

## 15. RED CLAY.—Station 252.

Lat. 37° 52' N., long. 160° 17' W., 2740 fathoms (Brazier).

		Loss on ignition after drying at 230° Fahr.,		
Portion soluble in Hydrochloric Acid = 46.40	}	-	Alumina, . . . . .	3.60
			Ferric oxide, . . . . .	5.28
			Calcium phosphate, . . . . .	18.14
			Manganese oxide, . . . . .	small trace
			Calcium sulphate, . . . . .	trace
			Calcium carbonate, . . . . .	0.51
			Magnesium carbonate, . . . . .	2.22
Portion insoluble in Hydrochloric Acid = 50.00	}	-	Silica, . . . . .	0.41
			Alumina, . . . . .	24.89
			Ferric oxide, . . . . .	7.85
			Lime, . . . . .	2.60
			Magnesia, . . . . .	1.50
			Silica, . . . . .	0.35
				37.70
			<hr/>	
			100.00	

## 16. RED CLAY.—Station 253.

Lat. 38° 9' N., long. 156° 25' W., 3125 fathoms (Brazier).

		Loss on ignition after drying at 230° Fahr.,		
Portion soluble in Hydrochloric Acid = 45.69	}	-	Alumina, . . . . .	4.50
			Ferric oxide, . . . . .	8.31
			Calcium phosphate, . . . . .	7.95
			Manganese oxide, . . . . .	0.19
			Calcium sulphate, . . . . .	0.55
			Calcium carbonate, . . . . .	0.37
			Magnesium carbonate, . . . . .	0.92
Portion insoluble in Hydrochloric Acid = 49.81	}	-	Silica, . . . . .	2.70
			Alumina, . . . . .	24.70
			Ferric oxide, . . . . .	7.75
			Lime, . . . . .	3.88
			Magnesia, . . . . .	0.28
			Silica, . . . . .	0.50
				37.40
			<hr/>	
			100.00	

## 17. RED CLAY.—Station 256.

Lat. 30° 22' N., long. 154° 56' W., 2950 fathoms (Brazier).

		Loss on ignition after drying at 230° Fahr.,		
Portion soluble in Hydrochloric Acid = 45.32	}	-	Alumina, . . . . .	4.50
			Ferric oxide, . . . . .	6.00
			Calcium phosphate, . . . . .	9.77
			Manganese oxide, . . . . .	0.48
			Calcium sulphate, . . . . .	0.68
			Calcium carbonate, . . . . .	0.42
			Magnesium carbonate, . . . . .	1.69
Portion insoluble in Hydrochloric Acid = 50.18	}	-	Silica, . . . . .	1.33
			Alumina, . . . . .	24.95
			Ferric oxide, . . . . .	11.37
			Lime, . . . . .	2.00
			Magnesia, . . . . .	1.14
			Silica, . . . . .	0.85
				34.82
			<hr/>	
			100.00	