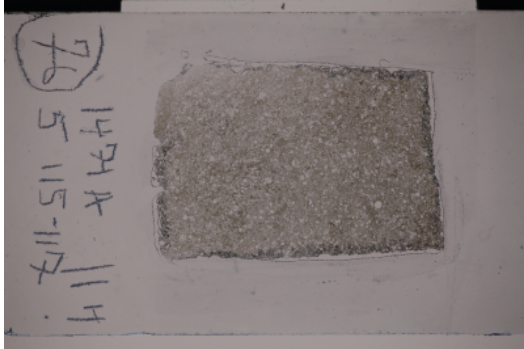


THIN SECTION LABEL ID: **359-U1471A-11H-5-W 115/117-TSB-TS_76** Thin section no.: 76
 Unit/Subunit: II Observer: OMB
 Thin section summary: Planktic foraminiferal-rich PACKSTONE, abundant planktic foraminifera, common benthic foraminifera. Few organic matter specks. Porosity is only intraparticle, partially filled with micritic cement. Some of the foraminifera's walls are degraded.

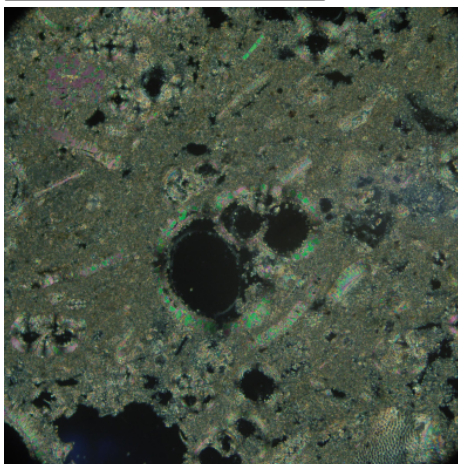
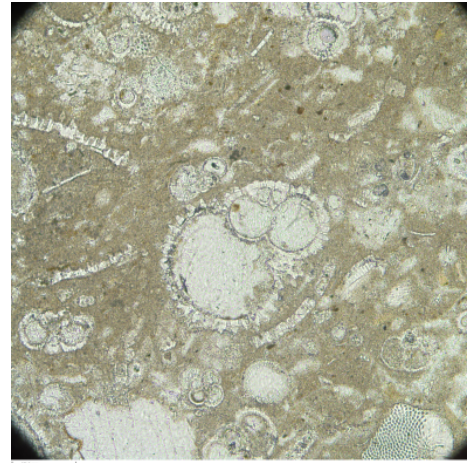
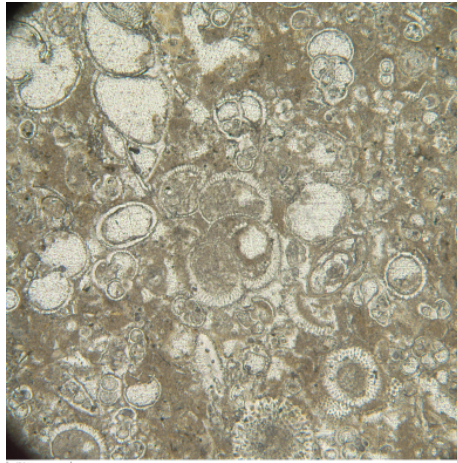
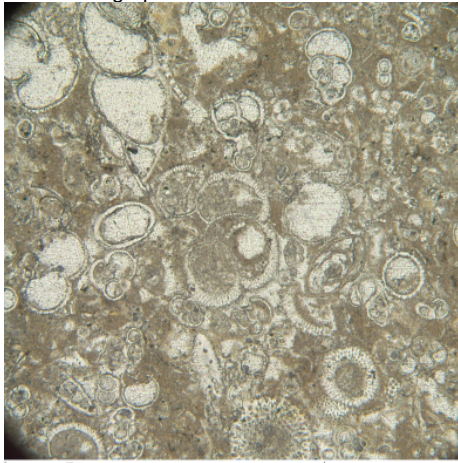
Whole thin section (plane-polarized):



Whole thin section (cross-polarized):



Photomicrographs:



