

12. RED CLAY (after the finer parts had been washed away).—Station 160.

Lat. 42° 42' S., long. 134° 10' E., 2600 fathoms (Brazier).

		Loss on ignition after drying at 230° Fahr.,	5.00
Portion soluble in Hydrochloric Acid = 73.47	}	Alumina,	10.25
		Ferric oxide,	2.82
		Calcium phosphate,	2.09
		Manganese oxide,	1.99
		Calcium sulphate,	0.29
		Calcium carbonate,	36.80
		Magnesium carbonate,	0.76
Portion insoluble in Hydrochloric Acid = 21.53	}	Silica,	18.47
		Alumina,	4.03
		Ferric oxide,	2.02
		Lime,	0.79
		Magnesia,	0.18
		Silica,	14.51

13. RED CLAY.—Station 226.

Lat. 14° 44' N., long. 142° 13' E., 2300 fathoms (Brazier).

		Loss on ignition after drying at 230° Fahr.,	4.20
Portion soluble in Hydrochloric Acid = 57.80	}	Alumina,	4.80
		Ferric oxide,	15.20
		Calcium phosphate,	good trace
		Manganese oxide,	1.14
		Calcium sulphate,	0.46
		Calcium carbonate,	6.11
		Magnesium carbonate,	0.75
Portion insoluble in Hydrochloric Acid = 38.50	}	Silica,	28.84
		Alumina,	3.31
		Ferric oxide,	5.79
		Lime,	0.45
		Magnesia,	0.40
		Silica,	28.55
		<hr/>	100.00

14. RED CLAY.—Station 241.

Lat. 35° 41' N., long. 157° 42' E., 2300 fathoms (Brazier).

		Loss on ignition after drying at 230° Fahr.,	4.30
Portion soluble in Hydrochloric Acid = 62.20	}	Alumina,	6.00
		Ferric oxide,	2.91
		Calcium phosphate,	2.09
		Manganese oxide,	1.14
		Calcium sulphate,	0.49
		Calcium carbonate,	22.63
		Magnesium carbonate,	0.94
Portion insoluble in Hydrochloric Acid = 33.50	}	Silica,	26.00
		Alumina,	5.30
		Ferric oxide,	2.20
		Lime,	2.20
		Magnesia,	0.40
		Silica,	23.40
		<hr/>	100.00