

62. PTEROPOD Ooze (after the finer parts had been washed away).—Station 24.

Lat. 18° 38' 30" N., long. 65° 5' 30" W., 390 fathoms (Brazier).

	Loss on ignition after drying at 230° Fahr.,	2.00
Portion soluble in Hydrochloric Acid = 94.10	{ Alumina,	0.80
	{ Ferric oxide,	3.06
	{ Calcium phosphate,	2.44
	{ Manganese oxide,
	{ Calcium sulphate,	0.73
	{ Calcium carbonate,	82.66
	{ Magnesium carbonate,	0.76
Portion insoluble in Hydrochloric Acid = 3.90	{ Silica,	3.65
	{ Consisting of alumina and ferric oxide, with silica,	3.90
		<hr/> 100.00

63. BLUE MUD.—Station 213.

Lat. 5° 47' N., long. 124° 1' E., 2050 fathoms (Brazier).

	Loss on ignition after drying at 230° Fahr.,	4.92
Portion soluble in Hydrochloric Acid = 42.24	{ Alumina,	7.75
	{ Ferric oxide,	7.50
	{ Calcium phosphate,	trace
	{ Manganese oxide,	good trace
	{ Calcium sulphate,	0.58
	{ Calcium carbonate,	1.75
	{ Magnesium carbonate,	1.14
Portion insoluble in Hydrochloric Acid = 52.84	{ Silica,	23.52
	{ Alumina,	7.33
	{ Ferric oxide,	3.73
	{ Lime,	1.63
	{ Magnesia,	0.81
	{ Silica,	39.84
		<hr/> 100.00

64. BLUE MUD.—Station 323.

Lat. 35° 39' S., long. 50° 47' W., 1900 fathoms (Brazier).

	Loss on ignition after drying at 230° Fahr.,	5.60
Portion soluble in Hydrochloric Acid = 44.82	{ Alumina,	5.50
	{ Ferric oxide,	5.61
	{ Calcium phosphate,	1.39
	{ Manganese oxide,
	{ Calcium sulphate,	0.42
	{ Calcium carbonate,	2.94
	{ Magnesium carbonate,	0.76
Portion insoluble in Hydrochloric Acid = 49.58	{ Silica,	28.20
	{ Alumina,	8.05
	{ Ferric oxide,	2.77
	{ Lime,	2.51
	{ Magnesia,	0.25
	{ Silica,	36.00
		<hr/> 100.00