SEDIMENT/SEDIMENTARY ROCK

Lithology: packstone

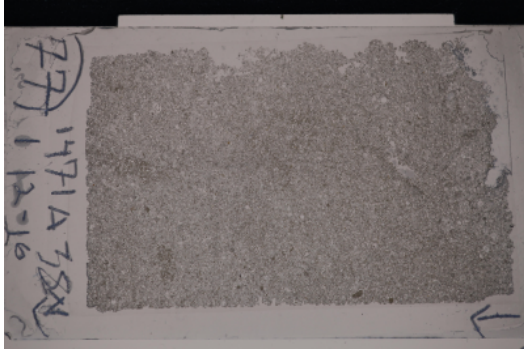
Skeletal components	major	intermediate	minor
type	foraminifera (planktic)	foraminifera (benthic)	
comment	Partially cemented, at times micritized		

Cement type: micrite cement

Porosity (major): intraparticle

THIN SECTION LABEL ID: 359-U1471A-38X-1-W 12/16-TSB-TS_77 Unit/Subunit: Thin section summary:	Thin section no.: 77 Observer: OMB Planktic foraminiferal-rich PACKSTONE, abundant planktic foraminifera, rare benthic foraminifera. Rare organic matter specks and possible apatite fragments. Residual intraparticle porosity, moldic and vuggy porosity. Porosity is filled with micritic and celestine cements, the latter forms large crystals.
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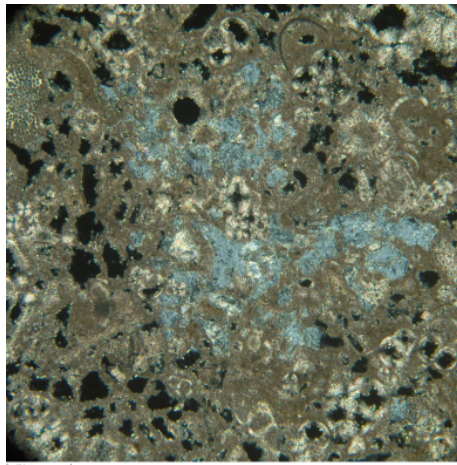
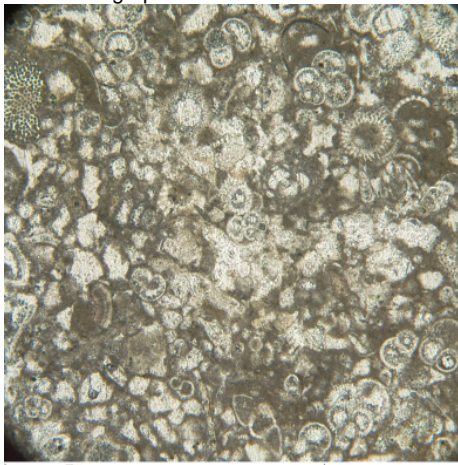
Whole thin section (plane-polarized):



Whole thin section (cross-polarized):



Photomicrographs:



Position	Photomicrograph description
Row 1, left	Porosity and Cements
Row 1, center	Porosity and Cements

