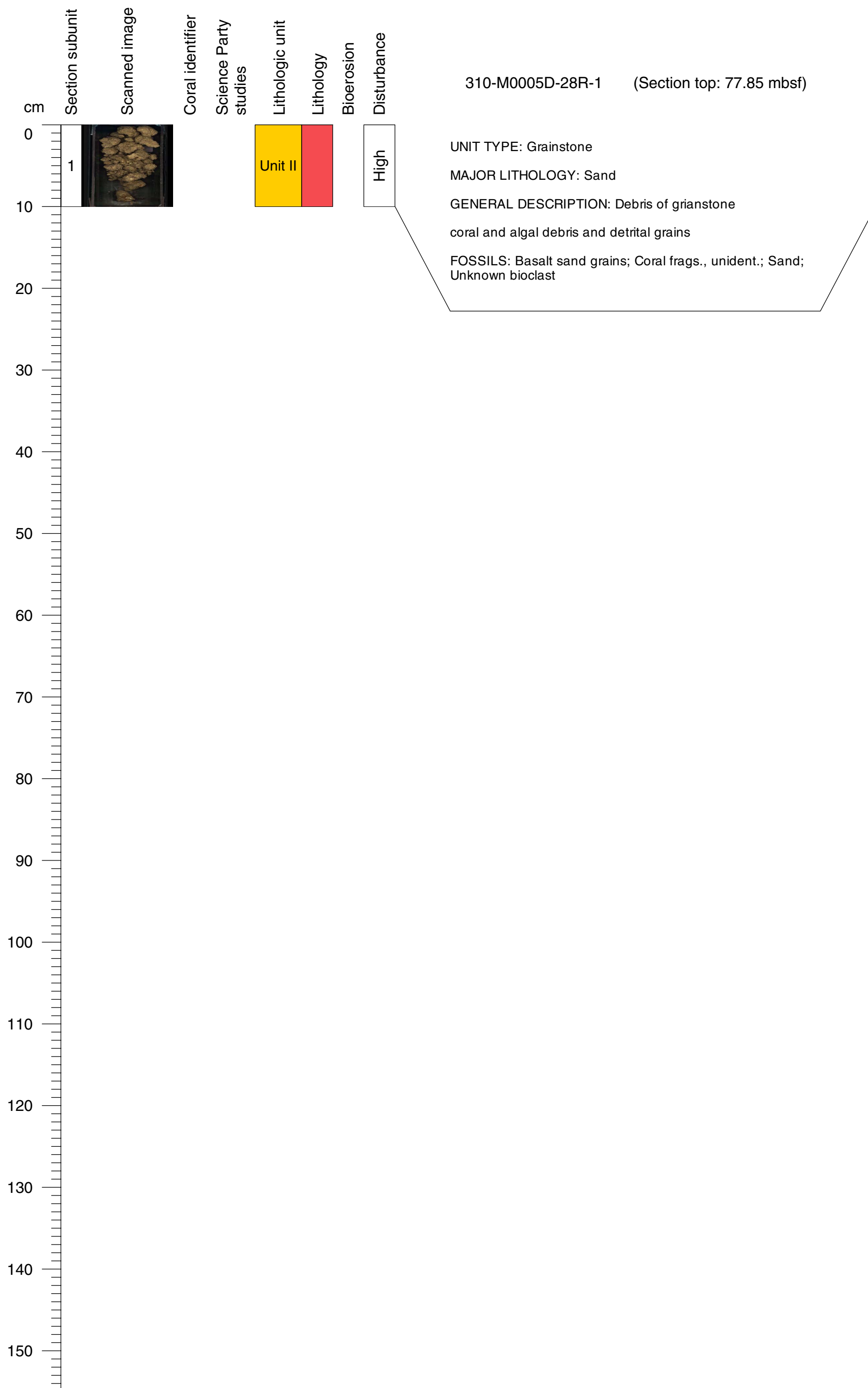
310-M0005D-27R-1 (Section top: 74.85 mbsf)



Core Photo

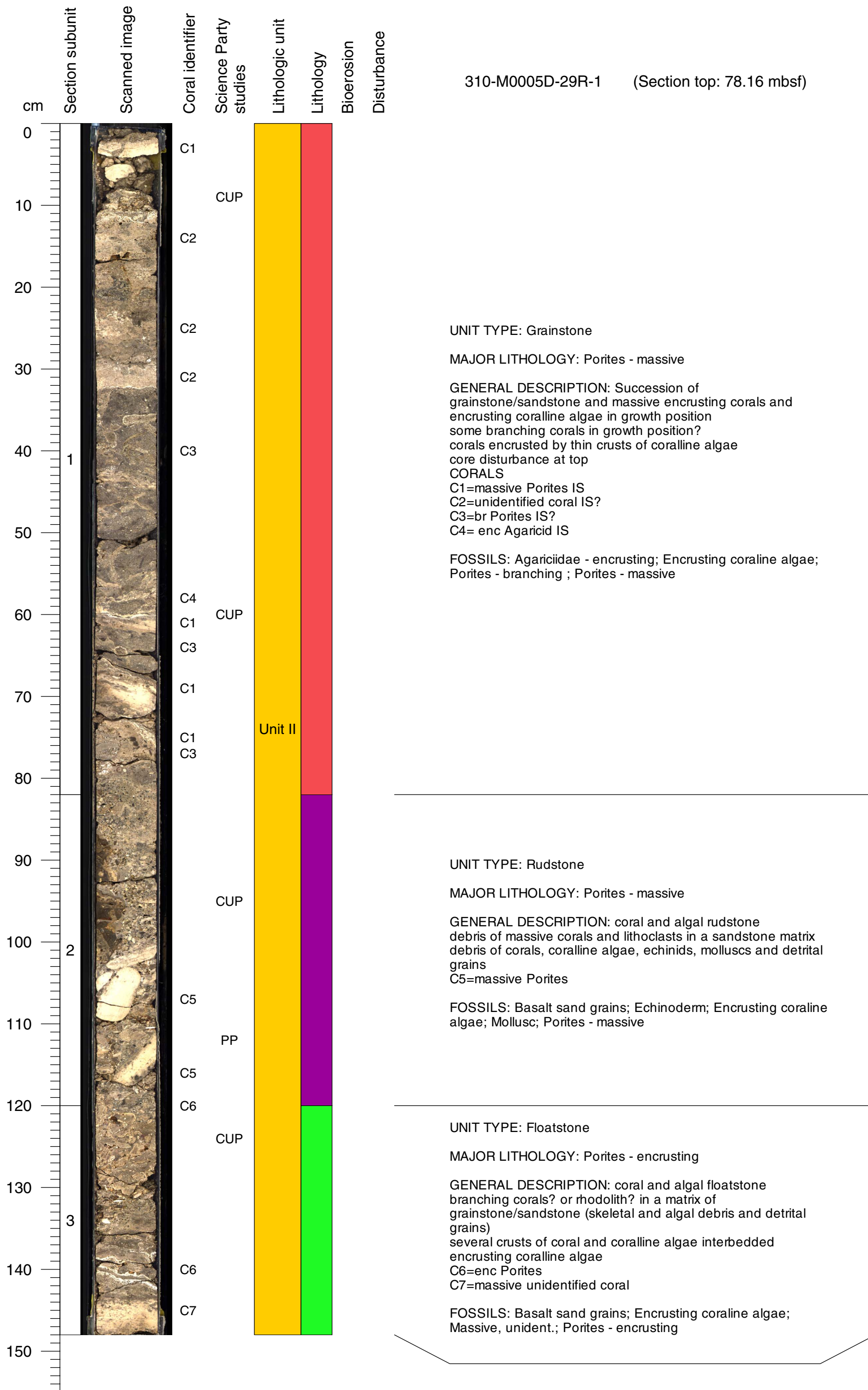


Core Photo



Core Photo

310-M0005D-29R-1 (Section top: 78.16 mbsf)



Core Photo

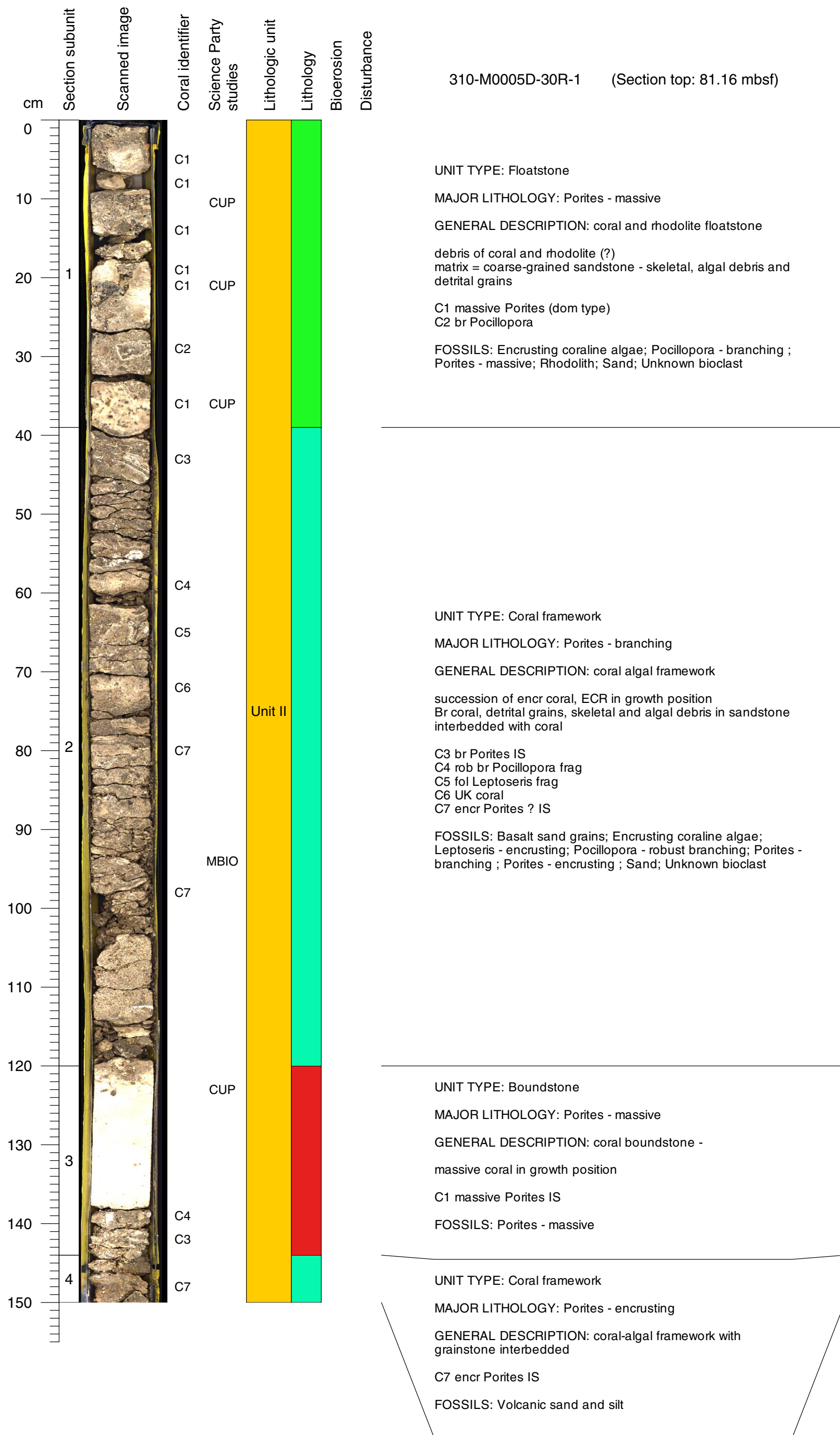
310-M0005D-29R-2 (Section top: 79.64 mbsf)

cm	Section subunit	Scanned image	Coral identifier	Science Party studies	Lithologic unit	Lithology	Bioerosion	Disturbance				
0									UNIT TYPE: Grainstone			
10										MAJOR LITHOLOGY: Bioclastic sediment		
20	1									GENERAL DESCRIPTION: Grainstone/sandstone in which several branching and encrusting(?) corals occur thin crusts of coralline algae sandstone:skeletal and algal debris and detrital grains bioerosion or bioturbation?		
30			C1							CORAL C1=br Porites	FOSSILS: Basalt sand grains; Encrusting coralline algae; Porites - branching	
40			C2									
50			C3									
60											UNIT TYPE: Floatstone	
70	2										MAJOR LITHOLOGY: Porites - massive	
80			C3					Unit II			GENERAL DESCRIPTION: coral and algal floatstone 'big' debris of massive corals encrusted by coralline algae and microbialite in growth? position In several places crusts of corals and coralline algae possible rhodoliths? matrix=grainstone/sandstone composed of skeletal and algal debris and detrital grains	
90			C3								CORAL C2=enc Porites C3=mas Porites	FOSSILS: Basalt sand grains; Encrusting coralline algae; Microbialite; Porites - encrusting ; Porites - massive; Rhodolith
100			C3									
110			C2								UNIT TYPE: Floatstone	
120			C4								MAJOR LITHOLOGY: Porites - encrusting	
130	3		C1								GENERAL DESCRIPTION: coral and algal floatstone to sandstone with rhodoliths? Matrix=sandstone/grainstone composed of coarse grains of skeletal and algal debris and several detrital grains occurrence of coral crusts encrusting coralline algae	
140			C4								CORAL C2=enc Porites frags C4=br Pocillopora	FOSSILS: Encrusting coralline algae; Pocillopora - branching ; Porites - encrusting ; Rhodolith
150			C2									



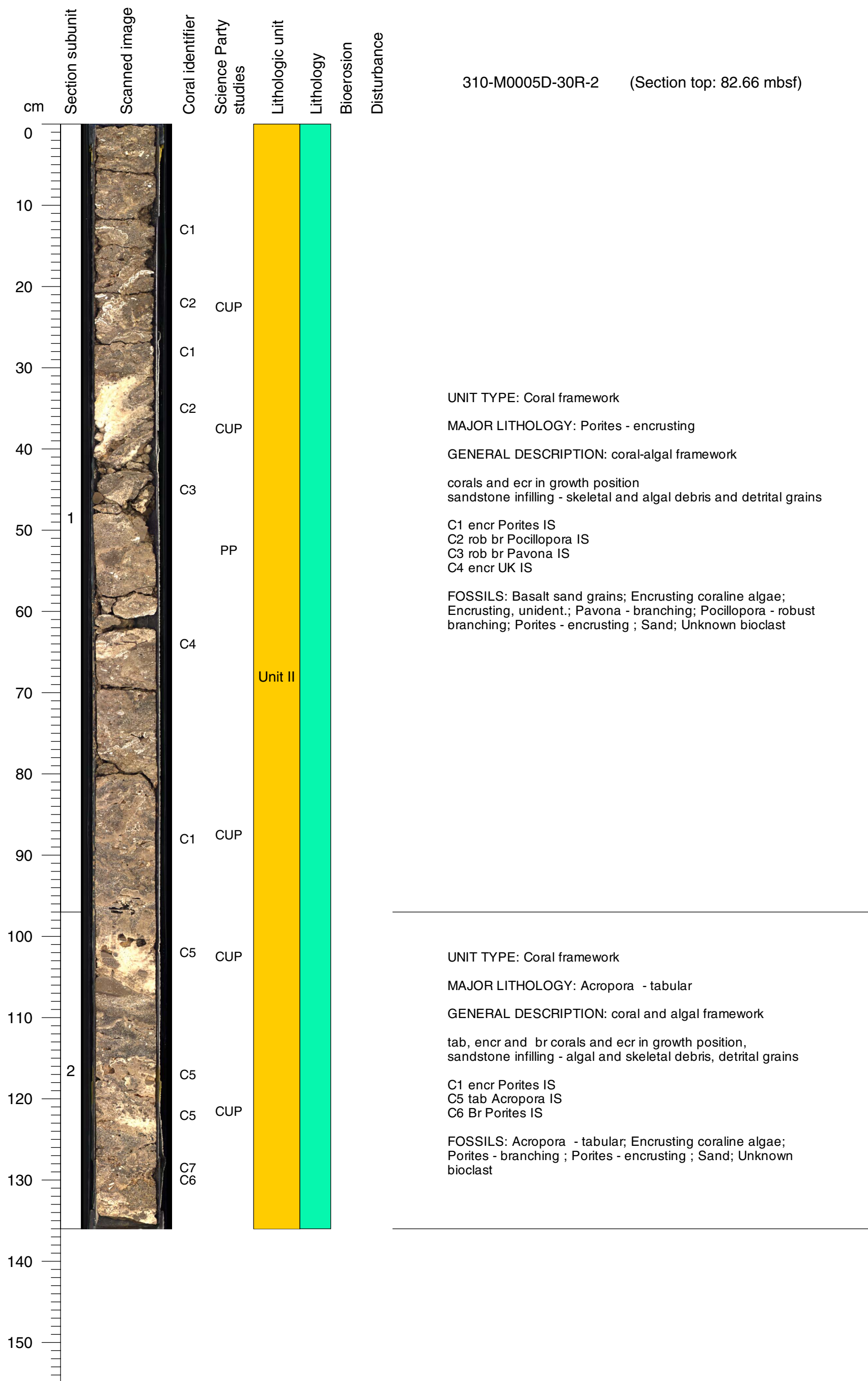
Core Photo

310-M0005D-30R-1 (Section top: 81.16 mbsf)



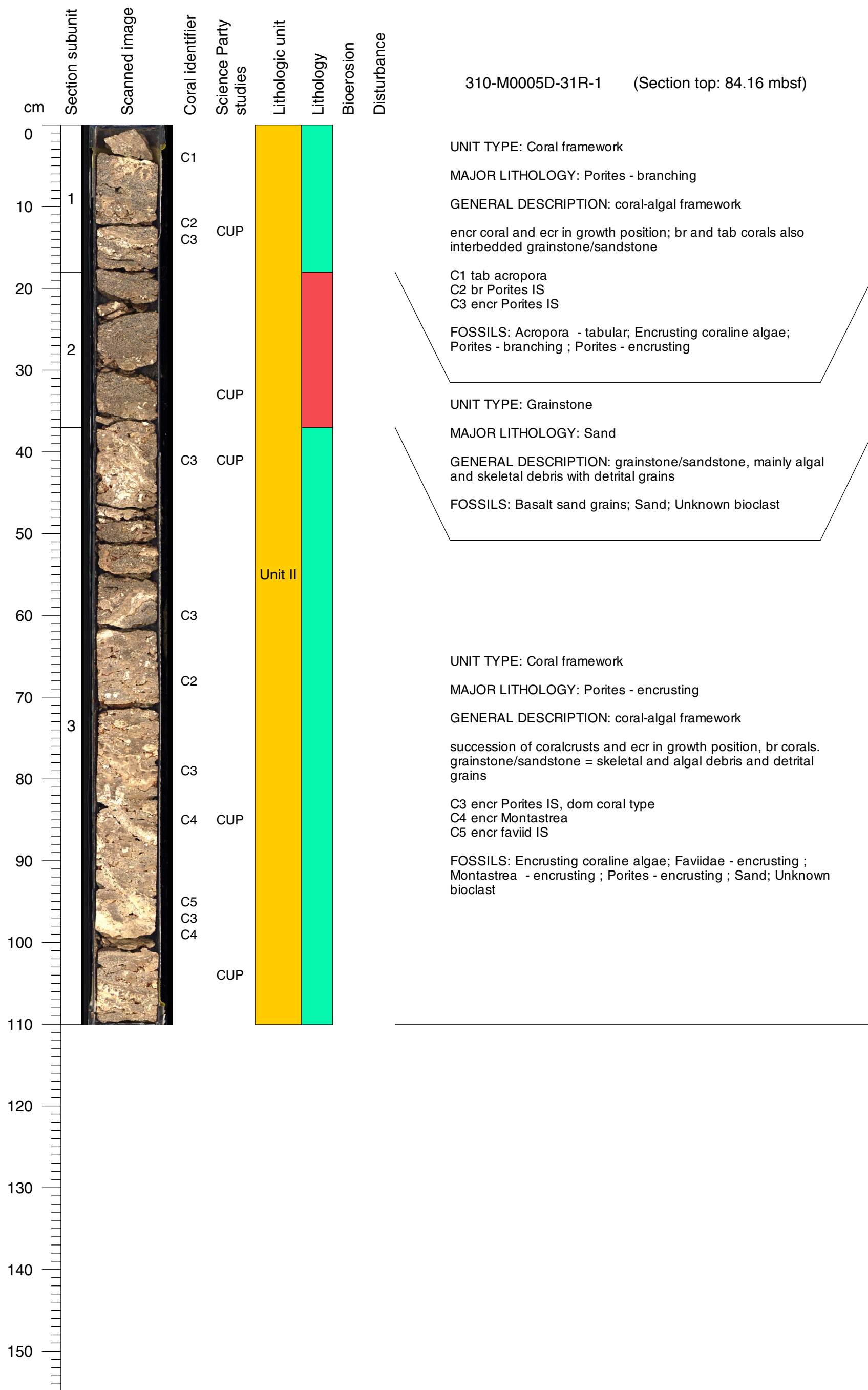
Core Photo

310-M0005D-30R-2 (Section top: 82.66 mbsf)



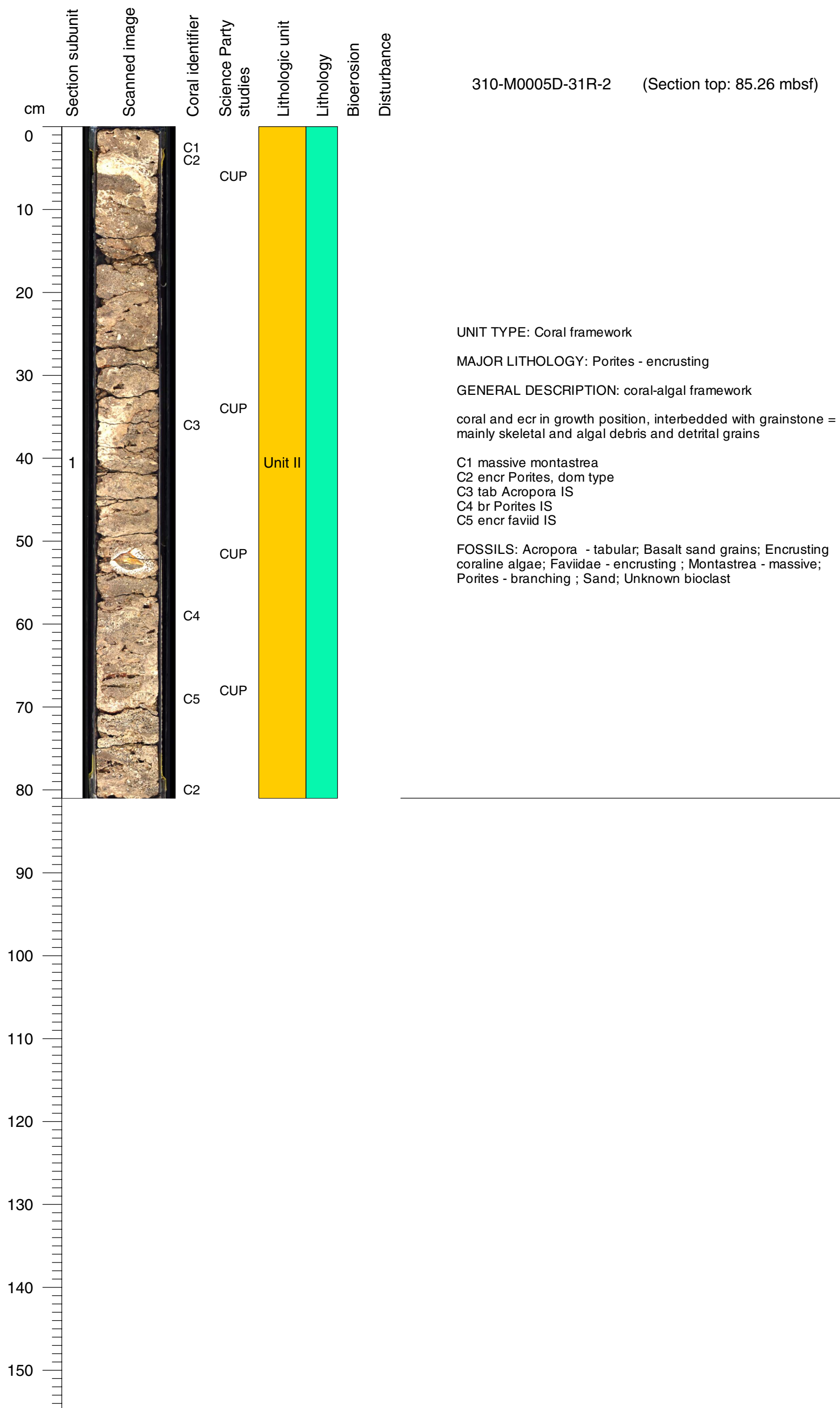
Core Photo

310-M0005D-31R-1 (Section top: 84.16 mbsf)



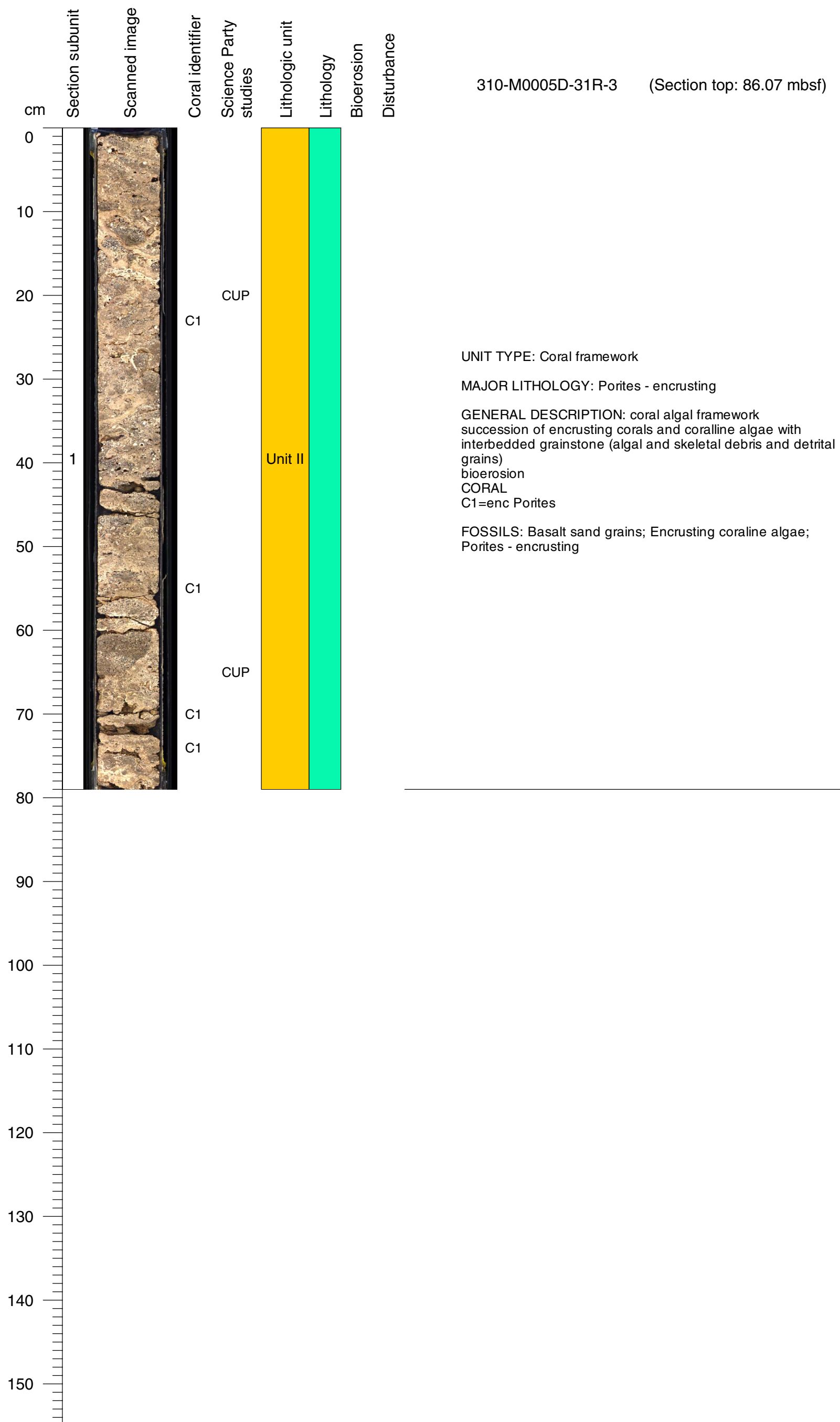
Core Photo

310-M0005D-31R-2 (Section top: 85.26 mbsf)



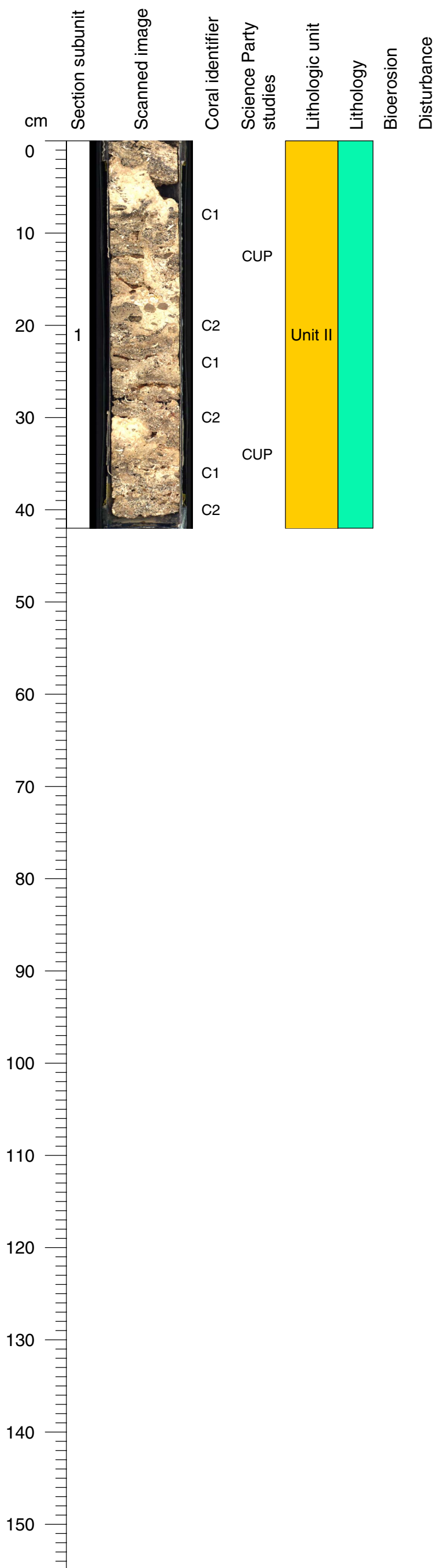
Core Photo

310-M0005D-31R-3 (Section top: 86.07 mbsf)



Core Photo

310-M0005D-31R-4 (Section top: 86.86 mbsf)



UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Acropora - tabular

GENERAL DESCRIPTION: coral framework tabular and encrusting corals in growth position interbedded with grainstone (to sandstone) composed of algal and skeletal debris and detrital grains. Encrusting coralline algae are very rare

bioerosion

CORAL

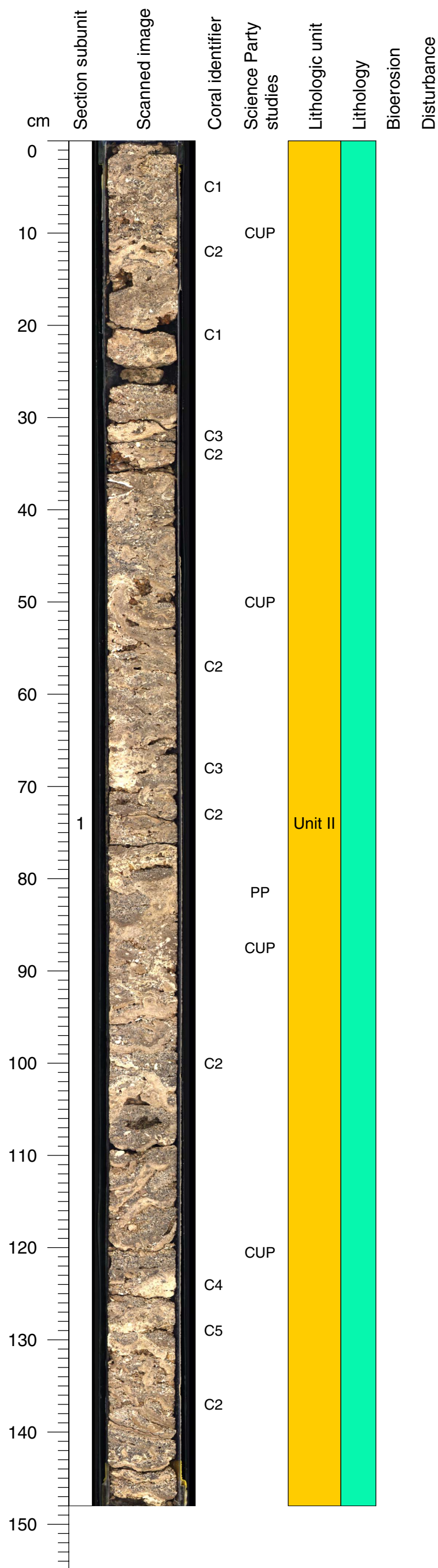
C1=tabular Acropora IS

C2=enc Porites IS

FOSSILS: Acropora - tabular; Porites - encrusting

Core Photo

310-M0005D-32R-1 (Section top: 87.16 mbsf)



UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Porites - encrusting

GENERAL DESCRIPTION: coral algal framework successive encrusting branching and tabular corals (in growth succession) and encrusting coralline algae grainstones (algal and skeletal debris and detrital grains) are interbedded or infill the cavities

CORAL

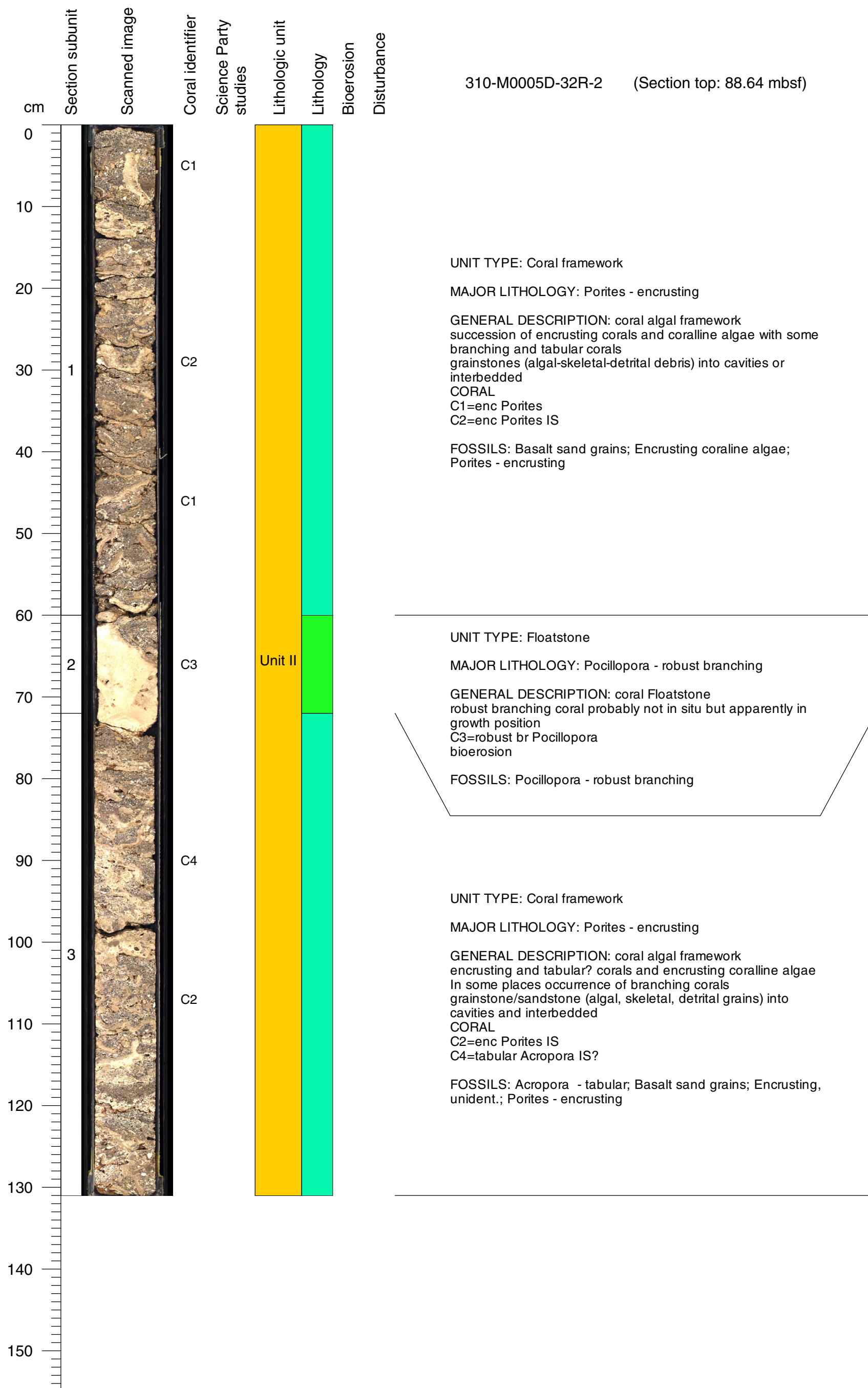
- C1= br Porites? IS?
- C2=enc Porites IS
- C3=tab Acropora? IS
- C4=enc Agariciid IS
- C5= enc Faviid (IS)

FOSSILS: Acropora - encrusting; Acropora - tabular; Agariciidae - encrusting; Basalt sand grains; Encrusting coralline algae; Encrusting, unident.; Faviidae - encrusting; Porites - branching; Porites - encrusting

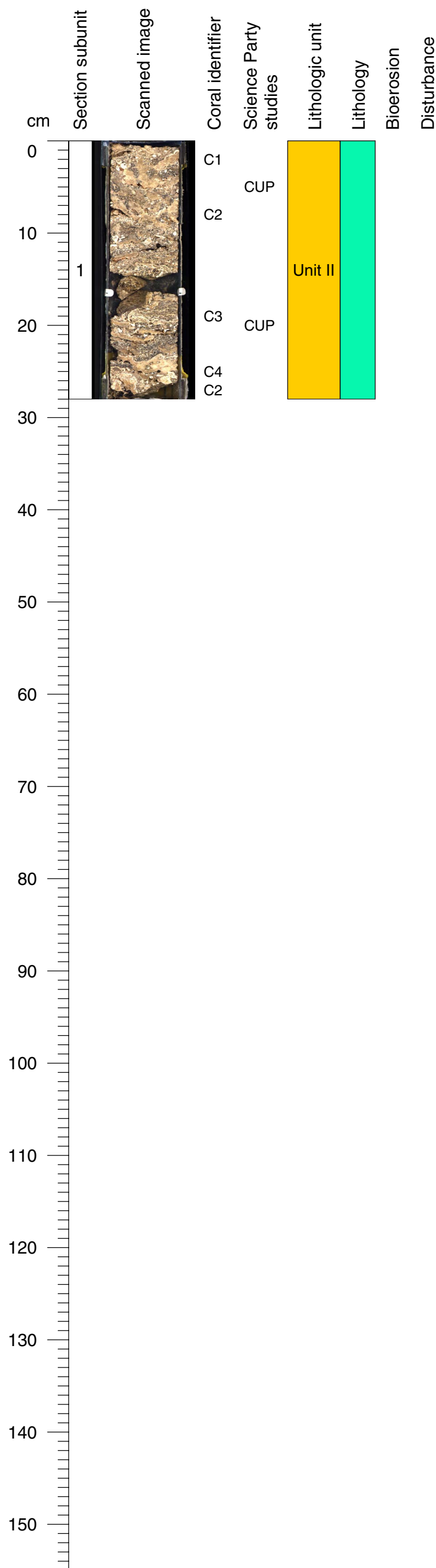


Core Photo

310-M0005D-32R-2 (Section top: 88.64 mbsf)



Core Photo



310-M0005D-32R-3 (Section top: 89.95 mbsf)

UNIT TYPE: Coral framework

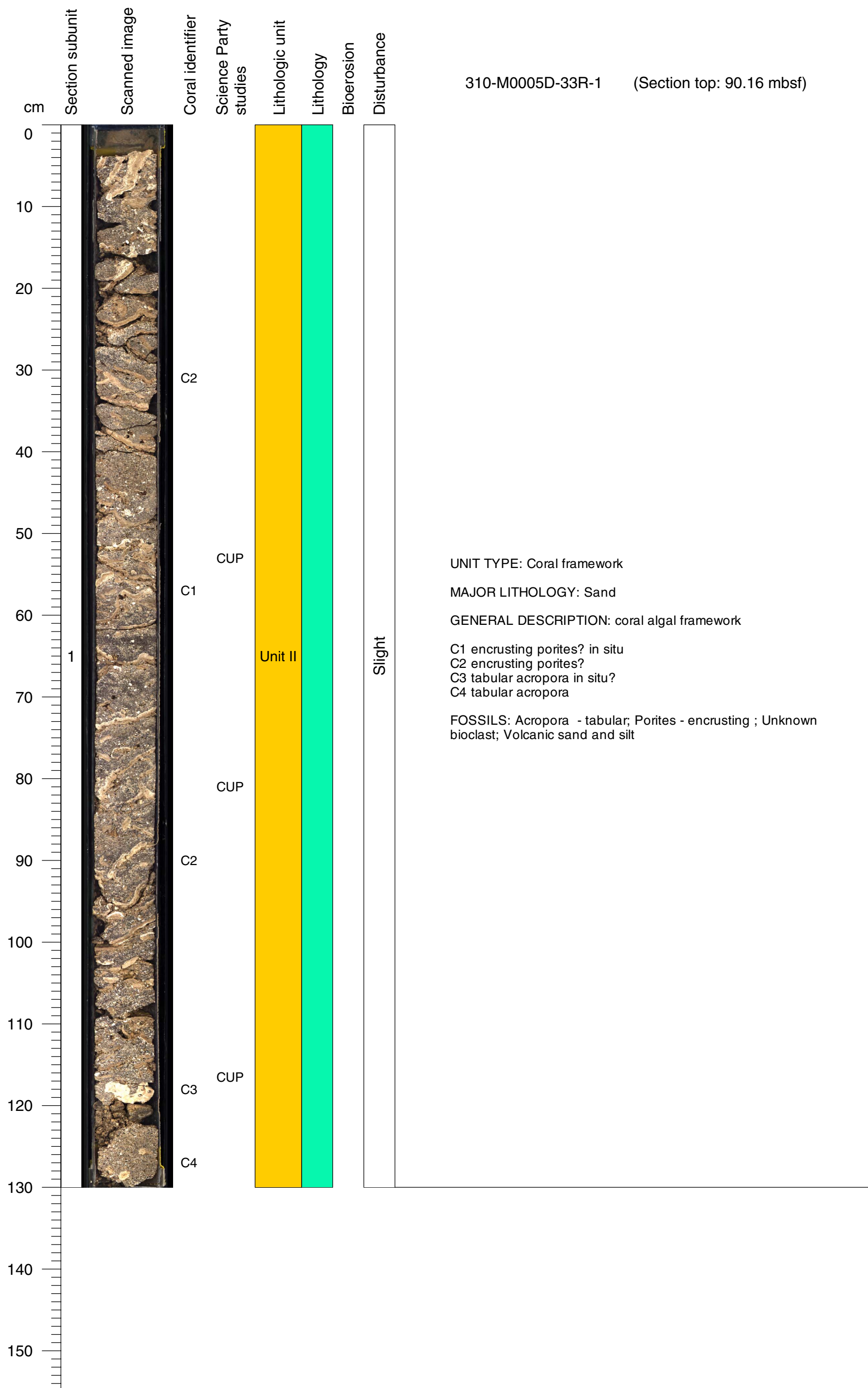
MAJOR LITHOLOGY: Porites - branching

GENERAL DESCRIPTION: coral algal framework
 succession of encrusting branching and tabular corals in growth
 position and encrusting coralline algae with interbedded
 grainstones
 grainstone/sandstone:algal and skeletal debris and detrital
 grains
 CORAL
 C1=tabular Acropora frags
 C2=br Porites IS
 C3=enc Porites IS
 C4=tab Acropora IS

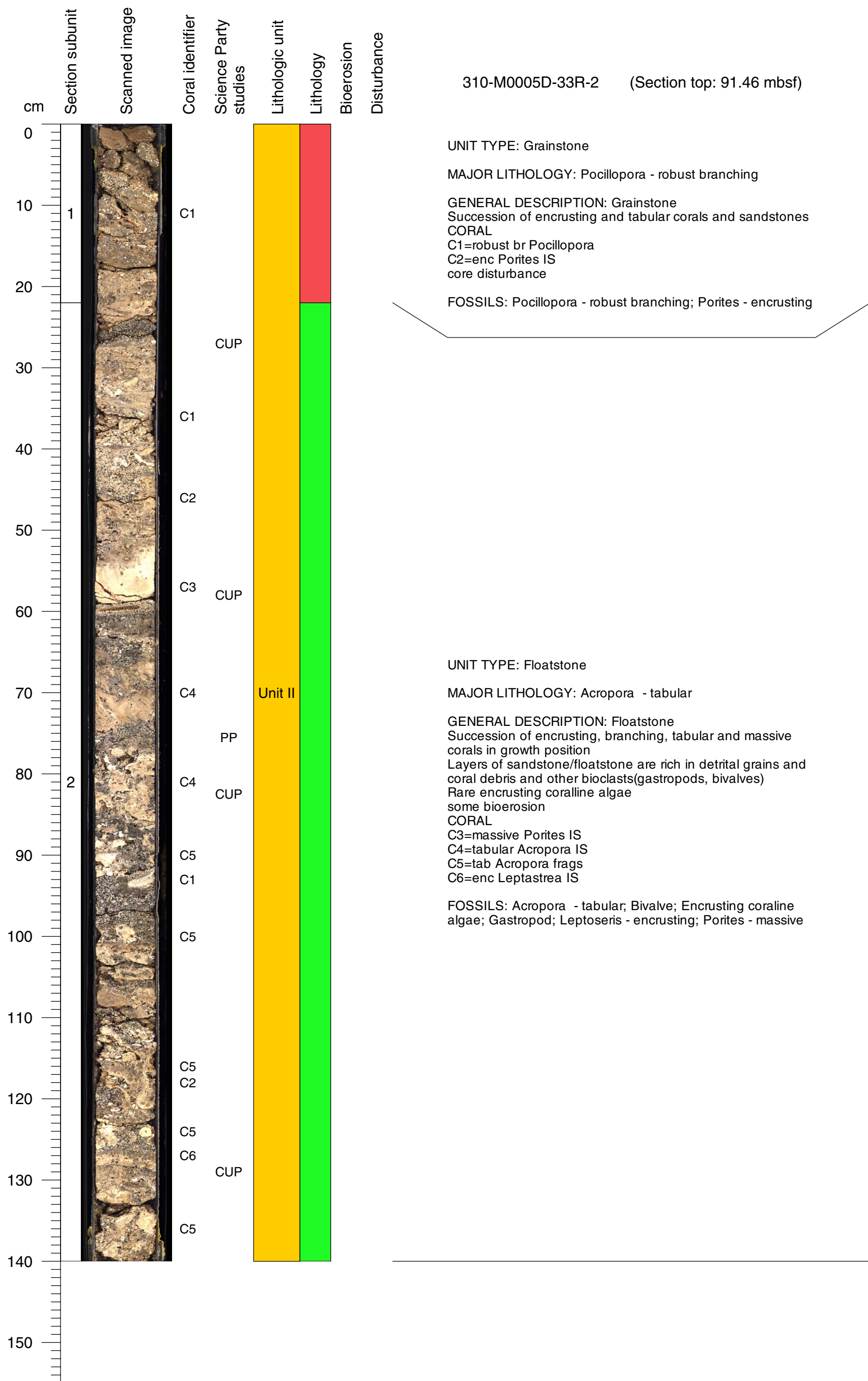
FOSSILS: Acropora - tabular; Basalt sand grains; Encrusting
 coralline algae; Porites - branching ; Porites - encrusting

Core Photo

310-M0005D-33R-1 (Section top: 90.16 mbsf)

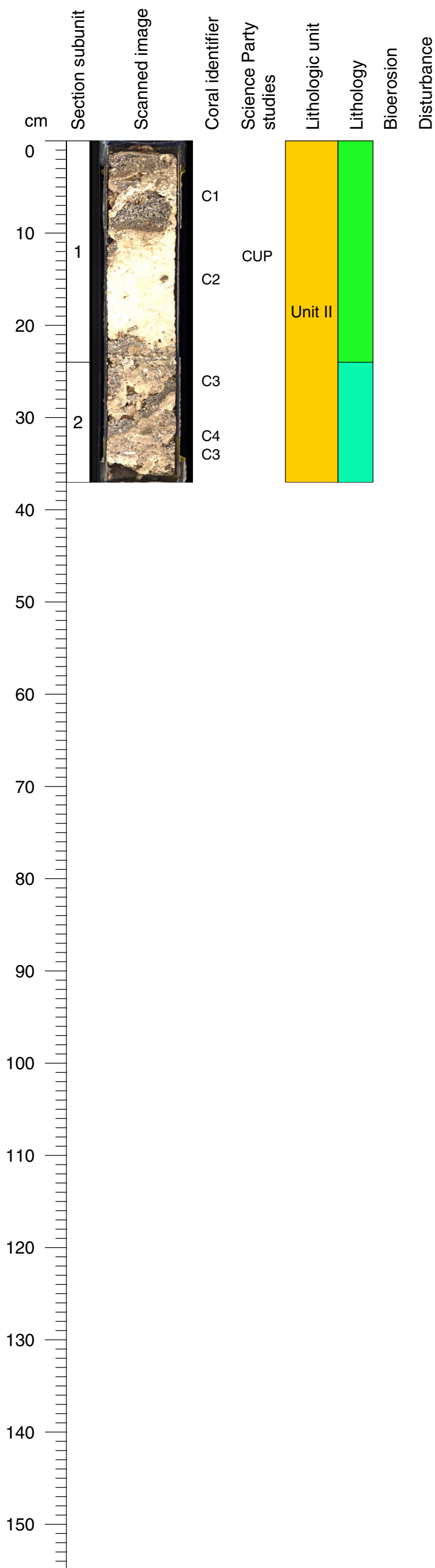


Core Photo



Core Photo

310-M0005D-33R-3 (Section top: 92.86 mbsf)



UNIT TYPE: Floatstone

MAJOR LITHOLOGY: Acropora - tabular

GENERAL DESCRIPTION: coral Floatstone(?)
big coral debris (tabular) in reversed position in a sandstone(or grainstone) matrix

less than 50% detrital grains

some bioerosion

CORAL

C1= enc Montastrea IS

C2=tab Acropora

FOSSILS: Acropora - tabular; Basalt sand grains; Montipora - encrusting

UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Acropora - tabular

GENERAL DESCRIPTION: Coral framework: encrusting and tabular corals in growth position covered by thin crusts of coralline algae

infilling by sandstone/grainstone

CORAL:

C3=tab Acropora

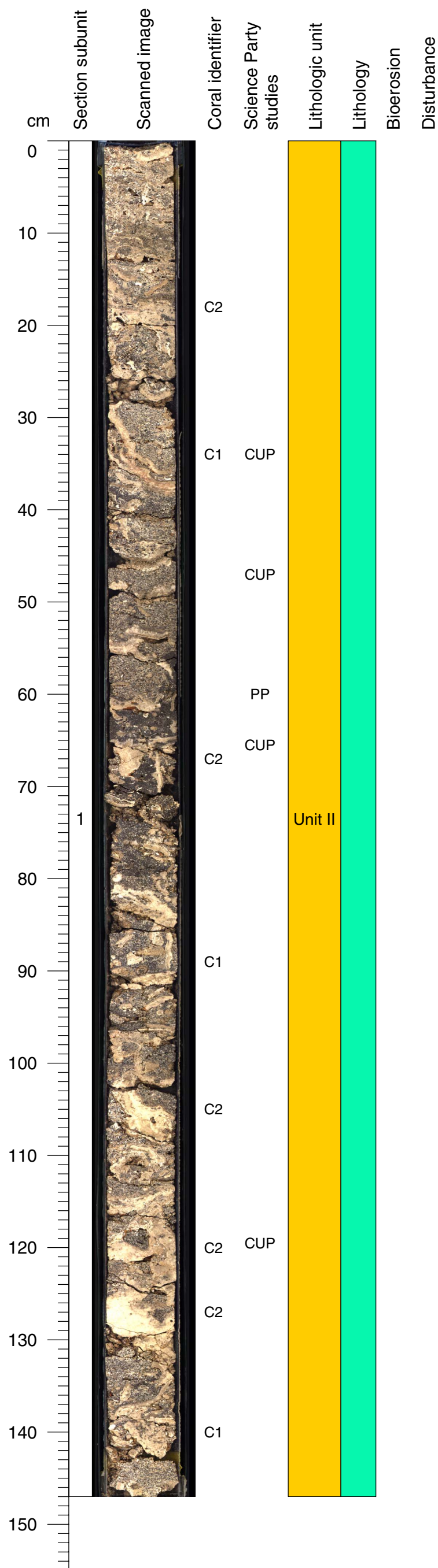
C4=enc Porites

FOSSILS: Acropora - tabular; Porites - encrusting



Core Photo

310-M0005D-34R-1 (Section top: 93.16 mbsf)



UNIT TYPE: Coral framework

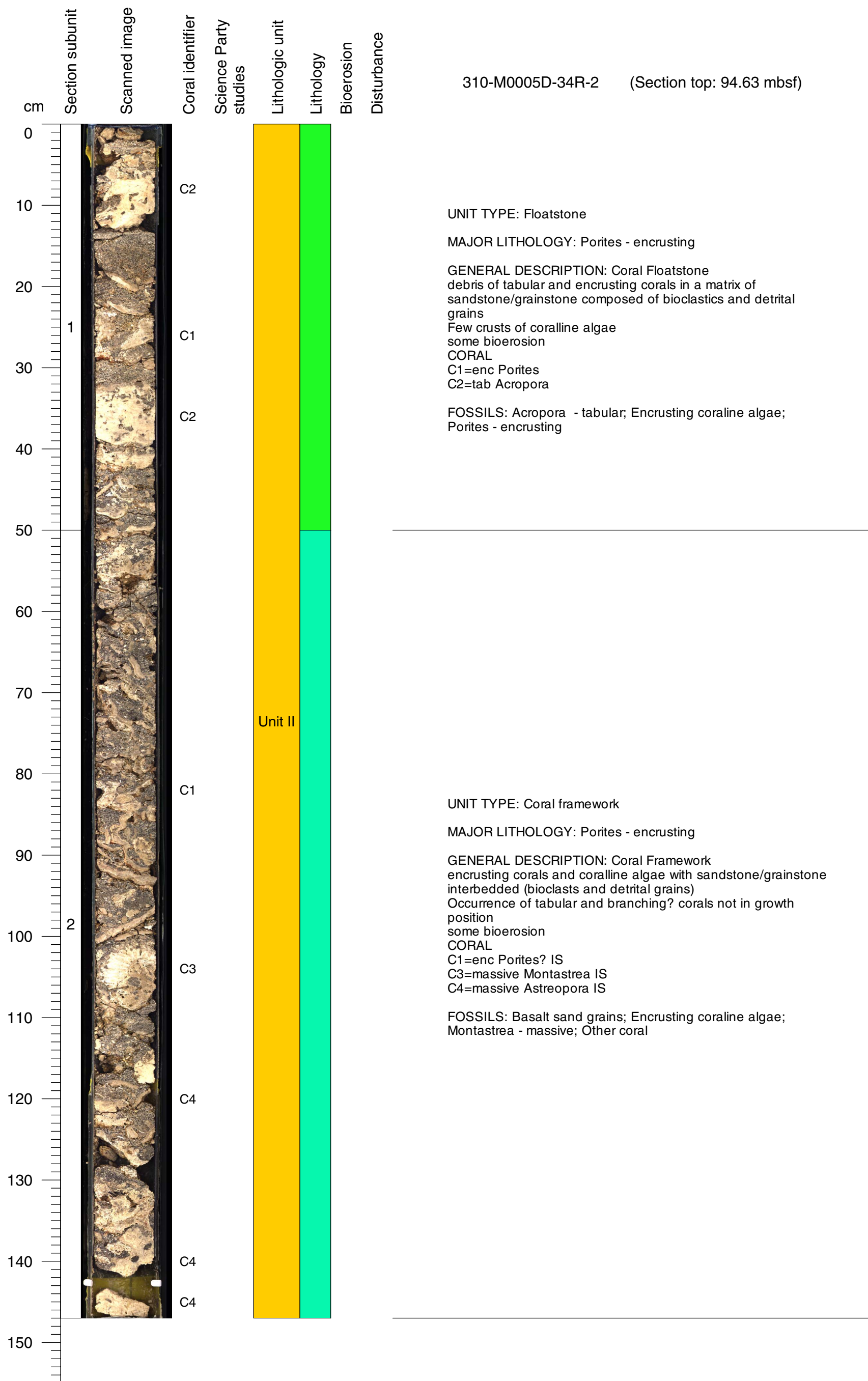
MAJOR LITHOLOGY: Porites - encrusting

GENERAL DESCRIPTION: Cora framework alternating with sandstone
 Succession of encrusting corals in growth position and sandstone (detrital, algal and skeletal grains) unidentified red and green algal fragments
 In some places, occurrences of tabular corals in situ and reworked and massive corals at bottom of core. Although apparently in growth position, they could be reworked
CORAL
 C1=enc Porites? IS
 C2=tab Acropora? IS
 C3=massive Montipora IS
FOSSILS: Acropora - tabular; Basalt sand grains; Montipora - massive; Porites - encrusting
 §Framework assemblage: Acropora gr. danai



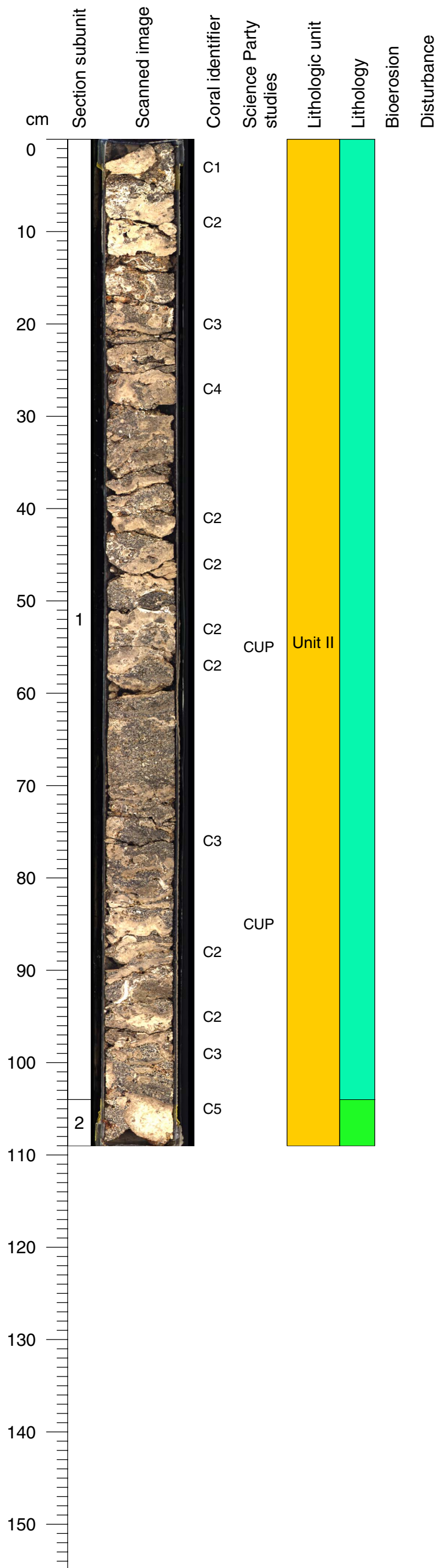
Core Photo

310-M0005D-34R-2 (Section top: 94.63 mbsf)



Core Photo

310-M0005D-35R-1 (Section top: 96.16 mbsf)



UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Acropora - tabular

GENERAL DESCRIPTION: coral framework succession of encrusting corals, tabular corals in growth position and few crusts of coralline algae sandstone/grainstone interbedded: bioclasts and detrital grains occurrence of some branching? corals encrusting coralline algae bioerosion

CORAL:
 C1= massive *Astreopora* IS
 C2=tab *Acropora* IS
 C3=br *Porites* IS
 C4=enc *Porites* IS

FOSSILS: *Acropora* - tabular; Basalt sand grains; Encrusting coralline algae; Other coral; *Porites* - branching ; *Porites* - encrusting

UNIT TYPE: Floatstone

MAJOR LITHOLOGY: *Acropora* - tabular

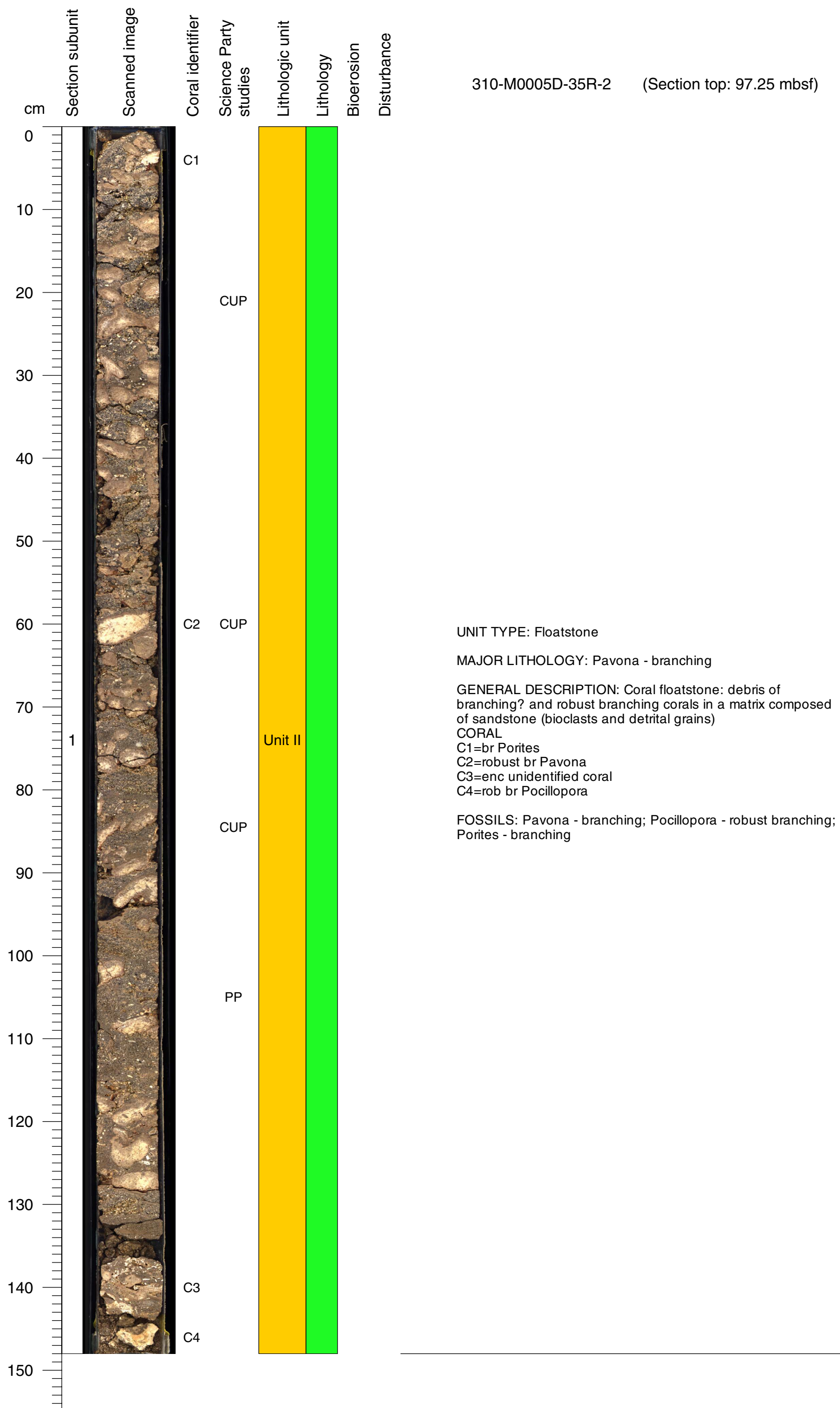
GENERAL DESCRIPTION: coral Floatstone debris of tabular corals in a matrix of grainstone/sandstone

CORAL
 C5=tabular *Acropora*

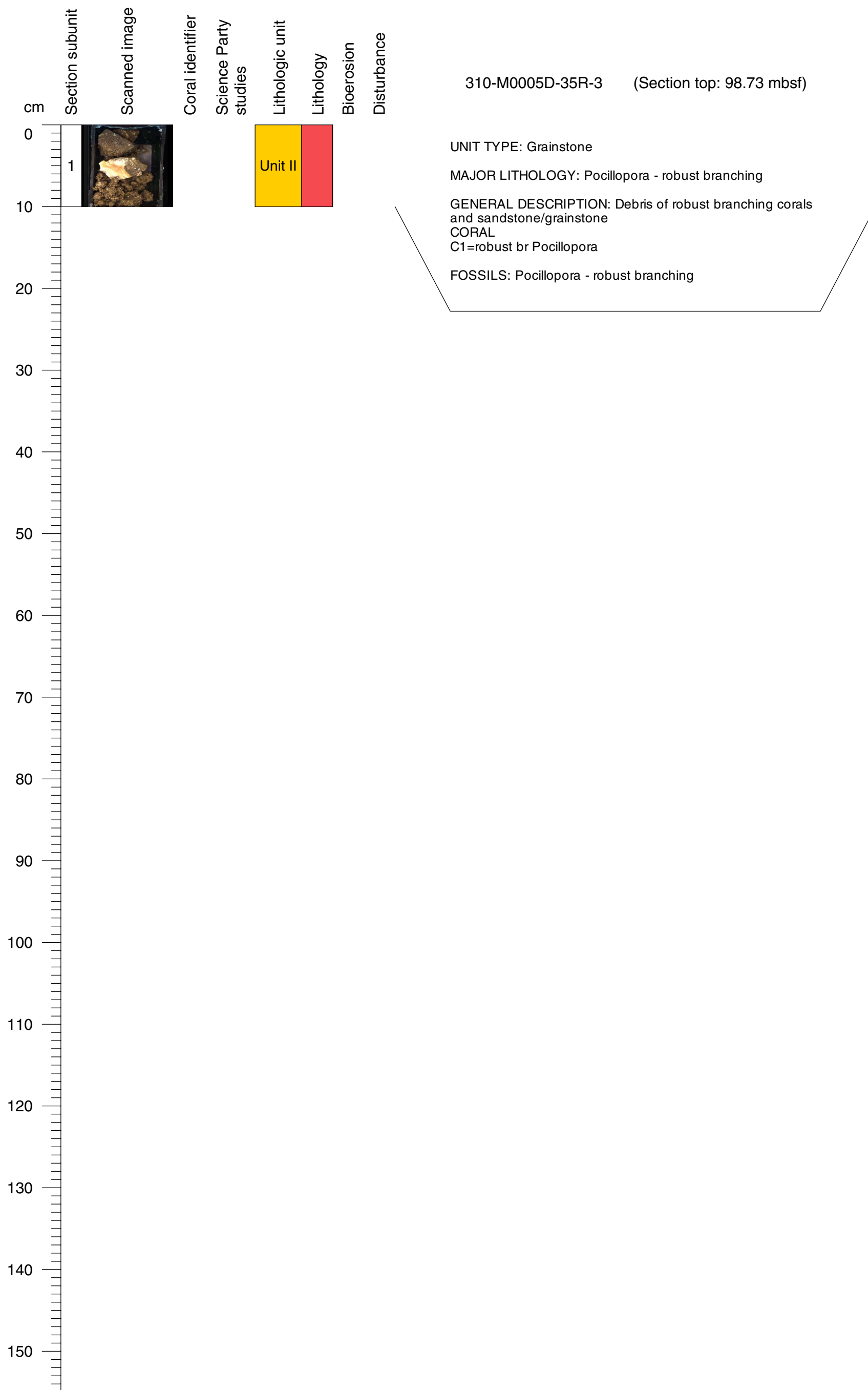
FOSSILS: *Acropora* - tabular

Core Photo

310-M0005D-35R-2 (Section top: 97.25 mbsf)

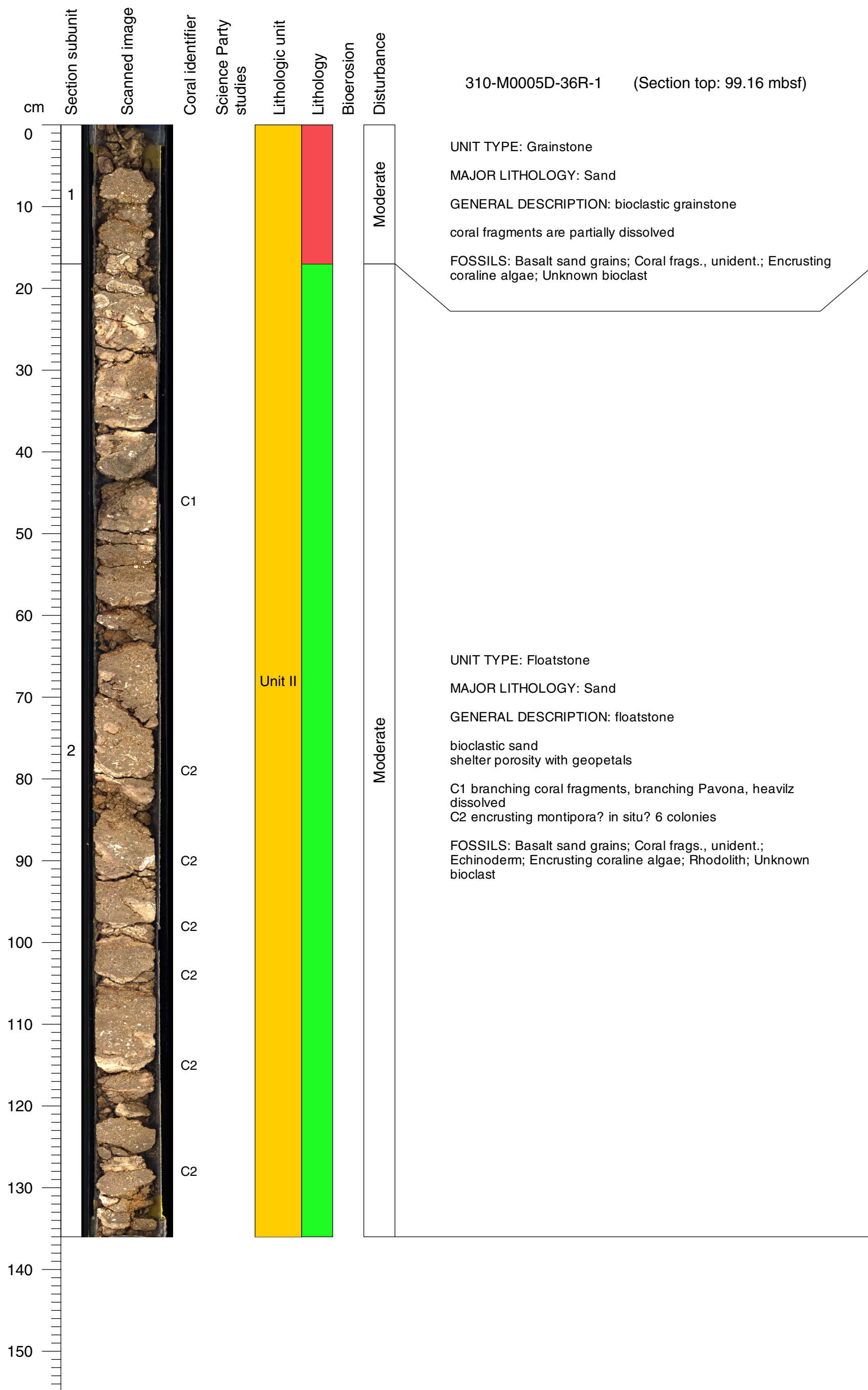


Core Photo



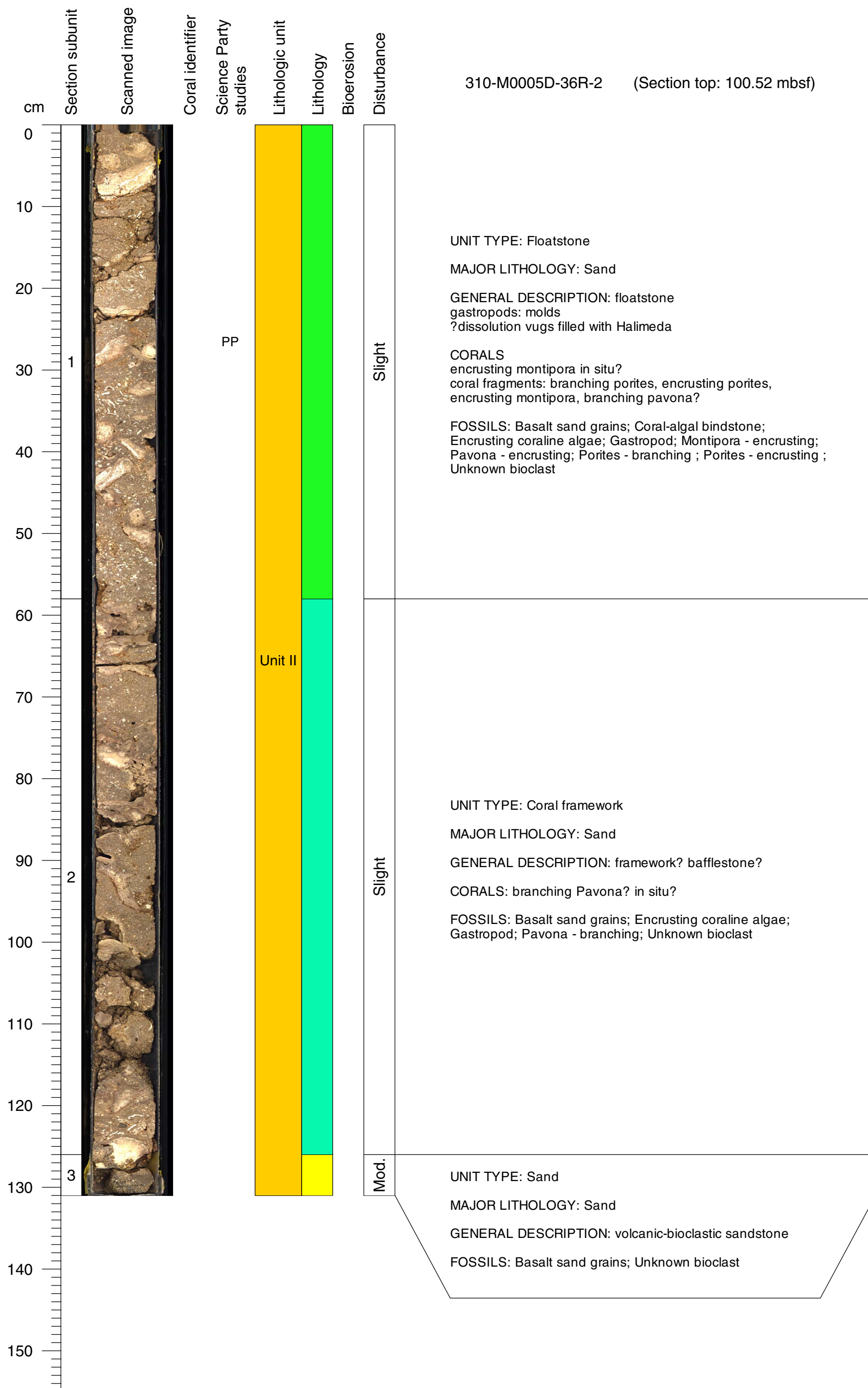
Core Photo

310-M0005D-36R-1 (Section top: 99.16 mbsf)

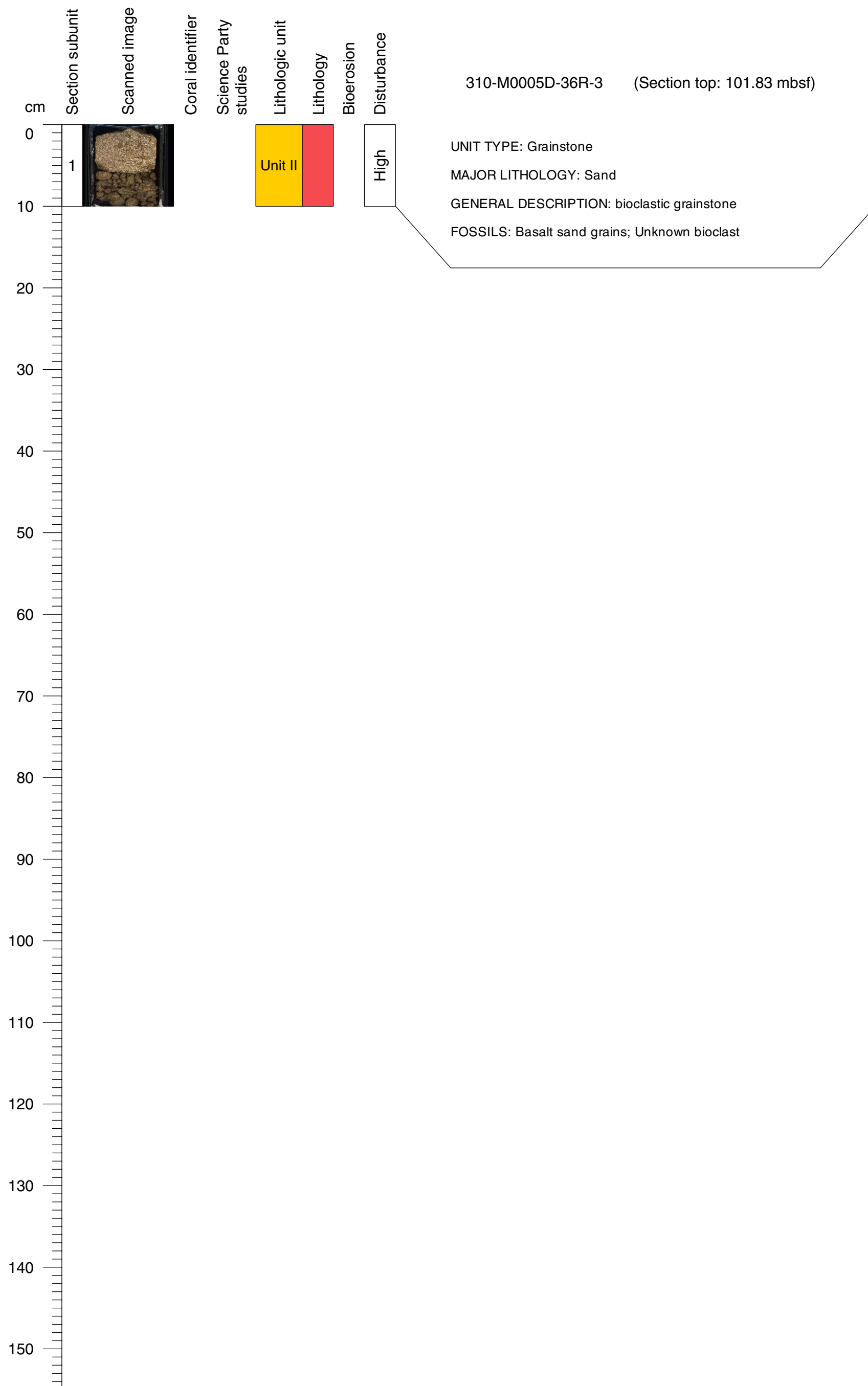


Core Photo

310-M0005D-36R-2 (Section top: 100.52 mbsf)

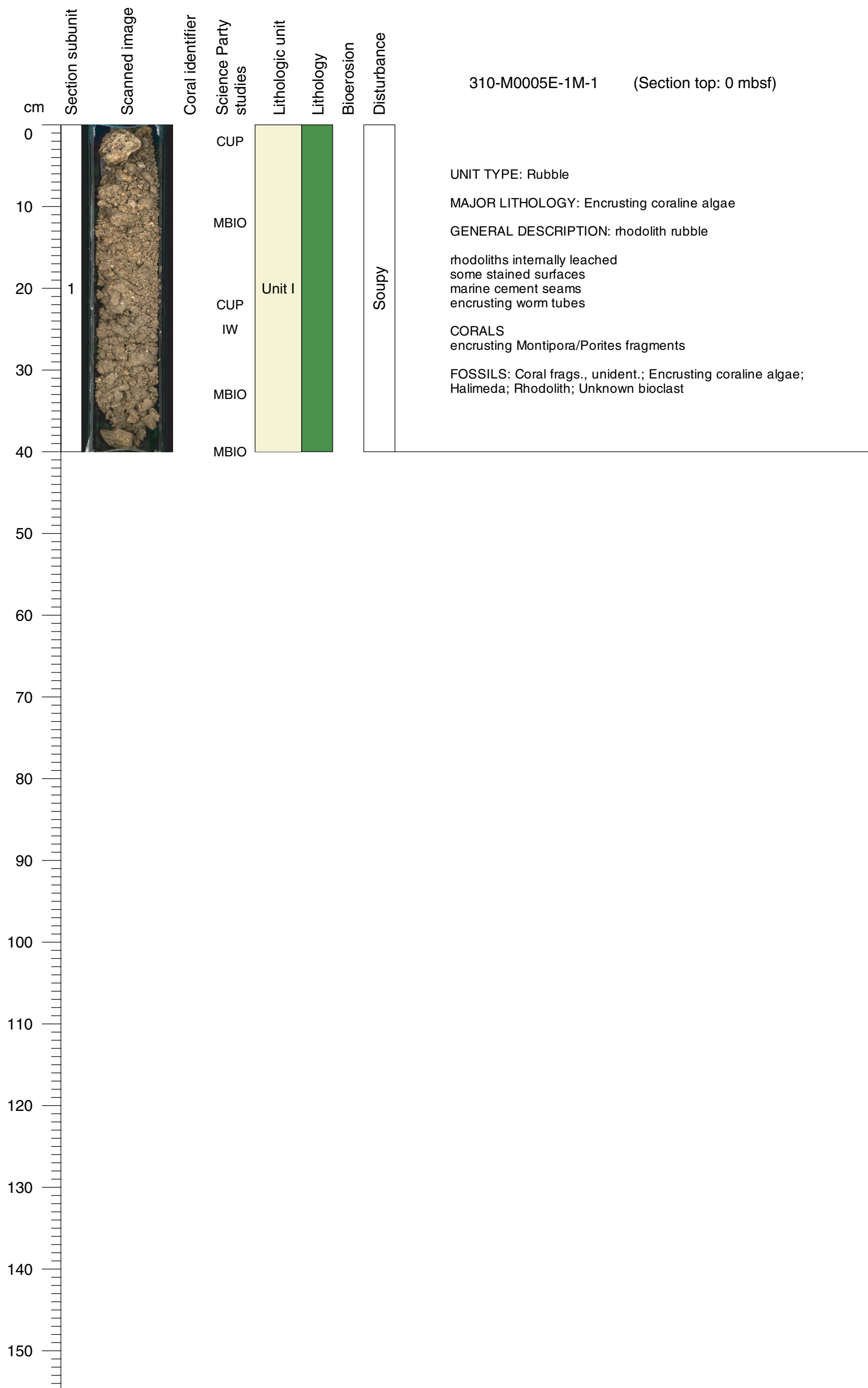


Core Photo



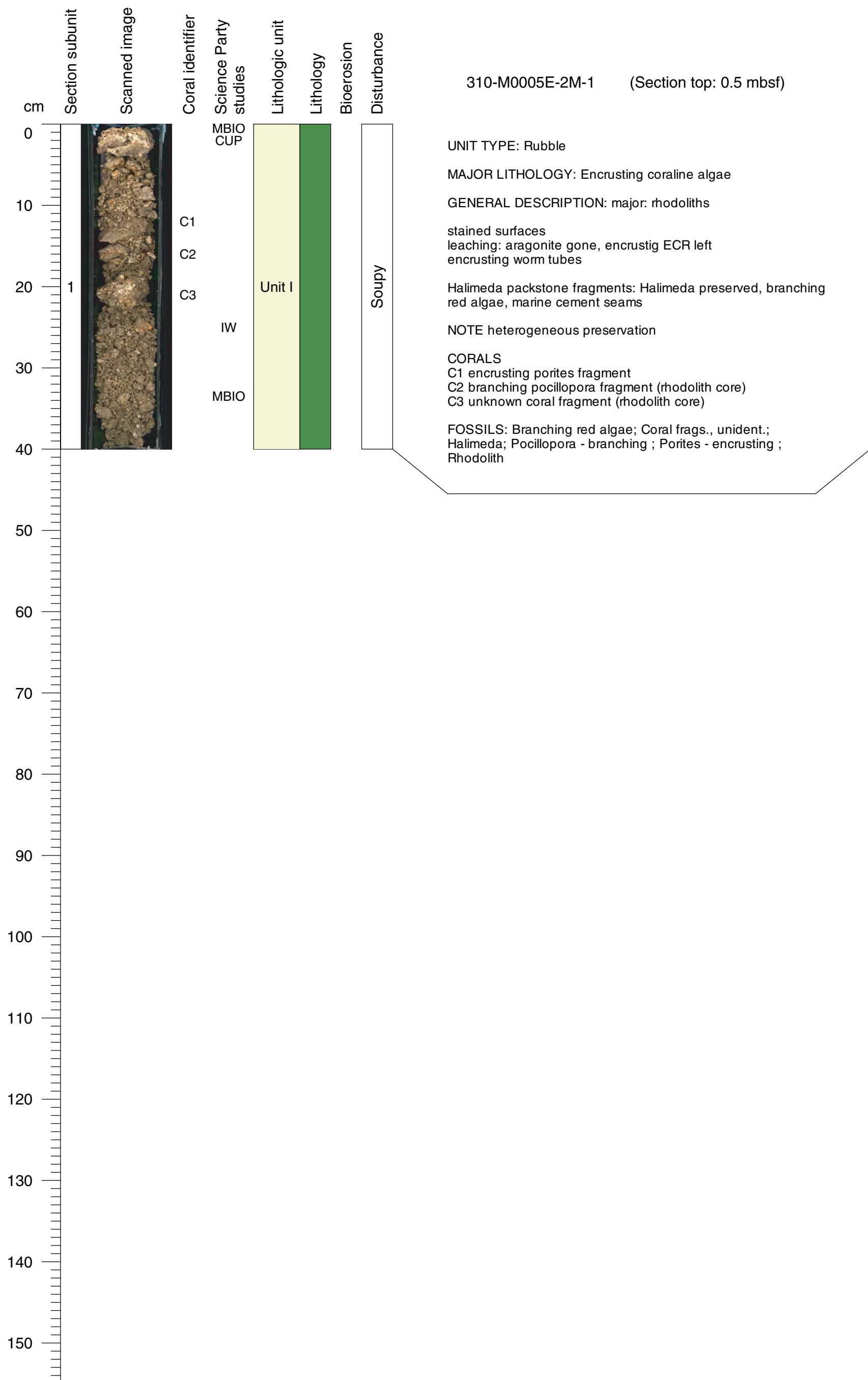
Core Photo

310-M0005E-1M-1 (Section top: 0 mbsf)



