

See Charts 31 and 32, and Diagram 14.

Number of Station.	Date.	Position.	Depth in Fathoms.	Temperature of the Sea-water. (Fahr.).		Designation and Physical Characters.	CARBONATE OF CALCIUM.		
				Bottom	Surface		Per cent.	Foraminifera.	Other Organisms.
Cape York to Arron Islands.— <i>continued.</i>	187	1874 Sept. 9 " " " 10 36 0 S. 141 56 0 E.	6-8	...	77.7	DEPOSIT composed of sand and shells. Residue green-brown.	77.90	(45.00 %), Miliolidae, Textularidae, Rotalidae, Nummulinidae.	(32.90 %), <i>Serpula</i> , Gasteropods, Lamellibranchs, Pteropod fragments, Echinoderm fragments, Polyzoa, calcareous Alge.
	188	" 10 9 59 0 S. 139 42 0 E.	28-30	...	78.5	DEPOSIT composed of sand and shells, green-grey. Residue pale grey.	38.70	(15.00 %), Miliolidae, Textularidae, Lagonidae, Rotalidae.	(23.70 %), <i>Serpula</i> , Gasteropods, Lamellibranchs, Ostracodes, fragments of Echinoderms, Alcyonarian spicules, Polyzoa, one or two Coccoliths.
	*189	" 11 9 36 0 S. 137 50 0 E.	28	...	79.0	GREEN MUD, pale green-grey, gritty, coherent when dry, containing shell fragments and calcareous concretions. Residue green-grey.	31.13	(10.00 %), Miliolidae, Textularidae, Rotalidae, Nummulinidae.	(21.13 %), Otoliths of fish, <i>Serpula</i> , Gasteropods, Lamellibranchs, Ostracodes, Echinoderm fragments, Polyzoa.
	190	" 12 8 56 0 S. 136 5 0 E.	49	...	79.2	GREEN MUD, green-grey, coherent, breaking up with difficulty in water, containing large fragments of Lamellibranchs and large calcareous concretionary nodules. Residue green.	23.04	(1.00 %), <i>Globigerina rubra</i> . (3.00 %), Miliolidae, Lagonidae, Textularidae, Rotalidae, Nummulinidae.	(10.04 %), <i>Serpula</i> , Gasteropods, Lamellibranchs, Ostracodes, valves of <i>Balanus</i> , Echinoderm fragments, Polyzoa, Corals.
	...	" 16 Arafura Sea.	65	GREEN MUD, green-grey, slightly coherent, breaking up in water. Residue dark green.	41.60	(10.00 %), <i>Globigerinidae</i> , <i>Pulvinulina</i> . (10.00 %), Miliolidae, Lagonidae, Textularidae, Rotalidae, Nummulinidae.	(21.60 %), <i>Serpula</i> , Gasteropods, Lamellibranchs, Pteropods, Ostracodes, Echini spines, Alcyonarian spicules, Polyzoa.
Arron Islands to Banda.	191	" 23 5 41 0 S. 134 4 30 E.	800	39.5	82.2	GREEN MUD, very plastic when wet, soft to the touch, coherent when dry. Residue green with brown tinge.	13.95	(8.00 %), <i>Globigerinidae</i> , <i>Pulvinulina</i> . (2.00 %), Miliolidae, Textularidae, Lagonidae, Rotalidae.	(3.95 %), Gasteropods, Lamellibranchs, Ostracodes, Echinoderm fragments, calcareous Alge.
	191A	" 24 5 26 0 S. 133 19 0 E.	580	40.7	81.5	GREEN MUD, dark grey with green tinge, coherent when dry, plastic when wet. Residue dark green.	40.20	(30.00 %), <i>Globigerinidae</i> , <i>Pulvinulina</i> . (3.00 %), Miliolidae, Textularidae, Lagonidae, Rotalidae, Nummulinidae.	(7.20 %), Otoliths of fish, Pteropods, Ostracodes, Echini spines, one or two Coccoliths.
	192	" 26 5 49 15 S. 132 14 15 E.	140	...	82.0	BLUE MUD, green-grey when dry, plastic, coherent, breaking up with difficulty in water, lustrous streak. Residue dark green.	8.30	(4.00 %), <i>Globigerinidae</i> , <i>Pulvinulina</i> . (2.00 %), Miliolidae, Textularidae, Lagonidae, Rotalidae, Nummulinidae.	(2.30 %), Otoliths of fish, Gasteropods, Lamellibranchs, Pteropods, Heteropods, Ostracodes, Echinoderm fragments, Alcyonarian spicules.

* See Pl. XXVII. fig. 6.