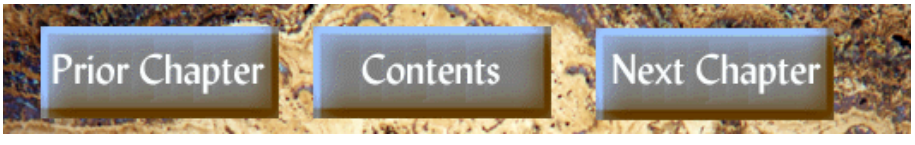
Thin section #	Interval	Rock name	Description
72	1068A-2R-2, 103-6 cm	Calcareous siltstone with mica	Quartz clasts <0.1 mm; muscovite flakes up to 0.5mm long; scattered peloids. Mostly cemented by calcite microspar, with rare overgrowths over echinoderm fragments; some laminae have micrite matrix.
73	1068A-2R-4, 125-8 cm	Silty claystone	Quartz clasts <0.05 mm; scattered mica flakes and opaques (mostly plant debris). Matrx support, micrite and partial pseudo-optically continuous phyllosilicate clay
74	1068A-2R-4, 131-4 cm	Silty limestone	Thick slide. Microspar with scattered quartz silt
75	1068A-3R-7, 20-3 cm	Foram. sand/ calc. claystone/ claystone	Laminae of foram. sand and claystone (pseudo-optically continuous) up to 10 mm thick. Quartz silt/sand rare, trace of muscovite. Clay rich laminae compacted without breaking forams. Overlain by 8mm calc. claystone with burrow fills of claystone; top of slide is claystone
76	1068A-4R-2, 137-40 cm	Calc. siltstone/ silty limestone	Similar to 81. Laminae of quartz silt in microspar and micrite with scattered quartz, plus rare mica.
77	1068A-4R-6, 36-40 cm	Calcareous siltstone	Laminated: spar and micrite. Quartz, mica, peloids, foram debris
78	1068A-5R-1, 4-6 cm	Calc. claystone/ claystone	Red brown pseudo-optically continuous claystone, and less oriented calc claystone mixed by burrowing. Some lenses of quartz silt.
79	1068A-5R-3, 72-5 cm	F.g. micaceous calc. sandstone	Angular quartz (0.1-0.2 mm), moderately well sorted, trace mica, common feldspar often altered to cloudy grains in ppl. Rare peloids in parts of section. Well compacted but no grain contact solution; remaining porosity filled with calcite spar.
80	1068A-5R-5, 72-5 cm	Calcareous siltstone	Quartz <0.1 mm, mica <0.5 mm. Rare biotite and opaque minerals; microspar cement
81	1068A-6R-4, 17-20 cm	Calc. sandy/ silty claystone	Quartz <0.2 mm, mica <0.5 mm; trace peloids; rare forams Matrix is clay minerals and micrite
82	1068A-6R-5, 1-5 cm	Brown claystone	Orange brown optically pseudo continuous clay; silt laminae with trace mica.
83	1068A-6R-6, 31-4 cm	Laminated calcareous sandstone	Laminae 0.5-3 mm thick of alternating fine grained quartz sand and clay (pseudo-optically continuous). Clay laminae contain angular quartz. Sand laminae contain angular quartz
84	1068A-8R-6, 140-5 cm	4 Claystone 3 Calc. claystone 2 Foram packst.	pseudo-optical continuity in large burrow fills only v.f.g, no clay mineral orientation; scattered quartz and calcite silt (0.02 mm) Planktonic foram debris (<0.1 mm) in micrite matrix; top is interlaminated with 3; rare fish scales