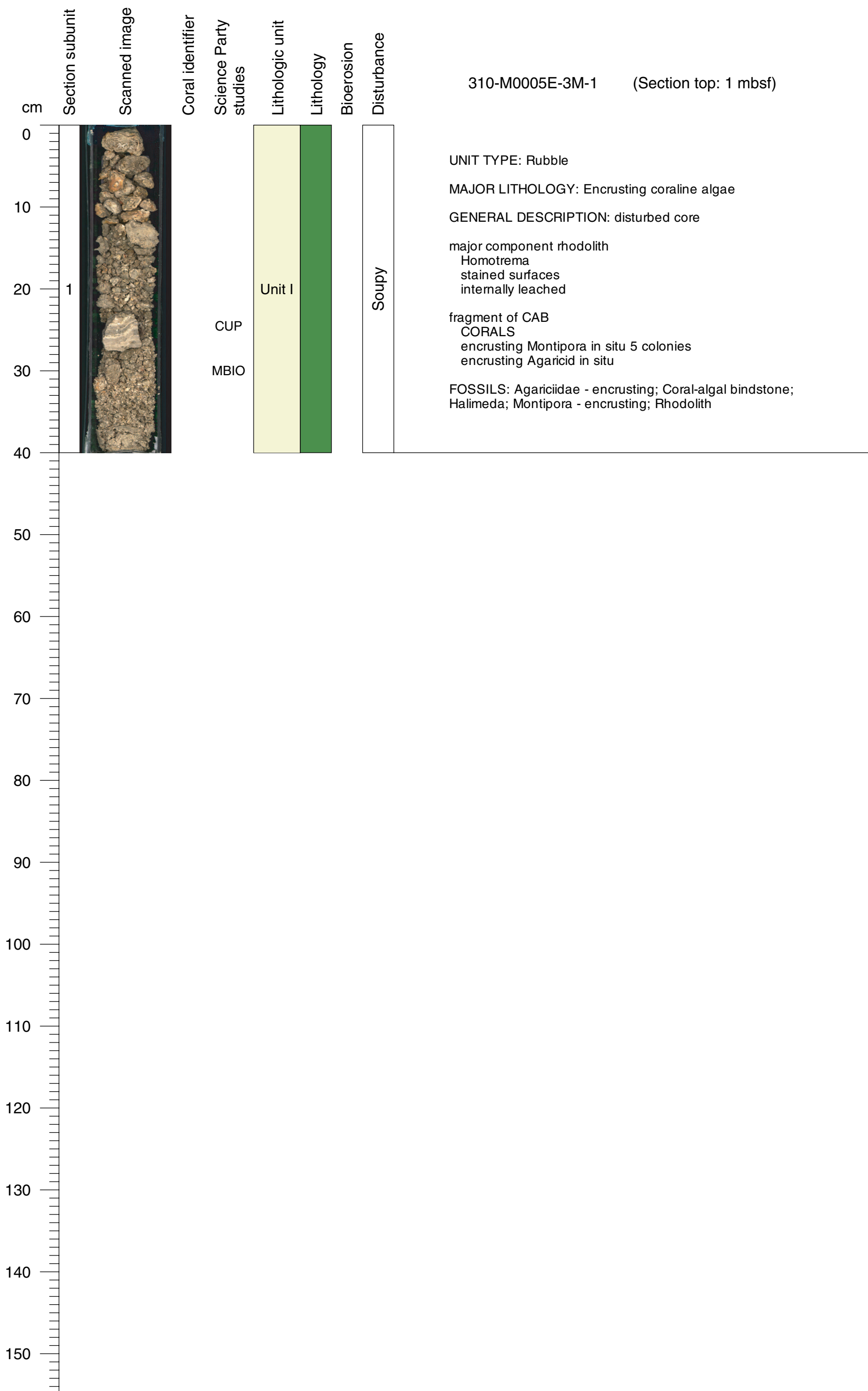
Core Photo

310-M0005E-2M-1 (Section top: 0.5 mbsf)



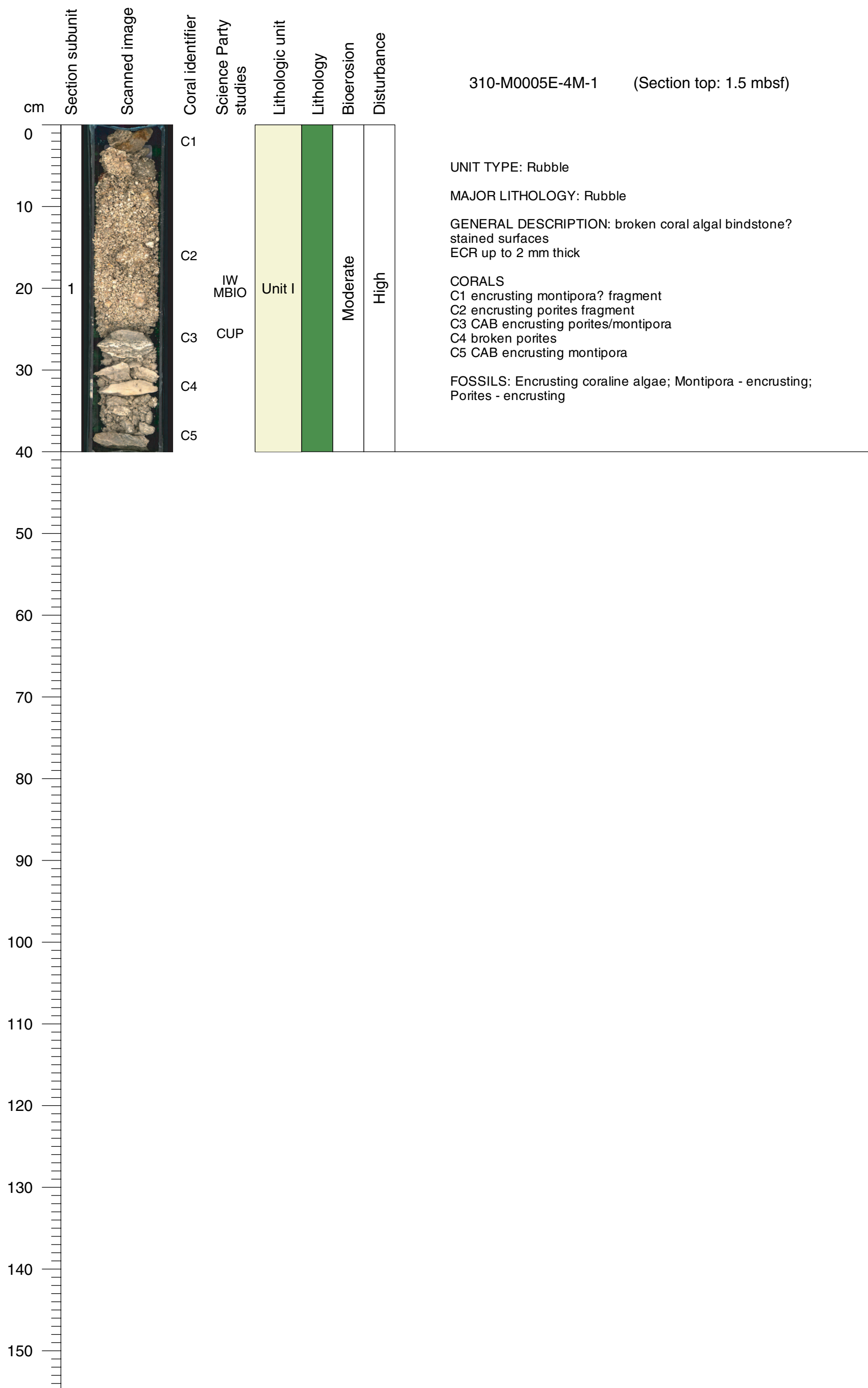
Core Photo

310-M0005E-3M-1 (Section top: 1 mbsf)

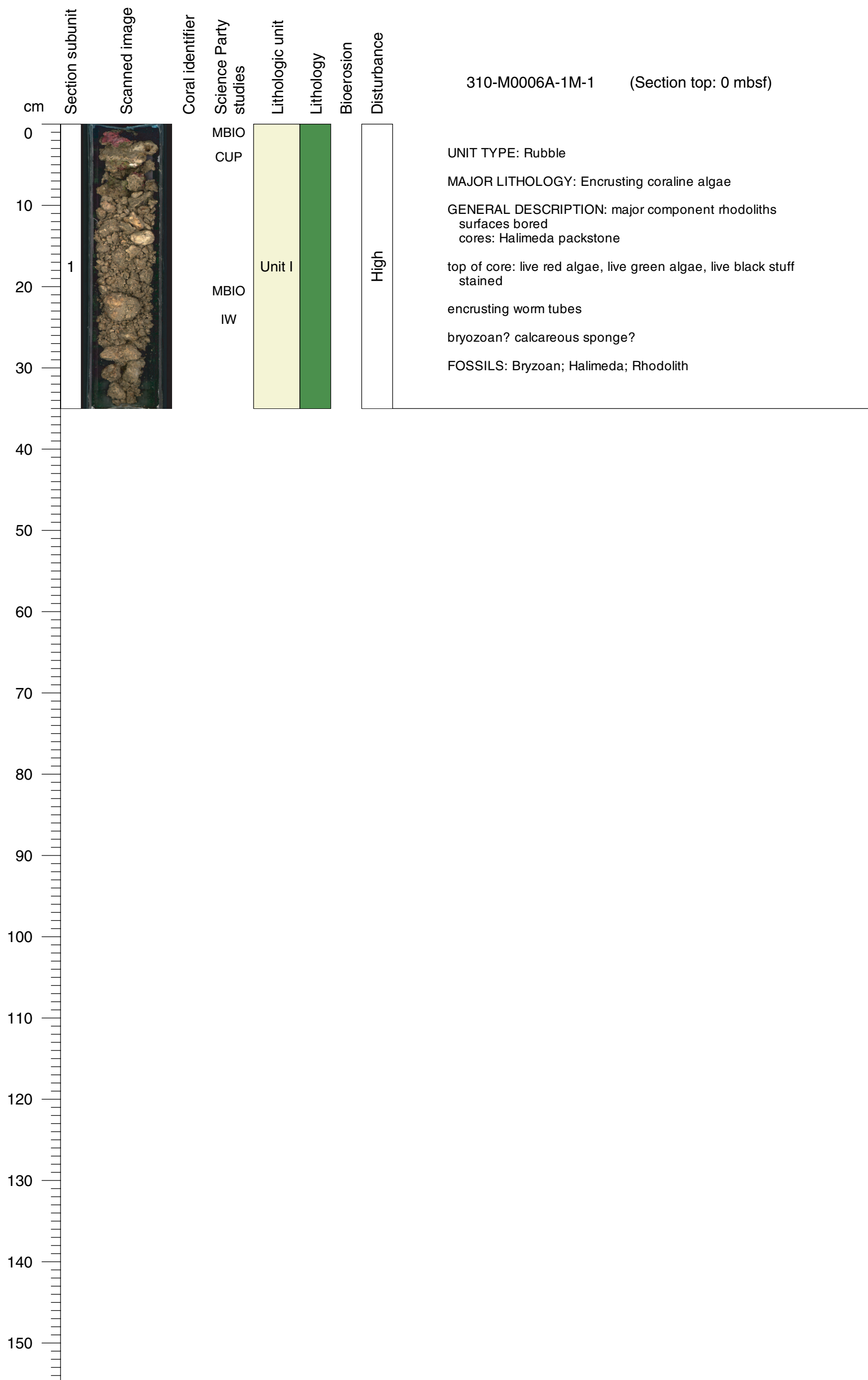


Core Photo

310-M0005E-4M-1 (Section top: 1.5 mbsf)

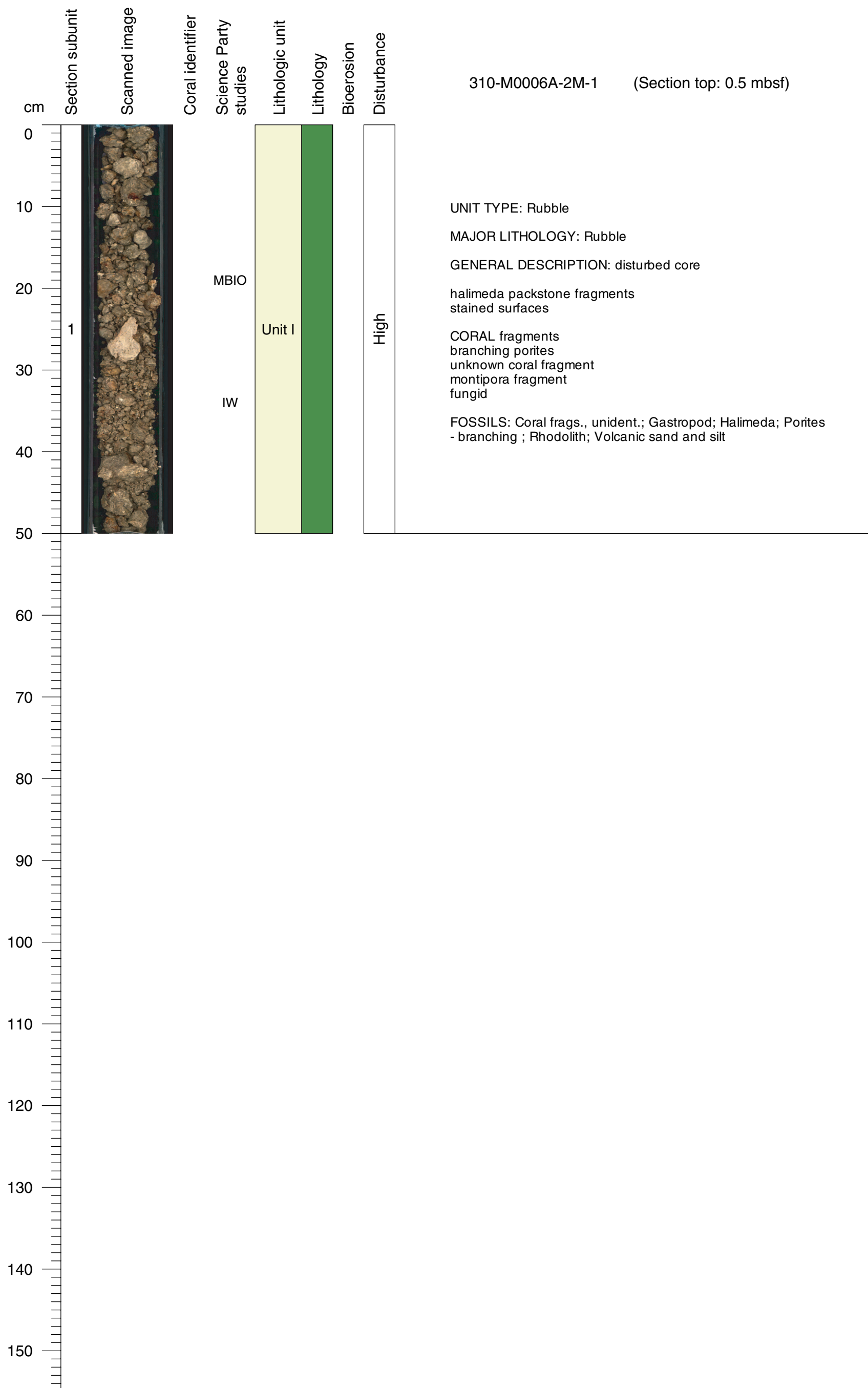


Core Photo



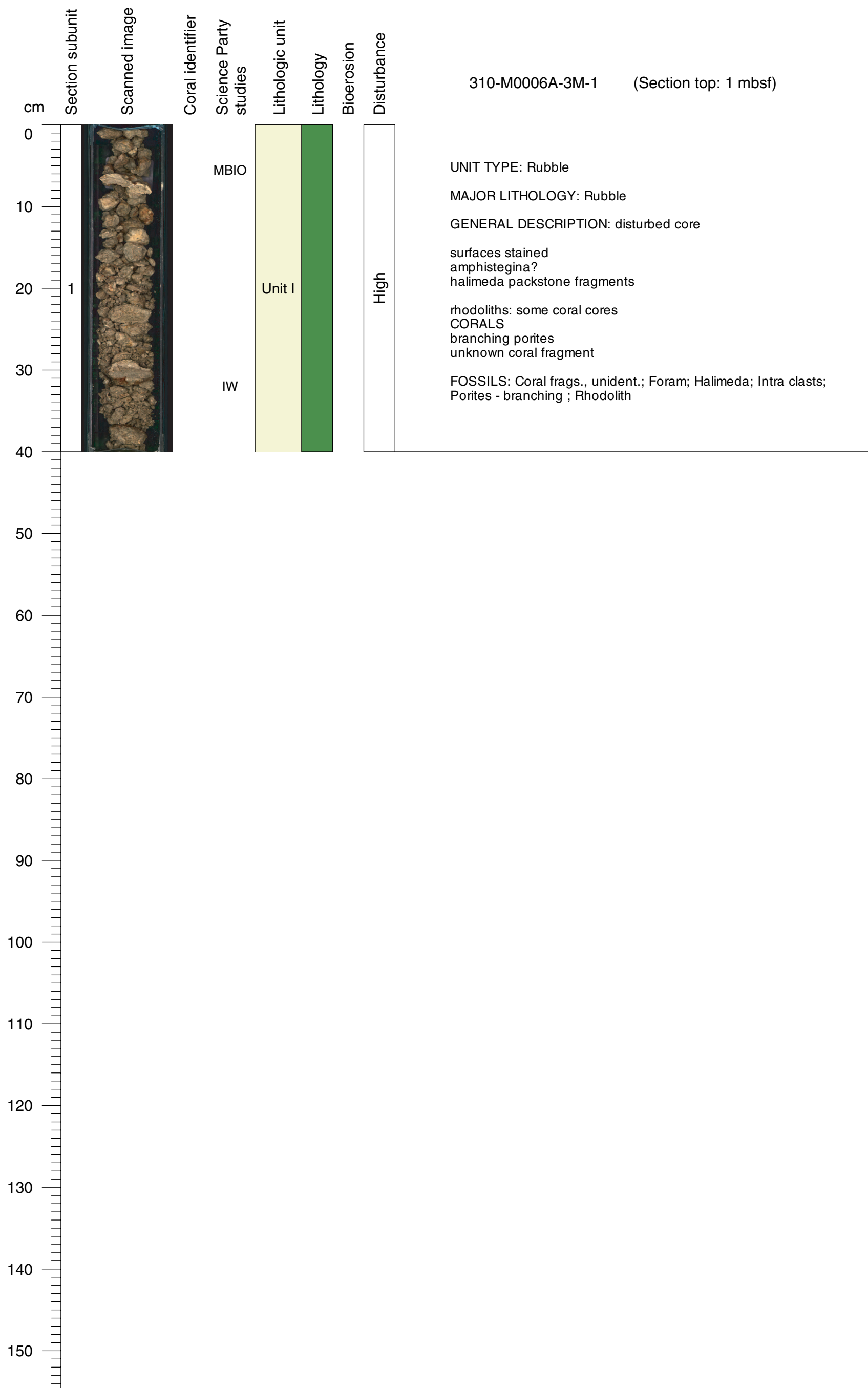
Core Photo

310-M0006A-2M-1 (Section top: 0.5 mbsf)

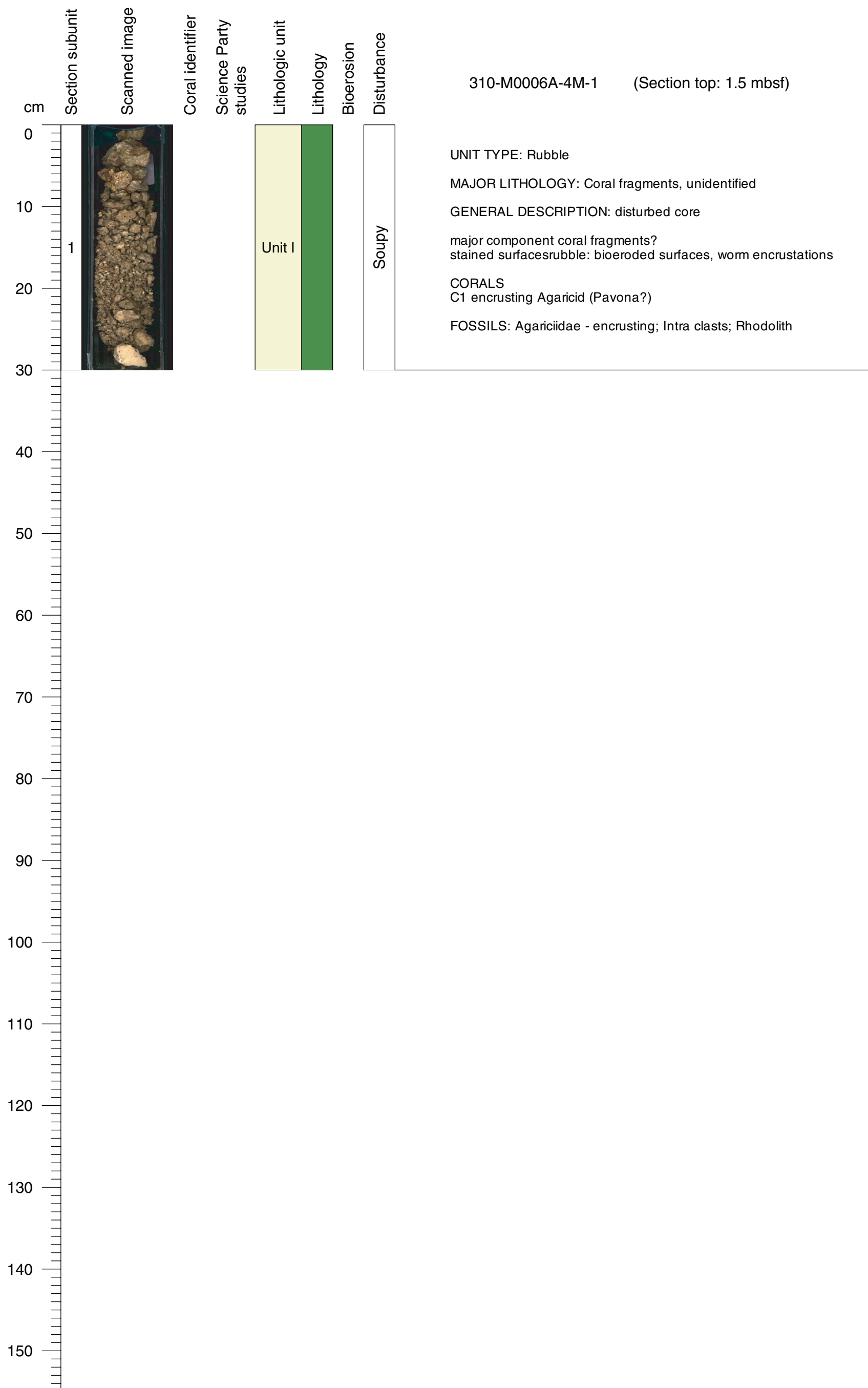


Core Photo

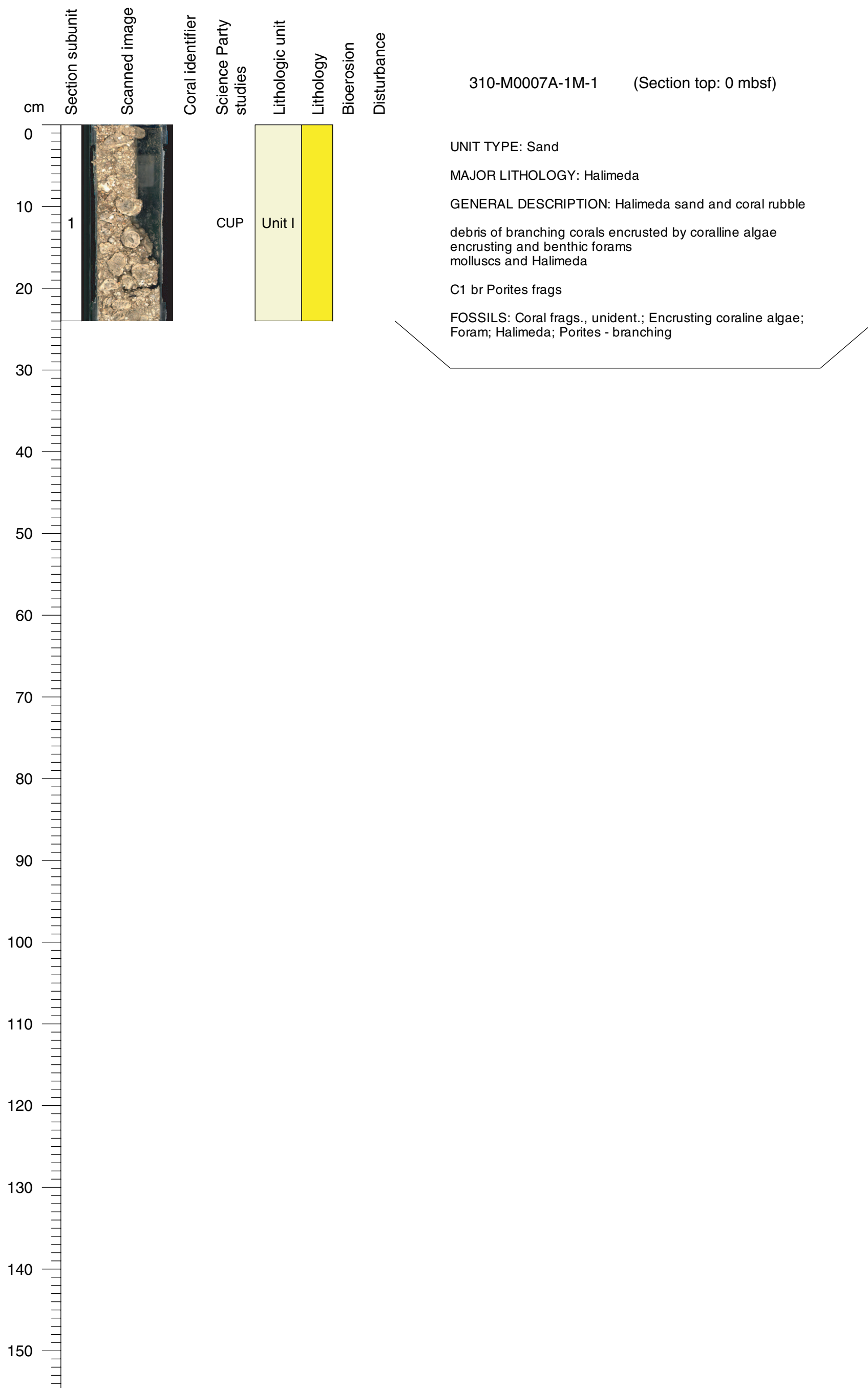
310-M0006A-3M-1 (Section top: 1 mbsf)



Core Photo

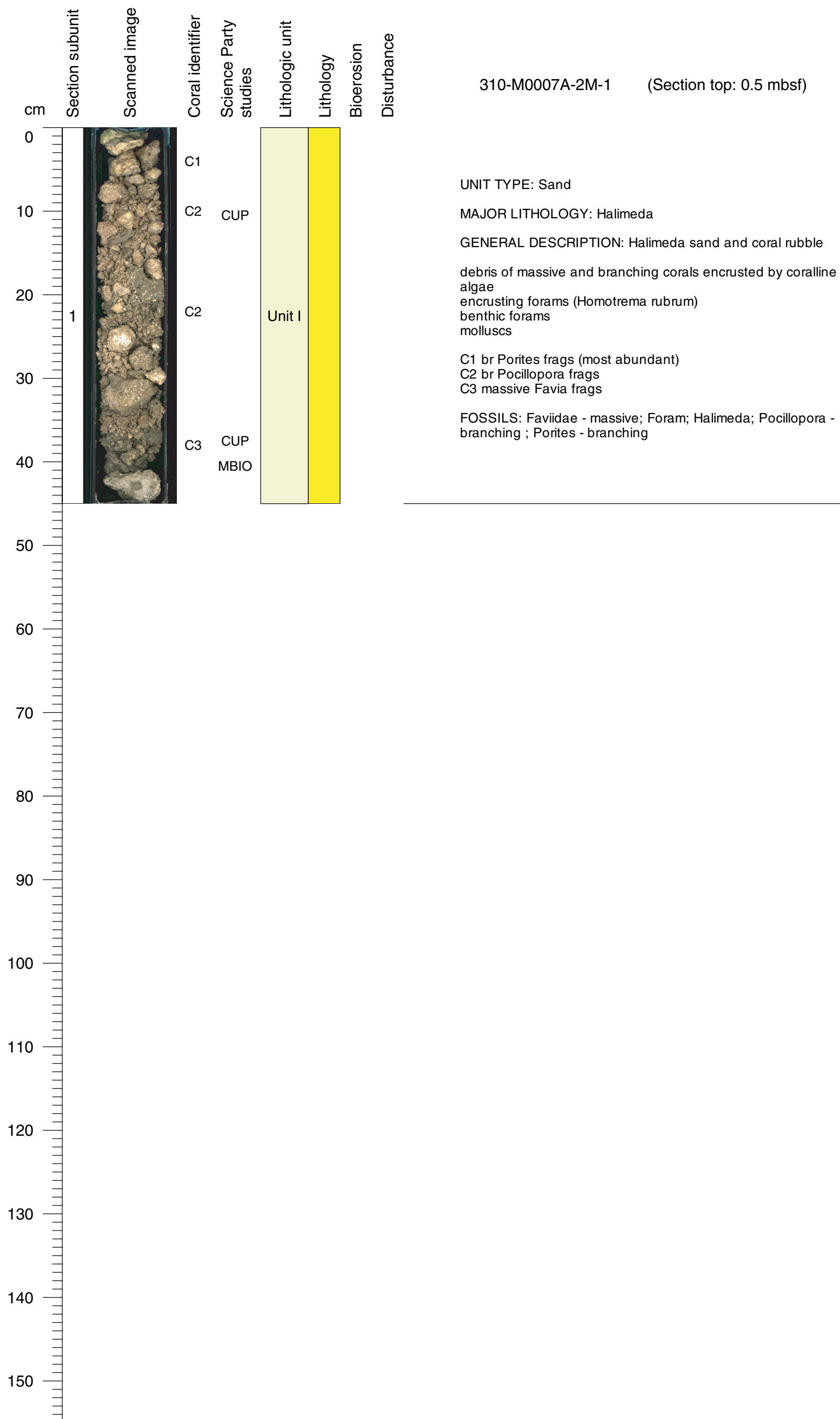


Core Photo

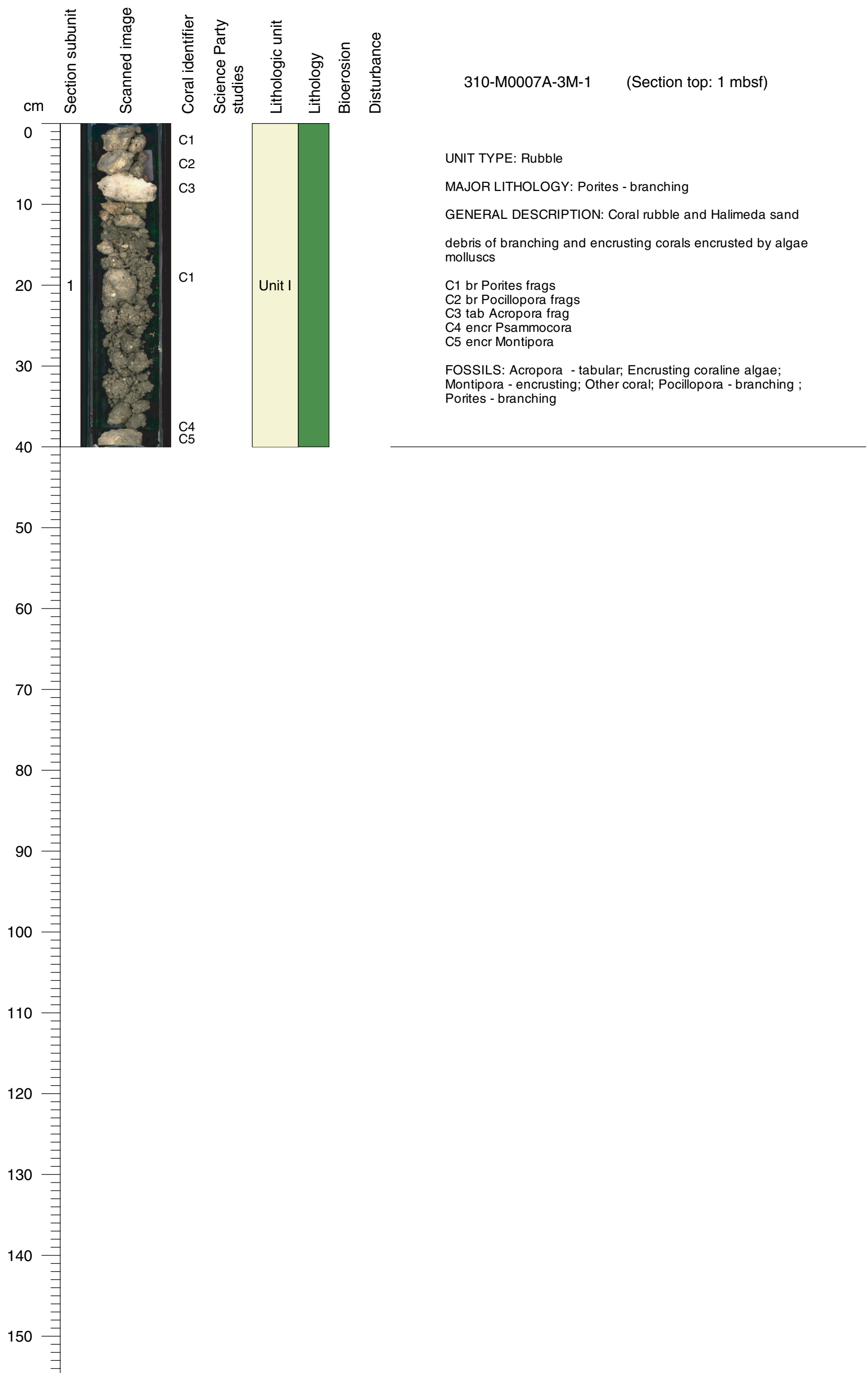


Core Photo

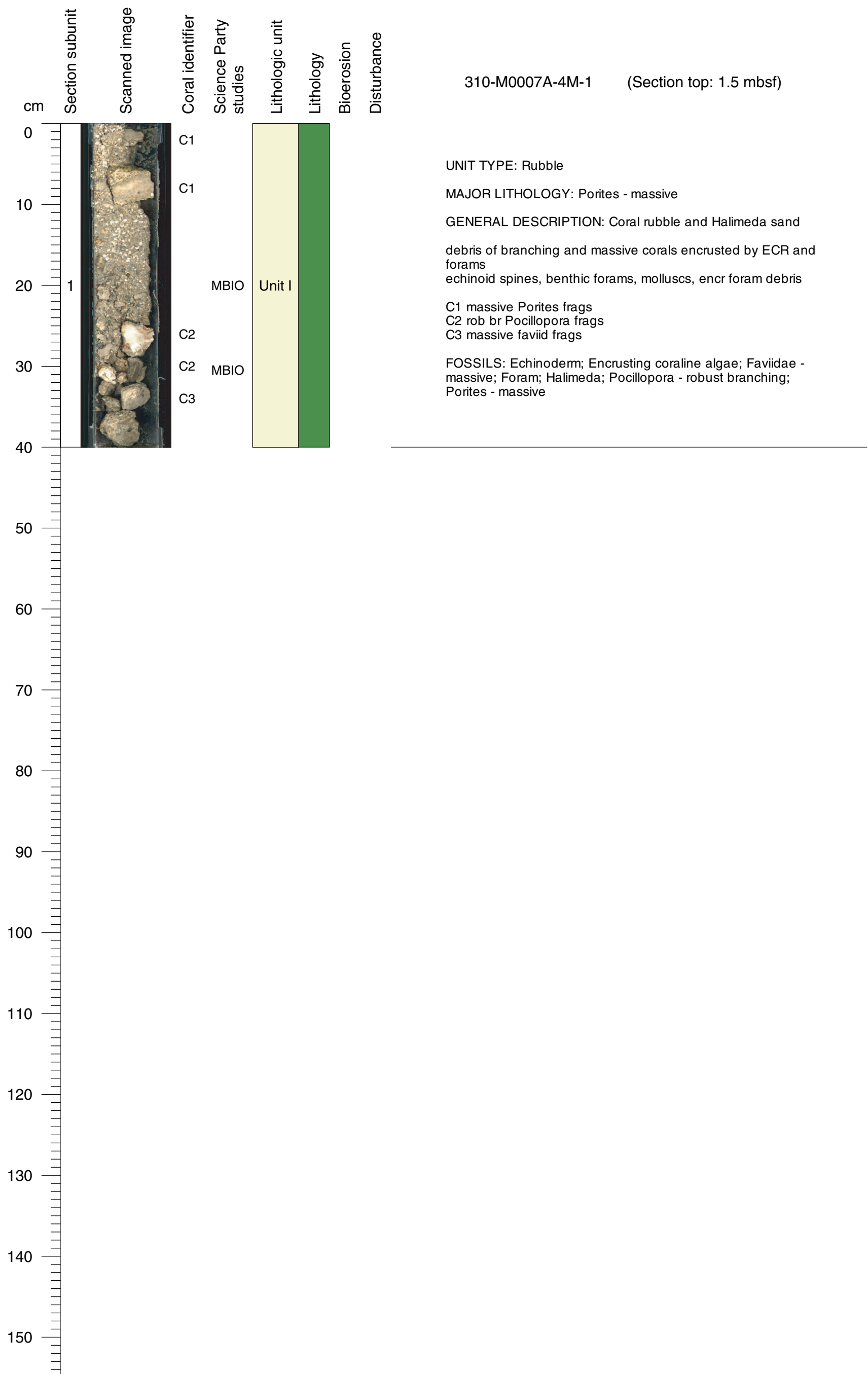
310-M0007A-2M-1 (Section top: 0.5 mbsf)



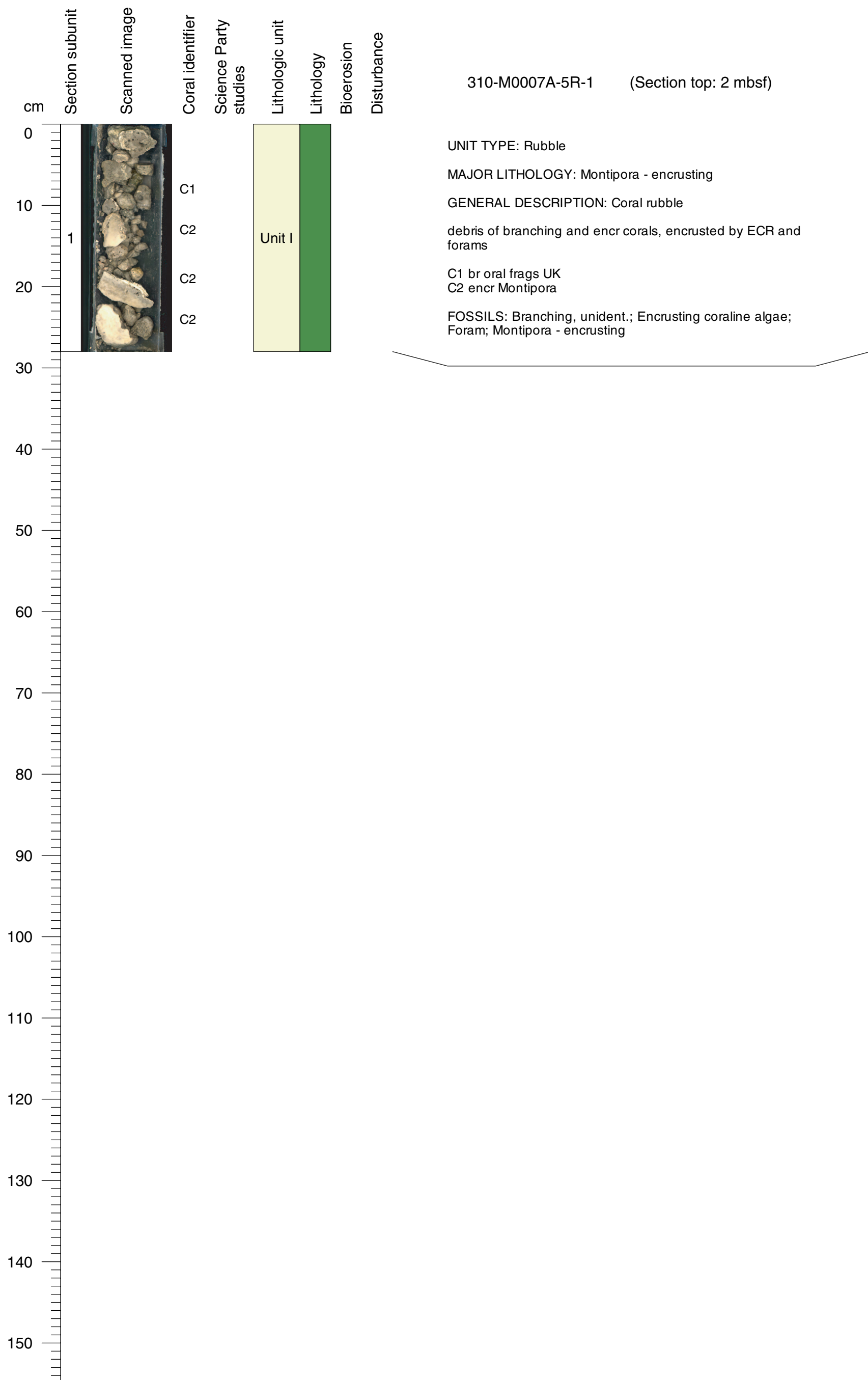
Core Photo



Core Photo

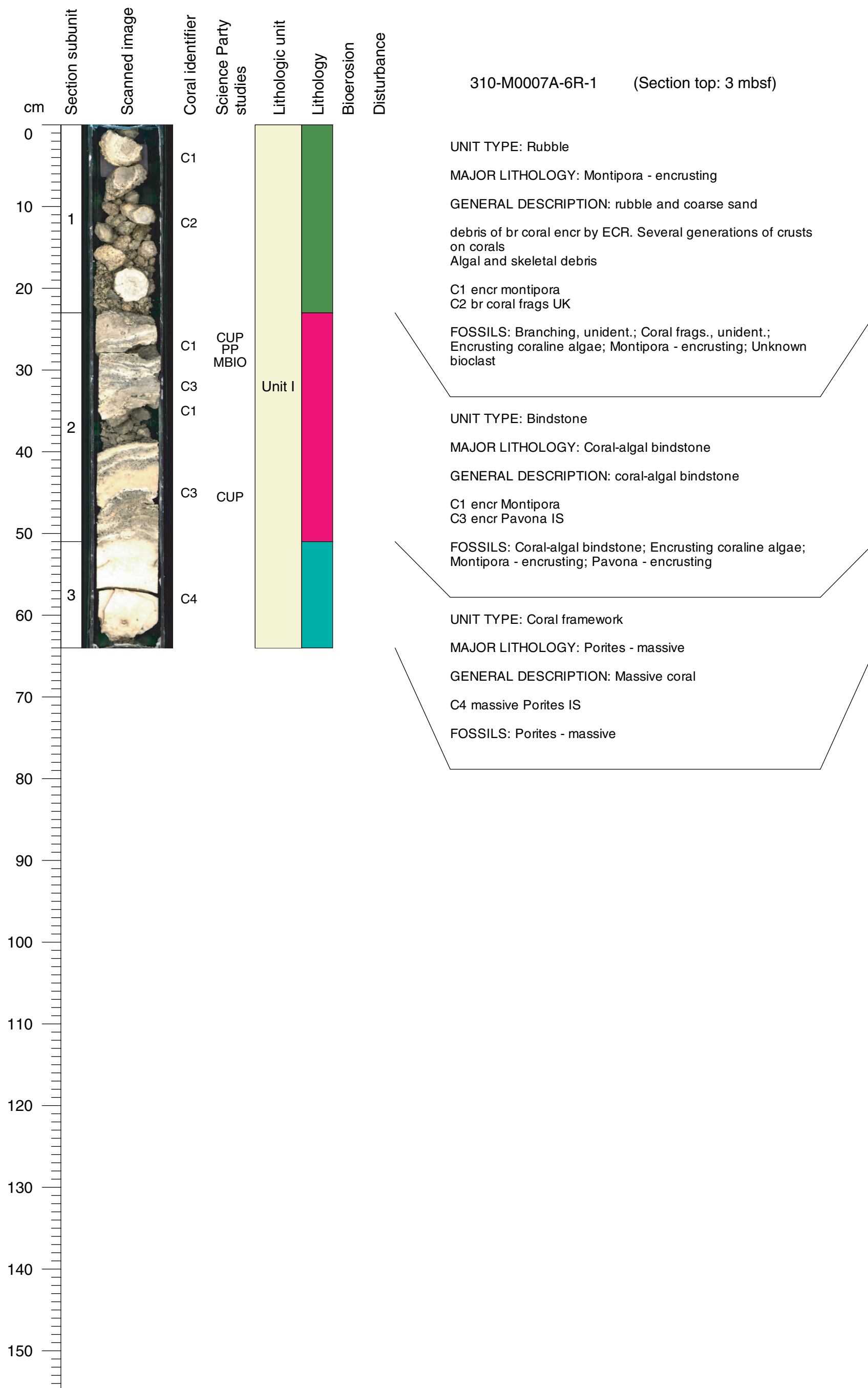


Core Photo



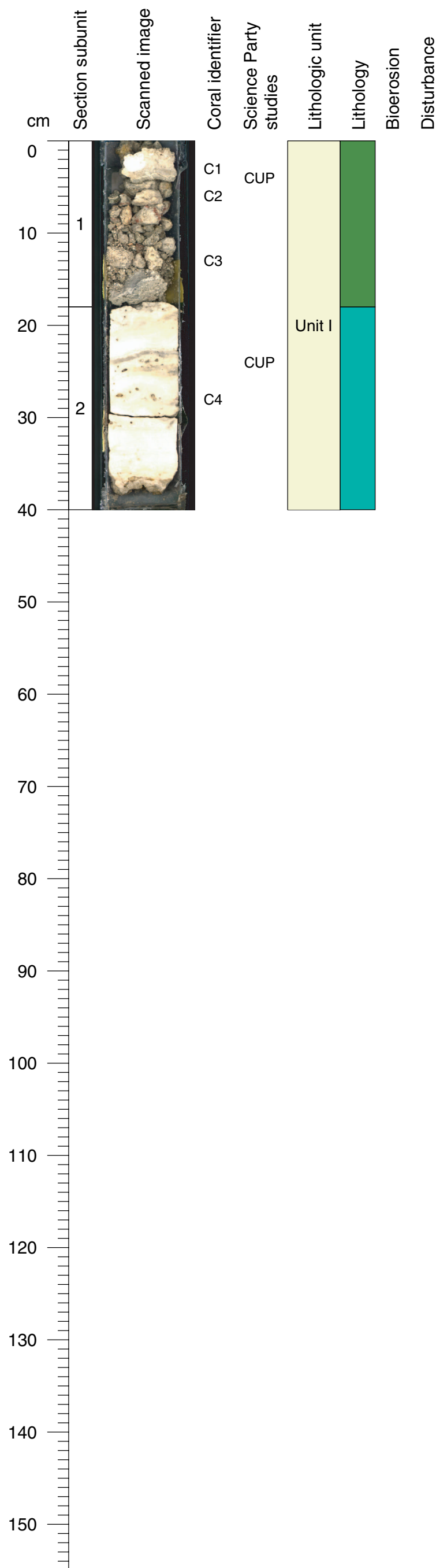
Core Photo

310-M0007A-6R-1 (Section top: 3 mbsf)



Core Photo

310-M0007A-7R-1 (Section top: 3.49 mbsf)



UNIT TYPE: Rubble

MAJOR LITHOLOGY: Pocillopora - branching

GENERAL DESCRIPTION: Coral rubble

debris consisting of br and encr coral, algae, forams

C1 encr Montipora
C2 br Porites frag
C3 br Pocillopora frag

FOSSILS: Encrusting coralline algae; Foram; Montipora - encrusting; Pocillopora - branching ; Porites - branching

UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Porites - massive

GENERAL DESCRIPTION: Massive corals

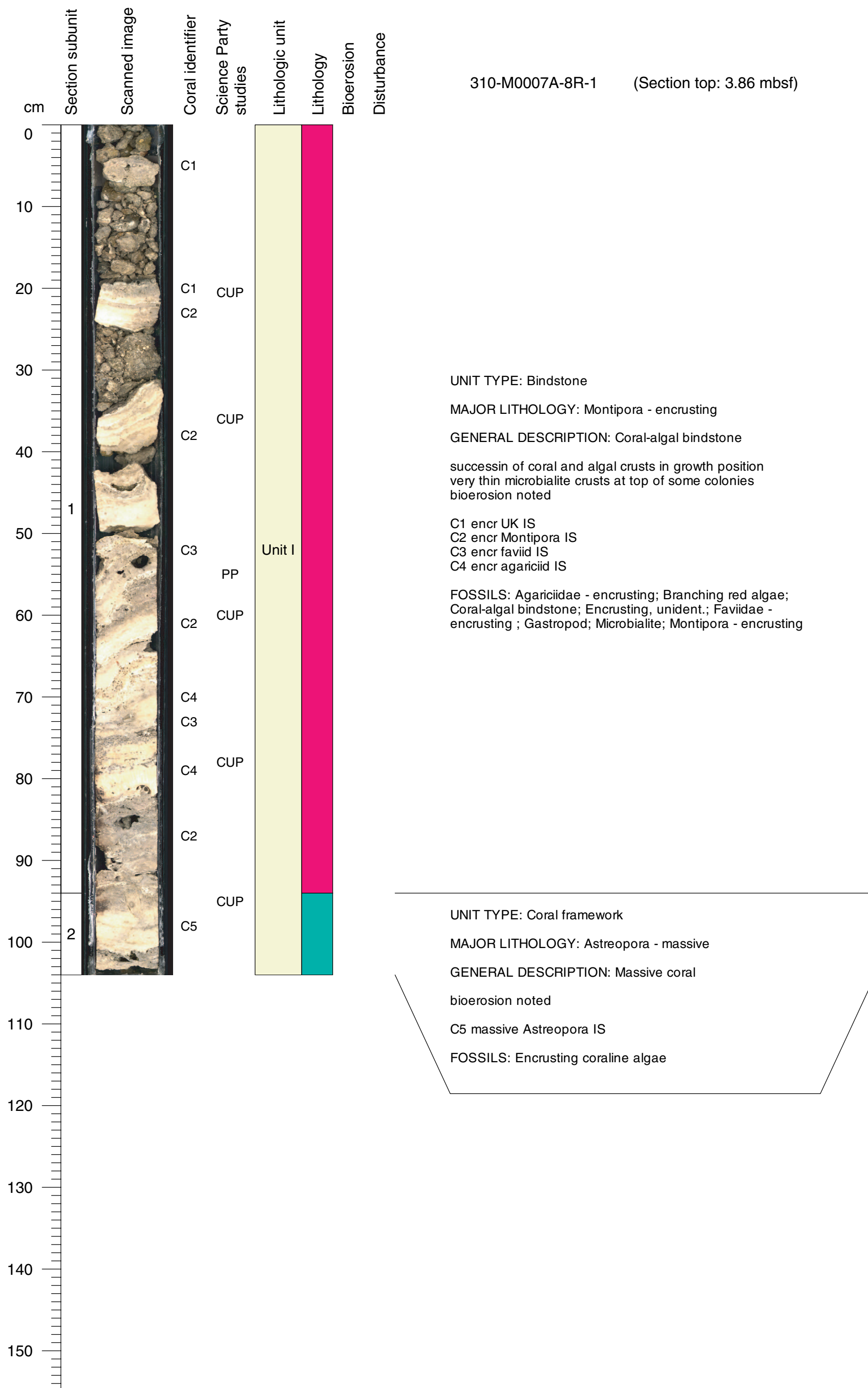
bioerosion noted

C4 massive Porites IS

FOSSILS: Encrusting coralline algae; Porites - massive

Core Photo

310-M0007A-8R-1 (Section top: 3.86 mbsf)



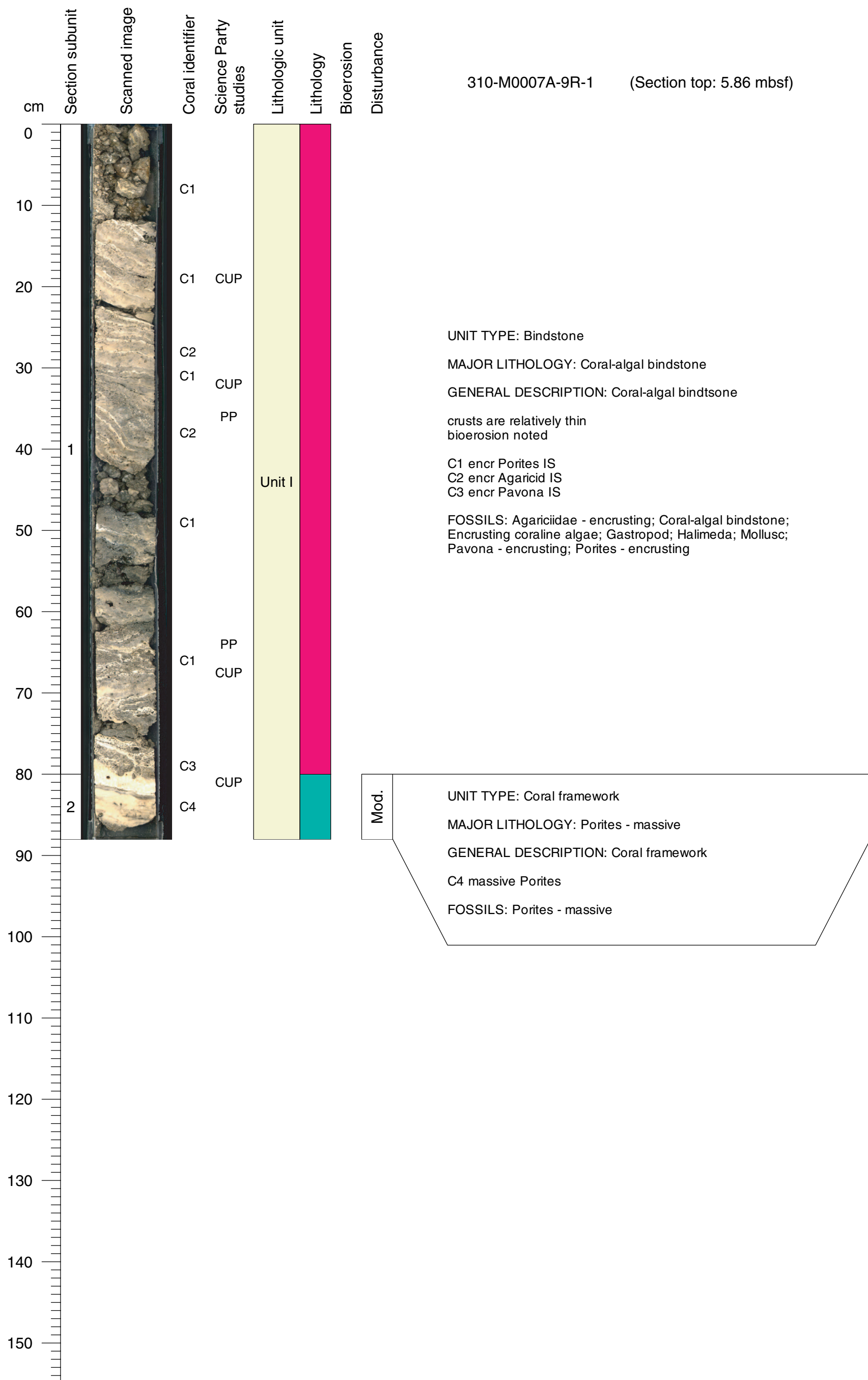
UNIT TYPE: Bindstone
 MAJOR LITHOLOGY: Montipora - encrusting
 GENERAL DESCRIPTION: Coral-algal bindstone
 successin of coral and algal crusts in growth position
 very thin microbialite crusts at top of some colonies
 bioerosion noted
 C1 encr UK IS
 C2 encr Montipora IS
 C3 encr faviid IS
 C4 encr agariciid IS
 FOSSILS: Agariciidae - encrusting; Branching red algae;
 Coral-algal bindstone; Encrusting, unident.; Faviidae -
 encrusting ; Gastropod; Microbialite; Montipora - encrusting

UNIT TYPE: Coral framework
 MAJOR LITHOLOGY: Astreopora - massive
 GENERAL DESCRIPTION: Massive coral
 bioerosion noted
 C5 massive Astreopora IS
 FOSSILS: Encrusting coraline algae

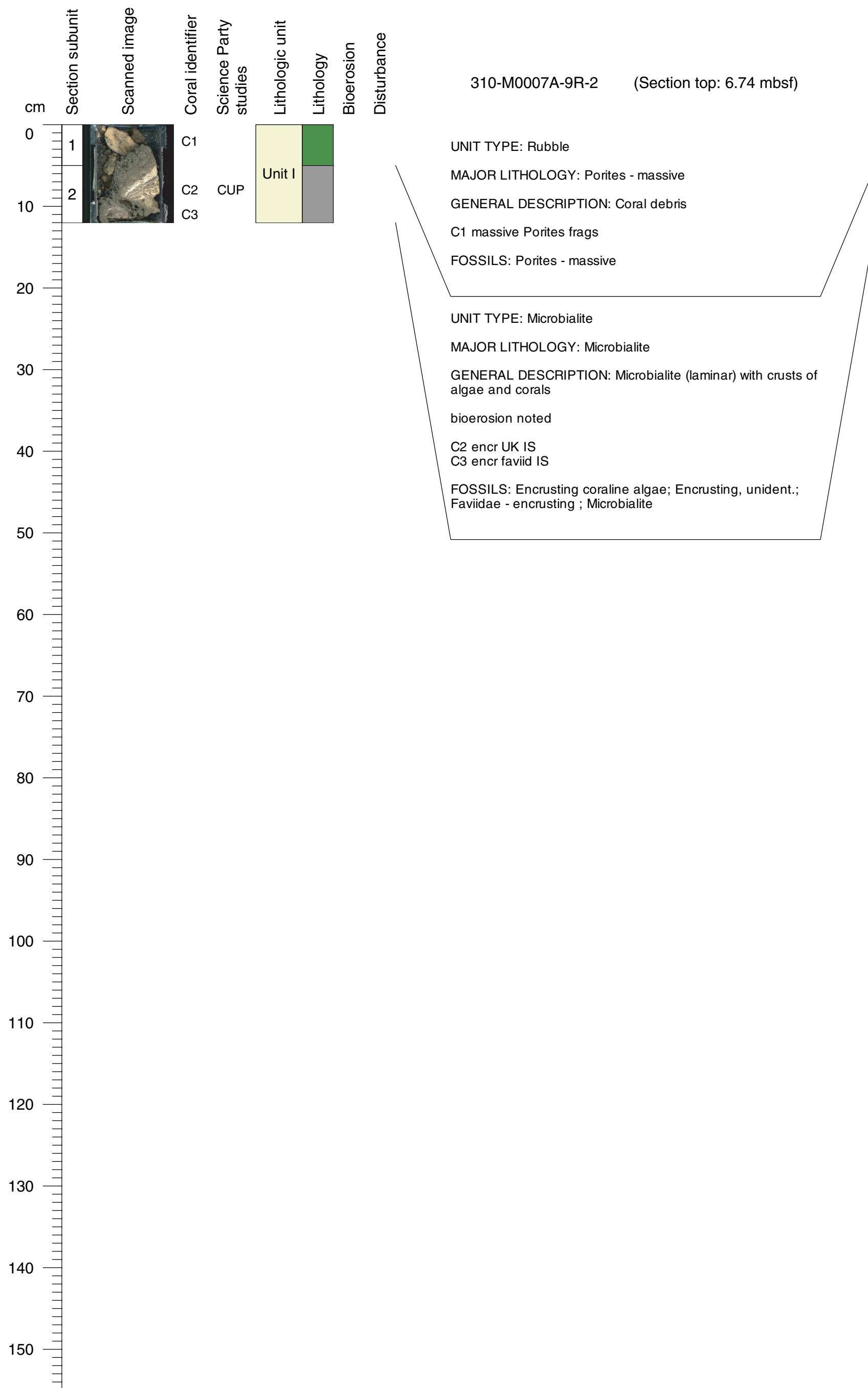


Core Photo

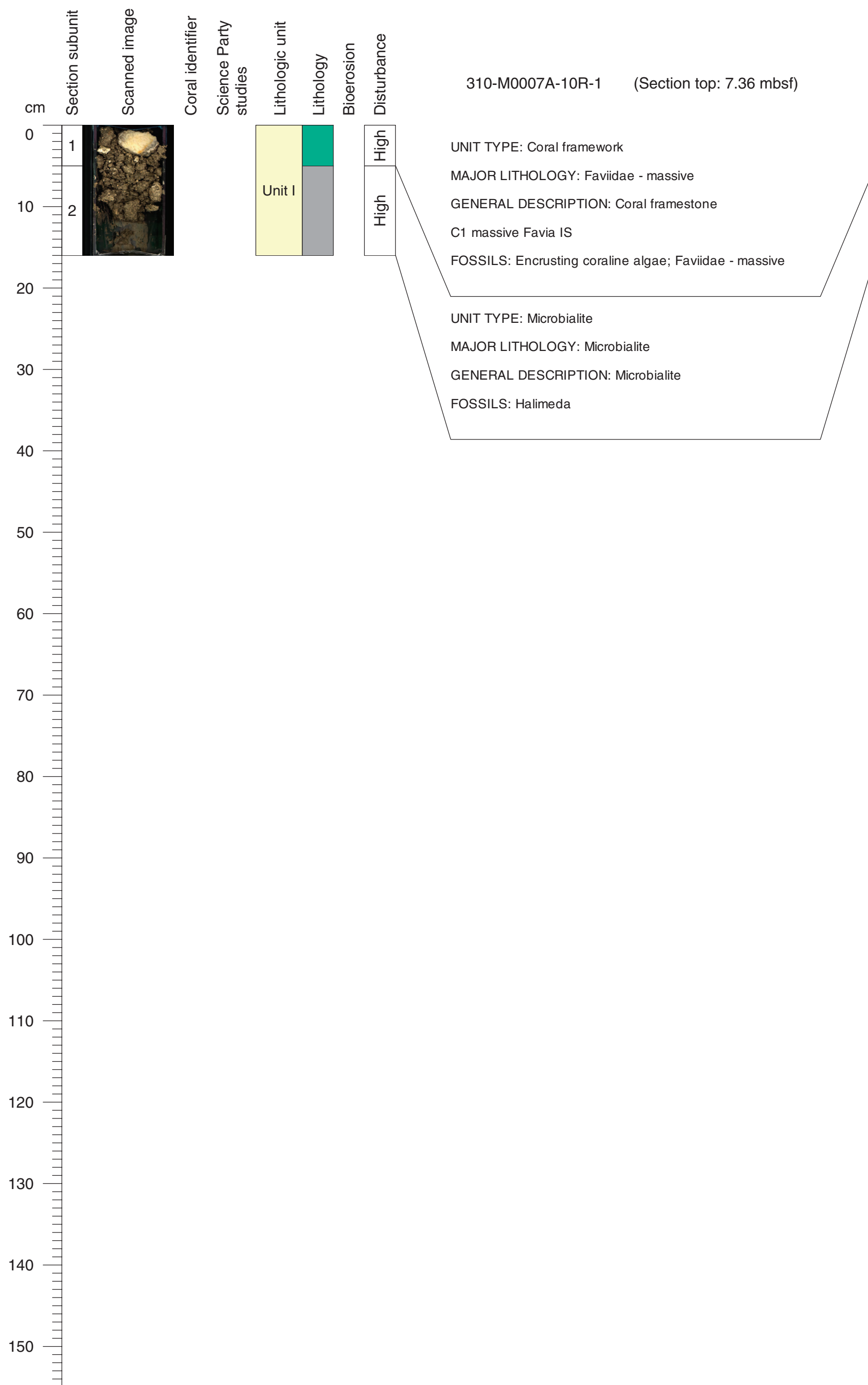
310-M0007A-9R-1 (Section top: 5.86 mbsf)



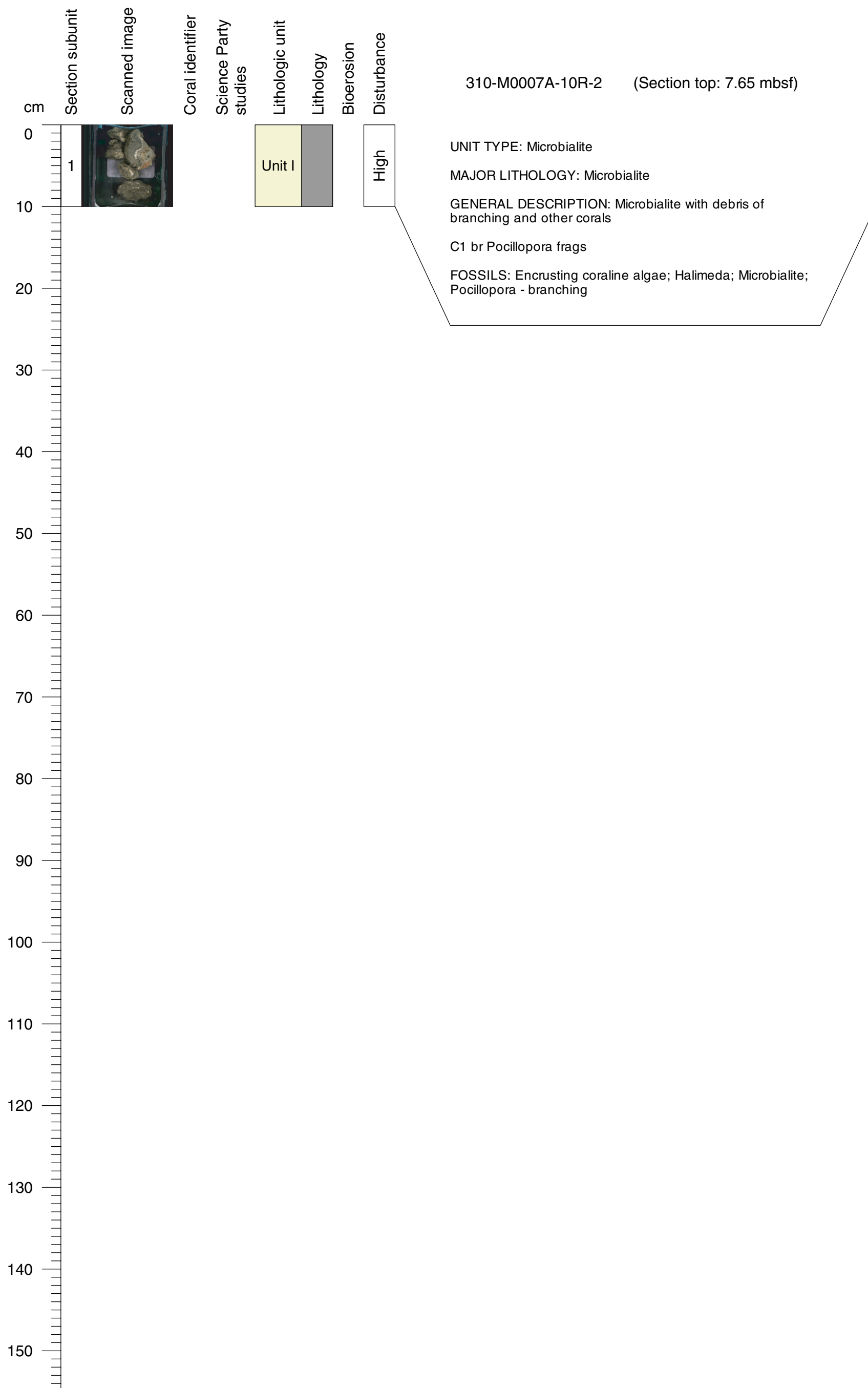
Core Photo



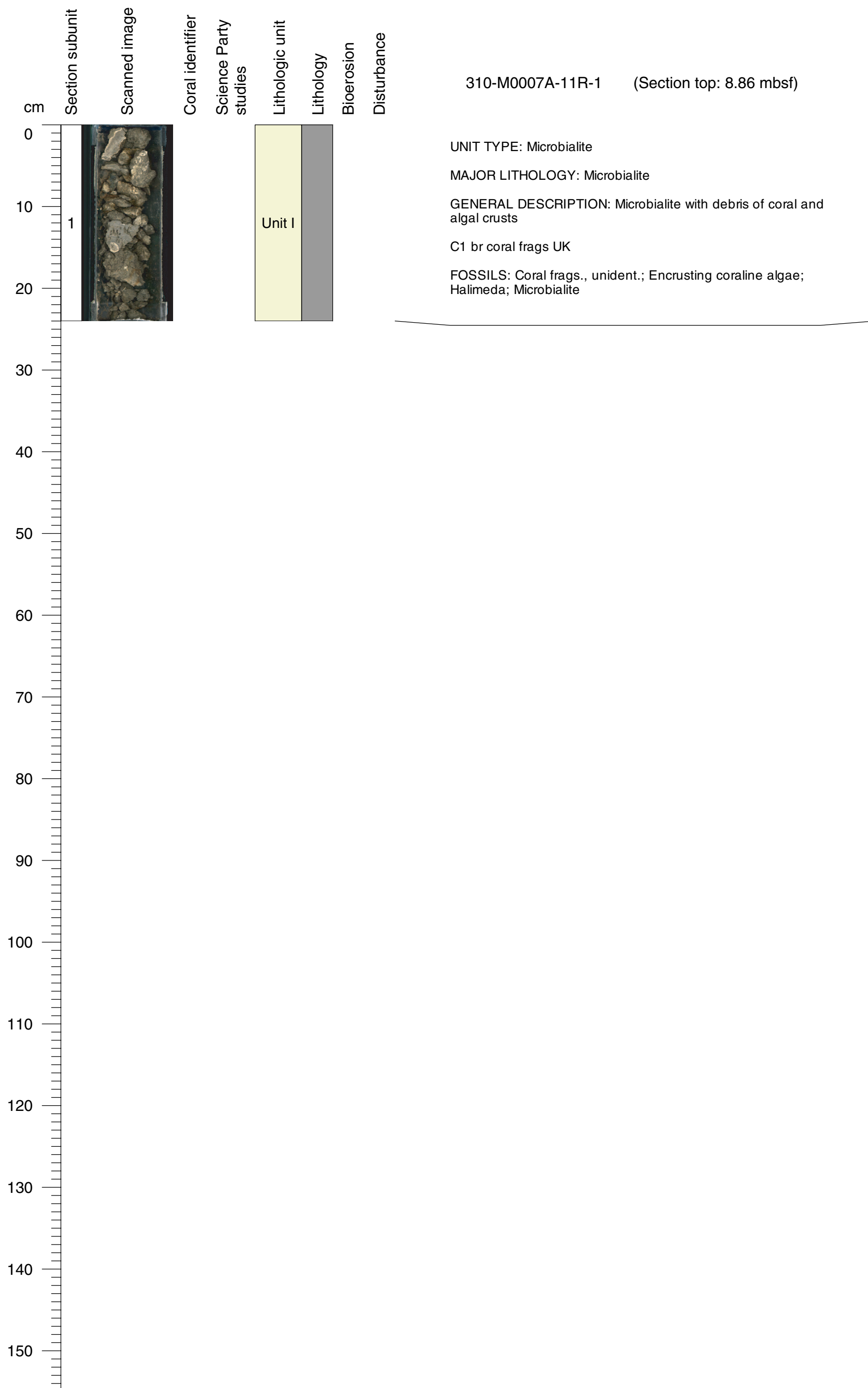
Core Photo



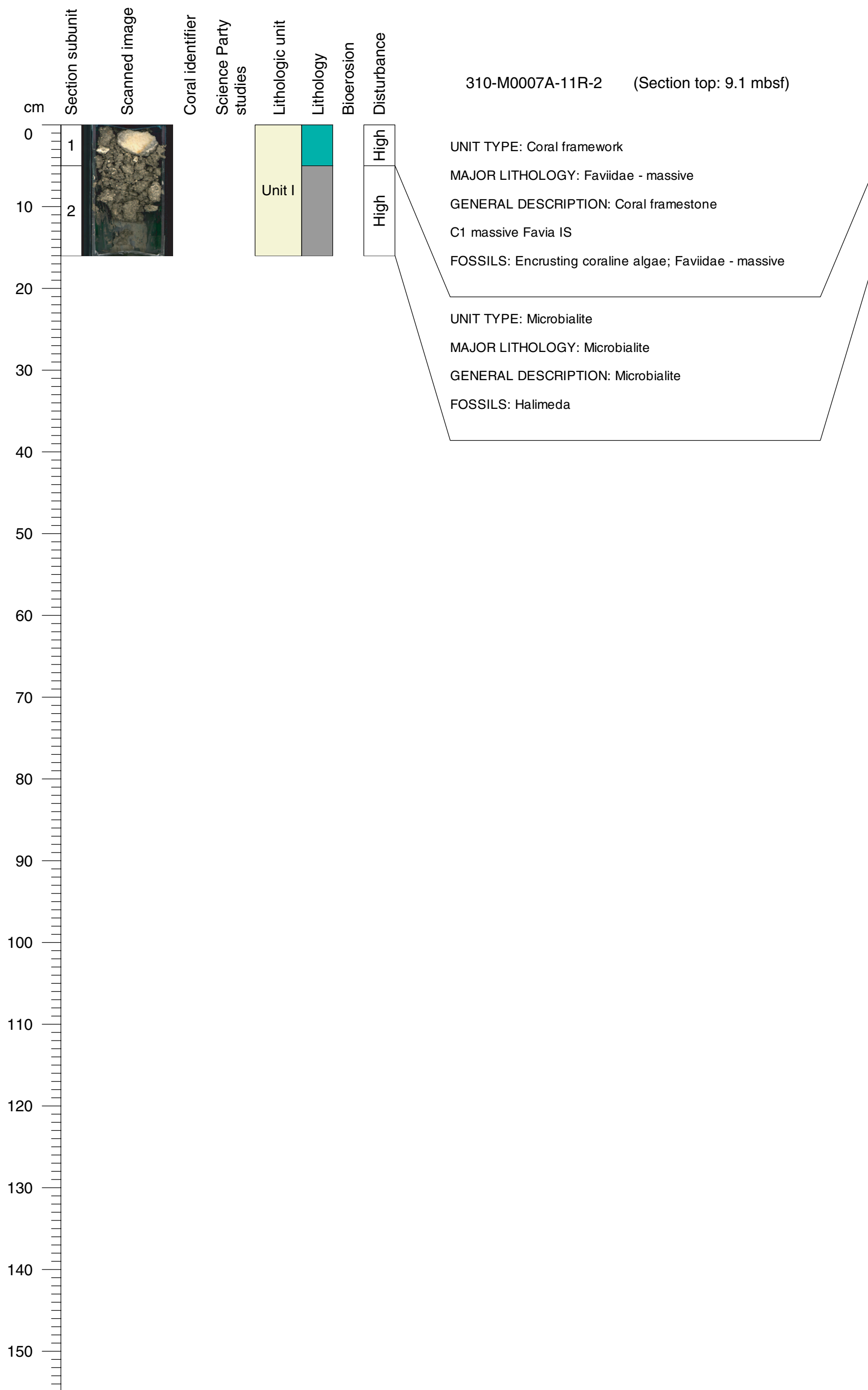
Core Photo



Core Photo

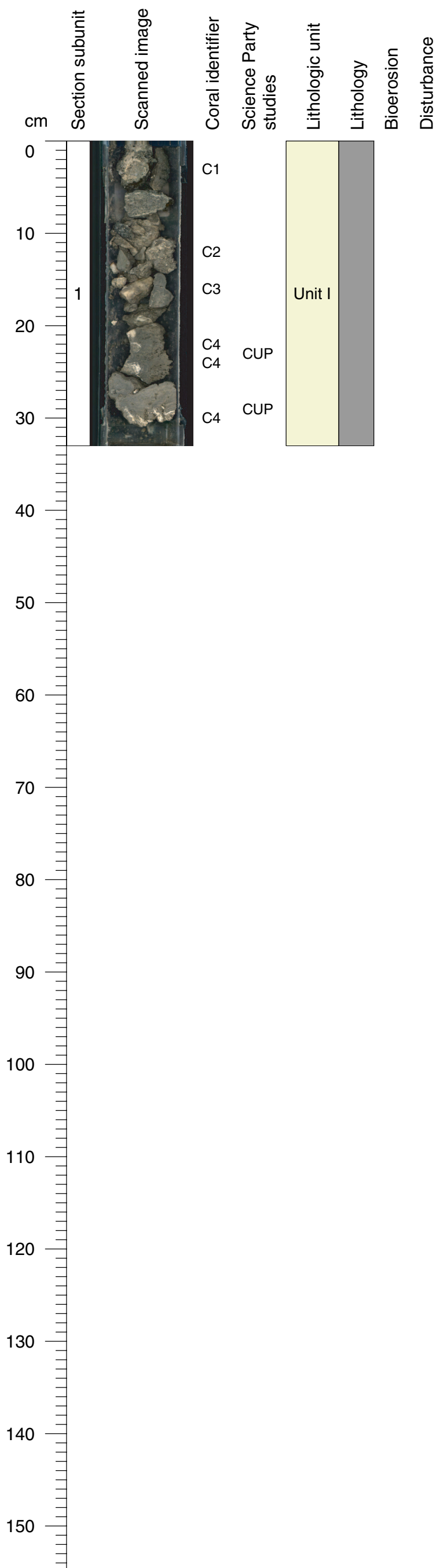


Core Photo



Core Photo

310-M0007A-12R-1 (Section top: 9.76 mbsf)



UNIT TYPE: Microbialite

MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: Microbialites (dendritic and laminar) with branching corals in growth position

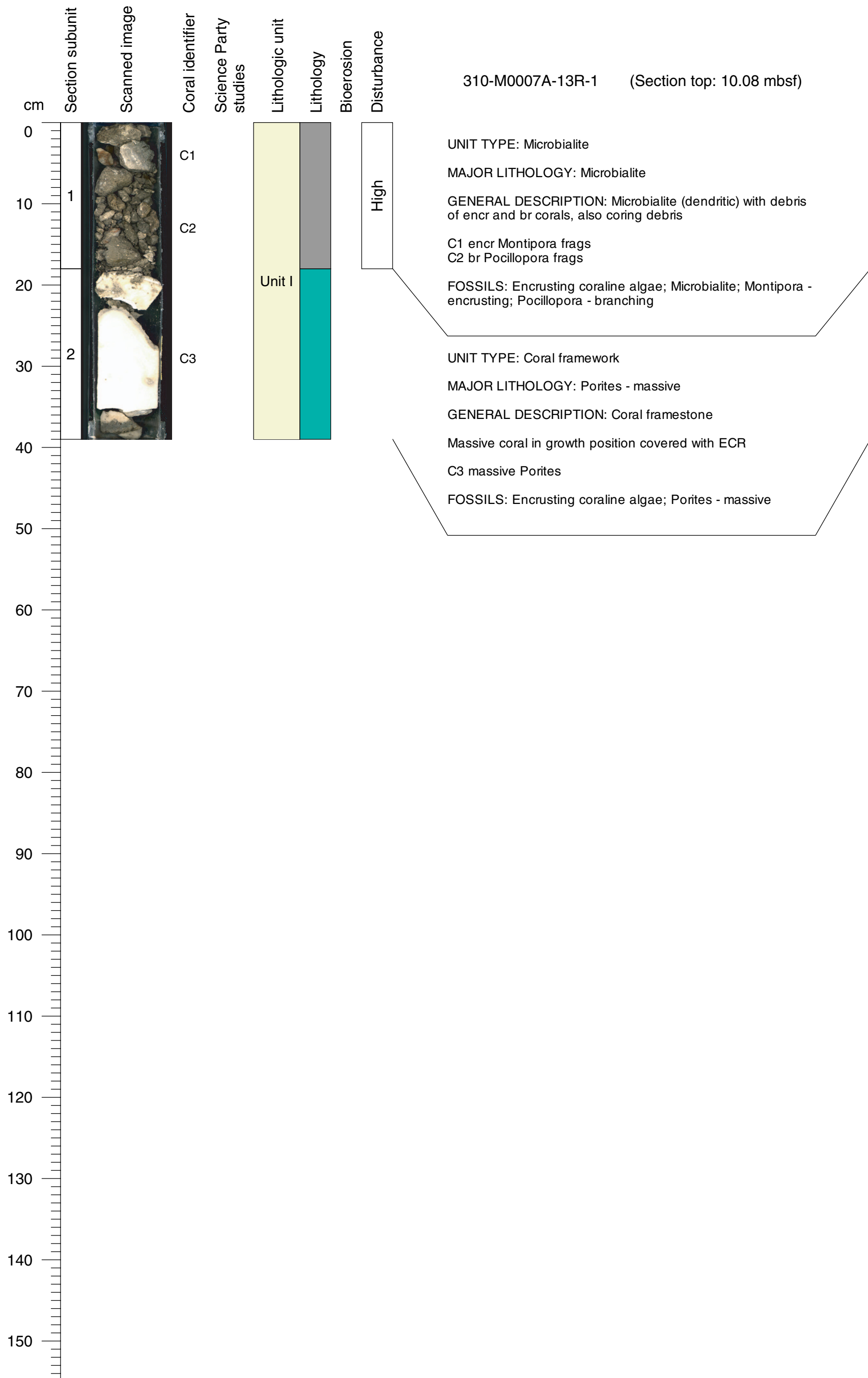
crusts of ECR on branch tips
coral debris (br and encr) at top of core

C1 encr UK frags
C2 br pavona frag
C3 br Pocillopora frag
C4 br Porites frags (most abundant)

