IV.—*On Iona Pebbles.*

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Analysis of Iona Pebbles.

	Light.	Dark.
Silica	37·20	43·20
Lime	5·03	5·10
Magnesia	36·73	33·60
Ferrous oxide	5·39	6·00
Manganese oxide ..	4·19	·94
Water.....	11·42	9·60
	<hr/> 99·96	<hr/> 98·44

TOURISTS visiting the island of Iona have some difficulty in leaving without purchasing small, water-worn, translucent pebbles, of a peculiar light olive-green colour. These are found on the shores of this island and the island of Tyree: the specimens accompanying this paper are from the latter island. The mineral is a variety of non-aluminous serpentine, and is peculiar from its containing manganese as a constituent. Except in Iona, this mineral and the remarkable pink marble (described in a paper published in the *Chemical News*, vol. 22, p. 171), are not, I believe, found elsewhere.