

Per cent.	RESIDUE.			ADDITIONAL OBSERVATIONS.
	Siliceous Organisms.	Minerals.	Fine Washings.	
100·00	(50·00 %), Radiolaria, very few arenaceous Foraminifera, Spongo spicules, casts of organisms, Diatoms.	(1·00 %), m. di. 0·06 mm., angular; felspar, augite, hornblende, magnetite, small prismatic zeolitic crystals, manganese grains, magnetic spherules.	(49·00 %), amorphous matter, minute fragments of pumice and other minerals, fragments of siliceous organisms.	The dredge and the two tow-nets attached to it came up filled with the dark coloured ooze, from which were obtained a few small pieces of pumice and one manganese nodule. One or two fragments of <i>Globigerina</i> and <i>Pulvinulina</i> were the only calcareous organisms observed. There are very many remains of <i>Ethmodiscus</i> .
100·00	(55·00 %), [Radiolaria, Spongo spicules, <i>Haplophragmium latidorsatum</i> , Diatoms.	(1·00 %), m. di. 0·10 mm., angular; felspar, very few volcanic particles.	(44·00 %), much amorphous matter, Radiolarian and other siliceous remains, some fine mineral particles.	The most of the ooze was of a red-brown colour, but there were some very light spots. Remains of <i>Ethmodiscus</i> are abundant.
100·00	(50·00%), Radiolaria, Spongo spicules, <i>Trochammina galcata</i> , Diatoms.	(1·00 %), m. di. 0·13 mm., angular; felspar, manganese grains, magnetite, volcanic particles.	(49·00 %), much fine amorphous matter, Radiolarian and other siliceous remains, some mineral particles.	Only a small quantity came up in the sounding tube, much lighter in colour than in the last few soundings. Much of the ooze was rolled in little pellets. Many manganese grains were observed, one (broken) larger than a good sized marble.
100·00	(65·00 %), Radiolaria, Diatoms.	(1·00 %), m. di. 0·06 mm., angular; felspar, palagonite, manganese grains, black mica, glassy volcanic particles.	(34·00 %), Radiolarian remains, amorphous matter, and a few mineral particles.	About a pint (over half a litre) of ooze of a red-brown colour came up in the tube; near the top were some straw-coloured patches. The difference between the layer seems to be due to the manganese. One spherical granulated manganese grain, about the size of a pea, was noticed.
80·00	(50·00 %), Radiolaria, Spongo spicules, <i>Lituolidæ</i> , Diatoms.	(1·00 %), m. di. 0·10 mm., angular; manganese grains, glassy particles, felspar, analcimi, palagonite, magnetite.	(29·00 %), Radiolarian remains, amorphous matter, and some fine mineral fragments.	In the upper part of the tube were some yellow coloured patches indicating a surface layer about an inch in thickness. The colour appears to be due to the smaller number of manganese grains in the upper layer. The Foraminifera are much corroded.
28·53	(5·00 %), Radiolaria, Diatoms.	(1·00 %), m. di. 0·06 mm., angular; a few glassy volcanic particles, felspar, one or two manganese grains.	(22·53 %), fine amorphous matter and remains of siliceous organisms.	There were about six inches (15 cm.) of ooze in the tube, the lower part pure white and gradually becoming brown on the upper surface. The white lower layer is a nearly pure <i>Globigerina</i> Ooze, while the upper brown layer seems to be composed of equal parts of siliceous and calcareous organisms. Coccoliths are abundant.
18·73	(10·00 %), Radiolaria, Spongo spicules (<i>Hyalonema</i>), <i>Astrorhizidæ</i> , <i>Lituolidæ</i> , <i>Textularidæ</i> , Diatoms.	...	(8·73 %), amorphous matter and siliceous remains.	In the washings from the trawl were some large deep-sea <i>Keratosa</i> , and a fragment of pumice about the size of a pigeon's egg.
89·81	(60·00 %), Radiolaria, <i>Astrorhizidæ</i> , Diatoms.	(1·00 %), m. di. 0·15 mm., angular; magnetite, palagonite, mica, glassy volcanic particles, felspar, phillipsite.	(28·81 %), Radiolarian remains, amorphous matter, and some minute mineral fragments.	Compare this with the deposit obtained on August 30th. It is dark red-brown in colour, showing light coloured patches at the upper surface. In the trawl there were a rounded piece of pumice, slightly impregnated with manganese, and two or three irregular manganese nodules which, on breaking, presented nuclei of pumice.
98·00	(30·00 %), Radiolaria, Diatoms.	(1·00 %), m. di. 0·15 mm., angular; phillipsite, rounded manganese grains, volcanic particles.	(67·00 %), much amorphous matter, Radiolarian remains, and fine mineral fragments.	The <i>Globigerinas</i> are large, but much broken. There are present a great number of manganese grains, some of them of considerable size.