SEDIMENT/SEDIMENTARY ROCK

Lithology: packstone

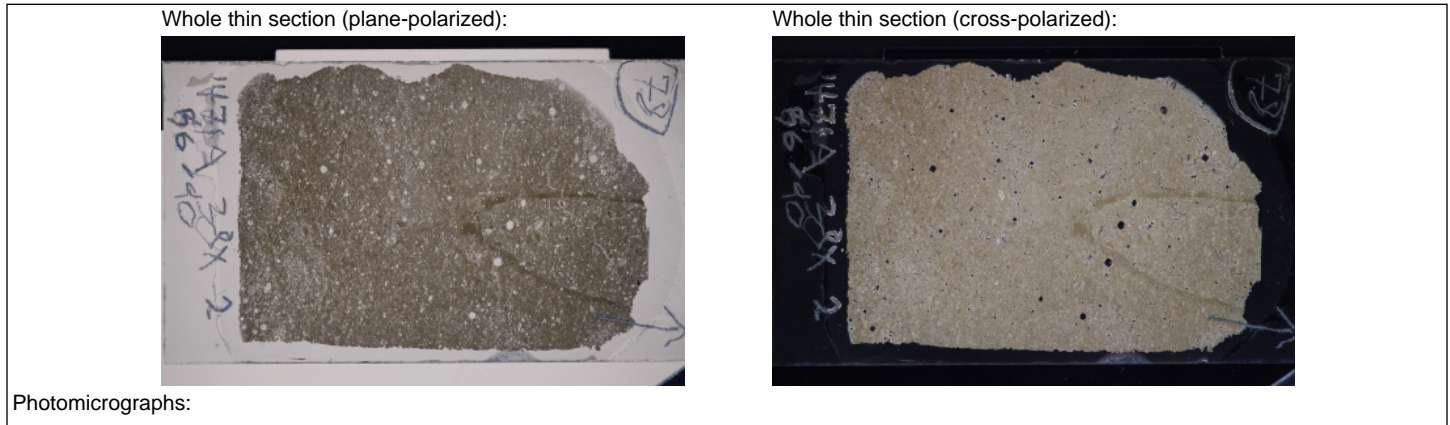
Skeletal components	major	intermediate	minor
type	foraminifera (planktic)	foraminifera (benthic)	
comment	Some broken, some recrystallized	R	

Cement type: micrite cement

Porosity (major): vuggy

General comments: Celestine cements

THIN SECTION LABEL ID: 359-U1471A-38X-2-W 86/90-TSB-TS_78 Unit/Subunit: Thin section summary:	Thin section no.: 78 Observer: AL Sample taken from 320.96 - 321mbsf. Planktic foraminiferal-rich WACKESTONE, abundant planktic foraminifera, few benthic foraminifera. Rare organic matter specks and possible apatite fragments. Residual intraparticle porosity. Porosity is partially filled with microcrystalline spar and bladed cements, the latter forms large crystals. Some foraminifera tests are flattened due to compaction, some burrows have packstone texture.
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SEDIMENT/SEDIMENTARY ROCK

Lithology: wackestone

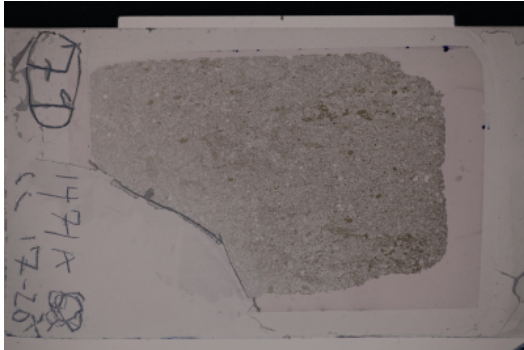
Skeletal components	major	intermediate	minor
type	foraminifera (planktic)	foraminifera (benthic)	
comment			

Cement type: micrite cement

Porosity (major): intraparticle

THIN SECTION LABEL ID: 359-U1471A-68X-CC-W 17/20-TSB-TS_79	Thin section no.: 79
Unit/Subunit:	Observer: OMB
Thin section summary: Planktic foraminiferal-rich PACKSTONE, abundant planktic foraminifera, rare benthic foraminifera, possible rare Echinodermata. Residual intraparticle porosity, moldic and vuggy porosity. Porosity is partially filled with micritic, doog theeth and celectine cements. Matrix is micritic and microsparitic, local patches of well-preserved micrite may be burrows or intraclasts.	

