

Information in this section, for all sites, represents field notes taken aboard ship. Some of this information has been refined in accord with post-cruise findings, but production schedules prohibit definitive correlation of these forms with subsequent findings. Thus, the reader should be alerted to ambiguities or discrepancies in this unedited material.

Site 990 Sedimentary Rock Thin Section Descriptions

Interval	Rock Name	Percent Texture			Components (%)												Comments
		Sand	Silt	Clay	Qtz	Feld-spar	Plag	Clay	Met Frag	Volc Frag	Volc Ash	Acc Min	Fe-Oxide	Opa-ques	Spar cement	Calc cement	
163-990A-1R-1, 91-95 cm	Calcite-cemented mixed cobble conglomerate	40	30	30	15	tr	tr	20	25	30				tr		10	Poorly sorted large clasts are rounded, altered volcanoclastics. Matrix is dominated by smaller rock fragments, red-brown clay, and quartz grains with some calcite cement.
163-990A-3R-1, 90-93 cm	Clayey volcanoclastic breccia	5	35	60	2			43		35			15	5			Volcanic fragments are basalt and altered basalt.
163-990A-3R-4, 124-127 cm	Clayey volcanoclastic breccia	60	20	20				20		68			10	2			Rock fragments are basalt and altered basalt.
163-990A-20R-1, 109-111 cm	Altered volcanoclastic ashy clay with basaltic fragments	15	25	60	1		2	40	*	10	25	5	15		2		Large grains are predominantly volcanic ash, altered to clays or chert, and altered basalt. Matrix is clay and Fe-oxides. Pore-filling spar and pore-lining cement are especially noticeable on one side of slide.