

108. MANGANESE NODULES.—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 = 77.57	}	Copper,	11.30
		Alumina,	large trace
		Ferric oxide,	2.30
		Calcium phosphate,	18.80
		Manganese oxide,	good trace
		Nickel,	39.57
		Cobalt,	good trace
		Calcium sulphate,	trace
		Calcium carbonate,	0.58
		Magnesium carbonate,	2.58
Portion insoluble in Hydrochloric Acid = 11.18	}	Silica,	4.54
		Alumina,	9.20
		Ferric oxide,	1.40
		Lime,	0.80
		Magnesia,	0.38
		Silica,	good trace
			8.60
			100.00

NOTE.—Several small nodules, irregular in shape, average weight 200 grains, light grey colour outside, blackish grey inside, except centre, which was also of a light grey colour and very friable.

109. MANGANESE NODULE.—Station 264.

Lat. 14° 19' N., long. 152° 37' W., 3000 fathoms (Brazier).

		Loss on ignition after drying at 230° Fahr.,	
Portion soluble in Hydrochloric Acid = 83.92	}	Copper,	8.90
		Alumina,	large trace
		Ferric oxide,	2.65
		Calcium phosphate,	21.38
		Manganese oxide,	trace
		Nickel,	29.09
		Cobalt,	good trace
		Calcium sulphate,	trace
		Calcium carbonate,	0.62
		Magnesium carbonate,	2.58
Portion insoluble in Hydrochloric Acid = 7.18	}	Silica,	3.40
		Alumina,	24.20
		Ferric oxide,	0.60
		Lime,	1.70
		Magnesia,	0.45
		0.38	
		4.10	
			100.00

NOTE.—Peculiar grey material, rough, a few brown particles attached to its surface.
(DEEP-SEA DEPOSITS CHALL. EXP.—1891.)