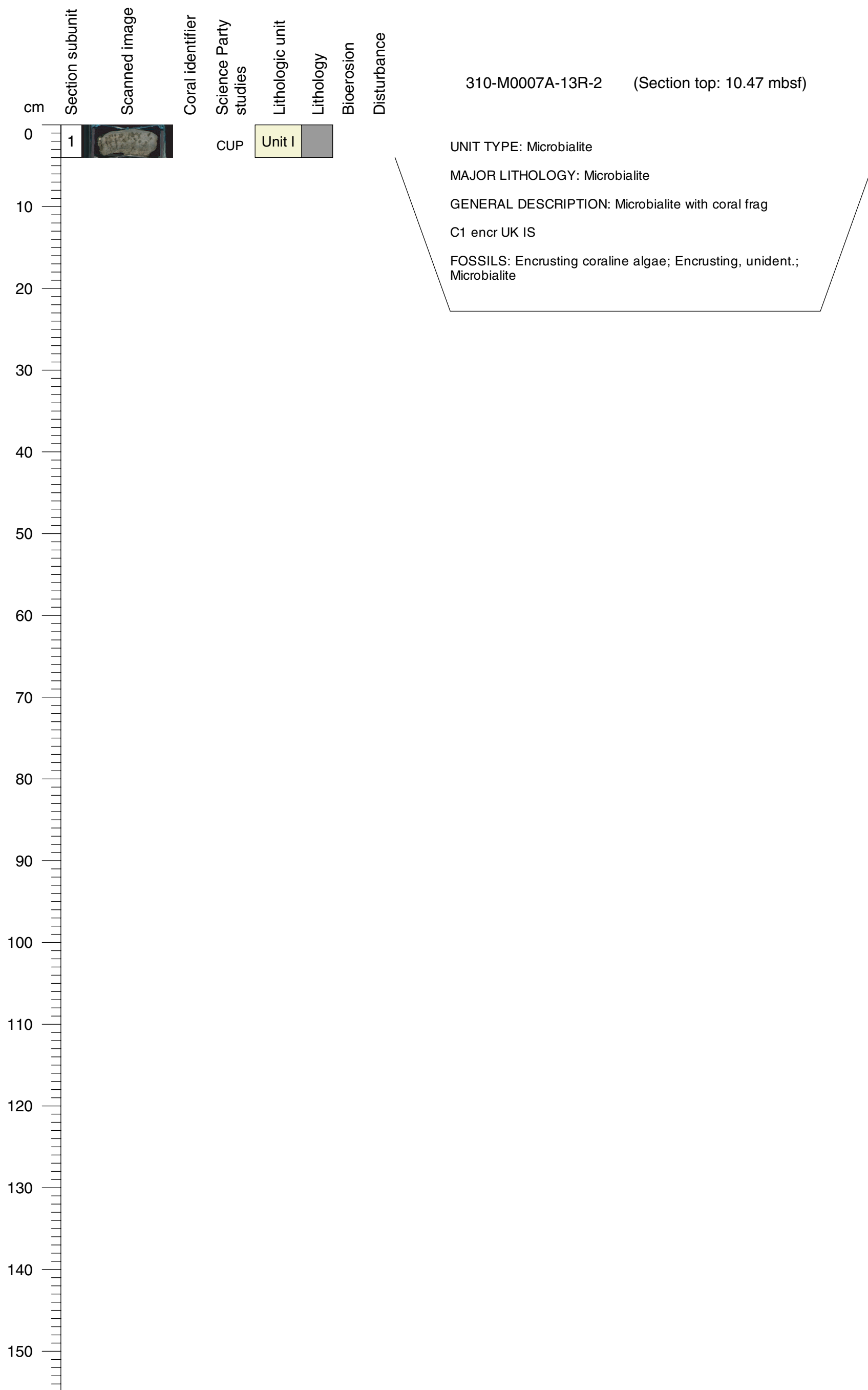
FOSSILS: Encrusting coraline algae; Encrusting, unident.;
Pavona - branching; Pocillopora - branching ; Porites - branching

Core Photo

310-M0007A-13R-1 (Section top: 10.08 mbsf)

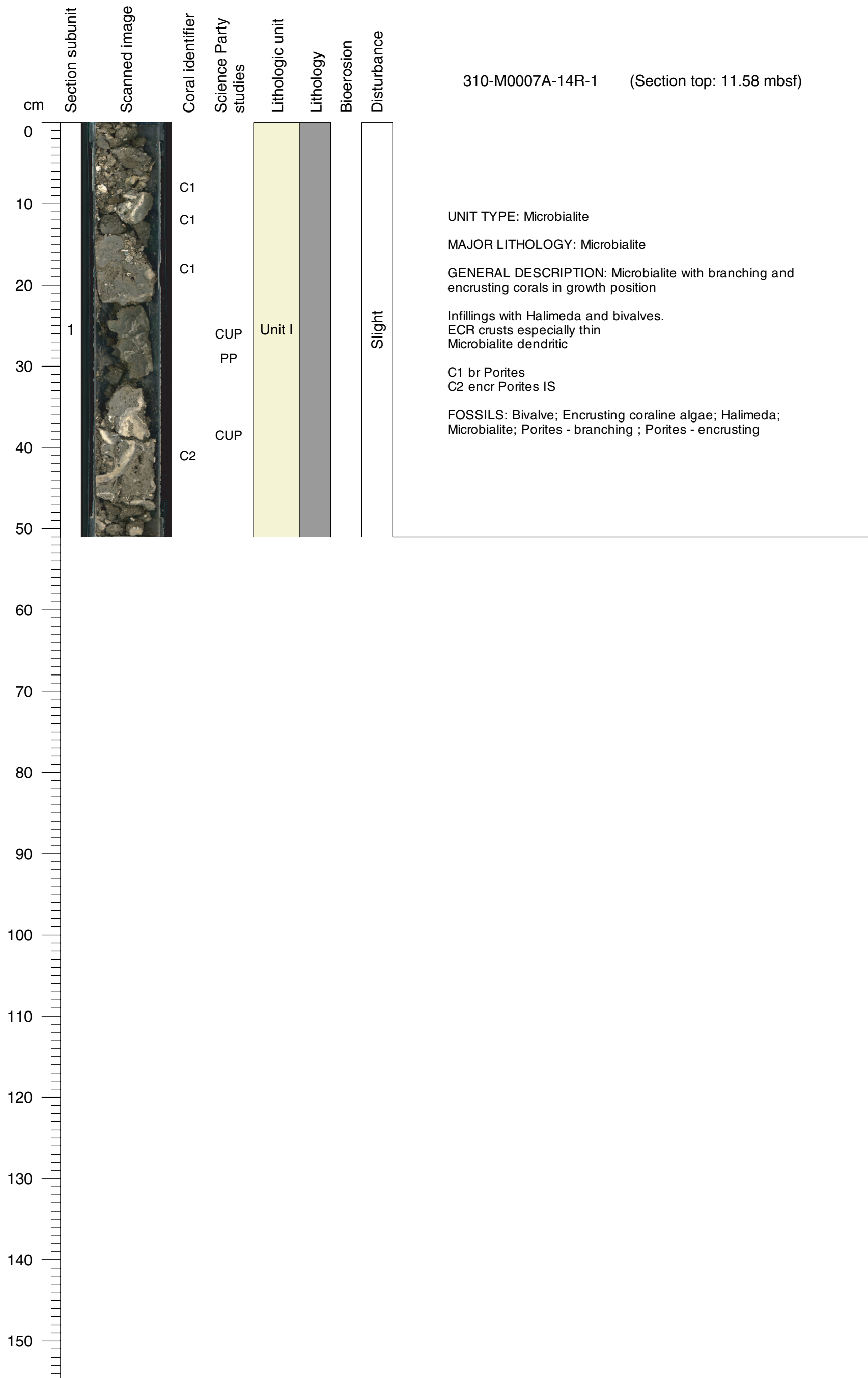


Core Photo



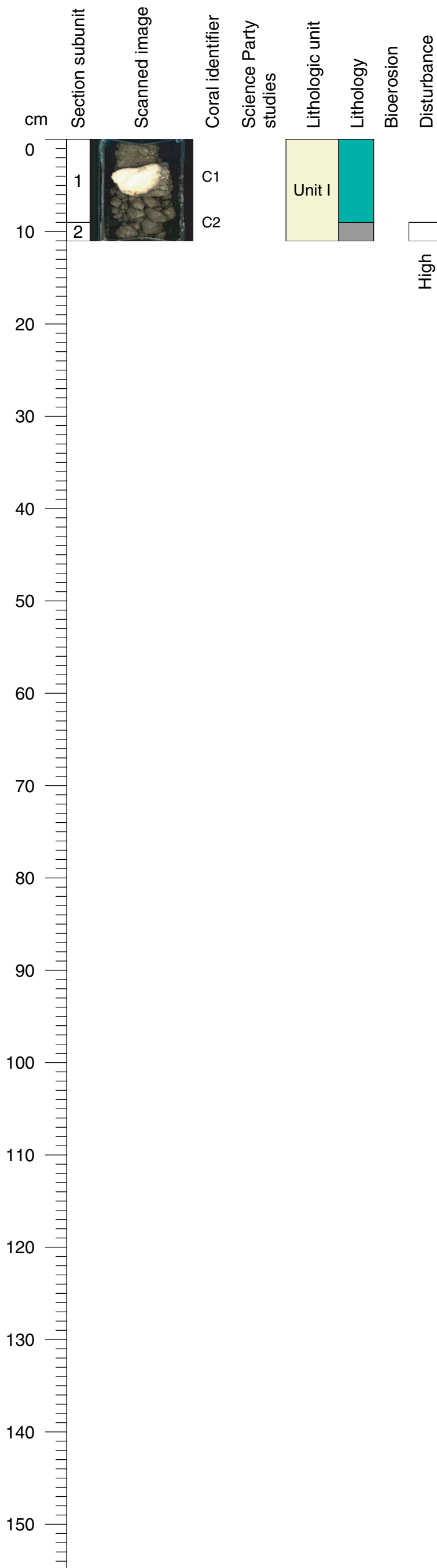
Core Photo

310-M0007A-14R-1 (Section top: 11.58 mbsf)



Core Photo

310-M0007A-14R-2 (Section top: 12.09 mbsf)

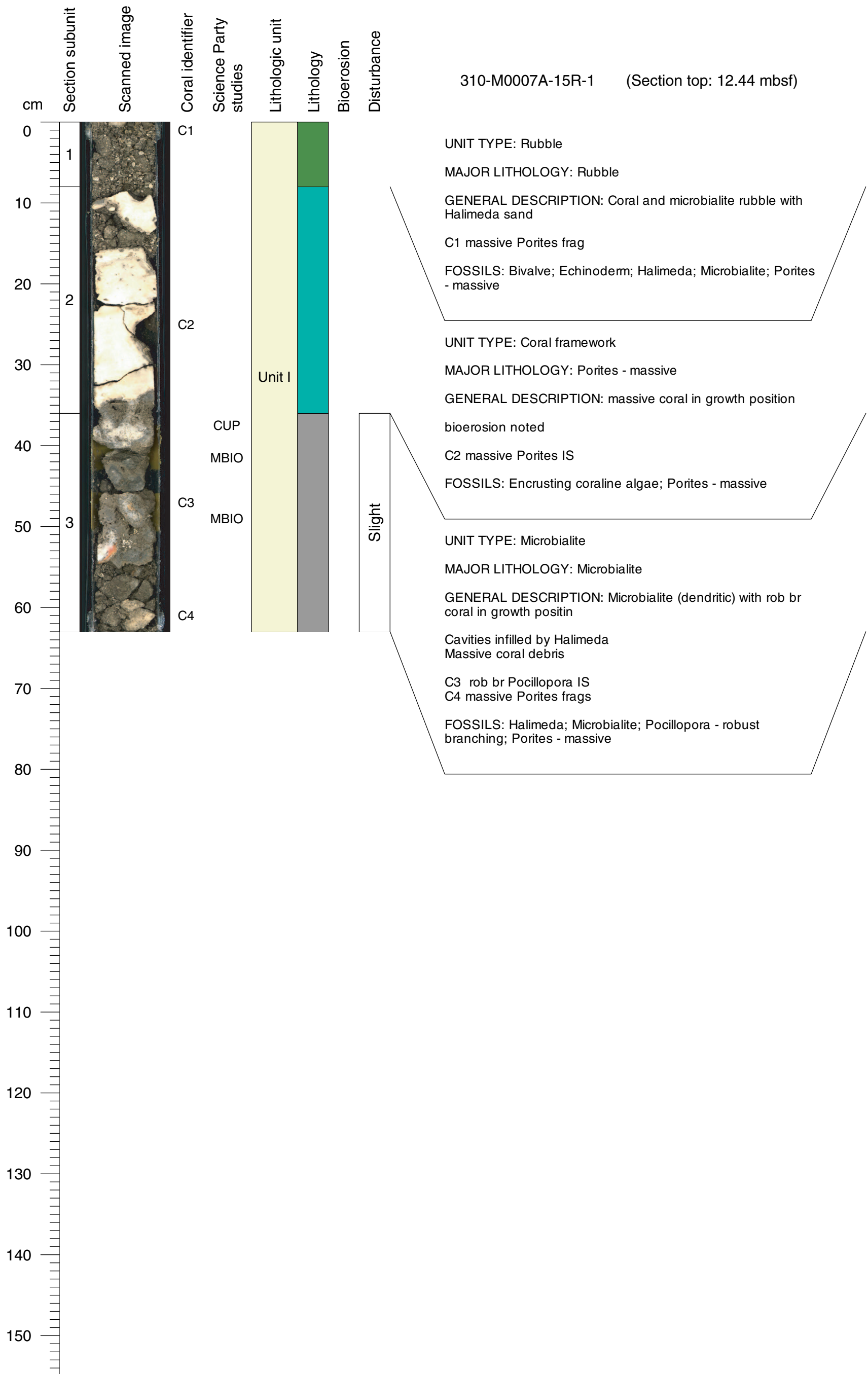


UNIT TYPE: Coral framework
 MAJOR LITHOLOGY: Porites - massive
 GENERAL DESCRIPTION: Framestone with disturbed bits at top
 C1 massive Porites IS?
 FOSSILS: Halimeda; Porites - massive

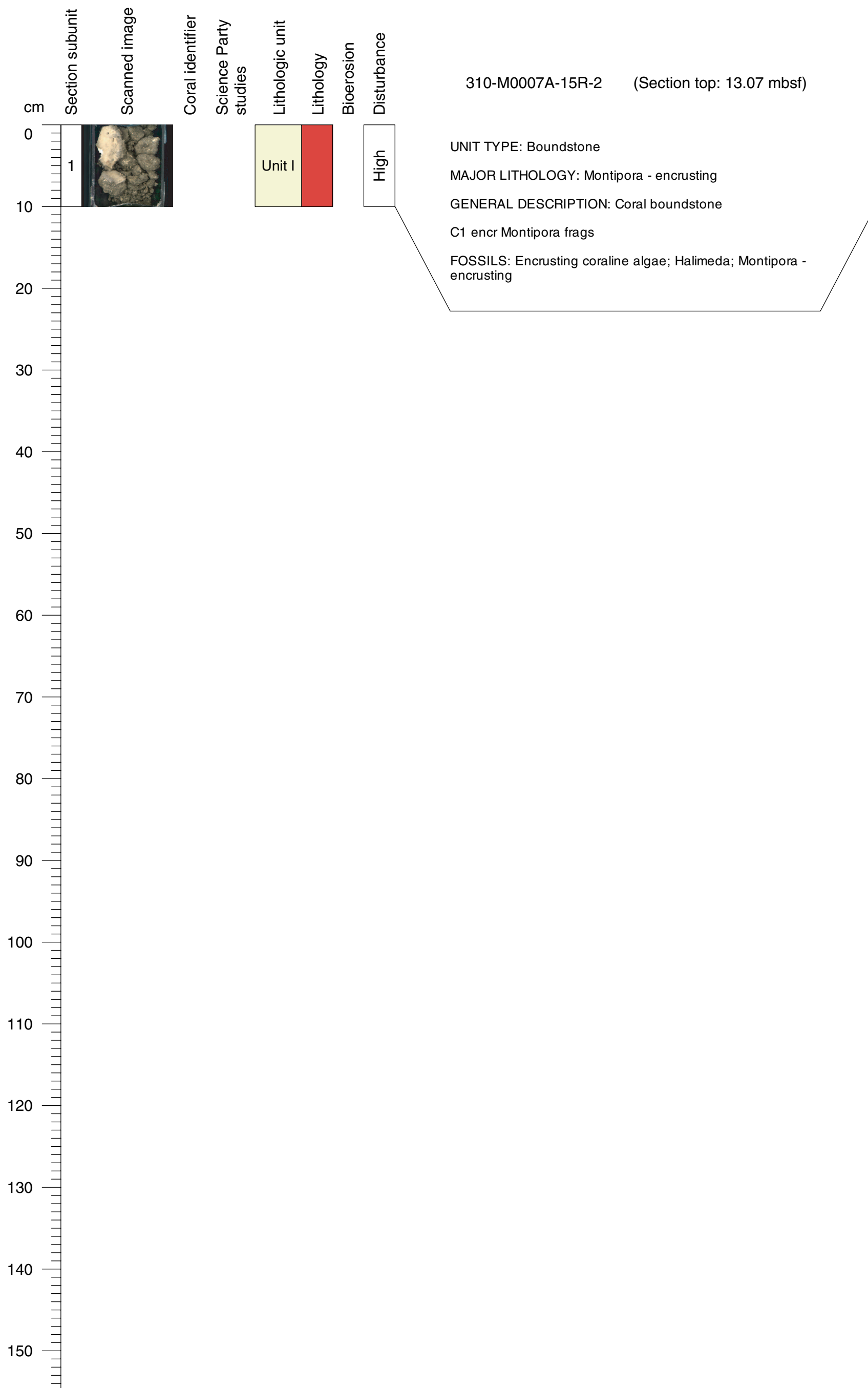
UNIT TYPE: Microbialite
 MAJOR LITHOLOGY: Microbialite
 GENERAL DESCRIPTION: Microbialite with coral debris
 C2 br frags UK
 FOSSILS: Branching, unident.; Microbialite



Core Photo

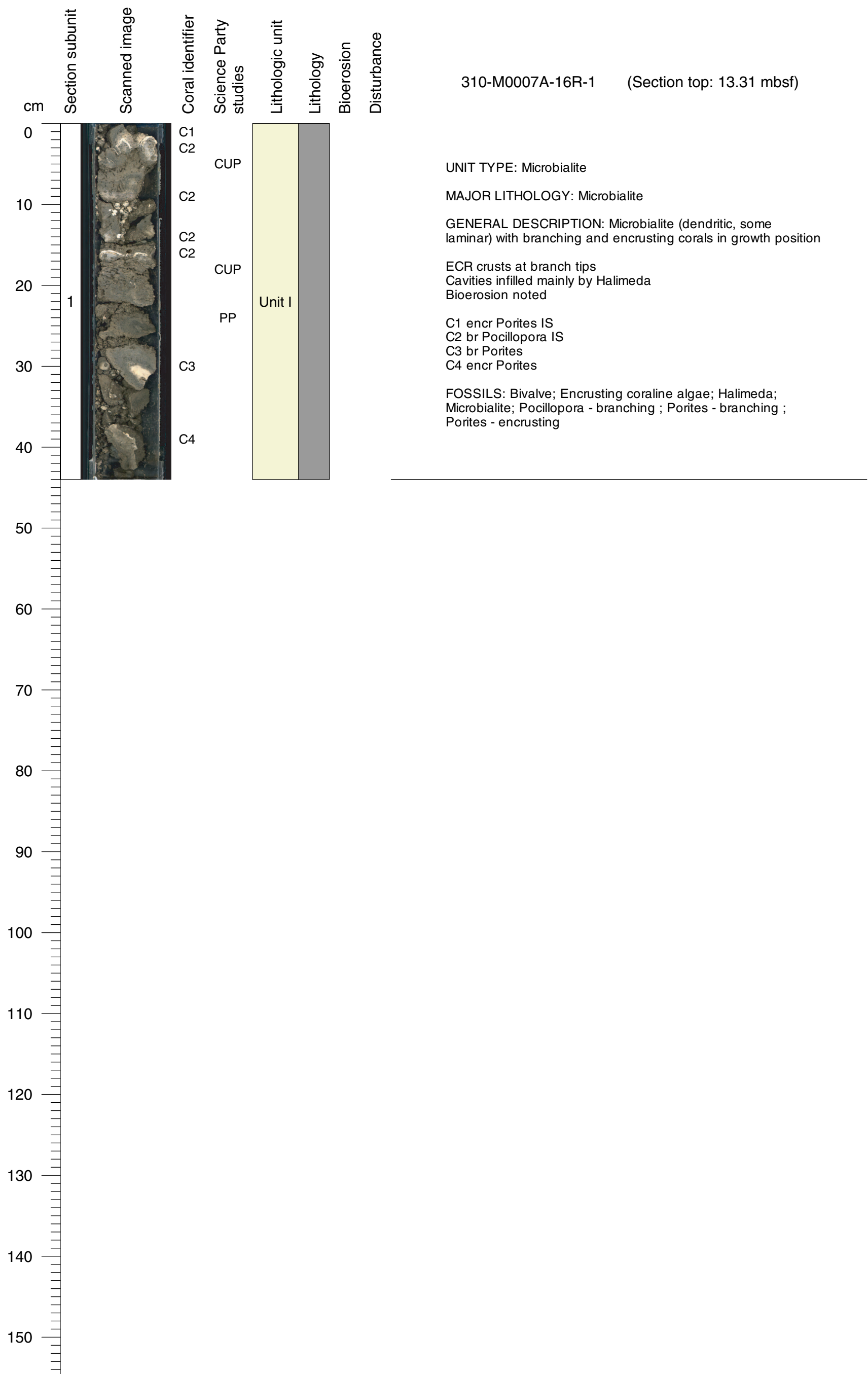


Core Photo

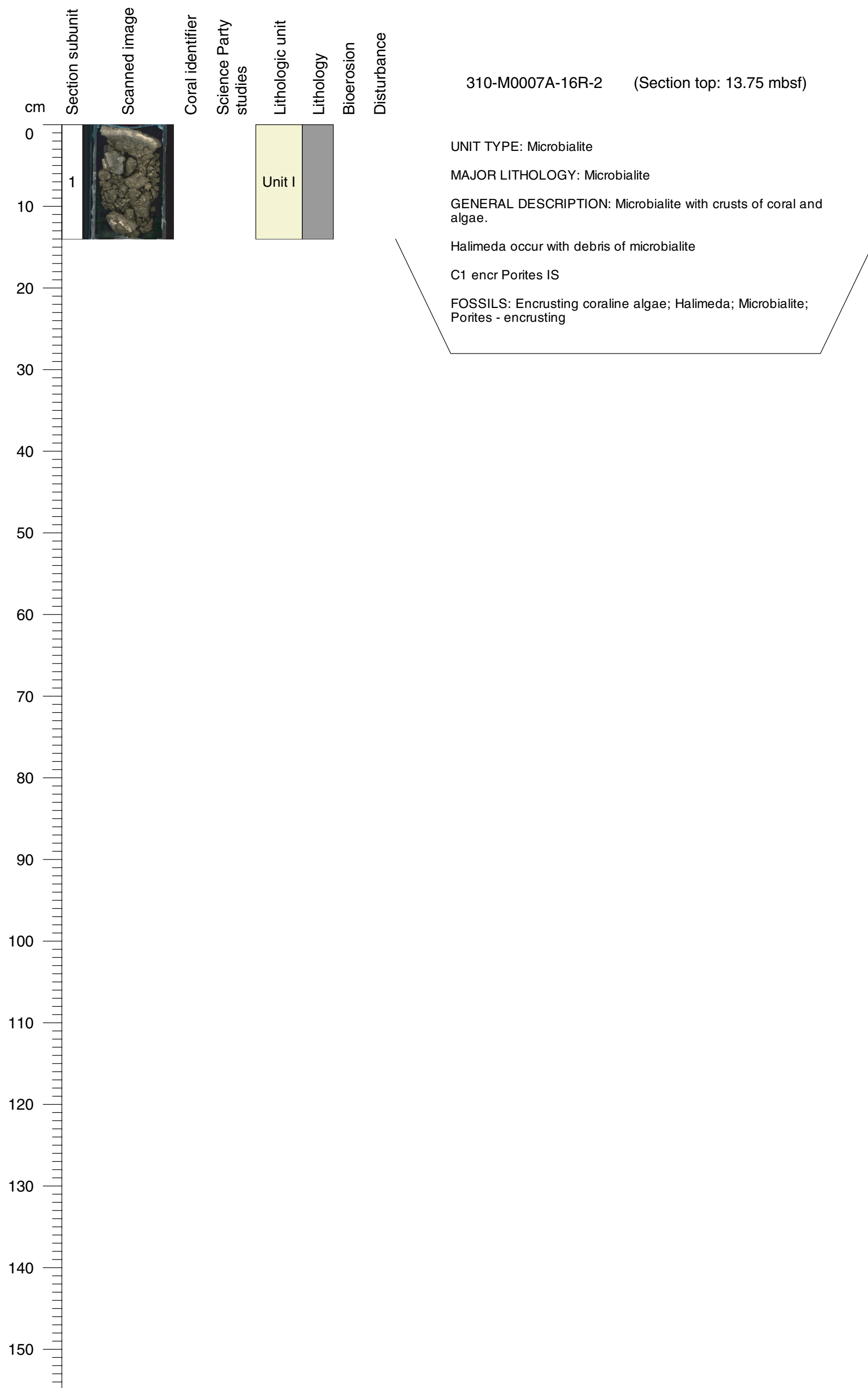


Core Photo

310-M0007A-16R-1 (Section top: 13.31 mbsf)

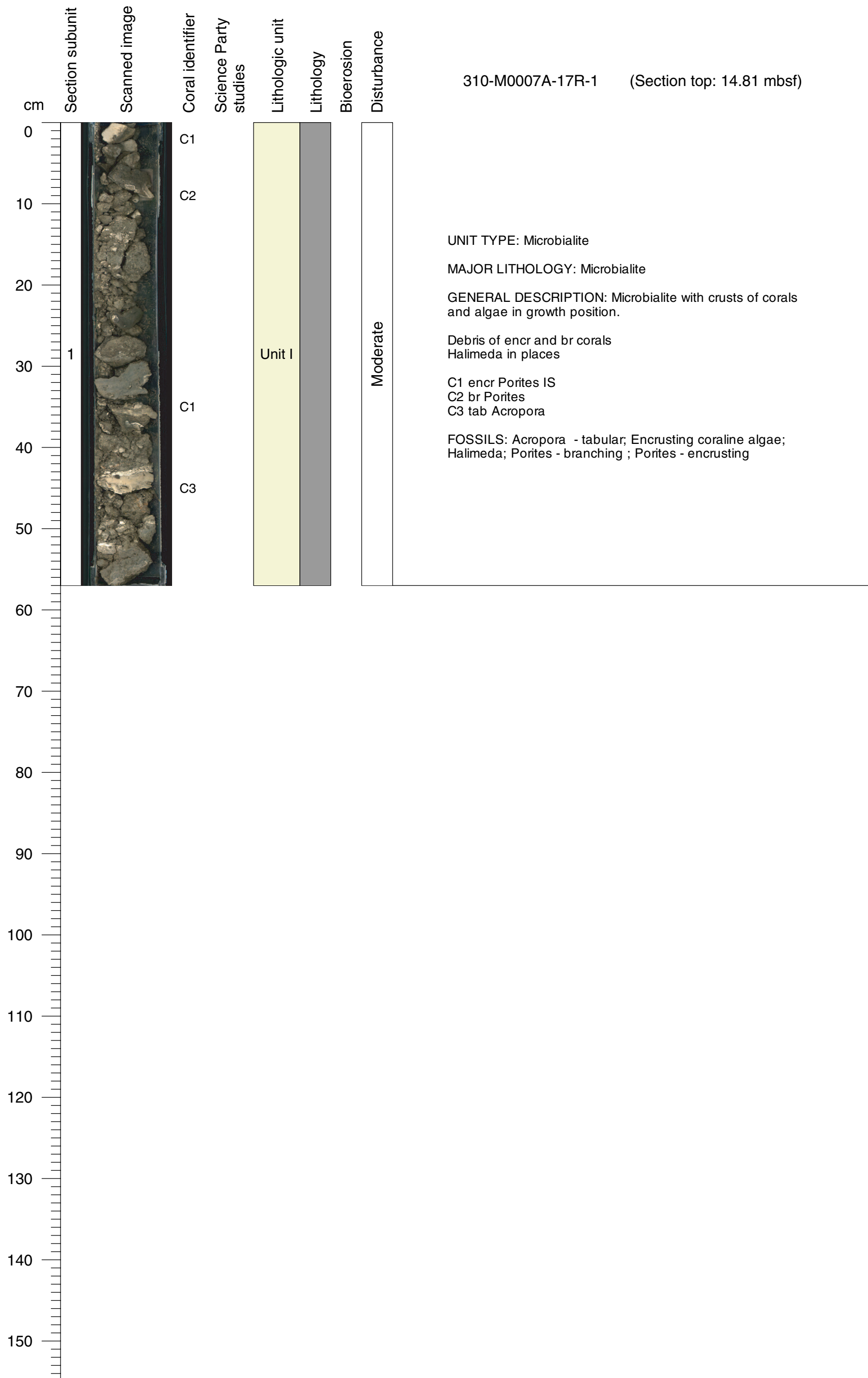


Core Photo



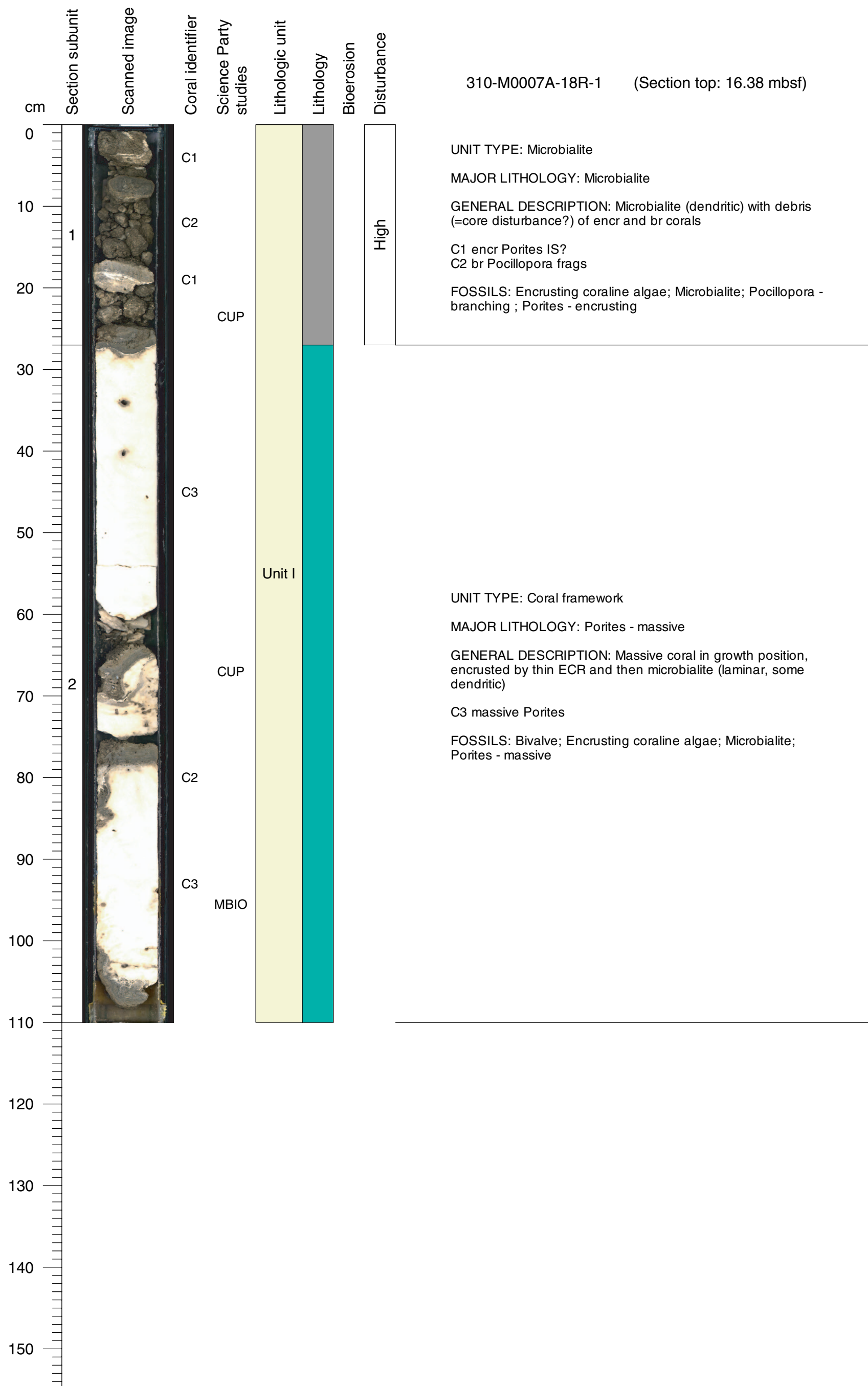
Core Photo

310-M0007A-17R-1 (Section top: 14.81 mbsf)

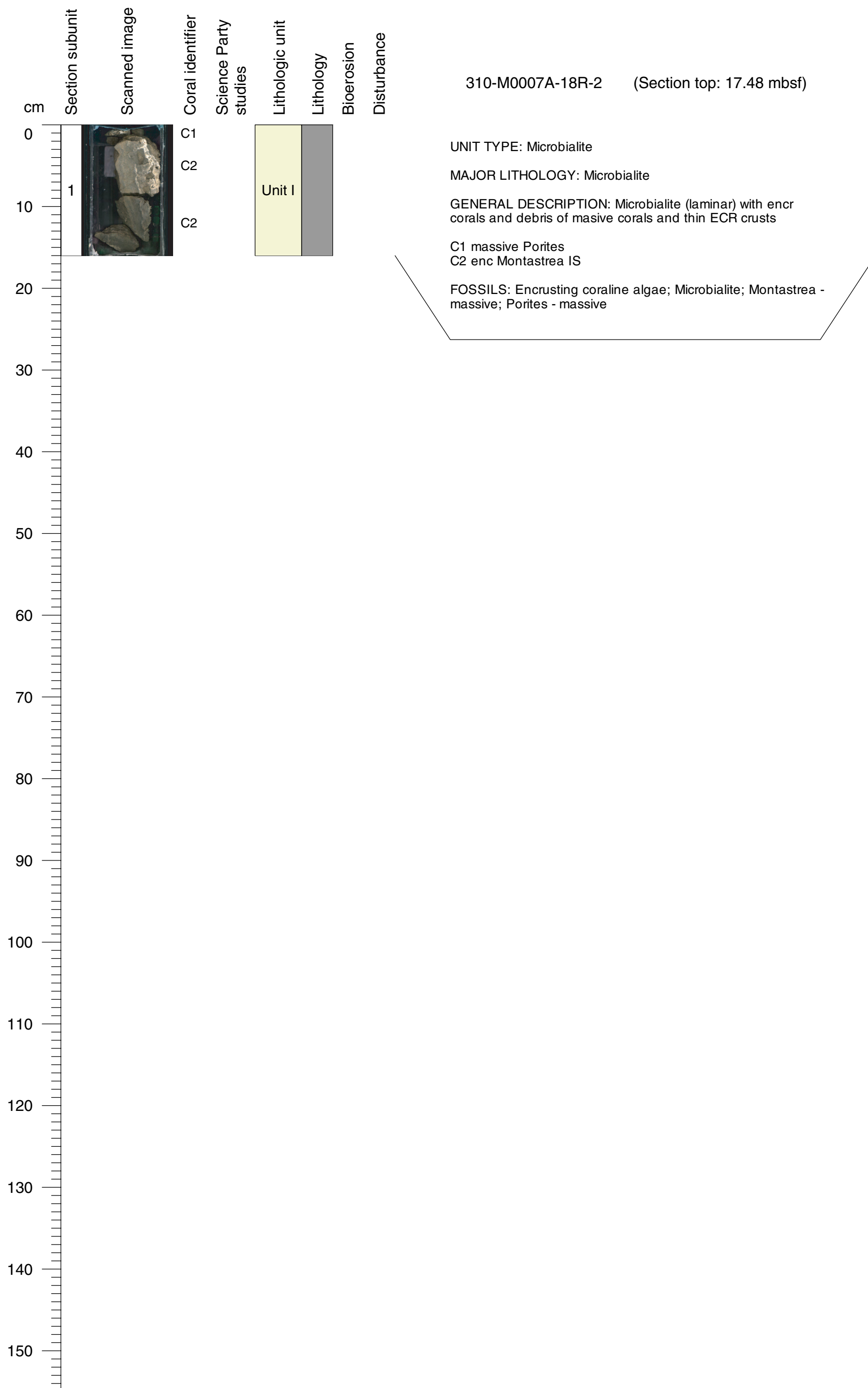


Core Photo

310-M0007A-18R-1 (Section top: 16.38 mbsf)

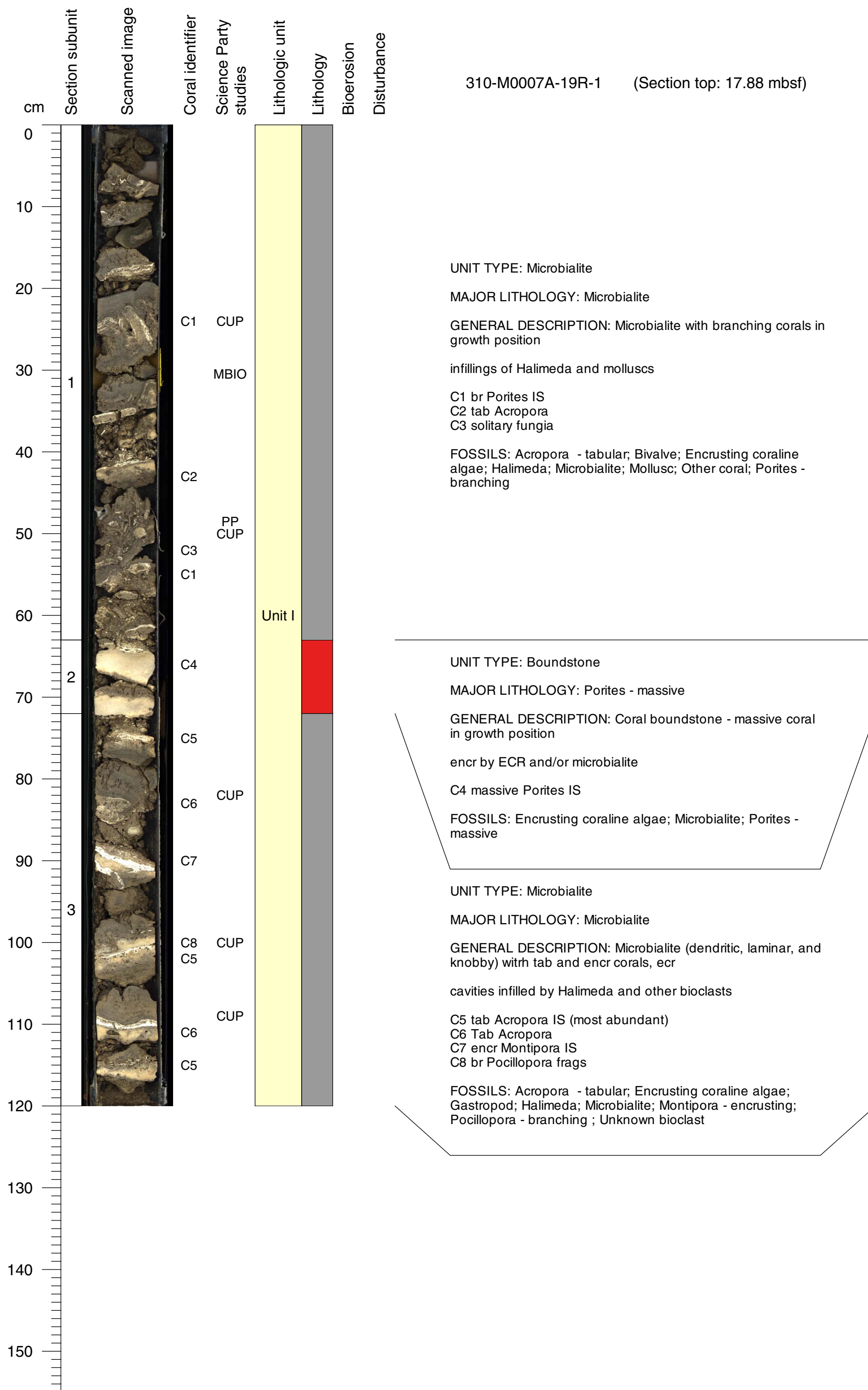


Core Photo

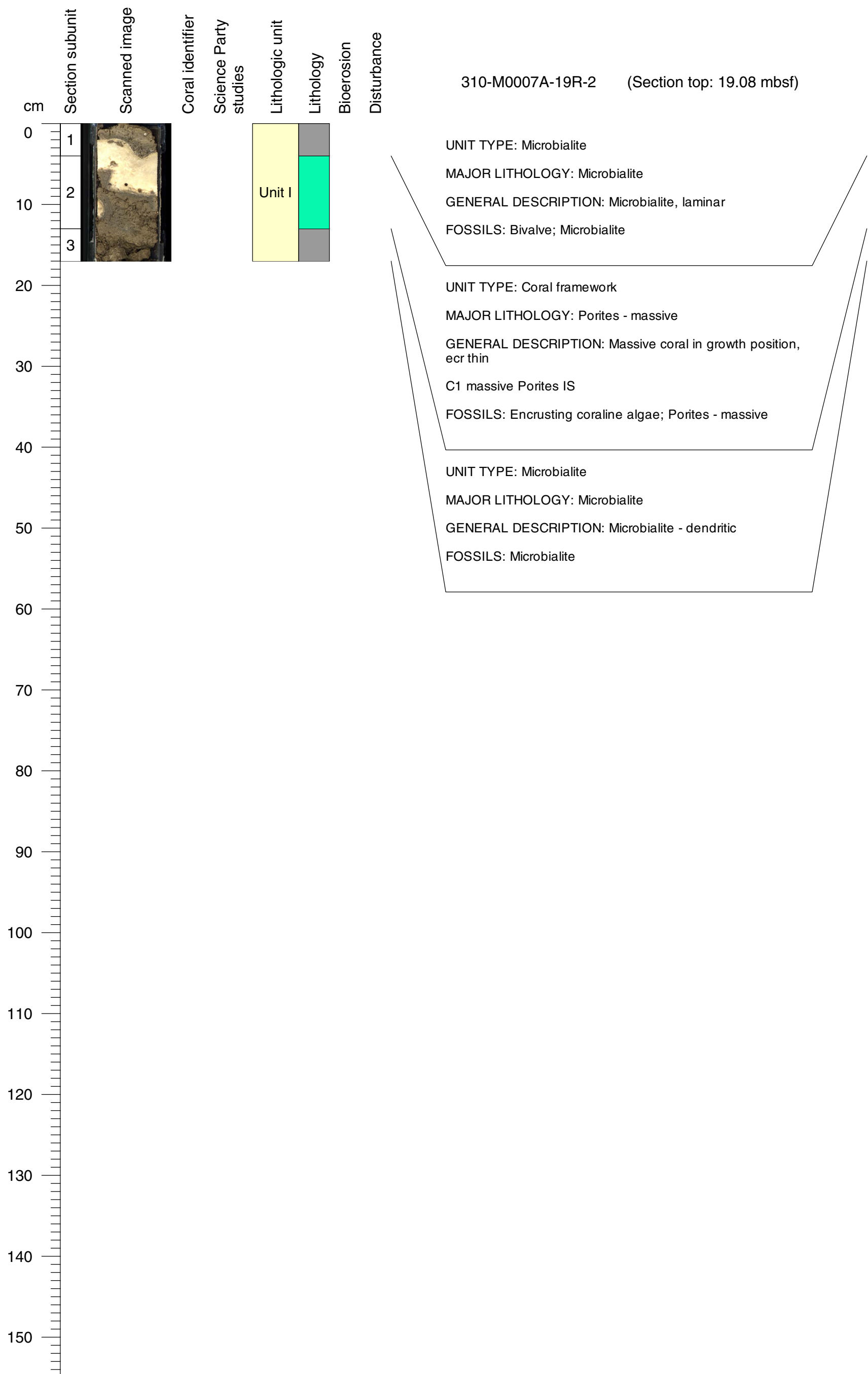


Core Photo

310-M0007A-19R-1 (Section top: 17.88 mbsf)

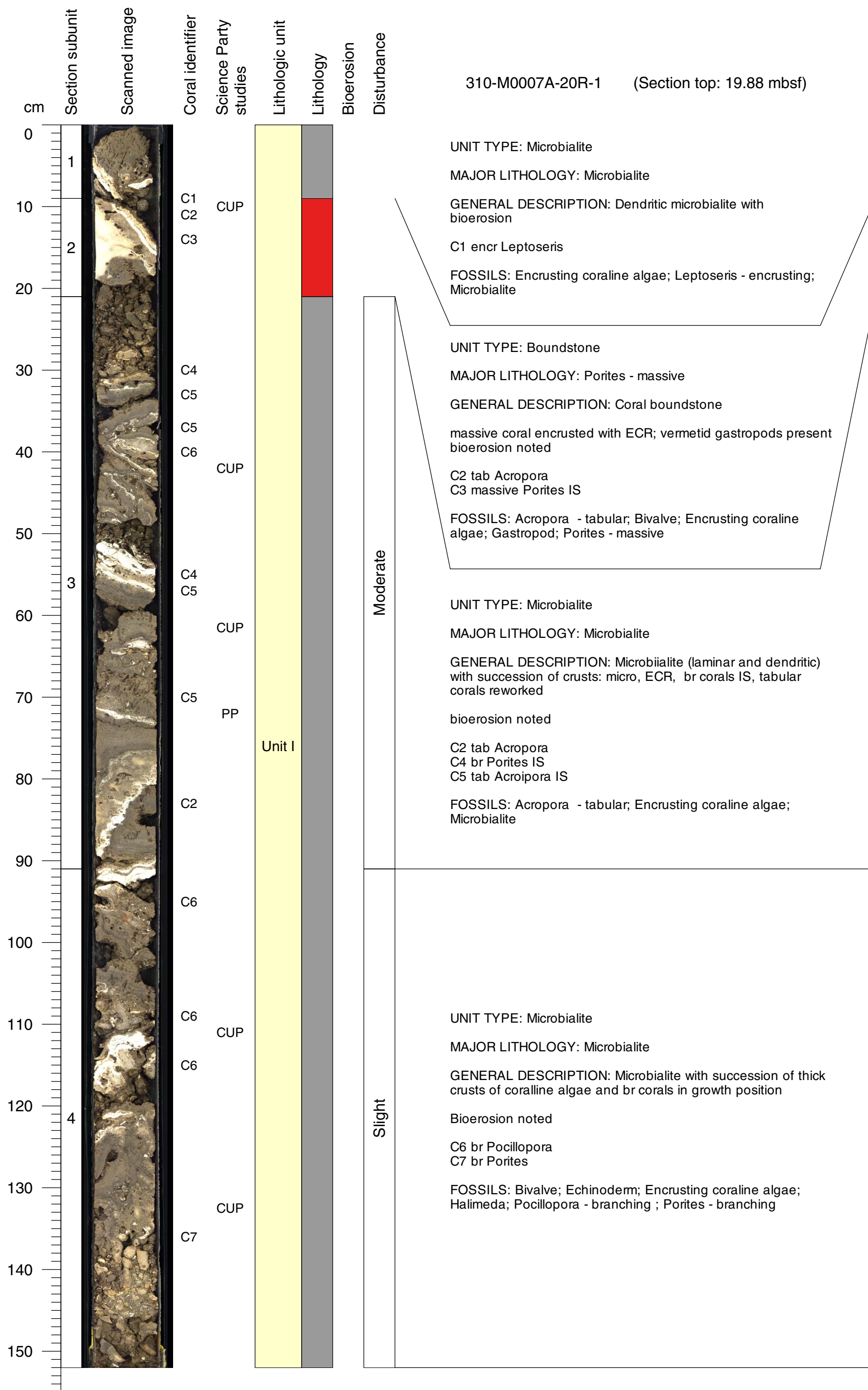


Core Photo

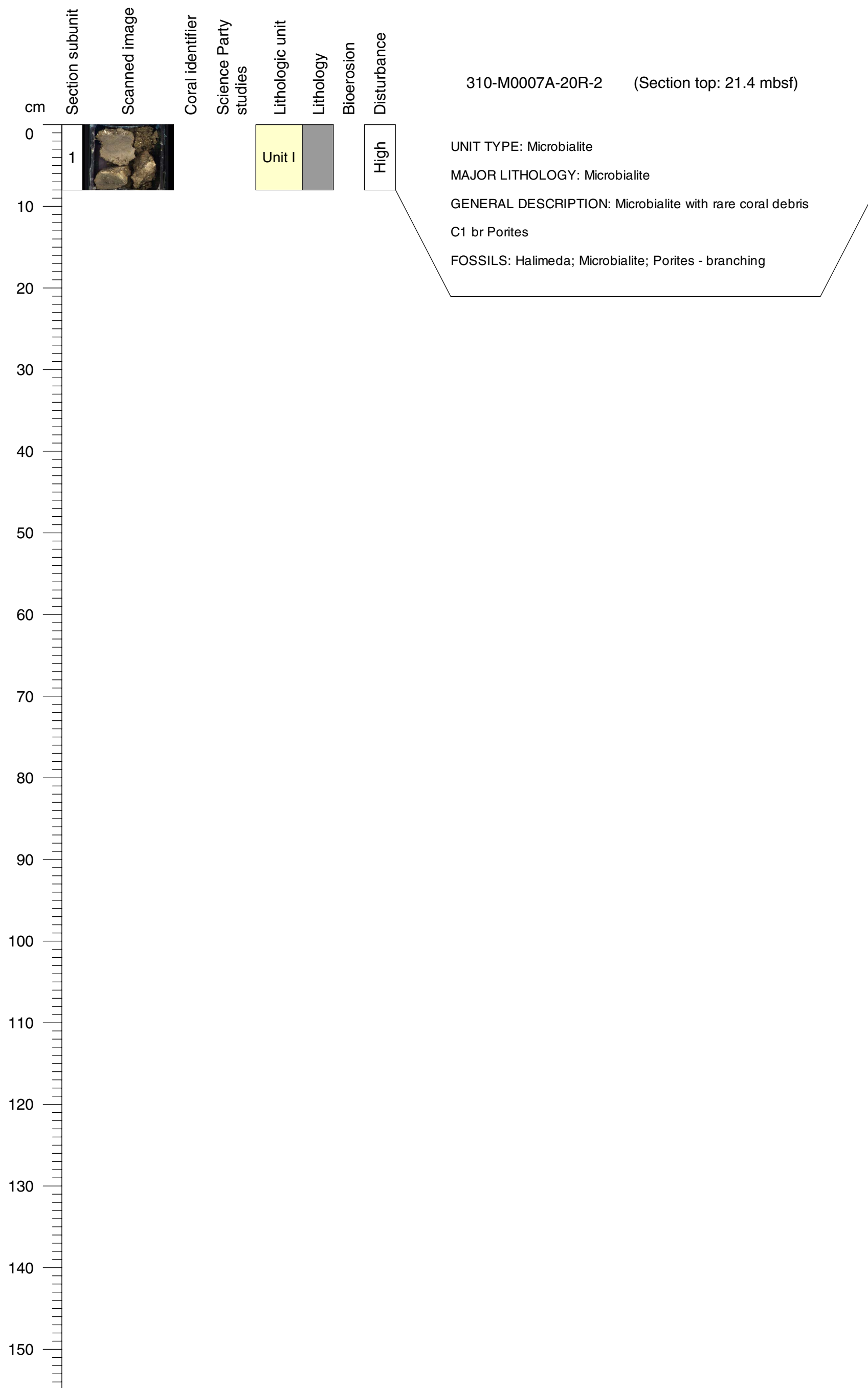


Core Photo

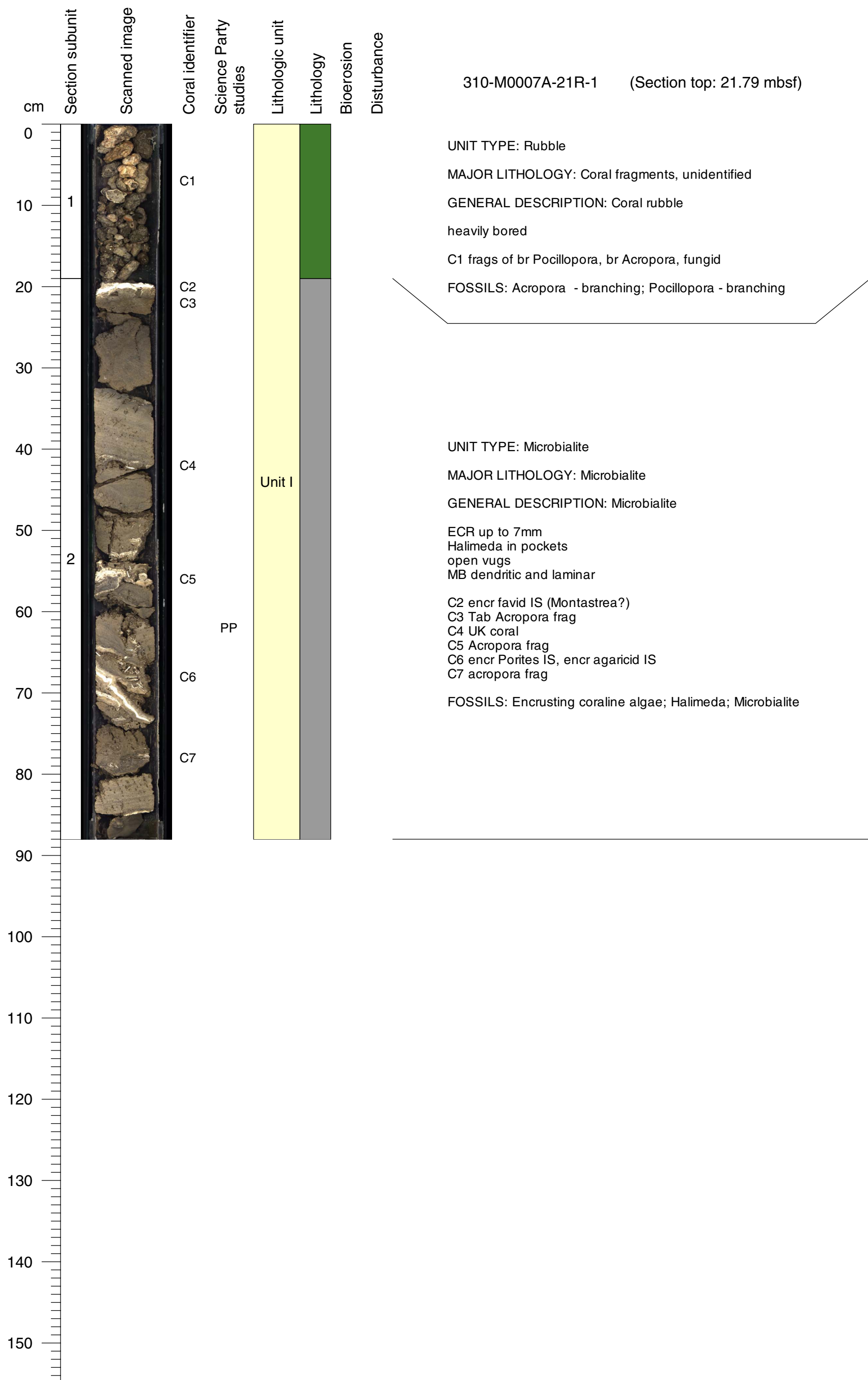
310-M0007A-20R-1 (Section top: 19.88 mbsf)



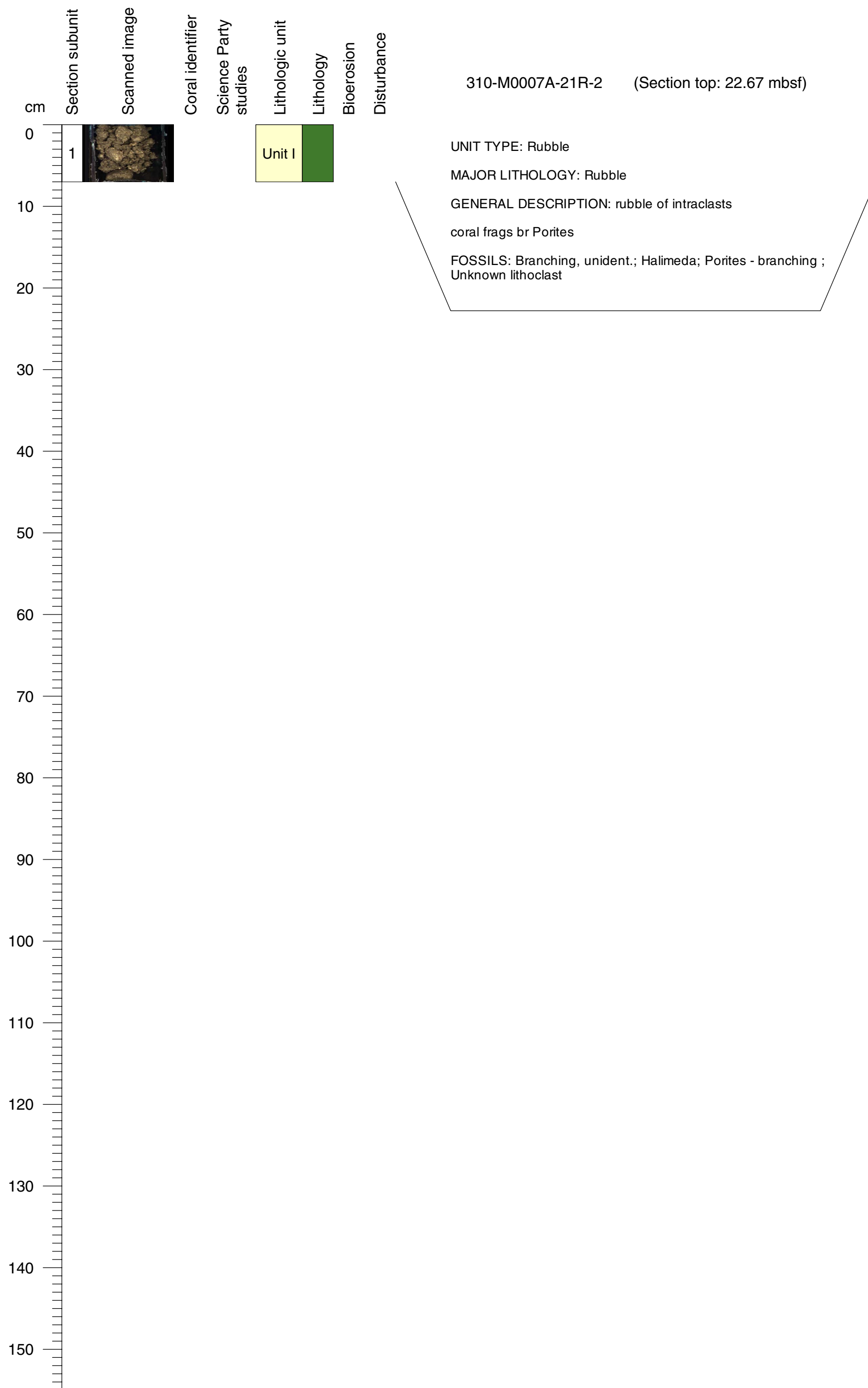
Core Photo



Core Photo

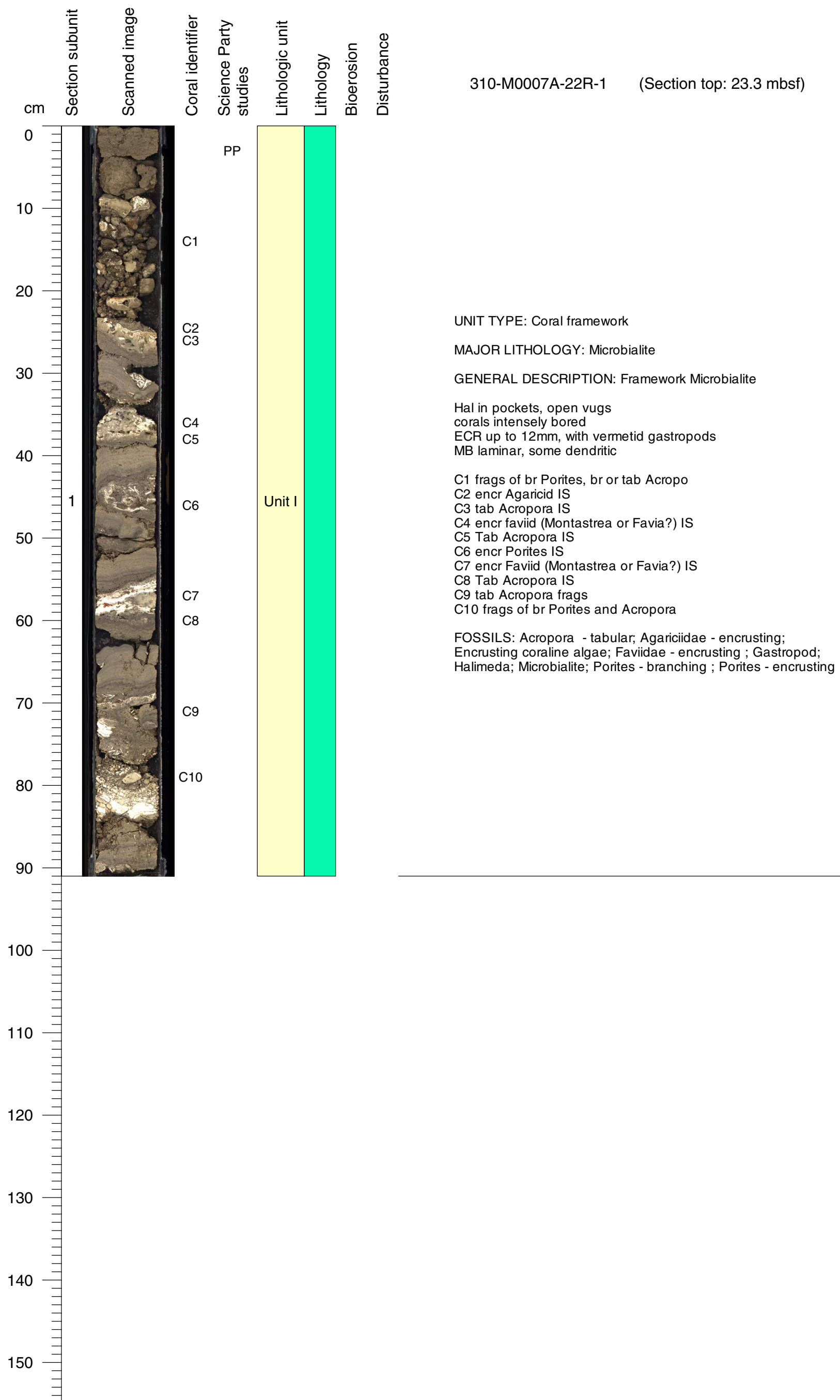


Core Photo



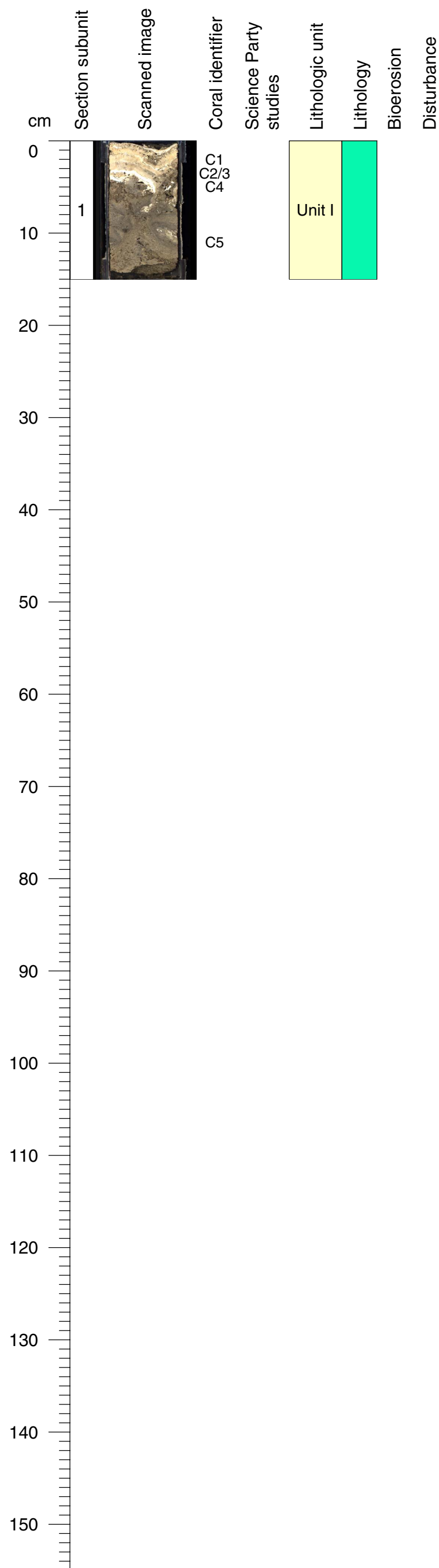
Core Photo

310-M0007A-22R-1 (Section top: 23.3 mbsf)



Core Photo

310-M0007A-22R-2 (Section top: 24.21 mbsf)



UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: Framework

MB major, laminar and dendritic

C1 encr Agaricid (Pavona?) IS

C2 encr Montipora IS

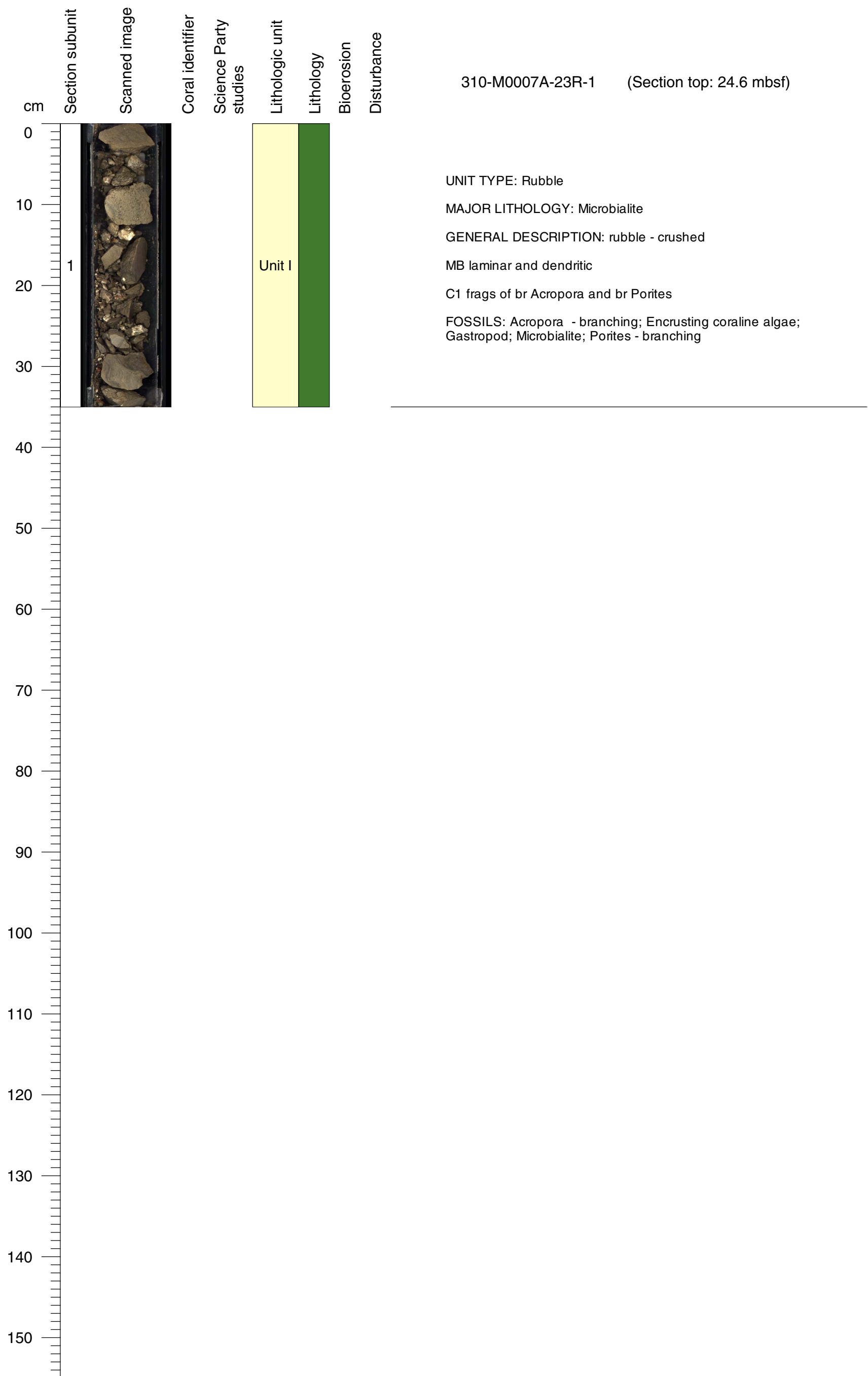
C3 encr Faviid IS?

C4 Acropora frag

C5 encr Montipora

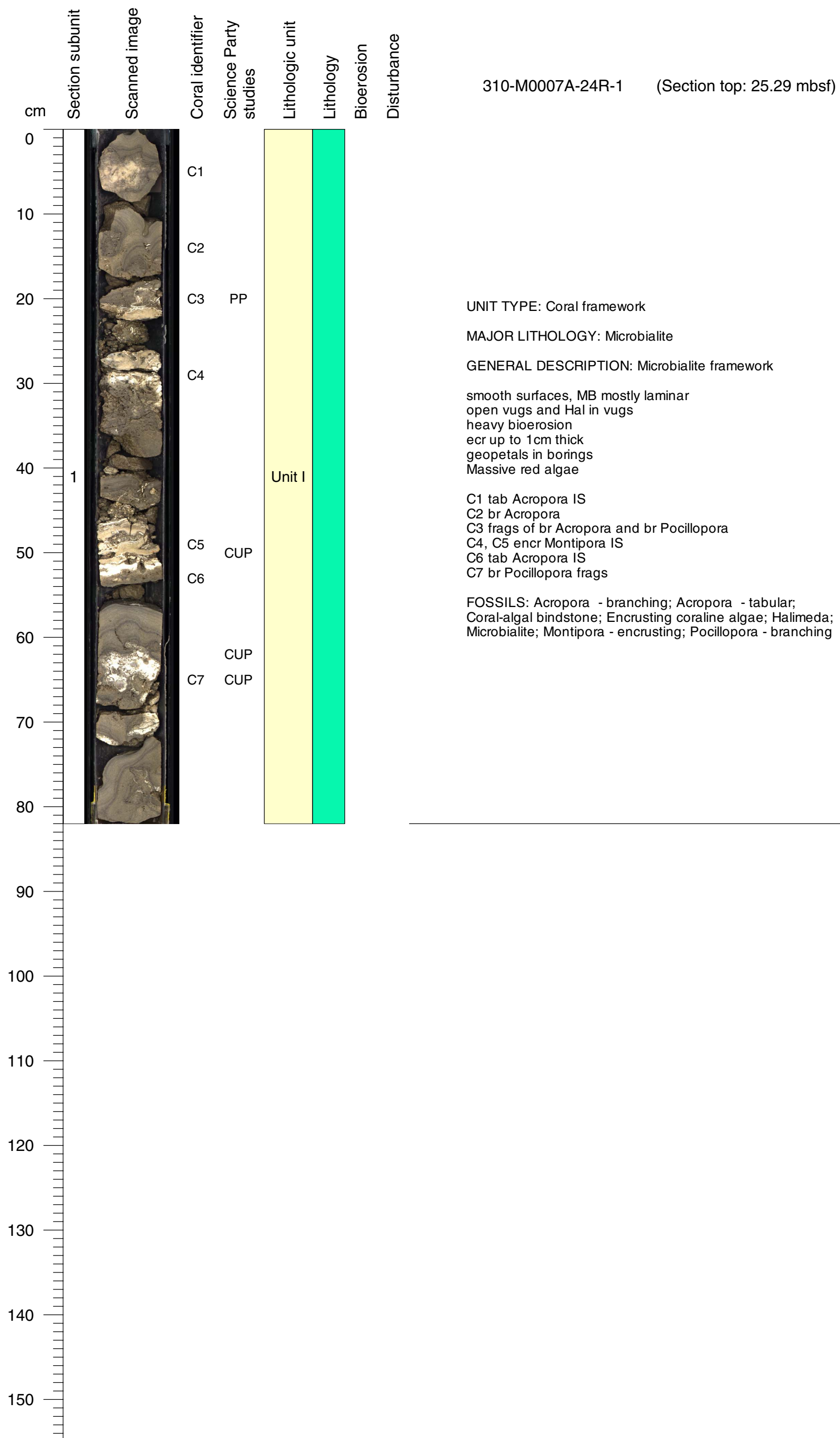
FOSSILS: Acropora - branching; Agariciidae - encrusting; Encrusting coralline algae; Faviidae - encrusting ; Halimeda; Microbialite; Montipora - encrusting

Core Photo

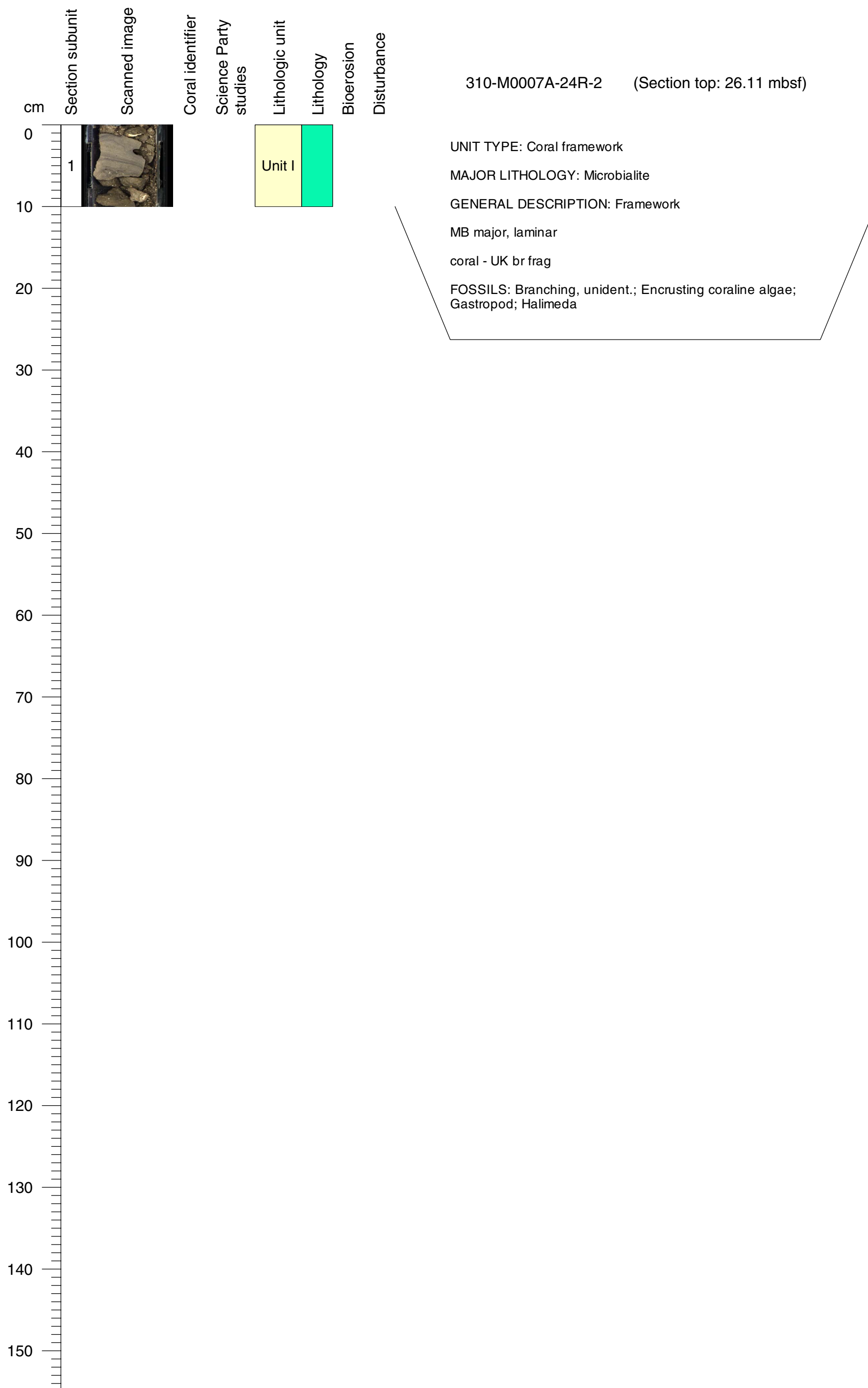


Core Photo

310-M0007A-24R-1 (Section top: 25.29 mbsf)

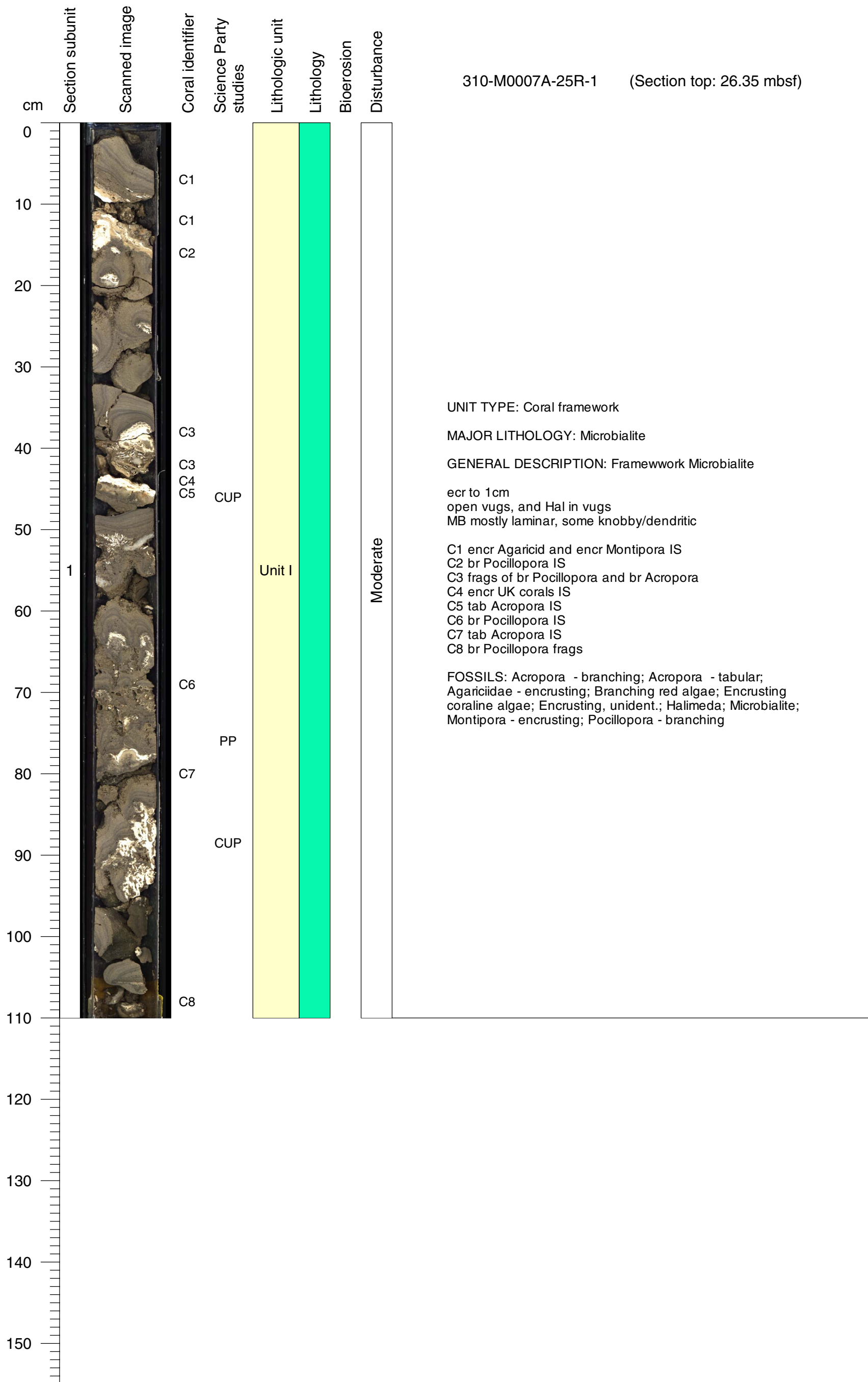


Core Photo

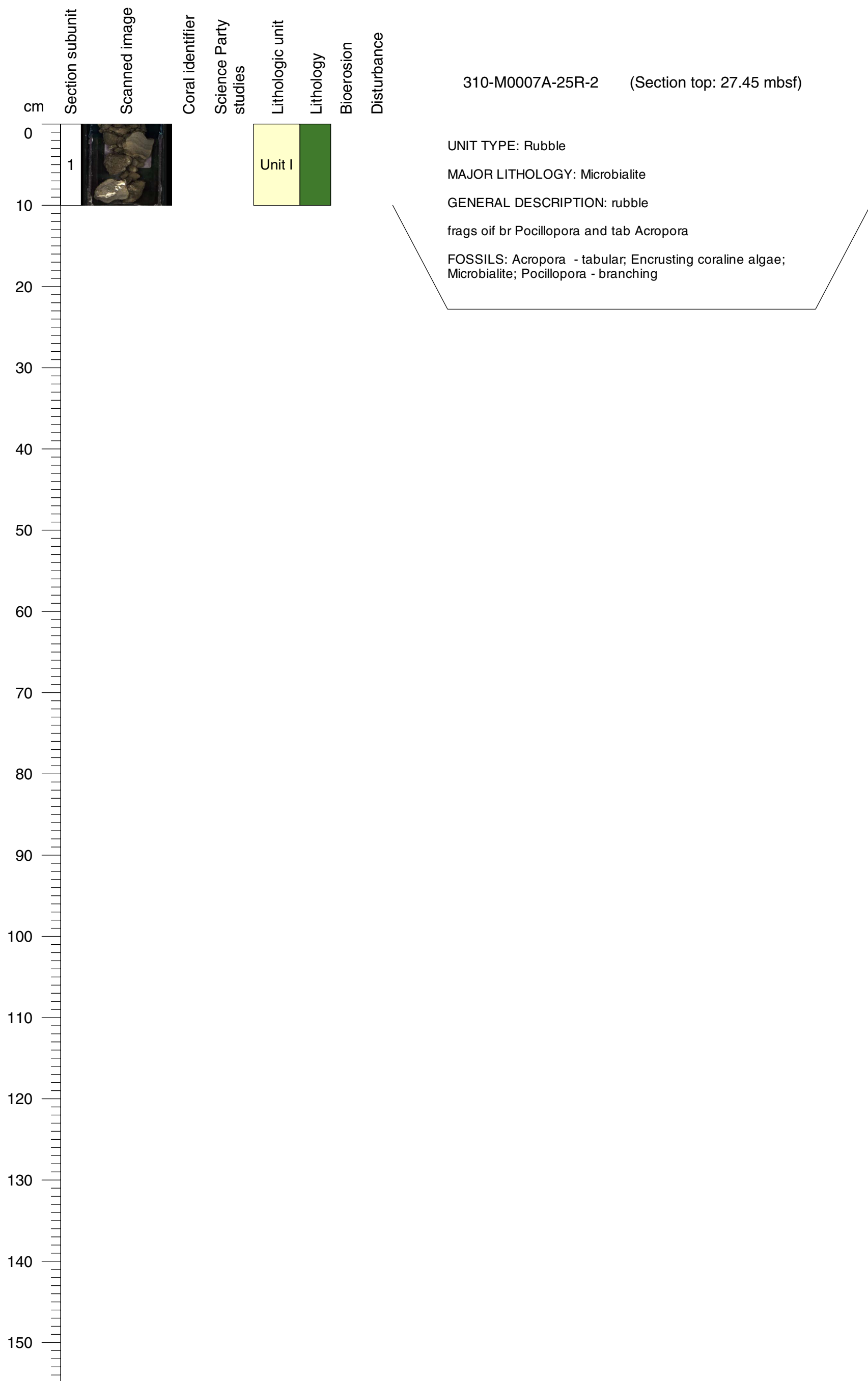


Core Photo

310-M0007A-25R-1 (Section top: 26.35 mbsf)




Core Photo



Core Photo

310-M0007A-26R-1 (Section top: 28.26 mbsf)

cm	Section subunit	Scanned image	Coral identifier	Science Party studies	Lithologic unit	Lithology	Bioerosion	Disturbance
0			C1		Unit I			
10			PP					
20	1		C2	CUP				
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Pocillopora - branching