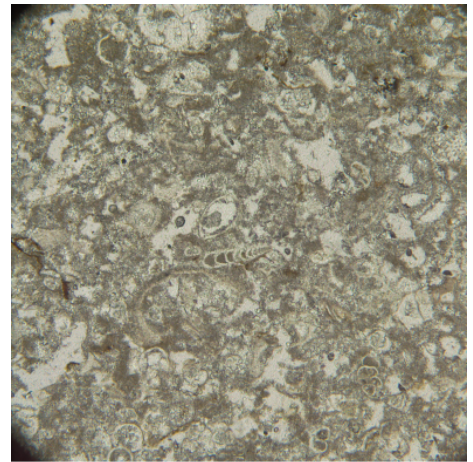
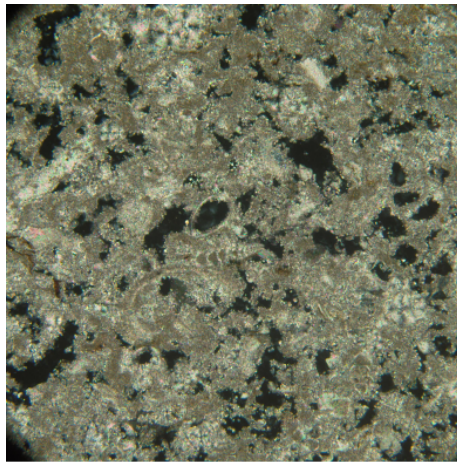
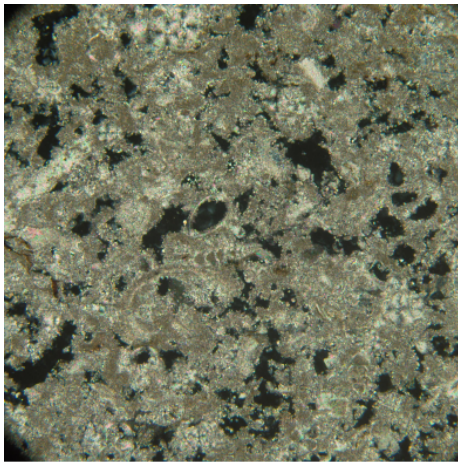
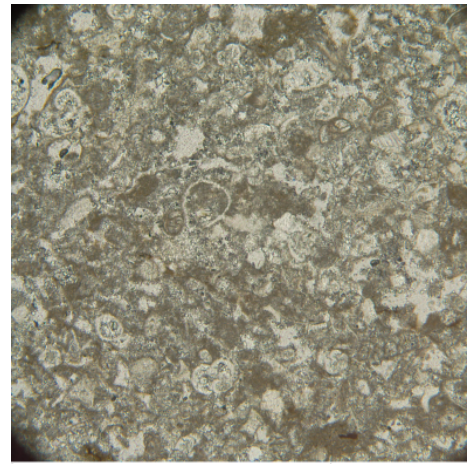
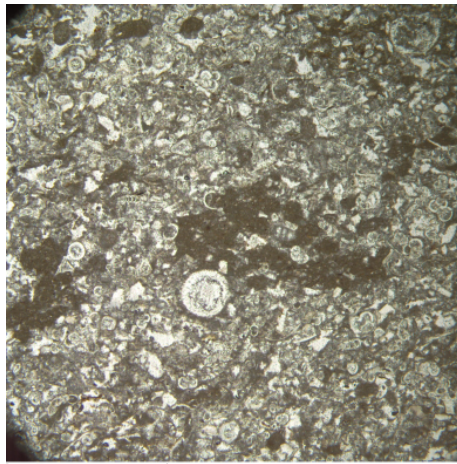
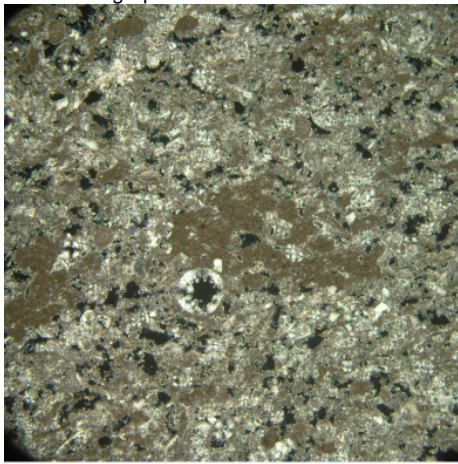
Whole thin section (plane-polarized):



Whole thin section (cross-polarized):



Photomicrographs:



SEDIMENT/SEDIMENTARY ROCK

Lithology: Packstone

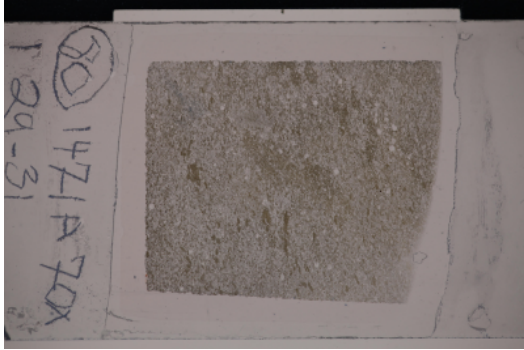
Skeletal components	major	intermediate	minor
type	foraminifera (planktic)	foraminifera (benthic)	echinoderm
comment			

