

THIN SECTION LABEL ID: **400-U1608A-4R-1-W 9/13-TSB#44-TS#47**

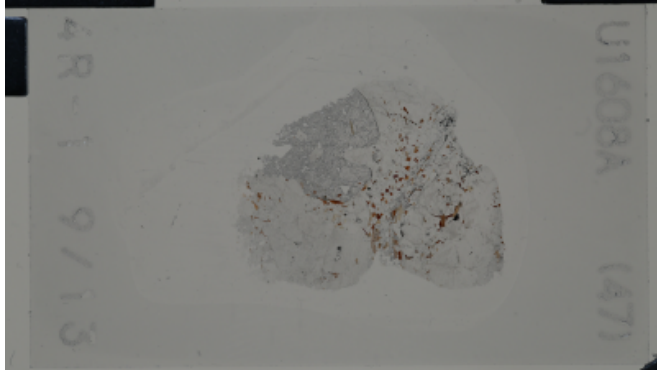
Thin section no.: **47**

Observer: TF

Unit/subunit:

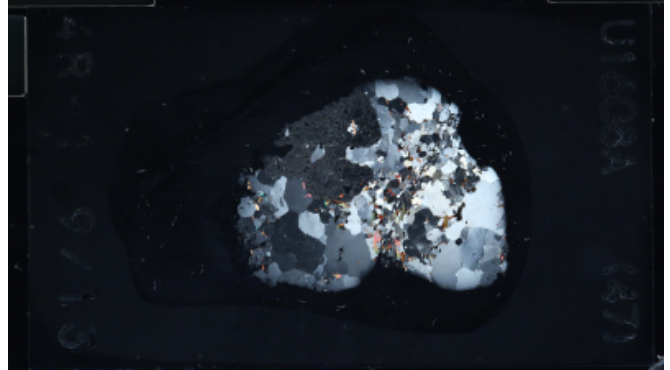
Thin section summary: Garnet-bearing granitic gneiss. Large intergrown crystals of quartz, feldspar, biotite, and garnet.

Plane-polarized



74601501

Cross-polarized



74601481

Sediments & Sedimentary Rock

Lithology:

Lithic grains specifics:		Lithic grains comments:	Garnet-bearing granitic gneiss.
Mineral grains:	quartz, feldspar, mica, other	Mineral grain comments:	Large grains of quartz, feldspar, biotite, and garnet

THIN SECTION LABEL ID: **400-U1608A-19R-CC-W 10/11-TSB#45-TS#48**

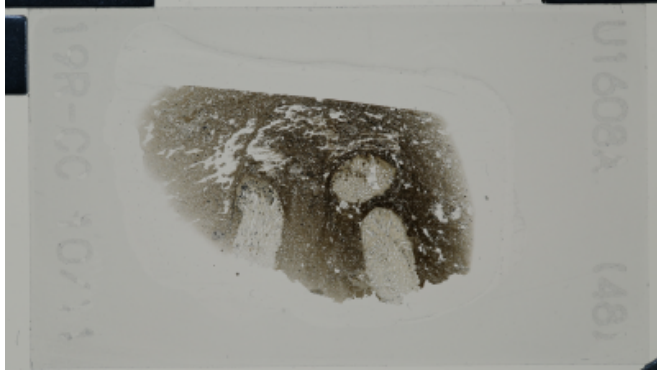
Thin section no.: **48**

Observer: TF

Unit/subunit:

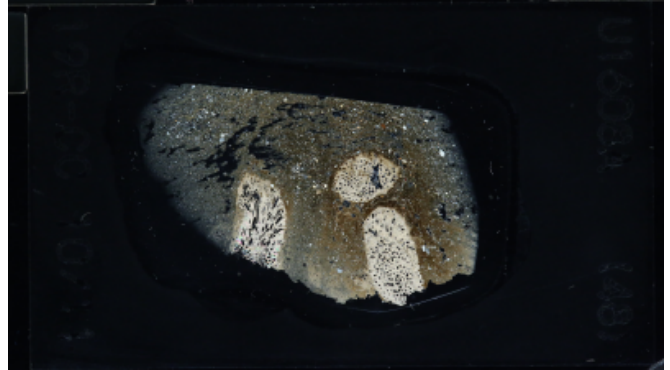
Thin section summary: Cheilostome bryozoan colony embedded in siltstone. Some encrusters (forams?) on the outside of the skeletons.

Plane-polarized



74720691

Cross-polarized



74720711

Sediments & Sedimentary Rock

Lithology: siltstone

Macrofossils:	bryozoan, foraminifers	Comments on fossils:	Cheilostome bryozoan colony. Some encrusters (forams?)
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THIN SECTION LABEL ID: **400-U1608A-20R-1-W 2/4-TSB#46-TS#49**

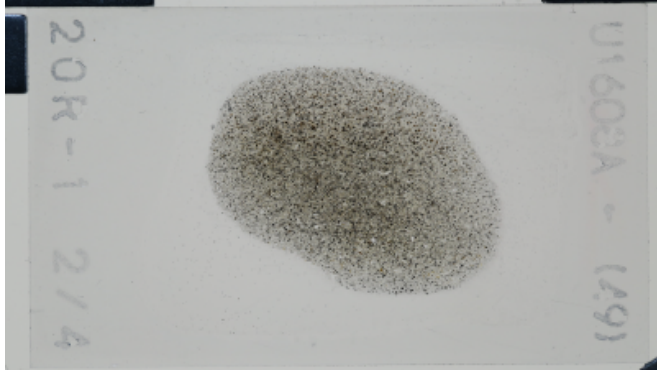
Thin section no.: **49**

Observer: **SP**

Unit/subunit:

Thin section summary: Thin section of a volcanic clast lithology that is common at Site U1608. The sample is of a mafic lithology of aphanitic texture, composed of mainly plagioclase, pyroxene and opaque minerals.

Plane-polarized



74720861

Cross-polarized



74720881

Sediments & Sedimentary Rock

Lithology: gravelly mud

Lithic grains specifics: igneous

Lithic grains comments:

black volcanic rock clast

Mineral grains: feldspar

Mineral grain comments:

plagioclase

THIN SECTION LABEL ID: **400-U1608A-44R-2-A 70/71-TSB-TS#50**

Thin section no.: **50**

Observer: TF

Unit/subunit:

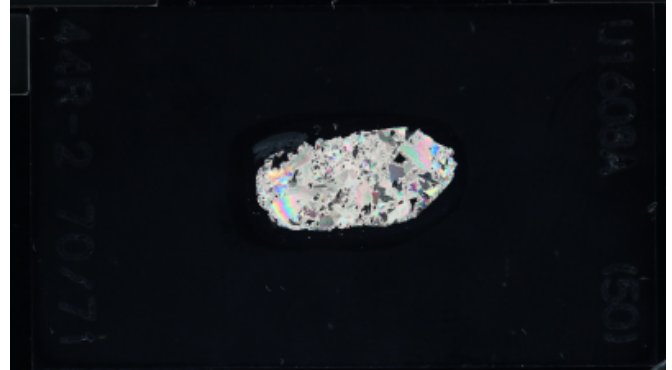
Thin section summary: Cemented pseudomorph after ikaite (hydrated calcium carbonate). Complex intergrowth of inclusion-rich calcite after ikaite with later generations of cement (mainly fibrous) growing into pore space.

Plane-polarized



74773441

Cross-polarized



74773861

Sediments & Sedimentary Rock

Lithology:

Cement mineralogy:	carbonate	Cement mineralogy and type:	Complex intergrowth of inclusion-rich calcite after ikaite with later generations of cement (mainly fibrous) growing into pore space.
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