GENERAL DESCRIPTION: framework

microbialite lamina smooth surface

Halimeda in pockets

Encrusting red algae (4mm)

open vugs

C1=broken fragments of robust br Pocillopora and tabular

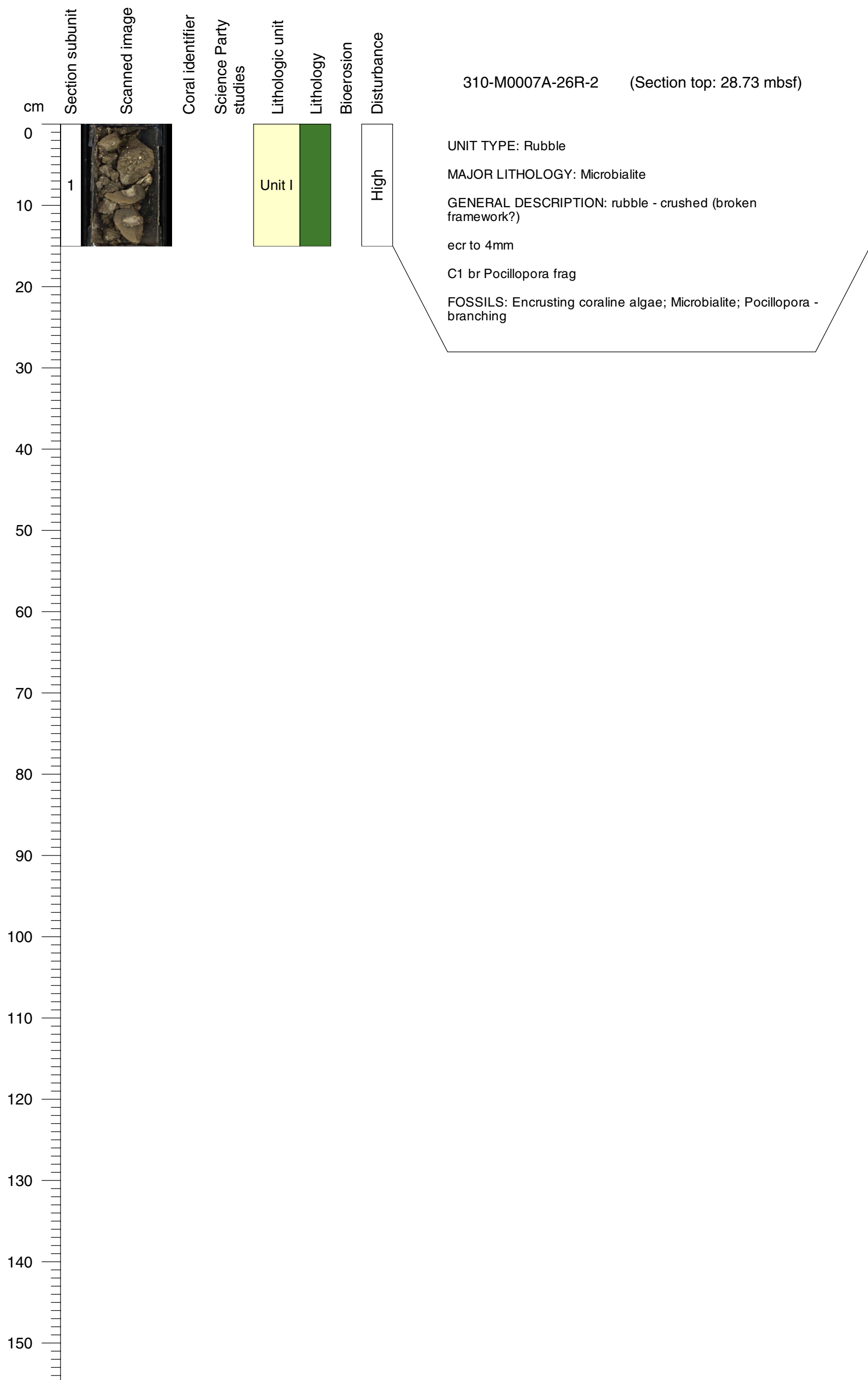
Acropora

C2=br Pocillopora IS

FOSSILS: Acropora - tabular; Encrusting coralline algae; Halimeda; Microbialite; Pocillopora - branching ; Pocillopora - robust branching

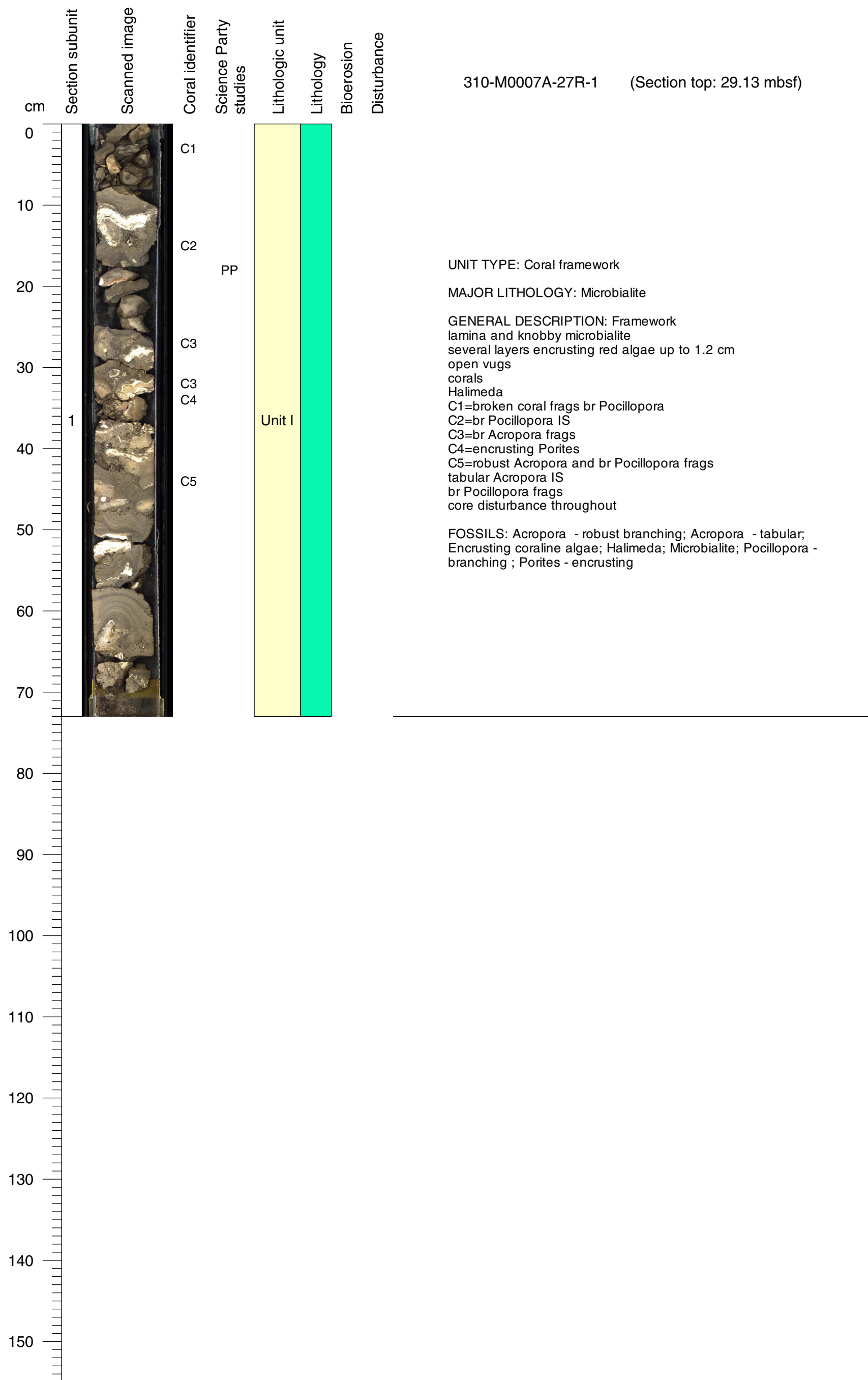


Core Photo

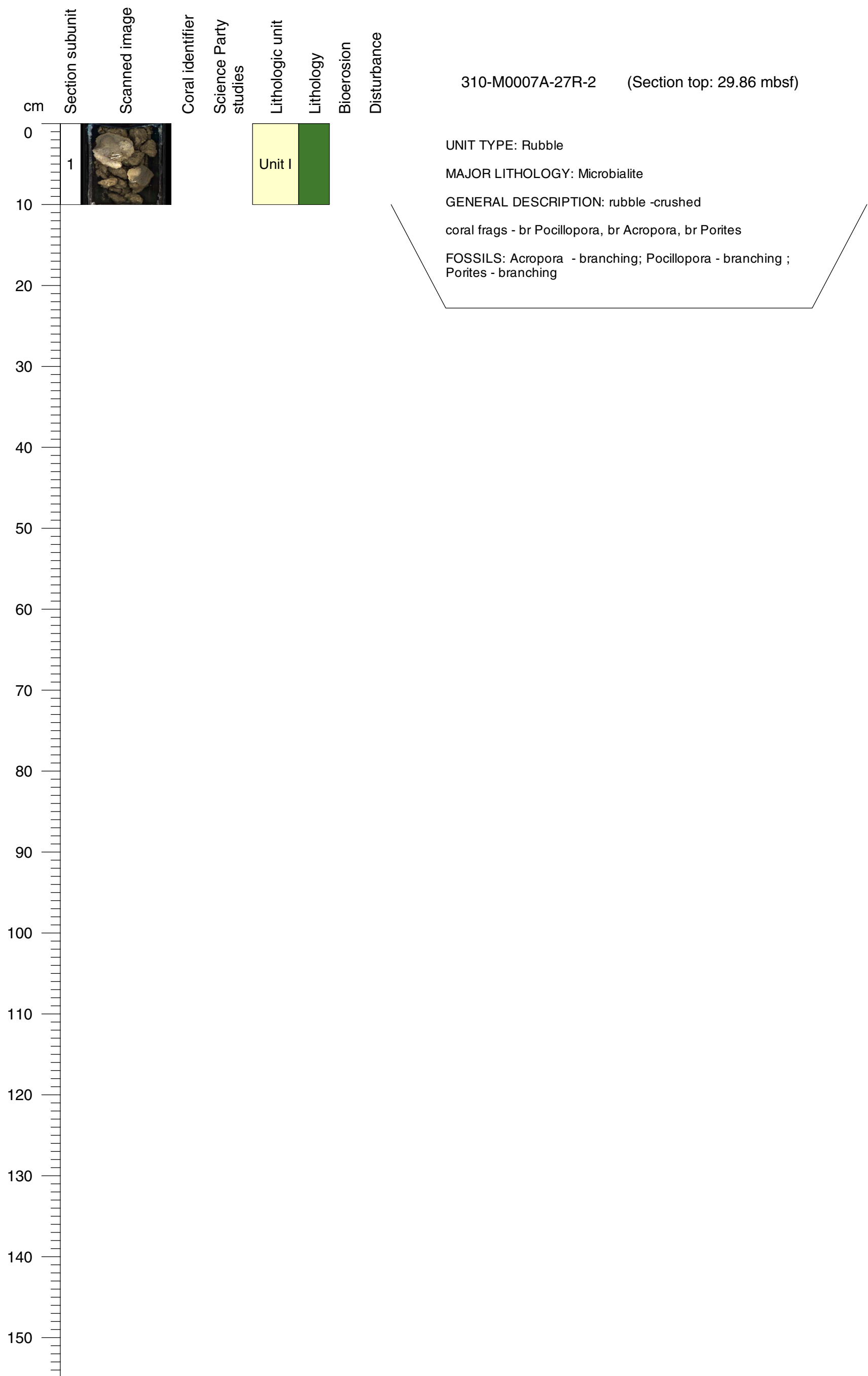


Core Photo

310-M0007A-27R-1 (Section top: 29.13 mbsf)

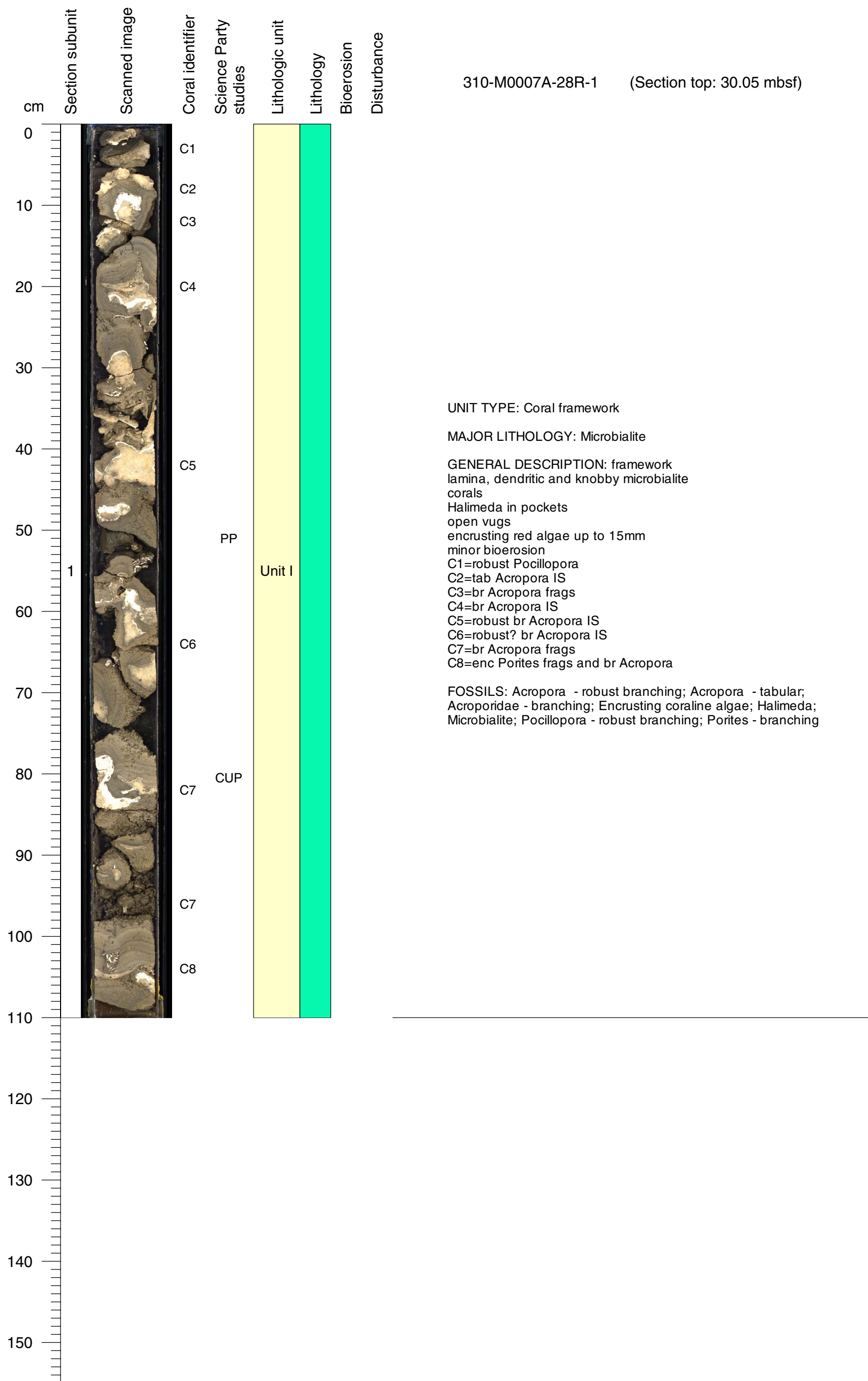


Core Photo

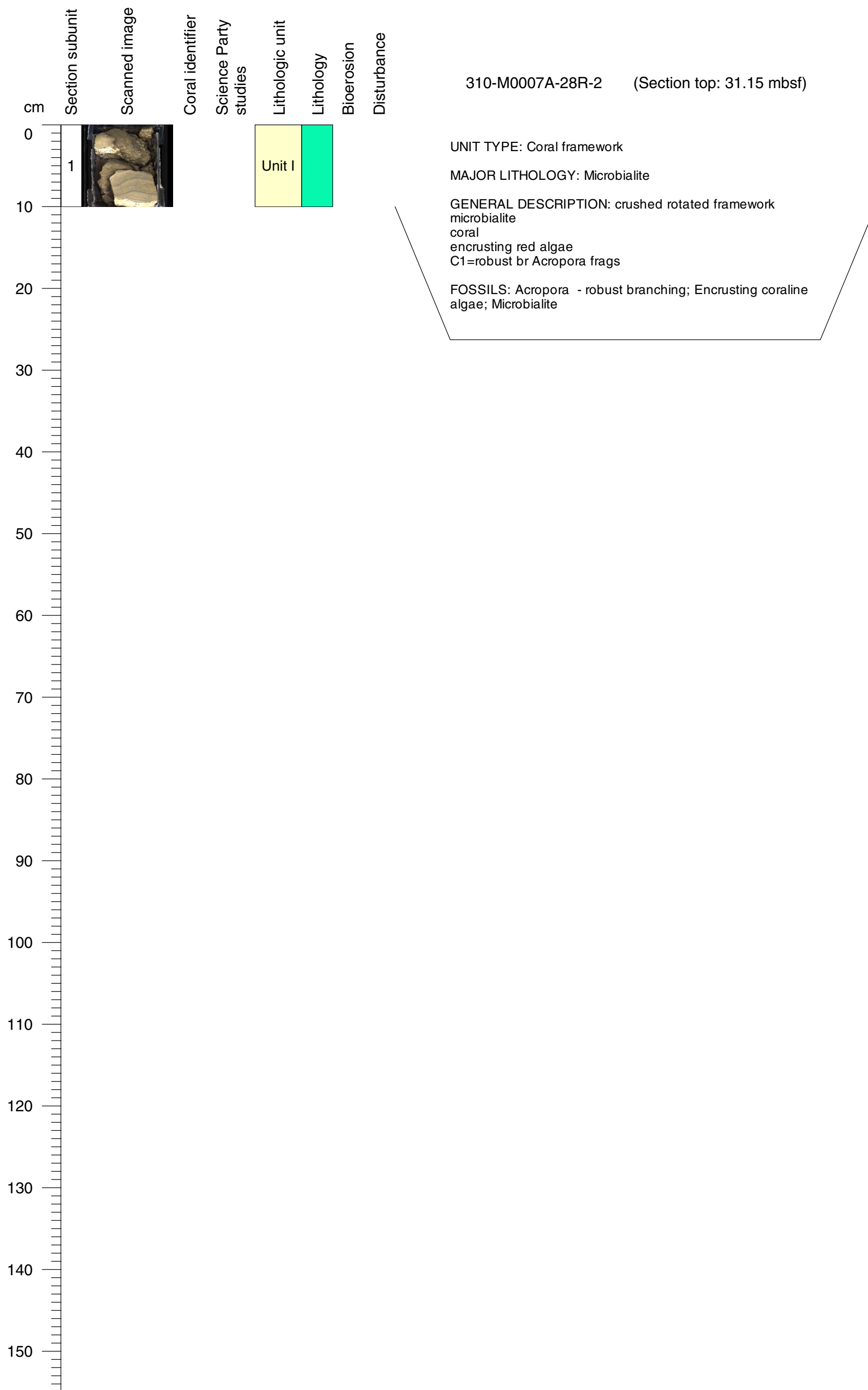


Core Photo

310-M0007A-28R-1 (Section top: 30.05 mbsf)

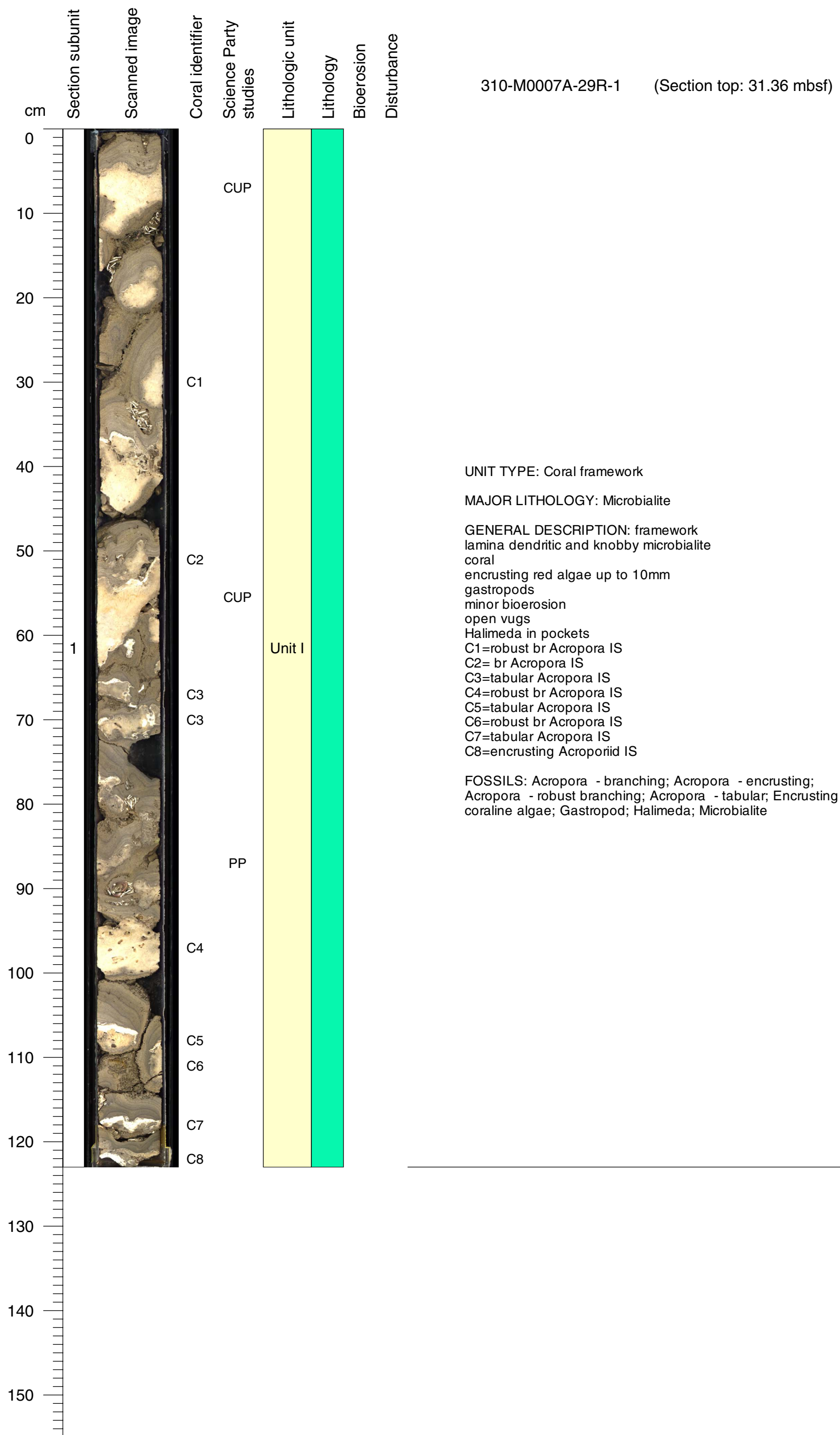


Core Photo



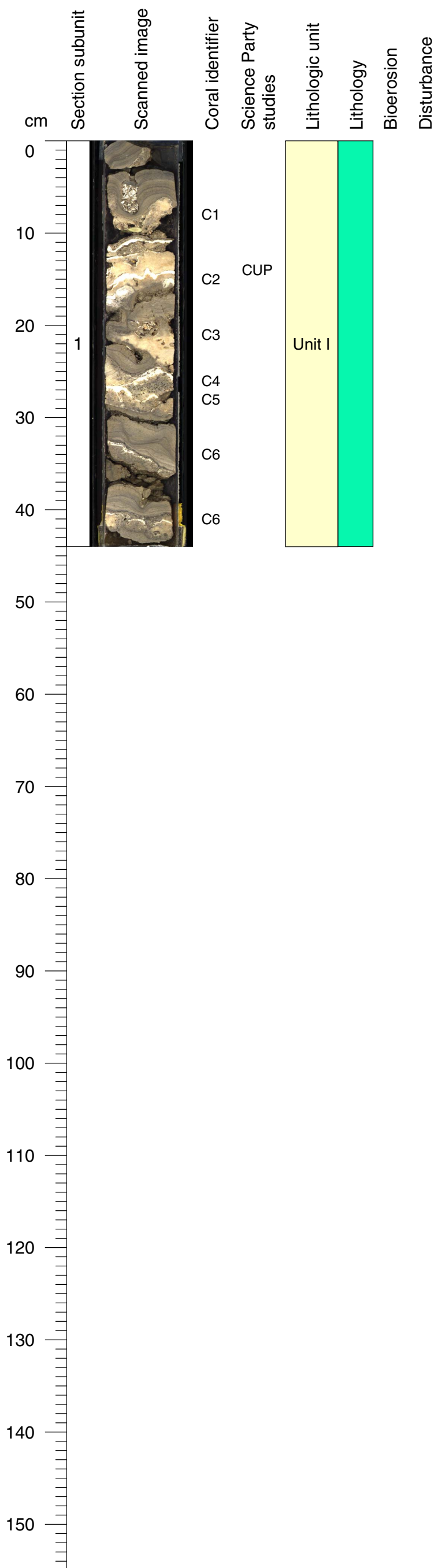
Core Photo

310-M0007A-29R-1 (Section top: 31.36 mbsf)



Core Photo

310-M0007A-29R-2 (Section top: 32.59 mbsf)



UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Microbialite

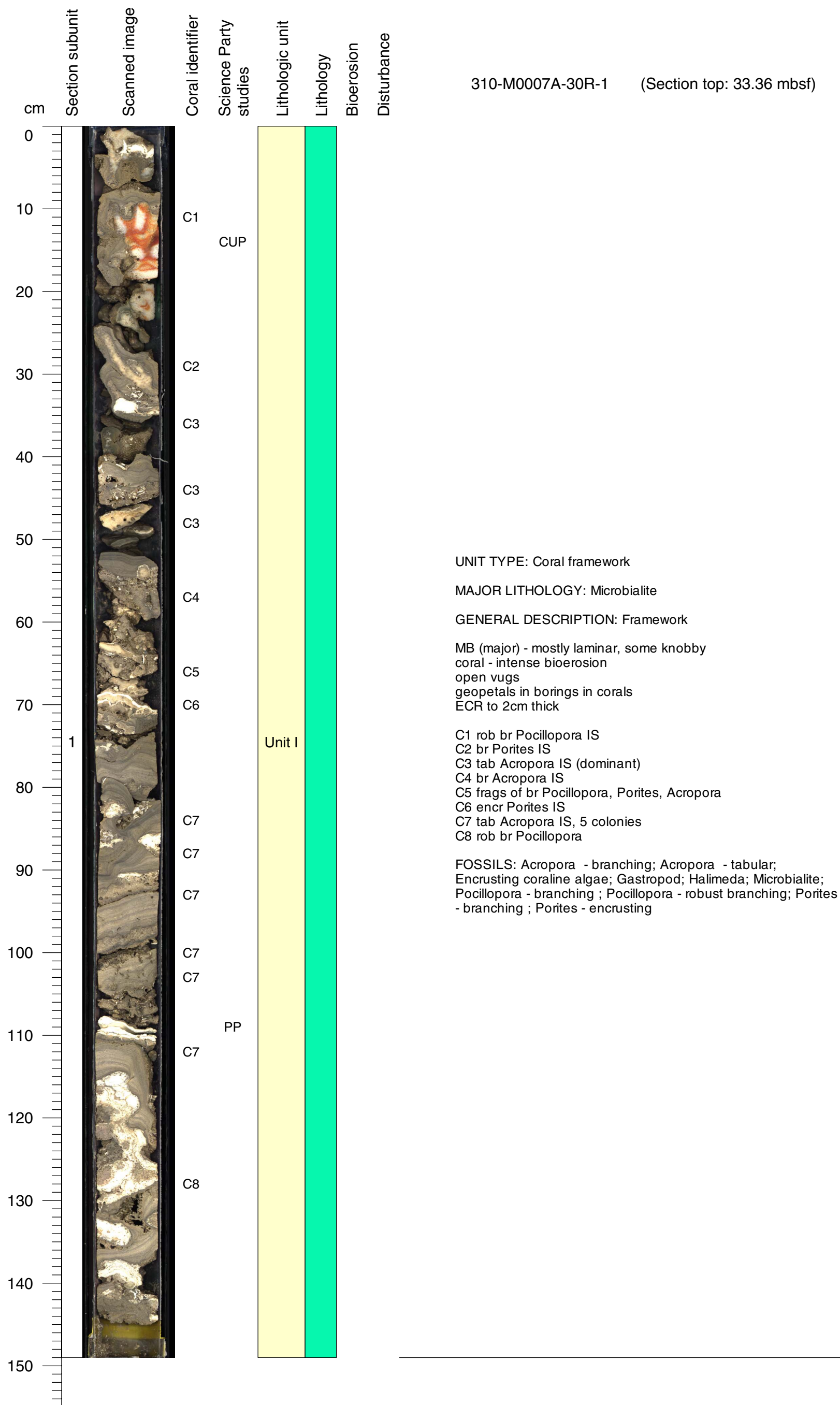
GENERAL DESCRIPTION: framework
 lamina microbialite note: strong morphology 3cm columnar growth with smooth surface
 intense bioerosion of corals and encrusting red algae corals
 encrusting red algae up to 5mm
 open vugs
 Halimeda in pockets
 C1=br Pocillopora and br Acropora
 C2=encrusting Acroporid IS (3 colonies)
 C3=tabular Acropora IS
 C4=encrusting Faviid (Favia) IS
 C5=tabular Acropora IS
 C6=tabular Acropora IS

FOSSILS: Acropora - branching; Acropora - encrusting; Acropora - tabular; Encrusting coralline algae; Halimeda; Microbialite; Pocillopora - branching



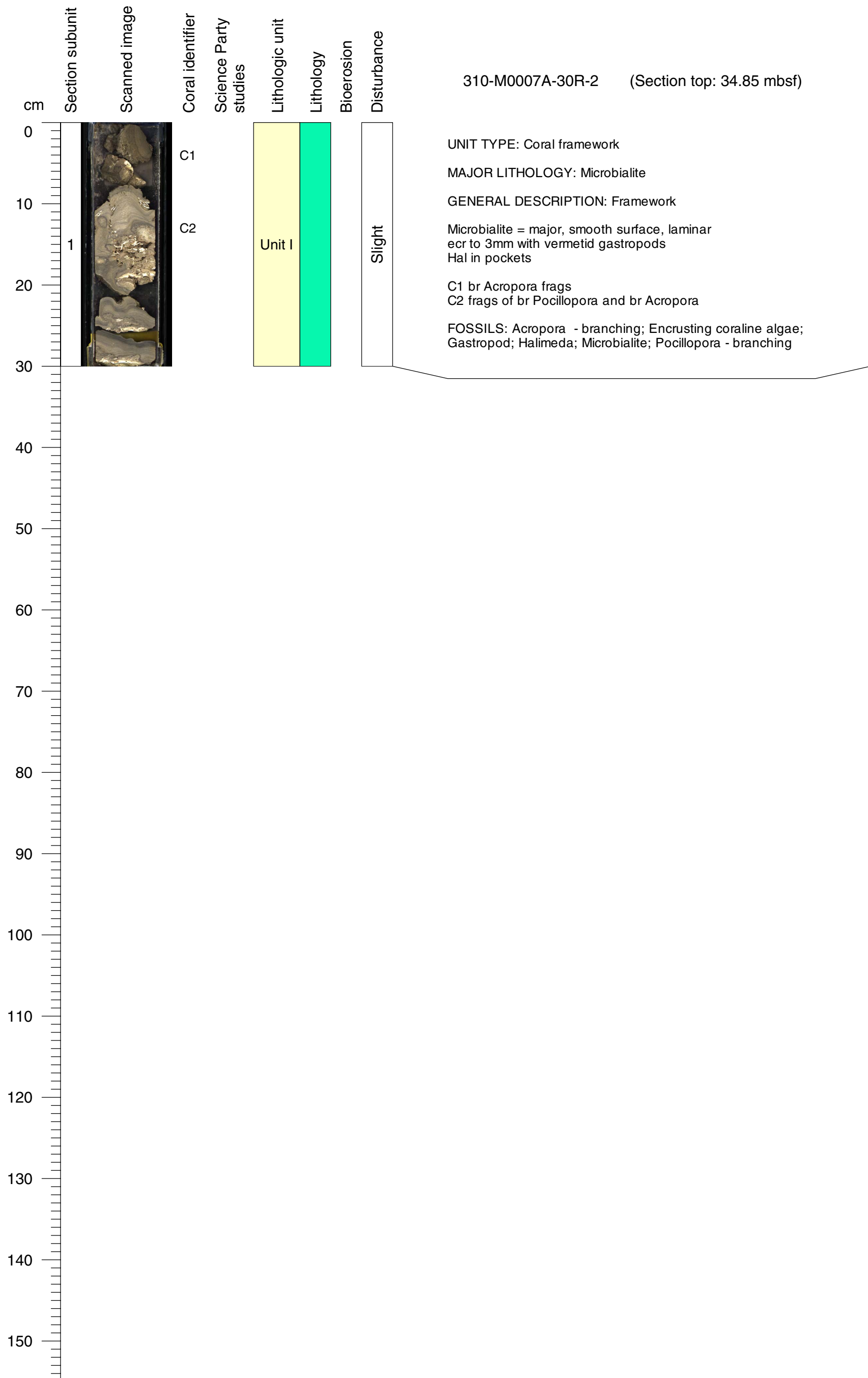
Core Photo

310-M0007A-30R-1 (Section top: 33.36 mbsf)



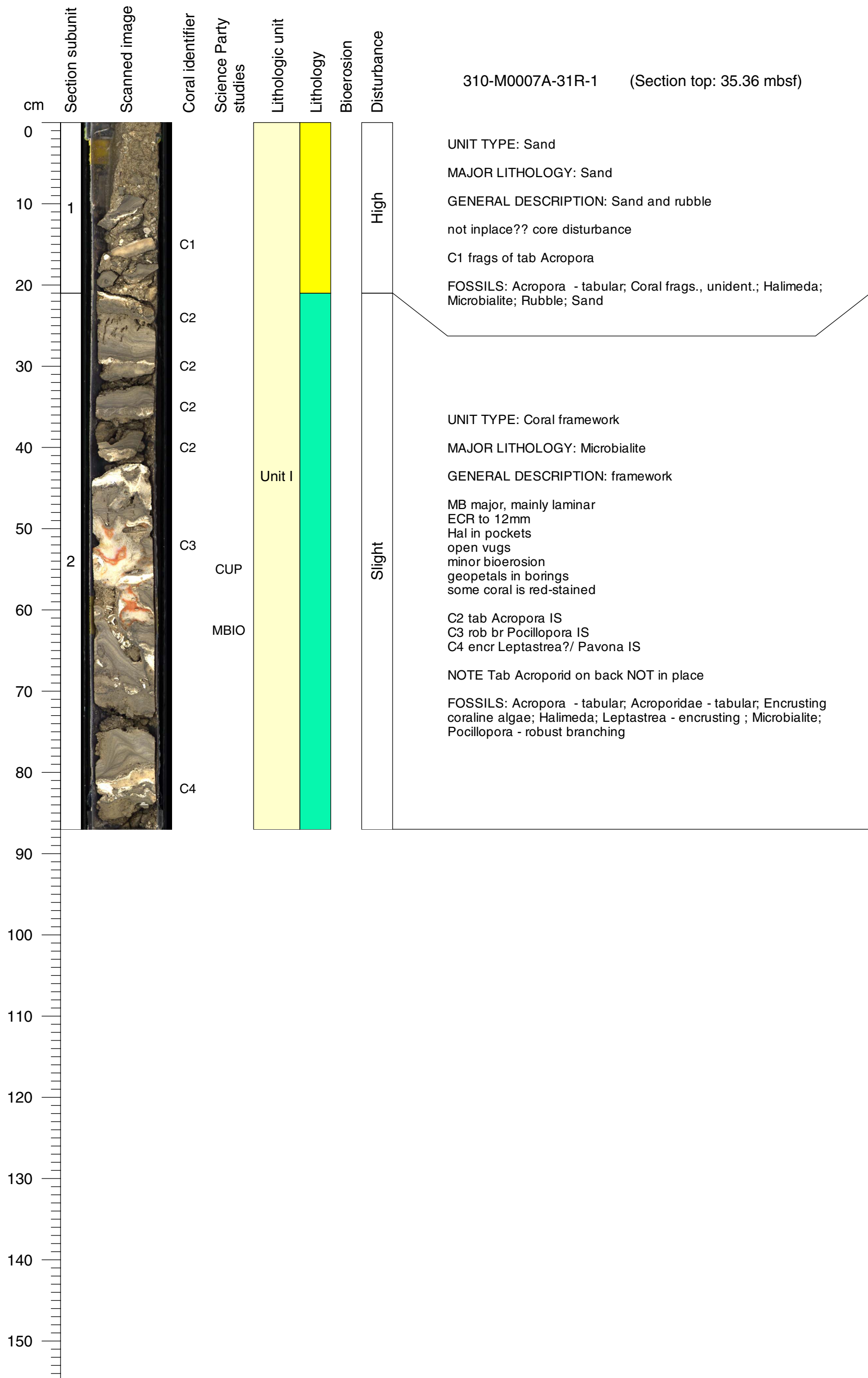
Core Photo

310-M0007A-30R-2 (Section top: 34.85 mbsf)



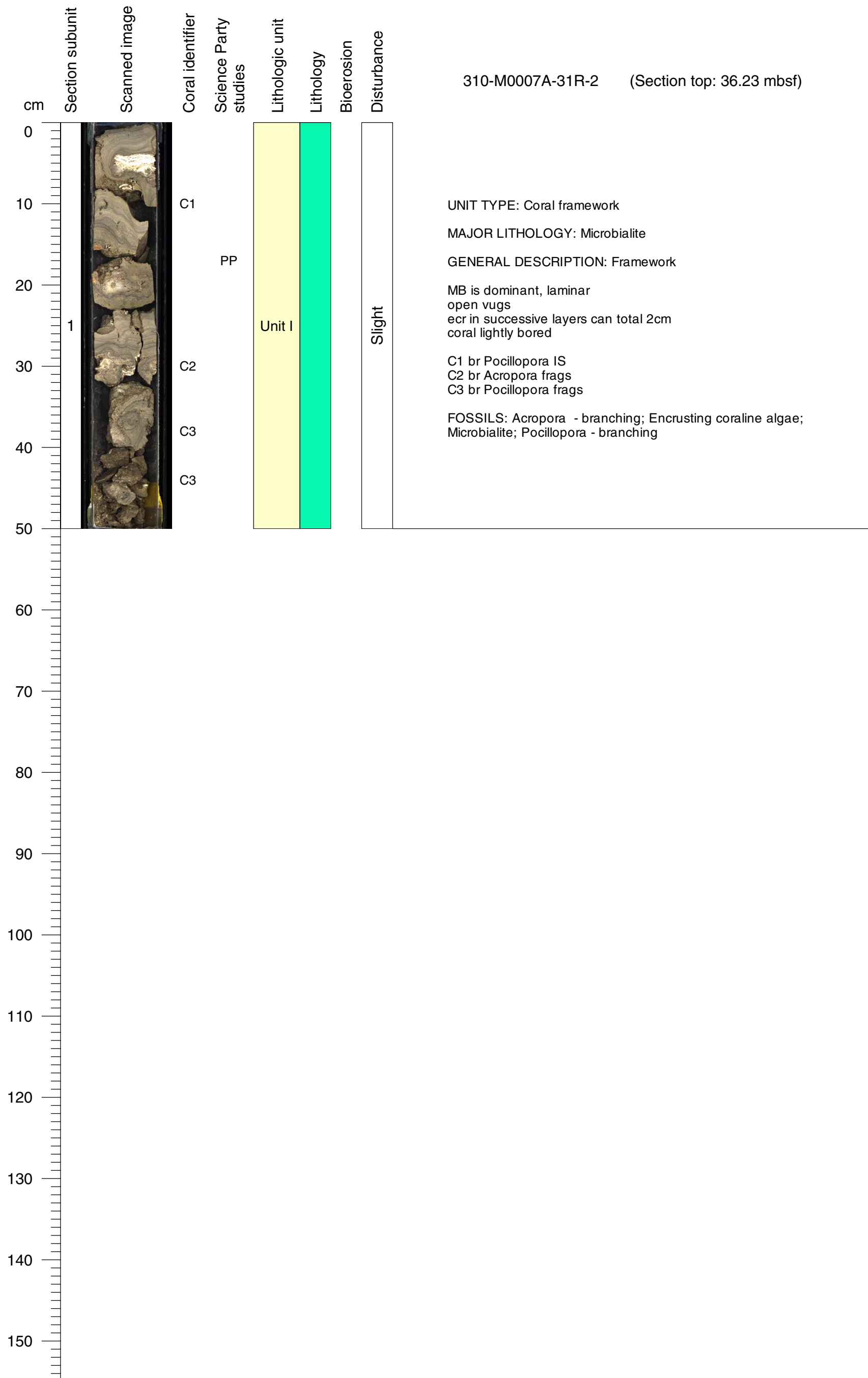
Core Photo

310-M0007A-31R-1 (Section top: 35.36 mbsf)



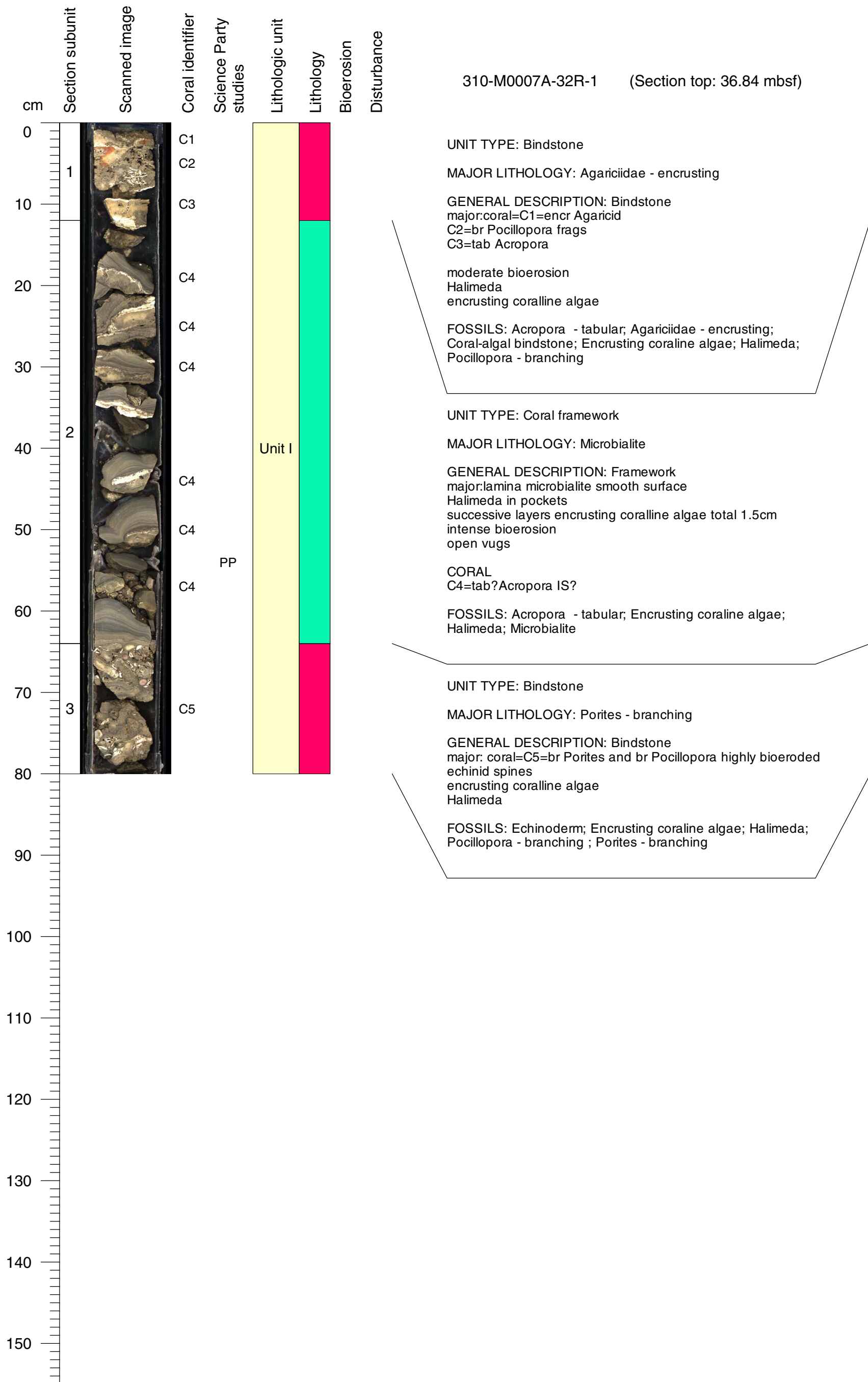
Core Photo

310-M0007A-31R-2 (Section top: 36.23 mbsf)



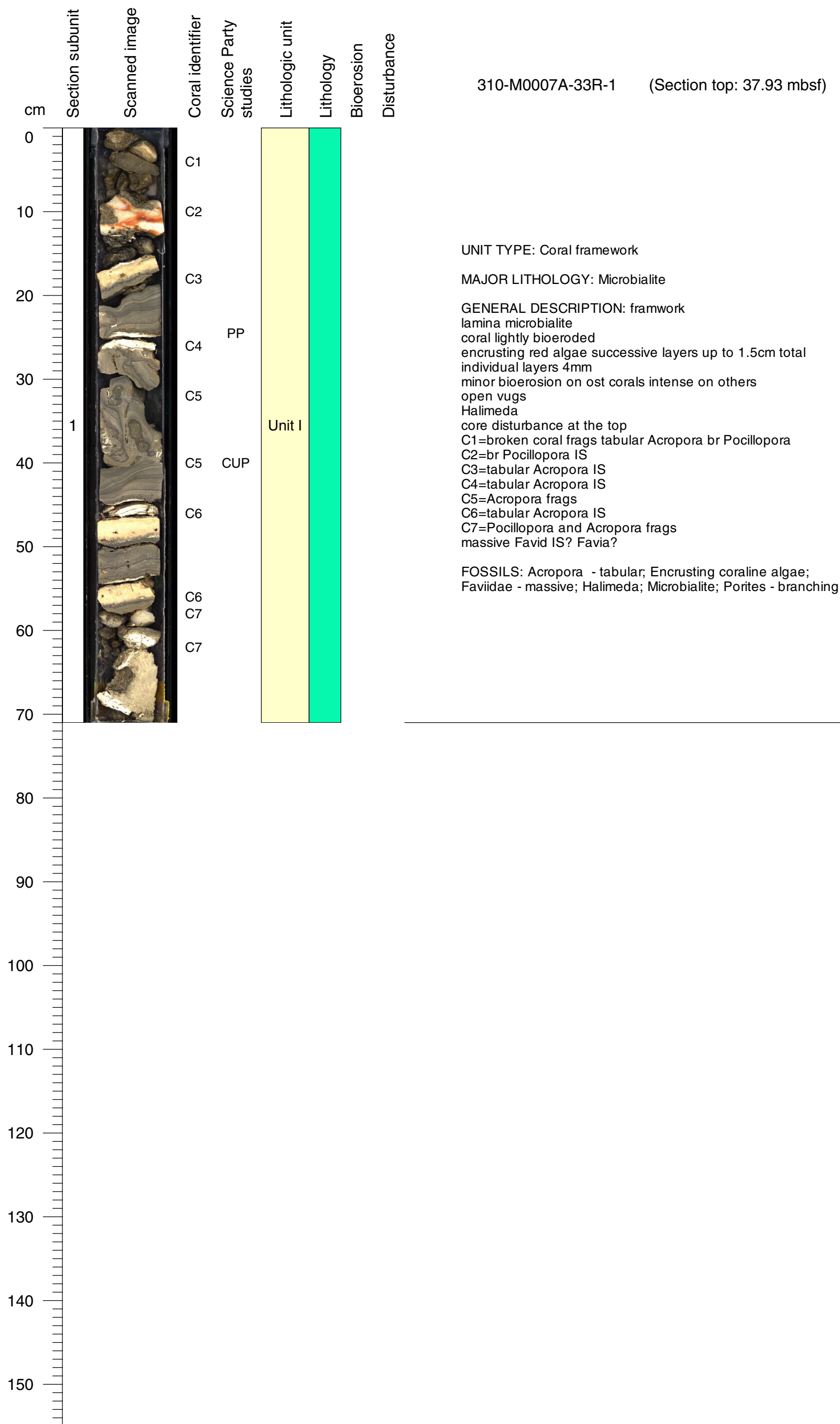
Core Photo

310-M0007A-32R-1 (Section top: 36.84 mbsf)

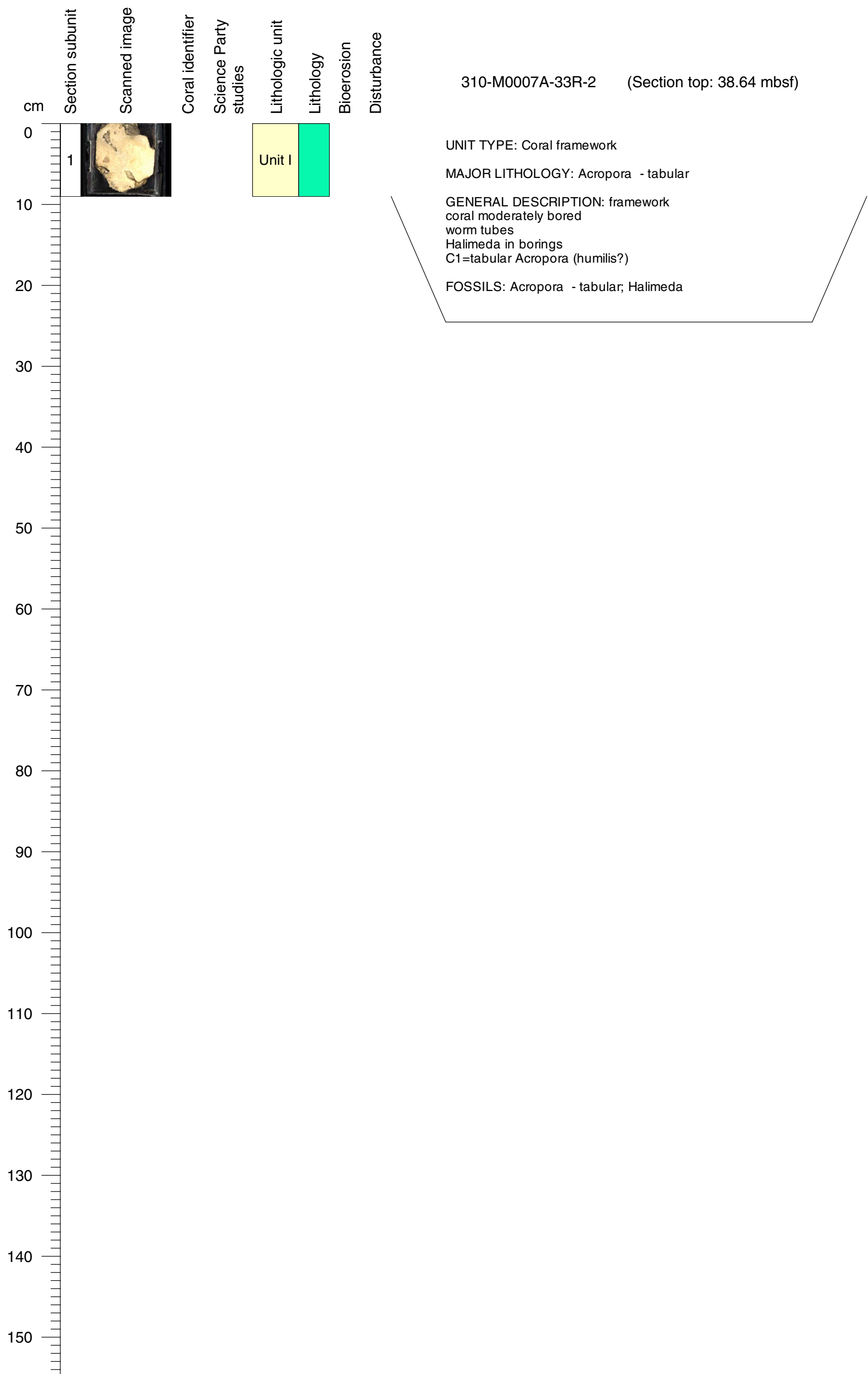


Core Photo

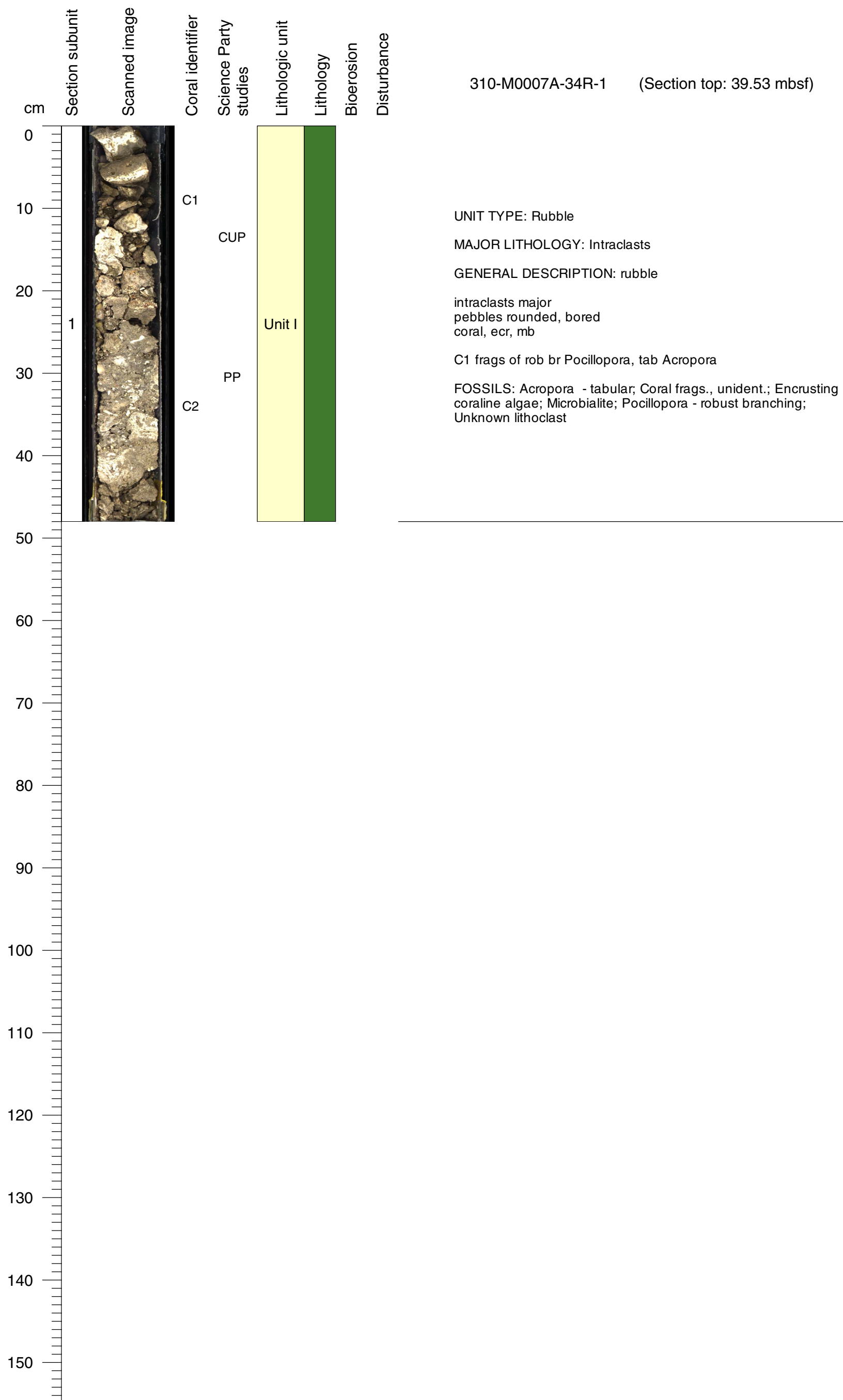
310-M0007A-33R-1 (Section top: 37.93 mbsf)



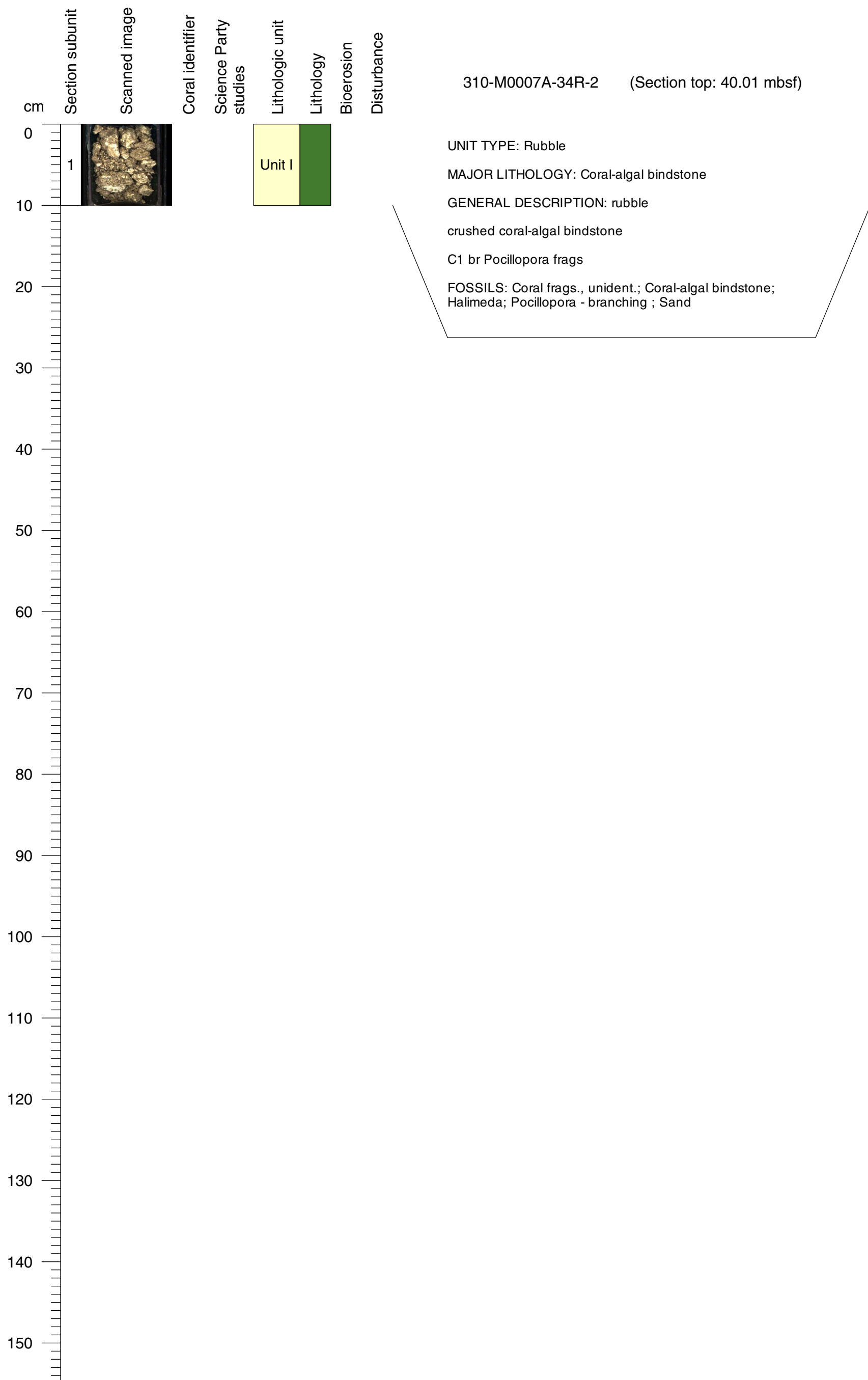
Core Photo



Core Photo

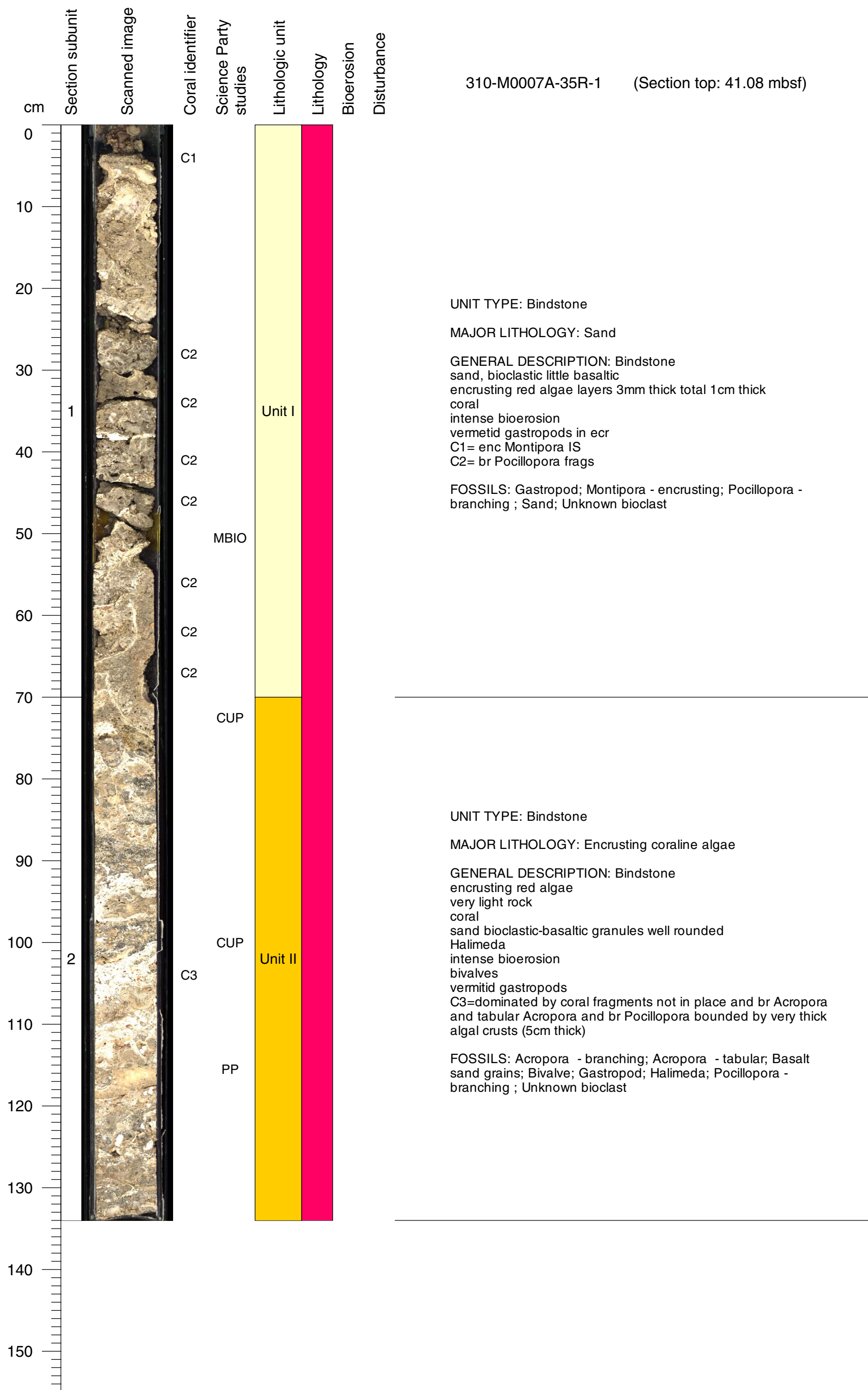


Core Photo



Core Photo

310-M0007A-35R-1 (Section top: 41.08 mbsf)



Core Photo

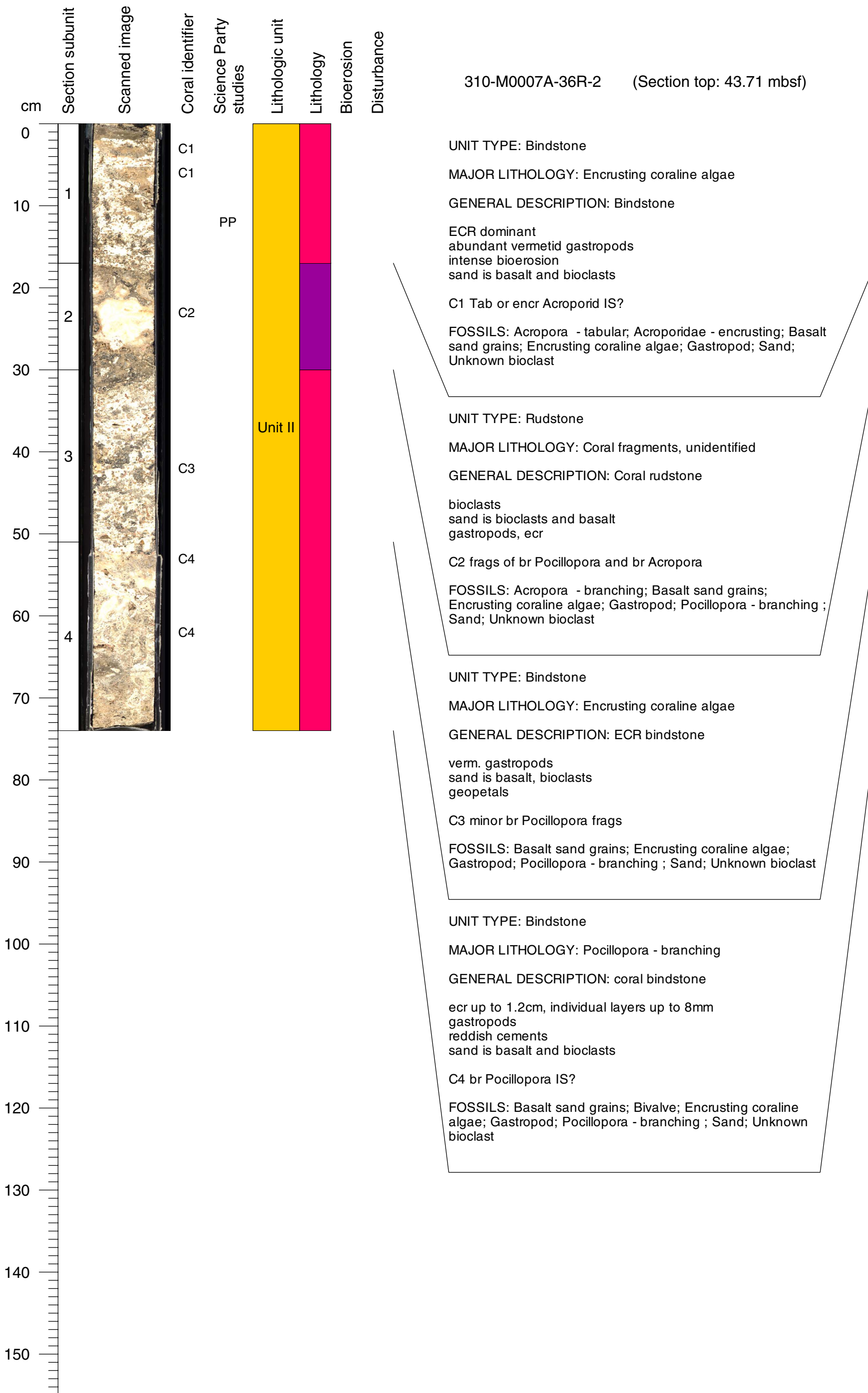
310-M0007A-36R-1 (Section top: 42.4 mbsf)

cm	Section subunit	Scanned image	Coral identifier	Science Party studies	Lithologic unit	Lithology	Bioerosion	Disturbance	
0									
10				CUP					
20									UNIT TYPE: Bindstone
30				C1					MAJOR LITHOLOGY: Coral fragments
40	1								GENERAL DESCRIPTION: Heterogeneous bindstone
50									coral dom? intense bioerosion, geopetals in borings ECR to 3cm, individual layers 6mm sand is bioclastic and basaltic well rounded granules of bioclasts vermetid gastropods
60				C3					C1 fragments of br and tab Acropora C3 encr UK, IS? C4 Acroporid frags
70				C4	Unit II				FOSSILS: Acropora - branching; Acropora - tabular; Acroporidae - branching; Basalt sand grains; Bivalve; Encrusting coralline algae; Gastropod; Sand; Unknown bioclast
80				C4					
90									UNIT TYPE: Bindstone
100	2			C5					MAJOR LITHOLOGY: Encrusting coralline algae
110									GENERAL DESCRIPTION: Bindstone
120									ECR is dominant intense bioerosion vermetid gastropods in ECR sands are bioclastic and basalt
130									C4 Acroporid frags C5 coral-algal bindstone incl encr Montipora IS C6 tab Acropora frag
140									FOSSILS: Acropora - tabular; Acroporidae - branching; Basalt sand grains; Coral-algal bindstone; Encrusting coralline algae; Gastropod; Halimeda; Montipora - encrusting; Sand; Unknown bioclast
150									



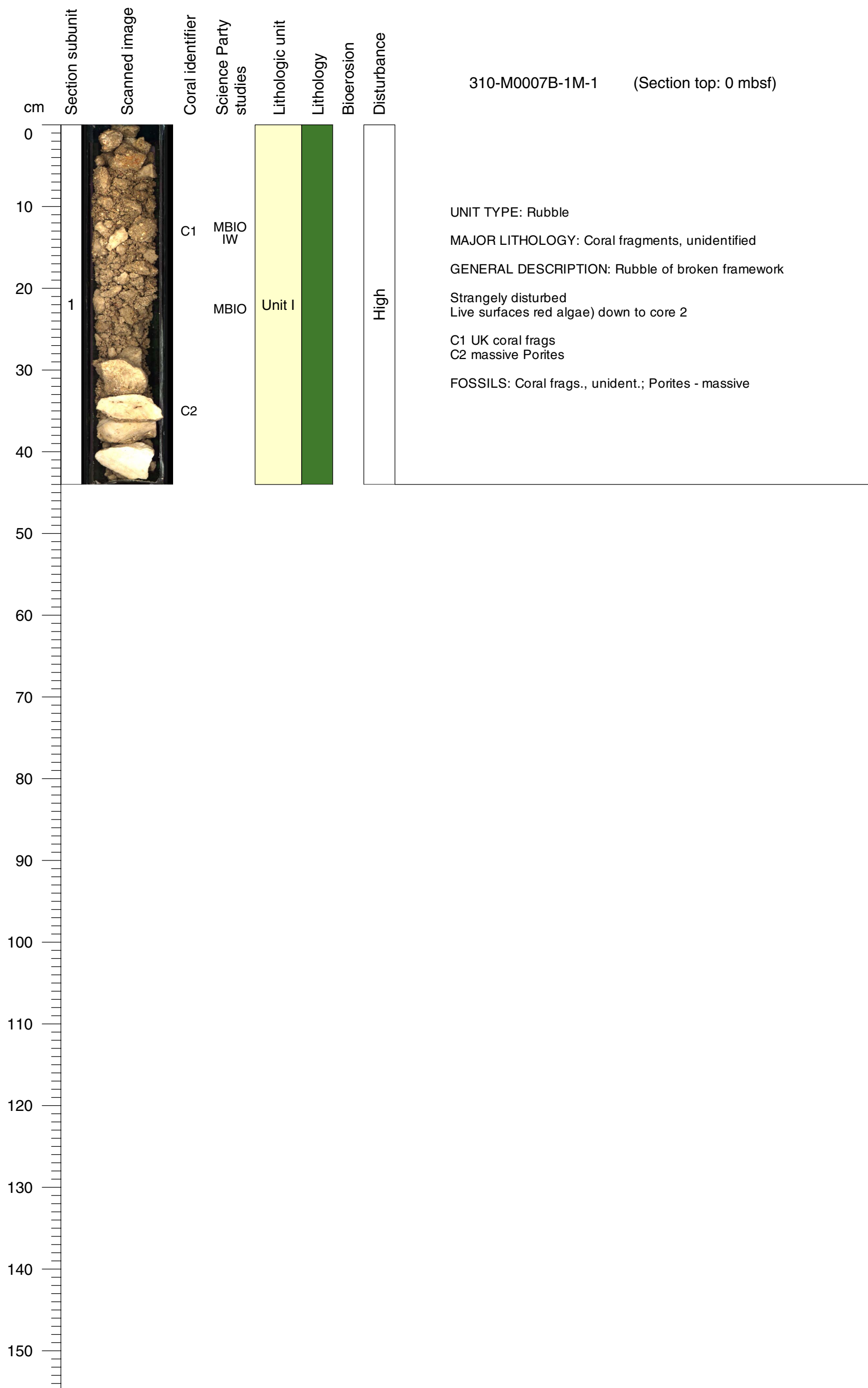
Core Photo

310-M0007A-36R-2 (Section top: 43.71 mbsf)

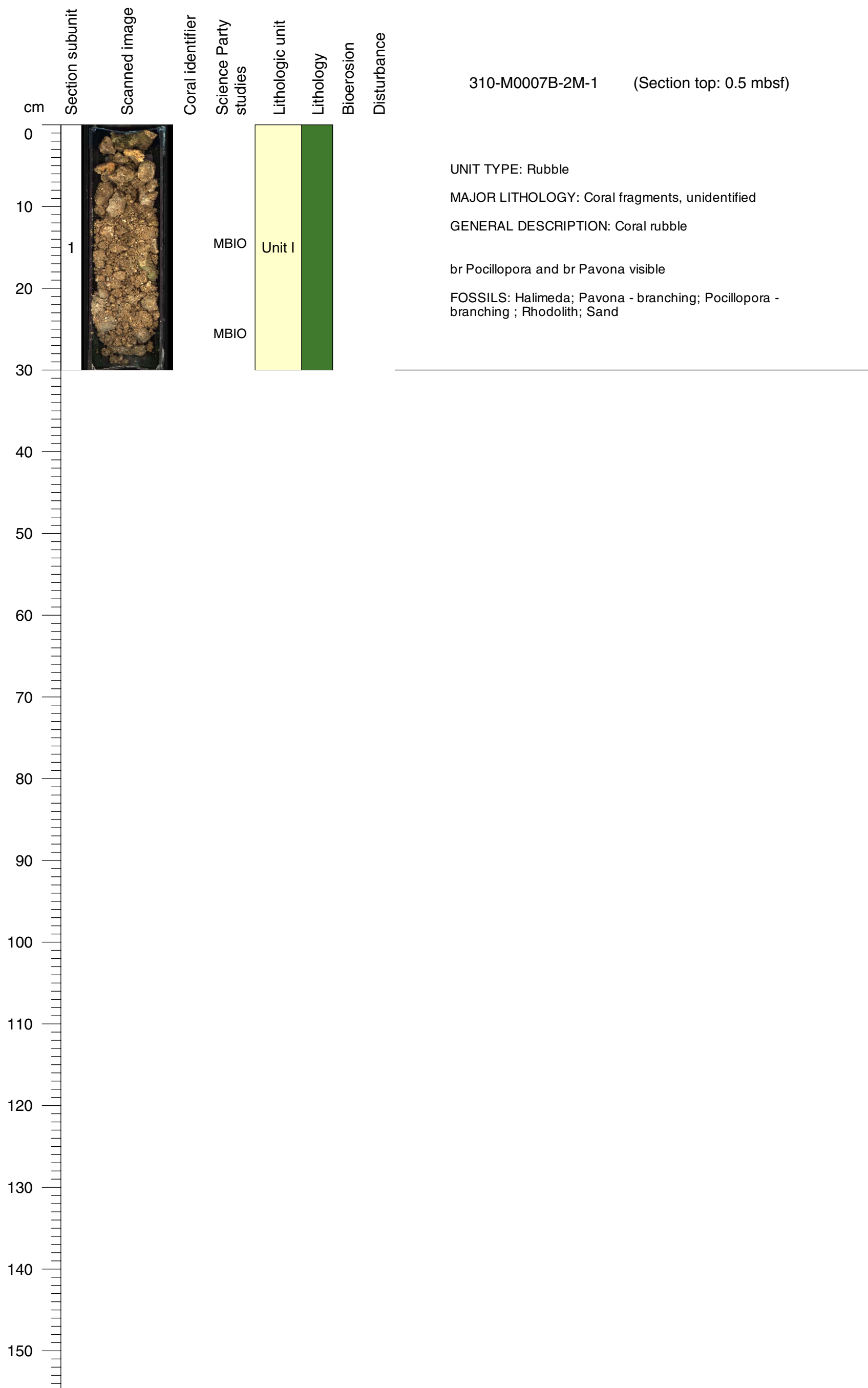


Core Photo

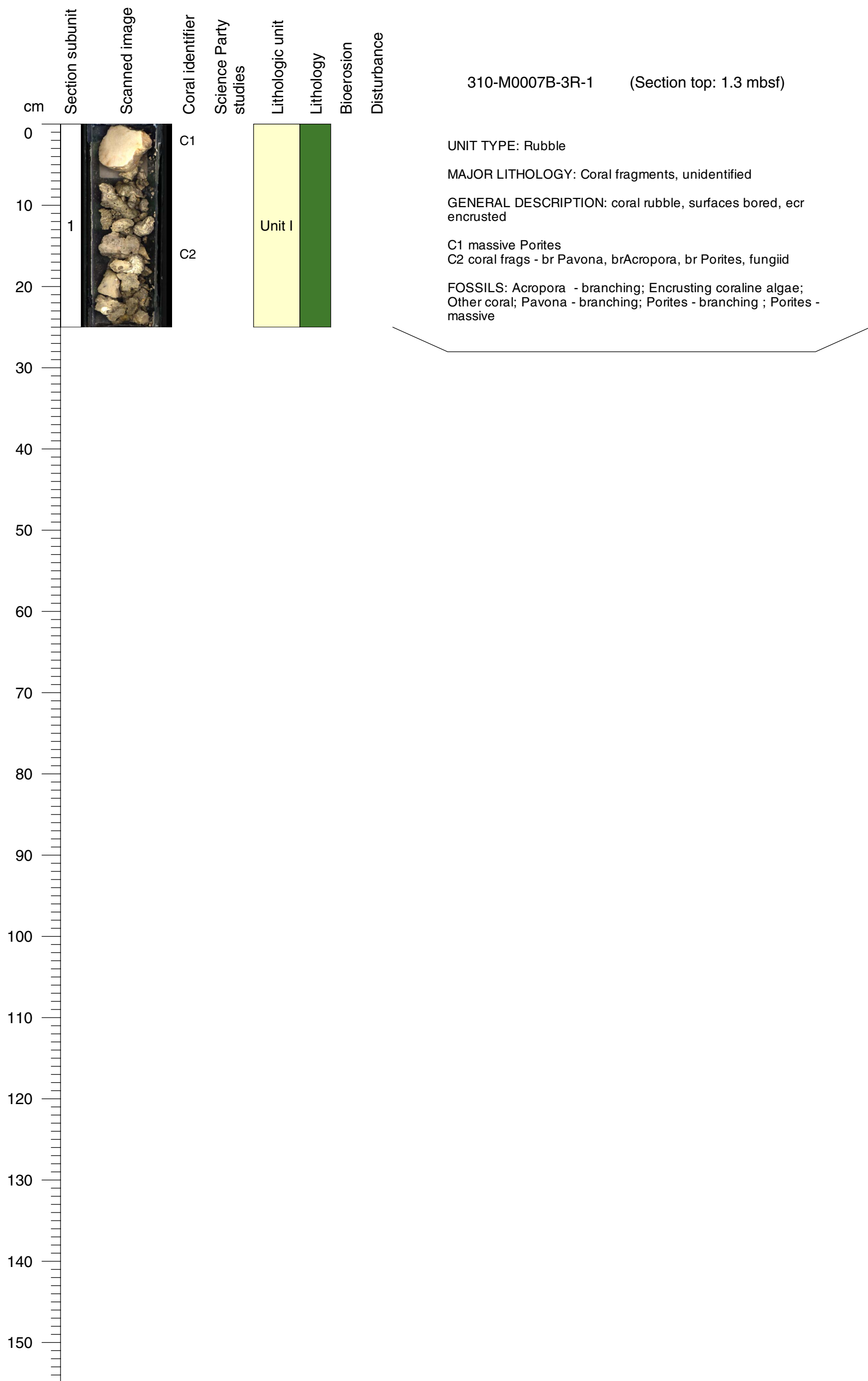
310-M0007B-1M-1 (Section top: 0 mbsf)



