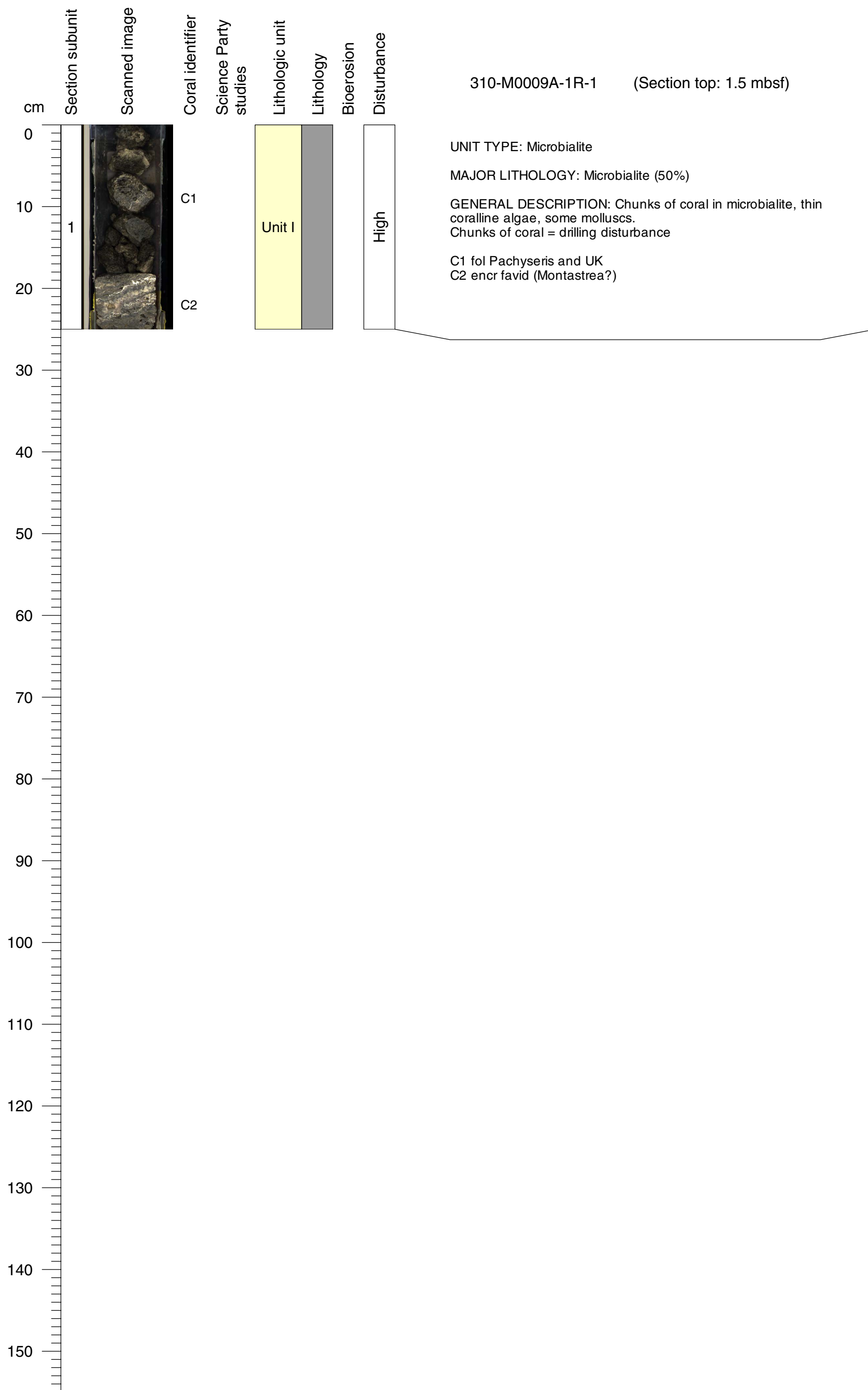
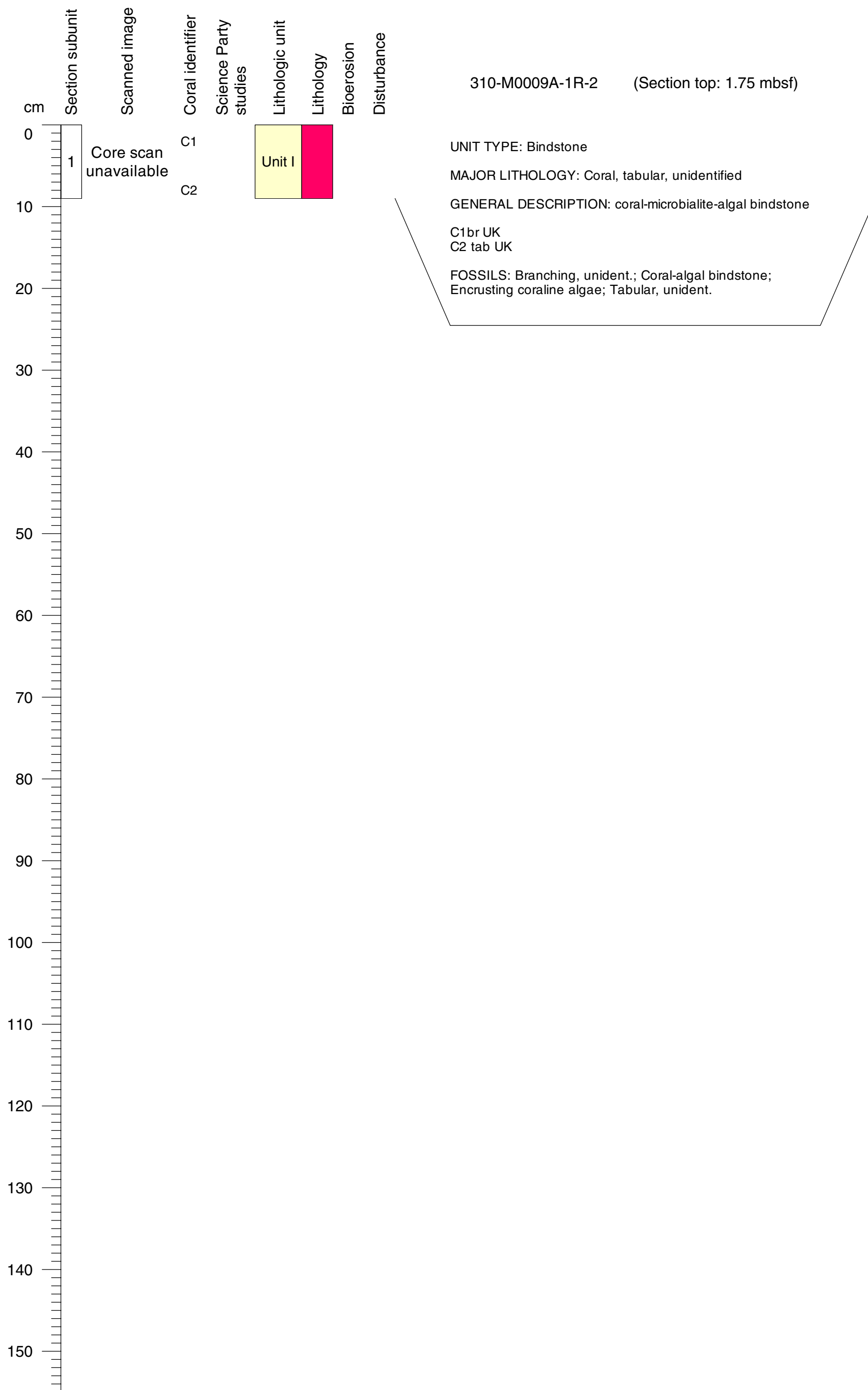


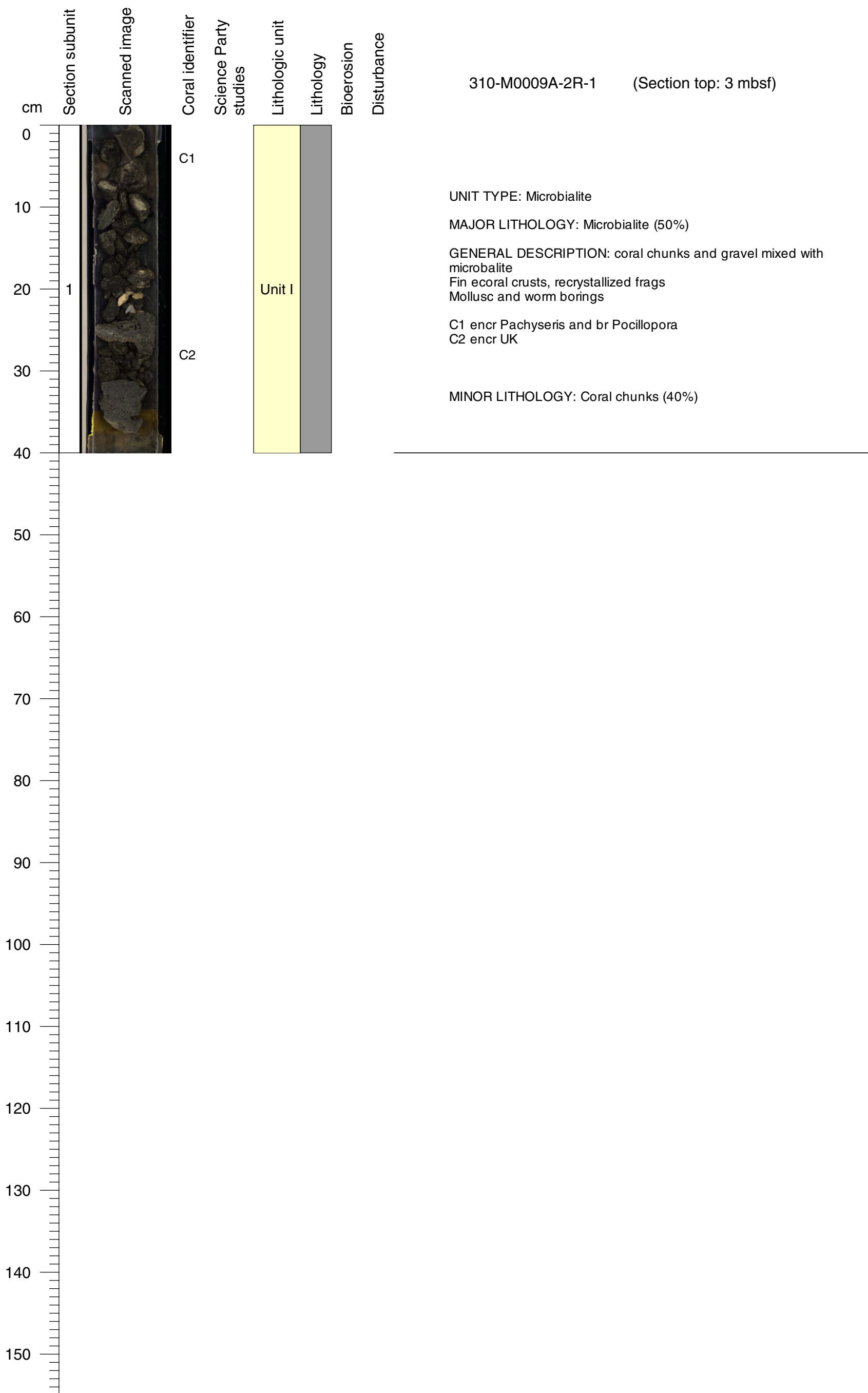
Core Photo



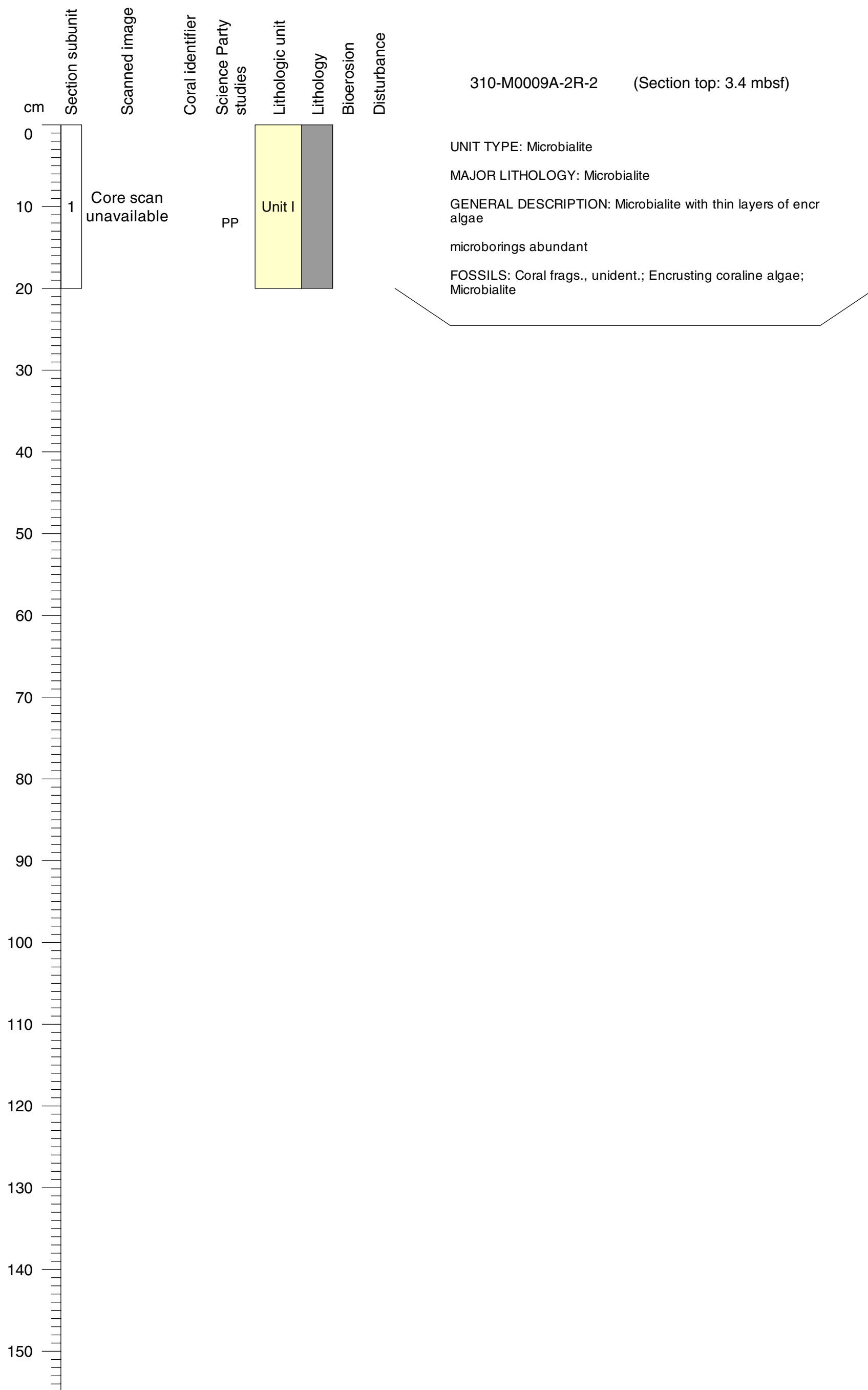
Core Photo



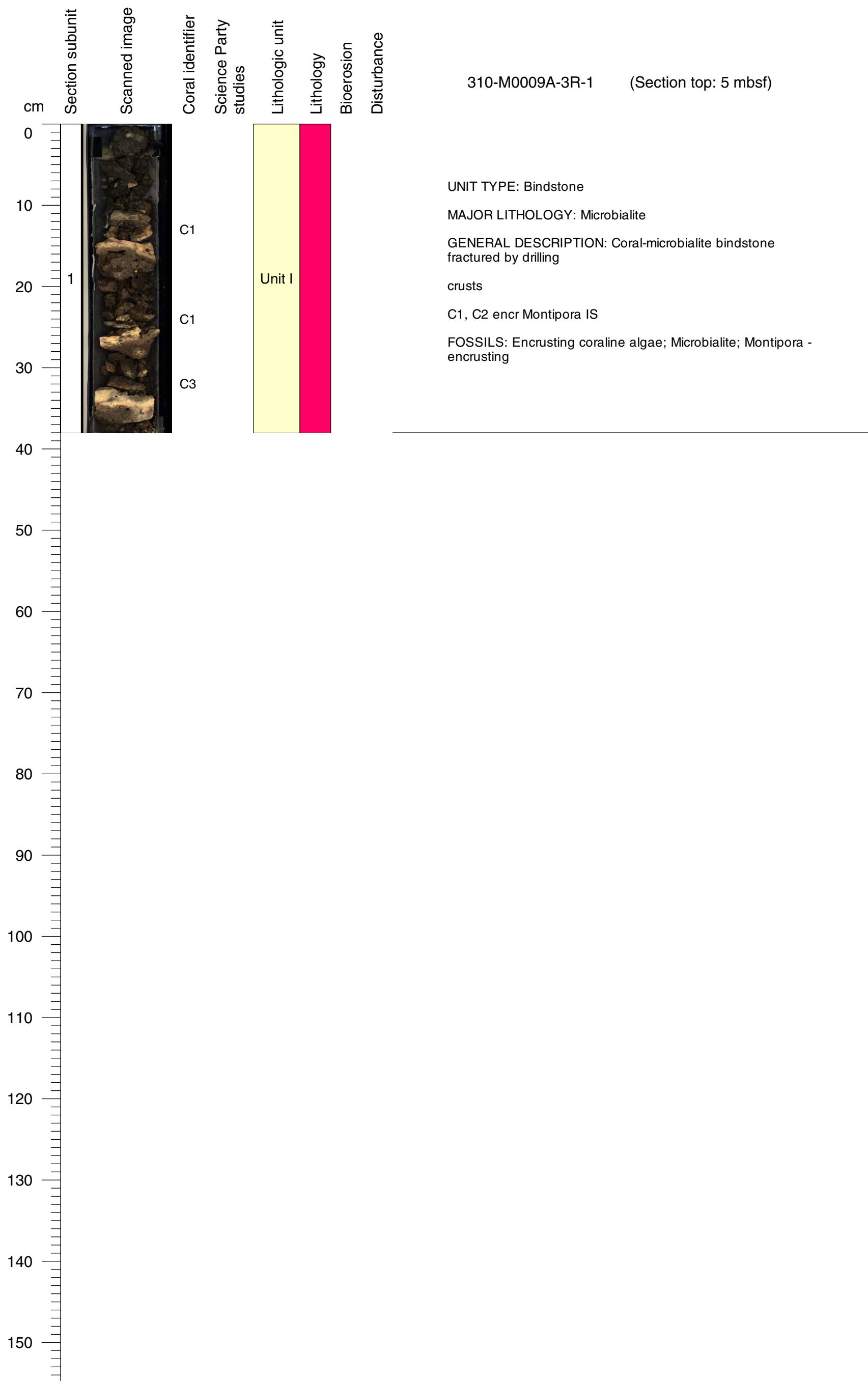
Core Photo



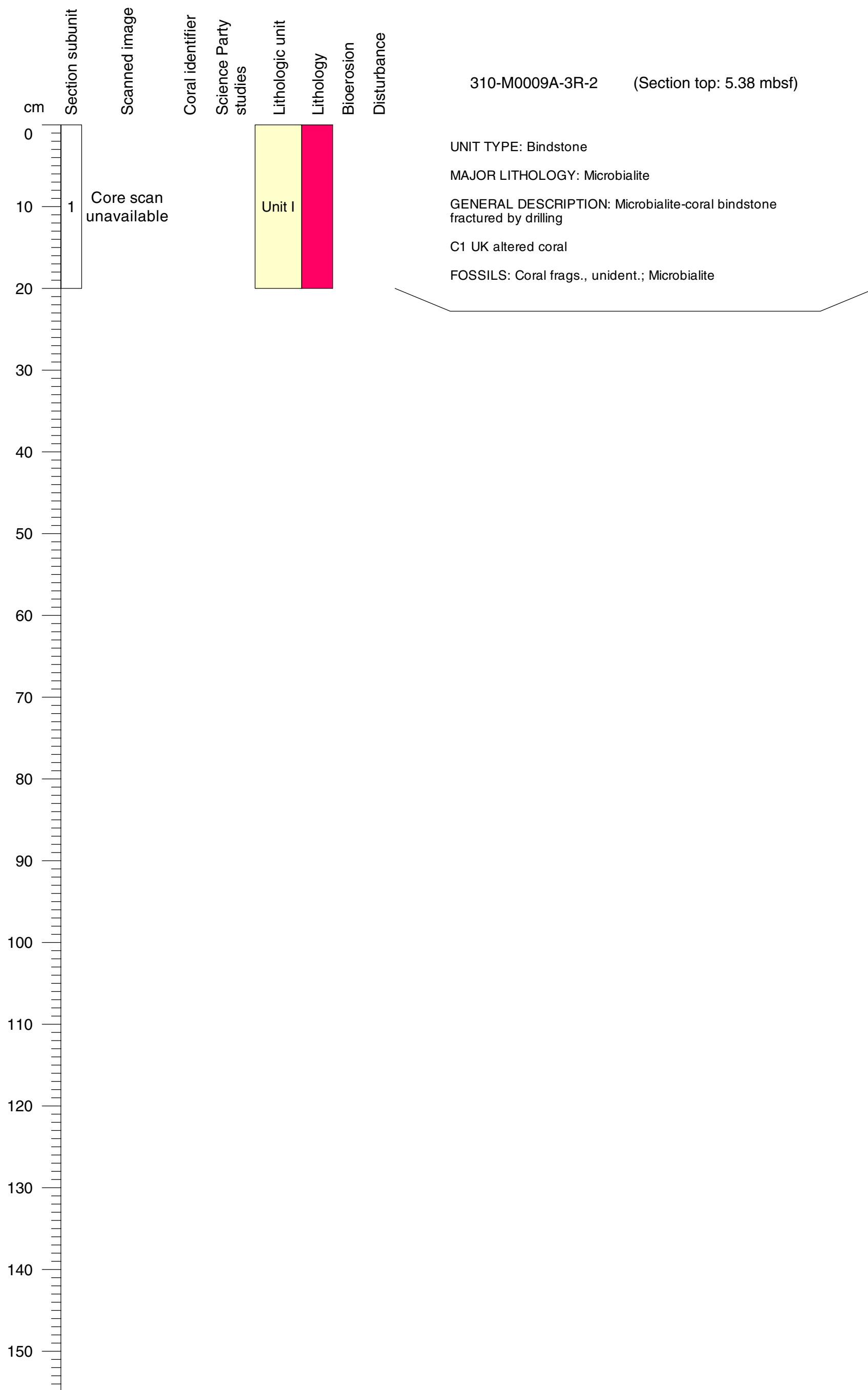
Core Photo



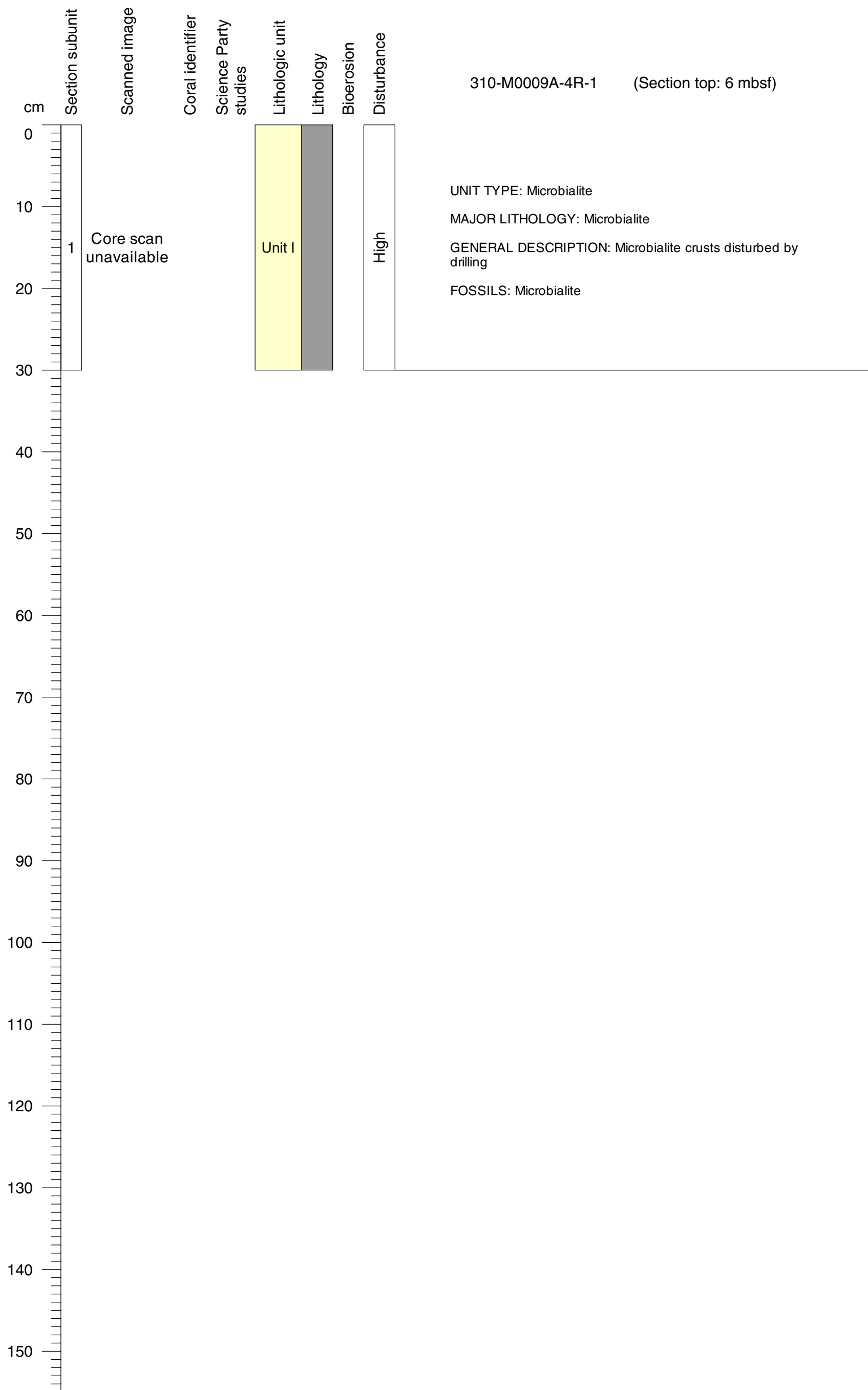
Core Photo



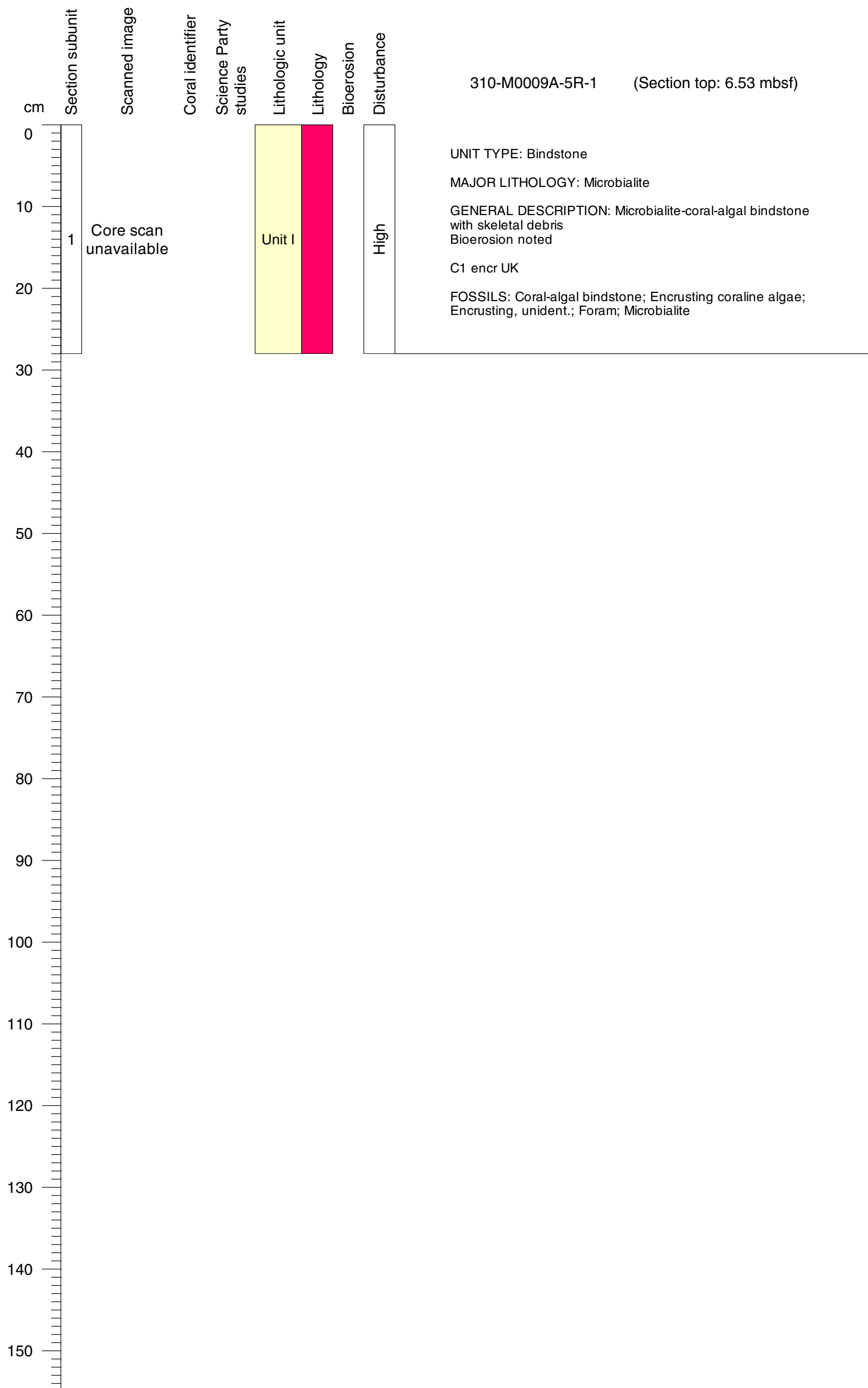
Core Photo



Core Photo

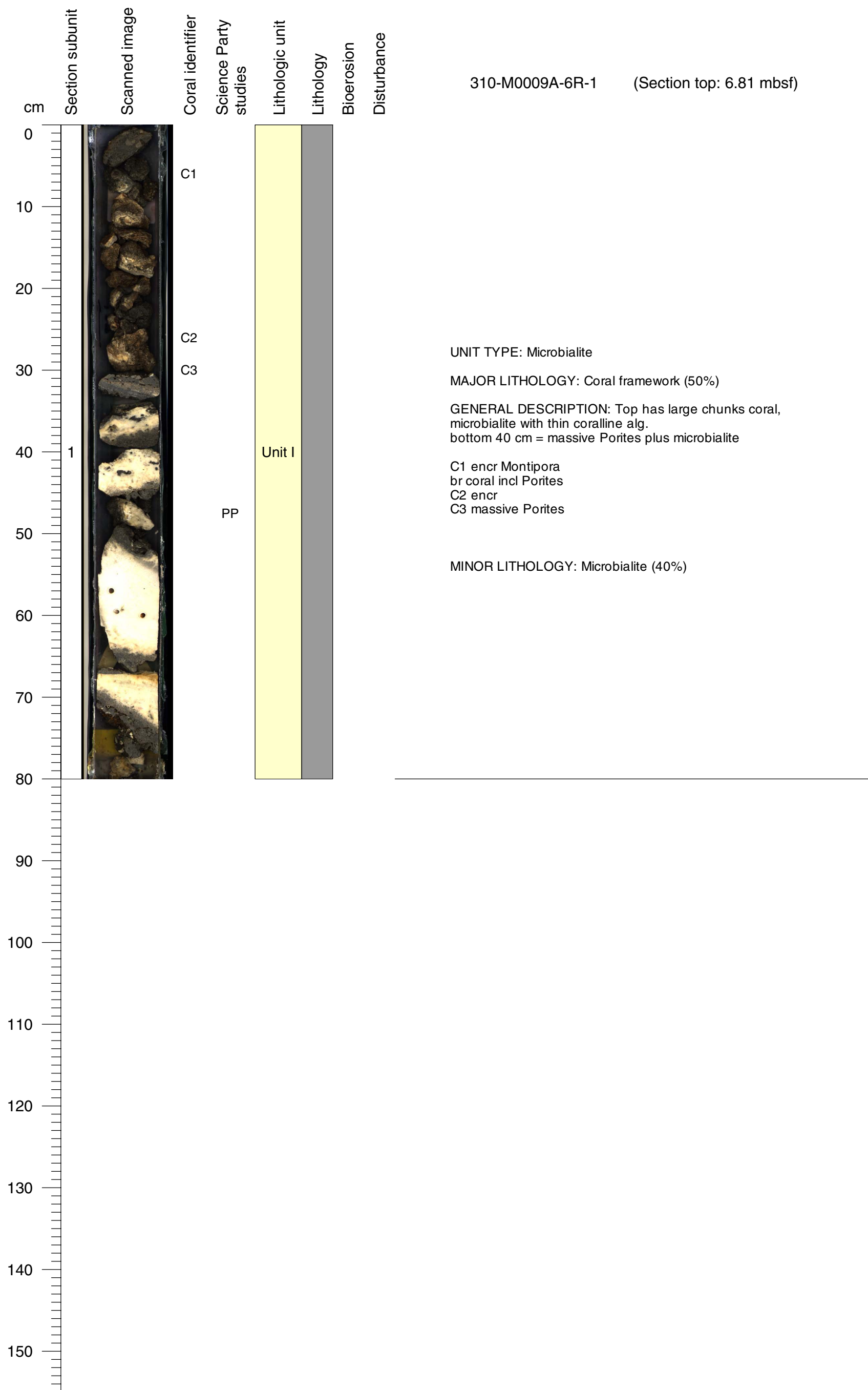


Core Photo

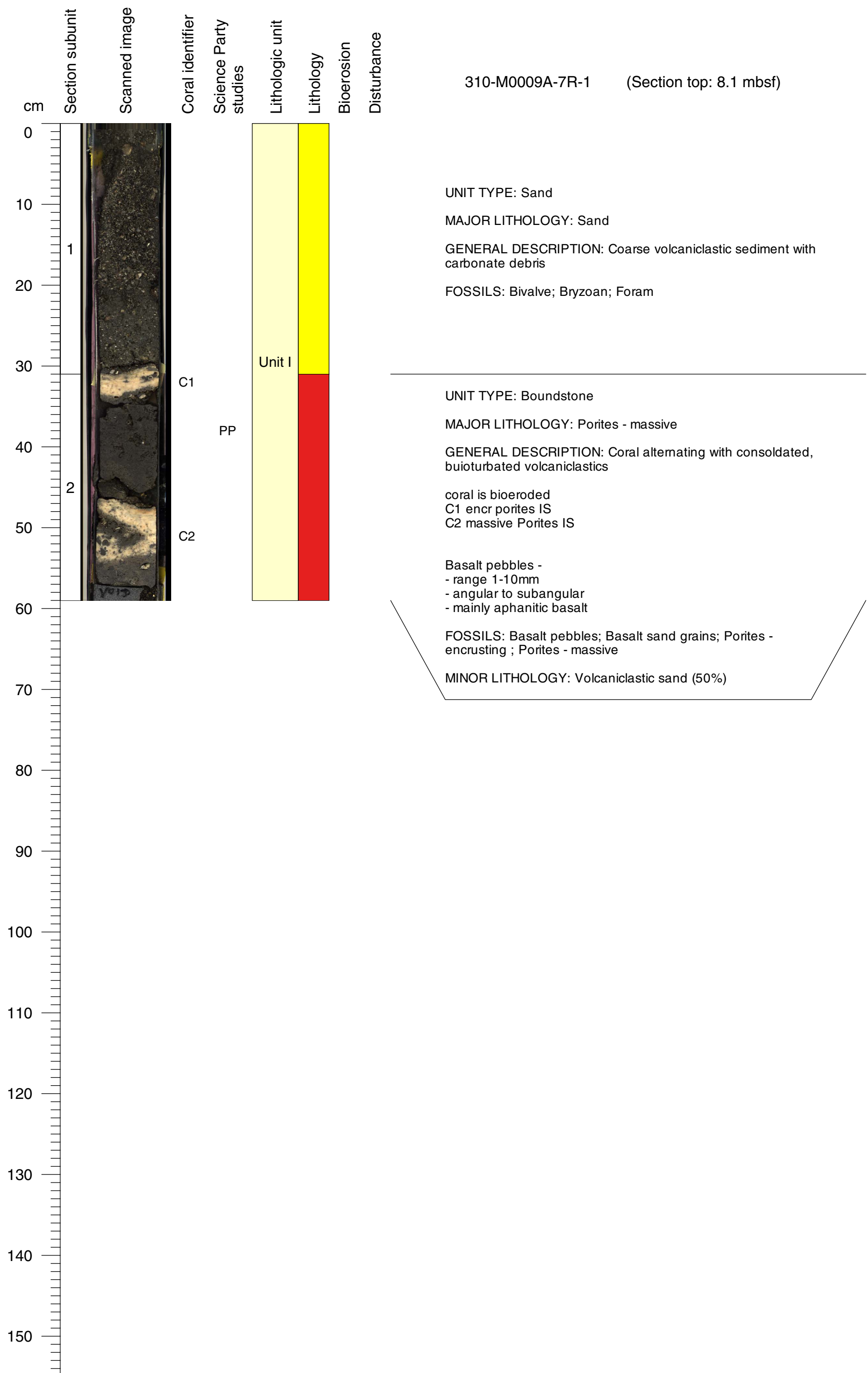


Core Photo

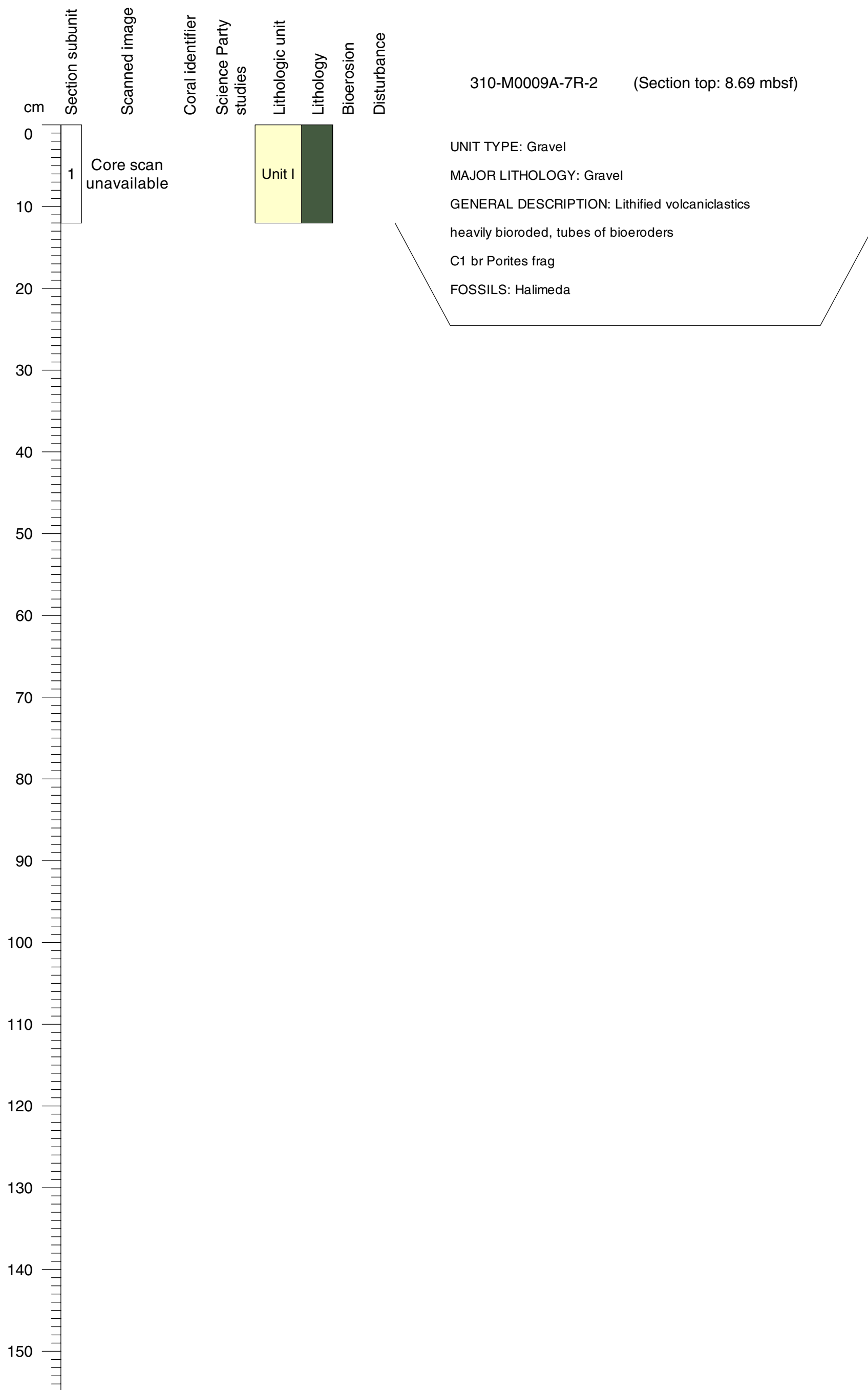
310-M0009A-6R-1 (Section top: 6.81 mbsf)



Core Photo

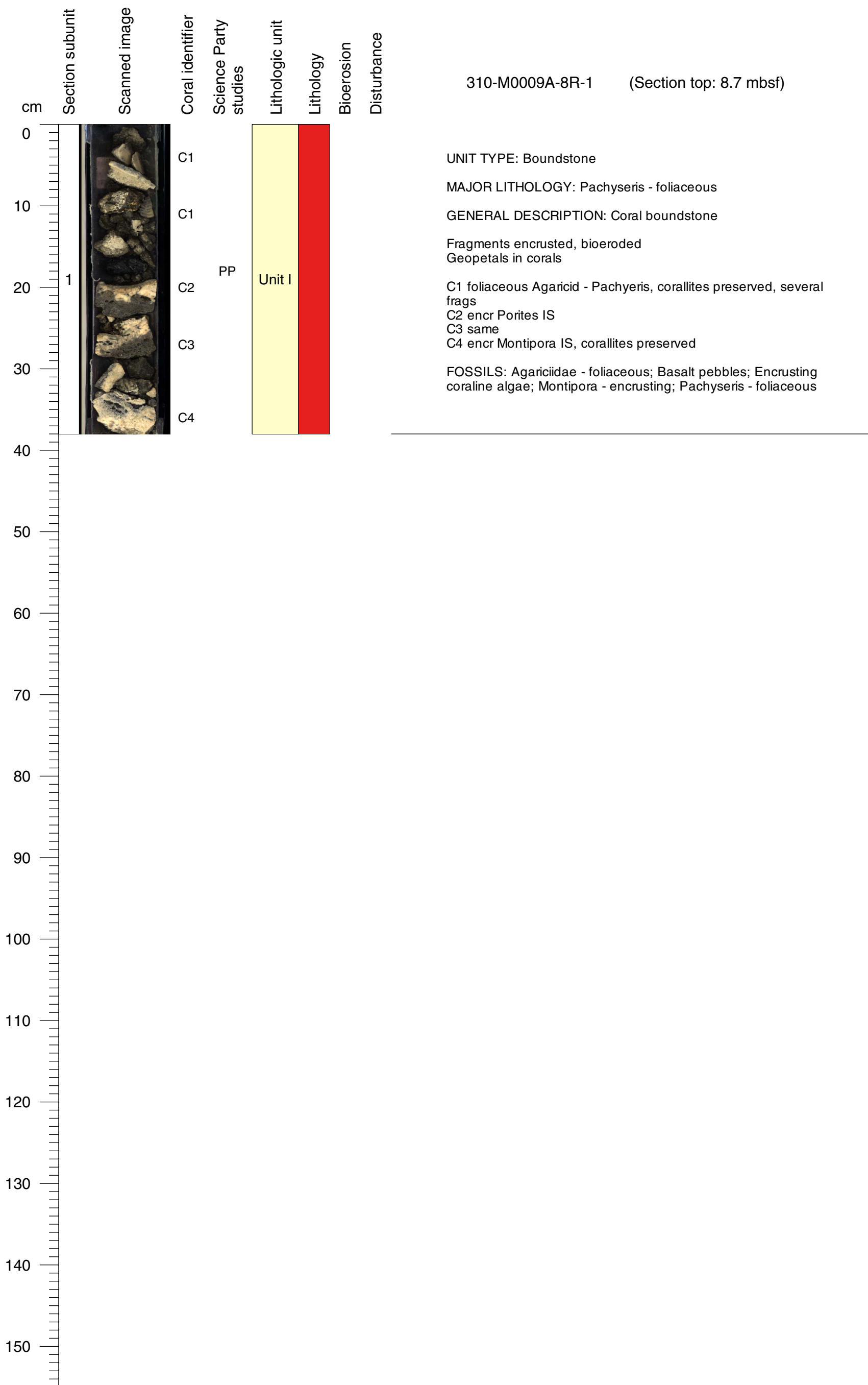


Core Photo

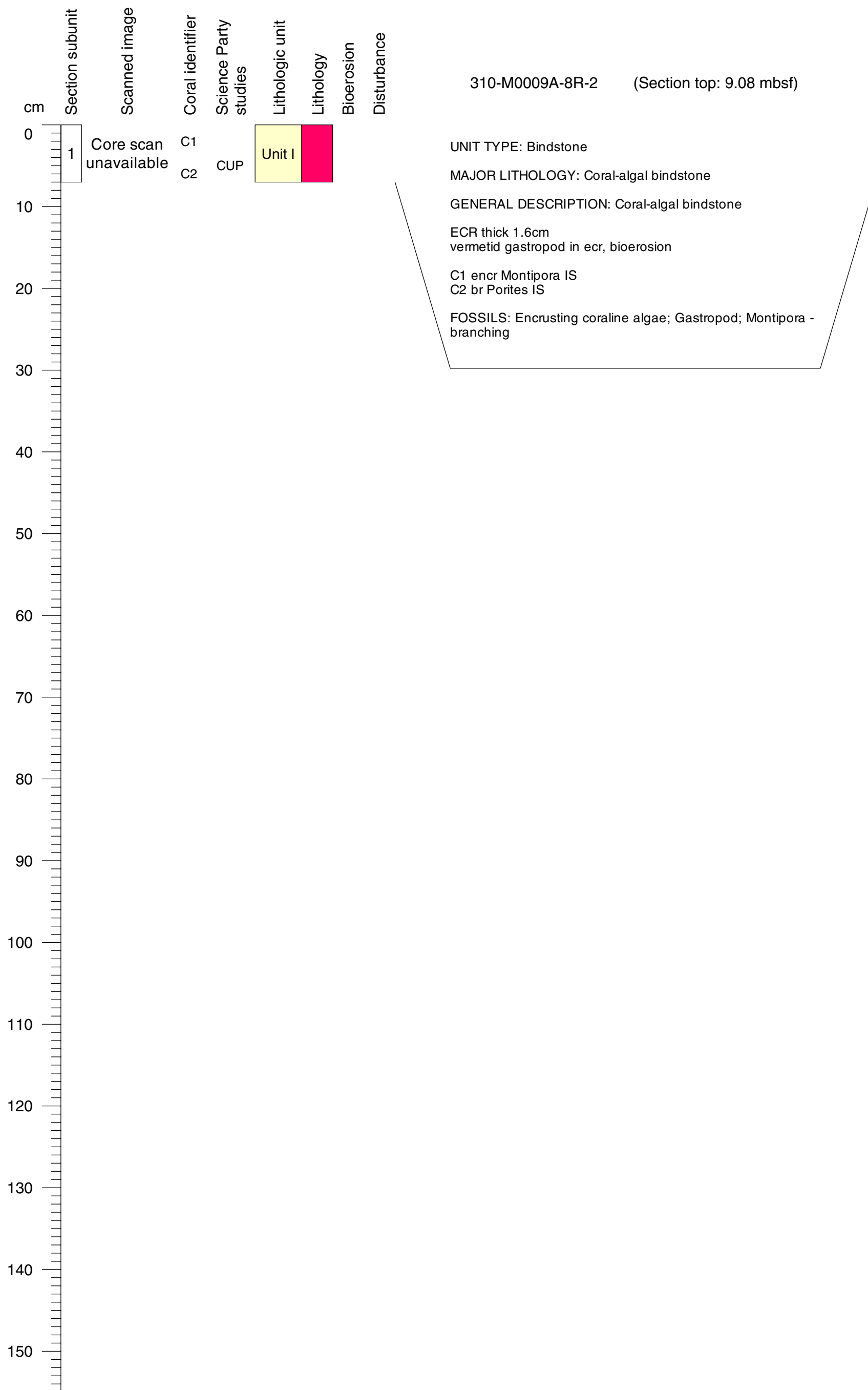


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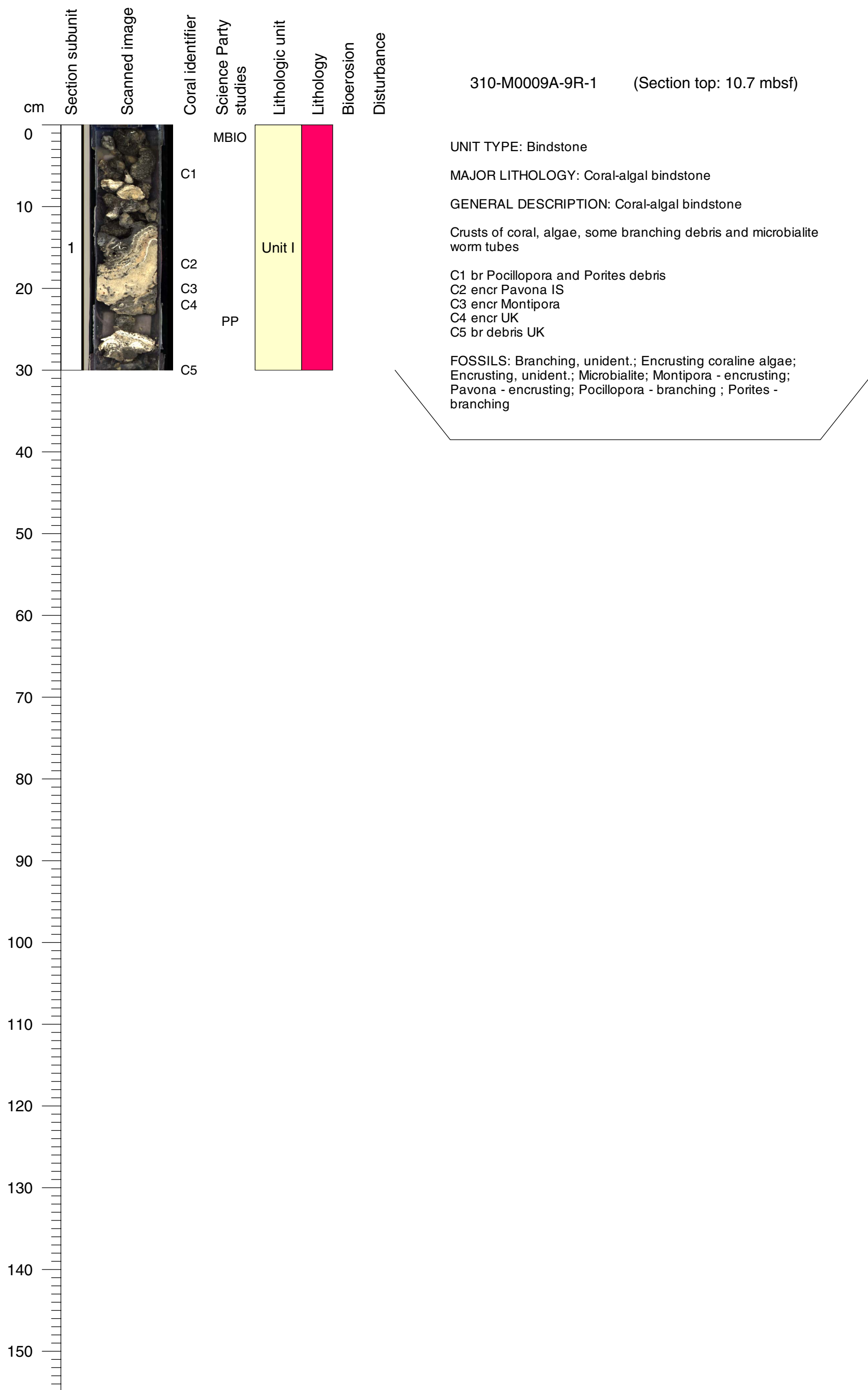
310-M0009A-8R-1 (Section top: 8.7 mbsf)



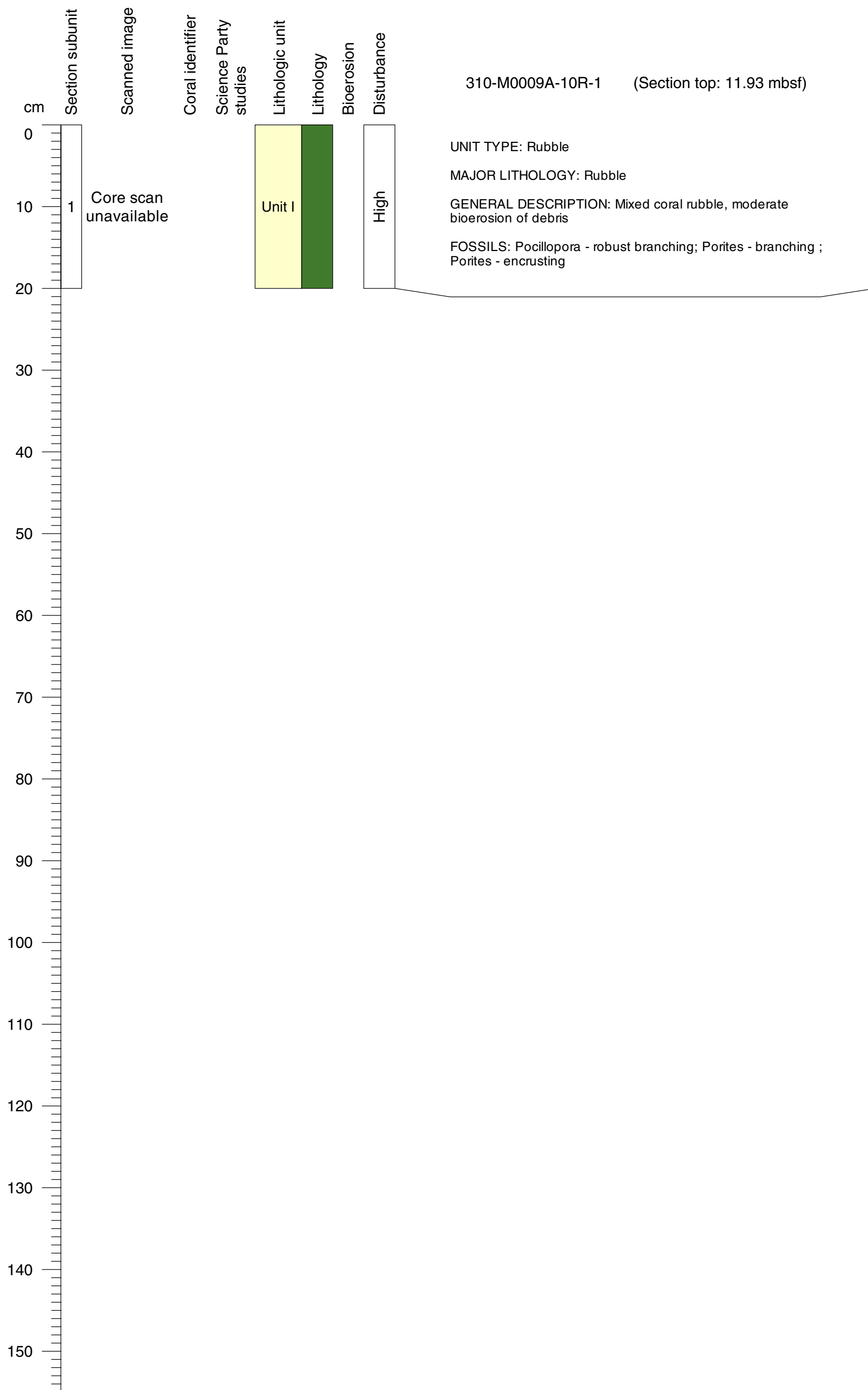
Core Photo



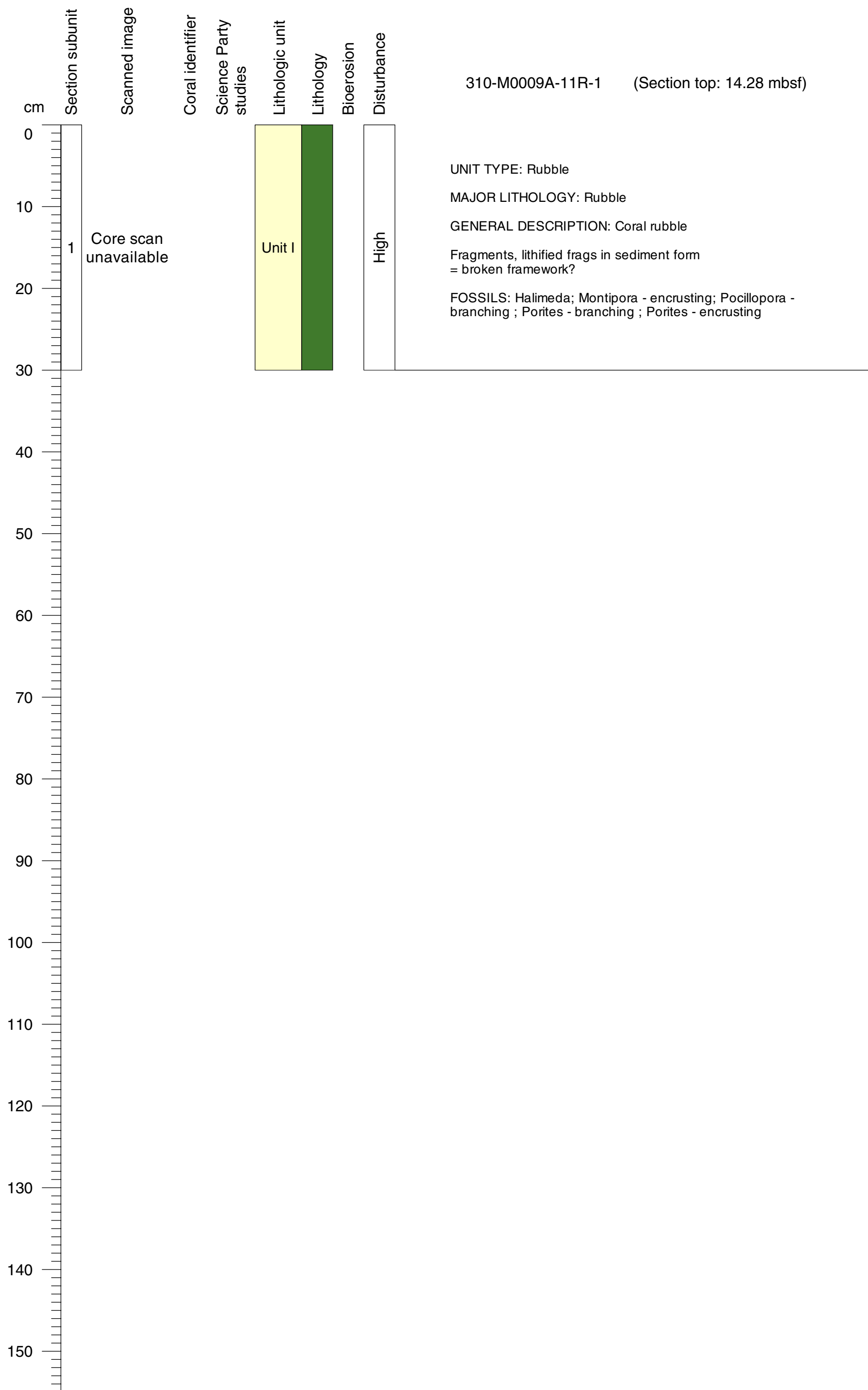
Core Photo



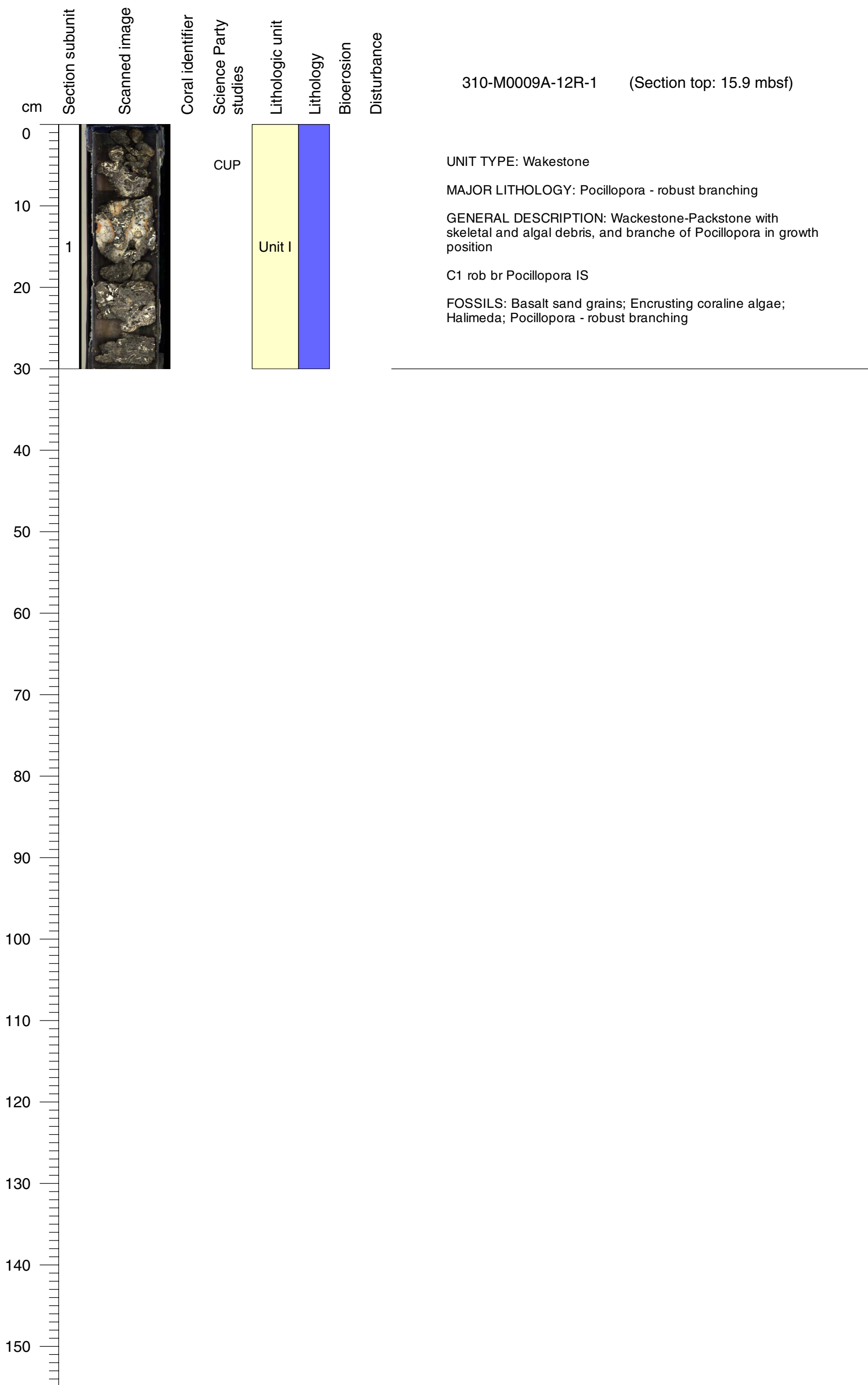
Core Photo



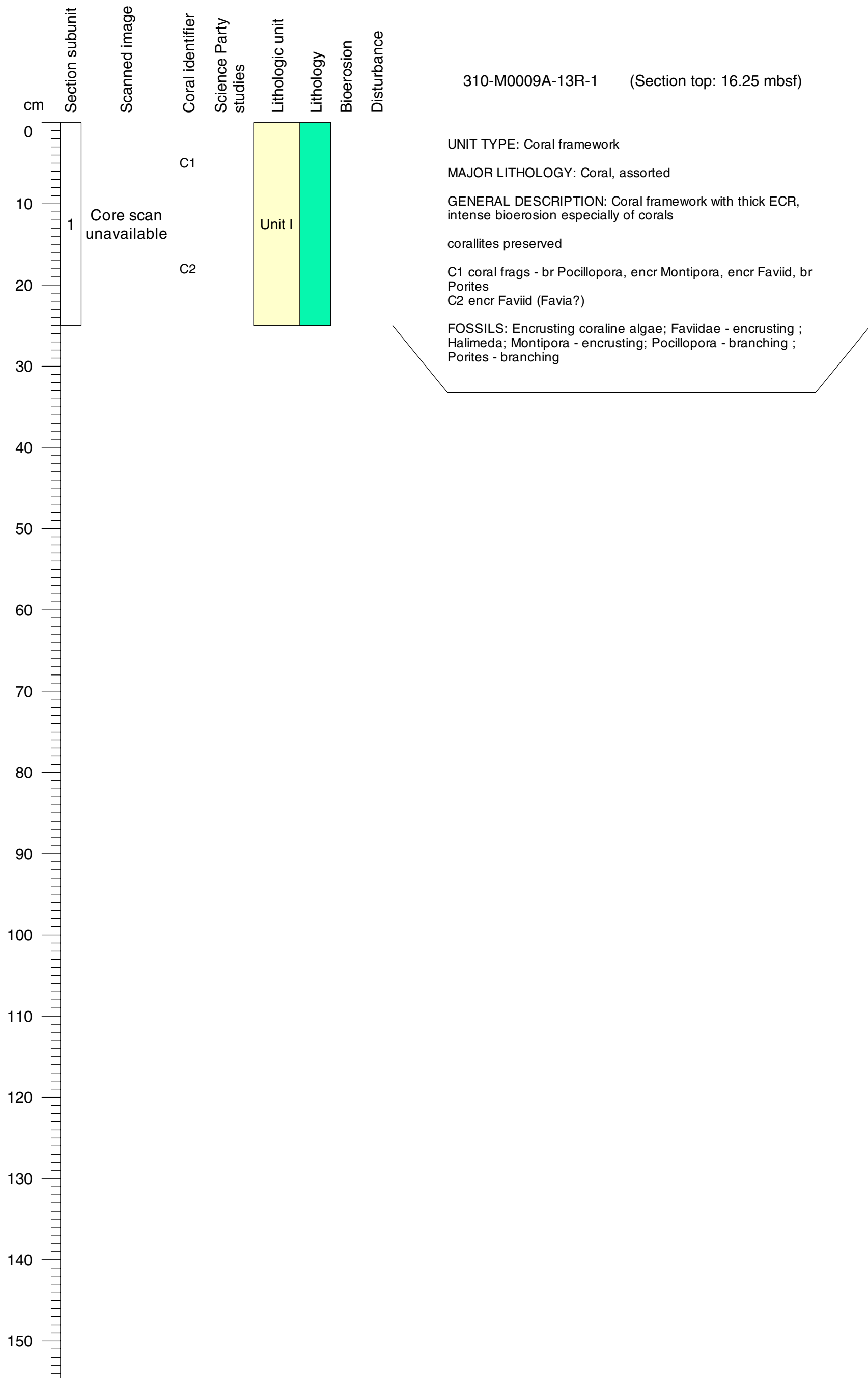
Core Photo



Core Photo

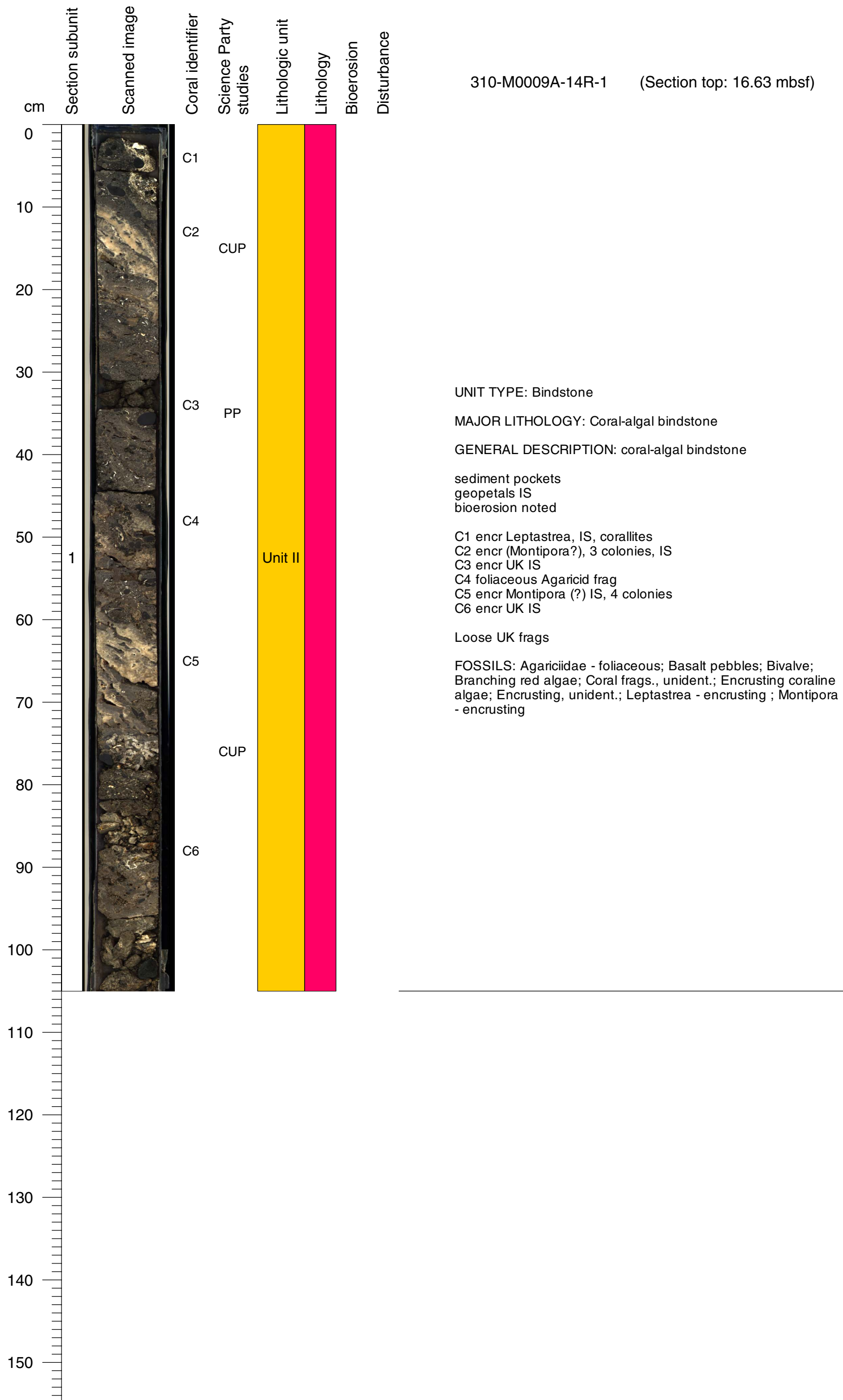


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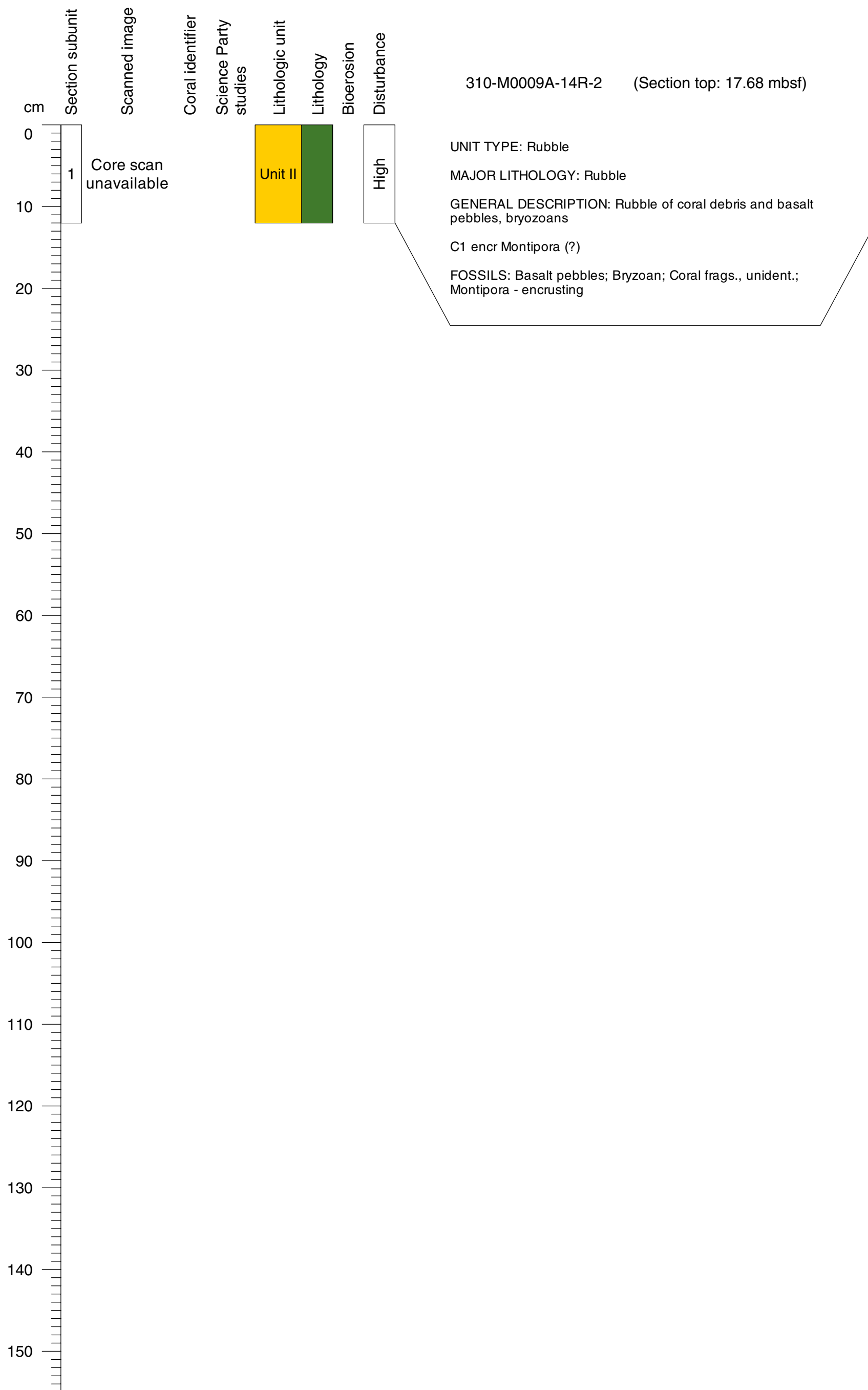


Core Photo

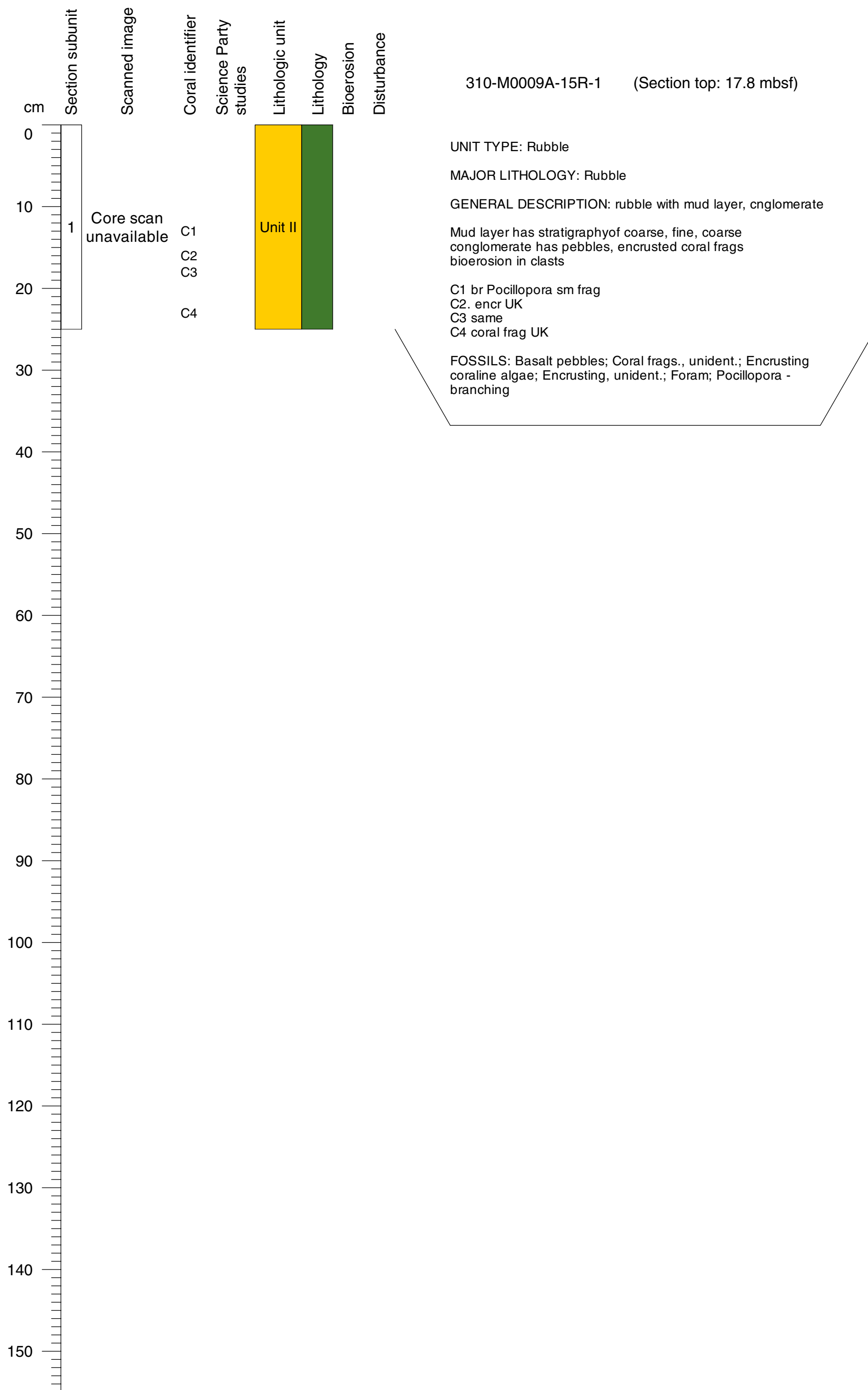
310-M0009A-14R-1 (Section top: 16.63 mbsf)



Core Photo

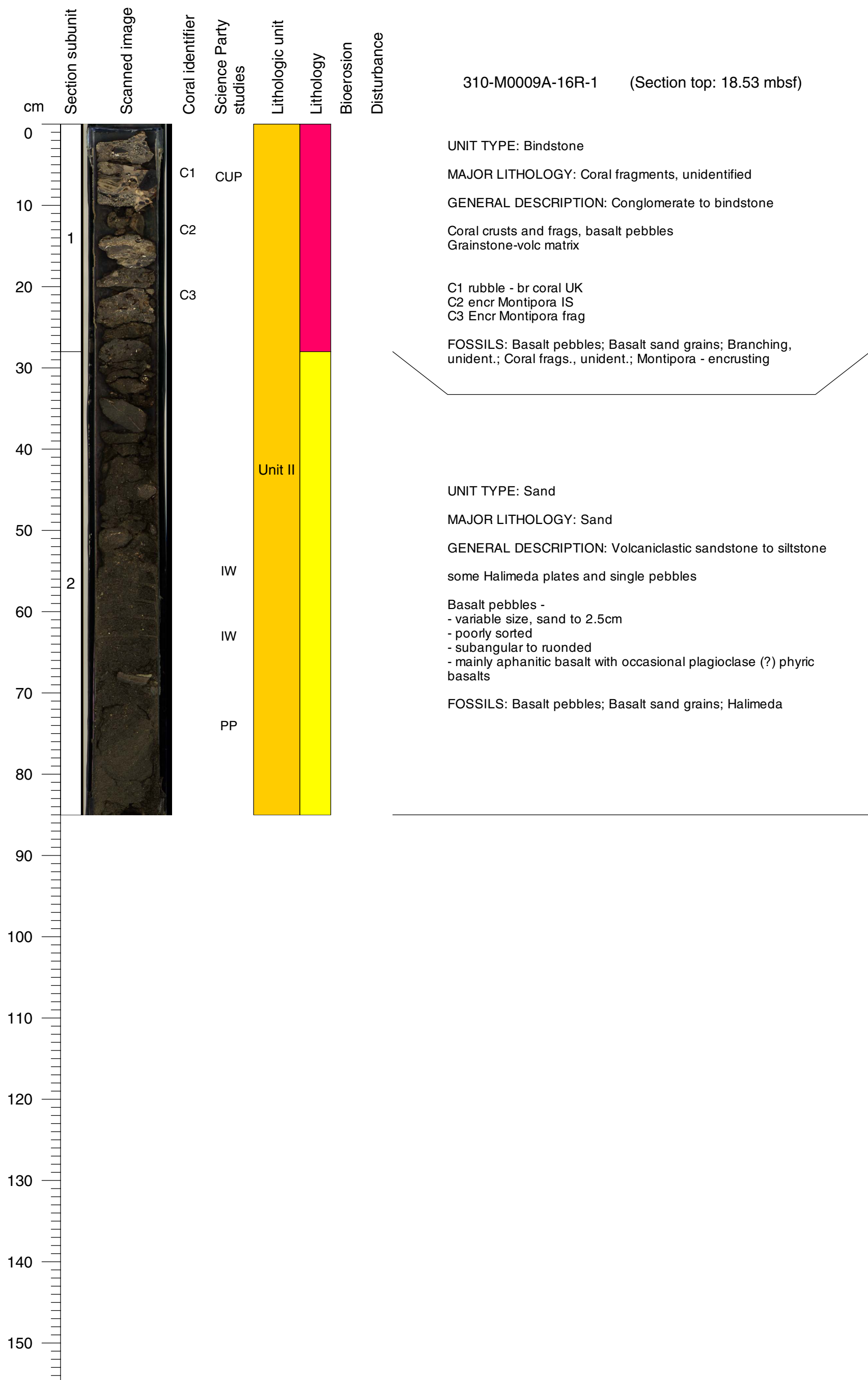


Core Photo

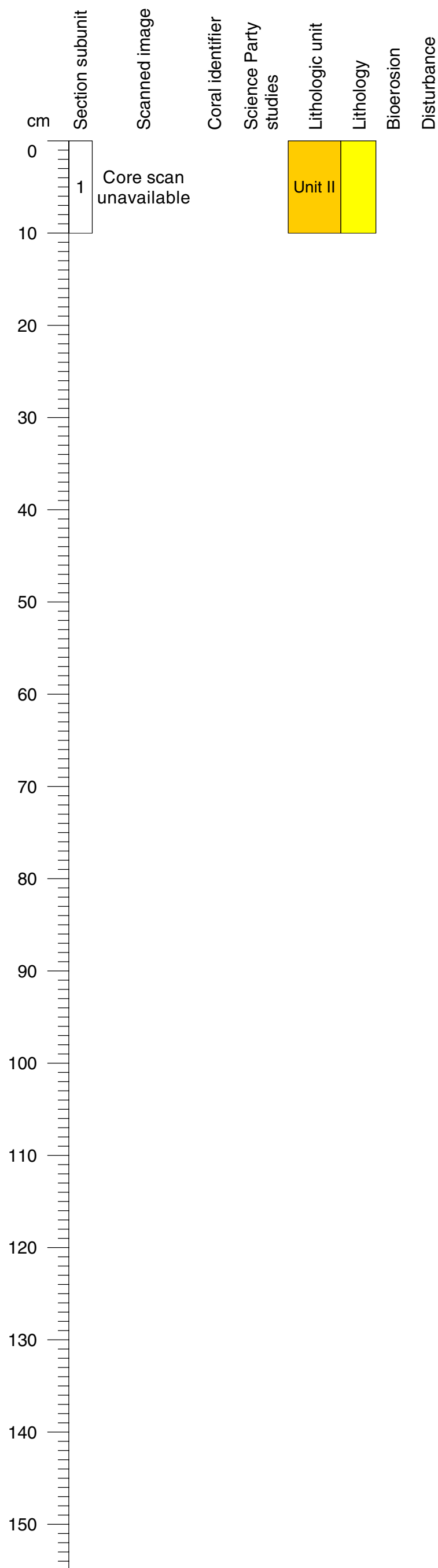


Core Photo

310-M0009A-16R-1 (Section top: 18.53 mbsf)



Core Photo



310-M0009A-16R-2 (Section top: 19.38 mbsf)

UNIT TYPE: Sand

MAJOR LITHOLOGY: Sand

GENERAL DESCRIPTION: Volcaniclastic sandstone to siltstone with carbonate debris

- no structures present- mainly clumps of unlithified sand and silt
- unsorted
- mainly angular to subangular grains
- mixture of carbonate debris and volcaniclasts

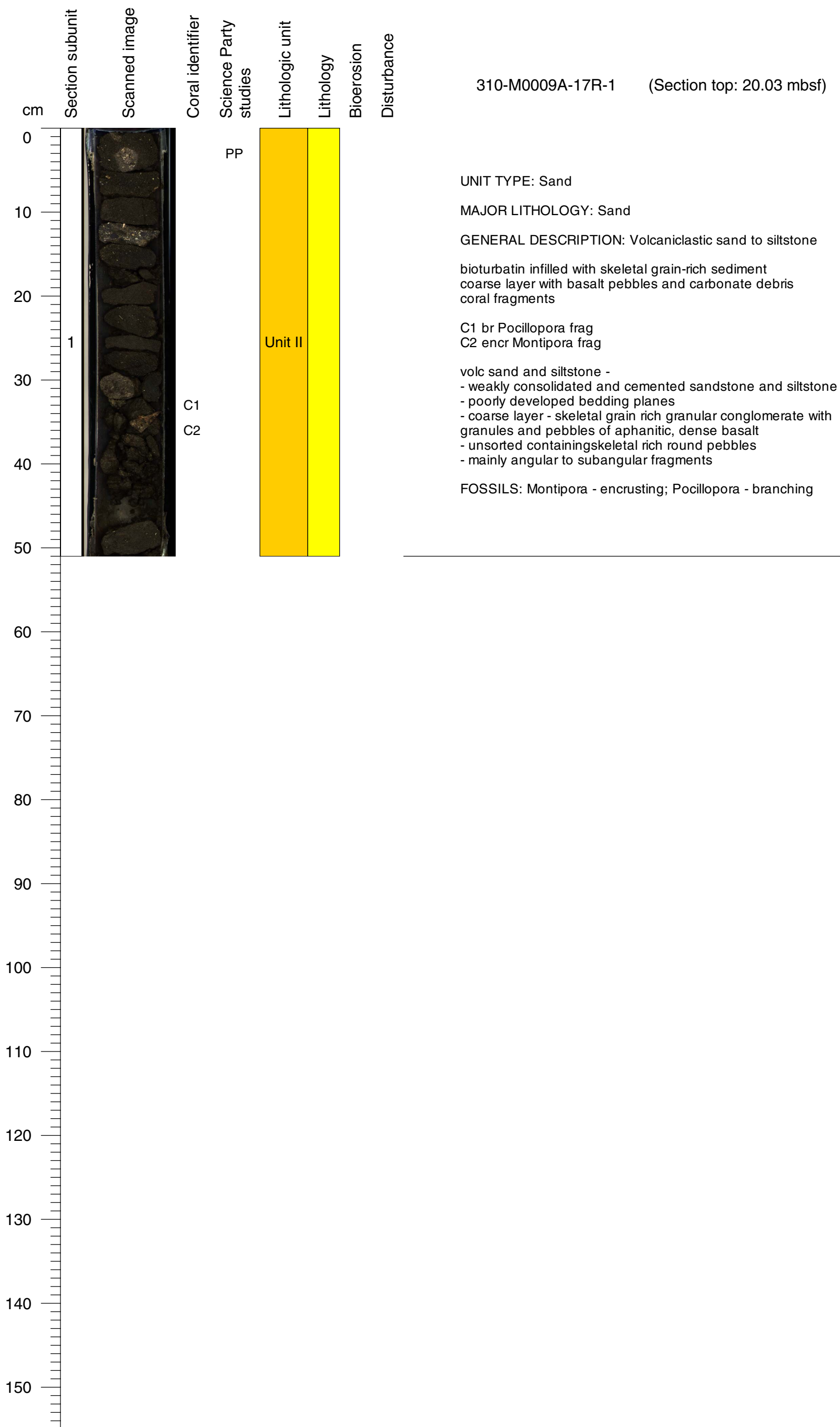
FOSSILS: Basalt sand grains

MINOR LITHOLOGY: Carbonate skeletal debris

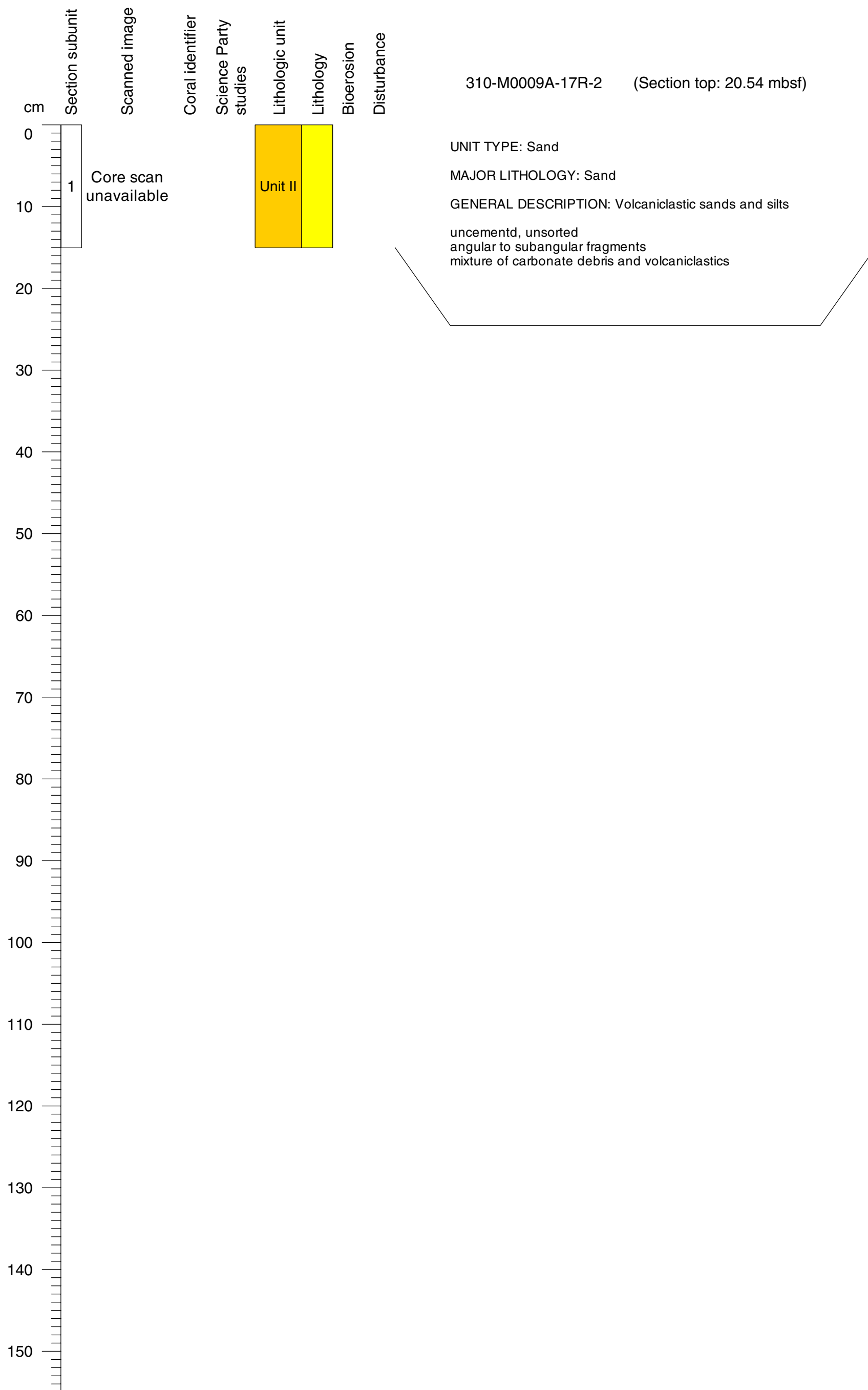


Core Photo

310-M0009A-17R-1 (Section top: 20.03 mbsf)

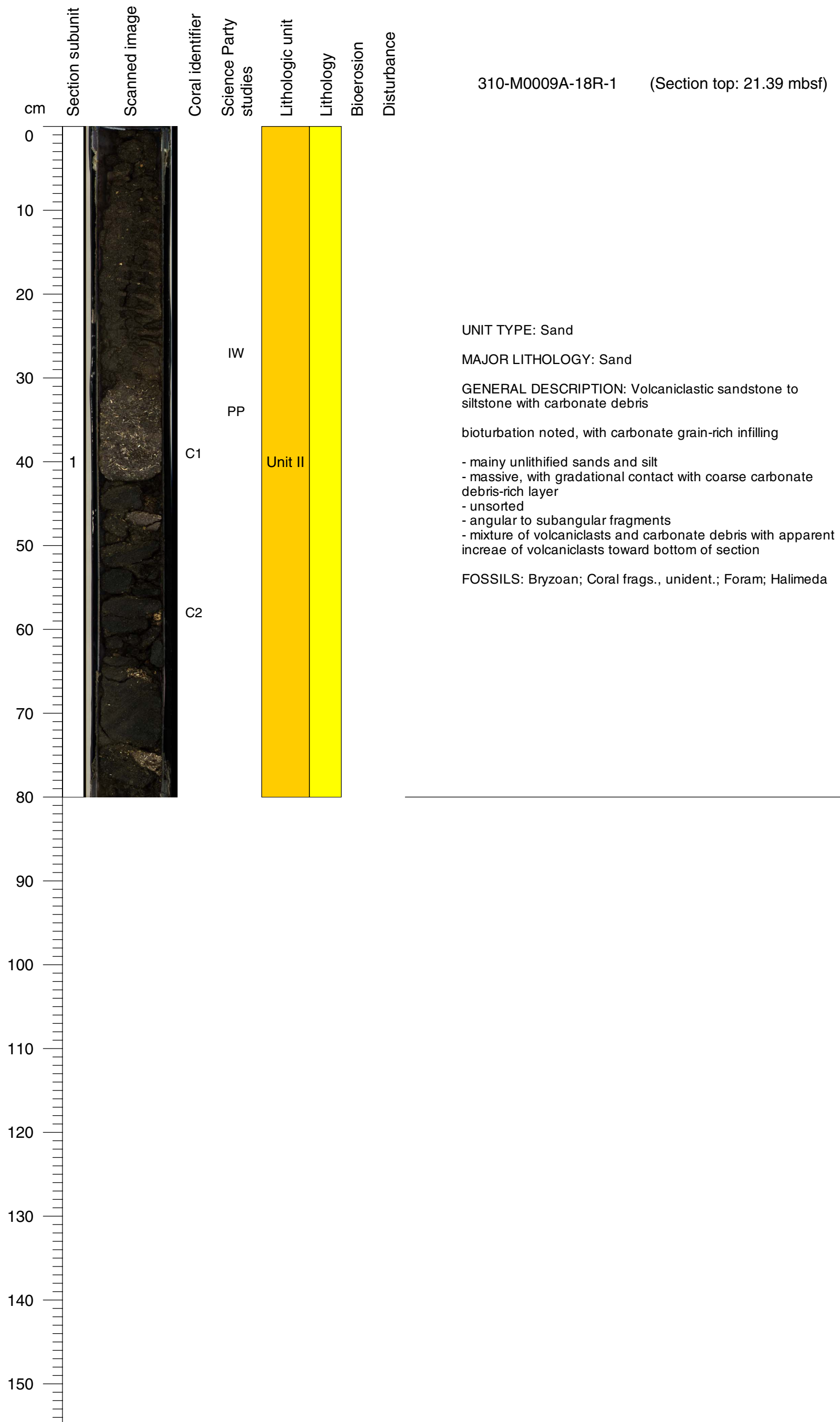


Core Photo

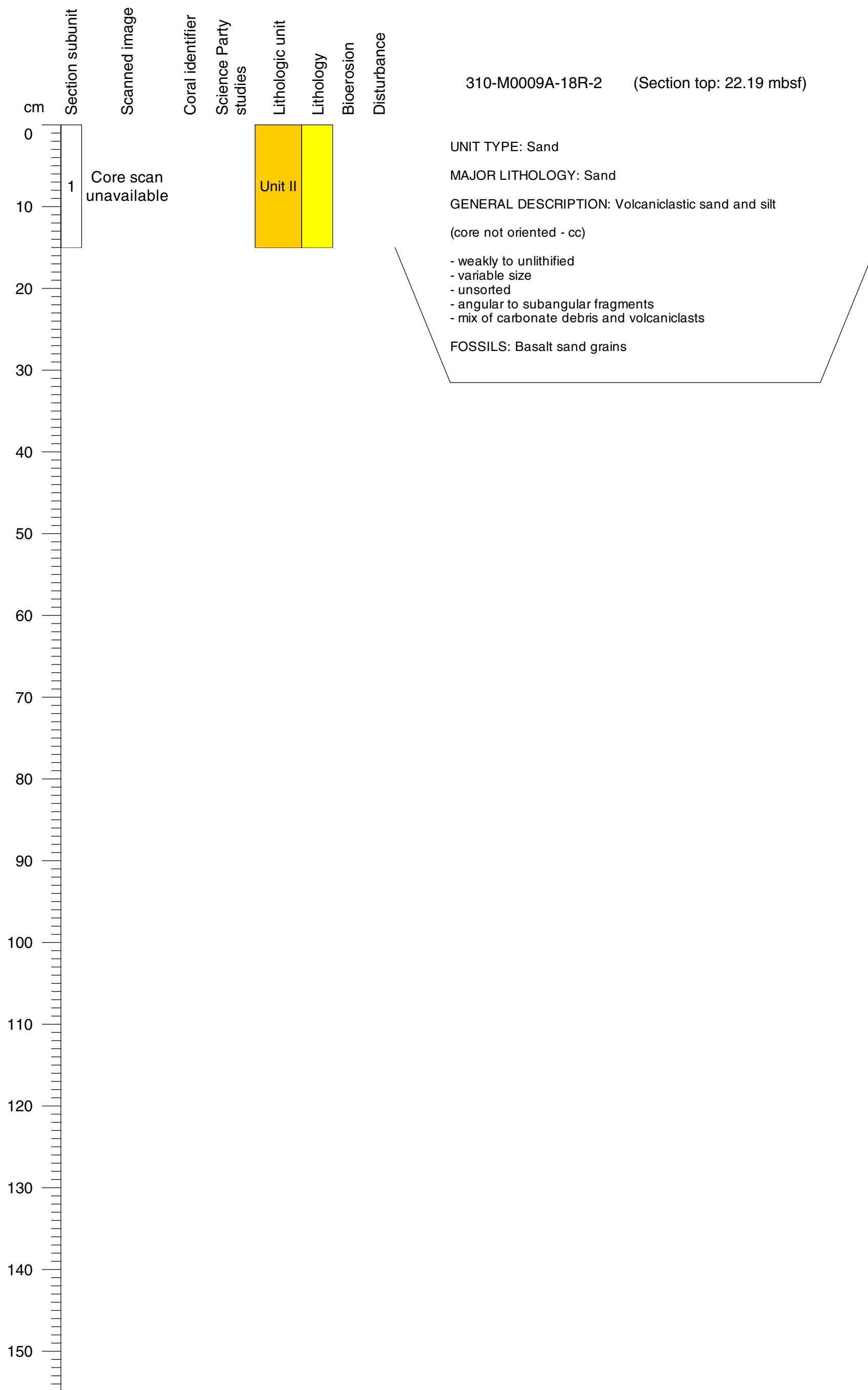


Core Photo

310-M0009A-18R-1 (Section top: 21.39 mbsf)

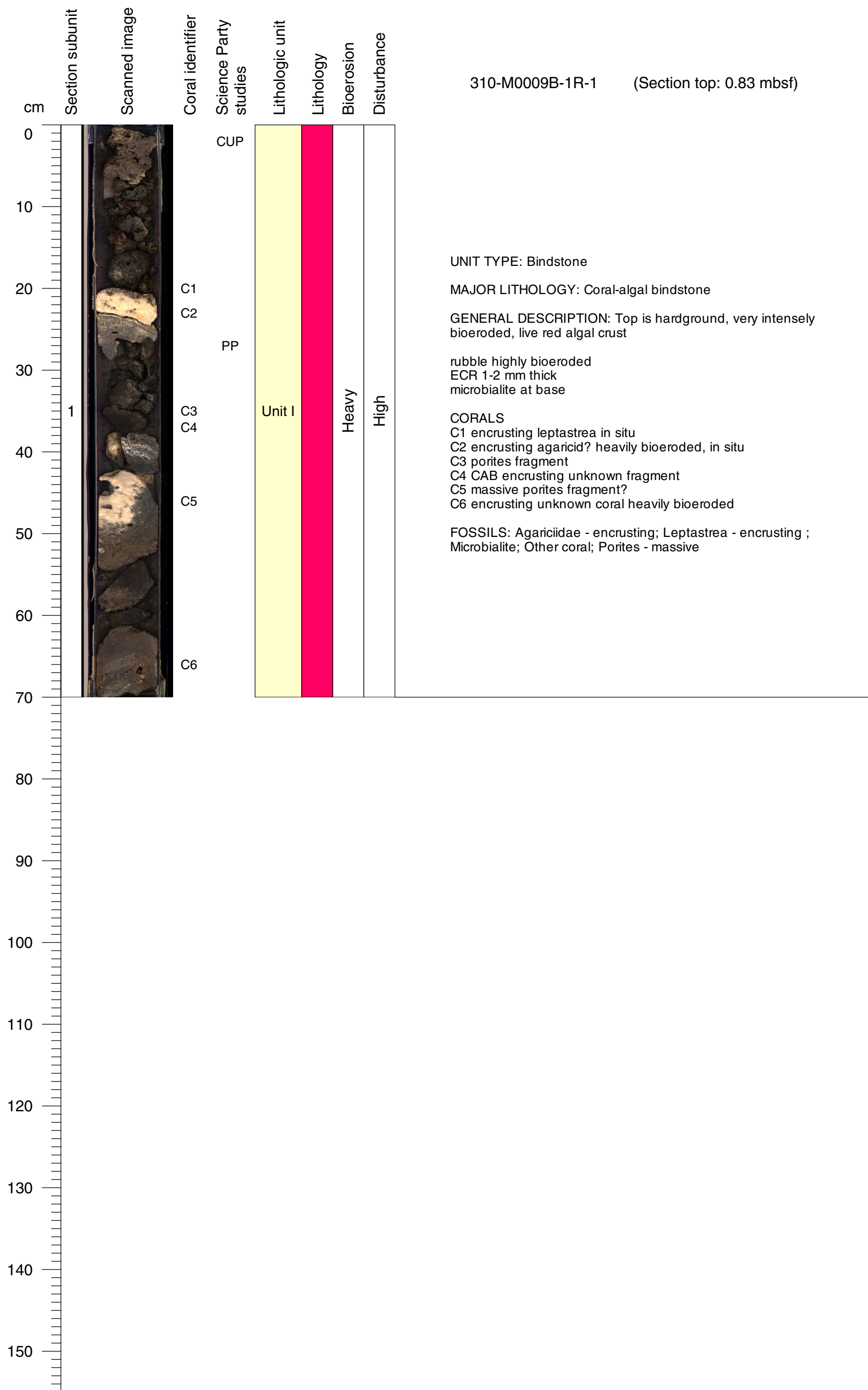


Core Photo



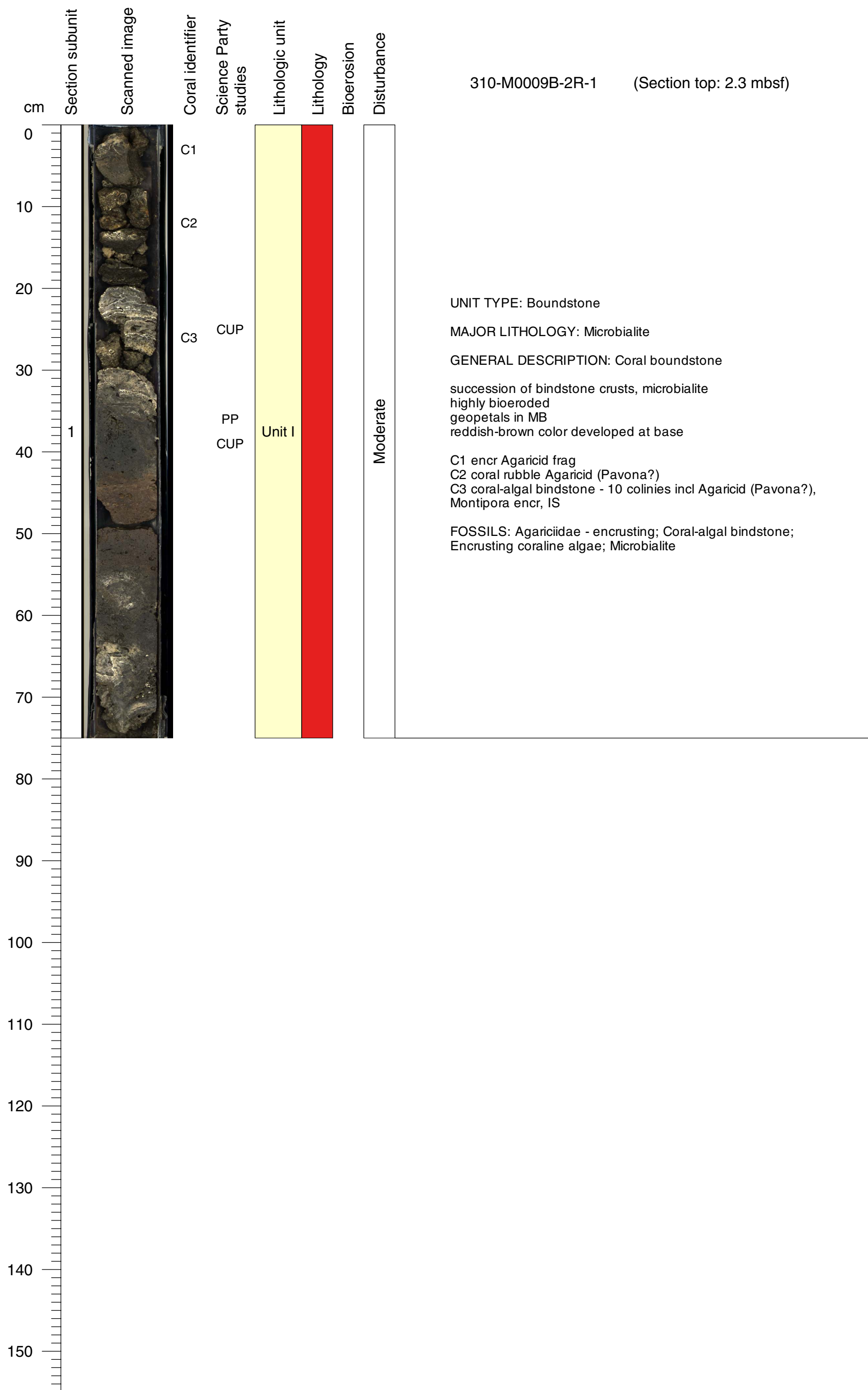
Core Photo

310-M0009B-1R-1 (Section top: 0.83 mbsf)

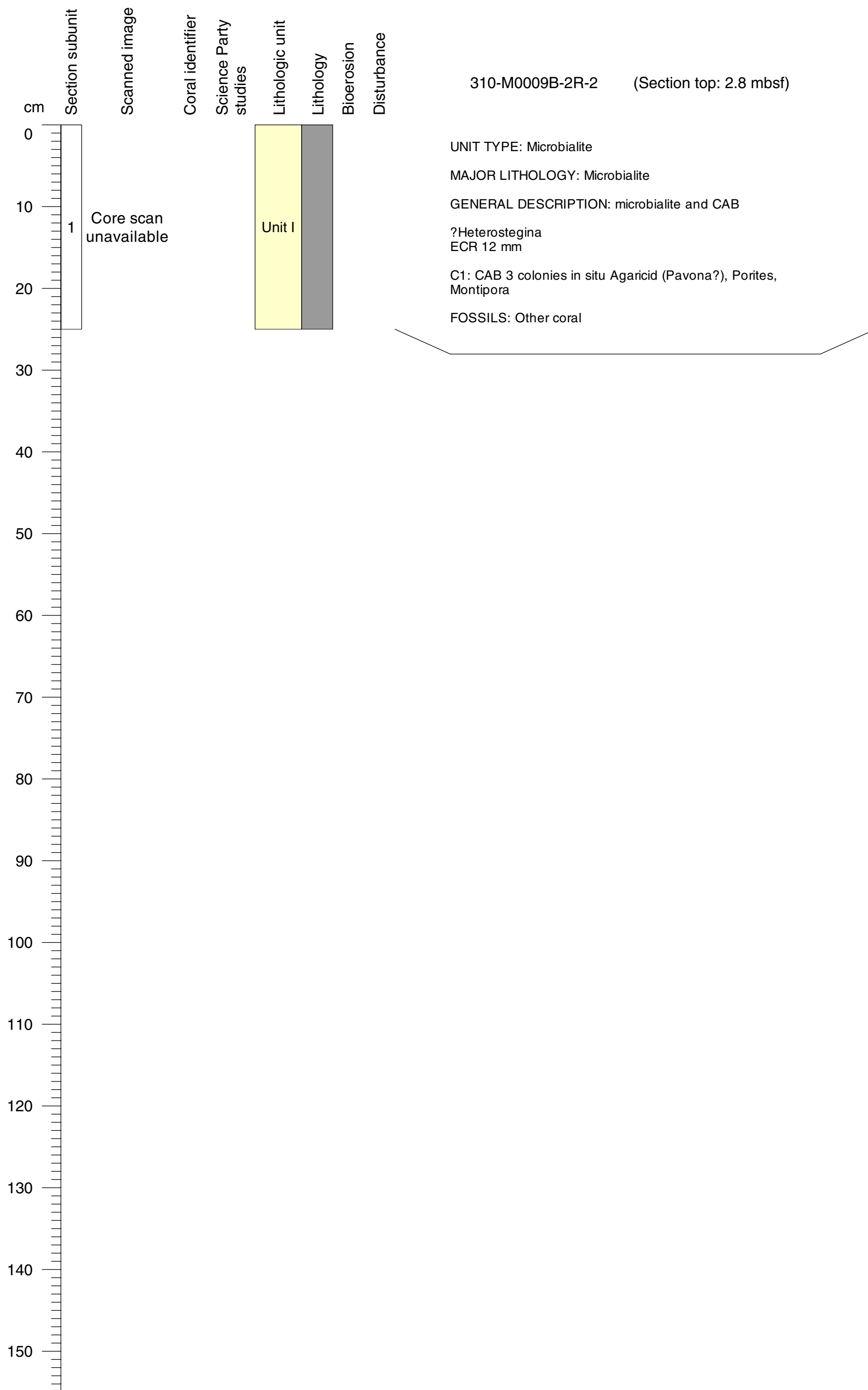


Core Photo

310-M0009B-2R-1 (Section top: 2.3 mbsf)

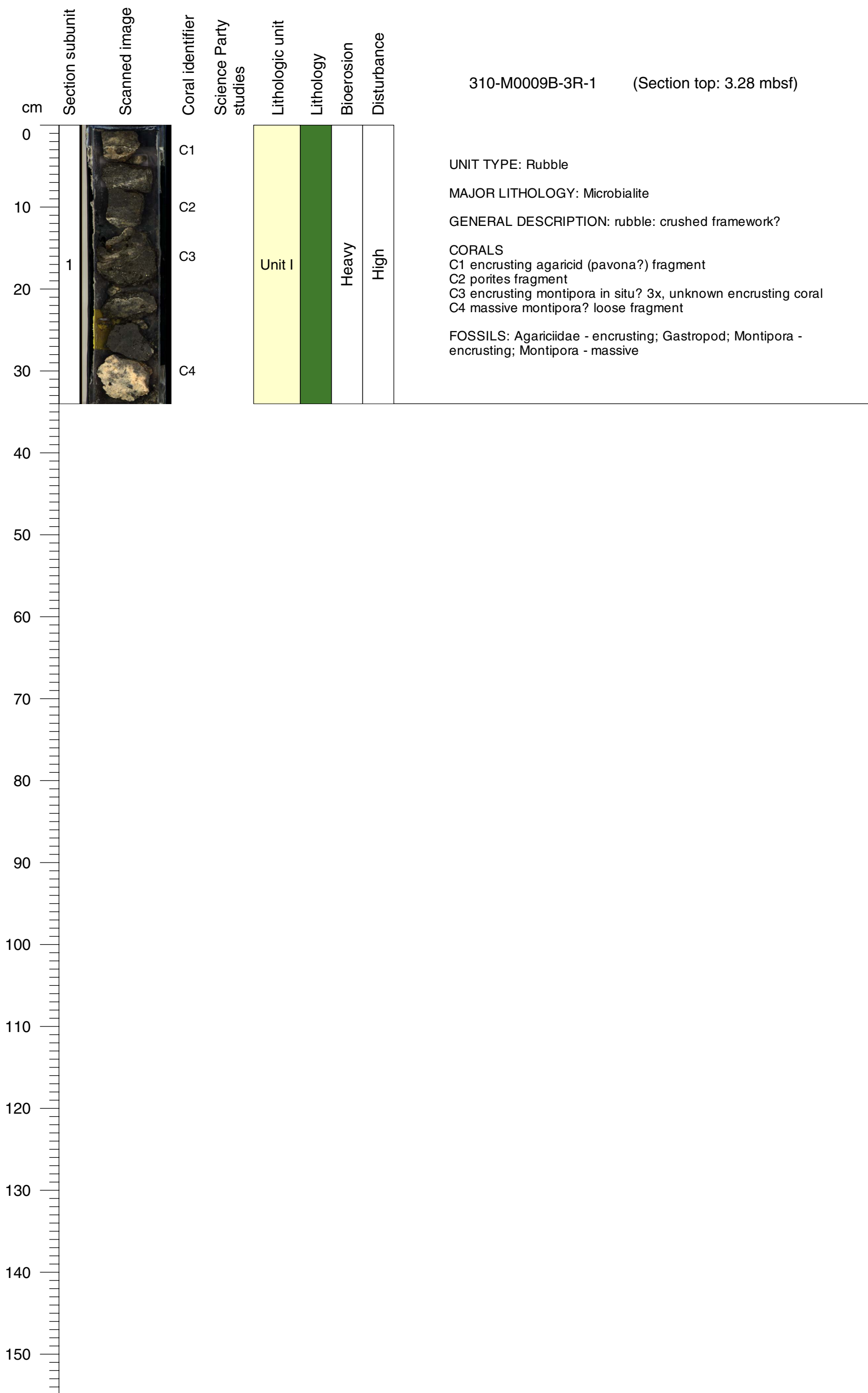


Core Photo

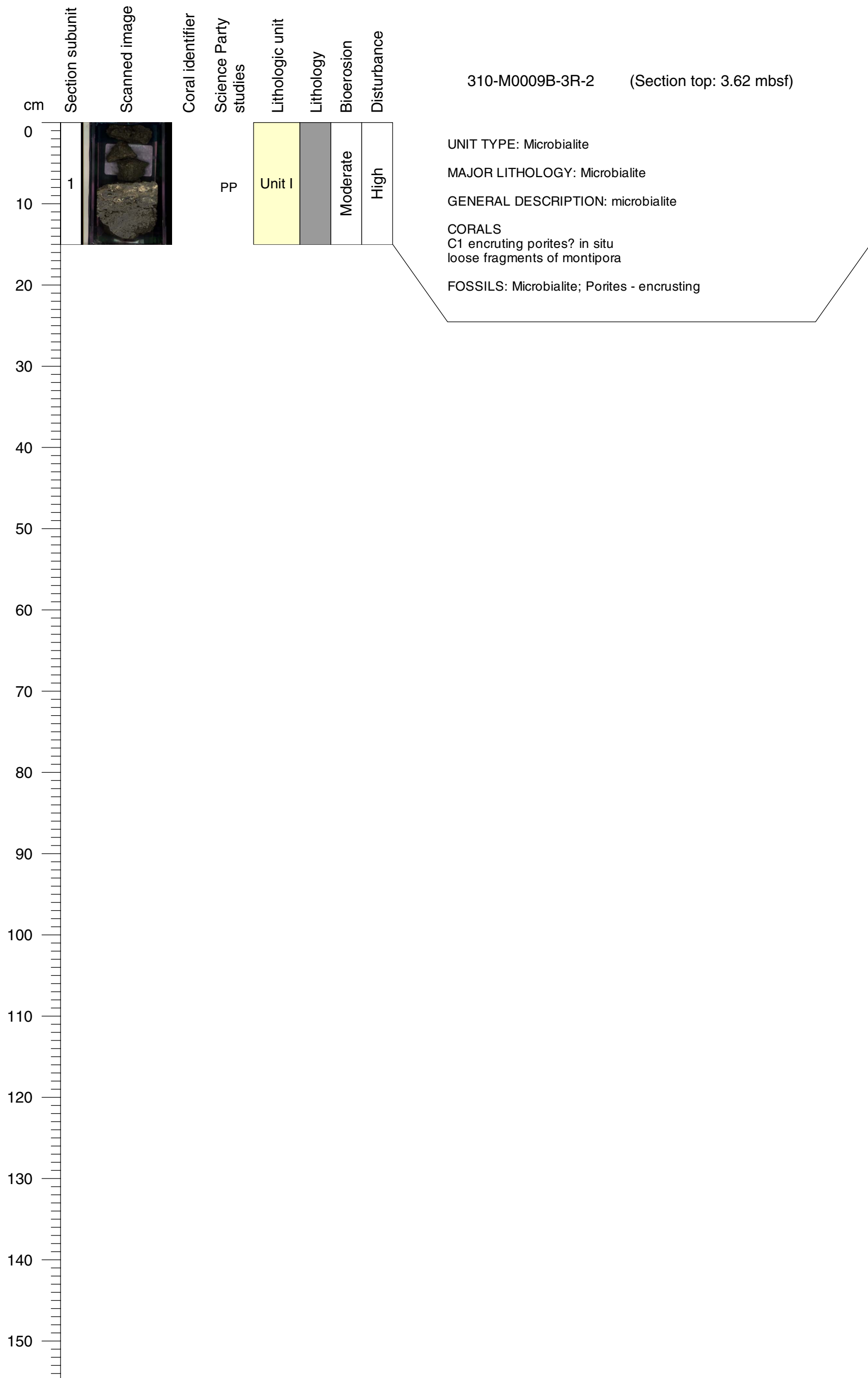


Core Photo

310-M0009B-3R-1 (Section top: 3.28 mbsf)

