

37. GLOBIGERINA OOZE.—Station 13.

Lat. 21° 38' N., long. 44° 39' W., 1900 fathoms (Brazier).

	Loss on ignition after drying at 230° Fahr.,	6.68
Portion soluble in Hydrochloric Acid = 82.14	} — { Alumina, Ferric oxide, Calcium phosphate, Calcium sulphate, Calcium carbonate, Magnesium carbonate,	5.86
		small trace
		0.51
		74.50
		1.27
Portion insoluble in Hydrochloric Acid = 11.23	} — { General residue, consisting of soluble silica with the insoluble silicates,	11.23
		<hr/> 100.00

NOTE.—Material at command only 19.60 grains; this yielded:—

Loss on ignition,	1.30 gr.
Soluble in acid,	16.10 „
Insoluble „	2.20 „
	<hr/> 19.60 „

38. GLOBIGERINA OOZE.—Station 14.

Lat. 21° 1' N., long. 46° 29' W., 1950 fathoms (Brazier).

	Loss on ignition after drying at 230° Fahr.,	4.58
Portion soluble in Hydrochloric Acid = 90.82	} — { Alumina, Ferric oxide, Calcium phosphate, Calcium sulphate, Calcium carbonate, Magnesium carbonate, Silica,	3.83
		1.12
		1.20
		79.17
		1.40
Portion insoluble in Hydrochloric Acid = 4.60	} — { Insoluble residue, principally alumina and ferric oxide, with silica,	4.60
		<hr/> 100.00

NOTE.—Material at command only 24 grains; this yielded:—

Loss on ignition,	1.10 gr.
Soluble in acid,	21.80 „
Insoluble „	1.10 „
	<hr/> 24.00 „

39. GLOBIGERINA OOZE.—Station 15.

Lat. 20° 49' N., long. 48° 45' W., 2325 fathoms (Brazier).

	Loss on ignition after drying at 230° Fahr.,	4.17
Portion soluble in Hydrochloric Acid = 87.50	} — { Alumina, Ferric oxide, Calcium phosphate, Calcium sulphate, Calcium carbonate, Magnesium carbonate, Silica,	6.25
		large trace
		1.91
		67.60
		2.58
Portion insoluble in Hydrochloric Acid = 8.33	} — { Insoluble residue, principally alumina and ferric oxide, with silica,	8.33
		<hr/> 100.00

NOTE.—Material at command only 12 grains; this yielded:—

Loss on ignition,	0.50 gr.
Soluble in acid,	10.50 „
Insoluble „	1.00 „
	<hr/> 12.00 „