

When burnt, 100 parts will therefore yield of—

Caustic lime.....	53.0
Caustic magnesia.....	2.5

and when water-slacked, of—

Water-slacked lime.....	70.0
Water-slacked magnesia.....	3.6

7. Limestone from Woodsborough, for John Smith.

Light gray amorphous and uniform mass.

It was found to be composed as follows :

Carbonate of lime.....	98.4
Carbonate of magnesia.....	0.7
Sand and clay.....	0.9
	100.

When burnt, 100 parts will therefore yield of—

Caustic lime.....	55.2
Caustic magnesia.....	0.3

and when water-slacked, of—

Water-slacked lime.....	72.8
Water-slacked magnesia.....	0.4

8. Limestones from Frederick District, for Mr. Brengle, marked No. 1 and No. 2 :

No. 1, light gray and homogeneous mass, with white crystals of calc spar.

No. 2, dark gray variety, with crystals of calc spar and quartz intermixed.

Upon analysis they were found to be composed as follows :

	No. 1.	No. 2.
Carbonate of lime.....	94.6	86.0
Carbonate of magnesia.....	5.2	6.8
Sand and clay.....	0.2	7.2
	100.	100.

When burnt, 100 parts resp. will therefore yield of—

Caustic lime.....	53.0	48.0
Caustic magnesia.....	2.5	3.0

and when water-slacked, of—

Water-slacked lime.....	70.0	63.6
Water-slacked magnesia.....	3.6	4.5

9. Limestone from near Springfield, Creagerstown District, for Hon. F. A. Schley :

Dark gray mass, with white veins of calc spar traversing.

Its composition is as follows :