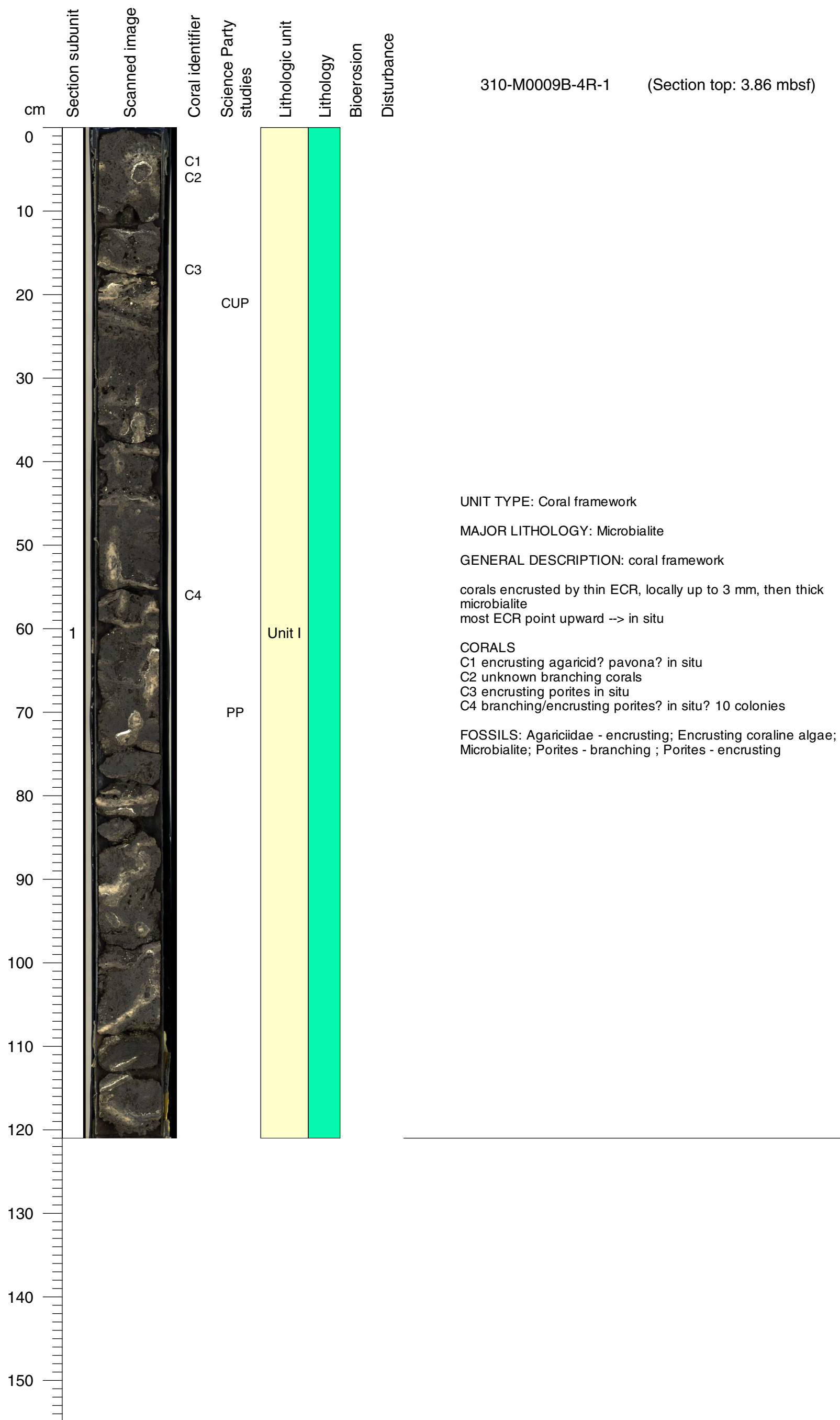


Core Photo

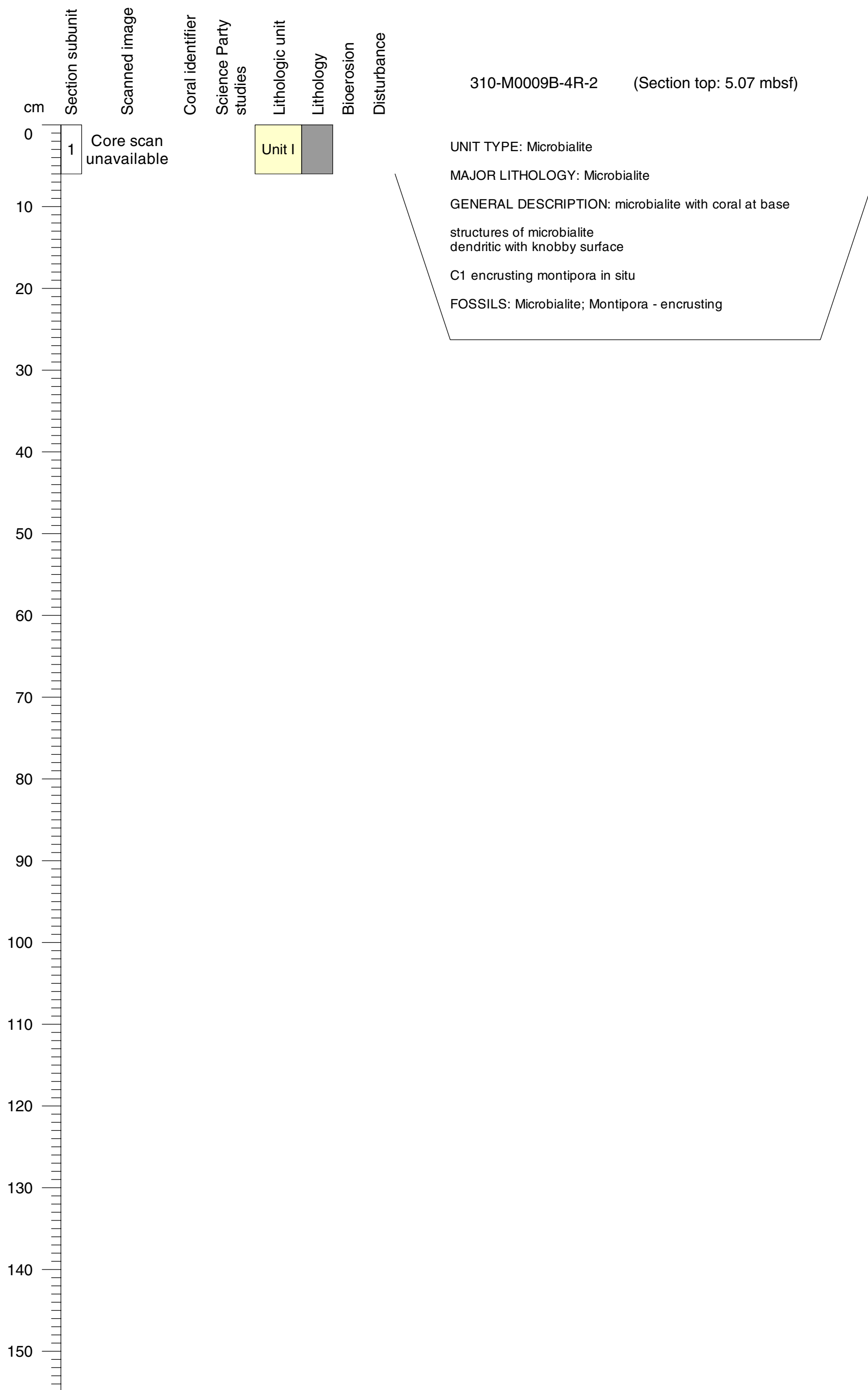


Core Photo

310-M0009B-4R-1 (Section top: 3.86 mbsf)

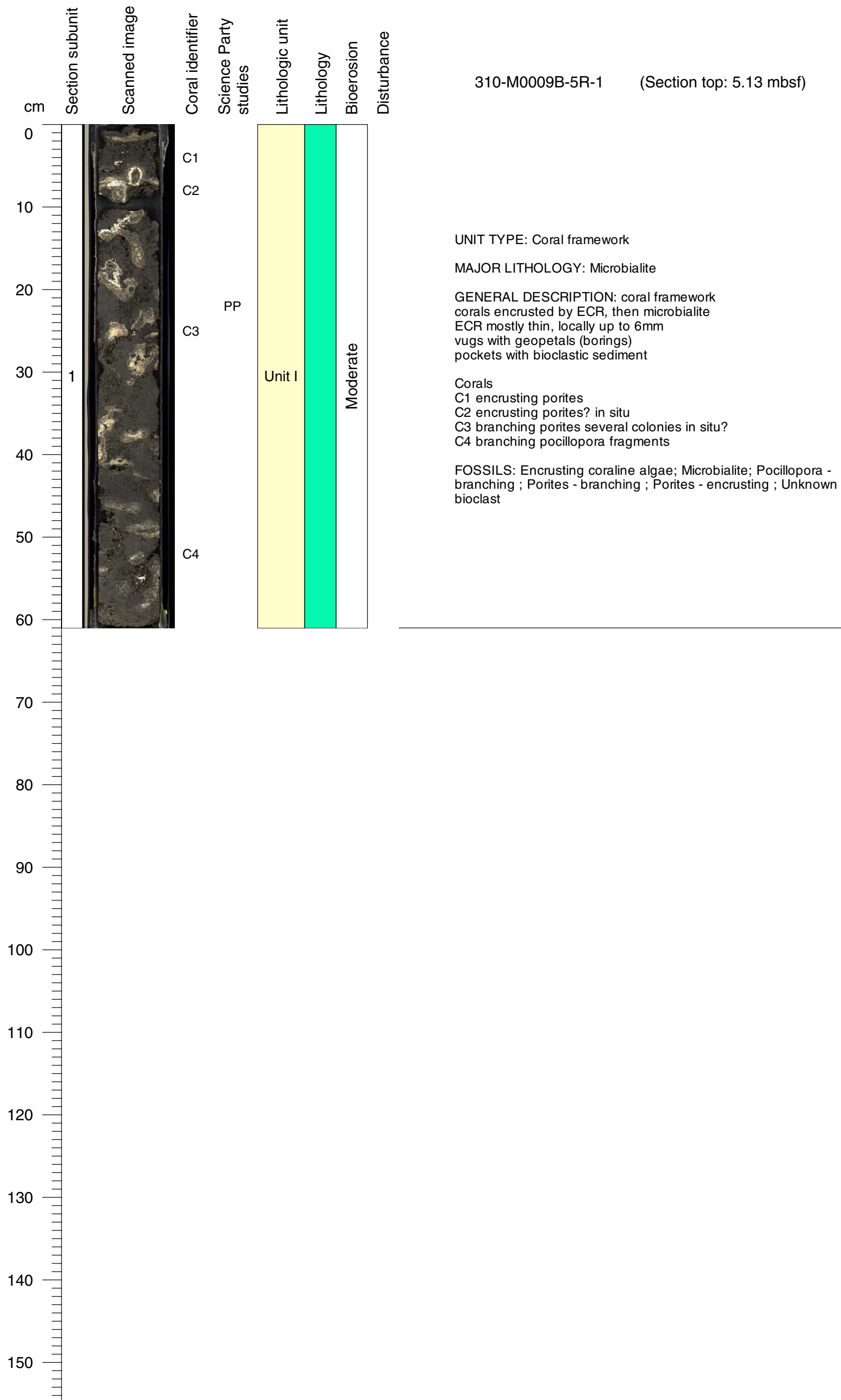


Core Photo

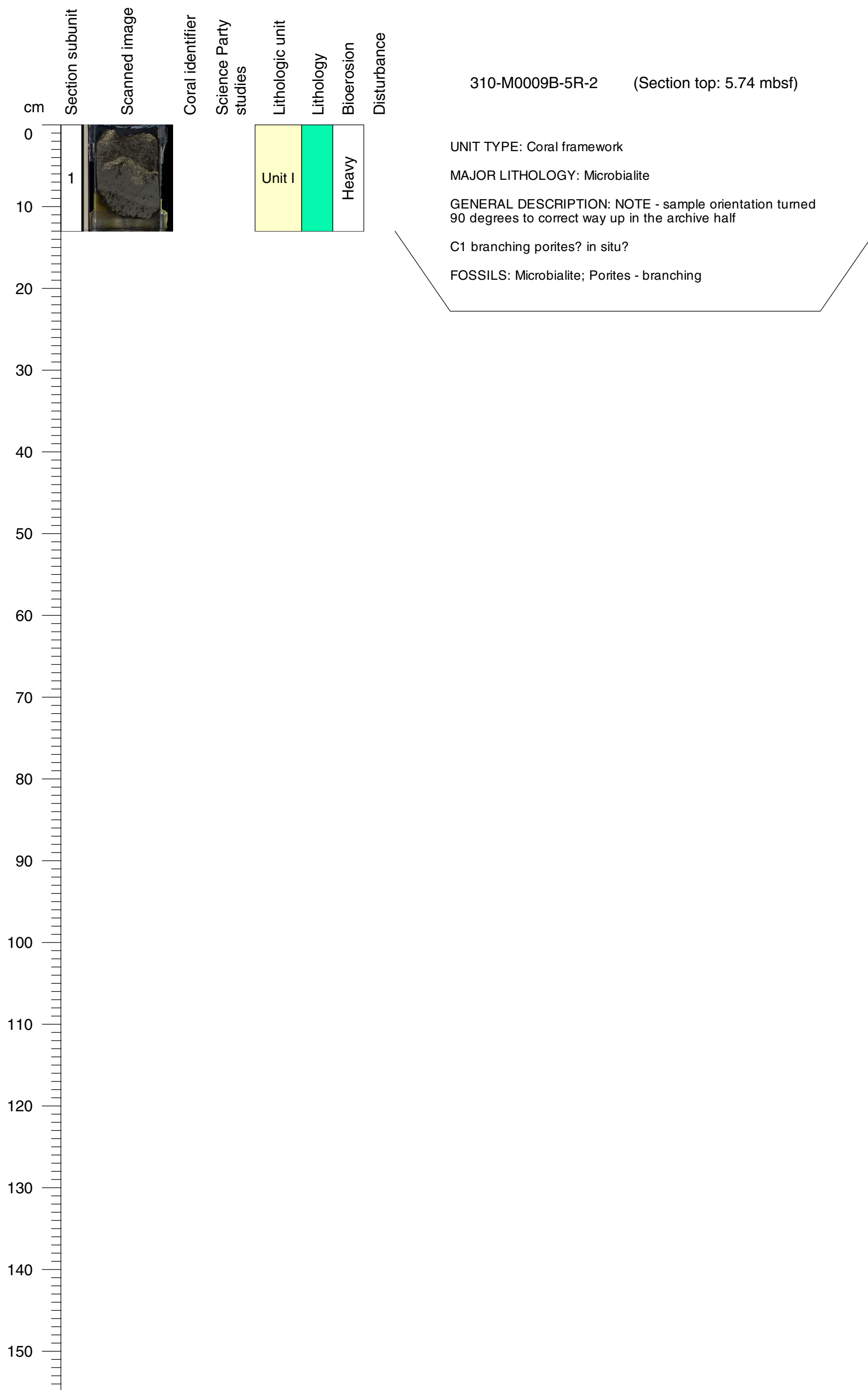


Core Photo

310-M0009B-5R-1 (Section top: 5.13 mbsf)

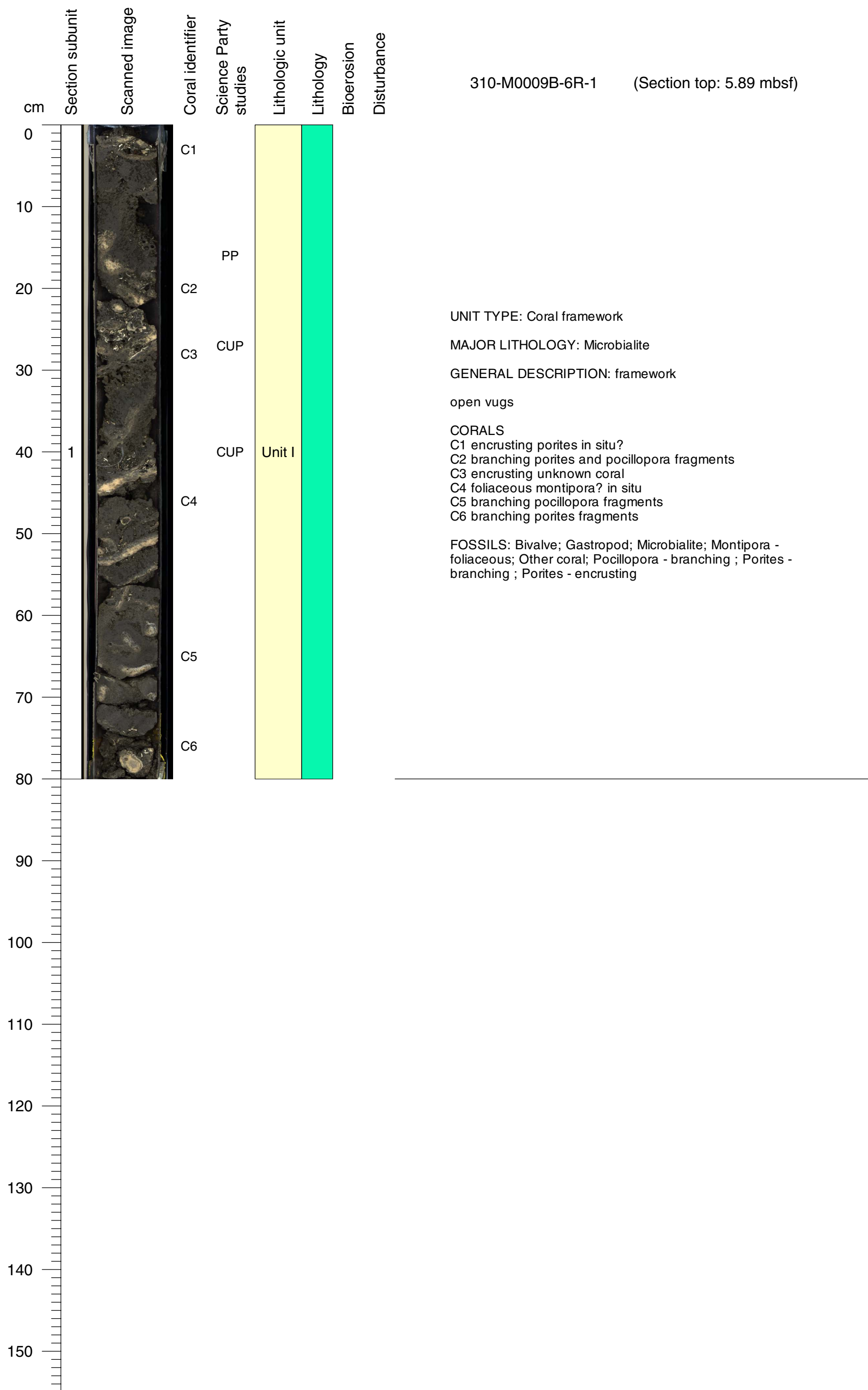


Core Photo

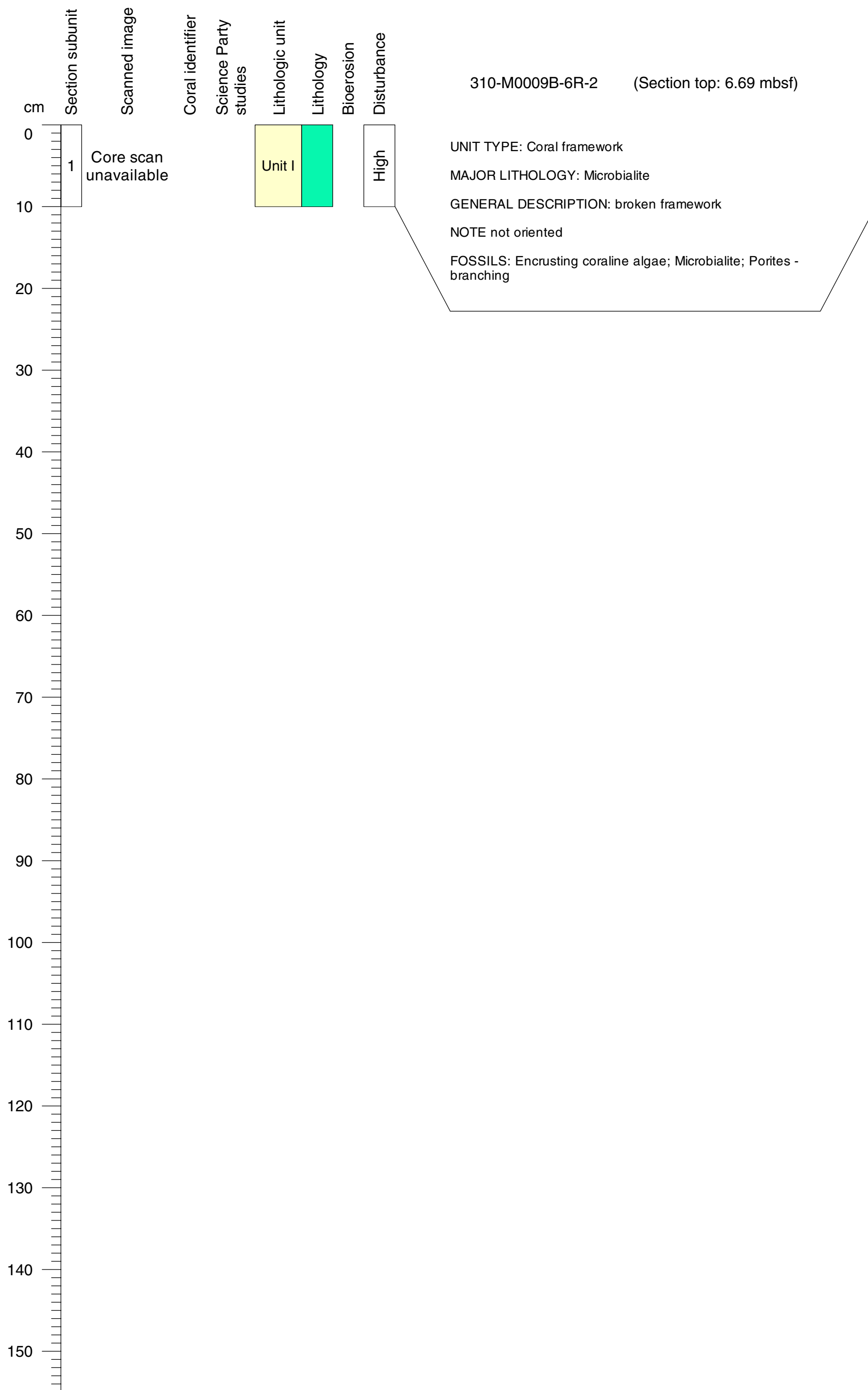


Core Photo

310-M0009B-6R-1 (Section top: 5.89 mbsf)

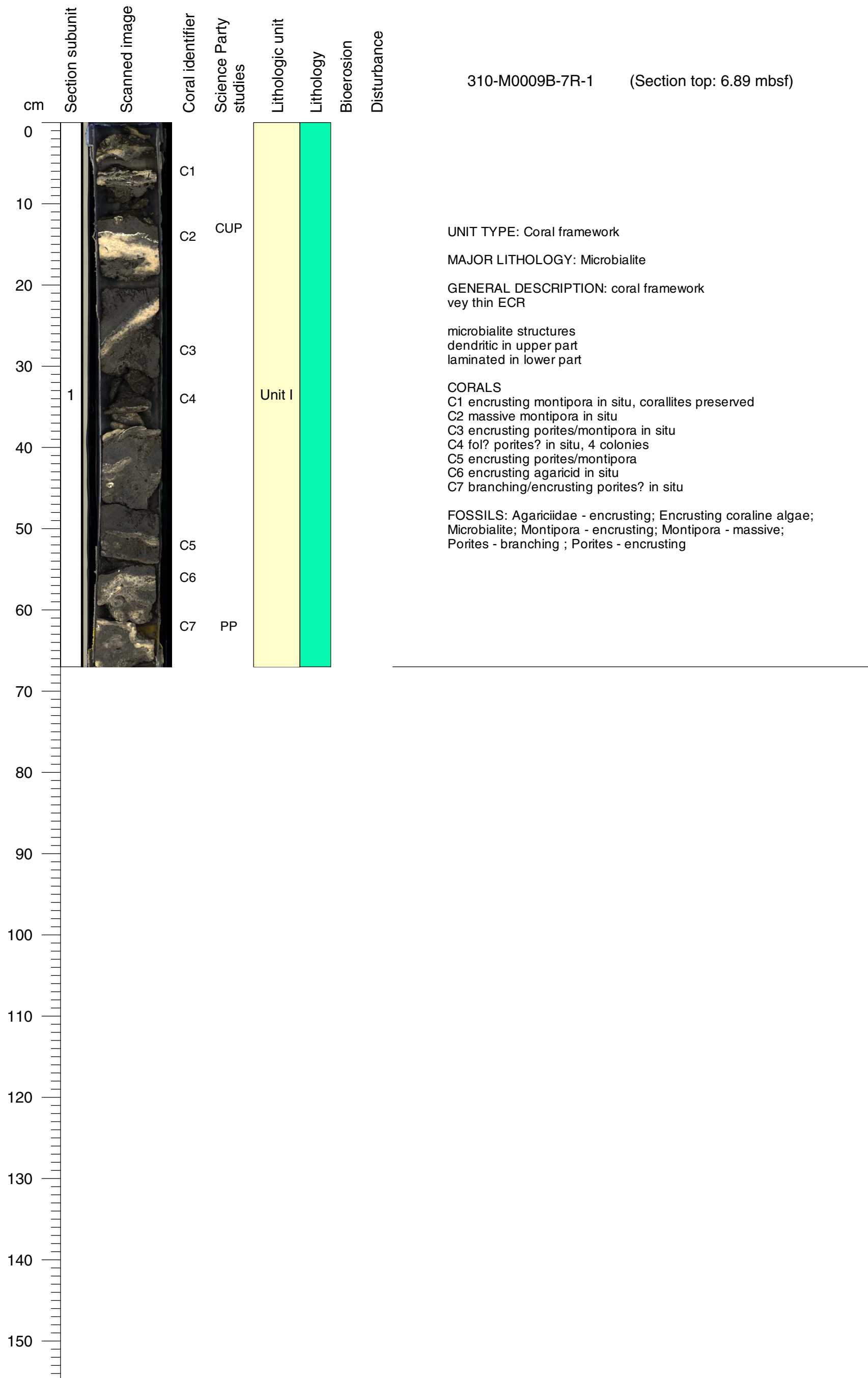


Core Photo

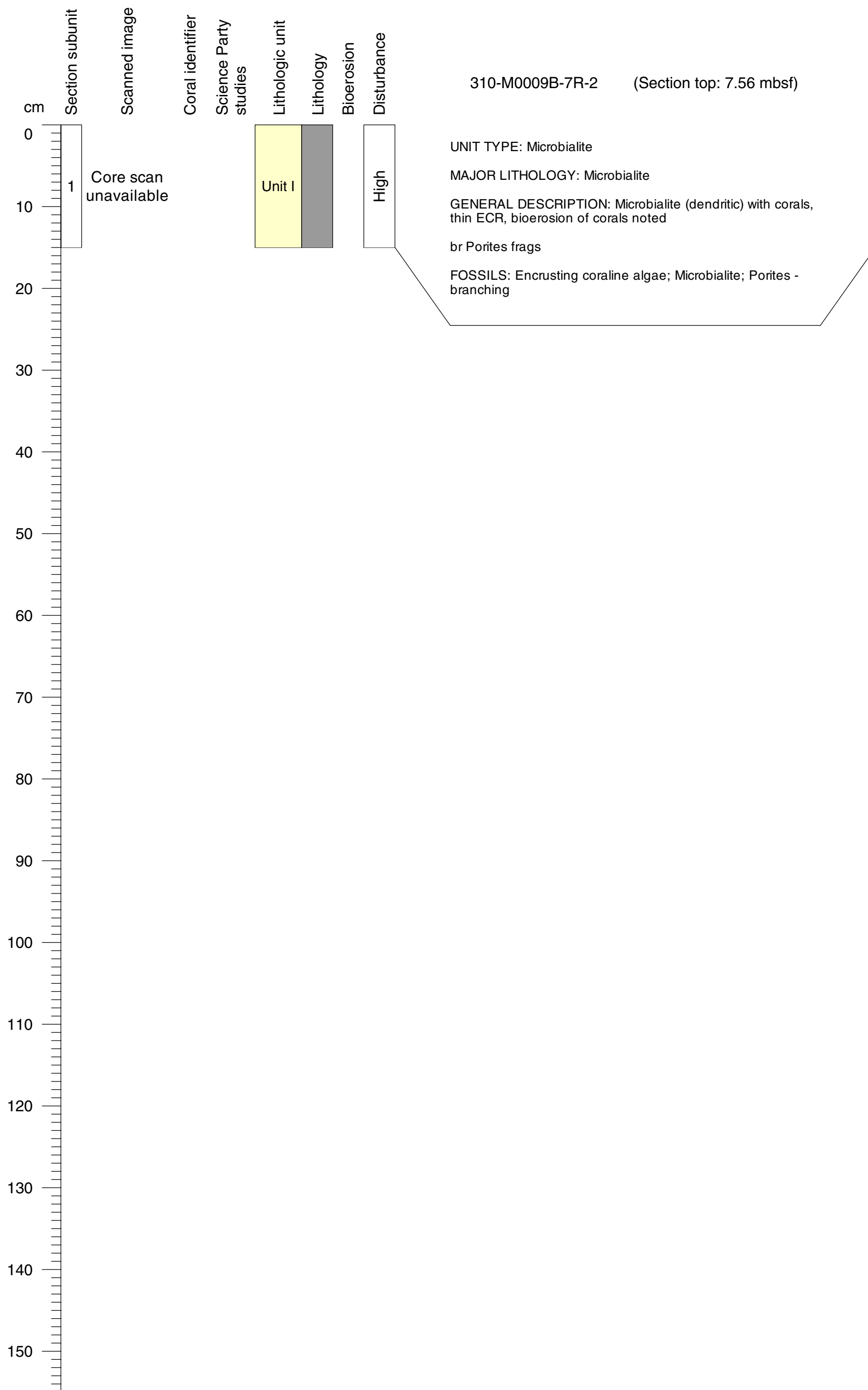


Core Photo

310-M0009B-7R-1 (Section top: 6.89 mbsf)

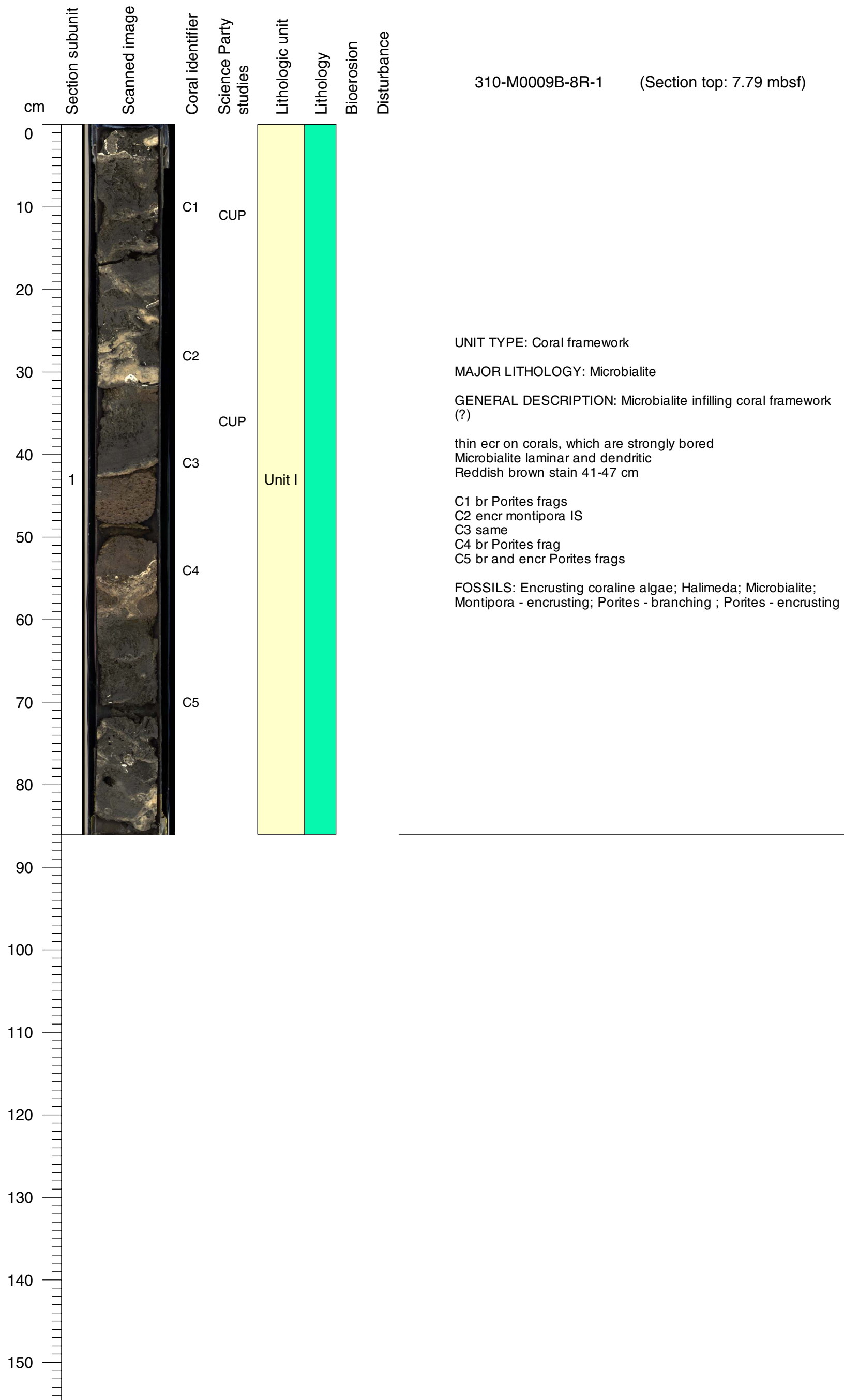


Core Photo

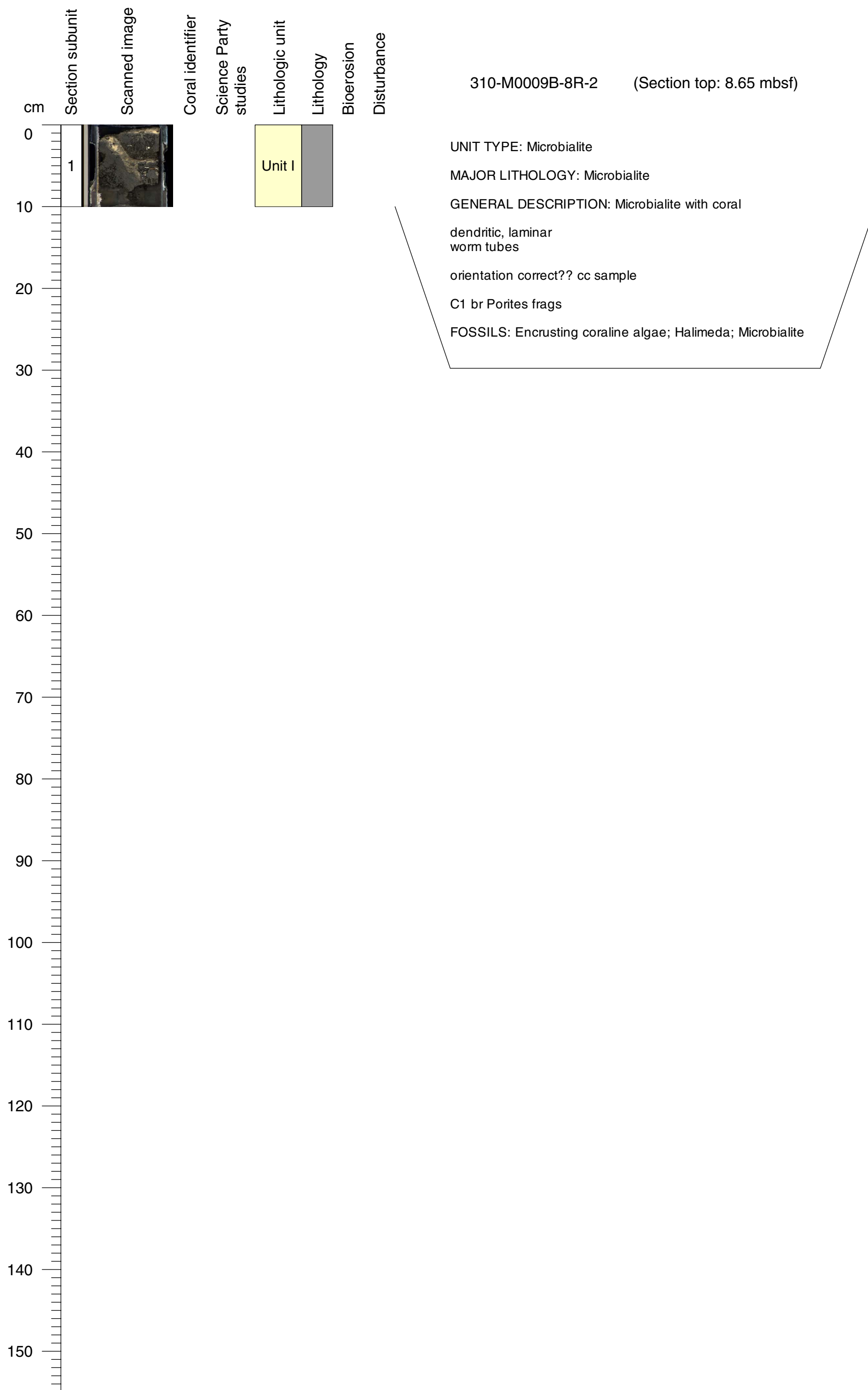


Core Photo

310-M0009B-8R-1 (Section top: 7.79 mbsf)

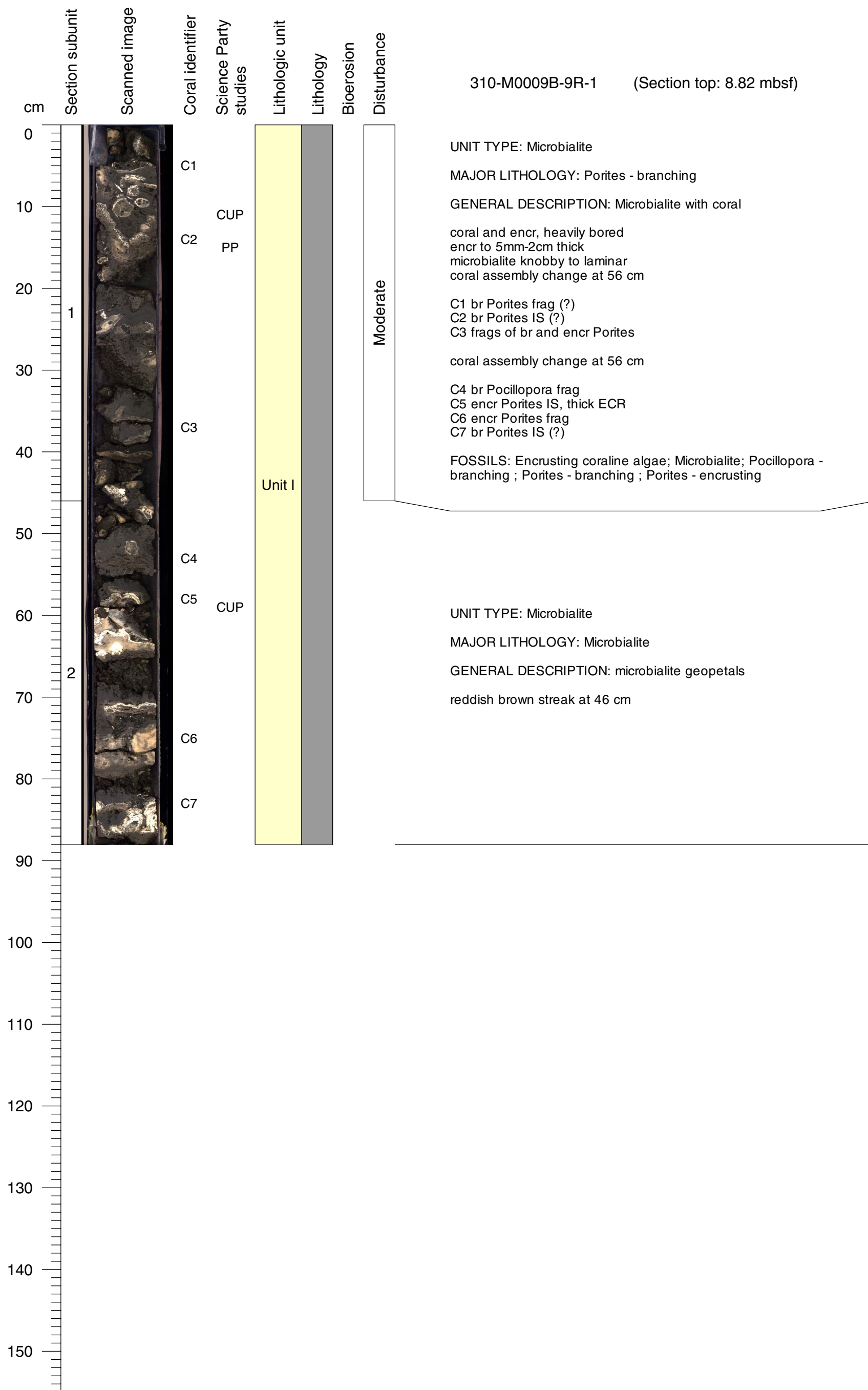


Core Photo

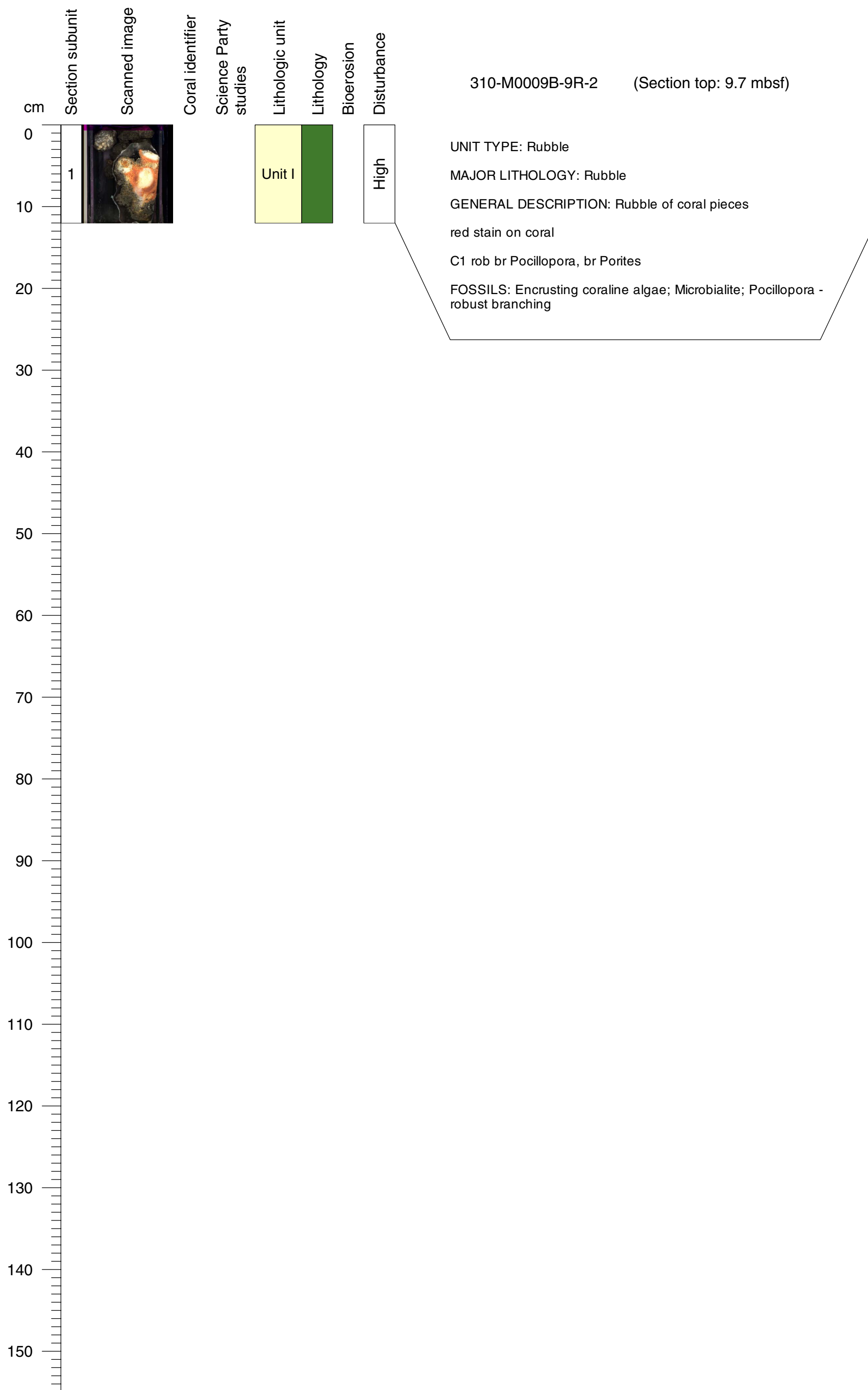


Core Photo

310-M0009B-9R-1 (Section top: 8.82 mbsf)

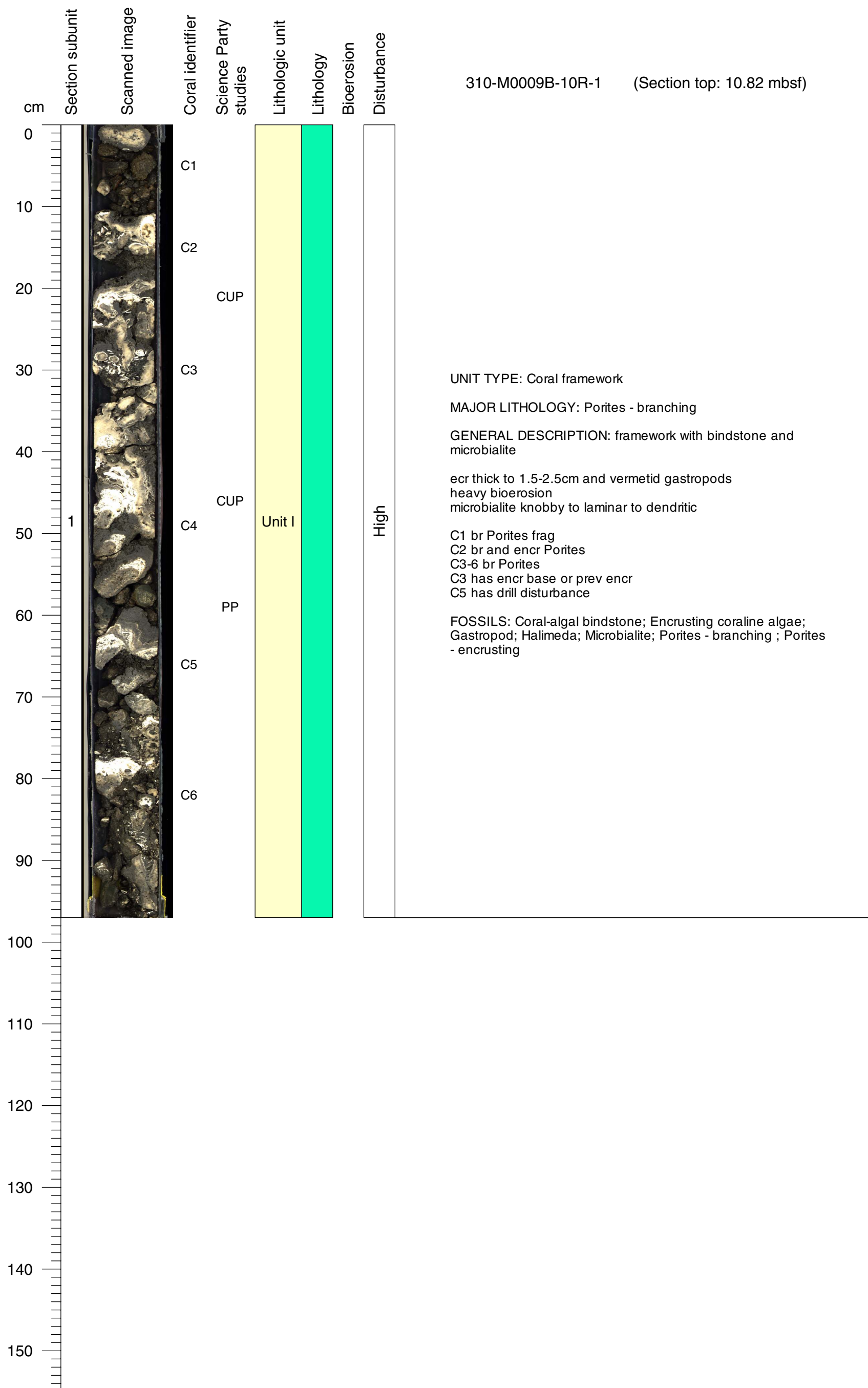


Core Photo

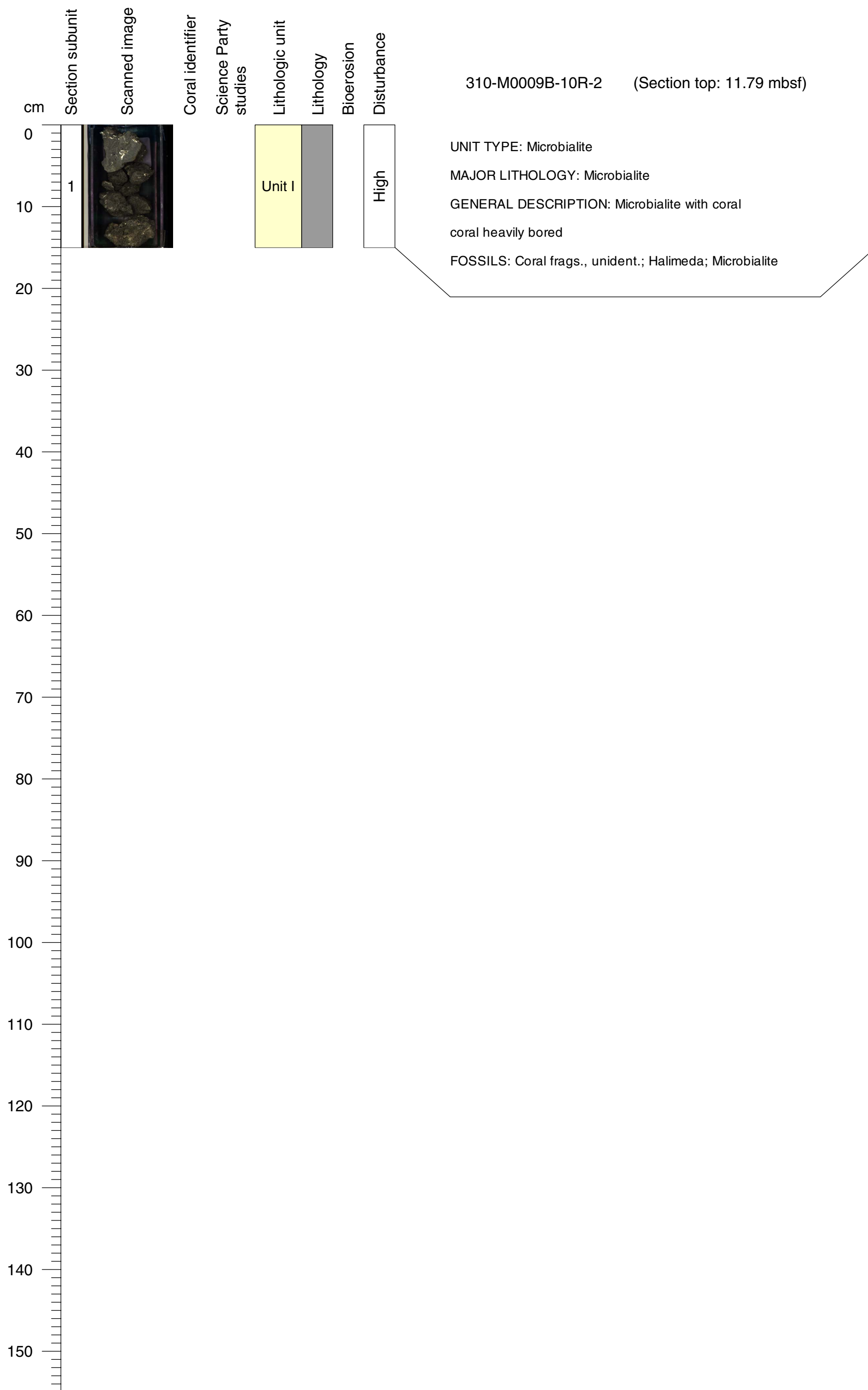


Core Photo

310-M0009B-10R-1 (Section top: 10.82 mbsf)

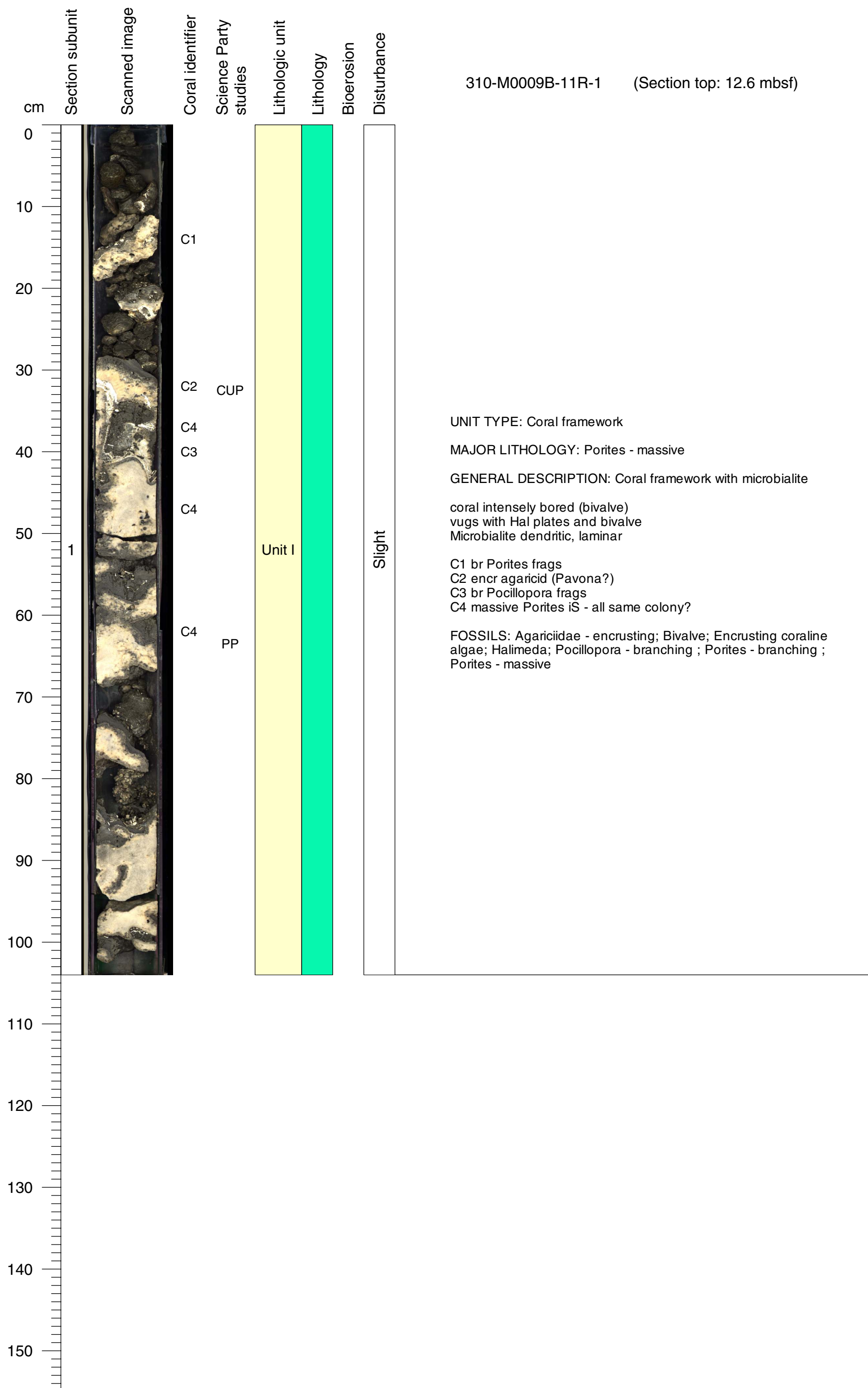


Core Photo

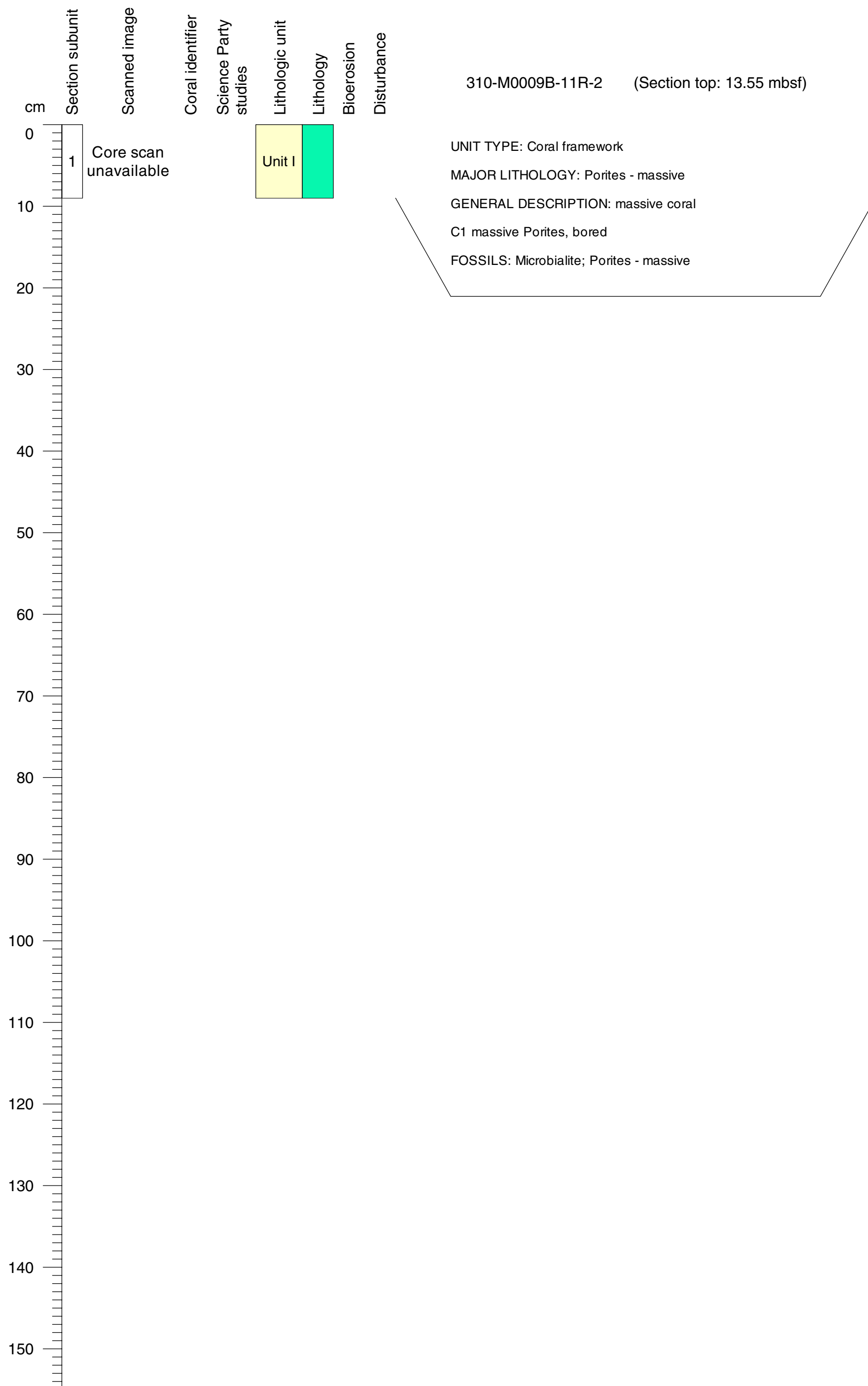


Core Photo

310-M0009B-11R-1 (Section top: 12.6 mbsf)

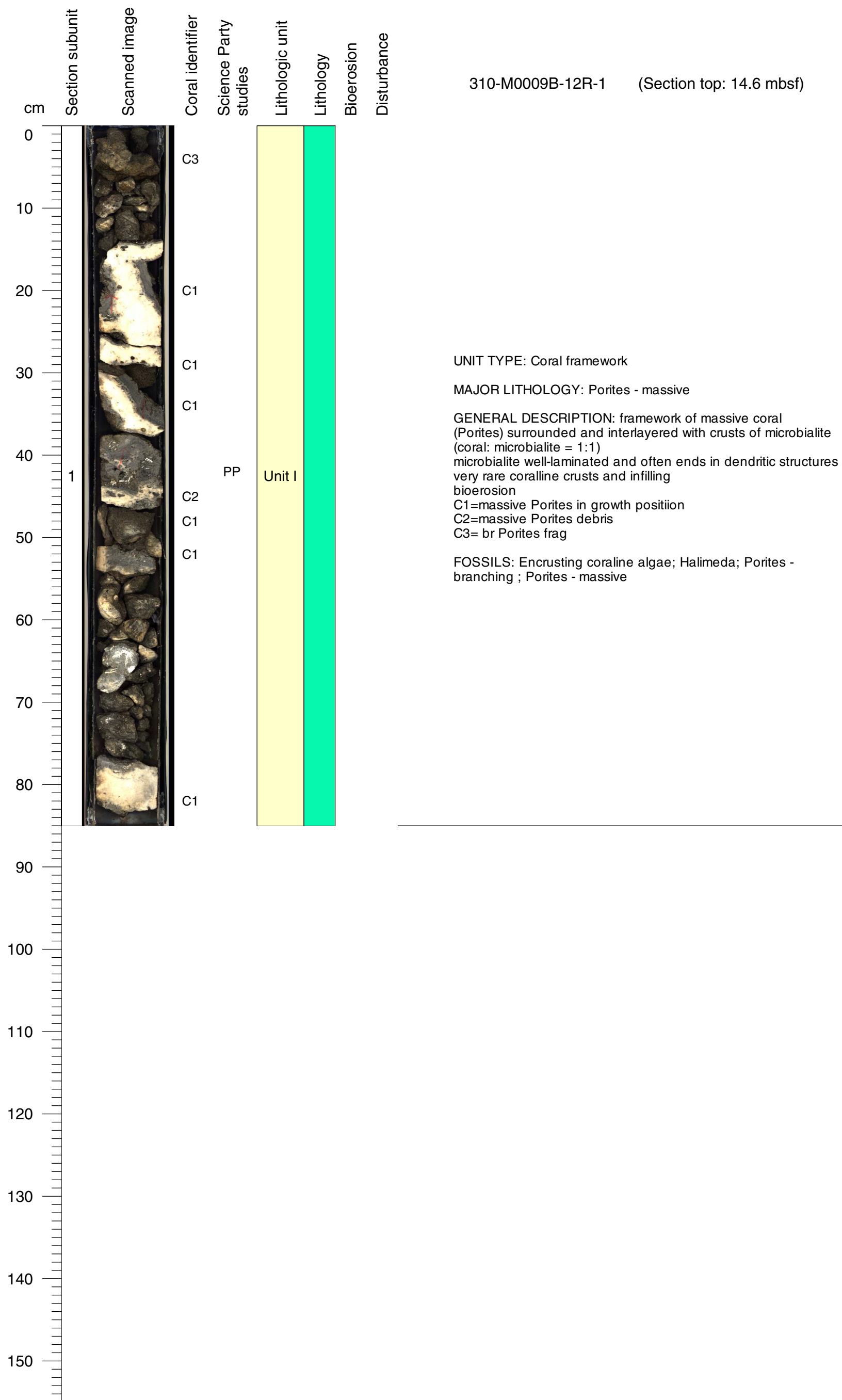


Core Photo

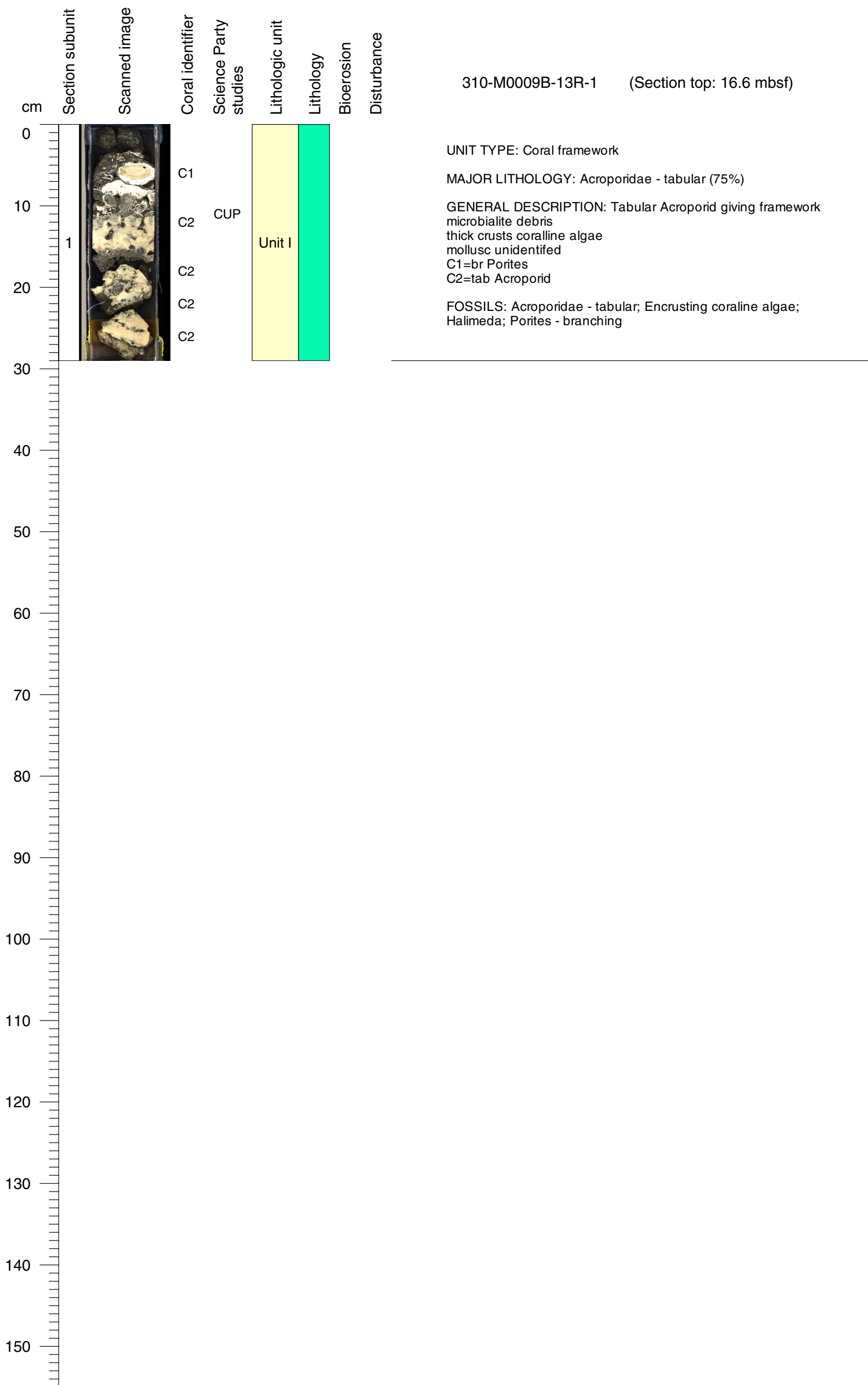


Core Photo

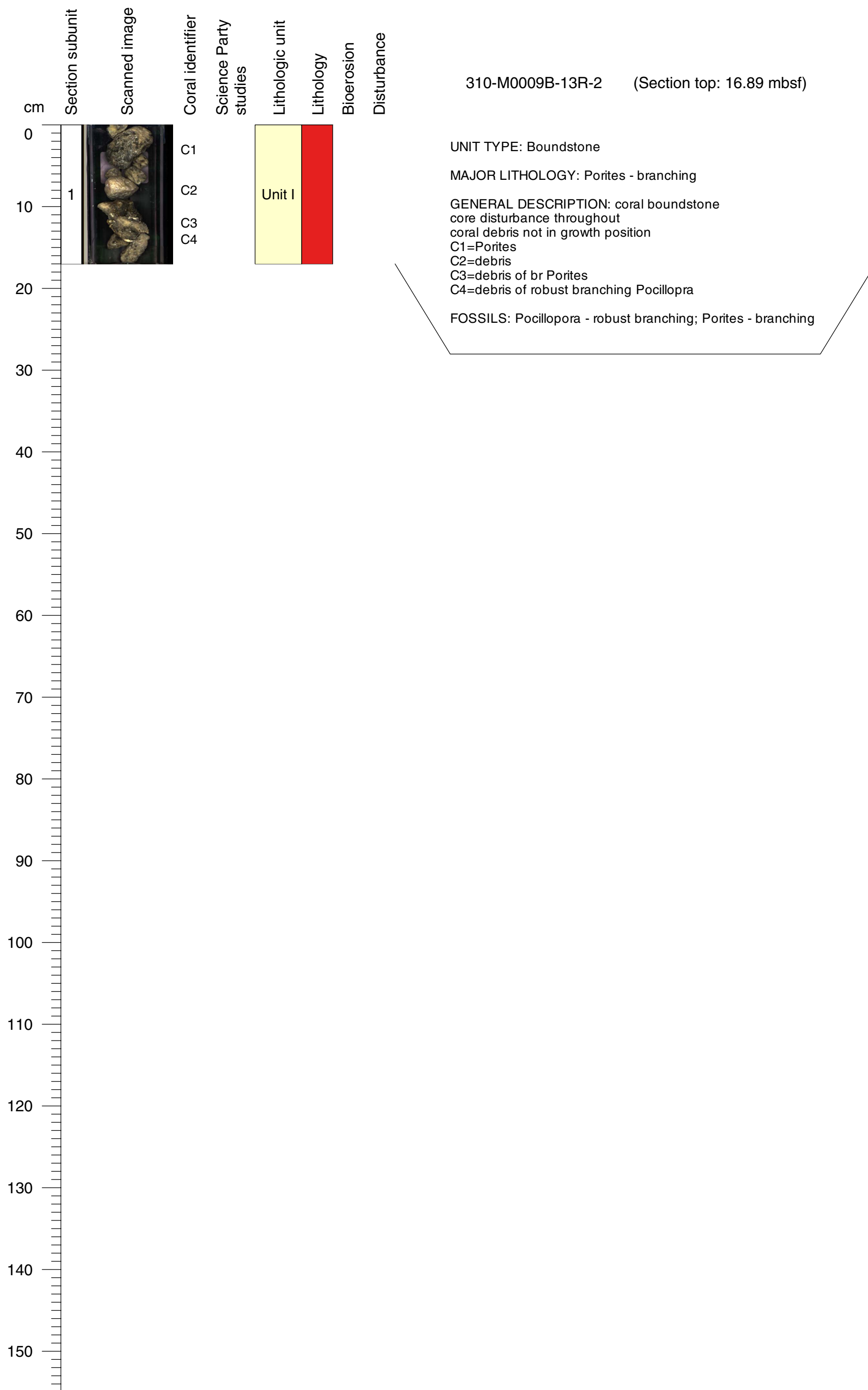
310-M0009B-12R-1 (Section top: 14.6 mbsf)



Core Photo

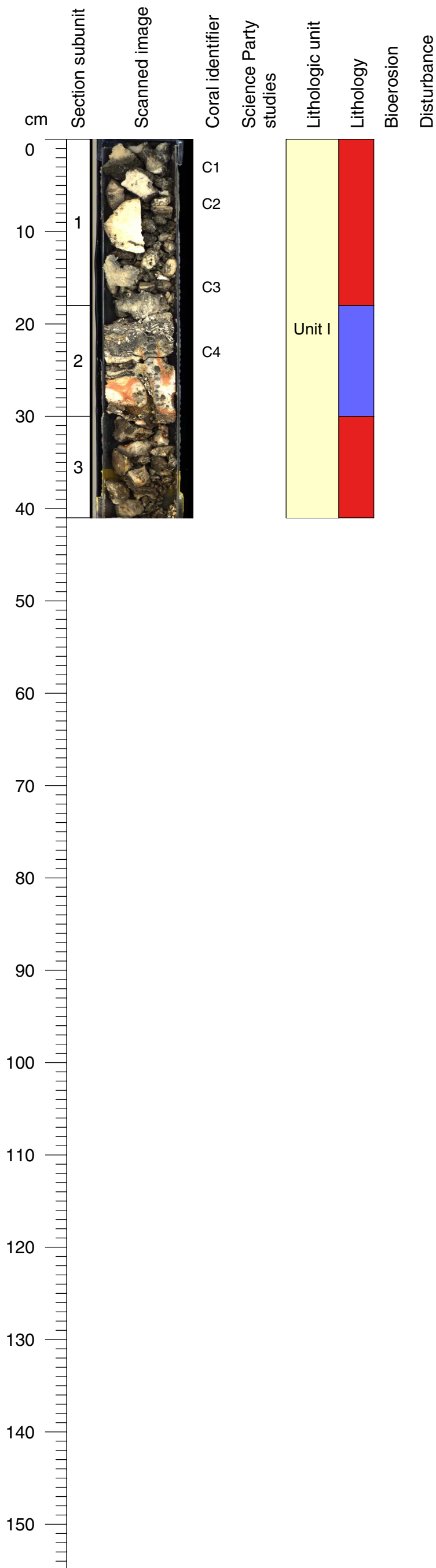


Core Photo



Core Photo

310-M0009B-14R-1 (Section top: 18.6 mbsf)



UNIT TYPE: Boundstone

MAJOR LITHOLOGY: Porites - massive

GENERAL DESCRIPTION: boundstone debris of coral (dominant) and crusts of microbialite (less abundant)

C1= debris of robust br Pocillopora

C2=debris of massive Porites

core disturbance throughout

C3=debris of acroporid

FOSSILS: Acroporidae - branching; Pocillopora - robust branching; Porites - massive

UNIT TYPE: Wakestone

MAJOR LITHOLOGY: Pocillopora - robust branching

GENERAL DESCRIPTION: Halomeda dominated wakestone with robust br Pocillopora in growth position

FOSSILS: Pocillopora - robust branching

UNIT TYPE: Boundstone

MAJOR LITHOLOGY: Pocillopora - robust branching

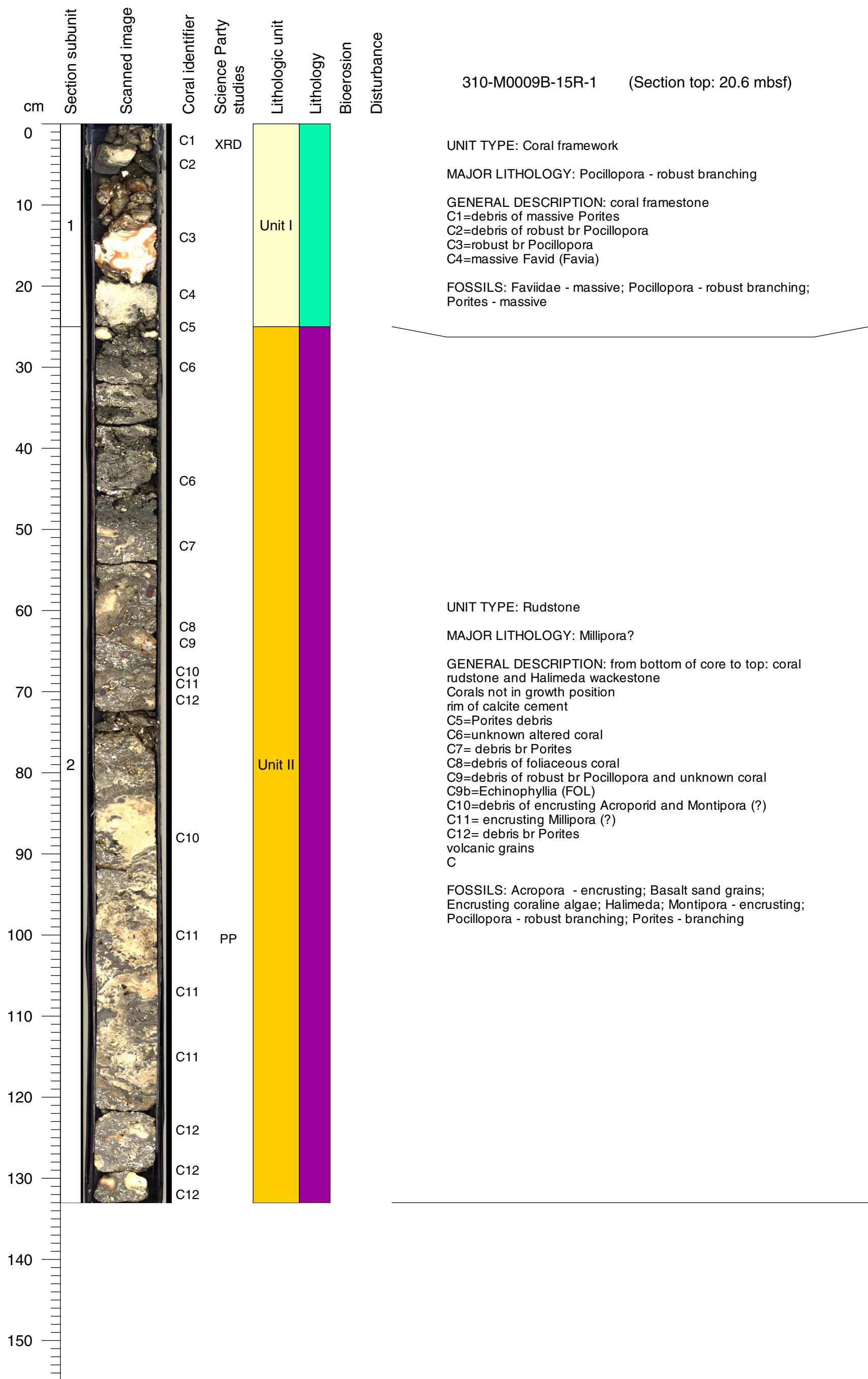
GENERAL DESCRIPTION: debris of Robust br Pocillopora in growth position described as boundstone core disturbance throughout

FOSSILS: Pocillopora - robust branching

Core Photo

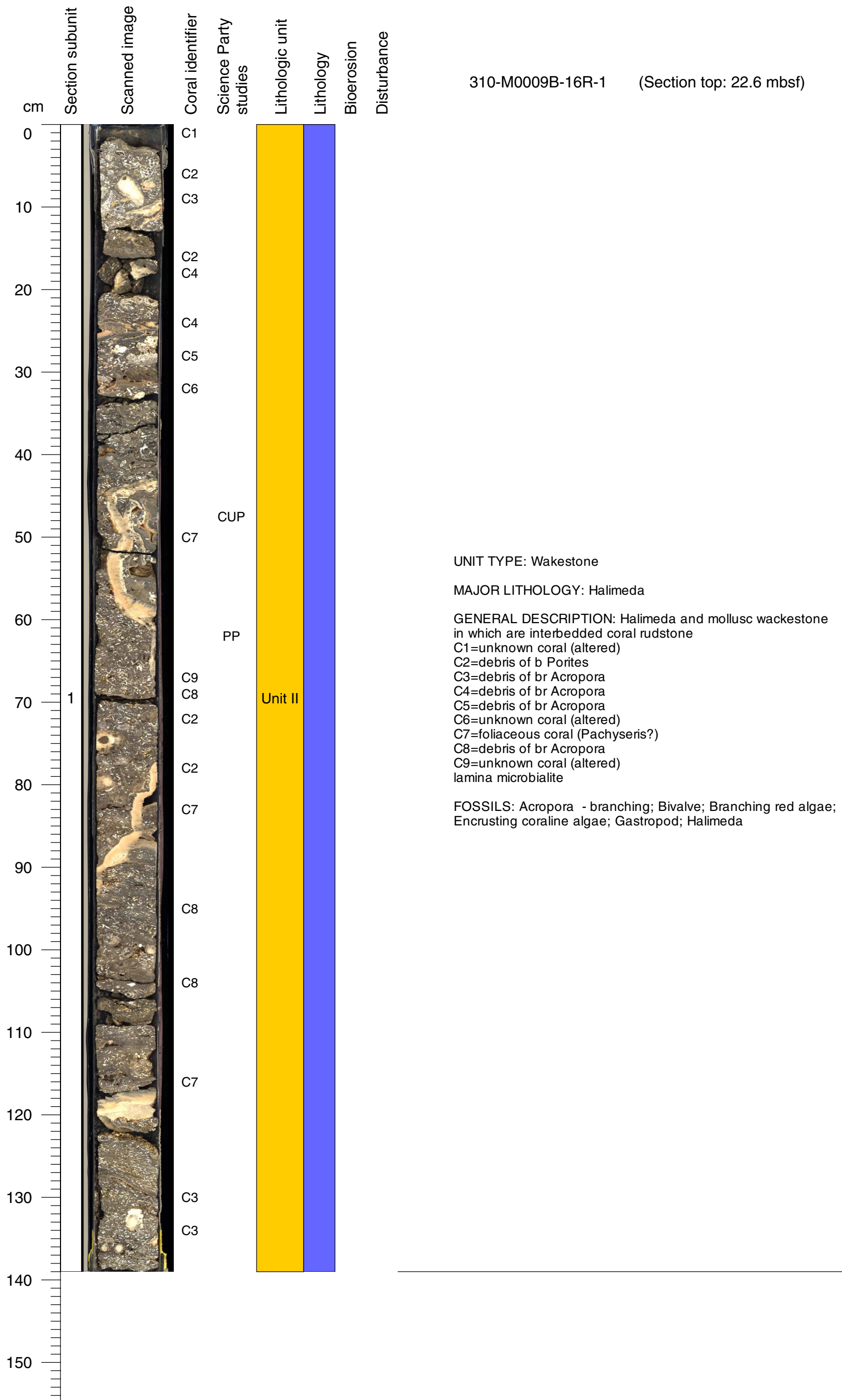


Core Photo



Core Photo

310-M0009B-16R-1 (Section top: 22.6 mbsf)



UNIT TYPE: Wakestone

MAJOR LITHOLOGY: Halimeda

GENERAL DESCRIPTION: Halimeda and mollusc wackestone in which are interbedded coral rudstone

- C1=unknown coral (altered)
- C2=debris of b Porites
- C3=debris of br Acropora
- C4=debris of br Acropora
- C5=debris of br Acropora
- C6=unknown coral (altered)
- C7=foliaceous coral (Pachyseris?)
- C8=debris of br Acropora
- C9=unknown coral (altered)
- lamina microbialite

FOSSILS: Acropora - branching; Bivalve; Branching red algae; Encrusting coralline algae; Gastropod; Halimeda

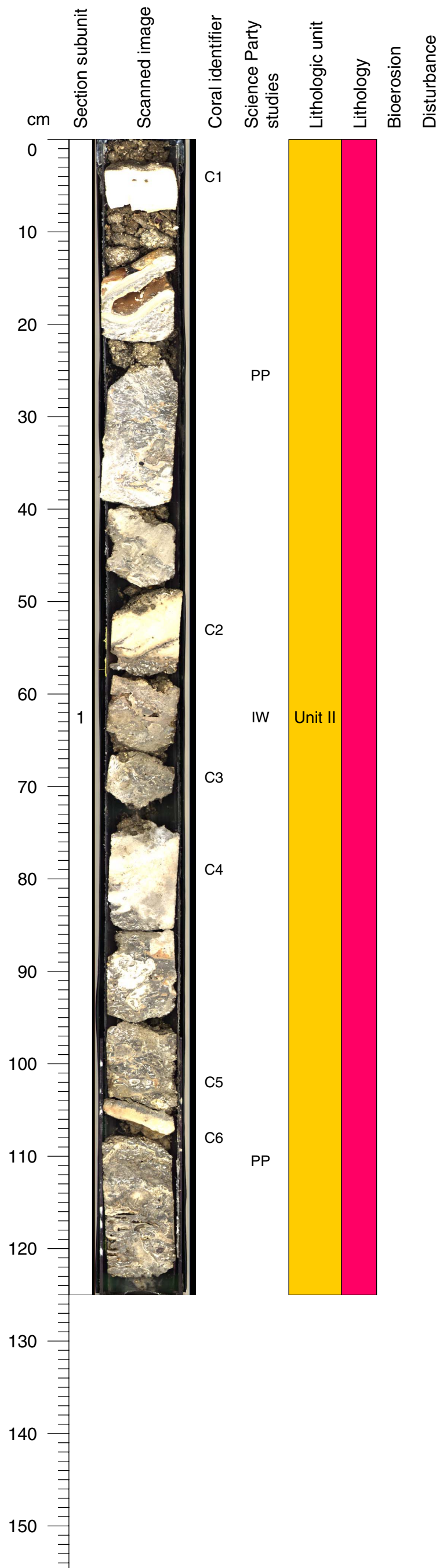


Core Photo



Core Photo

310-M0009B-17R-1 (Section top: 24.12 mbsf)



UNIT TYPE: Bindstone

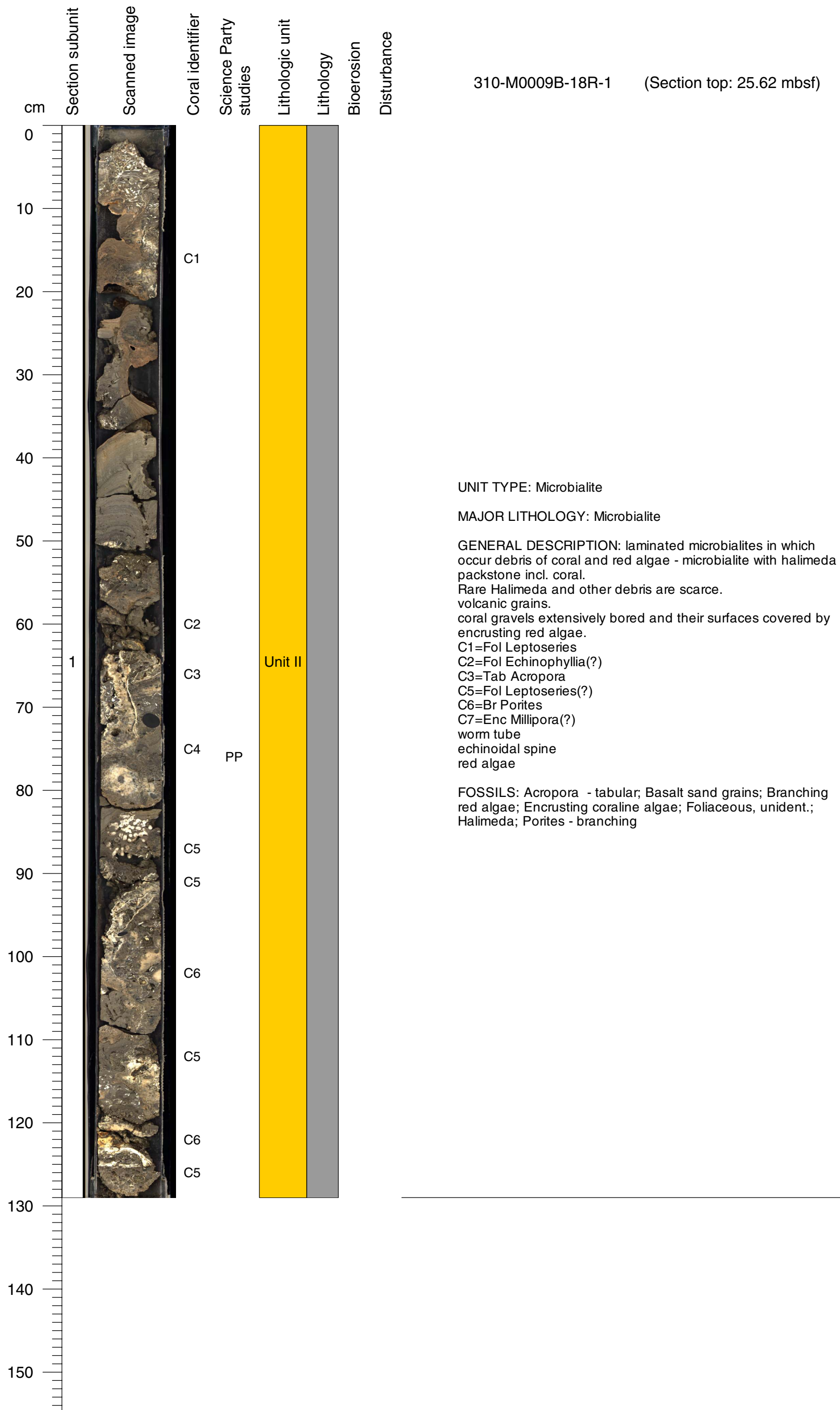
MAJOR LITHOLOGY: Porites - massive

GENERAL DESCRIPTION: Halimeda rudstone and coral bindstone with large chunks coral
 coralline algae
 urchin spines
 worm tubes
 cavity lined with calcite
 C1-massive Porites
 C2-massive Porites
 C3-br Pocillopora
 C4=robust br Acropora
 C5=br Acropora
 C6=FOL Pachyseris

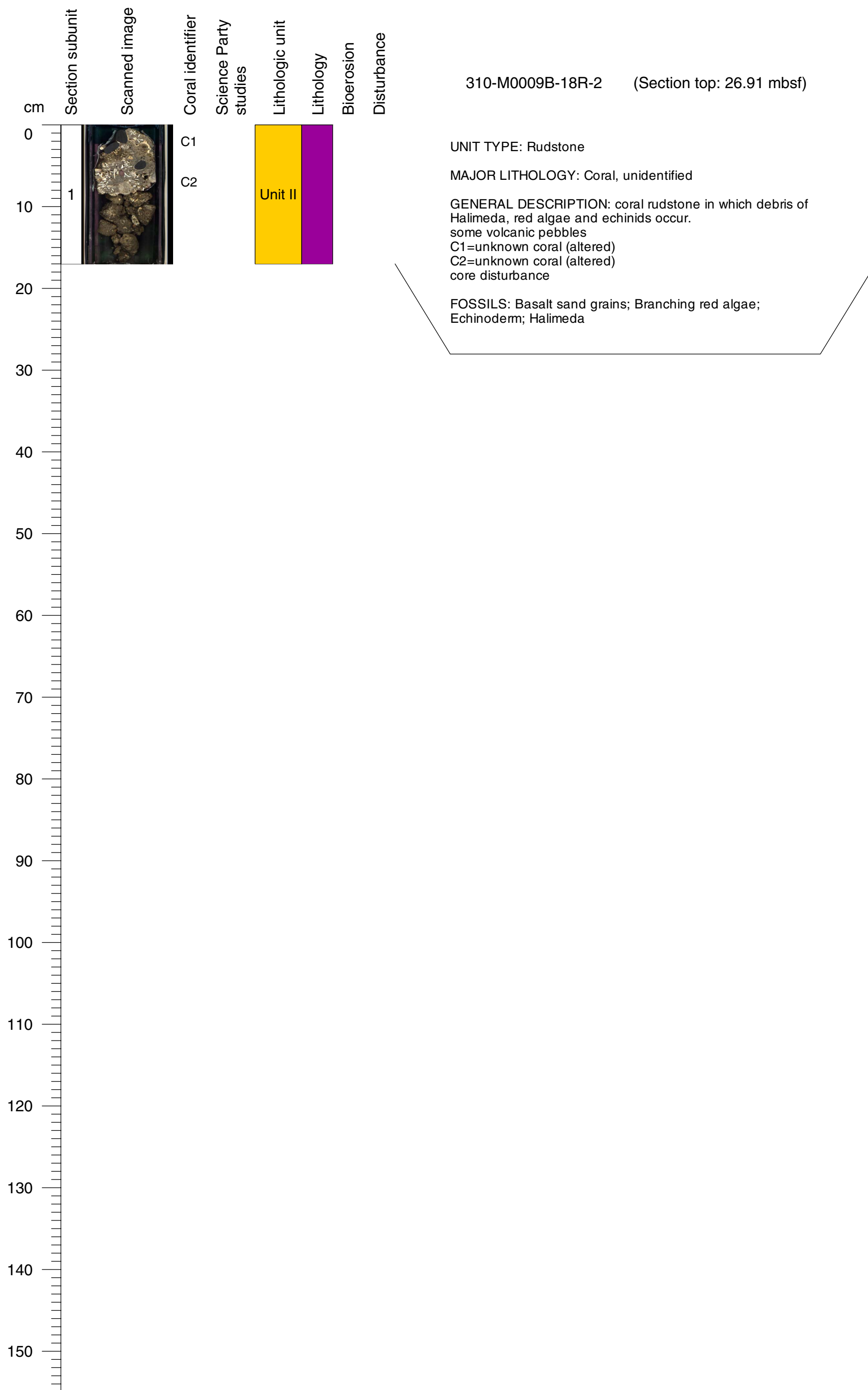
FOSSILS: Acropora - branching; Acropora - robust branching; Bivalve; Coral-algal bindstone; Echinoderm; Encrusting coralline algae; Gastropod; Pachyseris - foliaceous; Pocillopora - branching ; Porites - massive

Core Photo

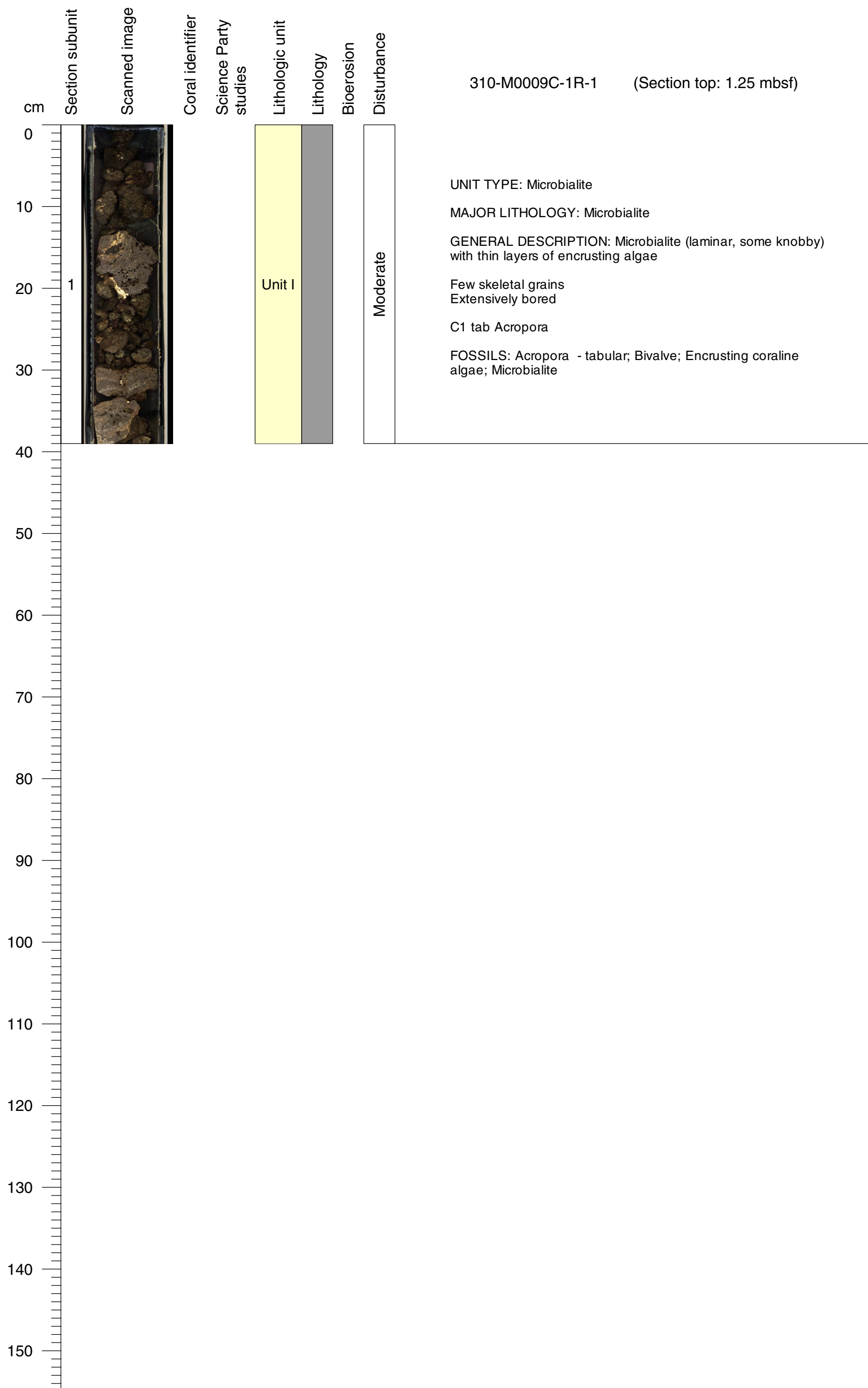
310-M0009B-18R-1 (Section top: 25.62 mbsf)



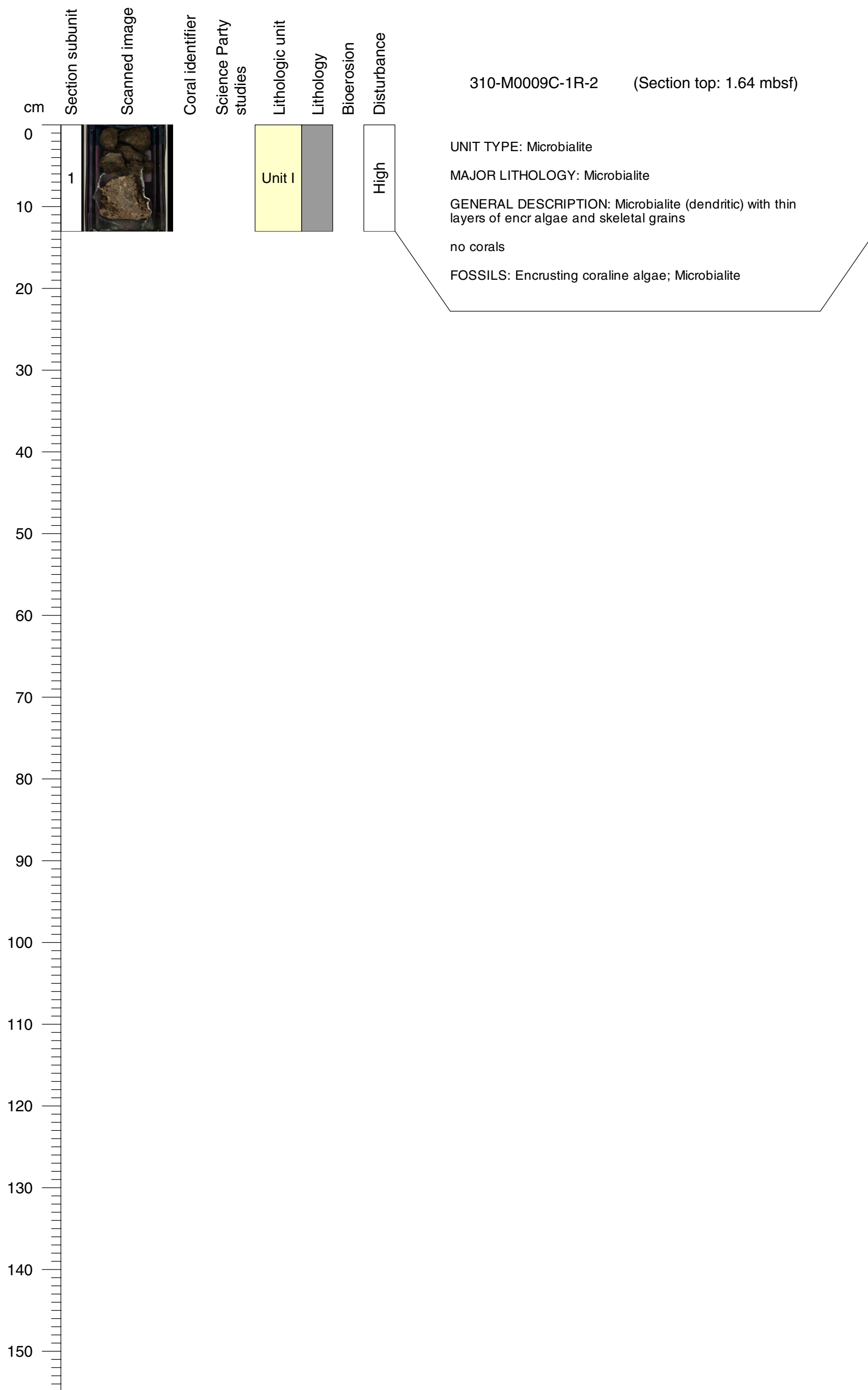
Core Photo



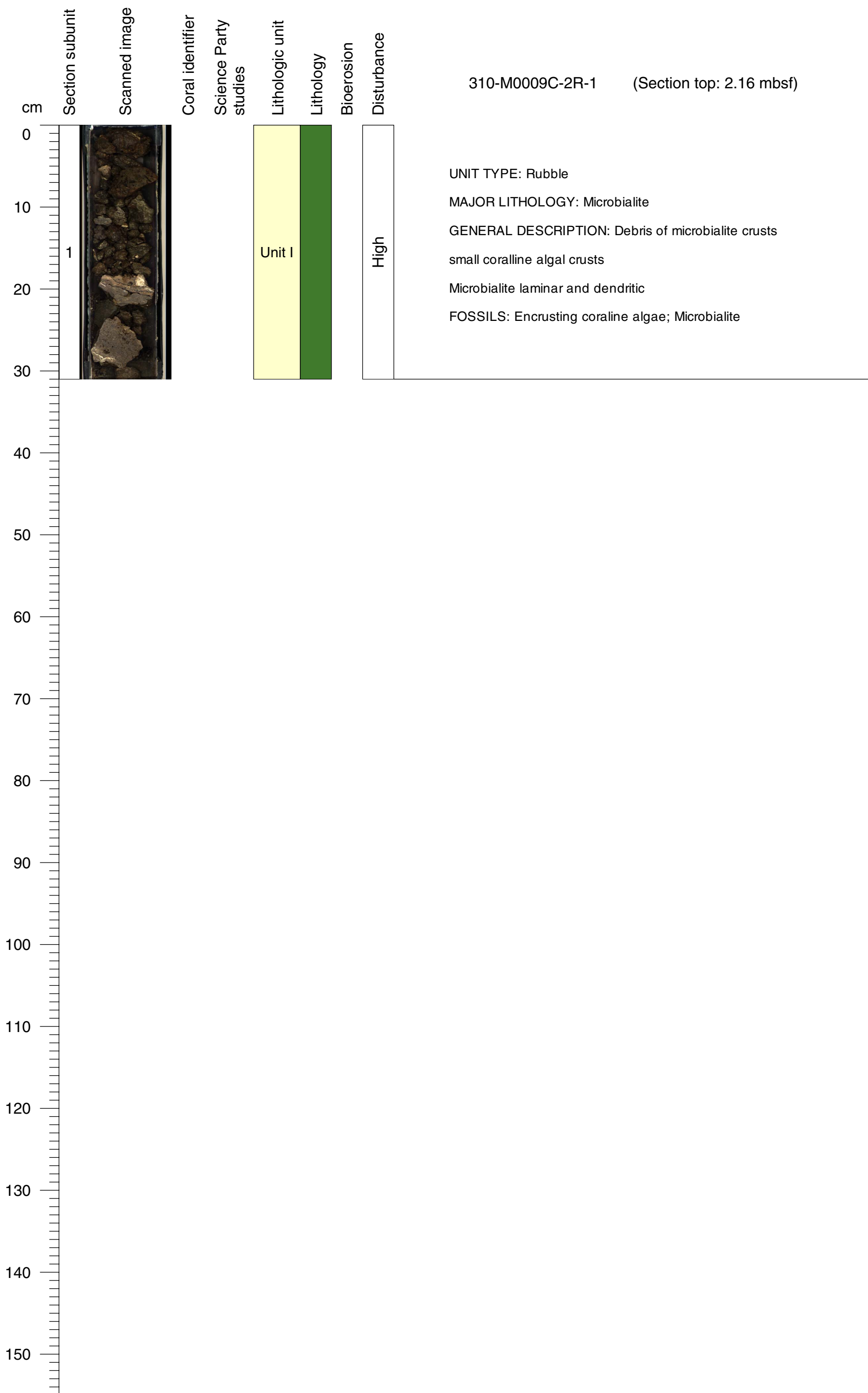
Core Photo



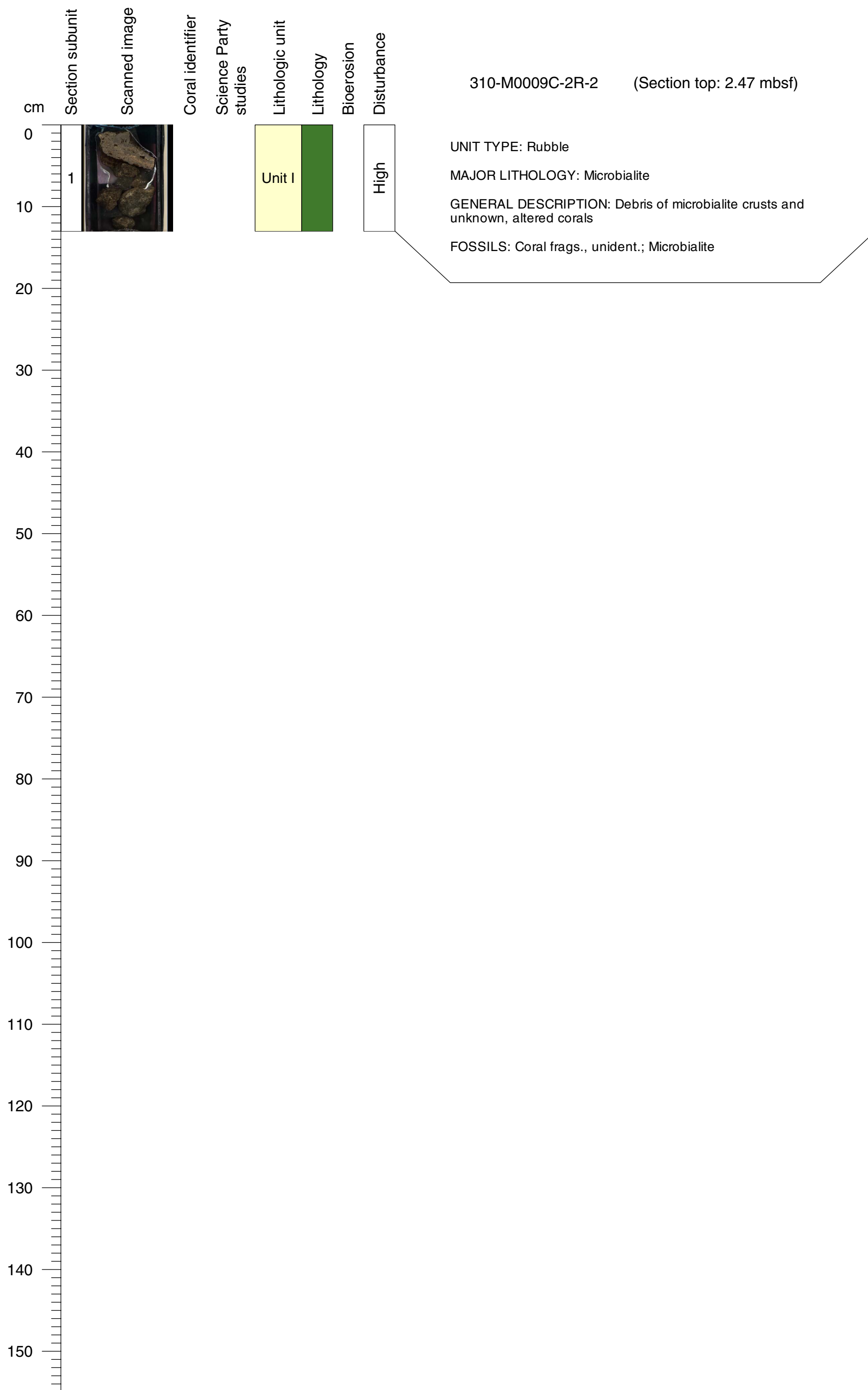
Core Photo



Core Photo

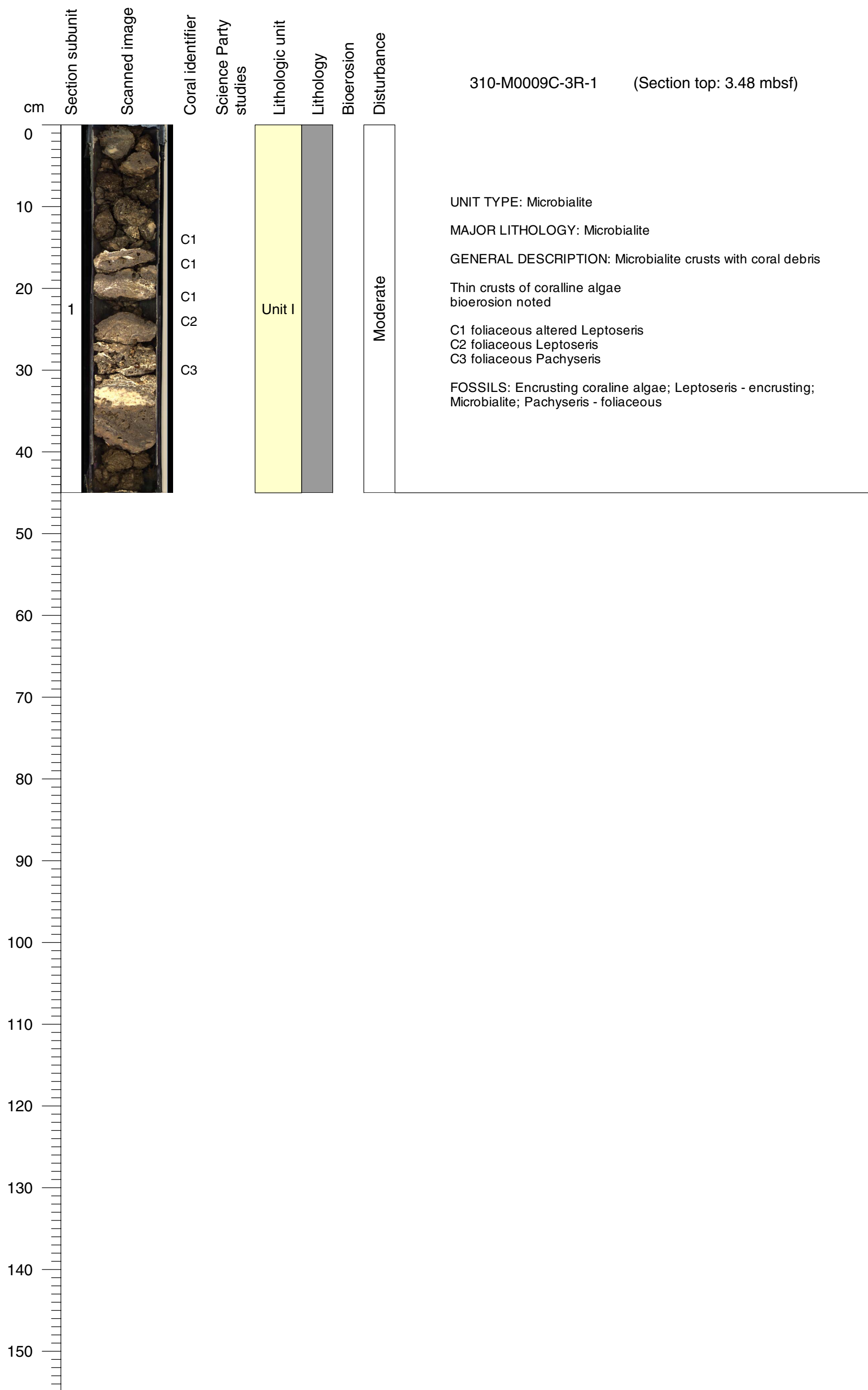


Core Photo



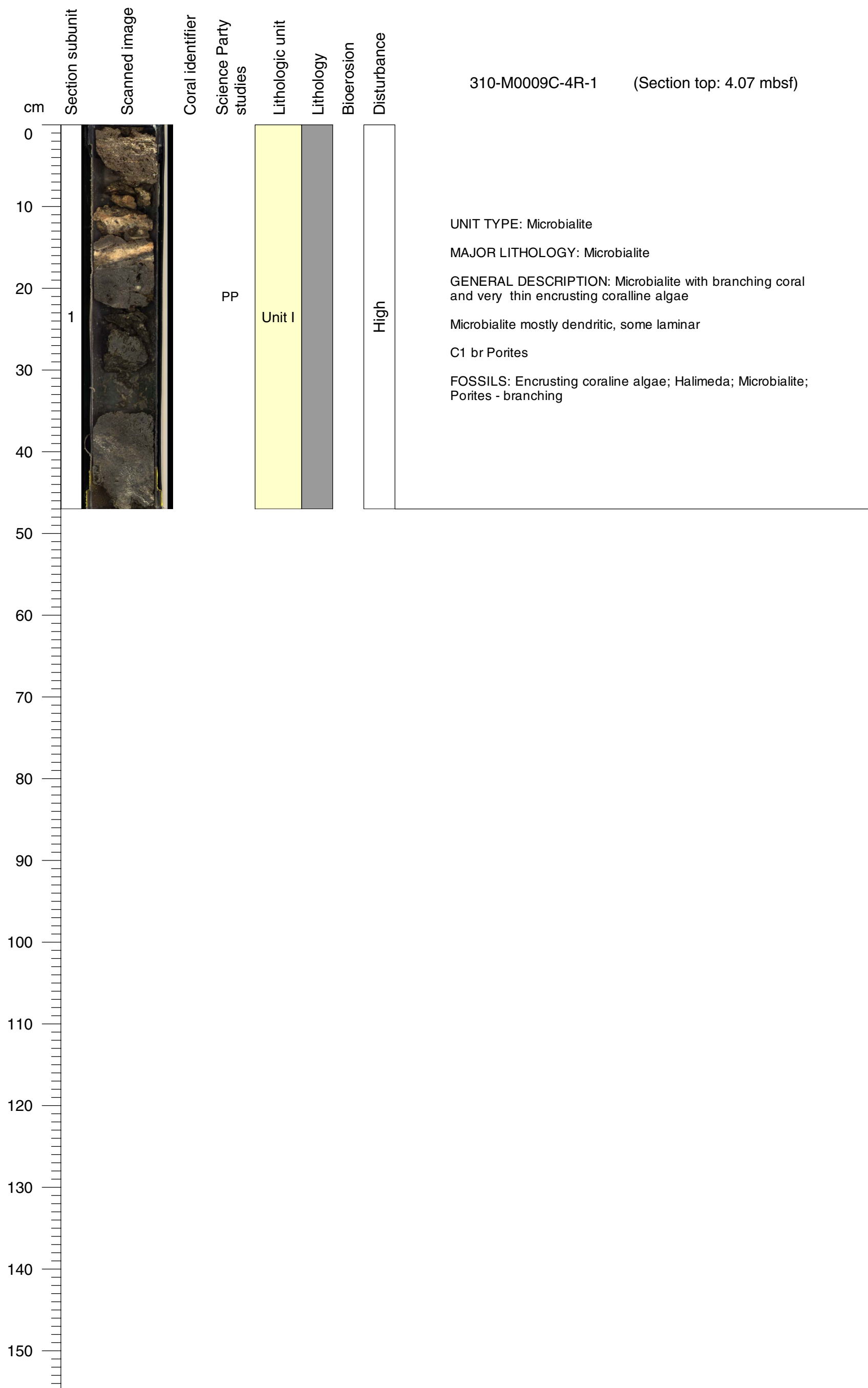
Core Photo

310-M0009C-3R-1 (Section top: 3.48 mbsf)



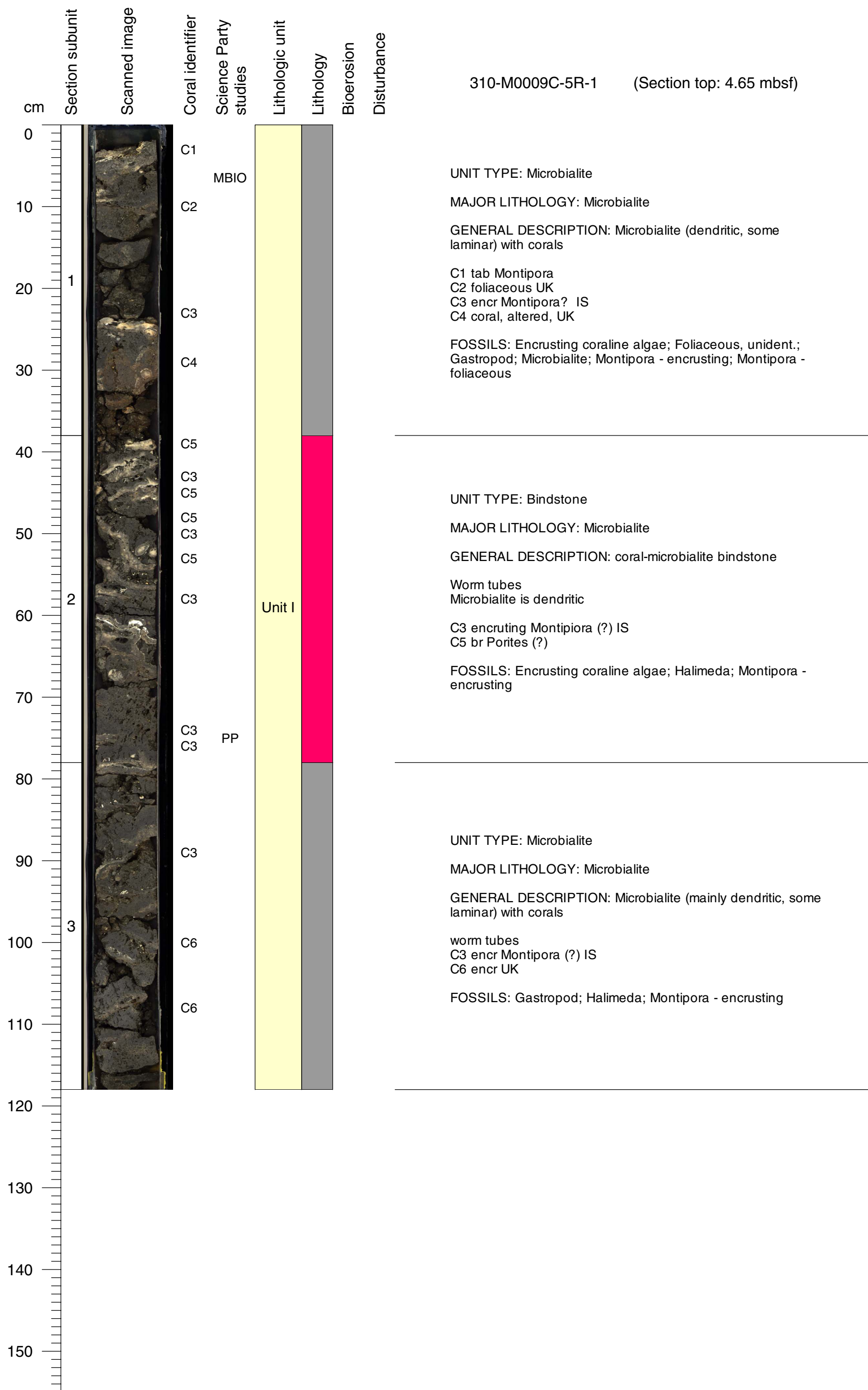
Core Photo

310-M0009C-4R-1 (Section top: 4.07 mbsf)

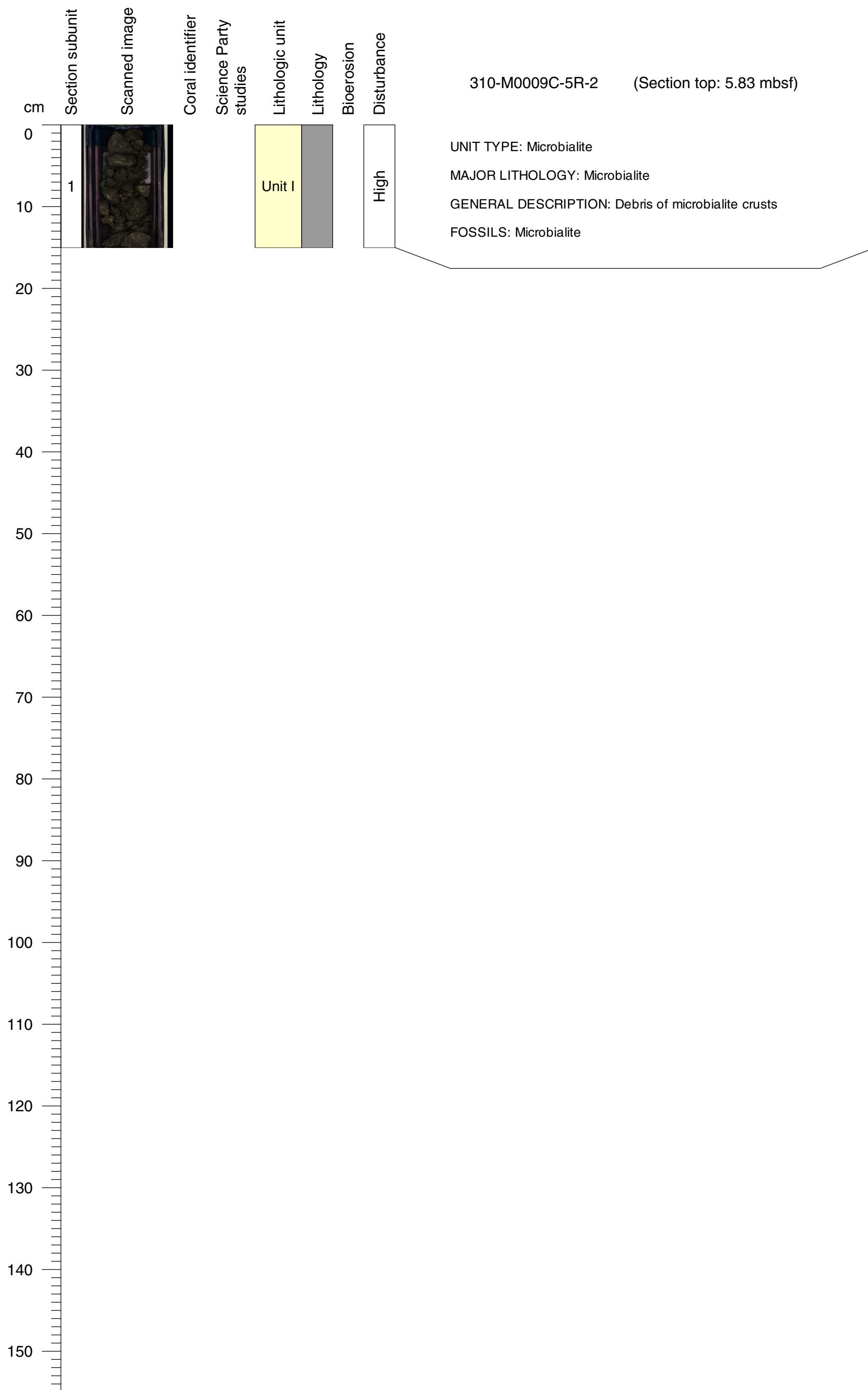


Core Photo

310-M0009C-5R-1 (Section top: 4.65 mbsf)

