

128. MANGANESE NODULES (external portions).—Station 286.

Lat. 33° 29' S., long. 133° 22' W., 2335 fathoms (Brazier).

		Loss on ignition after drying at 230° Fahr.,	
Portion soluble in Hydrochloric Acid = 74.97	}	Copper,	11.35
		Alumina,	good trace
		Ferric oxide,	1.68
		Calcium phosphate,	16.48
		Manganese oxide,	good trace
		Nickel,	38.15
		Cobalt,	good trace
		Calcium sulphate,	trace
		Calcium carbonate,	0.94
		Magnesium carbonate,	5.01
		Silica,	3.26
Portion insoluble in Hydrochloric Acid = 13.68	}	Alumina,	9.50
		Ferric oxide,	1.18
		Lime,	1.40
		Magnesia,	0.37
		Silica,	0.22
			10.51
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			100.00

NOTE.—The brown shelly coatings of the various other specimens.

129. MANGANESE NODULES.—Station 289.

Lat. 39° 41' S., long. 131° 23' W., 2550 fathoms (Brazier).

		Loss on ignition after drying at 230° Fahr.,	
Portion soluble in Hydrochloric Acid = 69.70	}	Copper,	13.80
		Alumina,	0.31
		Ferric oxide,	2.50
		Calcium phosphate,	19.79
		Manganese oxide,	0.40
		Nickel,	32.02
		Cobalt,	0.25
		Calcium sulphate,	0.58
		Calcium carbonate,	3.08
		Magnesium carbonate,	1.87
		Silica,	8.90
Portion insoluble in Hydrochloric Acid = 16.50	}	Alumina,	1.66
		Ferric oxide,	1.20
		Lime,	0.78
		Magnesia,	0.26
		Silica,	12.60
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			100.00

NOTE.—Irregular shaped nodules, dark in colour, somewhat similar in appearance to those of Station 160.