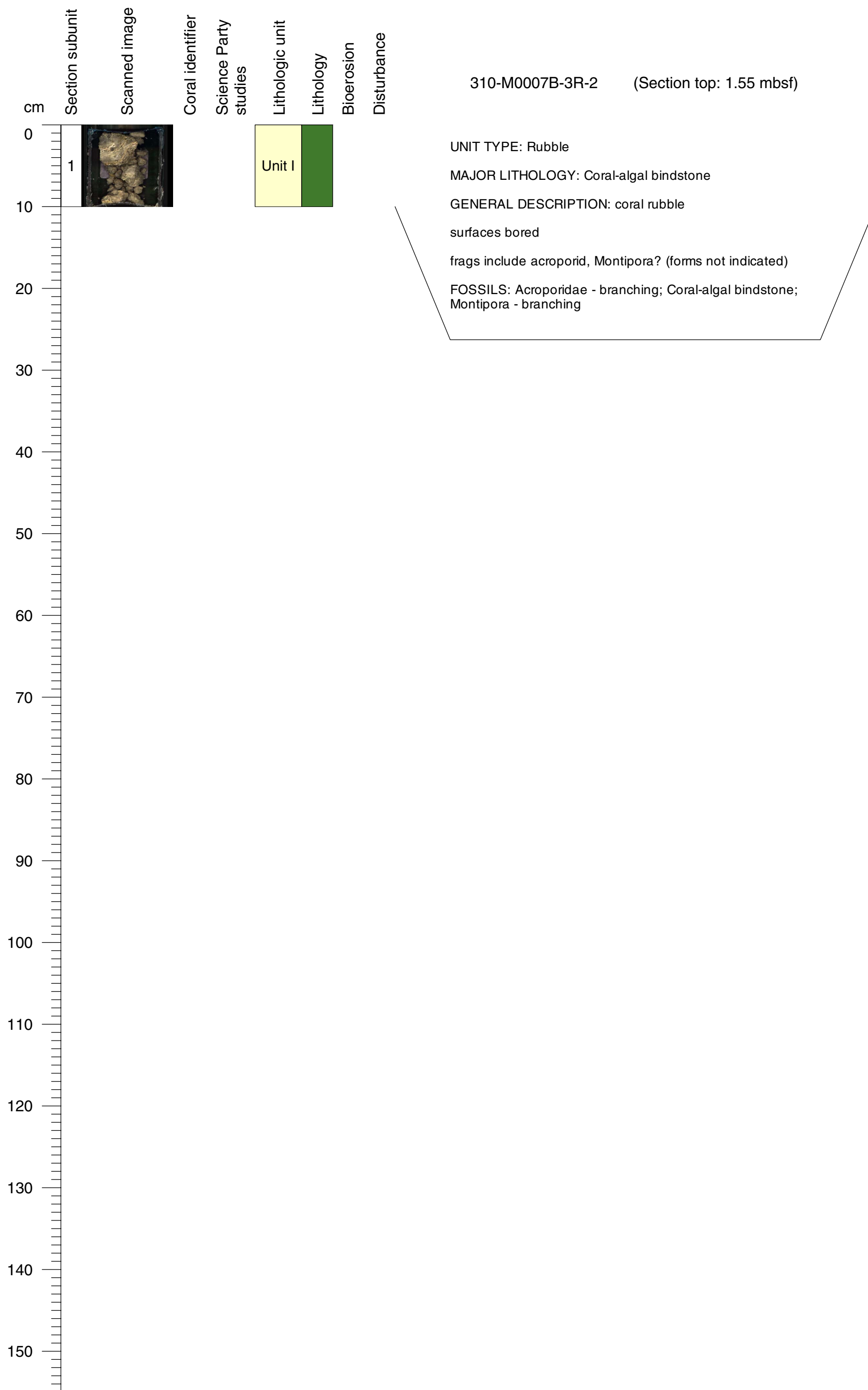
Core Photo



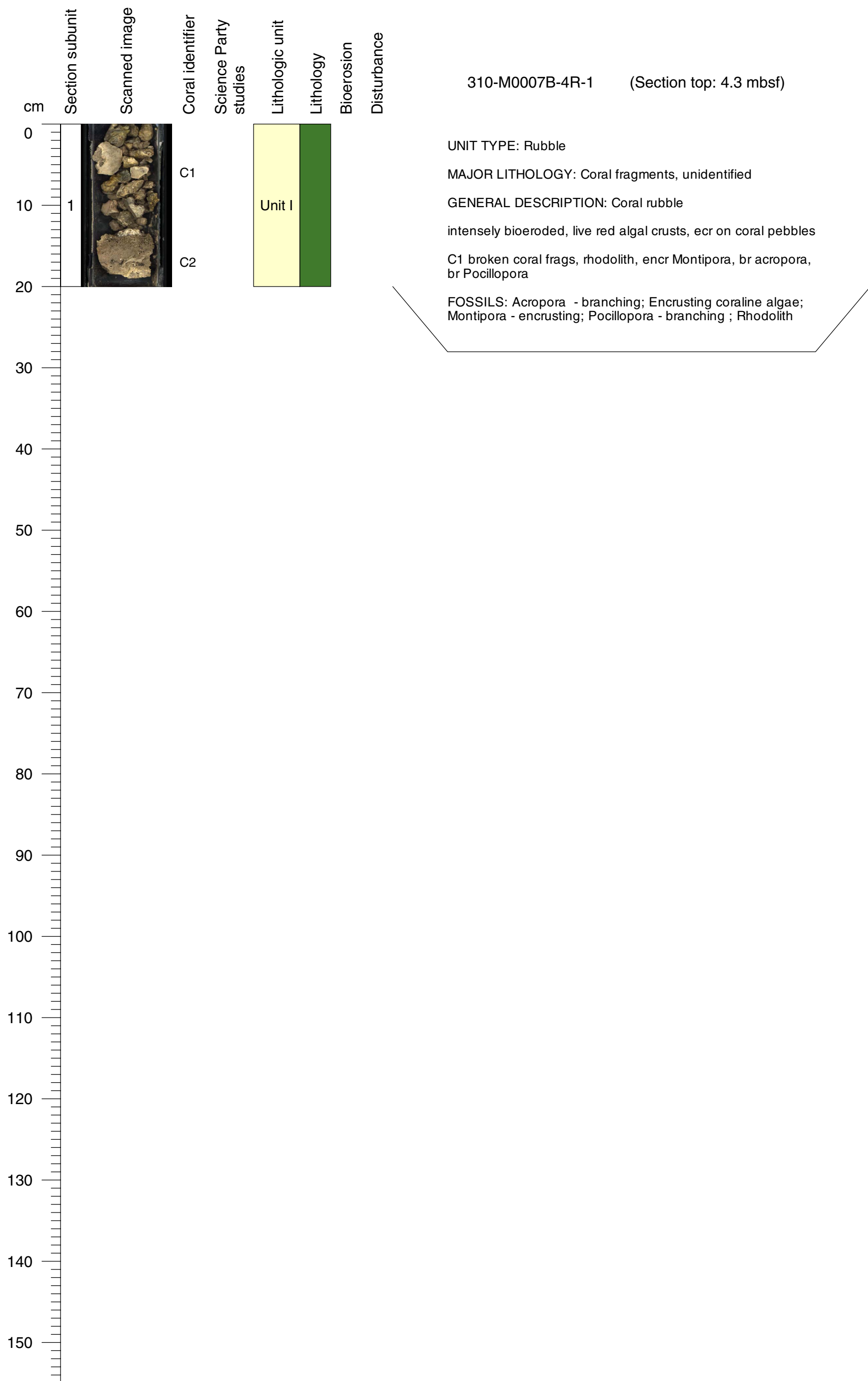
Core Photo



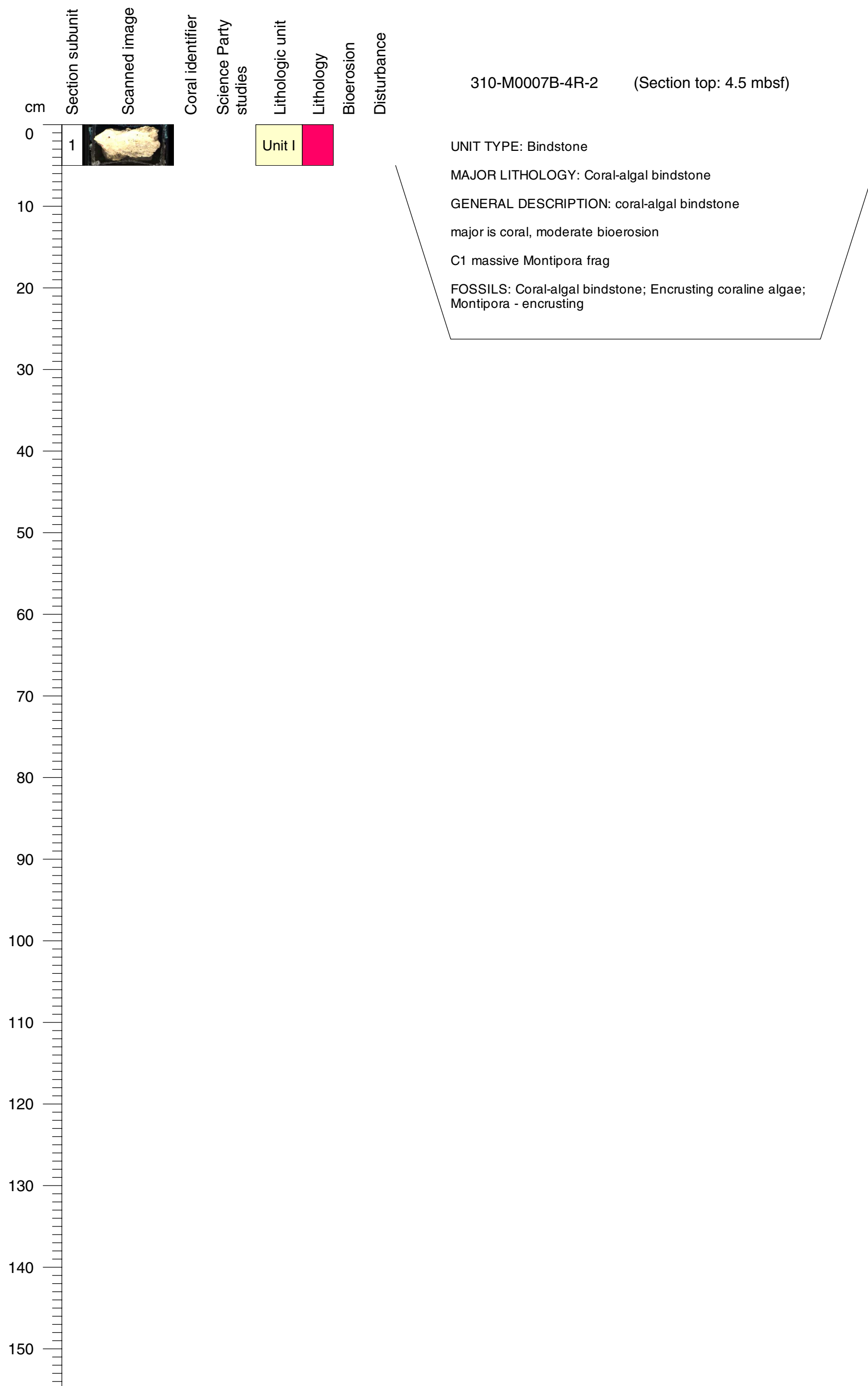
Core Photo



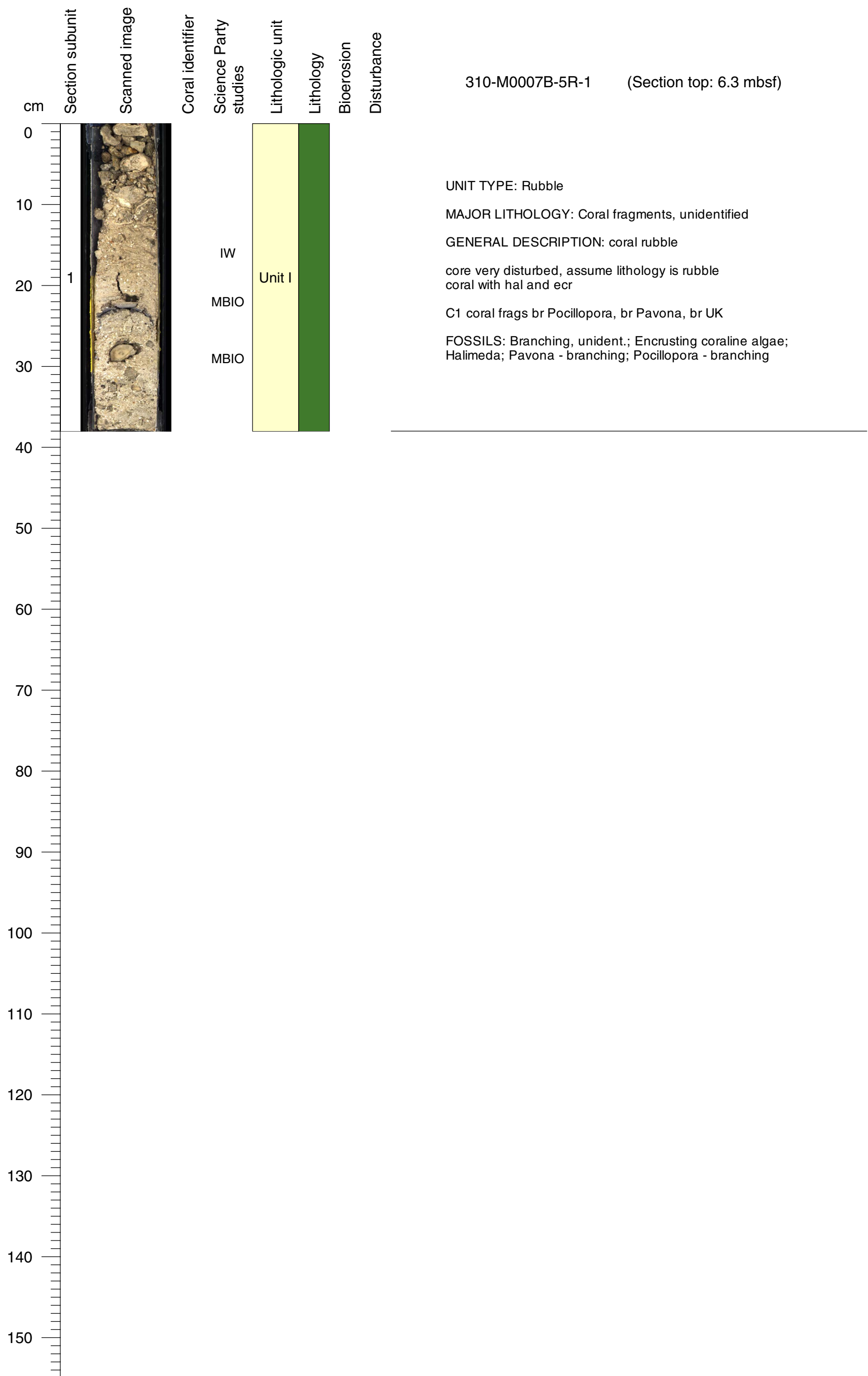
Core Photo



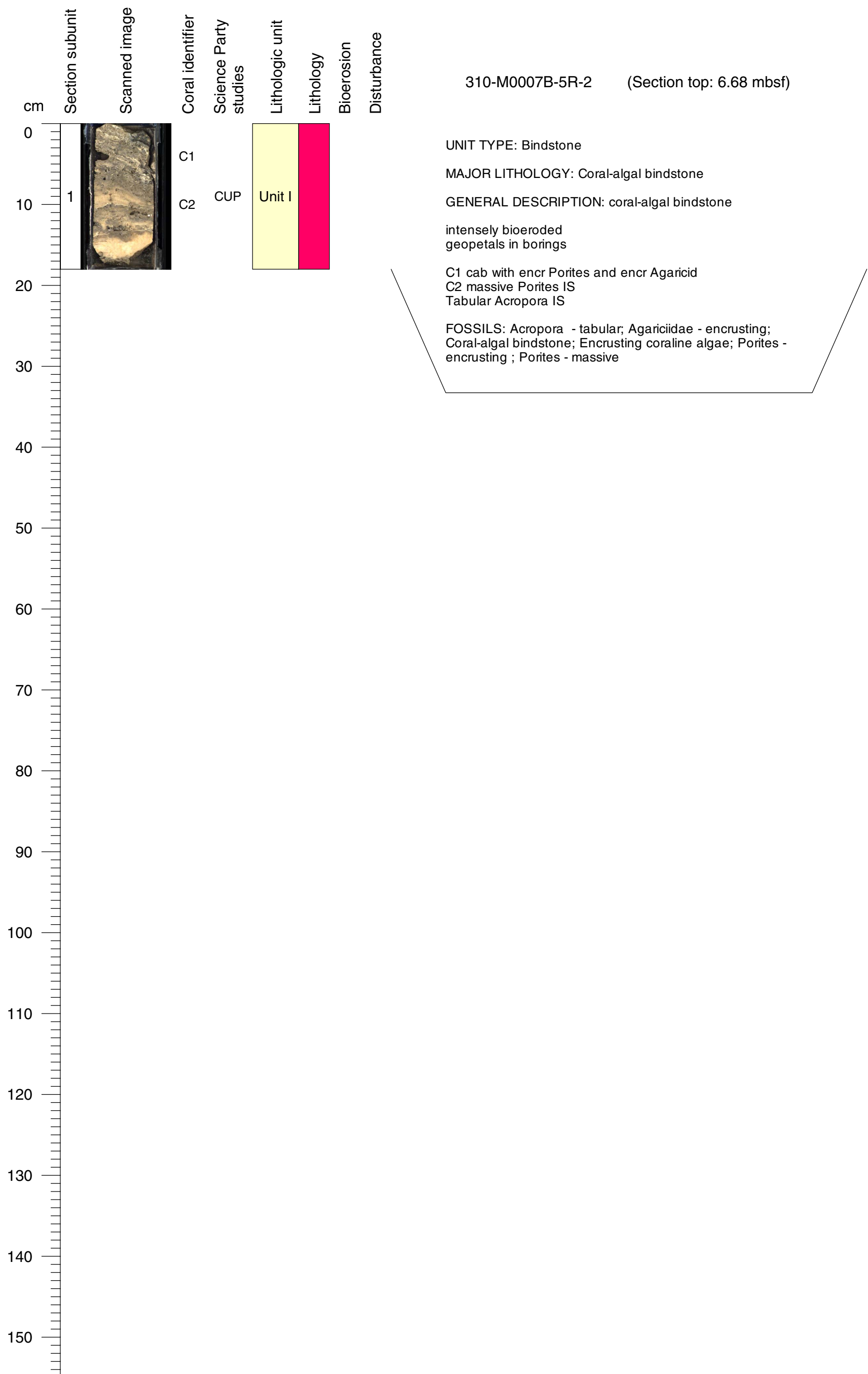
Core Photo



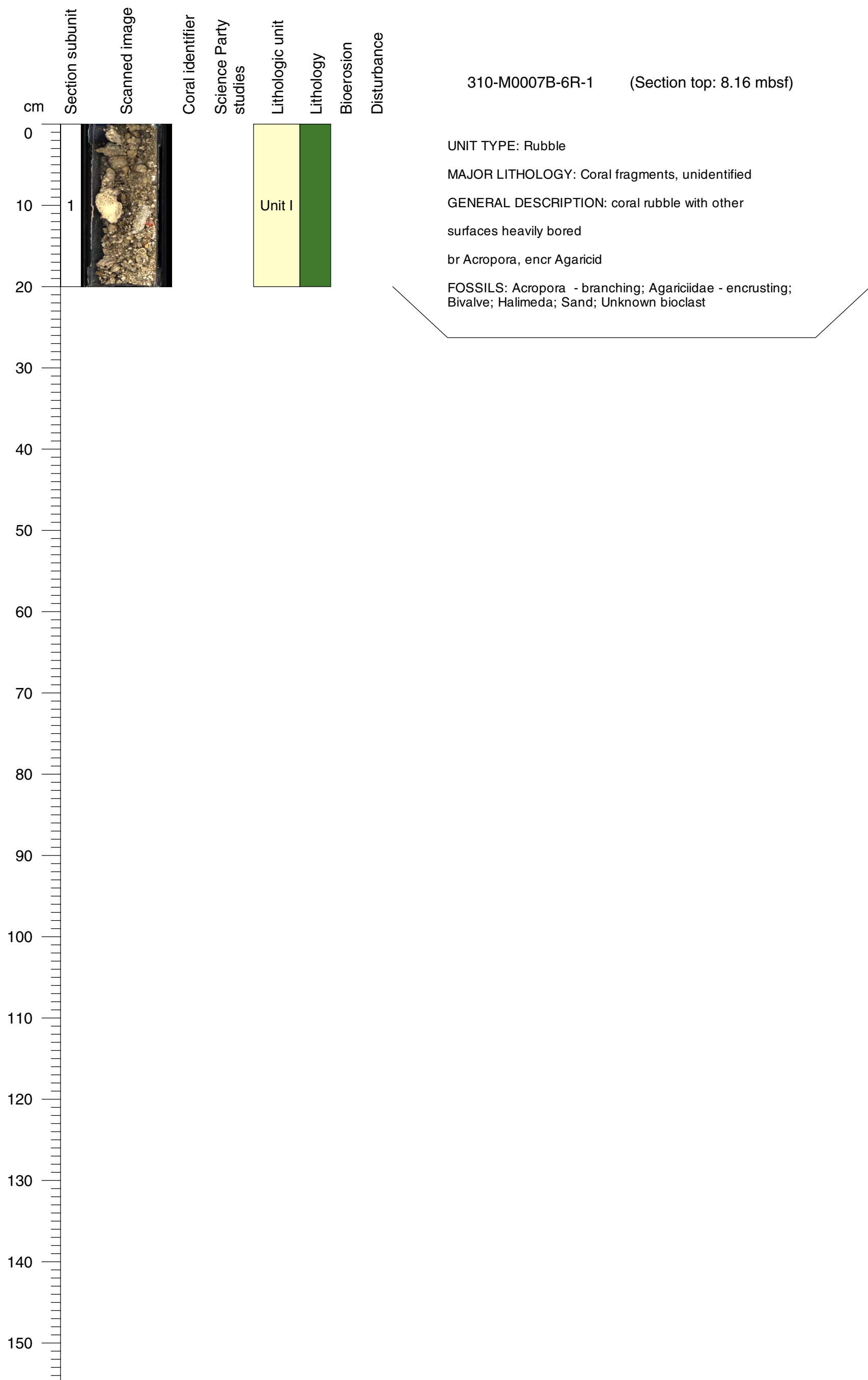
Core Photo



Core Photo

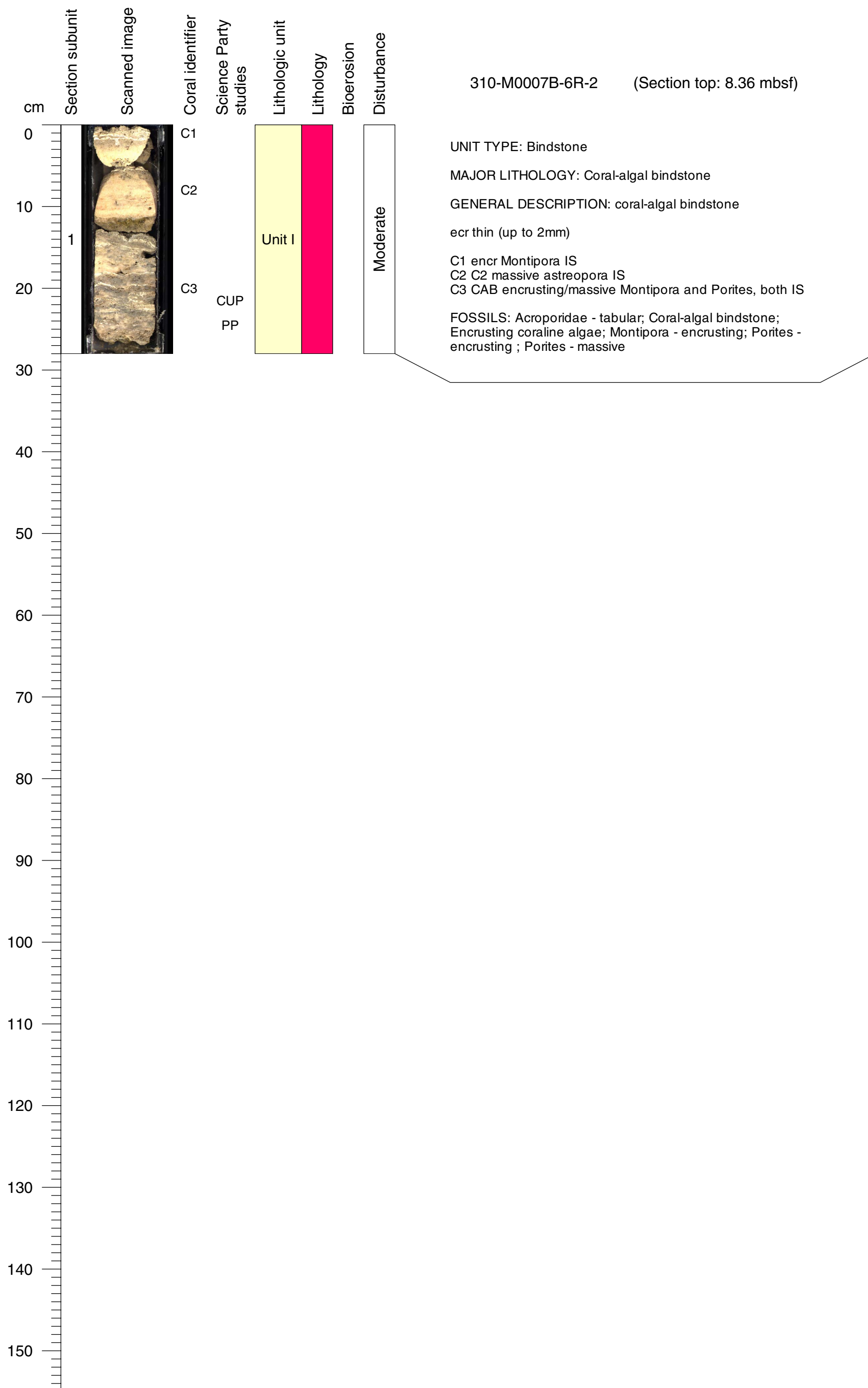


Core Photo

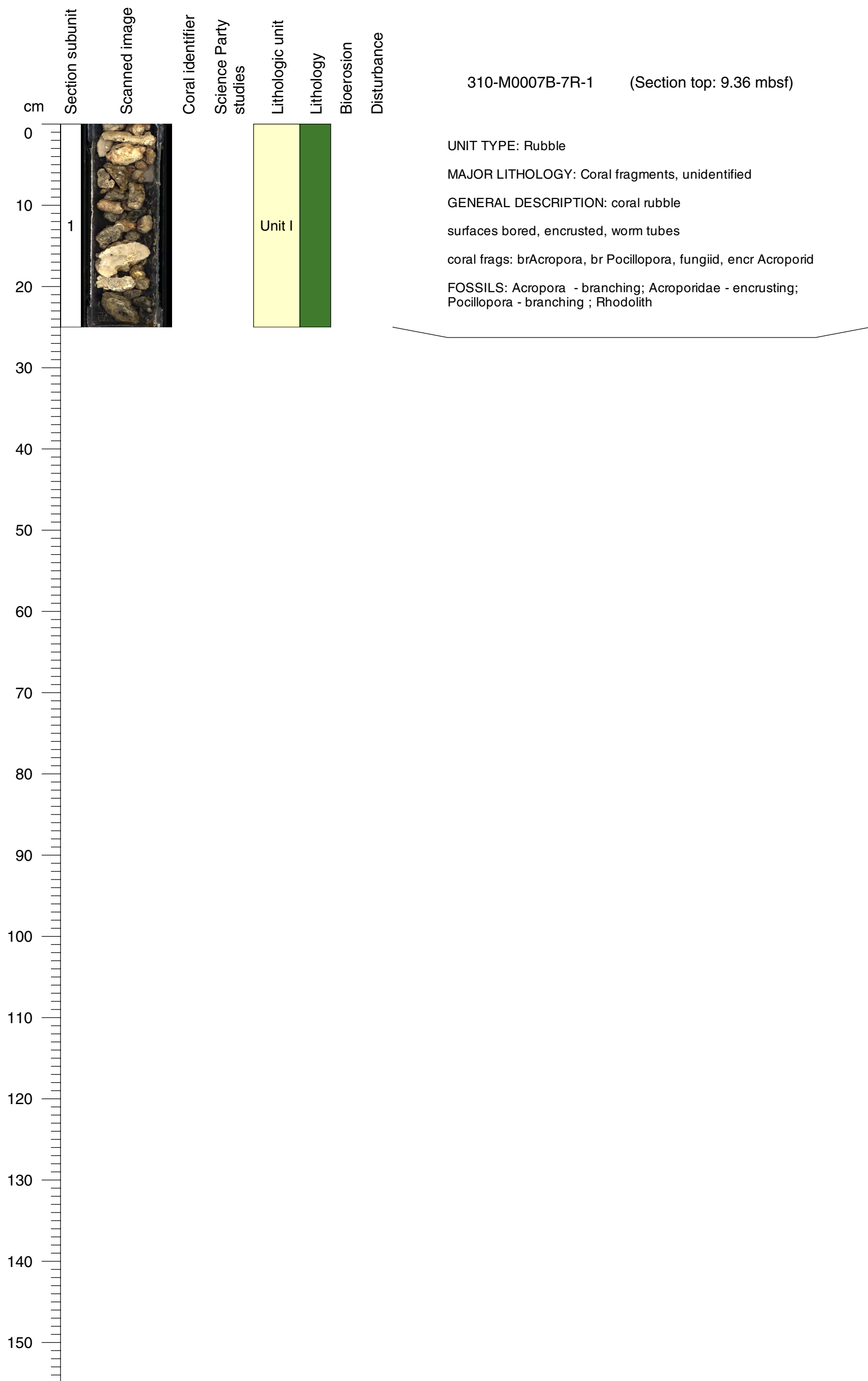


Core Photo

310-M0007B-6R-2 (Section top: 8.36 mbsf)

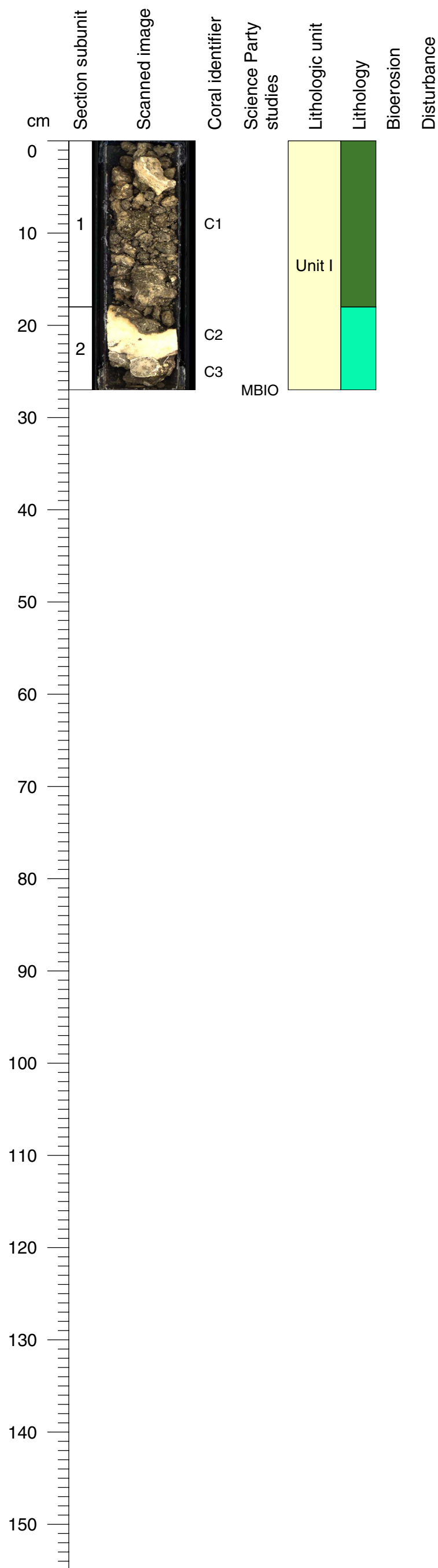


Core Photo



Core Photo

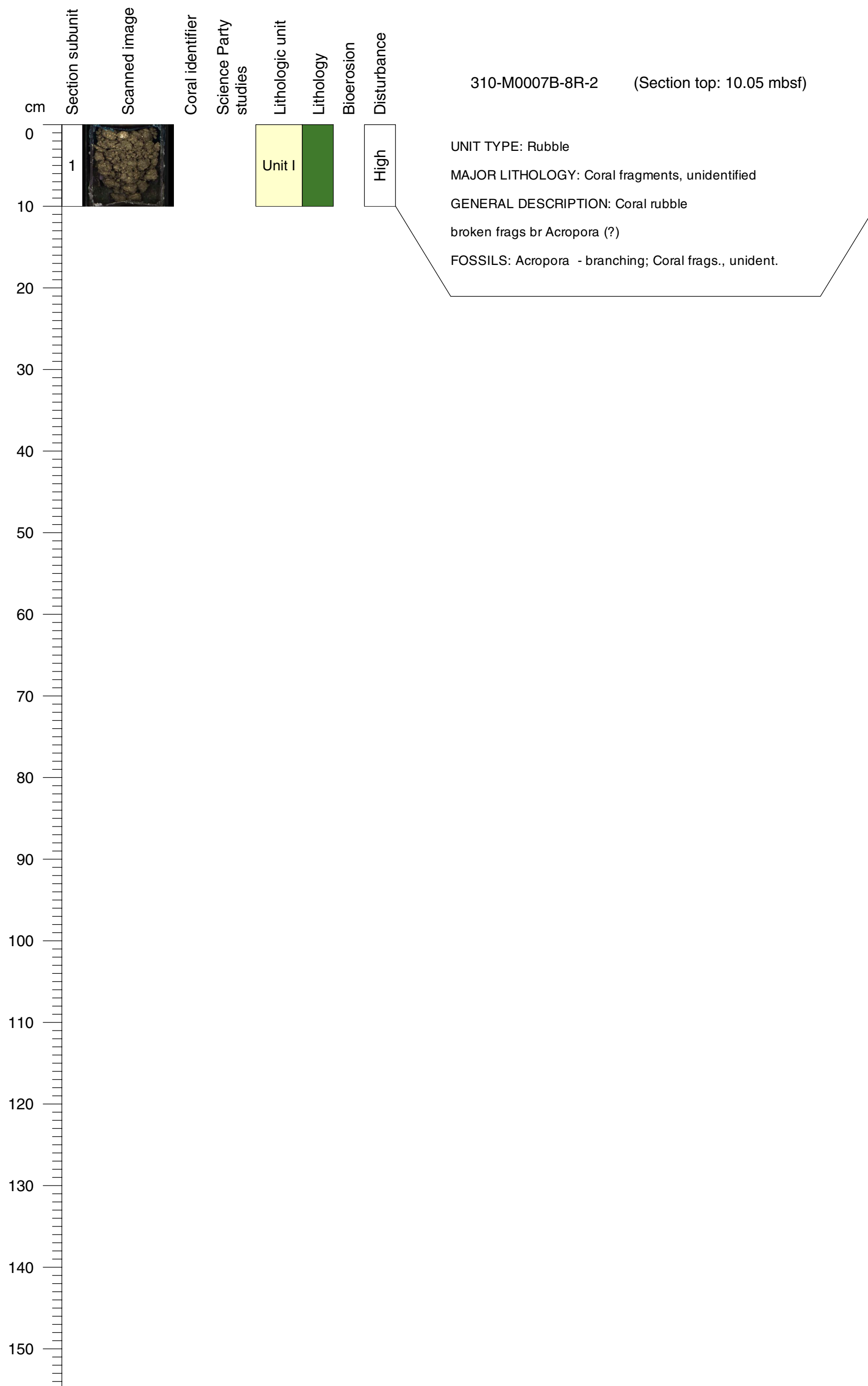
310-M0007B-8R-1 (Section top: 9.78 mbsf)



UNIT TYPE: Rubble
 MAJOR LITHOLOGY: Coral fragments, unidentified
 GENERAL DESCRIPTION: coral rubble
 surfaces bored
 worm tubes
 C1 broken coral frags - br Acropora, encr Montipora, br Pavona(?)
 FOSSILS: Acropora - branching; Bivalve; Encrusting coralline algae; Montipora - encrusting; Pavona - branching

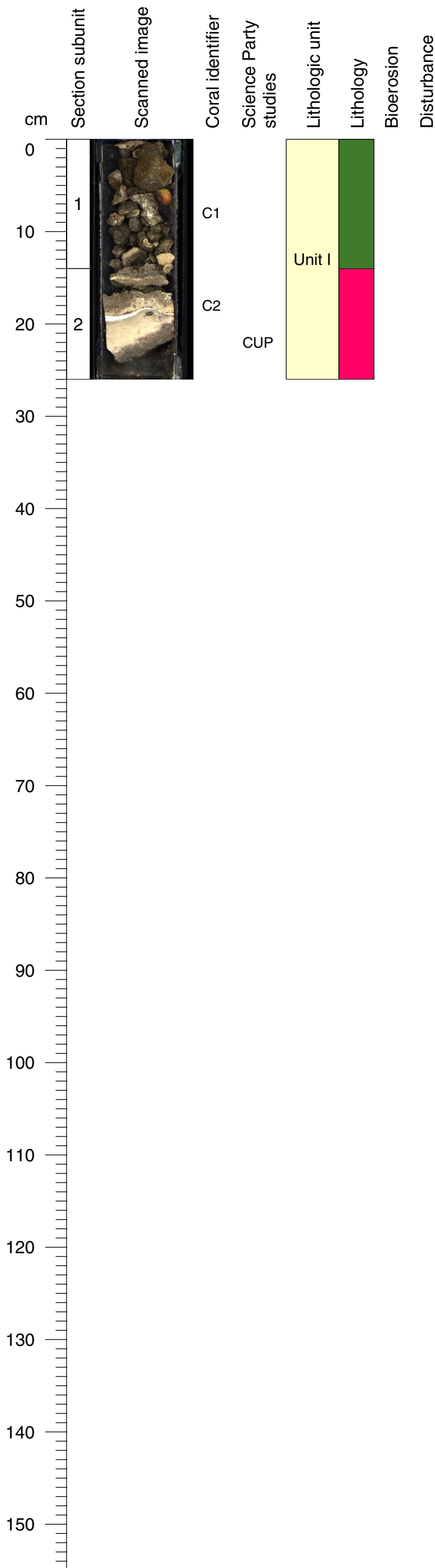
UNIT TYPE: Coral framework
 MAJOR LITHOLOGY: Porites - massive
 GENERAL DESCRIPTION: coral framework
 little bioerosion
 C2 massive Porites
 C3 rob br Pocillopora frags
 FOSSILS: Encrusting coralline algae; Pocillopora - robust branching; Porites - massive

Core Photo



Core Photo

310-M0007B-9R-1 (Section top: 11.78 mbsf)



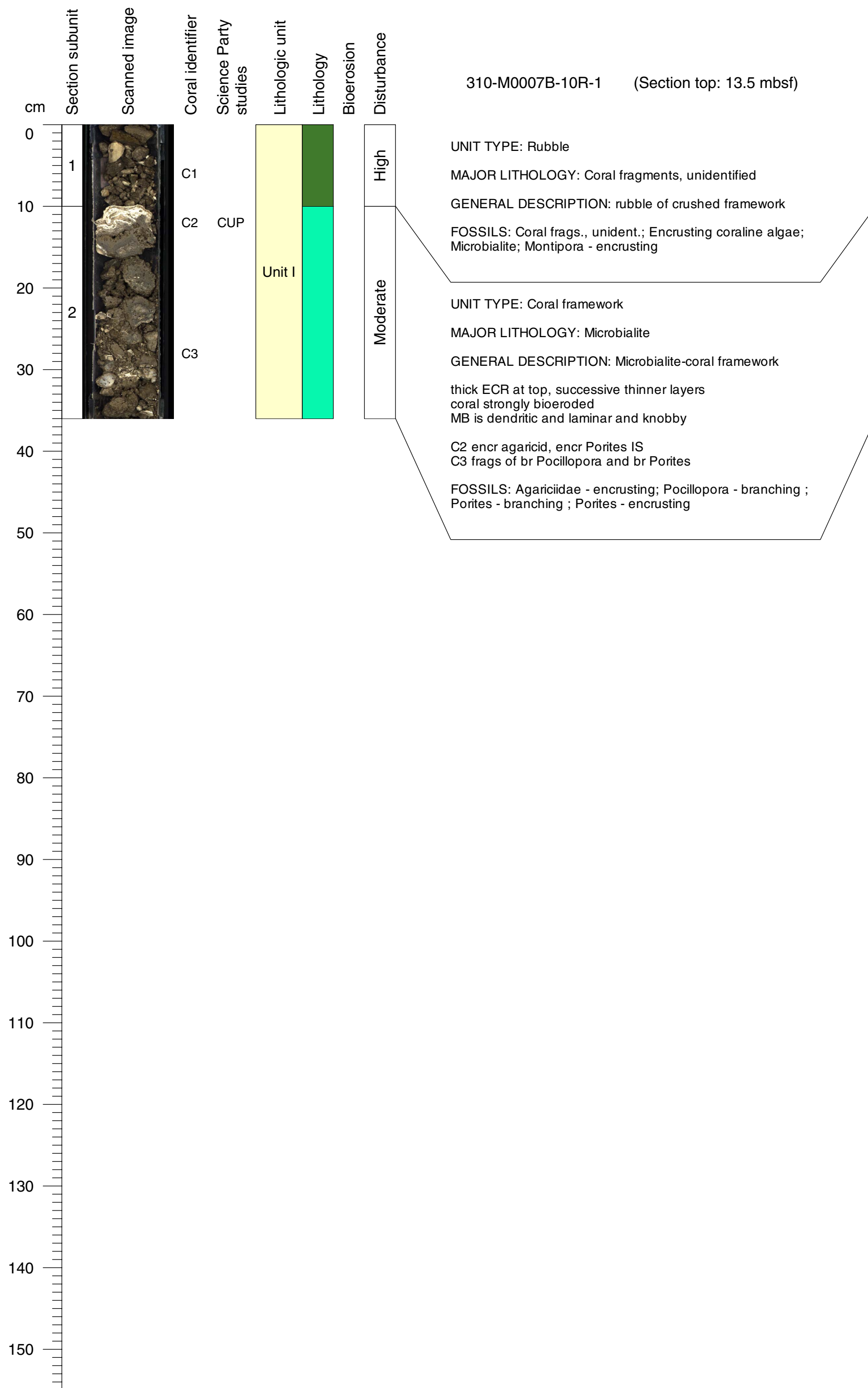
UNIT TYPE: Rubble
 MAJOR LITHOLOGY: Intraclasts
 GENERAL DESCRIPTION: Rubble of intraclasts
 surfaces intensely bored
 operculum corals
 C1 frags of br Acropora, br Pavona
 FOSSILS: Acropora - branching; Gastropod; Pavona - branching; Unknown lithoclast

UNIT TYPE: Bindstone
 MAJOR LITHOLOGY: Porites - massive
 GENERAL DESCRIPTION: Coral-algal bindstone with microbialite
 ecr up to 7mm
 intensely bored
 thin MB at top
 C2 encr Montipora IS
 massive Porites IS
 FOSSILS: Coral-algal bindstone; Encrusting coralline algae; Microbialite; Montipora - encrusting; Porites - massive

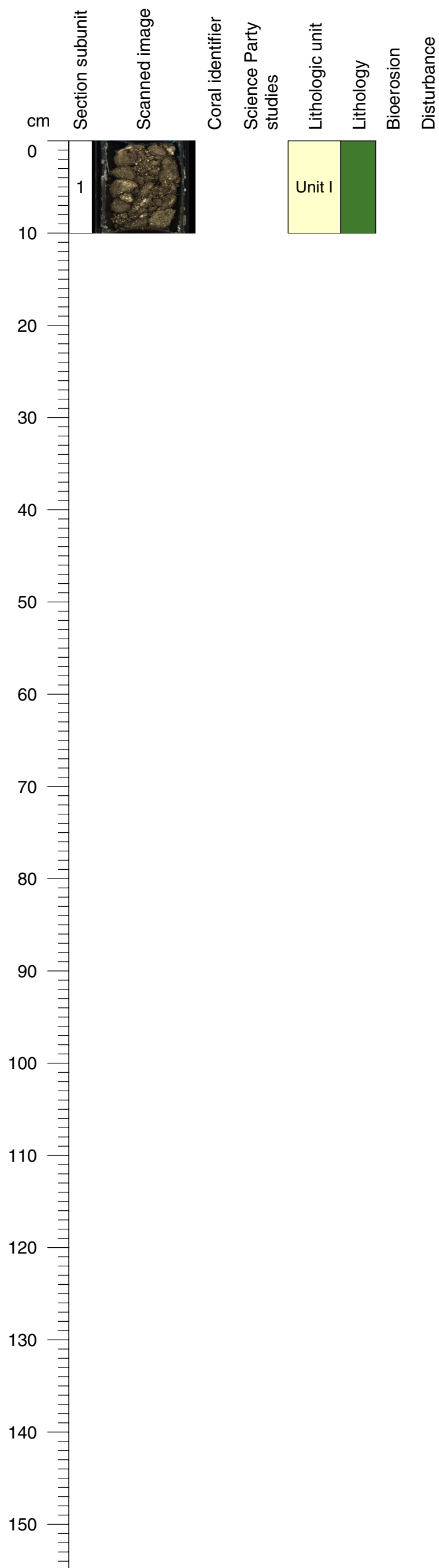


Core Photo

310-M0007B-10R-1 (Section top: 13.5 mbsf)



Core Photo



310-M0007B-10R-2 (Section top: 13.86 mbsf)

UNIT TYPE: Rubble

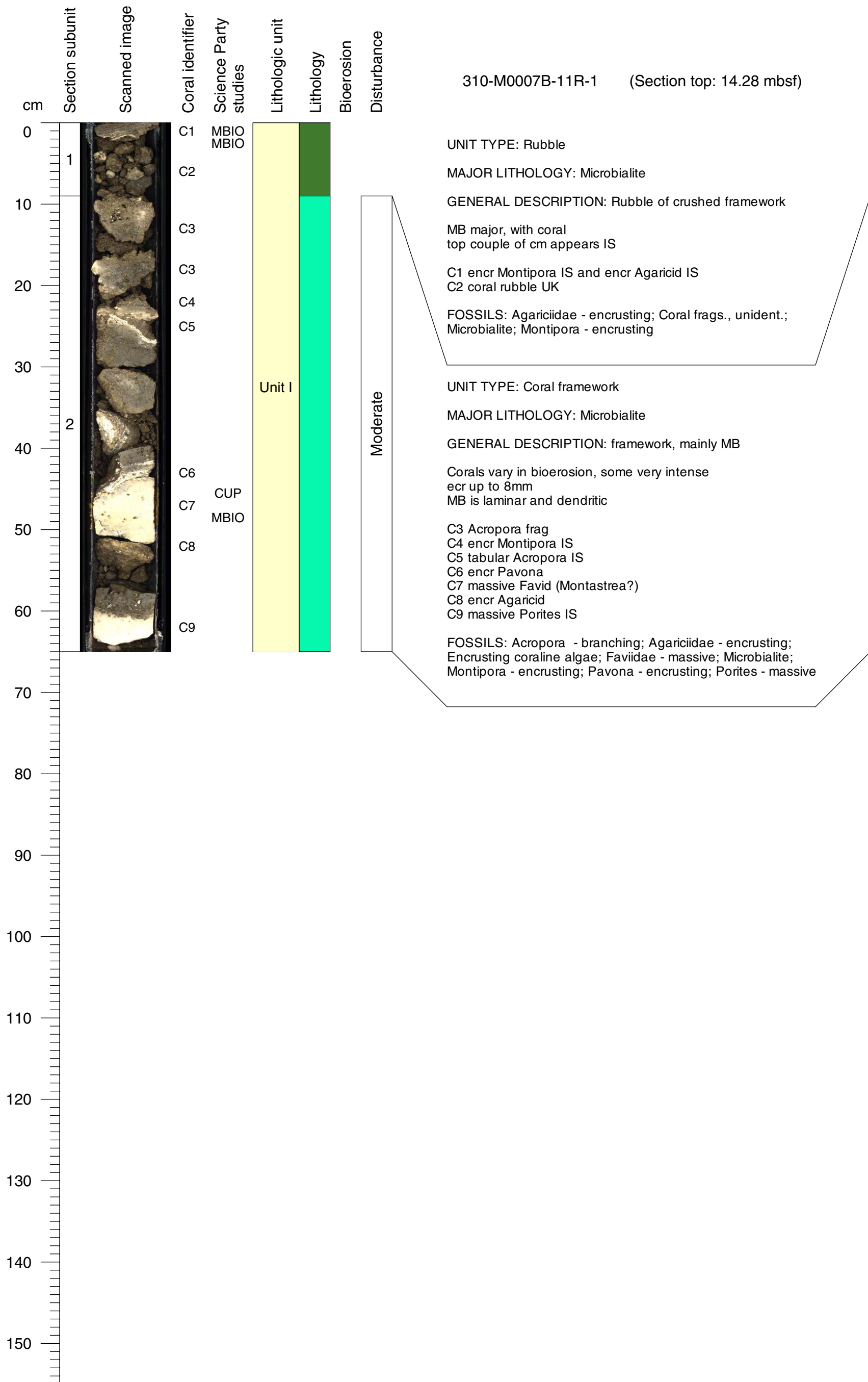
MAJOR LITHOLOGY: Coral fragments, unidentified

GENERAL DESCRIPTION: coral rubble
crushed framework

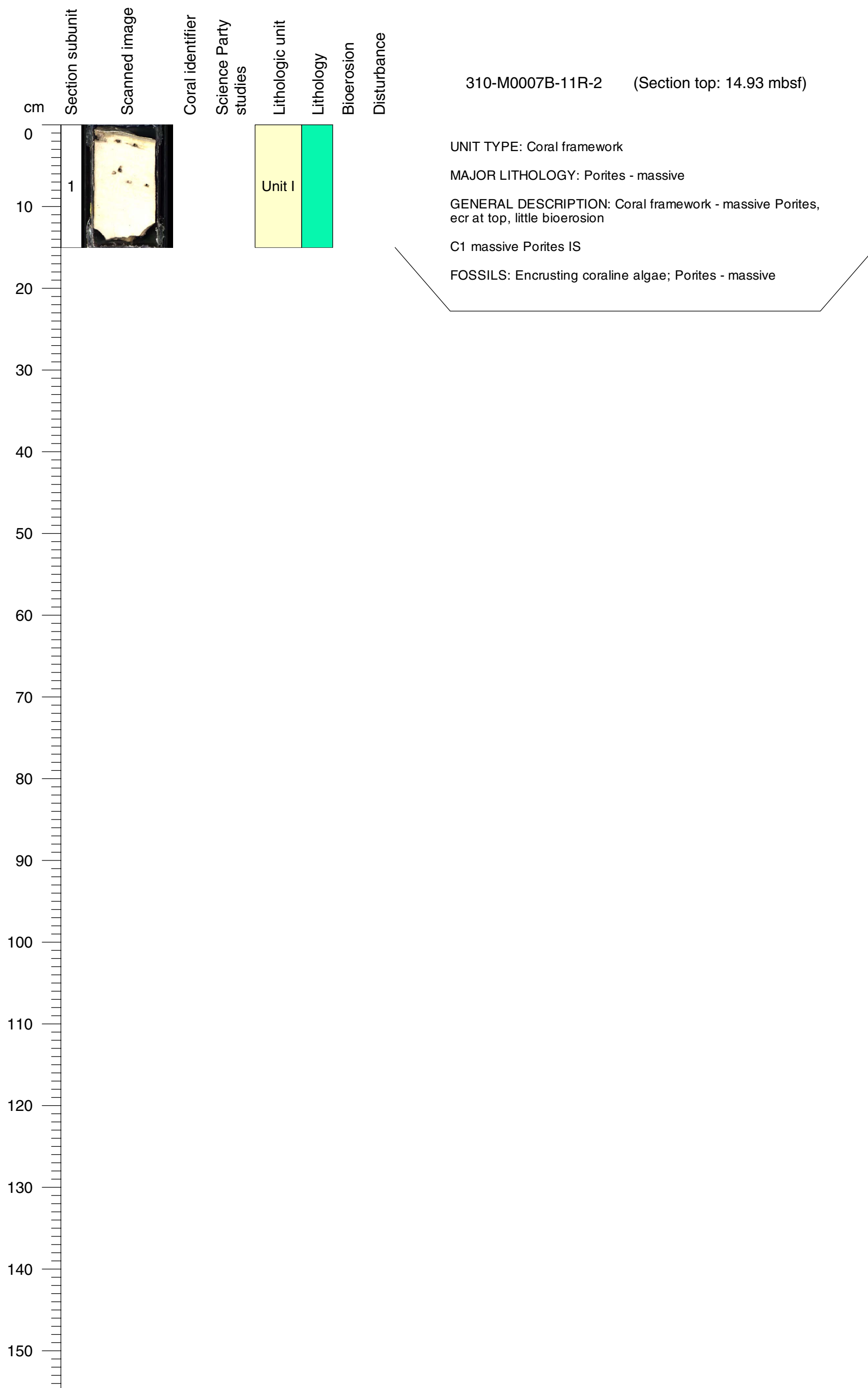
coral frags - encr Montastrea, encr favid

FOSSILS: Encrusting coralline algae; Faviidae - encrusting ;
Montastrea - encrusting

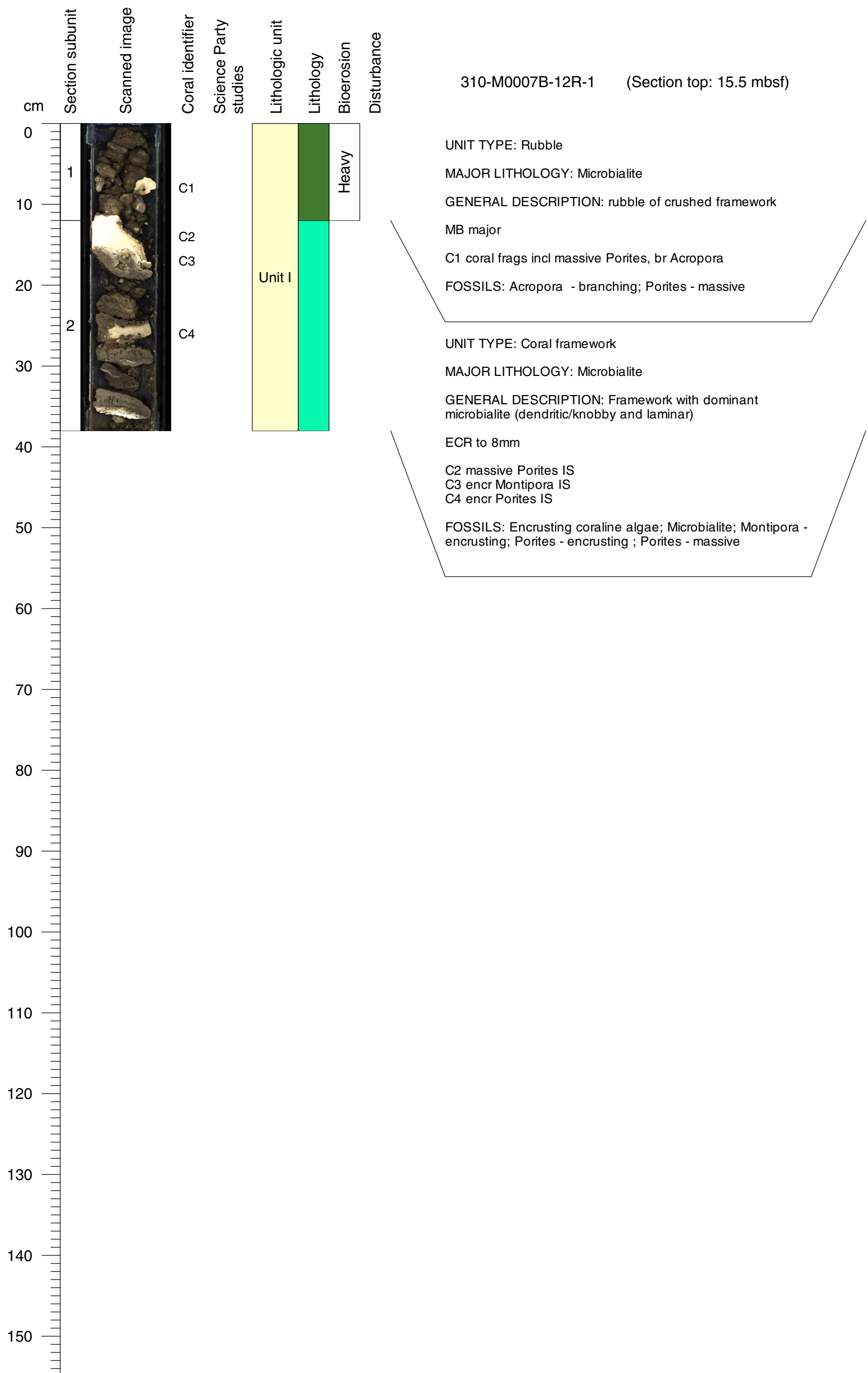
Core Photo



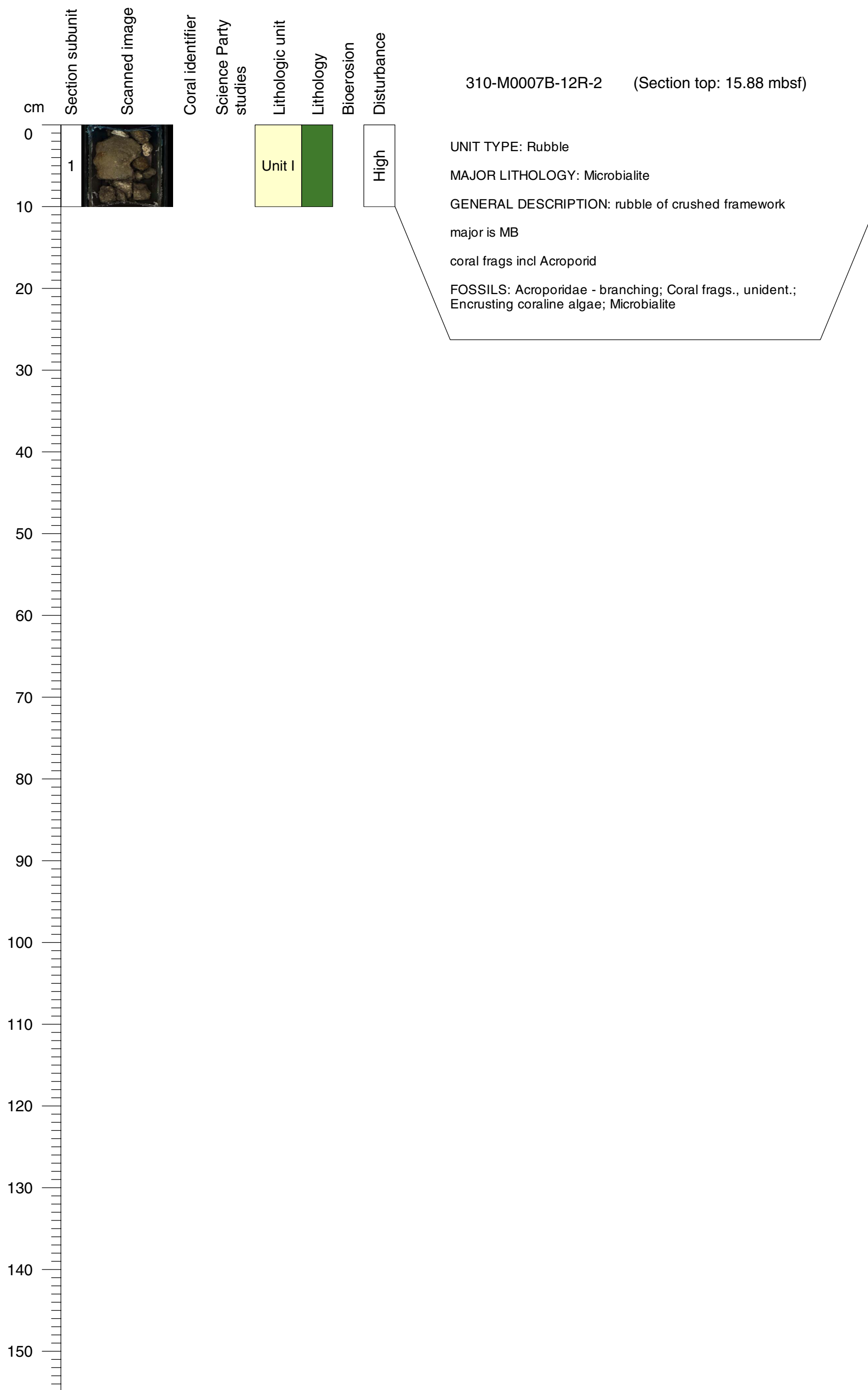
Core Photo



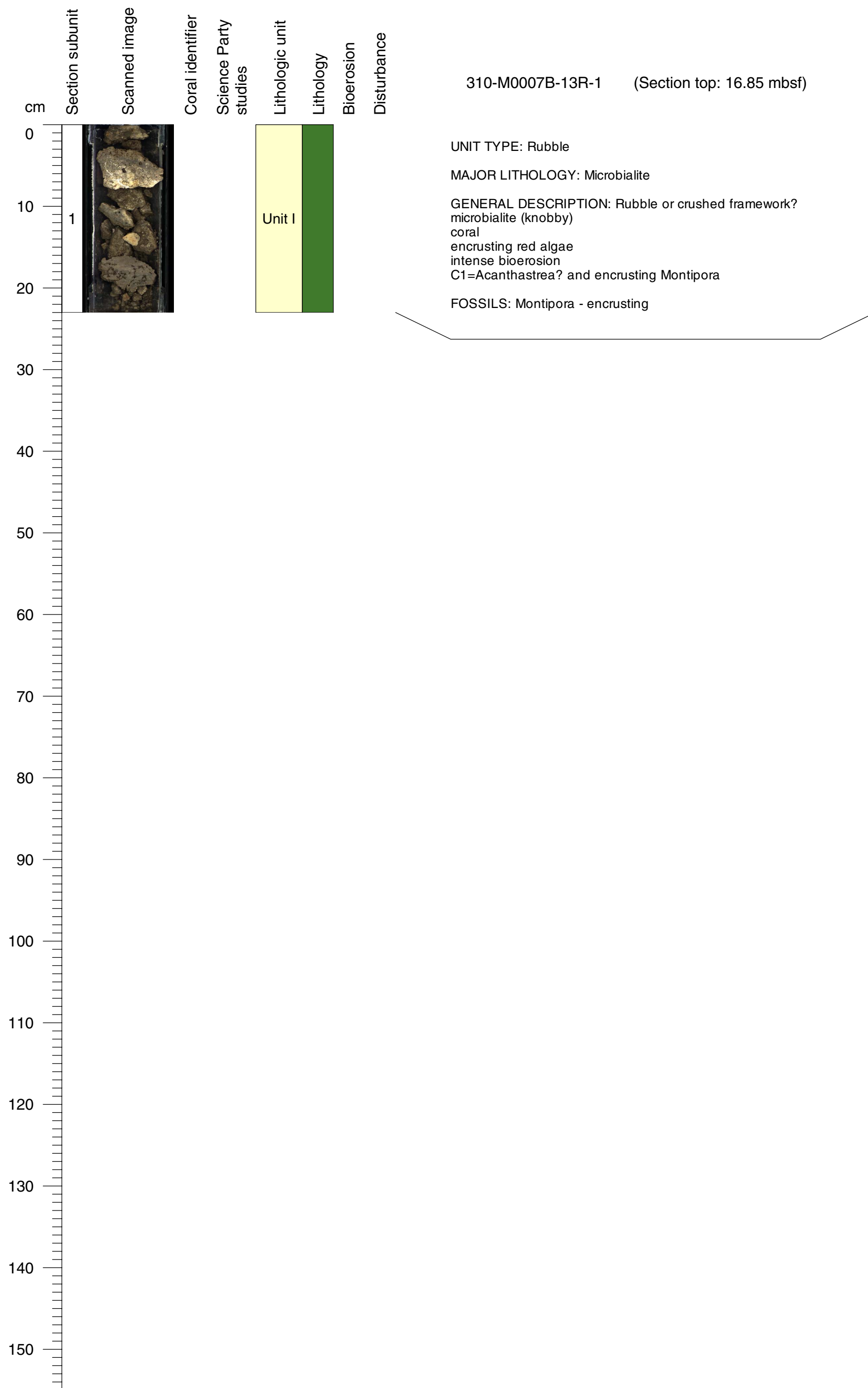
Core Photo



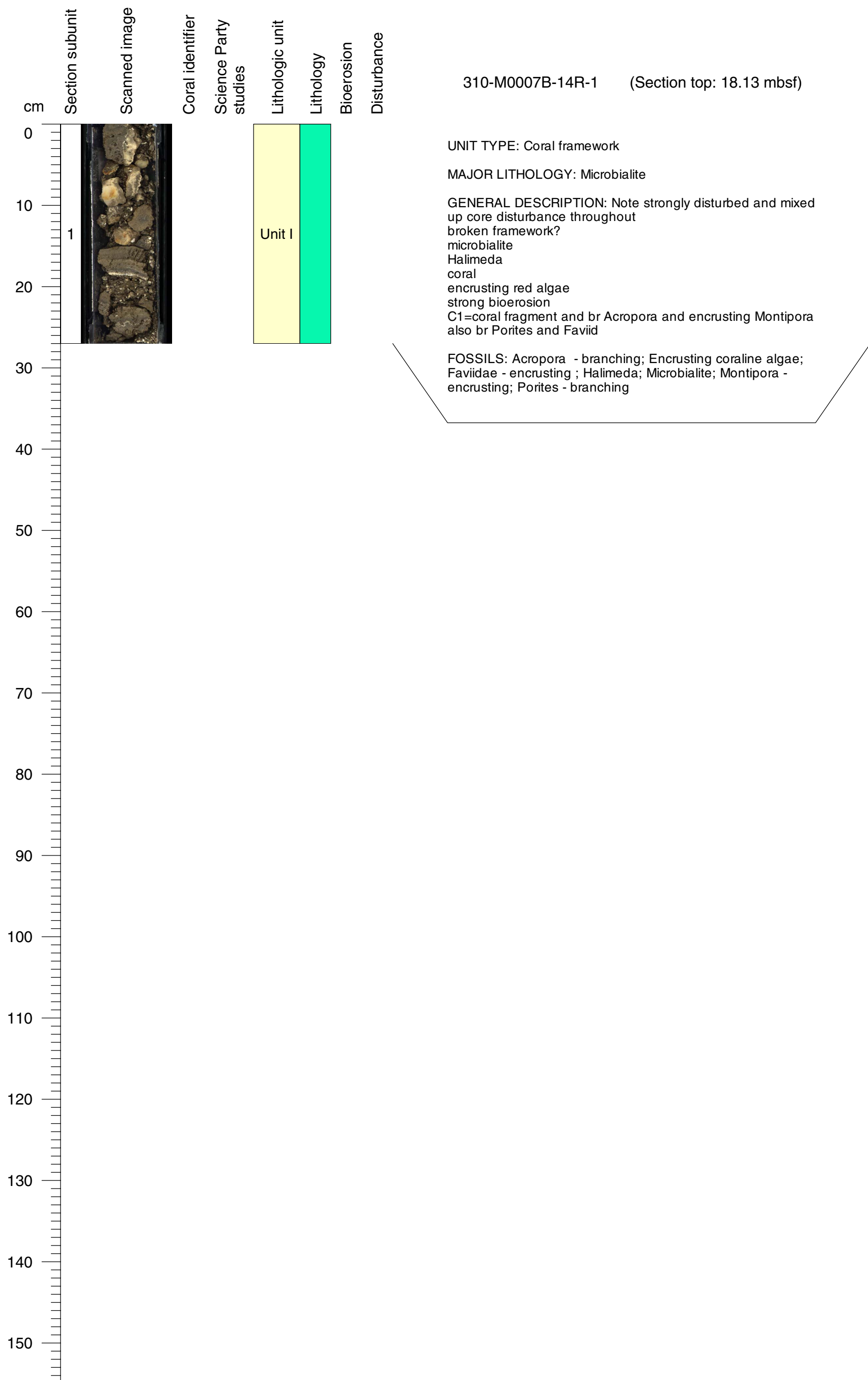
Core Photo



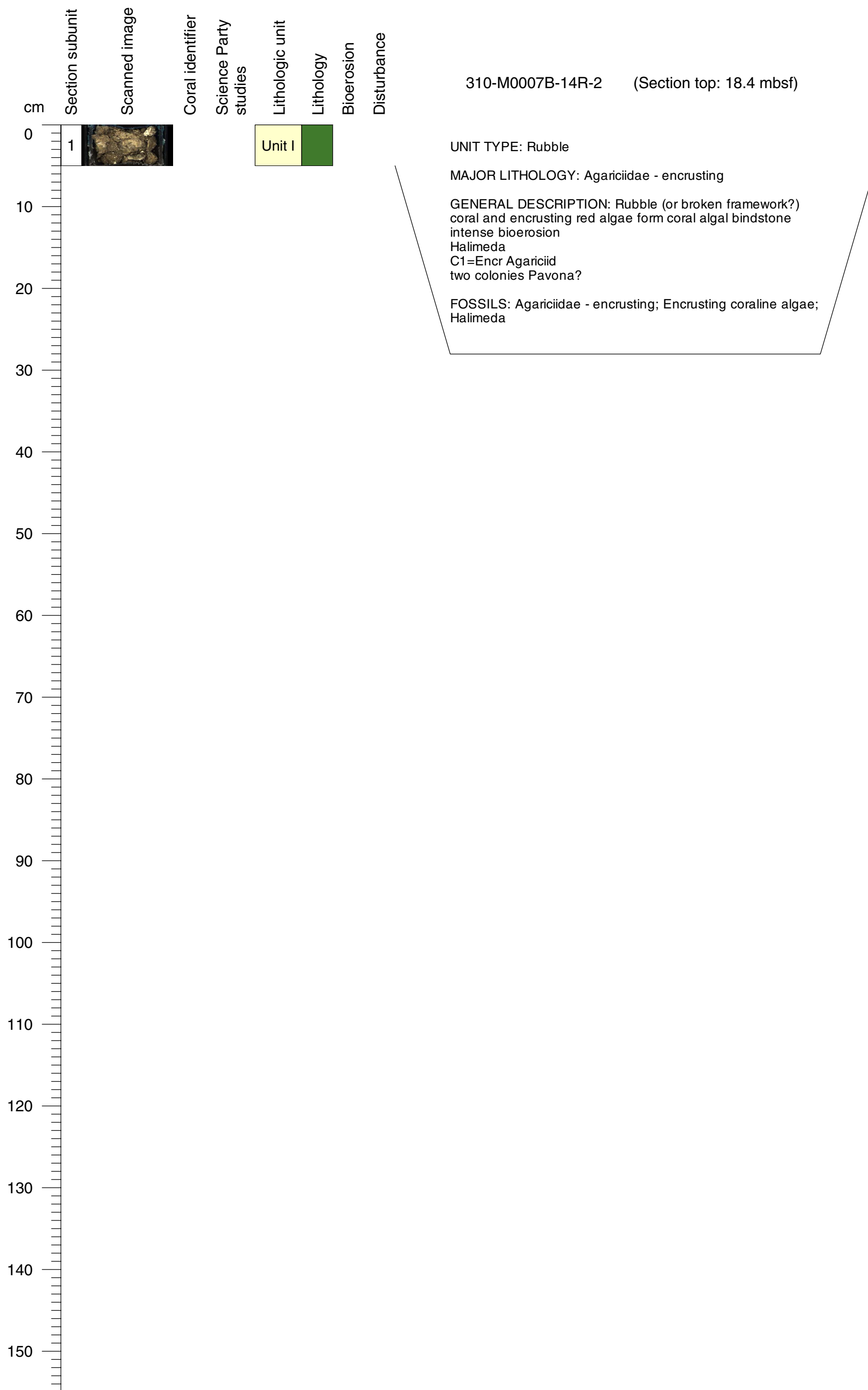
Core Photo



Core Photo

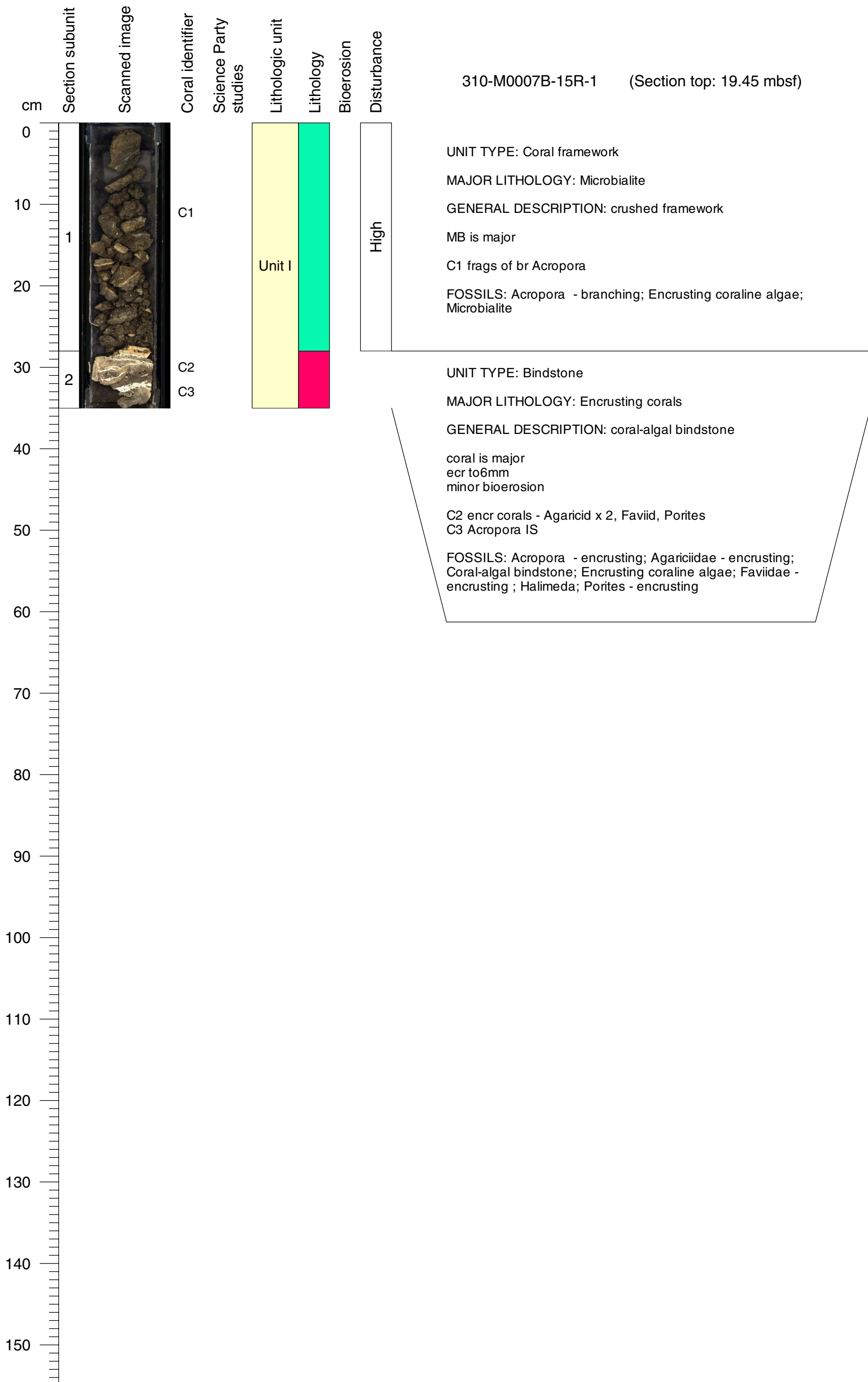


Core Photo

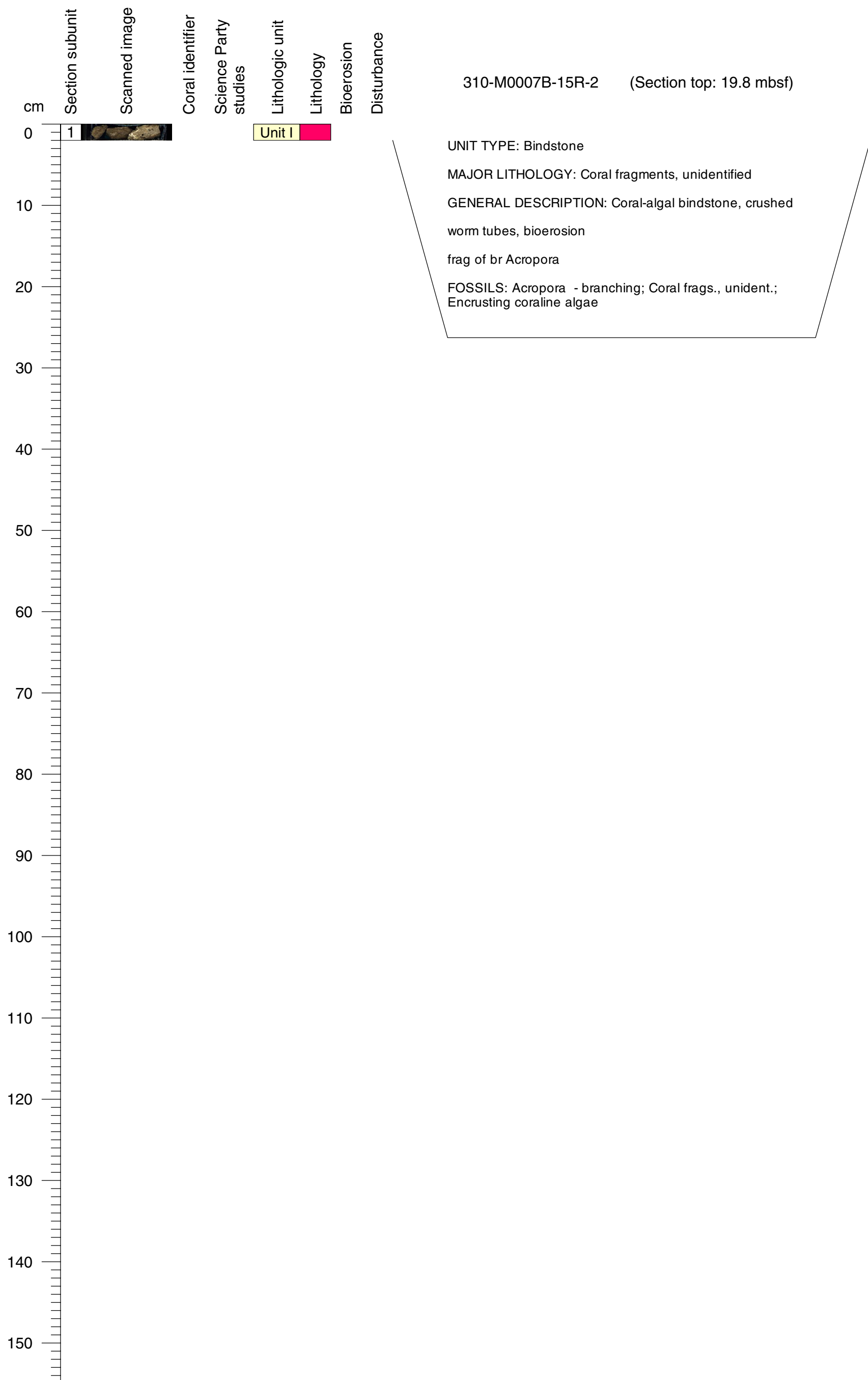


Core Photo

310-M0007B-15R-1 (Section top: 19.45 mbsf)

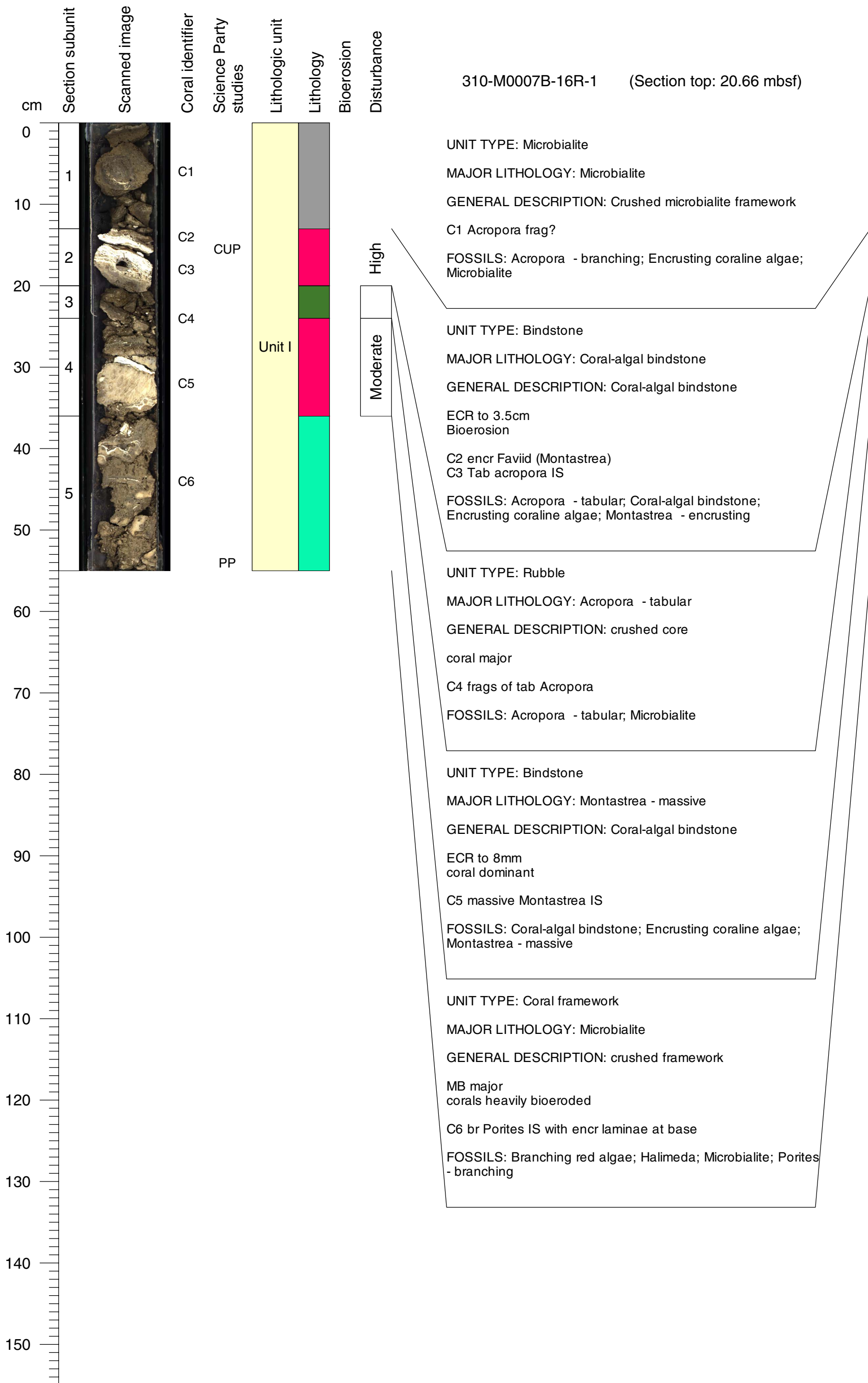


Core Photo

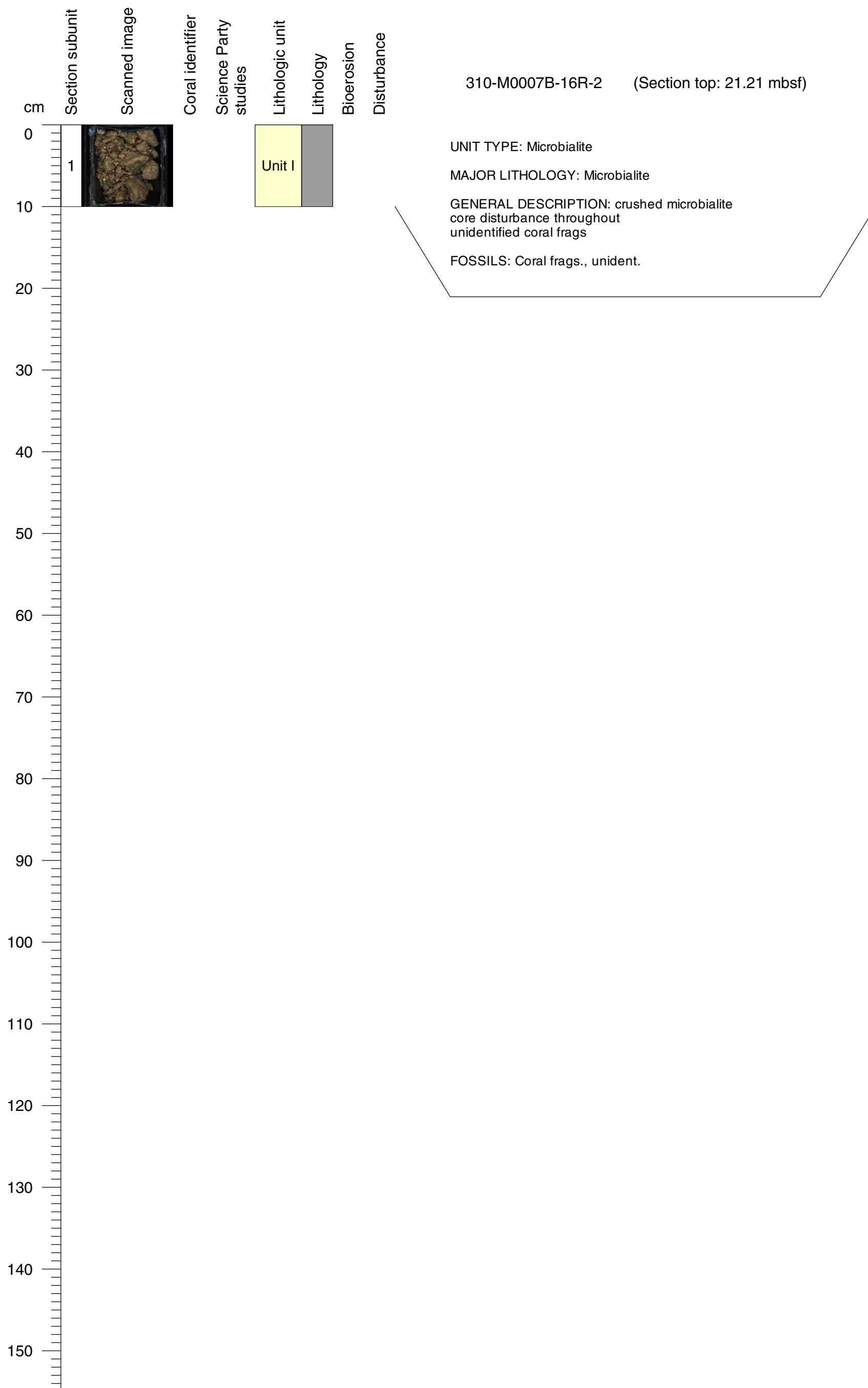


Core Photo

310-M0007B-16R-1 (Section top: 20.66 mbsf)