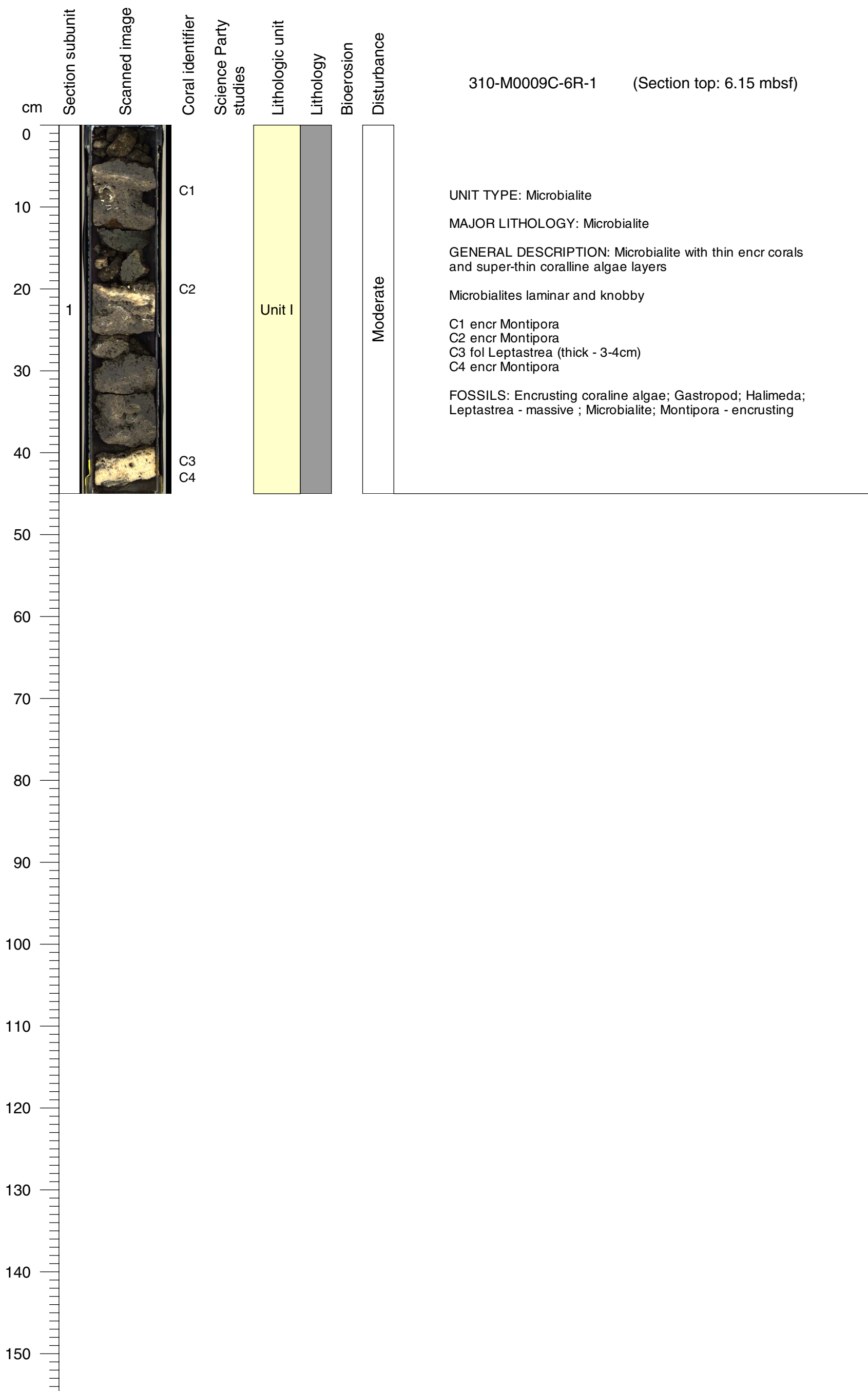


Core Photo



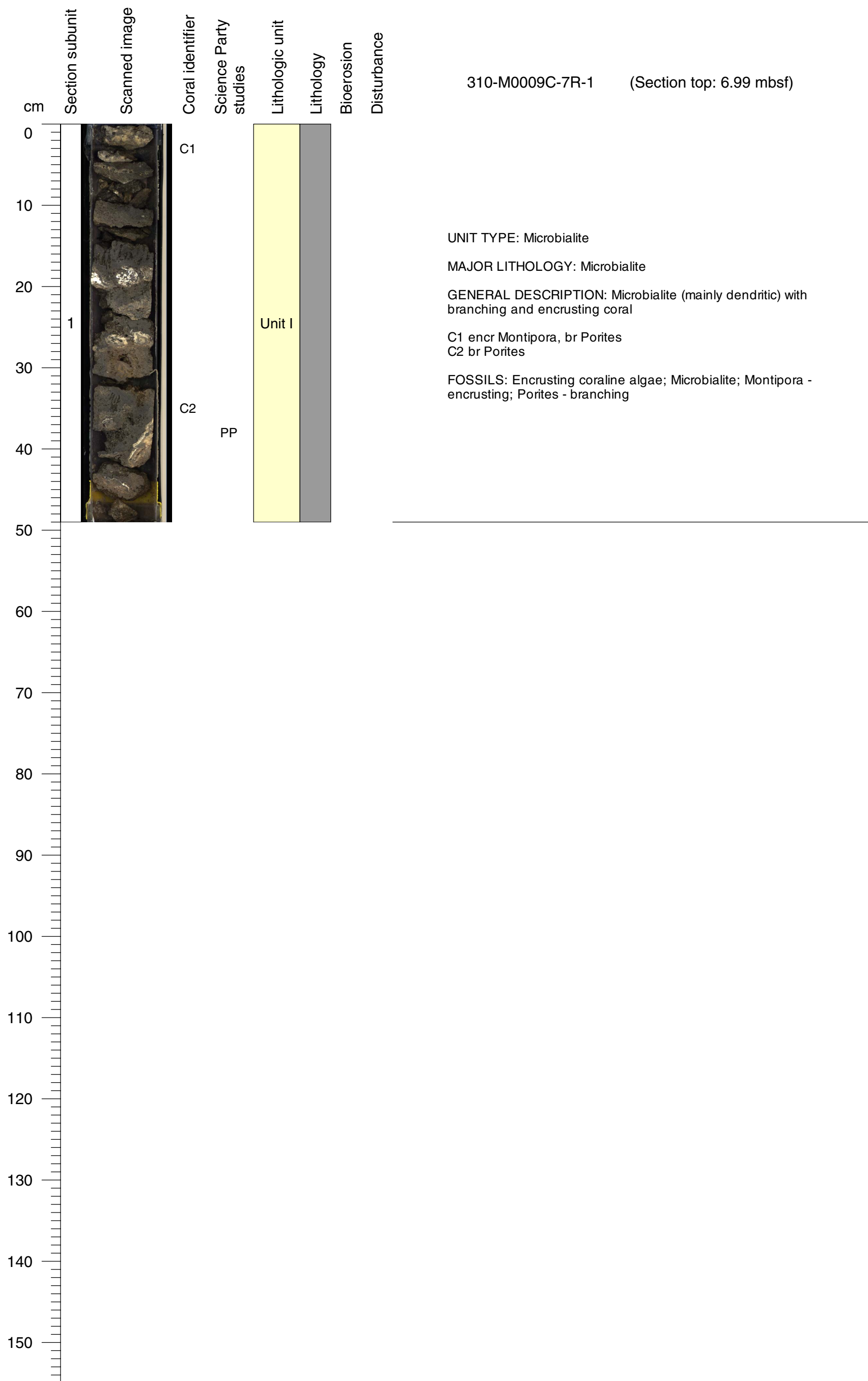
Core Photo

310-M0009C-6R-1 (Section top: 6.15 mbsf)

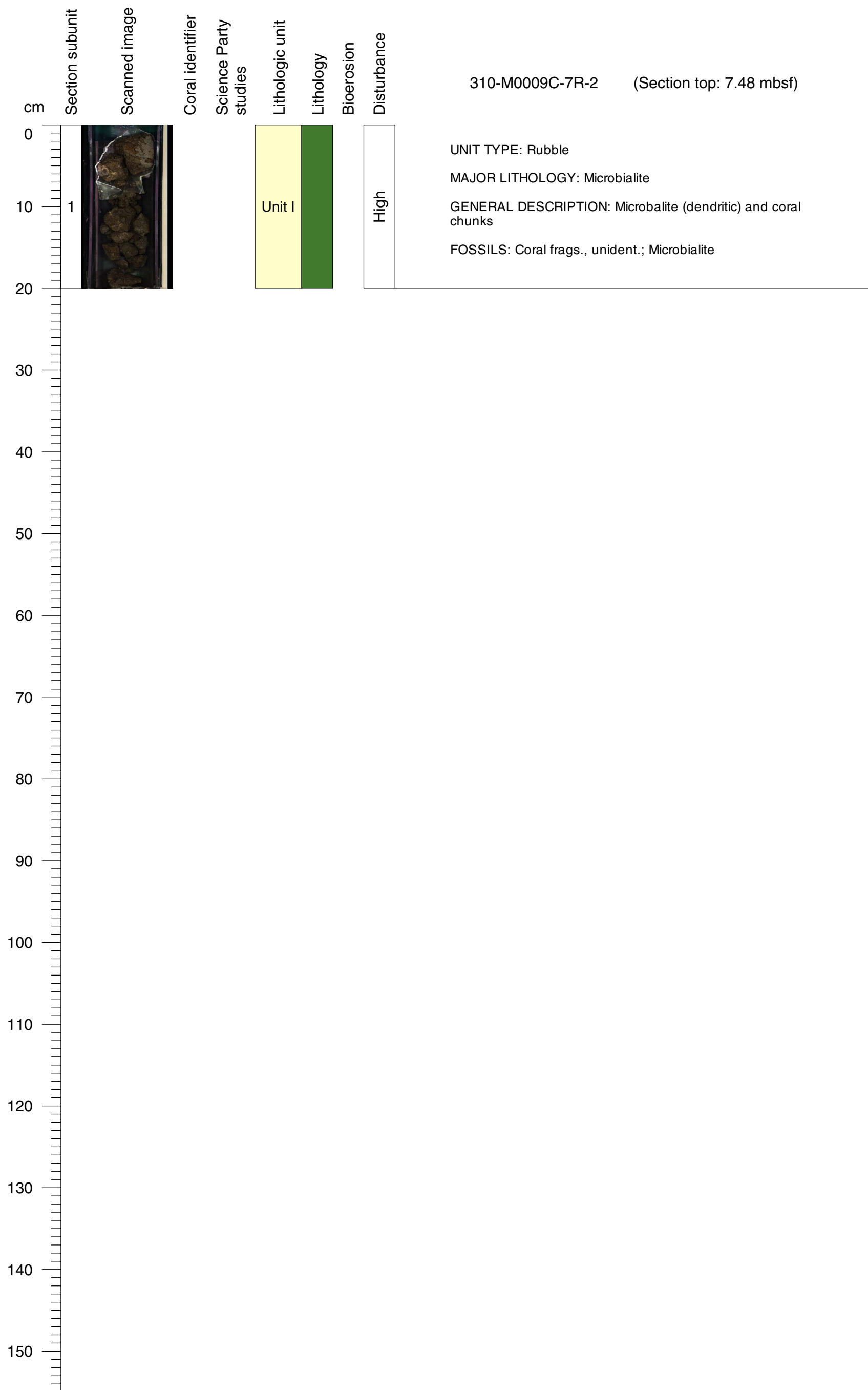


Core Photo

310-M0009C-7R-1 (Section top: 6.99 mbsf)

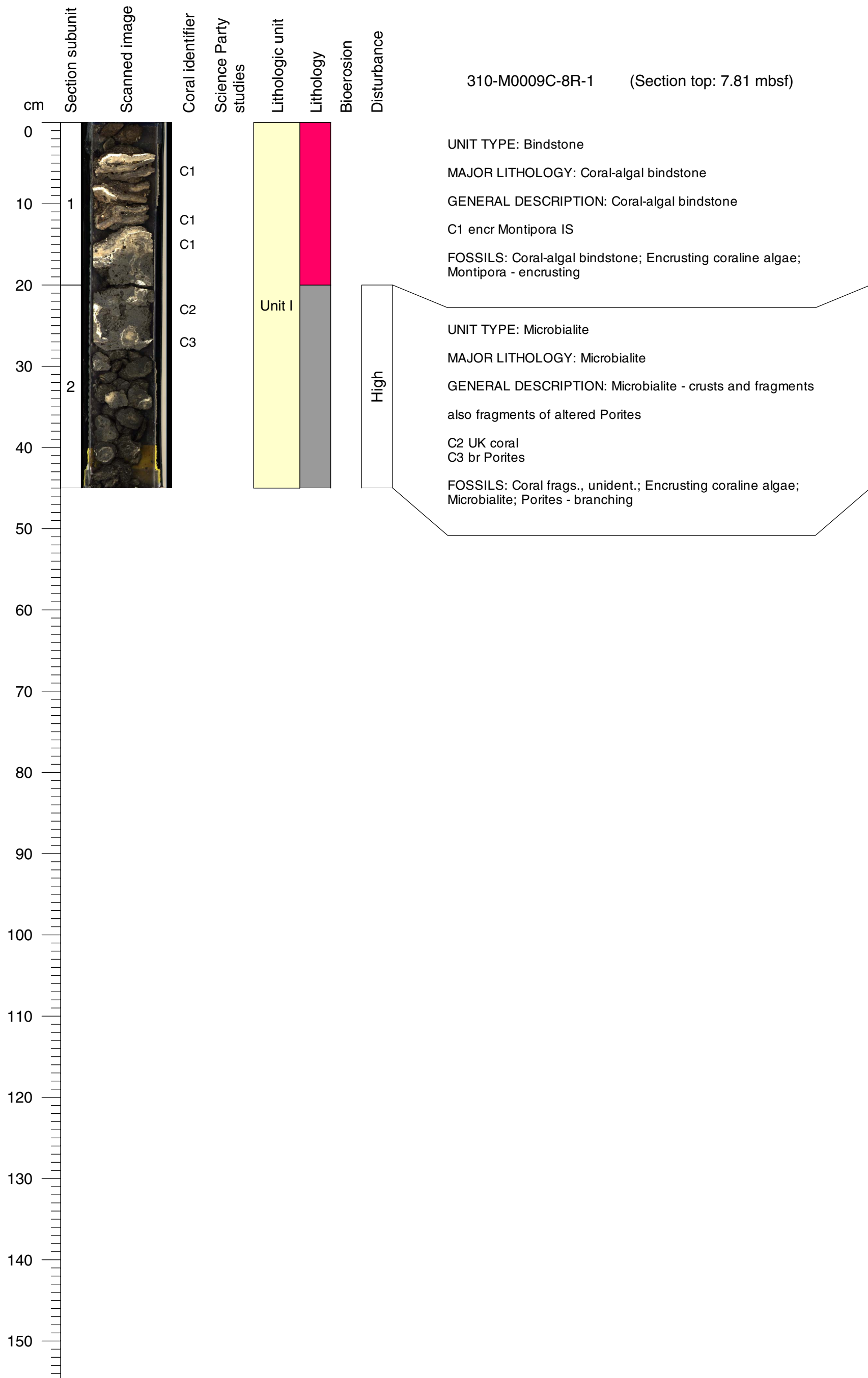


Core Photo



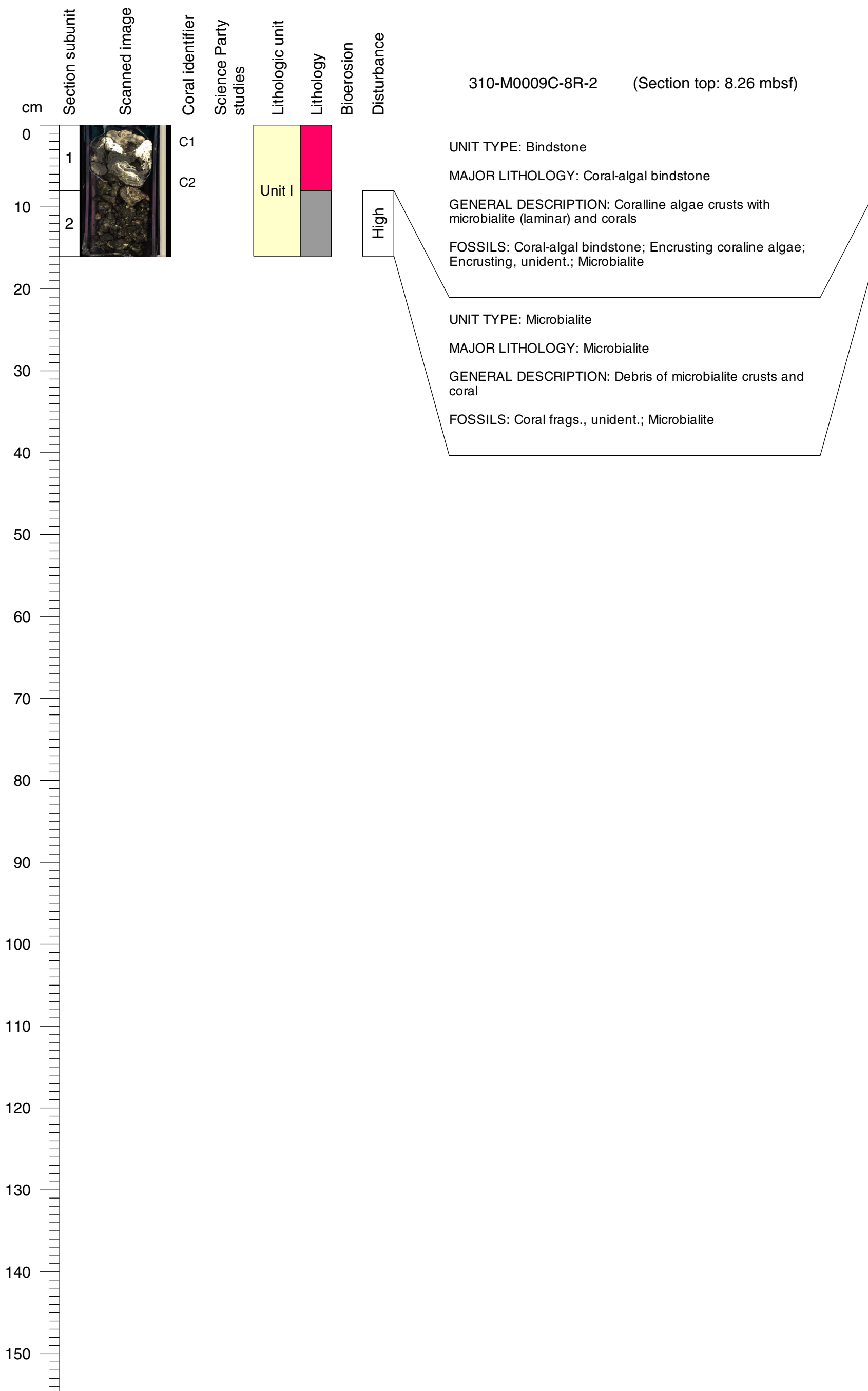
Core Photo

310-M0009C-8R-1 (Section top: 7.81 mbsf)

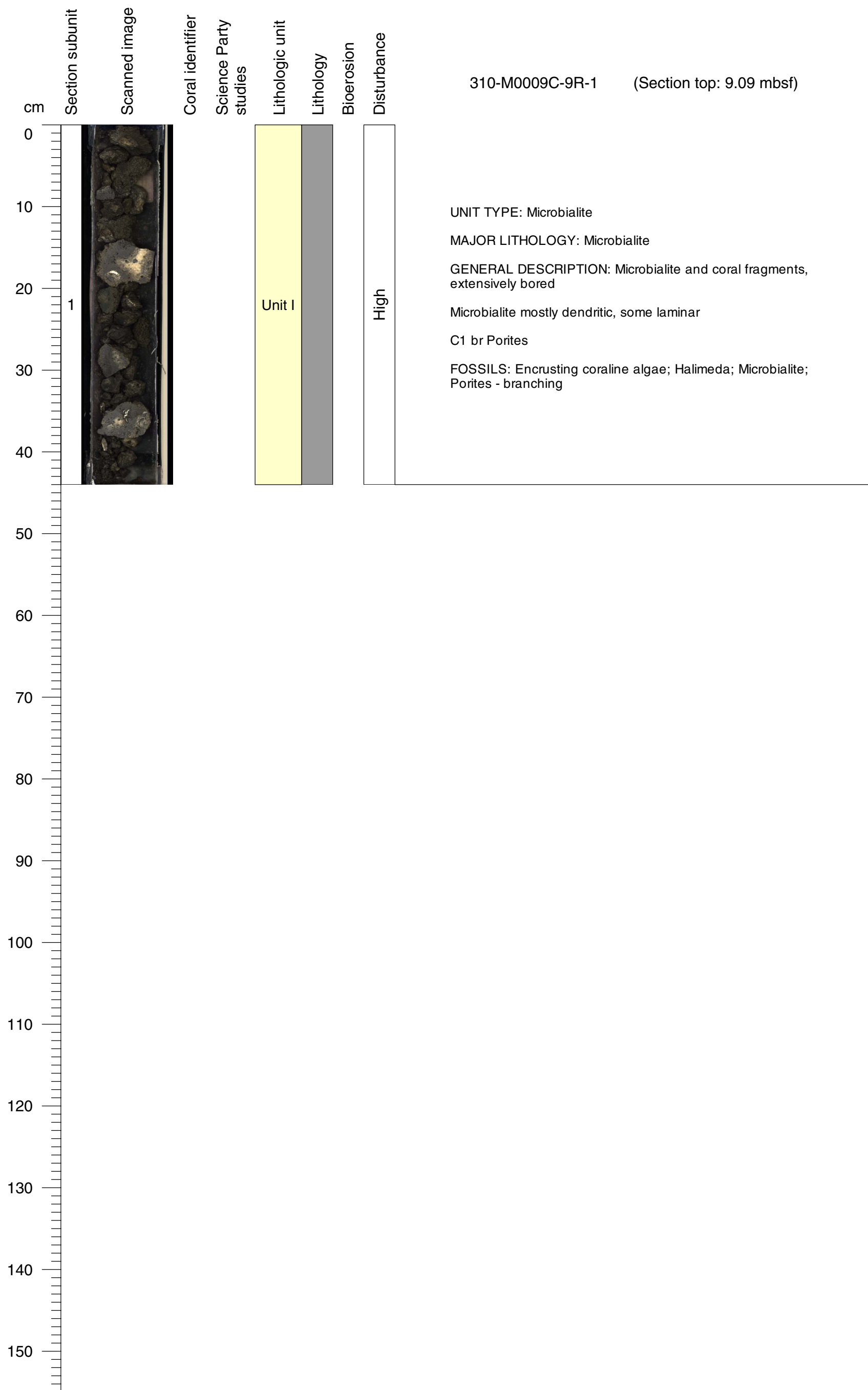


Core Photo

310-M0009C-8R-2 (Section top: 8.26 mbsf)

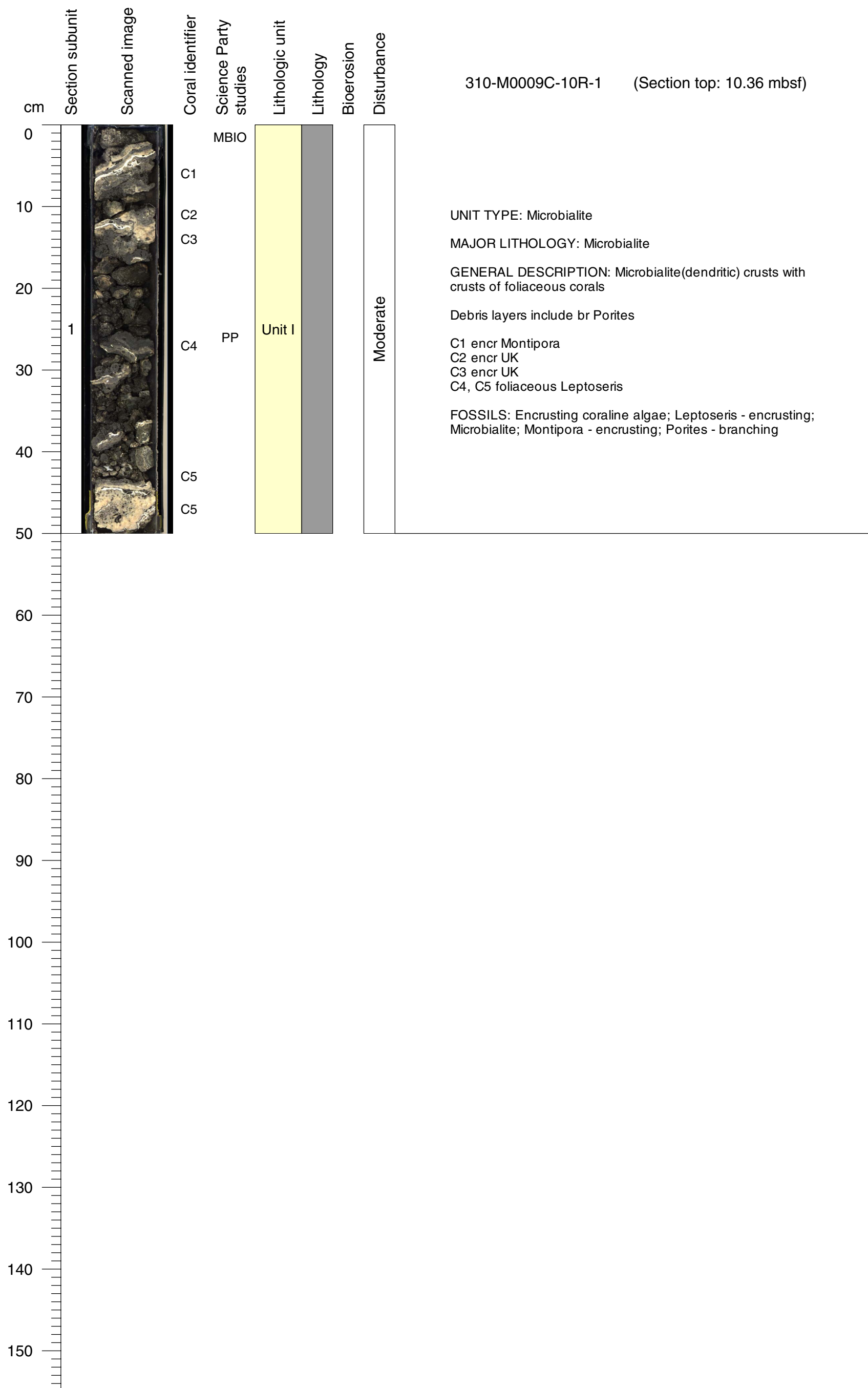


Core Photo

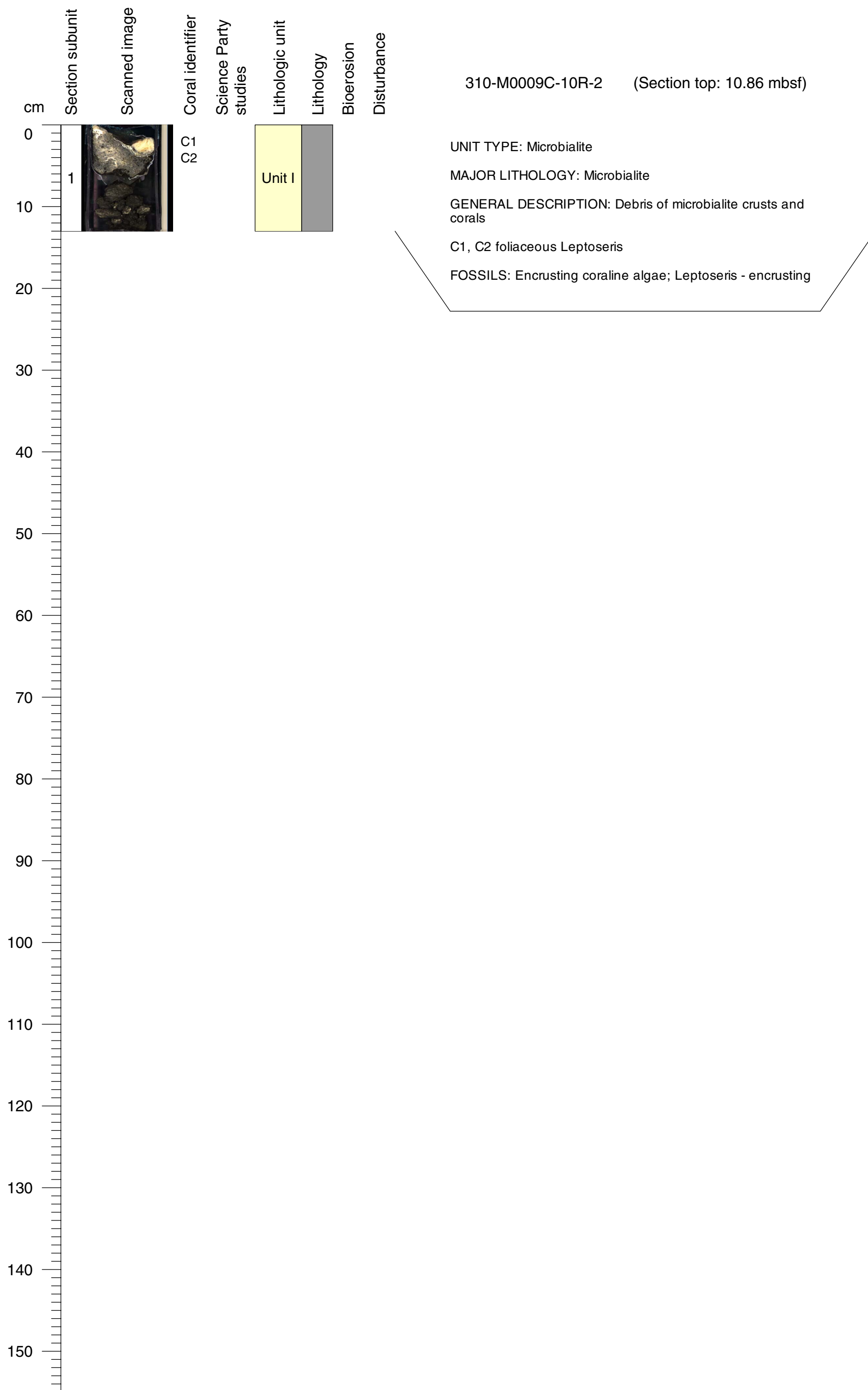


Core Photo

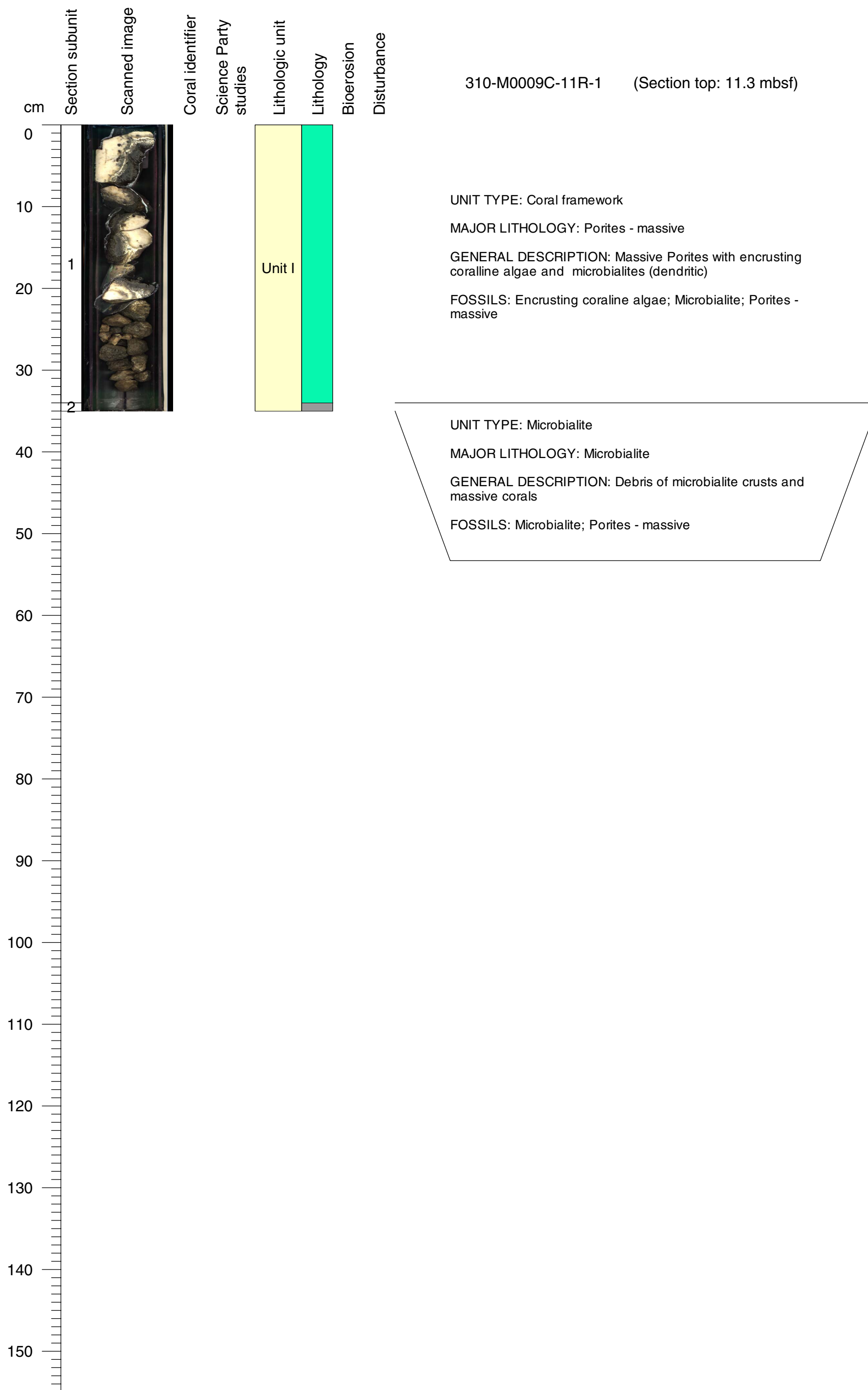
310-M0009C-10R-1 (Section top: 10.36 mbsf)



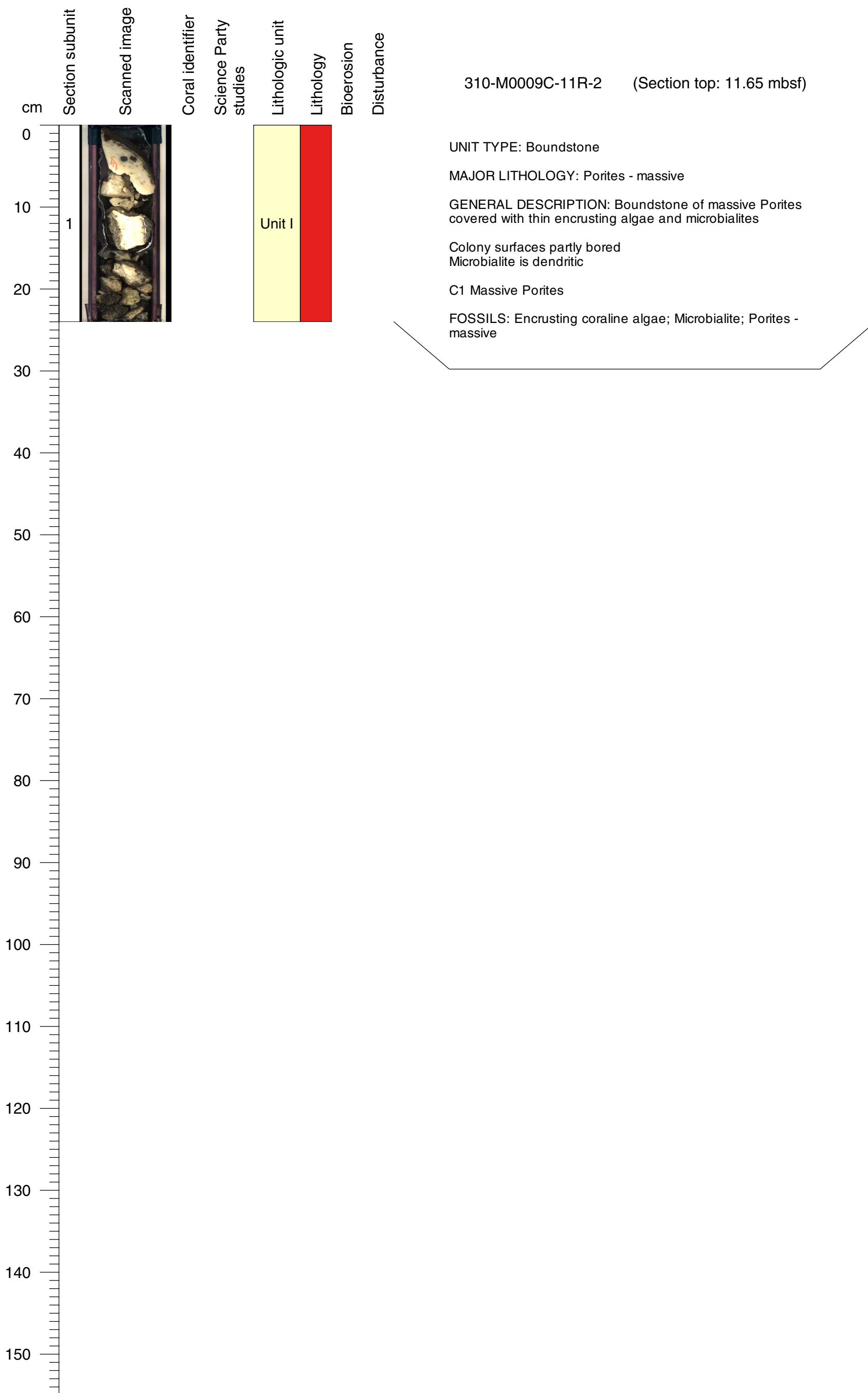
Core Photo



Core Photo

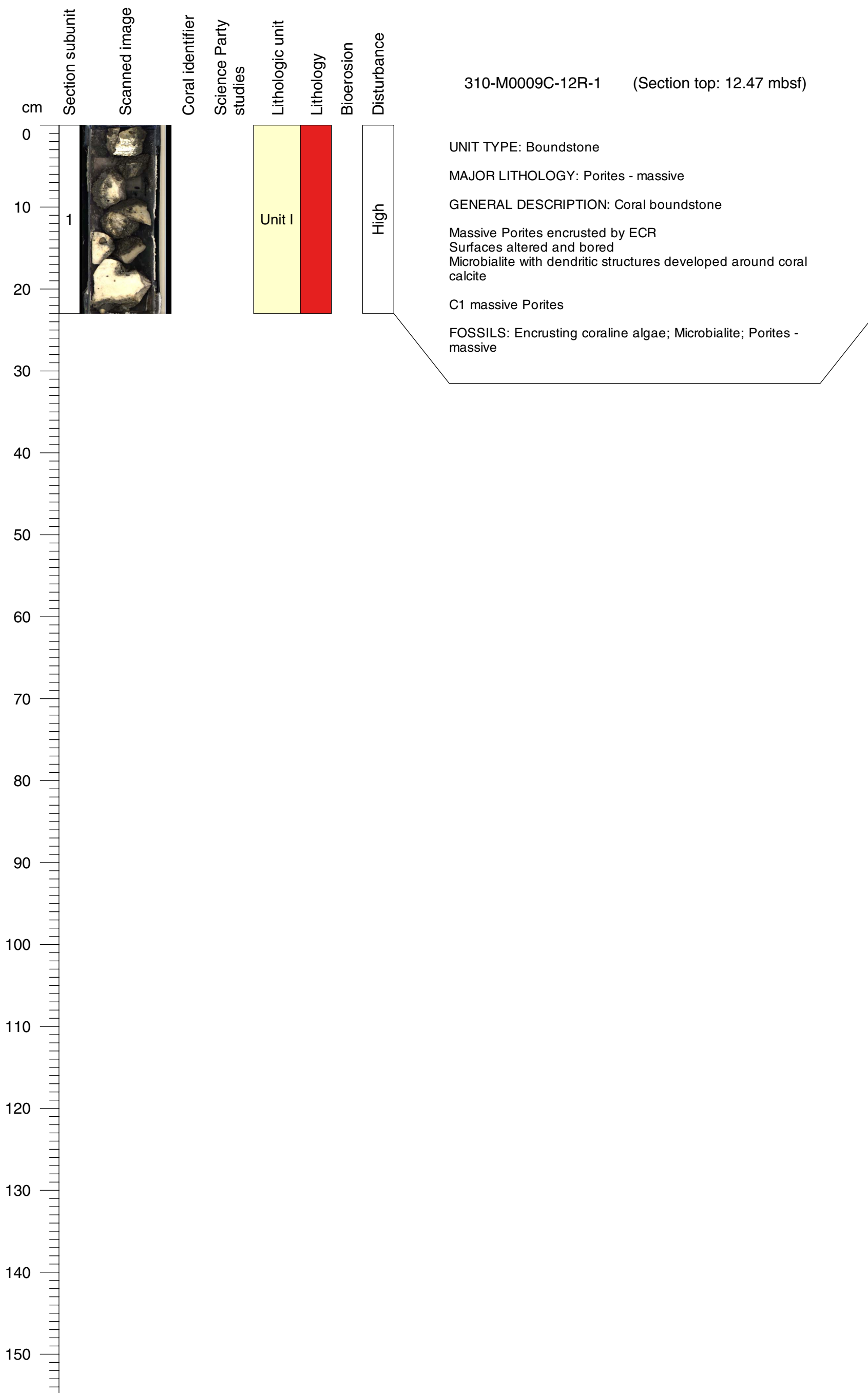


Core Photo

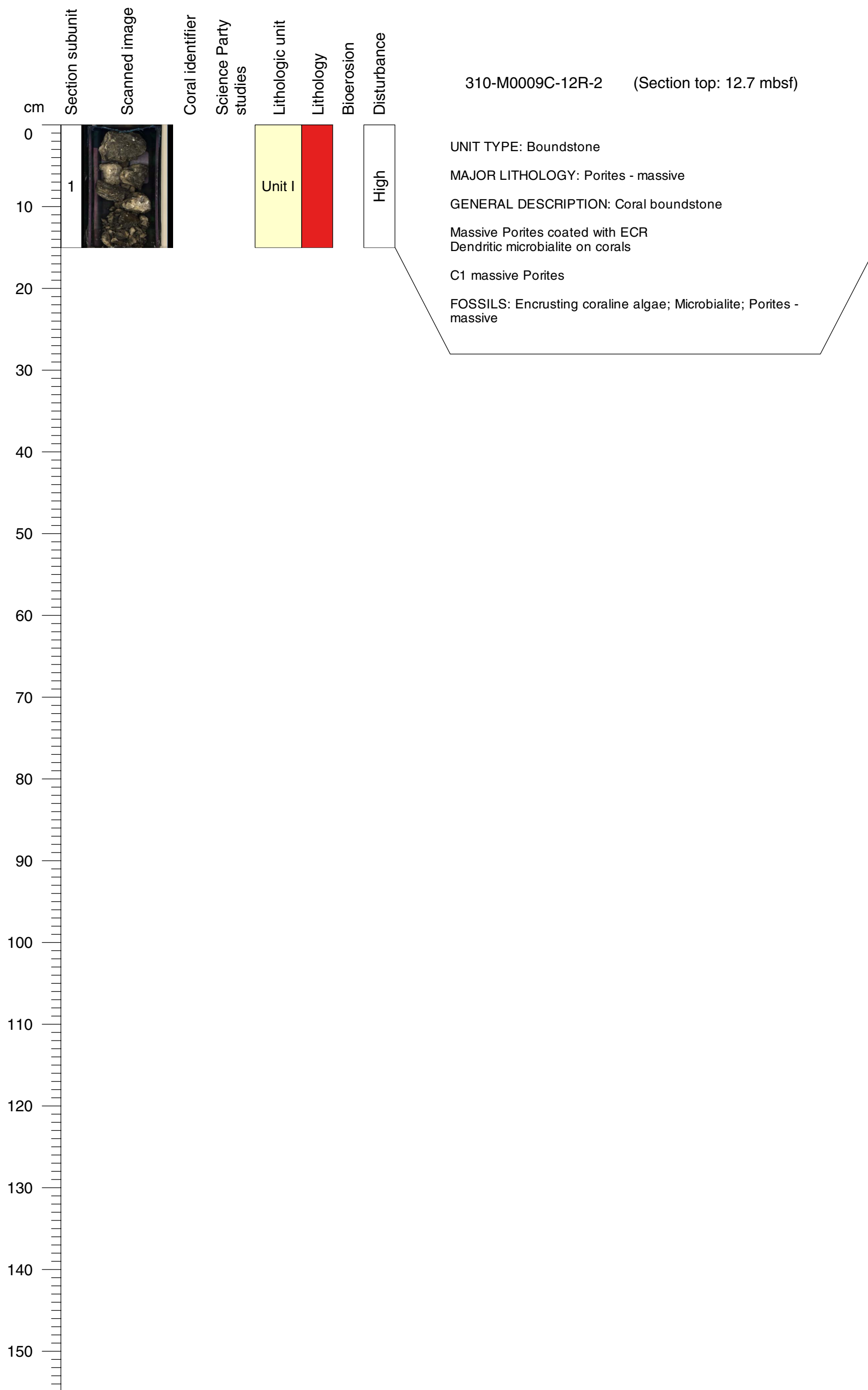


Core Photo

310-M0009C-12R-1 (Section top: 12.47 mbsf)

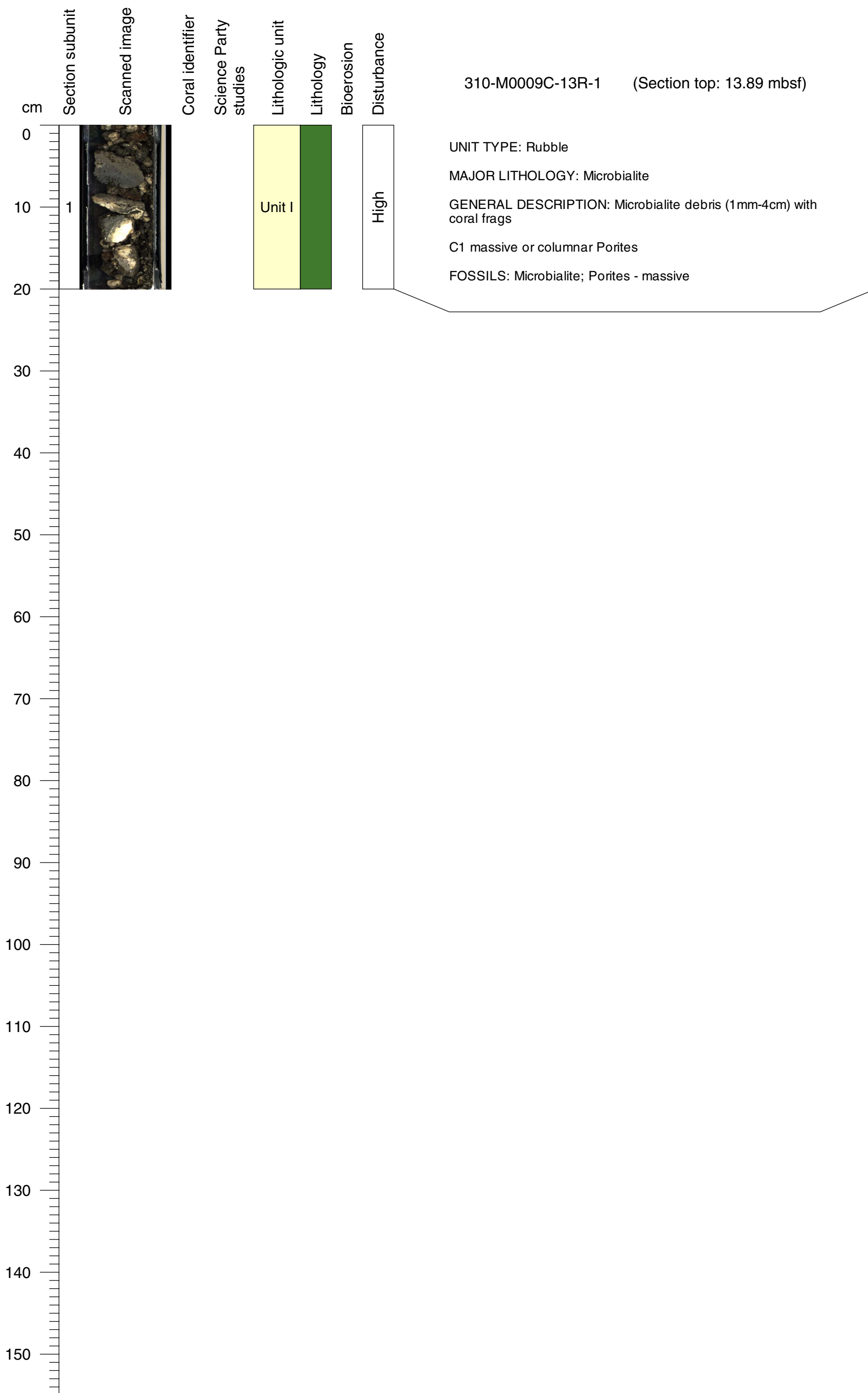


Core Photo



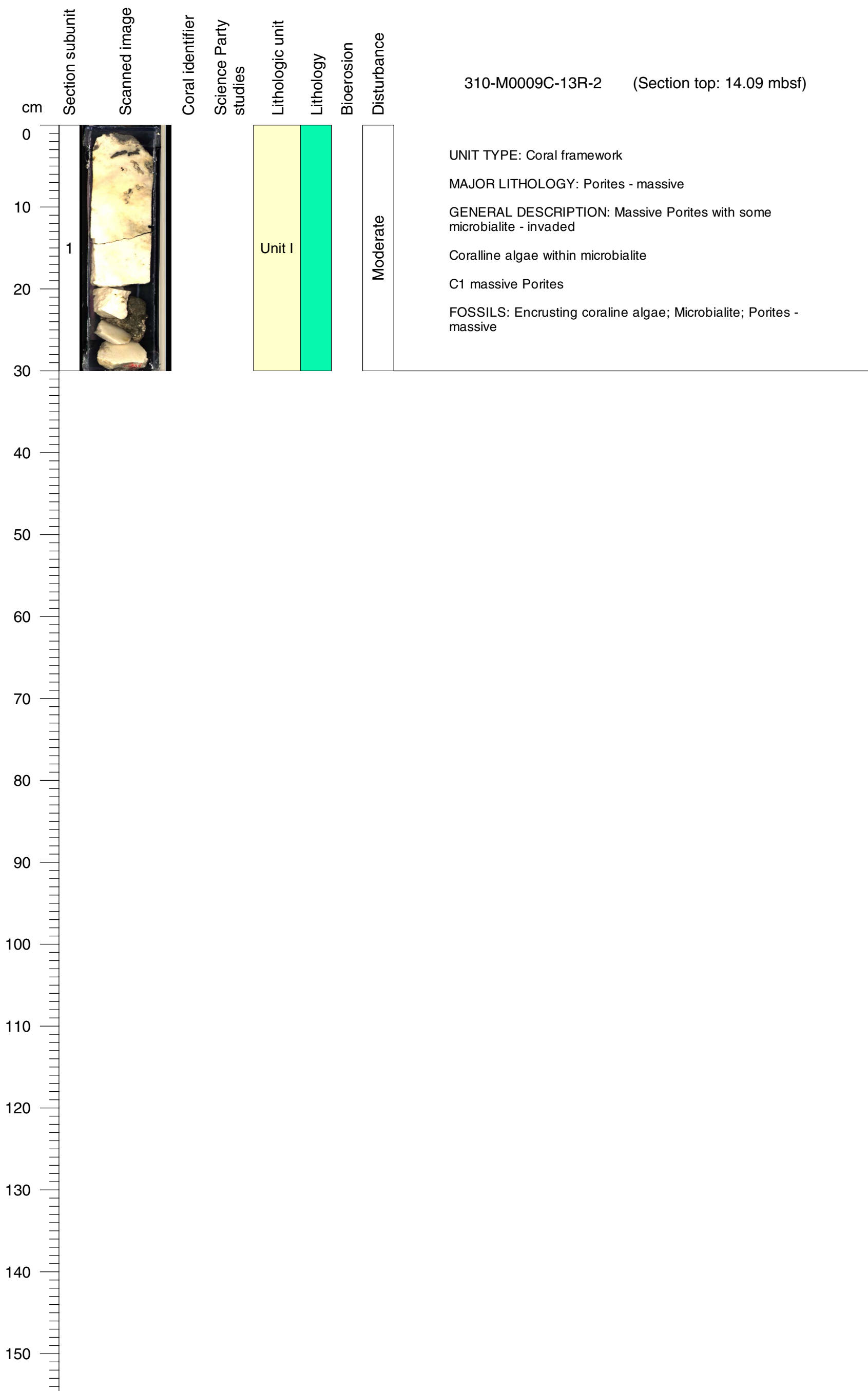
Core Photo

310-M0009C-13R-1 (Section top: 13.89 mbsf)

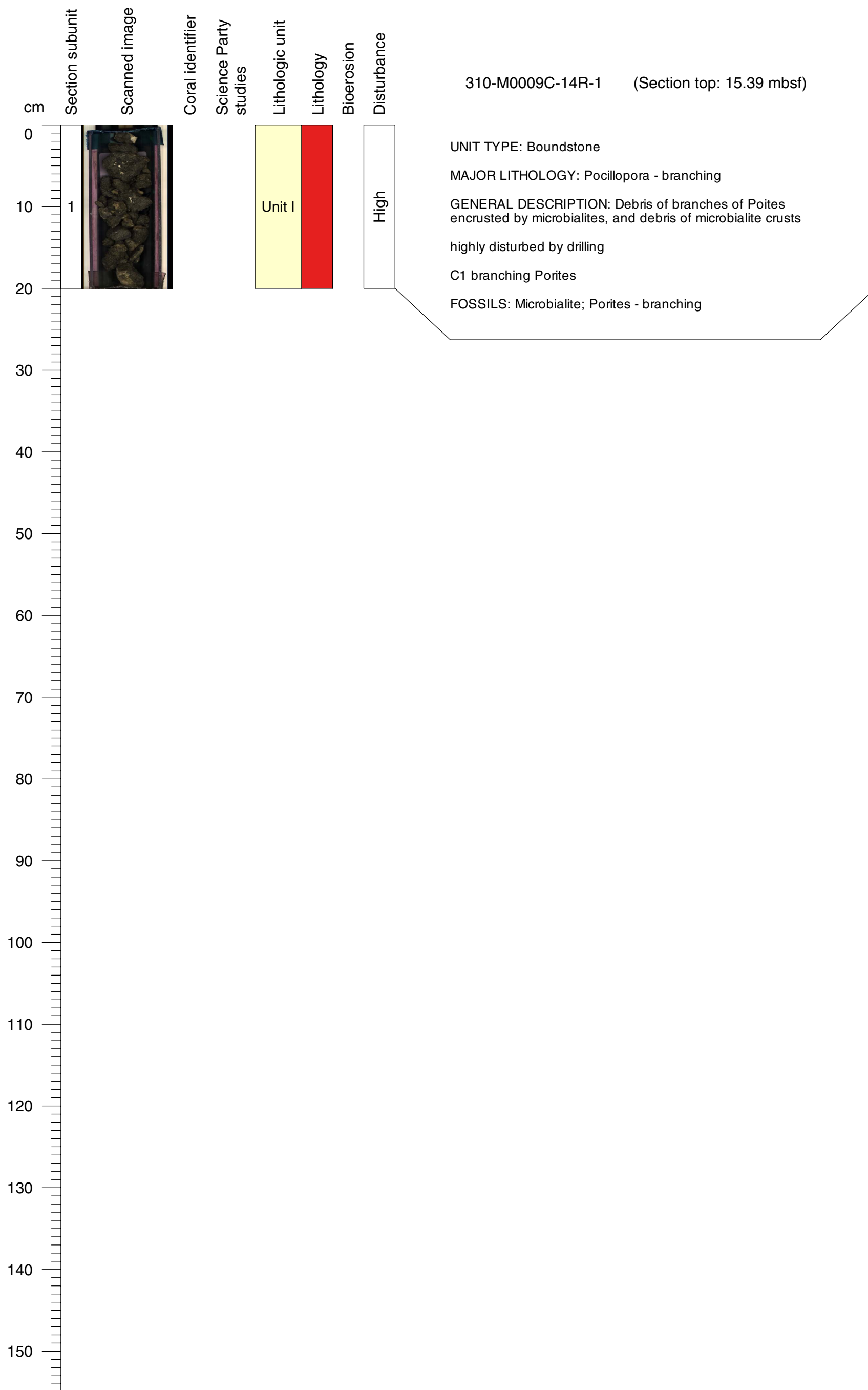


Core Photo

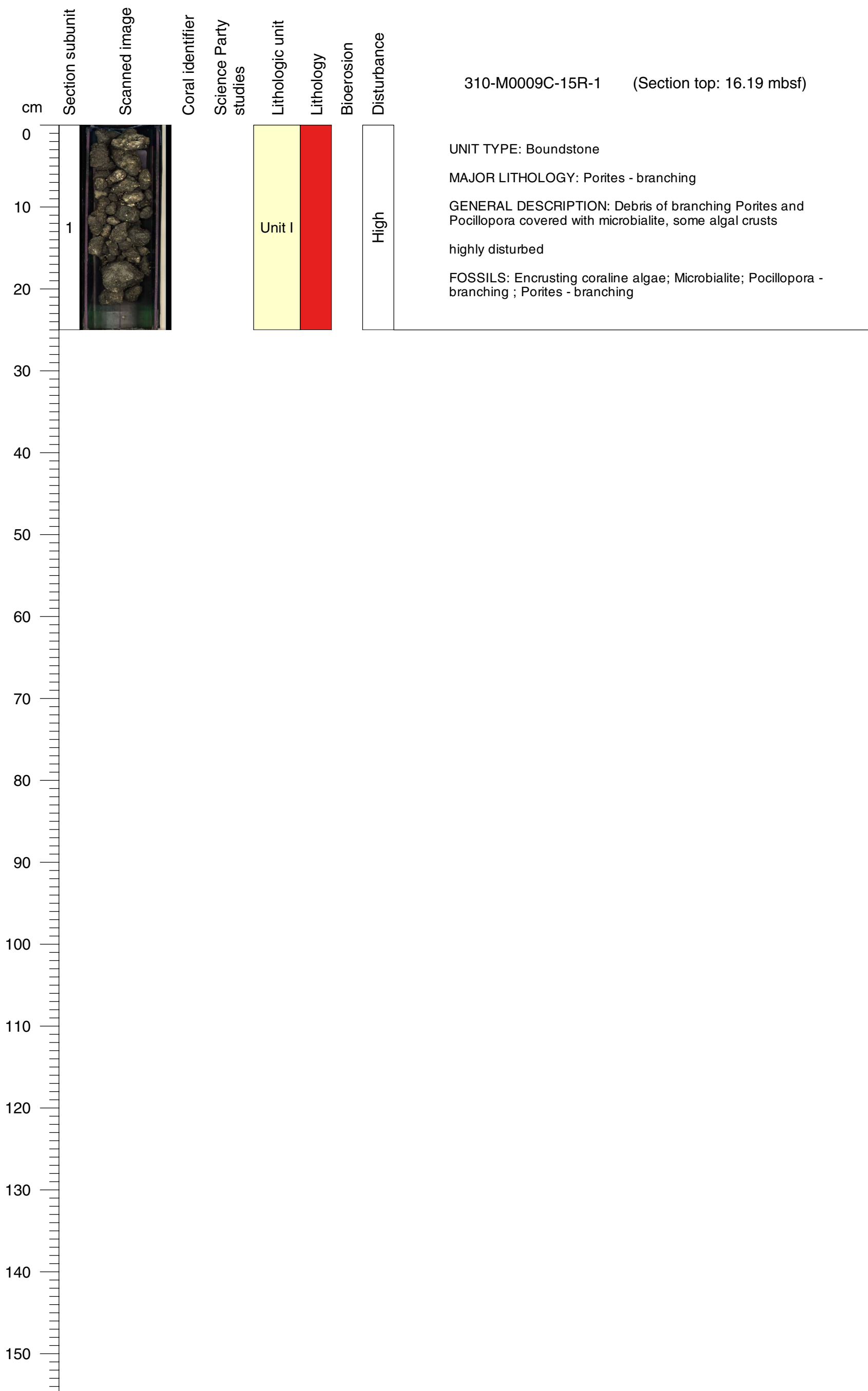
310-M0009C-13R-2 (Section top: 14.09 mbsf)



Core Photo

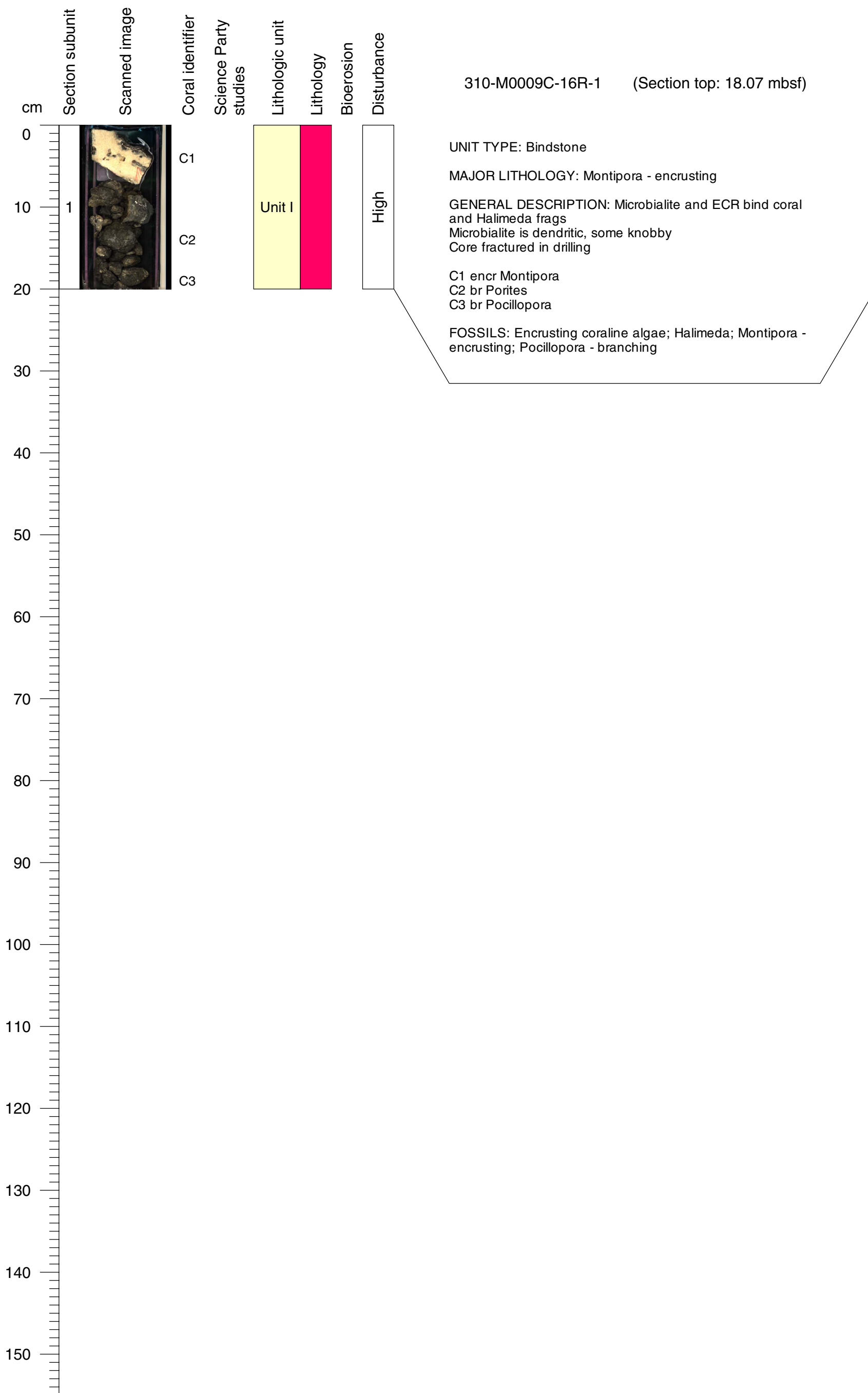


Core Photo



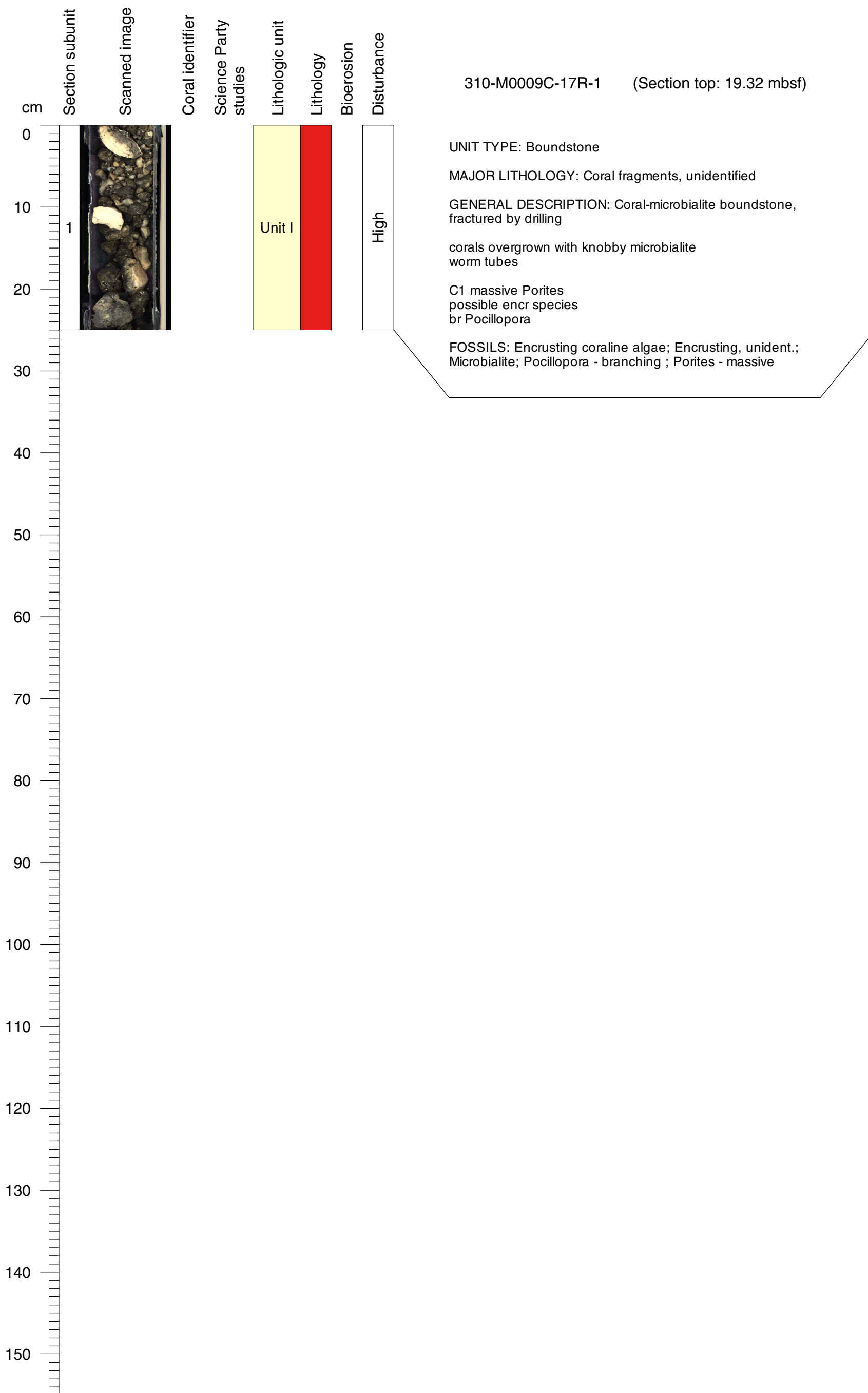
Core Photo

310-M0009C-16R-1 (Section top: 18.07 mbsf)



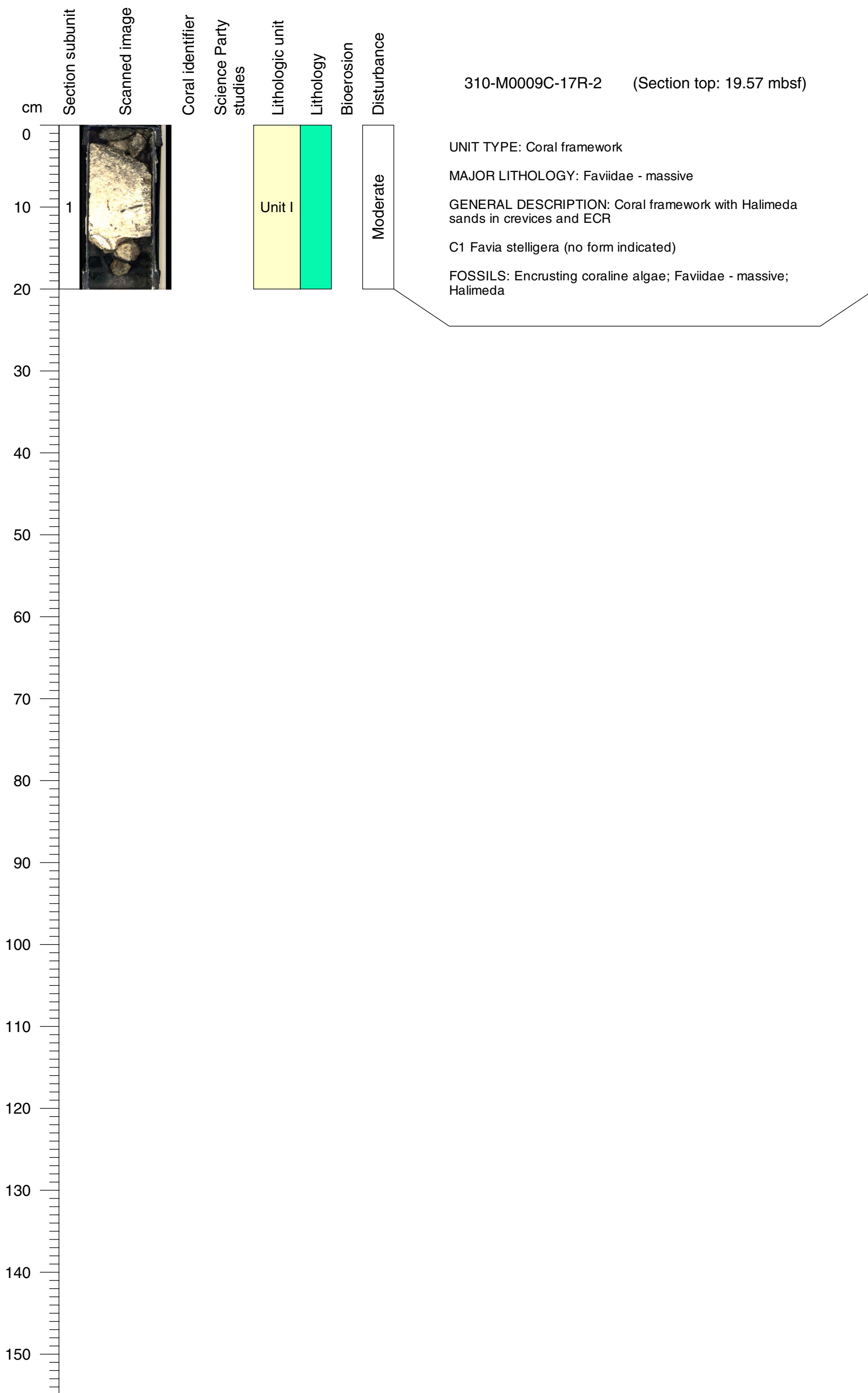
Core Photo

310-M0009C-17R-1 (Section top: 19.32 mbsf)



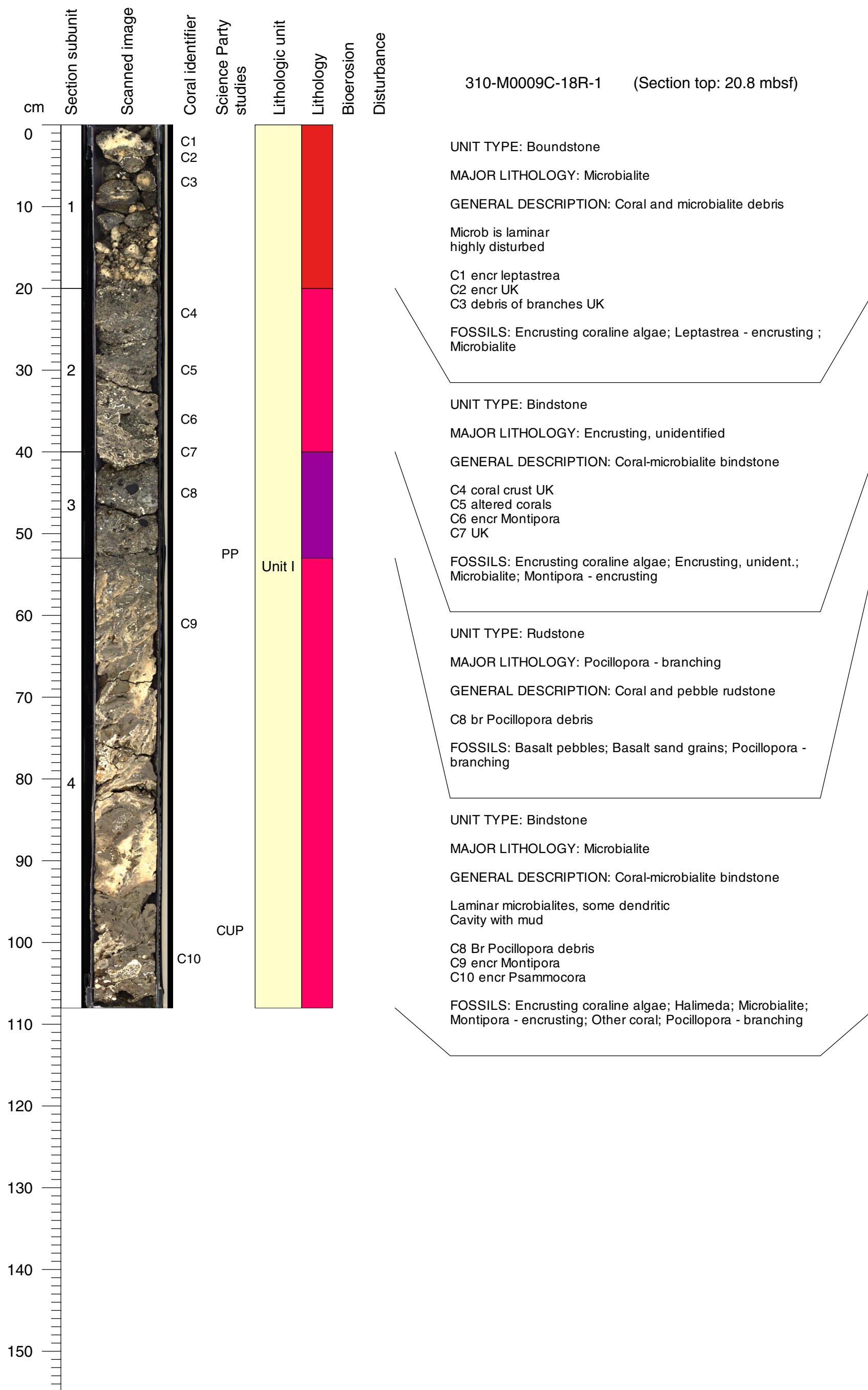
Core Photo

310-M0009C-17R-2 (Section top: 19.57 mbsf)

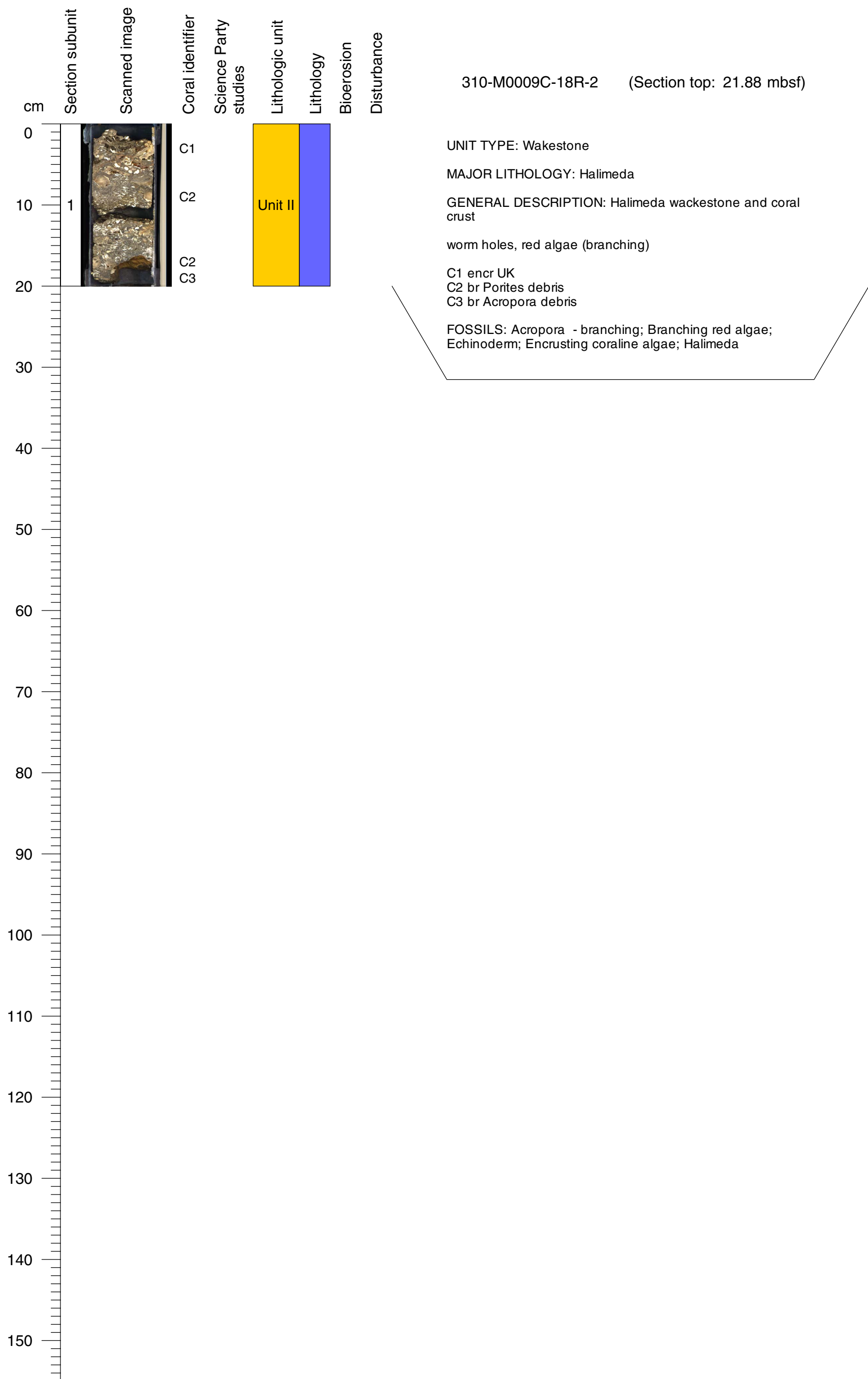


Core Photo

310-M0009C-18R-1 (Section top: 20.8 mbsf)

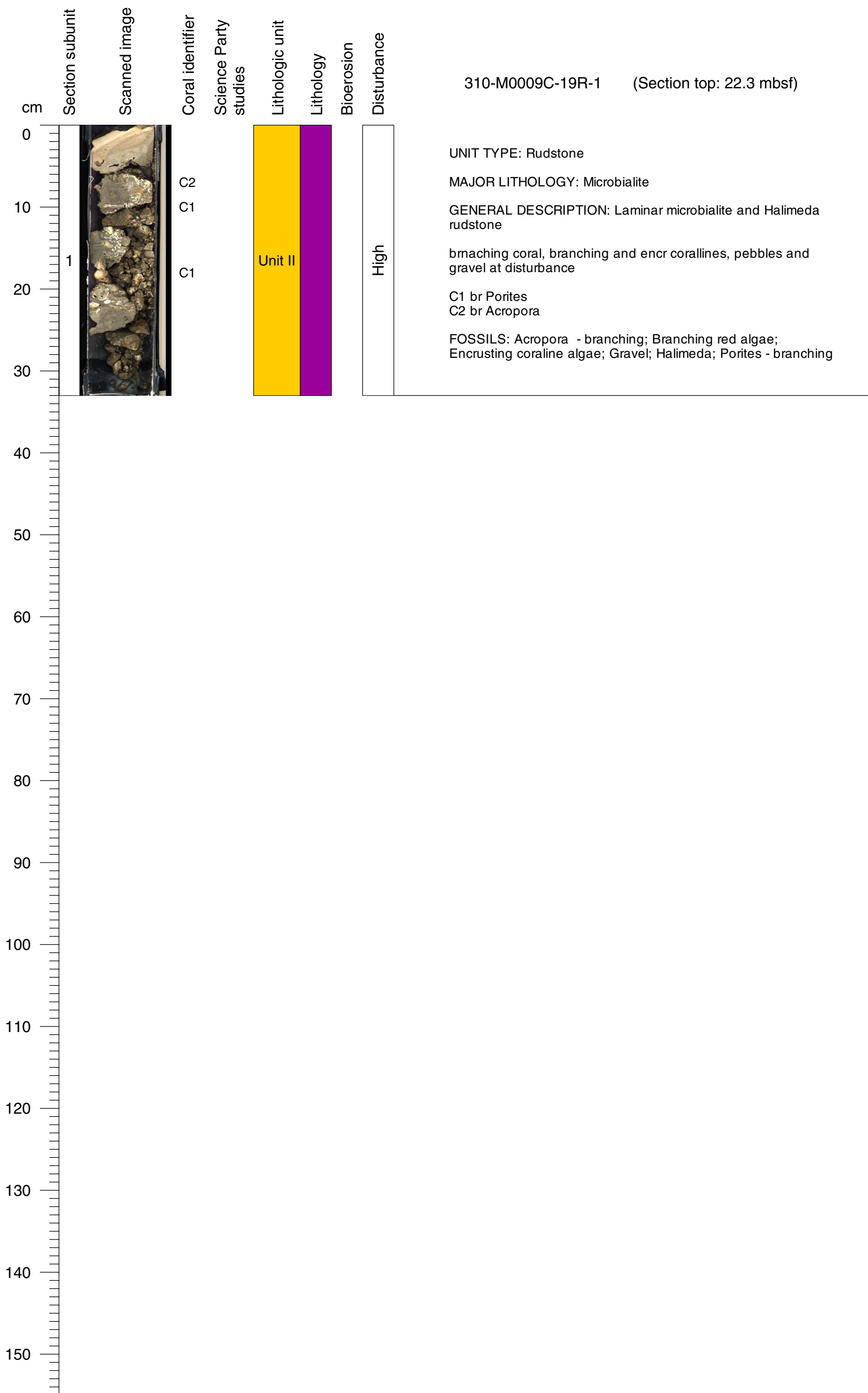


Core Photo



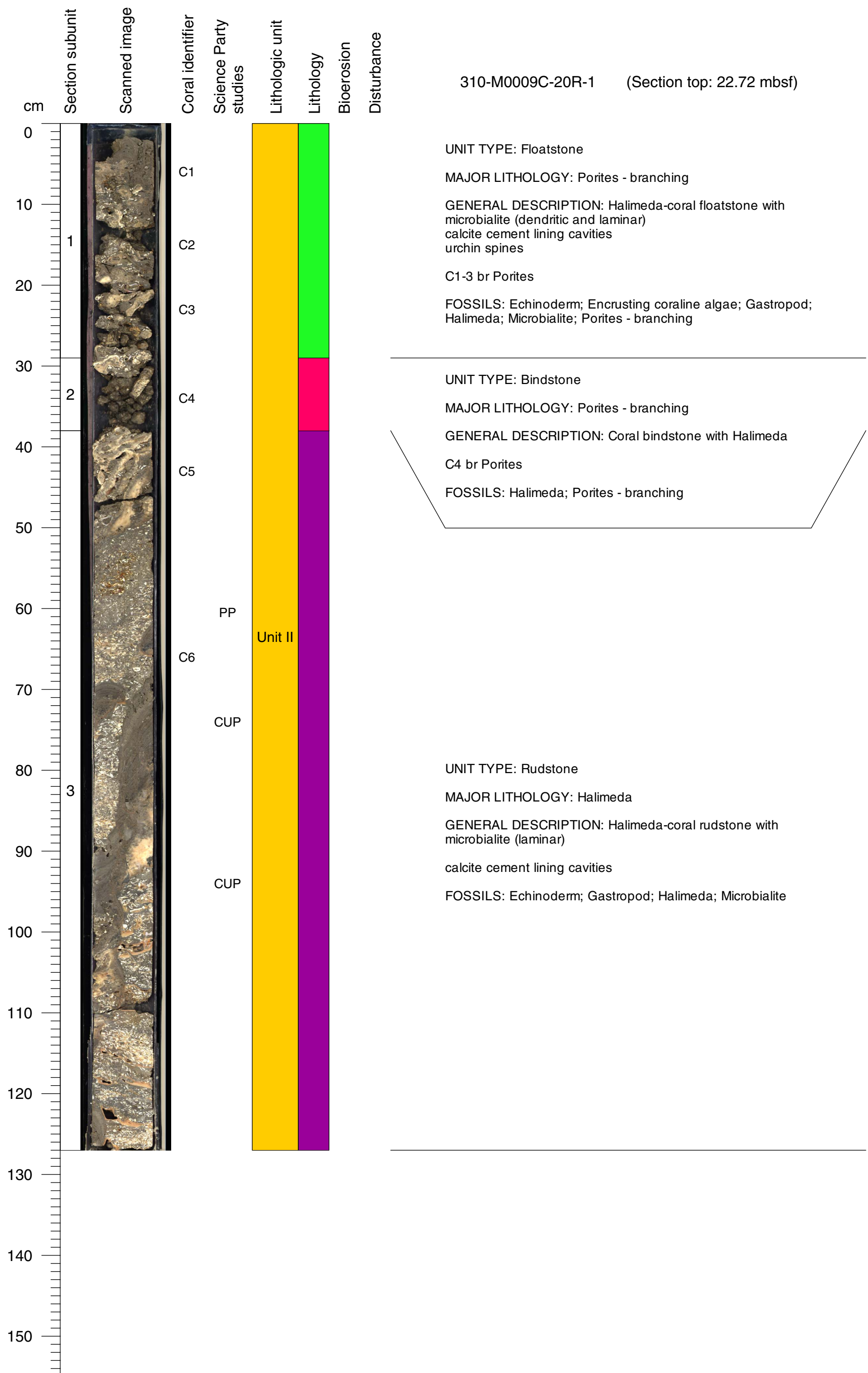
Core Photo

310-M0009C-19R-1 (Section top: 22.3 mbsf)



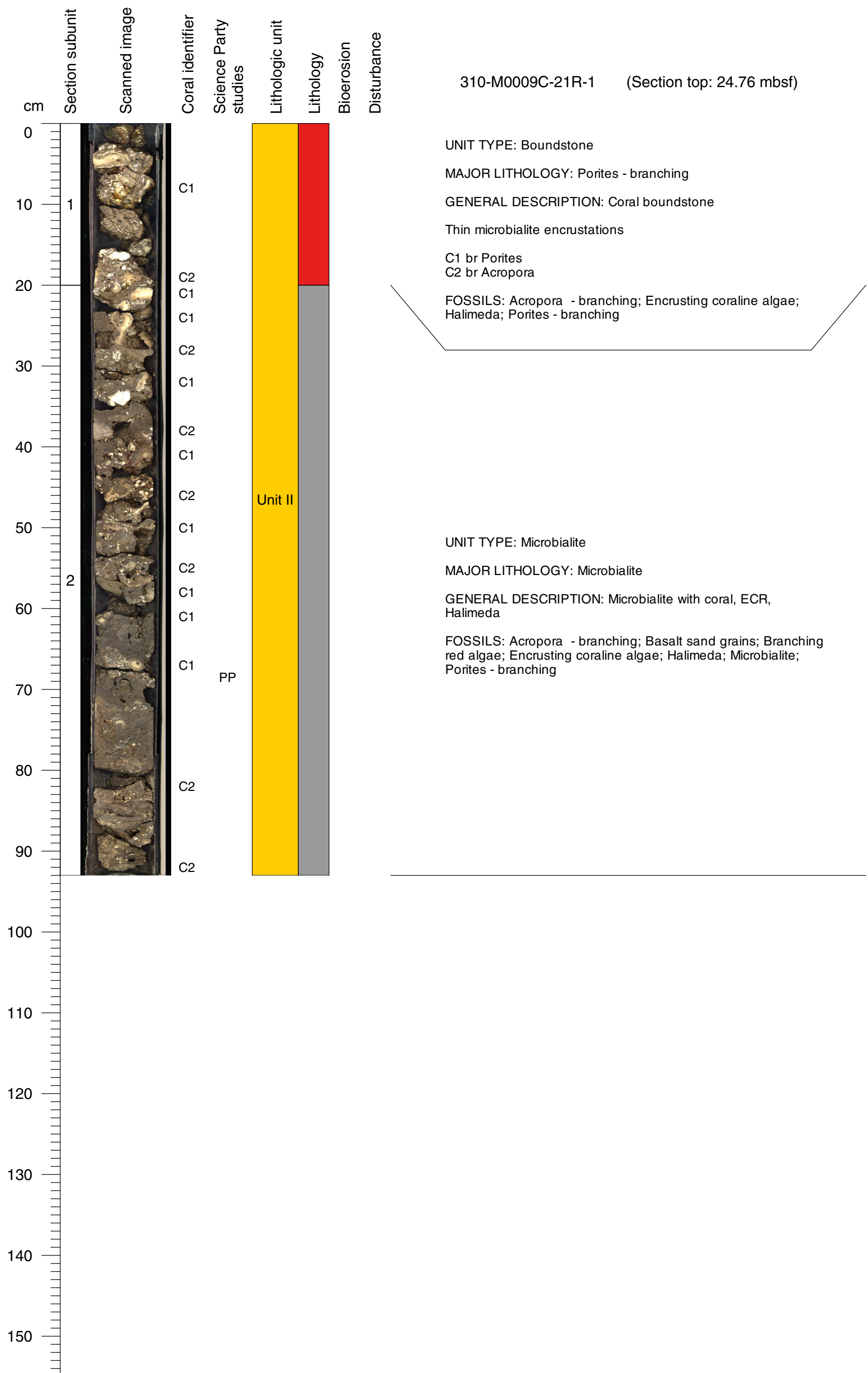
Core Photo

310-M0009C-20R-1 (Section top: 22.72 mbsf)

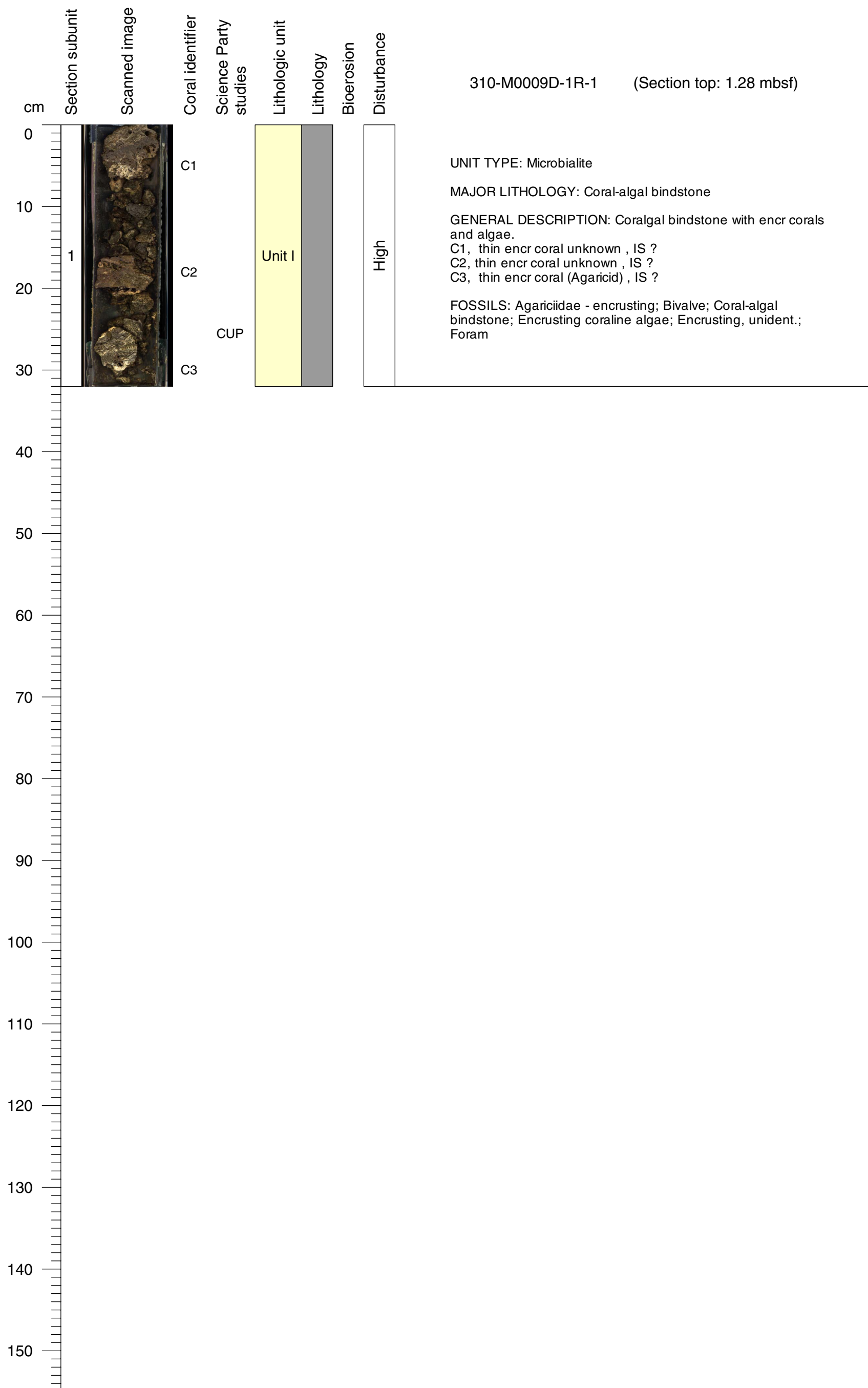


Core Photo

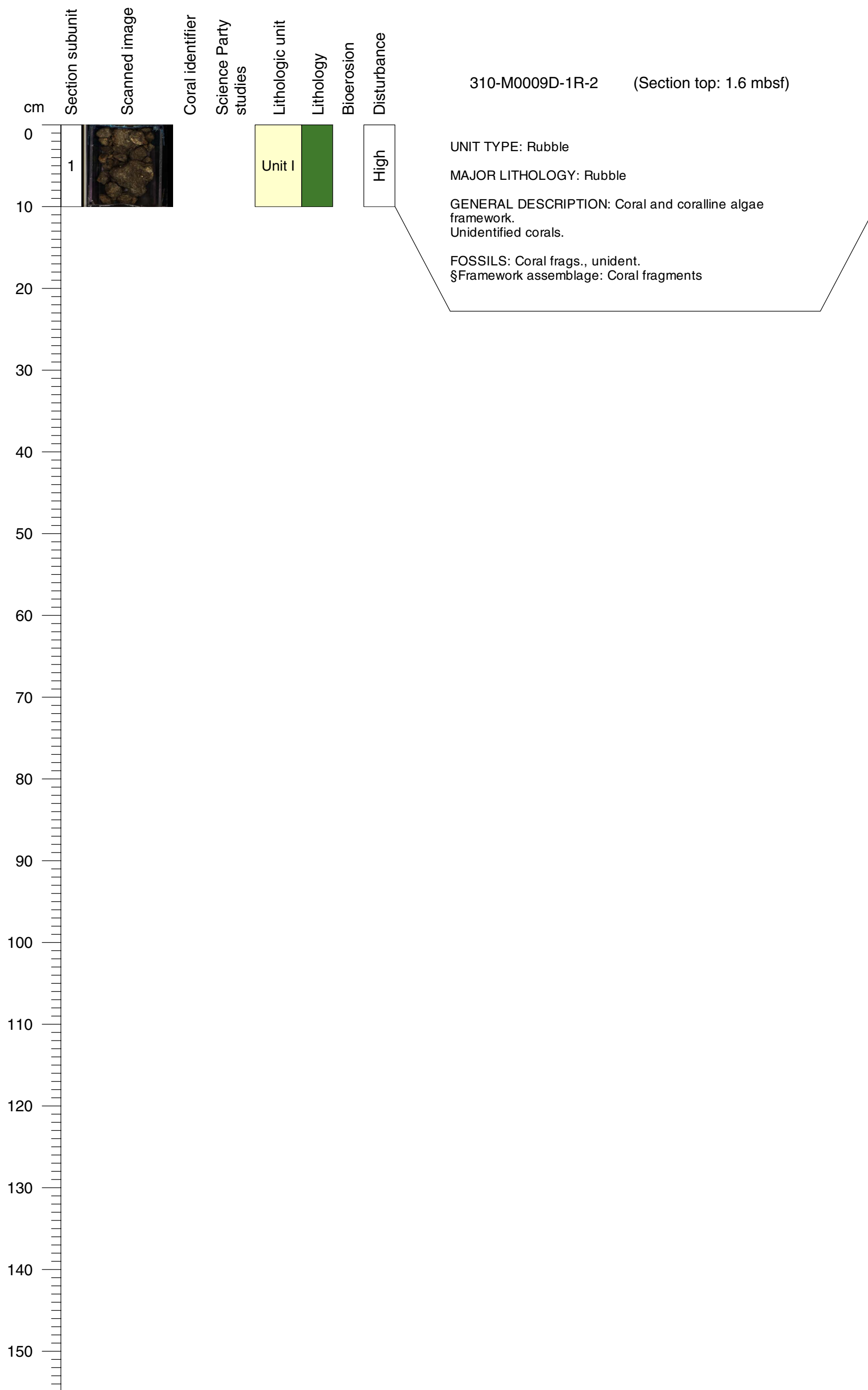
310-M0009C-21R-1 (Section top: 24.76 mbsf)



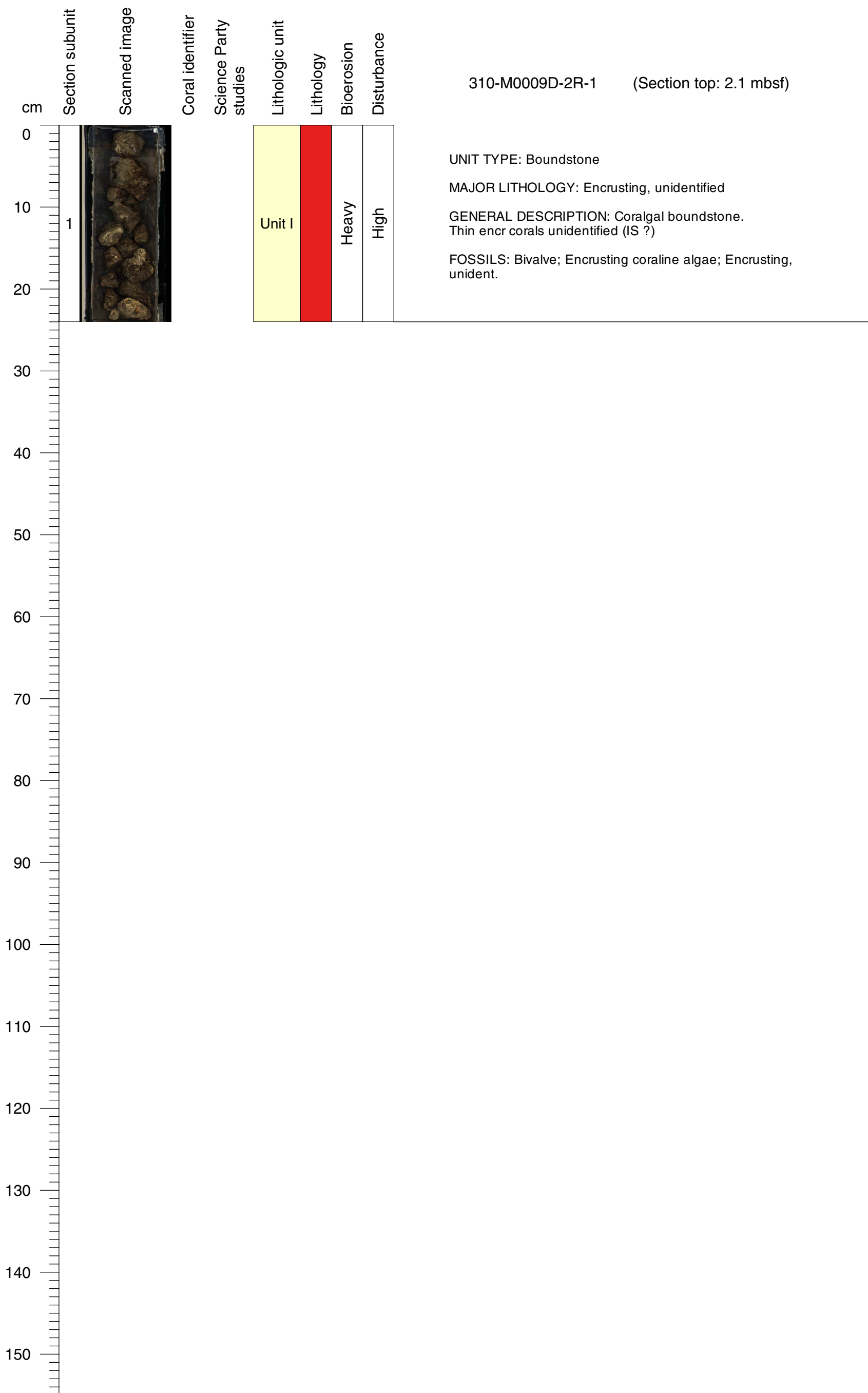
Core Photo



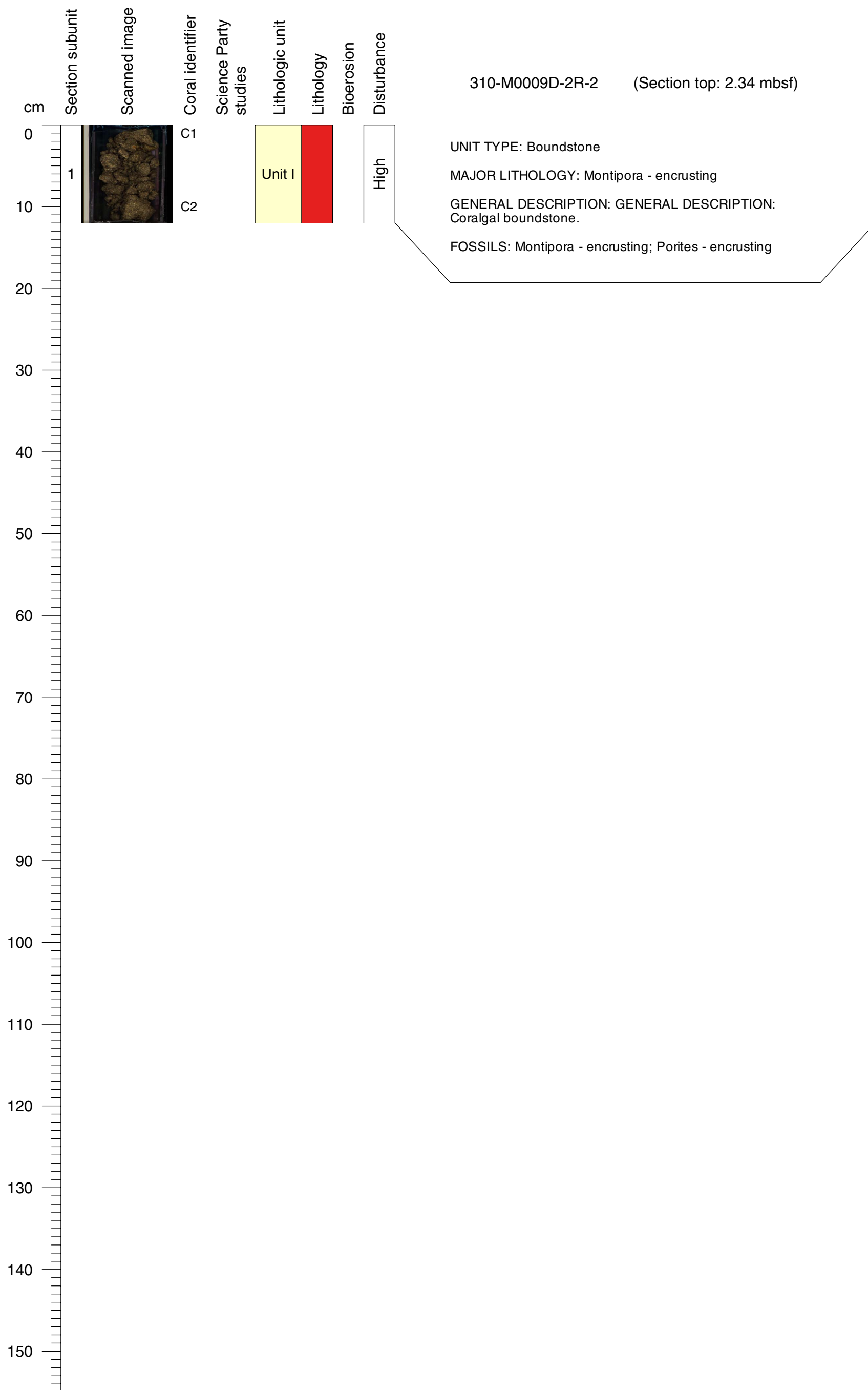
Core Photo



Core Photo

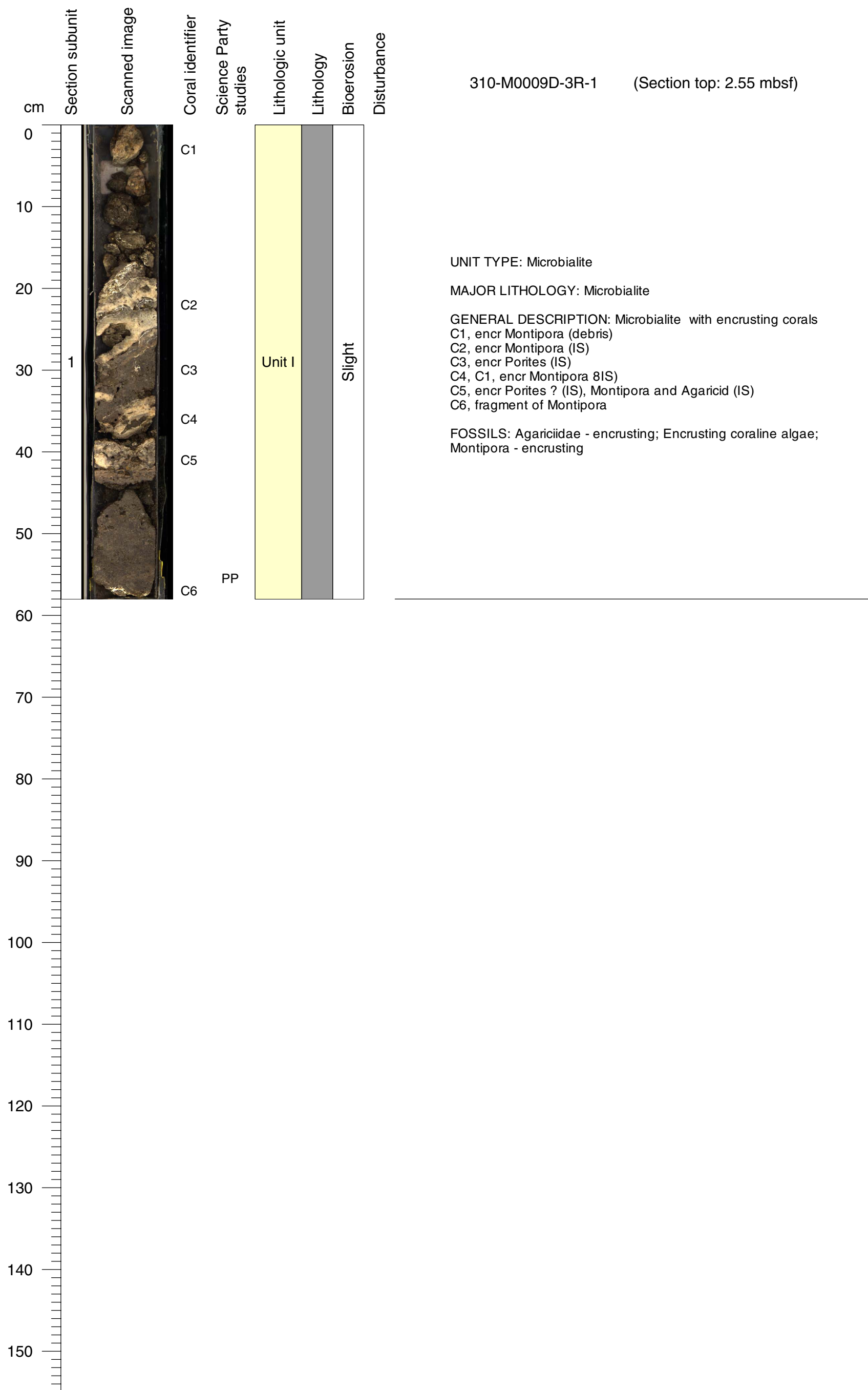


Core Photo

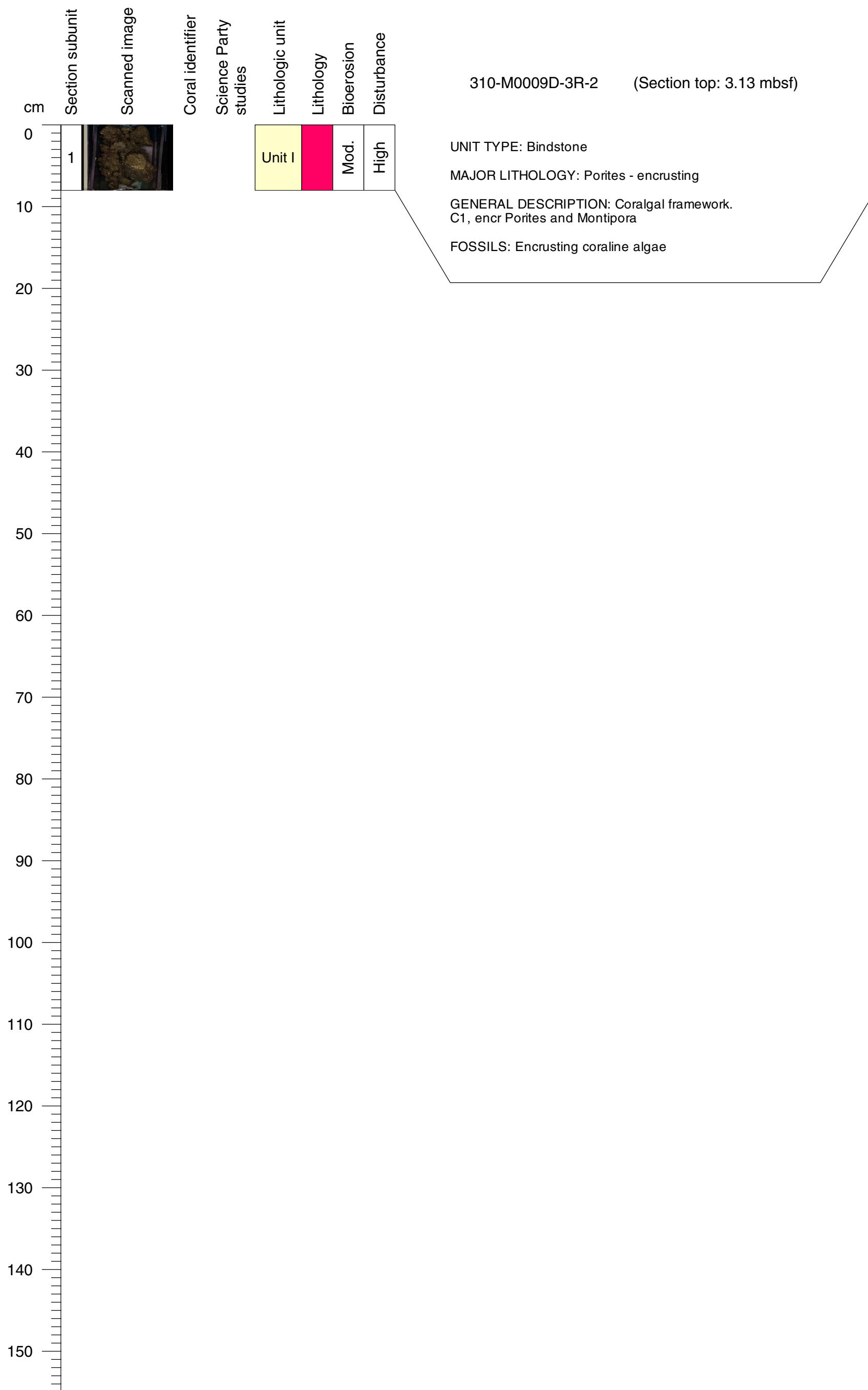


Core Photo

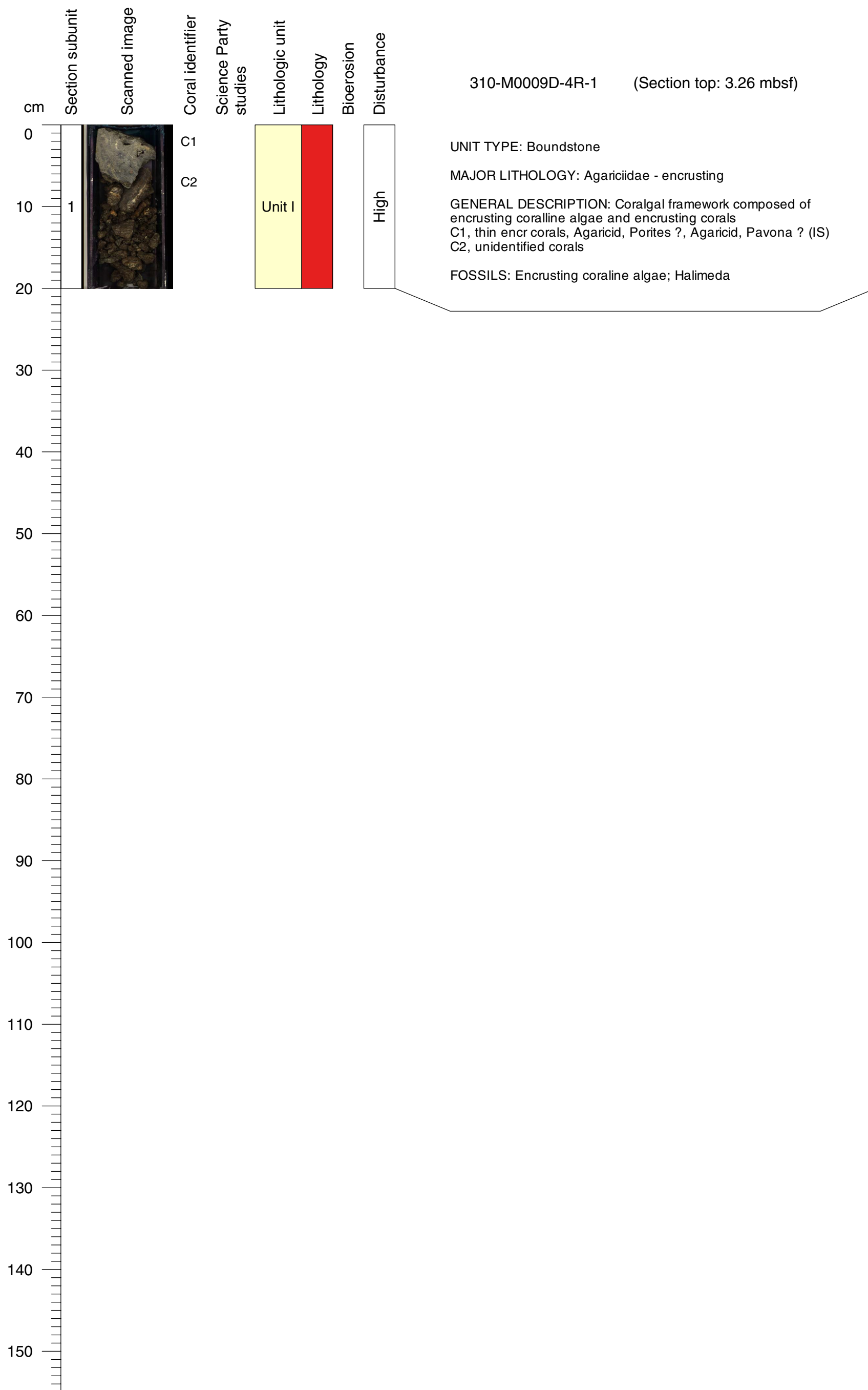
310-M0009D-3R-1 (Section top: 2.55 mbsf)



