

Per cent.	RESIDUA.			ADDITIONAL OBSERVATIONS.
	Siliceous Organisms.	Minerals.	Fine Washings.	
100.00	(3.00 %), Radiolaria, a few Spongespicules, Diatoms.	(1.00 %), m. di. 0.08 mm., angular; sanidine, magnetite, hornblende, manganese grains, one microscopic crystal of quartz observed, cosmic spherules.	(96.00 %), amorphous matter, very many fine mineral particles, glassy fragments, and fragments of siliceous organisms.	The deposit does not effervesce when treated with acids, and no carbonate of lime organisms are observed when examined by the microscope, with the exception of a few small teeth of fish. The trawl was much torn when it came up, but contained a quantity of manganese nodules. The nuclei of the nodules consist of pumice, volcanic glass, and <i>Carcharedon</i> teeth.
100.00	(2.00 %), Radiolaria, arenaceous Foraminifera, Spongespicules, Diatoms.	(1.00 %), m. di. 0.06 mm., angular; felspar, hornblende, magnetite, manganese, pumice.	(97.00 %), very many fine mineral particles, glassy fragments, fragments of siliceous organisms, some amorphous matter.	A small dredge was used with swabs, and a tow-net was attached to the dredge and another at the weights. There were some clay and manganese nodules in both the dredge and tow-nets. In the washings of a large quantity of this deposit there were observed one or two <i>Globigerina inflata</i> , and their broken remains, a few specimens of <i>Miliolina</i> , and arenaceous Foraminifera.
100.00	(1.00 %), Radiolaria, Spongespicules, Diatoms.	(1.00 %), m. di. 0.08 mm., angular; broken down pumice, felspar, glassy volcanic particles, hornblende, palagonite, magnetite.	(98.00 %), much red coloured amorphous matter, fine pumice and minerals, siliceous remains.	A large quantity of the clay came up, and in the water-bottle there was a twin nodule of manganese about 1½ inches (38 mm.) in largest diameter. An upper and lower side of the nodule can be seen; it was covered with a reticulated Rhizopod, probably <i>Rhizammia algiformis</i> .
100.00	(1.00 %), Radiolarian fragments.	(1.00 %), m. di. 0.06 mm., angular; pumice, plagioclase, felspar, manganese grains, volcanic glass, hornblende, augite, palagonite, magnetite.	(98.00 %), much amorphous matter, fine mineral particles and a few Radiolarian remains.	The deposit obtained at this station is, in every respect, similar to the previous one. The washings consist largely of broken down pumice. Among the minerals are many manganese grains.
100.00	(1.00 %), Radiolaria, Spongespicules, <i>Trochammina trullisata</i> .	(1.00 %), m. di. 0.08 mm., angular; felspar, volcanic glass, black mica, hornblende, magnetite, manganese grains, palagonite.	(98.00 %), much amorphous matter, fine pumice and other mineral particles and siliceous remains.	A large quantity of the deposit was obtained from the dredge. The greater part was sifted and all passed through the finest sieves, with the exception of some manganese nodules and sharks' teeth, one piece of pumice, about the size of a pigeon's egg, some smaller pieces of pumice, a few worm-tubes, and three or four Foraminifera. The sharks' teeth have a thick coating of manganese. One of the pieces of pumice was red in colour and appeared to be undergoing alteration.
...	The valves of the sounding tube had become jammed and consequently had not opened on reaching the bottom. The outside of the tube was marked for nearly 2 feet with clay of a red colour, and enough was scraped off with the finger for rough examination. This indicated much the same bottom as the last, the great proportion being pumice in a very fine state of division, and there were pieces of black manganese and Radiolarian remains.
100.00	(1.00 %), Spongespicules, a few Radiolaria, Astorhizidae.	(1.00 %), m. di. 0.06 mm., angular; felspar, glassy volcanic particles, magnetite, augite, vesicular lapilli, hornblende, manganese grains.	(98.00 %), much amorphous matter (pumice), mineral and siliceous remains.	About a pint (over half a litre) of the clay of a uniform character came up in the sounding tube. It was of a similar nature to the last two or three soundings.
100.00	(1.00 %), a few Radiolaria, <i>Rhizammia algiformis</i> , <i>Haplophragmium latidosatum</i> .	(1.00 %), m. di. 0.06 mm., angular; vesicular lapilli, plagioclase, felspar, volcanic glass, magnetite, hornblende, augite, palagonite, olivine, glauconite.	(98.00 %), much red-brown amorphous matter, disintegrated pumice, fine minerals, and remains of siliceous organisms.	A considerable quantity of the bottom was obtained in the sounding tube; it was composed chiefly of red and brown amorphous matter, disintegrated pumice, and volcanic ashes. Several pieces of pumice, about the size of a pea, were obtained when washing a quantity of the clay.