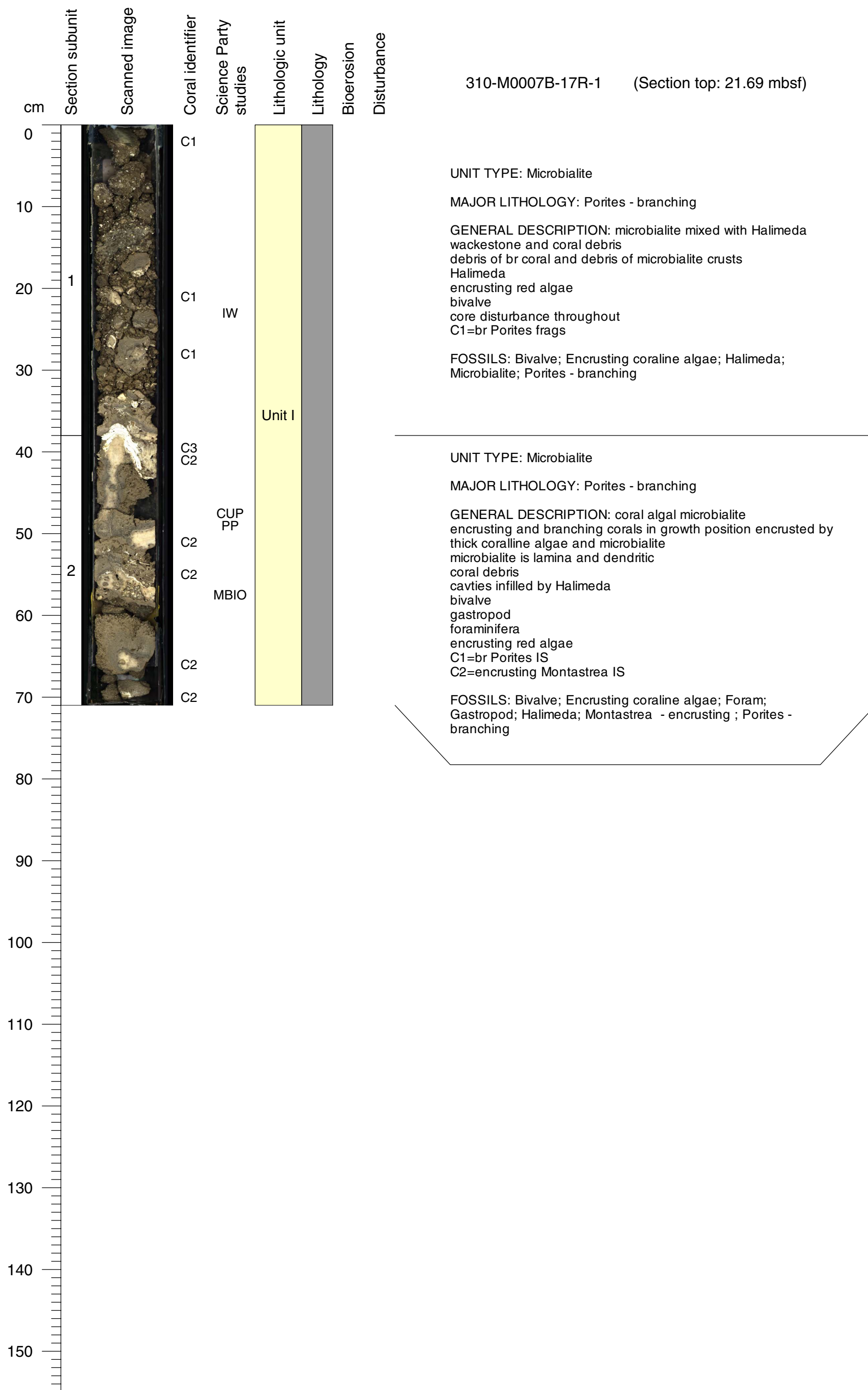


Core Photo

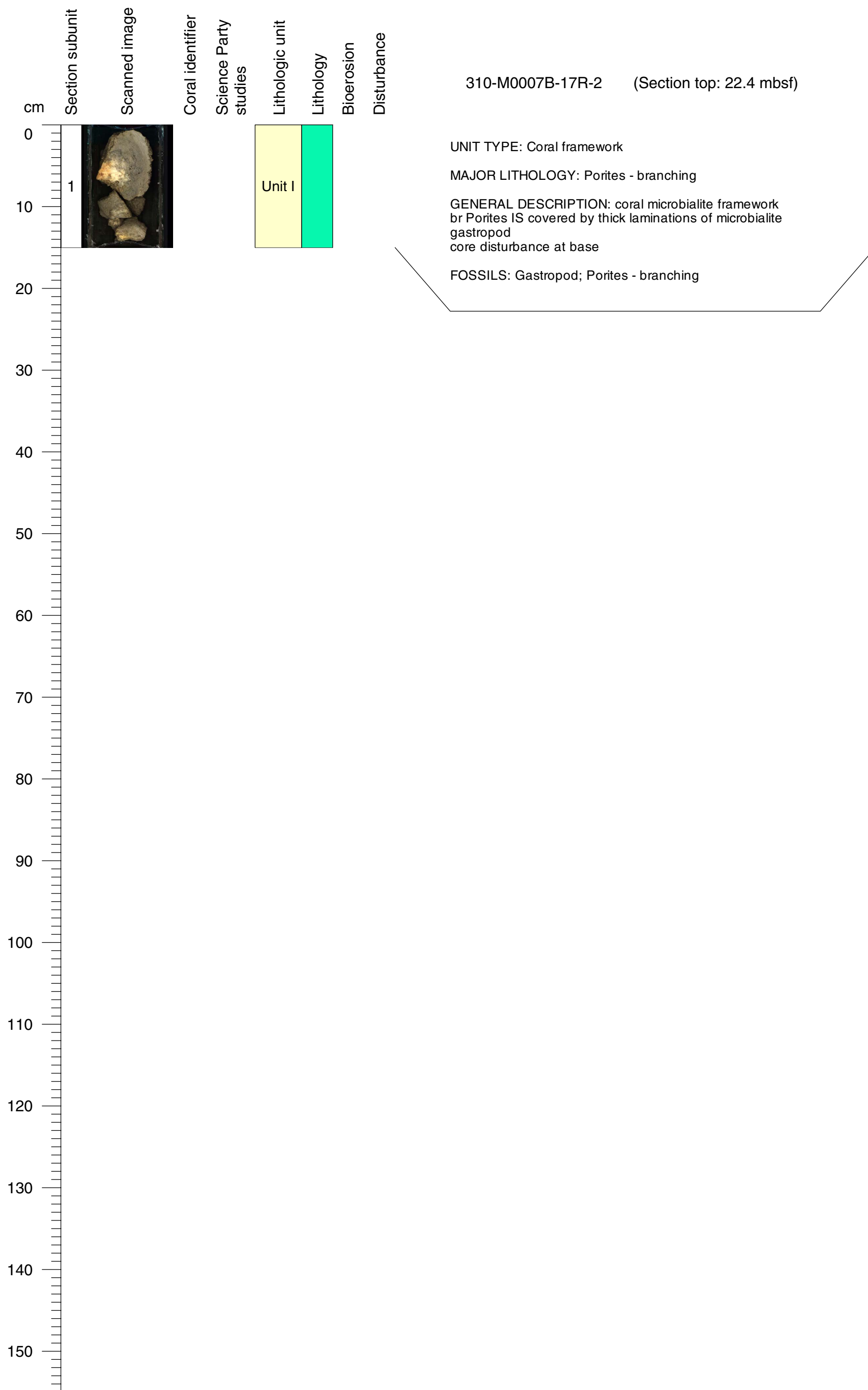


Core Photo

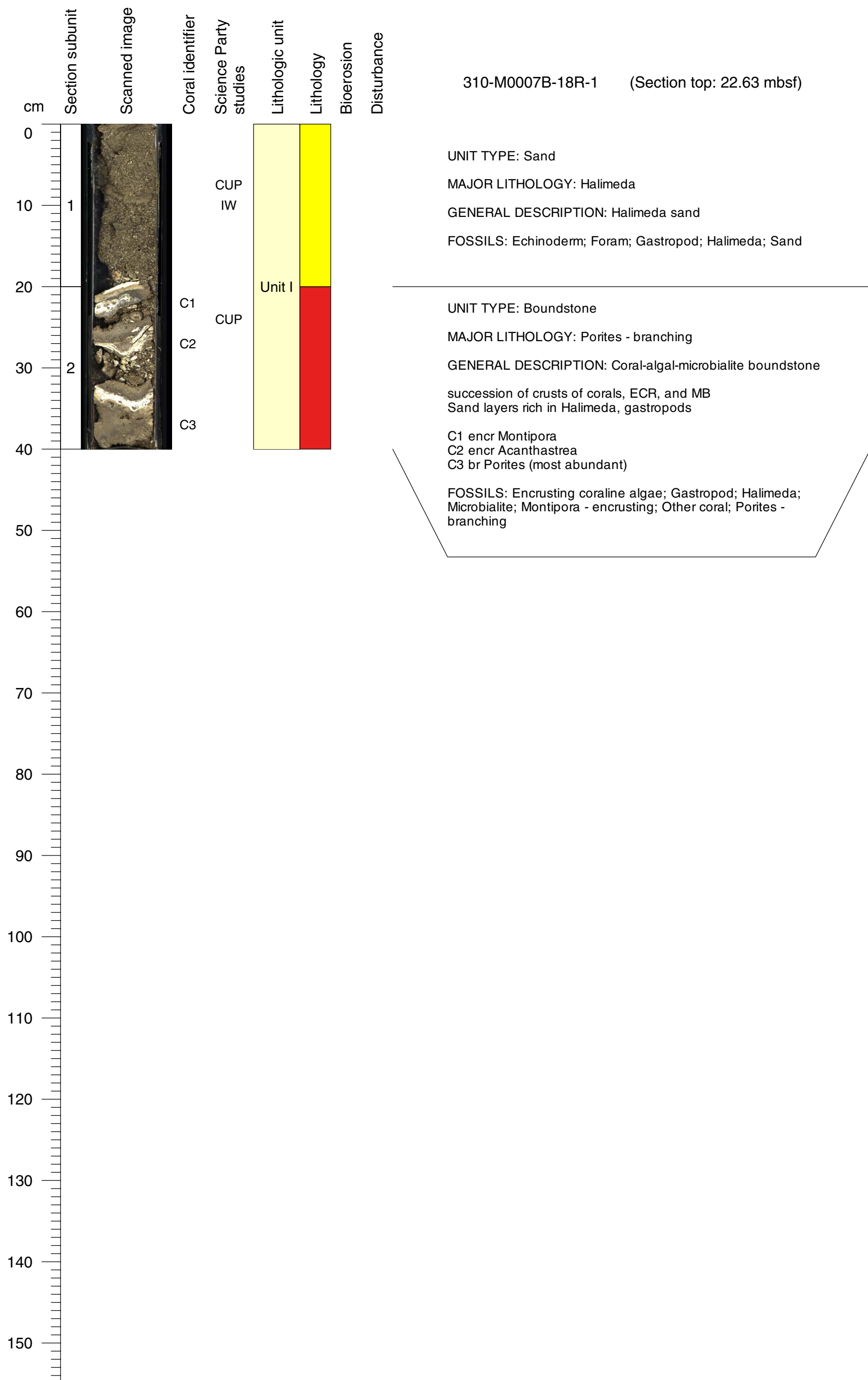
310-M0007B-17R-1 (Section top: 21.69 mbsf)



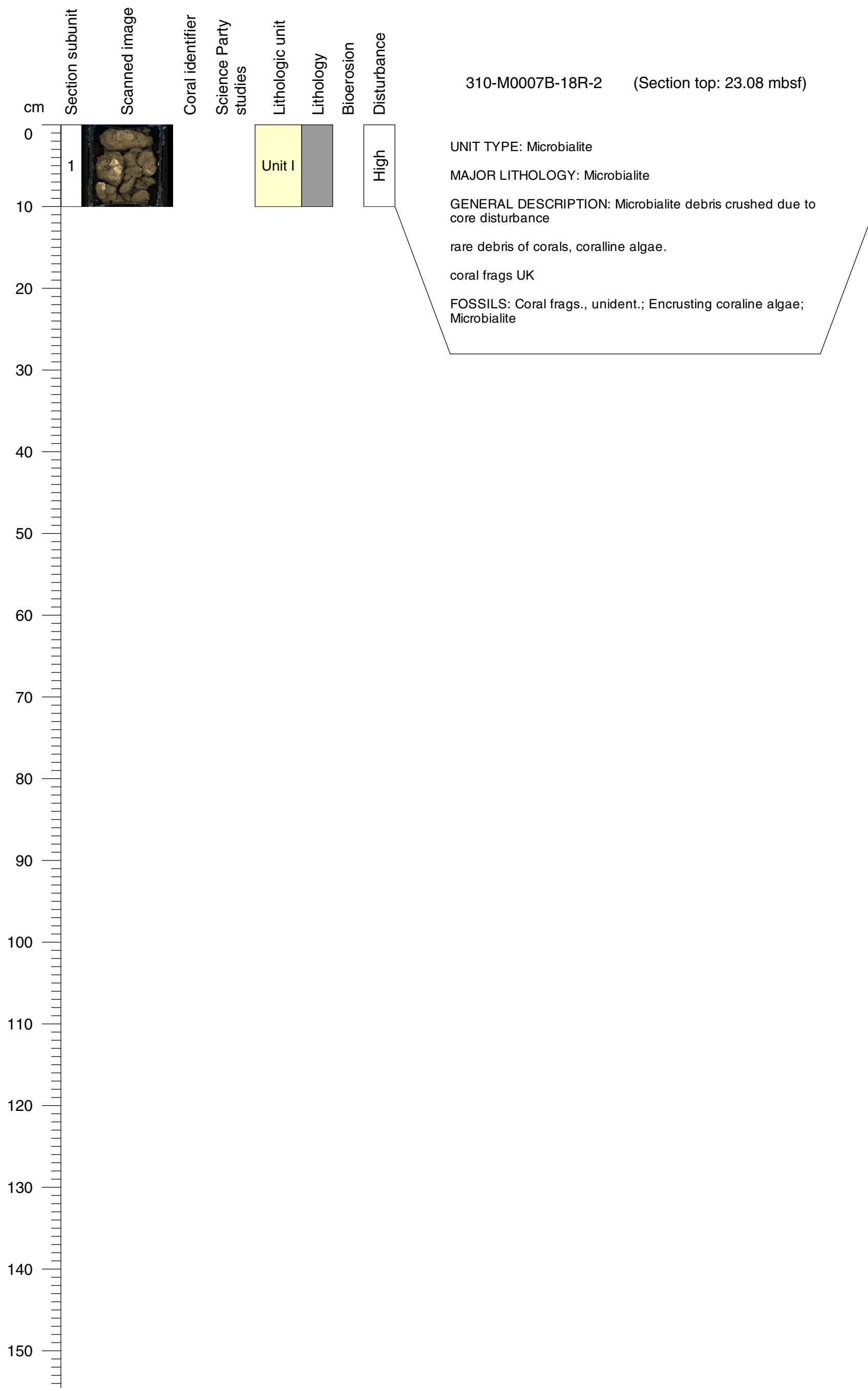
Core Photo



Core Photo

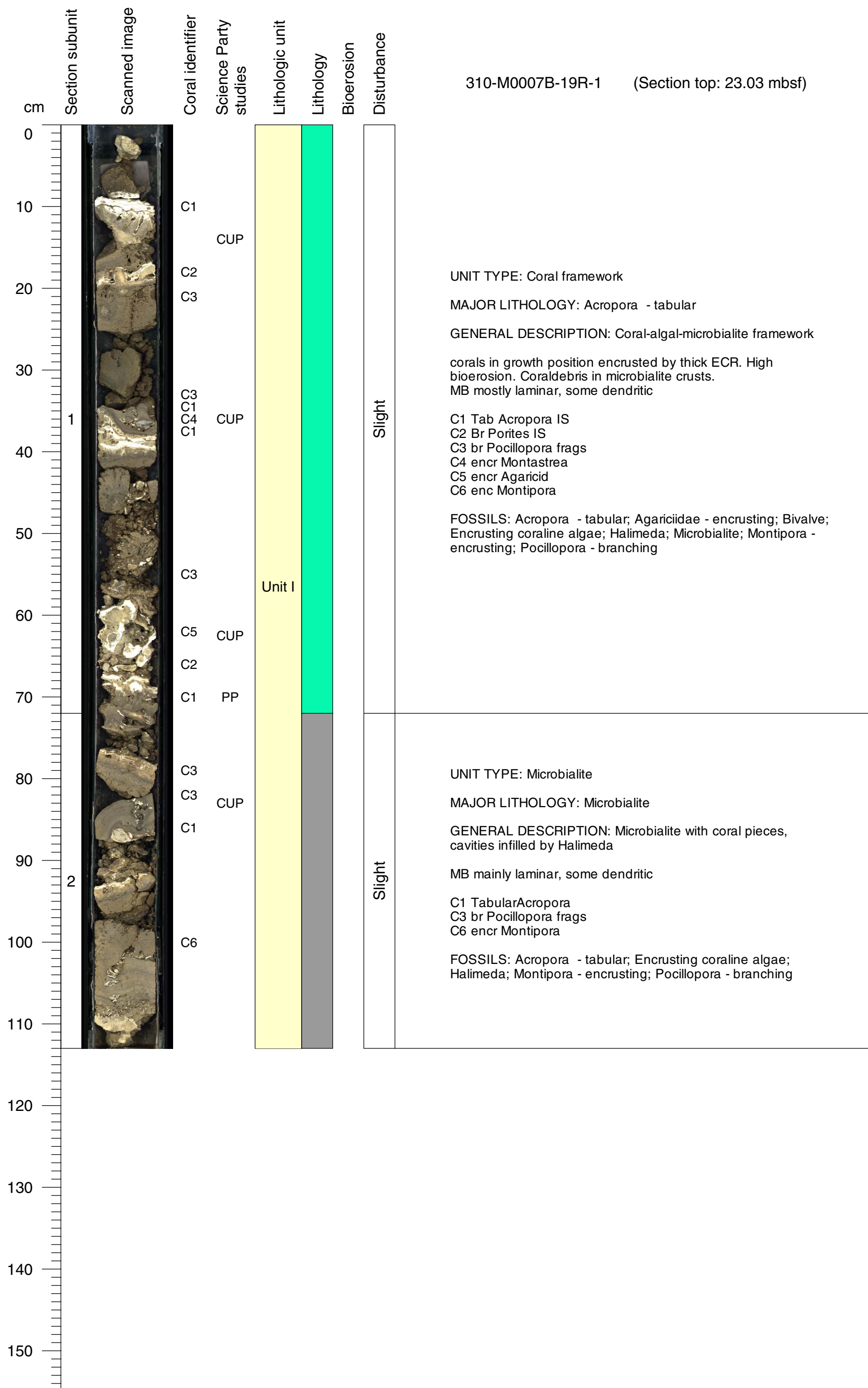


Core Photo



Core Photo

310-M0007B-19R-1 (Section top: 23.03 mbsf)



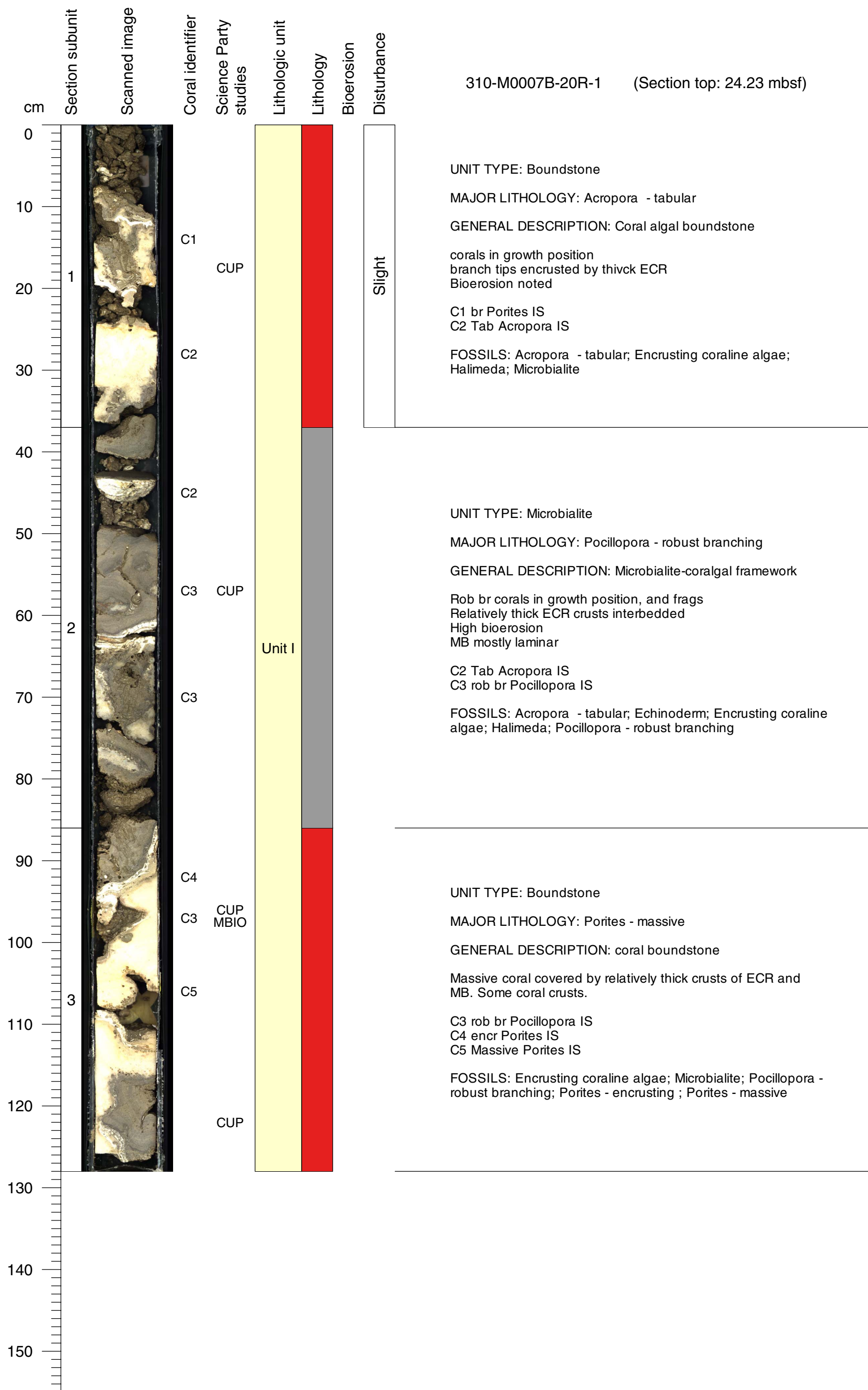
UNIT TYPE: Coral framework
 MAJOR LITHOLOGY: Acropora - tabular
 GENERAL DESCRIPTION: Coral-algal-microbialite framework
 corals in growth position encrusted by thick ECR. High bioerosion. Coraldebris in microbialite crusts.
 MB mostly laminar, some dendritic
 C1 Tab Acropora IS
 C2 Br Porites IS
 C3 br Pocillopora frags
 C4 encr Montastrea
 C5 encr Agaricid
 C6 enc Montipora
 FOSSILS: Acropora - tabular; Agariciidae - encrusting; Bivalve; Encrusting coralline algae; Halimeda; Microbialite; Montipora - encrusting; Pocillopora - branching

UNIT TYPE: Microbialite
 MAJOR LITHOLOGY: Microbialite
 GENERAL DESCRIPTION: Microbialite with coral pieces, cavities infilled by Halimeda
 MB mainly laminar, some dendritic
 C1 TabularAcropora
 C3 br Pocillopora frags
 C6 encr Montipora
 FOSSILS: Acropora - tabular; Encrusting coralline algae; Halimeda; Montipora - encrusting; Pocillopora - branching



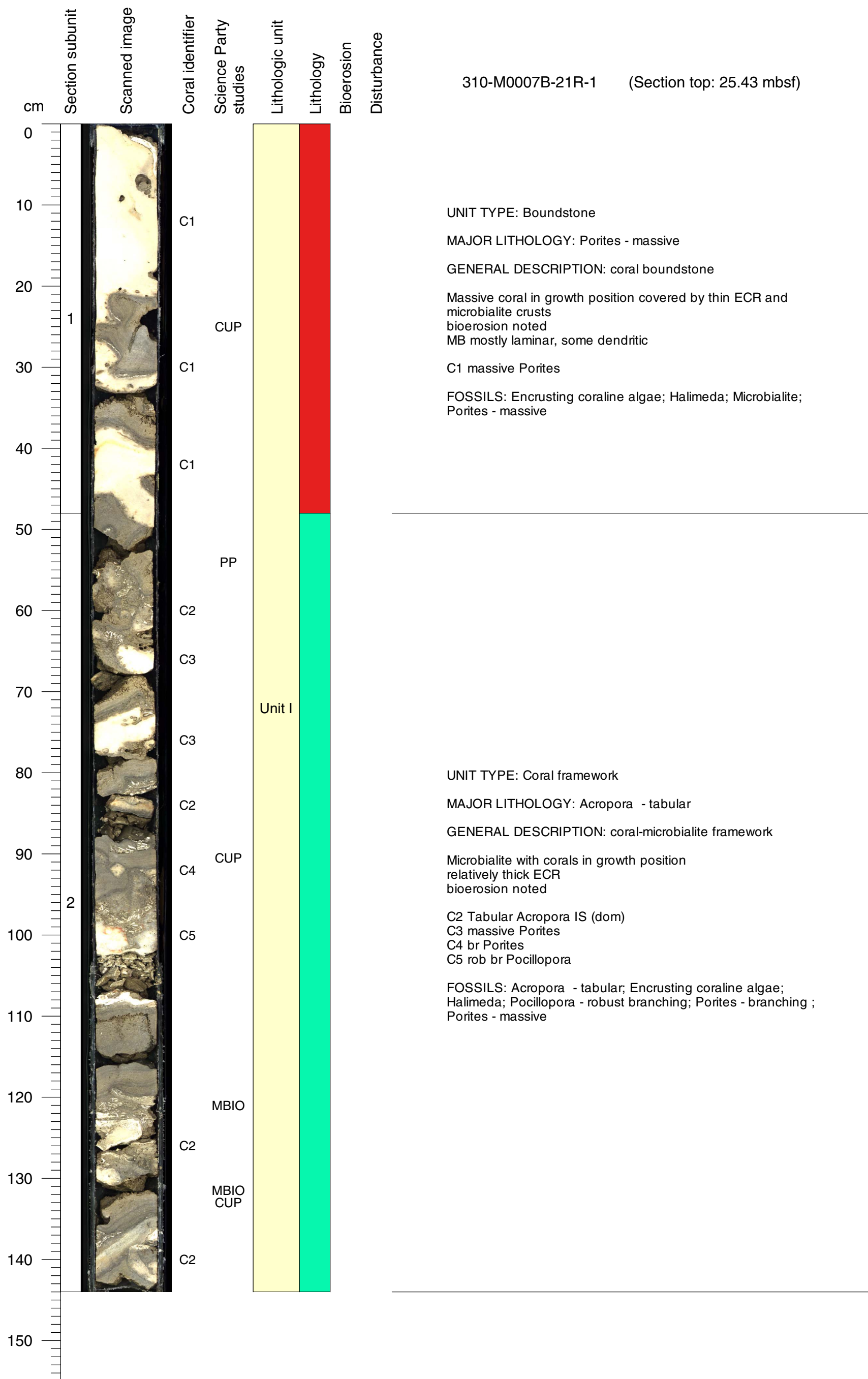
Core Photo

310-M0007B-20R-1 (Section top: 24.23 mbsf)



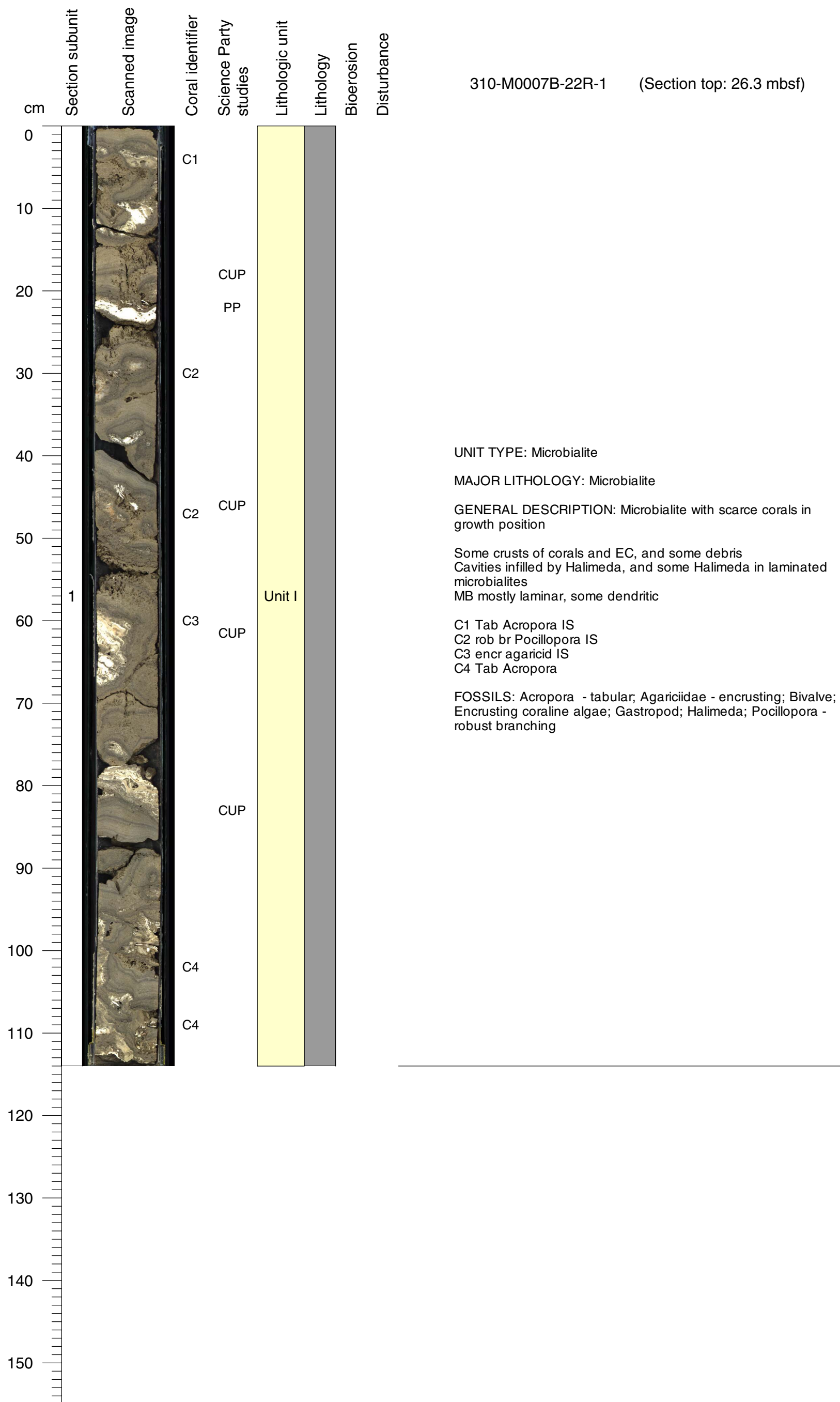
Core Photo

310-M0007B-21R-1 (Section top: 25.43 mbsf)



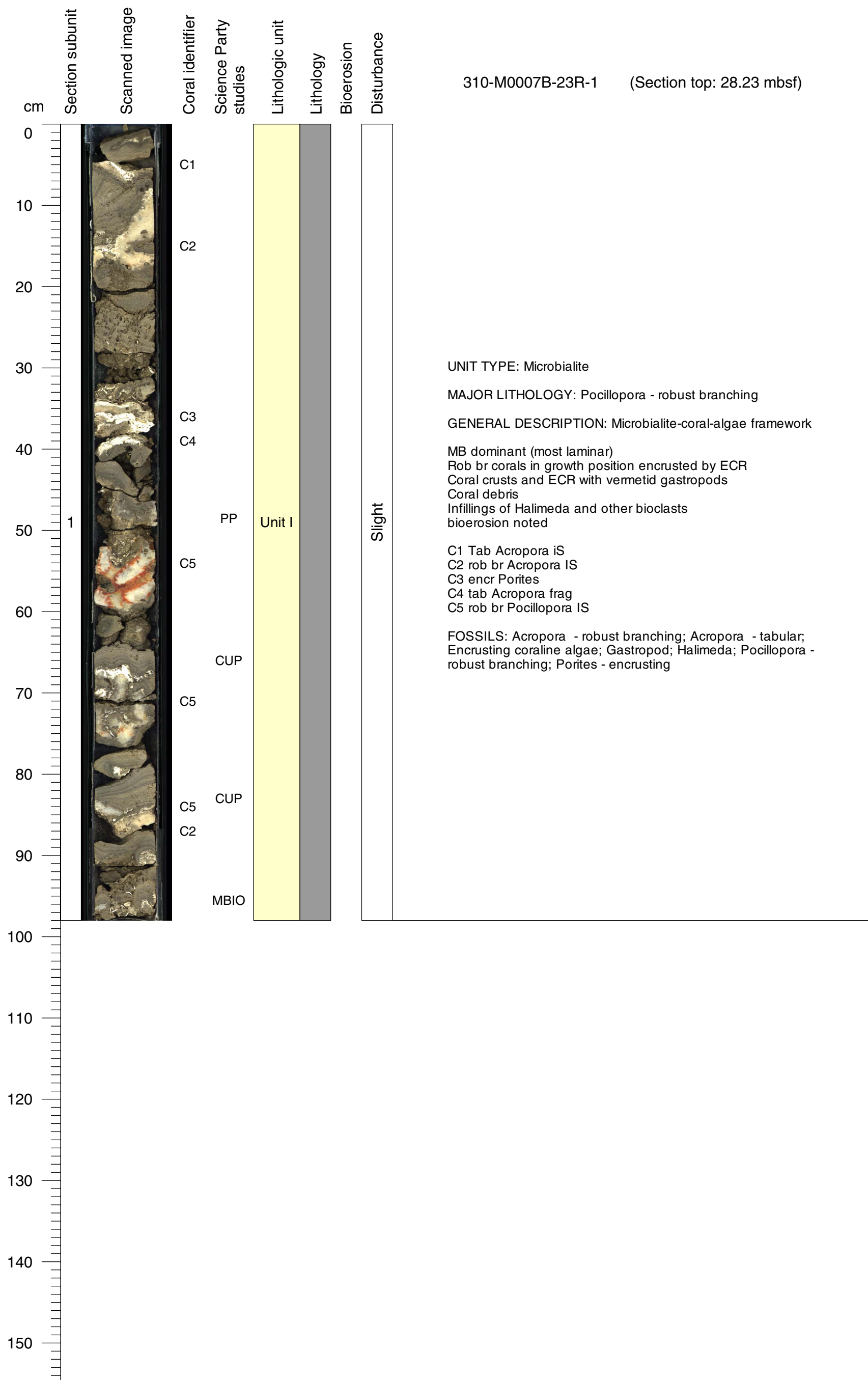
Core Photo

310-M0007B-22R-1 (Section top: 26.3 mbsf)



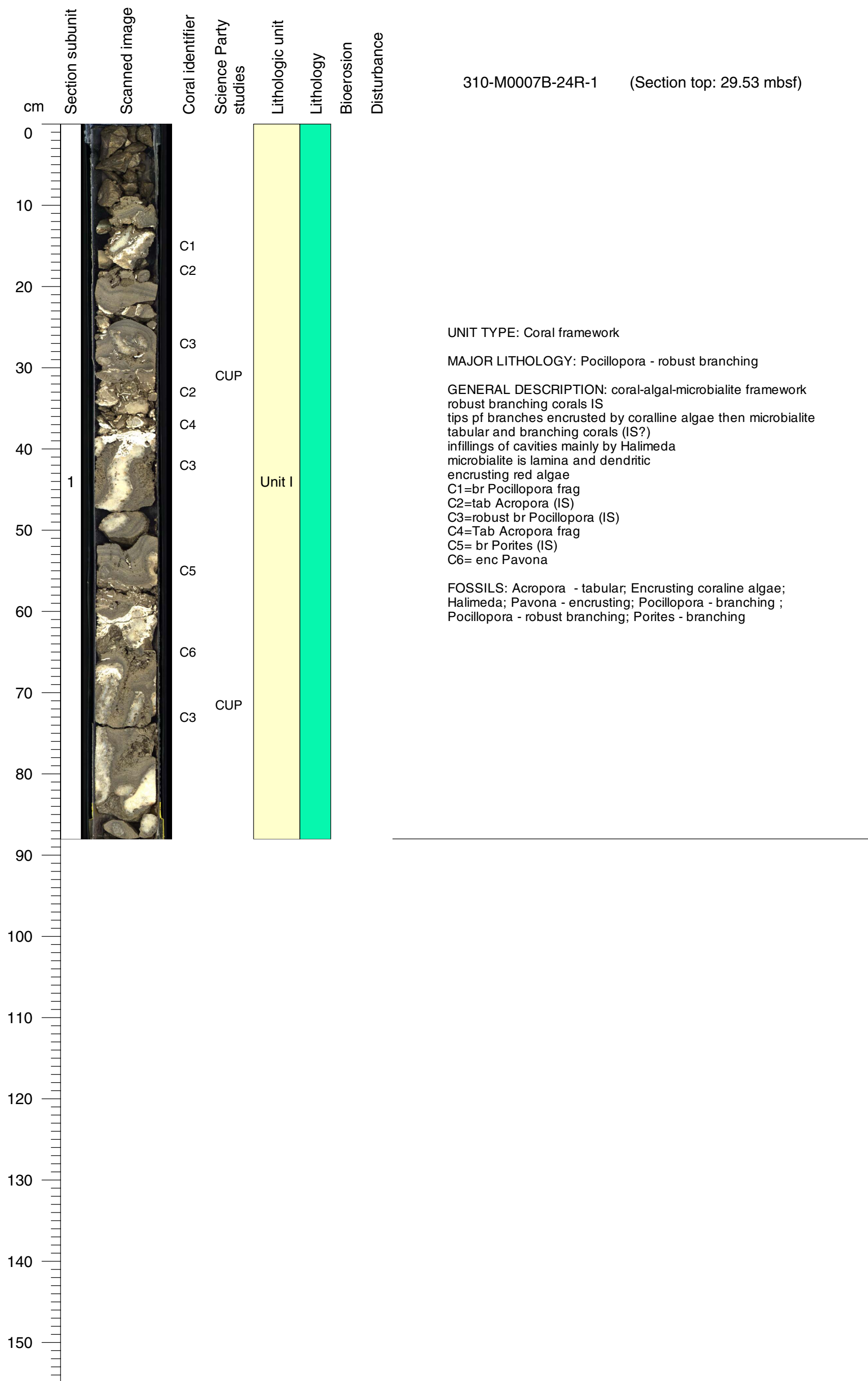
Core Photo

310-M0007B-23R-1 (Section top: 28.23 mbsf)

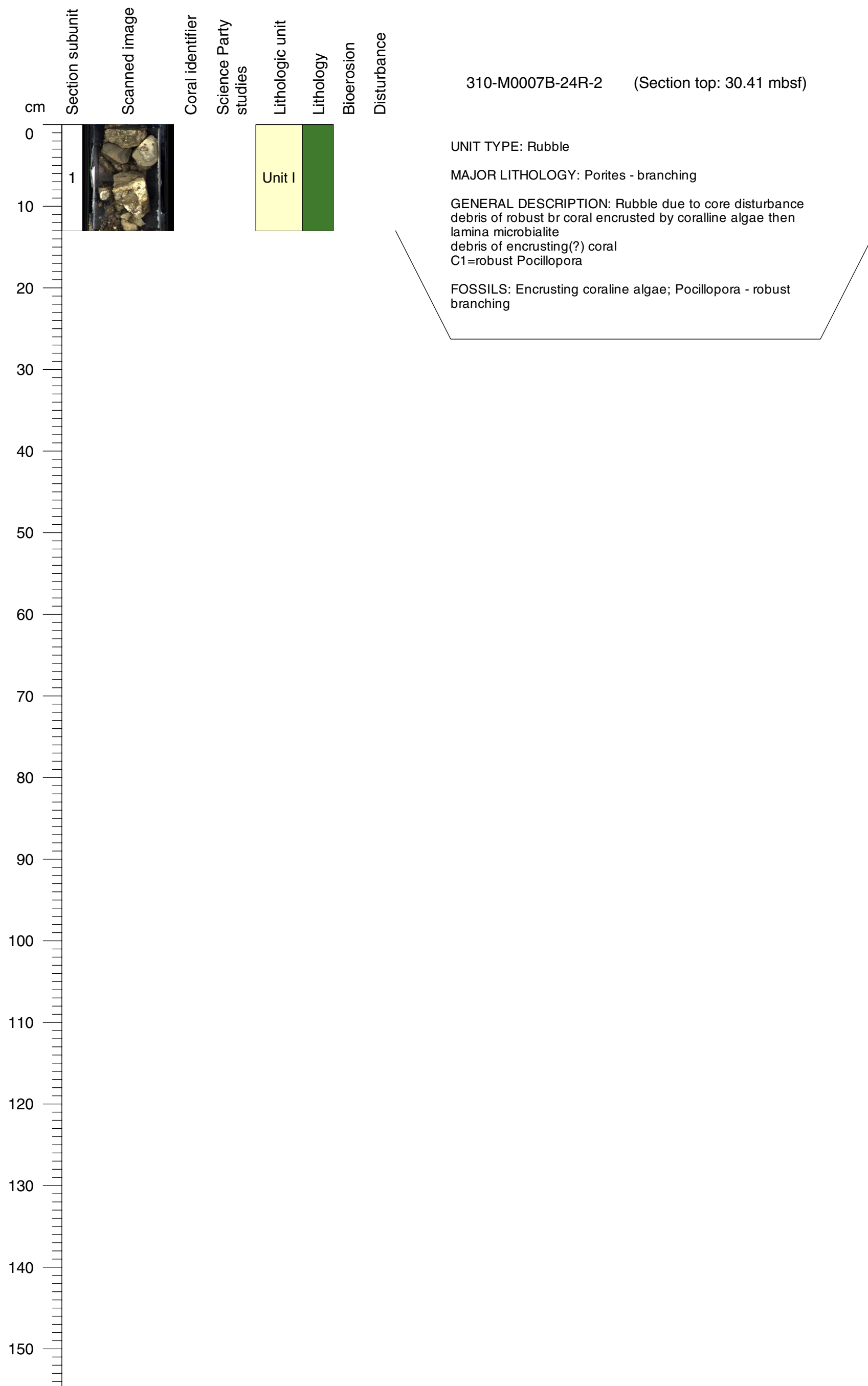


Core Photo

310-M0007B-24R-1 (Section top: 29.53 mbsf)

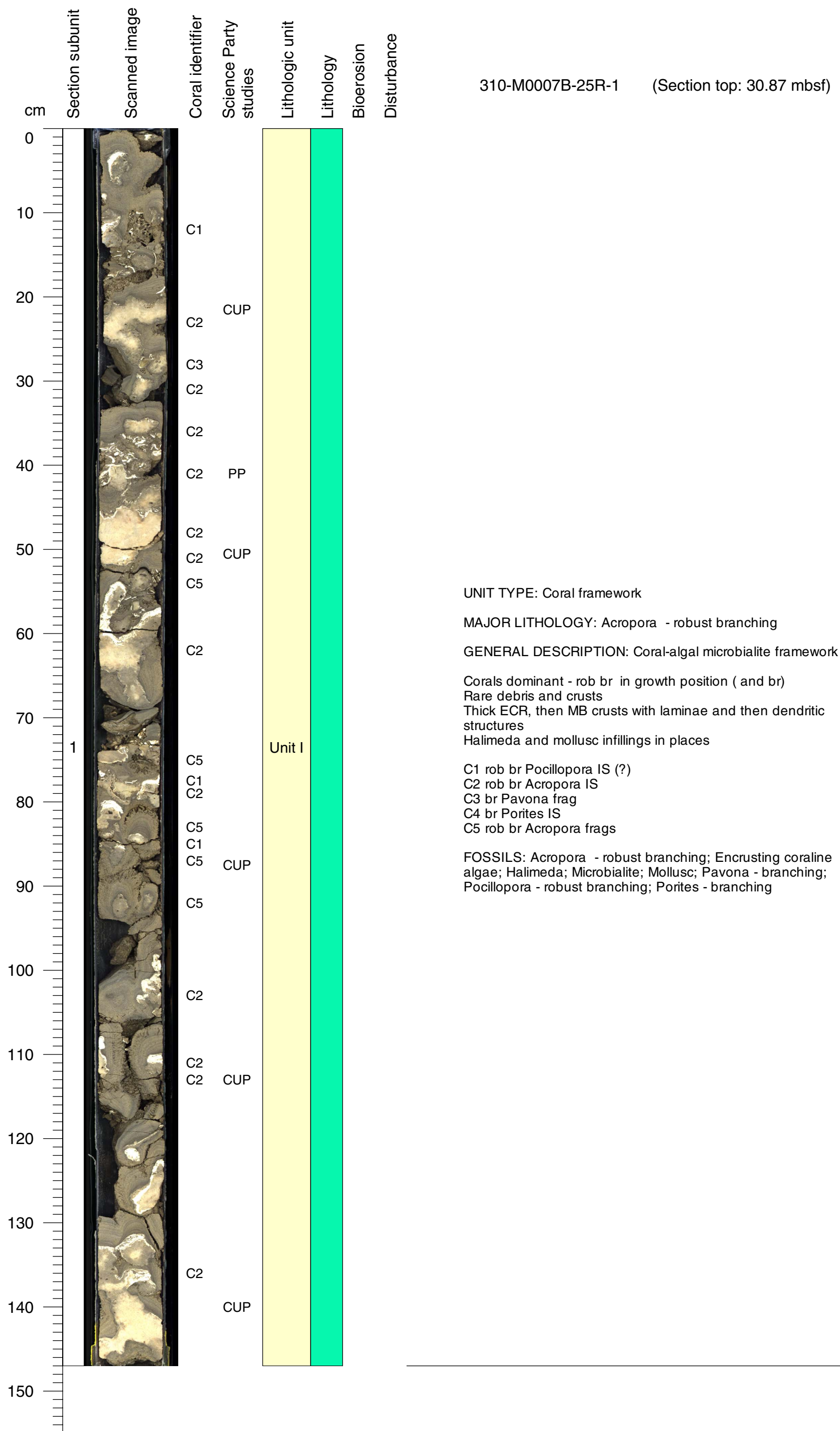


Core Photo

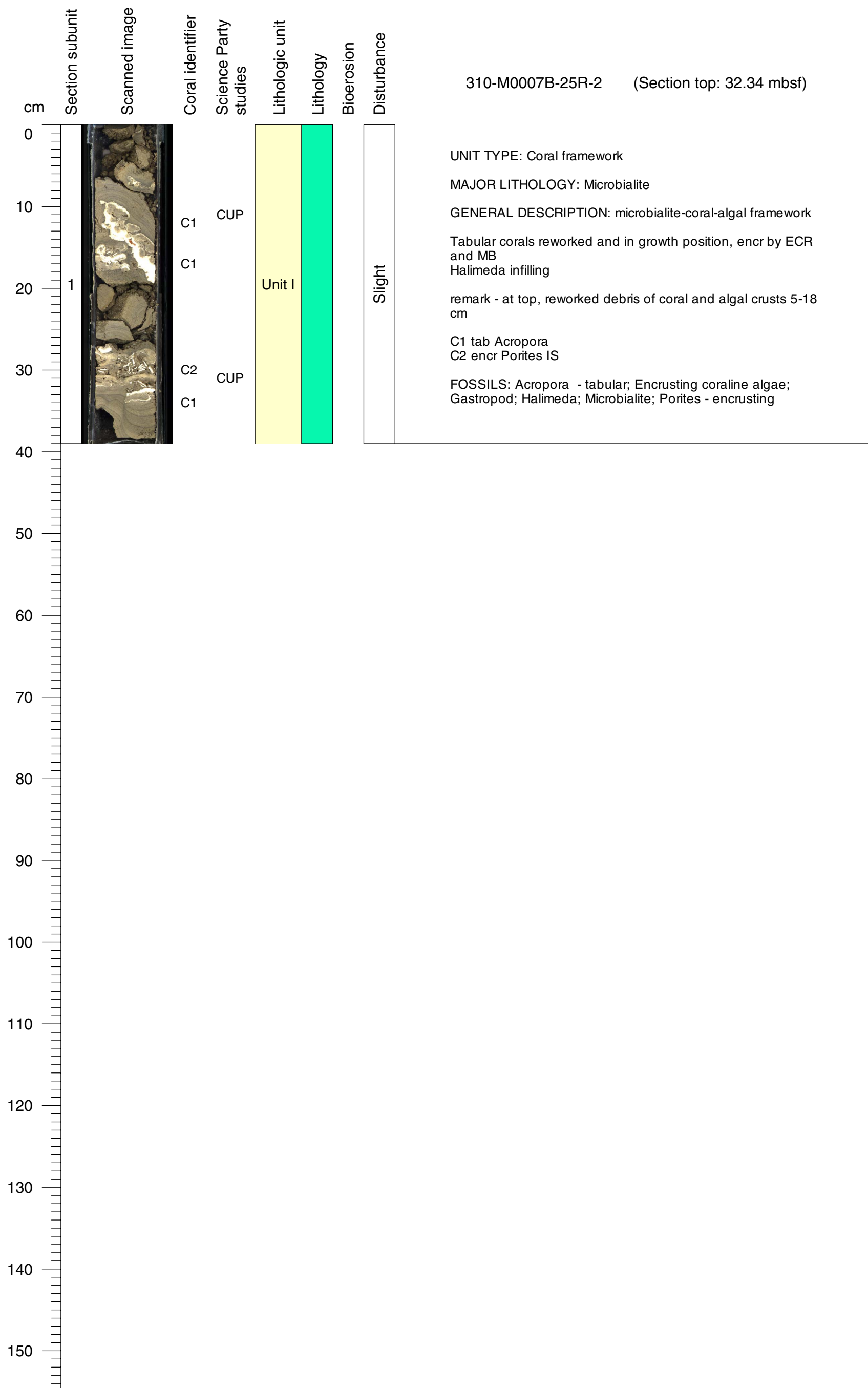


Core Photo

310-M0007B-25R-1 (Section top: 30.87 mbsf)

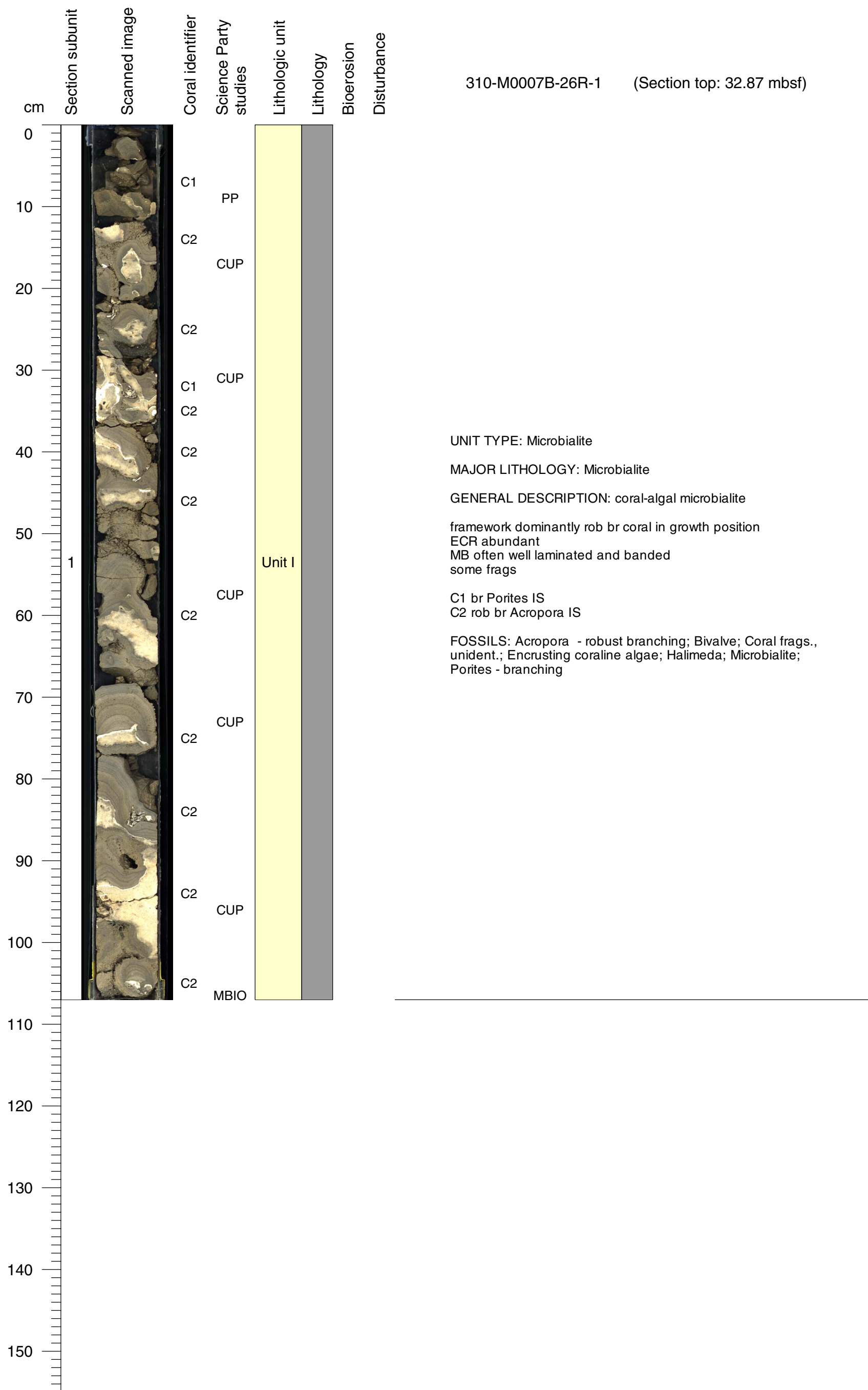


Core Photo



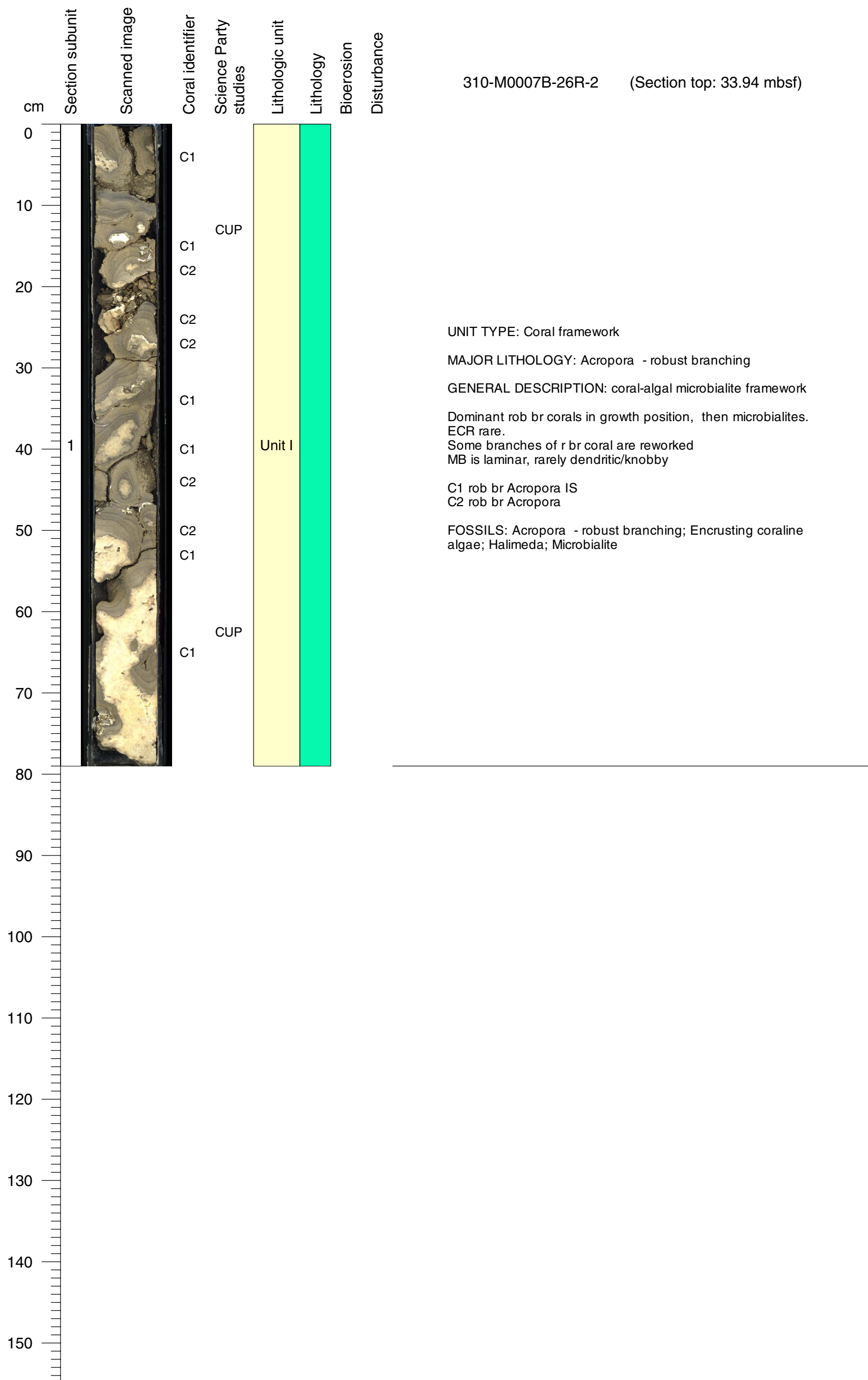
Core Photo

310-M0007B-26R-1 (Section top: 32.87 mbsf)

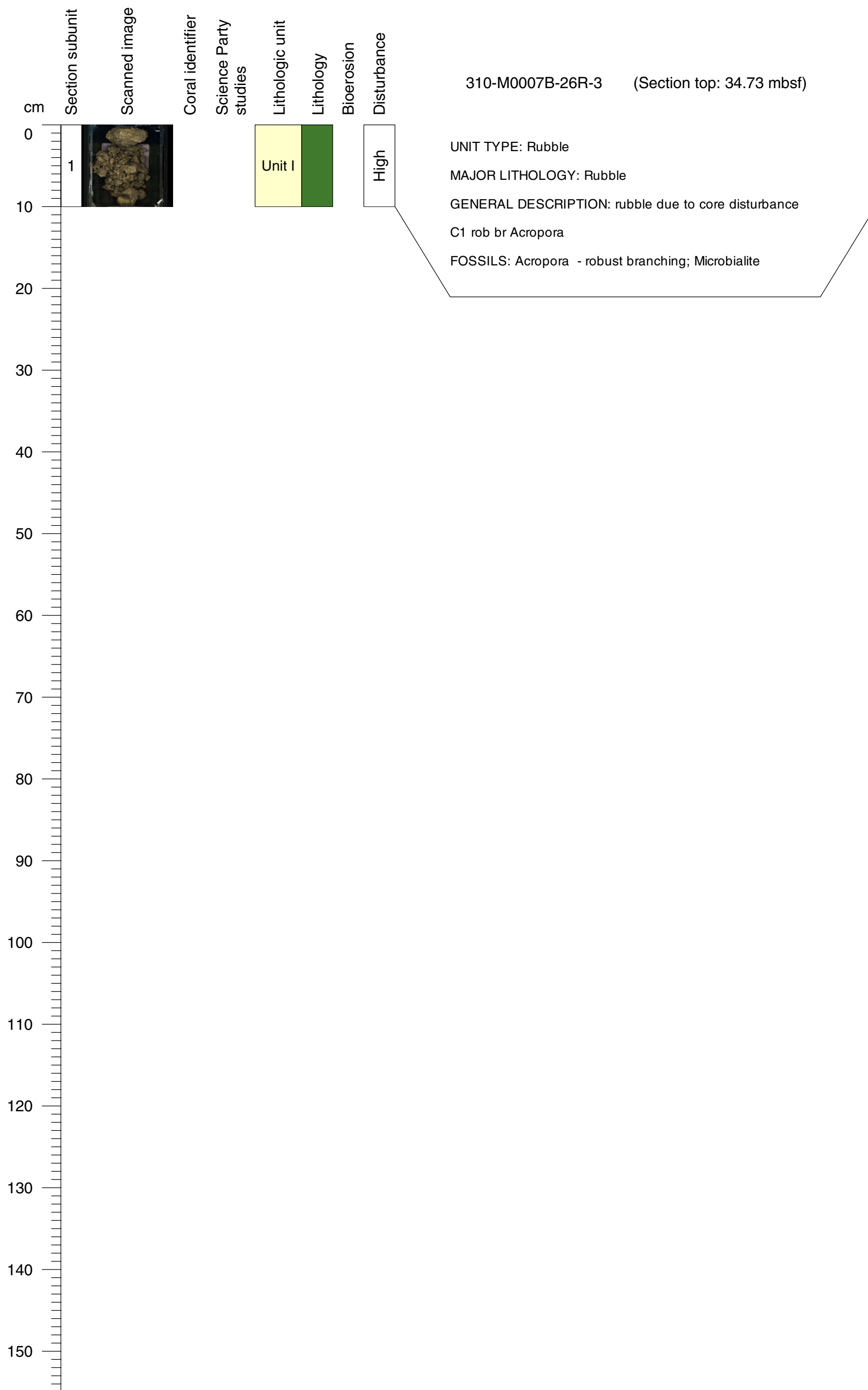


Core Photo

310-M0007B-26R-2 (Section top: 33.94 mbsf)

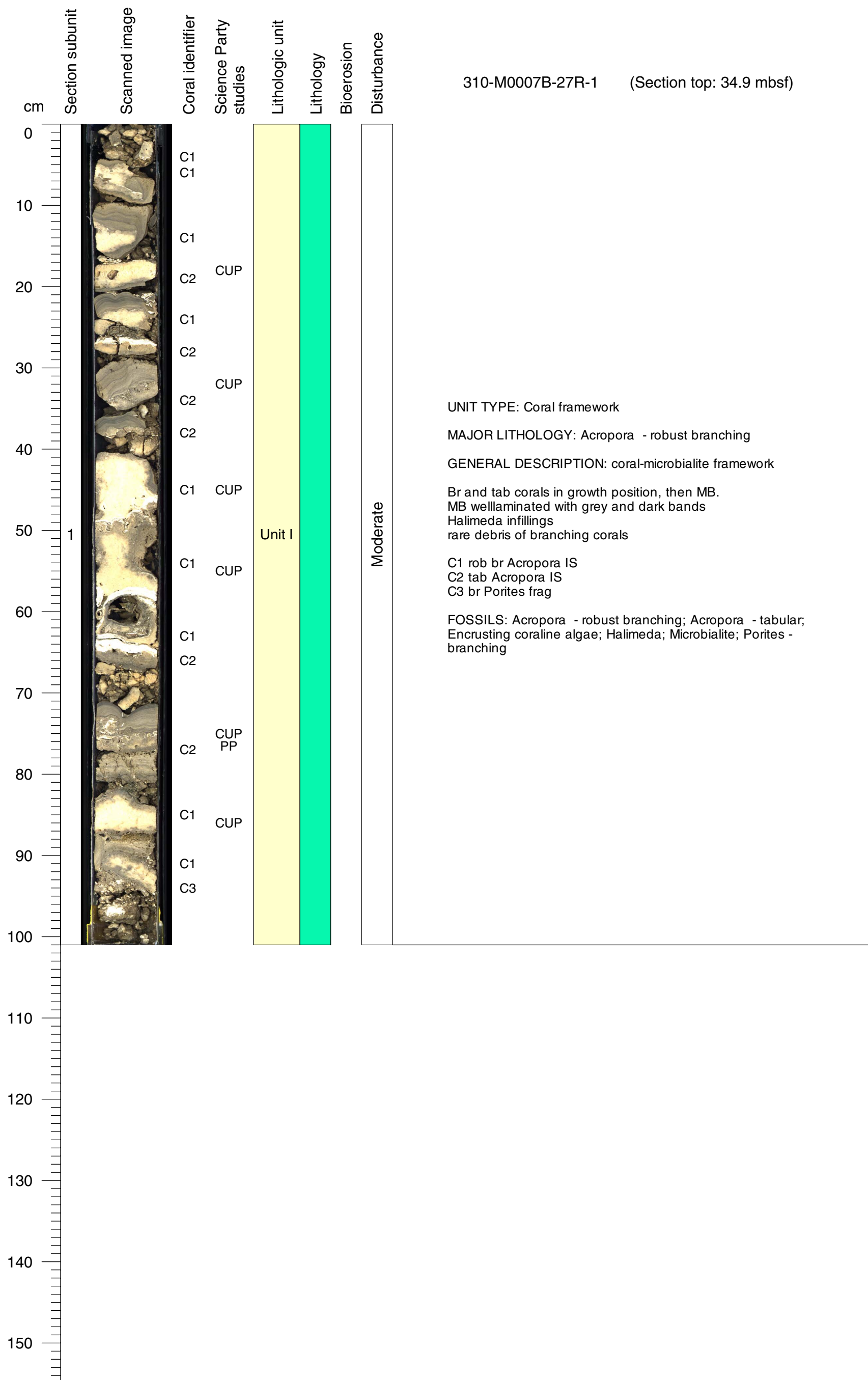


Core Photo

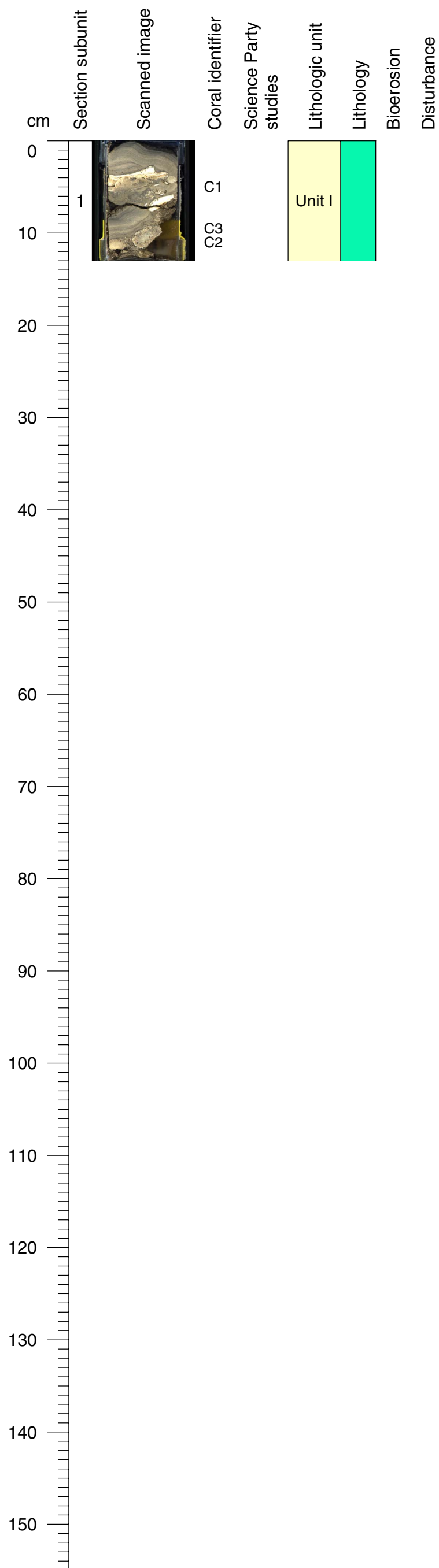


Core Photo

310-M0007B-27R-1 (Section top: 34.9 mbsf)



Core Photo



310-M0007B-27R-2 (Section top: 35.91 mbsf)

UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Acropora - tabular

GENERAL DESCRIPTION: coral-algal-microbialite framework

Tab coral encr by ECR then microbialite. rare debris of br corals. MB is laminar

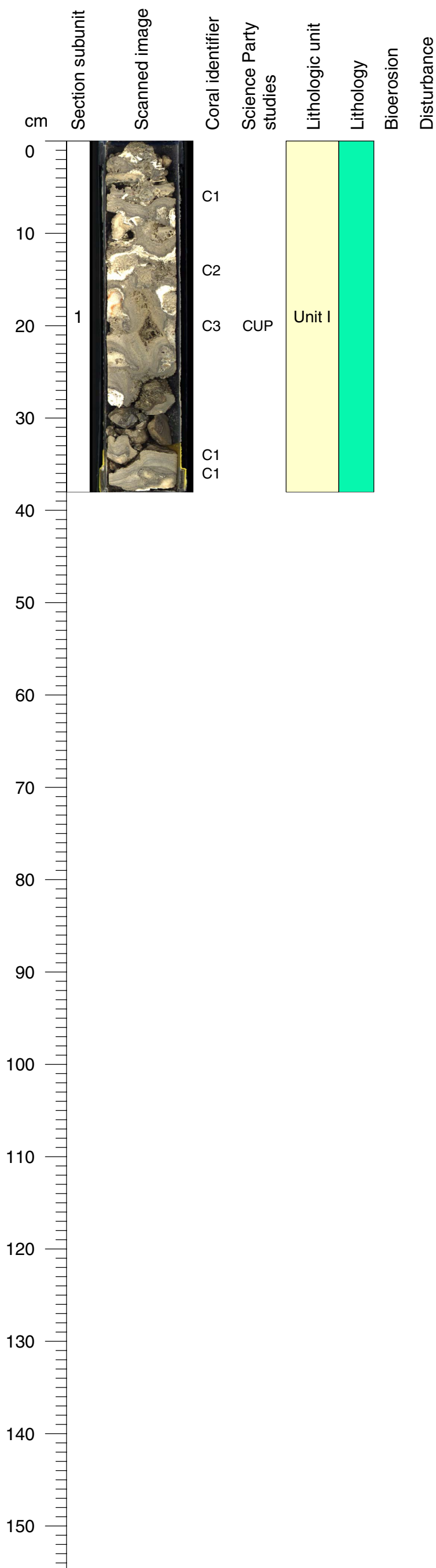
C1 tab Acropora IS
 C2 br Porites frags
 C3 rob br Pocillopora frags

FOSSILS: Acropora - tabular; Encrusting coralline algae; Microbialite; Pocillopora - robust branching; Porites - branching



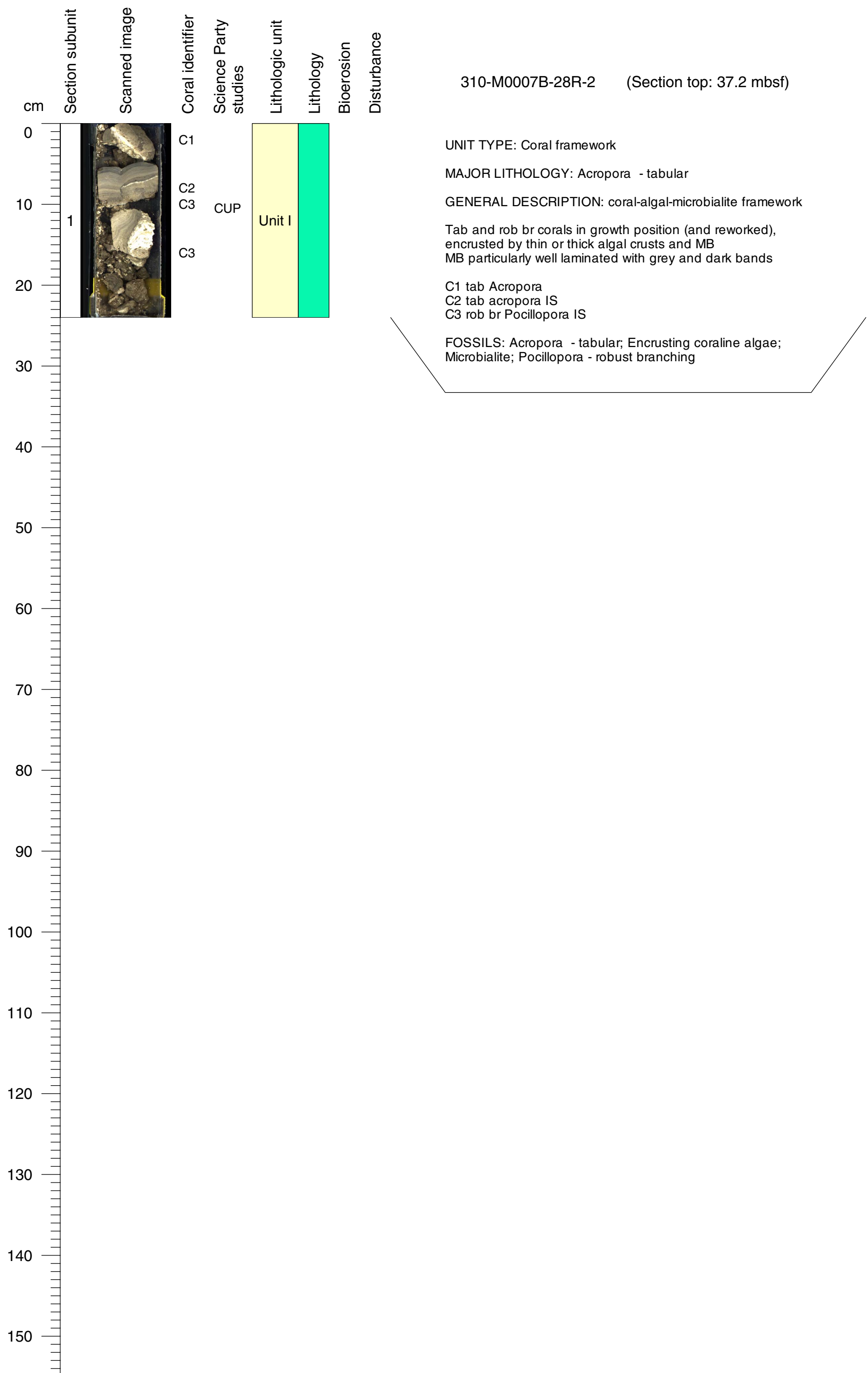
Core Photo

310-M0007B-28R-1 (Section top: 36.82 mbsf)



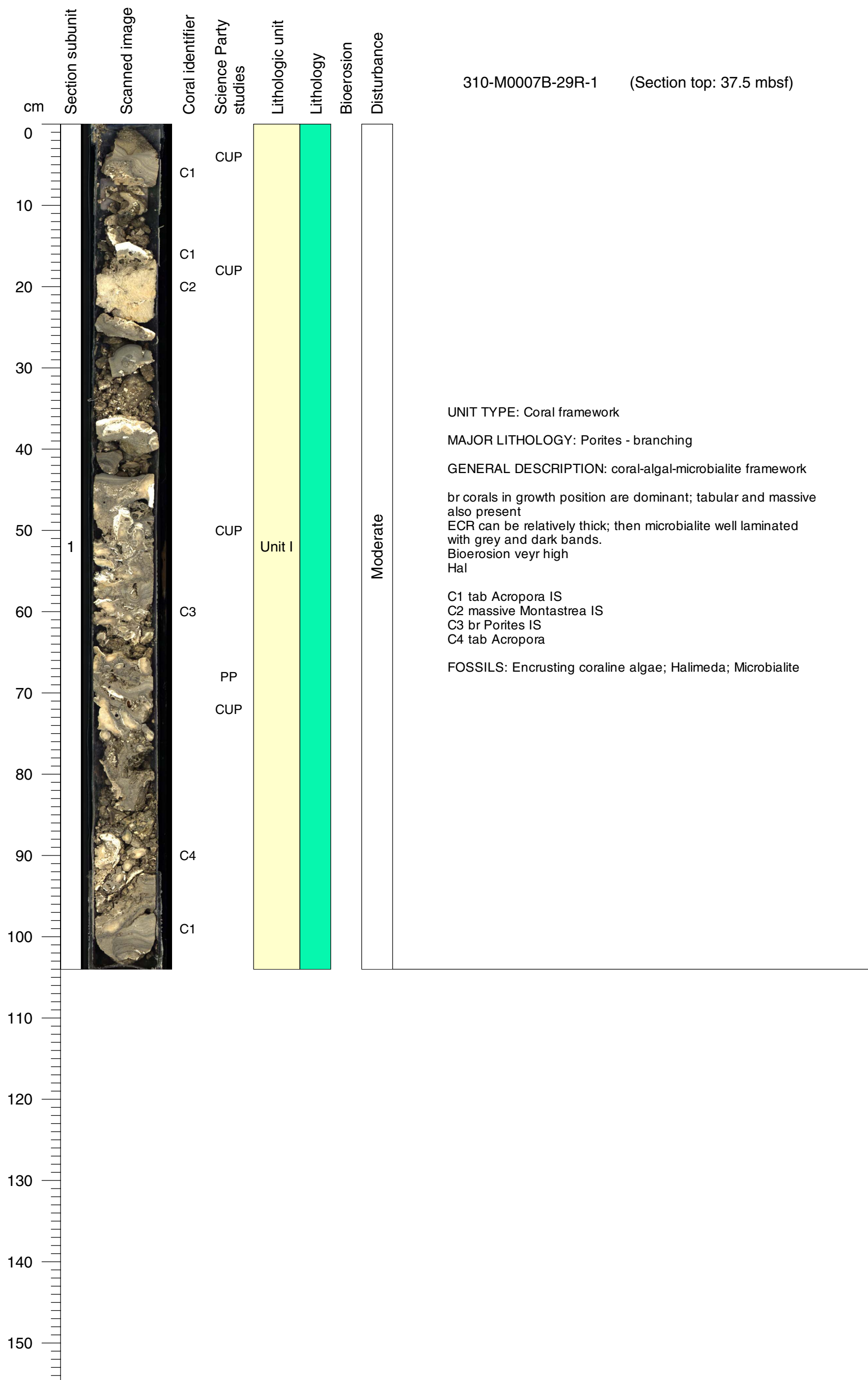
UNIT TYPE: Coral framework
 MAJOR LITHOLOGY: Porites - branching
 GENERAL DESCRIPTION: coral-algal-microbialite framework
 br and rob br corals in growth position.
 ECR on top of corals
 C1 br Porites IS
 C2 rob br Acropora
 C3 rob br Pocillopora IS
 FOSSILS: Acropora - branching; Encrusting coralline algae;
 Microbialite; Pocillopora - robust branching; Porites - branching

Core Photo

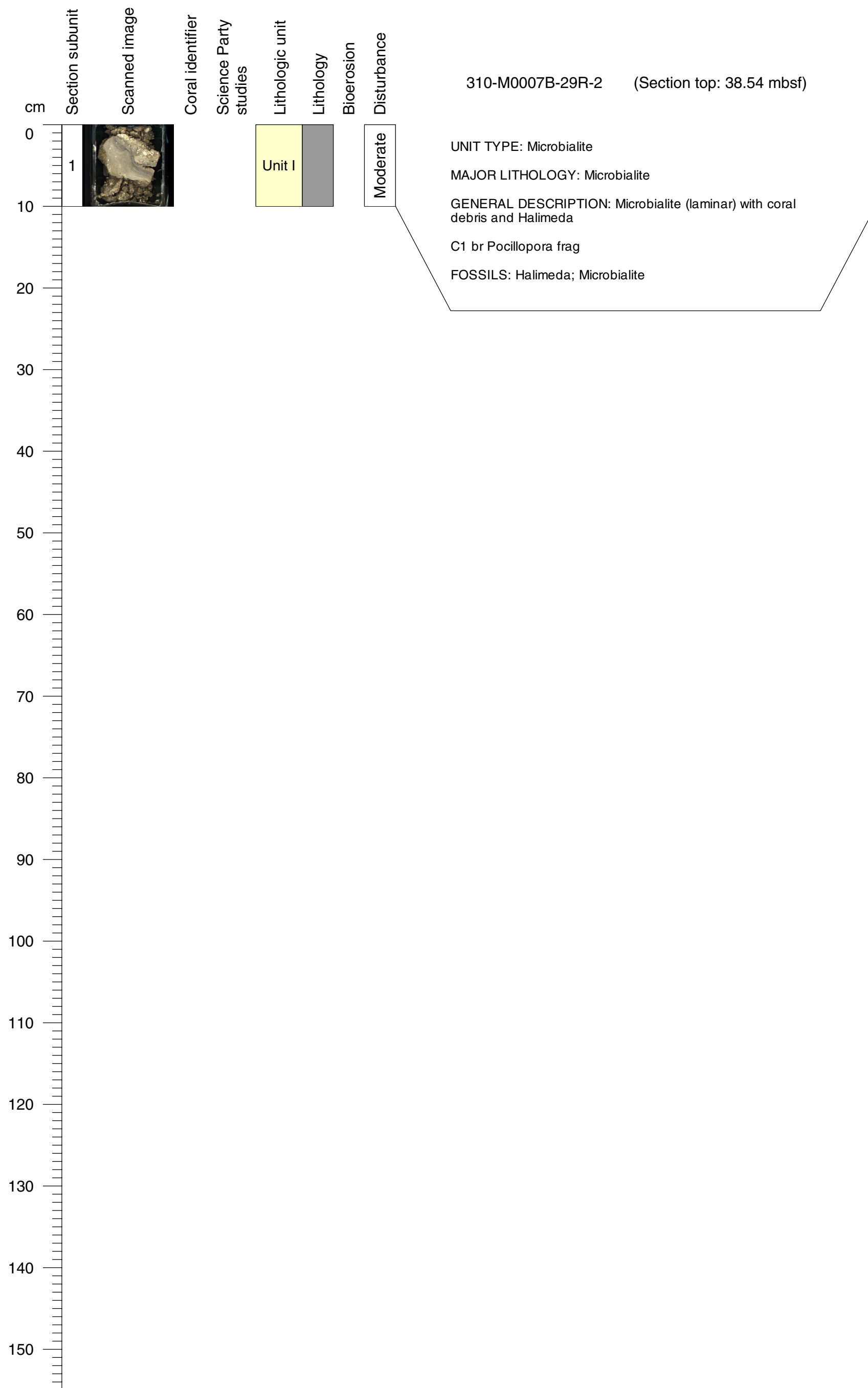


Core Photo

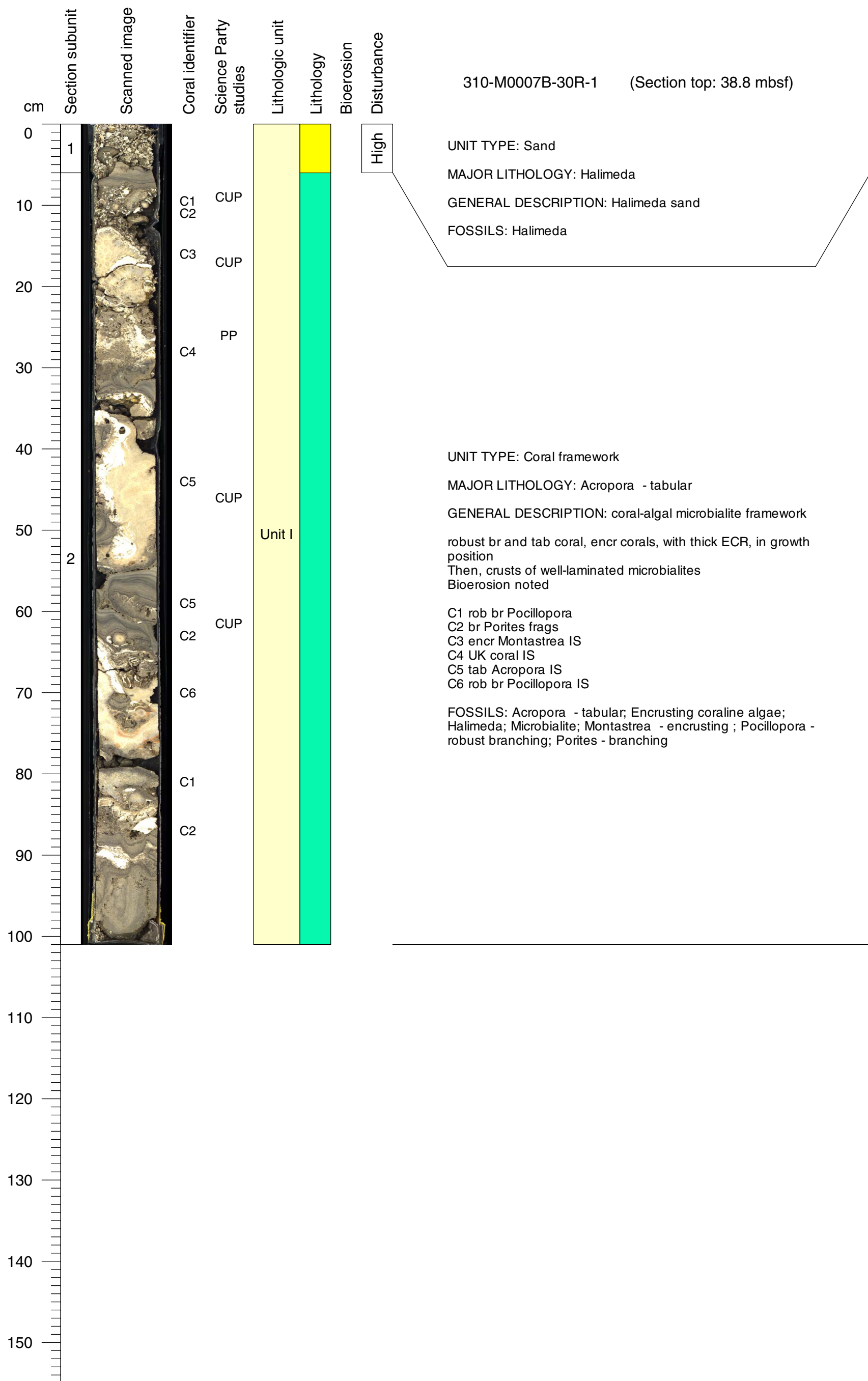
310-M0007B-29R-1 (Section top: 37.5 mbsf)