Core Photo

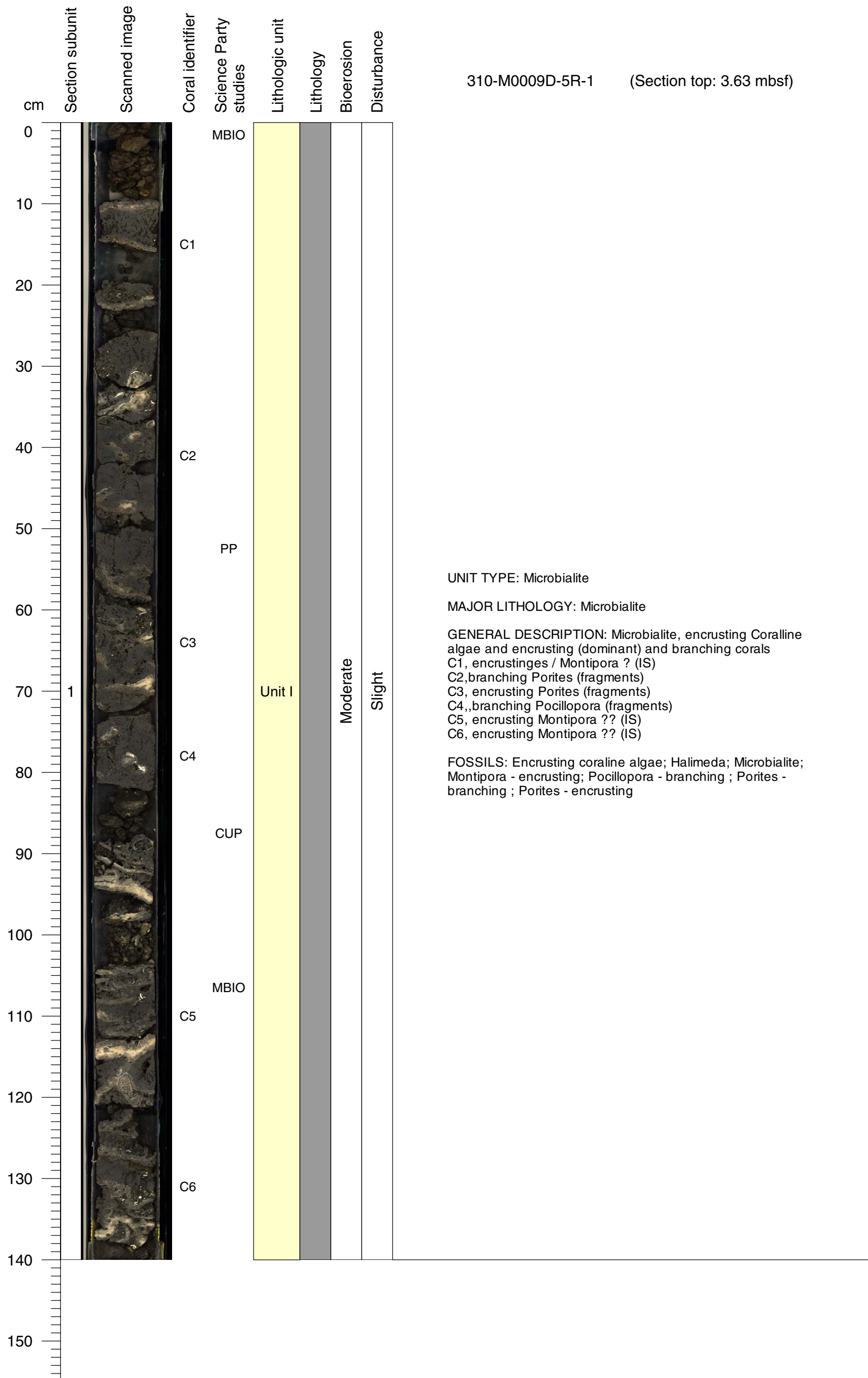


Core Photo



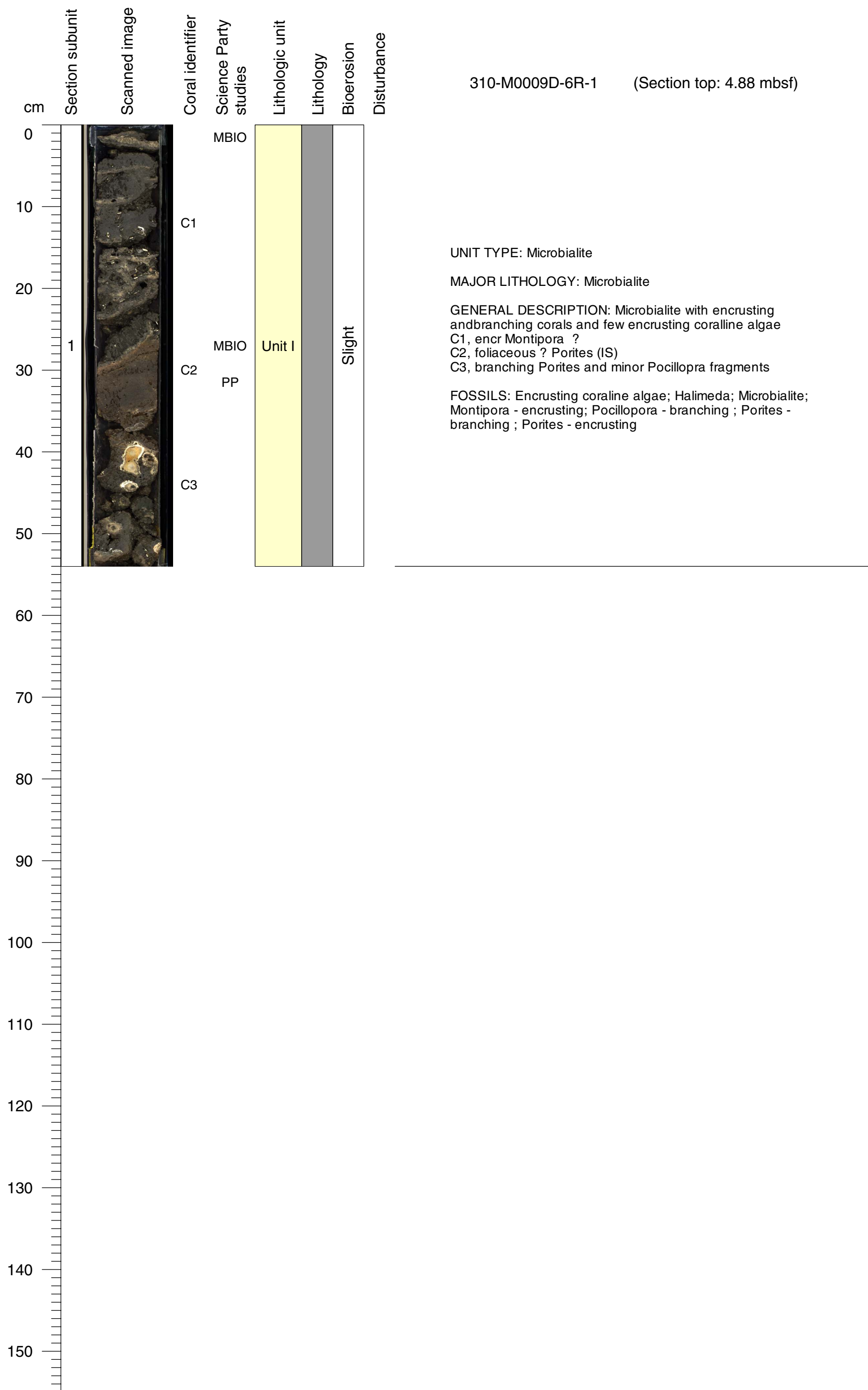
Core Photo

310-M0009D-5R-1 (Section top: 3.63 mbsf)

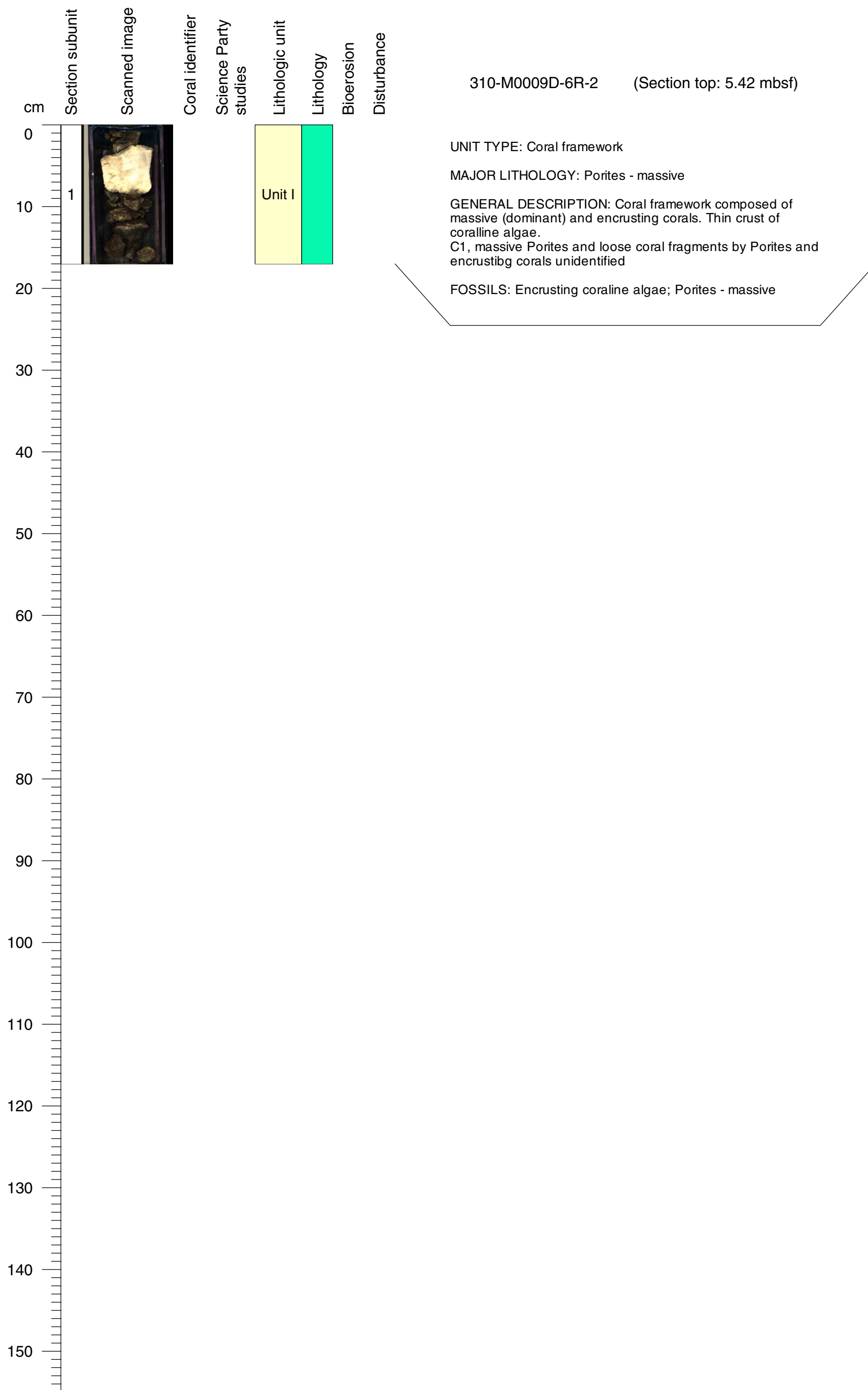


Core Photo

310-M0009D-6R-1 (Section top: 4.88 mbsf)

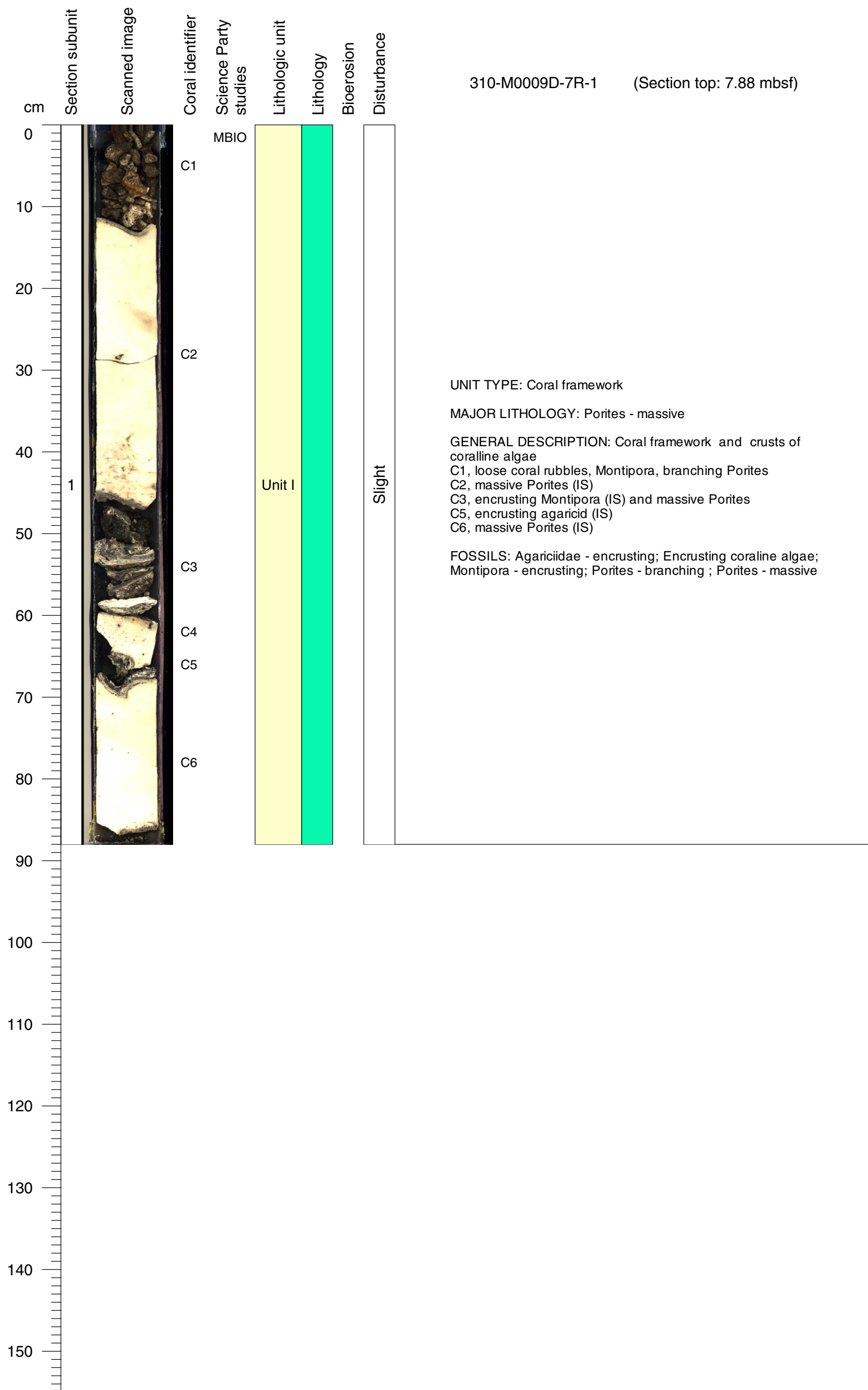


Core Photo



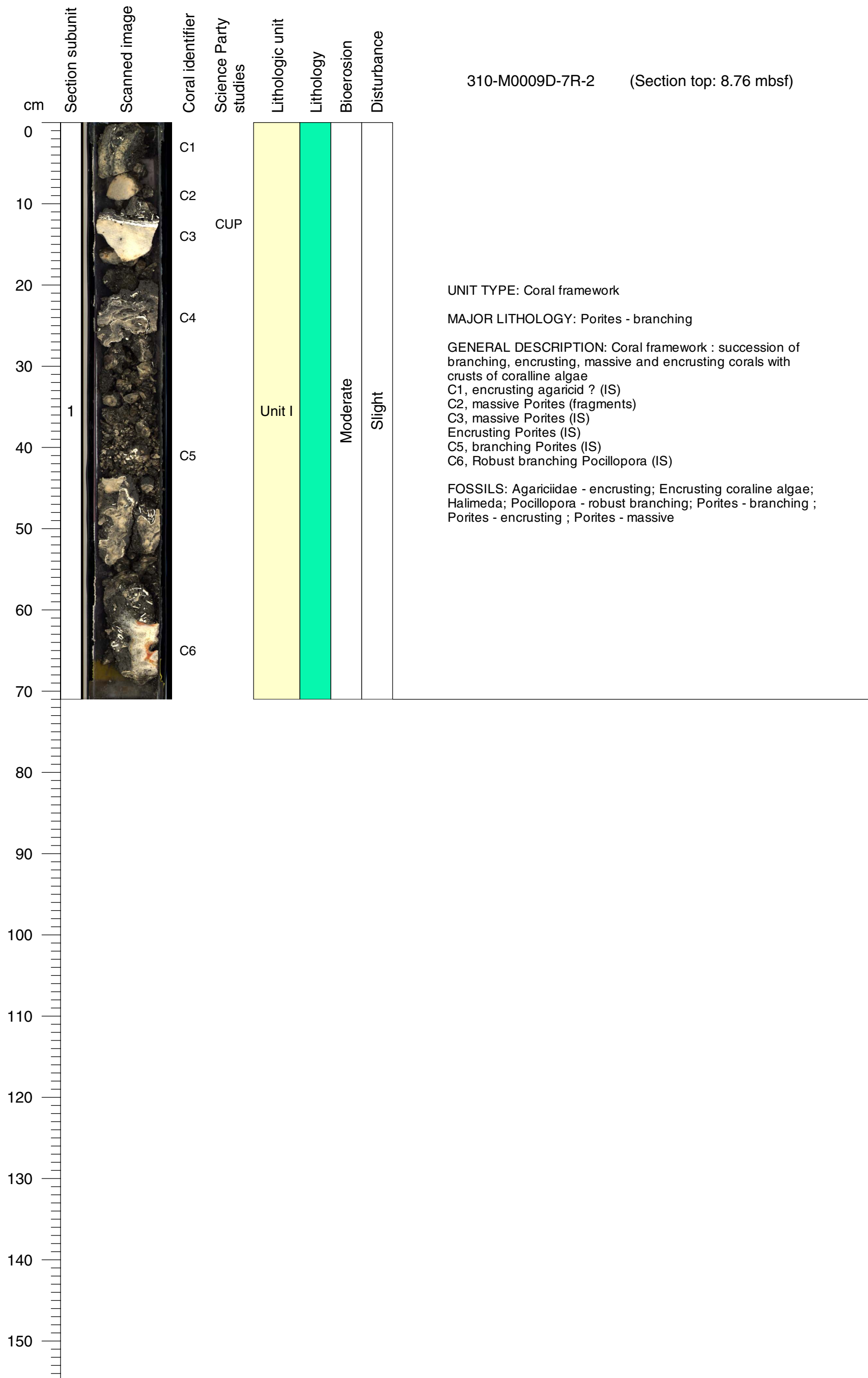
Core Photo

310-M0009D-7R-1 (Section top: 7.88 mbsf)

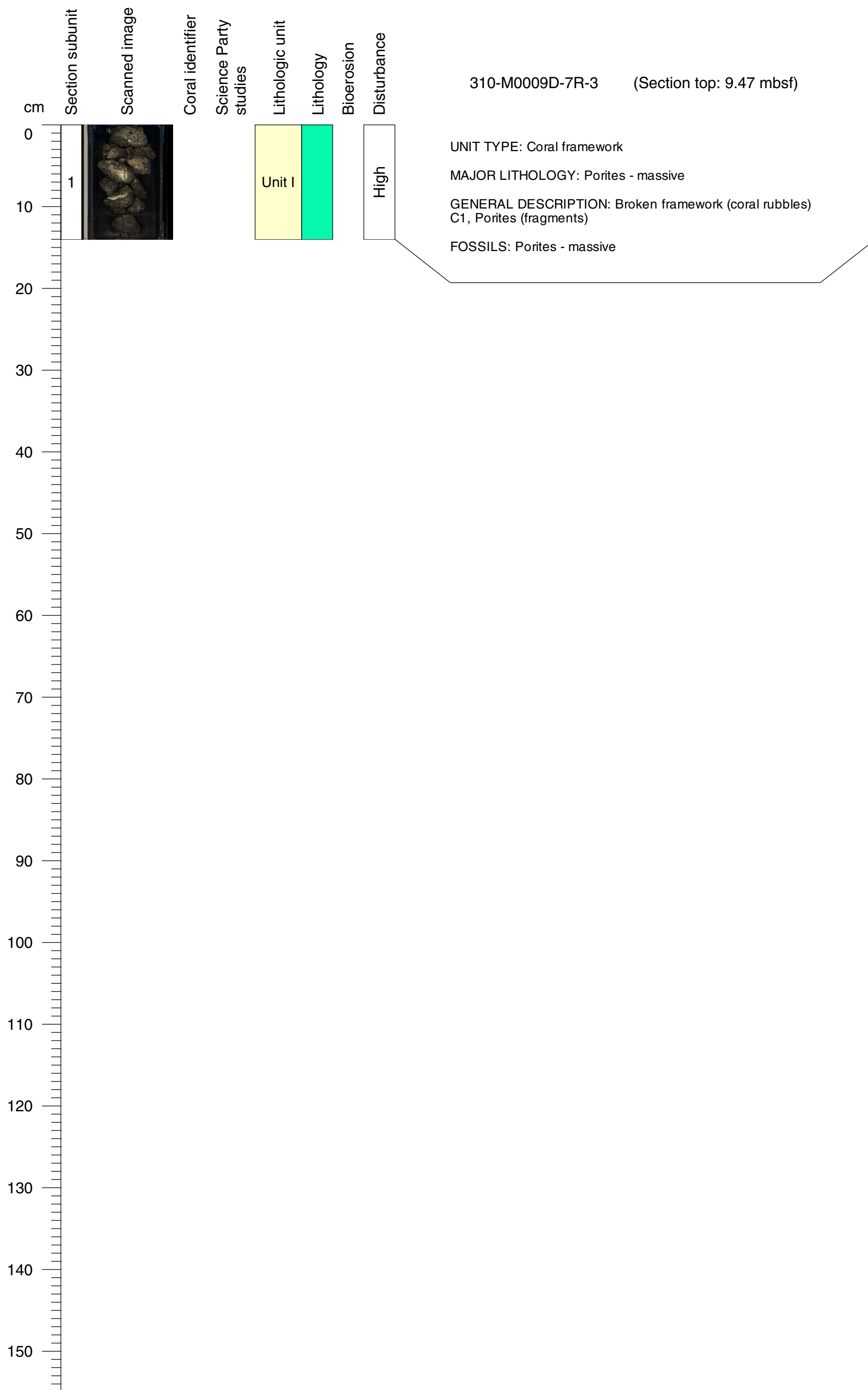


Core Photo

310-M0009D-7R-2 (Section top: 8.76 mbsf)

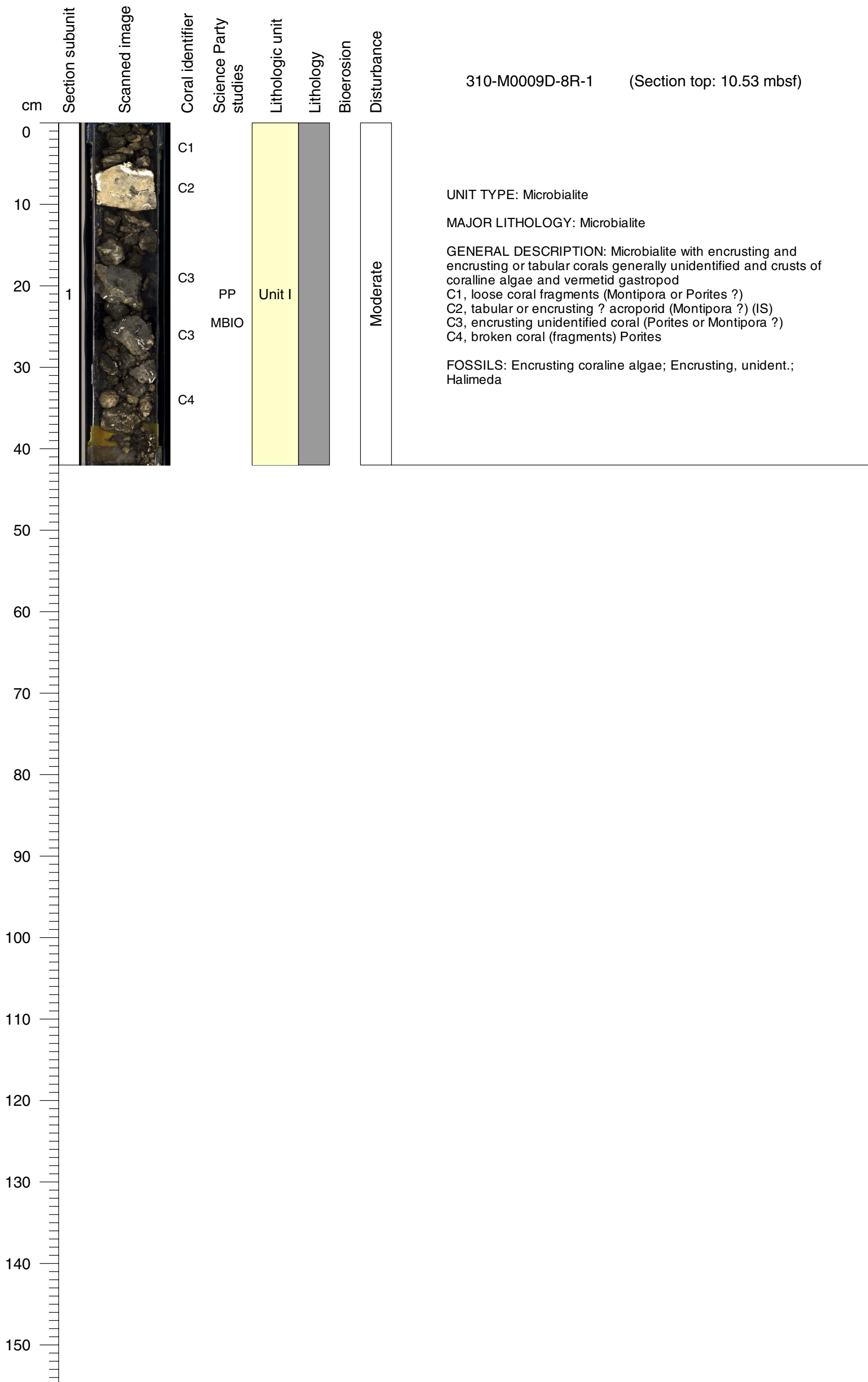


Core Photo

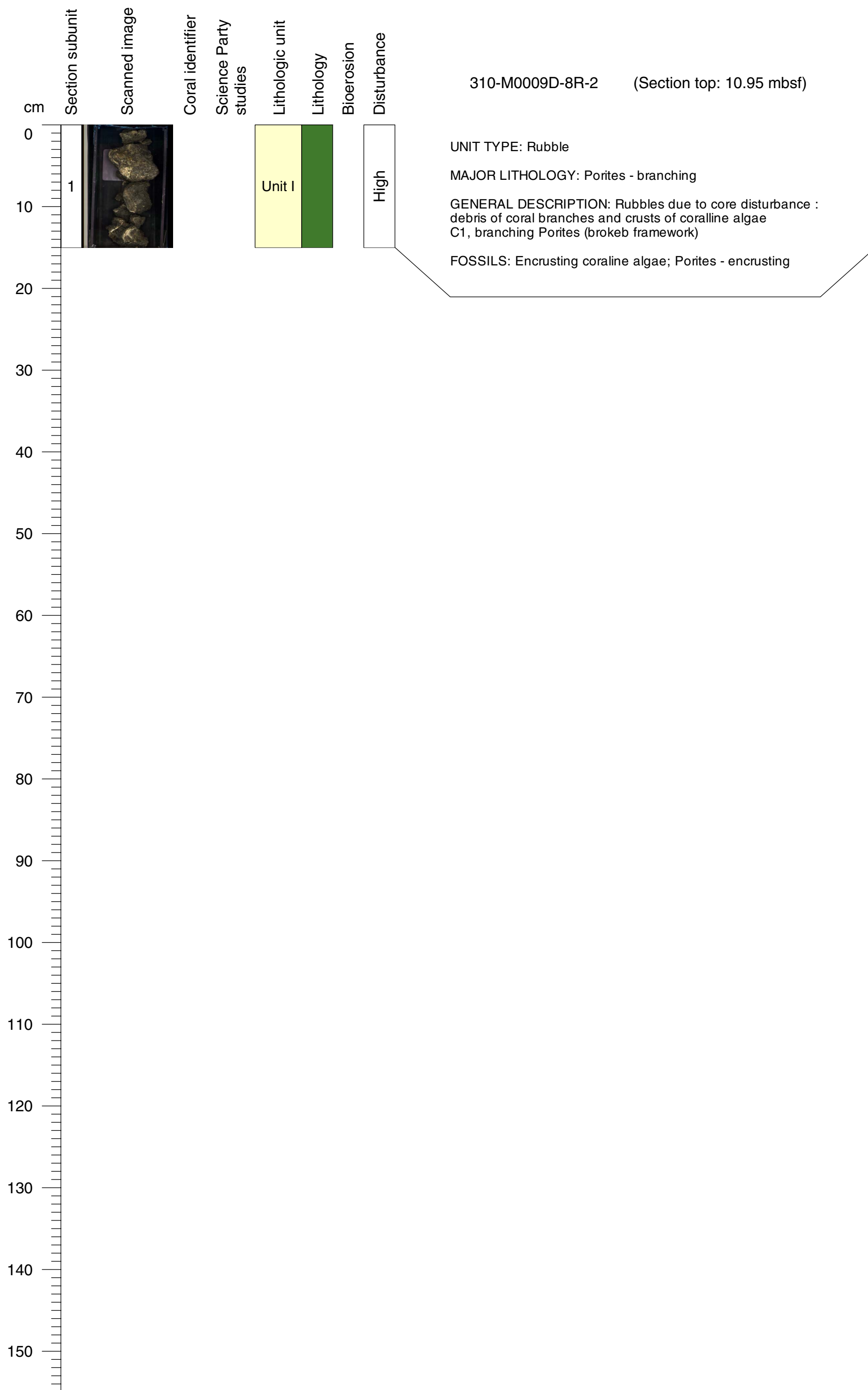


Core Photo

310-M0009D-8R-1 (Section top: 10.53 mbsf)

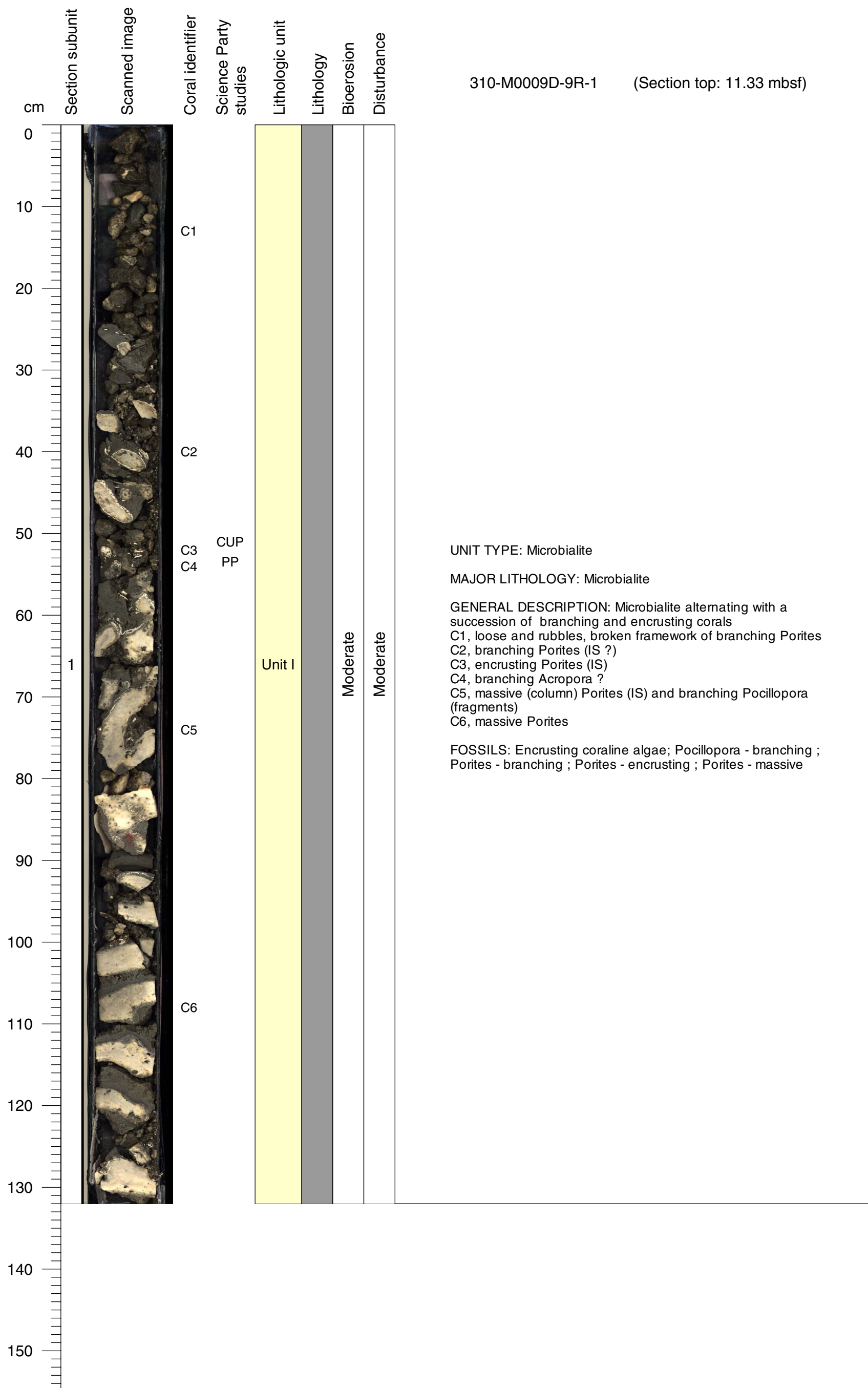


Core Photo

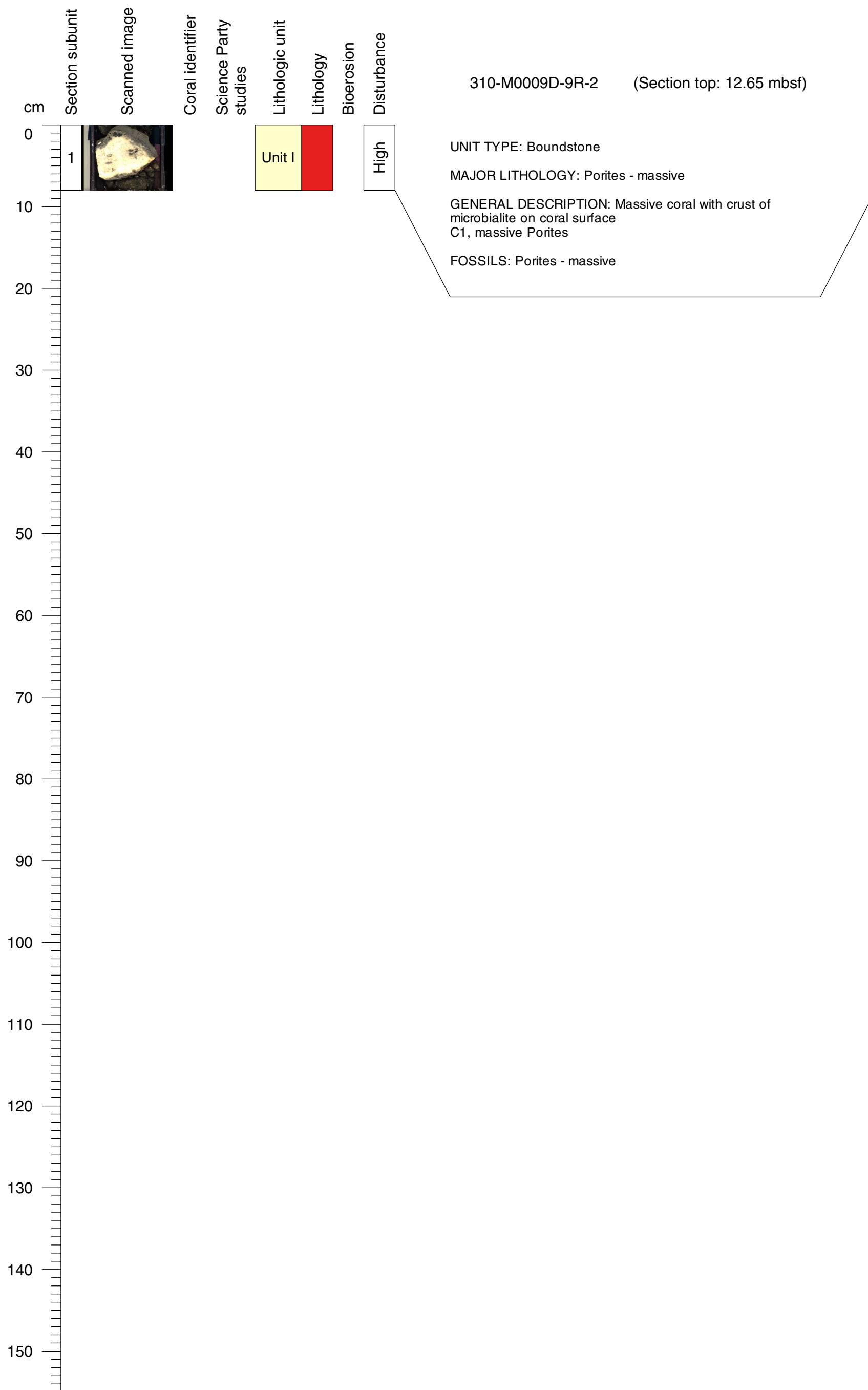


Core Photo

310-M0009D-9R-1 (Section top: 11.33 mbsf)

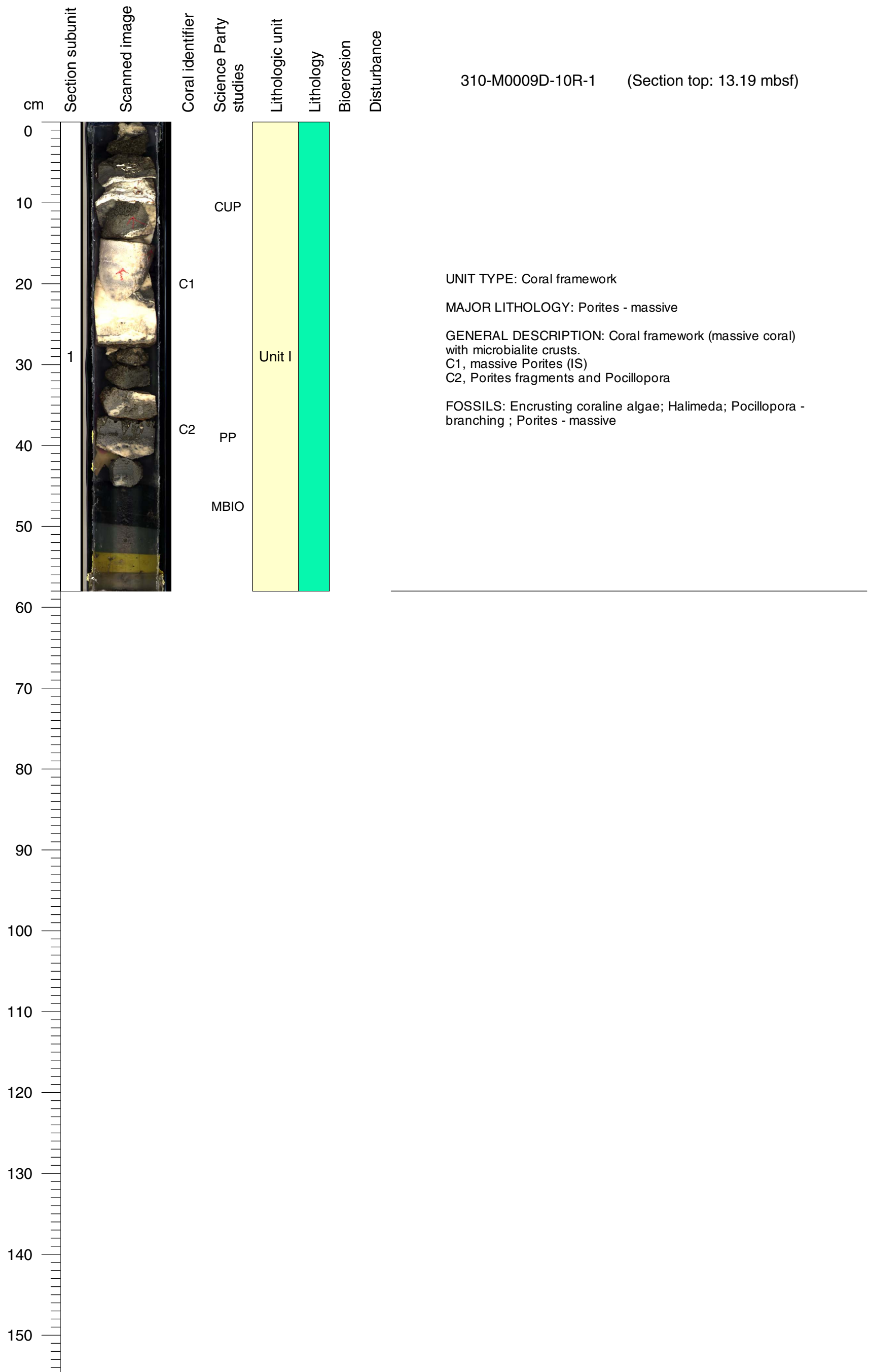


Core Photo



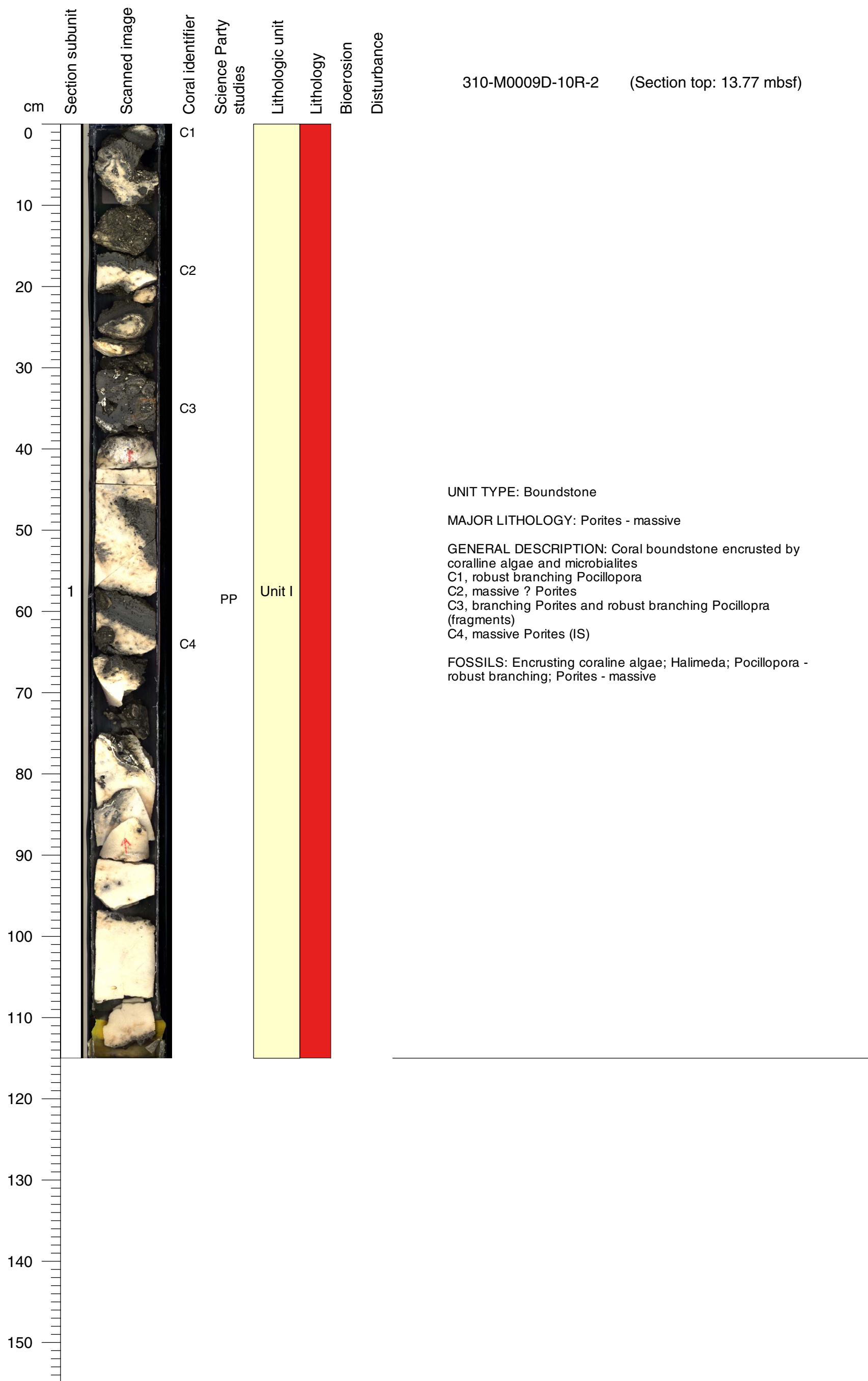
Core Photo

310-M0009D-10R-1 (Section top: 13.19 mbsf)

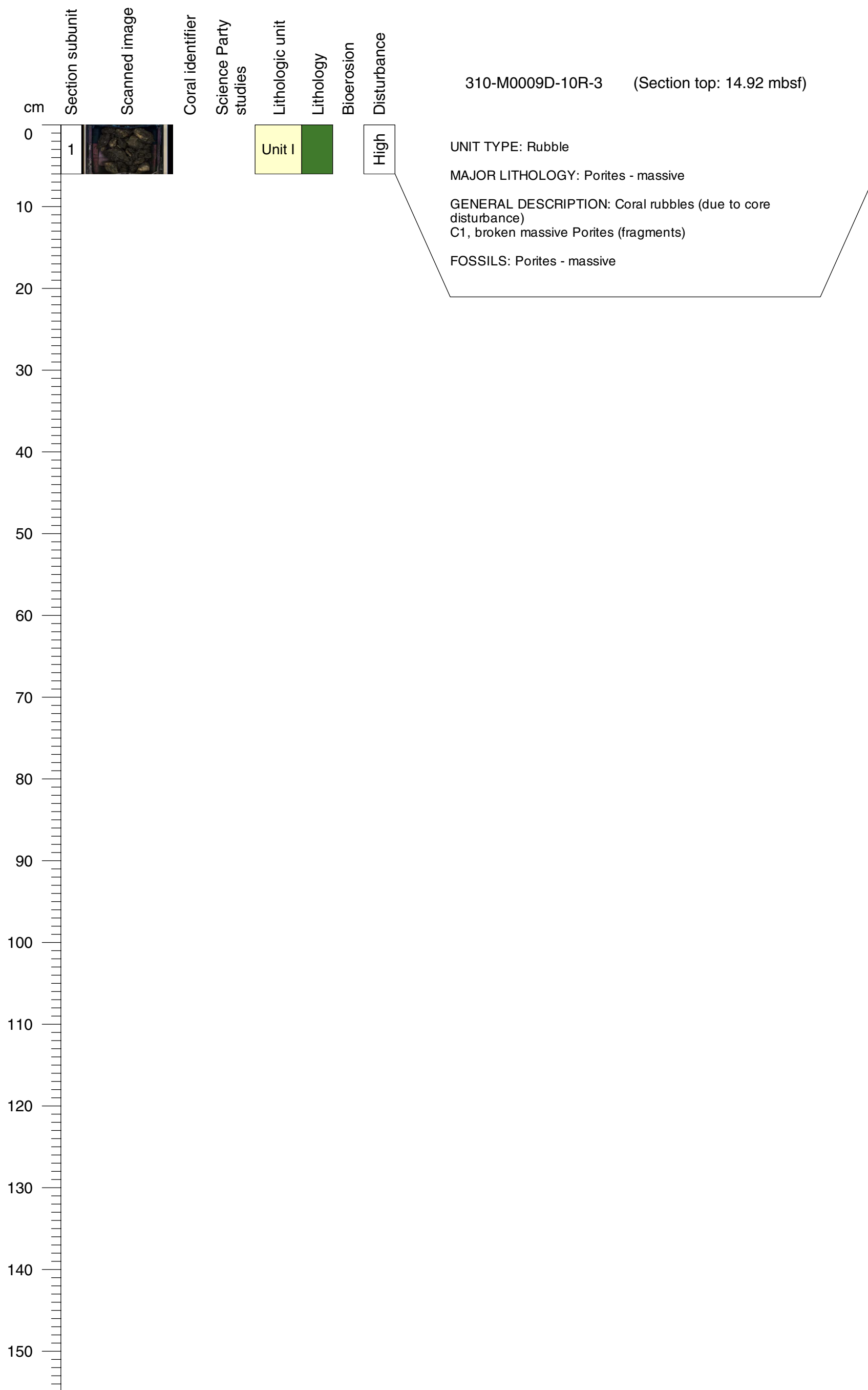


Core Photo

310-M0009D-10R-2 (Section top: 13.77 mbsf)

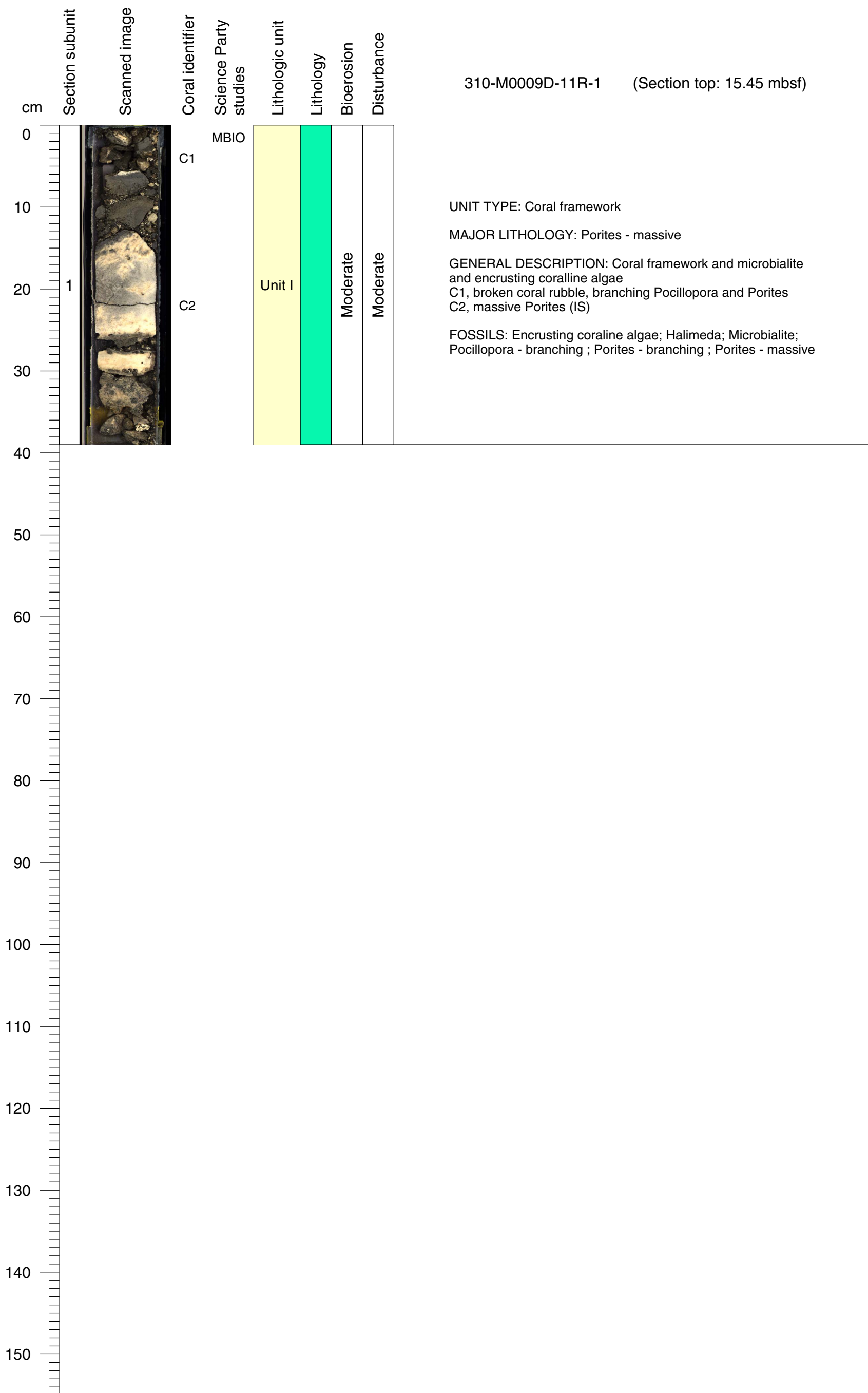


Core Photo

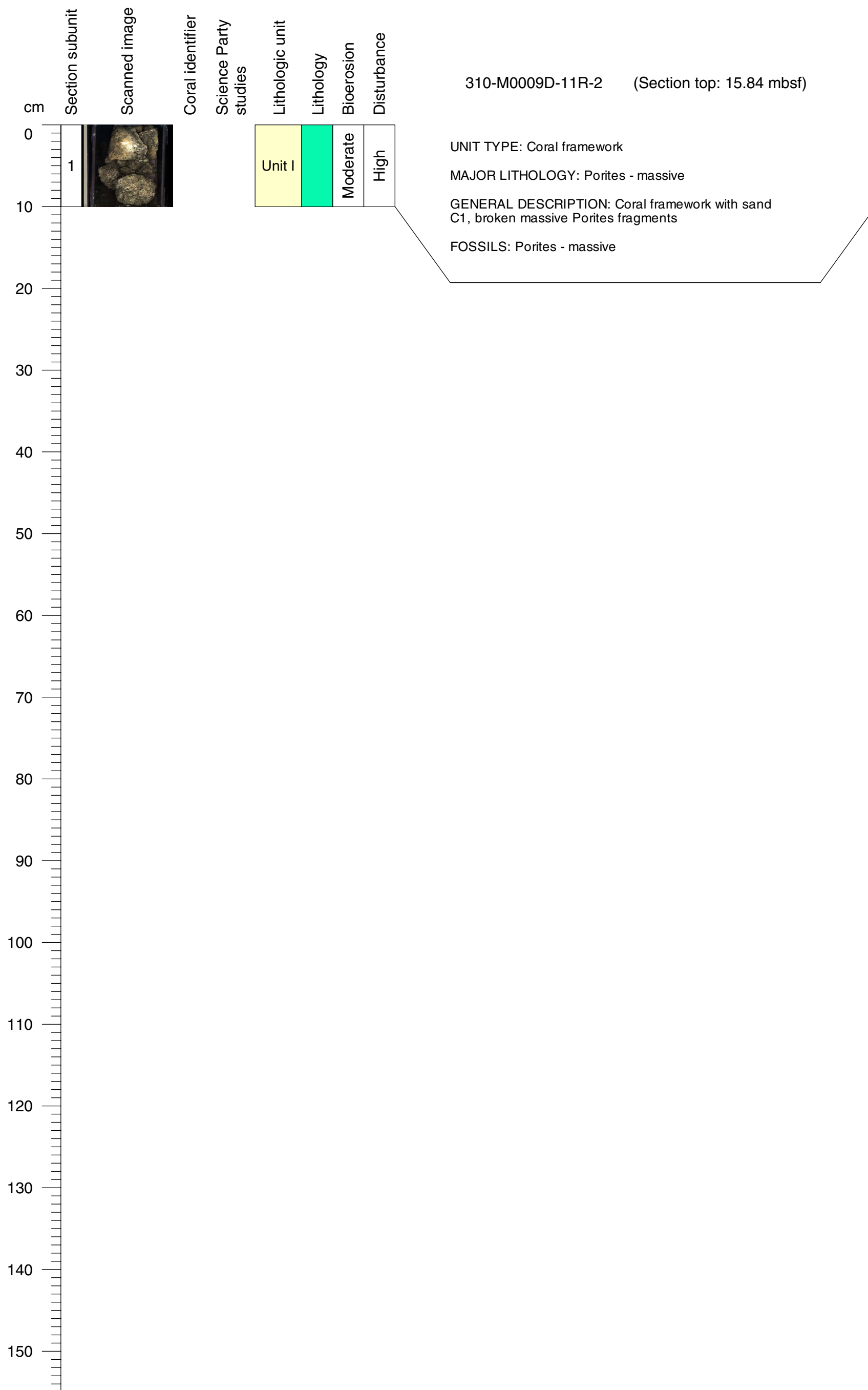


Core Photo

310-M0009D-11R-1 (Section top: 15.45 mbsf)

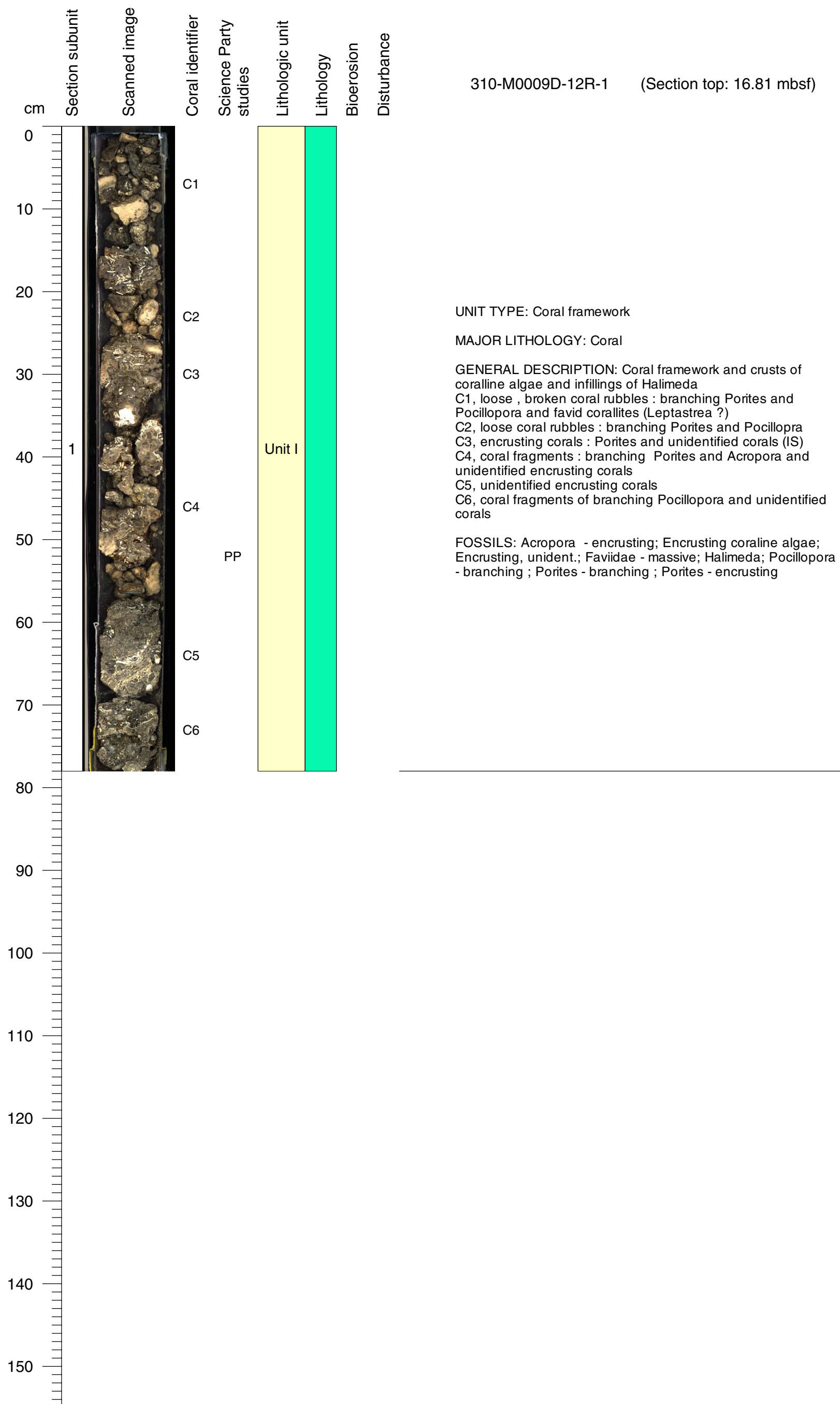


Core Photo



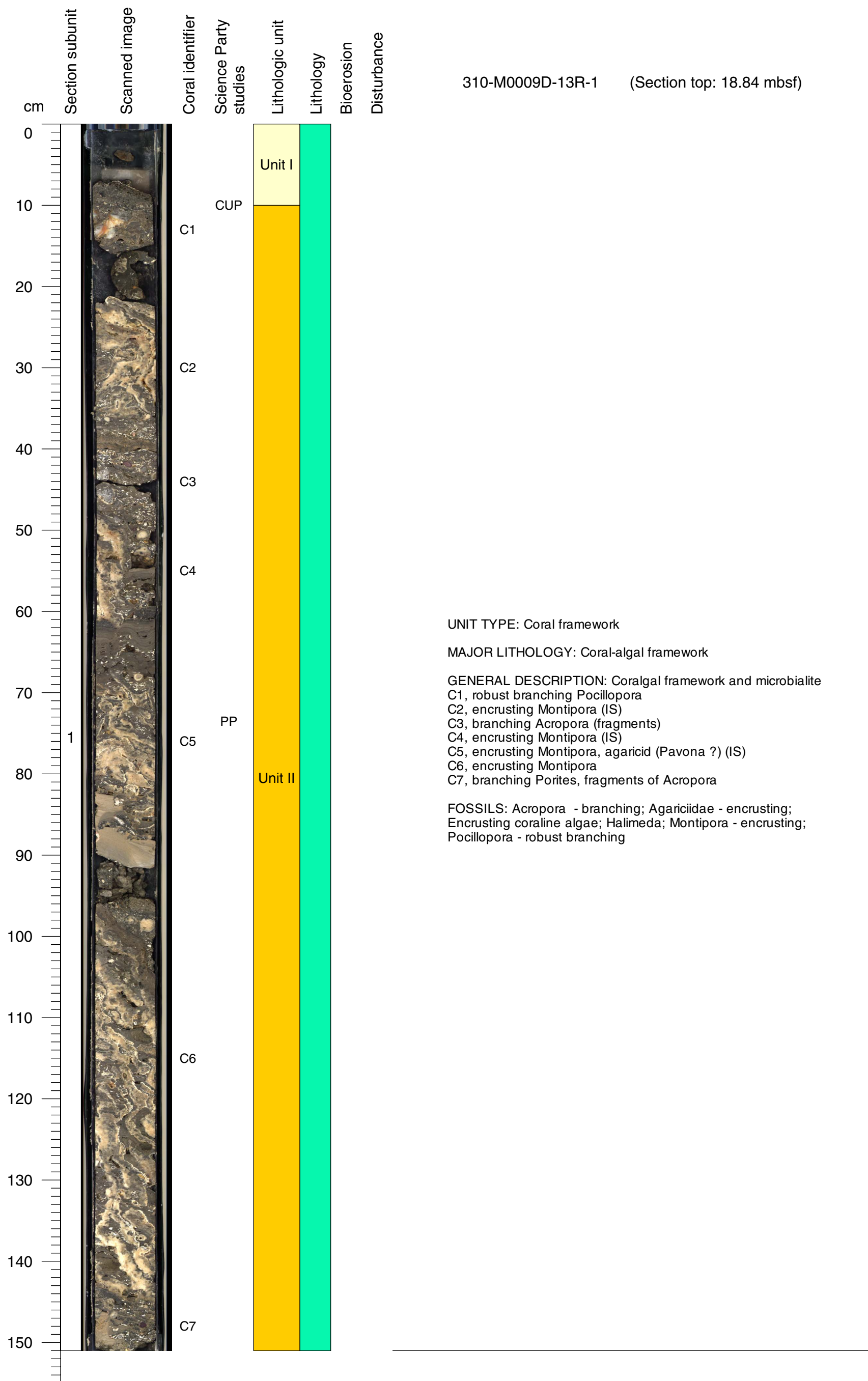
Core Photo

310-M0009D-12R-1 (Section top: 16.81 mbsf)



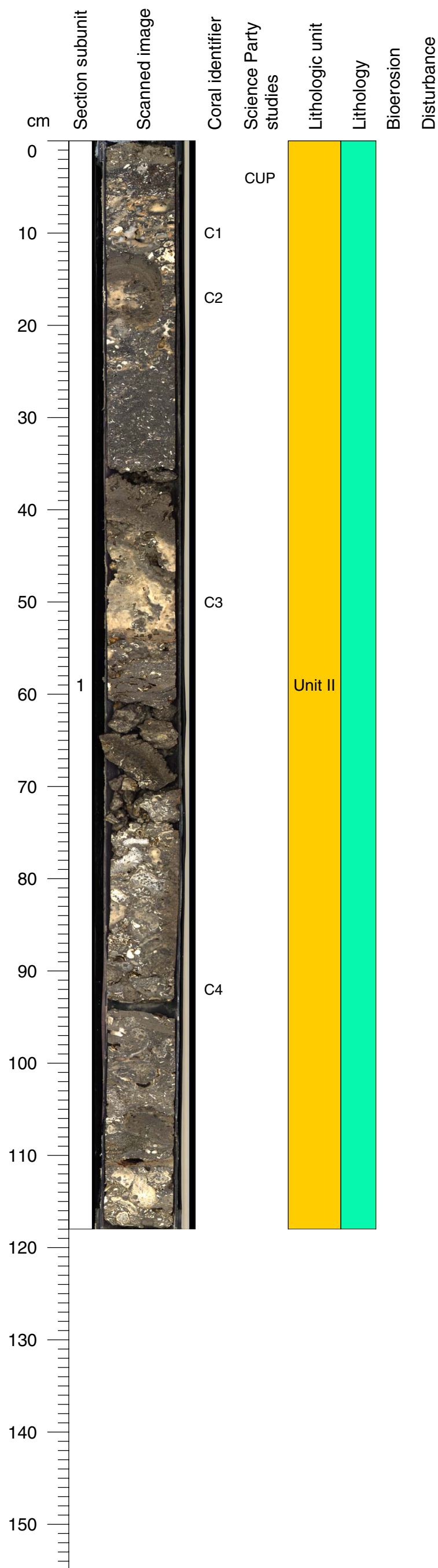
Core Photo

310-M0009D-13R-1 (Section top: 18.84 mbsf)



Core Photo

310-M0009D-13R-2 (Section top: 20.35 mbsf)



UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Coral-algal framework

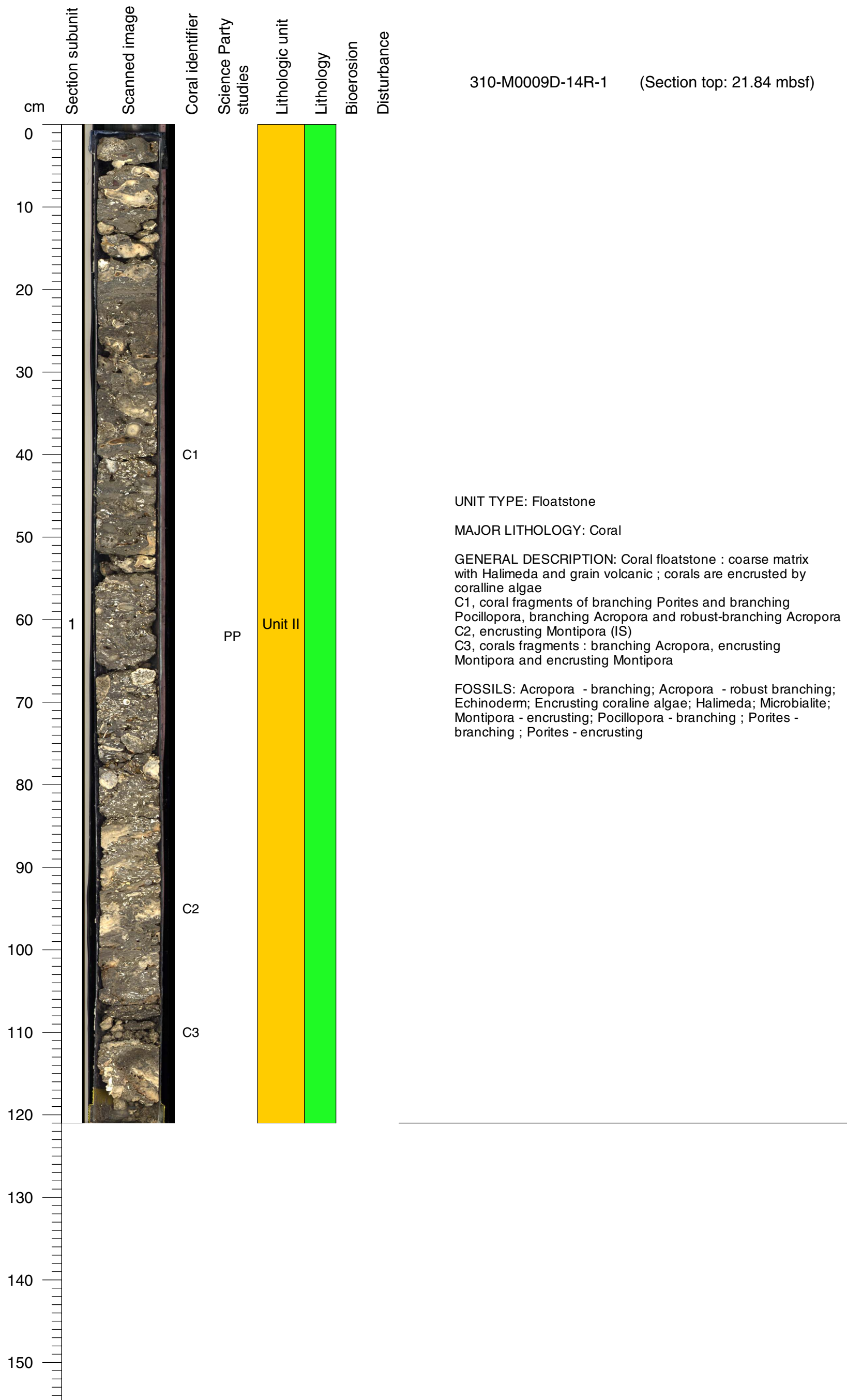
GENERAL DESCRIPTION: Coralgal framework with microbialites interbedded ; boring bivalves and volcanic grains
 C1, branching Pocillopora and branching Acropora (fragments)
 C2, Porites
 C3, encrusting Montipora (IS)
 C4, coral fragments : branching Pocillopora and Acropora end encrusting Montipora (fragments)

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



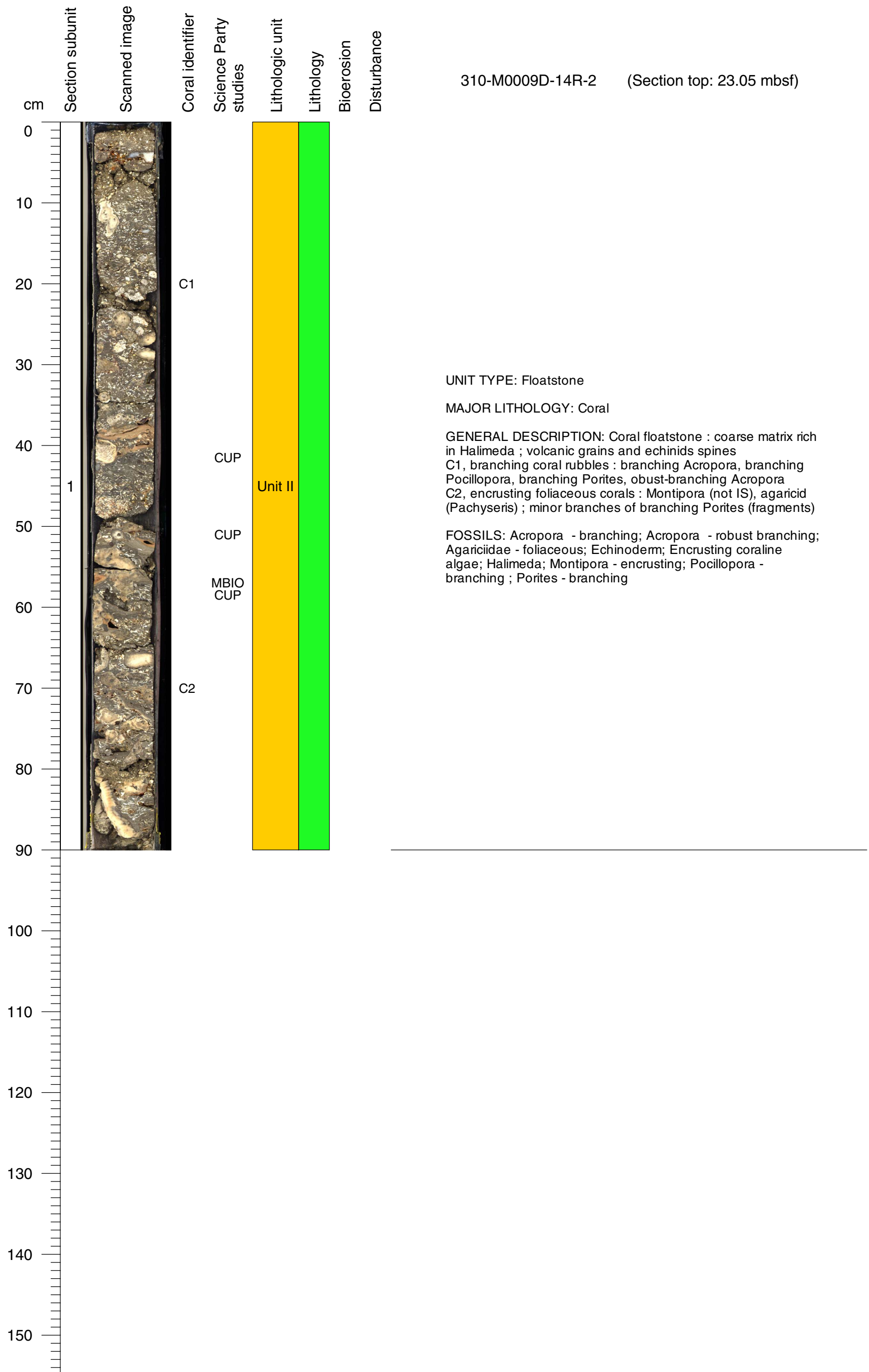
Core Photo

310-M0009D-14R-1 (Section top: 21.84 mbsf)

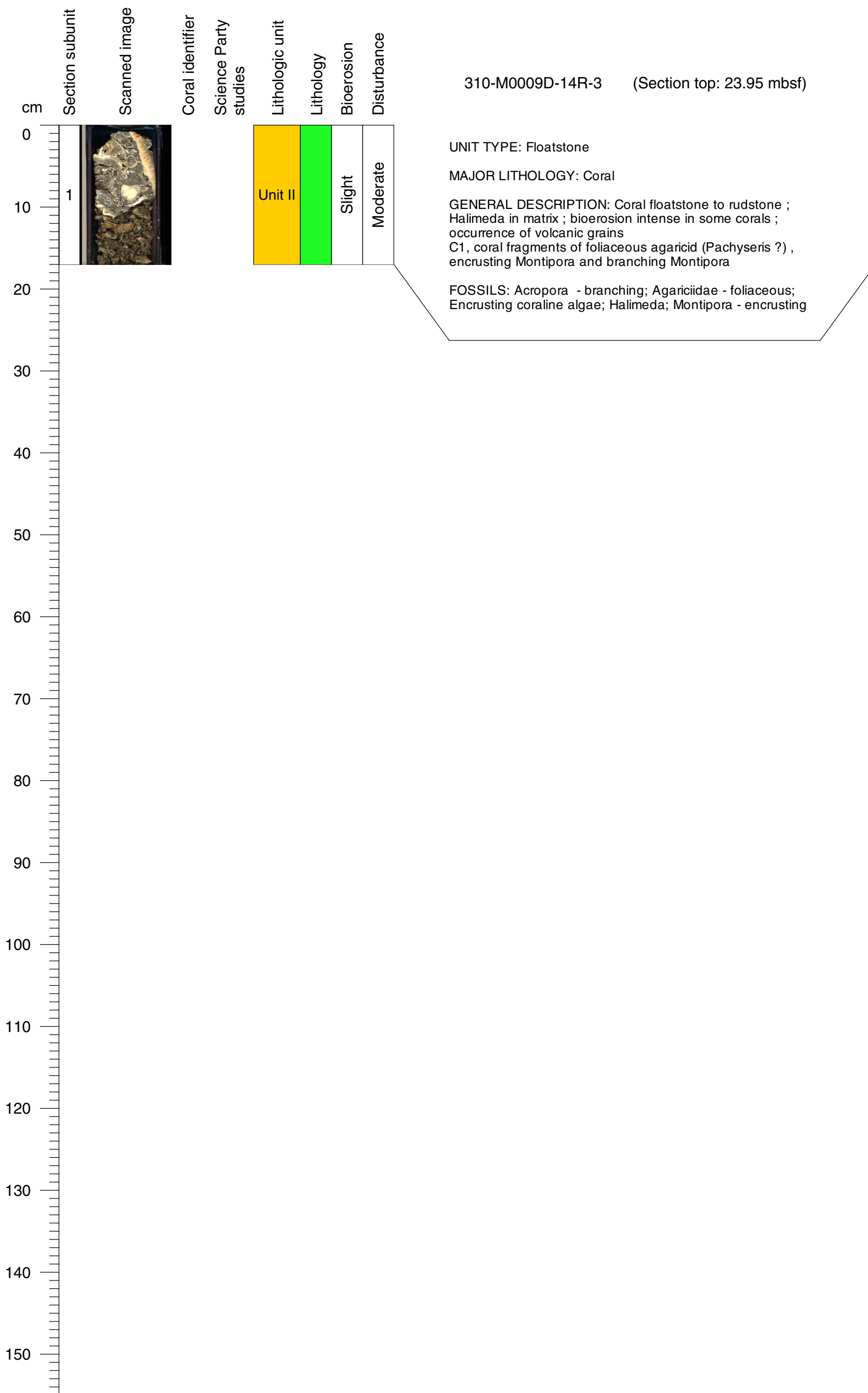


Core Photo

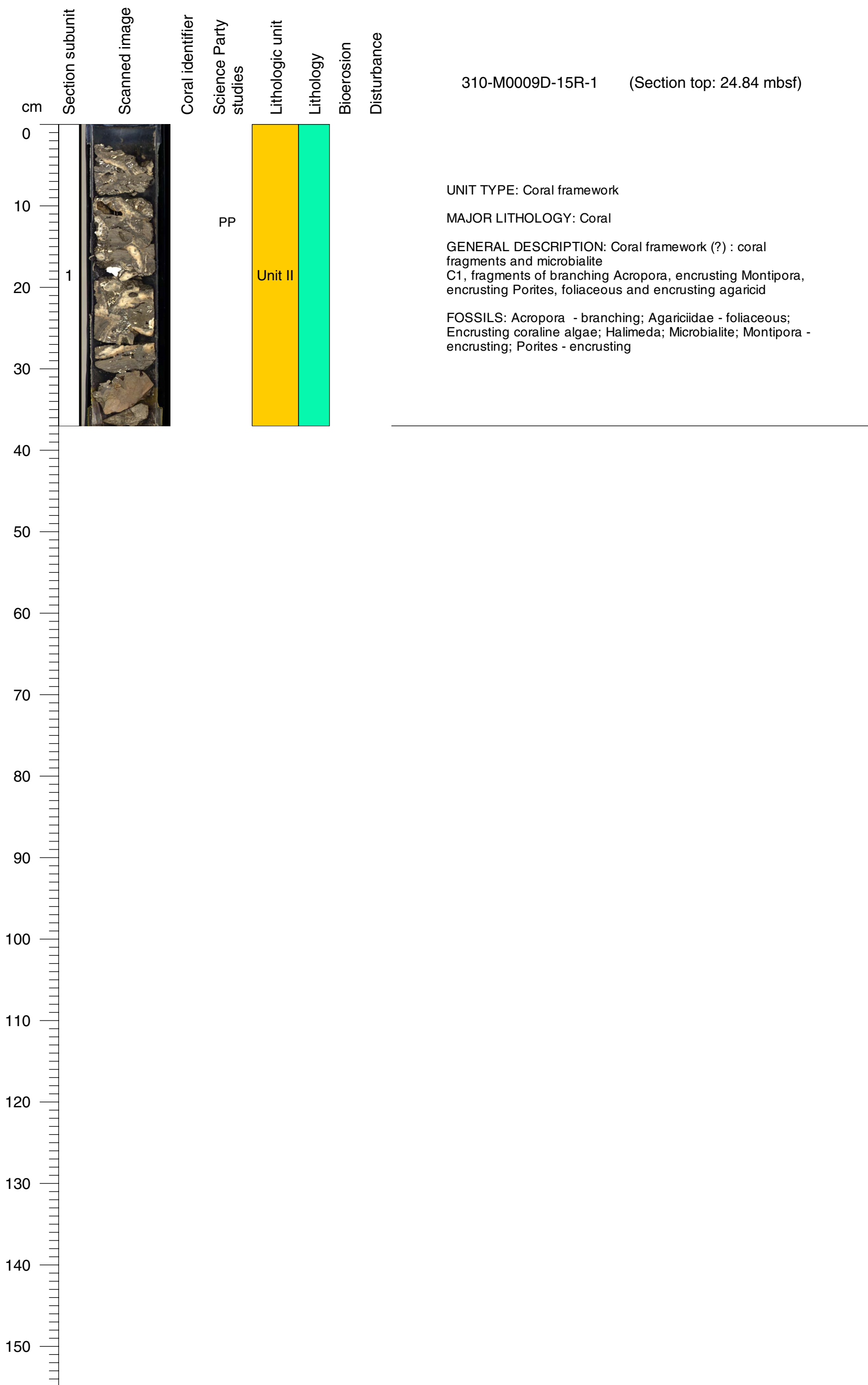
310-M0009D-14R-2 (Section top: 23.05 mbsf)



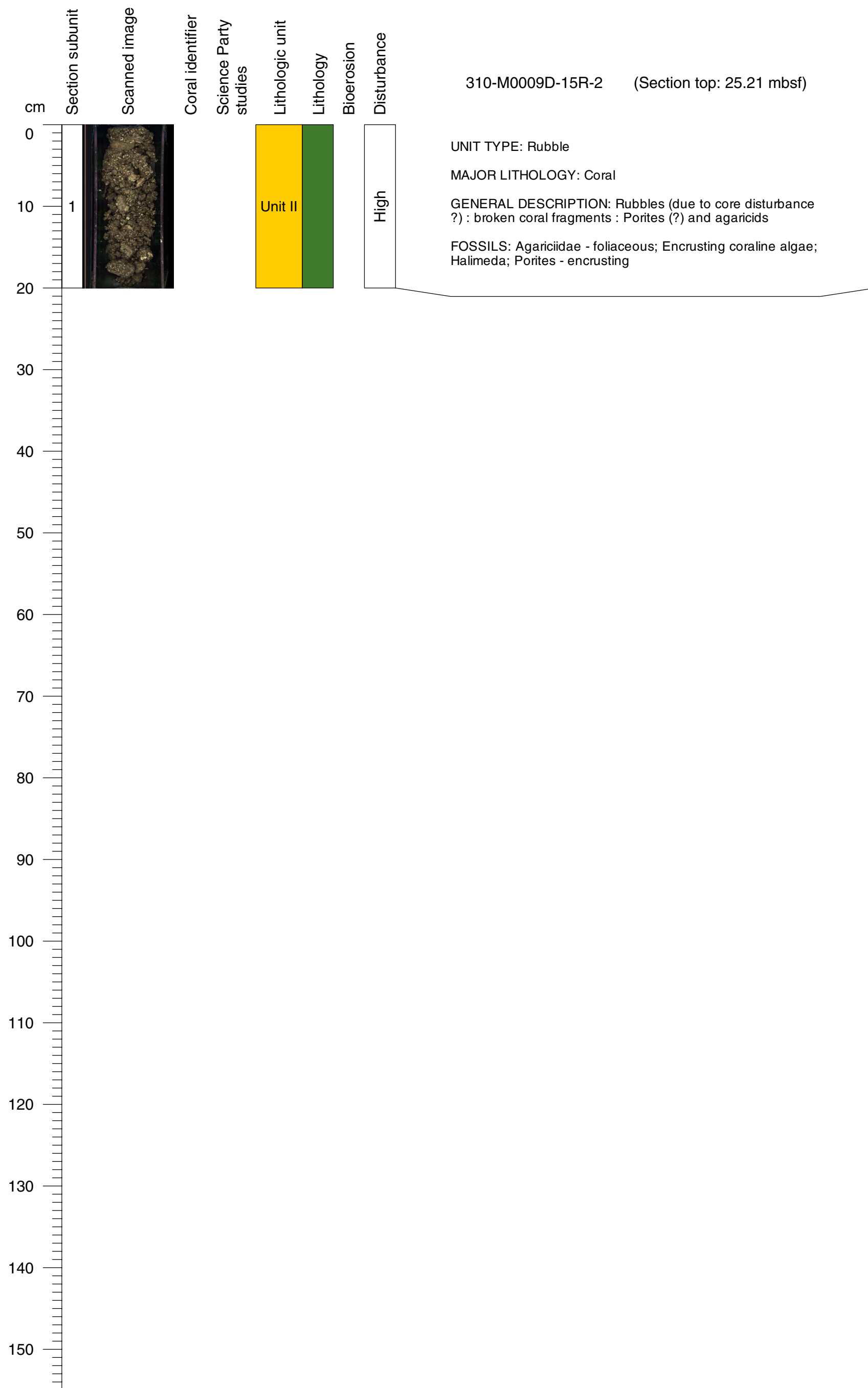
Core Photo



Core Photo

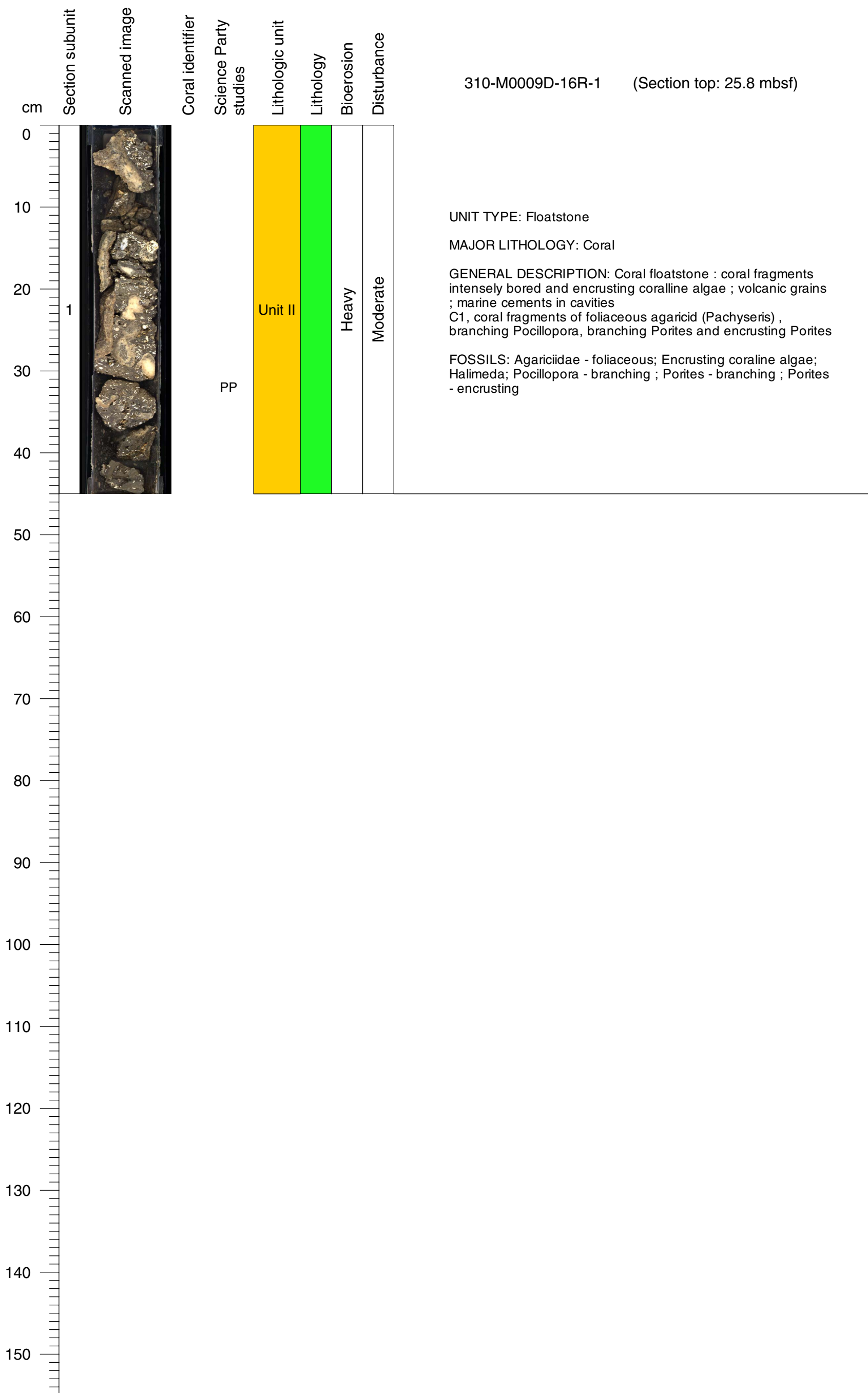


Core Photo



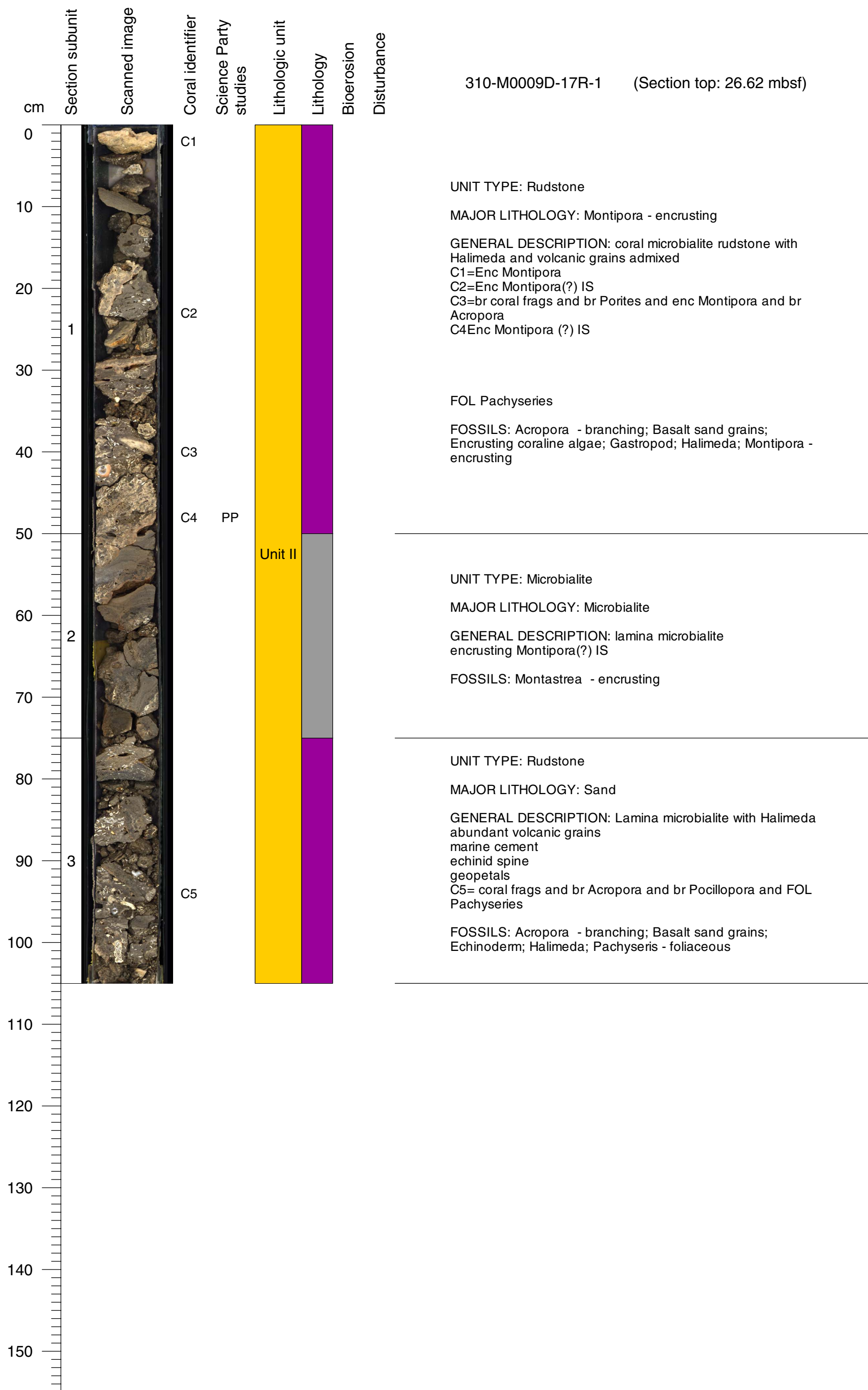
Core Photo

310-M0009D-16R-1 (Section top: 25.8 mbsf)

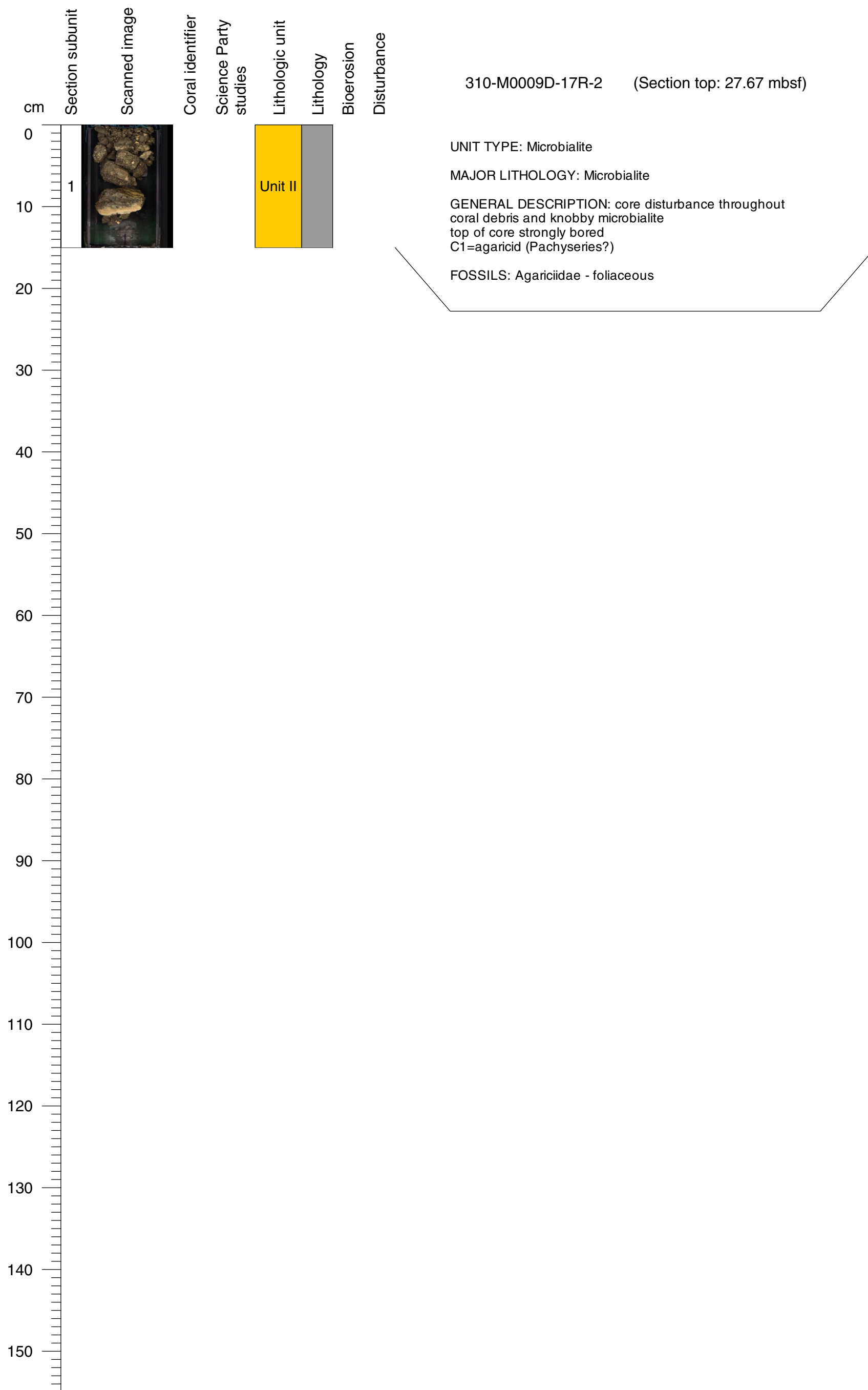


Core Photo

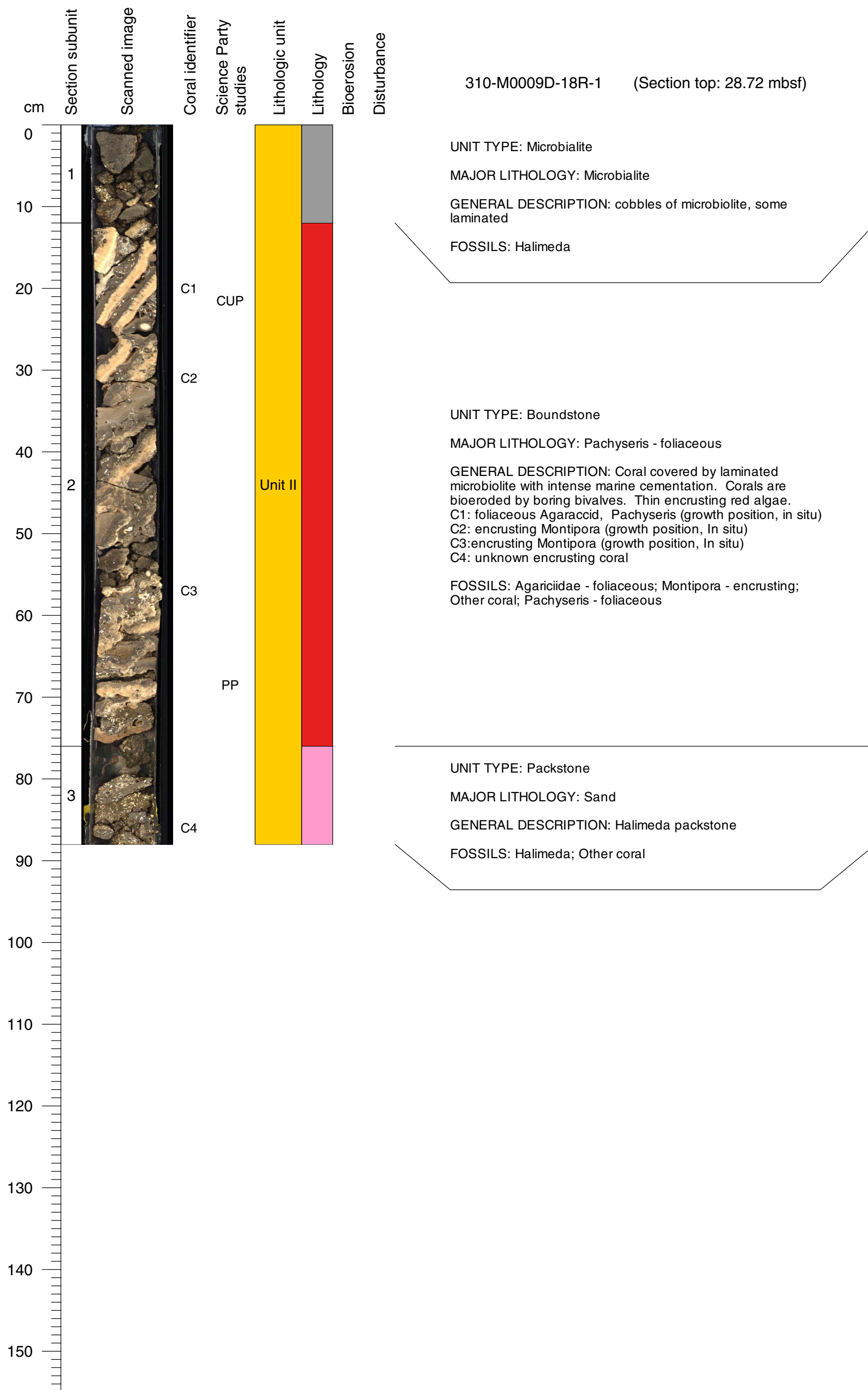
310-M0009D-17R-1 (Section top: 26.62 mbsf)



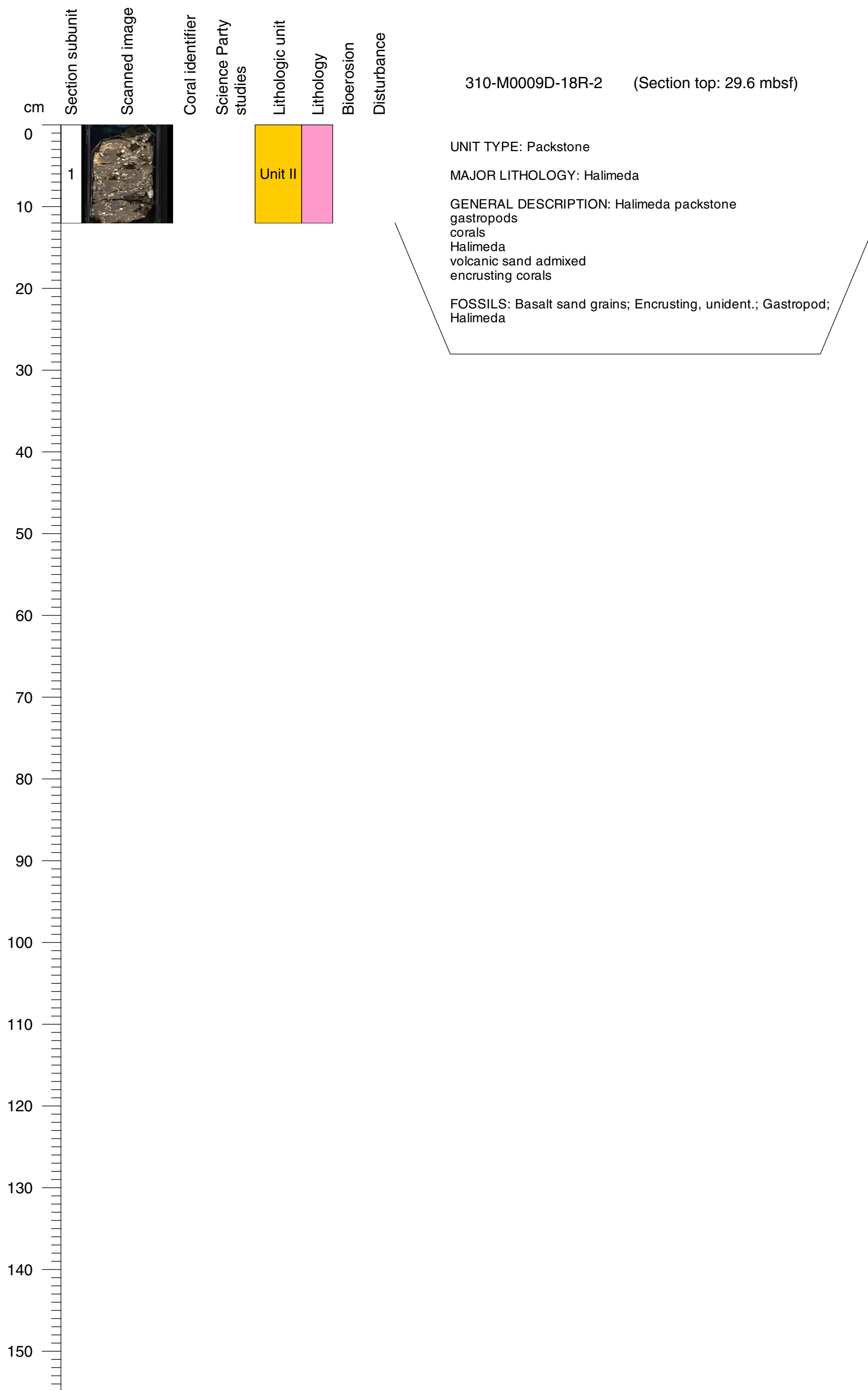
Core Photo



Core Photo

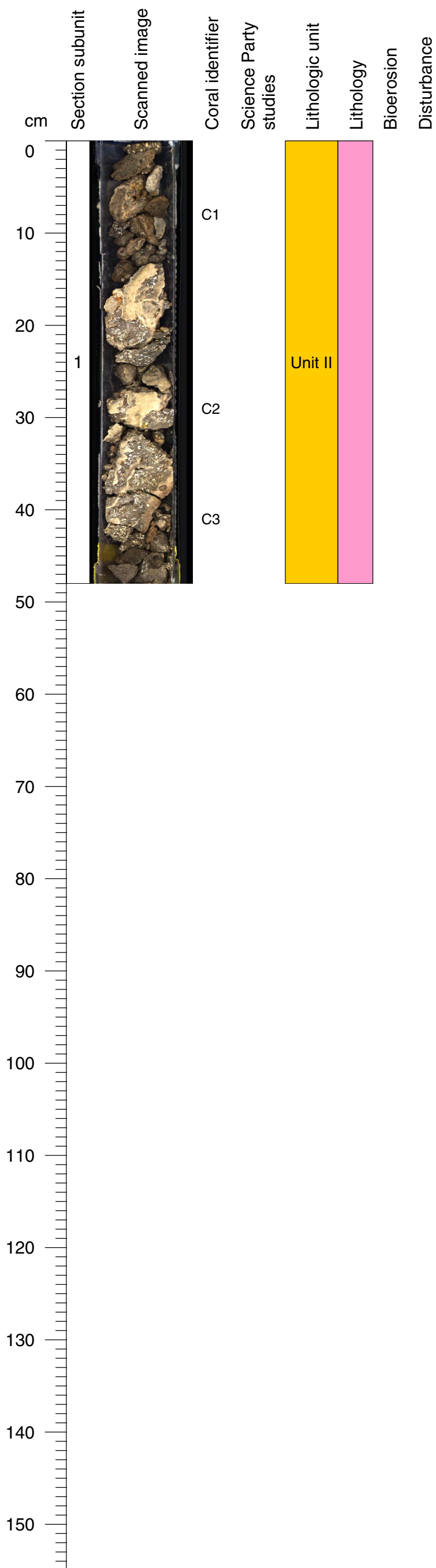


Core Photo



Core Photo

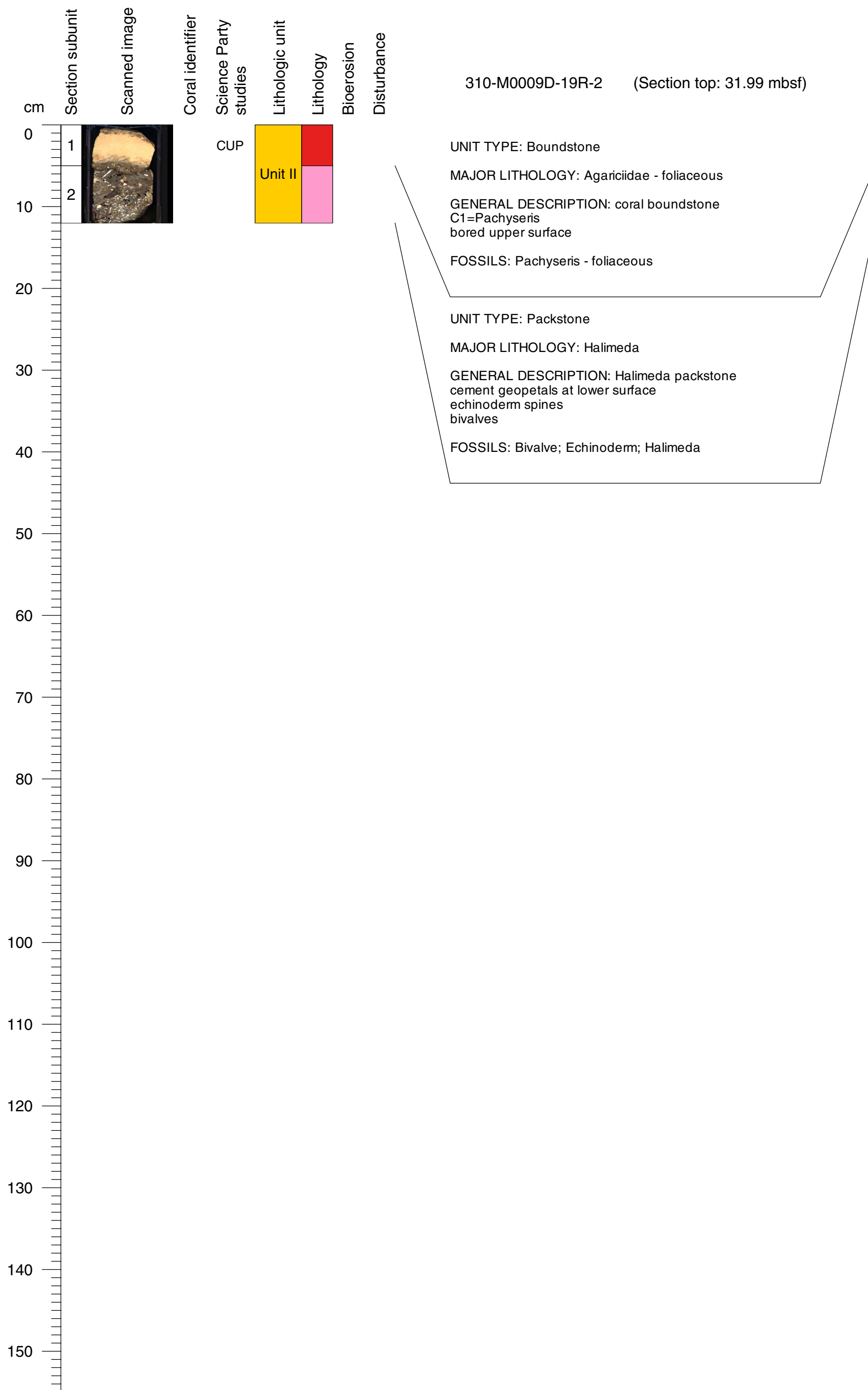
310-M0009D-19R-1 (Section top: 31.51 mbsf)



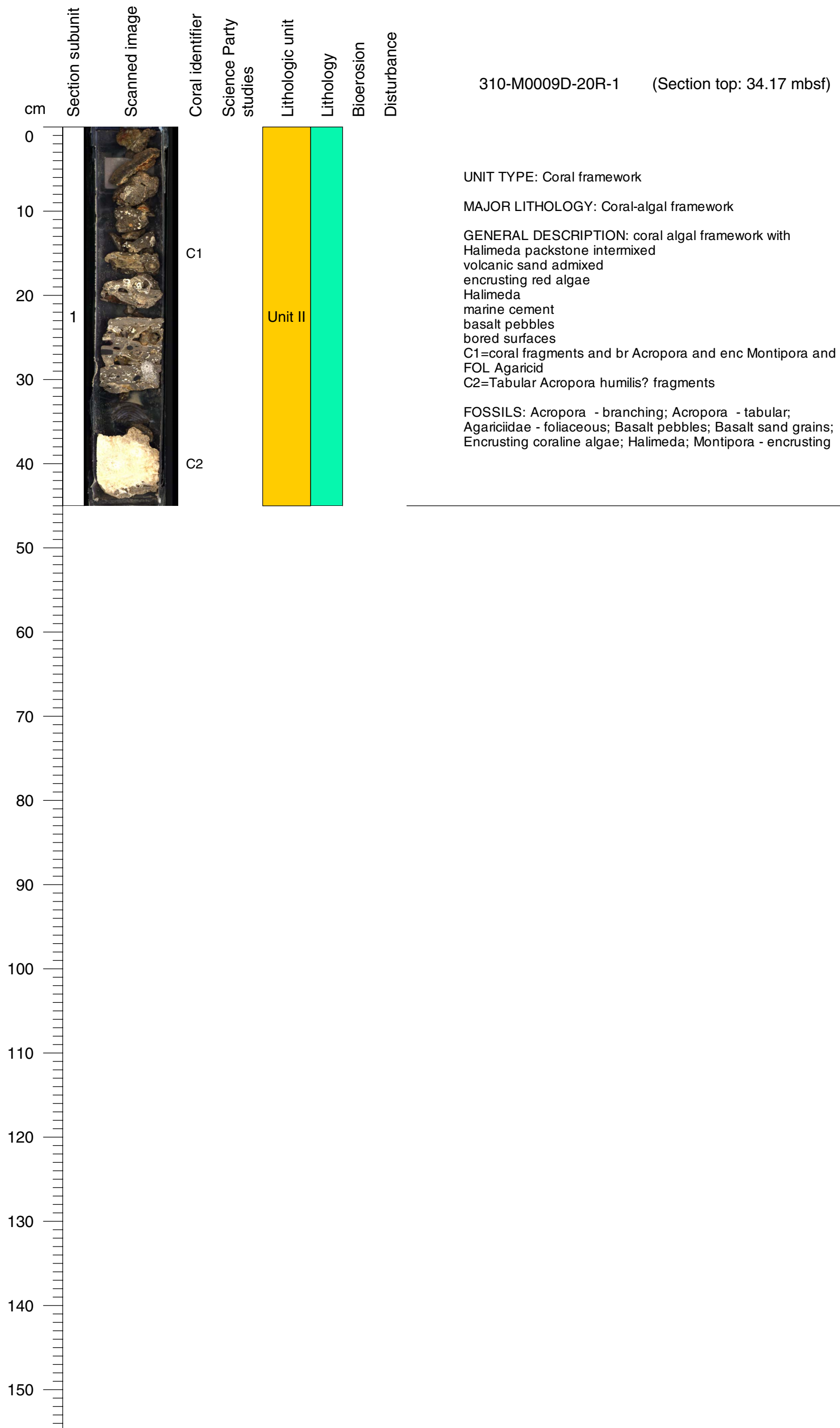
UNIT TYPE: Packstone
 MAJOR LITHOLOGY: Montipora - encrusting
 GENERAL DESCRIPTION: Halimeda packstone matrix rubble:
 bored
 marine cement
 worm tubes
 C1=br Acropora and br Porites frags
 C2=enc Montipora IS
 C3=enc Porites IS
 core disturbance throughout
 FOSSILS: Acropora - branching; Halimeda; Montipora -
 encrusting



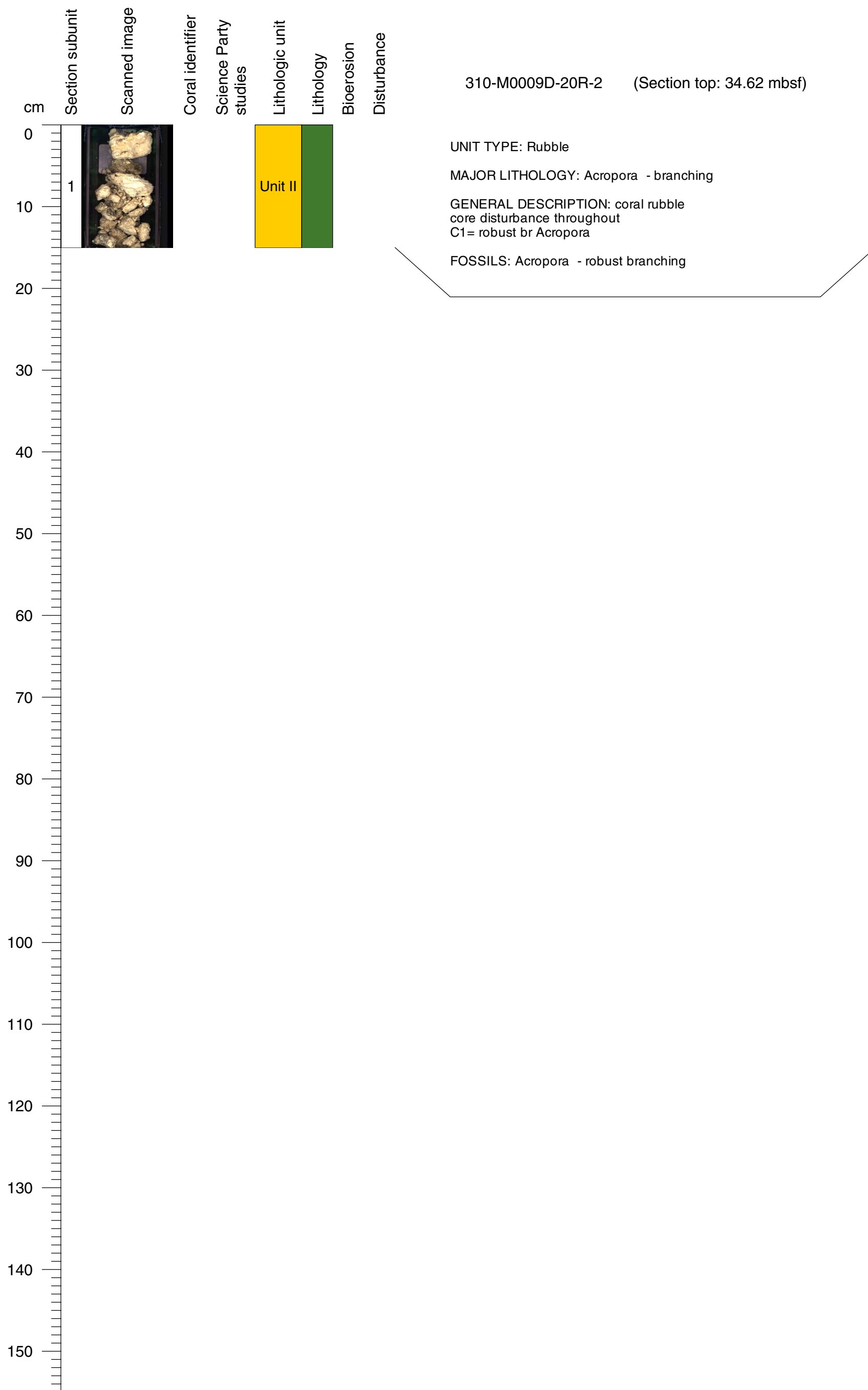
Core Photo



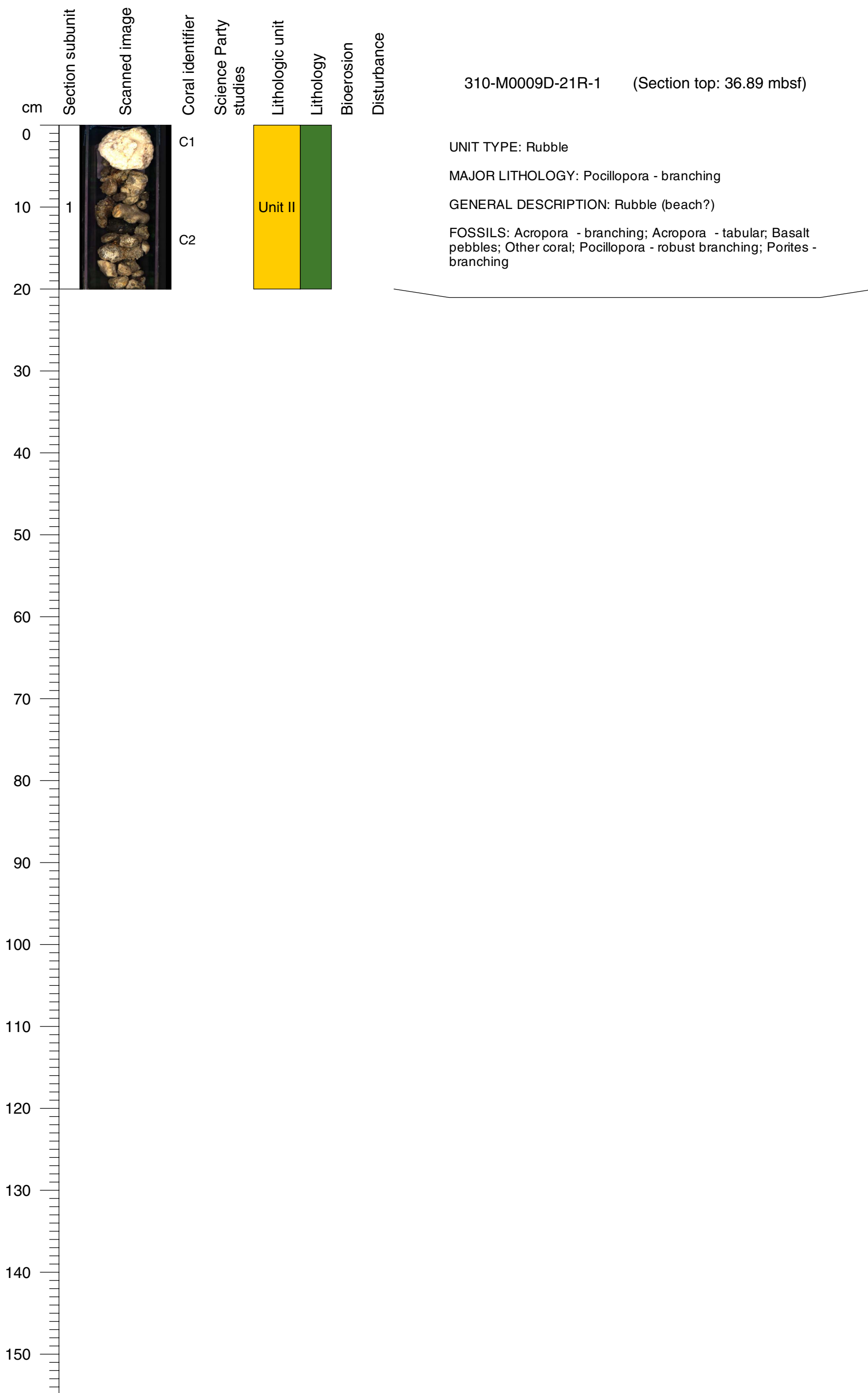
Core Photo



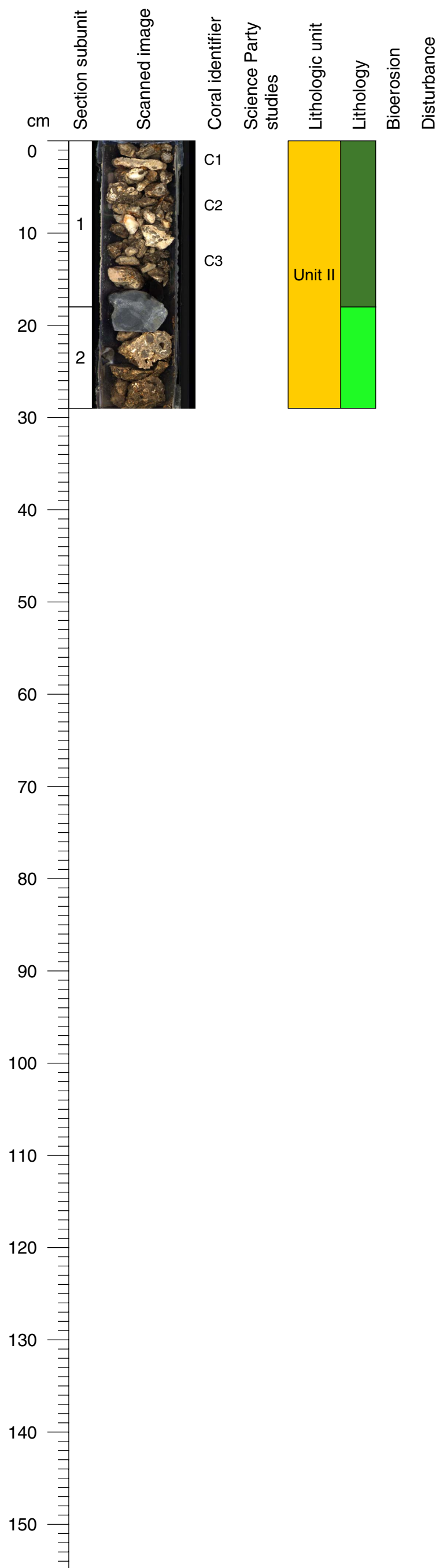
Core Photo



Core Photo



Core Photo



310-M0009D-22R-1 (Section top: 39.93 mbsf)

UNIT TYPE: Rubble

MAJOR LITHOLOGY: Montipora - encrusting

GENERAL DESCRIPTION: core includes cc rubble (beach?)
 encrusting red algae
 volcanic grains basalt
 C1=Encr Montipora frag
 C2=Branching Pocillopora frag
 C3=tabular Acropora branches
 ore disturbance throughout

FOSSILS: Acropora - tabular; Basalt pebbles; Basalt sand grains; Encrusting coralline algae; Montipora - encrusting; Pocillopora - branching

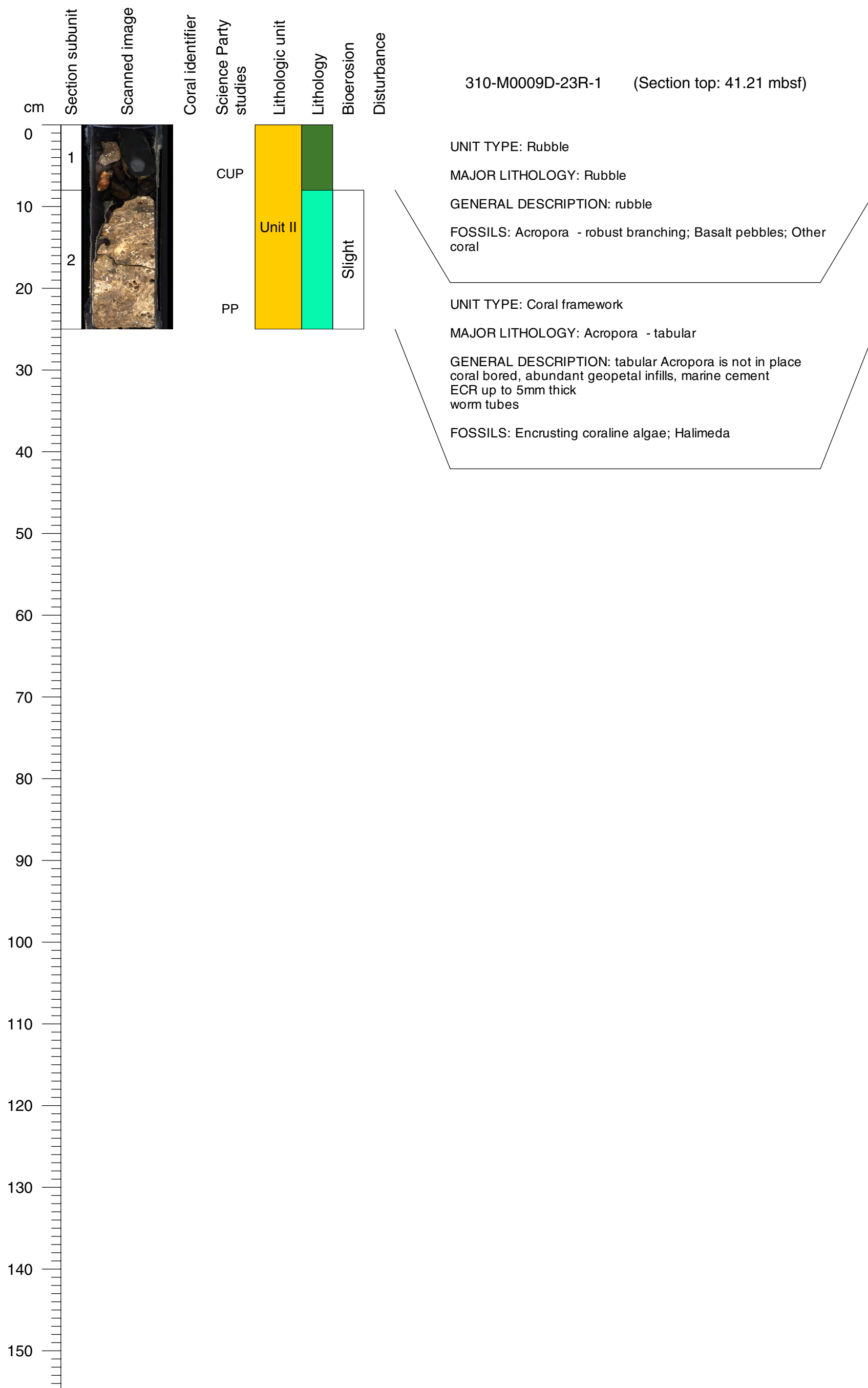
UNIT TYPE: Floatstone

MAJOR LITHOLOGY: Faviidae - massive

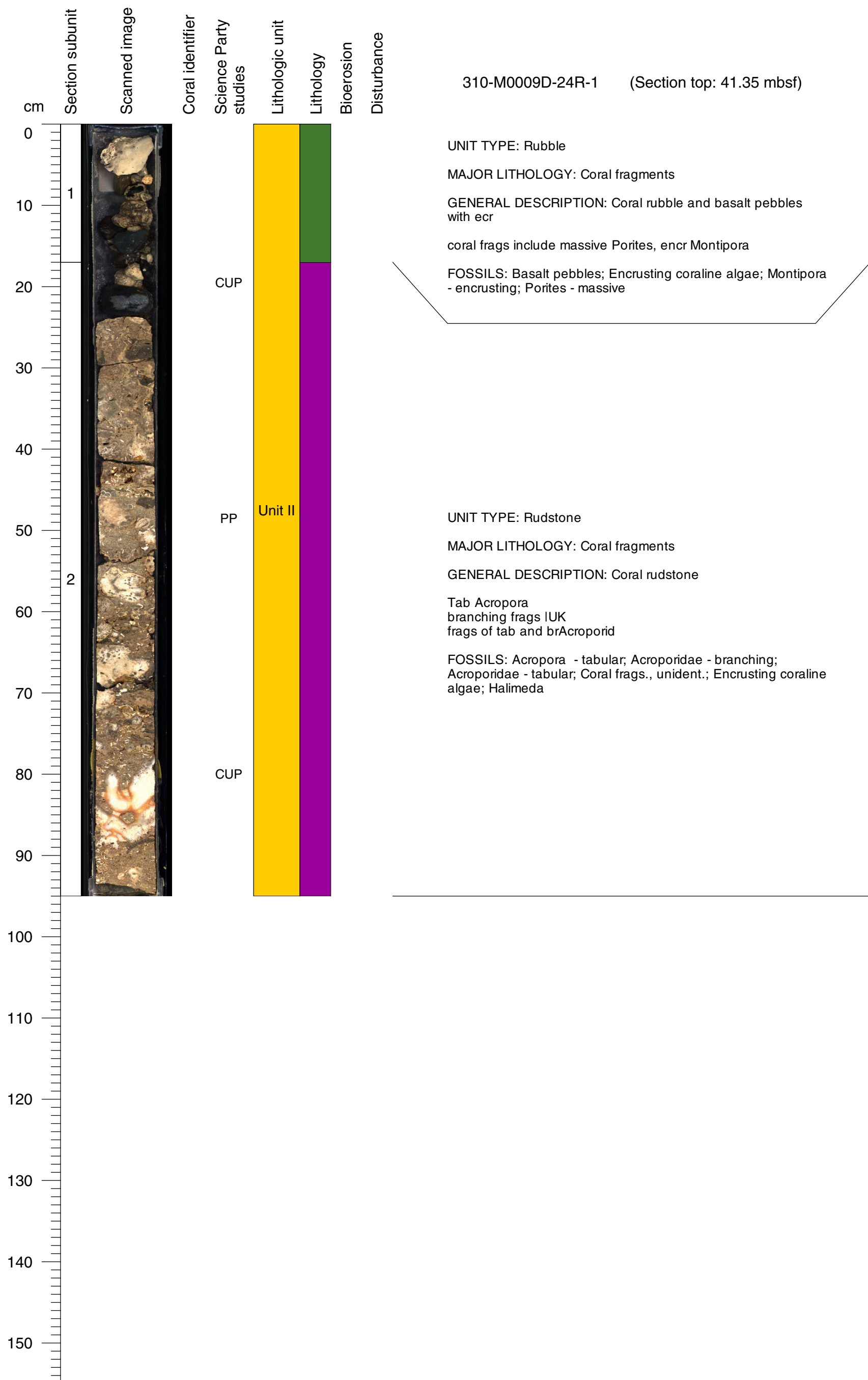
GENERAL DESCRIPTION: floatstone (includes core catcher material)
 C3=massive Favia fragments
 encrusting red algae
 Halimeda
 gastropod
 rhodolith?