Cement type: dog tooth

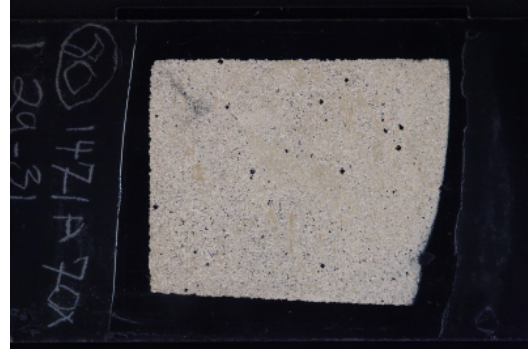
Porosity (major): vuggy

THIN SECTION LABEL ID:	359-U1471A-70X-1-W 29/31-TSB-TS_80	Thin section no.: 80
Unit/Subunit:	VI	Observer: OMB
Thin section summary:	Planktic foraminiferal-rich PACKSTONE, locally WACKESTONE, abundant planktic foraminifera, common benthic foraminifera, echinoderm fragments. Intraparticle porosity, moldic and vuggy porosity. Porosity is partially filled with micritic, doog theeth and siliceous cements. Matrix is mictiric and microsparitic	

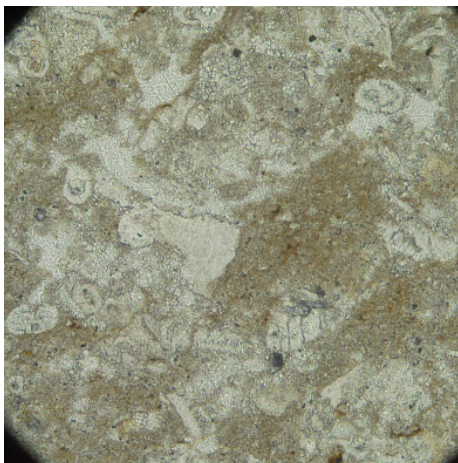
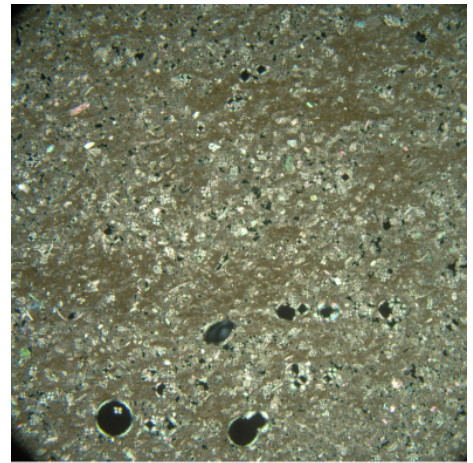
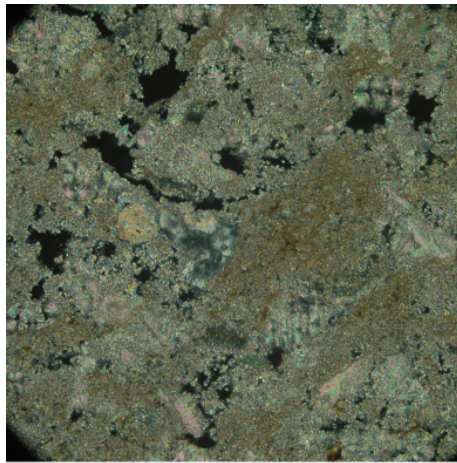
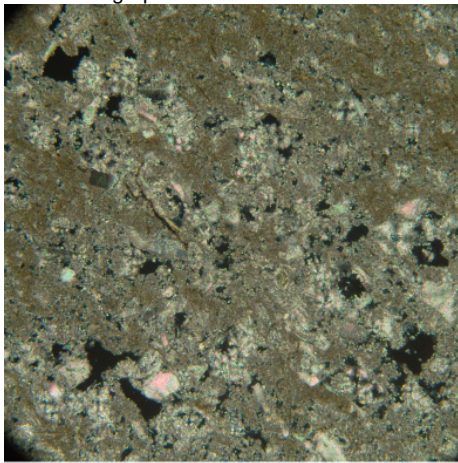
Whole thin section (plane-polarized):