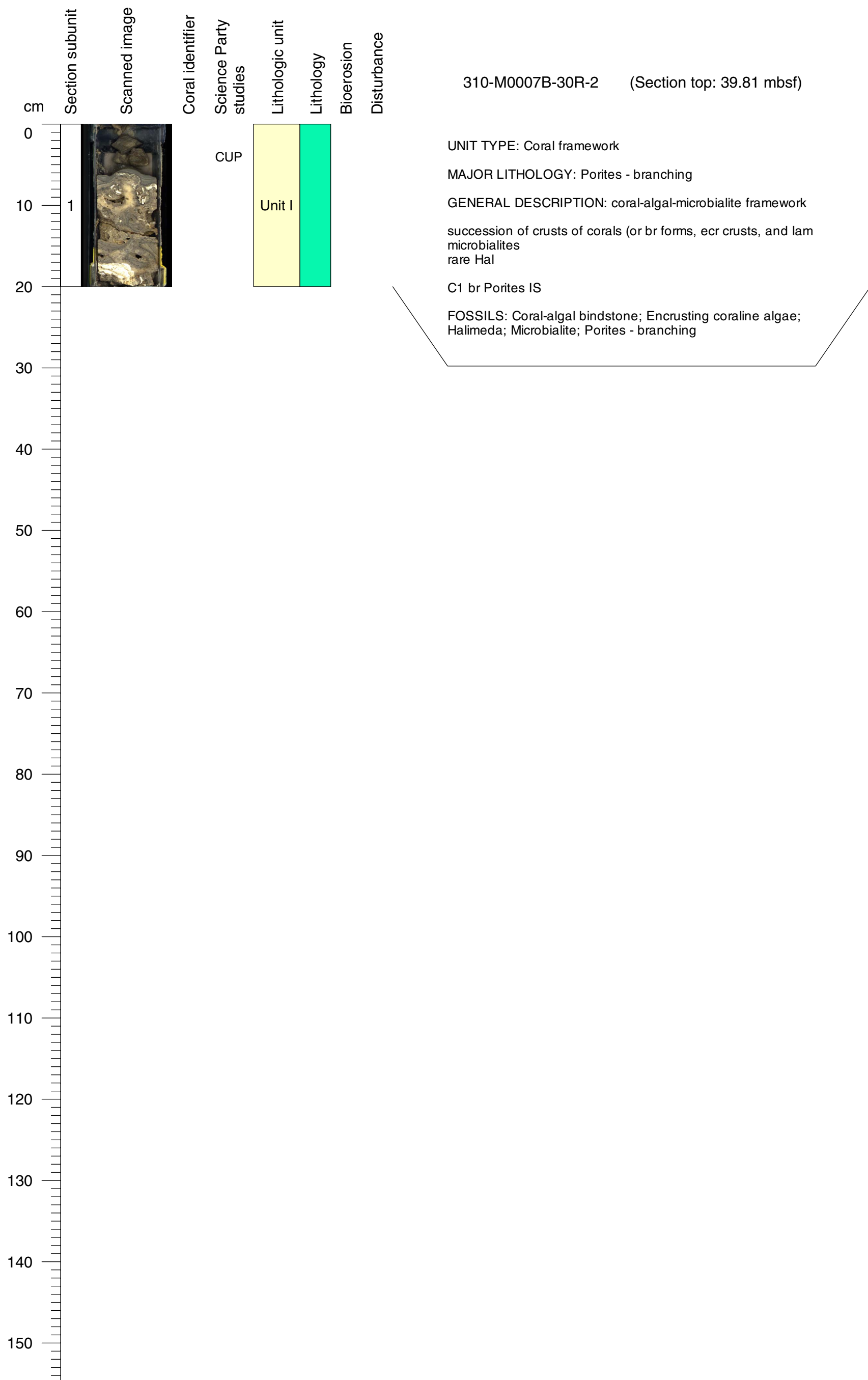
Core Photo



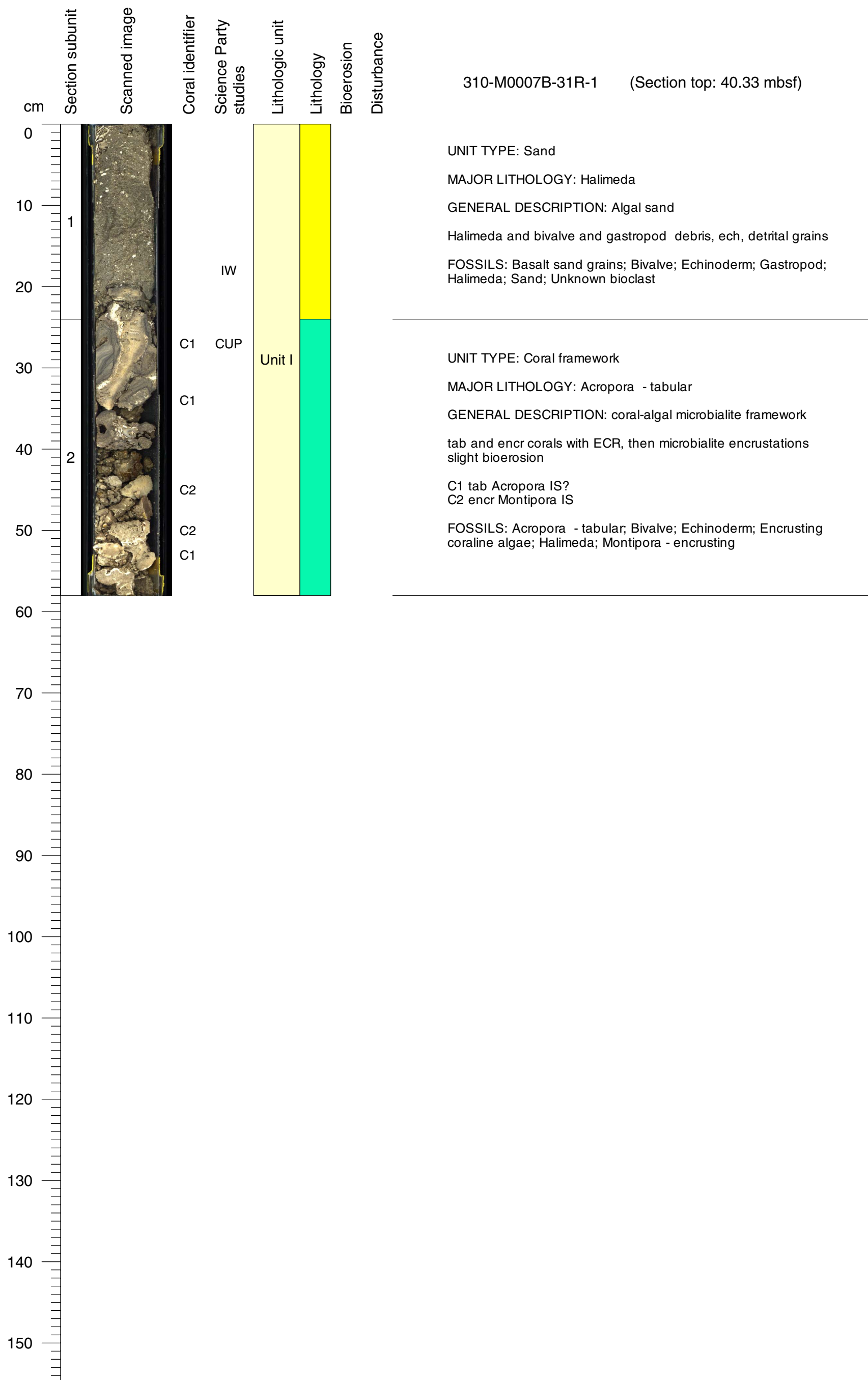
Core Photo



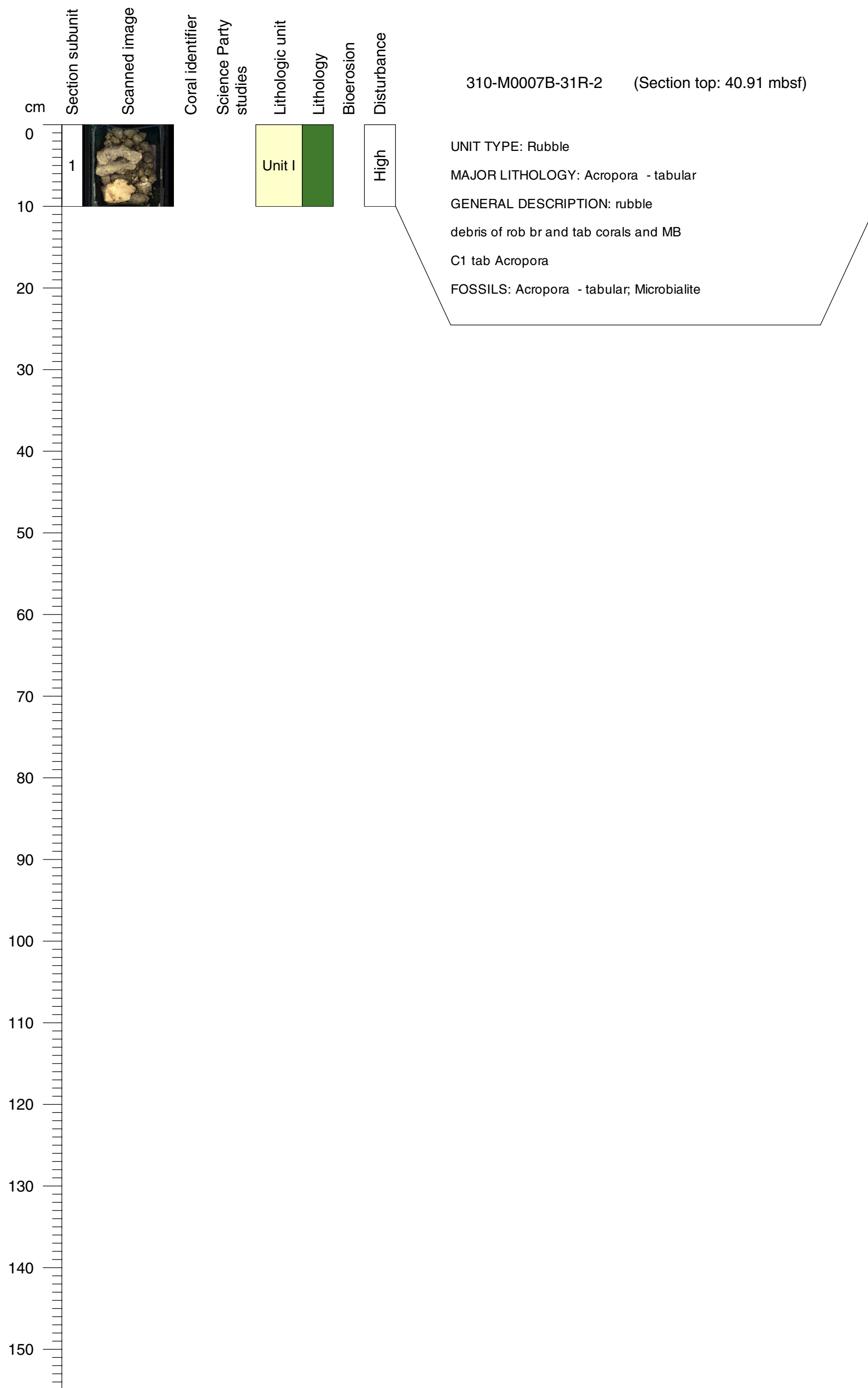
Core Photo



Core Photo

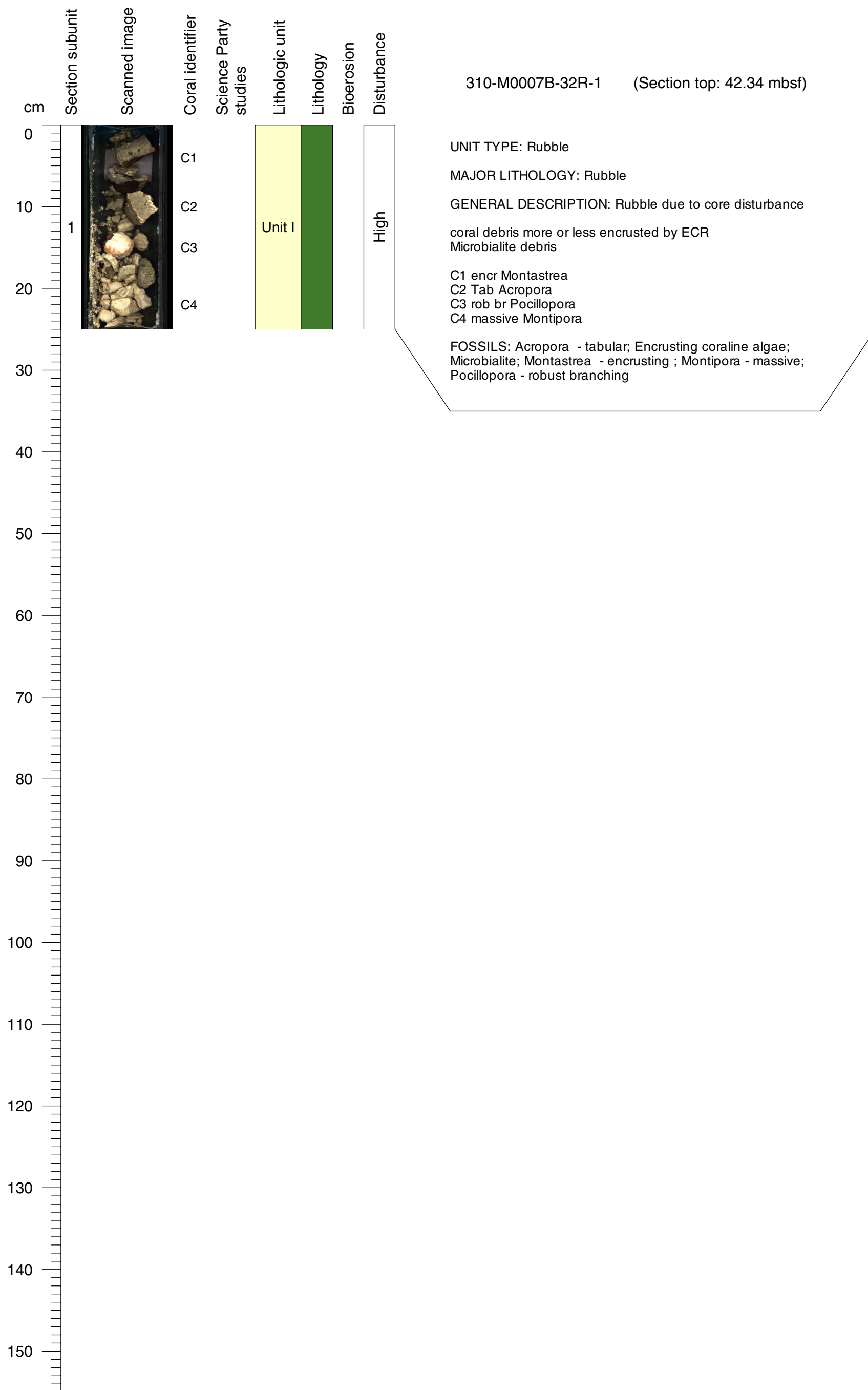


Core Photo



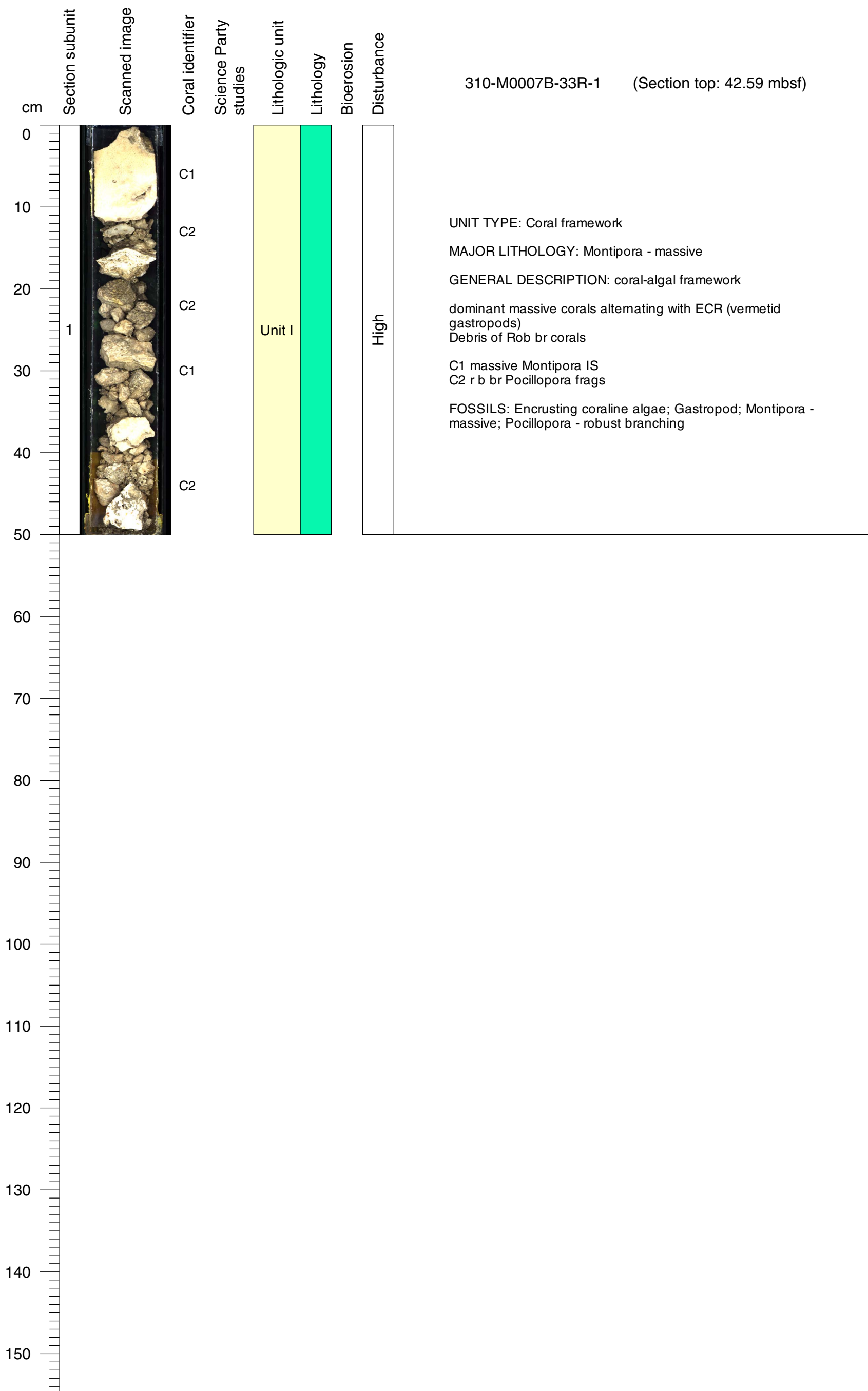
Core Photo

310-M0007B-32R-1 (Section top: 42.34 mbsf)

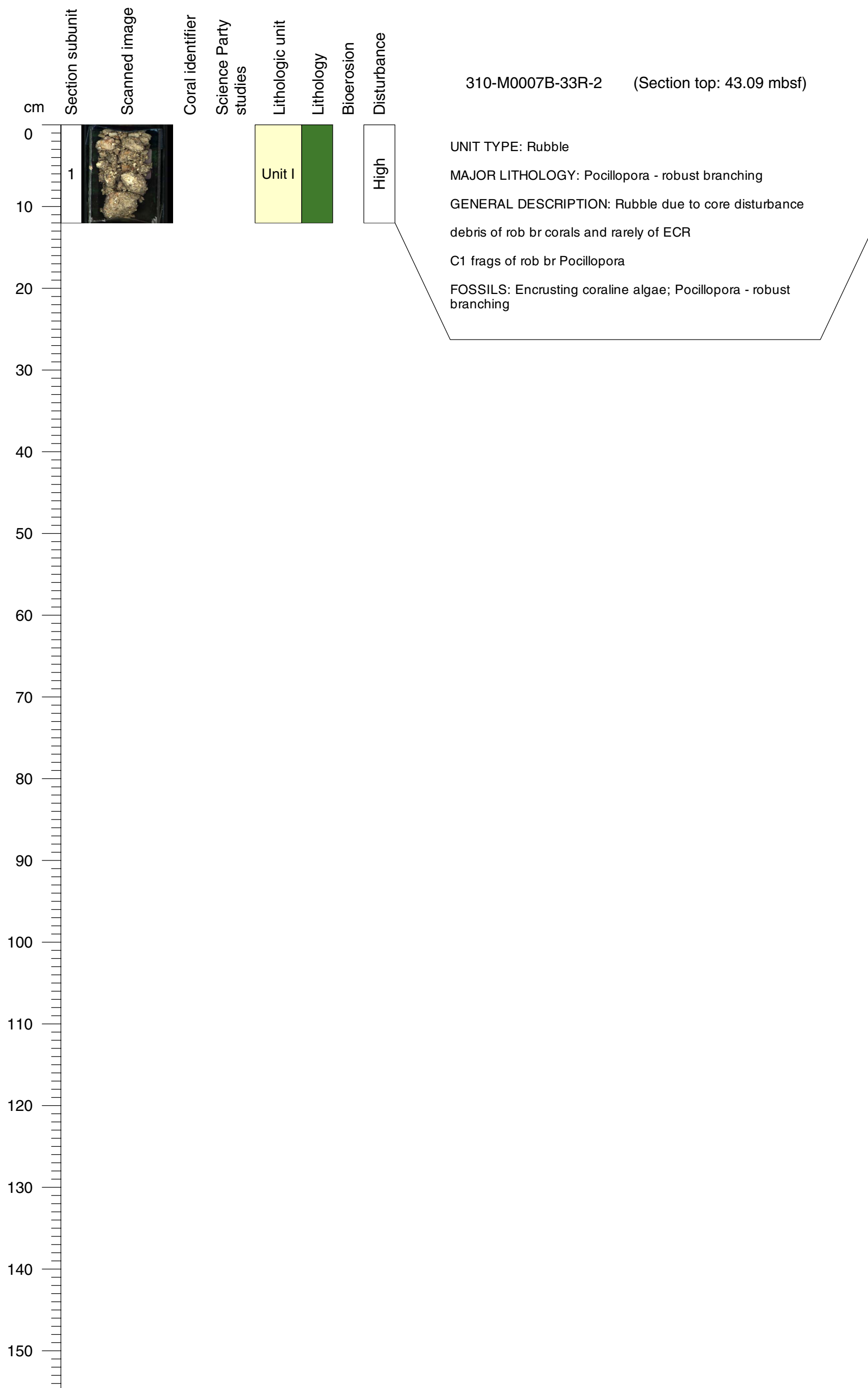


Core Photo

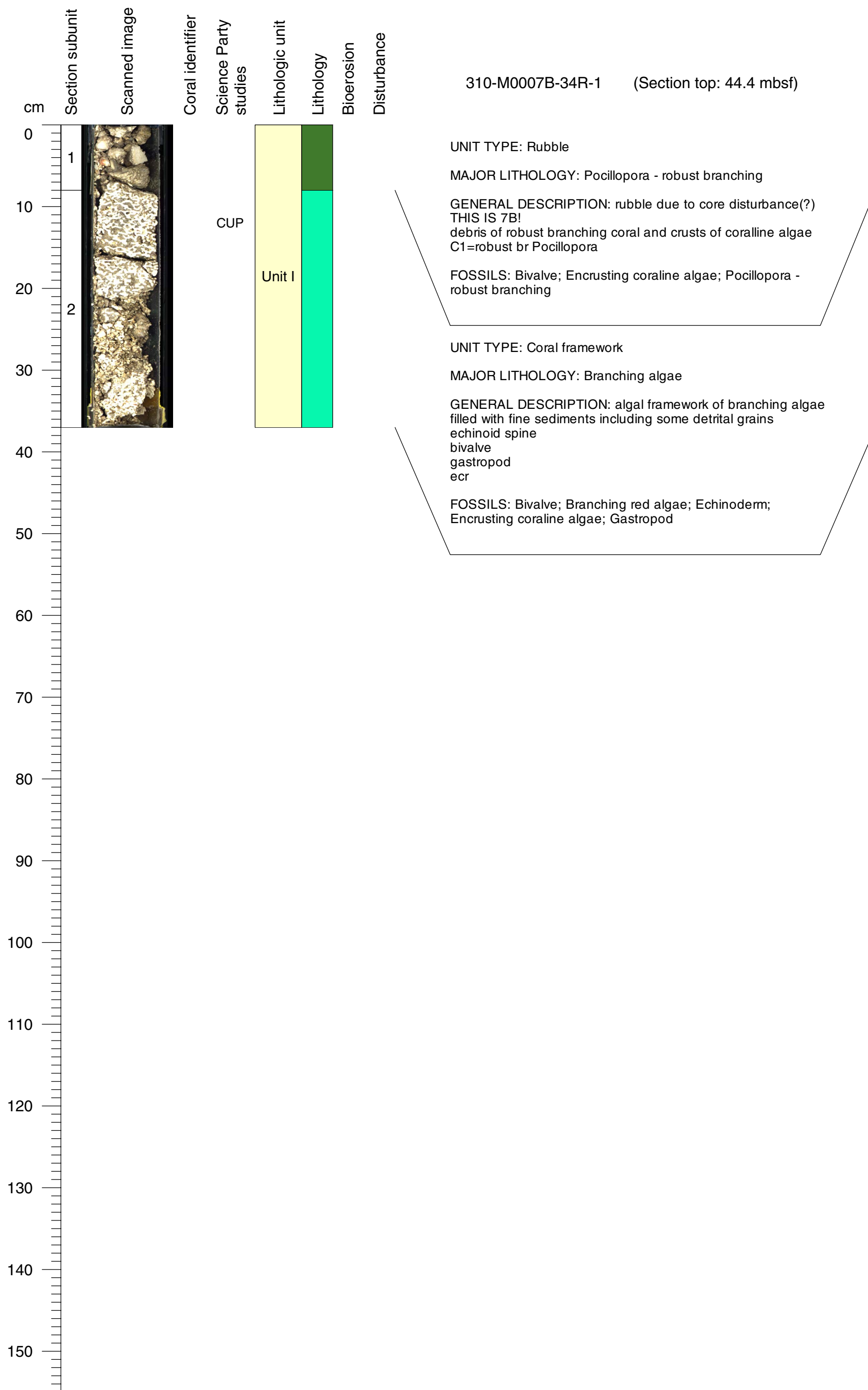
310-M0007B-33R-1 (Section top: 42.59 mbsf)



Core Photo

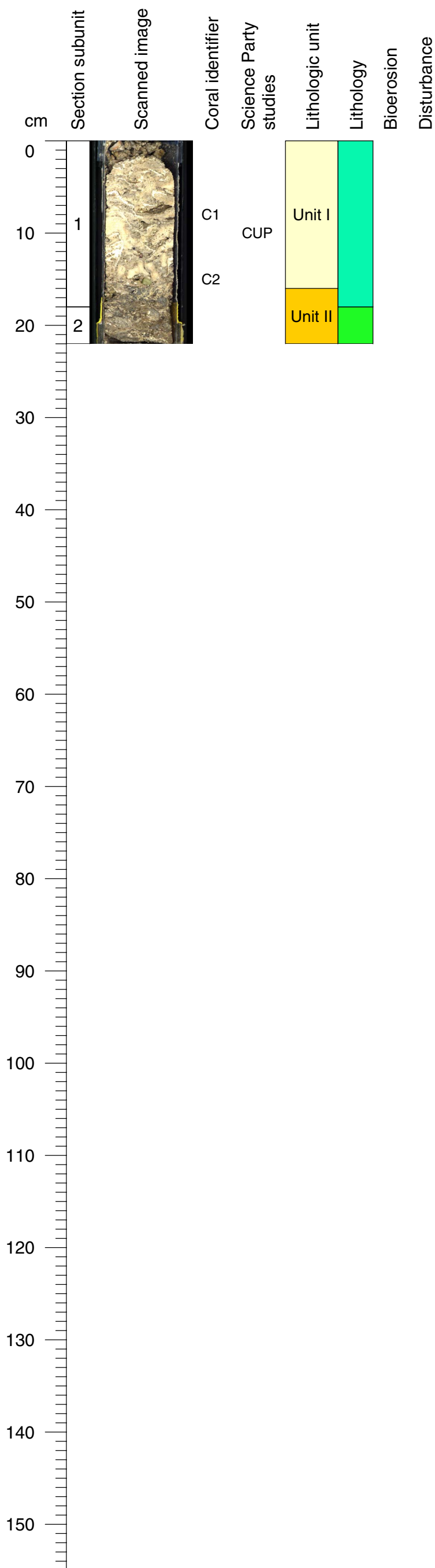


Core Photo



Core Photo

310-M0007B-34R-2 (Section top: 44.77 mbsf)



UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Porites - encrusting

GENERAL DESCRIPTION: coral algal framework
crusts of coral and coralline algae alternating
debris of coral branches and other bioclasts
discontinuity at base?
C1= enc Porites IS

FOSSILS: Encrusting coralline algae

UNIT TYPE: Floatstone

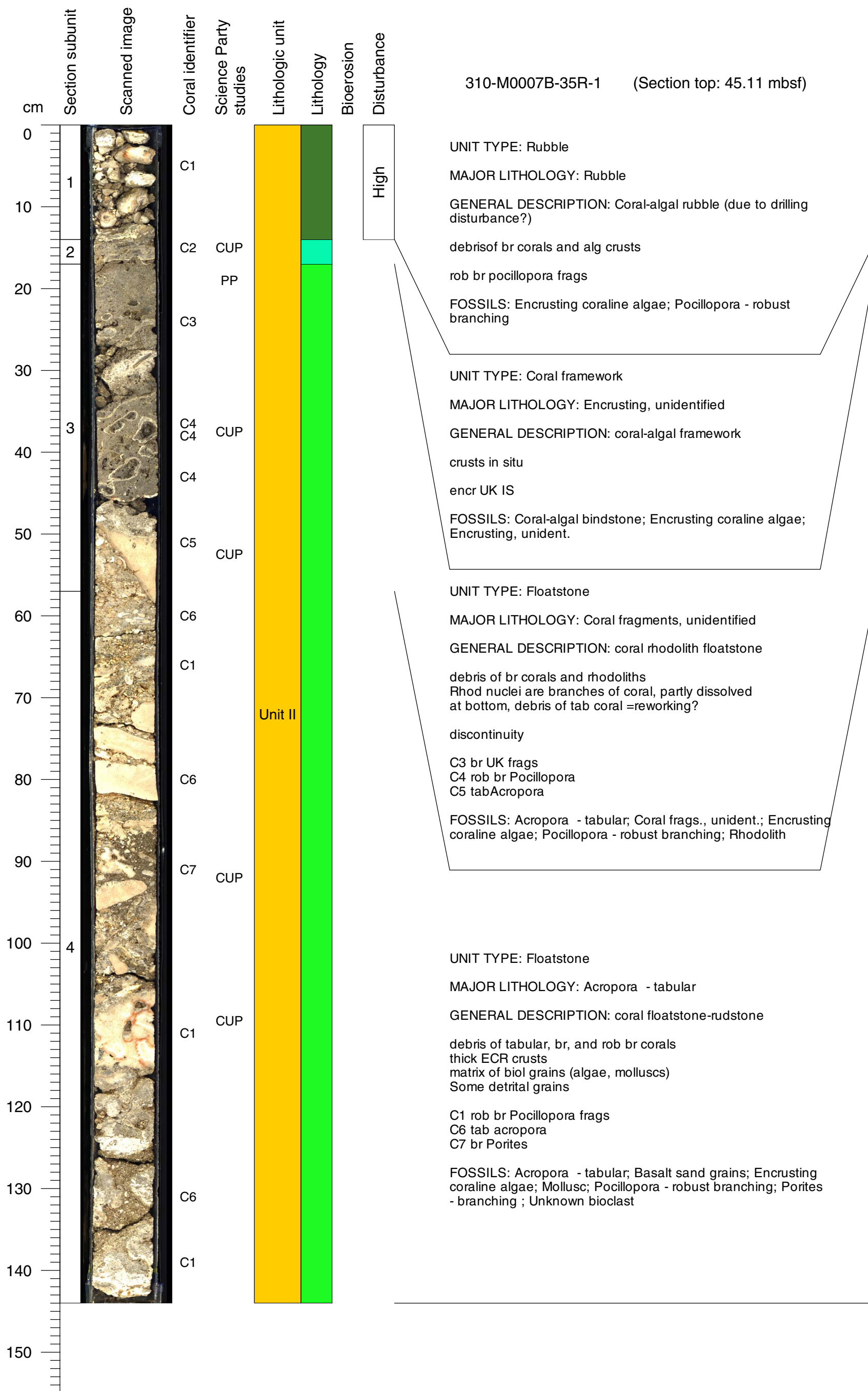
MAJOR LITHOLOGY: Encrusting coralline algae

GENERAL DESCRIPTION: algal floatstone
debris of coralline algae and matrix composed of debris of coral
mollusc and echinoid
C2=br Porites frags

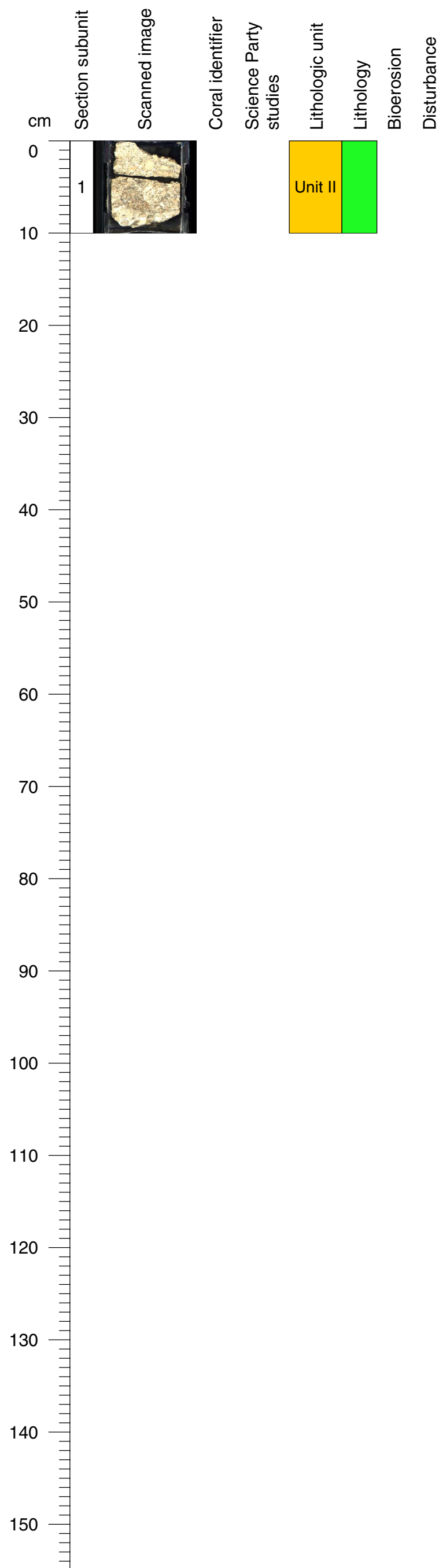
FOSSILS: Echinoderm; Encrusting coralline algae; Mollusc;
Porites - branching

Core Photo

310-M0007B-35R-1 (Section top: 45.11 mbsf)



Core Photo

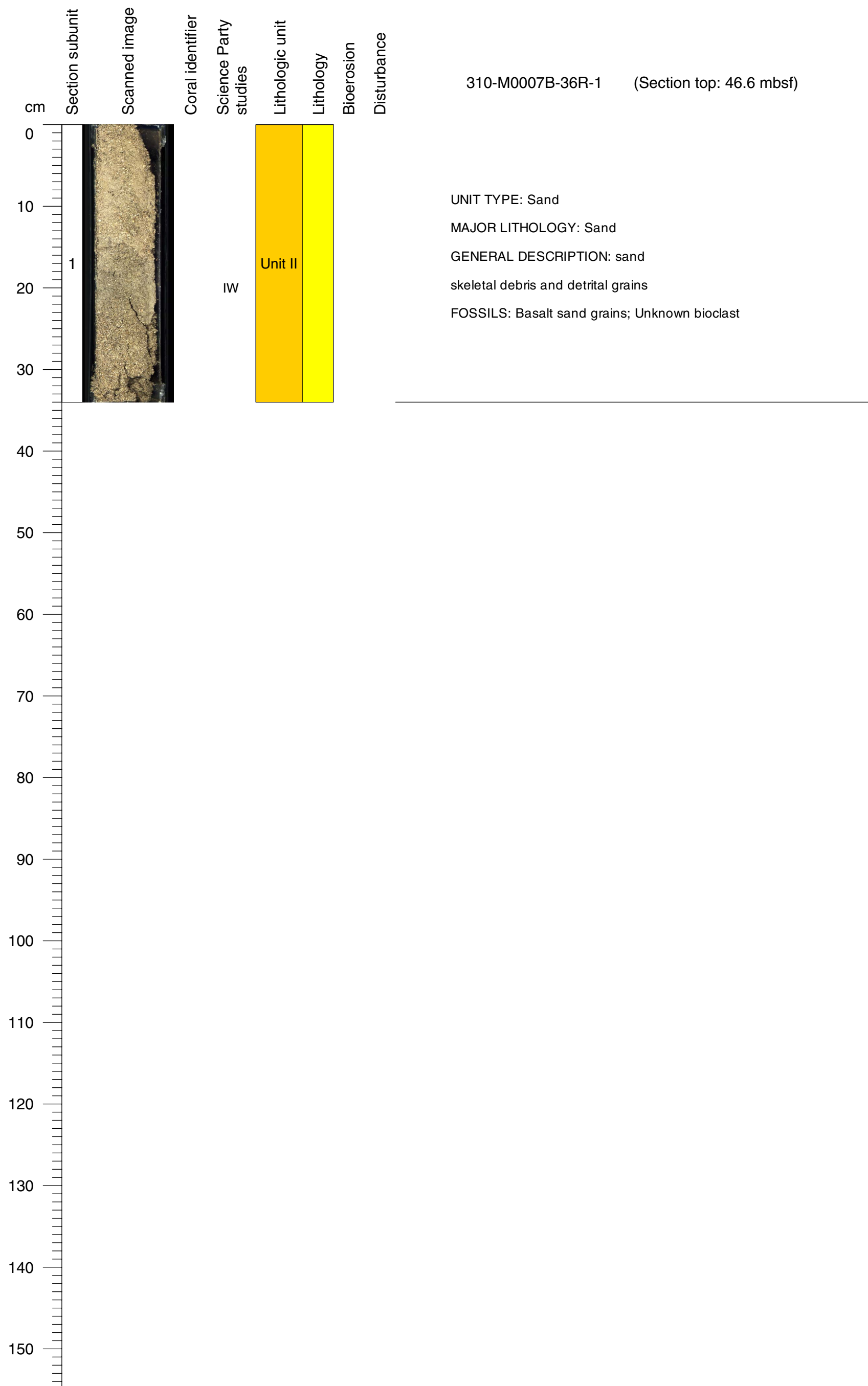


310-M0007B-35R-2 (Section top: 46.55 mbsf)

UNIT TYPE: Floatstone
 MAJOR LITHOLOGY: Acropora - tabular
 GENERAL DESCRIPTION: coral floatstone
 debris of tab abd br corals, molluscs, ecr debris
 matrix - algal, detrital, mollusc
 C1 tabular Acropora debris
 FOSSILS: Acropora - tabular; Encrusting coraline algae;
 Mollusc; Unknown bioclast



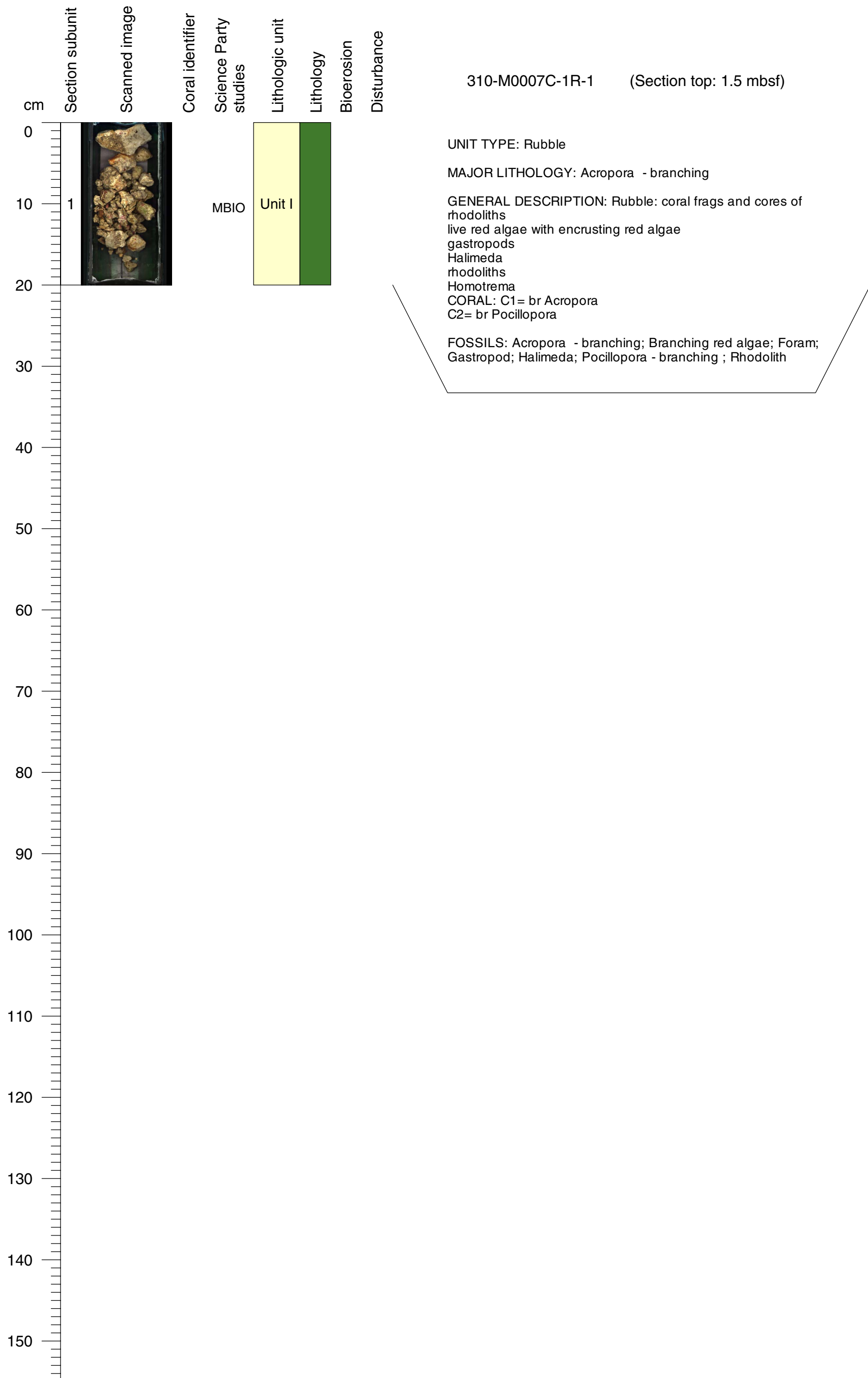
Core Photo



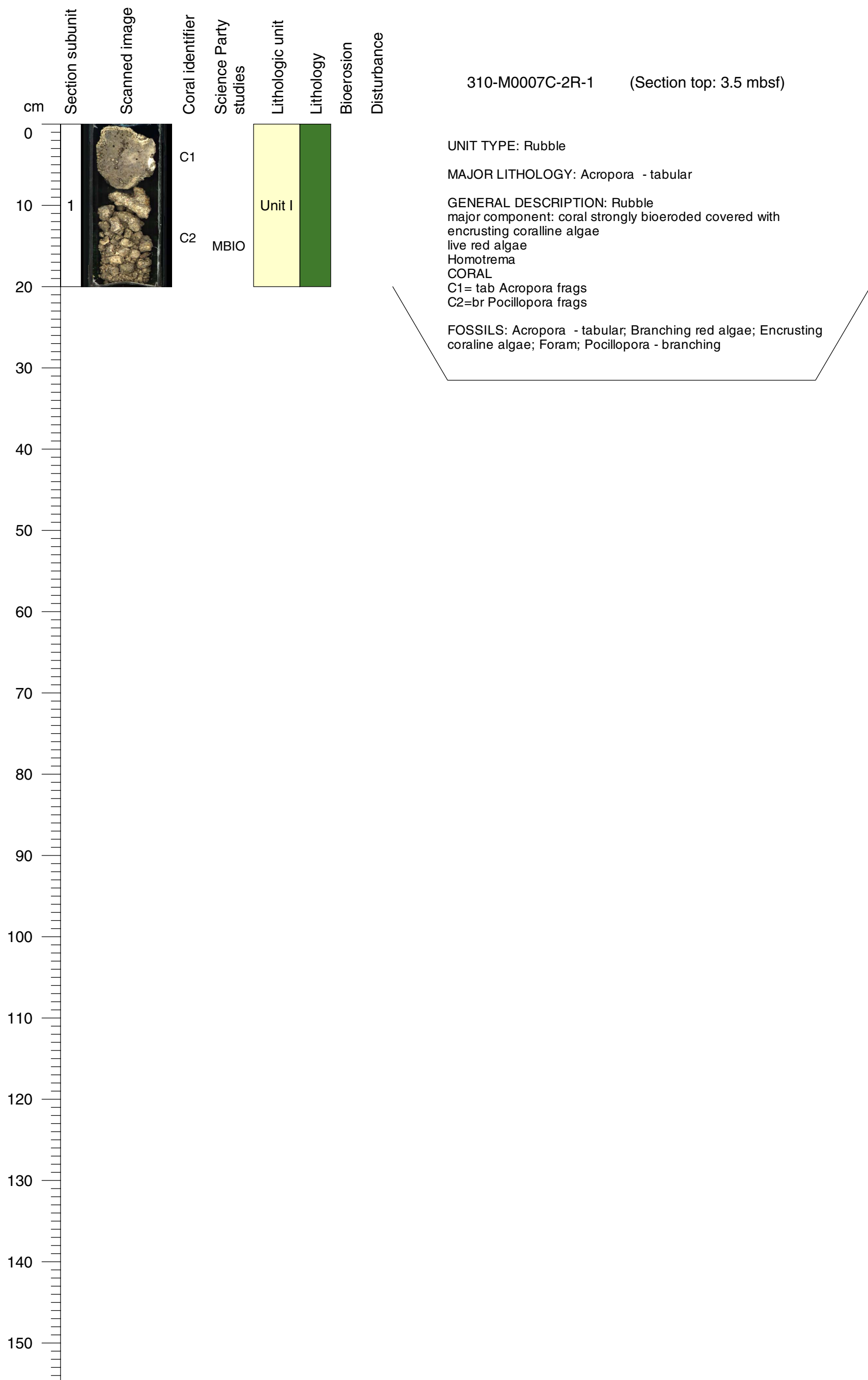
Core Photo



Core Photo

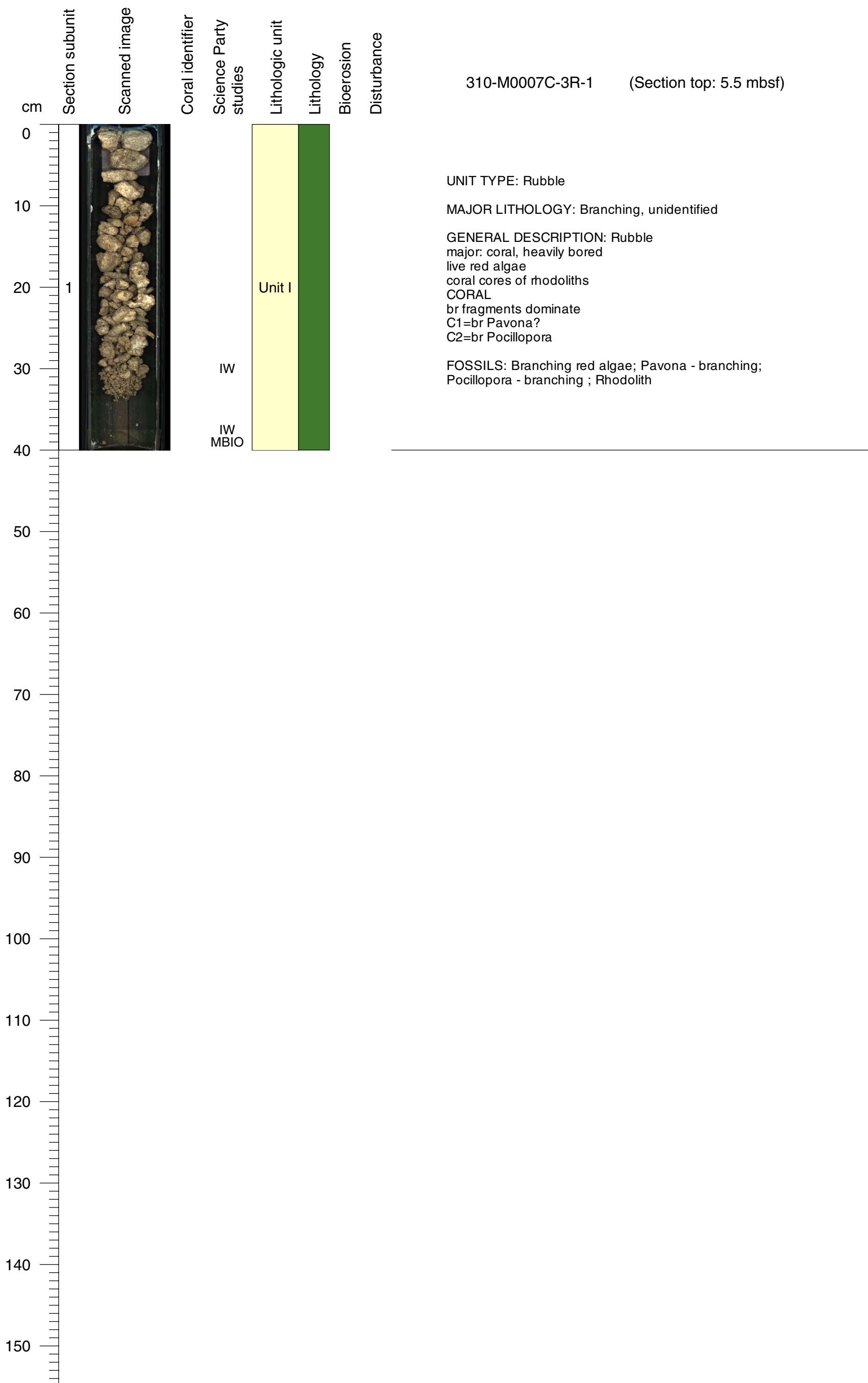


Core Photo

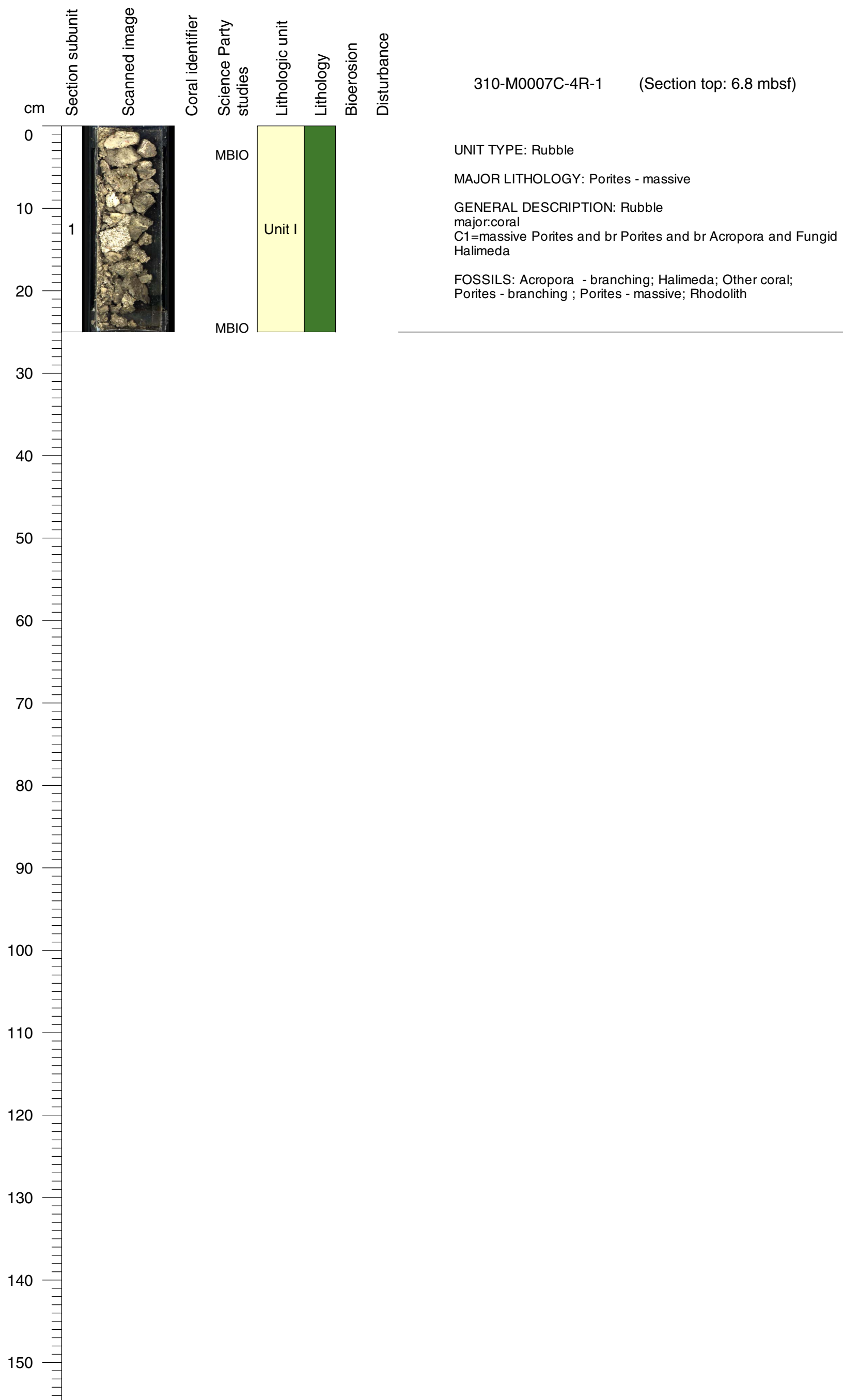


Core Photo

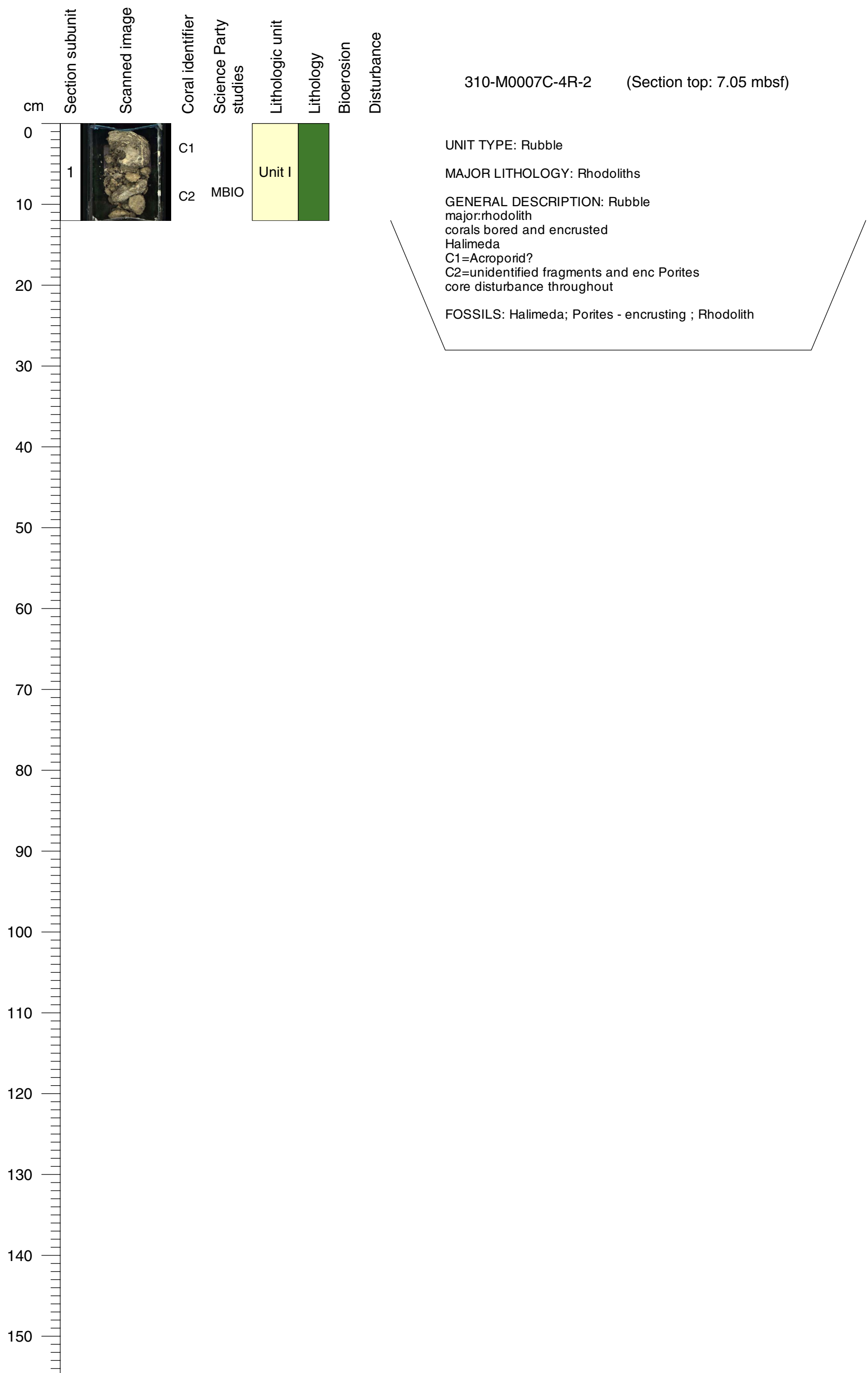
310-M0007C-3R-1 (Section top: 5.5 mbsf)



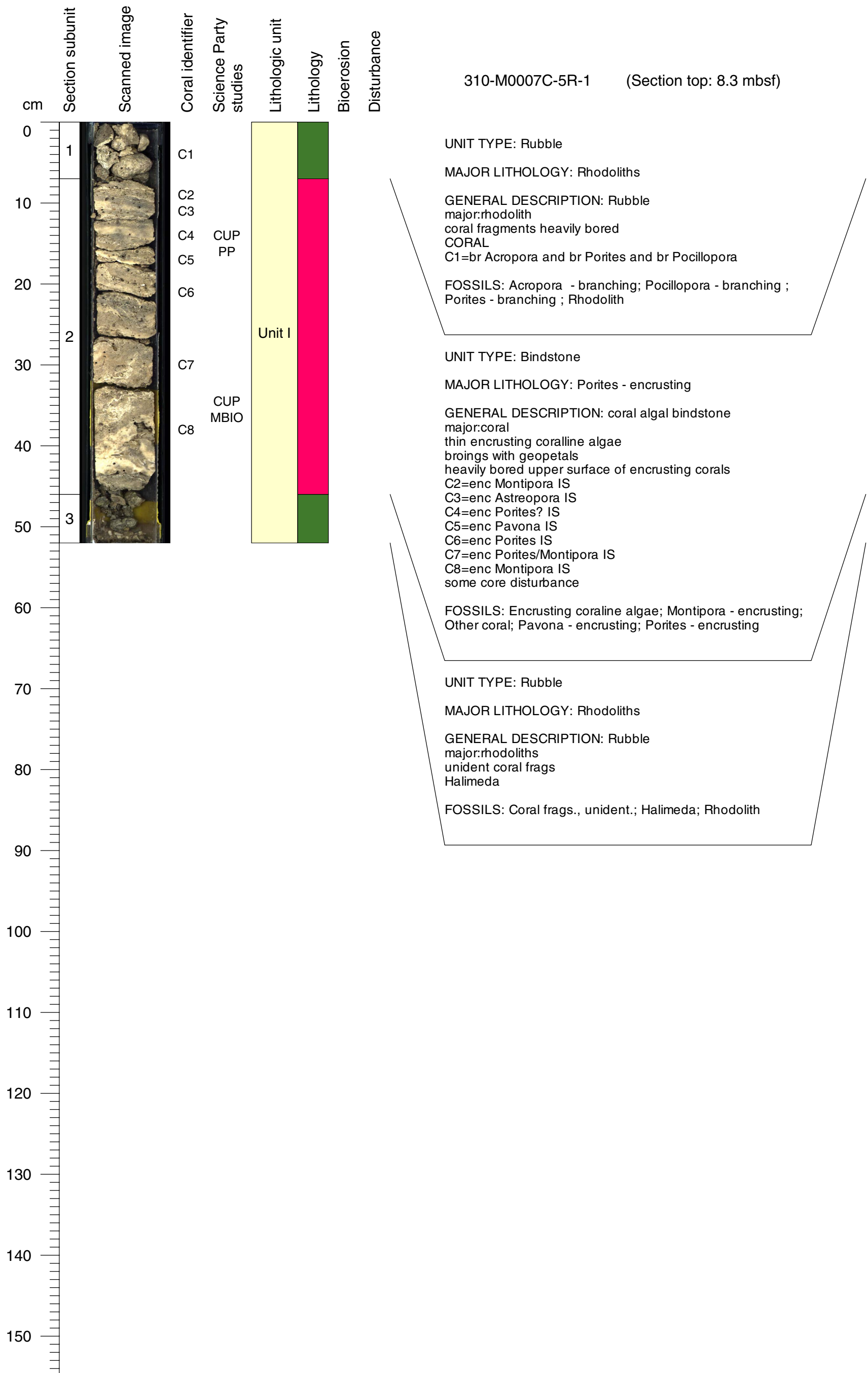
Core Photo



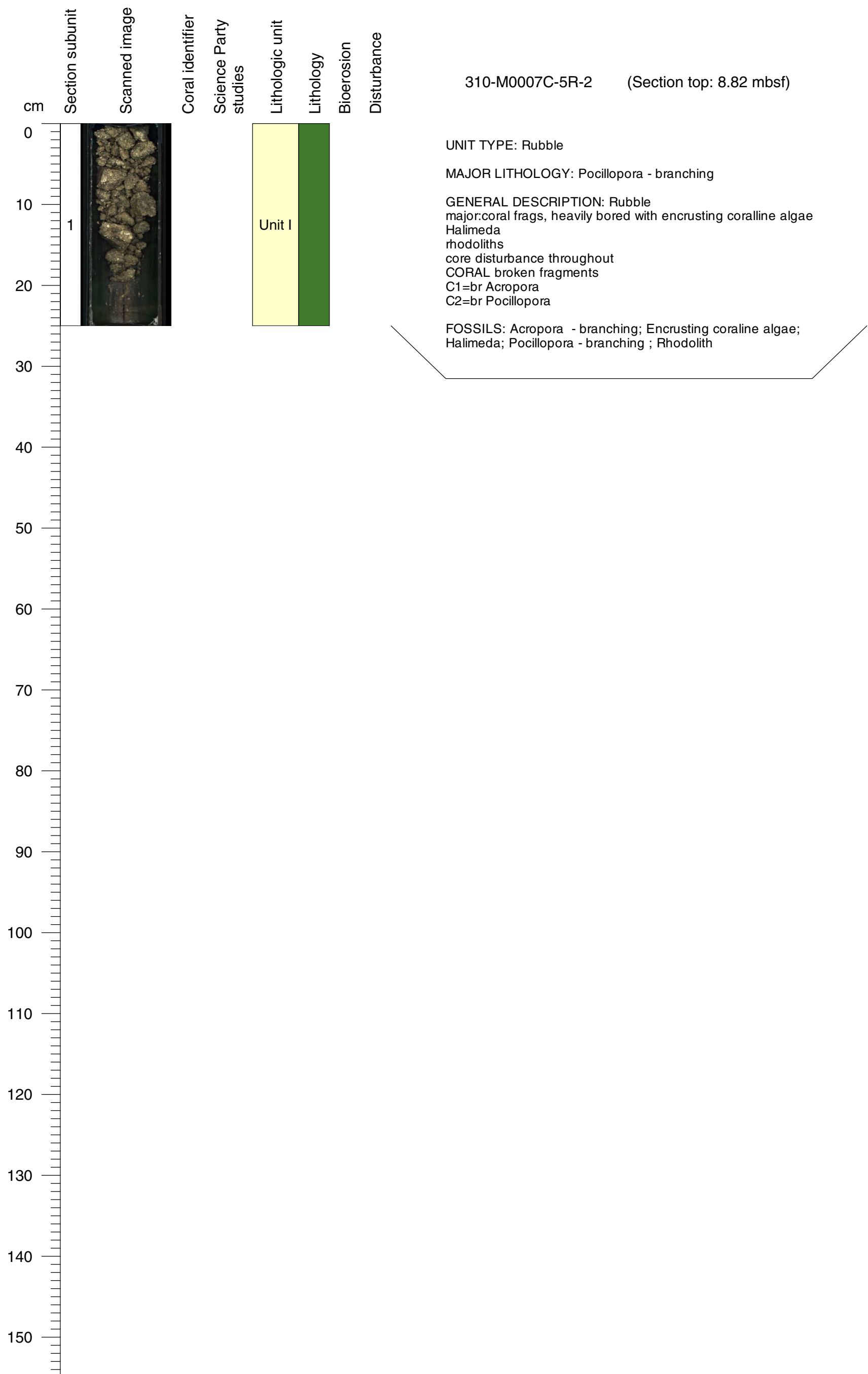
Core Photo



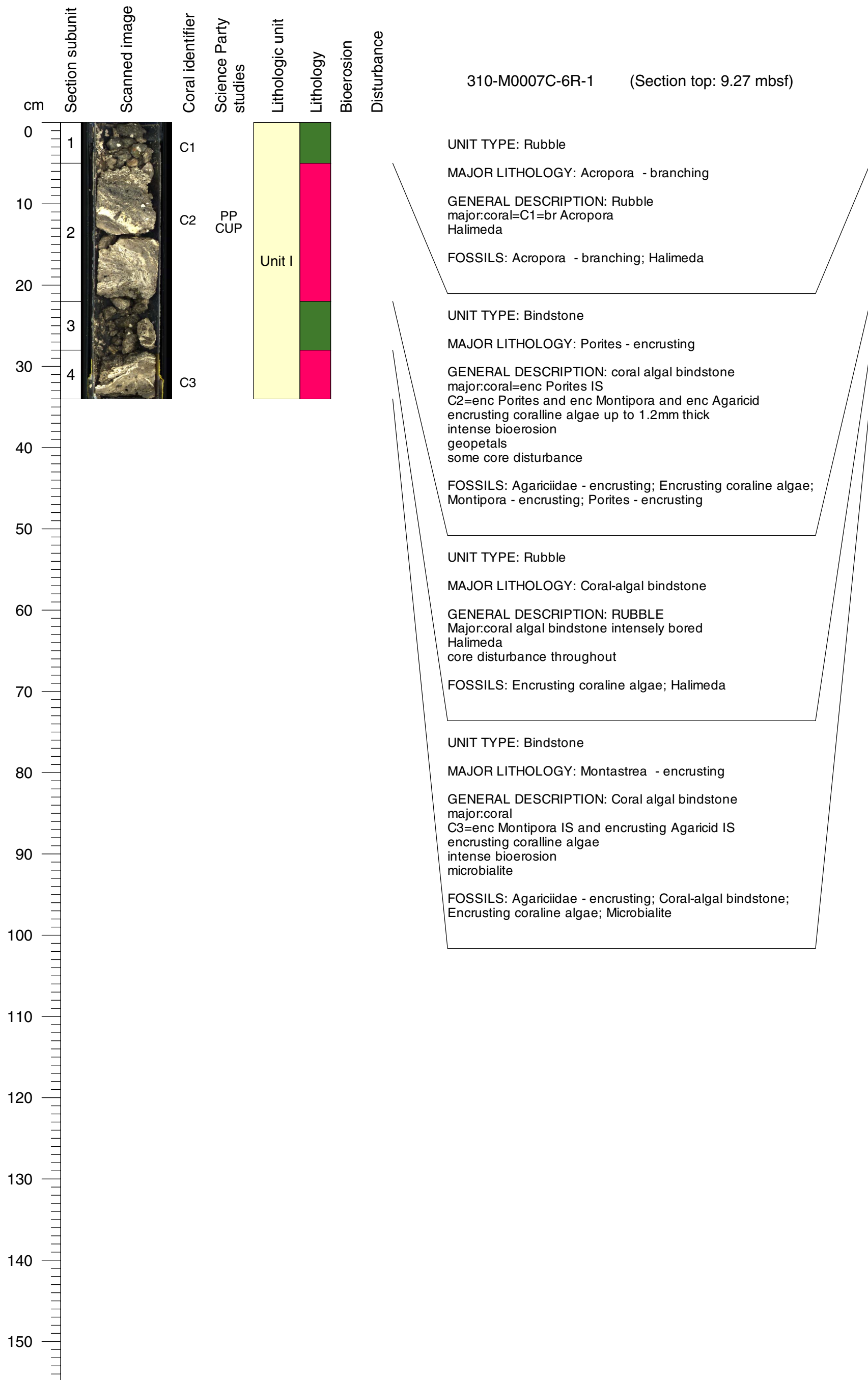
Core Photo



Core Photo

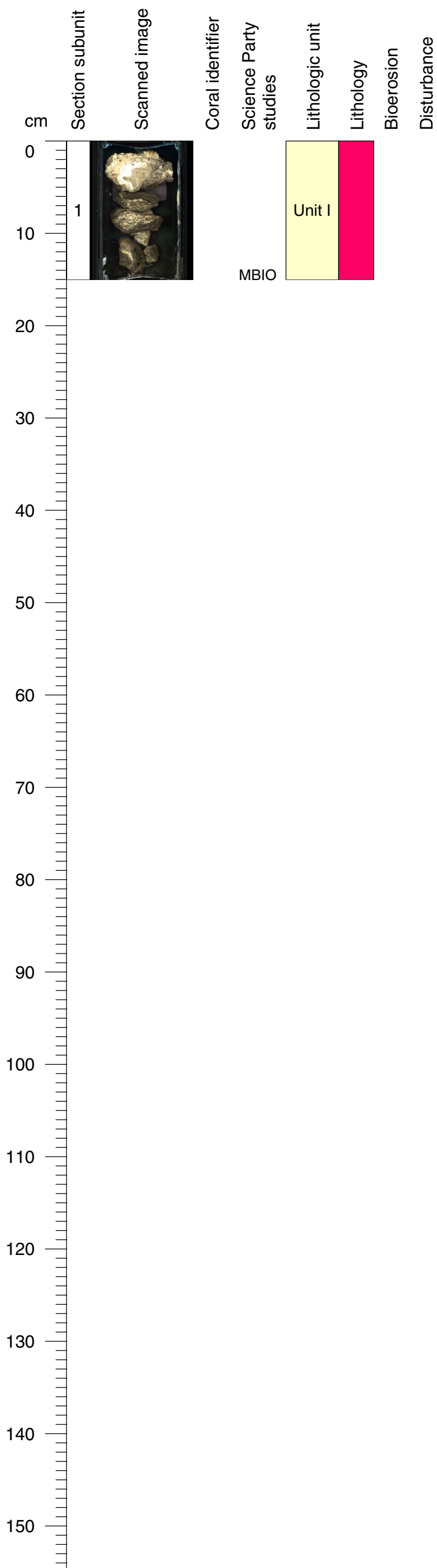


Core Photo



Core Photo

310-M0007C-6R-2 (Section top: 9.61 mbsf)



UNIT TYPE: Bindstone

MAJOR LITHOLOGY: Porites - encrusting

GENERAL DESCRIPTION: coral algal bindstone crushed
 Major:coral
 Encrusting coralline algae up to 0.8mm total thickness, 0.6 individual layer
 microbialite

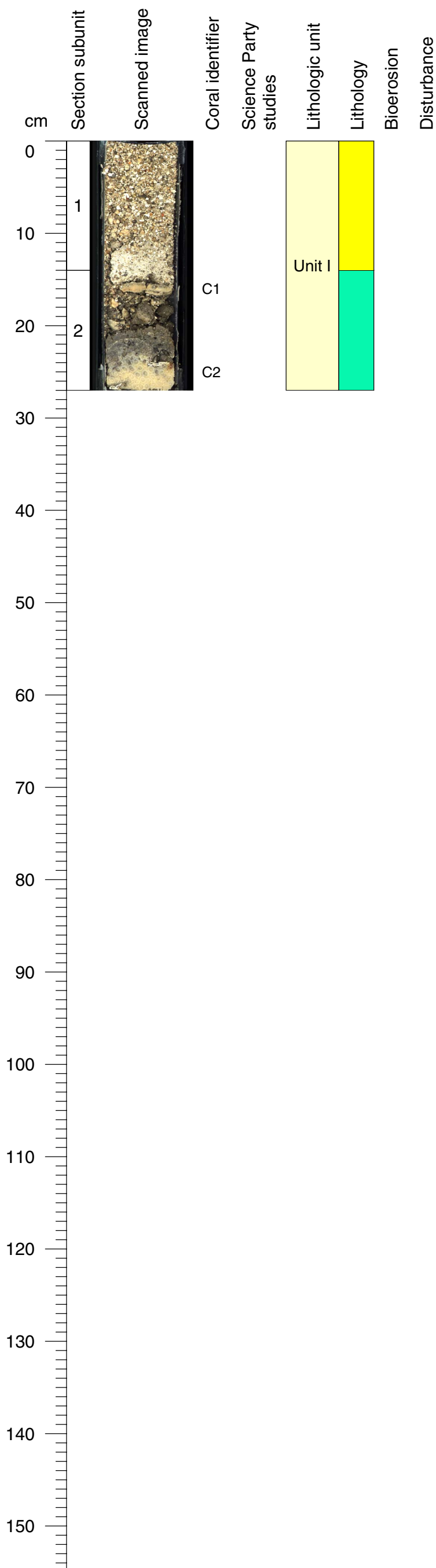
CORAL
 encrusting corals IS
 enc Agaricid?
 encr Porites (major)

FOSSILS: Agariciidae - encrusting; Coral-algal bindstone;
 Encrusting coralline algae; Microbialite



Core Photo

310-M0007C-7R-1 (Section top: 9.97 mbsf)



UNIT TYPE: Sand

MAJOR LITHOLOGY: Halimeda

GENERAL DESCRIPTION: Sand (bioclastic)
 major:HAL
 bioclasts
 bivalves
 core disturbance

FOSSILS: Bivalve; Halimeda; Sand

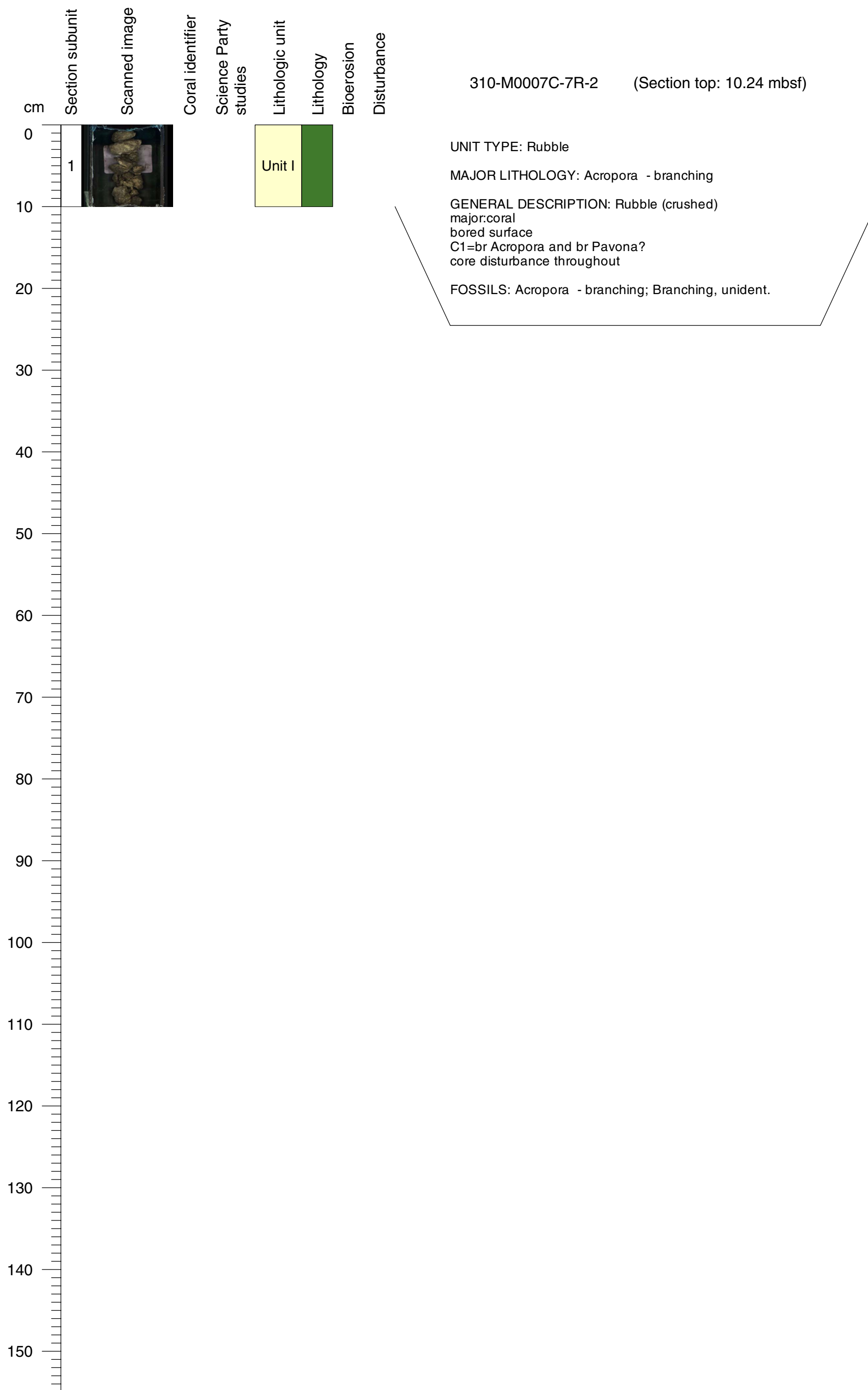
UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Encrusting, unidentified

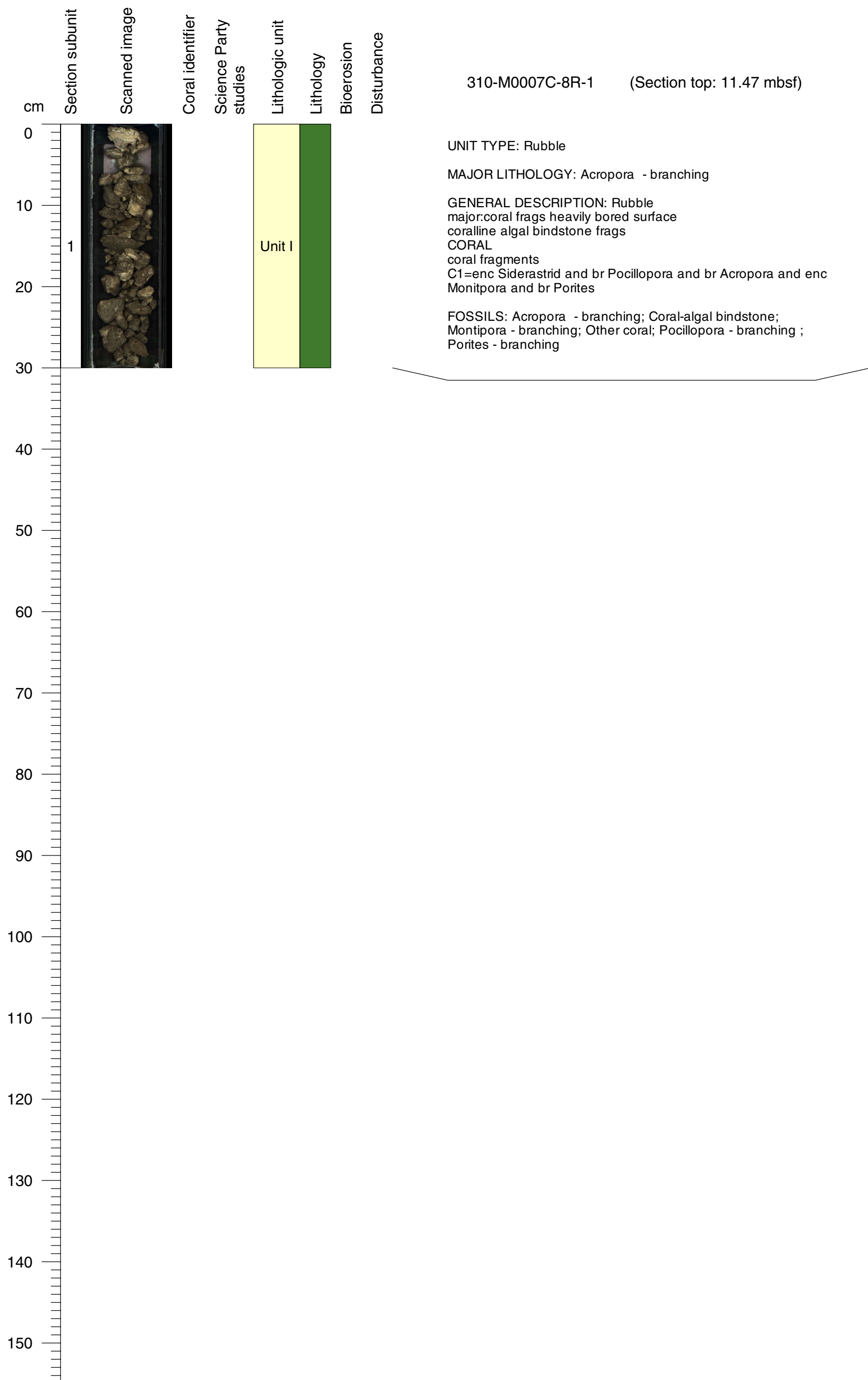
GENERAL DESCRIPTION: coral framework (upper part crushed)
 major:coral
 thin encrusting coralline algae
 microbialite
 upper part of coral heavily bored
 C1=FOL Agaricid? IS
 C2=enc Favid (Montastrea?) IS

FOSSILS: Encrusting coralline algae; Faviidae - encrusting ;
 Folioseous, unident.; Microbialite

Core Photo

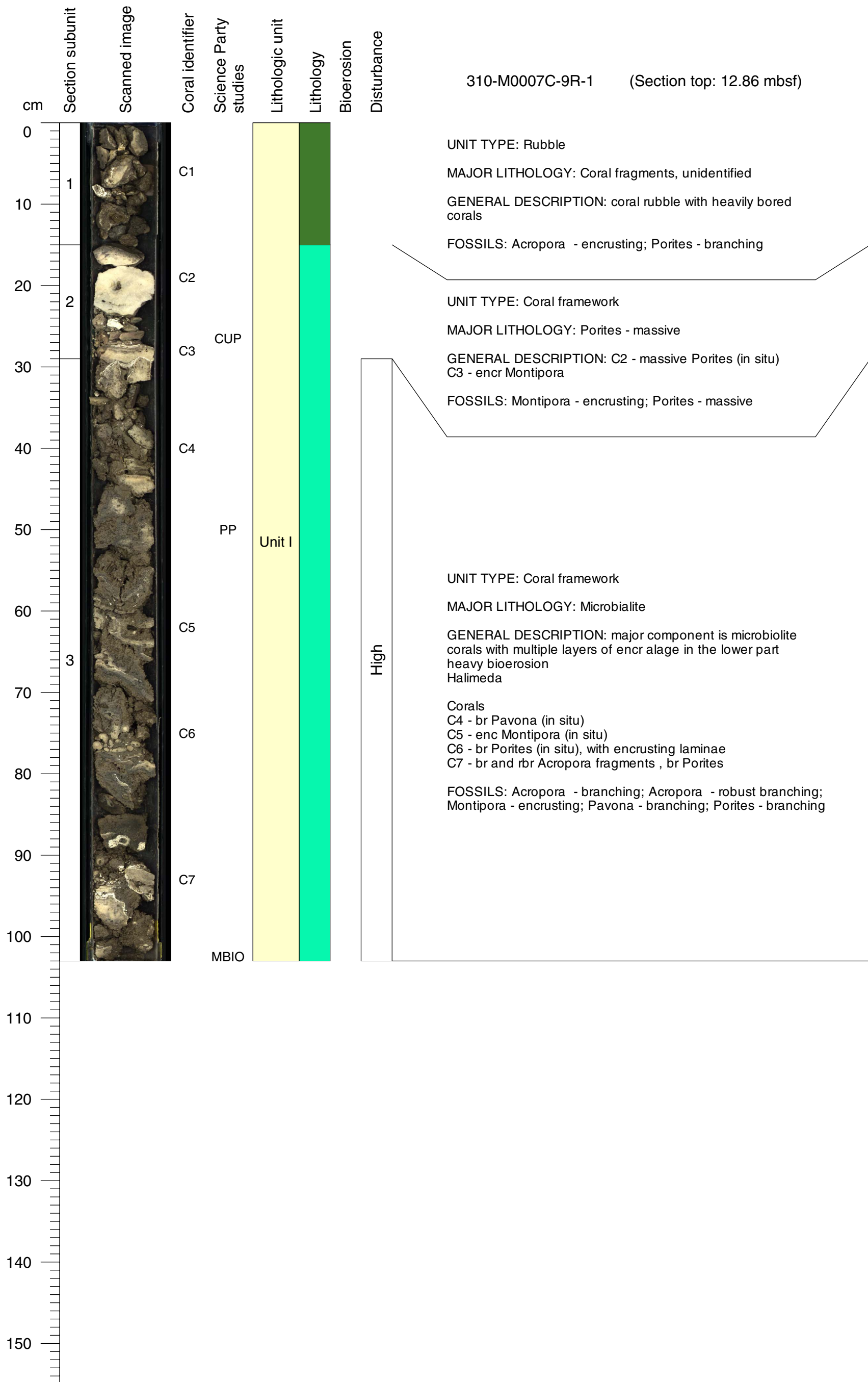


Core Photo

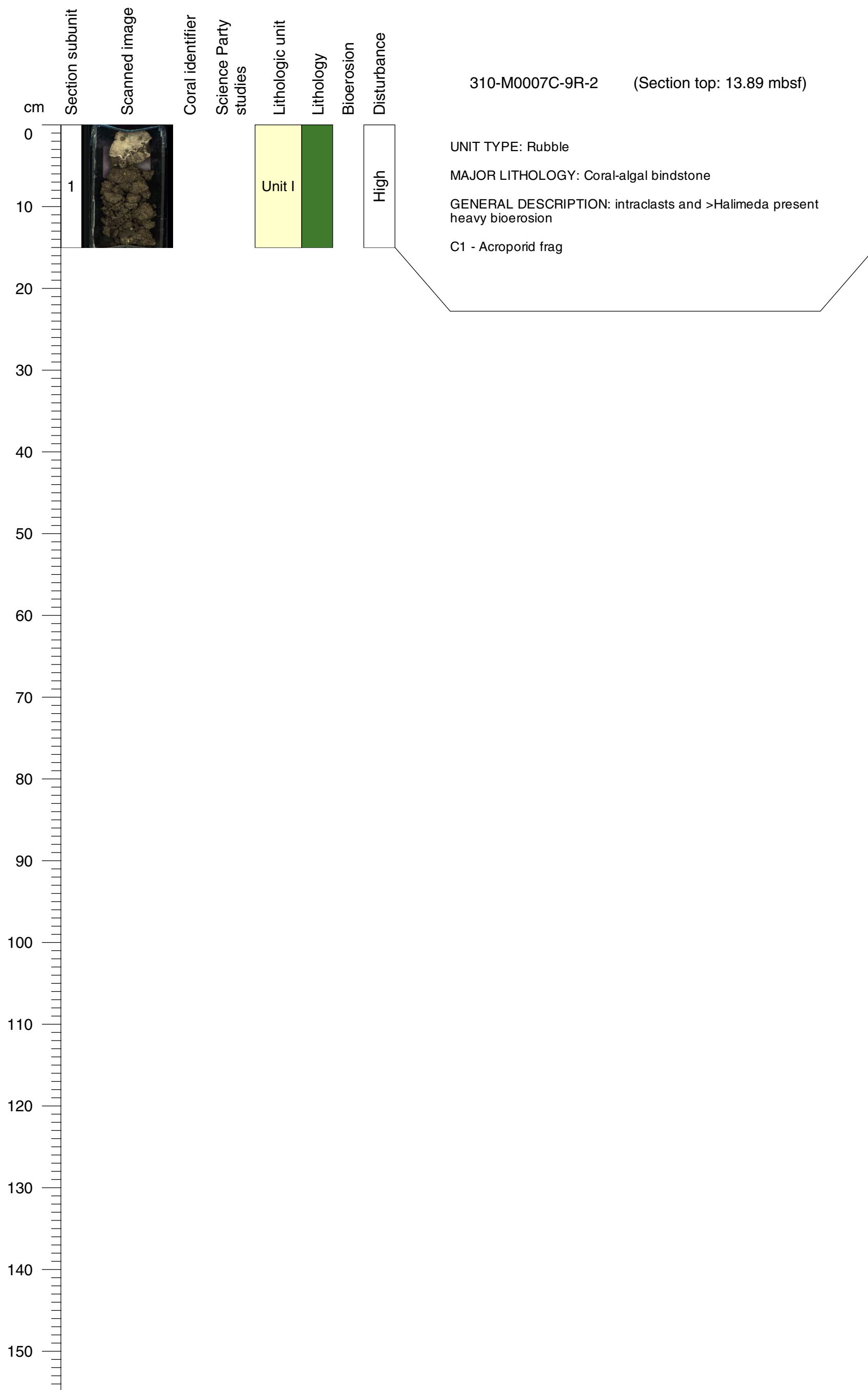


Core Photo

310-M0007C-9R-1 (Section top: 12.86 mbsf)