FOSSILS: Encrusting coralline algae; Faviidae - massive; Gastropod; Halimeda; Rhodolith

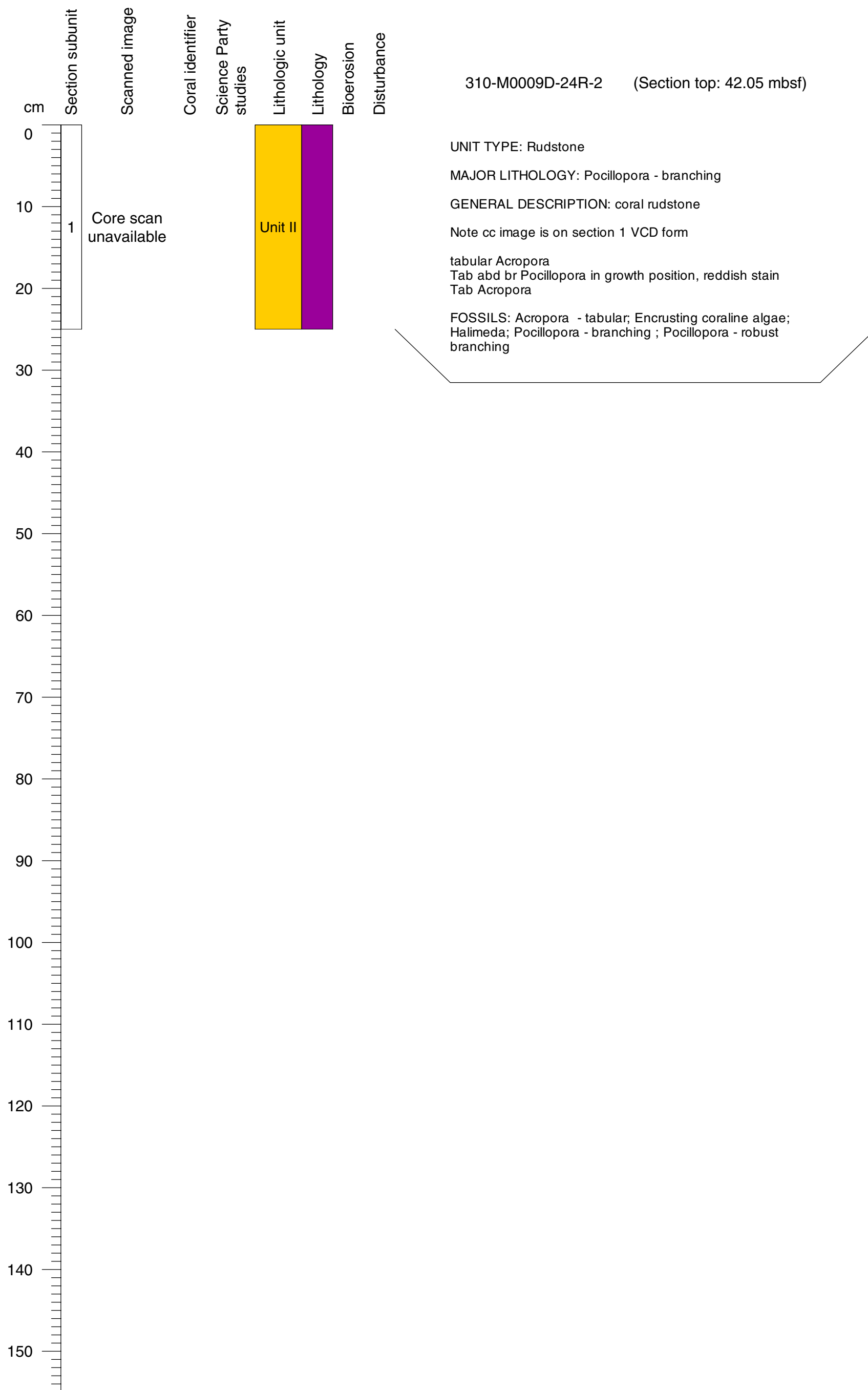
Core Photo



Core Photo

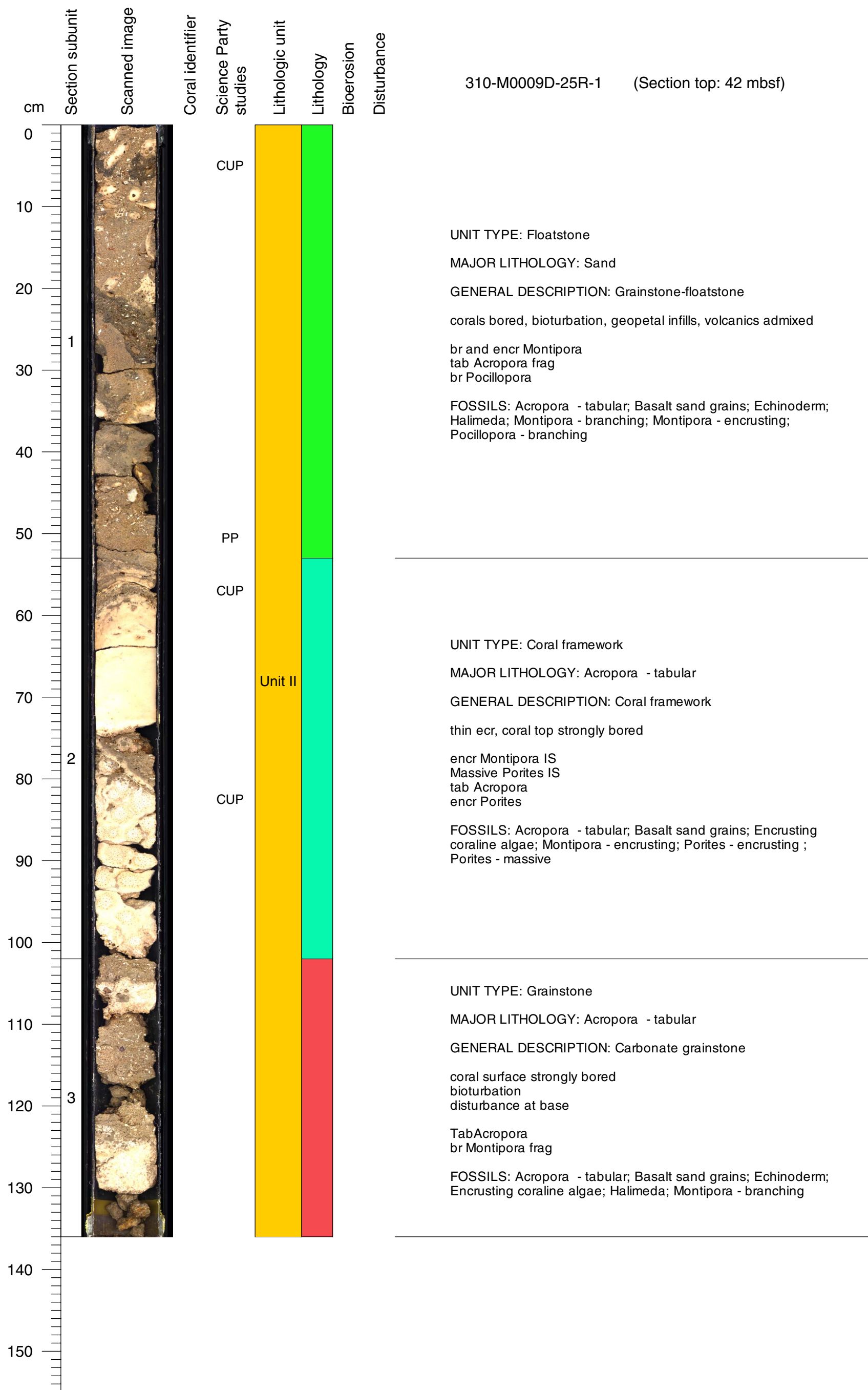


Core Photo



Core Photo

310-M0009D-25R-1 (Section top: 42 mbsf)



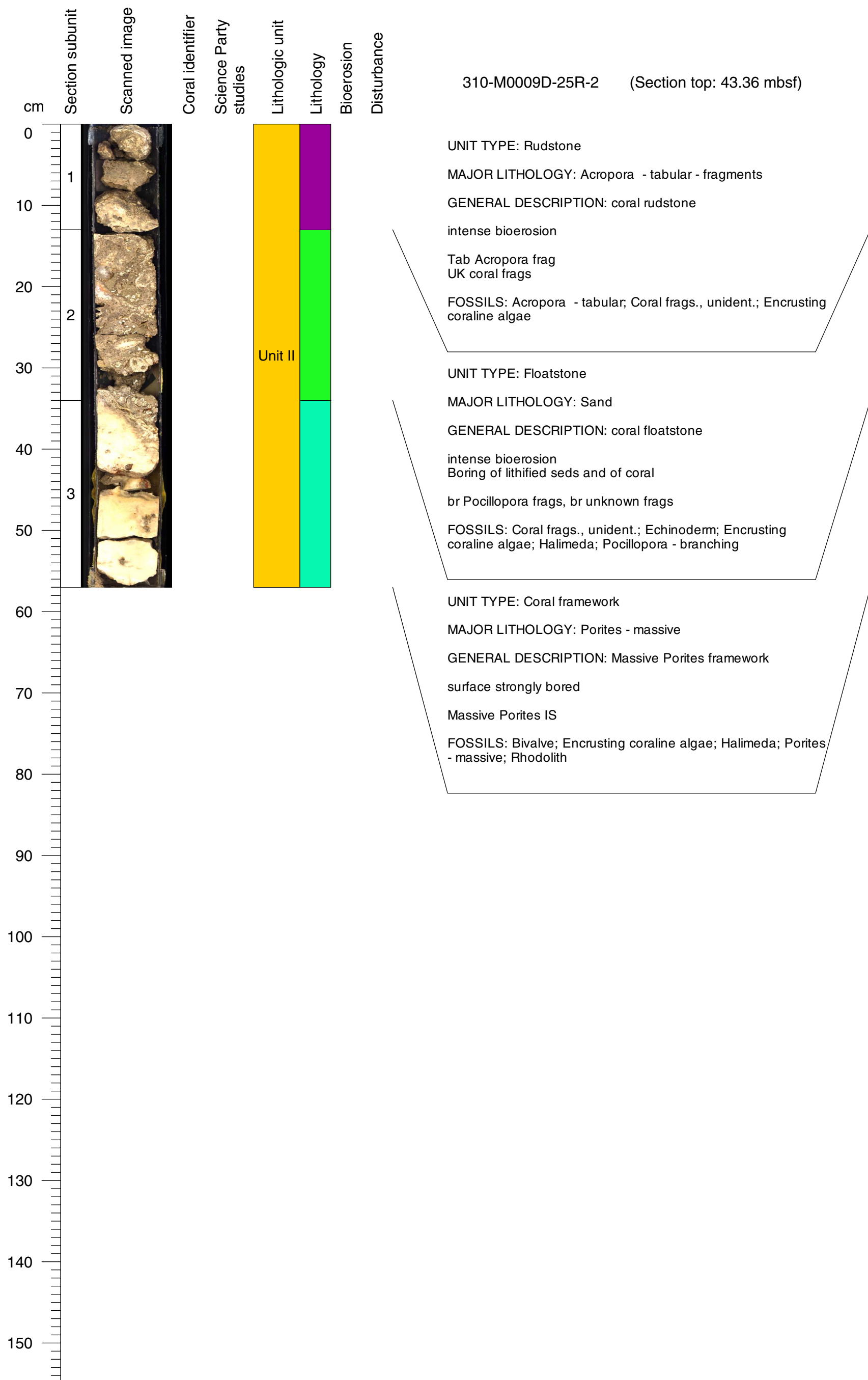
UNIT TYPE: Floatstone
 MAJOR LITHOLOGY: Sand
 GENERAL DESCRIPTION: Grainstone-floatstone
 corals bored, bioturbation, geopetal infills, volcanics admixed
 br and encr Montipora
 tab Acropora frag
 br Pocillopora
 FOSSILS: Acropora - tabular; Basalt sand grains; Echinoderm;
 Halimeda; Montipora - branching; Montipora - encrusting;
 Pocillopora - branching

UNIT TYPE: Coral framework
 MAJOR LITHOLOGY: Acropora - tabular
 GENERAL DESCRIPTION: Coral framework
 thin ecr, coral top strongly bored
 encr Montipora IS
 Massive Porites IS
 tab Acropora
 encr Porites
 FOSSILS: Acropora - tabular; Basalt sand grains; Encrusting
 coralline algae; Montipora - encrusting; Porites - encrusting ;
 Porites - massive

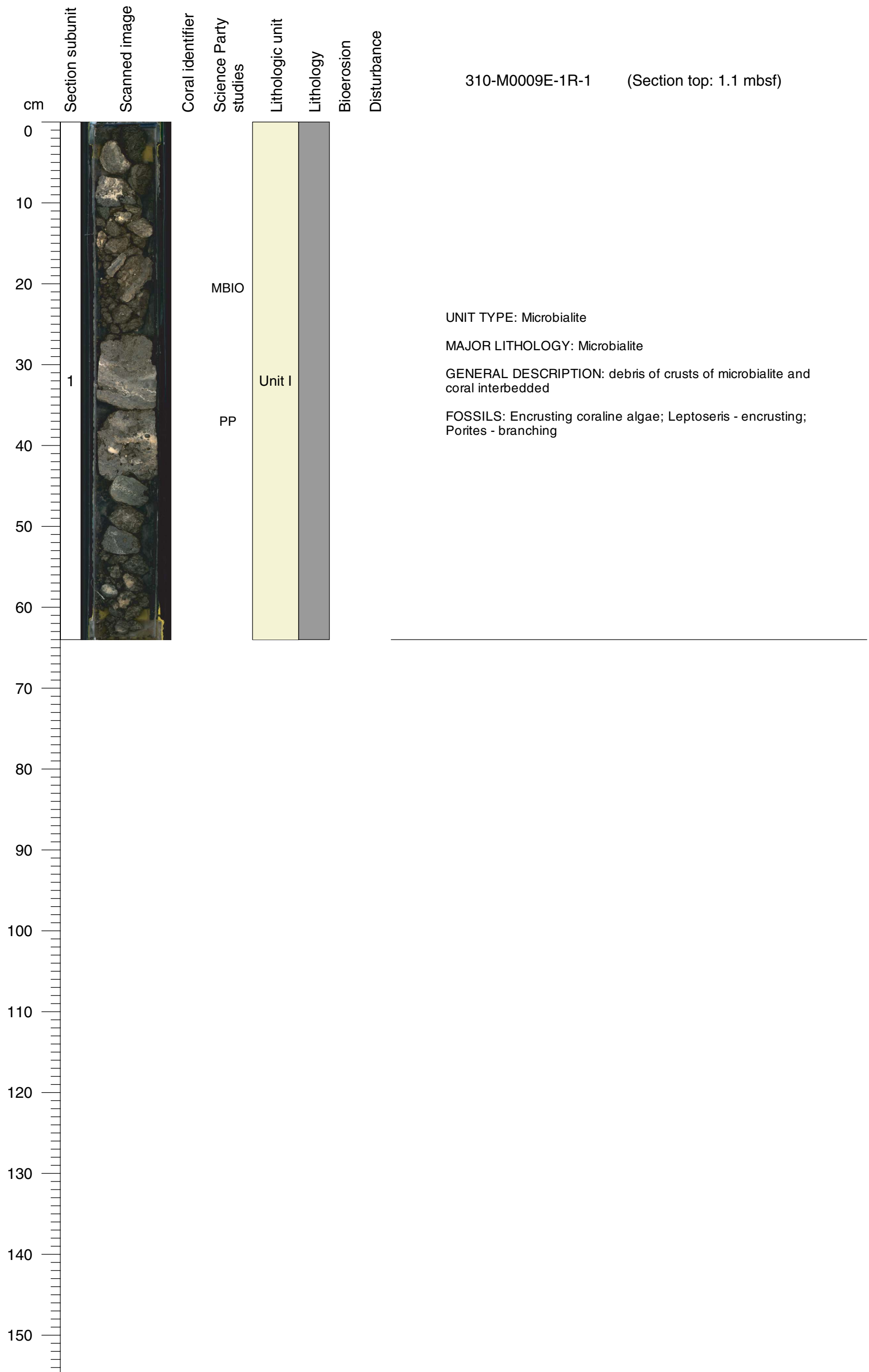
UNIT TYPE: Grainstone
 MAJOR LITHOLOGY: Acropora - tabular
 GENERAL DESCRIPTION: Carbonate grainstone
 coral surface strongly bored
 bioturbation
 disturbance at base
 TabAcropora
 br Montipora frag
 FOSSILS: Acropora - tabular; Basalt sand grains; Echinoderm;
 Encrusting coralline algae; Halimeda; Montipora - branching



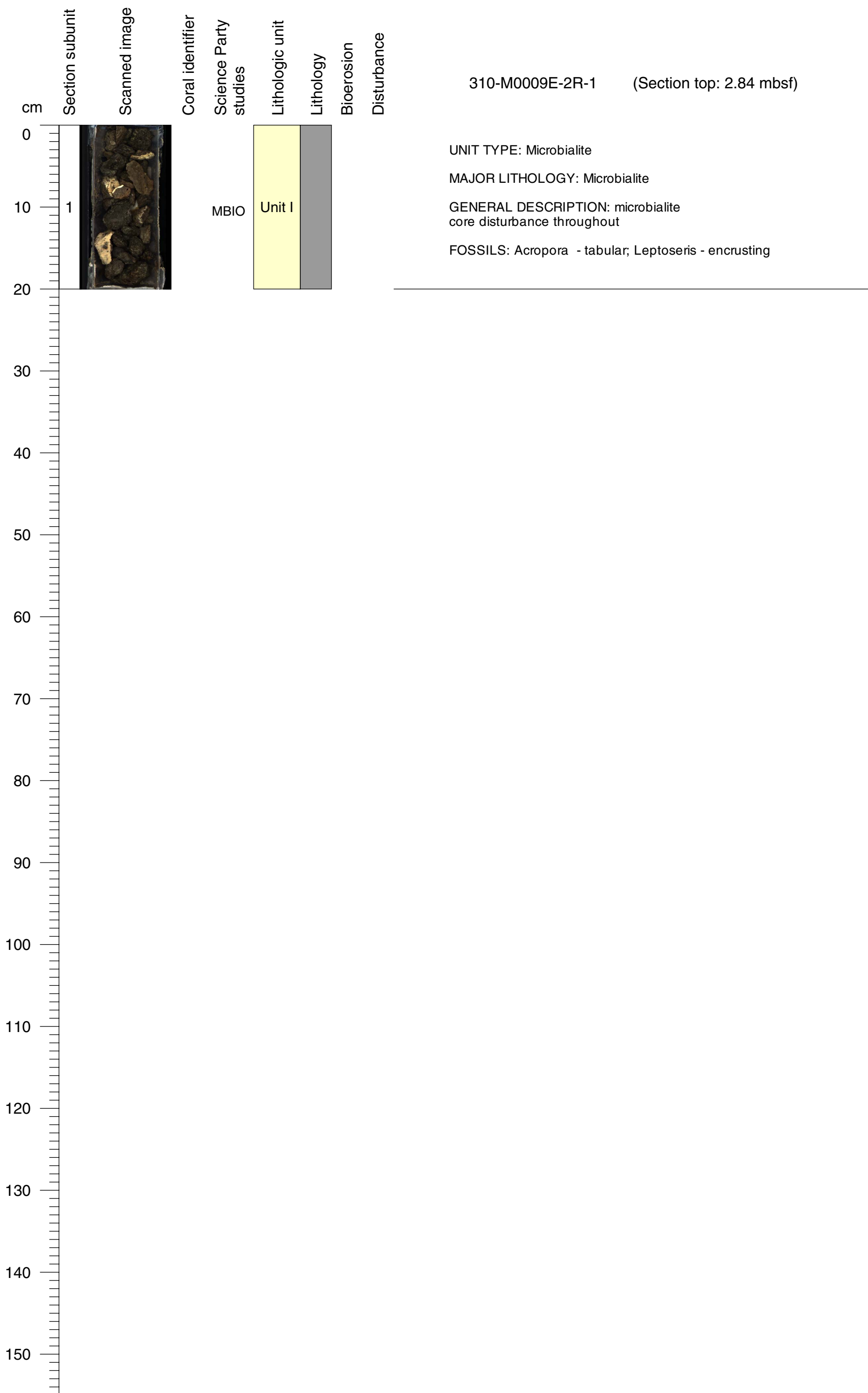
Core Photo



Core Photo

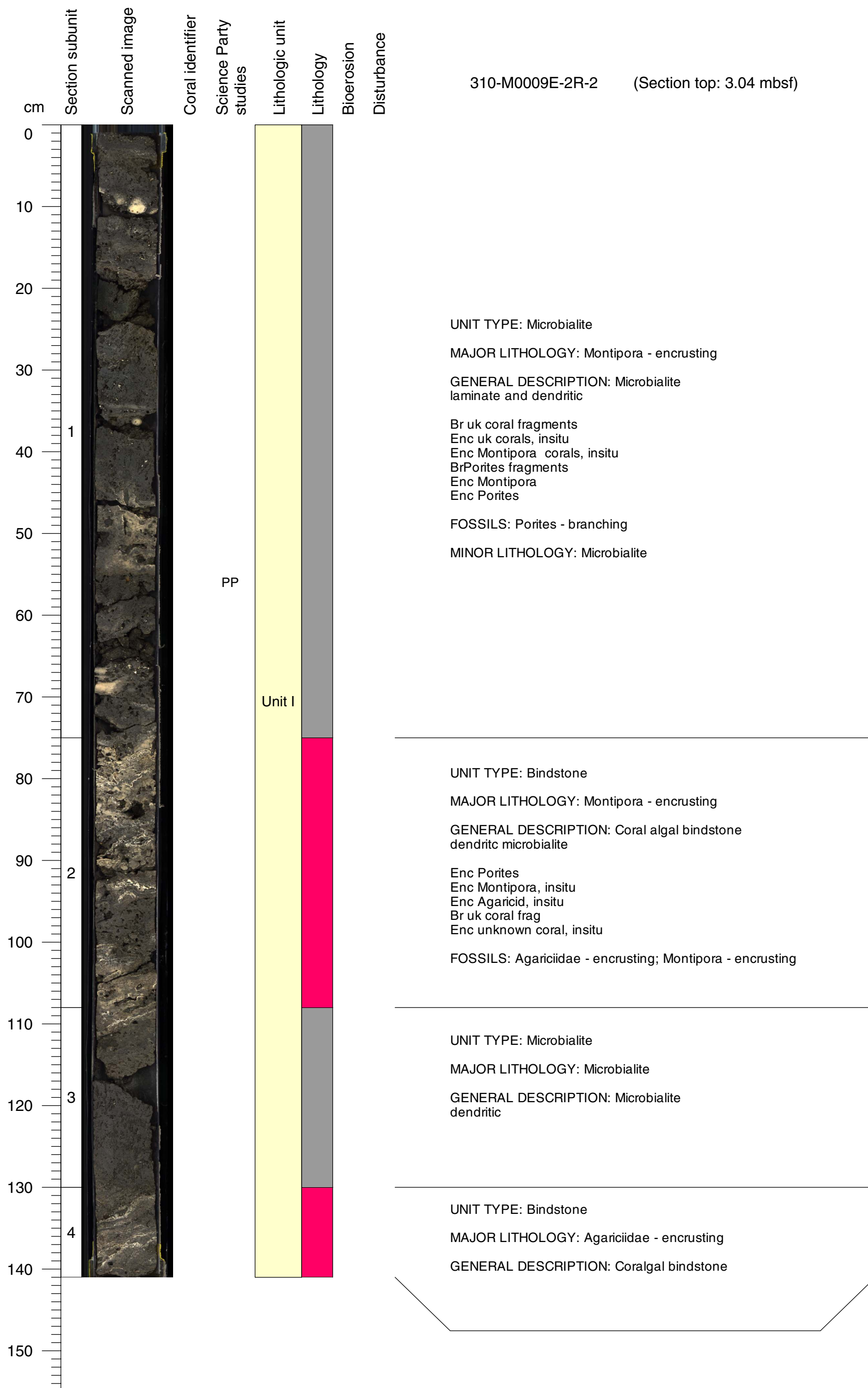


Core Photo



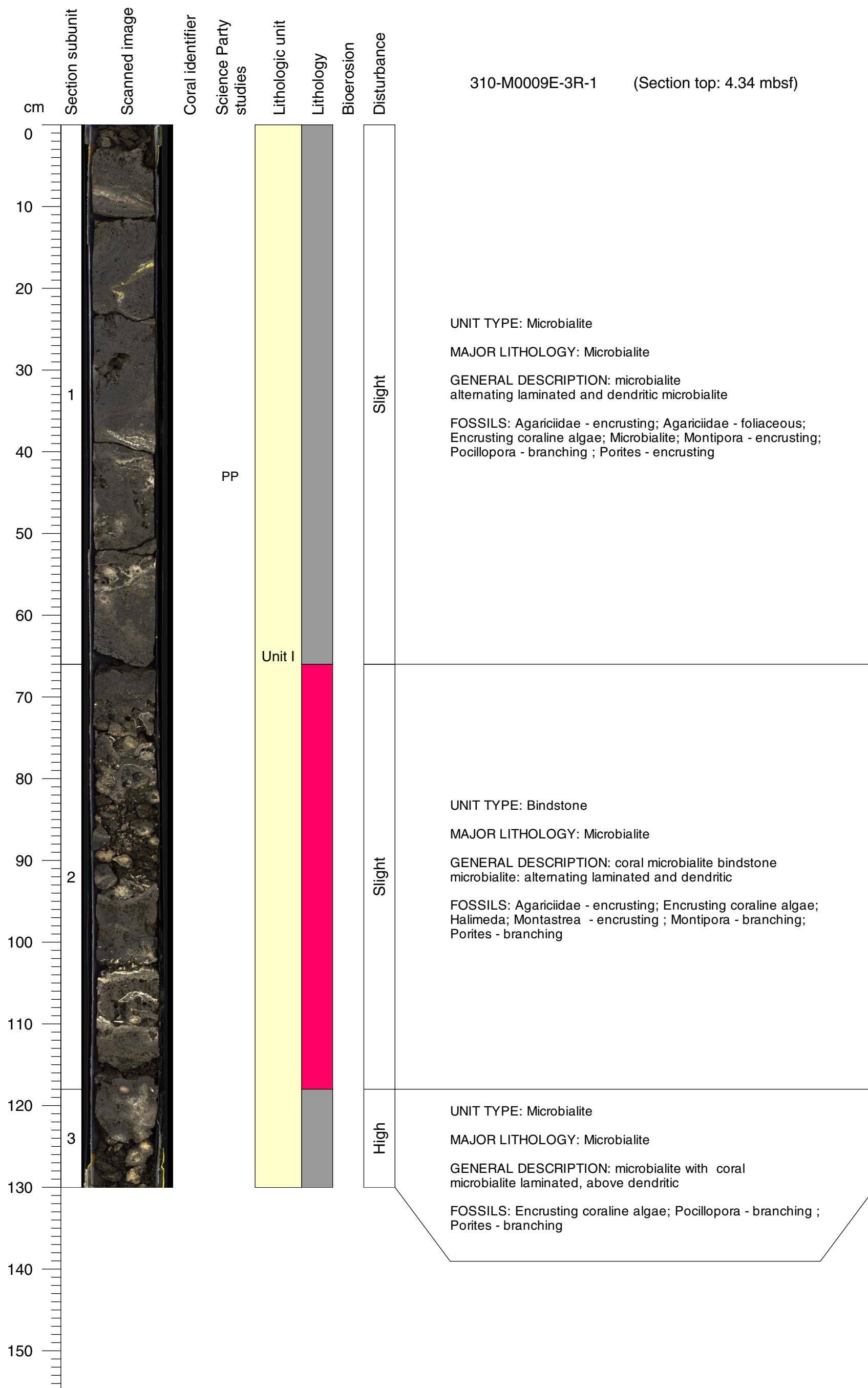
Core Photo

310-M0009E-2R-2 (Section top: 3.04 mbsf)



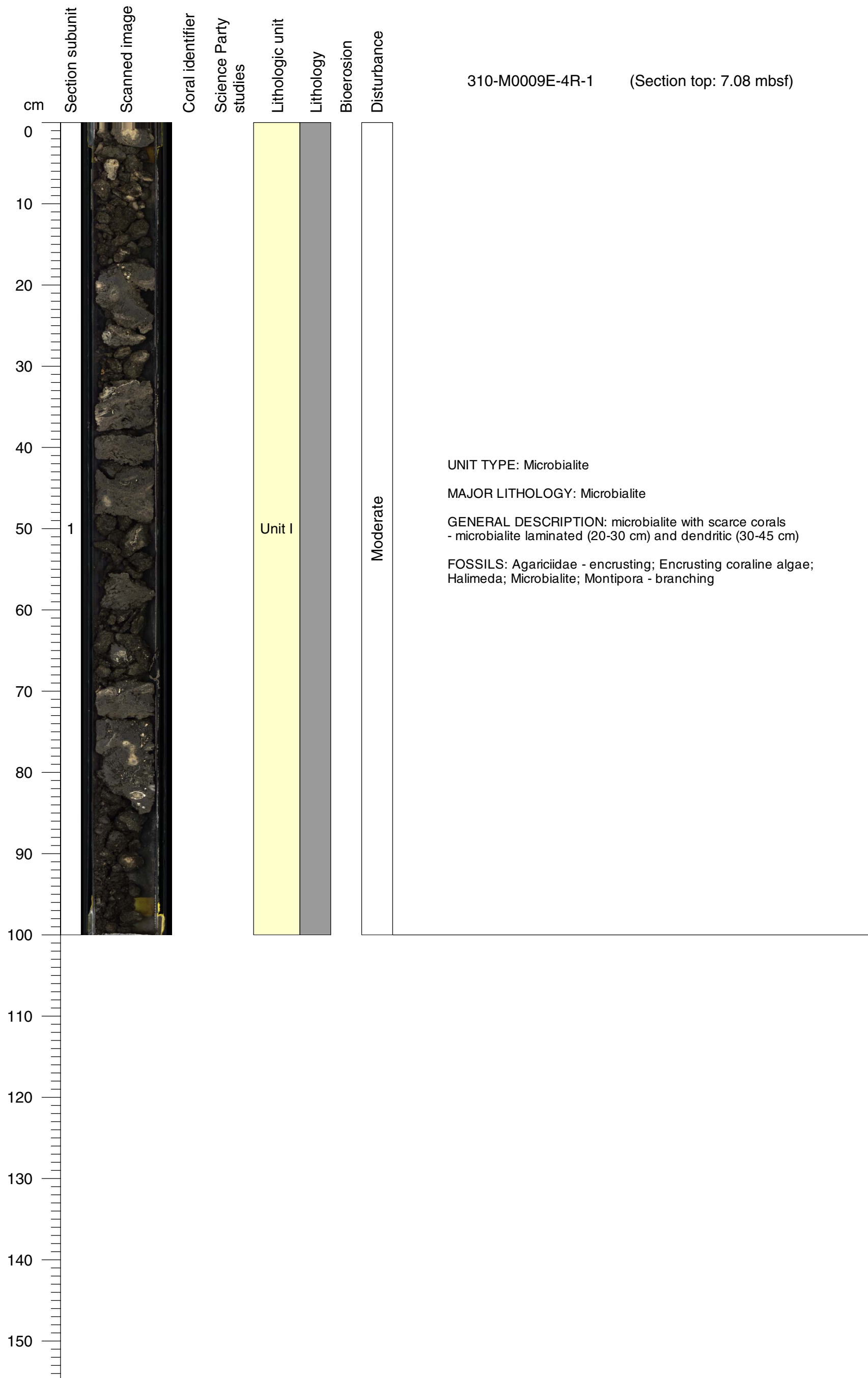
Core Photo

310-M0009E-3R-1 (Section top: 4.34 mbsf)

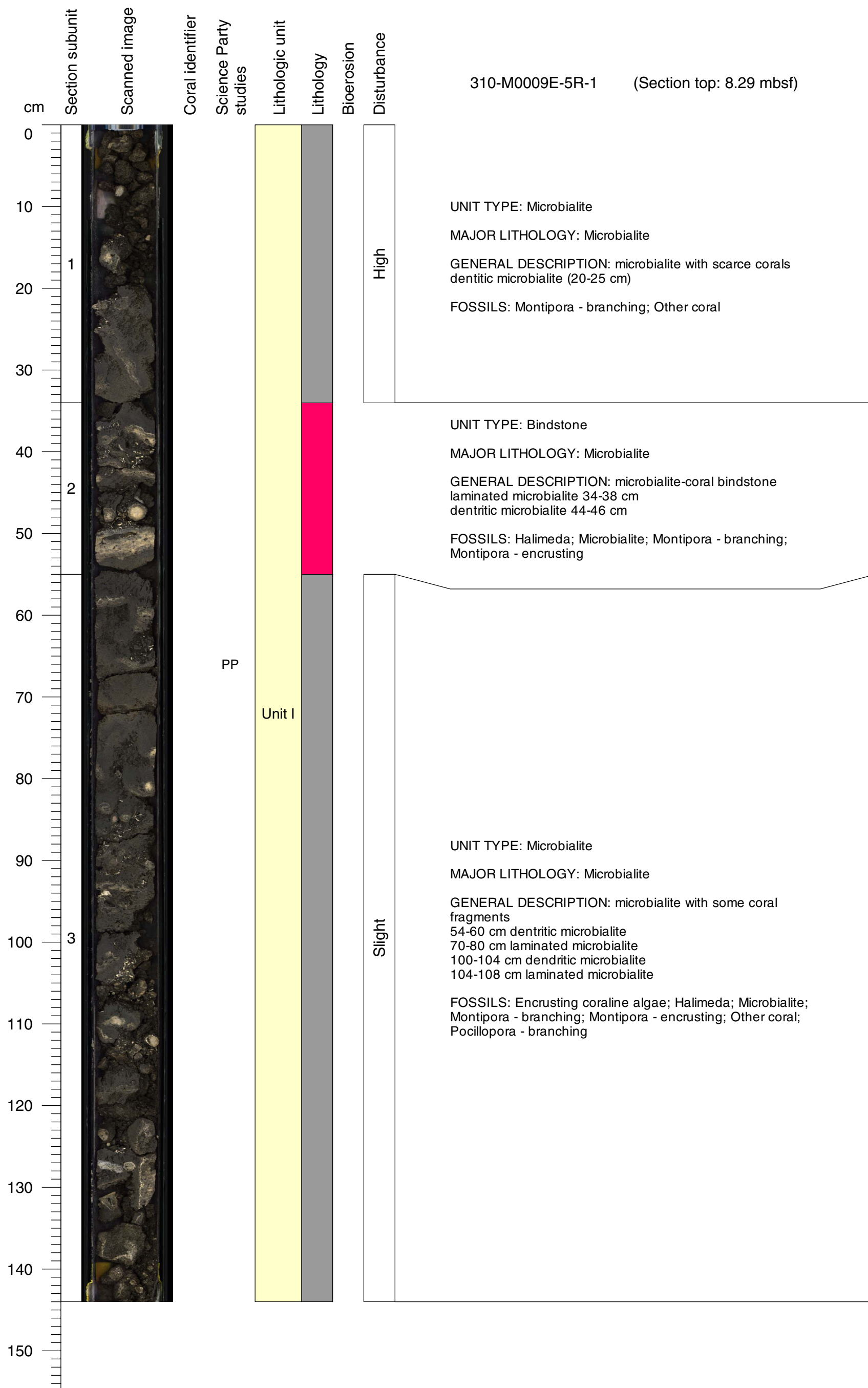


Core Photo

310-M0009E-4R-1 (Section top: 7.08 mbsf)

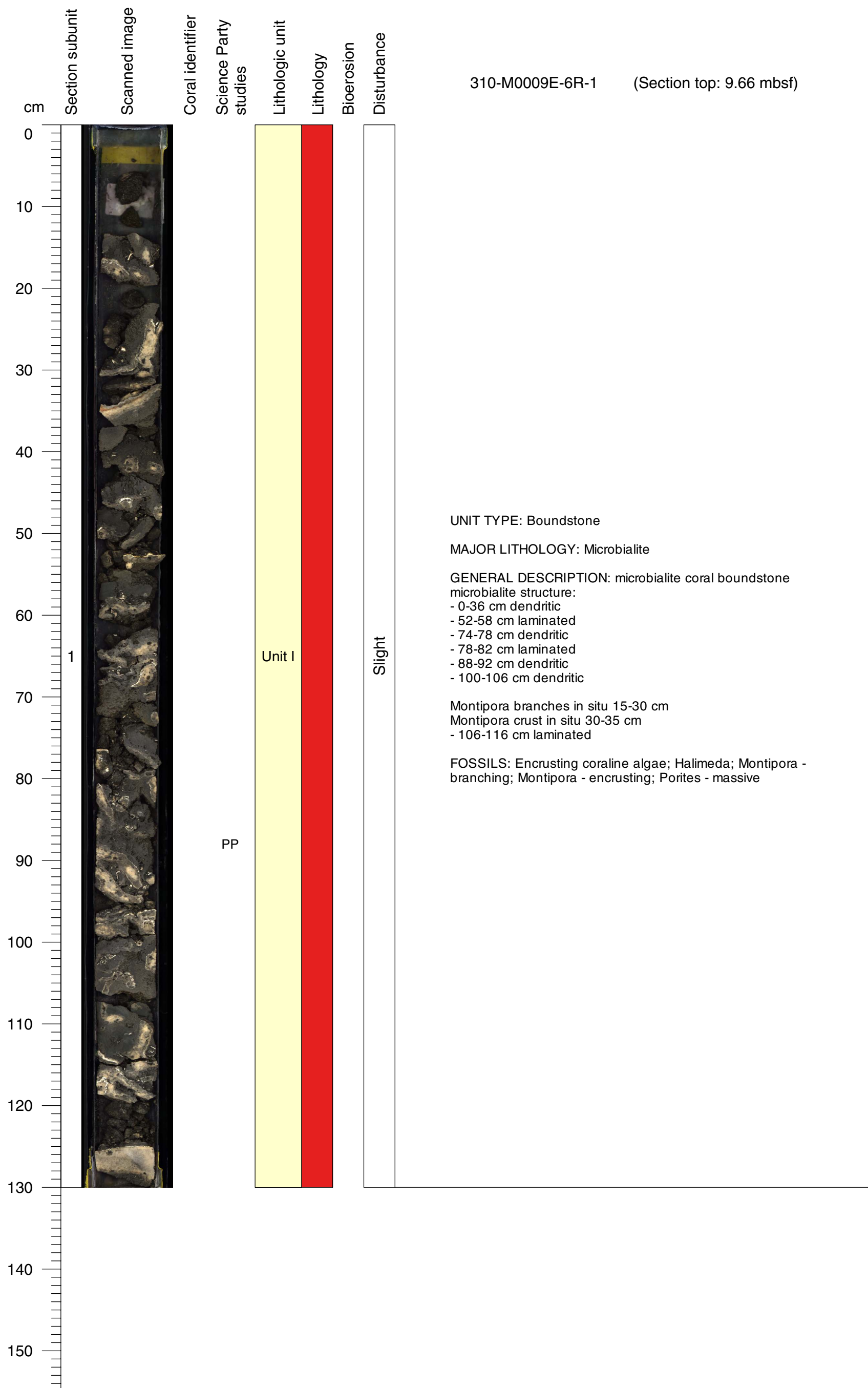


Core Photo



Core Photo

310-M0009E-6R-1 (Section top: 9.66 mbsf)



UNIT TYPE: Boundstone

MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: microbialite coral boundstone

microbialite structure:

- 0-36 cm dendritic
- 52-58 cm laminated
- 74-78 cm dendritic
- 78-82 cm laminated
- 88-92 cm dendritic
- 100-106 cm dendritic

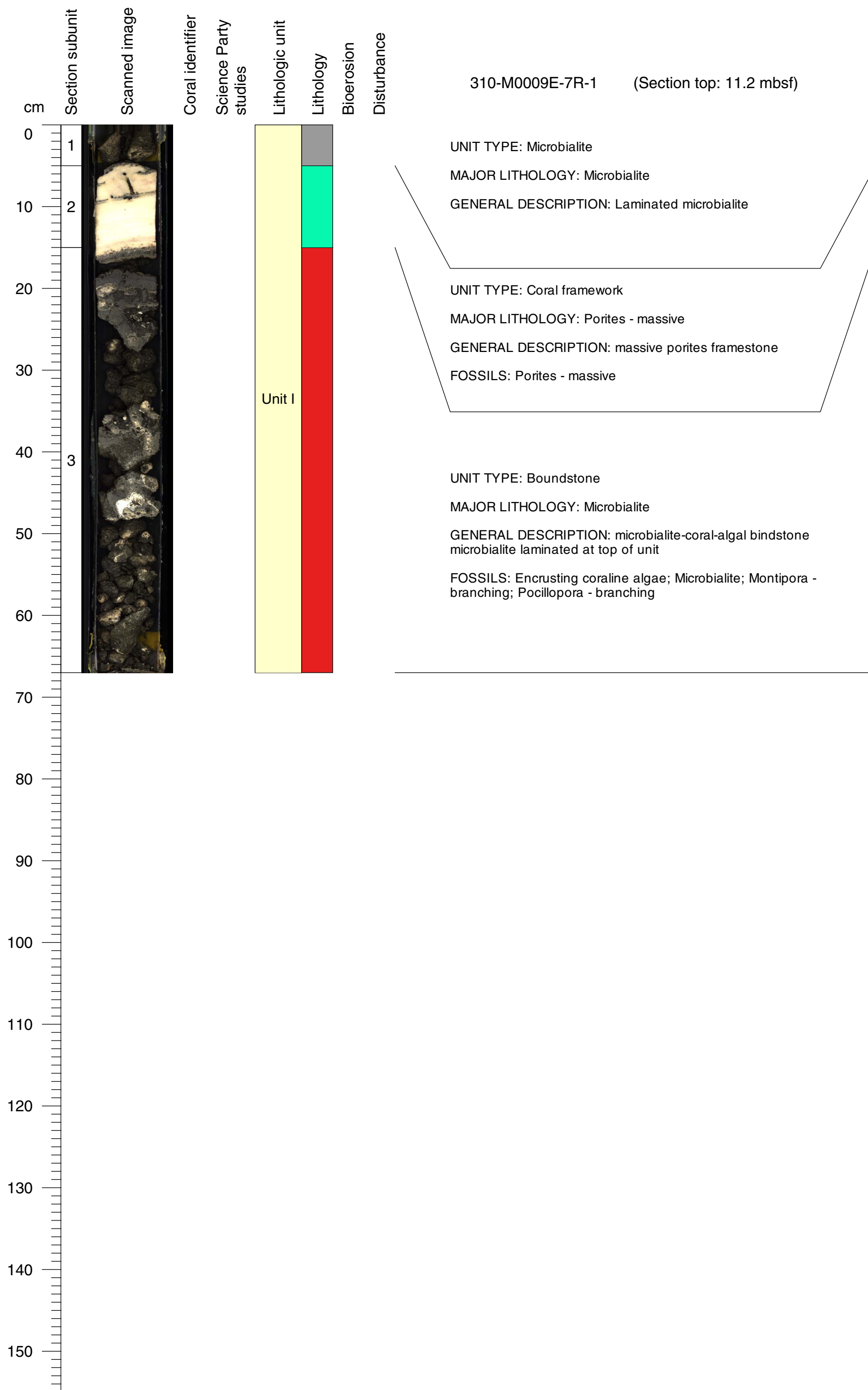
Montipora branches in situ 15-30 cm

Montipora crust in situ 30-35 cm

- 106-116 cm laminated

FOSSILS: Encrusting coralline algae; Halimeda; Montipora - branching; Montipora - encrusting; Porites - massive

Core Photo



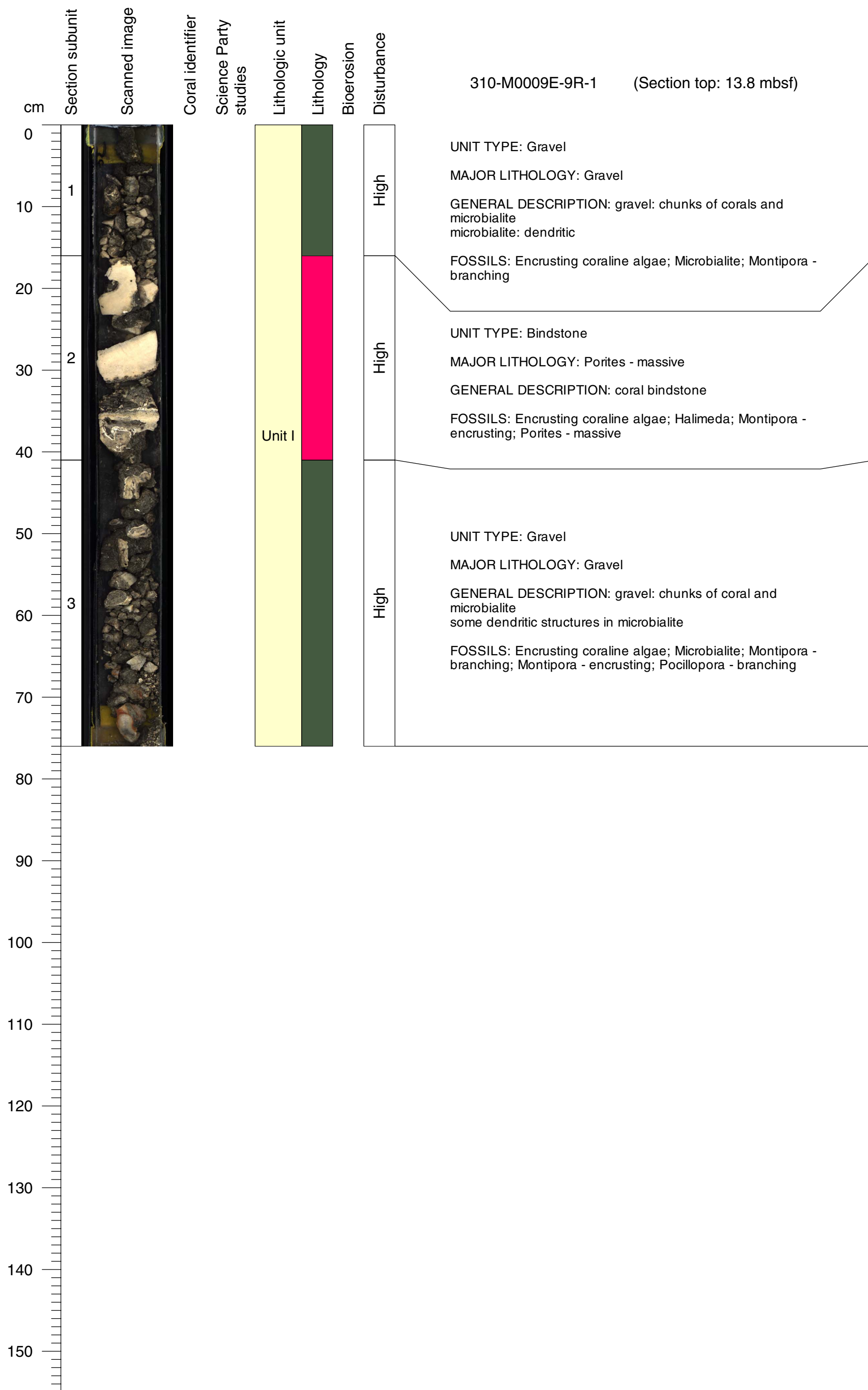
Core Photo

310-M0009E-8R-1 (Section top: 12.7 mbsf)

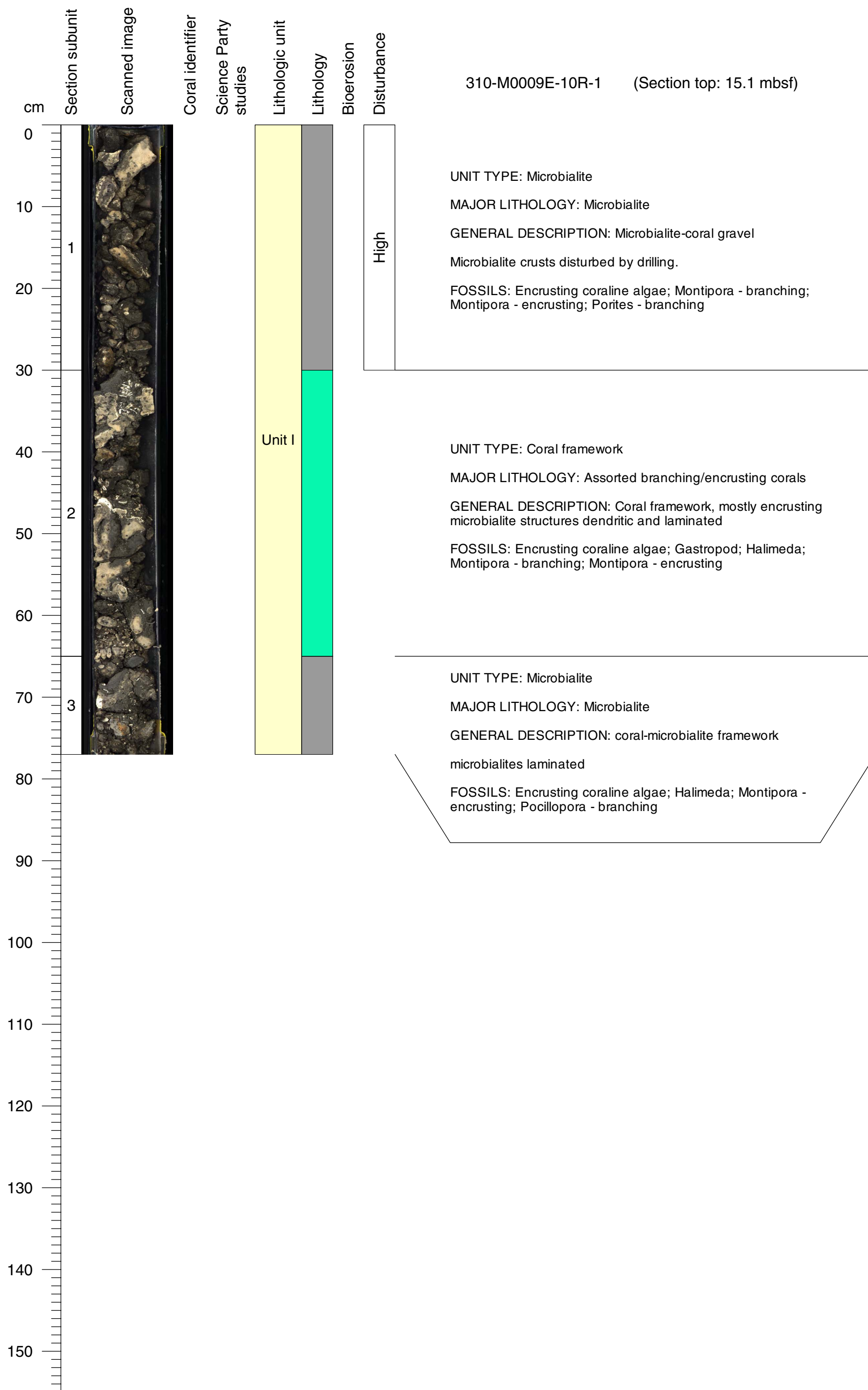


Core Photo

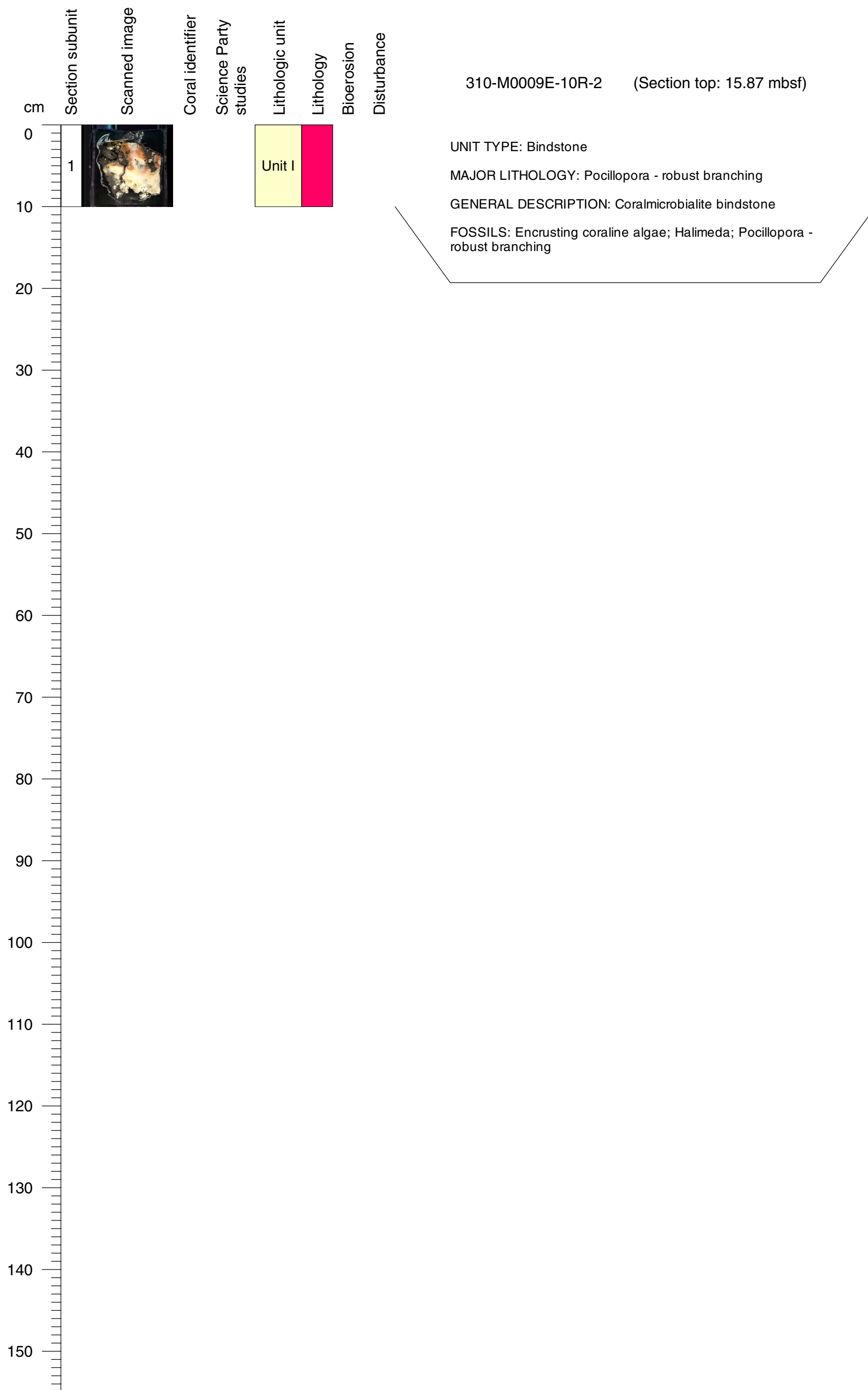
310-M0009E-9R-1 (Section top: 13.8 mbsf)



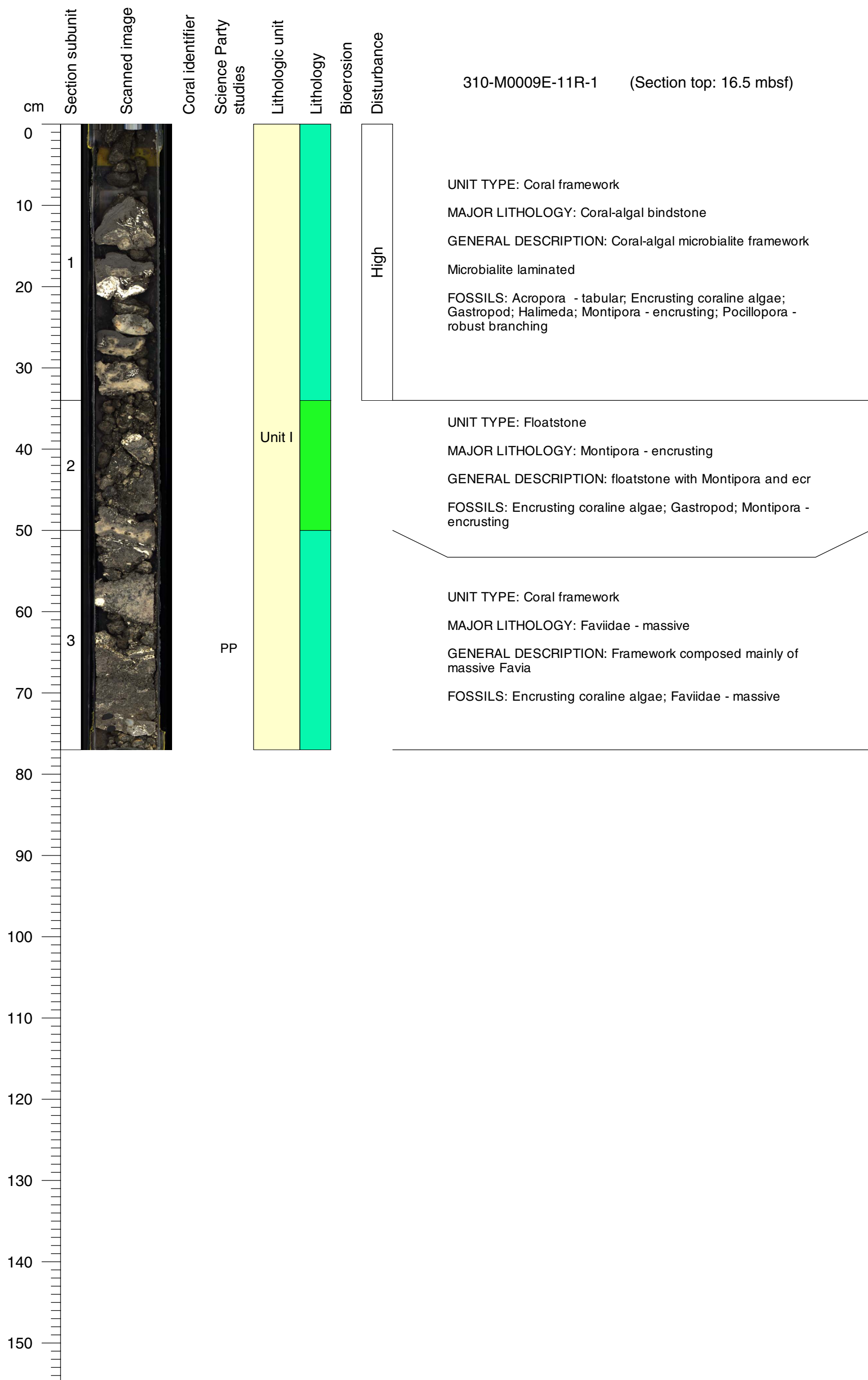
Core Photo



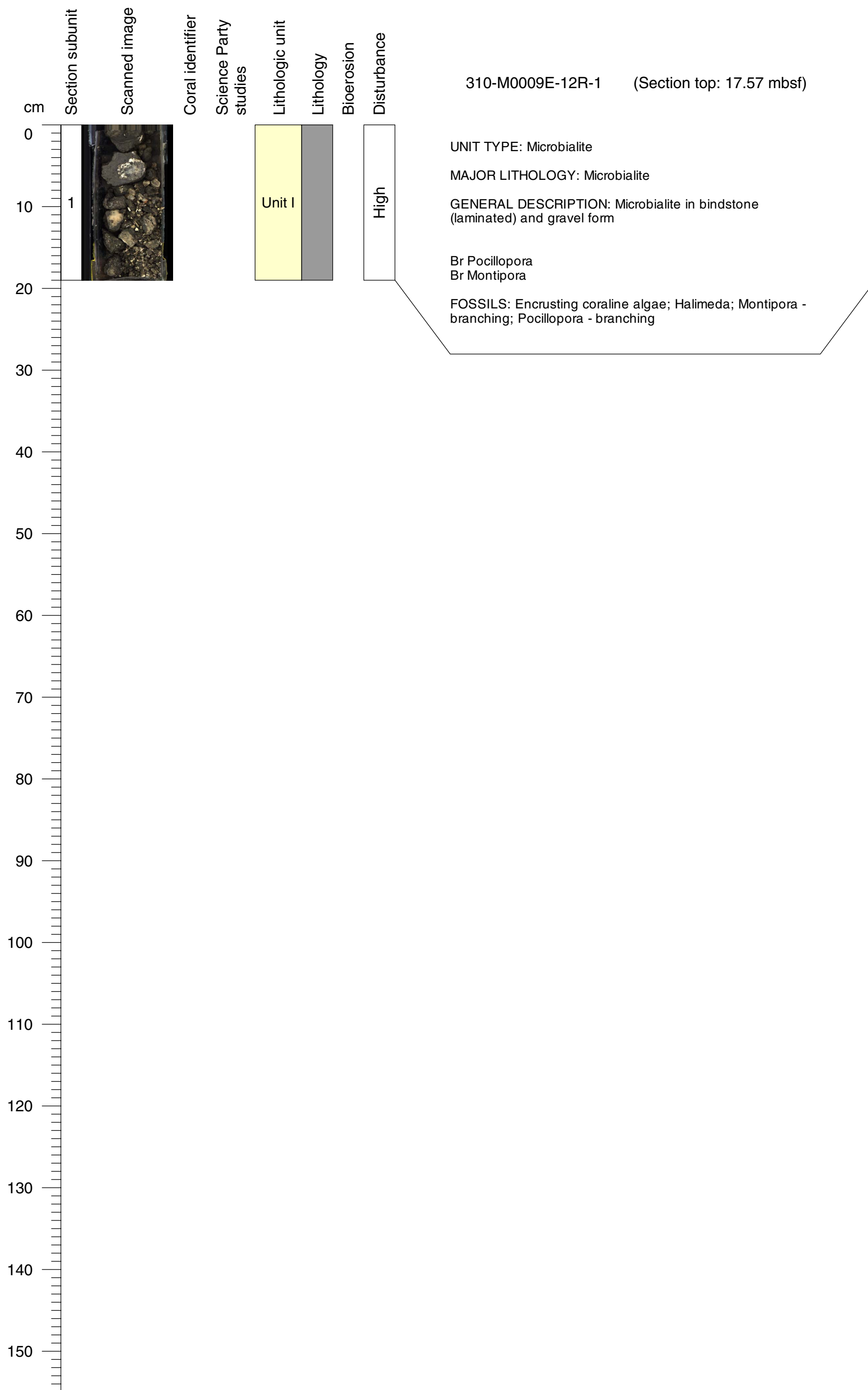
Core Photo



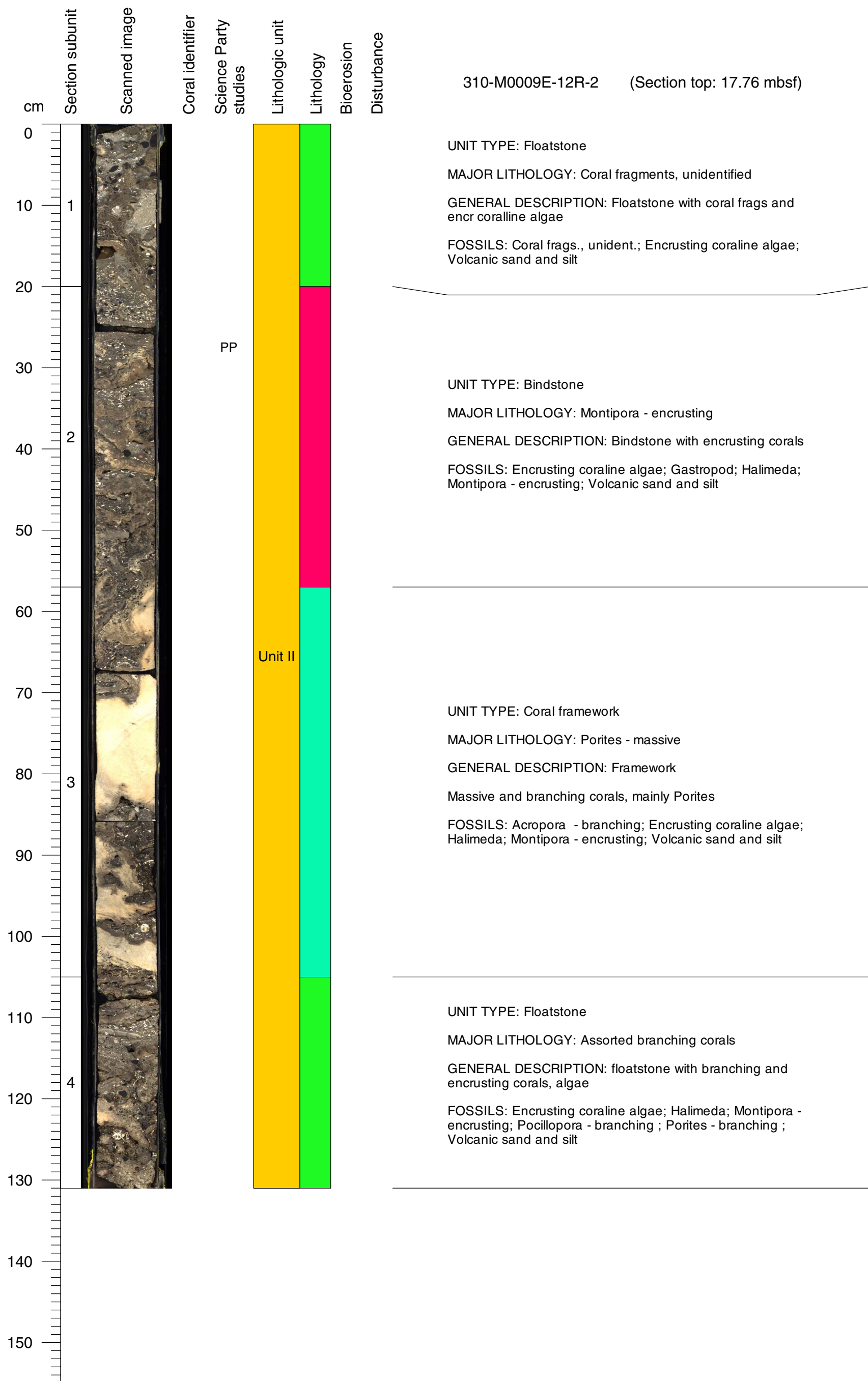
Core Photo



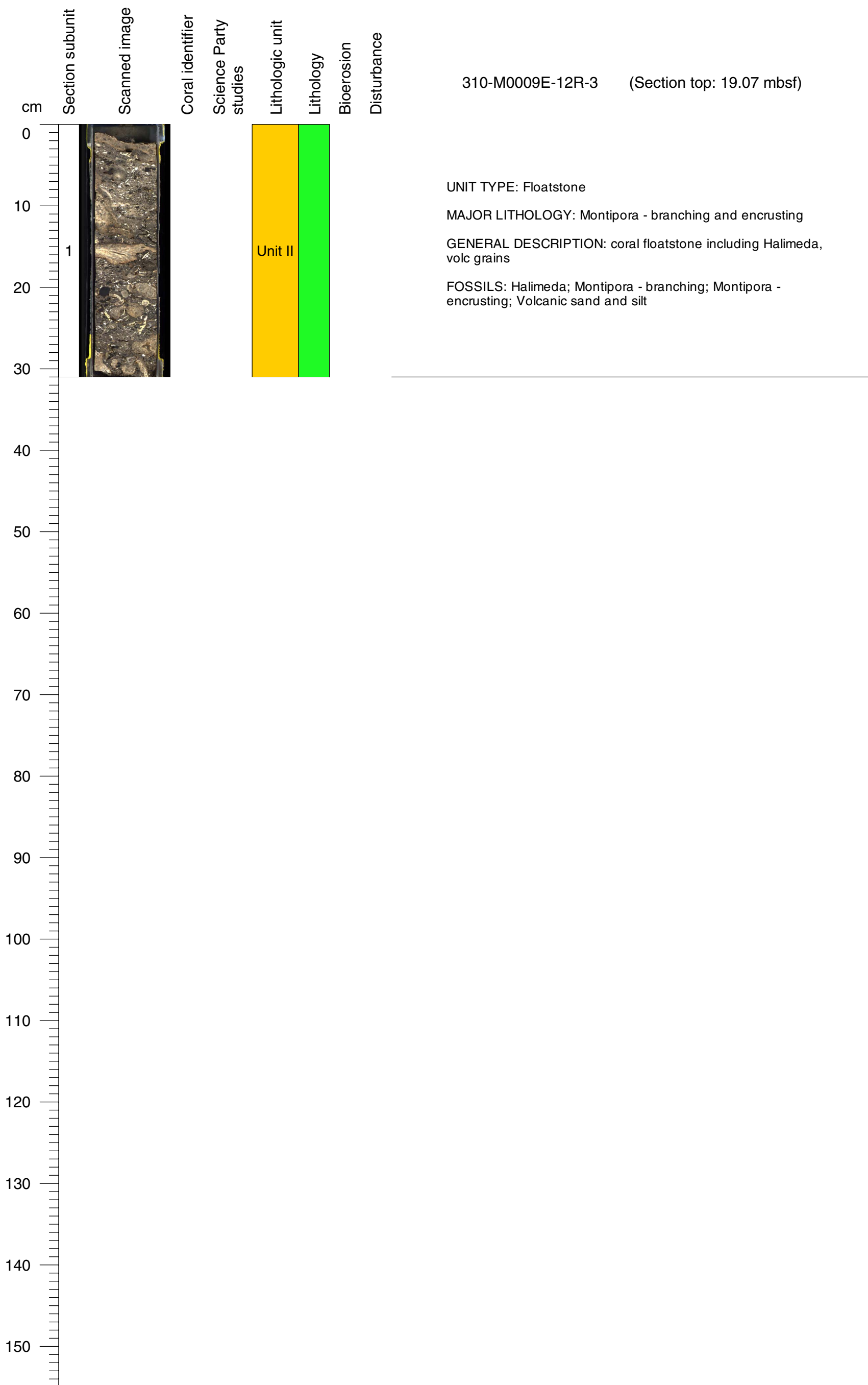
Core Photo



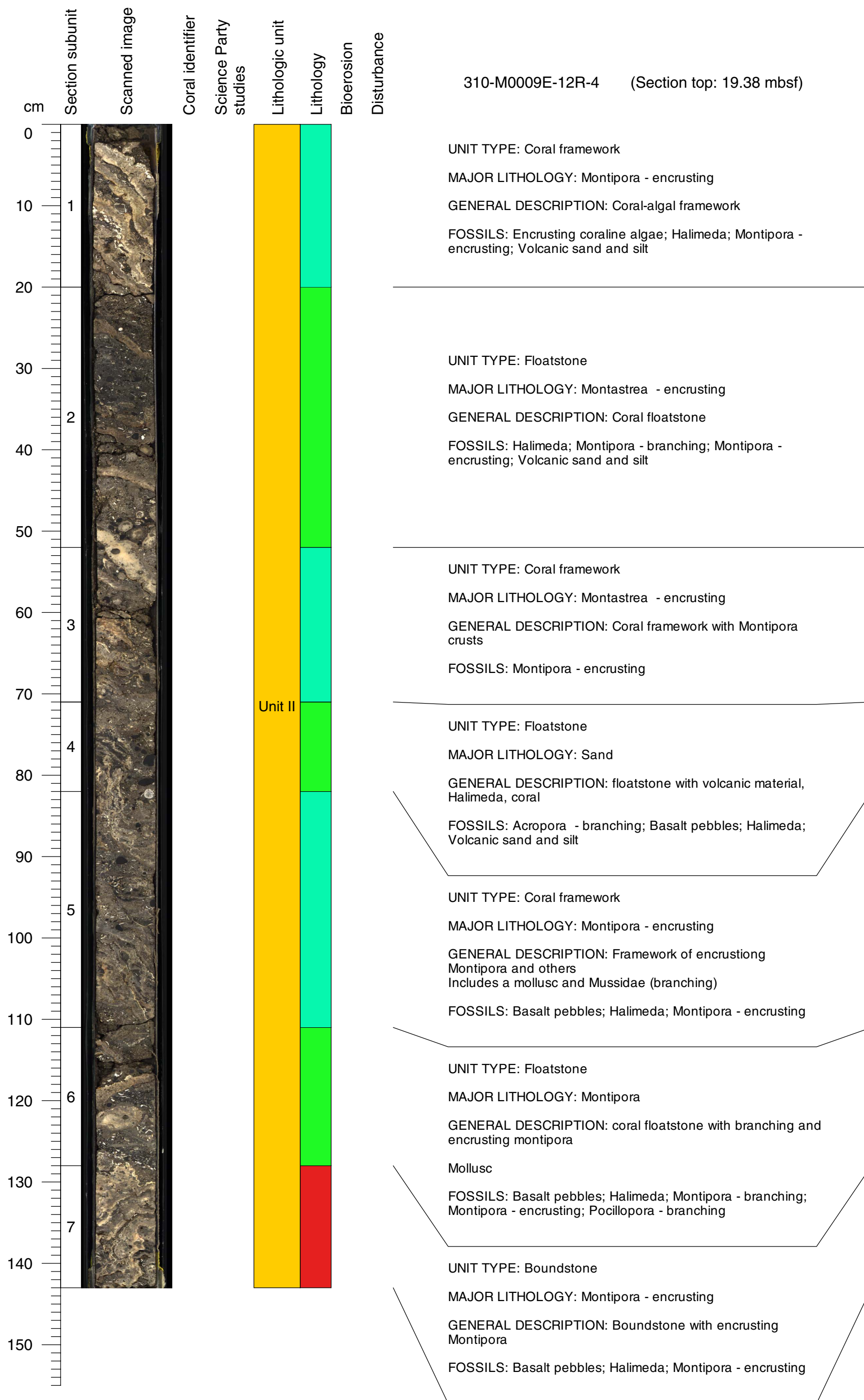
Core Photo



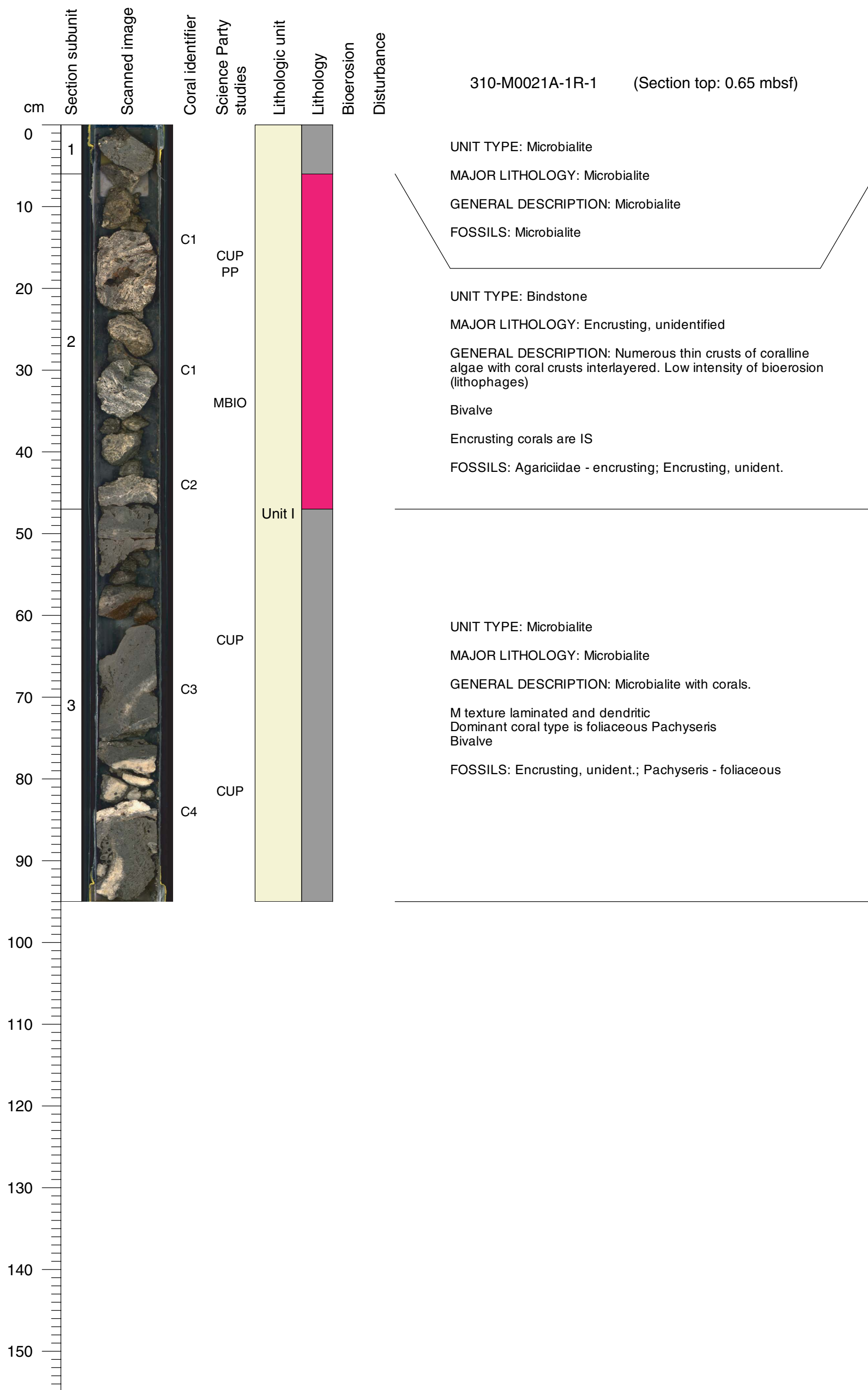
Core Photo



Core Photo

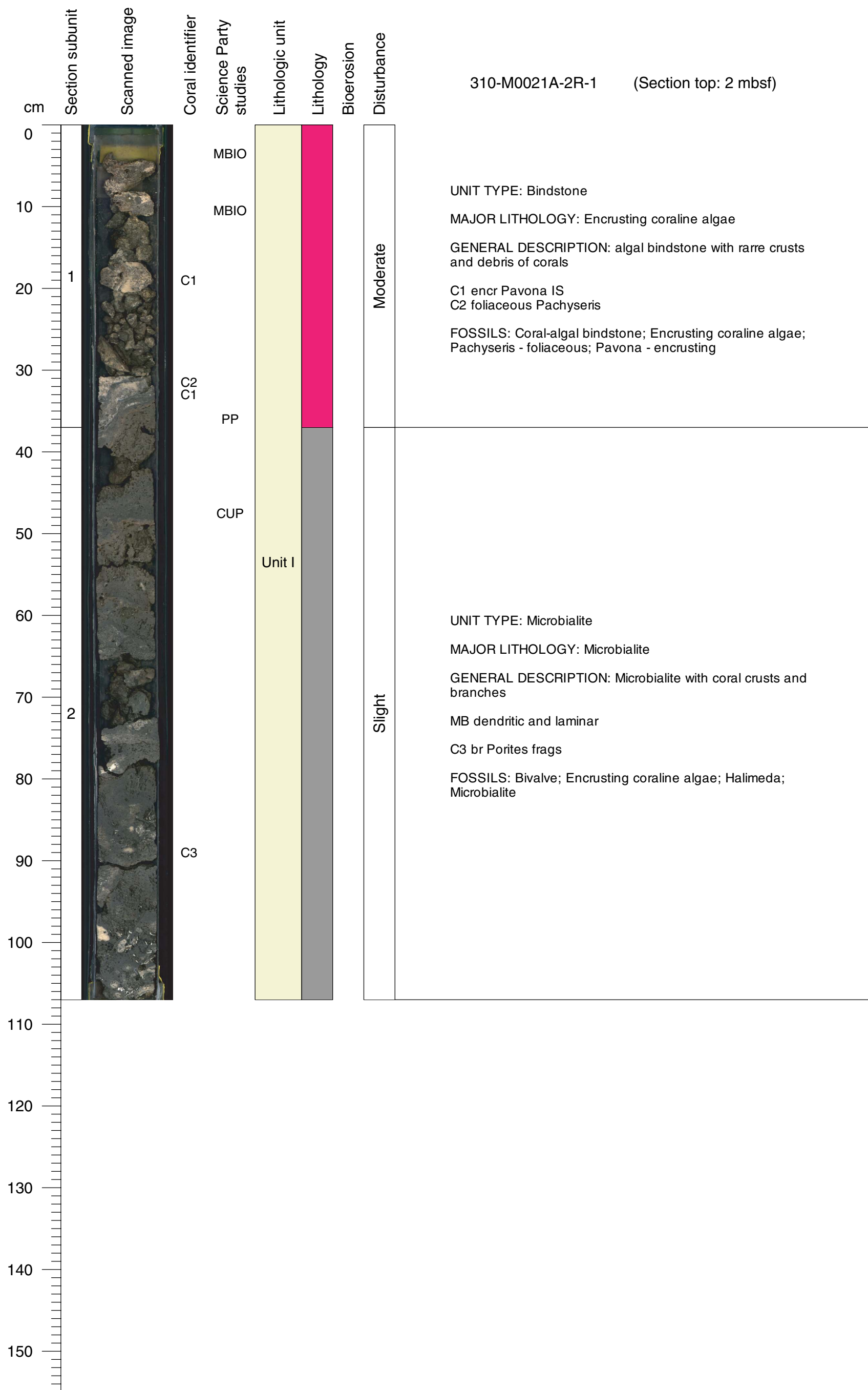


Core Photo



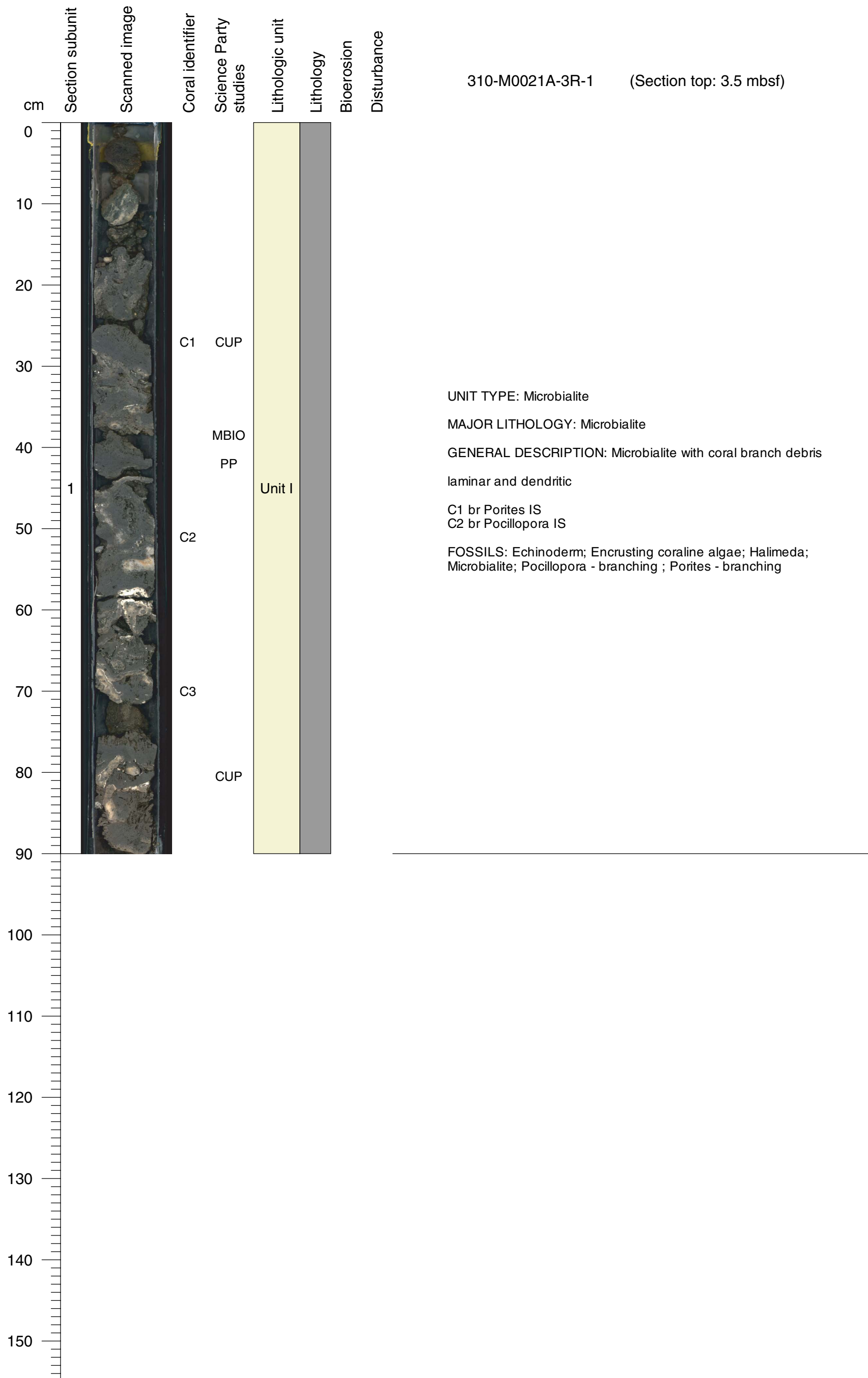
Core Photo

310-M0021A-2R-1 (Section top: 2 mbsf)



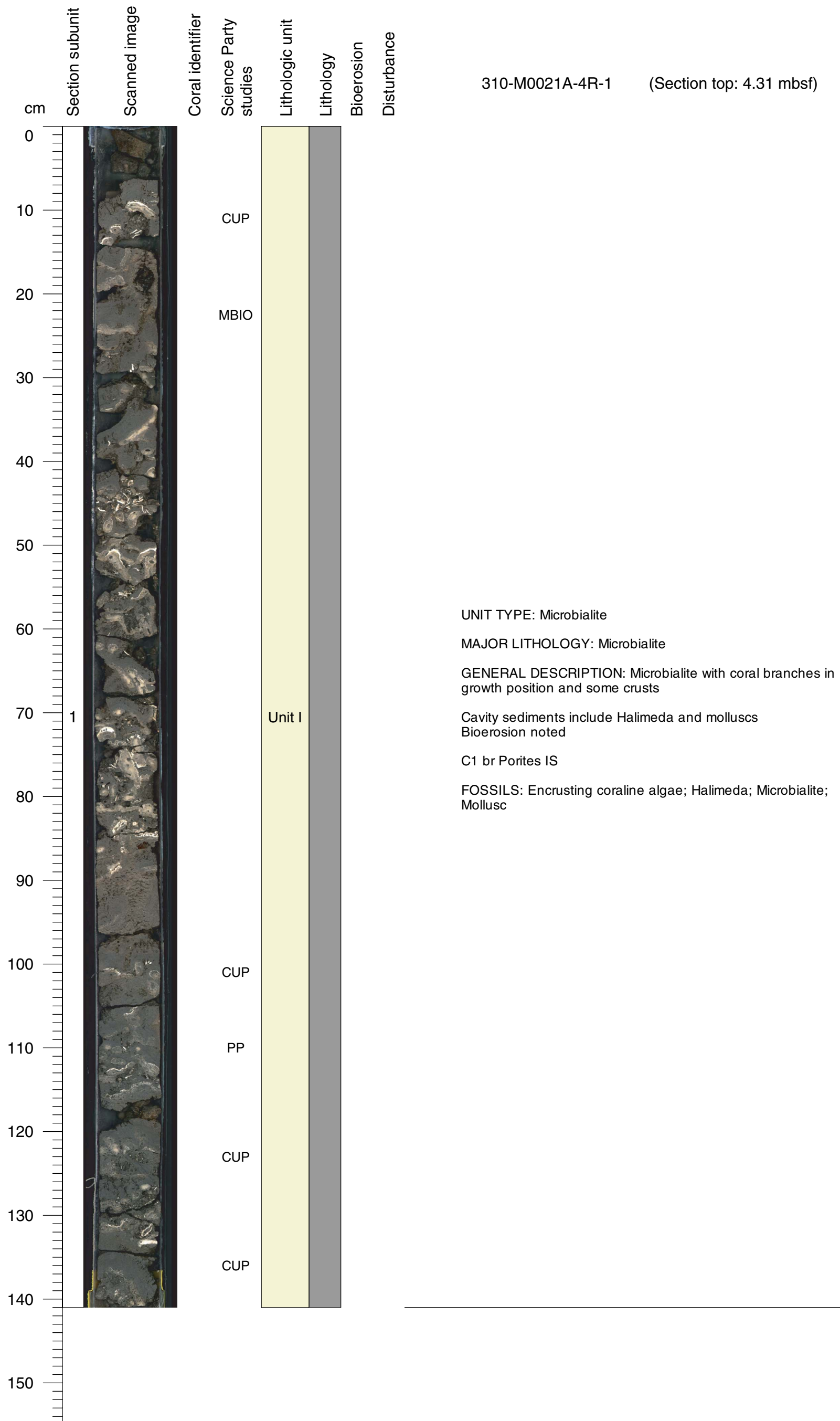
Core Photo

310-M0021A-3R-1 (Section top: 3.5 mbsf)



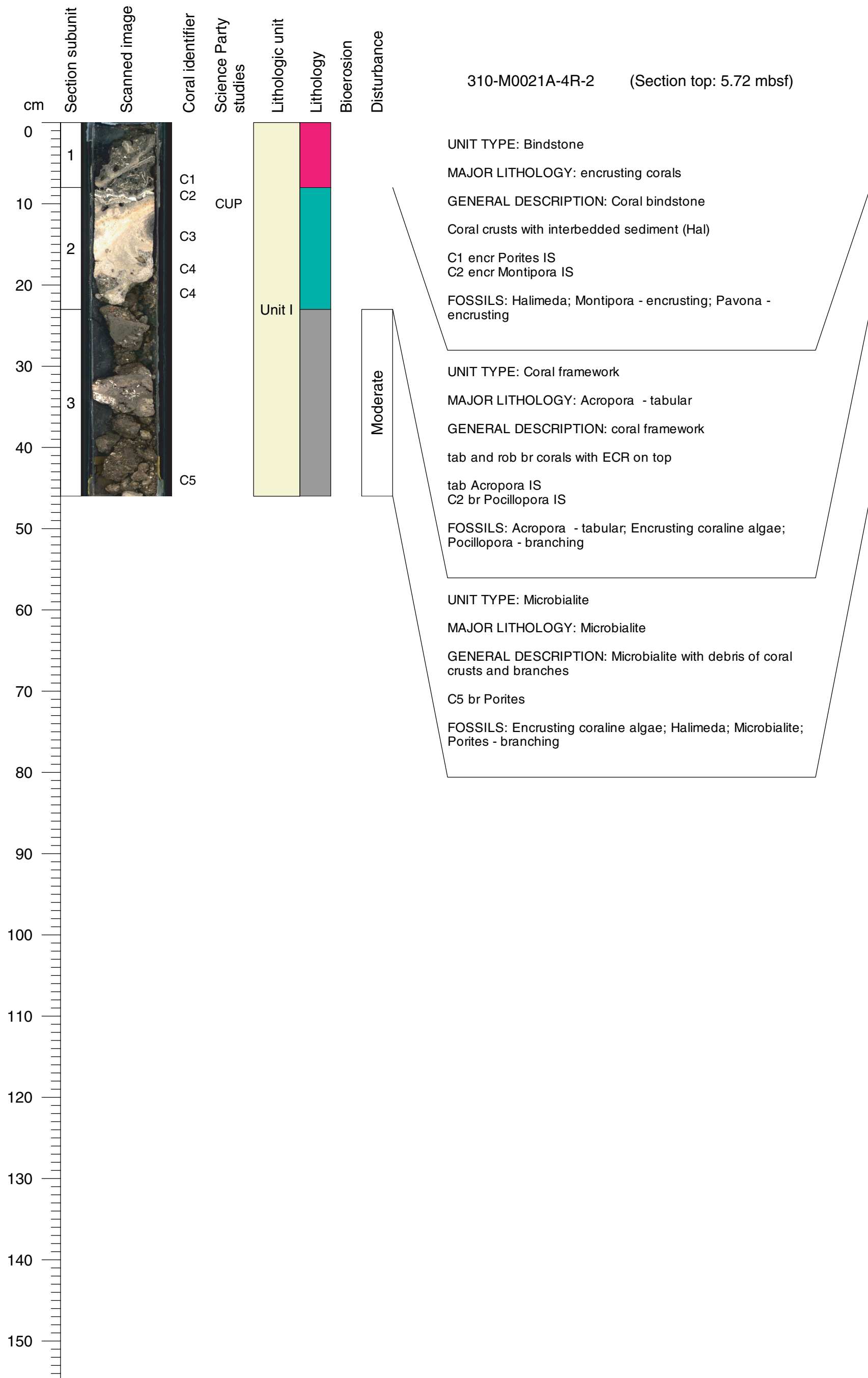
Core Photo

310-M0021A-4R-1 (Section top: 4.31 mbsf)

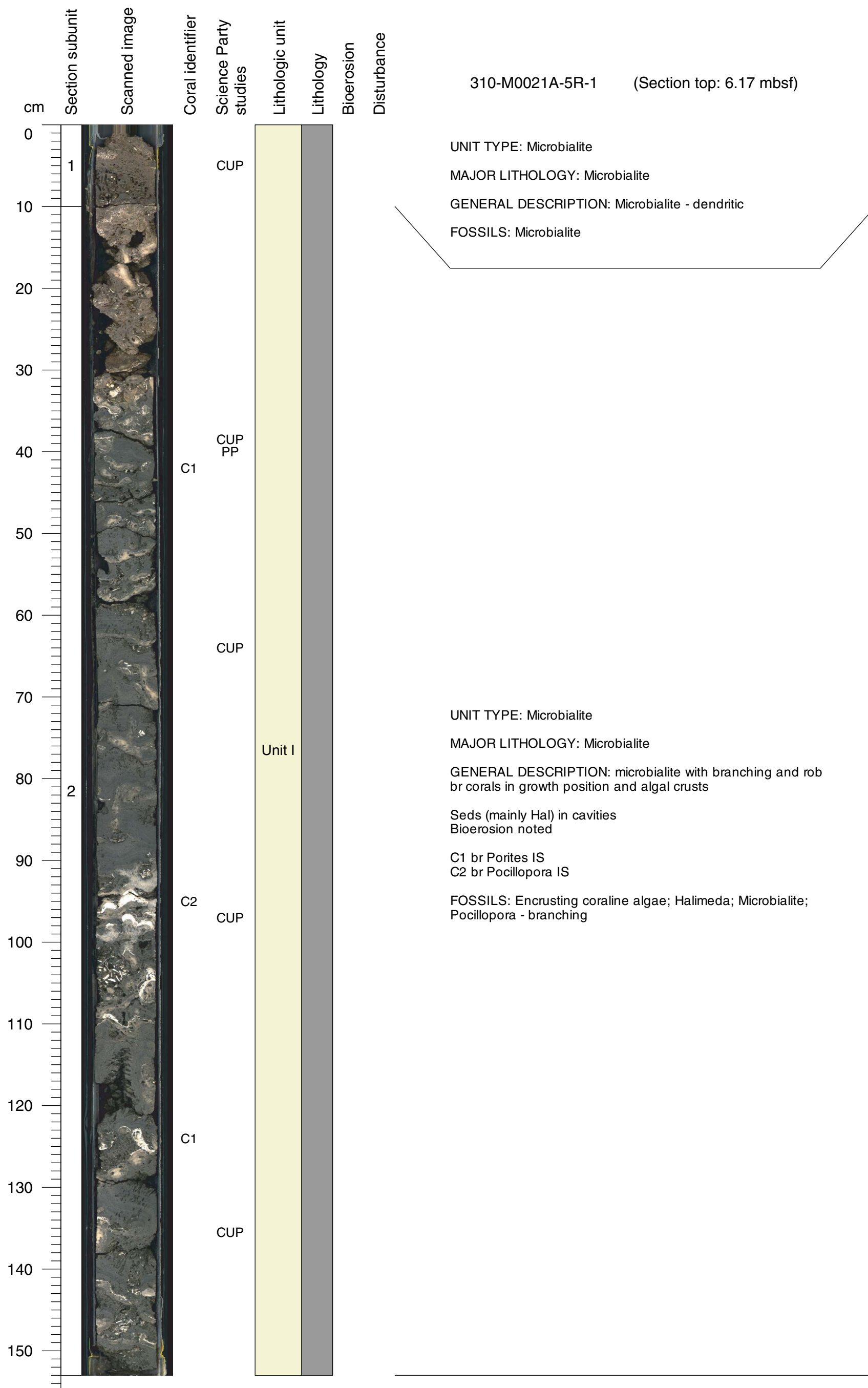


Core Photo

310-M0021A-4R-2 (Section top: 5.72 mbsf)

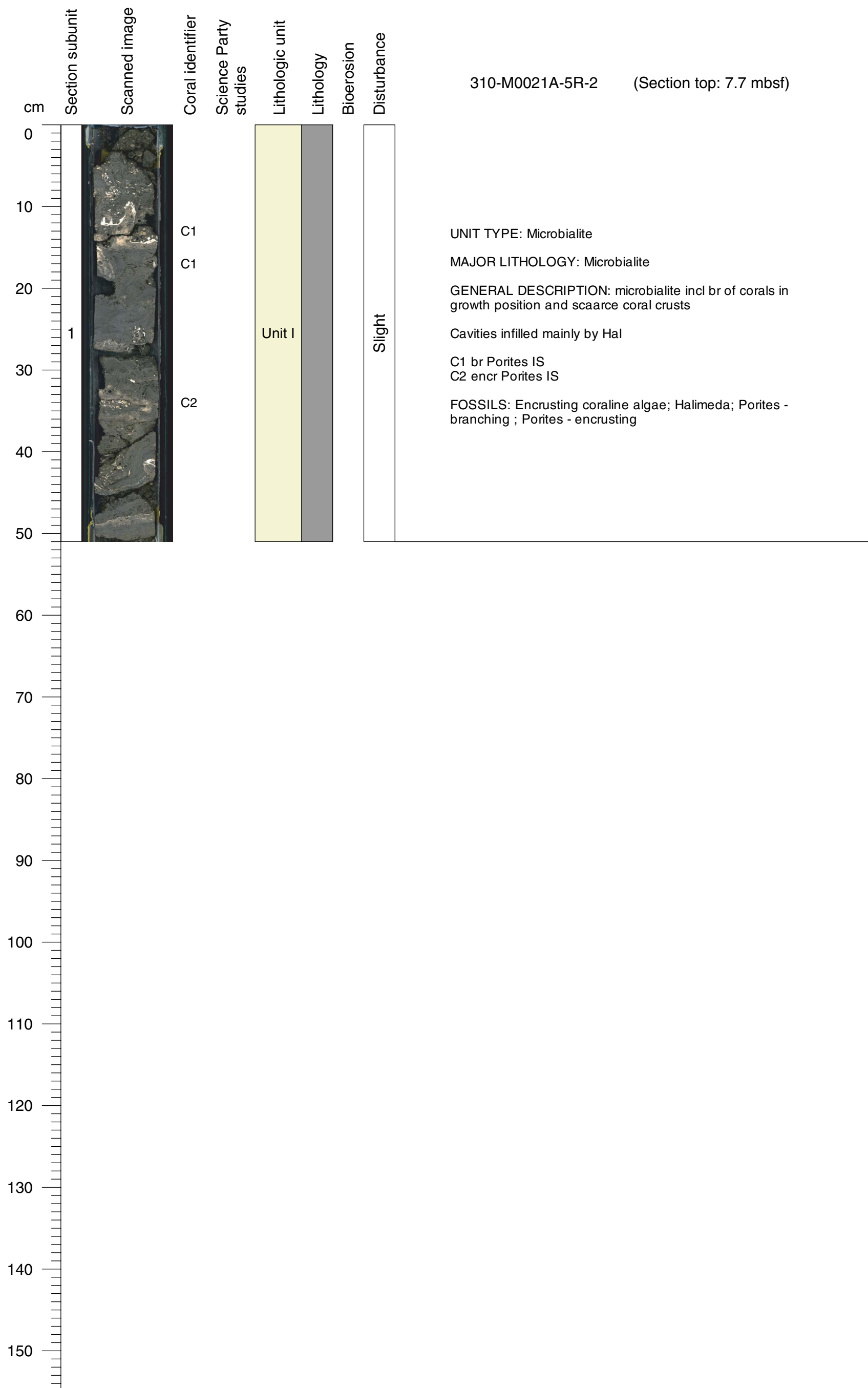


Core Photo



Core Photo

310-M0021A-5R-2 (Section top: 7.7 mbsf)



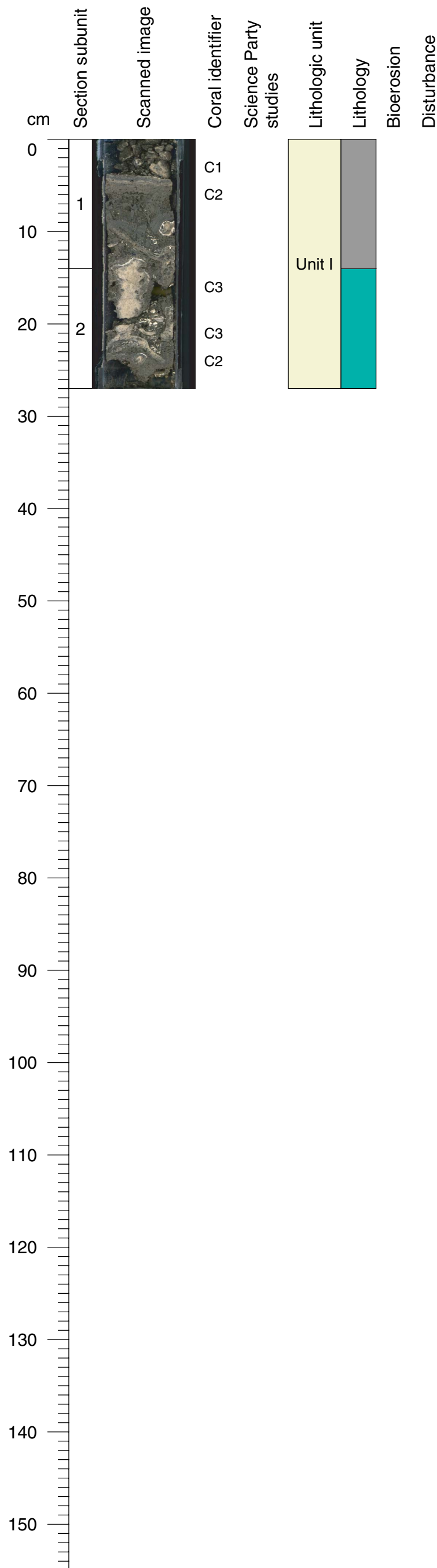
Core Photo

310-M0021A-6R-1 (Section top: 8.2 mbsf)



Core Photo

310-M0021A-6R-2 (Section top: 9.71 mbsf)



UNIT TYPE: Microbialite

MAJOR LITHOLOGY: Microbialite

GENERAL DESCRIPTION: Microbialite with corals
Sediments (mainly Halimeda) inside cavities
some disturbance

C1 encr Porites IS
C2 br Porites

FOSSILS: Encrusting coraline algae; Halimeda; Porites -
branching ; Porites - encrusting

UNIT TYPE: Coral framework

MAJOR LITHOLOGY: Pavona - branching

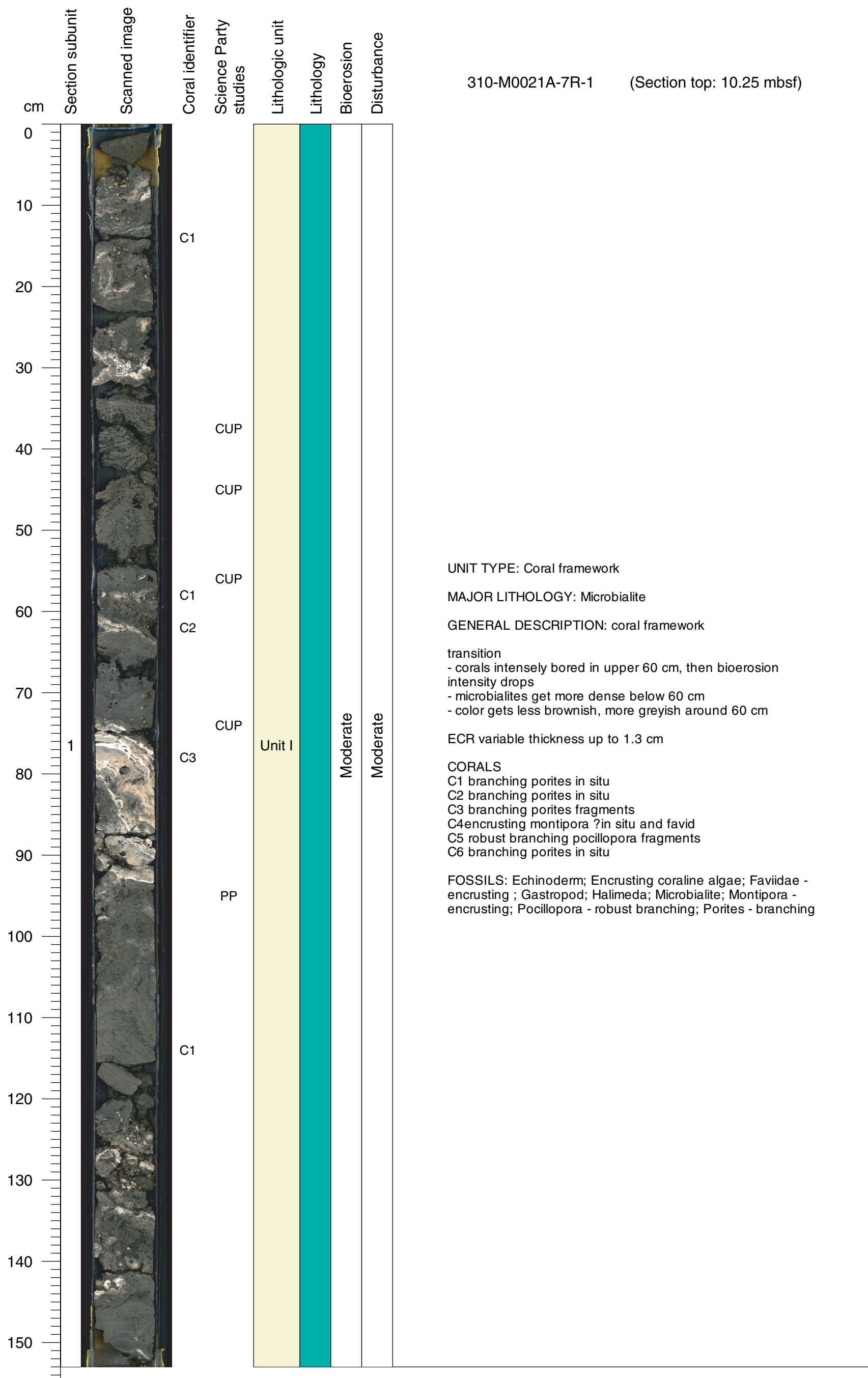
GENERAL DESCRIPTION: coral framework. Branching corals
in growth position. Thin algal crust above corals

C1 encr Porites IS
C2 br Porites
C3 br Pavona IS

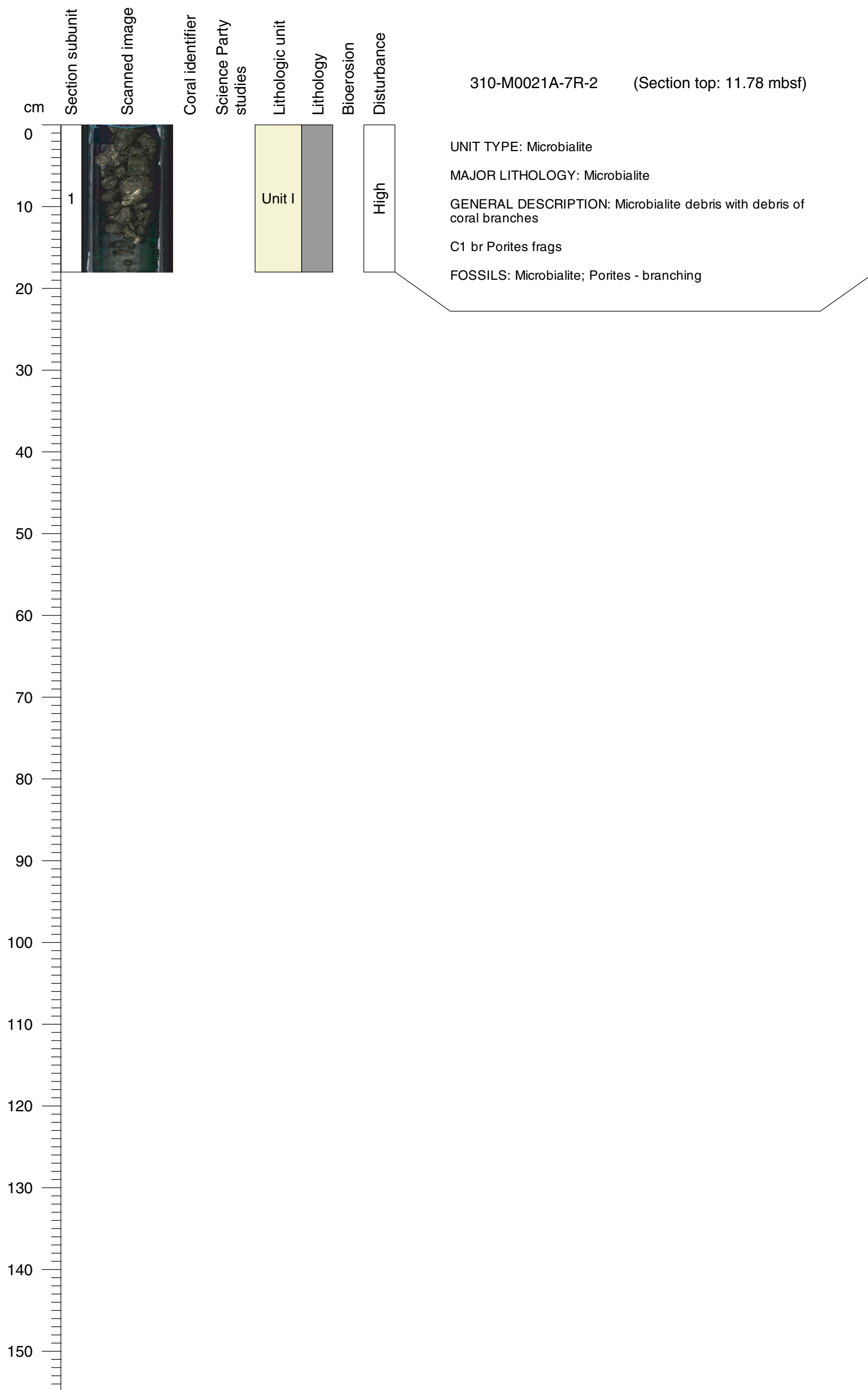
FOSSILS: Encrusting coraline algae; Halimeda; Pavona -
branching; Porites - branching ; Porites - encrusting

Core Photo

310-M0021A-7R-1 (Section top: 10.25 mbsf)

