See Charts 23 and 24, and Diagrams 9 and 10.

	Number of Station.	Date.	Position.	Depth in Fathoms.	Temperature of the Sea-water. (Fahr.) Bottom	Temperature of the Sea-water. (Fahr.) Surface	Designation and Physical Characters.	Carbonate of Calcium. Per cent.	Foraminifera.	Other Organisms.
		1874	° ′ ″		°	°				
In Vicinity of Antarctic Ice.	152	Feb. 11	60 52 0 S. 80 20 0 E.	1260	...	34·5	Diatom Ooze, pale straw-coloured when wet, when dry white and presenting the appearance of flour, very fine. **Residue** white or pale rose, very slightly plastic.	22·47	(20·00 %), Globigerinidæ. (1·00 %), Miliolidæ, Rotalidæ.	(1·47 %), Gasteropods, Lamellibranchs (rare).
	153	,, 14	65 42 0 S. 79 49 0 E.	1675	...	29·5	Blue Mud, grey when dry, unctuous, sticky, coherent, containing many hard particles. **Residue** grey.	3·50	(2·00%), Globigerinidæ, a few Textularidæ, Lagenidæ, Rotalidæ.	(1·50 %), Gasteropods, Lamellibranchs, Ostracodes, Echinoderm fragments, Polyzoa.
	154	,, 19	64 37 0 S. 85 49 0 E.	1800	...	32·0	Blue Mud, grey when dry, coherent, sublustrous streak, presenting hard particles to the touch. **Residue** dark grey.	1·00	Globigerinidæ and *Miliolina*.	...
	155	,, 23	64 18 0 S. 94 47 0 E.	1300	...	31·0	Blue Mud, grey when dry, unctuous, coherent, sublustrous streak, earthy. **Residue** brown.	11·84	(9·00 %), Globigerinidæ. (1·00 %), Miliolidæ, Lagenidæ, Rotalidæ.	(1·84 %), fragments of Echini spines.
	156	,, 26	62 26 0 S. 95 44 0 E.	1975	...	33·0	Diatom Ooze, brown when wet, white or dirty white when dry, soft to the touch, resembling flour. **Residue** yellow-white.	2·08	Chiefly *Globigerina*, a few *Truncatulina*.	...
Termination Land to Melbourne.	*157	Mar. 3	53 55 0 S. 108 35 0 E.	1950	32·1	37·2	Diatom Ooze, straw coloured when wet, white when dry, very light, extremely fine particles, soft to the touch, coherent under pressure, and resembling flour in many respects. **Residue** white.	19·29	(10·00 %), Globigerinidæ. (4·00 %), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ, Nummulinidæ.	(5·29 %), Otoliths and teeth of fish, worm tubes, Gasteropods, Lamellibranchs, Ostracodes, fragments of Echini, Polyzoa.
	†158	,, 7	50 1 0 S. 123 4 0 E.	1800	33·5	45·0	Globigerina Ooze, white with slight rose tint, granular, pulverulent. **Residue** yellow.	85·31	(75·00 %), Globigerinidæ, *Pulvinulina*. (2·00 %), Miliolidæ, Textularidæ, Lagenidæ, Rotalidæ, Nummulinidæ.	(8·31 %), Scales of fish, worm tubes, Ostracode valves, Echinoderm fragments, Coccoliths.
	159	,, 10	47 25 0 S. 130 22 0 E.	2150	34·5	51·5	Globigerina Ooze, grey with a red tinge, granular, slightly coherent. **Residue** brown.	87·90	(75·00 %), Globigerinidæ, *Pulvinulina*. (1·00 %), Miliolidæ, Textularidæ, Rotalidæ, Nummulinidæ.	(11·90 %), Ostracode valves, Echini spines, Coccoliths, Rhabdoliths.

* See anal. 31, 32 ; Pl. XV. figs. 1*a*, 1*b*.

† See Pl. XII. fig. 4.