40. Globigerina Ooze.—Station 16.

Lat. 20° 39′ N., long. 50° 33′ W., 2435 fathoms (Brazier).

	Loss on ignition after drying at 230° Fahr.,	9·60
Portion soluble in Hydrochloric Acid = 78·40 =	Alumina,	4·00
	Ferric oxide,	7·10
	Calcium phosphate,	small trace
	Calcium sulphate,	2·32
	Calcium carbonate,	52·22
	Magnesium carbonate,	0·76
	Silica,	12·00
Portion insoluble in Hydrochloric Acid = 12·00 =	Alumina, Ferric oxide,	2·96
	Lime,	0·64
	Magnesia,	0·40
	Silica,	8·00
		100·00

Note.—When treated with dilute hydrochloric acid this substance evolved a perceptible tarry odour.

41. Globigerina Ooze.—Station 17.

Lat. 20° 7′ N., long. 52° 32′ W., 2385 fathoms (Brazier).

	Loss on ignition after drying at 230° Fahr.,	6·84
Portion soluble in Hydrochloric Acid = 83·44 =	Alumina,	2·69
	Ferric oxide,	9·05
	Calcium phosphate,	1·74
	Calcium sulphate,	0·81
	Calcium carbonate,	58·40
	Magnesium carbonate,	0·68
	Silica,	10·07
Portion insoluble in Hydrochloric Acid = 9·72 =	Insoluble residue, principally alumina and ferric oxide, with silica,	9·72
		100·00

Note.—Material at command only 27·80 grains; this yielded :—

Loss on ignition,	1·90	gr.
Soluble in acid,	23·20	,,
Insoluble ,,	2·70	,,
	27·80	,,

42. Globigerina Ooze.—Station 64.

Lat. 35° 35′ N., long. 50° 27′ W., 2700 fathoms (Brazier).

	Loss on ignition after drying at 230° Fahr.,	7·90
Portion soluble in Hydrochloric Acid = 65·39 =	Alumina,	4·75
	Ferric oxide,	5·95
	Calcium phosphate,	2·80
	Manganese oxide,	trace
	Calcium sulphate,	0·29
	Calcium carbonate,	37·51
	Magnesium carbonate,	1·13
	Silica,	12·96
Portion insoluble in Hydrochloric Acid = 26·71 =	Alumina,	6·35
	Ferric oxide,	1·08
	Lime,	0·41
	Magnesia,	0·12
	Silica,	18·75
		100·00