Whole thin section (cross-polarized):



Photomicrographs:



SEDIMENT/SEDIMENTARY ROCK

packstone

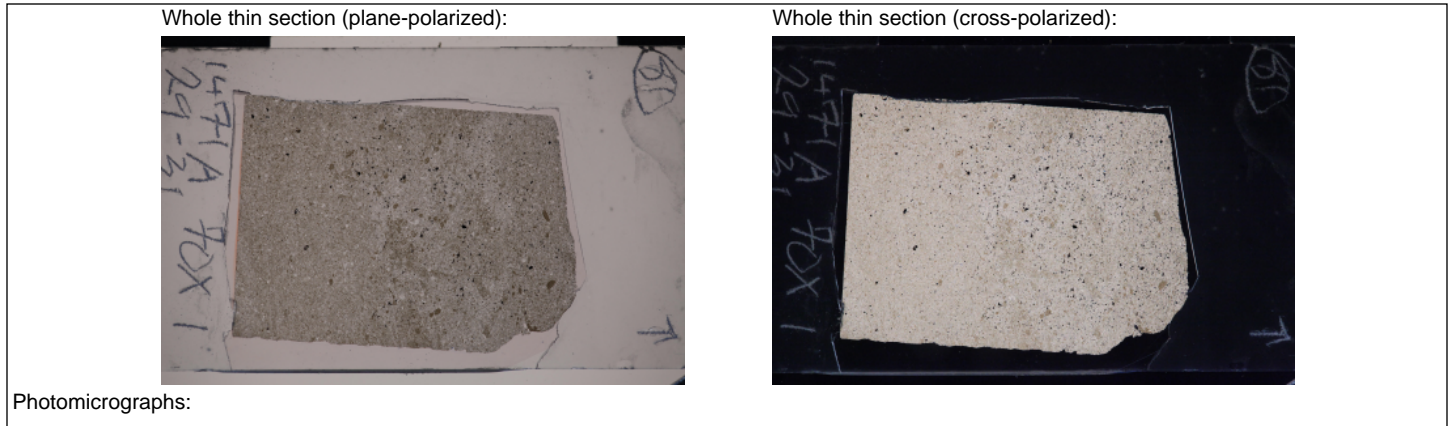
Lithology:

Skeletal components	major	intermediate	minor
type	foraminifera (planktic)	foraminifera (benthic)	echinoderm
comment			

Cement type: dog tooth

Porosity (major): vuggy

THIN SECTION LABEL ID:	359-U1471A-70X-1-W 72/75-TSB-TS_81	Thin section no.:	81
Unit/Subunit:	VI	Observer:	OMB
Thin section summary:	Planktic foraminiferal-rich PACKSTONE, locally in burrows WACKESTONE, abundant planktic foraminifera, common benthic foraminifera, sponge spicules are present. Moldic and vuggy porosity, siliceous, dogteeth cements, organic and other opaque fill pores. Matrix is micritic and microsparitic.		



SEDIMENT/SEDIMENTARY ROCK

Lithology: Packstone

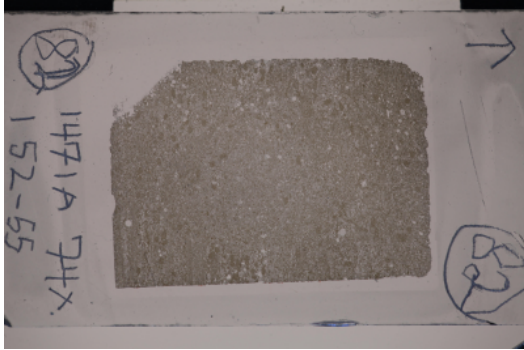
Skeletal components	major	intermediate	minor
type	foraminifera (planktic)	foraminifera (benthic)	sponge spicules
comment			

