

Per cent.	RESIDUE.			ADDITIONAL OBSERVATIONS.
	Siliceous Organisms.	Minerals.	Fine Washings.	
89.28	(1.00 %), a few Sponge spicules and Diatoms.	(2.00 %), m. di. 0.10 mm., angular; monoclinic and triclinic feldspars, quartz, mica, hornblende, glassy fragments, glauconite.	(86.28 %), amorphous matter, with fragments of minerals, Radiolaria, and Diatoms.	Most of the organisms are fragmentary. Many of the mineral particles are evidently ice-borne.
66.07	(1.00 %), a few Spongo spicules, Radiolaria, Lituolidae.	(1.00 %), m. di. 0.10 mm., angular; feldspar, volcanic glass, augite, mica, magnetite, manganese, pumice, glauconite.	(64.07 %), amorphous matter, with fragments of minerals and siliceous organisms.	Some of the Globigerinids have grains of manganese scattered over and adhering to their surfaces. Amorphous clayey matter partially fills some of the Foraminifera. In the washings from the trawl one small piece of pumice, containing a large crystal of sanidine, was obtained.
65.00	(1.00 %), a few Sponge spicules, Radiolaria, Astrorhizidae, Lituolidae, Diatoms.	(1.00 %), m. di. 0.07 mm., angular; sanidine, augite, magnetite, fragments of pumice, glauconite, quartz.	(63.00 %), amorphous matter, many fine mineral particles, fragments of Radiolaria and Diatoms.	Glauconite in these depths is unusual and is only represented by a few grains. Dredge contained one hundred-weight (50 kilogrammes) of deposit, in which were some pellets of manganese.
72.41	(1.00 %), Sponge spicules, Radiolaria, <i>Haplophragmium</i> .	(1.00 %), m. di. 0.07 mm., angular; feldspar, augite, magnetite, volcanic glass, one or two small particles of quartz covered with limonite, manganese grains.	(70.41 %), amorphous matter, with minute fragments of minerals and siliceous organisms.	The organisms are, for the most part, fragmentary. There is little difference between this and the previous and succeeding deposits, though this is classed as a Red Clay.
64.69	(1.00 %) Radiolaria, a few Sponge spicules, Astrorhizidae, Lituolidae.	(1.00 %), m. di. 0.10 mm., angular; monoclinic feldspar, augite, pumice, lapilli, magnetite.	(62.69 %), amorphous matter, fragments of Radiolaria and minerals.	This deposit is similar to that obtained at Station 65, except in having a higher percentage of carbonate of lime.
45.70	(1.00 %), Radiolaria, Sponge spicules, Astrorhizidae, Lituolidae.	(1.00 %), m. di. 0.07 mm., angular; monoclinic and triclinic feldspars, augite, magnetite, volcanic glass.	(43.70 %), amorphous matter, fragments of minerals and siliceous organisms.	The rise in the percentage of carbonate of lime with decrease of depth is here again illustrated. The appearance of the pelagic Foraminifera is different from that in tropical deposits.
28.24	(1.00 %), Radiolaria, Sponge spicules, one or two arenaceous Foraminifera.	(1.00 %), m. di. 0.07 mm., angular; a few fragments of feldspar, magnetite, volcanic glass.	(26.24 %), amorphous matter, fragments of minerals and siliceous organisms.	
...	Only a small quantity of the deposit came up in the tube; the examination of this quantity, however, indicated a deposit, in some respects, similar to that at Station 68.
16.69	(1.00 %), Radiolaria, Sponge spicules, Astrorhizidae, Lituolidae, a few Diatoms.	(1.00 %), m. di. 0.10 mm., angular; a few fragments of sanidine, volcanic glass, magnetite, manganese grains.	(14.69 %), amorphous matter, fragments of minerals, Radiolaria, and Diatoms.	In the washings of a large quantity of the deposit from the trawl there were a great many Pteropod shells and fragments, also concretions of the ooze with black spots.
11.69	(2.00 %), Radiolaria, Spongo spicules, Astrorhizidae, Lituolidae, imperfect brown casts, a few Diatoms.	(1.00 %), m. di. 0.10 mm., angular; fragments of pumice, feldspar, lapilli, magnetite, augite, manganese.	(8.69 %), amorphous matter, with minute fragments of minerals and siliceous organisms.	In the trawl there were several aggregations of the ooze from 3 to 4 cm. in diameter, perforated by worms and coated with a deposit of manganese; also a fragment of compact volcanic rock more or less rounded and about 7 cm. in longest diameter; this fragment has a slight deposit of manganese over the whole surface, with a <i>Serpula</i> -tube attached. There was also a fragment of sandstone, containing mica and stained with limonite, and a large cinder, evidently from some ocean steamer.