

RESIDUE.				ADDITIONAL OBSERVATIONS.
Per cent.	Siliceous Organisms.	Minerals.	Fine Washings.	
22.10	(2.00 %), Spongo spicules, Litu- olidæ, Textularidæ, glauconi- tic casts, Diatoms.	(15.00 %), m. di. 0.50 mm., angular and rounded; quartz often covered with limonite, tourmaline, felspar, glauconite.	(5.10 %), flocculent amorphous matter, fine mineral particles, fragments of Diatoms.	Two dredgings were taken, one in 6 and another in 8 fathoms. The characters were similar in both cases, and also similar to the deposits taken on the previous day. There is less red coloured material than at the previous station, but on the other hand the glauconite is more abundant. The red material of these and the preceding stations, on treatment with acid, breaks up readily, only a few of the organisms retaining their characteristic outlines. Calcareous con- cretionary nodules were also observed. Quartz is the chief mineral.
41.30	(3.00 %), Spongo spicules, Litu- olidæ, casts of Foraminifera, Diatoms.	(45.00 %), m. di. 0.20 mm., rounded; quartz, glauconite, felspar, hornblende, fragments of rocks.	(13.30 %), ferruginous amor- phous matter and small frag- ments of minerals.	One or two casts of the Foraminifera of a yellow colour remained after treatment with acid. Calcareous con- cretionary nodules about 3 cm. in diameter were observed here as in the preceding deposits.
68.87	(3.00 %), glauconitic casts, Tex- tularidæ, Spongo spicules, a few Diatoms.	(25.00 %), m. di. 0.20 mm., rounded; quartz, glauconite, green mica, tourmaline, zir- con.	(40.87 %), amorphous green- grey and other matter, fine mineral particles, and a few siliceous remains.	In this deposit there were calcareous nodules as at Stations 186 and 187, but much smaller in size and in some cases dark in colour, due to the impregnation with black oxide of manganese. The glauconite is more abundant than in the four preceding stations.
76.96	(2.00 %), Spongo spicules, <i>Hy- perammina</i> , a few casts.	(50.00 %), m. di. 0.10 mm., angular; quartz, glauconite, large fragments of felspar.	(24.96 %), fine mineral particles, flocculent green amorphous matter.	The calcareous nodules in this deposit are about 6 inches long in some cases, and are covered with <i>Serpula</i> , Corals, Polyzoa, <i>Polytrema</i> , <i>Carpenteria</i> , and <i>Hyperam- mina</i> . After acid there remained a greenish red residue of imperfect casts of organisms, minerals, &c. There is much amorphous matter in this deposit, some of which is transparent, with a green tint; it shows aggregate polarisation. This matter is probably to be referred to glauconite. There are also present some small fragments of calcite.
58.40	(2.00 %), Radiolaria, Spongo spicules, a few pale green casts of Foraminifera.	(30.00 %), m. di. 0.10 mm., rounded and angular; quartz, felspar, tourmaline, glauco- nite, zircon.	(26.40 %), amorphous matter, fine mineral particles, and a few fragments of siliceous organisms.	This deposit is similar to the last. There are more pelagic Foraminifera here than in the five previous deposits. No calcareous concretionary nodules were found.
86.06	(1.00 %), Spongo spicules, Radio- laria, Lituolidæ, Diatoms.	(1.00 %), m. di. 0.06 mm., angu- lar; quartz, felspar, horn- blende, glauconite, zircon.	(84.05 %), much fine green amor- phous and clayey matter, with small fragments of minerals and siliceous organisms.	Among the organisms in this deposit there were worm- tubes formed of the clayey material. Fragments of wood, twigs, and seeds, were also present.
59.80	(1.00 %), Spongo spicules, glau- conitic casts.	(1.00 %), m. di. 0.06 mm., angular; quartz, felspar, glauconite, pumice.	(57.80 %), amorphous green coloured matter, fine mineral particles, and a few fragments of Spongo spicules.	There was a large quantity of mud in the sounding tube; that on the top was of a green colour tinged with brown, while at the bottom it was more clayey with a blue tinge. After treatment with acid there remained pale and dark green glauconitic grains and casts. There were some concretions of <i>Globigerina</i> Ooze cemented into a fine almost opaque paste of carbonate of calcium. In the concretions some of the <i>Globigerinidæ</i> are filled with glauconite.
91.70	(1.00 %), a few Spongo spicules, casts of Foraminifera, Litu- olidæ.	(1.00 %), m. di. 0.08 mm., angular; glauconite (irregular or spherical grains), quartz, felspar, rarely thin greenish scales of a chloritic mineral, green pyroxene.	(89.70 %), amorphous matter, a few small fragments of minerals.	Several soundings were taken, at two of which there were traces of Coral Sand on the lead. At 3.30 p.m., south of the Tionfolokker Islands, the Blue Mud described was obtained. Near the same place two hauls of the trawl were taken, and the deposit obtained was a Coral Sand with large perforated fragments of calcareous rock.