

Marl from Mr. Tolson, on Hanson's Branch:

Silica,	-	-	-	-	65.00
Iron and alumina,	-	-	-	-	1.10
Lime as carbonate,	-	-	-	-	33.30

There is a large stratum of marl extending all the way down this valley, which is easy of access, and will prove valuable to the poor lands in its vicinity. In every case marl should be applied having the largest number of shells in it. I would not advise the application of any of the so-called Jersey marls which I have met with in this Gubernatorial District, on account of their green sand constituents.

Specimen from Upper Marlboro', P. G. county:

Silica sand,	-	-	-	-	60.60
Iron and alumina,	-	-	-	-	4.36
Lime as carbonate,	-	-	-	-	33.25
Potash,	-	-	-	-	1.60

This marl lies high and dry, is of very easy access, and would much benefit some of the lands near it. It has, however, never been used.

Marl from Dr. B. I. Semmes, near Piscatawa:

Silica,	-	-	-	-	58.00
Iron and alumina,	-	-	-	-	8.80
Lime as carbonate,	-	-	-	-	42.00
Potash,	-	-	-	-	1.16

Marl from the bank near Piscatawa:

Sand,	-	-	-	-	58.00
Iron and alumina,	-	-	-	-	3.25
Lime as carbonate,	-	-	-	-	38.00
Potash,	-	-	-	-	.60

There is an immense bed of this marl in the neighborhood, which will repay the cost of its application.

There are several very good marls which I have examined in St. Mary's county, the results of which have been forwarded to their owners. As *good* marl is of great value, any specimen that may be forwarded to me hereafter I will examine, should I have opportunity, and show its composition to its owner. Its value cannot be too highly appreciated, and the composition of every marl and limestone in the State should be known, that those which are good should be used, and all hopes of benefit from those that are worthless should be abandoned.

In presenting this, my second report, to your honorable body, I have endeavored to give all the knowledge in my