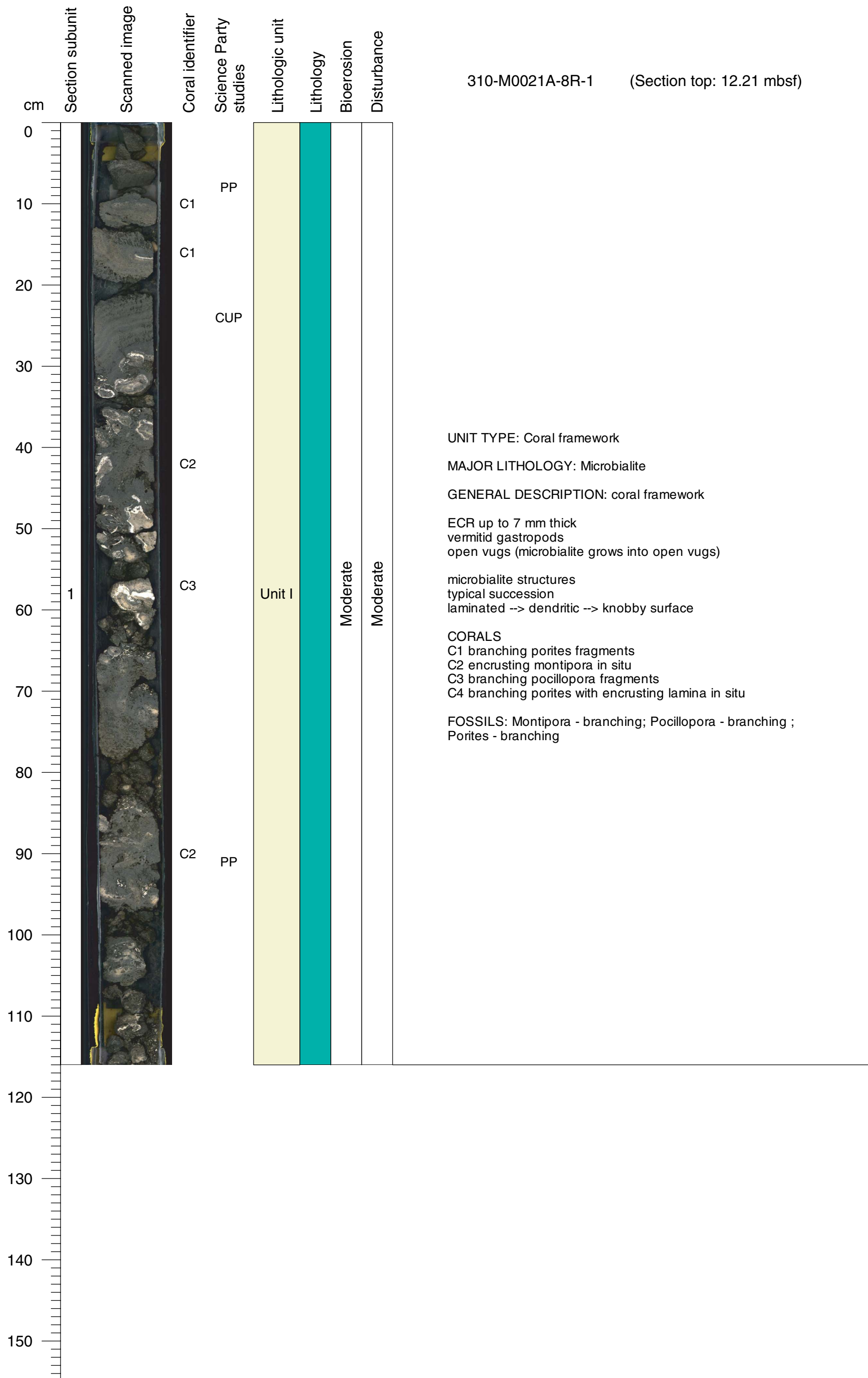


Core Photo



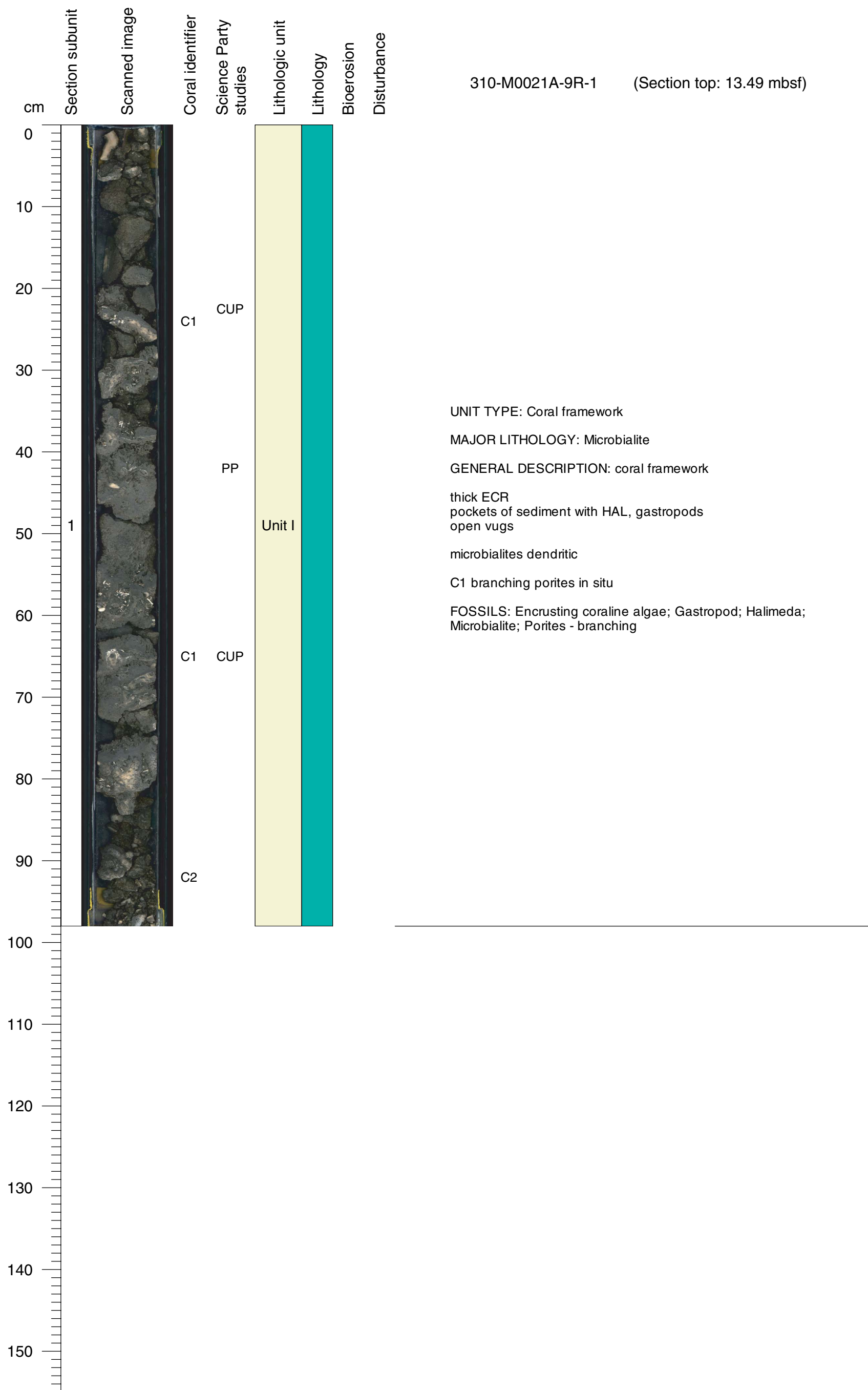
Core Photo

310-M0021A-8R-1 (Section top: 12.21 mbsf)



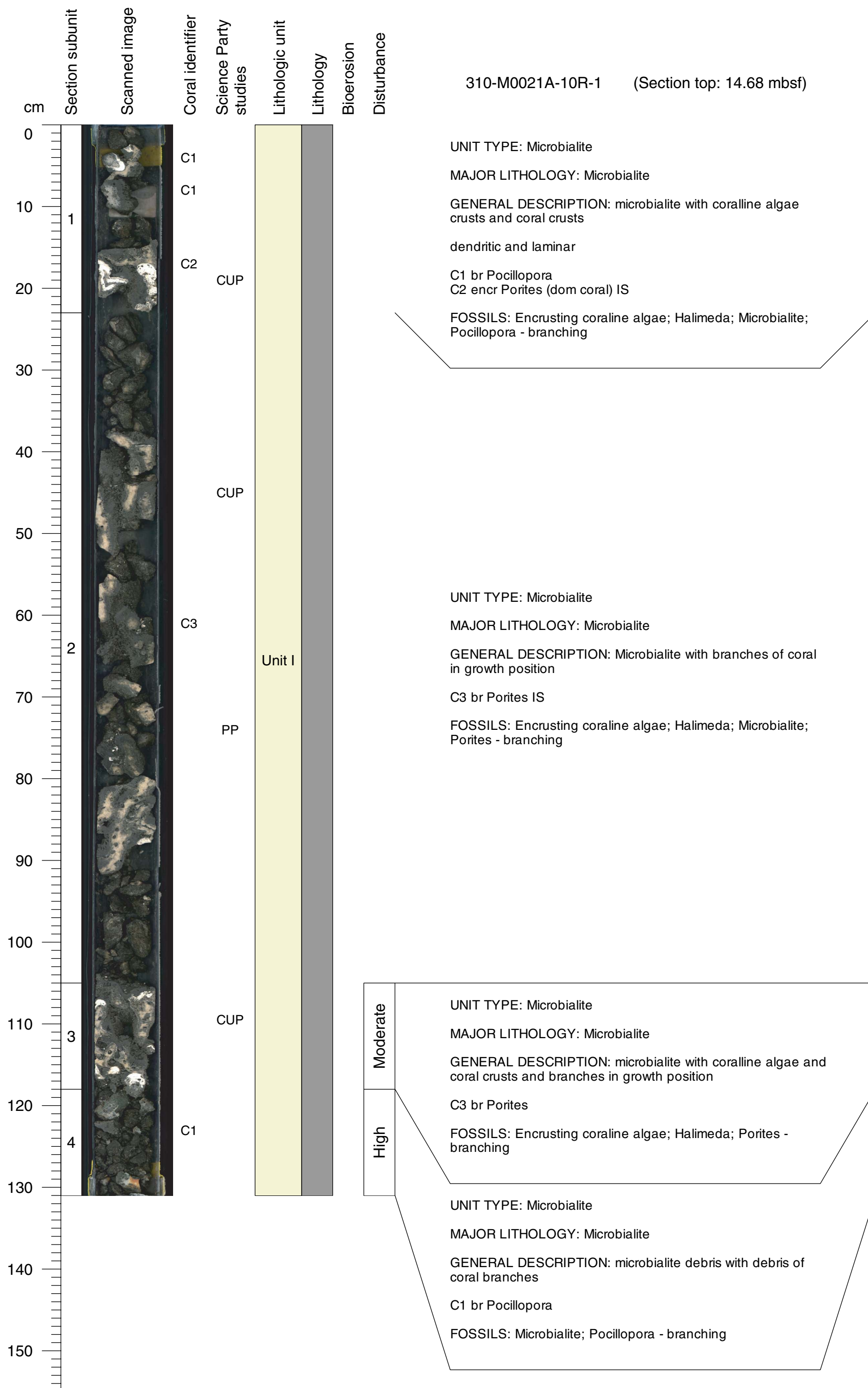
Core Photo

310-M0021A-9R-1 (Section top: 13.49 mbsf)



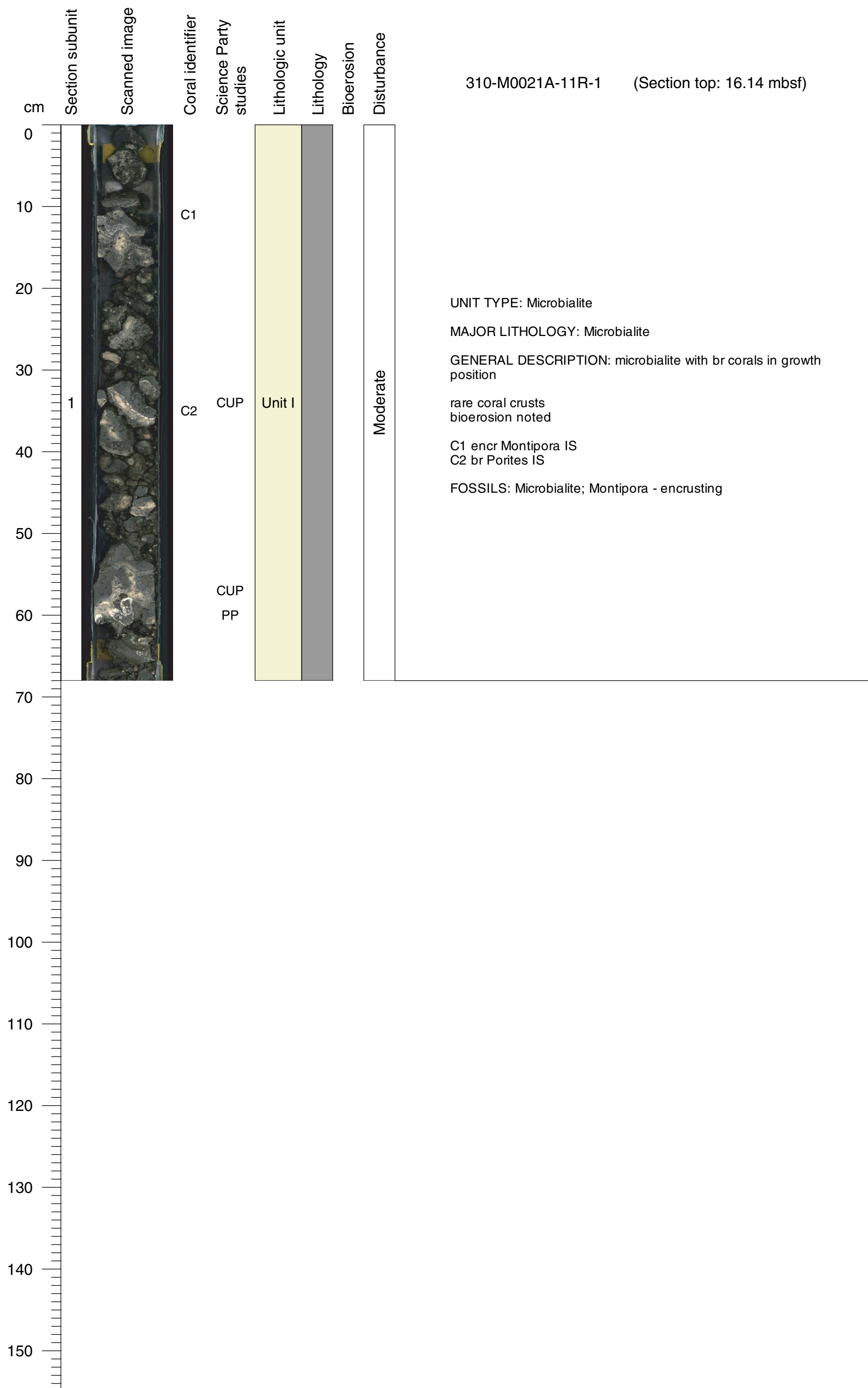
Core Photo

310-M0021A-10R-1 (Section top: 14.68 mbsf)



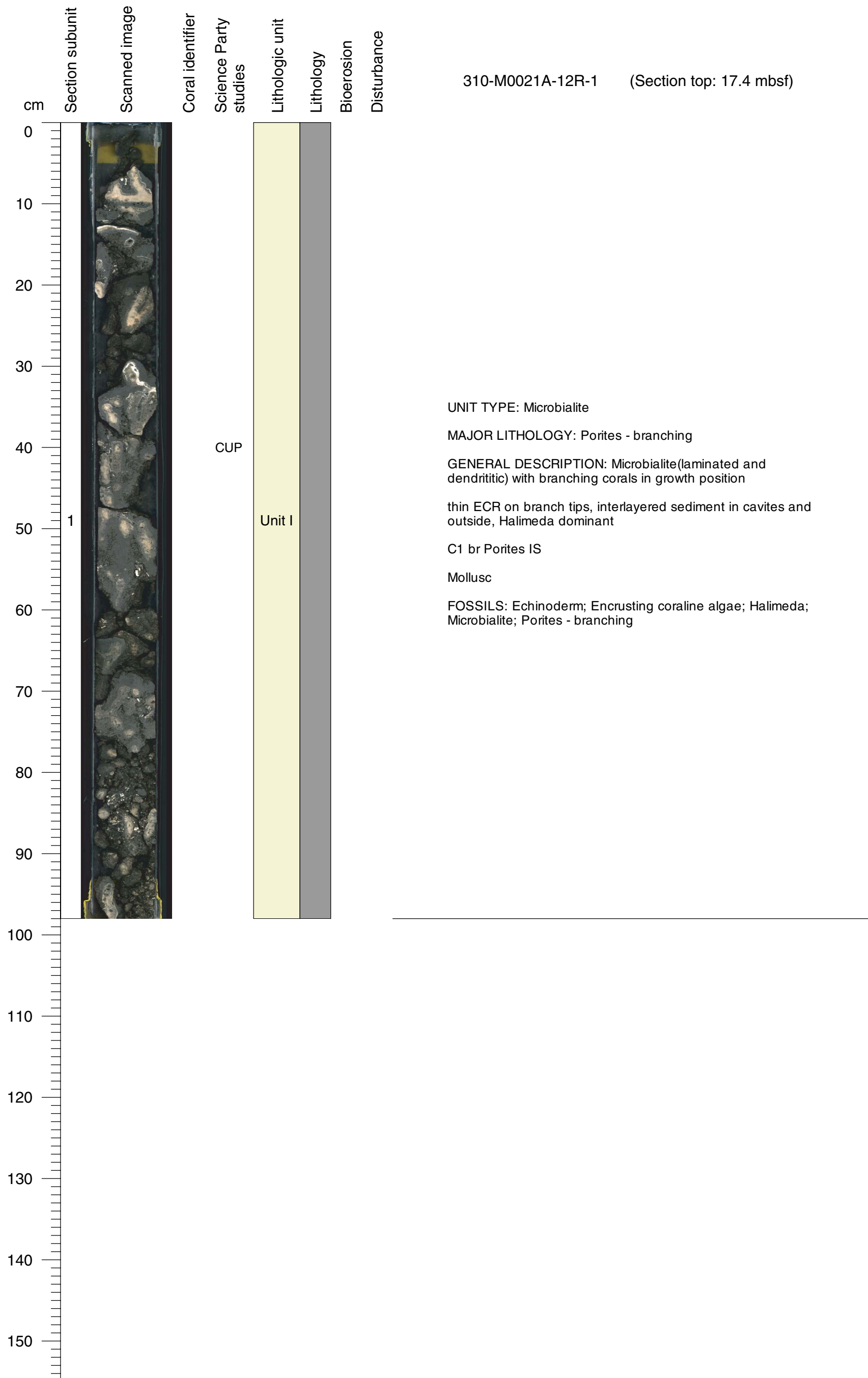
Core Photo

310-M0021A-11R-1 (Section top: 16.14 mbsf)



Core Photo

310-M0021A-12R-1 (Section top: 17.4 mbsf)



Core Photo

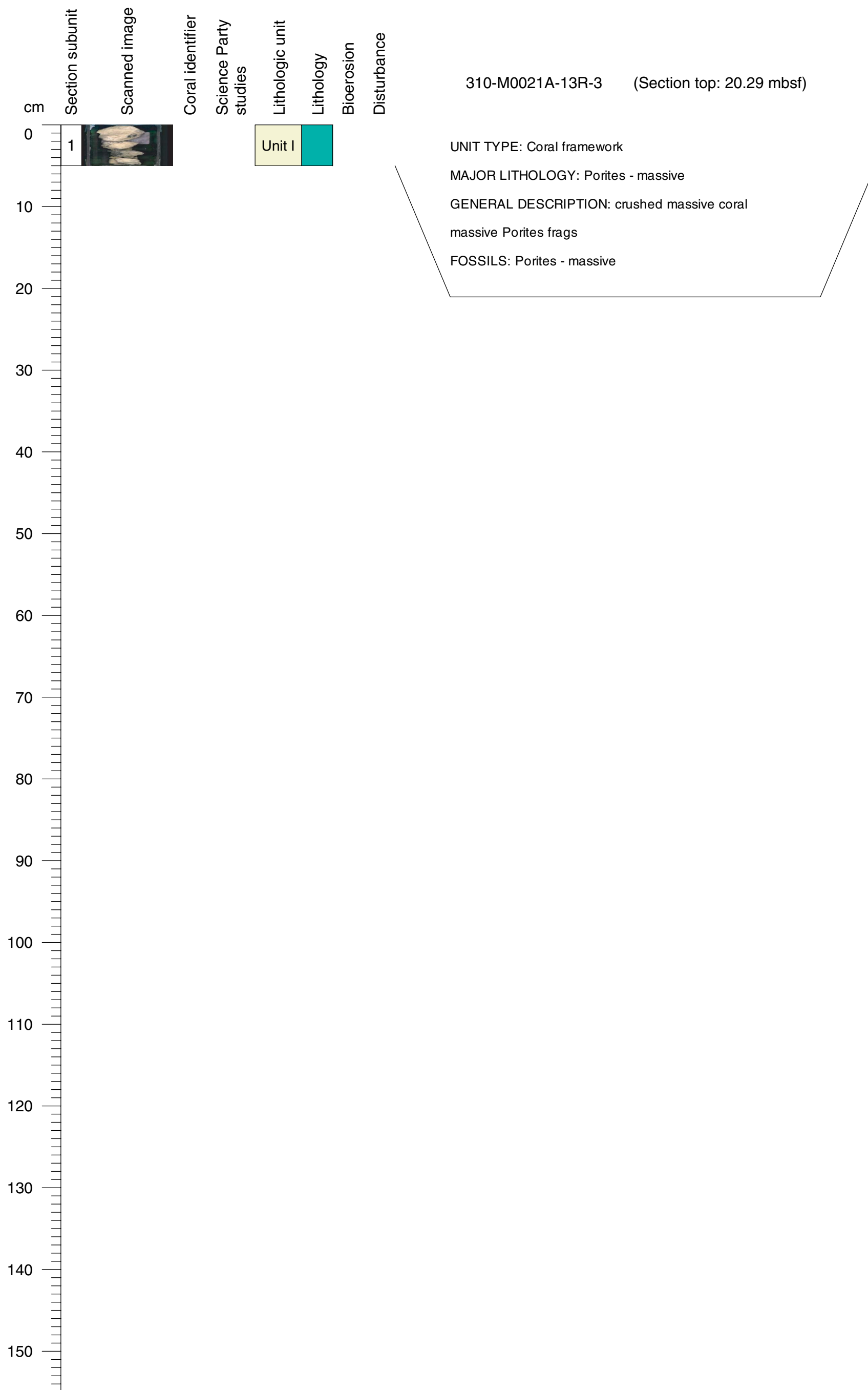


Core Photo

310-M0021A-13R-2 (Section top: 18.97 mbsf)

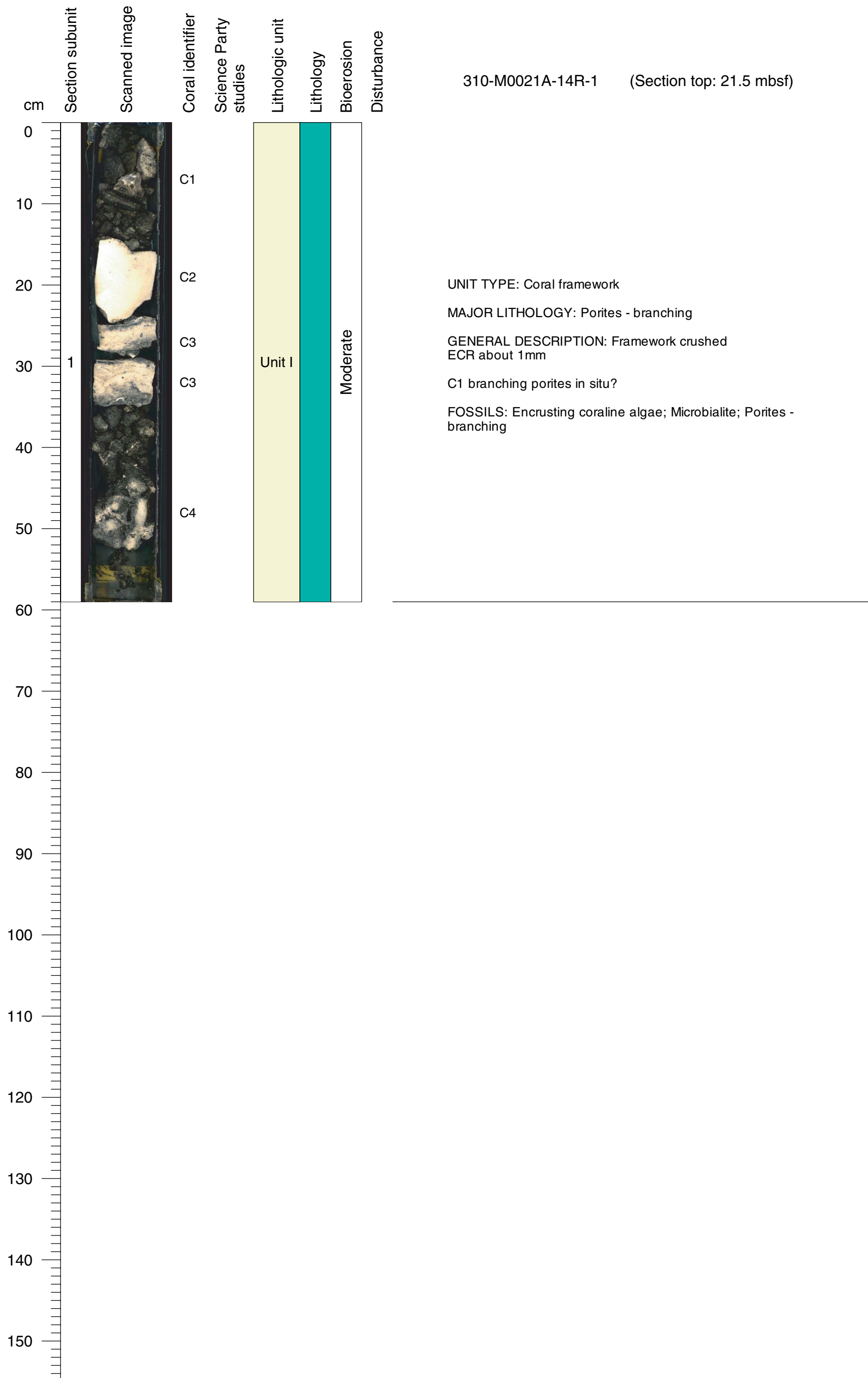


Core Photo



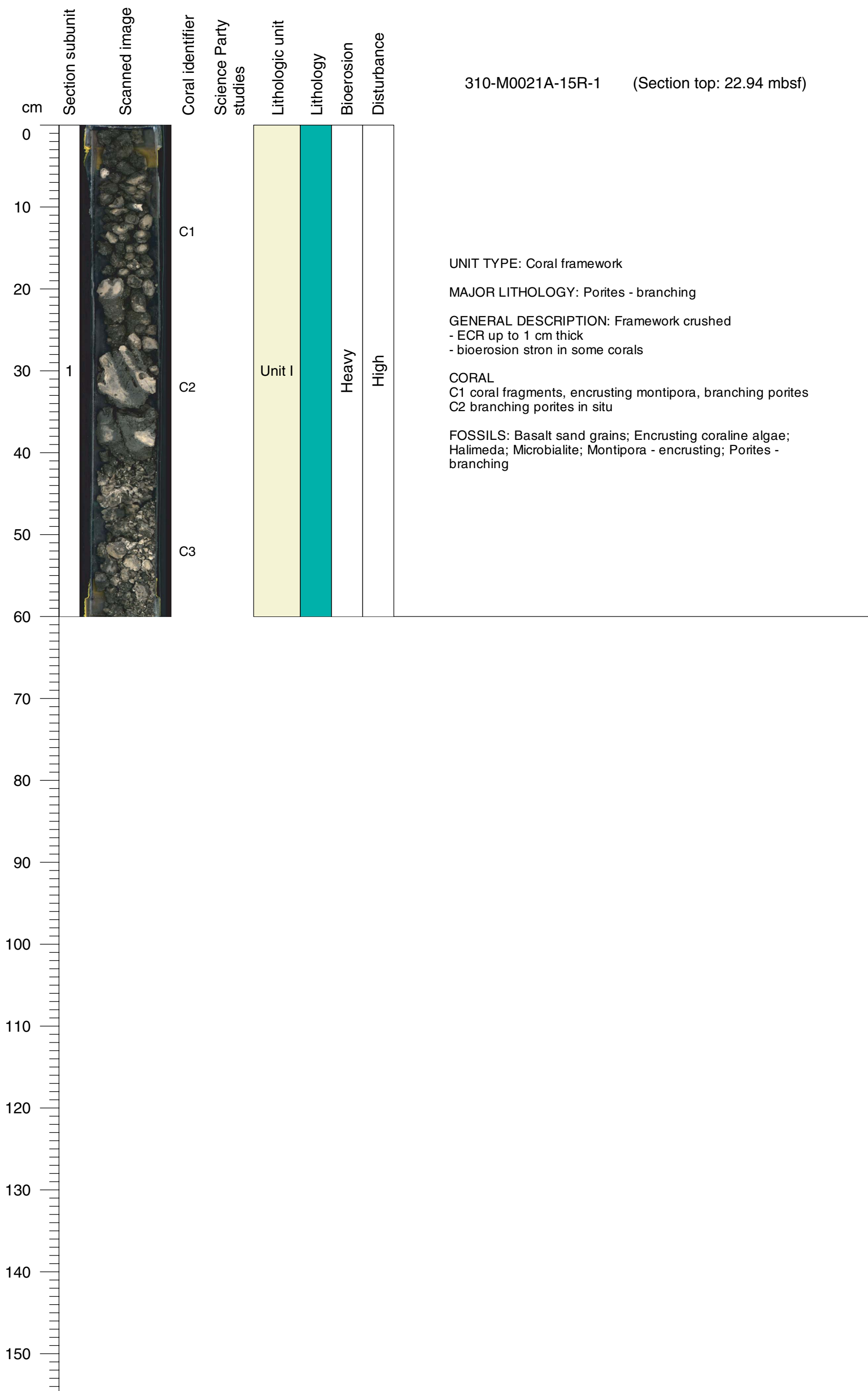
Core Photo

310-M0021A-14R-1 (Section top: 21.5 mbsf)



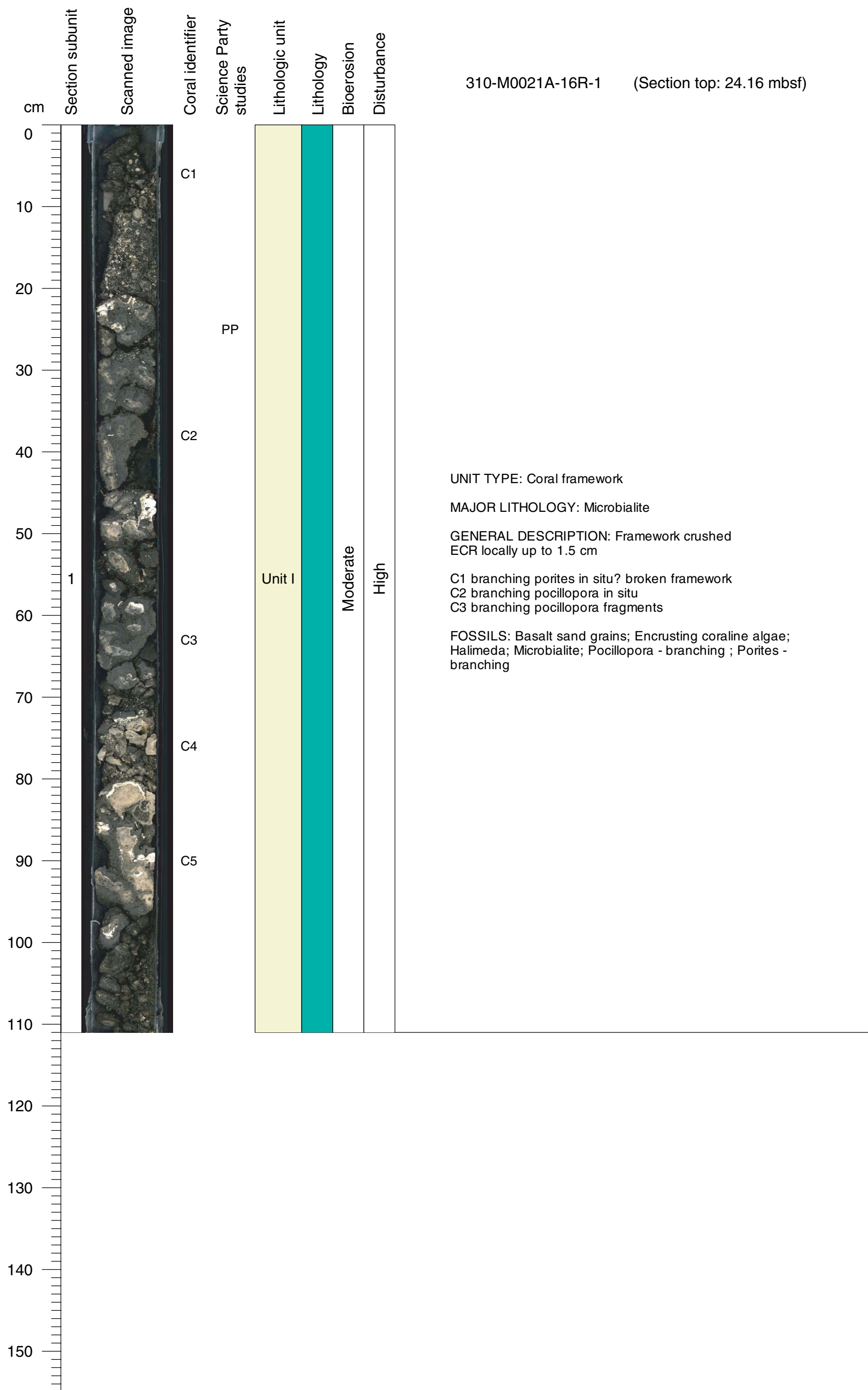
Core Photo

310-M0021A-15R-1 (Section top: 22.94 mbsf)



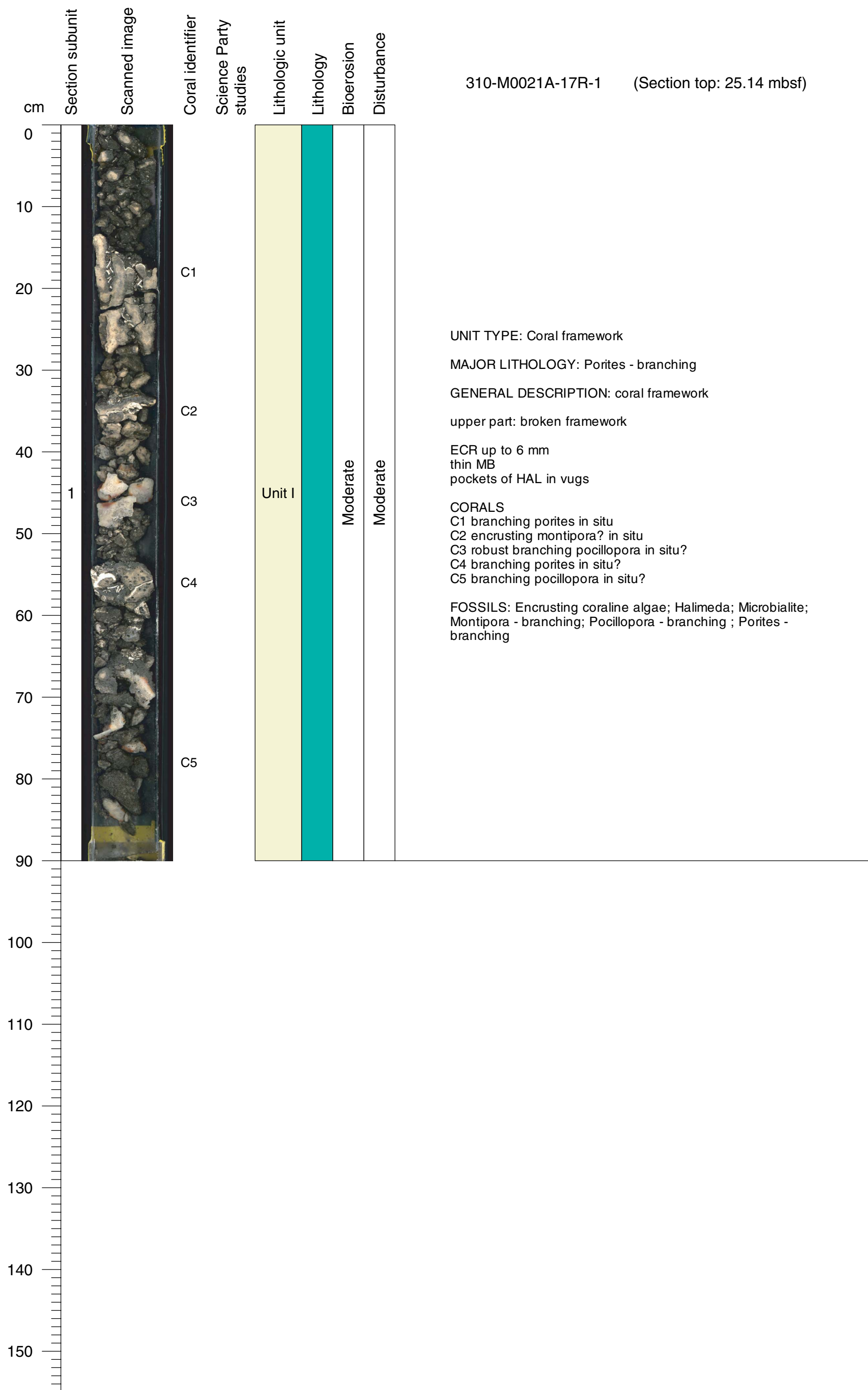
Core Photo

310-M0021A-16R-1 (Section top: 24.16 mbsf)

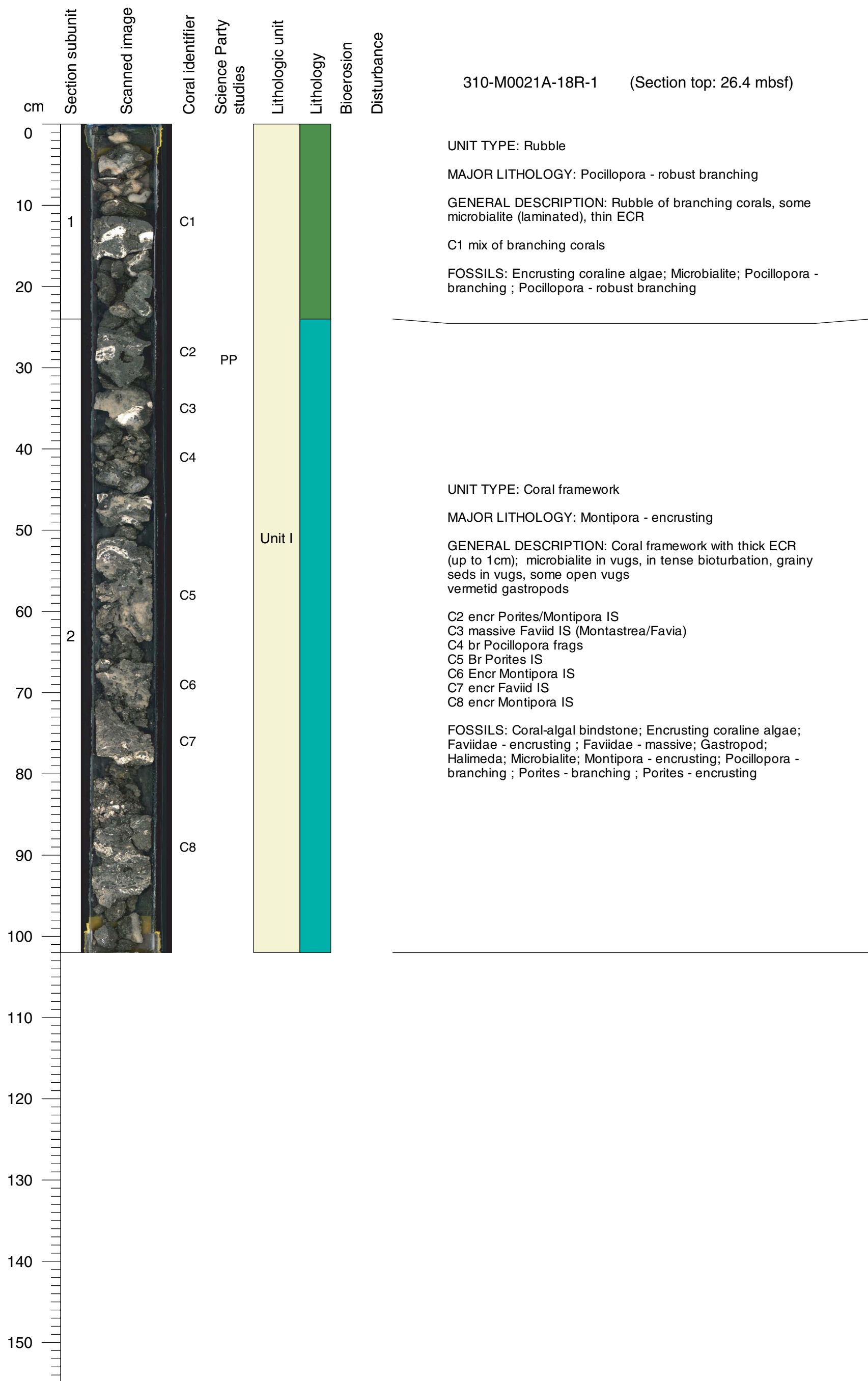


Core Photo

310-M0021A-17R-1 (Section top: 25.14 mbsf)

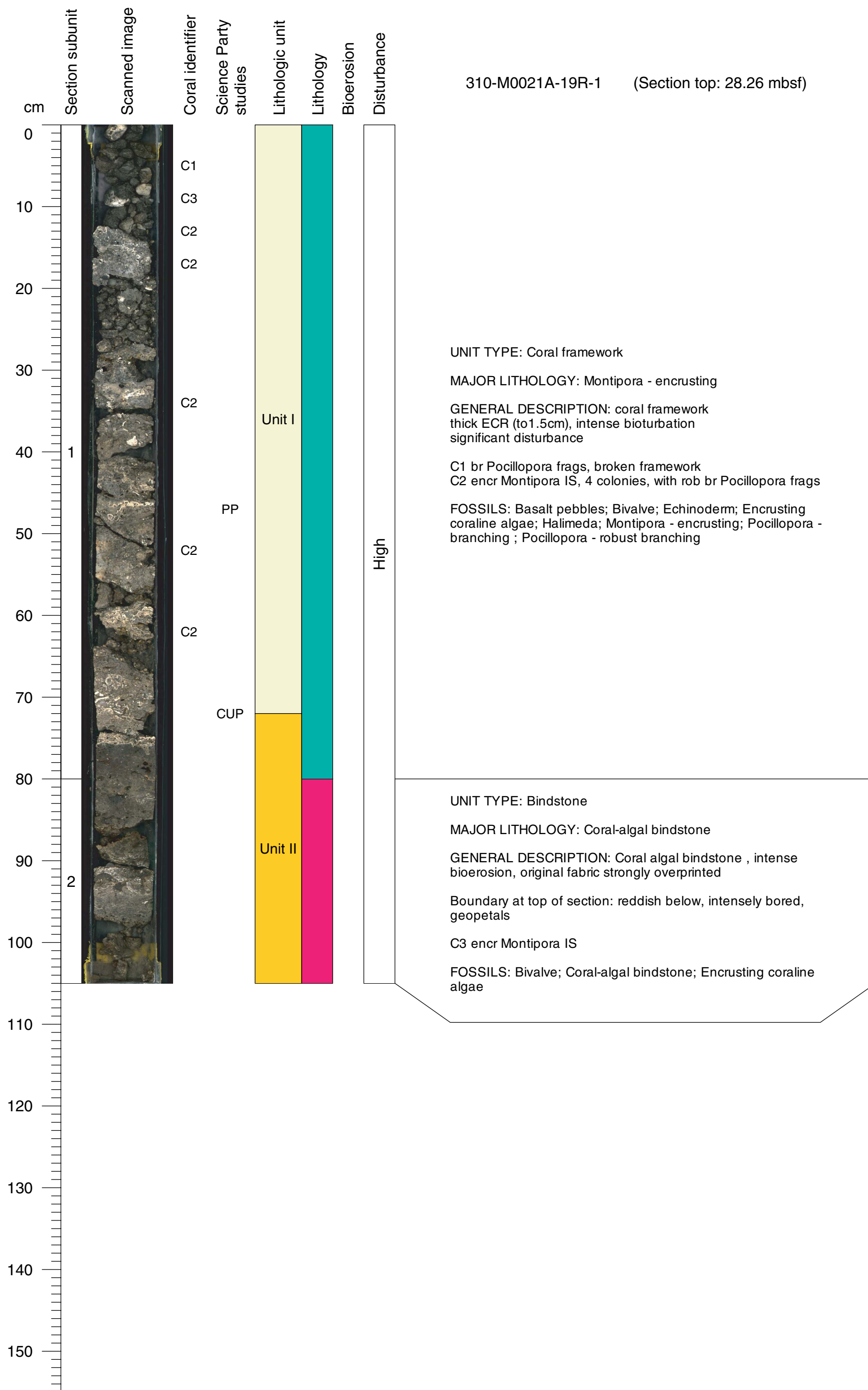


Core Photo



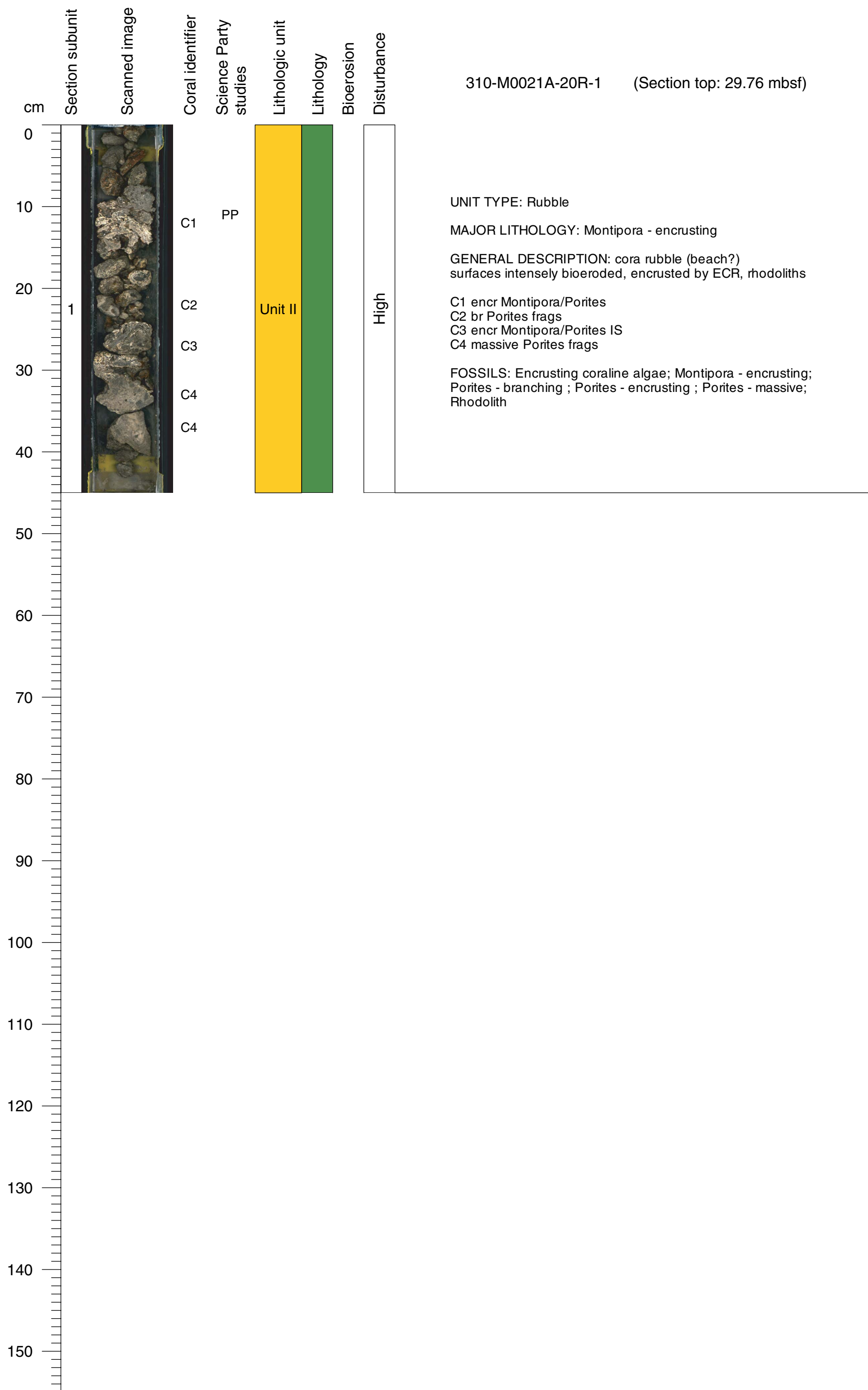
Core Photo

310-M0021A-19R-1 (Section top: 28.26 mbsf)

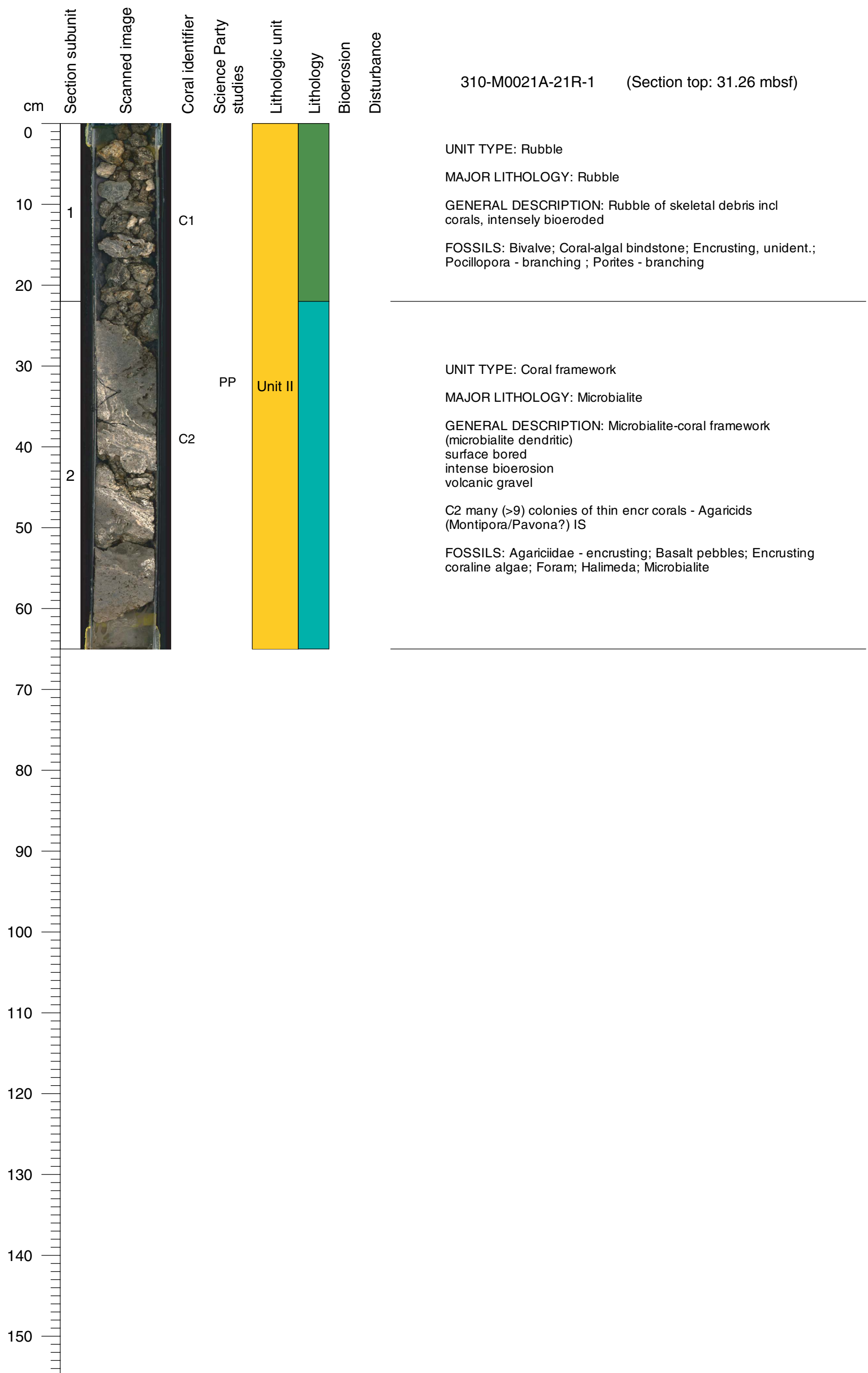


Core Photo

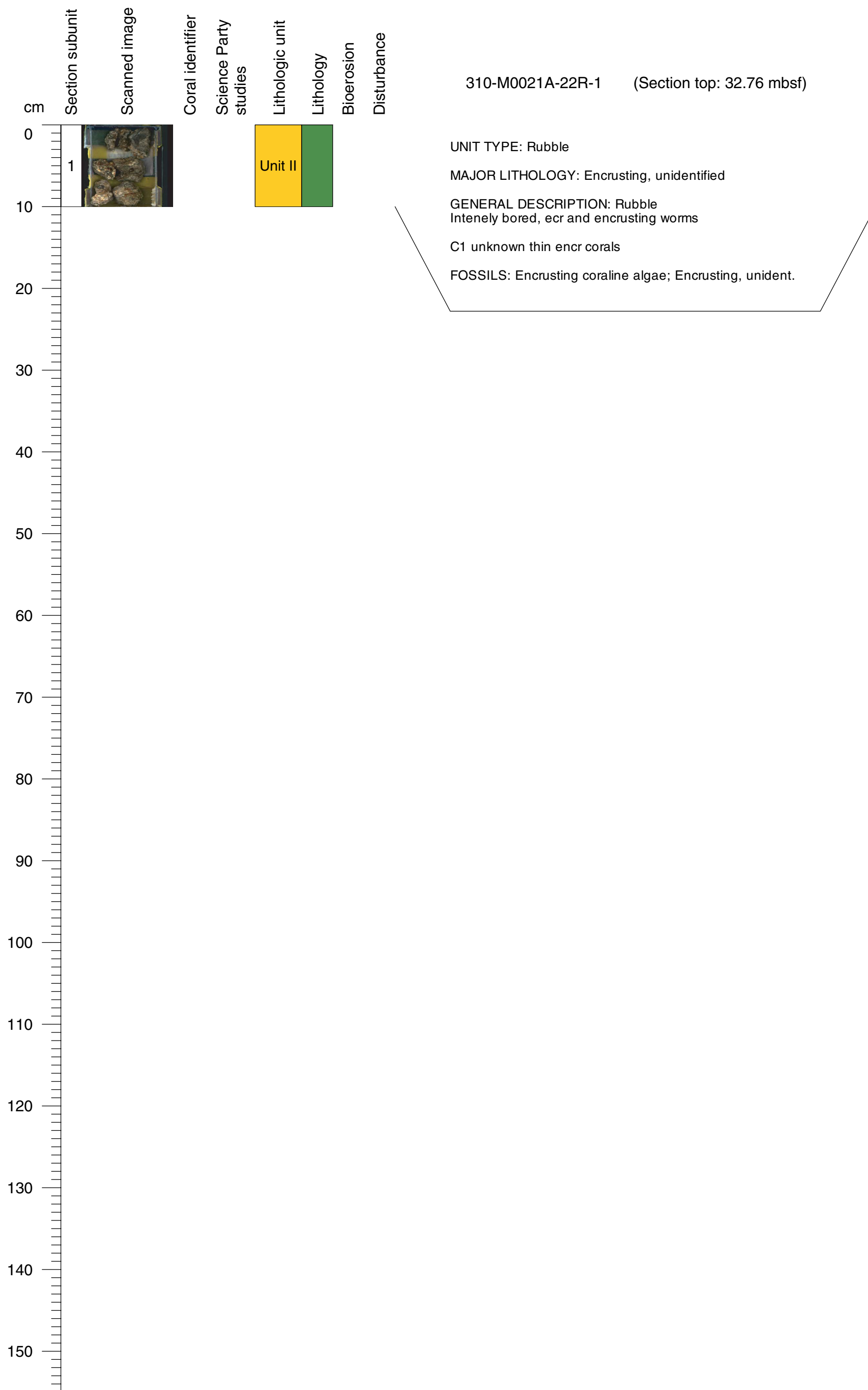
310-M0021A-20R-1 (Section top: 29.76 mbsf)



Core Photo

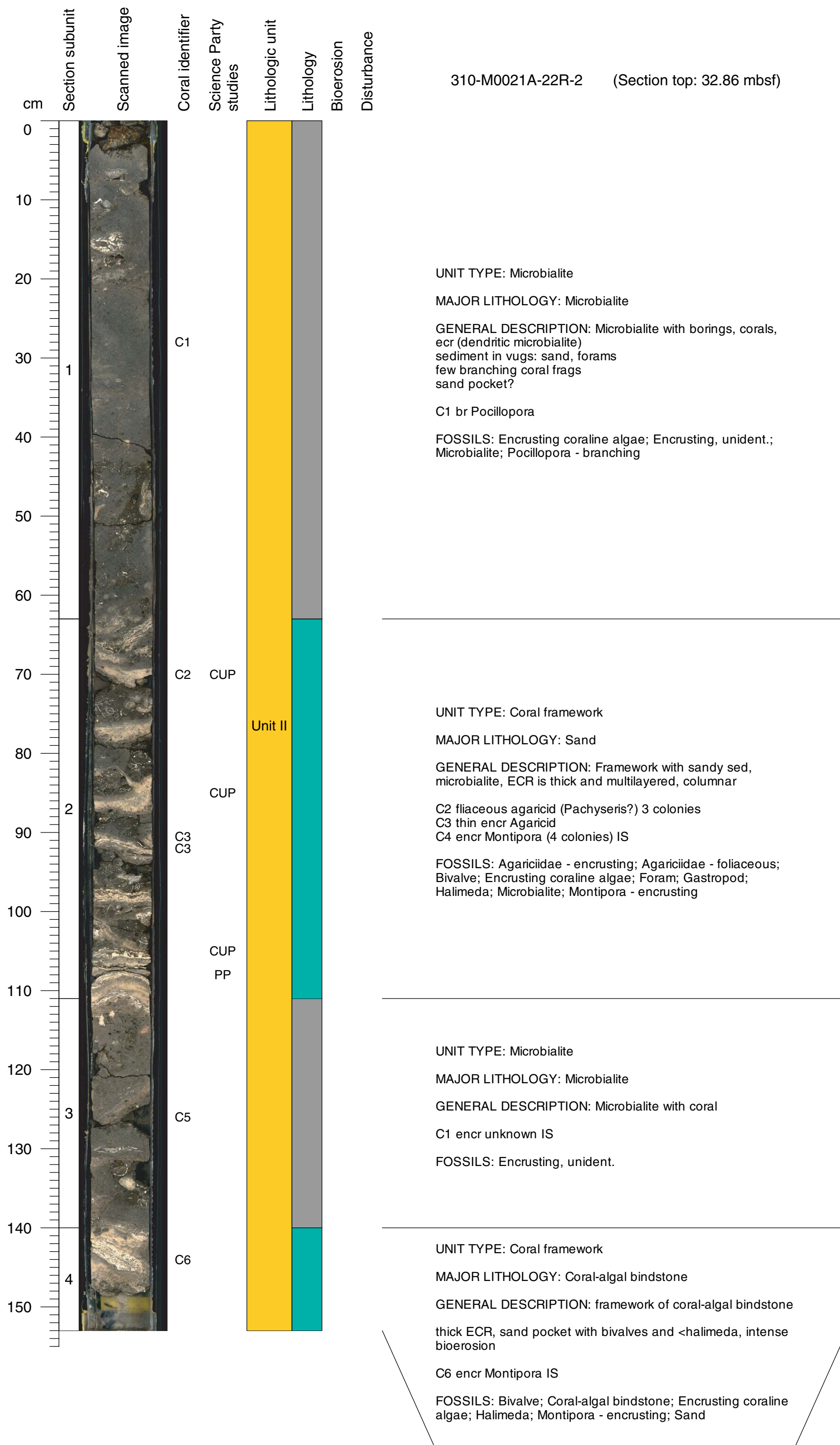


Core Photo



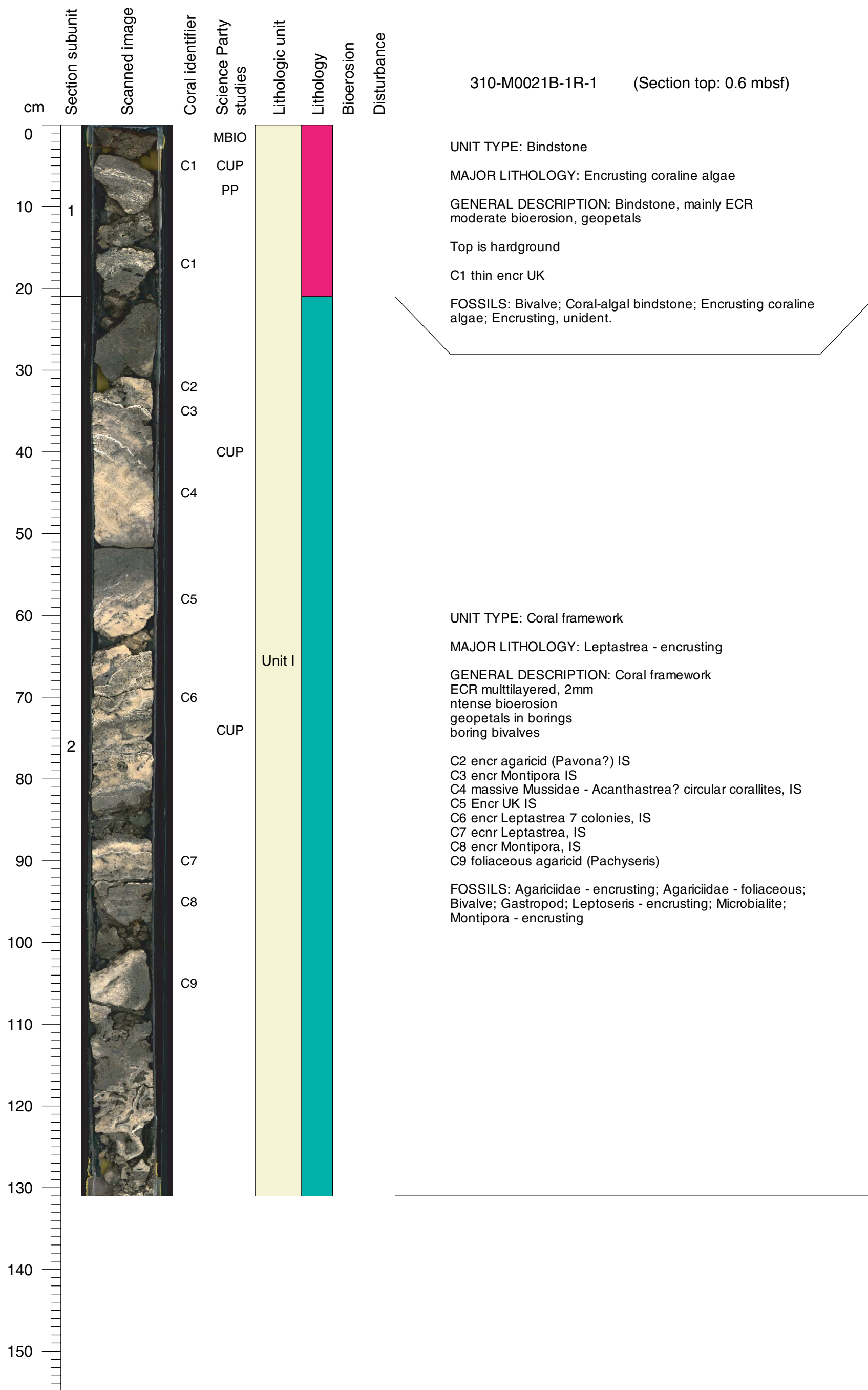
Core Photo

310-M0021A-22R-2 (Section top: 32.86 mbsf)



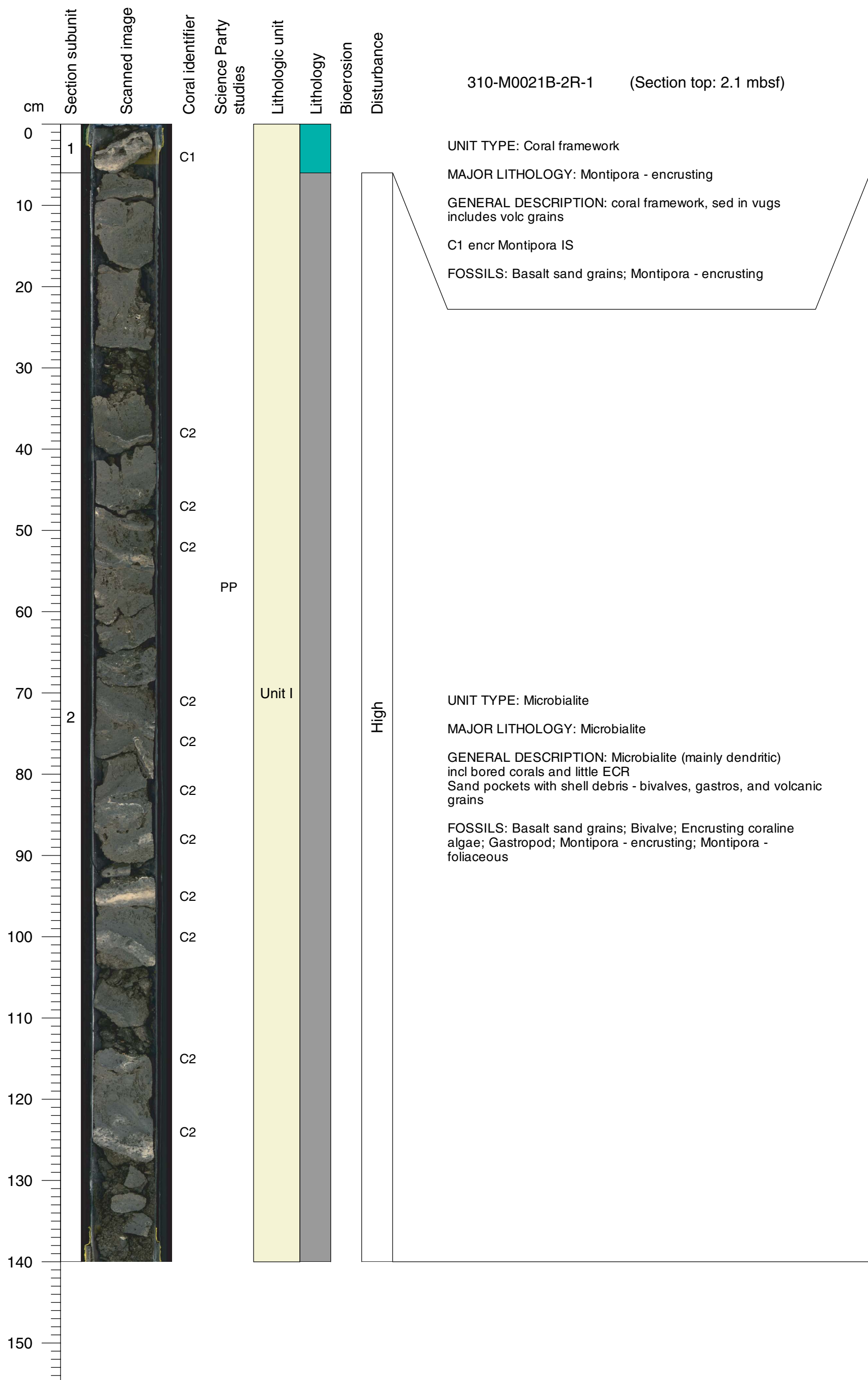
Core Photo

310-M0021B-1R-1 (Section top: 0.6 mbsf)



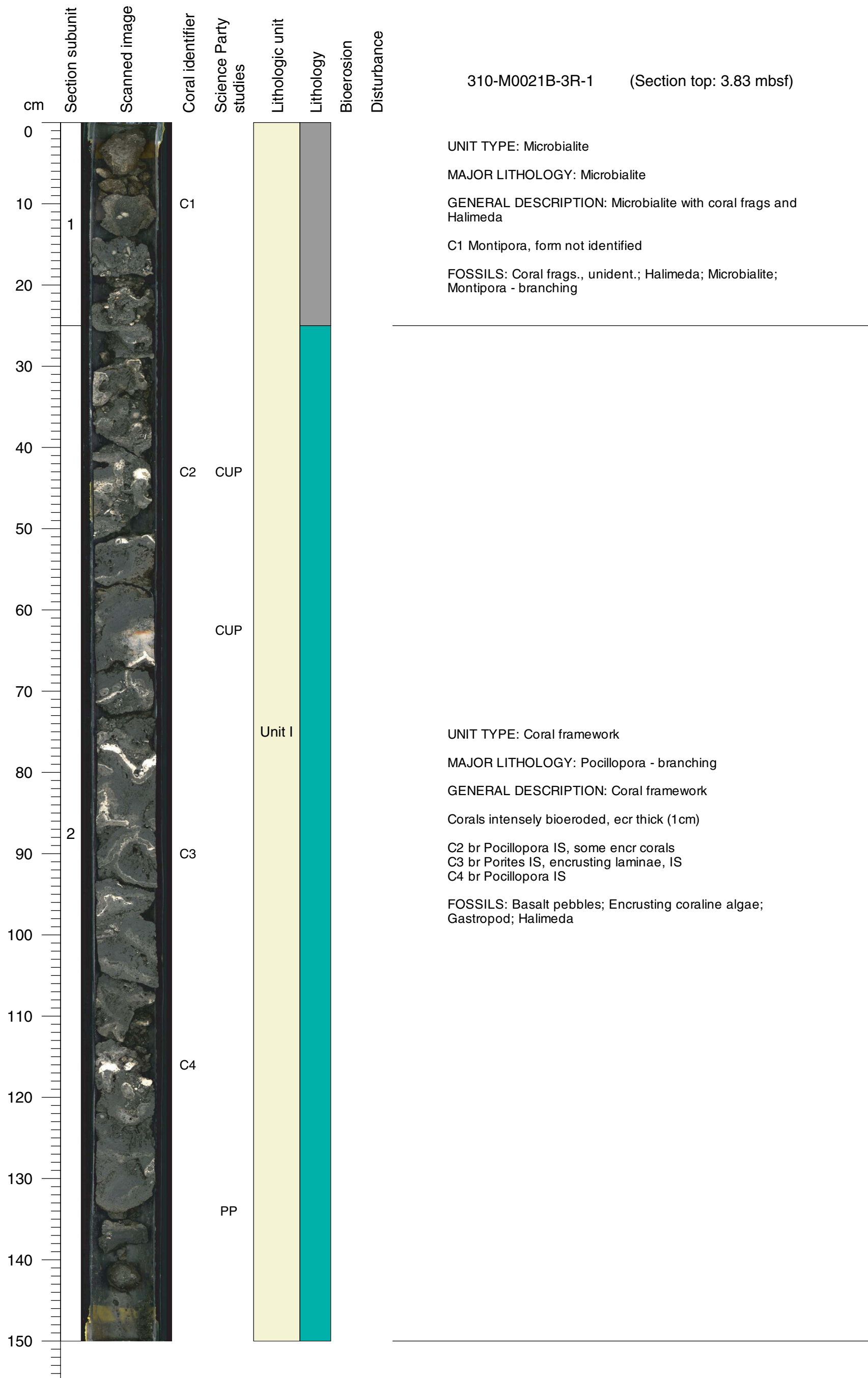
Core Photo

310-M0021B-2R-1 (Section top: 2.1 mbsf)

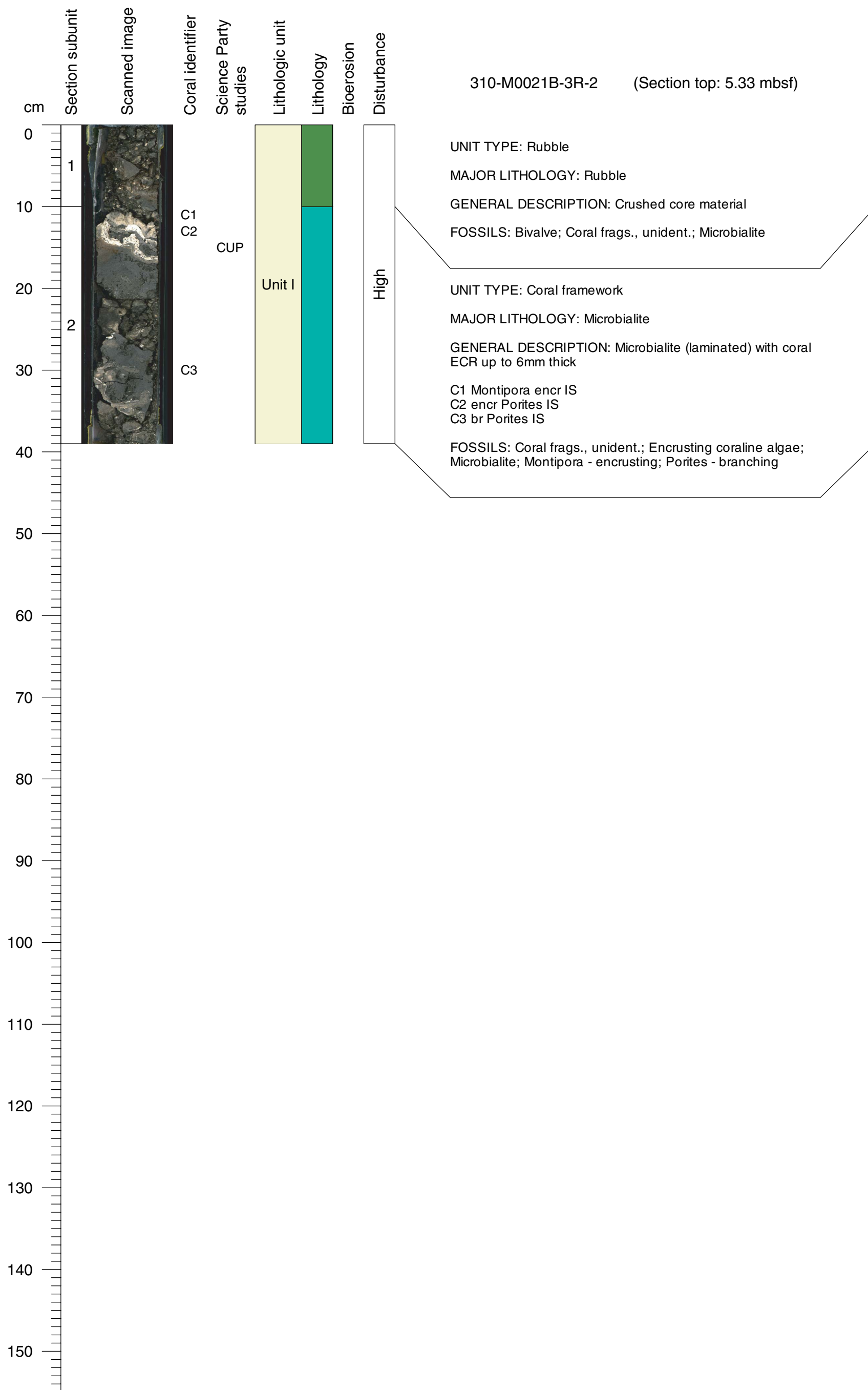


Core Photo

310-M0021B-3R-1 (Section top: 3.83 mbsf)

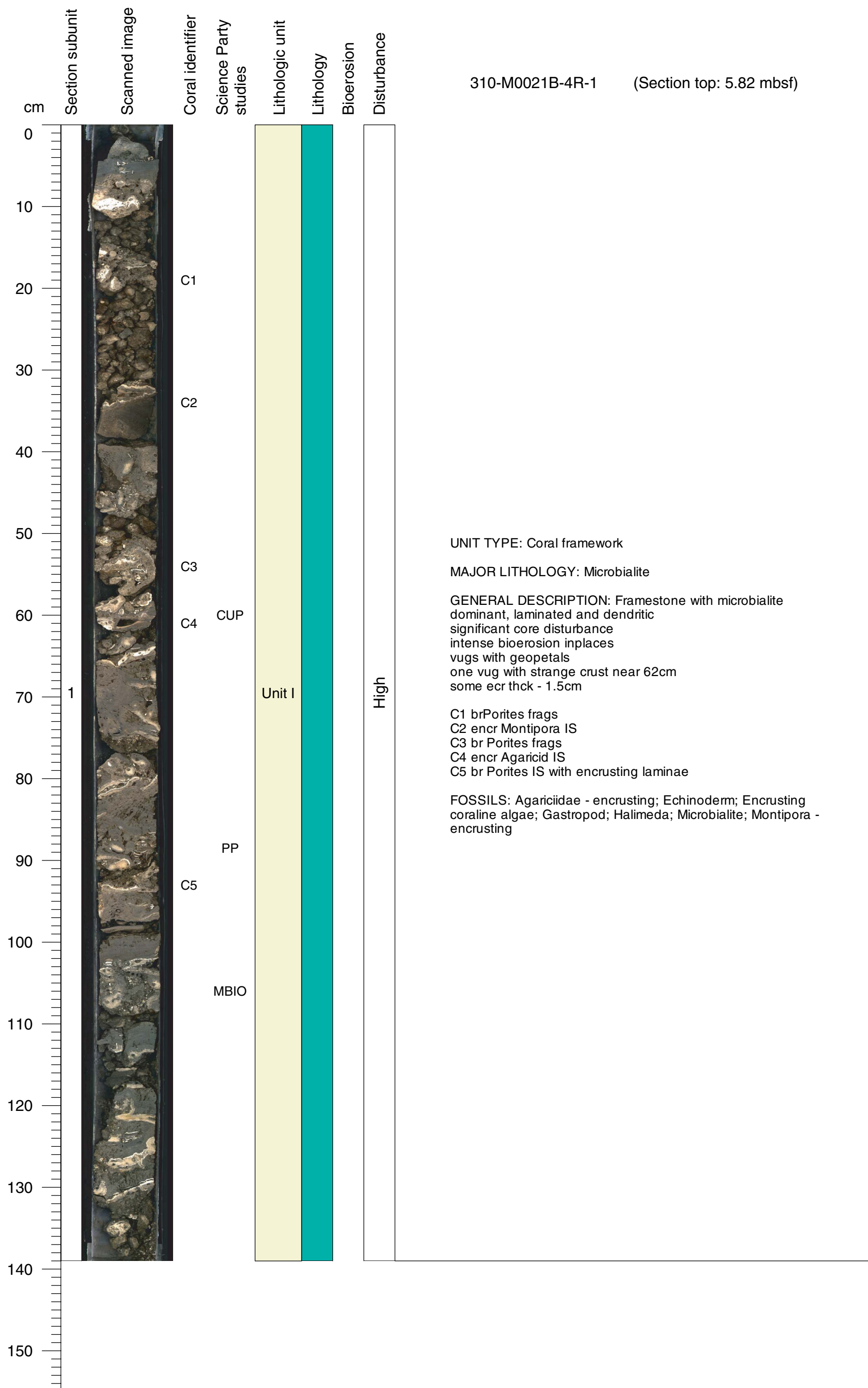


Core Photo



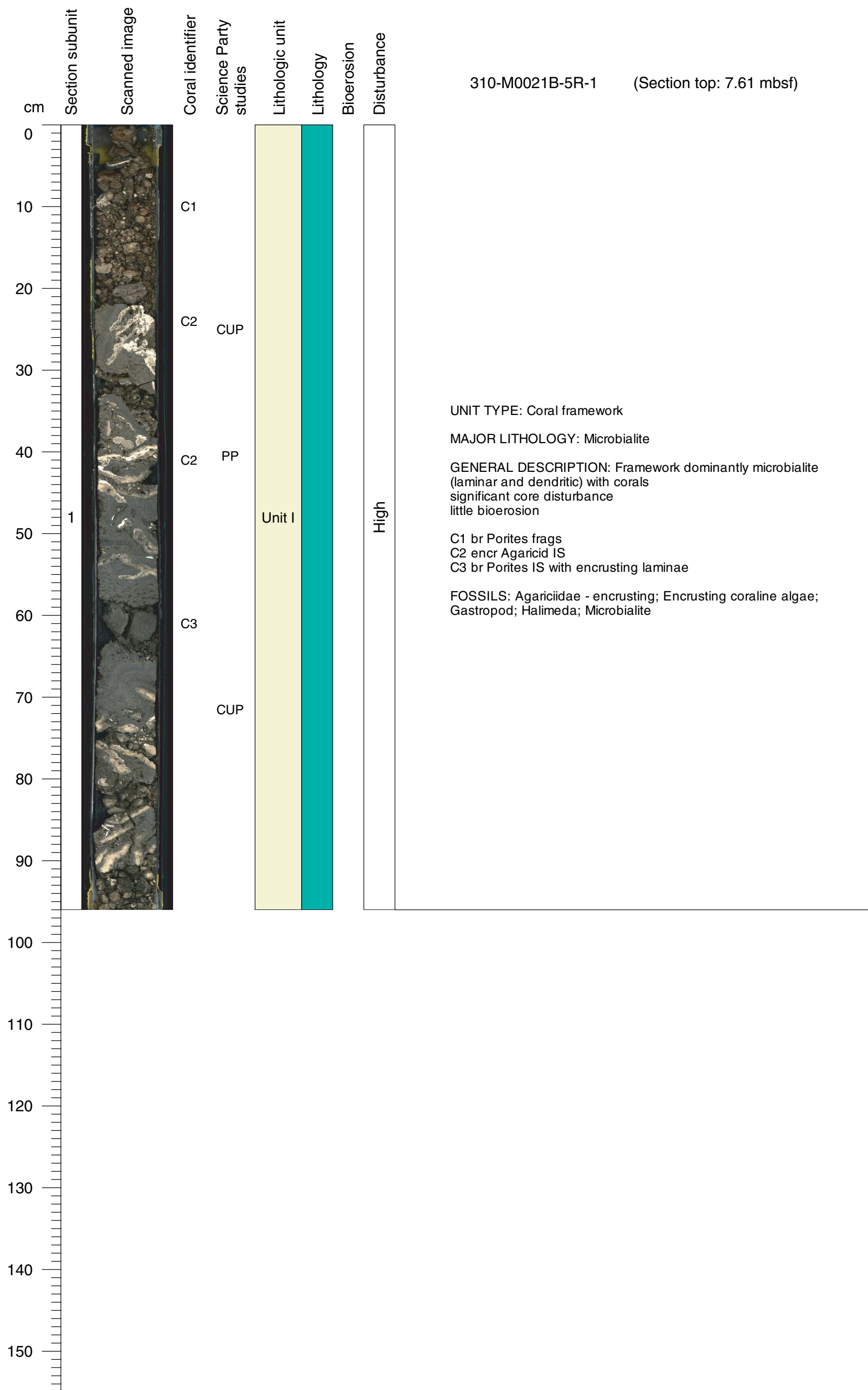
Core Photo

310-M0021B-4R-1 (Section top: 5.82 mbsf)



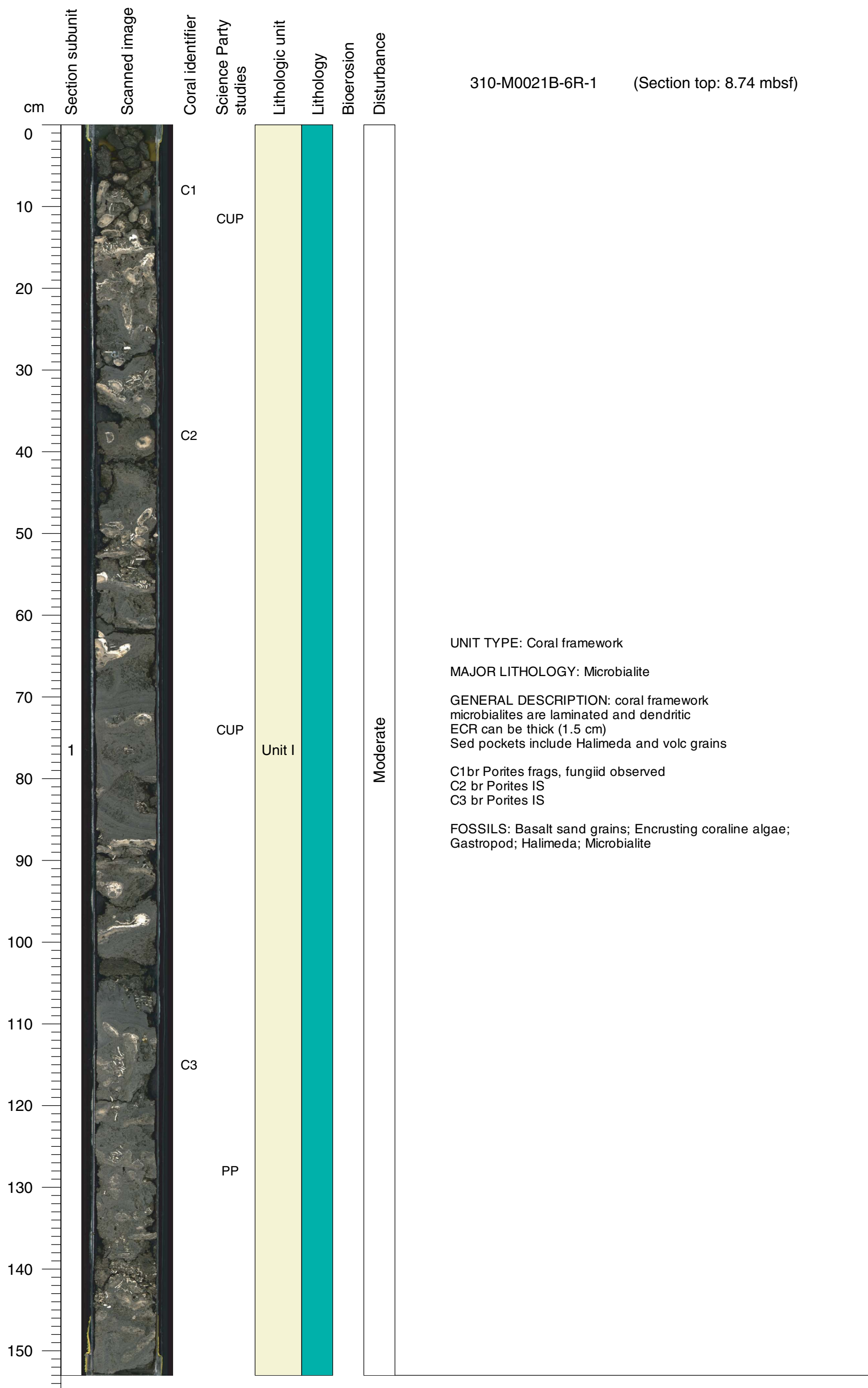
Core Photo

310-M0021B-5R-1 (Section top: 7.61 mbsf)



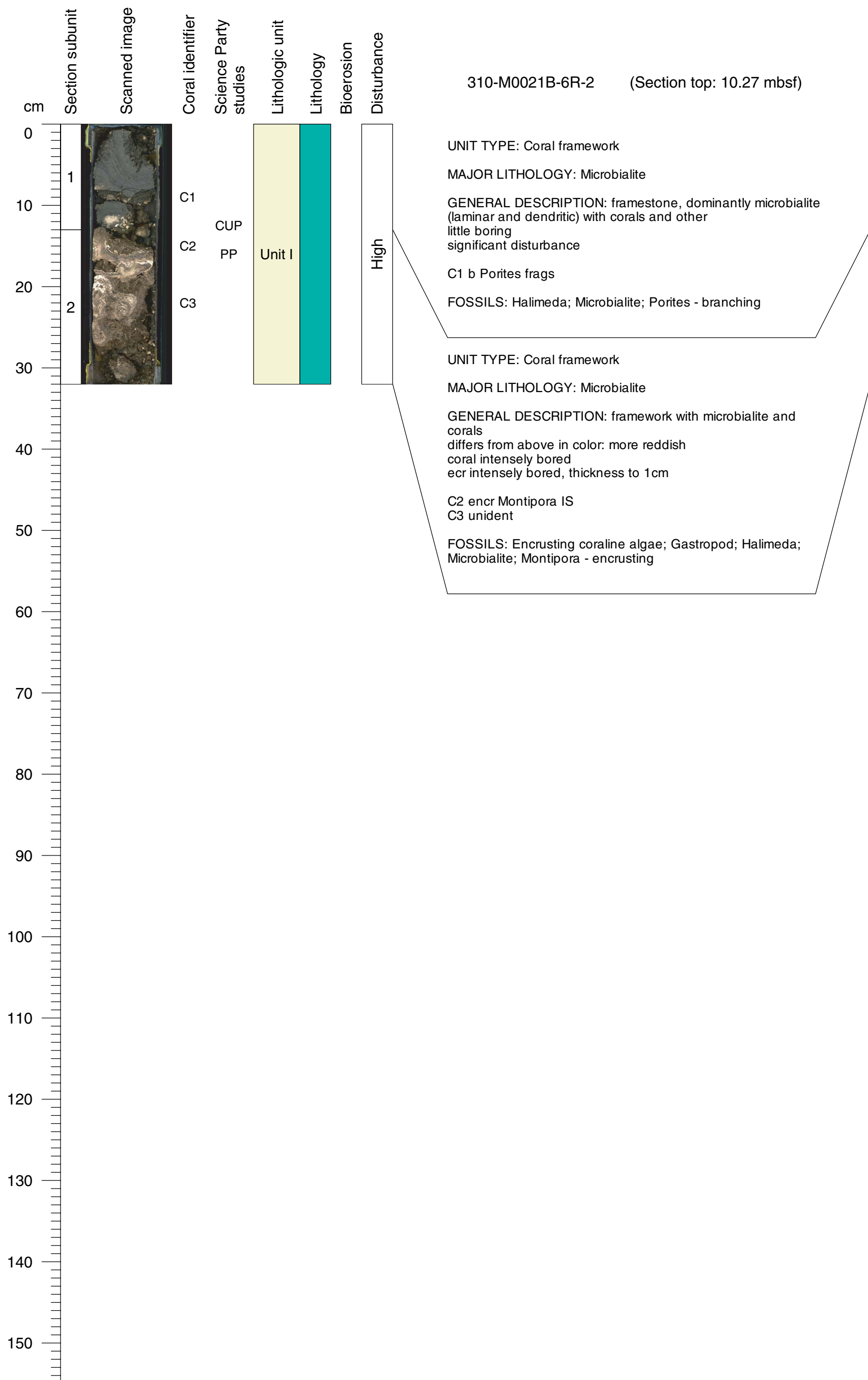
Core Photo

310-M0021B-6R-1 (Section top: 8.74 mbsf)



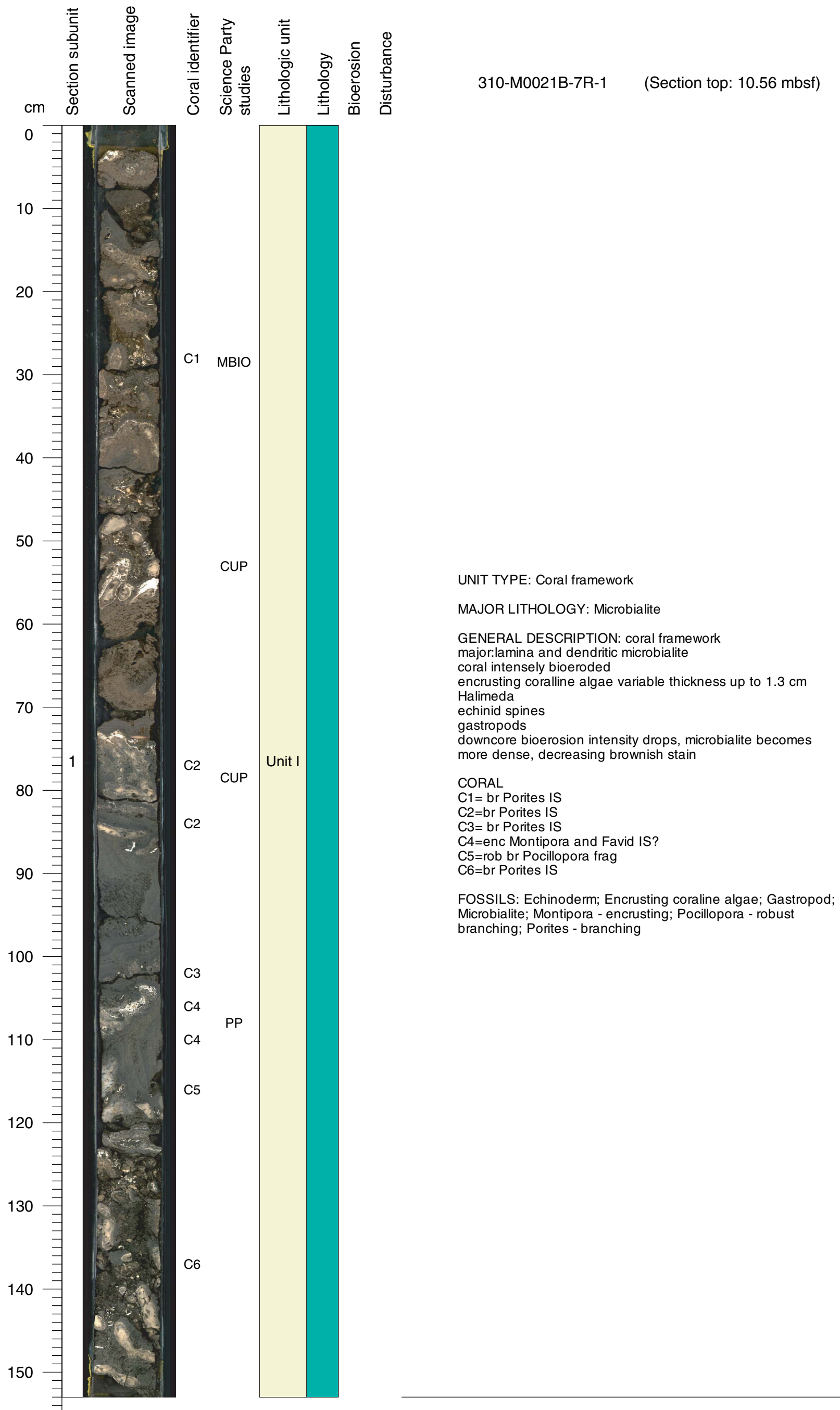
Core Photo

310-M0021B-6R-2 (Section top: 10.27 mbsf)



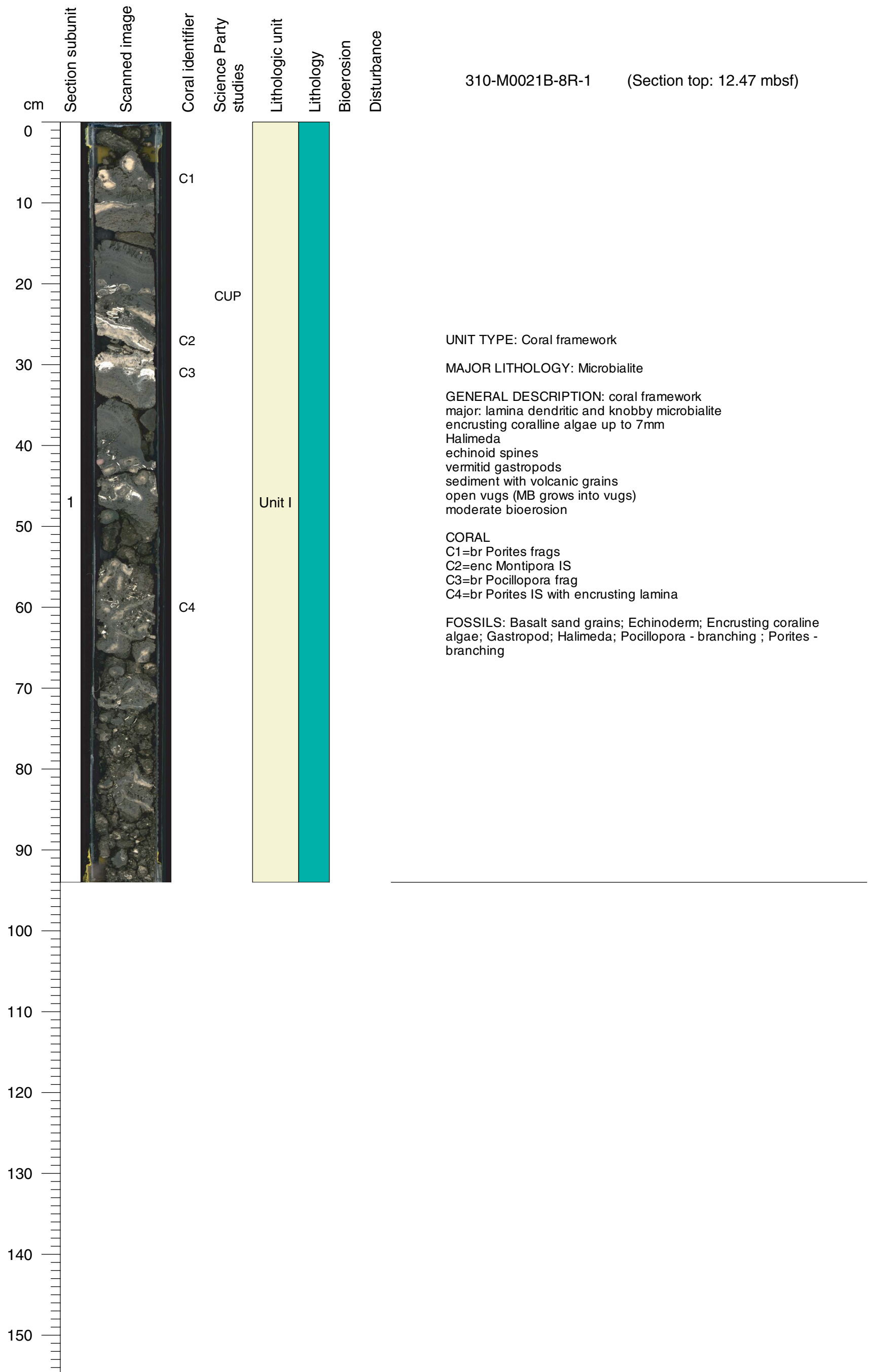
Core Photo

310-M0021B-7R-1 (Section top: 10.56 mbsf)



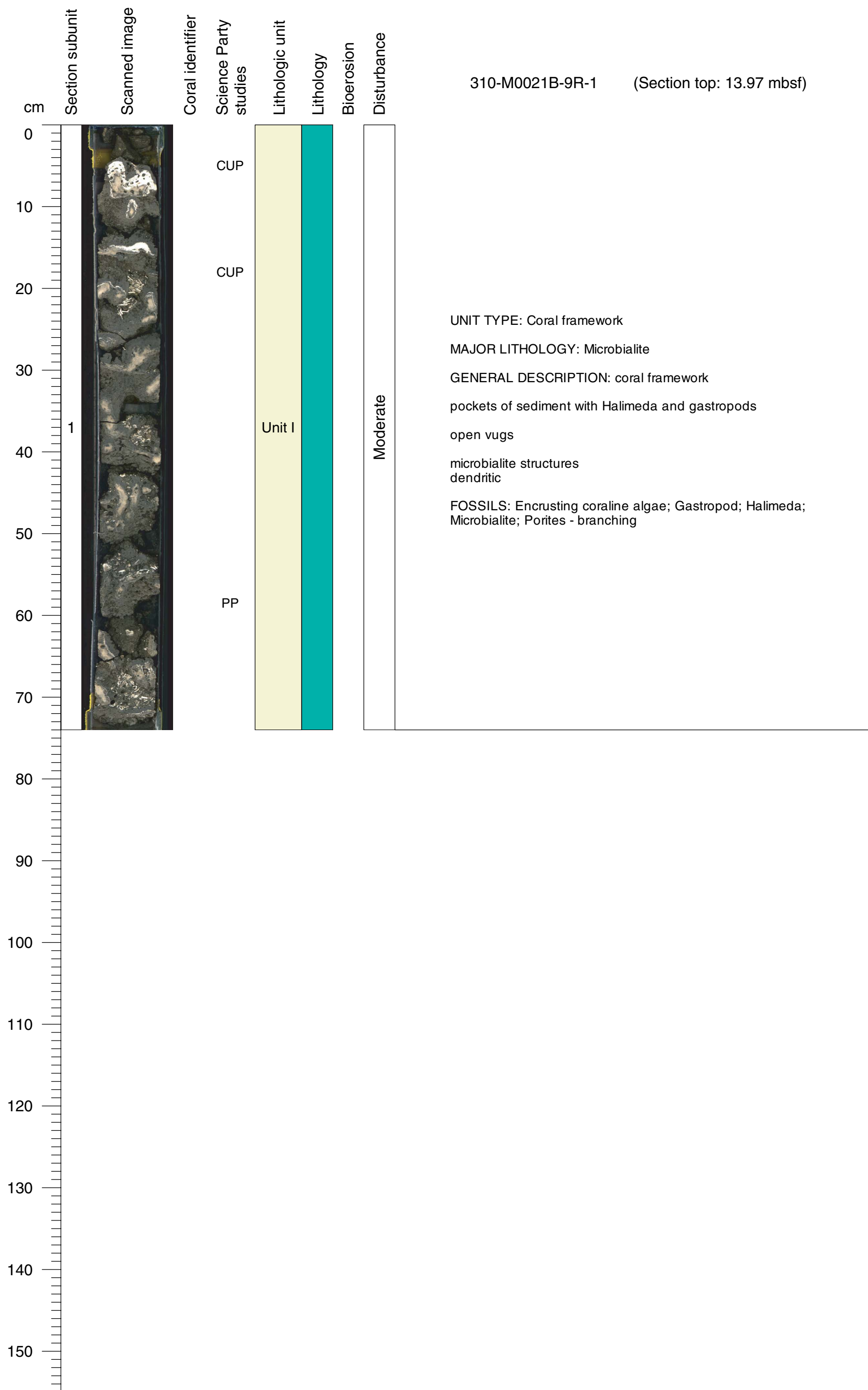
Core Photo

310-M0021B-8R-1 (Section top: 12.47 mbsf)

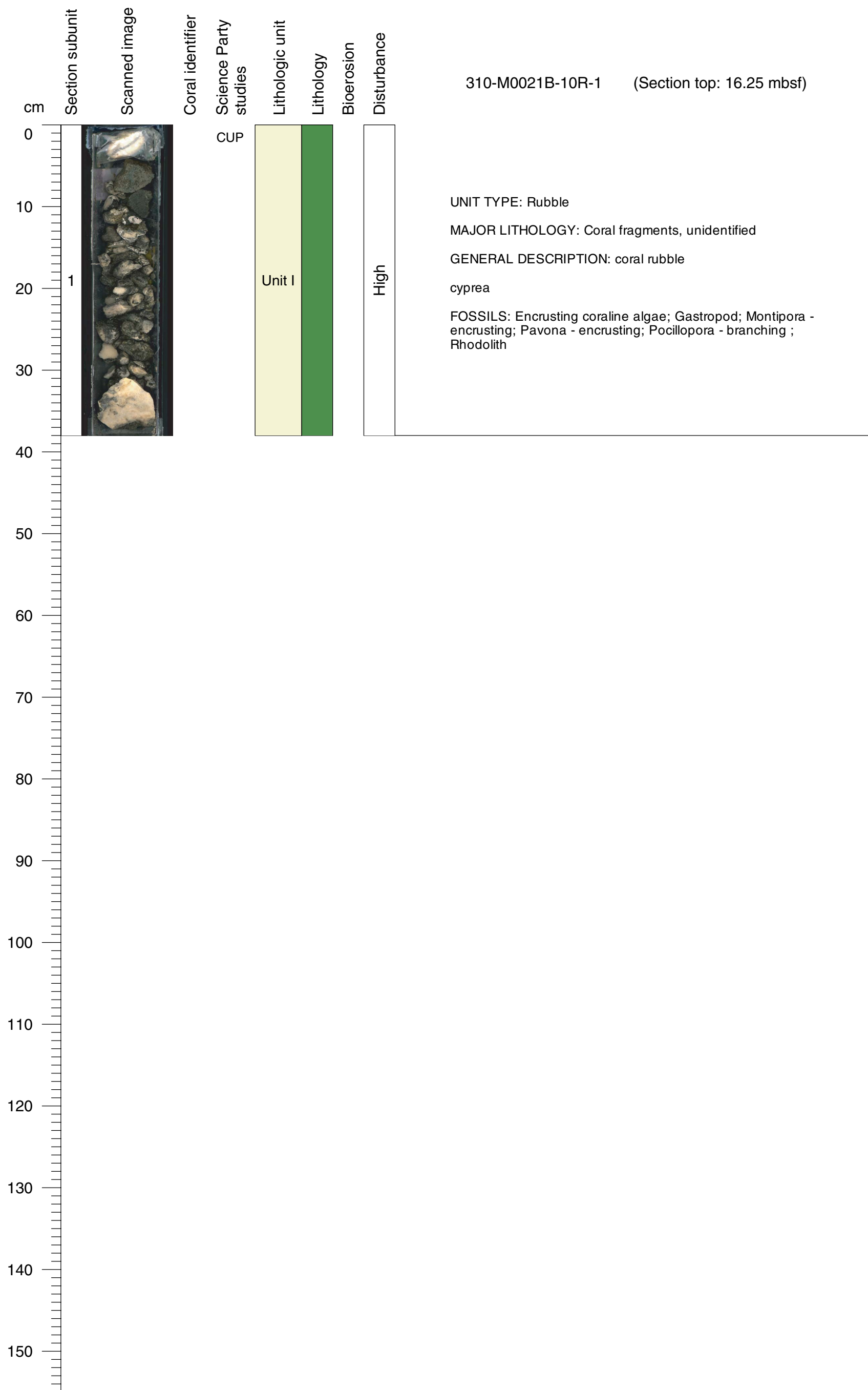


Core Photo

310-M0021B-9R-1 (Section top: 13.97 mbsf)

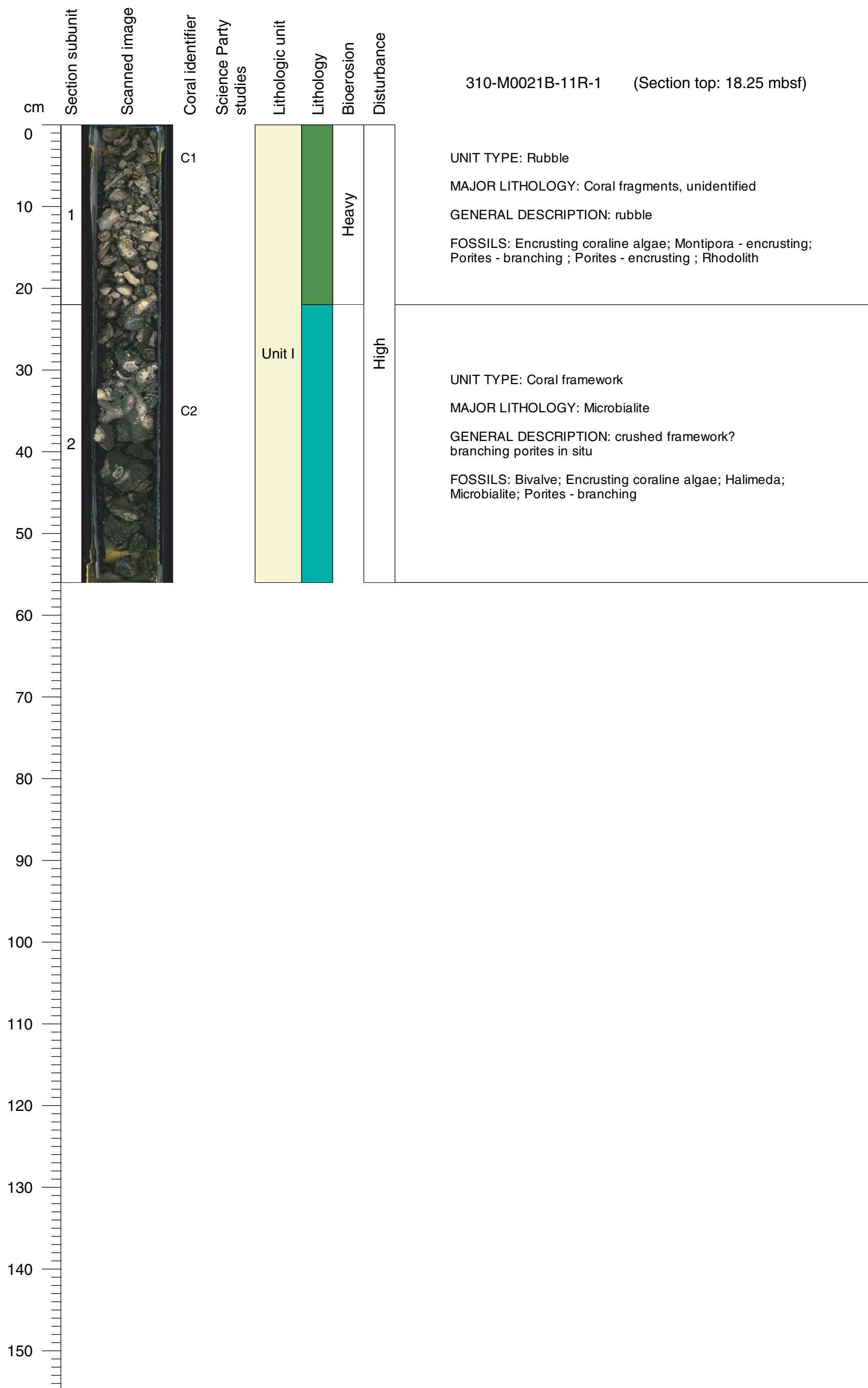


Core Photo



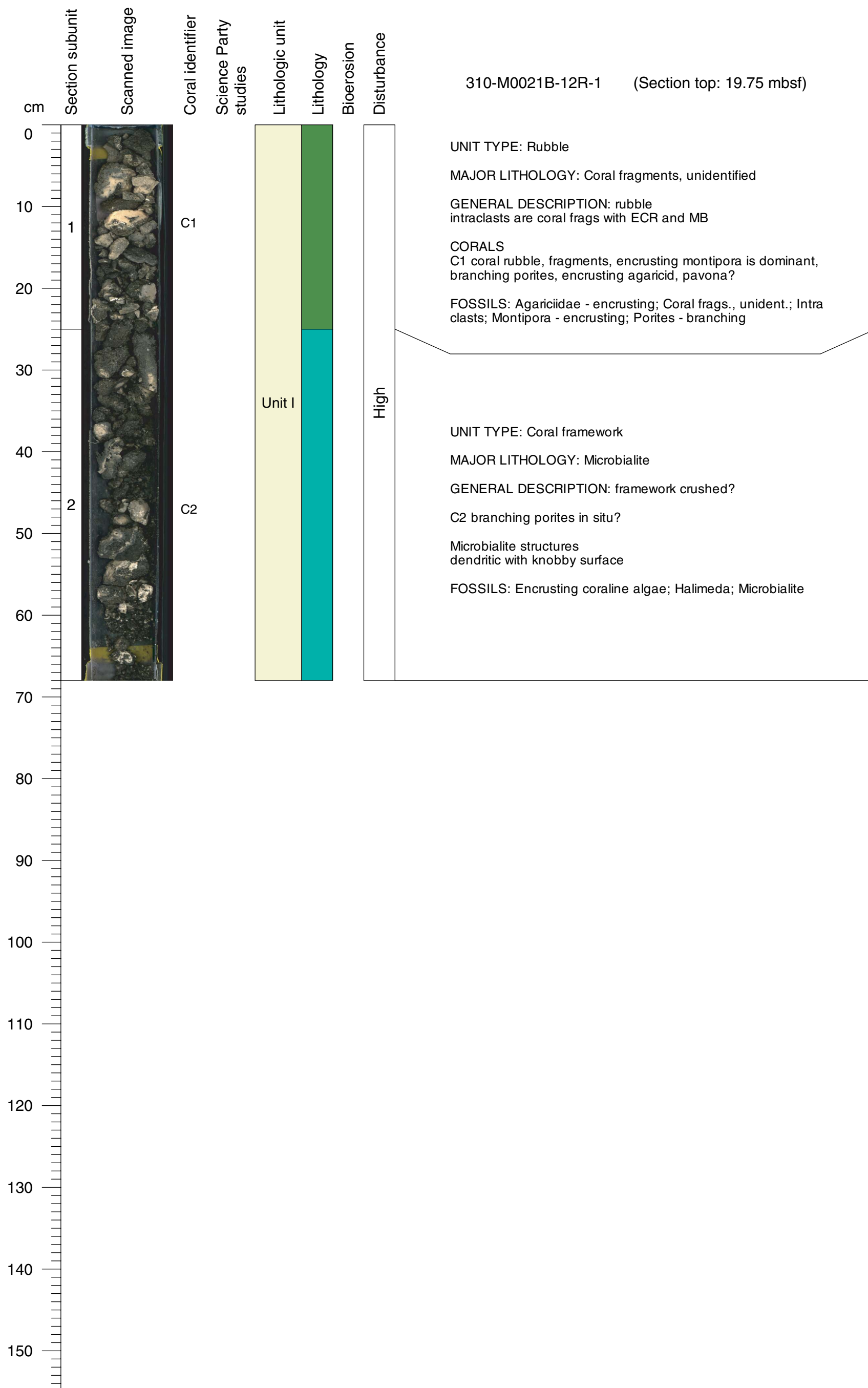
Core Photo

310-M0021B-11R-1 (Section top: 18.25 mbsf)



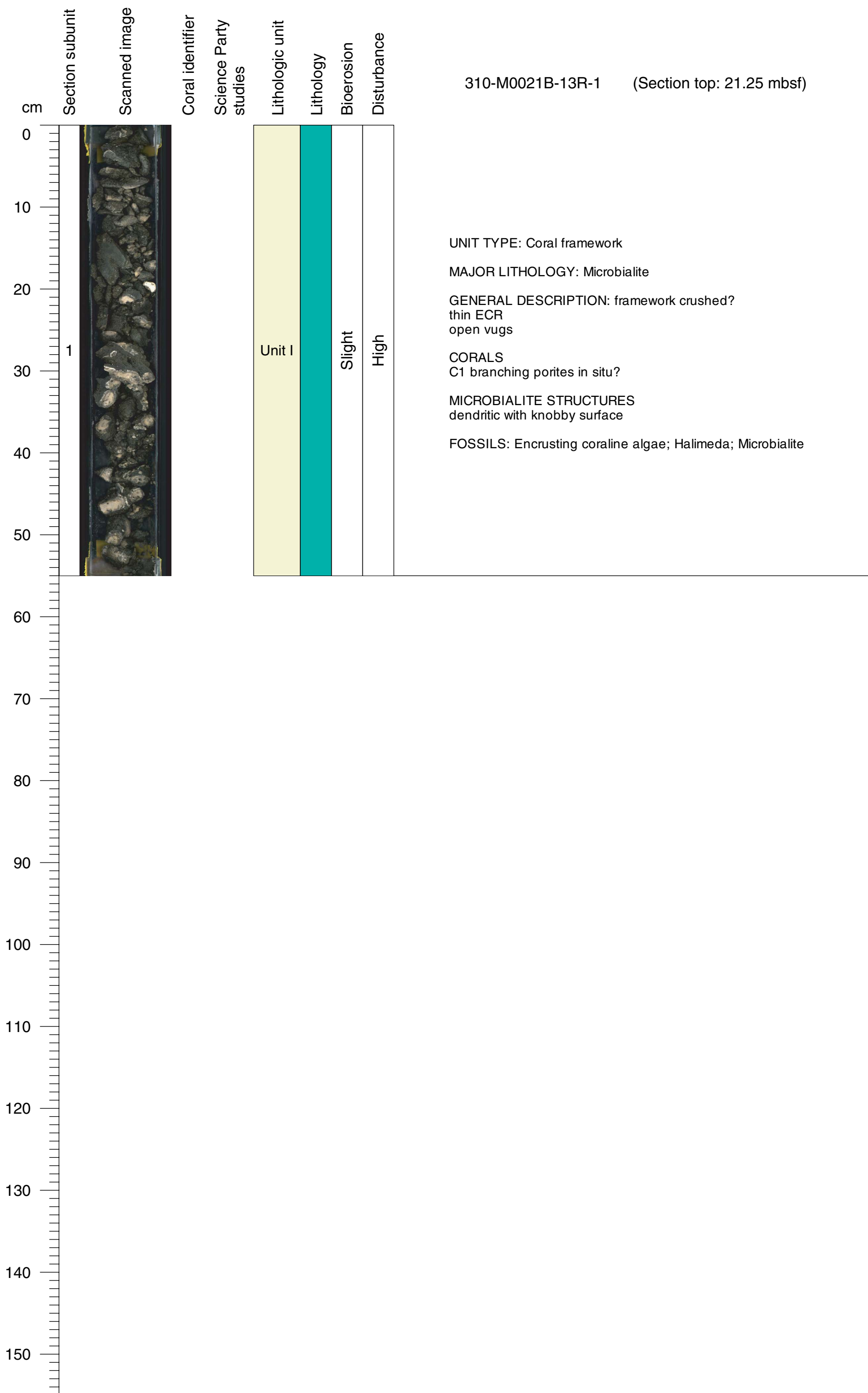
Core Photo

310-M0021B-12R-1 (Section top: 19.75 mbsf)

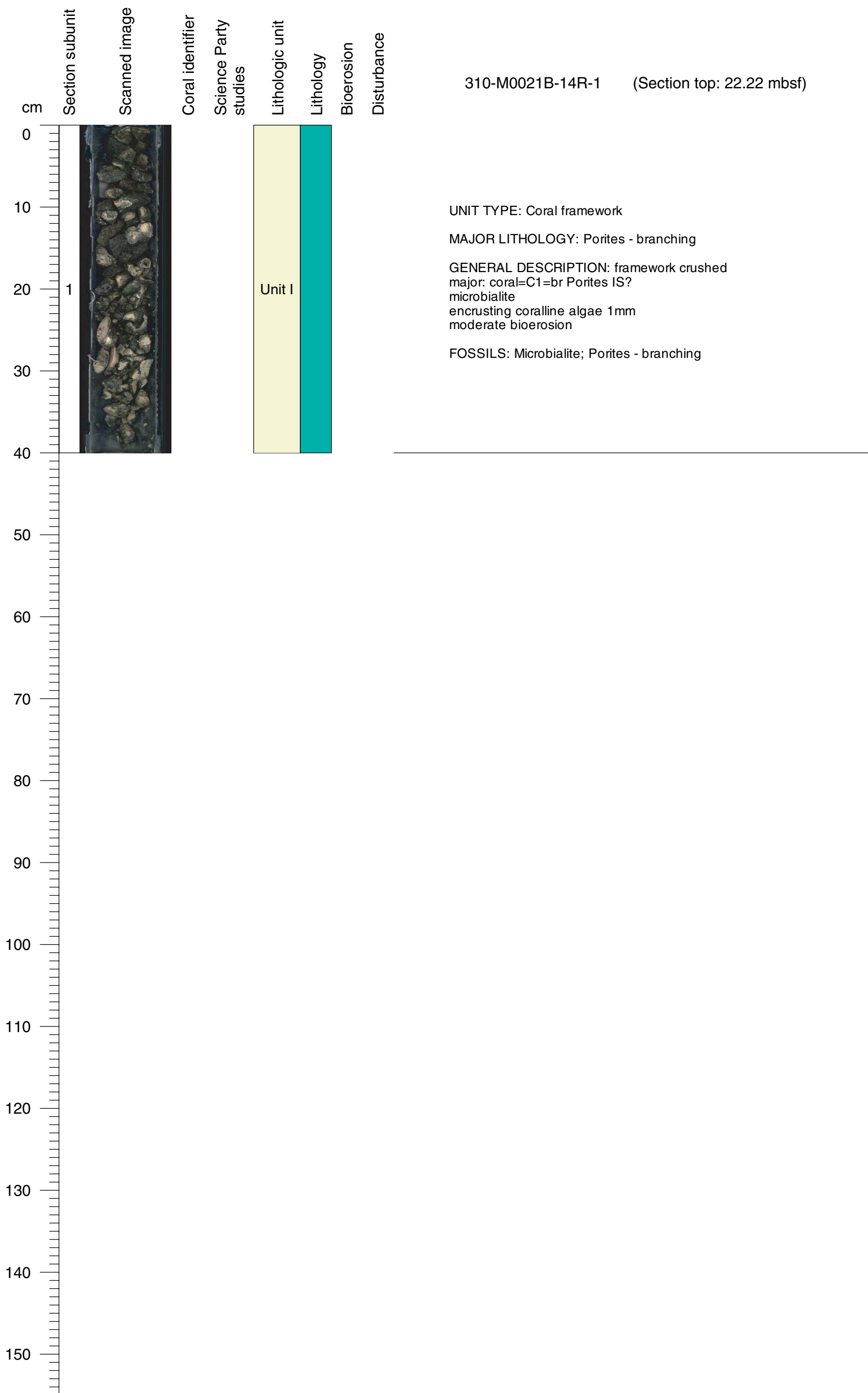


Core Photo

310-M0021B-13R-1 (Section top: 21.25 mbsf)

