Residue.				Additional Observations.
Per cent.	Siliceous Organisms.	Minerals.	Fine Washings.	
62·82	(1·00 %), Sponge spicules, Lituolidæ.	(15·00 %), m. di. 0·15 mm., angular and rounded; quartz, mica, hornblende, augite, felspar, zircon.	(46·82 %), amorphous matter, with many minute mineral particles.	The mineral particles are angular and rounded and very abundant. With the exception of the Foraminifera the organisms are all fragmentary.
51·39	(1·00 %), a few Radiolaria, Sponge spicules, one or two imperfect casts of Foraminifera, Lituolidæ.	(10·00 %), m. di. 0·10 mm., angular; quartz, mica, hornblende, felspar, zircon.	(40·39 %), amorphous matter, with many minute mineral particles.	The Foraminifera in some instances give internal casts, which are hollow and imperfect, black or red, the colour being due to iron or carbonaceous matter. Most of the organisms are fragmentary; some are macroscopic.
61·07	(1·00 %), Sponge spicules, Astrorhizidæ, Lituolidæ.	(25·00 %), m. di. 0·10 mm., rounded and angular; quartz, felspar, mica, hornblende, zircon.	(35·07 %), amorphous matter, with many minute mineral particles.	Many of the shells are macroscopic. The particles of quartz are mostly angular, but sometimes rounded and covered with limonite; felspars are kaolinised; zircon is rare.
61·44	(1·00 %), Sponge spicules, Astrorhizidæ, Lituolidæ.	(15·00 %), m. di. 0·12 mm., rounded and angular; quartz, plagioclase, zircon.	(45·44 %), amorphous matter, with many minute mineral particles.	The percentage of "other carbonate of lime organisms" appears low when compared with preceding and following stations, but the specimen examined did not seem to justify a higher estimate.
57·85	(1·00 %), Sponge spicules, Astrorhizidæ, Lituolidæ.	(15·00 %), m. di. 0·30 mm., rounded and angular; quartz, mica, felspar, hornblende, tourmaline, glassy volcanic particles.	(41·85 %), amorphous matter, with a great number of minute mineral particles.	The washings of the mud from the trawl and dredge gave a great many small Gasteropod and Lamellibranch shells, fragments of Echinoderms, Sponges, Polyzoa, &c. The minerals are generally angular, but in the washings from the trawl there were large rounded grains of milky quartz. The felspar is sometimes kaolinised.
50·90	(1·00 %), Sponge spicules, Astrorhizidæ, Lituolidæ.	(25·00 %), m. di. 0·30 mm., rounded and angular; quartz, mica, augite, tourmaline, a few glassy volcanic particles.	(24·90 %), amorphous matter, many fine mineral particles, and a few minute fragments of siliceous spicules.	Both the trawl and dredge were worked in depths which probably varied between the 350 fathoms of Station 122, and 120 fathoms of this station. Some large rounded grains of milky quartz approaching 4 mm. in diameter were obtained in the washings of the trawl. Many of the pelagic and bottom-living organisms are macroscopic; the larger of these are chiefly fragmentary. Among the minerals the quartz is very abundant.
...	...	...	...	All the deposits along this Brazilian coast have a red colour; some of the Globigerina Oozes might, from the nature and abundance of minute mineral particles, be called Red Muds.
...	..	...	...	
45·48	(1·00 %), Sponge spicules, one or two Radiolaria, Astrorhizidæ, Lituolidæ, imperfect casts.	(1·00 %), m. di. 0·10 mm., angular; quartz, mica, felspar, hornblende, augite, a few volcanic particles some of them glassy.	(43·48 %), amorphous matter, flocculent matter, many fine mineral particles, and minute fragments of siliceous spicules.	Some of the shells are macroscopic. A few red coloured casts of the pelagic Foraminifera were obtained in the residue after treatment with acid.