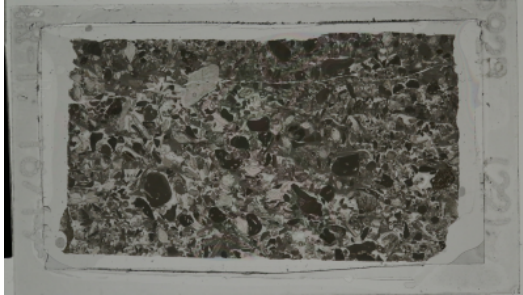
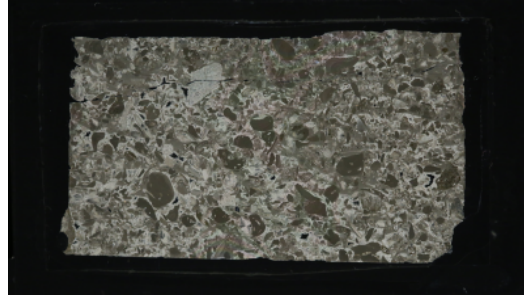


THIN SECTION LABEL ID: **398-U1592B-24R-1-W 16/19-TSB-TS 22** Thin section no.: 22  
 Observer: RG Unit/subunit: Unit IV  
 Thin section summary: Matrix- to clast-supported bioclastic limestone (packstone), containing component (allochemical) particles of predominantly bioclasts, including benthic and planktonic foraminifera, bivalves, gastropods, corals and algae. There are minor lithic components, including sedimentary and metamorphic rock types. Matrix is predominantly sparritic calcite cement, with minor micrite.

Plane-polarized: 68324721



Cross-polarized: 68324741



### Sediments and Sedimentary Rock

**Lithology:** grainstone

**Grains:**

<b>Crystal names:</b>	calcite	<b>Crystal shape:</b>		<b>Crystal abundance:</b>		<b>Crystal features:</b>	
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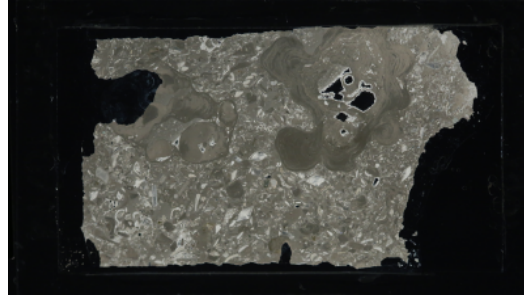
<b>Biogenic clasts:</b>	planktonic foraminifer, benthic foraminifer, algal, gastropod, coral, bivalve	<b>Bioclasts abundance range:</b>	D
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<b>Degree of alteration:</b>	fresh	<b>Alteration feature:</b>	
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THIN SECTION LABEL ID: **398-U1592B-24R-2-W 10/14-TSB-TS 20** Thin section no.: 20  
 Observer: RG Unit/subunit: Unit IV  
 Thin section summary: Matrix- to clast-supported bioclastic limestone (packstone), containing component (allochemical) particles of predominantly bioclasts, including benthic and planktonic foraminifera, bivalves, gastropods, corals and algae. There are minor lithic components, including sedimentary and metamorphic rock types. Matrix is predominantly micritic, with rare sparry calcite cement.

Plane-polarized: 68324341

Cross-polarized: 68324361



### Sediments and Sedimentary Rock

**Lithology:** packstone

**Grains:**

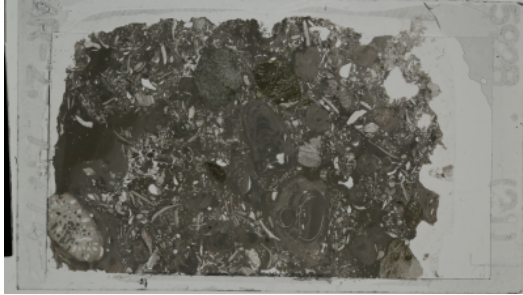
<b>Crystal names:</b>	calcite	<b>Crystal shape:</b>		<b>Crystal abundance:</b>		<b>Crystal features:</b>	
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<b>Biogenic clasts:</b>	planktonic foraminifer, benthic foraminifer, algal, gastropod, coral, bivalve	<b>Bioclasts abundance range:</b>	D
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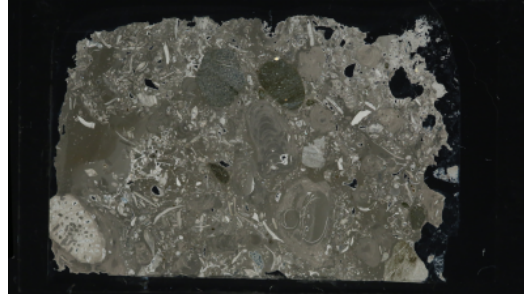
<b>Degree of alteration:</b>	fresh	<b>Alteration feature:</b>	
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THIN SECTION LABEL ID: **398-U1592B-24R-2-W 71/74-TSB-TS 21** Thin section no.: 21  
 Observer: RG Unit/subunit: Unit IV  
 Thin section summary: Matrix- to clast-supported bioclastic limestone (packstone), containing component (allochemical) particles of predominantly bioclasts, including benthic and planktonic foraminifera, bivalves, gastropods, corals and algae. There are also lithic components, including sedimentary and metamorphic rock types, but they are significantly less abundant than the bioclasts. Matrix is predominantly micritic, with rare sparry calcite cement.