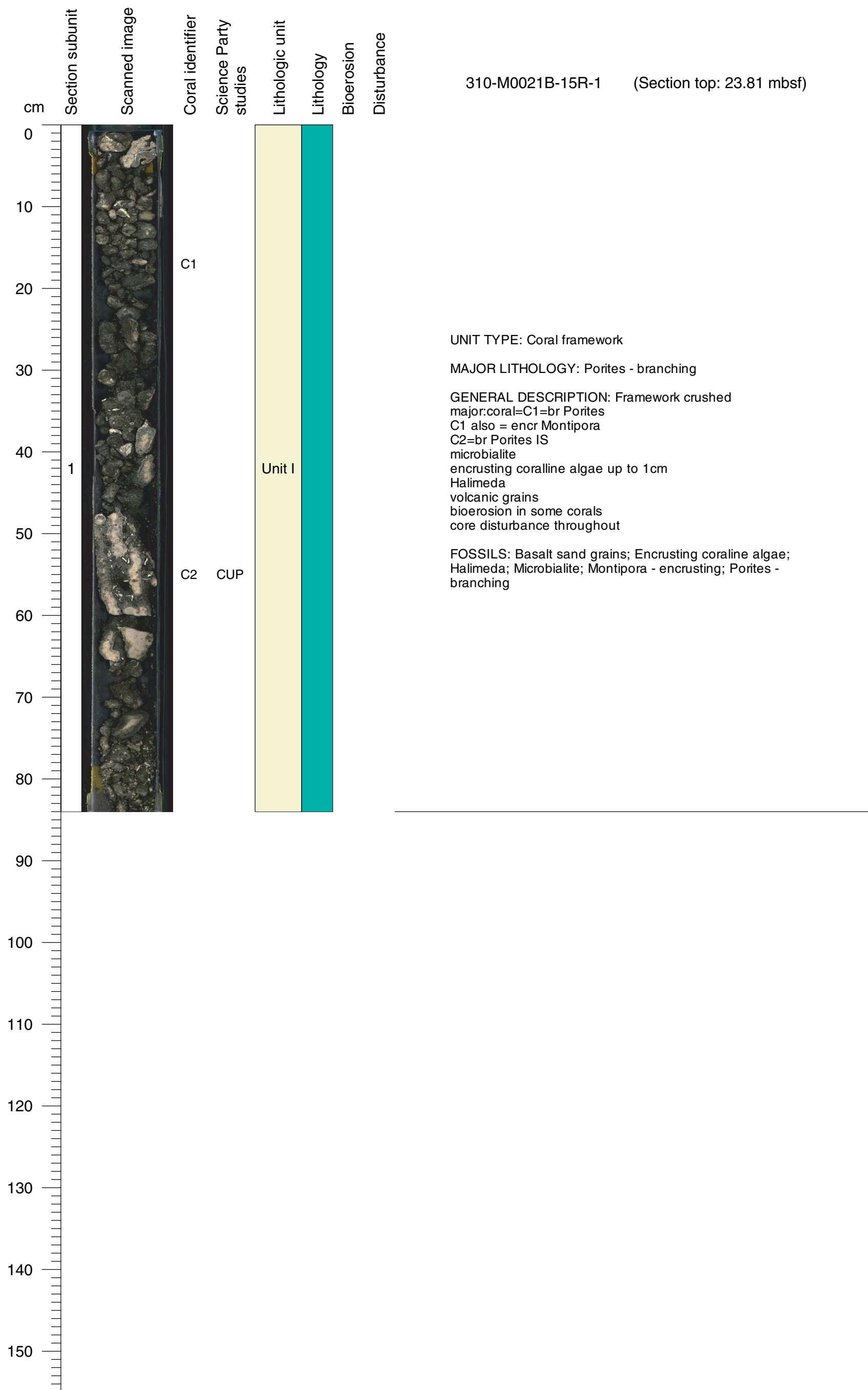


Core Photo



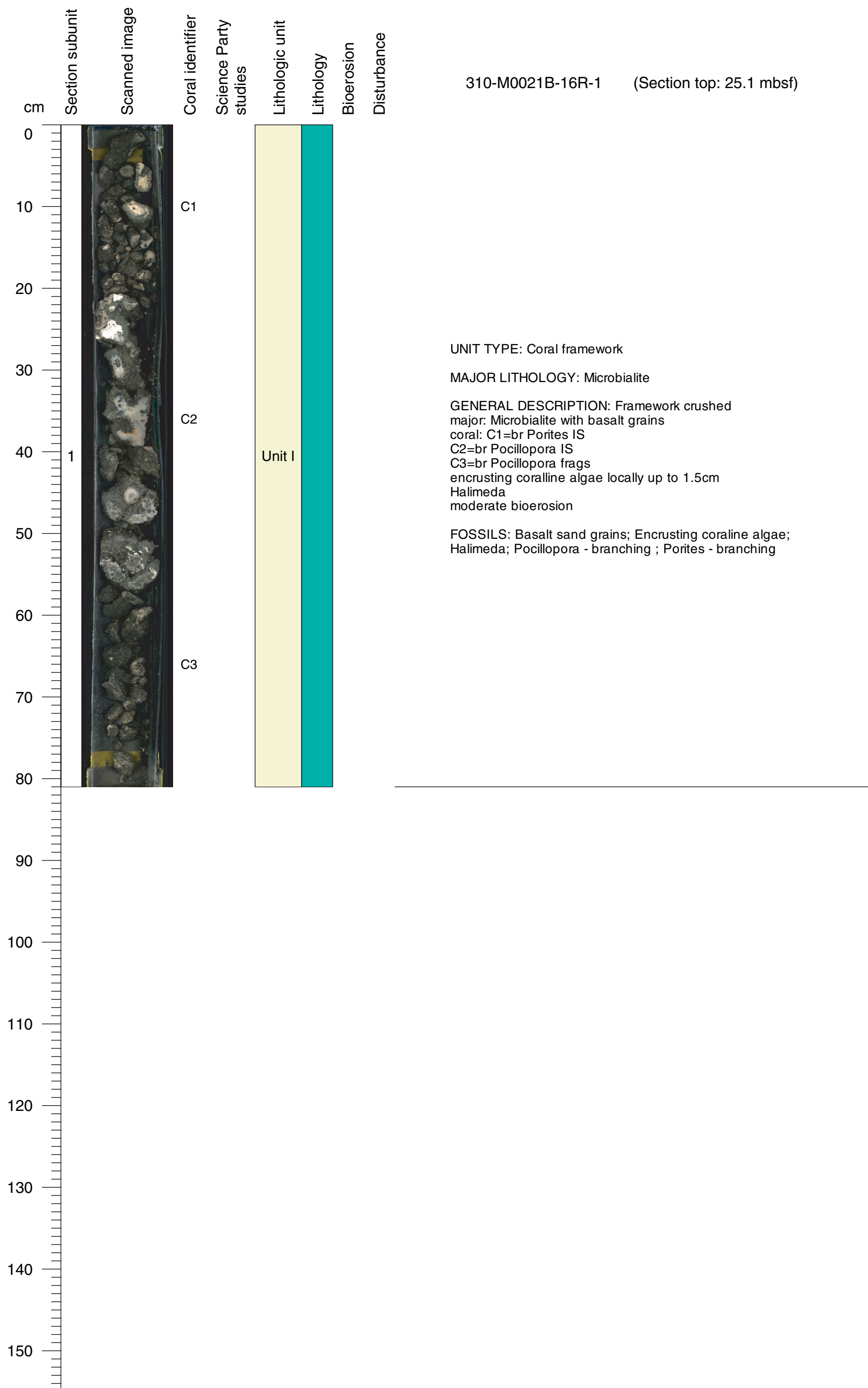
Core Photo

310-M0021B-15R-1 (Section top: 23.81 mbsf)



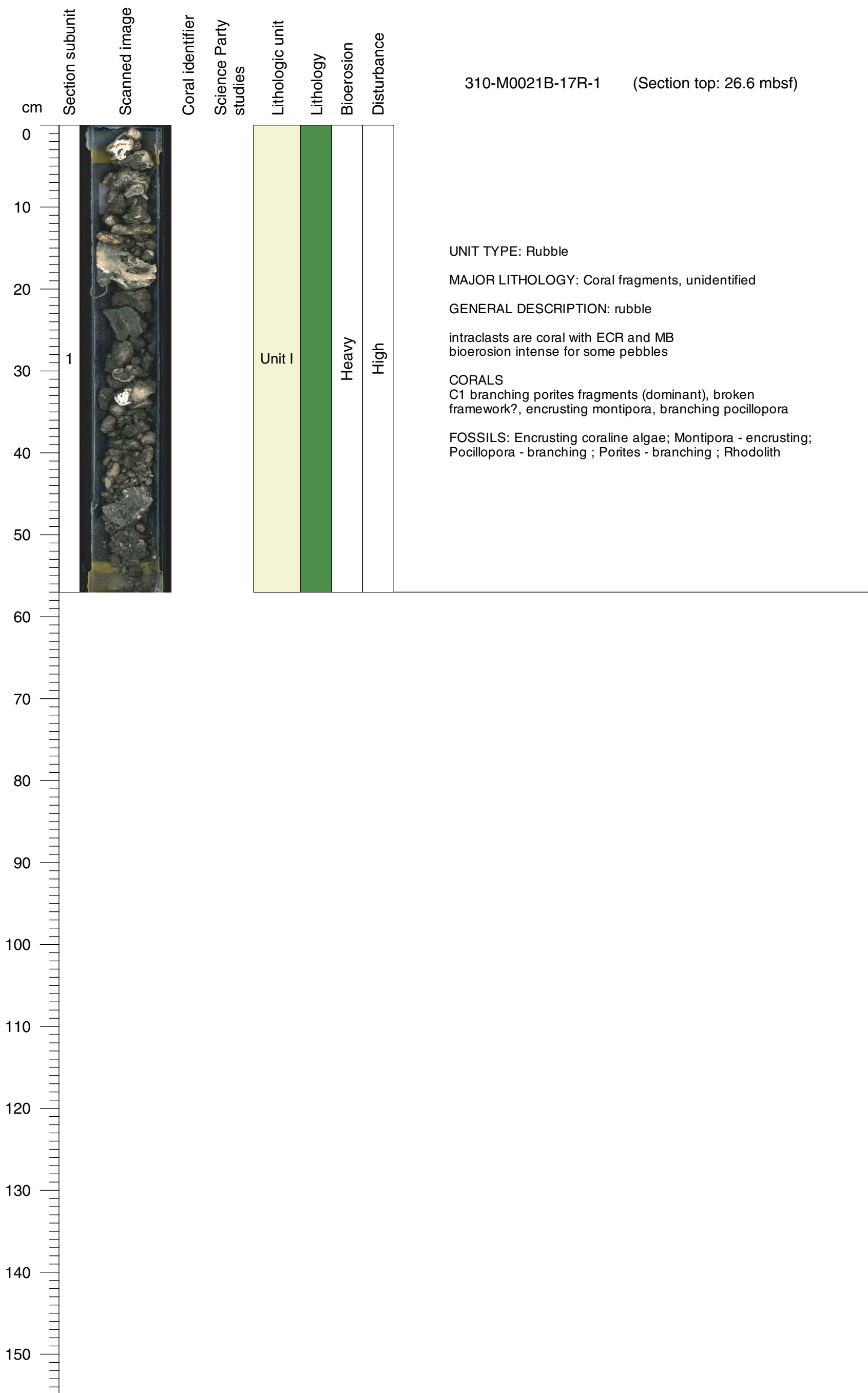
Core Photo

310-M0021B-16R-1 (Section top: 25.1 mbsf)



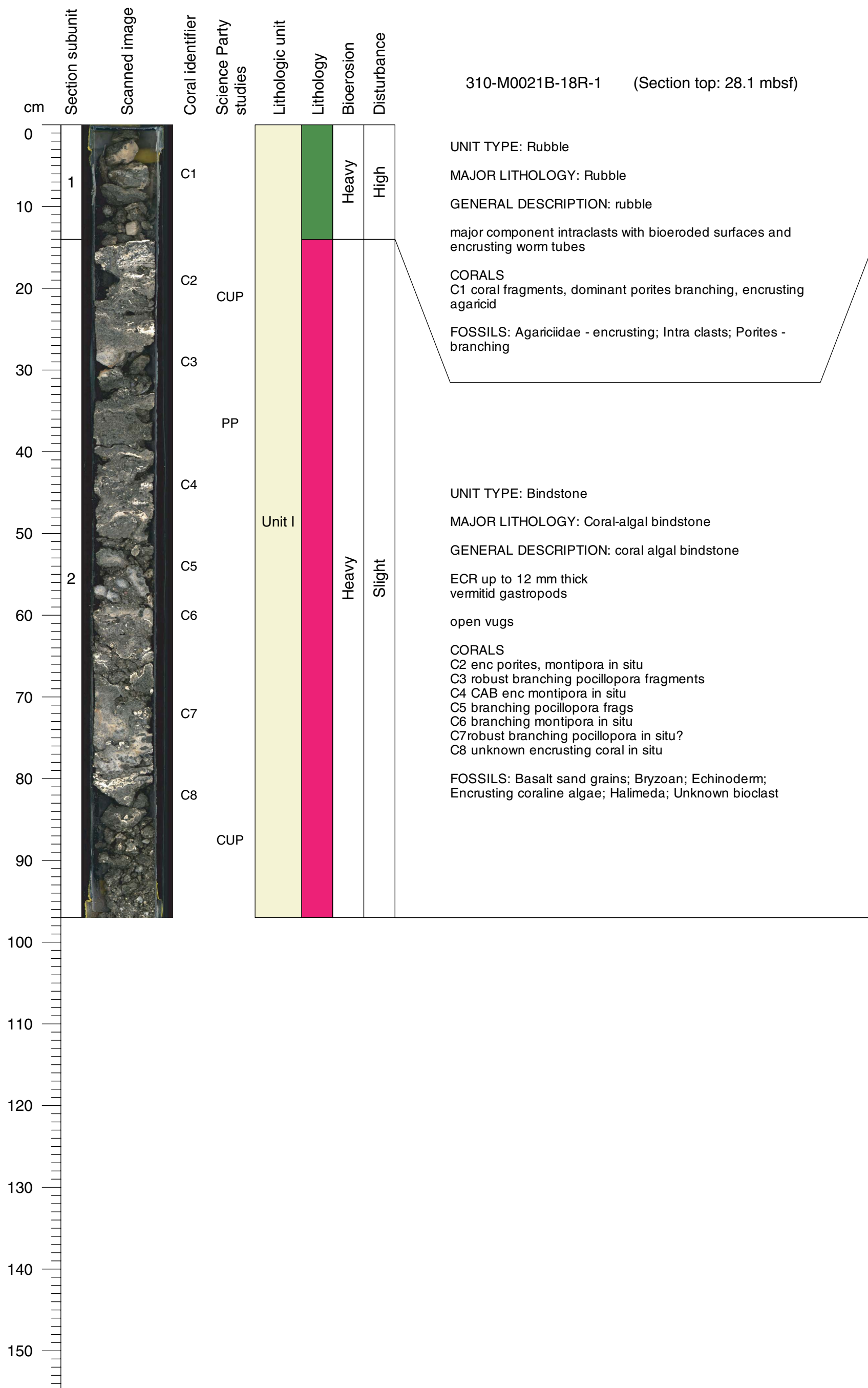
Core Photo

310-M0021B-17R-1 (Section top: 26.6 mbsf)



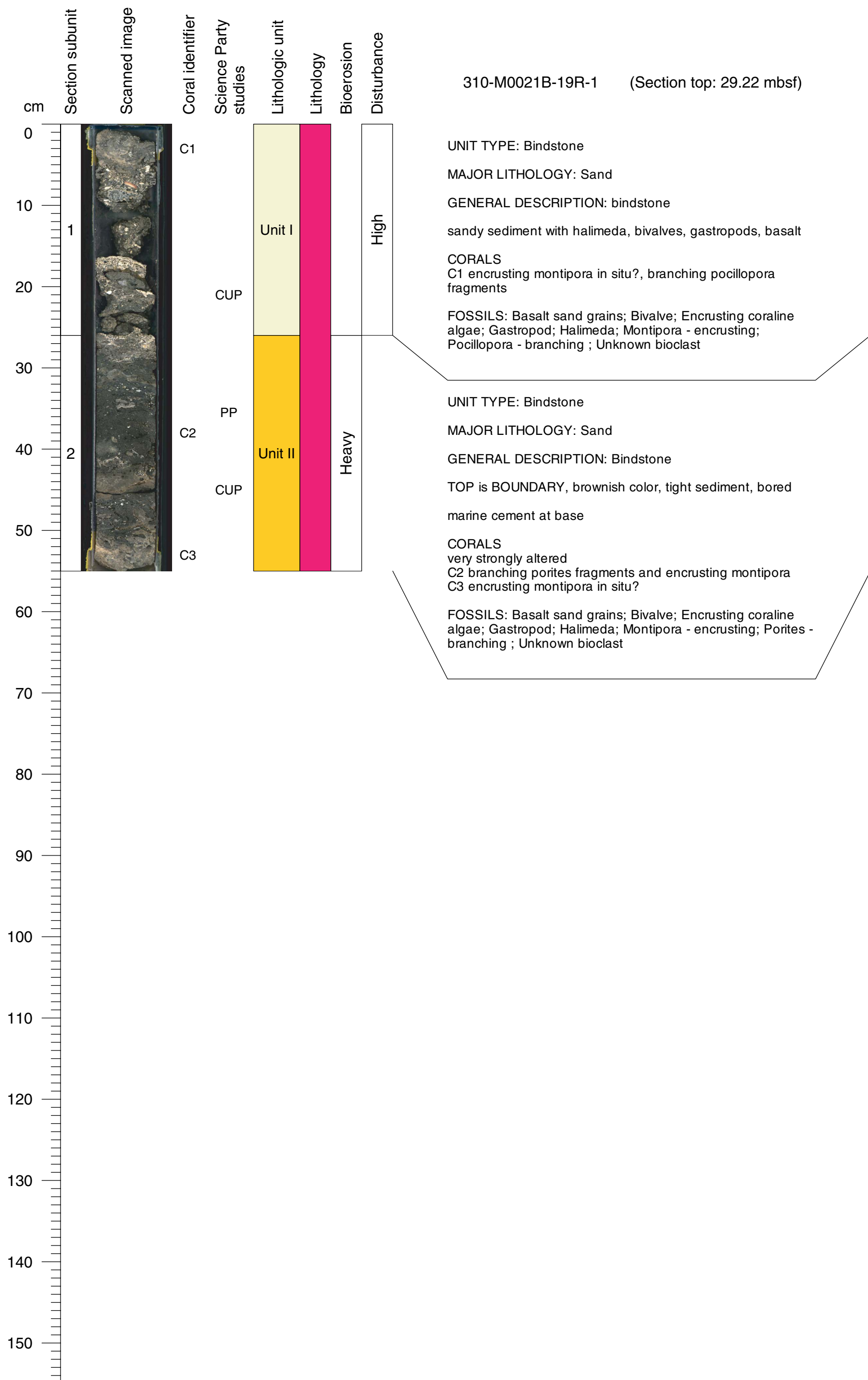
Core Photo

310-M0021B-18R-1 (Section top: 28.1 mbsf)



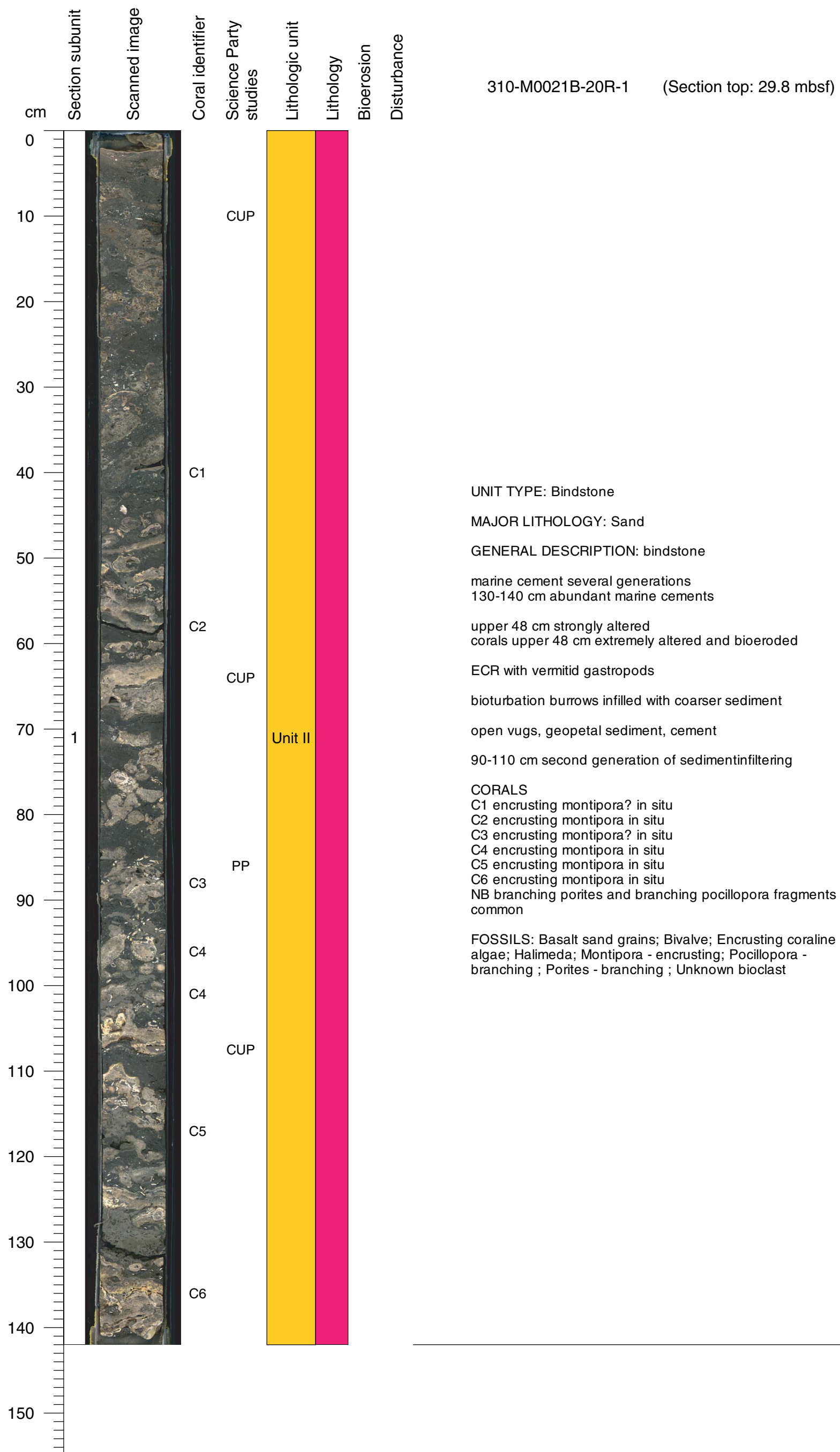
Core Photo

310-M0021B-19R-1 (Section top: 29.22 mbsf)



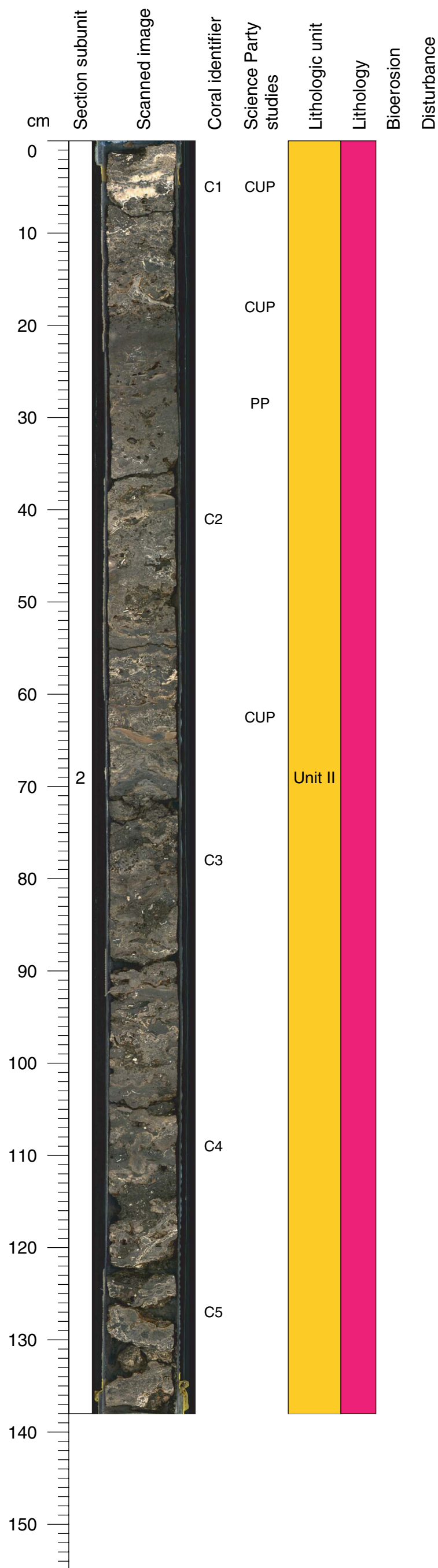
Core Photo

310-M0021B-20R-1 (Section top: 29.8 mbsf)



Core Photo

310-M0021B-20R-2 (Section top: 31.22 mbsf)



UNIT TYPE: Bindstone

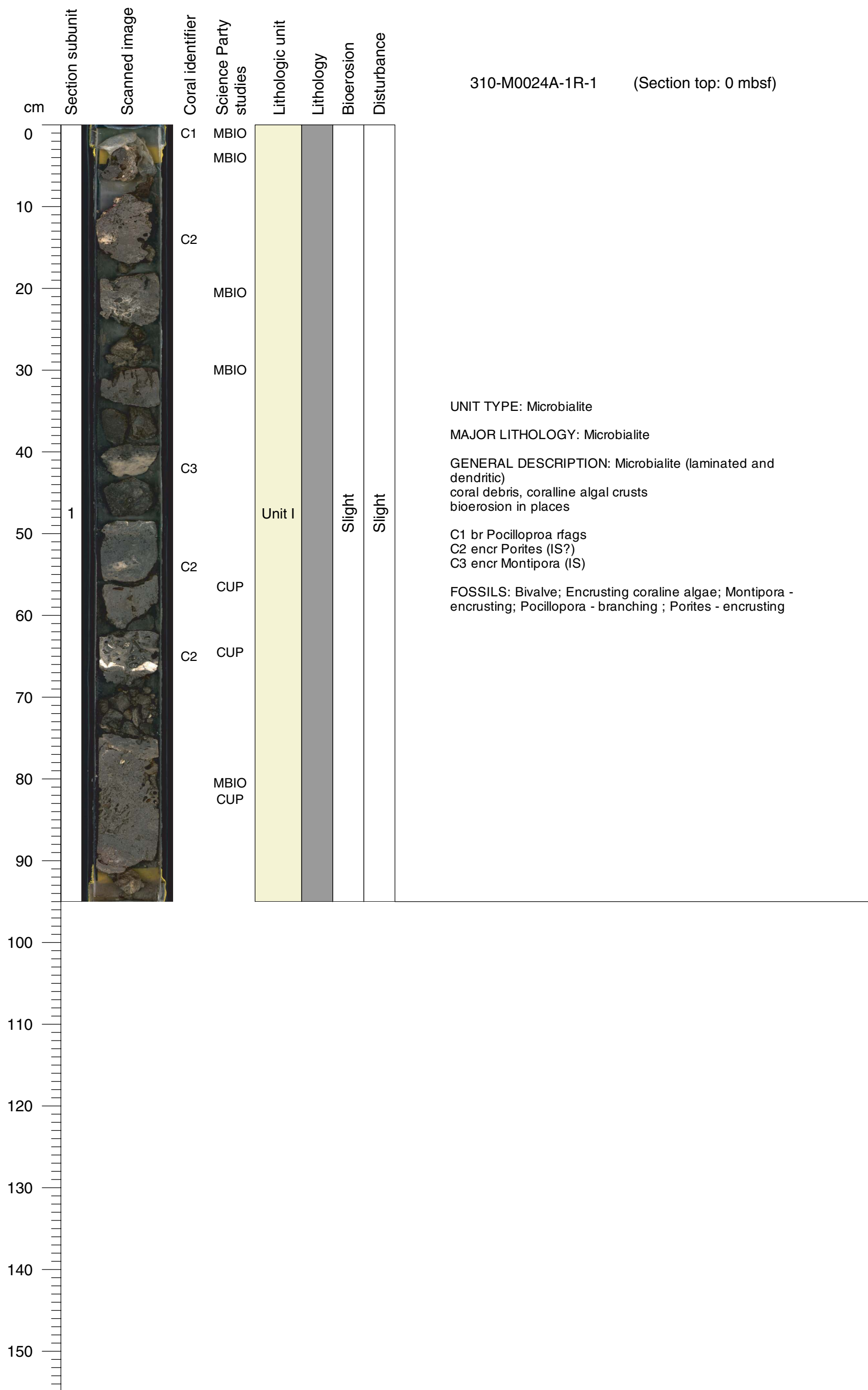
MAJOR LITHOLOGY: Sand

GENERAL DESCRIPTION: Bindstone : major component=sandy sediment / volcanic sand / silt successive abundant thin crusts, bivalves, bioerosion (boring bivalves), geopetals, light grey silt, primary vugs filled with sandy sediments (geopetals) Multiple generations of sediments infills (dark sandy, gray sandy, reddish silty, brownish sandy) Major boundary at 18 cm : same lithology above and below, boundary with reddish stain, borings with geopetals, heavy bioerosion) C1, encrusting Leptastrea (IS) C2, encrusting Montipora (IS ?) C3, encrusting agaricid C4, unidentified coral fragments C5, encrusting unidentified corals (IS ?)

FOSSILS: Agariciidae - encrusting; Bivalve; Leptastrea - encrusting ; Montipora - encrusting; Sand; Silt; Volcanic sand and silt

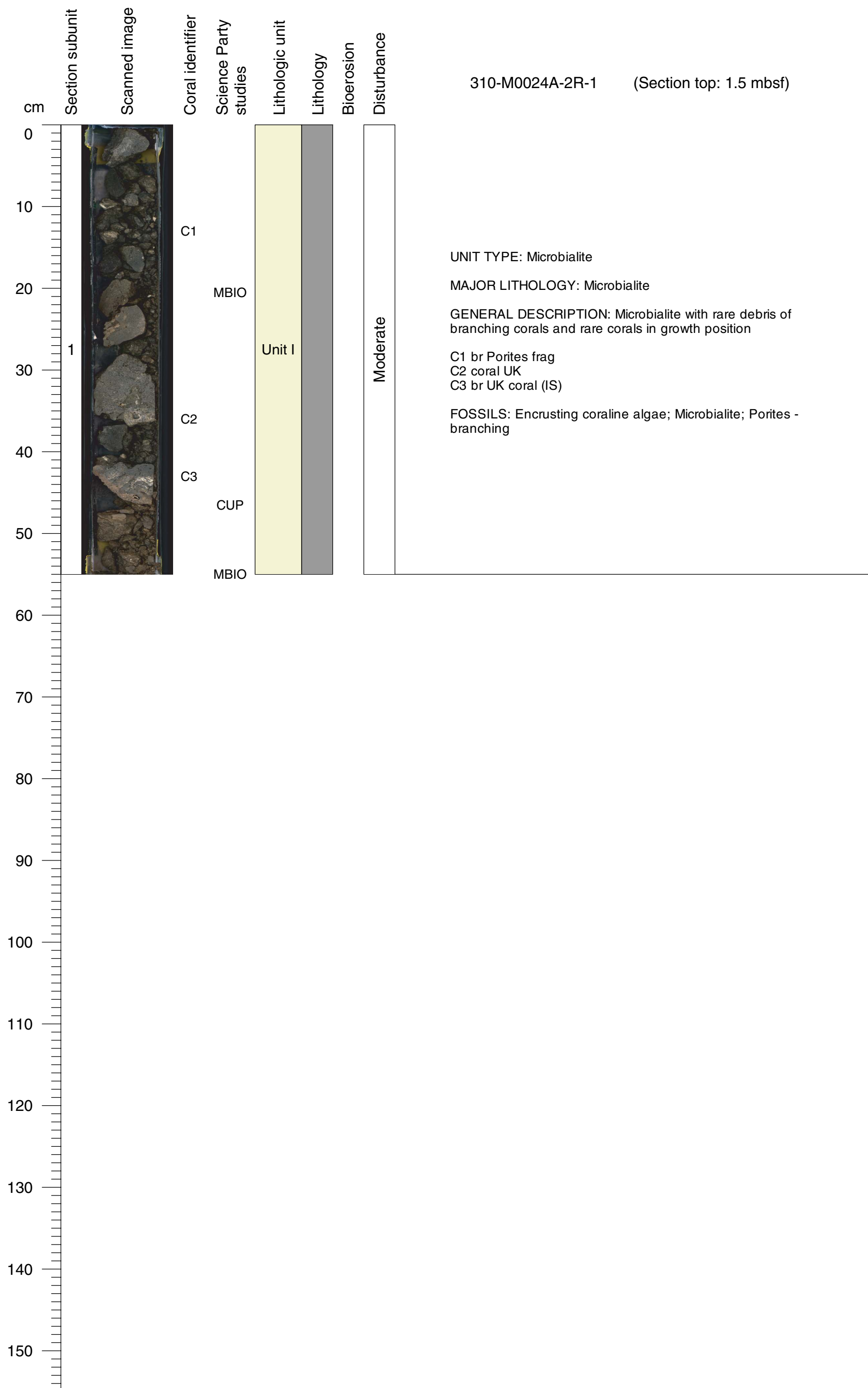
Core Photo

310-M0024A-1R-1 (Section top: 0 mbsf)



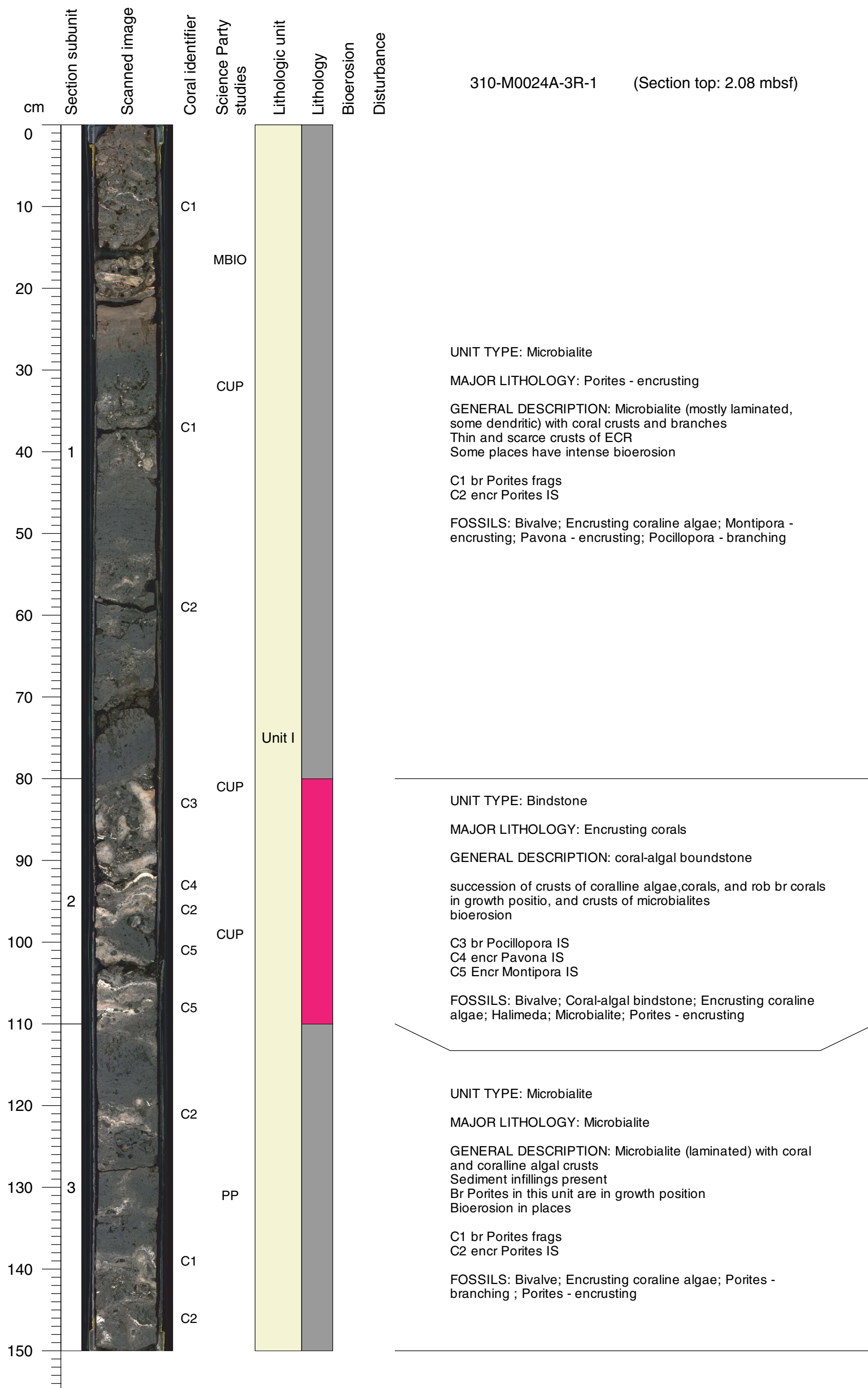
Core Photo

310-M0024A-2R-1 (Section top: 1.5 mbsf)



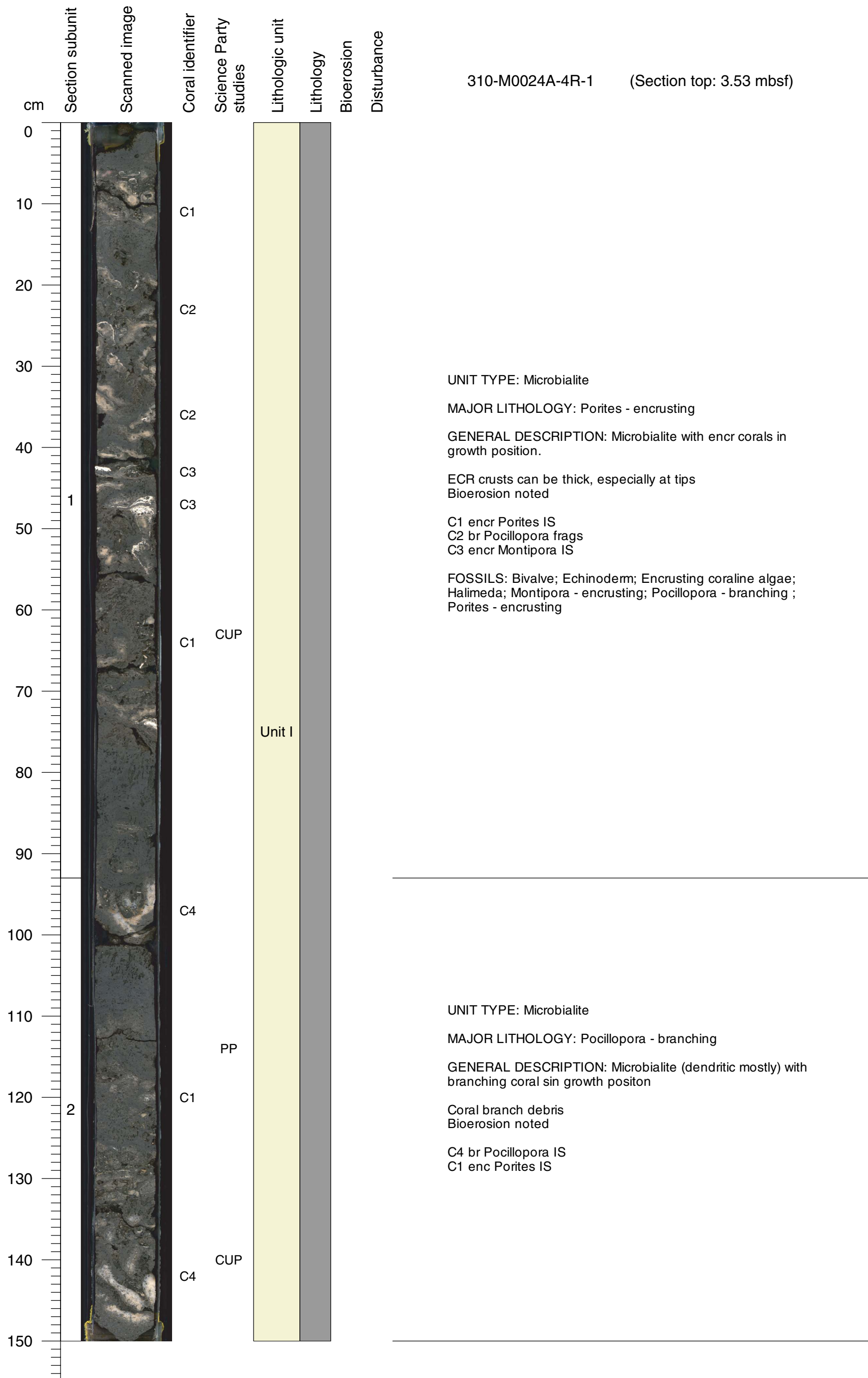
Core Photo

310-M0024A-3R-1 (Section top: 2.08 mbsf)



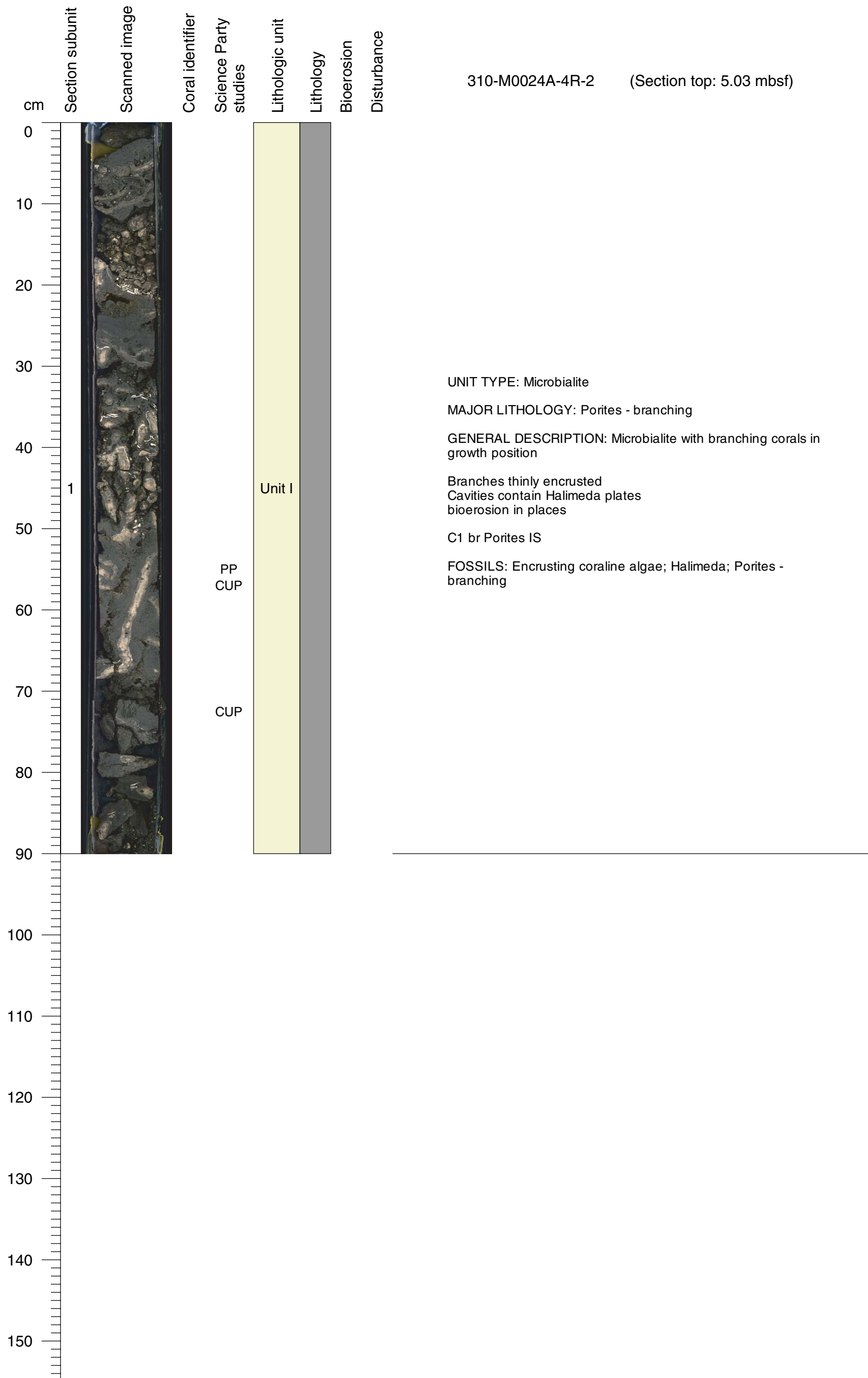
Core Photo

310-M0024A-4R-1 (Section top: 3.53 mbsf)



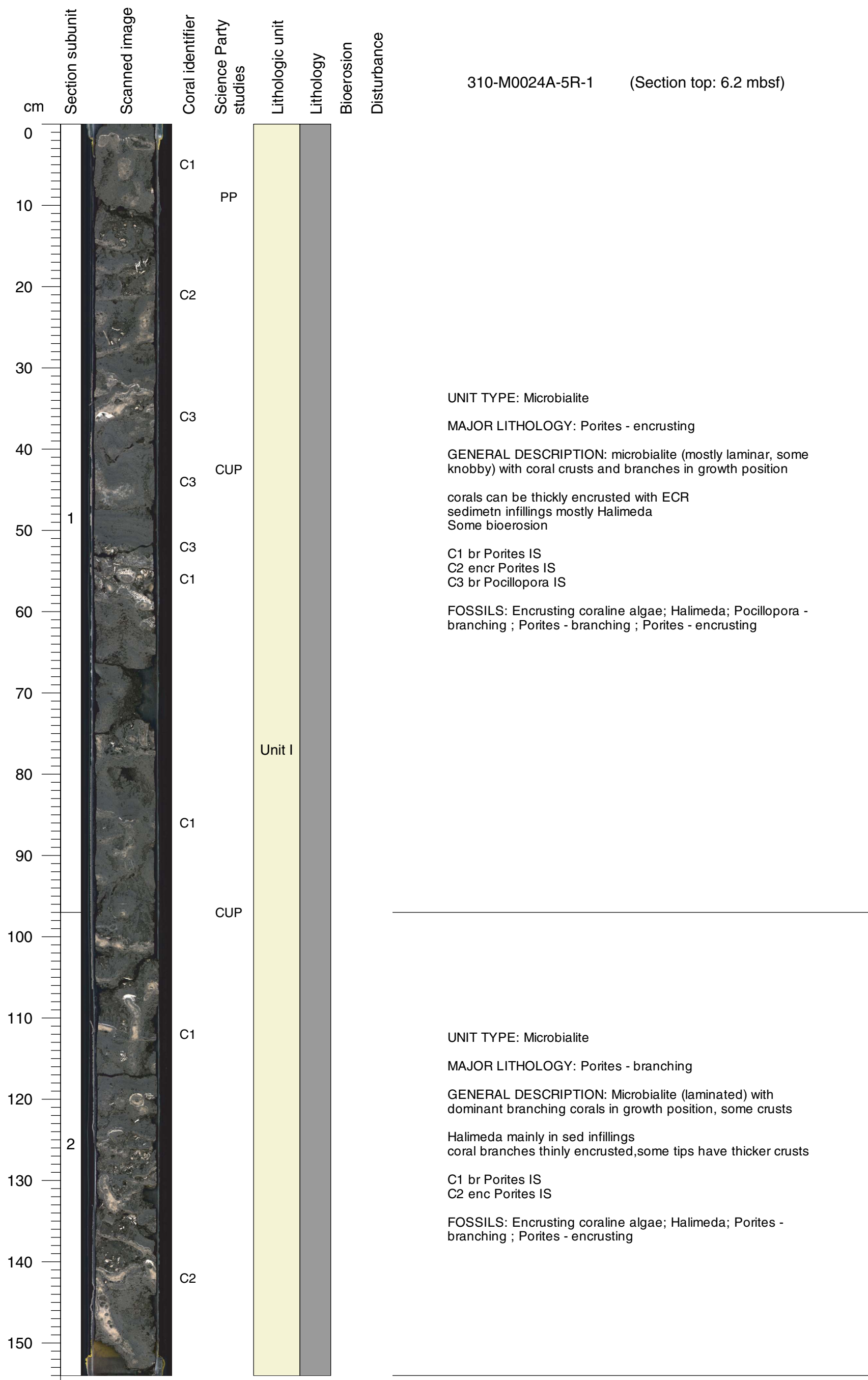
Core Photo

310-M0024A-4R-2 (Section top: 5.03 mbsf)

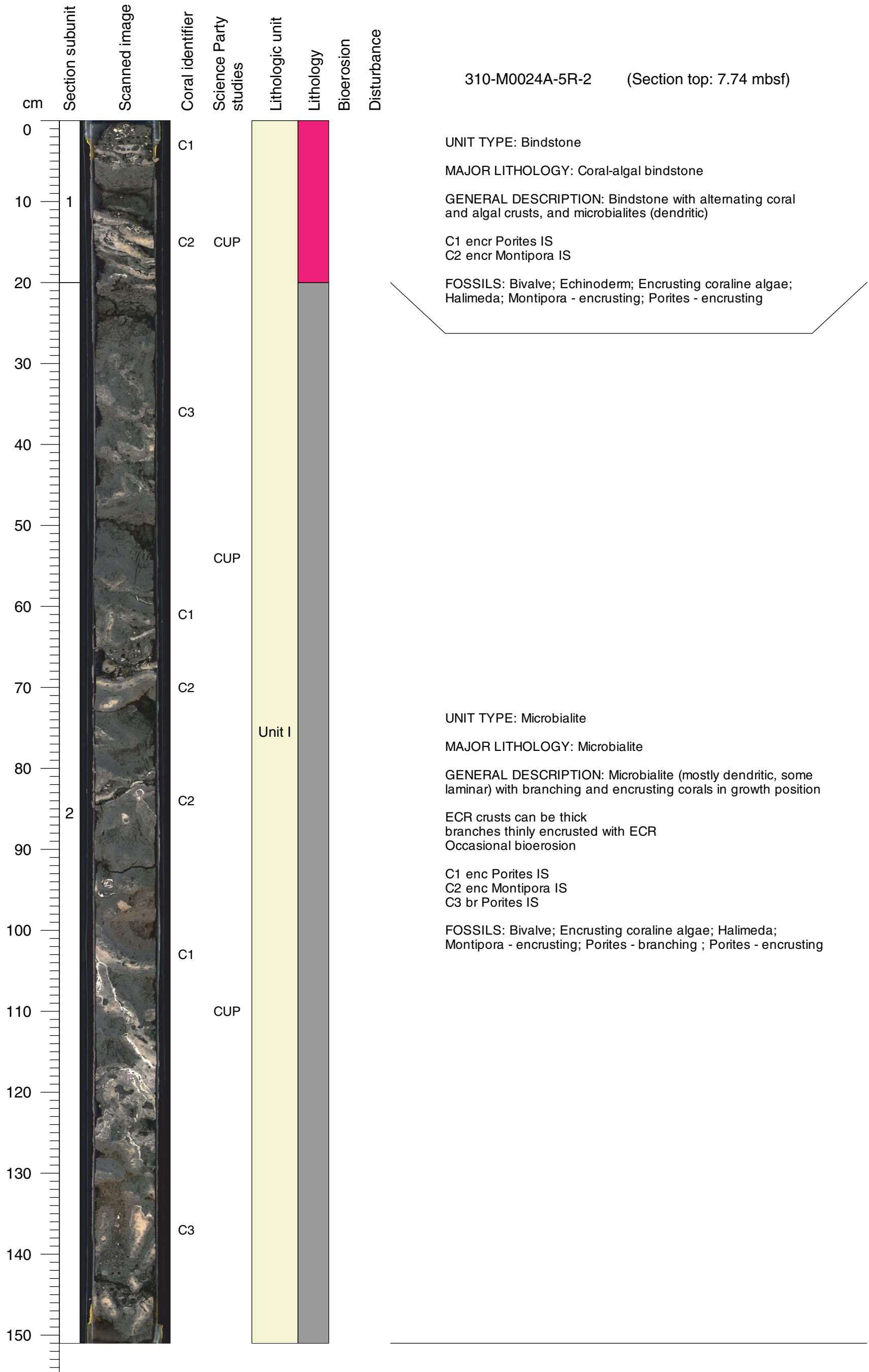


Core Photo

310-M0024A-5R-1 (Section top: 6.2 mbsf)

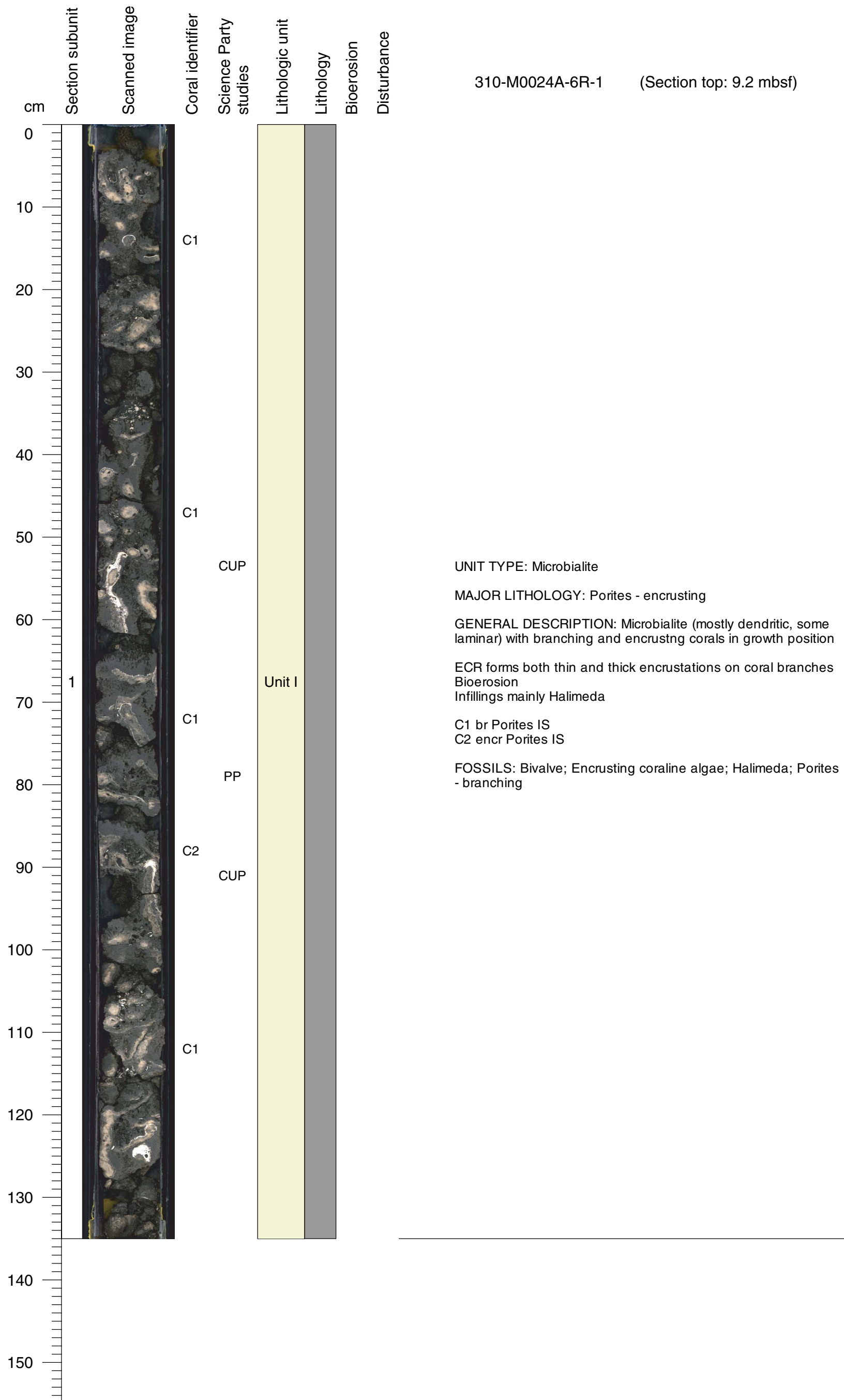


Core Photo

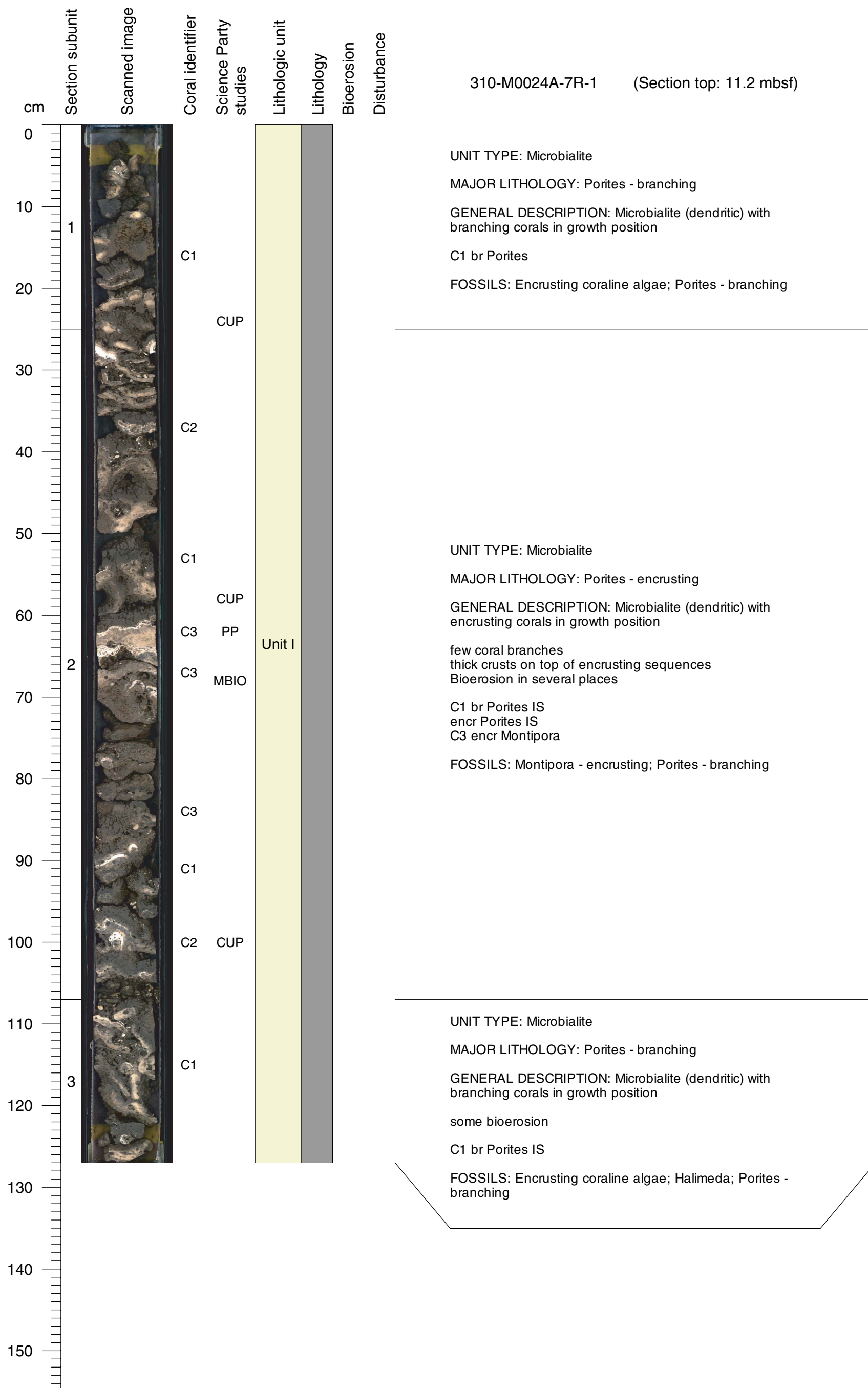


Core Photo

310-M0024A-6R-1 (Section top: 9.2 mbsf)

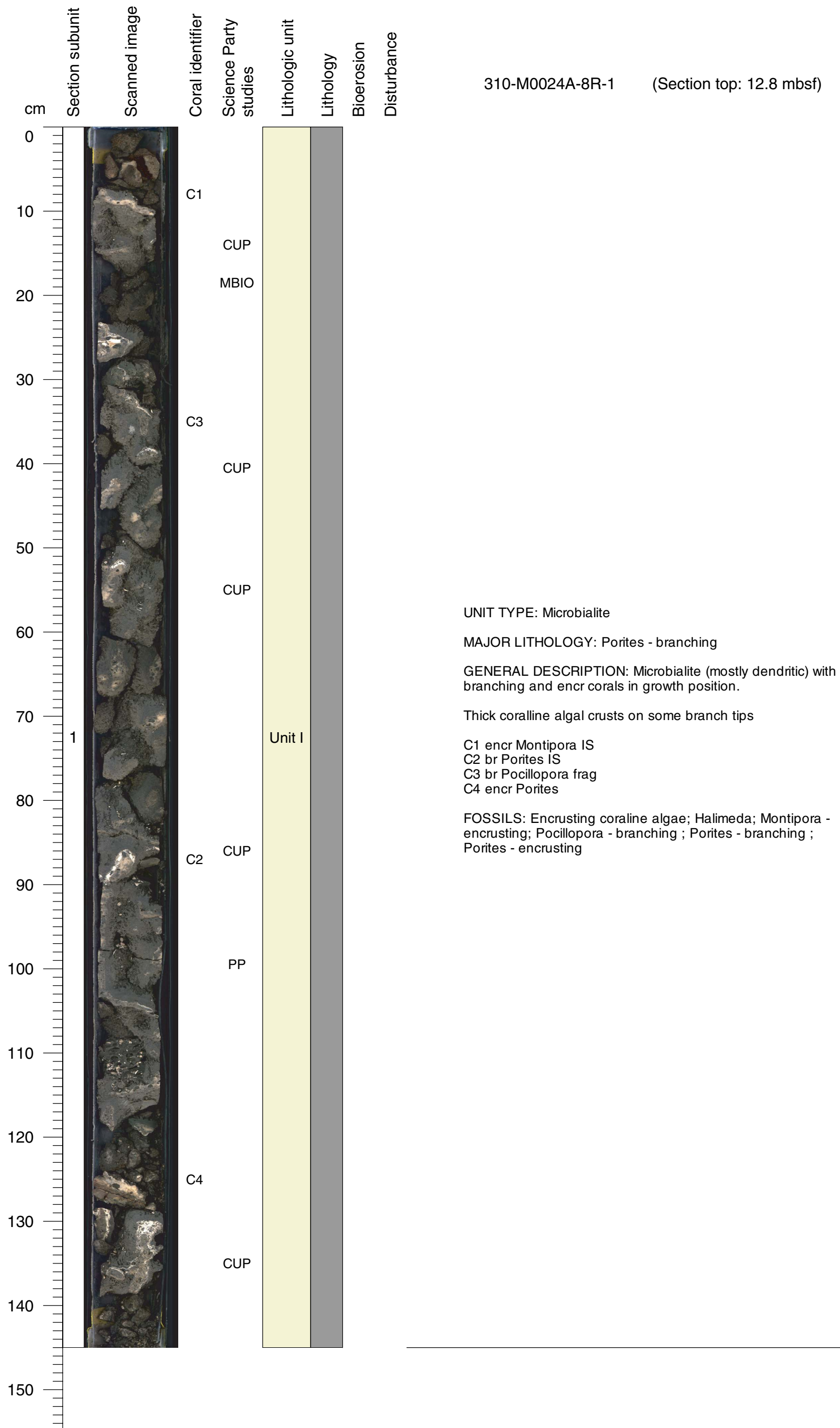


Core Photo



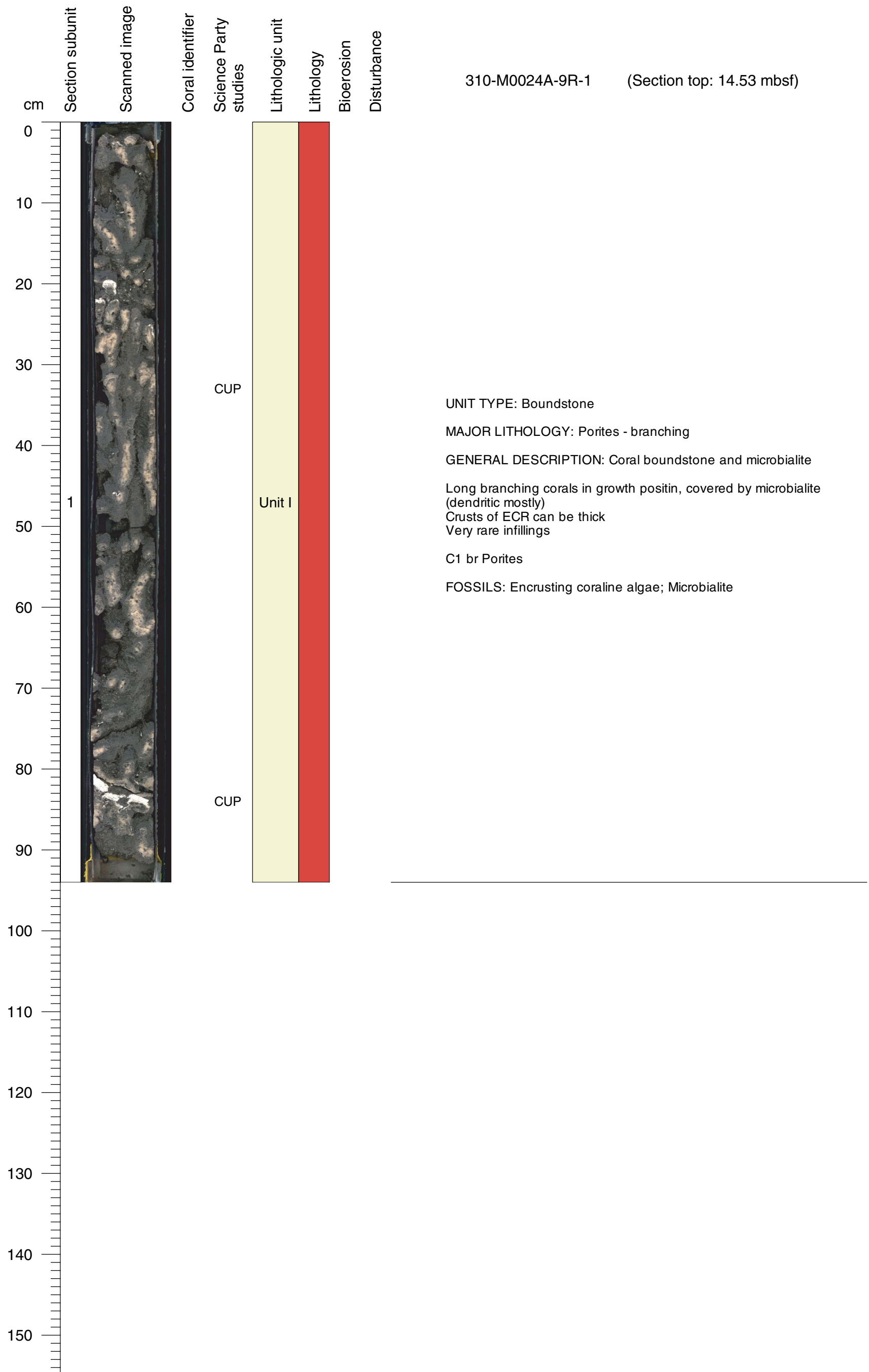
Core Photo

310-M0024A-8R-1 (Section top: 12.8 mbsf)



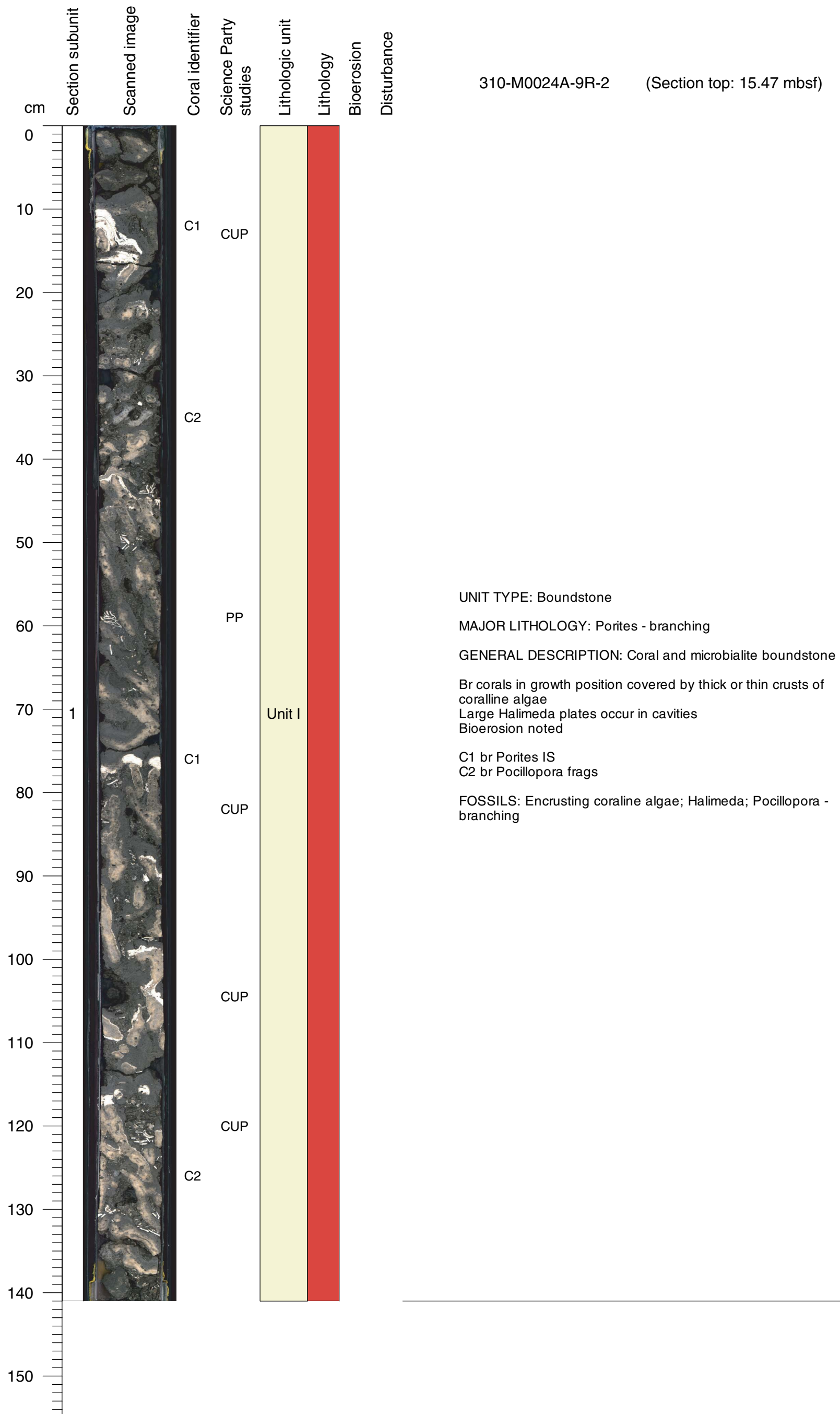
Core Photo

310-M0024A-9R-1 (Section top: 14.53 mbsf)



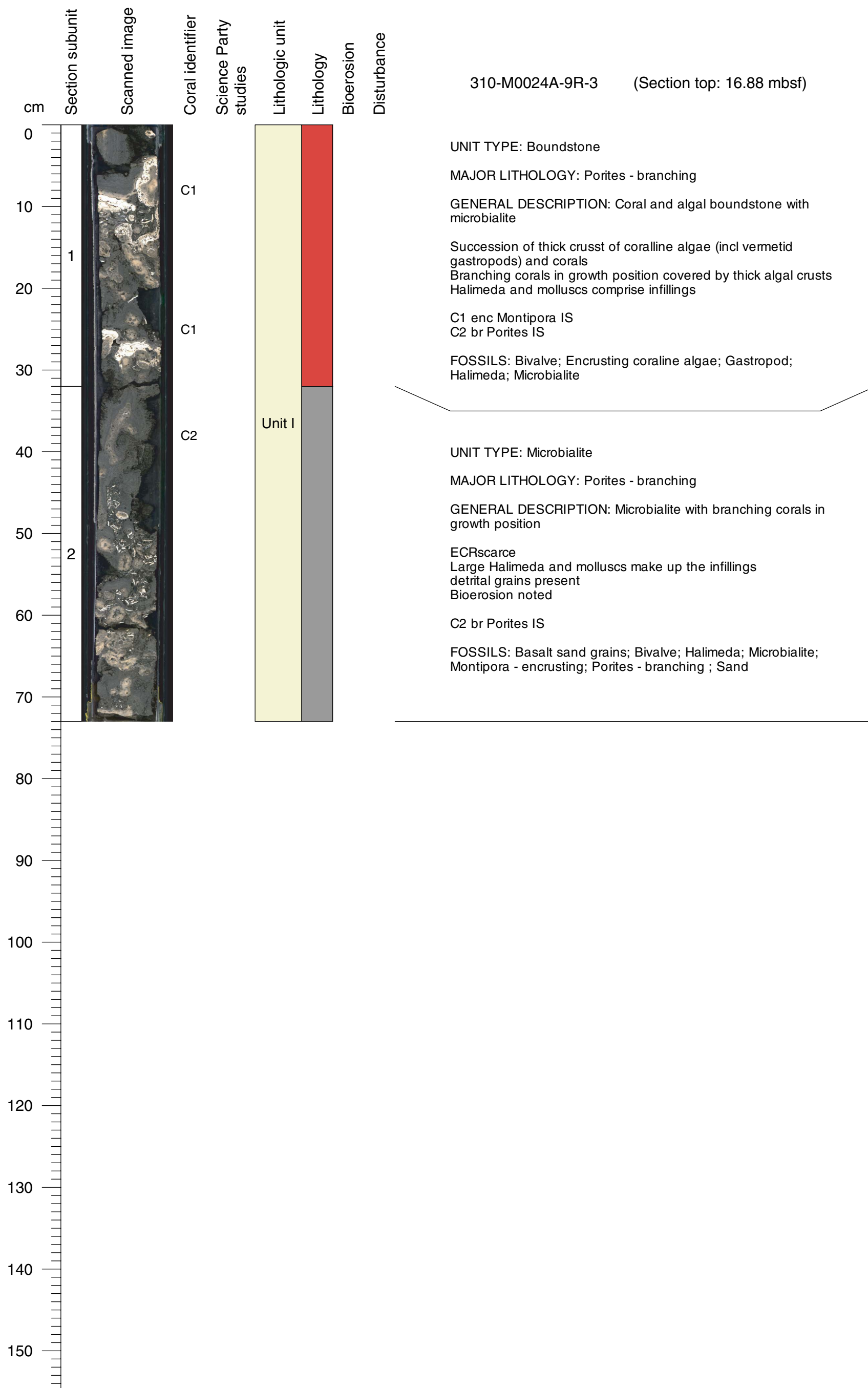
Core Photo

310-M0024A-9R-2 (Section top: 15.47 mbsf)

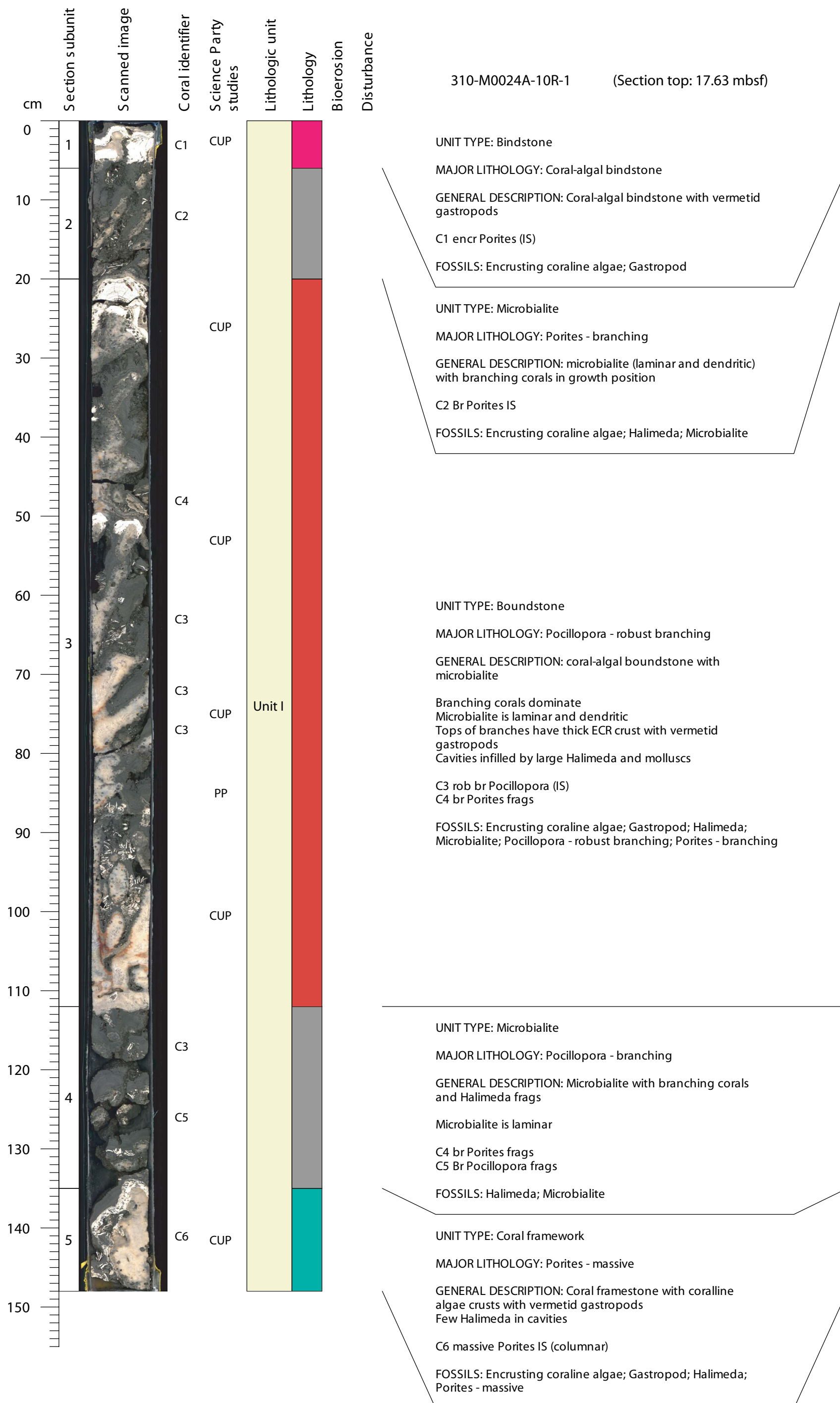


Core Photo

310-M0024A-9R-3 (Section top: 16.88 mbsf)

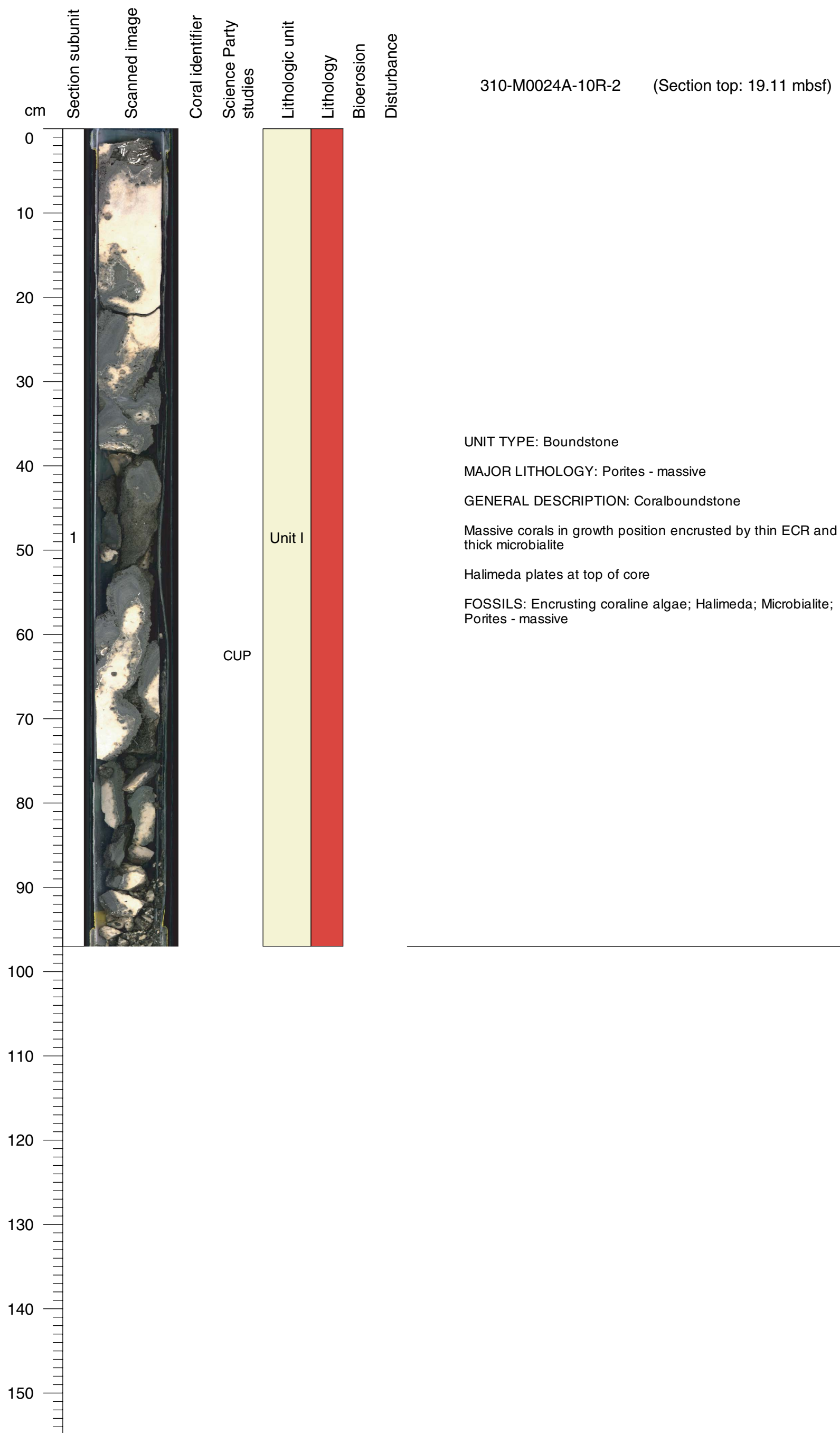


Core Photo



Core Photo

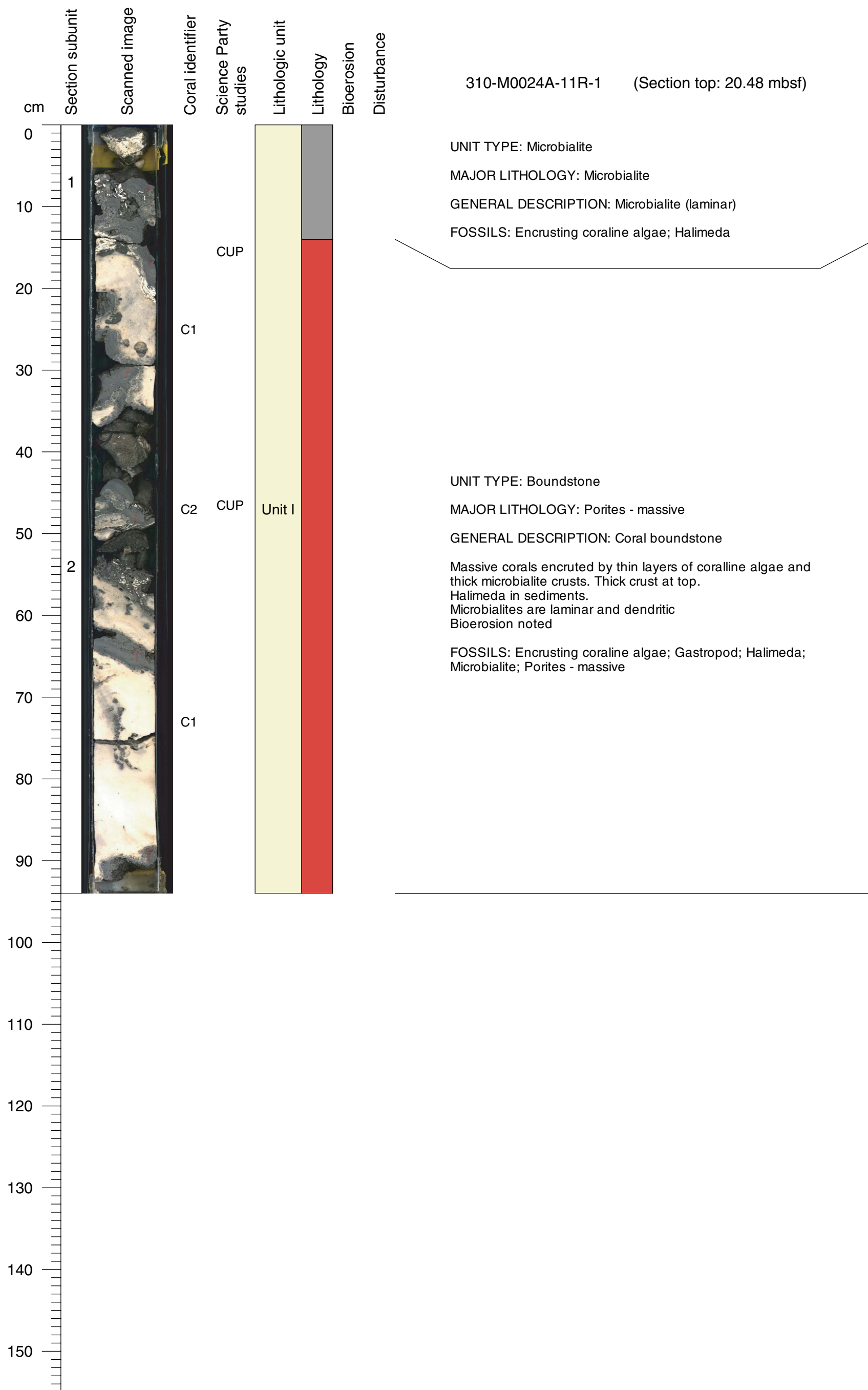
310-M0024A-10R-2 (Section top: 19.11 mbsf)



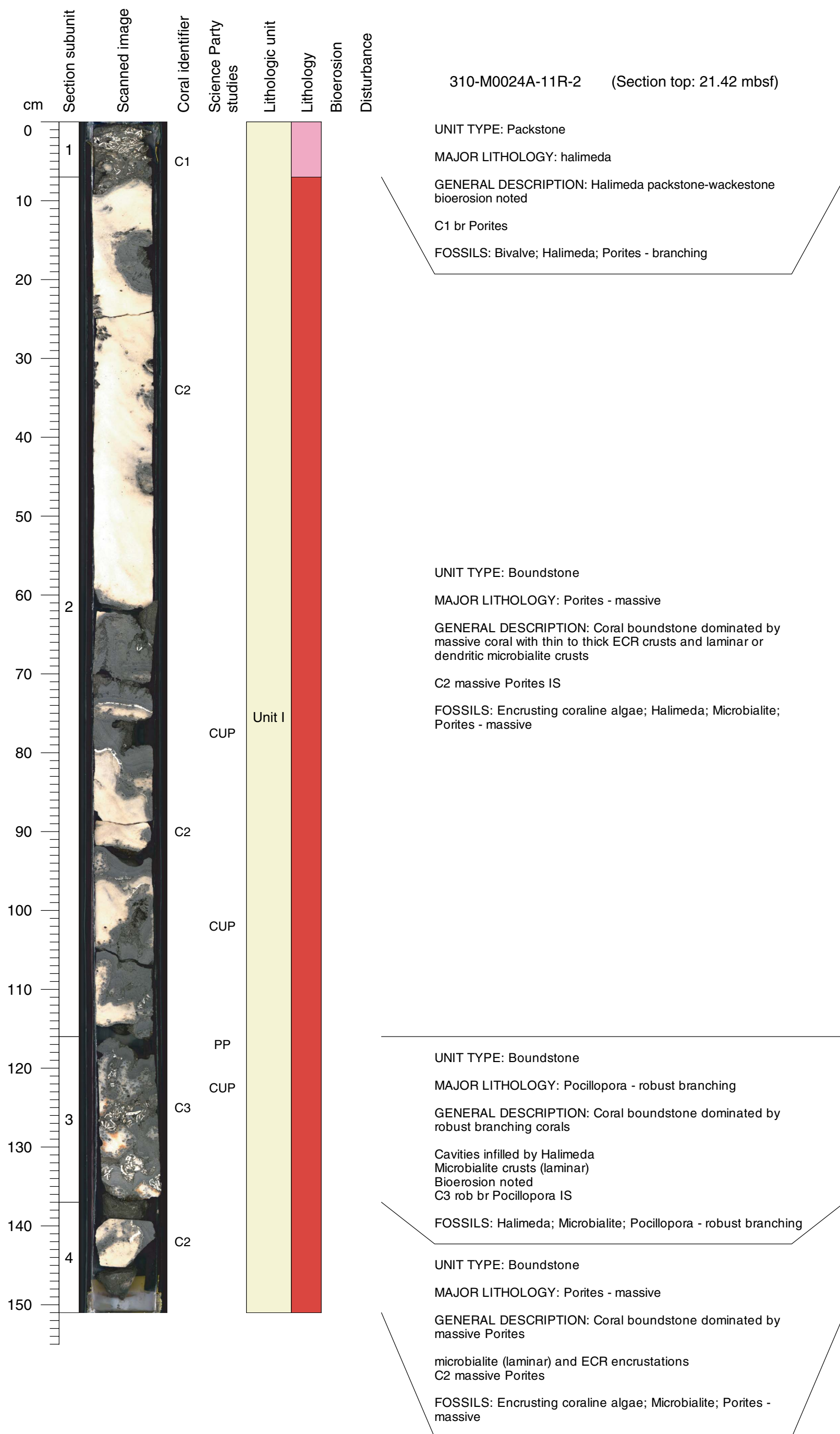
UNIT TYPE: Boundstone
 MAJOR LITHOLOGY: Porites - massive
 GENERAL DESCRIPTION: Coralboundstone
 Massive corals in growth position encrusted by thin ECR and thick microbialite
 Halimeda plates at top of core
 FOSSILS: Encrusting coralline algae; Halimeda; Microbialite; Porites - massive



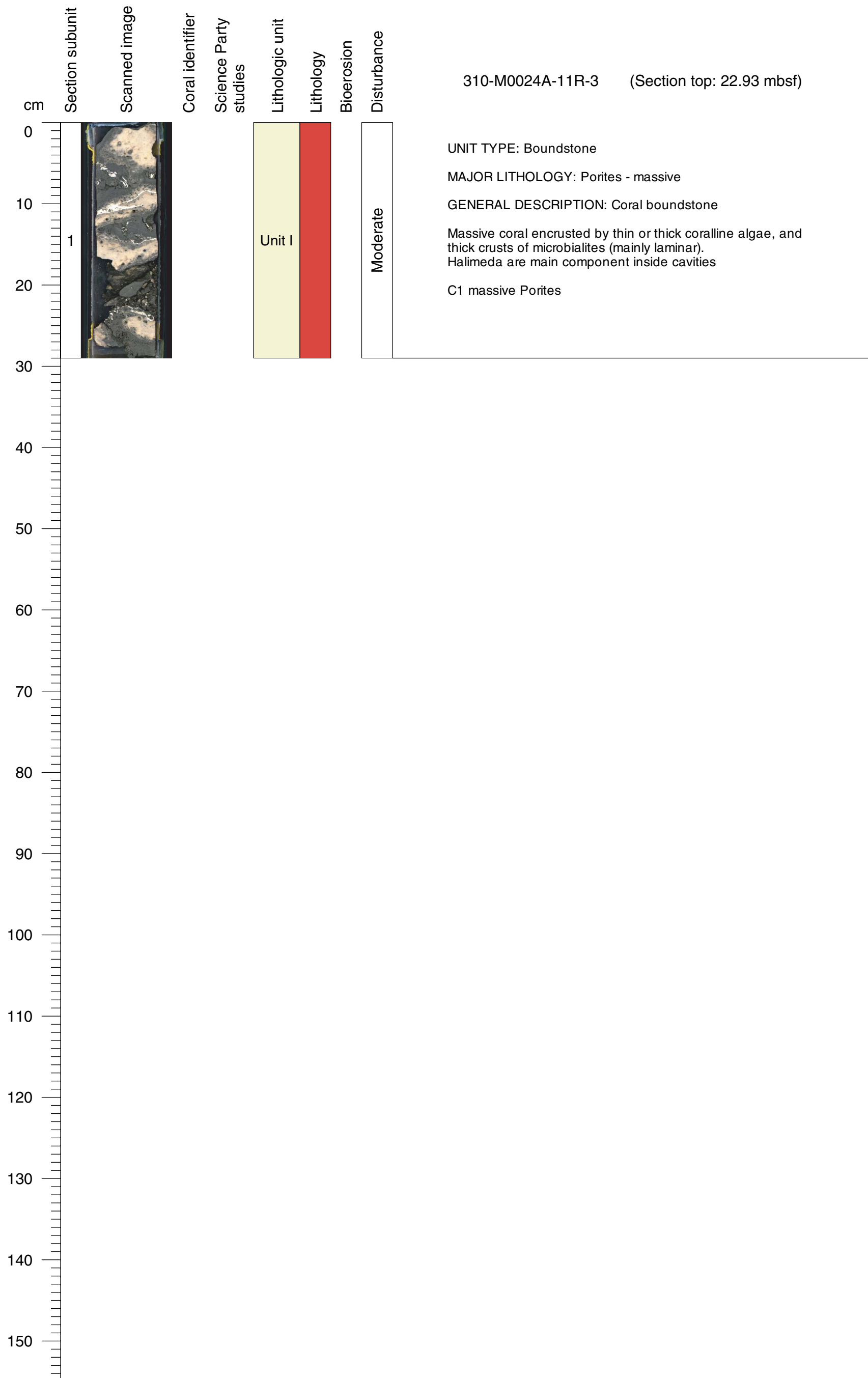
Core Photo



Core Photo



Core Photo

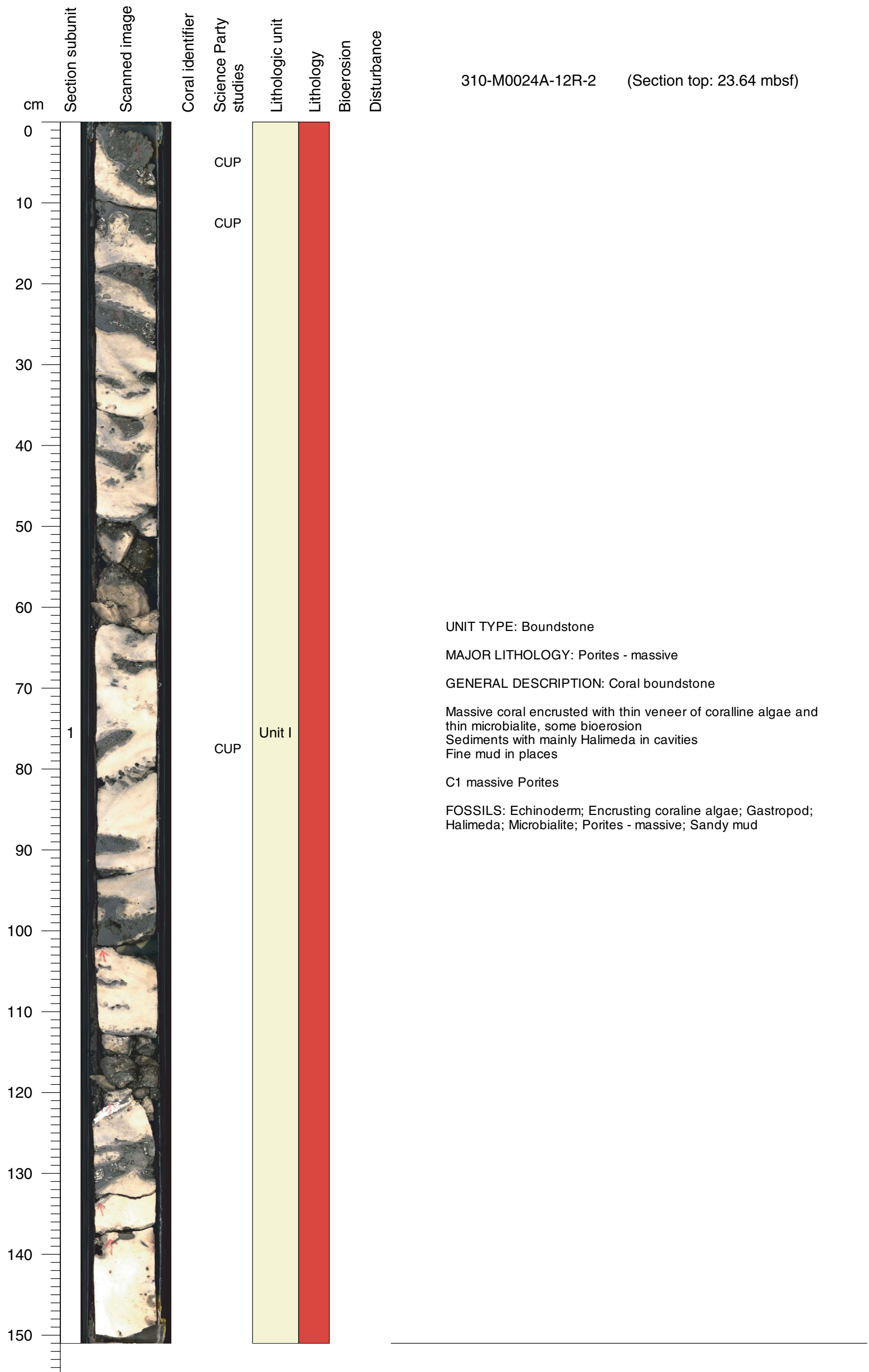


Core Photo

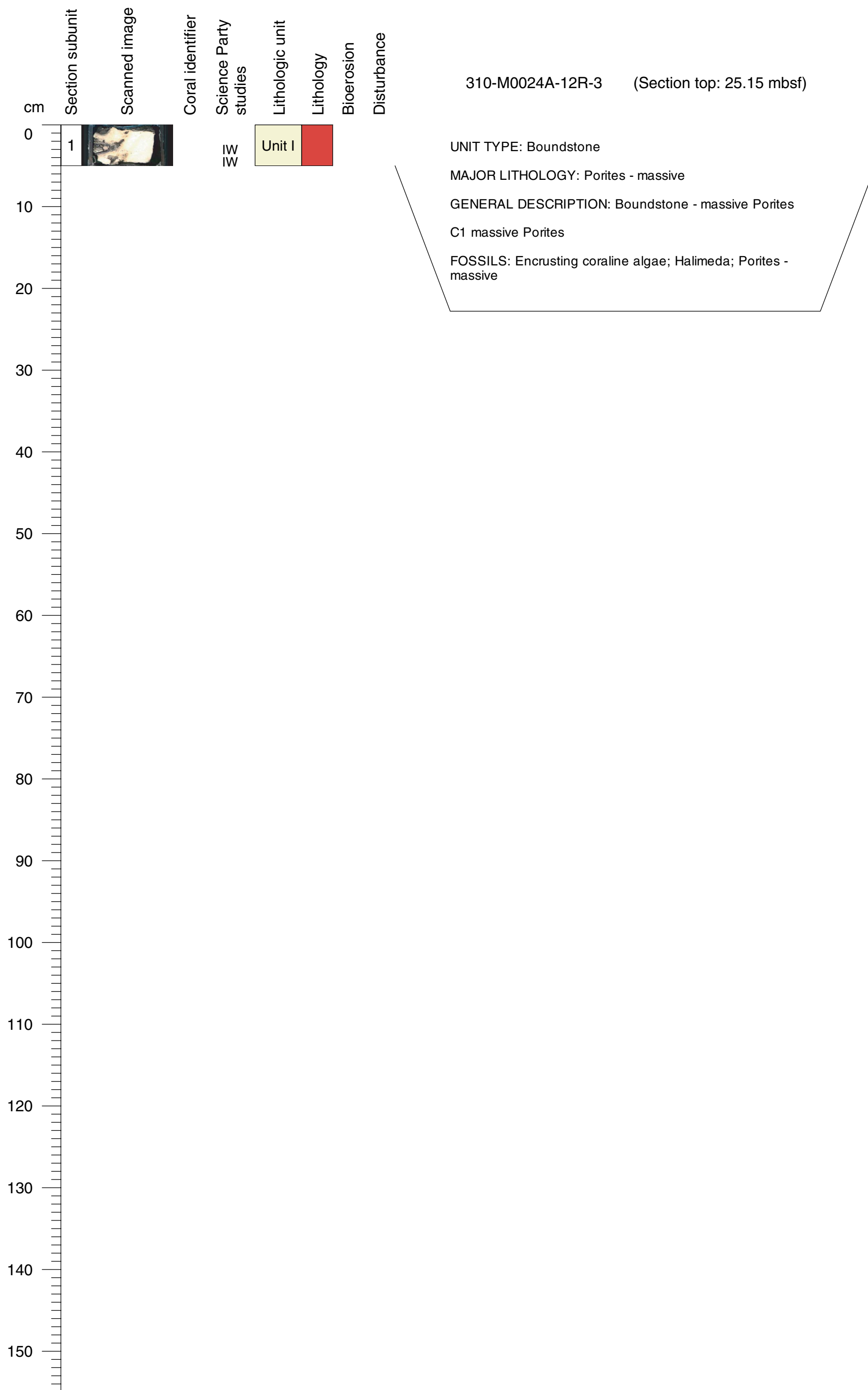


Core Photo

310-M0024A-12R-2 (Section top: 23.64 mbsf)

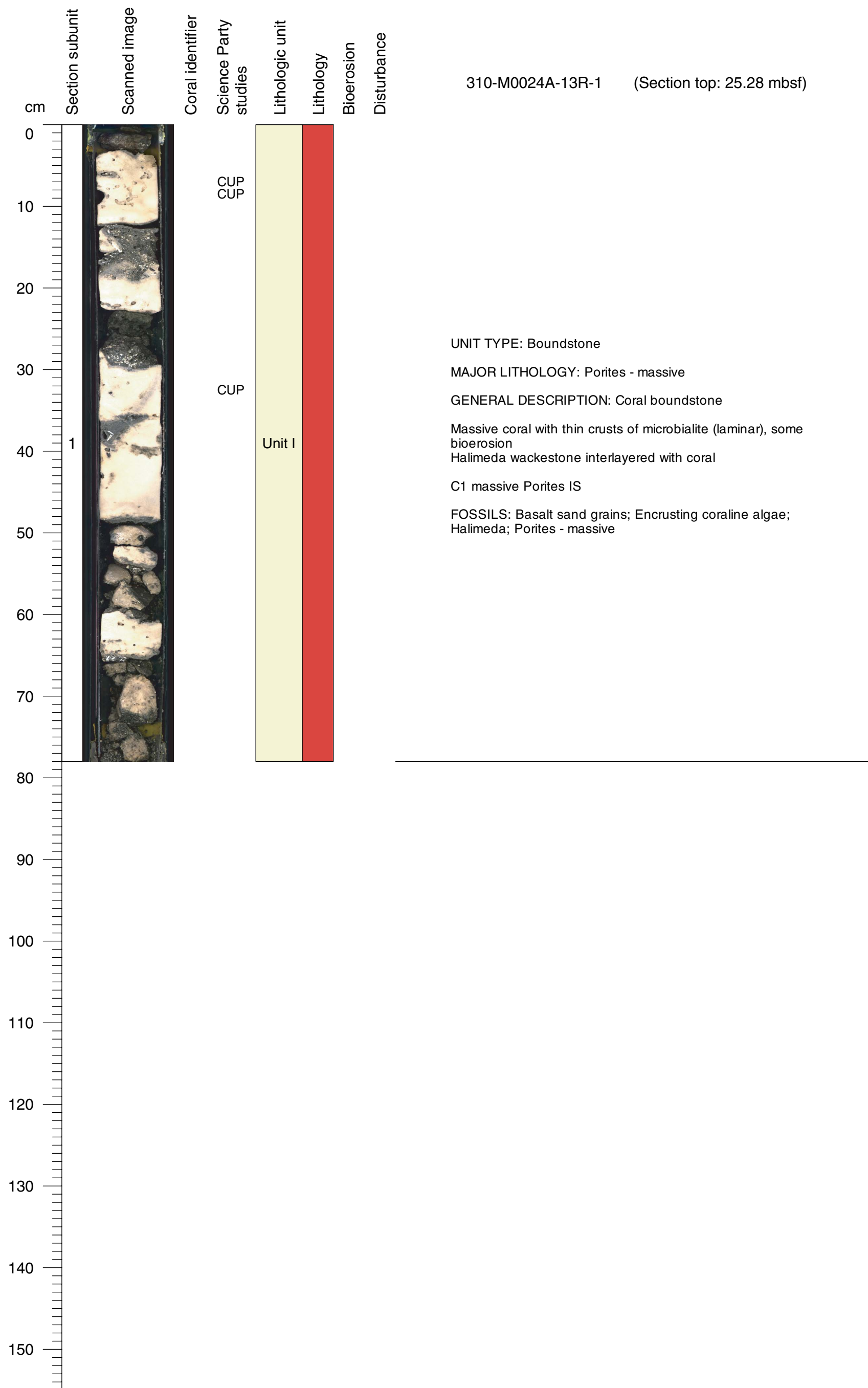


Core Photo



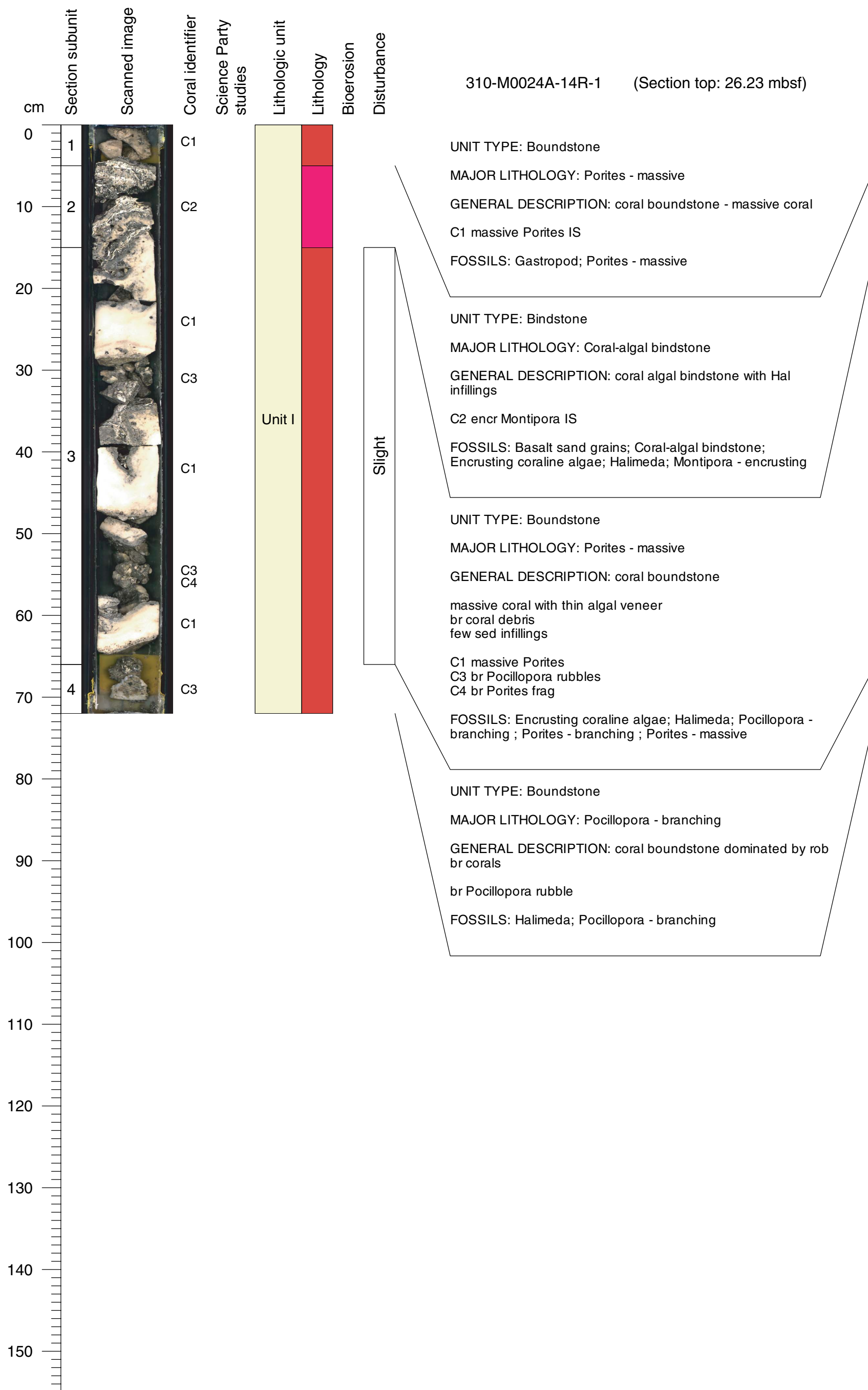
Core Photo

310-M0024A-13R-1 (Section top: 25.28 mbsf)



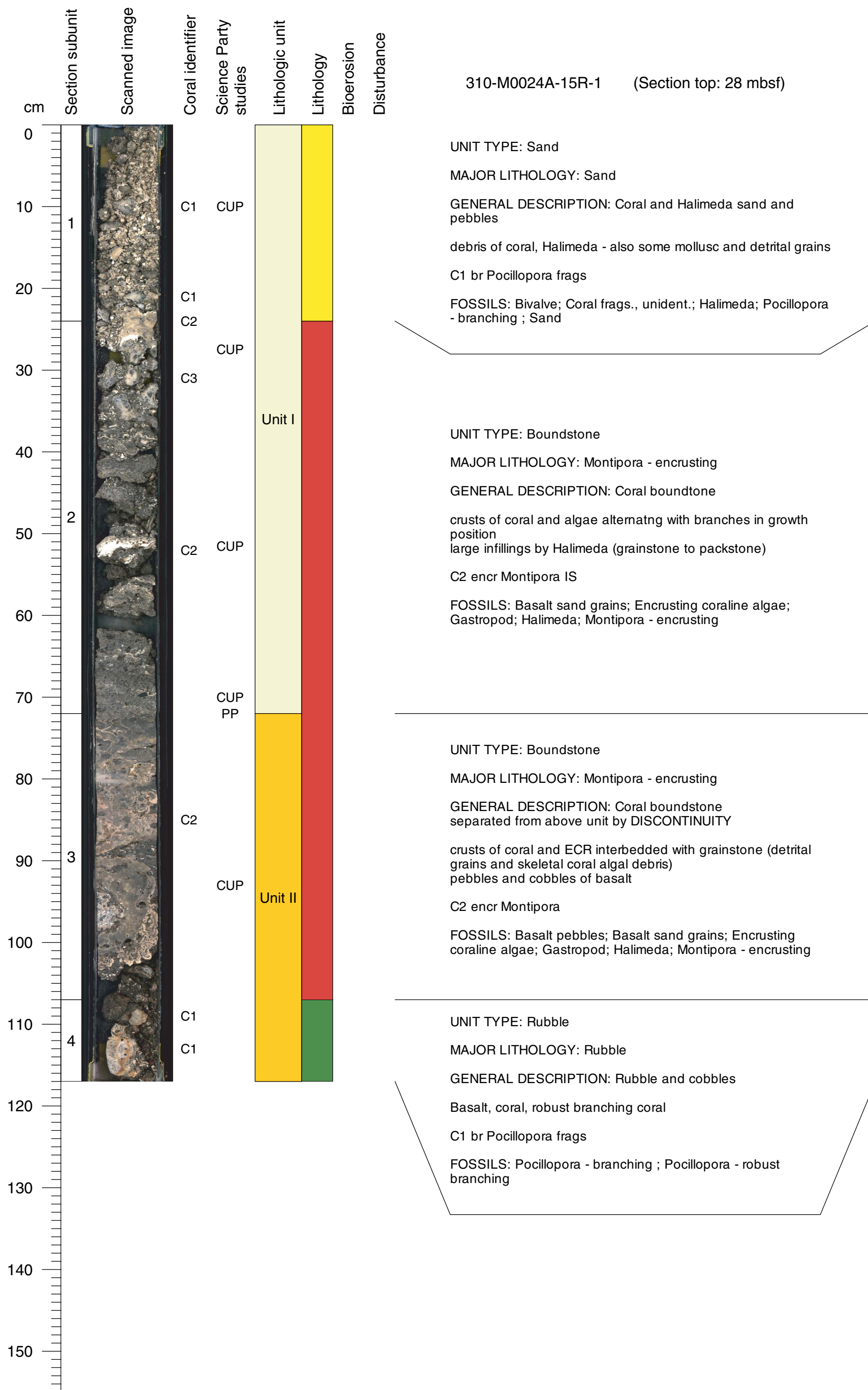
Core Photo

310-M0024A-14R-1 (Section top: 26.23 mbsf)



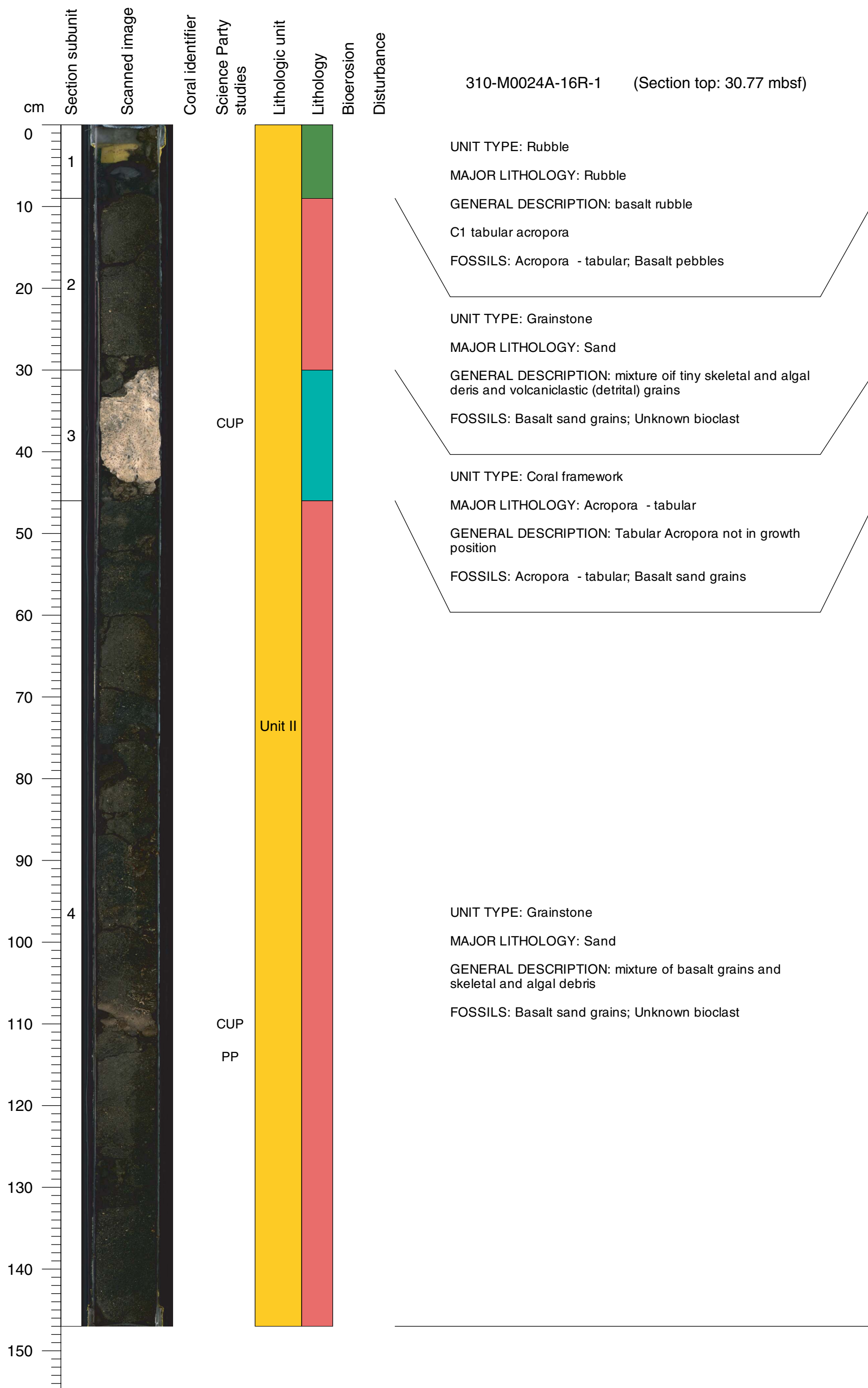
Core Photo

310-M0024A-15R-1 (Section top: 28 mbsf)



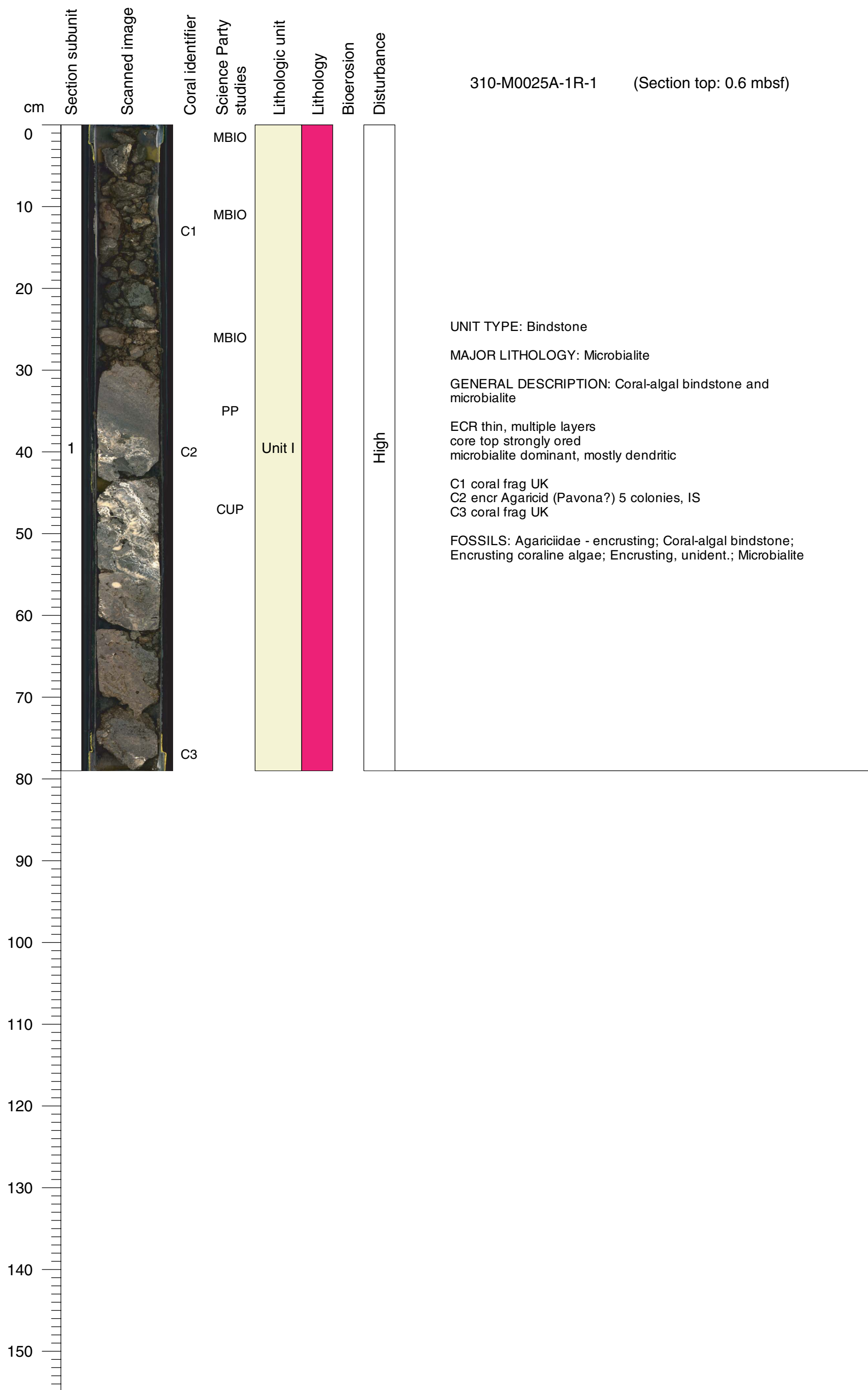
Core Photo

310-M0024A-16R-1 (Section top: 30.77 mbsf)



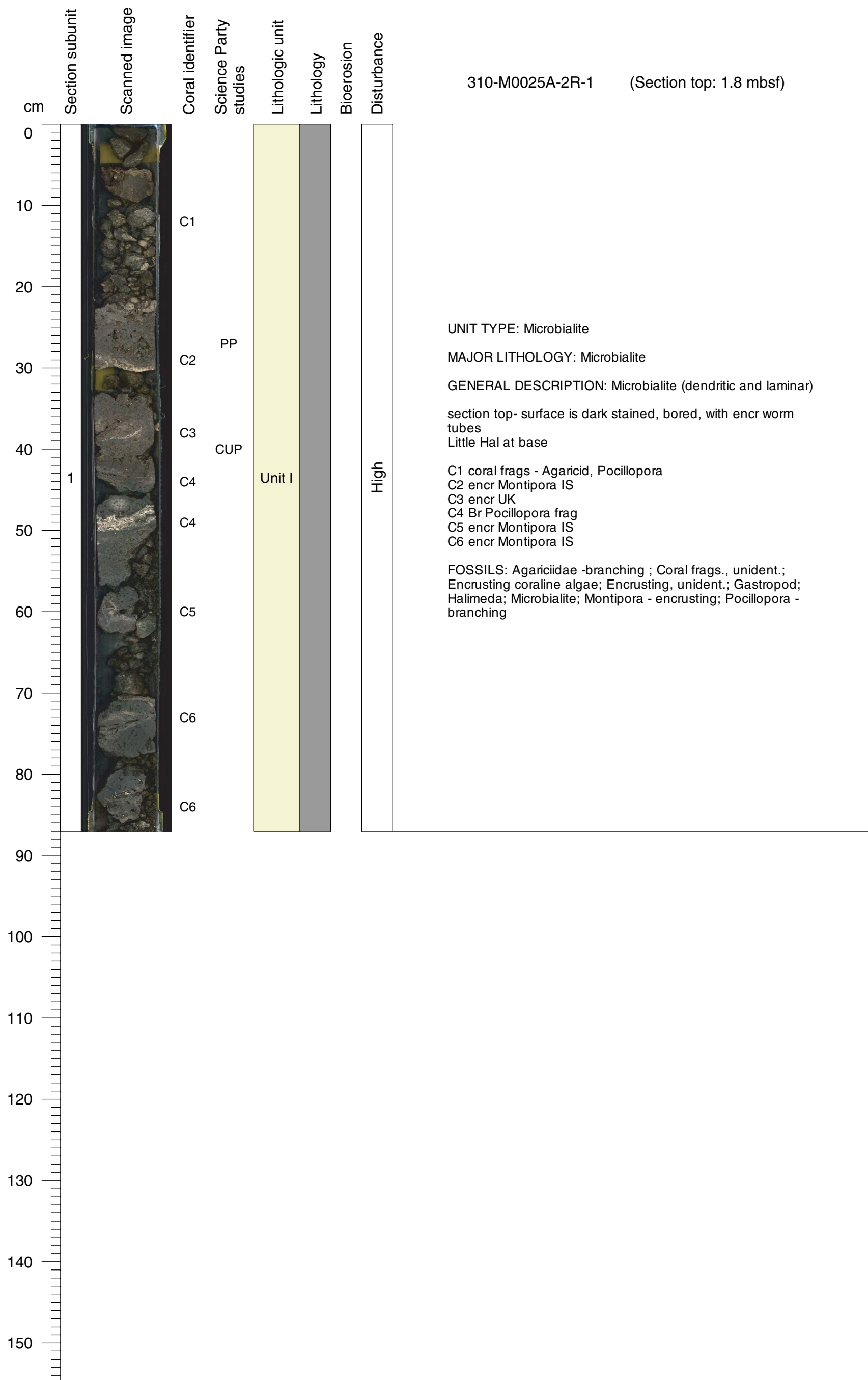
Core Photo

310-M0025A-1R-1 (Section top: 0.6 mbsf)



