

97. MANGANESE NODULE.—Station 3.

Lat. 25° 45' N., long. 20° 12' W., 1525 fathoms (Brazier).

	Loss on ignition after drying at 230° Fahr.,	18.30		
Portion soluble in Hydrochloric Acid = 78.38	} —	Copper,	small trace	
		Alumina,	1.70	
		Ferric oxide,	40.71	
		Calcium phosphate,	0.34	
		Manganese oxide,	22.80	
		Nickel,	mere trace	
		Cobalt,	
		Calcium sulphate,	1.17	
		Calcium carbonate,	5.15	
		Magnesium carbonate,	1.51	
Portion insoluble in Hydrochloric Acid = 3.32	} —	Silica,	5.00	
		Alumina,	0.55	
		Ferric oxide,	0.68	
		Lime,	0.25	
		Magnesia,	0.18	
		Silica,	1.66	
			<hr/>	100.00

NOTE.—Small mass of a brown and blackish colour, no definite shape, but appeared as if broken from some larger mass.

97A. CORAL (*Pleurocorallium johnsoni*) attached to the preceding nodule.—Station 3.

Lat. 25° 45' N., long. 20° 12' W., 1525 fathoms (Anderson).

Water,	0.30	
Calcium carbonate,	93.39	
Magnesium carbonate,	6.00	
Calcium phosphate, }	0.10	
Ferric oxide, }		
Silica,	trace	
Insoluble residue,	0.05	
	<hr/>	99.84

98. MANGANESE NODULE.—Station 16.

Lat. 20° 39' N., long. 50° 33' W., 2435 fathoms (Brazier).

	Loss on ignition after drying at 230° Fahr.,	13.63	
Portion soluble in Hydrochloric Acid = 82.73	} —	Copper,	small trace
		Alumina,	2.95
		Ferric oxide,	36.08
		Calcium phosphate,	good trace
		Manganese oxide,	29.32
		Nickel,	trace
		Cobalt,
		Calcium sulphate,	1.05
		Calcium carbonate,	1.96
		Magnesium carbonate,	4.32
Portion insoluble in Hydrochloric Acid = 3.64	} —	Silica,	7.05
		Alumina,	3.64
		Ferric oxide,	
		Lime,	
		Magnesia,	
Silica,			
	<hr/>	100.00	

NOTE.—Pieces of a very small nodule, smooth, grey on the outside, yellowish inside, weight only 44 grains.