Plane-polarized: 68324461



Cross-polarized: 68324481



### Sediments and Sedimentary Rock

Lithology: packstone

Grains:

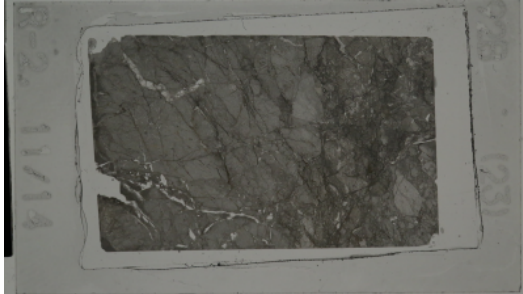
Crystal names:	calcite	Crystal shape:		Crystal abundance:		Crystal features:	
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Biogenic clasts:	planktonic foraminifer, benthic foraminifer, algal, gastropod, coral, bivalve	Bioclasts abundance range:	D
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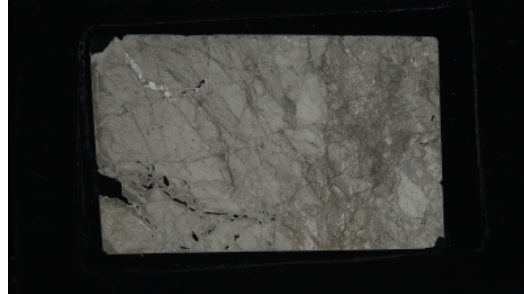
Degree of alteration:	fresh	Alteration feature:	
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THIN SECTION LABEL ID: **398-U1592B-26R-2-W 11/14-TSB-TS 23** Thin section no.: 23  
 Observer: SD Unit/subunit: Unit V  
 Thin section summary: This is a finely-crystalline, cataclastically broken limestone with fractures filled with coarse calcite and iron oxide

Plane-polarized: 68324761



Cross-polarized: 68324781



### Sediments and Sedimentary Rock

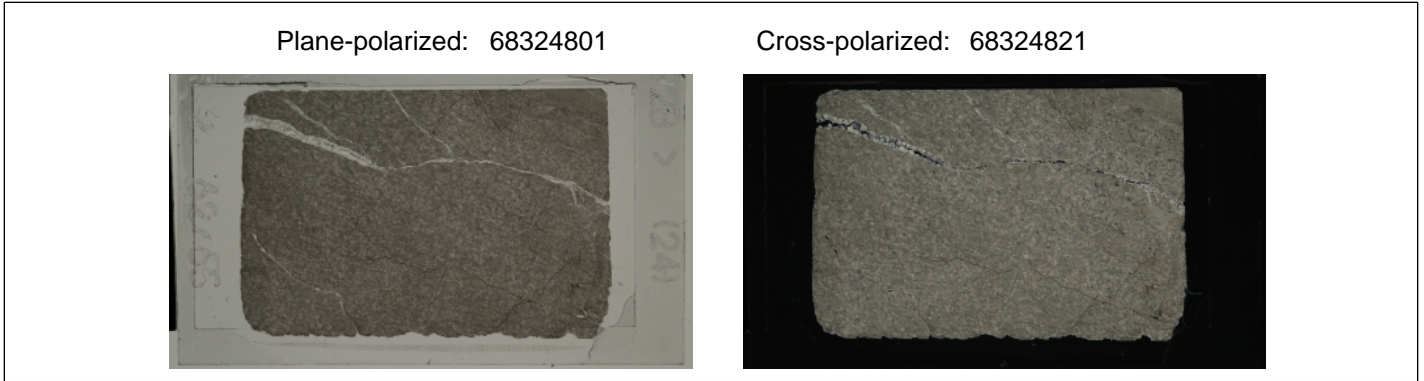
**Lithology:** limestone

**Grains:**

<b>Crystal names:</b>	calcite	<b>Crystal shape:</b>	anhedral	<b>Crystal abundance:</b>	D	<b>Crystal features:</b>	
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<b>Degree of alteration:</b>	moderate alteration	<b>Alteration feature:</b>	calcite
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THIN SECTION LABEL ID:	<b>398-U1592B-26R-2-W 62/65-TSB-TS 24</b>	Thin section no.:	24
Observer:	SD	Unit/subunit:	Unit V
Thin section summary:	This is a recrystallized limestone with fine-grained, equant calcite grains that have 120 degree angles between grains - technically a marble		



### Sediments and Sedimentary Rock

**Lithology:** carbonate

**Grains:**

<b>Crystal names:</b>	calcite	<b>Crystal shape:</b>	euohedral	<b>Crystal abundance:</b>	D	<b>Crystal features:</b>	
<b>Degree of alteration:</b>	fresh	<b>Alteration feature:</b>	calcite				