Thin Section #	Interval	Rock name	Description
143	1069A-1R-1, 90-91 cm	Intraclast grainstone	Allochems and larger siliciclastic clasts up to to 0.6 mm. Quartz silt scattered throughout 2 mm thick lamina on one side of slide Quartz sand clasts are single crystals and polycrystalline; rare plagioclase Allochems: intraclasts (composite micritic, with skeletal fragments; planktonic and benthic forams, rare bivalve fragments and ostracods. Scattered echinoderm plates with syntaxial overgrowths. Trace pelite clasts and larger quartz clasts partially coated with micrite.
144	1069A-1R-3, 79-82 cm	Calcareous sandstone	<0.15 mm. Quartz predominates. Also peloids, skeletal debris (including echinoderm plates); much of calcite cement is overgrowths over skeltal debris
145	1069A-2R-2, 81-83 cm	Silty/sandy foram chalk	Broken and whole planktic forams up to 0.3 mm. Quartz: silt/fine sand Allochems: some micritized peloids, benthic forams. Microspar cement. Laminae containing lenticles (~1.0 X 0.15 mm) of brown clay: burrows or clasts? (more likely the former). Some laminae quartz rich with only a few allochems. trace of rounded green grains (0.3 mm), possibly glauconite.
146	1069A-3R-CC, 11-14 cm	Foram chalk overlain by claystone	Broken and intact planktic forams <0.4 mm, set in a micrite matrix. 1.0 X 0.1 mm); trace fish scales.
147	1069A-4R-1, 133-5 cm	Laminated calcareous sandstone and silty claystone	Siltstone: calc. micropsar + micrite matrix; quartz clasts predominate, trace mica flakes up to 0.6 mm long. Rare forams debris. Claystone: some pseudo-optical continuity' visible; common quartz silt, trace forams
148	1069A-4R-2, 135-6 cm	Calc. sandstone	Coarse sand sized (1-3 mm) quartz (subrounded/subangular, single and polycrystalline clasts showing shadow extinction) set in a 'matrix' of calcareous medium to fine grained calc. sandstone: angular to subangular quartz clasts, and allochems (peloids, intraclasts, skeletal fragments with thick micrite envelopes, calc. chalk clast. echinoid plates with syntaxial overgrowths.
149	1068A-7R-2, 82-5 cm		**Misplaced froM 1068A and relabelled #86 (see Site 1068 description).**
150	1069A-7R-5, 35-38 cm	Peloidal/foram grainstone	0.15-0.7 mm. Peloids, coated skeltal debris, quartz, planktic and benthic forams, /ostracods, calcite spar cement
151	1069A-8R-3, 118-121 cm	Intraclast/ lithoclast grainstone	Bad TS, many holes - possibly some due to original porosity. Grain size up to 1.5 mm; angular subangular qtz up to 1.0mm. Carbonate clasts: intraclasts, peloidal grainstones, echinoid plates and spines (with syntaxial cement rims), bivalve debris. Trace clasts: ?chalk, ?dolomite microspar. Very well compacted: slight intergrain solution.
152	1069A-4R-4/CC, 12-14 cm	Calcareous sandstone	V. angular - angular quartz clasts, peloids, planktonic foram. debris and other skeletal debris, especially echinoderm plates. Grain size < 0.15 mm.
153	1069A-9R-3, 81-86 cm	Calc. siltstone to peloidal foram. grainstone	Siltstone similar to thin section #152. Grainstone: <0.15 mm. calcite cemented v. angular to angular quartz, peloids, pelagic forams (largely intact), other skeltal debris, including echinoderm plates.
154	1069A-9R-3, 86-90 cm	Silty claystone	Lenticular areas of claystone (~0.5-0.7 mm X 0.15 mm) showing different shades of light brown. Rare quartz silt <0.15 mm, trace mica and forams.
155	1069A-10R-4, 137-140 cm	Silty foram packstone	Same as thin section #158, but some laminae contain are calc. siltstone
156	1069A-10R-5, 66-69 cm	Foram peloidal grainstone	With lithoclasts of foram chalk and other bioclasts including echinoderm plates. Grain size: ~0.3 mm; lithoclasts up to 1.5 mm. Sparite cement.
157	1069A-10R-8, 14-18 cm	Peloidal sandy packstone	Peloids and common quartz: <0.8 mm. Trace planktonic forams, rare mica

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158	1069A-11R-1, 41-44 cm	Foram chalk	Foram packstone: microspar/micritic matrix. Forams <0.1 mm; common peloids and skeltal debris (some echinoderm plates)
162	1069A-12R-2, 124-128 cm	Silty peloidal foram. packstone	~0.15 mm peloids and forams, common ?glauconite, microspar matrix
163	1069A-12R-2, 130-134 cm	Foram packstone	Forams (0.05-0.1 mm) in matrix of microspar. Trace of muscovite, even rarer biotite and green 'mica'.
164	1069A-12R-6, 11-14 cm	V. coarse calc. lithic sst/ conglomerate	Clasts 1-4 mm; pelites, one biotite hornfels, cryptalgal and peloidal limestones. Very well compacted; some calcite cement visible with broken forams/. [poor TS]
165	1069A-13R-2, 50-54 cm	Lithic (limestone) conglomerate	Limestone clasts (cryptalgal textures, coated grains, peloidal grainstones, One solitary coral. Sparite cement containing broken and whole planktic forams, and trace benthics.
166	1069A-14R-4, 133-6 cm	Coarse calcareous lithic sandstone	V. coarse sand to granule grain size. About one third of clasts are quartz (single and polycrystalline clasts, shadow extinction) and feldspar (quartz dominates). Limestone clasts mostly cryptalgal micrite: rare coated grains and grainstone, skeletal debris including echinoid plates. Sparite cement, often containing planktonic forams.
167	1069A-15R-3, 44-48 cm	Peloidal sandy packstone	Same as thin section #157
168	1069A-15R-4, 17-21 cm	Calcareous sandstone	Poorly sorted quartz and rare feldspar and pelite clasts; most <0.5 mm, rare ~1.0 mm. Rare peloids and skeletal debris. Trace planktonic forams. Sparite cement.
169	1069A-15R-4, 38-42 cm	Coarse calcareous arkosic sandstone	Poorly sorted, possibly bimodal: 0.5 and 1.5 mm. Single and polycrystalline angular/subangular quartz, rounded feldspar. Micritic/cryptalgal limestone and pelite clasts. Coarse calcite cement. Trace forams.
170	1069A-16R-CC, 2-5 cm	Boundstone	Variety of cryptalgal textures and encrusting organisms; internal peloidal sediment.

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164	1069A-12R-6, 11-14 cm	V. coarse calc. lithic sst/ conglomerate	Clasts 1-4 mm; pelites, one biotite hornfels, cryptalgal and peloidal limestones. Very well compacted; some calcite cement visible with broken forams/. [poor TS]
165	1069A-13R-2, 50-54 cm	Lithic (limestone) conglomerate	Limestone clasts (cryptalgal textures, coated grains, peloidal grainstones, One solitary coral. Sparite cement containing broken and whole planktic forams, and trace benthics.
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