

Per cent.	RESIDUE.			ADDITIONAL OBSERVATIONS.
	Siliceous Organisms.	Minerals.	Fine Washings.	
14.96	(1.00 %), Radiolaria, Sponge spicules, Lituolidae.	(1.00 %), m. di. 0.06 mm., angular; fragments of felspar, glassy volcanic particles, augite, hornblende.	(12.96 %), amorphous matter, fine mineral particles, and minute fragments of siliceous organisms.	Glassy volcanic particles are abundant in this deposit, many of them pale green or red owing to decomposition. Plagioclase, hornblende, and augite fragments are rare. The Foraminifera are exceptionally small, and <i>Pulvinulina menardii</i> was not observed.
19.96	(1.00 %), Radiolaria, Sponge spicules, Astrorhizidae, Lituolidae.	(1.00 %), m. di. 0.06 mm., angular; quartz, felspar, hornblende, mica, volcanic glass.	(11.96 %), amorphous matter, many fine mineral particles, fragments of siliceous spicules.	The trawl brought up <i>Ianthina</i> shells occupied by <i>Pagurus</i> . The Foraminifera are very minute and all the typical tropical forms have disappeared. Rounded grains of quartz are very rare.
40.82	(1.00 %), a few Radiolaria and Sponge spicules, Lituolidae.	(5.00 %), m. di. 0.06 mm., chiefly angular, a few rounded; quartz, felspar, hornblende, magnetite, black mica, pumice, red and brown rounded glassy particles.	(34.82 %), amorphous matter, many fine black and other mineral particles, and a few fragments of siliceous organisms.	...
93.07	(1.00 %), a few Radiolaria, Lituolidae, Diatoms.	(80.00 %), m. di. 0.50 mm., angular; magnetite, augite, hornblende, pumice, volcanic glass sometimes altered to palagonite.	(12.07 %), many fine mineral particles, amorphous matter, a few fragments of Radiolaria and Diatoms.	Some of the fragments of volcanic rocks found in this deposit have a diameter of from 1 to 3 mm.; fragments of felspathic rocks are numerous. Some of the shells are macroscopic.
...	...	...	...	The dredge brought up a few volcanic rock fragments.
...	...	...	...	The material brought up by the sounding tube indicated a hard shelly bottom.
4.00	(1.00 %), Sponge spicules, Lituolidae.	(2.00 %), m. di. 0.30 mm., angular and rounded; sanidine, plagioclase, augite, hornblende, black mica, olivine, glassy volcanic particles, magnetite, lapilli.	(1.00 %), a small quantity of flocculent organic matter, minute mineral particles, a few fragments of siliceous spicules.	There are one or two fragments of basaltic lava from 3 to 4 cm. in diameter, in which can be distinguished crystals of augite and magnetite; these are surrounded by a red zone of decomposition. It may be safely said that the bulk of this deposit is made up of Polyzoa.
...	...	...	...	Similar in every respect to the above.
...
...	...	...	...	The dredge brought up several large pumice stones.
...

Bahia to Tristan da Cunha—continued.

Of Tristan da Cunha.