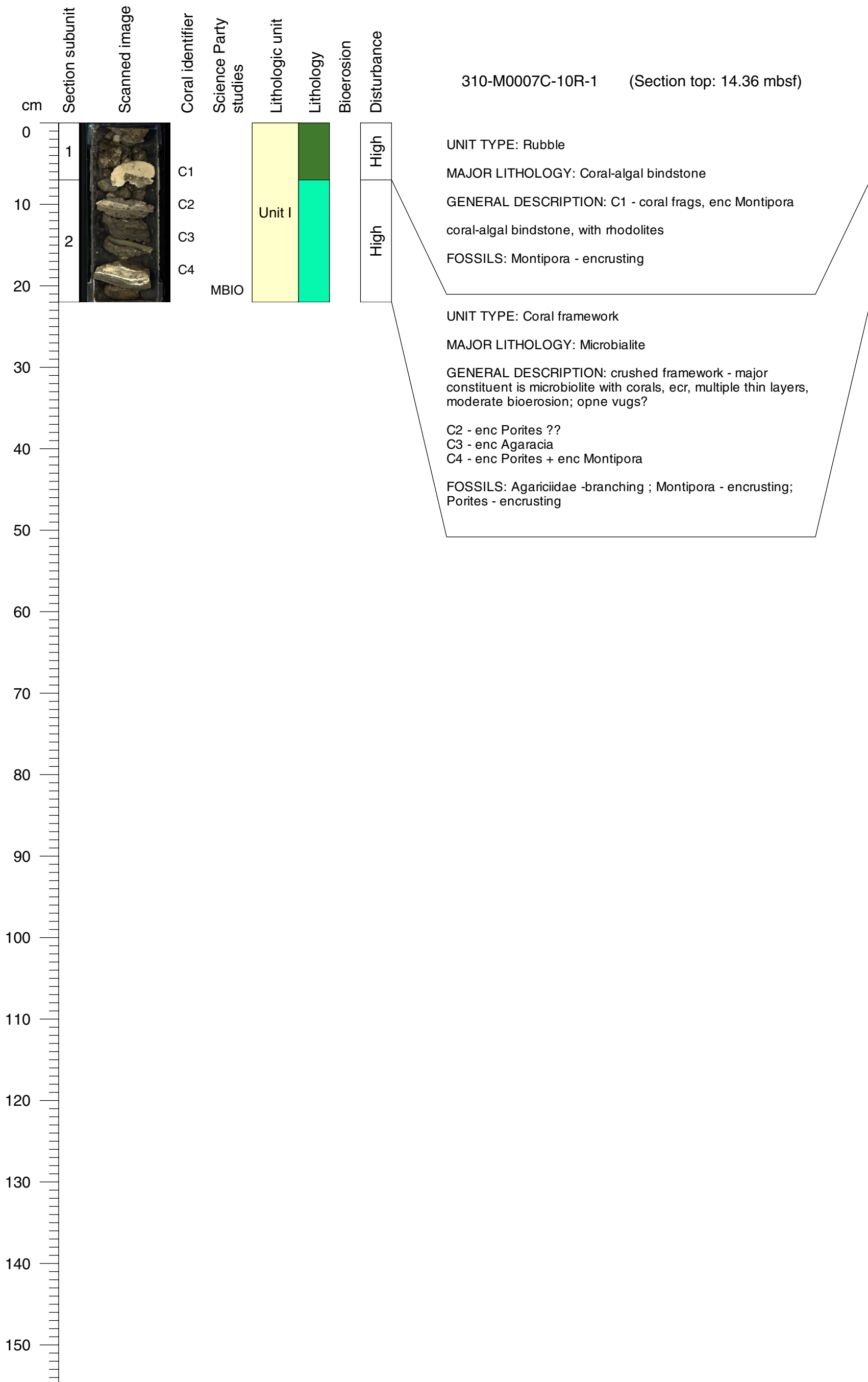


Core Photo

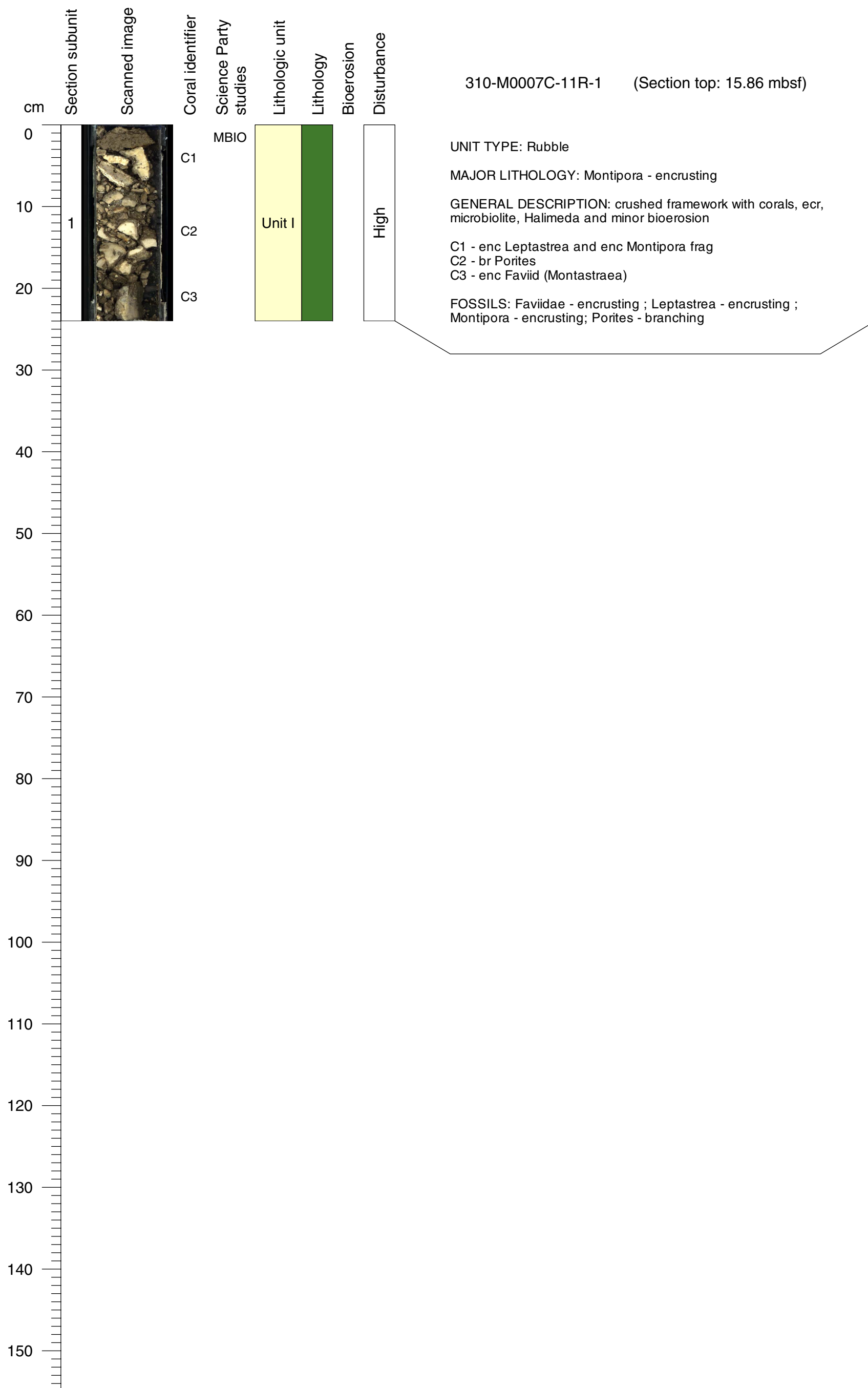


Core Photo

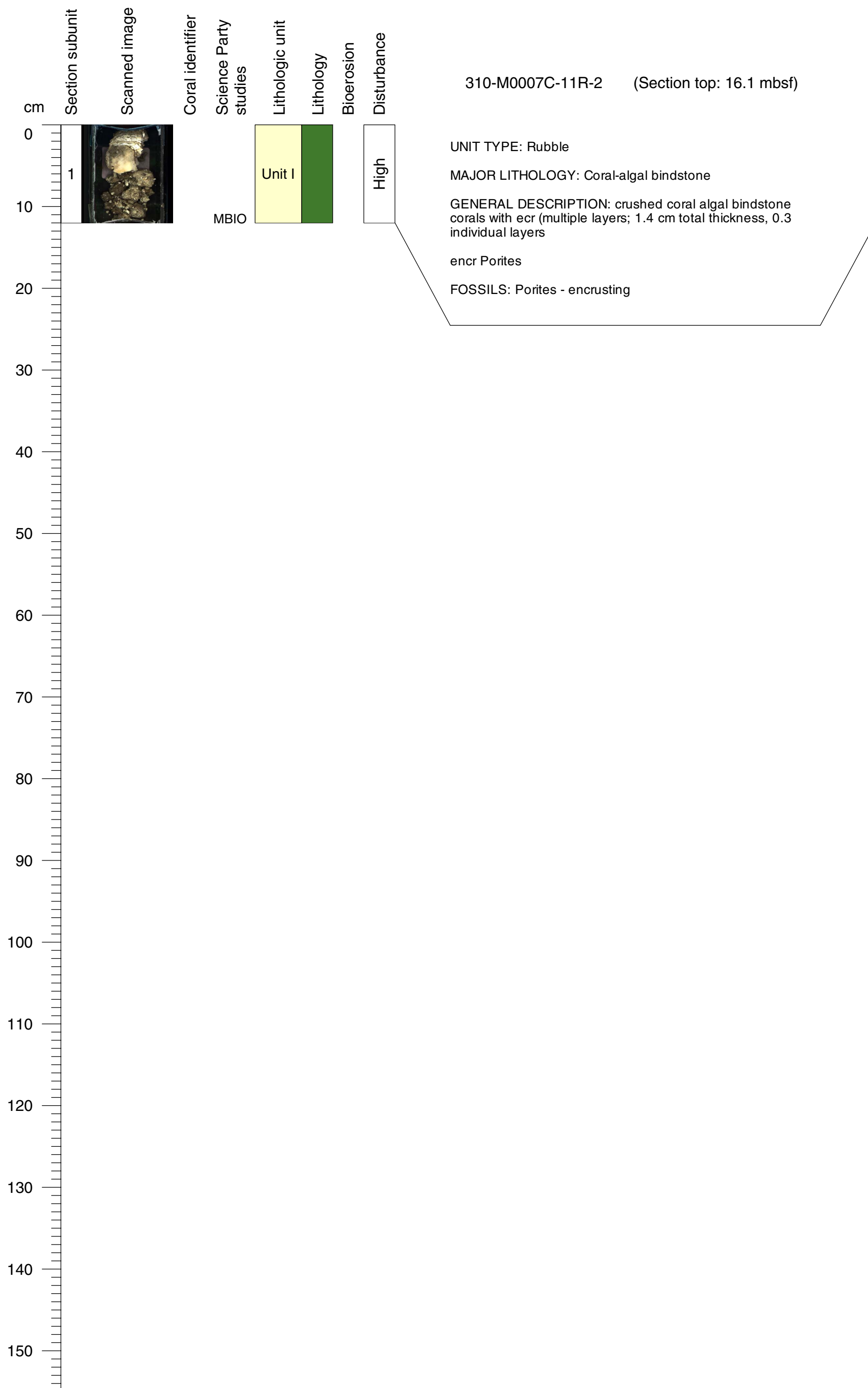
310-M0007C-10R-1 (Section top: 14.36 mbsf)



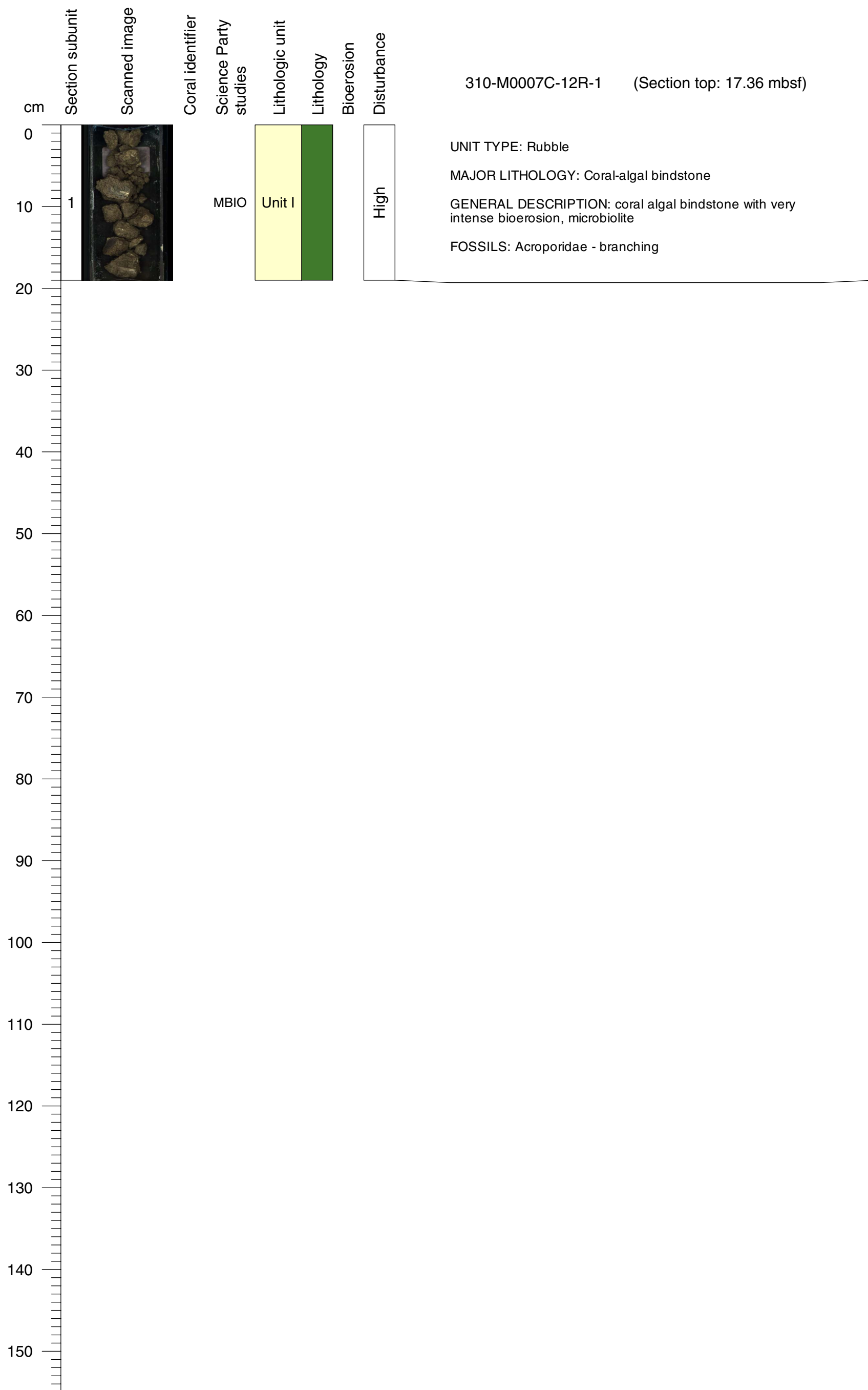
Core Photo



Core Photo

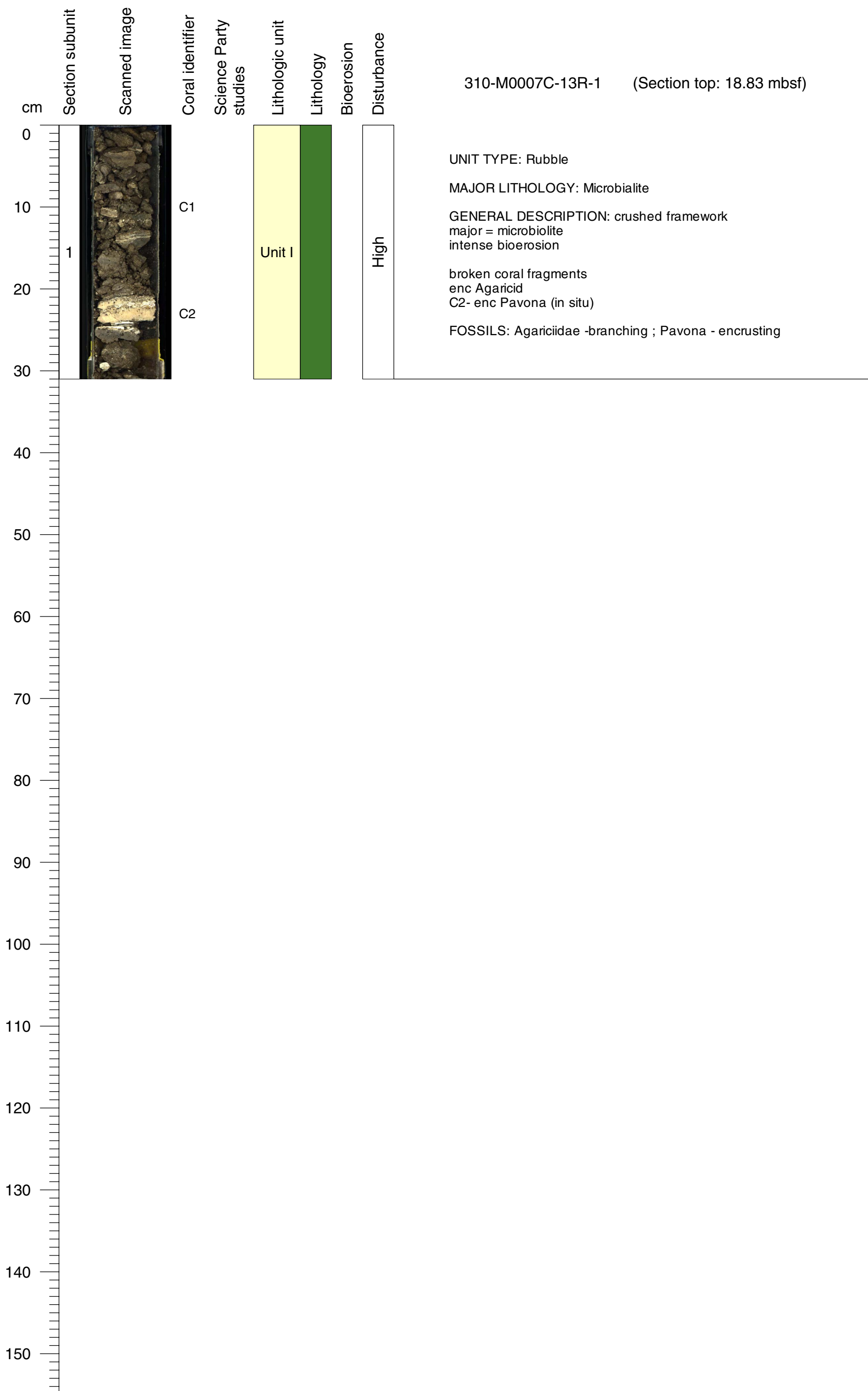


Core Photo

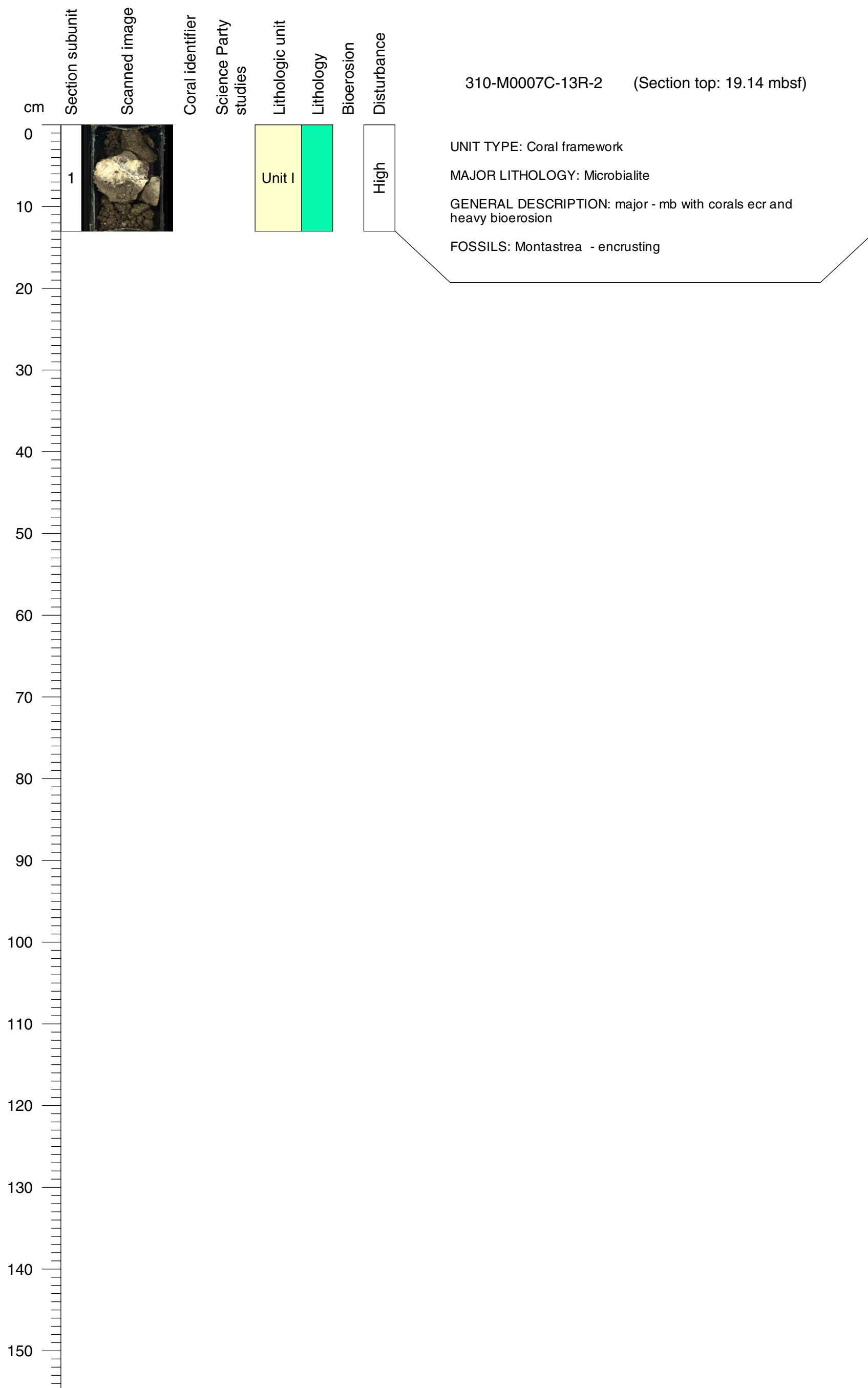


Core Photo

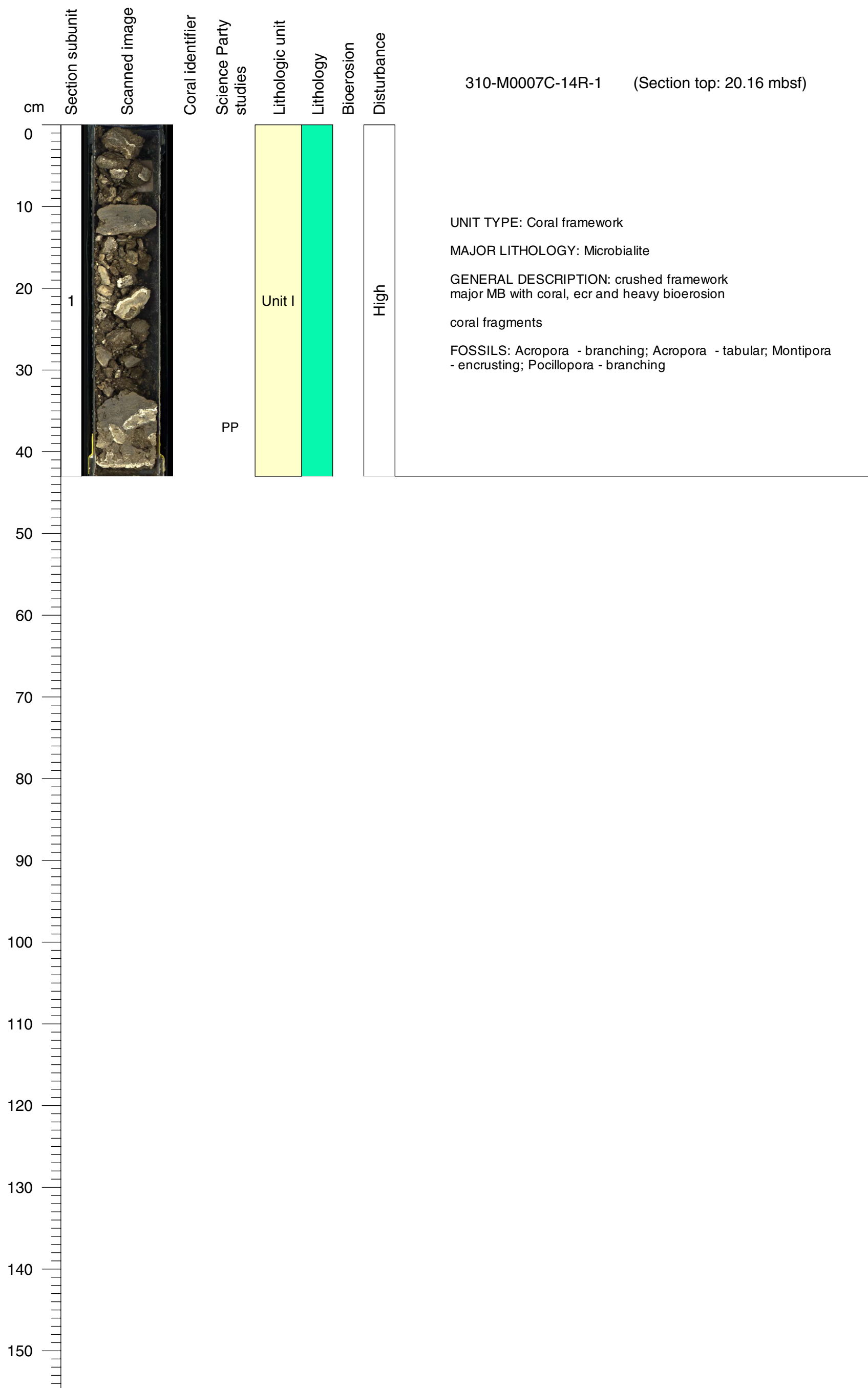
310-M0007C-13R-1 (Section top: 18.83 mbsf)



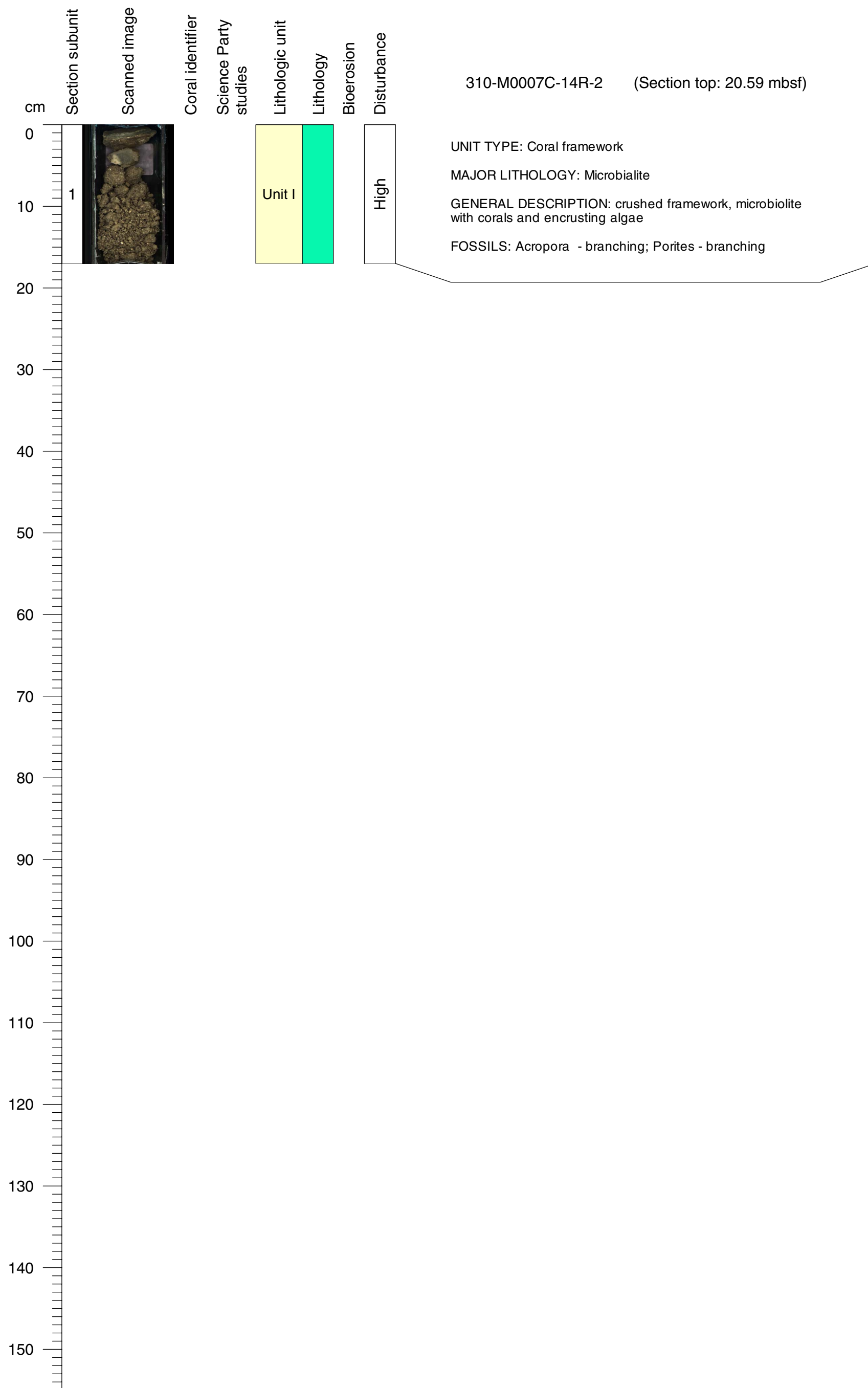
Core Photo



Core Photo

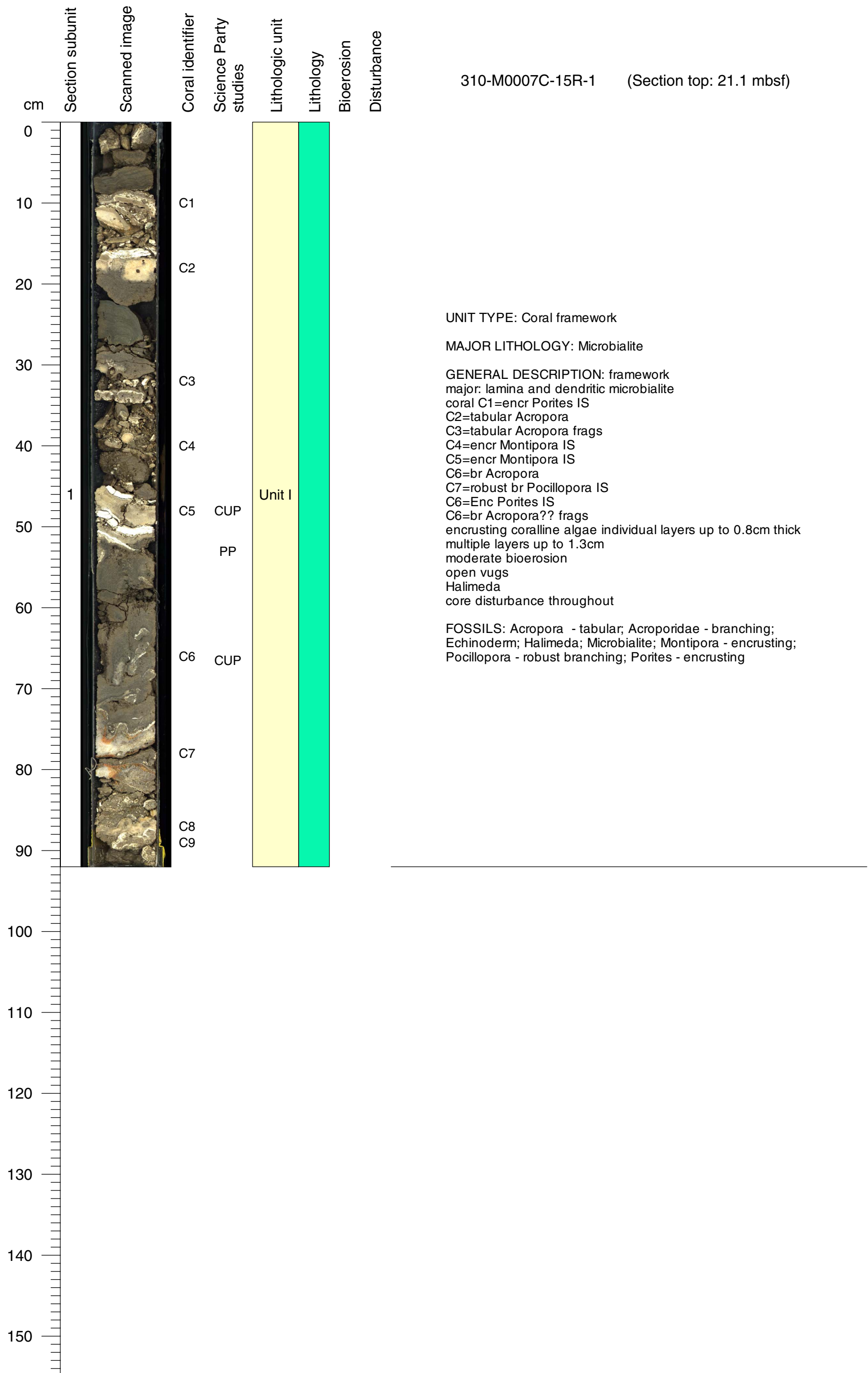


Core Photo

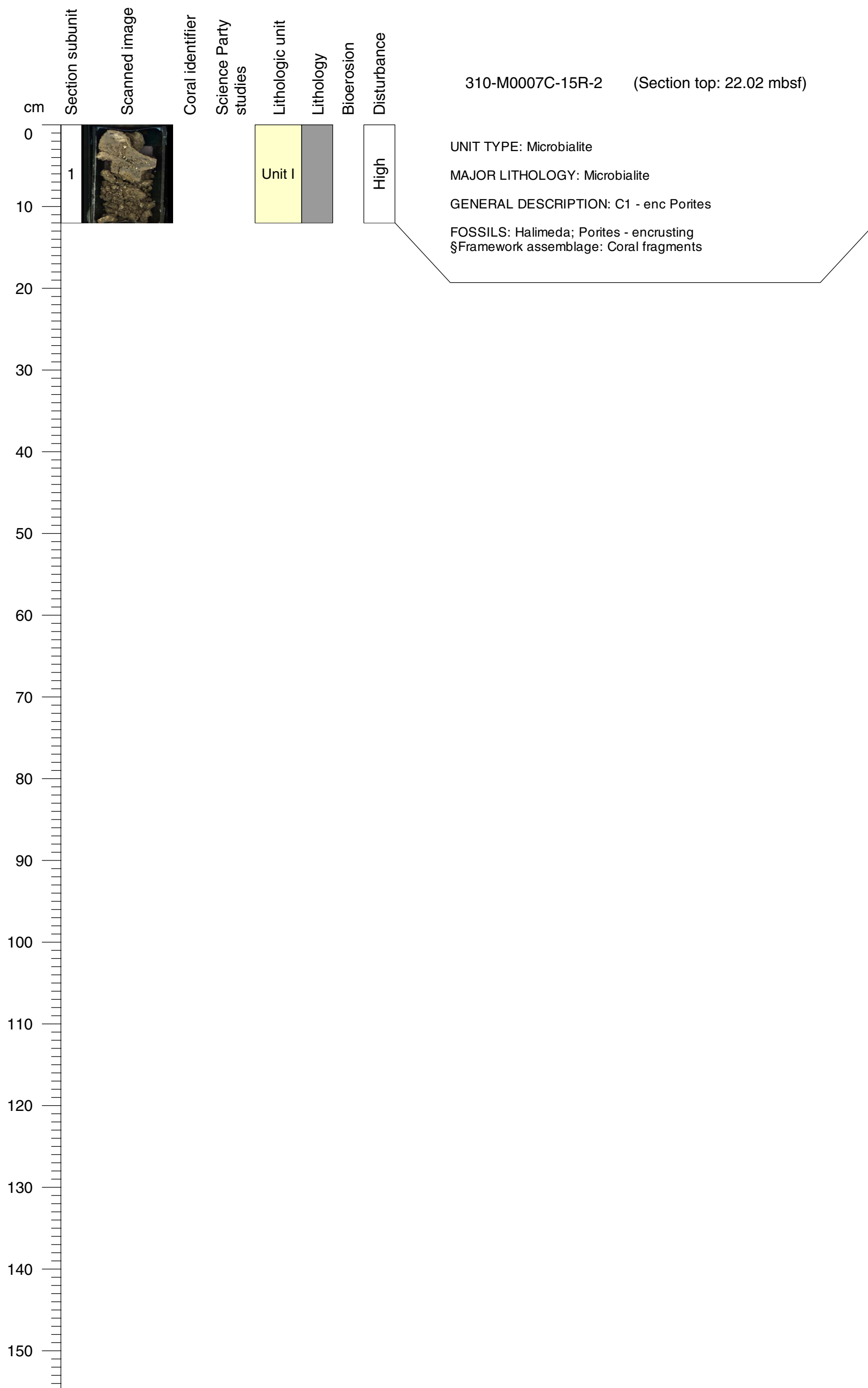


Core Photo

310-M0007C-15R-1 (Section top: 21.1 mbsf)

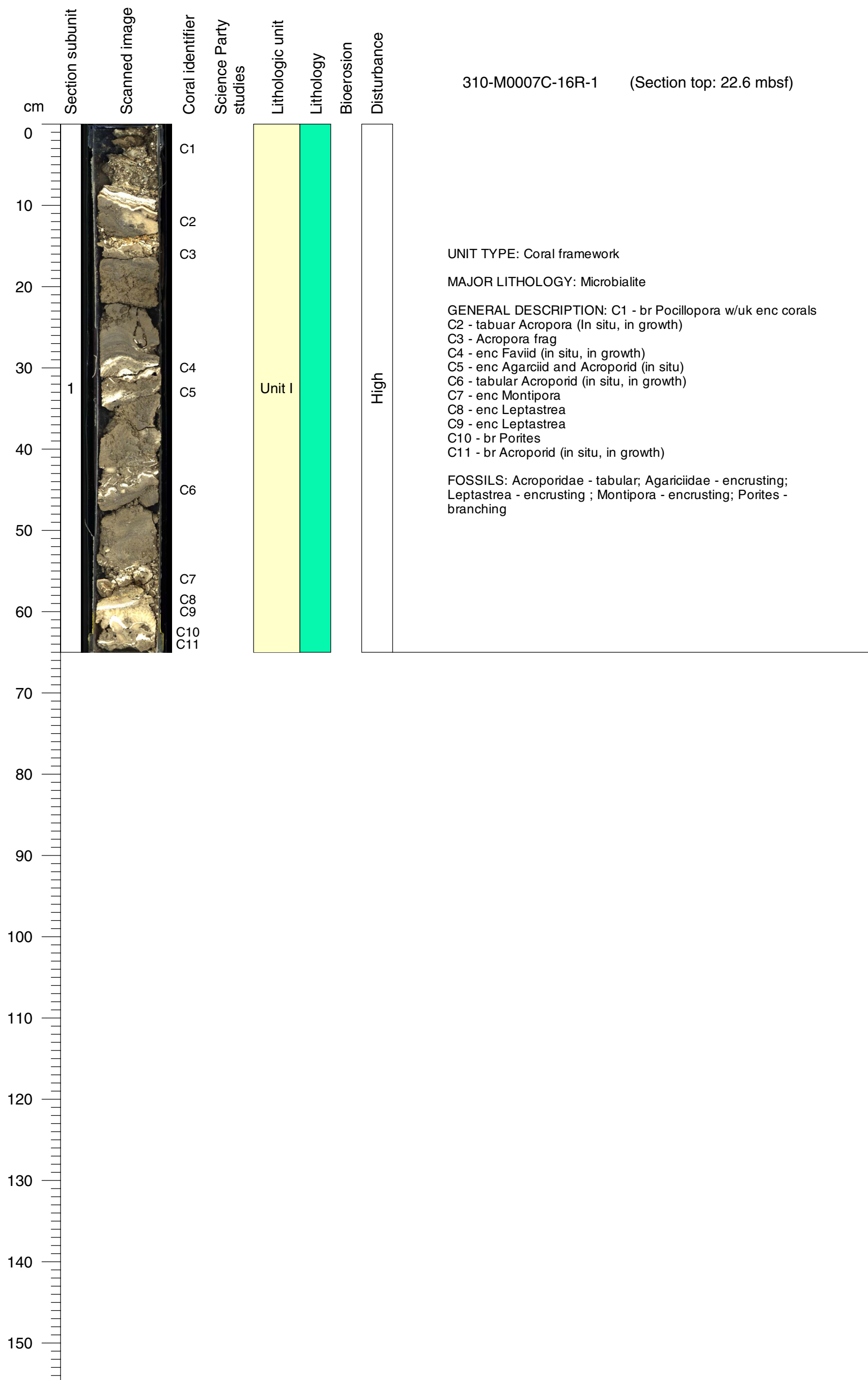


Core Photo

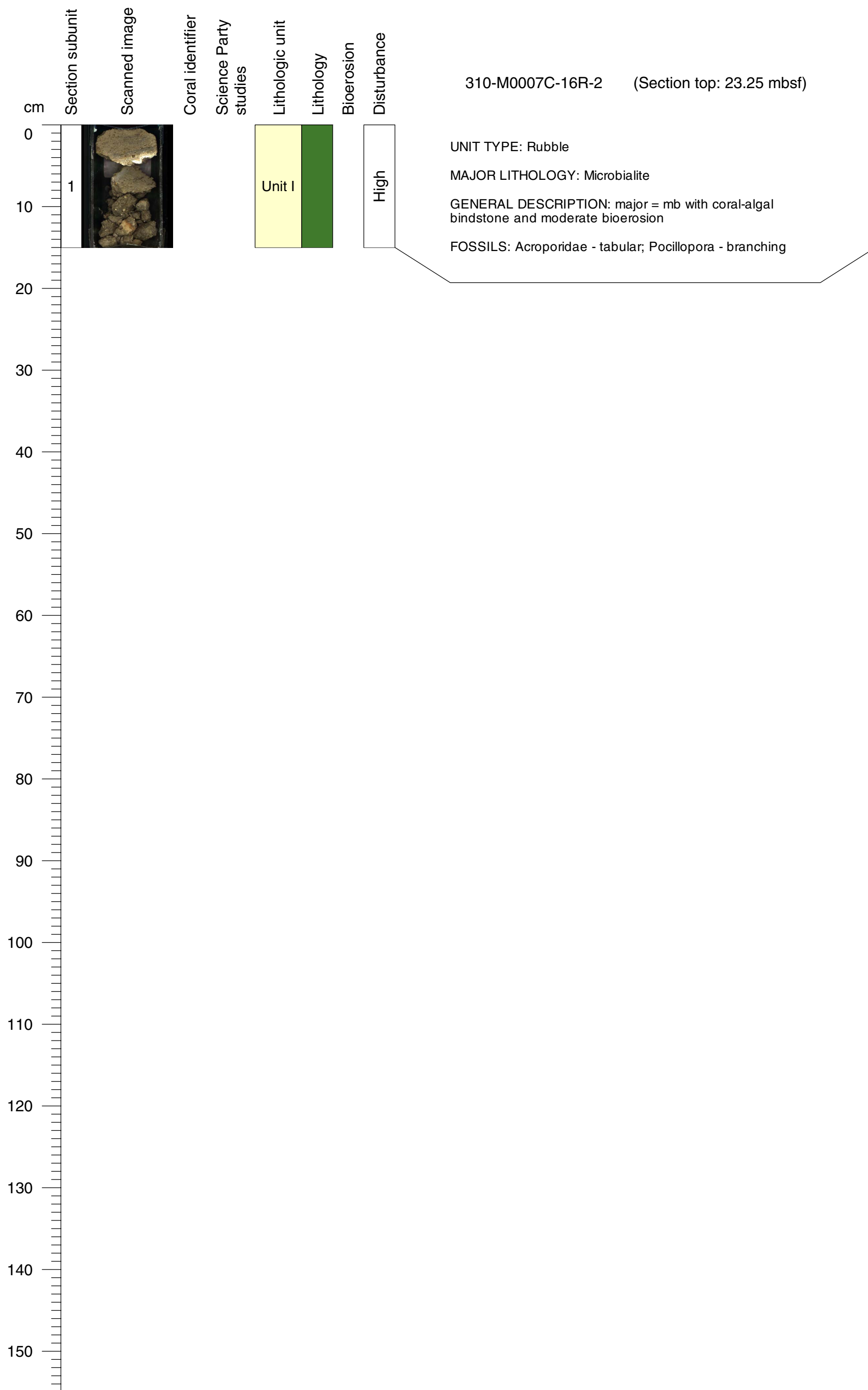


Core Photo

310-M0007C-16R-1 (Section top: 22.6 mbsf)

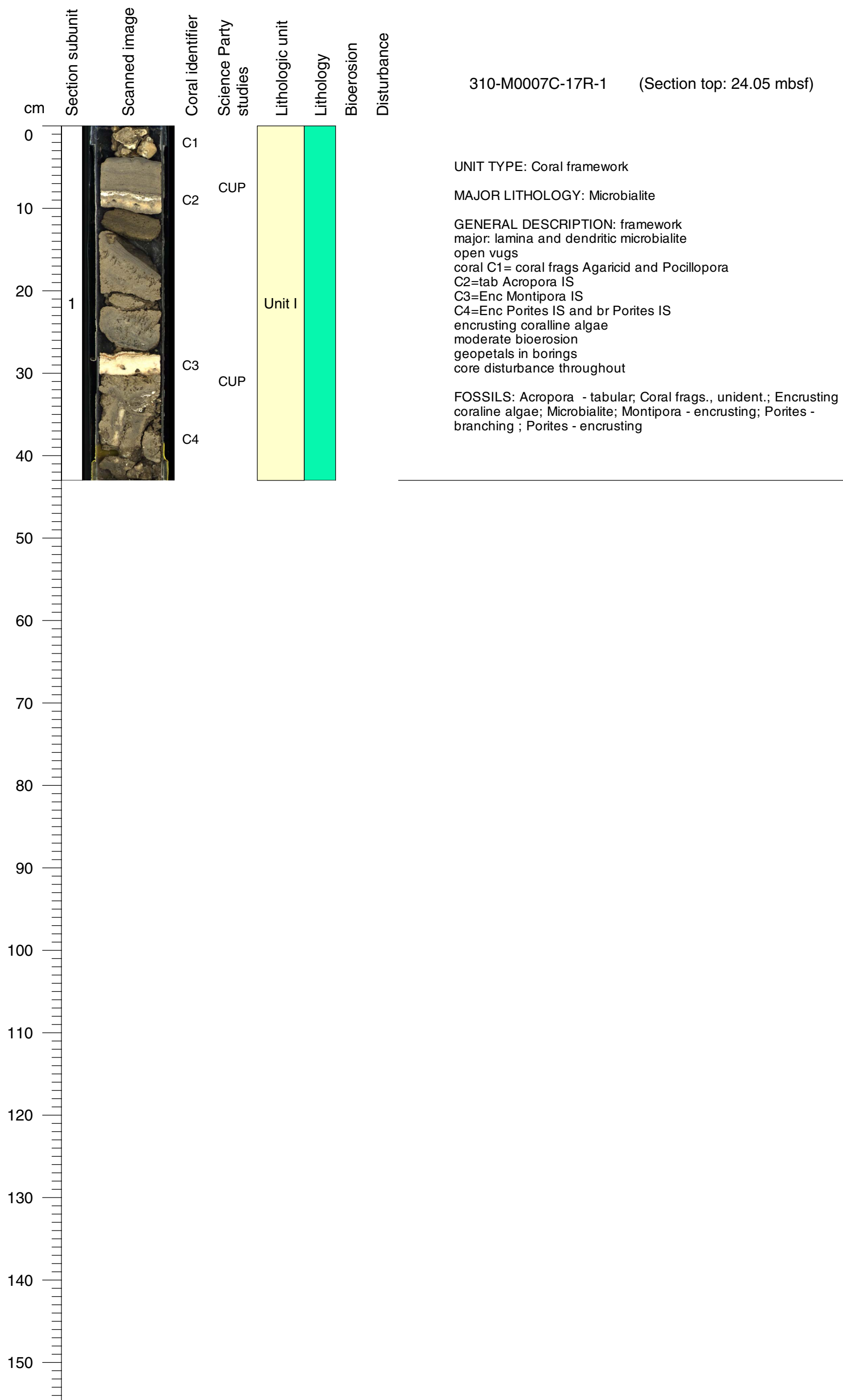


Core Photo

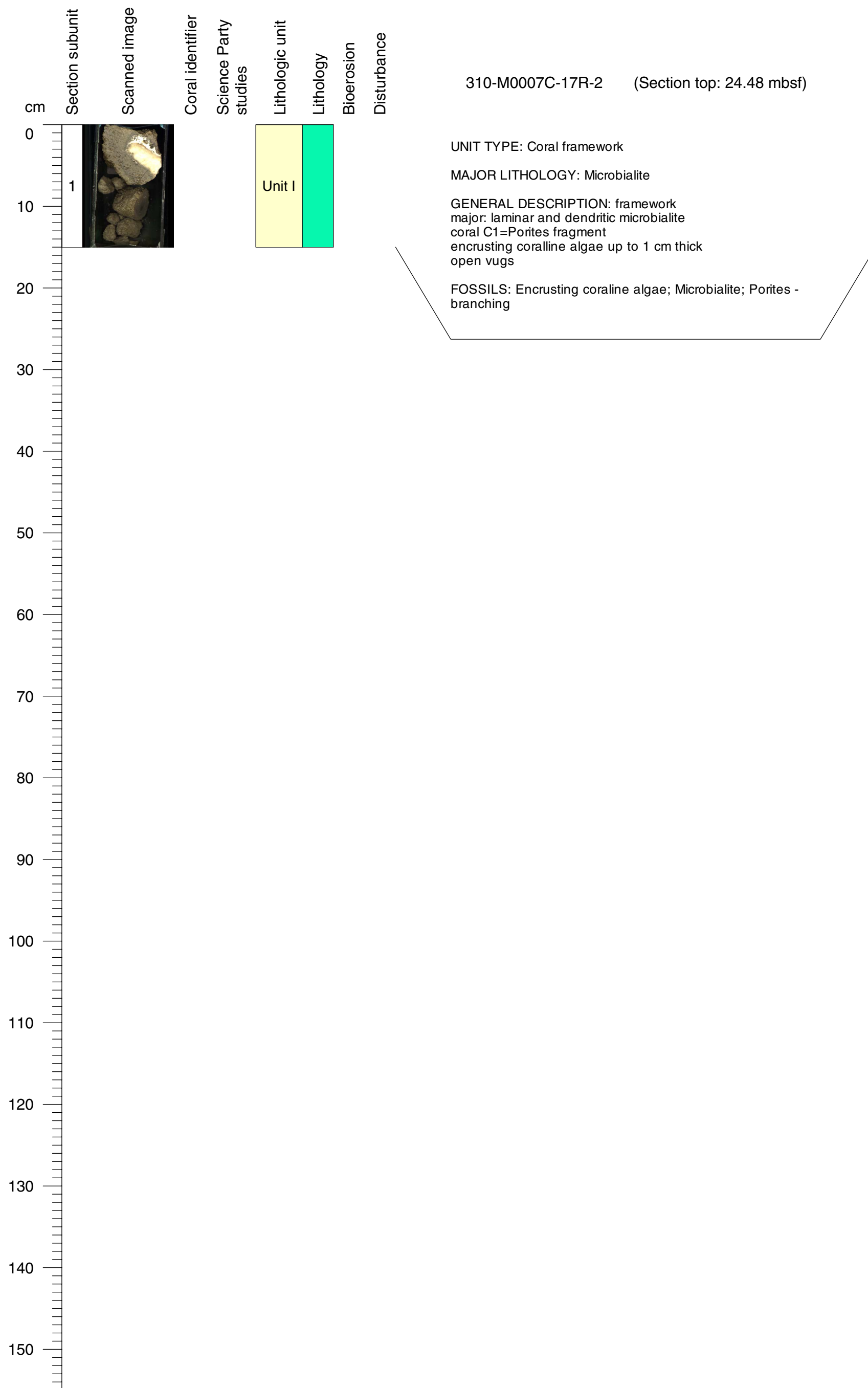


Core Photo

310-M0007C-17R-1 (Section top: 24.05 mbsf)

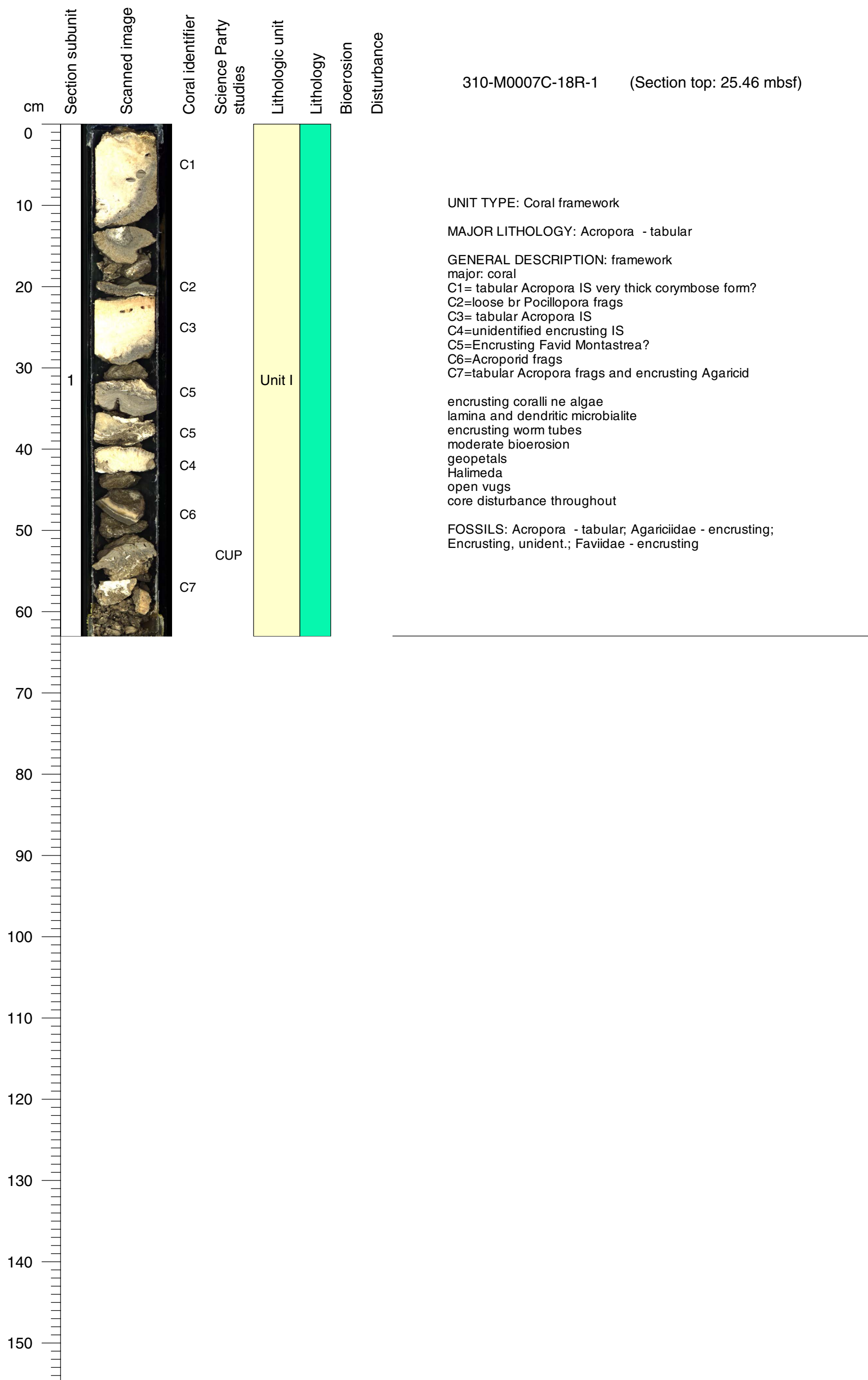


Core Photo



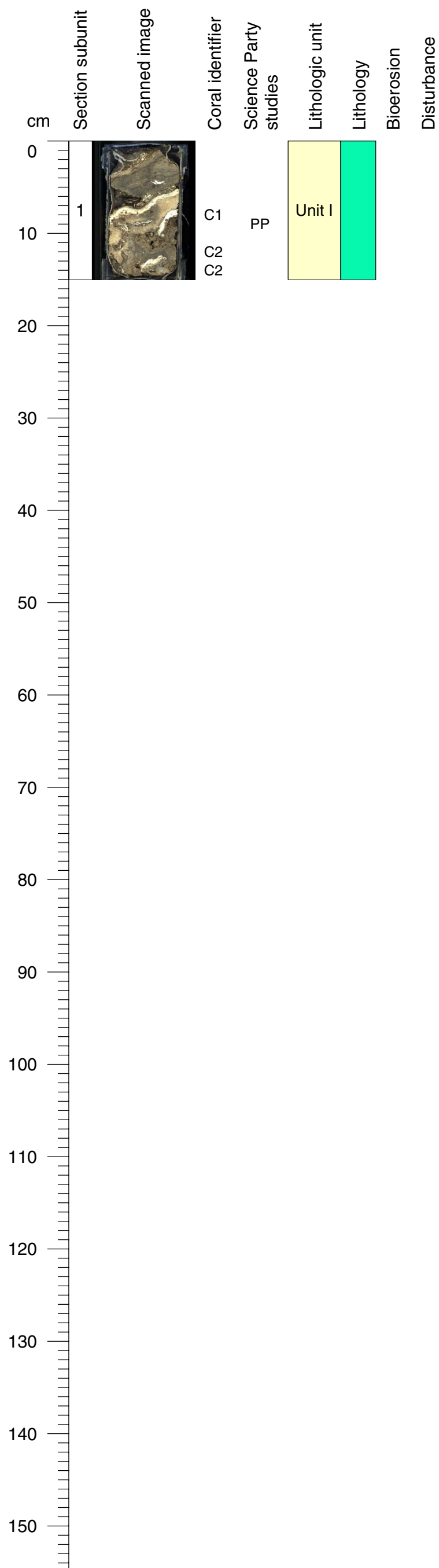
Core Photo

310-M0007C-18R-1 (Section top: 25.46 mbsf)



Core Photo

310-M0007C-18R-2 (Section top: 26.09 mbsf)



UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: framework

major: lamina? microbialite

open vugs

corals C1=enc Montipora IS

C2=br Acropora and br Pocillopora frags

successive layers of encrusting coralline algae 6mm

moderate bioerosion

Halimeda in vugs

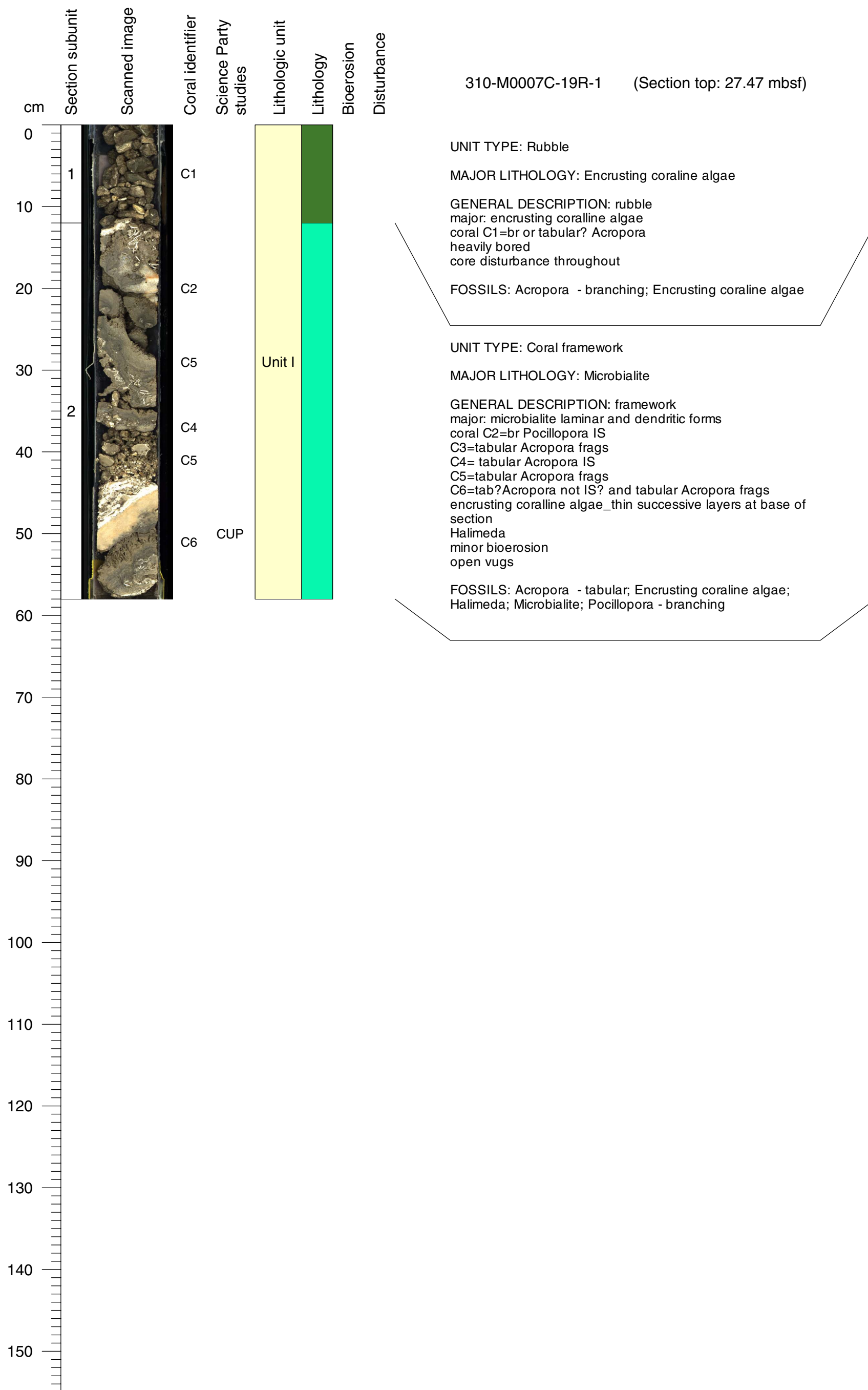
FOSSILS: Acropora - branching; Encrusting coralline algae;

Halimeda; Microbialite; Montipora - encrusting; Pocillopora -

branching

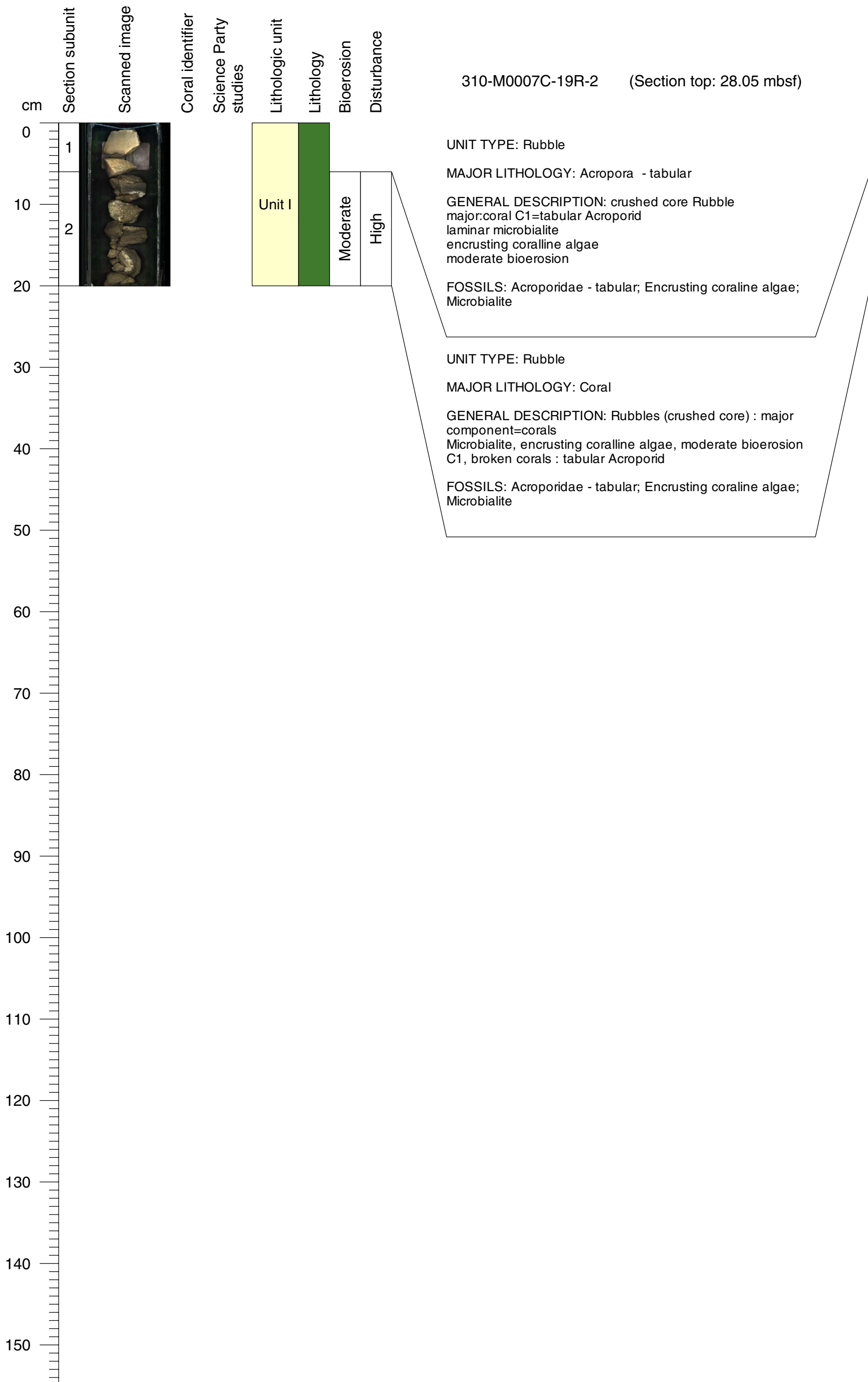
Core Photo

310-M0007C-19R-1 (Section top: 27.47 mbsf)

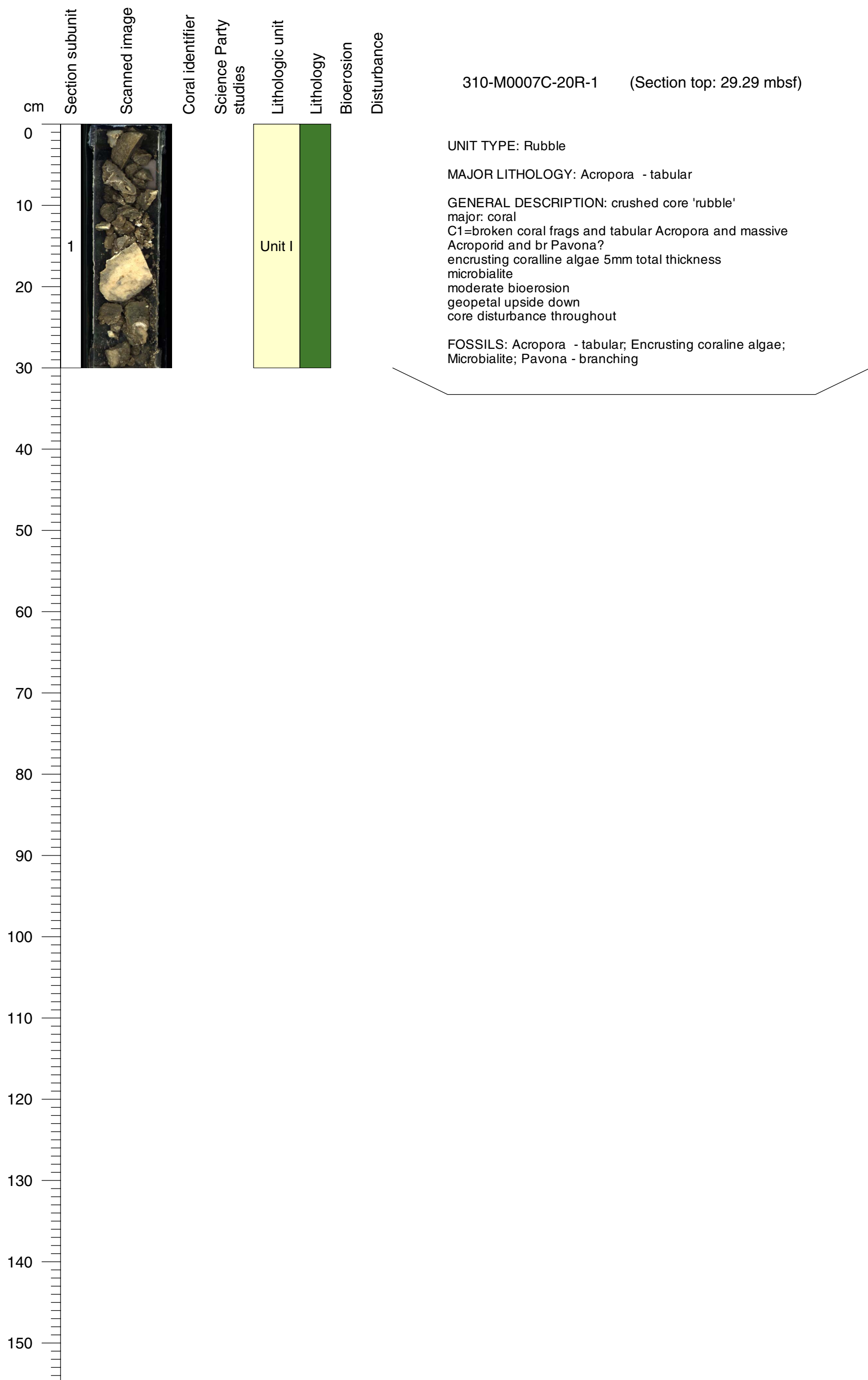


Core Photo

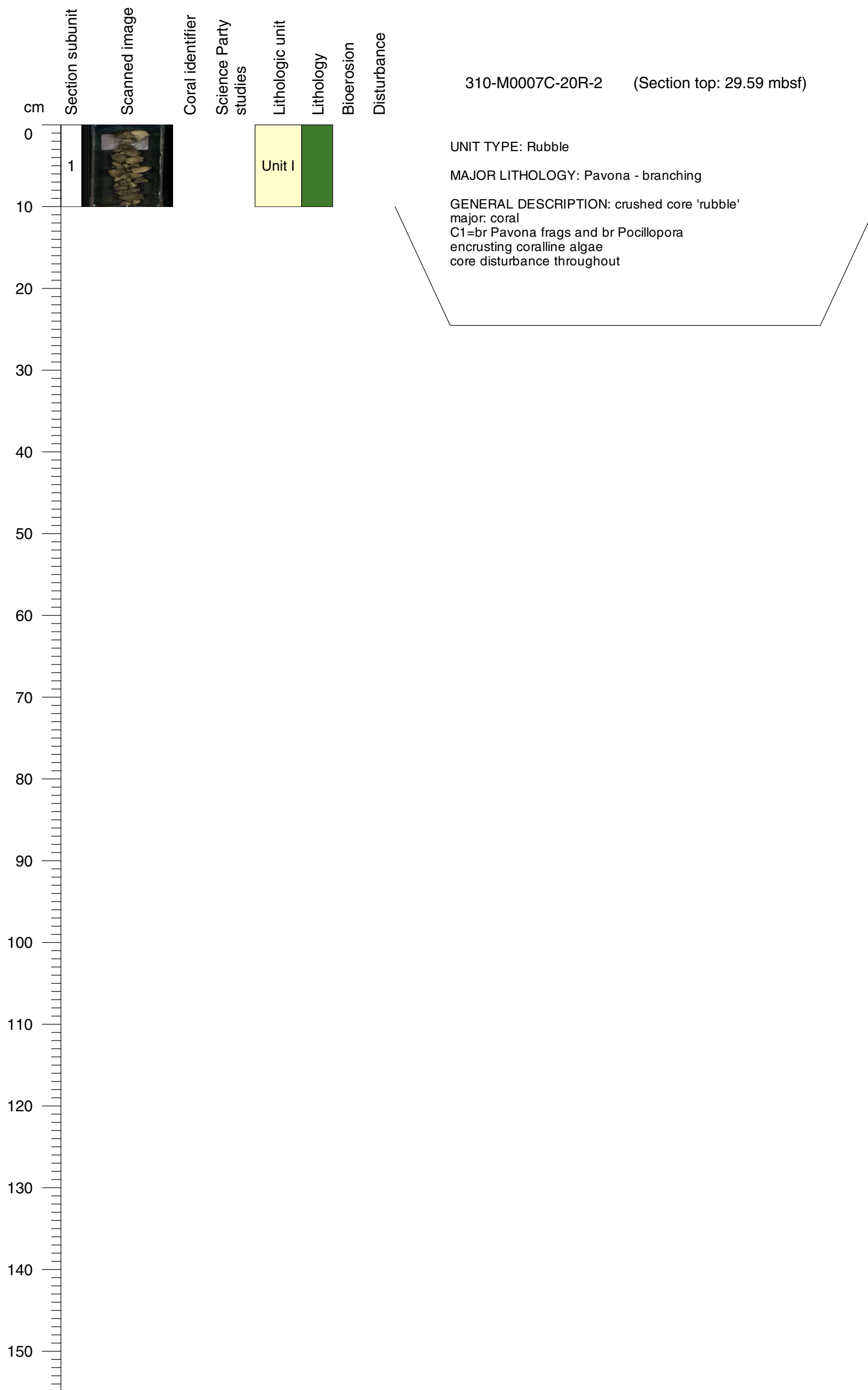
310-M0007C-19R-2 (Section top: 28.05 mbsf)



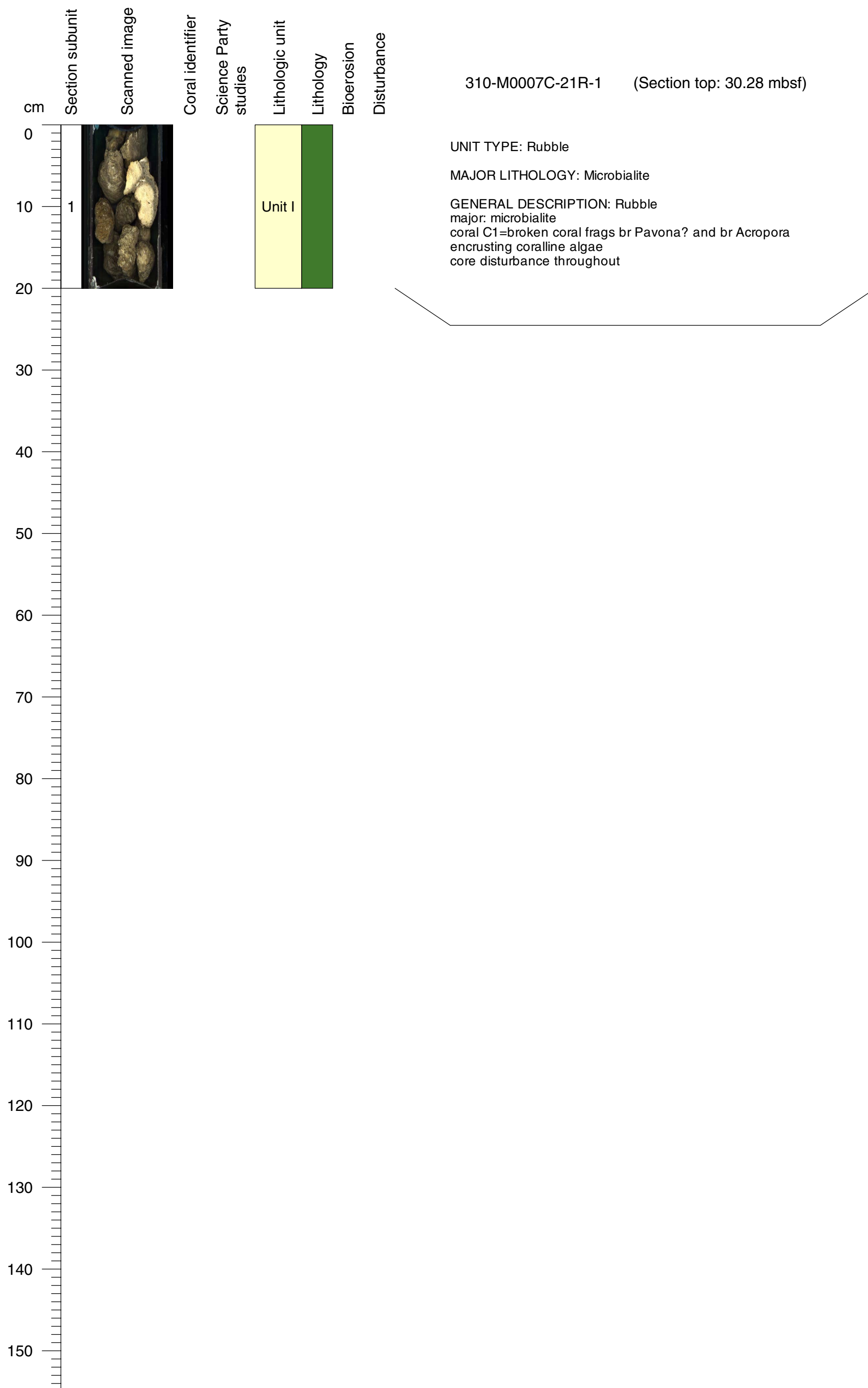
Core Photo



Core Photo

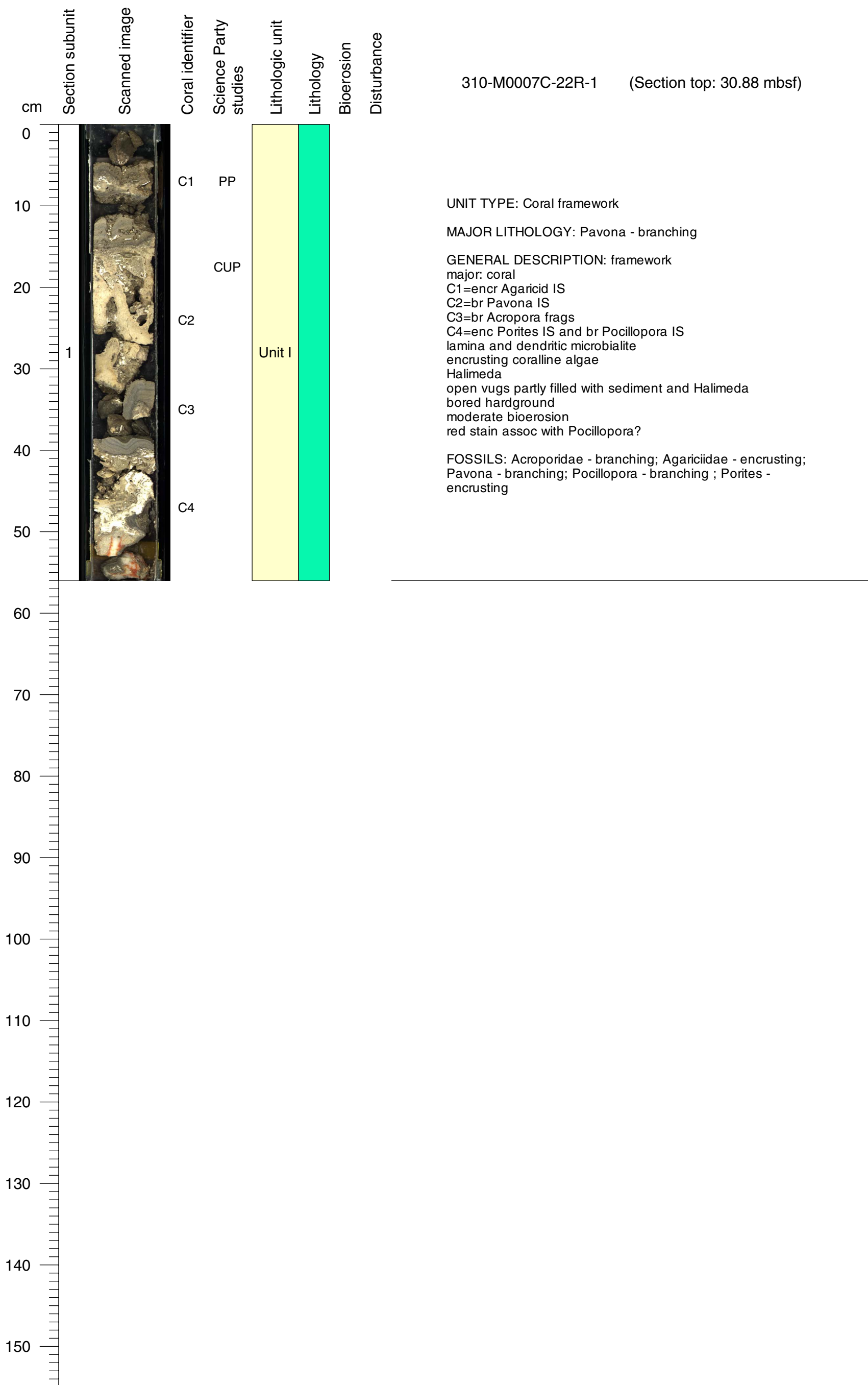


Core Photo

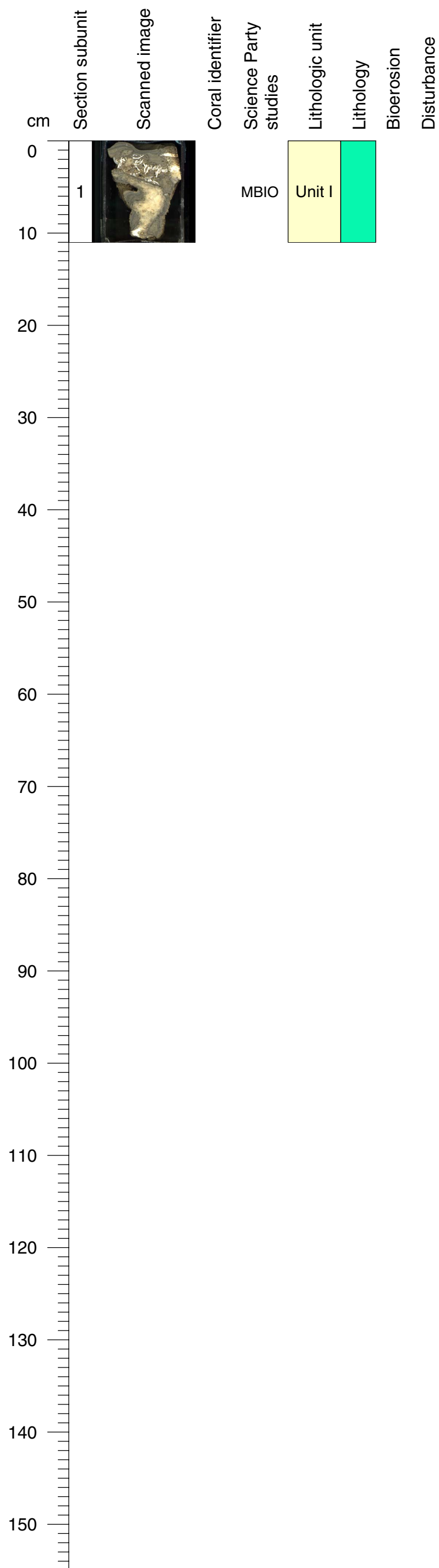


Core Photo

310-M0007C-22R-1 (Section top: 30.88 mbsf)



Core Photo



310-M0007C-22R-2 (Section top: 31.44 mbsf)

UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: framework
 major: lamina microbialite smooth surface
 coral C1=coral frags and unidentified Acroporiid and br Pavona
 and br Pocillopora
 Halimeda
 echinoid spine
 moderate bioerosion
 gastropod

FOSSILS: Echinoderm; Gastropod; Halimeda; Microbialite;
 Other coral

