

For cent.	RESIDUE.			ADDITIONAL OBSERVATIONS.
	Siliceous Organisms.	Minerals.	Fine Washings.	
33-57	(1.00 %), fragments of Radiolaria and Sponge spicules, Lituolidæ.	(2.00 %), m. di. 0.10 mm., angular; pumice, felspar, magnetite, augite.	(30.57 %), amorphous matter, with minute fragments of minerals and siliceous organisms.	The majority of the organisms in this deposit are in a fragmentary condition.
37-62	(1.00 %), one or two Radiolaria, Lituolidæ, Diatoms.	(1.00 %), m. di. 0.07 mm., angular; pumice, augite, felspar, magnetite, some small rounded grains of quartz covered with limonite, mica.	(35.62%), amorphous matter, with minute fragments of minerals, Radiolaria, and Diatoms.	The deposits at this and the preceding stations are remarkable for the relatively small number of perfect shells of pelagic Foraminifera; those present are fragmentary. <i>Pulvinulina menardii</i> appears to be nearly, if not quite, absent in this part of the Atlantic. A quantity of ooze came up in the water-bottle.
20-21	(1.00 %), Radiolaria and Sponge spicules, Lituolidæ.	(1.00 %), m. di. 0.06 mm., angular; pumice, lapilli, felspar, magnetite, augite, olivine.	(18.21 %), amorphous matter, with minute fragments of minerals and siliceous organisms.	Note in these deposits the complete, or nearly complete, absence of the shells of Pteropods and Heteropods in the deeper soundings.
28-91	(1.00 %), Radiolaria, Sponge spicules, Astrorhizidæ, Lituolidæ, a few Diatoms.	(2.00 %), m. di. 0.08 mm., angular; pumice, lapilli, monoclinic and triclinic felspars, magnetite, black mica, augite, olivine.	(25.91 %), amorphous matter, with fragments of minerals and siliceous organisms.	The washings of the deposit, on being passed through sieves, contained many small round fragments of pumice, about 1 cm. in diameter, also a good many otoliths of fish and fragments of Pteropods and other Molluscan shells. Some of the pumice nodules are overgrown by <i>Serpula</i> .
93-40	(1.00 %), Radiolaria, Astrorhizidæ, Lituolidæ, a few Diatoms.	(75.00 %), m. di. 0.10 mm., angular; pumice, fragments of volcanic rocks, scoriaceous lapilli, monoclinic and triclinic felspars, magnetite, augite, olivine, palagonite, manganese grains.	(17.46 %), amorphous matter, with fragments of minerals and siliceous organisms.	The washings obtained by passing a large quantity of the mud through sieves were almost wholly made up of the dead shells of Pteropods and Heteropods, with those of a few bottom-living Molluscs. There were several large fragments of a Gorgonoid Coral coated with manganese. All the coral was dead and in the same condition as at Station 3. There were in addition some fragments of volcanic rocks, about 1 cm. in diameter, also coated with manganese.
42-23	(1.00 %), a few Radiolaria, <i>Haplophragmium</i> , imperfect brown casts.	(2.00 %), m. di. 0.08 mm., angular and rounded; small rounded grains of quartz, felspar, hornblende, magnetite, mica, volcanic glass, manganese grains.	(39.23 %), amorphous matter, with minute fragments of minerals and siliceous organisms.	<i>Pulvinulina menardii</i> appears in this deposit; it is absent in the soundings to the north of this station.
...	A piece of a Gorgonoid Coral covered with manganese came up in the sounding tube; there were also some pieces taken in the dredge. There was nothing further to indicate the nature of the deposit (see Station 3).
35-62	(1.00 %), one or two Radiolaria, Sponge spicules, Lituolidæ.	(1.00 %), m. di. 0.07 mm., angular and rounded; small quartz grains covered with limonite, felspar, augite, hornblende, pumice, magnetite, mica, a few grains of manganese.	(33.62 %), amorphous matter, with minute fragments of minerals and siliceous organisms.	The manganese in the last three soundings shows that it must be abundant over a large area.
41-50	(1.00 %), Sponge spicules, Radiolaria, a few arenaceous Foraminifera.	(1.00 %), m. di. 0.07 mm., angular and rounded; quartz grains covered with limonite, monoclinic and triclinic felspars, magnetite, augite, hornblende, volcanic glass.	(39.50 %), amorphous matter, with minute fragments of minerals and siliceous organisms.	This deposit contains a considerable quantity of amorphous clayey matter. The specimens of <i>Pulvinulina menardii</i> obtained here are very large, some macroscopic.