Cement type: dog tooth

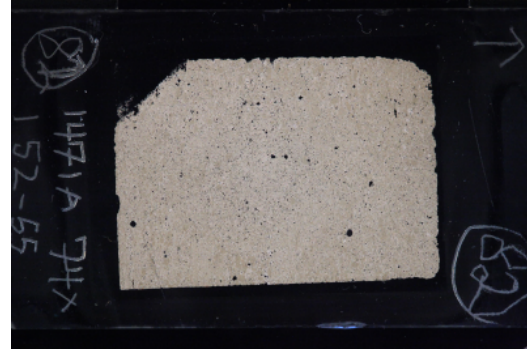
Porosity (major): vuggy

THIN SECTION LABEL ID: **359-U1471A-74X-1-W 52/55-TSB-TS_82** Thin section no.: 82
 Unit/Subunit: VI Observer: OMB
 Thin section summary: Planktic foraminiferal-rich WACKESTONE, abundant planktic foraminifera, common benthic foraminifera, sponge spicules and echinoderm spines are present. Organic matter is present. Moldic and vuggy porosity, micritic and siliceous cements. Matrix is micritic and microsparitic.

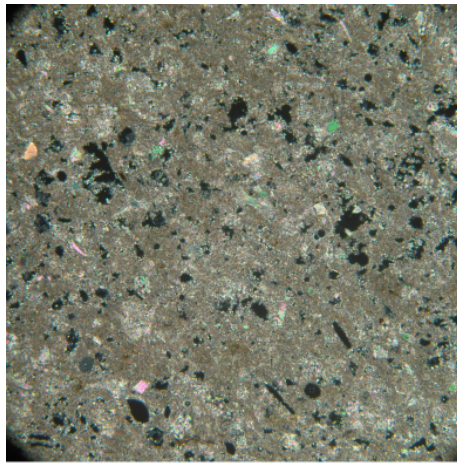
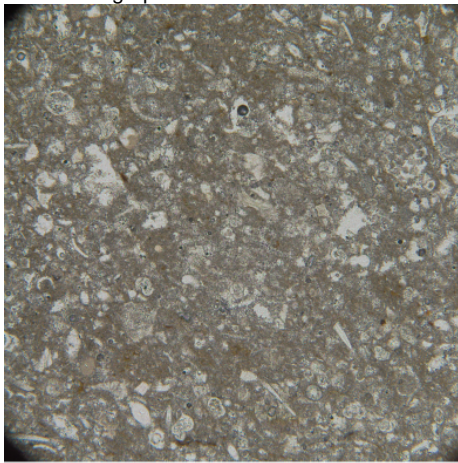
Whole thin section (plane-polarized):



Whole thin section (cross-polarized):



Photomicrographs:



SEDIMENT/SEDIMENTARY ROCK

Lithology: wackestone

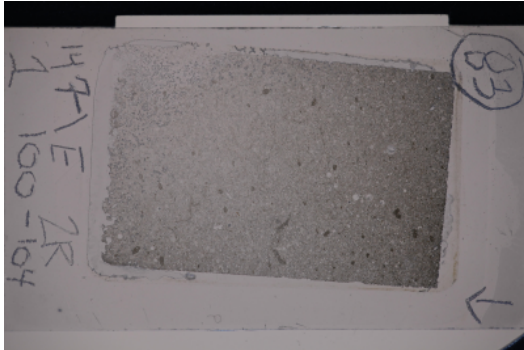
Skeletal components	major	intermediate	minor
type	foraminifera (planktic)	foraminifera (benthic)	echinoderm
comment			spines