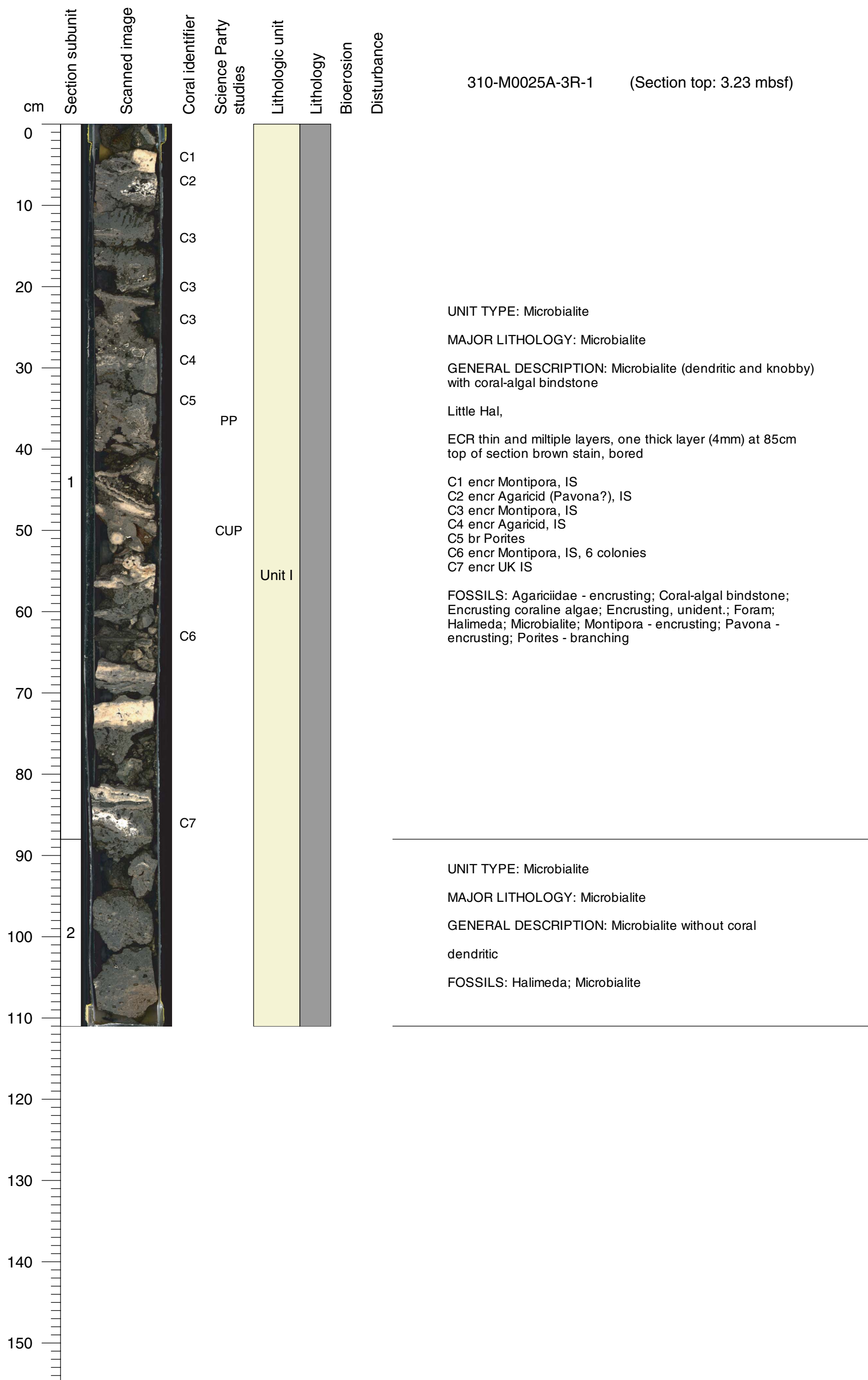
Core Photo

310-M0025A-2R-1 (Section top: 1.8 mbsf)

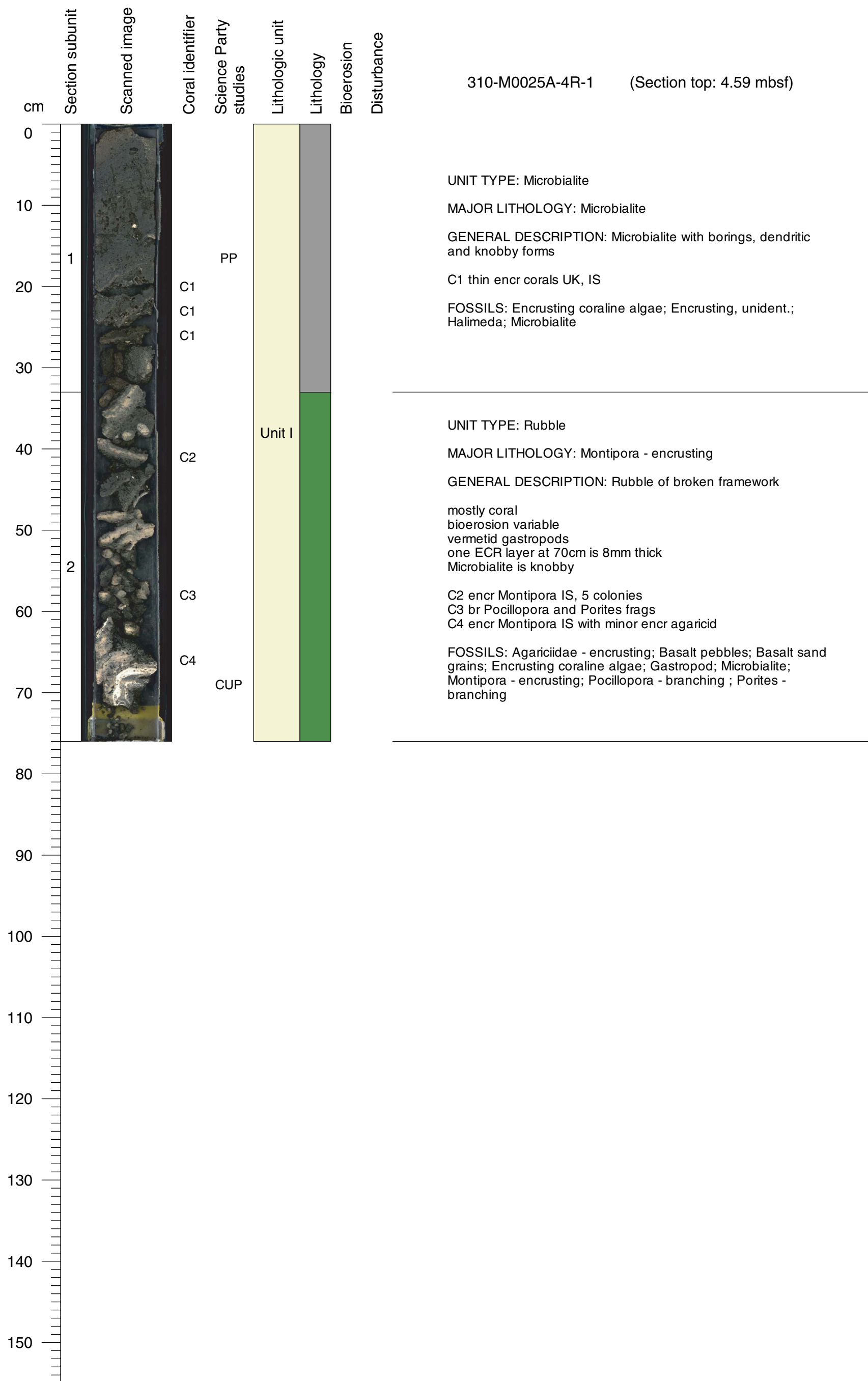


Core Photo

310-M0025A-3R-1 (Section top: 3.23 mbsf)

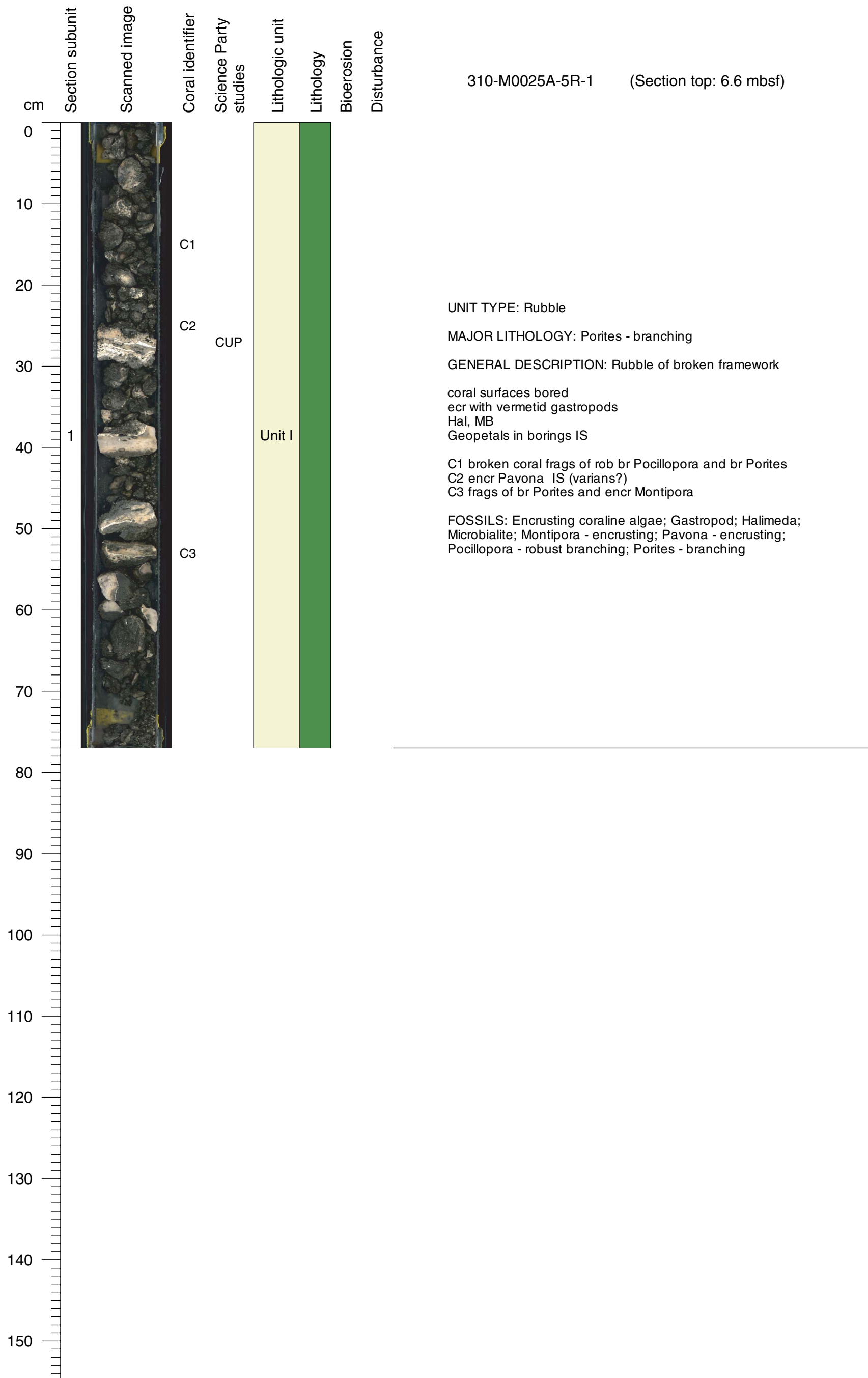


Core Photo

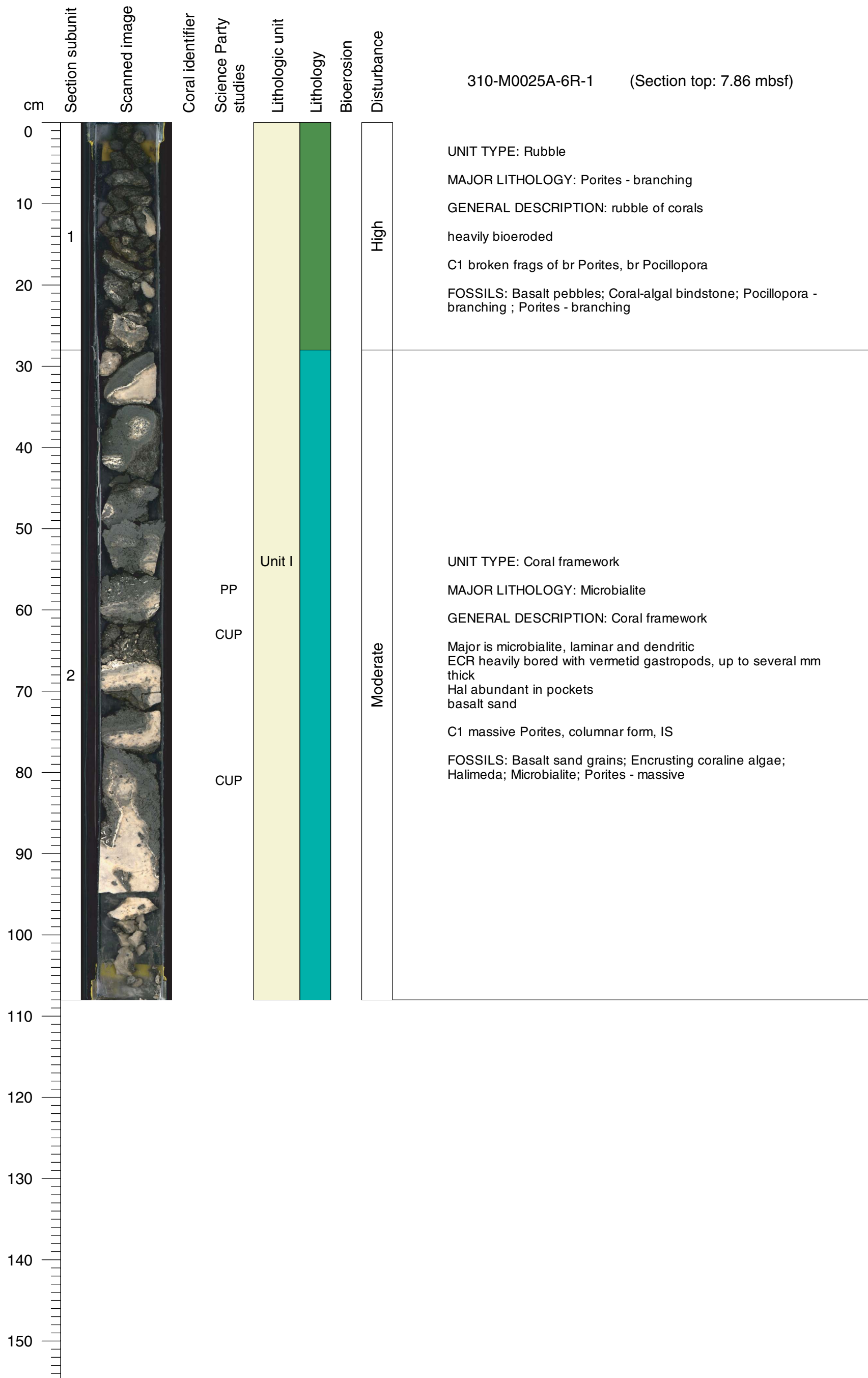


Core Photo

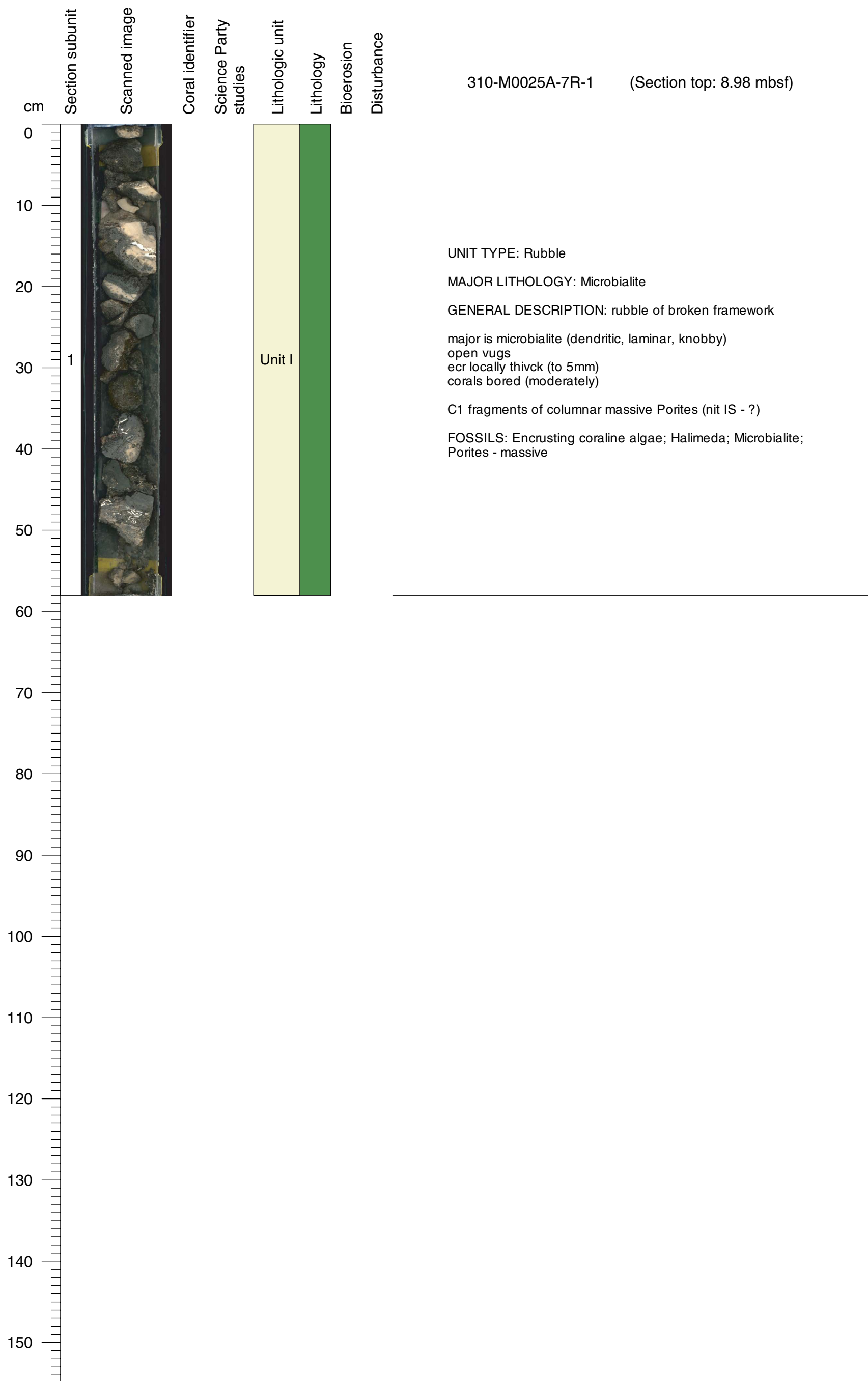
310-M0025A-5R-1 (Section top: 6.6 mbsf)



Core Photo

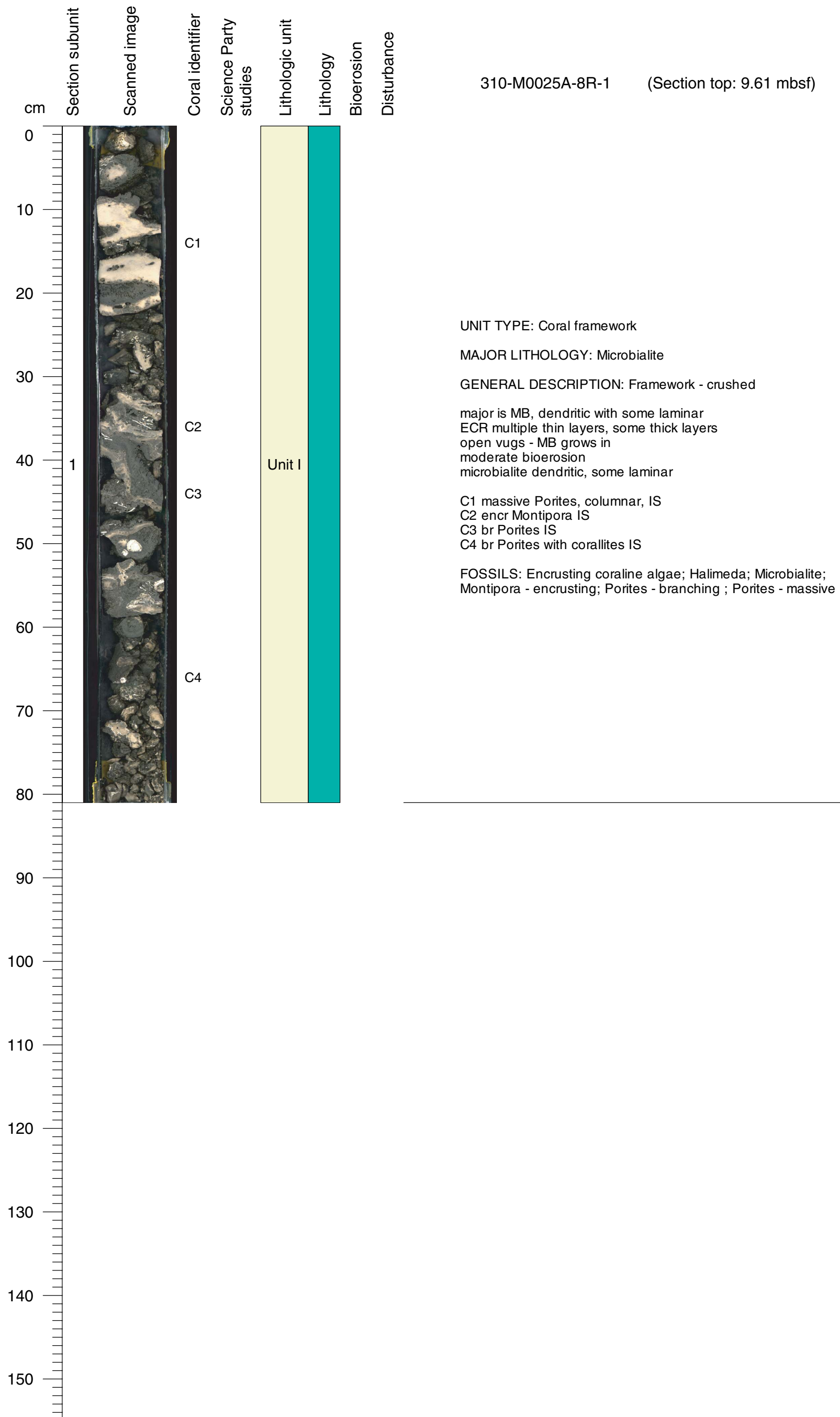


Core Photo

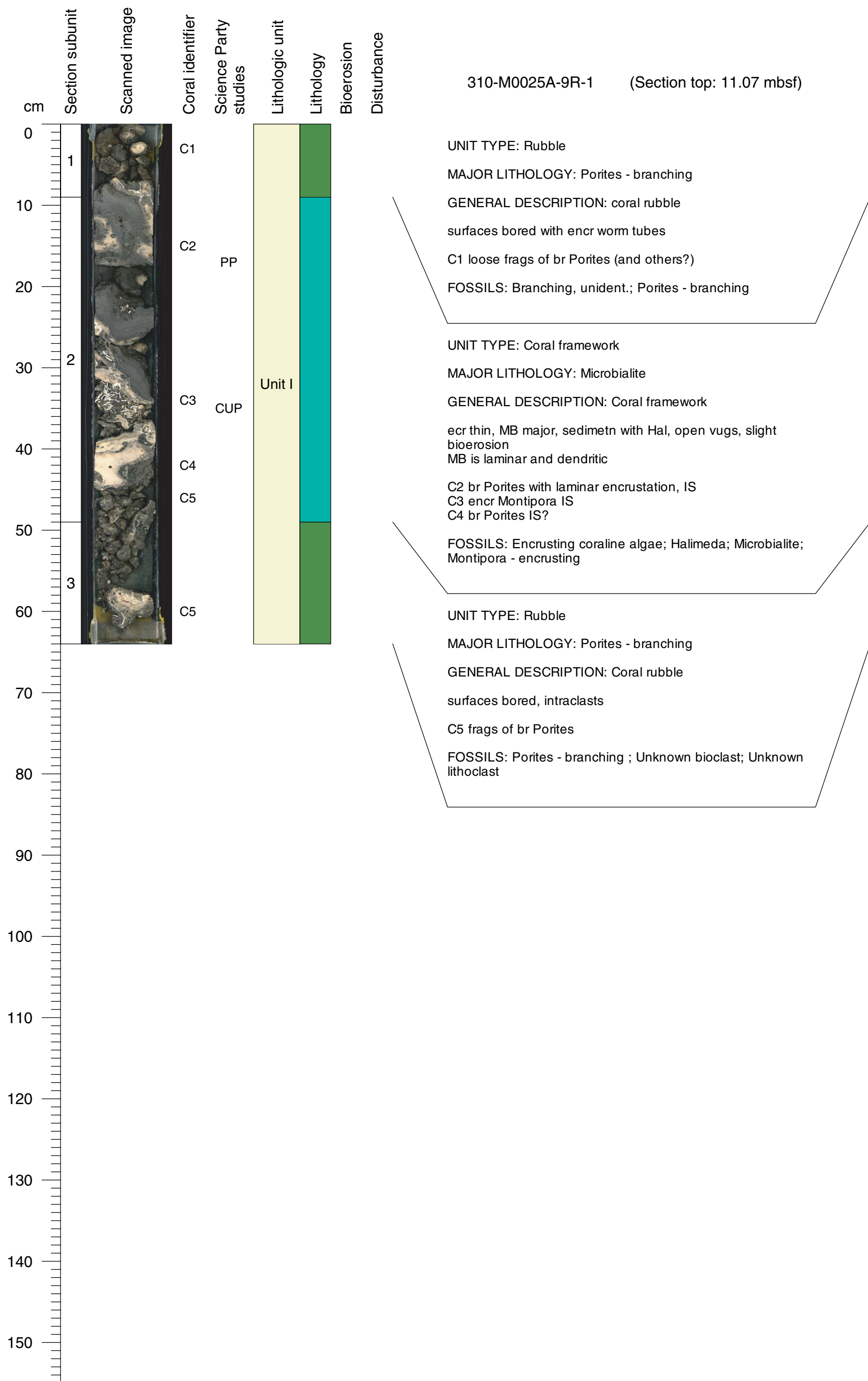


Core Photo

310-M0025A-8R-1 (Section top: 9.61 mbsf)



Core Photo



310-M0025A-9R-1 (Section top: 11.07 mbsf)

UNIT TYPE: Rubble
 MAJOR LITHOLOGY: Porites - branching
 GENERAL DESCRIPTION: coral rubble
 surfaces bored with encr worm tubes
 C1 loose frags of br Porites (and others?)
 FOSSILS: Branching, unident.; Porites - branching

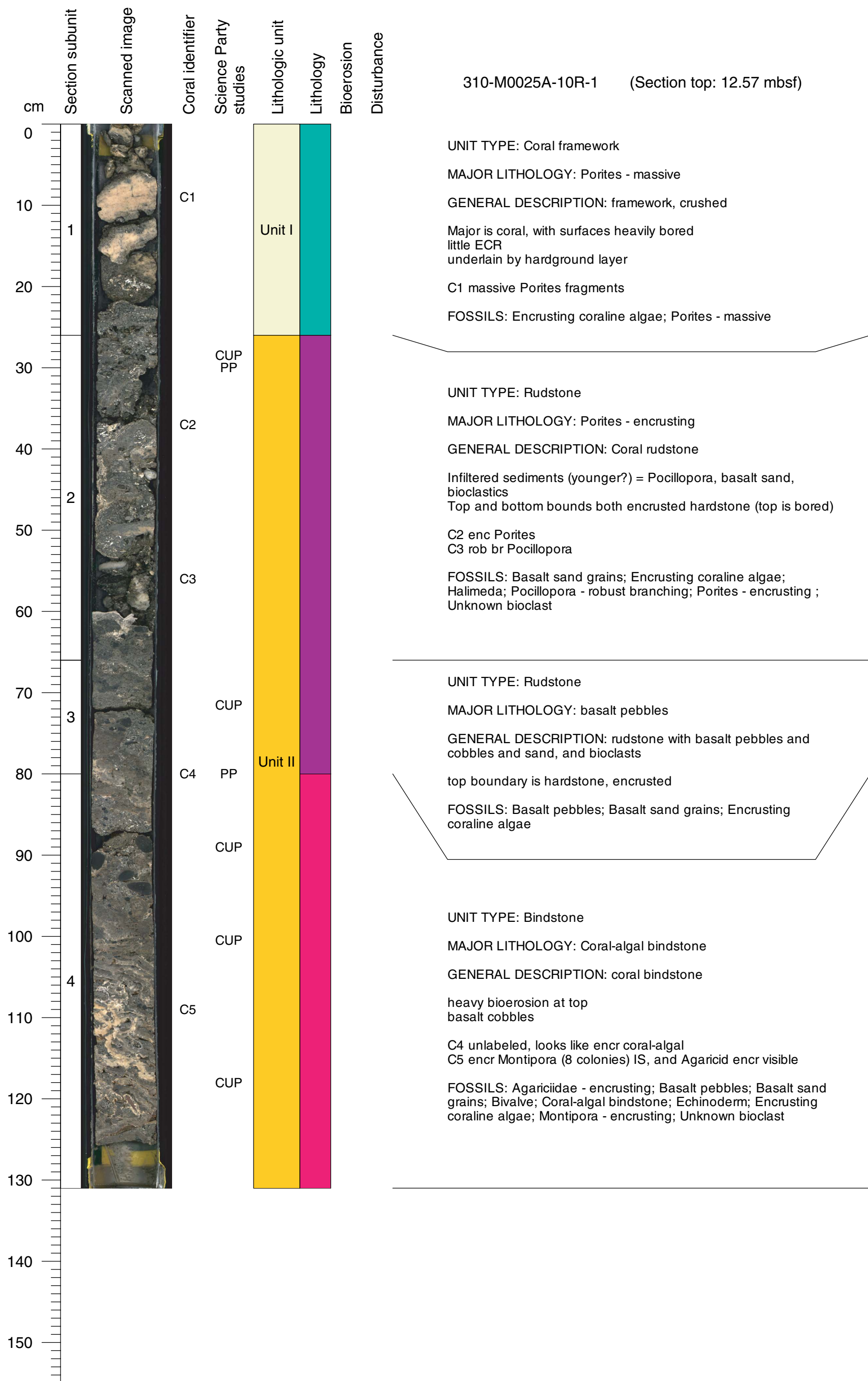
UNIT TYPE: Coral framework
 MAJOR LITHOLOGY: Microbialite
 GENERAL DESCRIPTION: Coral framework
 encr thin, MB major, sediment with Hal, open vugs, slight bioerosion
 MB is laminar and dendritic
 C2 br Porites with laminar encrustation, IS
 C3 encr Montipora IS
 C4 br Porites IS?

FOSSILS: Encrusting coralline algae; Halimeda; Microbialite; Montipora - encrusting

UNIT TYPE: Rubble
 MAJOR LITHOLOGY: Porites - branching
 GENERAL DESCRIPTION: Coral rubble
 surfaces bored, intraclasts
 C5 frags of br Porites
 FOSSILS: Porites - branching ; Unknown bioclast; Unknown lithoclast

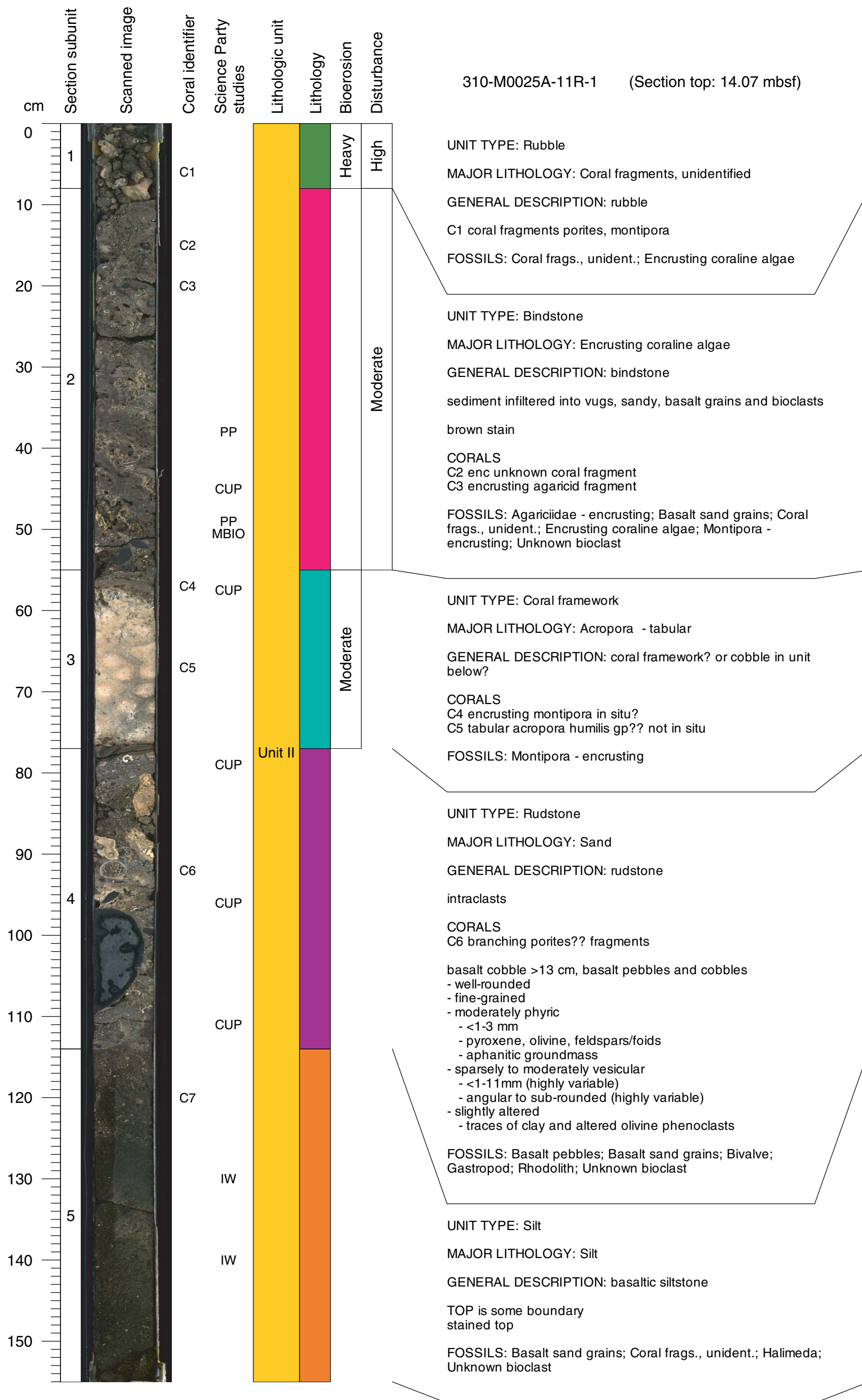
Core Photo

310-M0025A-10R-1 (Section top: 12.57 mbsf)

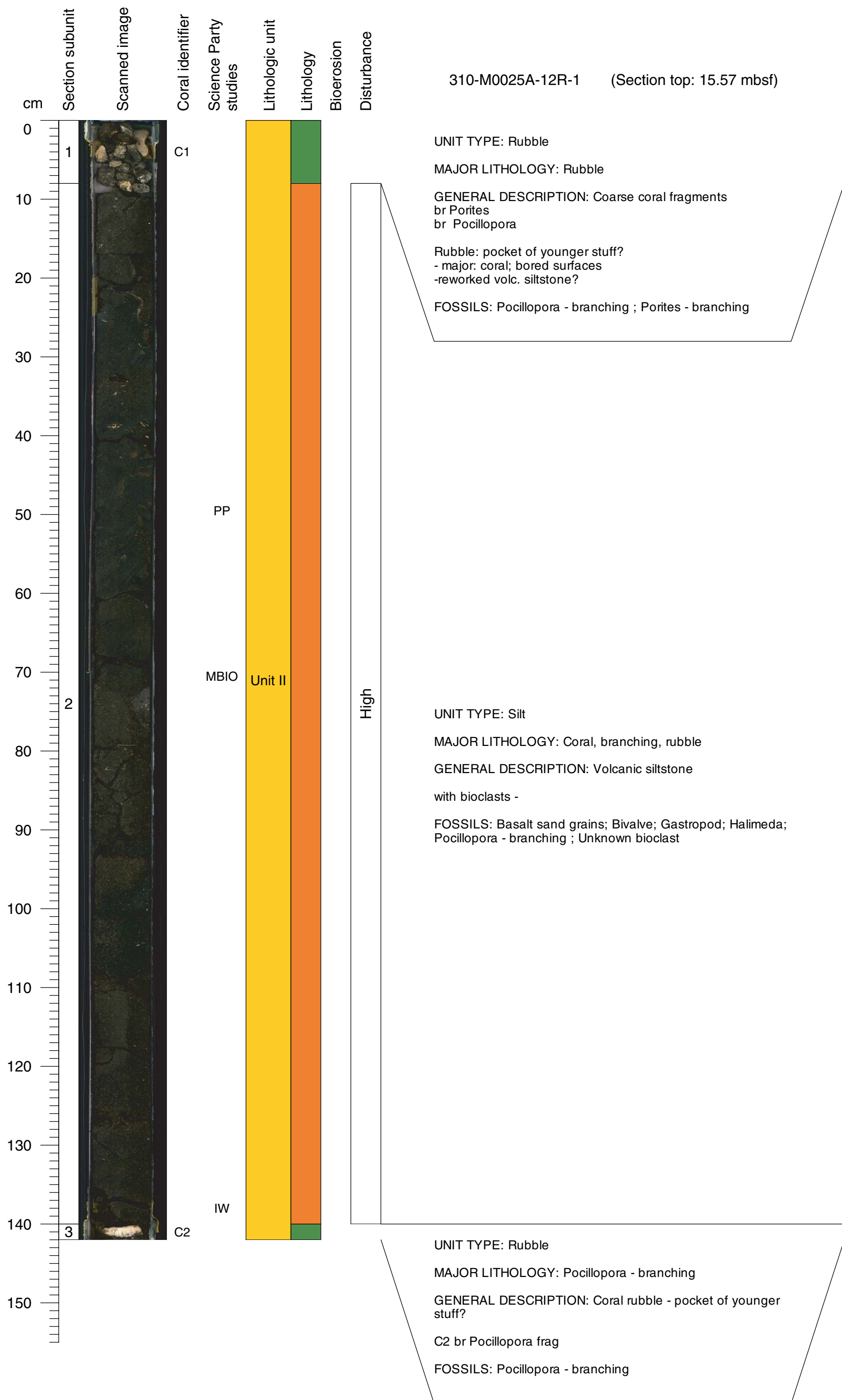


Core Photo

310-M0025A-11R-1 (Section top: 14.07 mbsf)

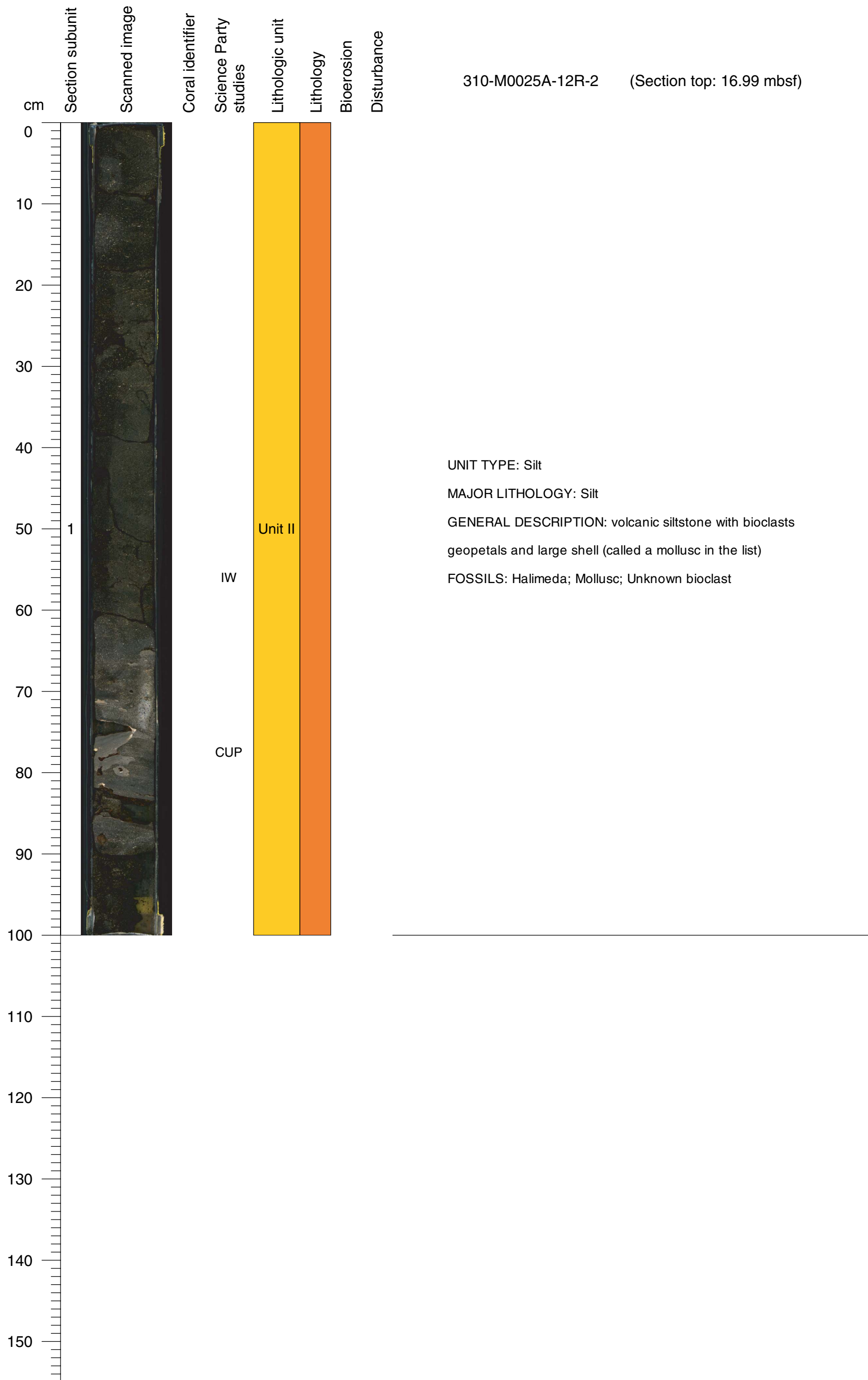


Core Photo

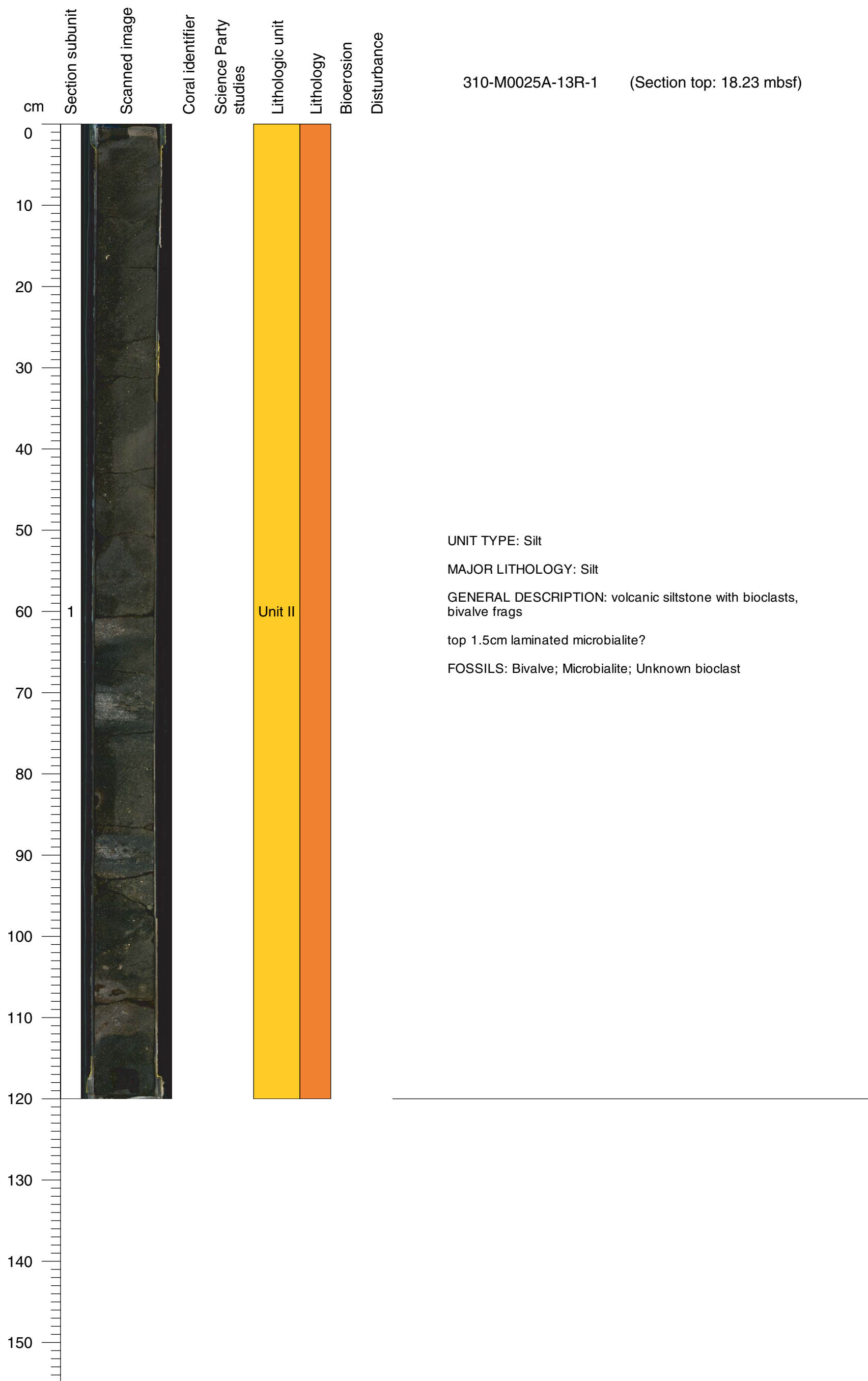


Core Photo

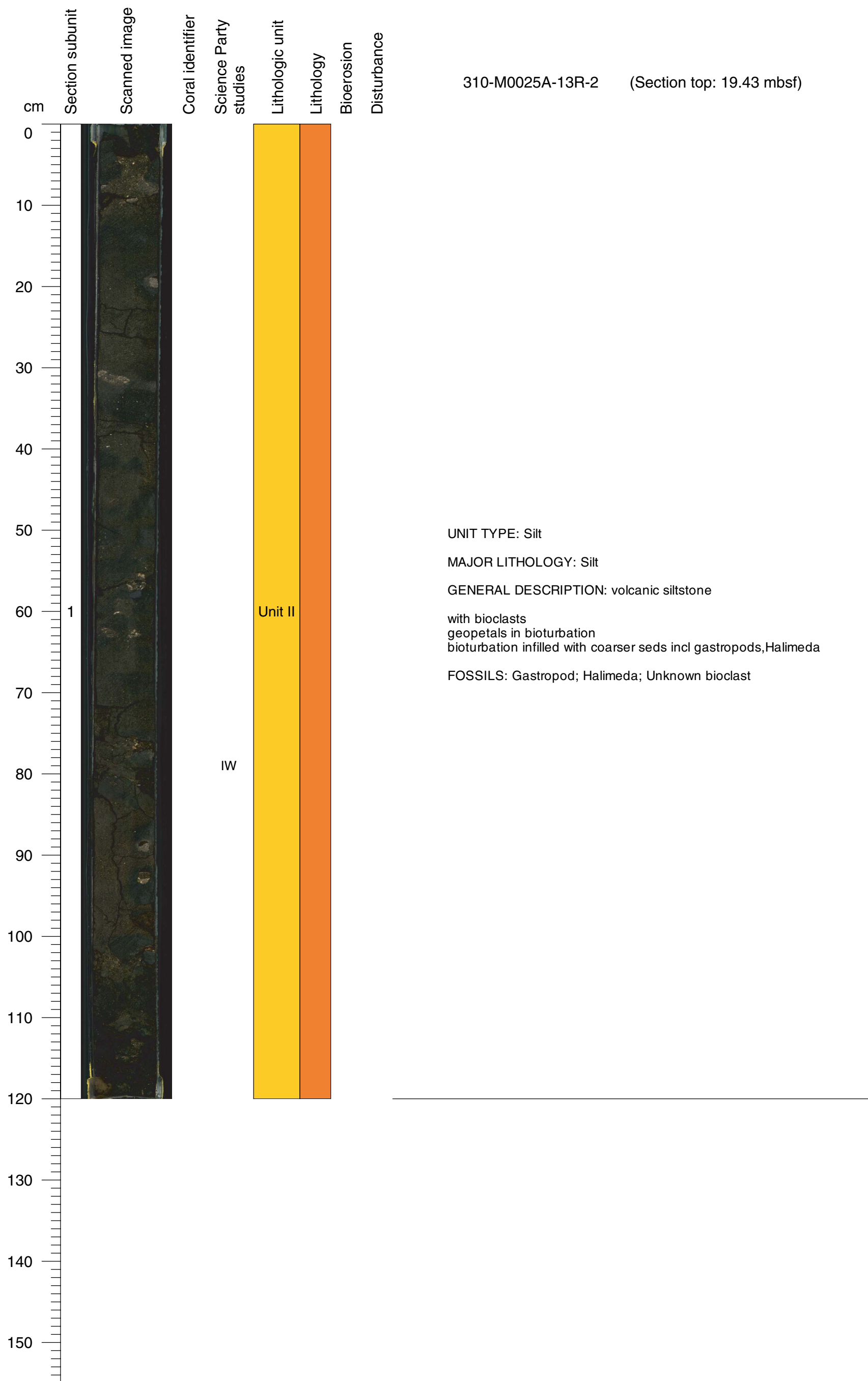
310-M0025A-12R-2 (Section top: 16.99 mbsf)



Core Photo



Core Photo



310-M0025A-13R-2 (Section top: 19.43 mbsf)

Unit II

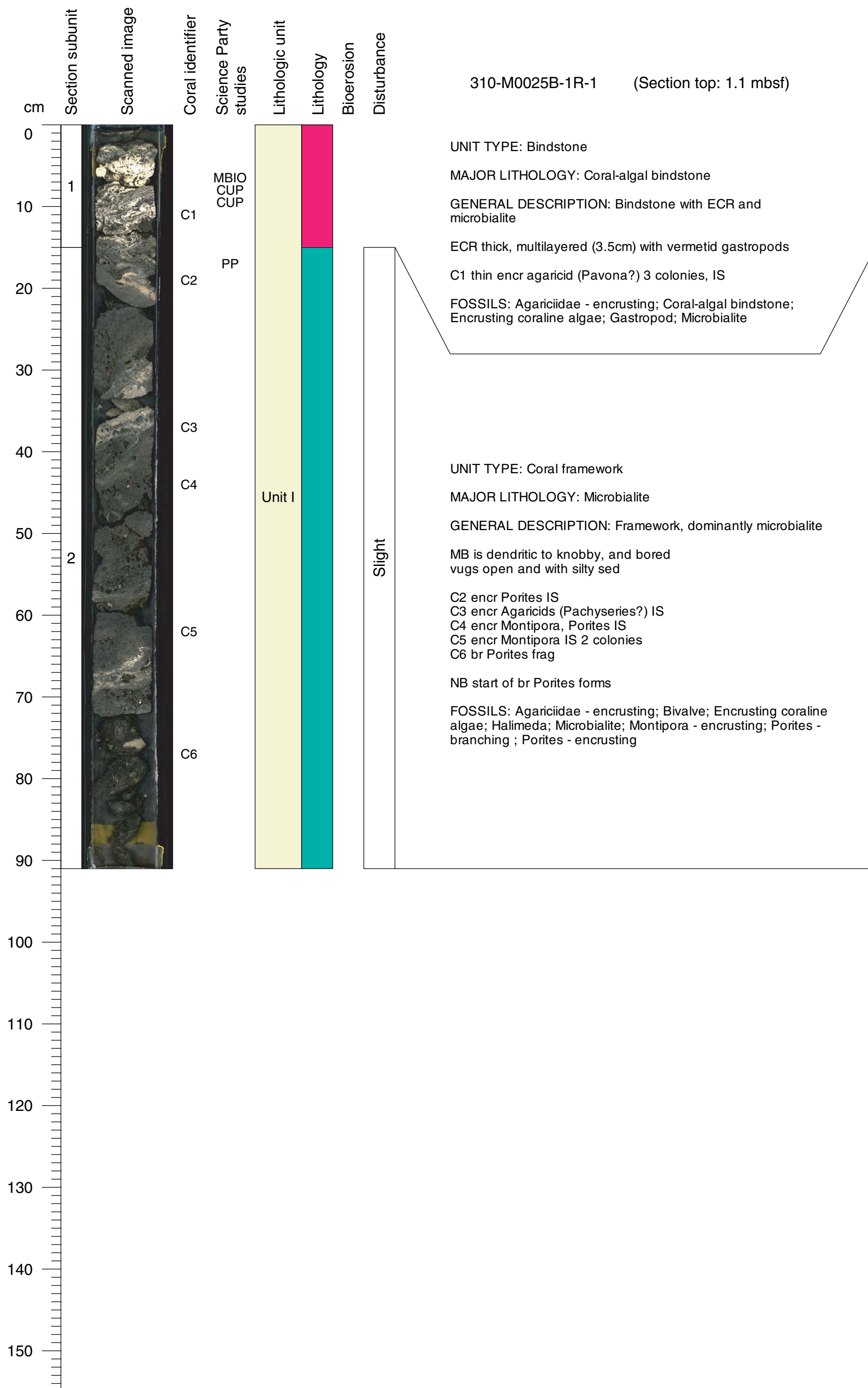
IW

UNIT TYPE: Silt
 MAJOR LITHOLOGY: Silt
 GENERAL DESCRIPTION: volcanic siltstone
 with bioclasts
 geopetals in bioturbation
 bioturbation infilled with coarser seds incl gastropods, Halimeda
 FOSSILS: Gastropod; Halimeda; Unknown bioclast



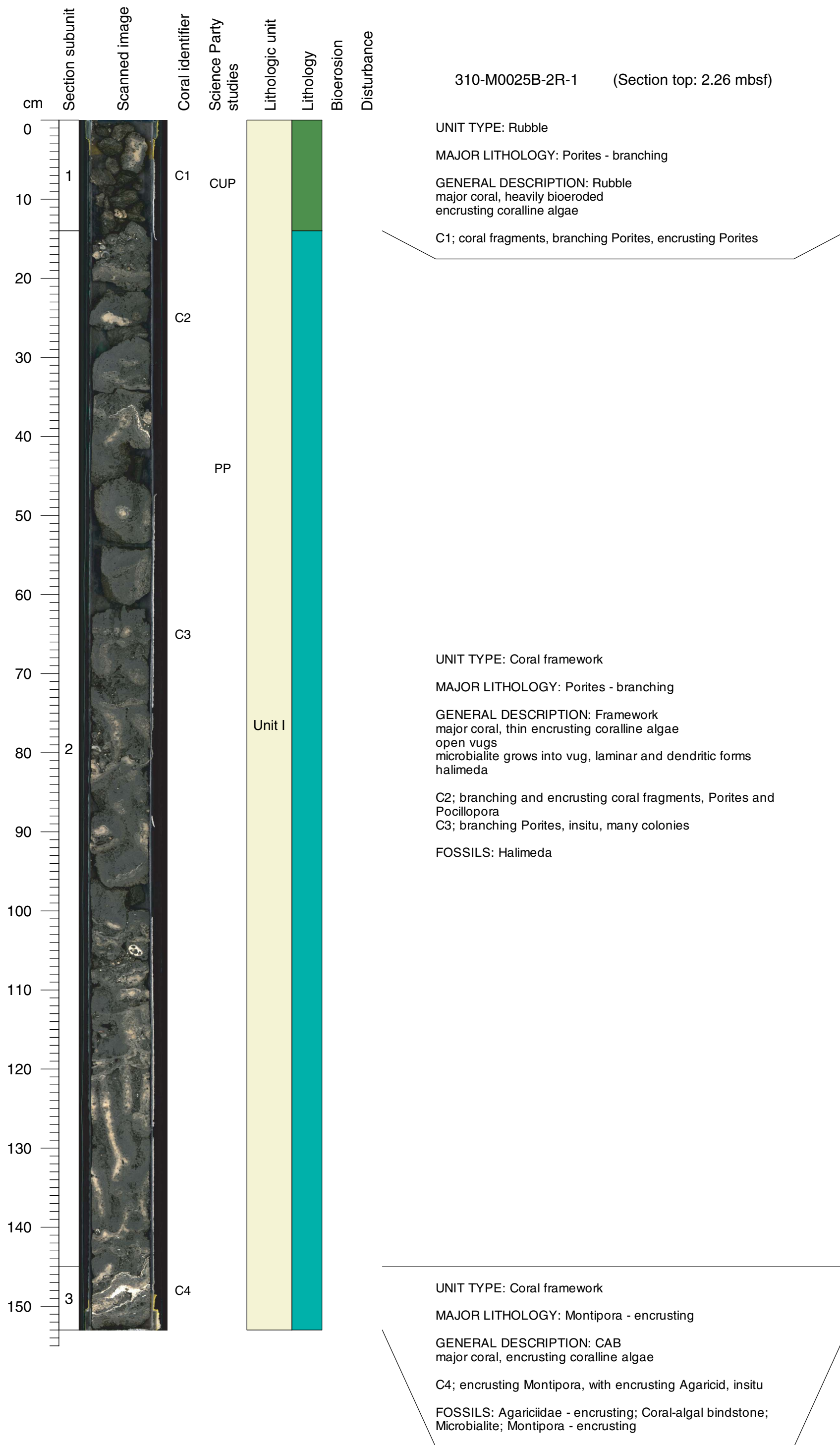
Core Photo

310-M0025B-1R-1 (Section top: 1.1 mbsf)

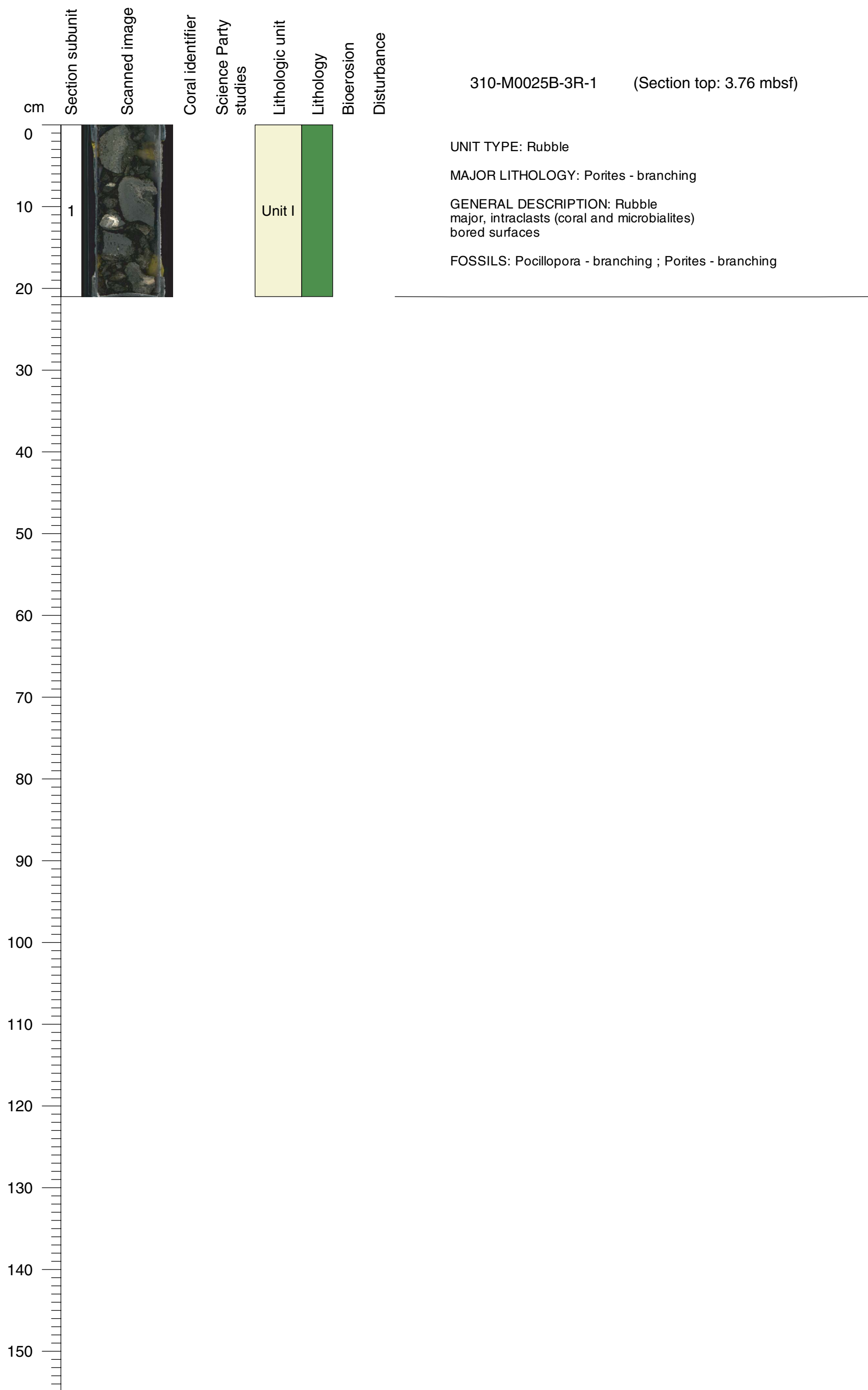


Core Photo

310-M0025B-2R-1 (Section top: 2.26 mbsf)



Core Photo



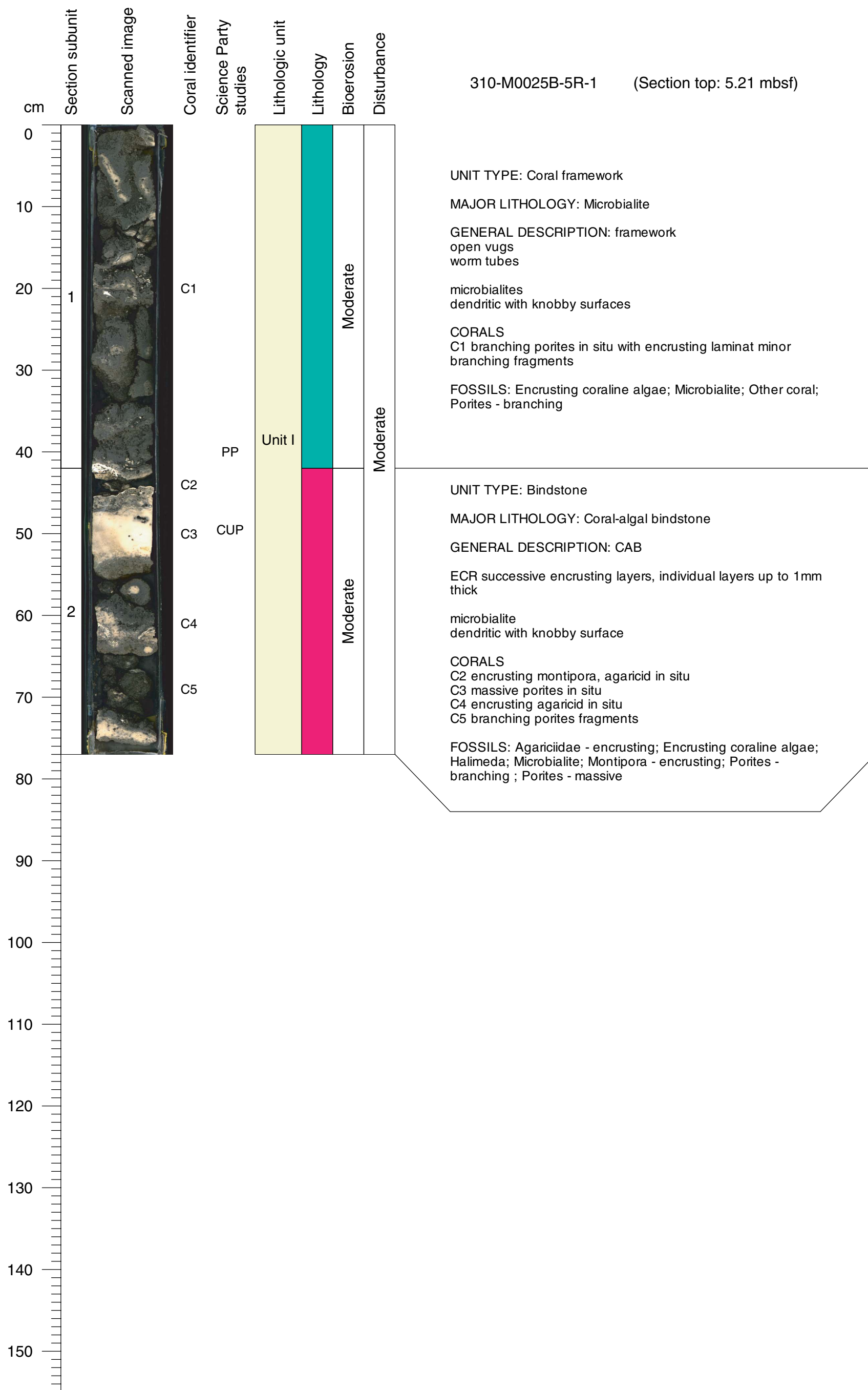
Core Photo

310-M0025B-4R-1 (Section top: 3.98 mbsf)



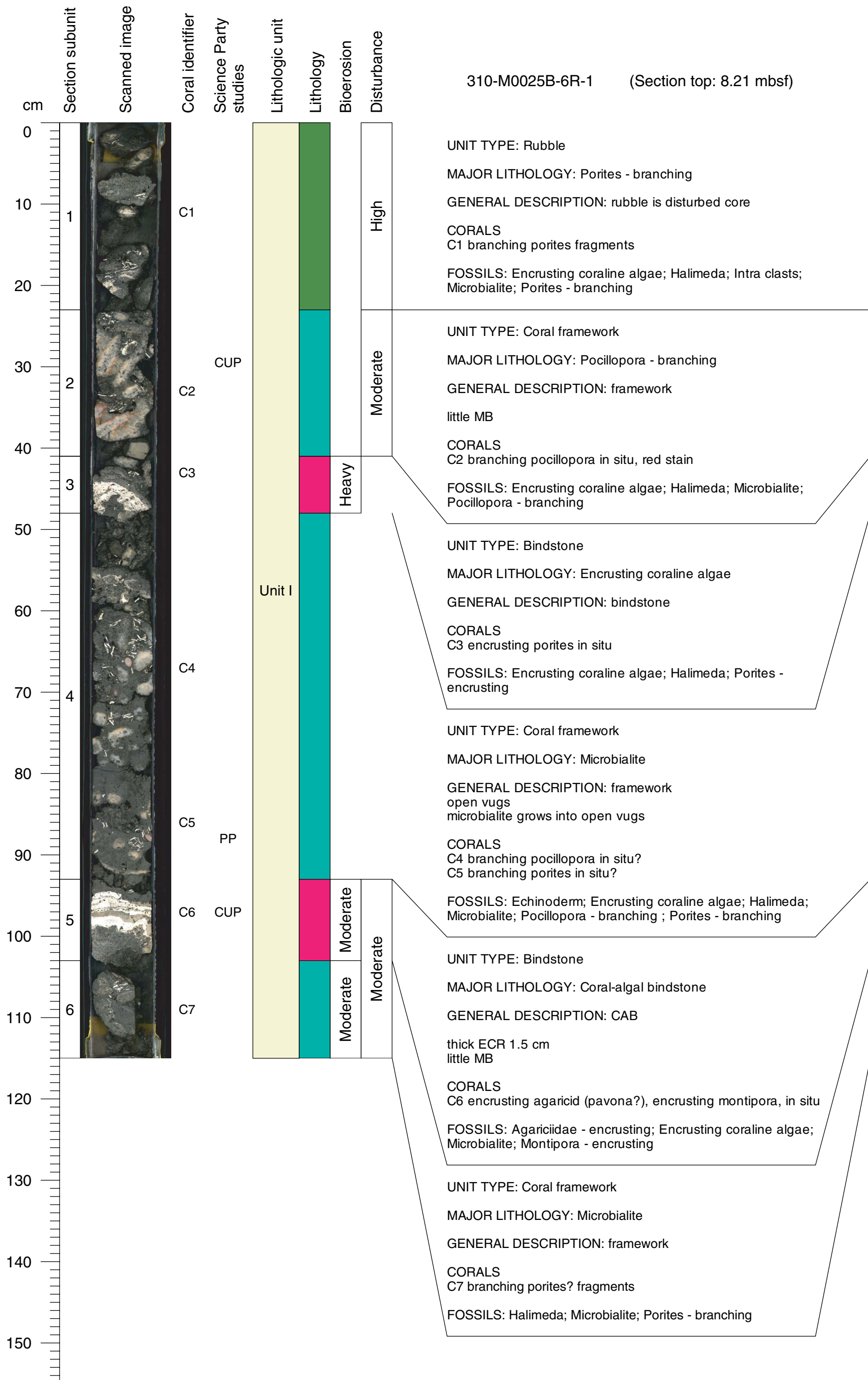
Core Photo

310-M0025B-5R-1 (Section top: 5.21 mbsf)



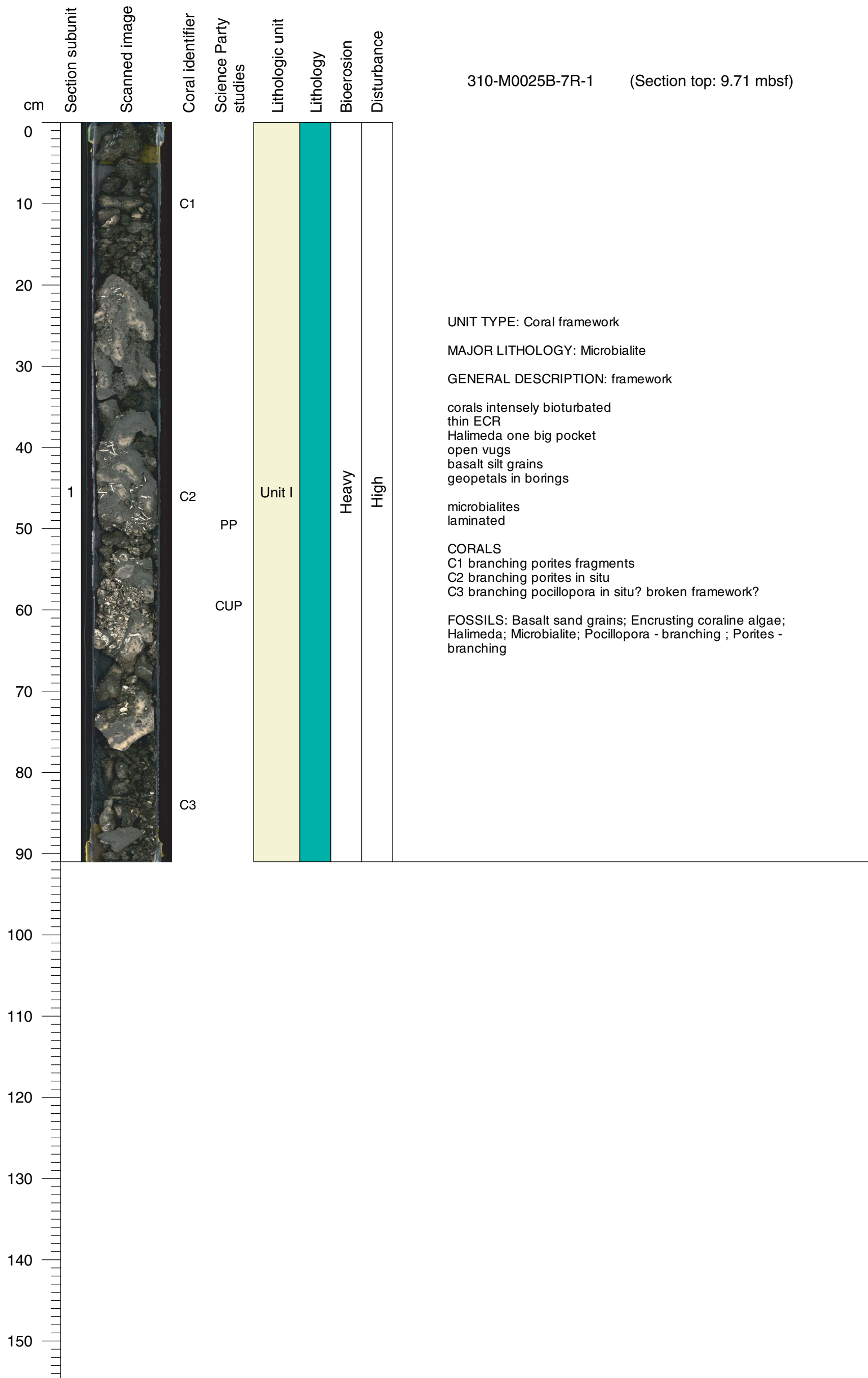
Core Photo

310-M0025B-6R-1 (Section top: 8.21 mbsf)



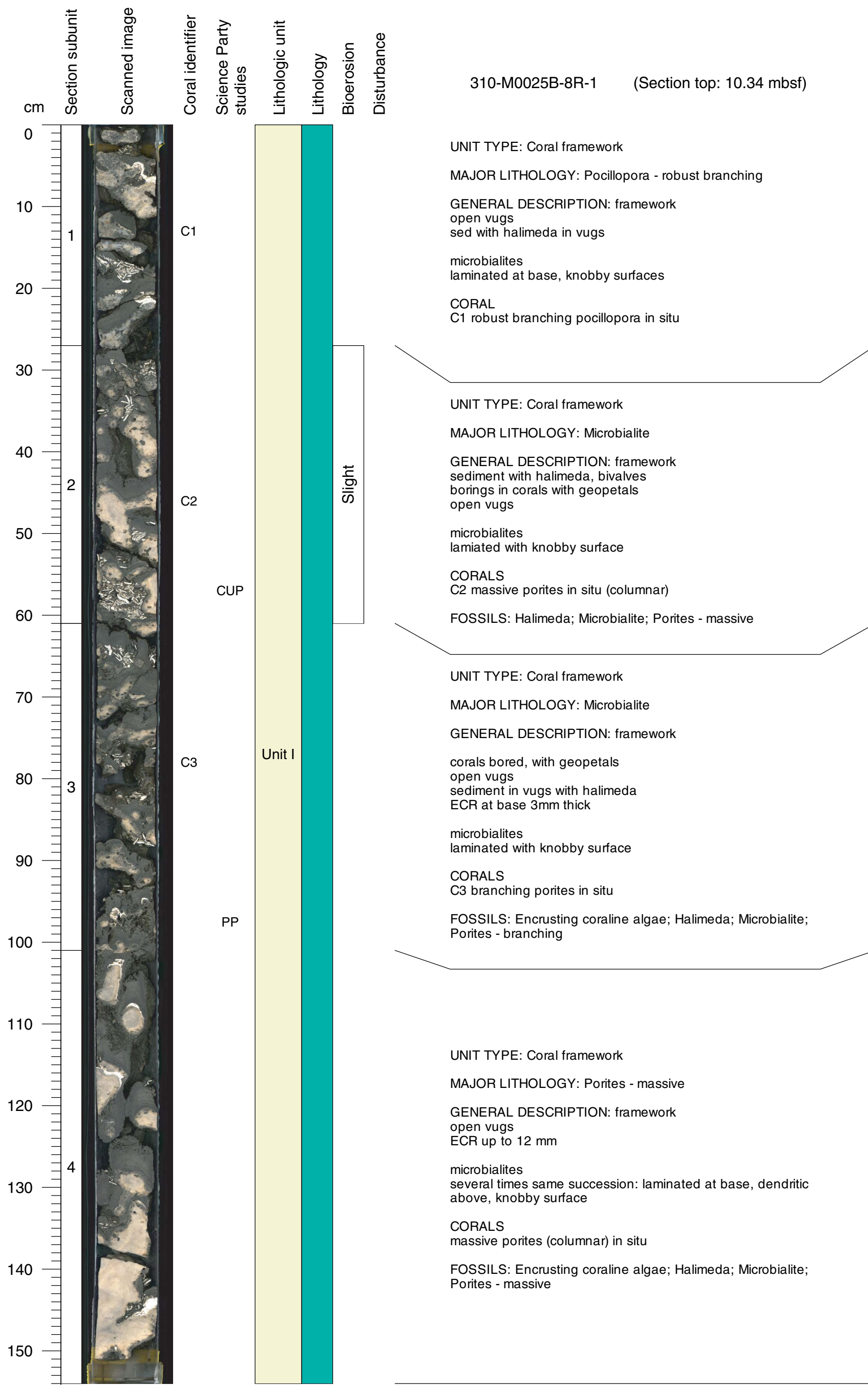
Core Photo

310-M0025B-7R-1 (Section top: 9.71 mbsf)

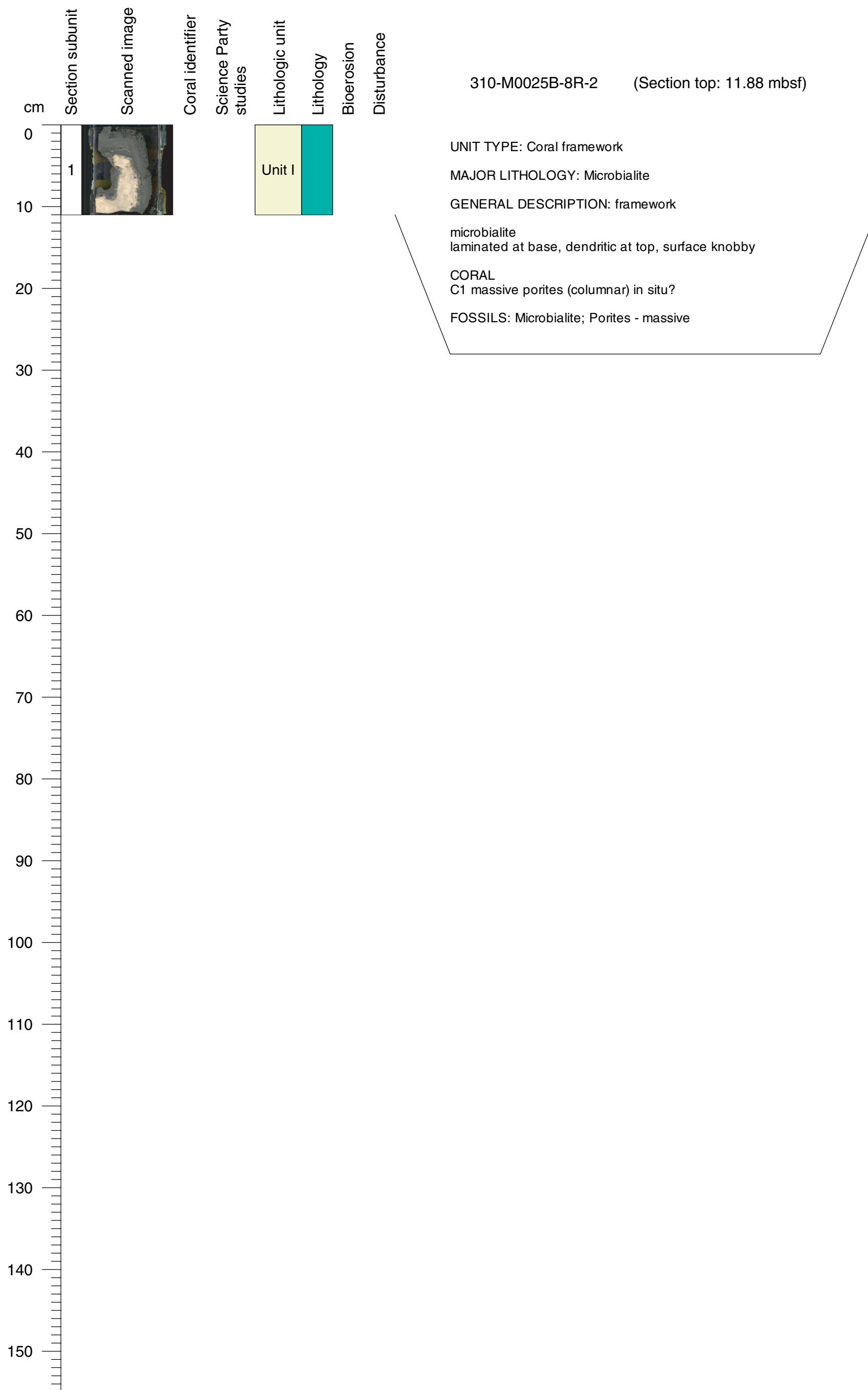


Core Photo

310-M0025B-8R-1 (Section top: 10.34 mbsf)

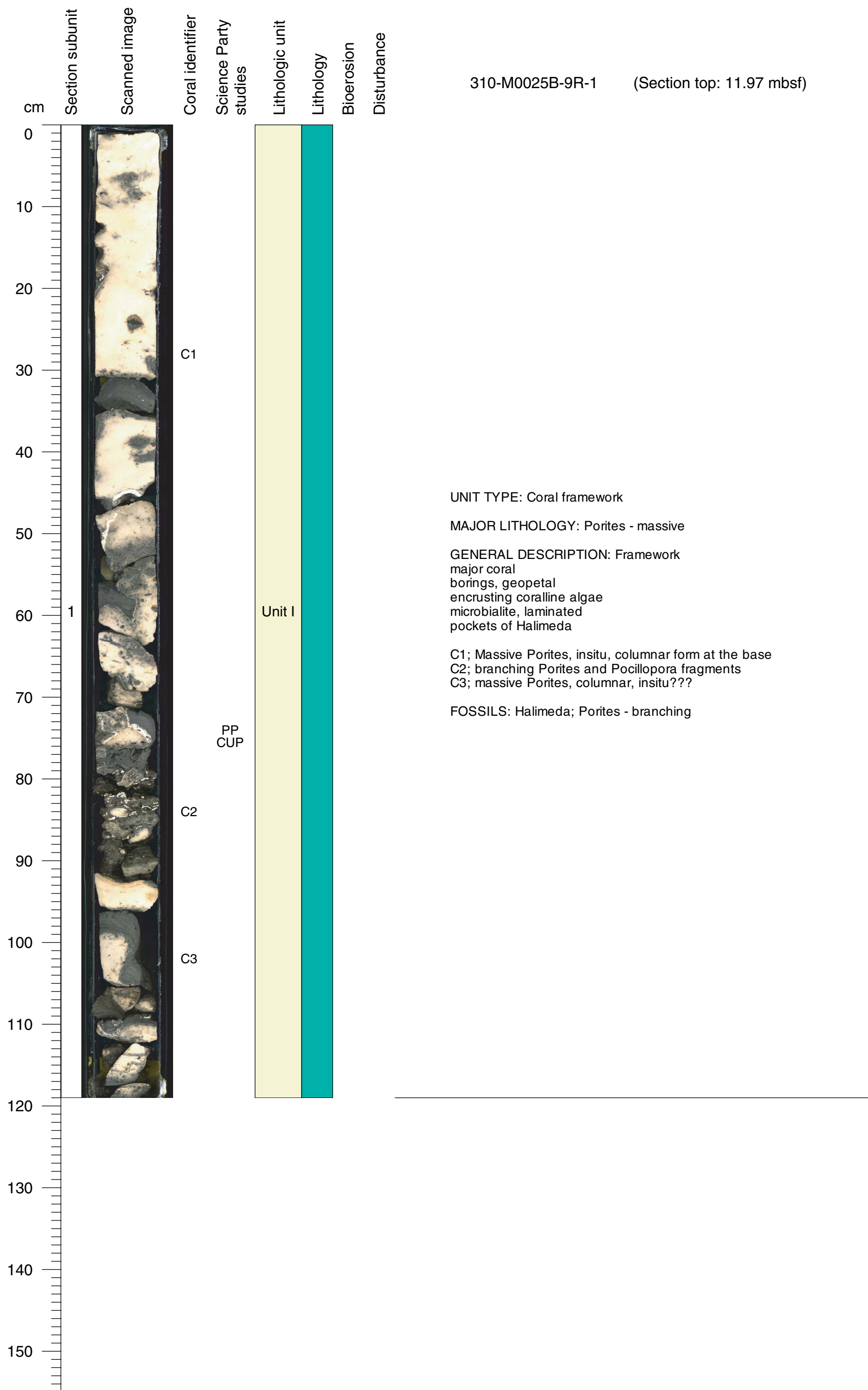


Core Photo



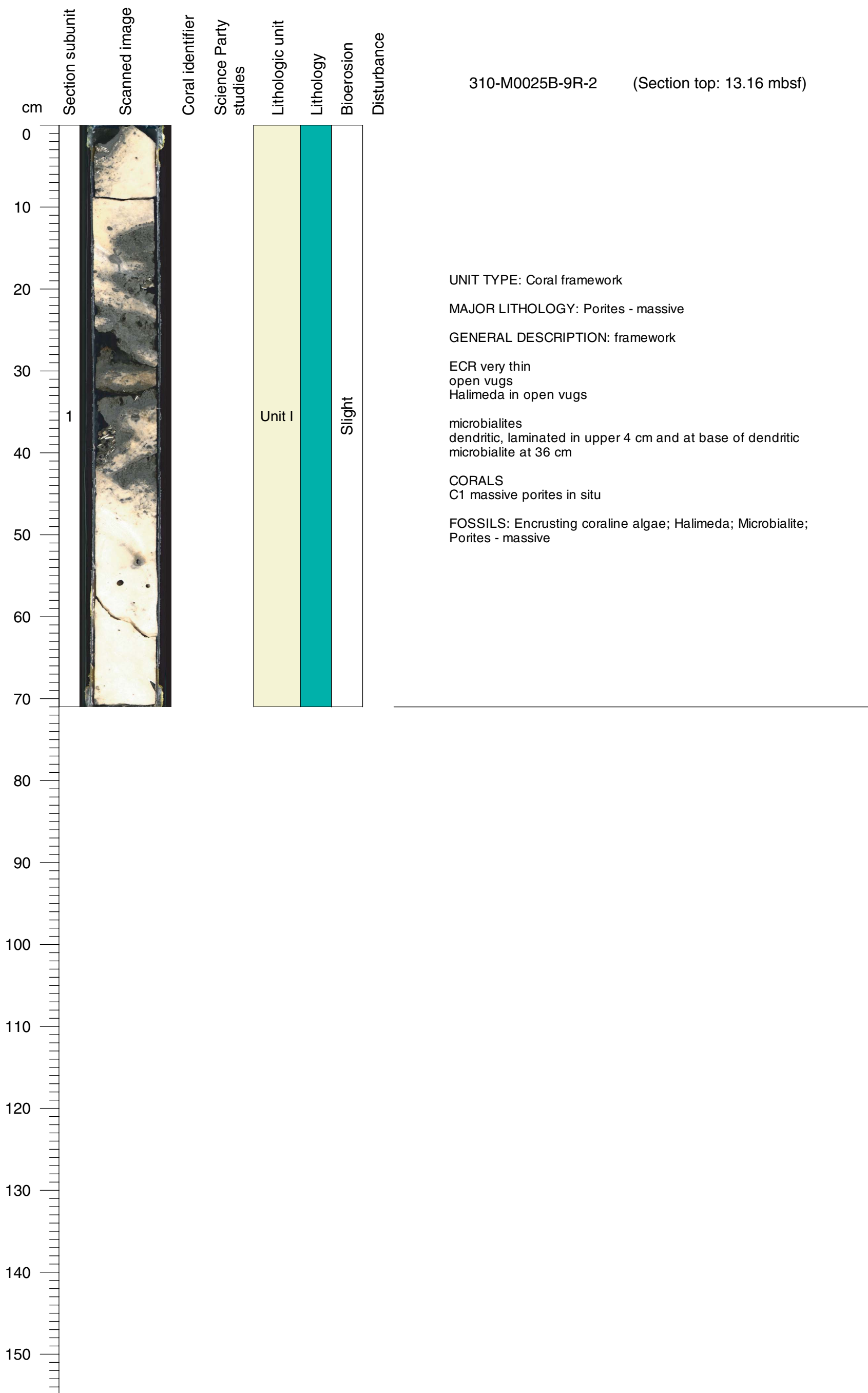
Core Photo

310-M0025B-9R-1 (Section top: 11.97 mbsf)



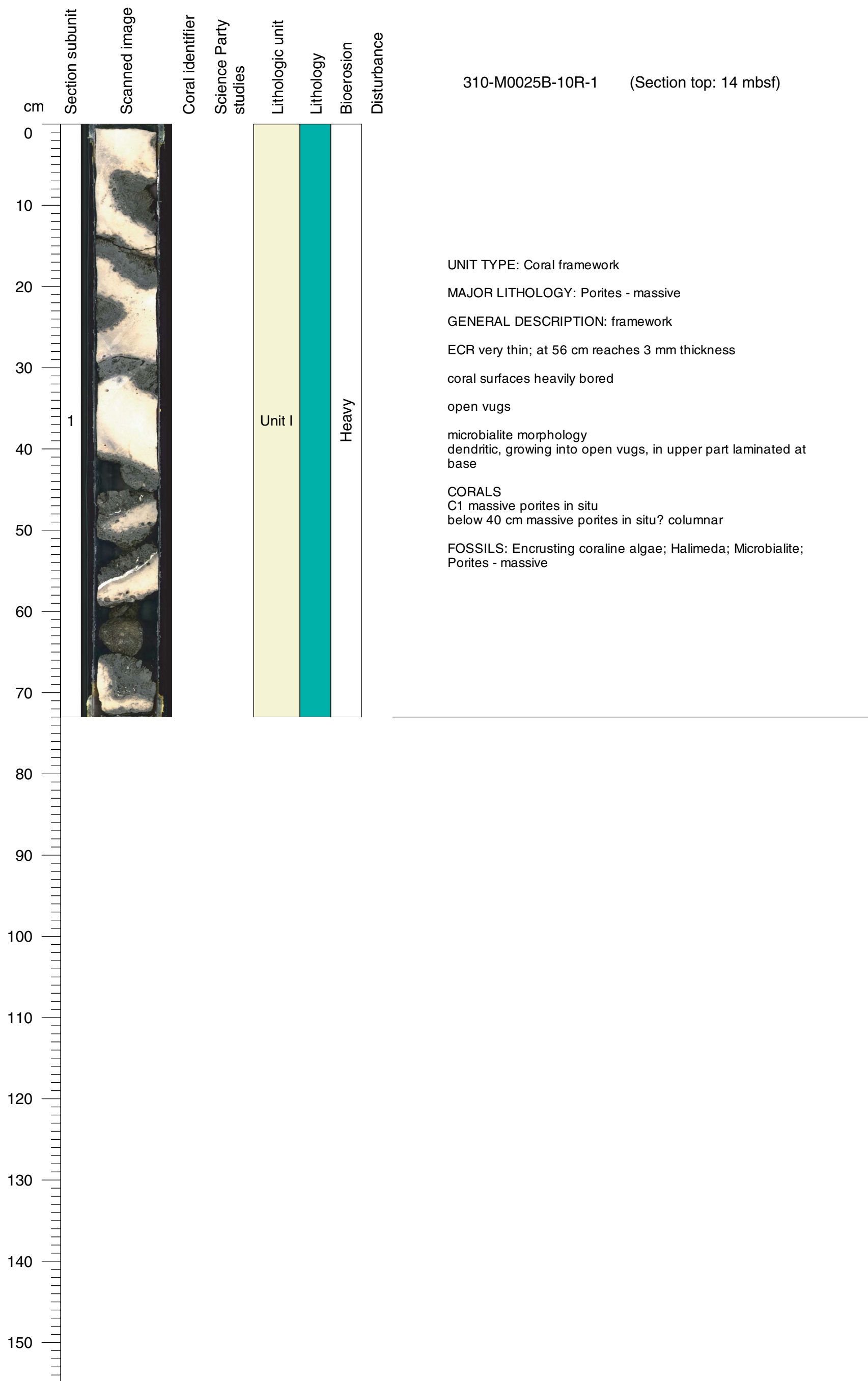
Core Photo

310-M0025B-9R-2 (Section top: 13.16 mbsf)



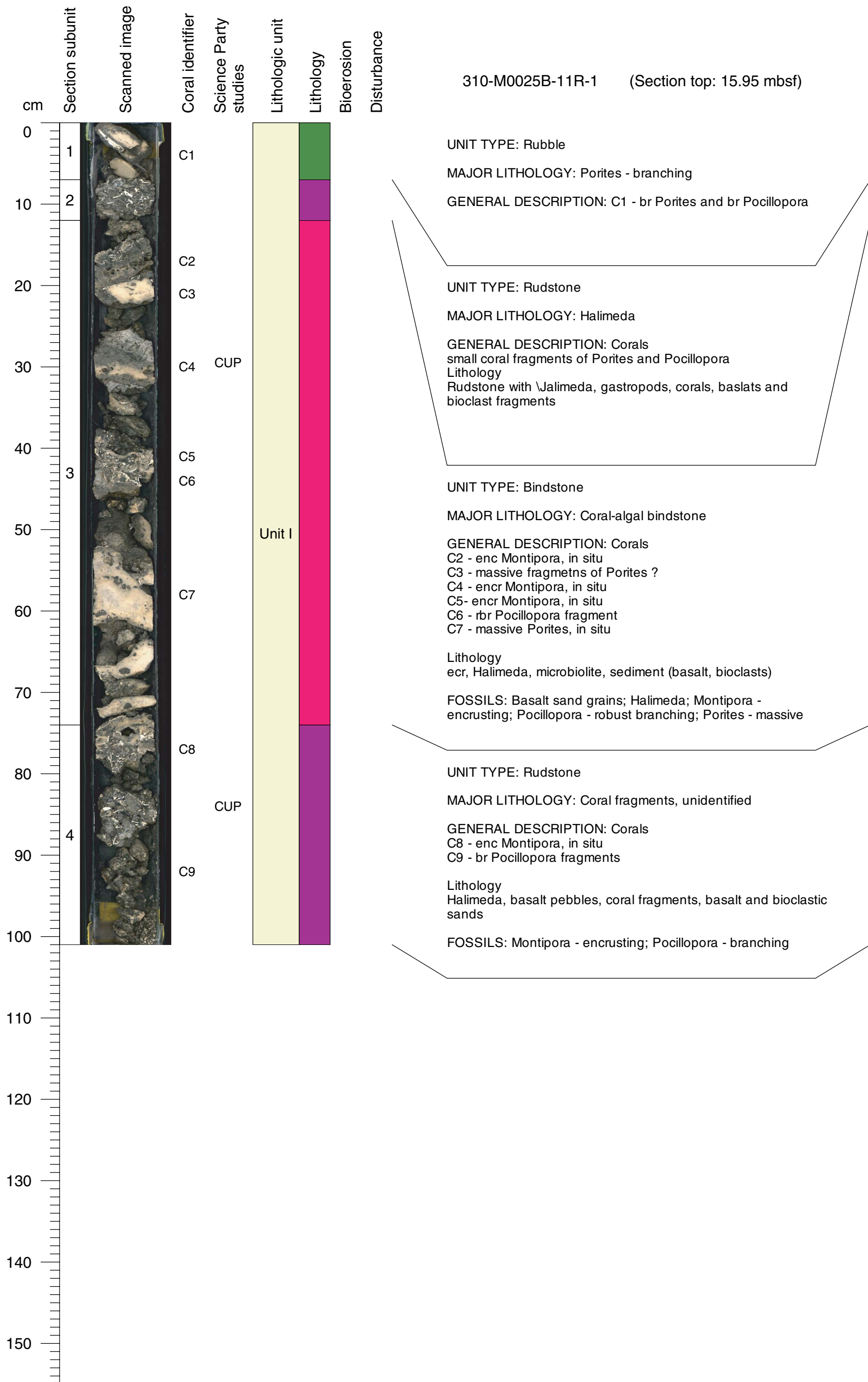
Core Photo

310-M0025B-10R-1 (Section top: 14 mbsf)



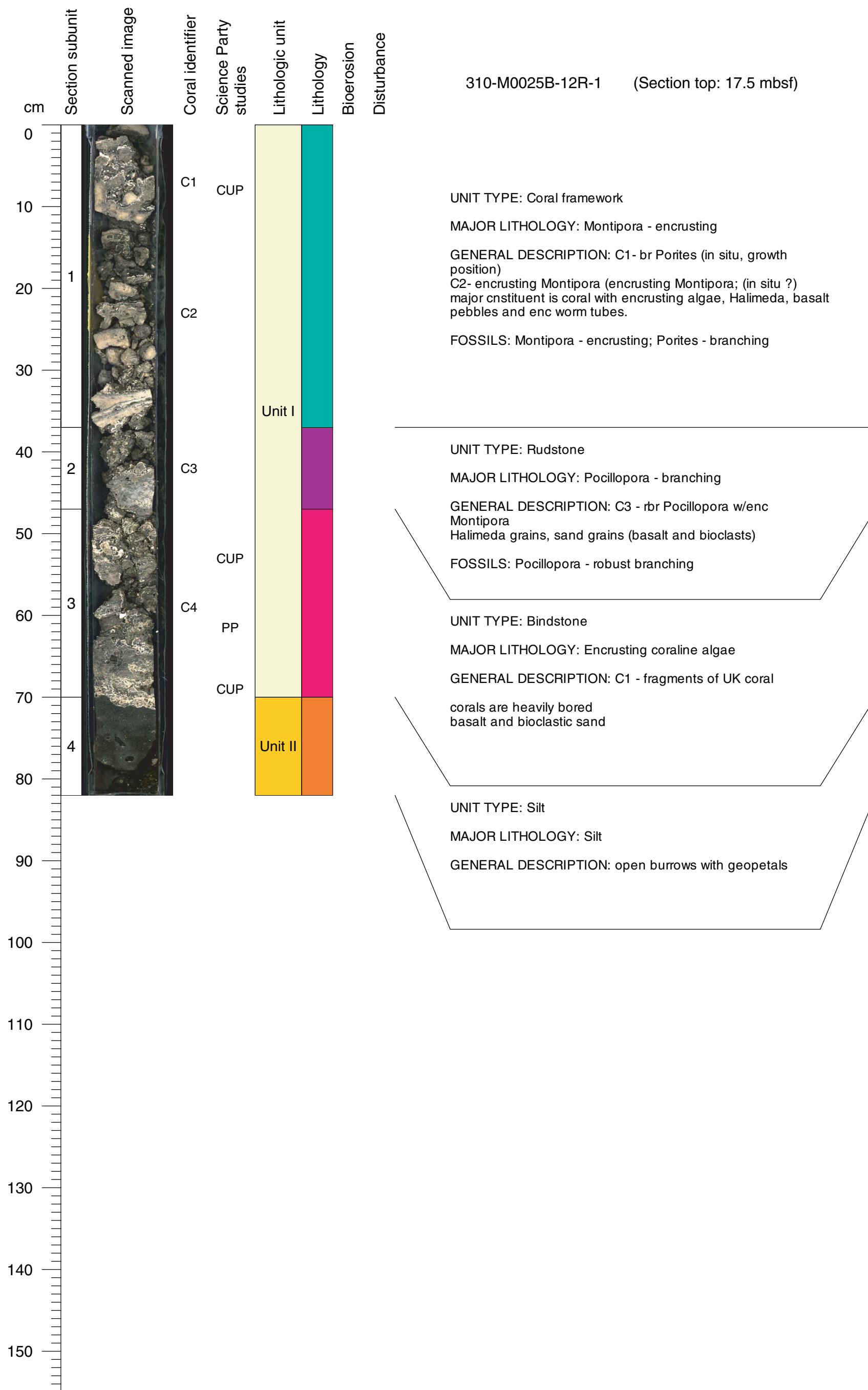
UNIT TYPE: Coral framework
 MAJOR LITHOLOGY: Porites - massive
 GENERAL DESCRIPTION: framework
 ECR very thin; at 56 cm reaches 3 mm thickness
 coral surfaces heavily bored
 open vugs
 microbialite morphology
 dendritic, growing into open vugs, in upper part laminated at base
 CORALS
 C1 massive porites in situ
 below 40 cm massive porites in situ? columnar
 FOSSILS: Encrusting coralline algae; Halimeda; Microbialite;
 Porites - massive

Core Photo



Core Photo

310-M0025B-12R-1 (Section top: 17.5 mbsf)

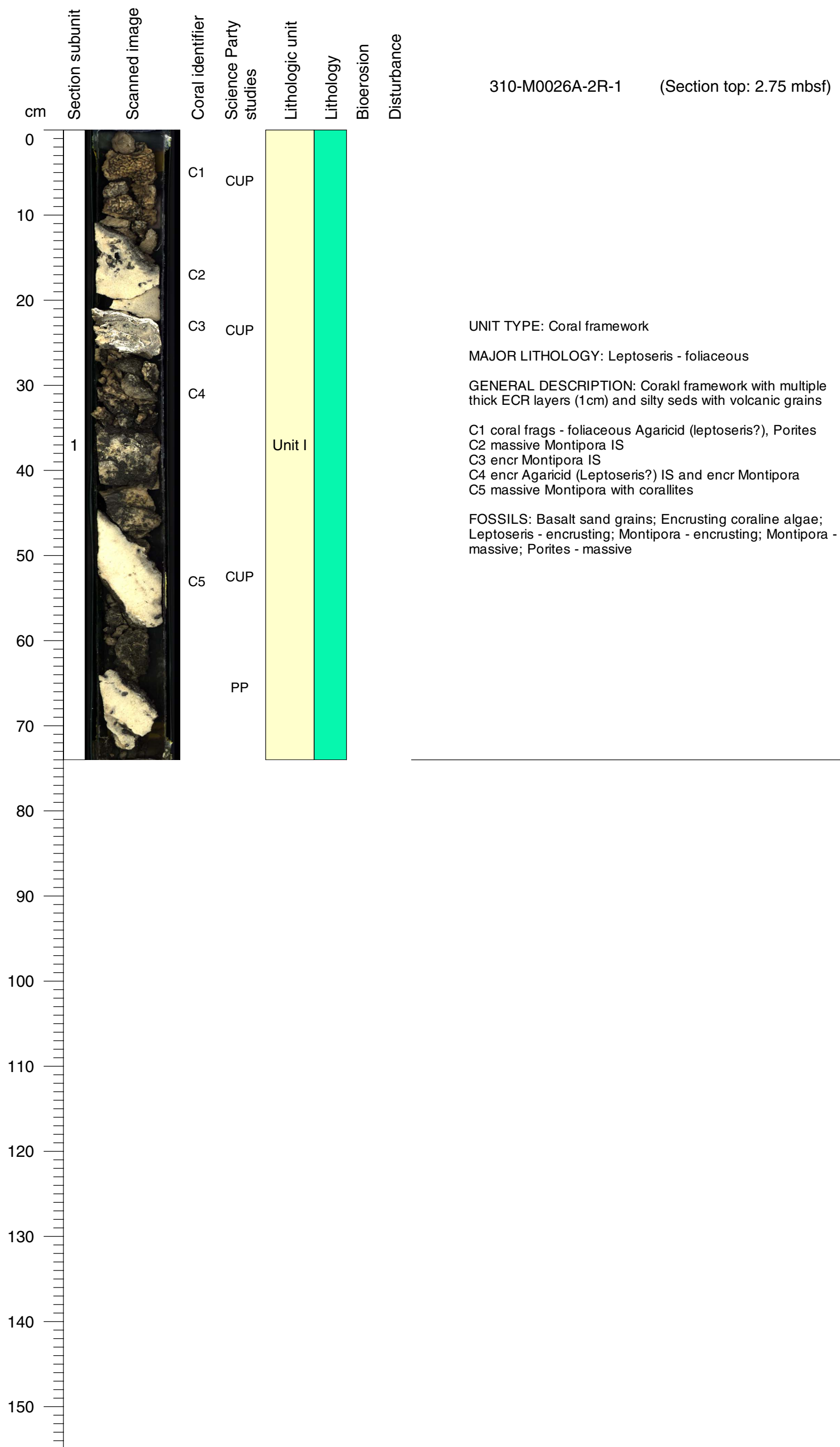


Core Photo



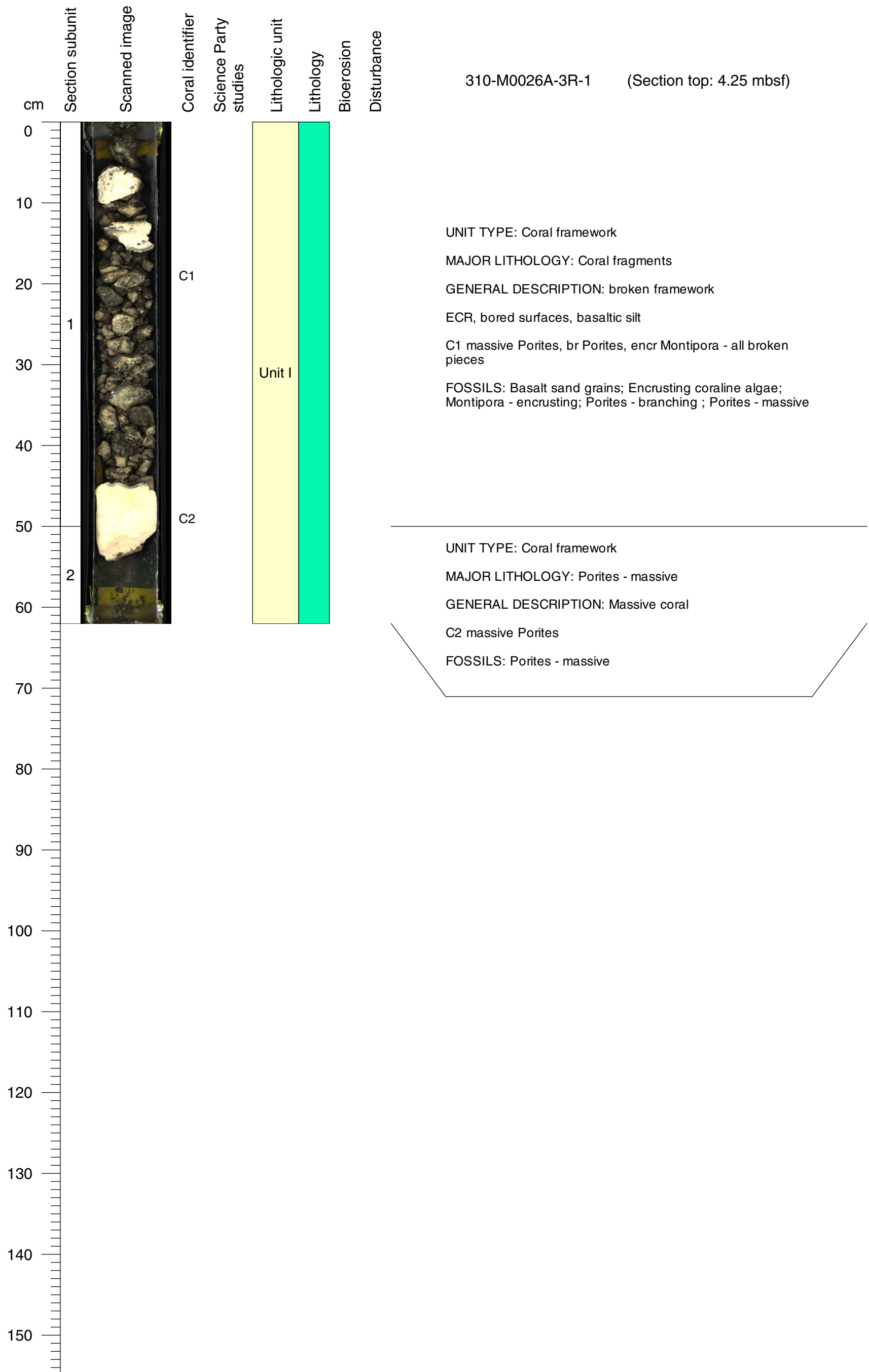
Core Photo

310-M0026A-2R-1 (Section top: 2.75 mbsf)



Core Photo

310-M0026A-3R-1 (Section top: 4.25 mbsf)

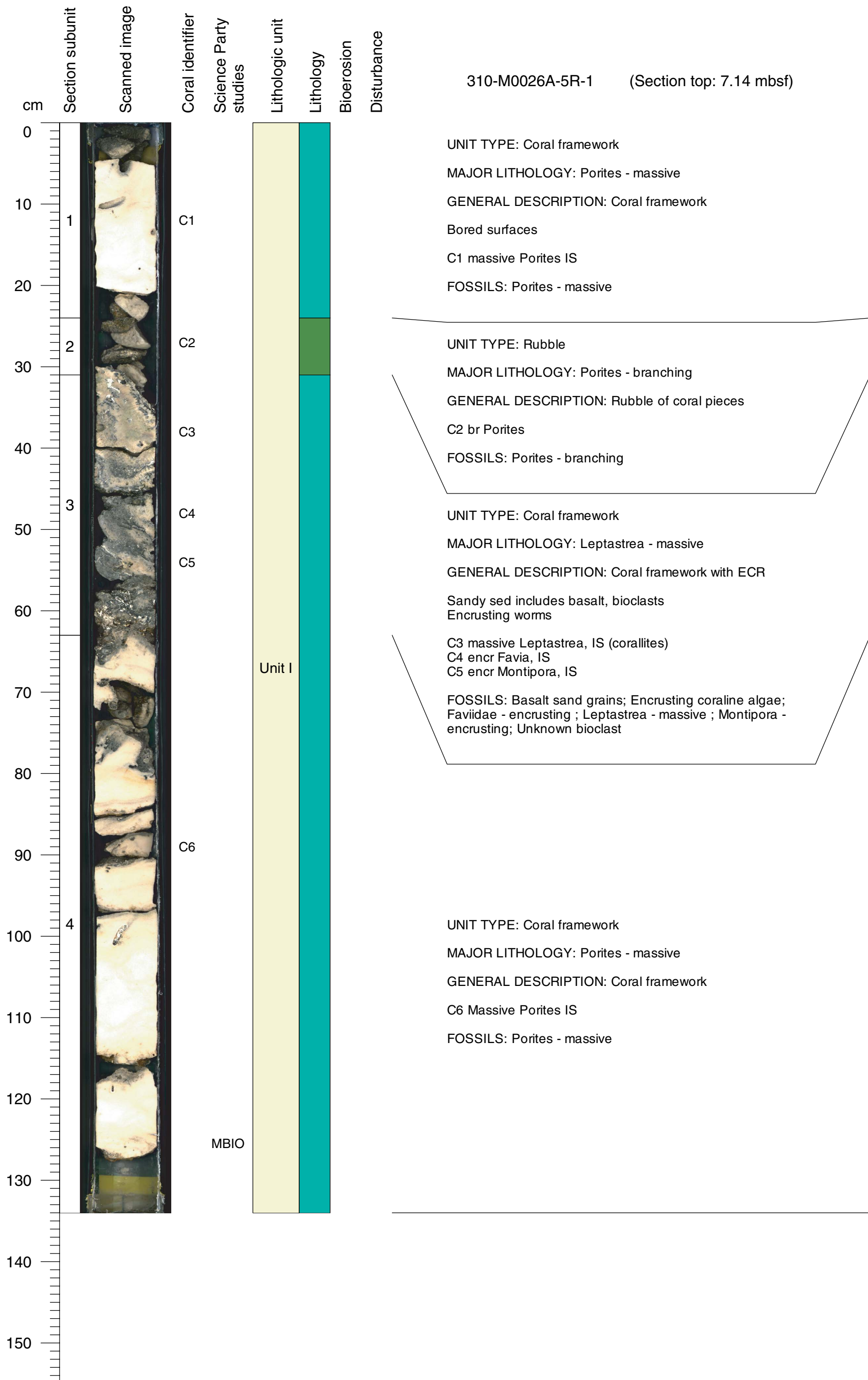


Core Photo



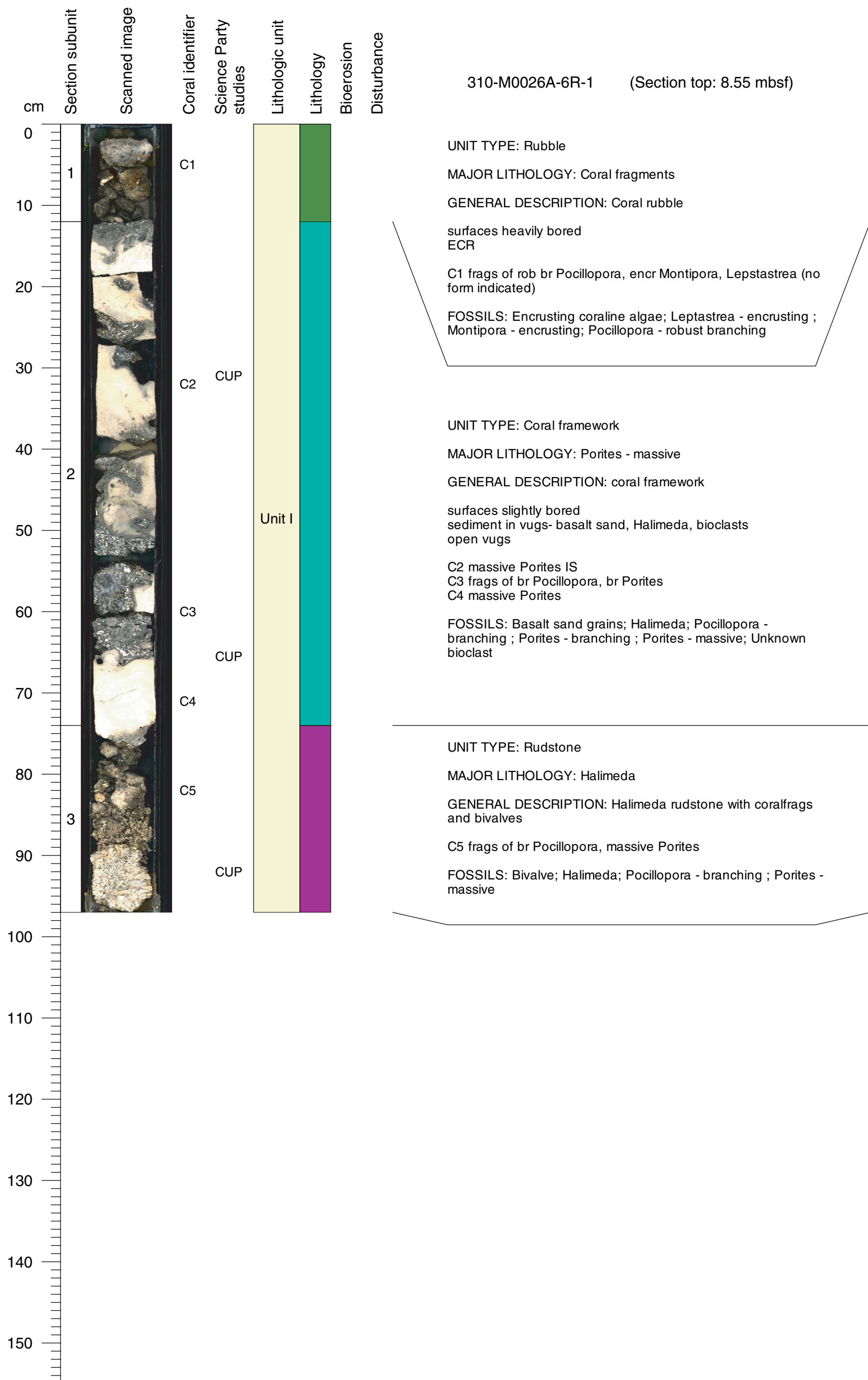
Core Photo

310-M0026A-5R-1 (Section top: 7.14 mbsf)



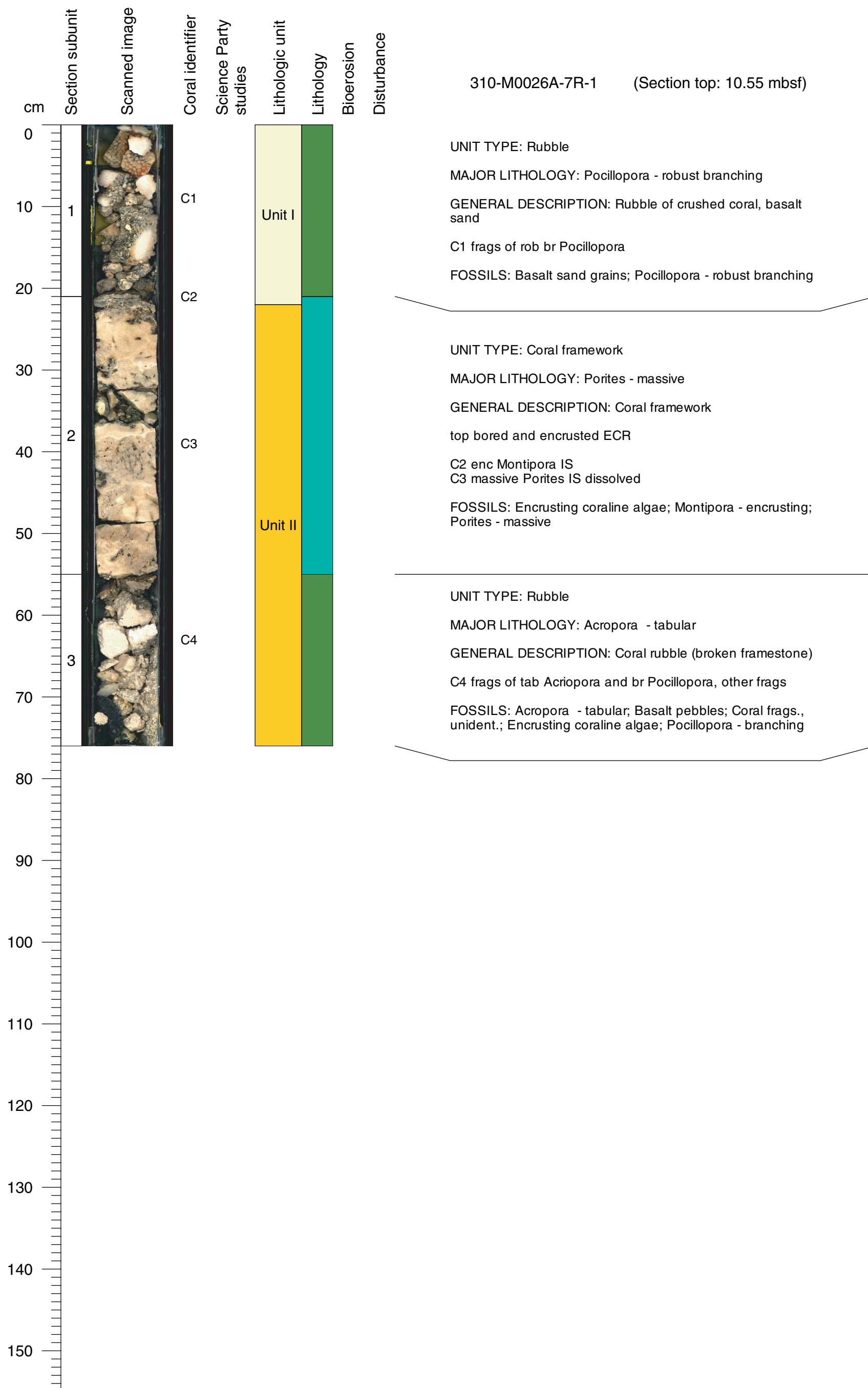
Core Photo

310-M0026A-6R-1 (Section top: 8.55 mbsf)



Core Photo

310-M0026A-7R-1 (Section top: 10.55 mbsf)



Core Photo

310-M0026A-8R-1 (Section top: 12.06 mbsf)

