

Per cent.	RESIDUE.			ADDITIONAL OBSERVATIONS.
	Siliceous Organisms.	Minerals.	Fine Washings.	
83.58	(1.00 %), Spongospicules, <i>Haplophragmium</i> .	(1.00 %), m. di. 0.06 mm., angular; fragments of monoclinic and triclinic feldspars, augite, hornblende, magnetite, black mica, rounded grains of quartz covered with limonite, manganese grains.	(81.58 %), amorphous matter, minute mineral particles, and a few fragments of siliceous organisms.	The Globigerinids are very much broken, and have a corroded appearance. The rounded quartz grains are almost certainly wind-borne. Dredge was empty, probably never reached the bottom.
96.89	(1.00 %), Sponge spicules, <i>Sorosphæra</i> , <i>Reophax</i> .	(1.00 %), m. di. 0.06 mm., angular and rounded; feldspar, magnetite, black mica, augite, pumice, rounded grains of quartz covered with limonite, manganese grains.	(94.89 %), amorphous matter, minute fragments of minerals and siliceous organisms.	Only a few points of effervescence were noticed on treating a portion of the deposit with dilute acid. The deposits have been gradually altering in character, becoming less rich in Foraminifera. This deposit consists almost entirely of Red Clay in a state of fine division. Dredge one-fourth full of the clay; sounding tube penetrated over a foot (30.48 cm.) into the deposit.
86.70	(1.00 %), Sponge spicules, Radiolaria, <i>Haplophragmium</i> .	(1.00 %), m. di. 0.06 mm., angular; feldspar, hornblende, magnetite, black mica, glassy volcanic particles.	(84.70 %), amorphous matter, minute mineral particles, and remains of siliceous organisms.	Note the increasing percentage of carbonate of lime with the lesser depth.
48.84	(1.00 %), Sponge spicules.	(2.00 %), m. di. 0.06 mm., angular; sanidine, augite, magnetite, glassy volcanic particles.	(45.84 %), amorphous matter, fine mineral particles.	Dredge came up empty.
55.12	(1.00 %), Radiolaria.	(30.00 %), m. di. 0.80 mm., rounded and angular; grains of manganese, red and yellow fragments of palagonite, sanidine, augite, pumice.	(24.12 %), amorphous matter, minute mineral fragments, a few siliceous remains.	The finer portions of the deposit seem to have been washed away in pulling up the tube. The large quantity of manganese and palagonite is remarkable, and accounts for the large percentage and size of the minerals. Some of the organisms are macroscopic. Dredge empty.
25.50	(1.00 %), Sponge spicules, Radiolaria, <i>Astrorhizidæ</i> , <i>Lituolidæ</i> .	(1.00 %), m. di. 0.08 mm., angular; lapilli, sanidine, augite, magnetite, palagonite, glassy volcanic particles, a few manganese grains.	(23.50 %), amorphous matter, many fine mineral particles, a few fragments of siliceous organisms.	The deposit is remarkably pure as regards the carbonate of calcium being chiefly made up of the remains of pelagic Foraminifera. Some of the organisms are macroscopic. Dredge contained a small quantity of the ooze.
29.57	(1.00 %), Radiolaria, a few imperfect red casts of the Foraminifera.	(1.00 %), m. di. 0.07 mm., angular; monoclinic and triclinic feldspars, augite, hornblende, magnetite, glassy volcanic particles.	(27.57 %), amorphous matter, minute mineral and siliceous remains.	Although the primordial chambers of the Foraminifera are abundant, no Coccospheres were observed; Coccoliths are abundant and large. Water-bottle contained some ooze, but there was none in the trawl.
32.40	(1.00 %), Radiolaria, imperfect red casts of pelagic Foraminifera.	(1.00 %), m. di. 0.06 mm., angular; sanidine, augite, magnetite, pumice, manganese grains.	(30.40 %), amorphous matter, fine mineral and siliceous remains.	Note the decrease of carbonate of lime with increasing depth, and consequent increase of amorphous matter in this and the next sounding.
47.78	(1.00 %), Radiolaria, red imperfect casts of Foraminifera.	(1.00 %), m. di. 0.06 mm., angular; sanidine, magnetite, augite, pumice, manganese grains.	(45.78 %), amorphous matter, many fine mineral particles, and remains of Radiolaria.	The dredge brought up some concretions covered with manganese, two or three sharks' teeth and valves of <i>Scalpellum</i> also covered with a thin coating of manganese. The manganese grains found among the residue left on treating the deposit with acid were round, and had a diameter of about 0.1 mm.
41.60	(1.00 %), Radiolaria, Sponge spicules, a few imperfect casts of Foraminifera.	(1.00 %), m. di. 0.08 mm., angular; monoclinic and triclinic feldspars, lapilli of basaltic rocks, magnetite, augite, pumice, brown glassy volcanic particles.	(39.60 %), amorphous matter, fine mineral particles, and siliceous remains.	The deposits are becoming more clayey with increase of depth (see next station).