

RESIDUE.				ADDITIONAL OBSERVATIONS.
Per cent.	Siliceous Organisms.	Minerals.	Fine Washings.	
6.30	(1.00 %), Sponge spicules.	(1.00 %), m. di. 0.08 mm., angular; felspar, pyroxene or hornblende, pumice.	(4.30 %), fine amorphous matter and a few fine mineral particles.	Nothing was obtained in the sounding tube, but in the trawl there were fragments of a hard, irregular, honey-combed conglomerate of a yellow-white colour, coated in parts with manganese and overgrown with <i>Serpula</i> , Polyzoa, and Sponges. The largest fragment measured 12 by 8 inches (30 by 20 cm.), and was not unlike those obtained on September 26, but much harder and the organisms were less apparent. Microscopic sections show the whole mass to be composed for the most part of Foraminifera and calcareous Algae, transformed into a crystalline limestone. Microscopic crystals of carbonate of lime have been formed in all the hollows of these concretions, and the cement is also crystalline. From consideration of the organisms, this deposit, unlike that at Station 192A, has been formed in comparatively shallow water. In addition to the rock fragments, there were also pieces of Corals. In the residue after acid there were observed a number of small rounded bodies, isolated or grouped, yellow and transparent; these must be organic.
...	...	...	...	Only a trace of the bottom came up in the sounding tube, and this was a fine sandy mud formed of red, white, and black mineral particles, mixed with a few small Foraminifera and Radiolaria. There was also an angular pebble of augite-andesite, much decomposed and coated with manganese.
100.00	(3.00 %), Sponge spicules, Lituolide.	(45.00 %), m. di. 0.20 mm., angular; felspar, plagioclase, pyroxene, hornblende, magnetite, pumice, palagonite, lapilli.	(52.00 %), amorphous matter of a brown colour and many fine mineral particles.	In the trawl there came up one or two pieces of rock about an inch in diameter, volcanic conglomerate the same as found off Geonong Api, several palm fruits, and pieces of wood and bark.
100.00	(2.00 %), Sponge spicules, <i>Reophax nodulosa</i> , <i>Gaudryina siphonella</i> , Diatoms.	(48.00 %), m. di. 0.10 mm., angular; plagioclase, pyroxene, hornblende, magnetite, pumice, vitreous lapilli.	(50.00 %), fine amorphous brown coloured matter, many fine mineral particles, and a few siliceous remains.	There were many small fragments of pumice.
...	...	...	...	Only a small quantity of mud was brought up. It was green in colour and contained Diatoms, Coccoliths, <i>Globigerina</i> , Radiolaria, and small mineral particles.
...	...	...	...	Four or five small pebbles came up in the sounding tube, some basaltic, others limestone. The former were covered with attached Foraminifera of various kinds.
100.00	(1.00 %), Radiolaria and a few Diatoms.	(5.00 %), m. di. 0.08 mm., angular; magnetite, felspar, plagioclase, quartz, augite, hornblende, pumice, coloured altered particles, brown volcanic glass, small basaltic lapilli.	(94.00 %), amorphous matter.	The deposit which came up in the tube and water-bottle was exceedingly soft and of a slate blue colour, with here and there a tinge of red.
...

Amboina to Samboangan.

Samboangan to Manila.