Cement type: dog tooth

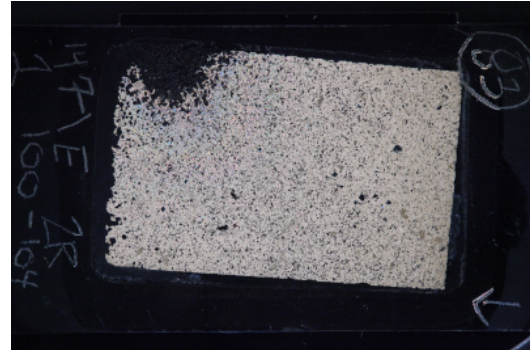
Porosity (major): vuggy

THIN SECTION LABEL ID: **359-U1471E-2R-1-W 100/104-TSB-TS_83** Thin section no.: 83
 Unit/Subunit: Observer: AL
 Thin section summary: Sample taken from 597.3-597.34 mbsf. Planktic foraminiferal-rich PACKSTONE, abundant planktic foraminifera, common benthic foraminifera. Rare silica, apatite fragments and apatite. Residual intraparticle porosity and moldic porosity. Porosity is partially filled with microcrystalline spar and blocky calcite, the latter forms large crystals. Some micritic background have been recrystallized into microcrystalline spar.

Whole thin section (plane-polarized):



Whole thin section (cross-polarized):



Photomicrographs:

SEDIMENT/SEDIMENTARY ROCK

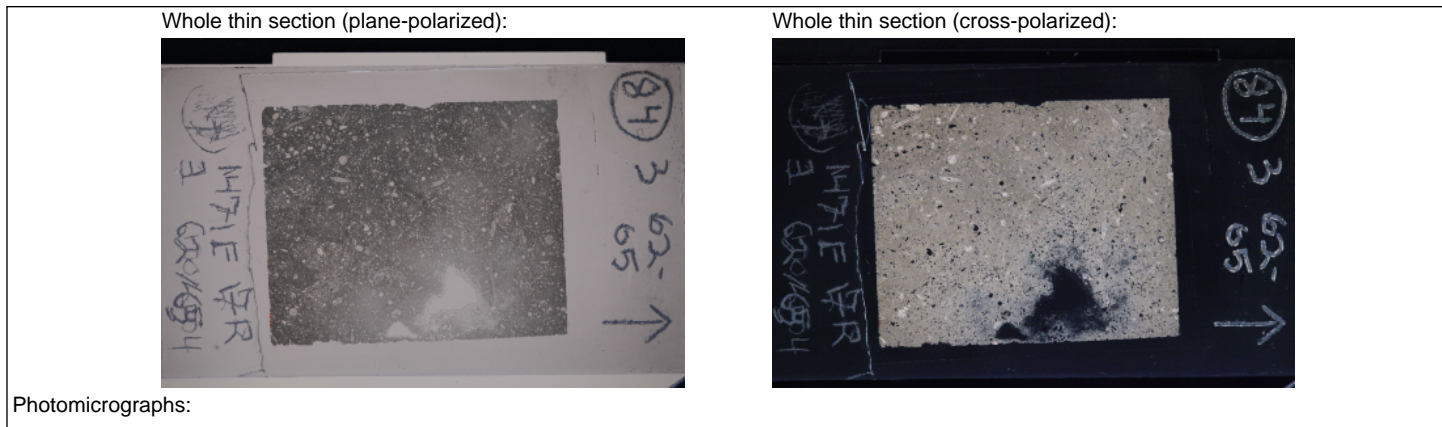
Lithology: packstone

Skeletal components	major	intermediate	minor
type	foraminifera (planktic)	foraminifera (benthic)	
comment			

Cement type: micrite cement

Porosity (major): moldic

THIN SECTION LABEL ID: 359-U1471E-17R-3-W 62/65-TSB-TS_84 Unit/Subunit: Thin section summary:	Thin section no.: 84 Observer: AL Sample taken from 744.75-744.78 mbsf. Planktic foraminiferal-rich WACKESTONE, abundant planktic foraminifera, common small and large benthic foraminifera. Rare mollusk fragments, echinoid fragments, red algae, OM and apatite. Residual intraparticle porosity and moldic porosity. Porosity is partially filled with microcrystalline spar. Some micritic background is prominent and component sorting is poor.
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SEDIMENT/SEDIMENTARY ROCK

Lithology: wackestone

Skeletal components	major	intermediate	minor
type	foraminifera (planktic)	foraminifera (benthic)	bivalve
comment			echinoid fragments, red algal fragments

Cement type: micrite cement

Porosity (major): moldic