

RESIDUE.				ADDITIONAL OBSERVATIONS.
Per cent.	Siliceous Organisms.	Minerals.	Fine Washings.	
95·84	(3·00 %), Sponge spicules, Astorhizidae, Lituolidae, Textularidae, Diatoms.	(65·00 %), m. di. 0·20 mm., rounded and angular; mica, quartz, plagioclase, hornblende, rhombic pyroxene, glauconite, small fragments of crystalline rocks.	(27·84 %), amorphous matter, many fine mineral particles, and some siliceous remains.	These three deposits are similar to each other, but vary as to amorphous matter, number of shell fragments, and mineral particles. Many of the Foraminifera shells are filled with glauconite, which remains as casts on treatment with acid. At the second station many of the mineral fragments measure from 0·5 to 2 mm.
100·00	(2·00 %), Sponge spicules, Astorhizidae, Textularidae, Diatoms.	(1·00 %), m. di. 0·10 mm., rounded and angular; orthoclase, plagioclase, quartz, hornblende, tourmaline, splinters of schisto-crystalline and volcanic rocks, glauconite.	(97·00 %), much fine clayey matter, some mineral and siliceous remains.	Two soundings were taken on this date. The deposits are similar, the former containing perhaps larger traces of carbonate of lime, while the latter disintegrates more readily in water. The organisms noted were obtained from the washings of the trawl.
100·00	(1·00 %), Sponge spicules, a few Diatoms.	(75·00 %), m. di. 0·15 mm., rounded and angular; quartz, felspar, plagioclase, green hornblende, chlorite, zircon, epidote, particles of crystalline rocks.	(24·00 %), fine clayey matter of a blue-grey colour, fine mineral fragments, a few remains of Sponge spicules and Diatoms.	There was very little effervescence with acid indicating only traces of carbonate of lime. The minerals are small, the largest being only about 0·5 mm. in diameter.
71·16	(2·00 %), Sponge spicules, Textularidae, glauconitic casts, a few Diatoms	(85·00 %), m. di. 0·15 mm., angular and rounded; quartz, felspar, plagioclase, augite, hornblende, black and white mica, zircon, glauconite, fragments of crystalline rocks.	(34·16 %), clayey matter, mineral particles, a few siliceous remains.	A few glauconitic casts remain after treatment with acid. Some pebbles and rock fragments, measuring from 1 mm. to 4 cm. in diameter, were embedded in the deposit.
100·00	(1·00 %), <i>Clavulina communis</i> .	(30·00 %), m. di. 0·20 mm., angular and rounded; quartz, plagioclase, felspar, brown hornblende, augite, pumice, magnetite, lapilli.	(69·00 %), fine clayey matter, minute mineral fragments.	Some rock fragments, measuring over 1 cm. in diameter, were noticed. The felspar contains brown glassy inclusions. The mineral particles seem to be the product resulting from the disintegration of a coarse-grained modern volcanic rock or a coarse volcanic ash, but if this be the case glassy particles are very rare.
100·00	(1·00 %), Sponge spicules, <i>Ammodiscus incertus</i> , a few Diatoms.	(3·00 %), m. di. 0·10 mm., rounded; quartz, olivine, felspar, zircon, mica, hornblende.	(96·00 %), much blue-grey clayey matter, and some fine mineral particles.	The mud is of a much finer character than that obtained at the previous stations.
65·93	(1·00 %), Sponge spicules, Textularidae, casts, Diatoms.	(2·00 %), m. di. 0·10 mm., angular and rounded; quartz, felspar, plagioclase, hornblende, augite, zircon, glauconite, glaucophane, epidote, altered glauconite.	(62·93 %), amorphous matter, fine mineral fragments, and some siliceous remains.	Imperfect casts of Foraminifera remain after treating the deposit with acid.