		1 Lithoclast foram. sst	Coarse to very coarse sand with clasts of meta-arenite, pelite, large benthic forams (some almost totally micritized), few planktonic forams. Matrix of microspar and laminae of oriented brown clay, possibly burrow.
85	1068A-8R-7, 61-3 cm	Skeletal intraclastic grainstone	Coarse to very coarse grained: allochems: forams, echinoderms, micritized skeltal material, lithoclasts of peloidal packstone and micrite (algal material?). Granular sparite cement; optical continuity with echinoderms
86 remade as TS 149 re-labelled 86	1068A-7R-2, 82-84 cm	In core: dark brown to orange cross lam. sst.	Bad slide: most material probably ripped away Irregular 'clasts' ~0.07 mm, opaque to dark brown. Where matrix remains it contains quartz silt (<0.015 mm) clay minerals and micas. Were clasts originally glauconite, now oxidised?
87	1068A-7R-3, 85-88 cm	Claystone	Peloids of clay and carbonate? peloids in clay matrix
88	1068A-7R-3, 53 cm	Poor slide	Interlaminated silt, micrite (chalk) and clayey micrite with planktonic forams
89	1068A-7R-5, 49-53 cm	Foram quartz sand and claystone	Lithologies alternate, possibly due to burrowing
94	1068A-9R-2, 109-112 cm	Calc siltstone	Similar to TS 80, but quartz clasts float in spar/micrite matrix, suggesting neomorphism of original carbonate mud.
95	1068A-9R-2, 138-9 cm	Conglomerate	Clasts up to 7 mm long: pelite, meta-arenite(some with aligned mica), mica schist, arkose, chalk, peloidal grnst., micritic boundstone, one possible micritized ooid, one large echinoderm spine (5 mm). Well compacted, grain contact solution.
96	1068A-12R-3, 13-17 cm	Claystone	2 intervals: lower one has 1mm of siltstone at base; upper one sharp based; both contain silt filled burrows ~0.3 mm
97	1068A-12R-4, 58-61 cm	Claystone	Orange brown clay, pseudo-optically continuous, scattered quartz silt.
98	1068A-15R-6, 29-31 cm	Breccia matrix	Matrix consist of microspar (<0.02 mm), each crystal of which shows a colored dusty rim; silt to coarse sand sized clasts are scattered throughout (matrix support). Many clasts are rimmed by elongate calcite crystals, some of which contain brownish inclusions. The thickness of the rims varies around the clasts (0-0.15mm). calcite veins also tend to wrap around the clasts, and overlie the rims as shown by inclusions that mark the latter
99	1068A-15R-5, 33-6 cm	Chalk clast	Skeletal wackestone. Juvenile forams (<0.005 mm) and spar filled microspheres (<0.01 mm) set in micrite. Calpionellids
100	1068A-15R-6, 40-3 cm	Breccia matrix	Similar to 98, but calcite veins up to 1 cm across. In places inclusions within them show former presence of calcite rims to clasts

105	1068A-14R-5, 63-68 cm		
106	1068A-16R-5, 91-5 cm	Breccia matrix	Micrite. Clasts have thin fringe of calcite that predates calcite fill to veins.
109	1068A-17R-4, 76-80 cm	Breccia matrix	Peloidal internal sediments below calcite vein (v large calcite crystals ~3 mm) or pore fill
137	1068A-13R-2, 32-35 cm	Foram packstone / foram chalk	Planktonic forams <0.1 mm, spar filled, closely packed matrix of micrite
138	1068A-13R-6, 85-87 cm	Quartz silty foram packstone	Similar to 137, but forams a little smaller (<0.07 mm) and possibly juvenile forms showing as simple circles filled with spar. ~5% quartz, rare mica
139	1068A-14R-3, 56-59 cm	Foram /quartz/ lithoclast packstone with claystone filled burrows	Well compacted: clasts and burrows squashed together without significant grain fracturing. Top: similar to base but finer (<0.3 mm) and more clay 0.75 mm. Benthic forams, planktic foram debris spar filled, echinoderm plates and spines, peloids/coated and micritized skeletal grains, quartz single and polycrystalline; fine grained pelites. Elongate claystone and calc. claystone lenses (1-2 mm X 0.3 mm) flattened by compaction, some longer and one extends Probable in situ burrows, but perhaps resedimented pieces of burrow?
140	1068A-15R-3, 18 cm	Mica schist pebble (1.5 cm)	F.g. mica schist with trace muscovite
141	1068A-15R-4, 90-94 cm	Foram sand/ chalk	Foram sand <0.15 mm, few peloids. Spar and micrite fill inter- and intra-particle porosity. 2 mm lamina of calc. quartz silt with peloids more common than in foram sand

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