Residue.				Additional Observations.	
Per cent.	Siliceous Organisms.	Minerals.	Fine Washings.		
60·75	(3·00 %), Radiolaria, Sponge spicules, Diatoms.	(10·00 %), m. di. 0·15 mm., angular; felspar, augite, magnetite, volcanic glass, fragments of volcanic rocks, olivine.	(47·75 %), amorphous matter, with fragments of minerals, Radiolaria, Sponge spicules, and Diatoms.	Some of the shells of Foraminifera and fragments of other organisms are macroscopic. The fine washings are chiefly made up in these deposits, as well as in many others similarly situated, of minute mineral particles less than 0·02 mm. in diameter.	Off Cape Verde Islands—*continued.*
52·48	(2·00 %), Radiolaria, Sponge spicules, arenaceous Foraminifera, Diatoms.	(5·00 %), m. di. 0·10 mm., angular; fragments of volcanic rocks and volcanic glass, olivine, felspar, magnetite, augite, black mica.	(45·48 %), amorphous matter, with minute fragments of minerals and siliceous organisms.		
45·71	(1·00 %), a few Radiolaria and Diatoms.	(1·00 %), m. di. 0·08 mm., angular, except a few rounded fragments of quartz; fragments of volcanic rocks some of them vitreous, augite, hornblende, magnetite, olivine, palagonite, manganese grains.	(43·71 %), amorphous matter, with minute fragments of minerals and siliceous organisms.	All the pelagic Foraminifera, of which this deposit is chiefly composed, are very large and well developed forms, especially *Pulvinulina menardii*. Many of these Foraminifera appear to show striking indication of having been acted upon by some solvent.	
69·85	(1·00 %), a few Radiolaria, Lituolidæ, Diatoms.	(1·00 %), m. di. 0·06 mm., angular; felspar, augite, hornblende, magnetite.	(67·85 %), much flocculent amorphous matter, with minute particles of minerals, Radiolaria, and Diatoms.	Fine washings more than half made up of mineral fragments less than 0·02 mm. in diameter. This deposit might be called a Red Clay.	
37·78	(1·00 %), Radiolaria, Astrorhizidæ, Lituolidæ, imperfect brown casts, Diatoms.	(1·00 %), m. di. 0·07 mm., generally angular; felspar, hornblende, round green fragments resembling glauconite.	(35·78 %), amorphous matter, with minute mineral particles and fragments of siliceous organisms.	The dredge brought up some dark coloured ooze, the colour being due to land detritus. There were small yellow grains in the deposit, which on micro-analysis were found to be phosphate of lime.	
93·78	(1·00 %), Radiolaria and Diatoms.	(35·00 %), m. di. 0·10 mm., angular; felspar, plagioclase, quartz, mica, hornblende, zircon, glauconite, a good many small manganese grains.	(57·78 %), flocculent amorphous matter, many minute mineral particles, fragments of siliceous organisms.	This deposit contains much amorphous clayey matter and many fine mineral particles. The glauçonite in the deposit at this and the last station is represented by one or two grains.	St. Vincent to St. Paul's Rocks.
33·73	(1·00 %), a few Radiolaria, Astrorhizidæ, Lituolidæ.	(2·00 %), m. di. 0·06 mm., angular; sanidine, hornblende, magnetite.	(30·73 %), flocculent amorphous matter, with many small mineral particles.	Only a small quantity of this deposit came up. The subjoined analysis was made with less than half a gramme. The specimen does not appear to be quite so dark coloured as that obtained in 1876 at nearly the same place. As at Station 98 the specimens of *Pulvinulina menardii* predominate.	
...	...	...	...	Some traces of deposit on outside of the tube.	
28·30	(2·00 %), Radiolaria, Lituolidæ, Diatoms.	(1·00 %), m. di. 0·13 mm., angular; felspar, augite, magnetite, a few manganese grains.	(25·30 %), amorphous matter, with minute mineral particles.	This deposit still shows traces of land detritus.	
...	...	...	...	Some traces of deposit on outside of tube.	
10·53	(1·00 %), Radiolaria, Lituolidæ, Diatoms.	(1·00 %), m. di. 0·06 mm., angular; fragments of sanidine and pumice, manganese grains.	(8·53 %), amorphous matter and minute mineral particles.	Note the increase of carbonate of lime in the lesser depths. Some ooze in the trawl.	
19·53	(1·00 %), a few Radiolaria.	(1·00 %), m. di. 0·15 mm., angular; sanidine, augite, glassy volcanic particles, magnetite, one small piece of pumice observed.	(17·53 %), clayey matter and fine mineral particles.	Owing to some rusty particles from the sounding tube becoming mixed with the deposit, the percentage of carbonate of calcium in the accompanying analysis is probably less than it ought to be.	
15·10	(1·00 %), Radiolaria, a few arenaceous Foraminifera, Diatoms.	(1·00 %), m. di. 0·07 mm., angular; olivine, magnetite, enstatite, actinolite, chromite, serpentine.	(13·10 %), amorphous matter, with many minute mineral particles.	Mineral particles evidently from St. Paul's Rocks.	Off St Paul's Rocks.