Carbonate of lime	98.3
Carbonate of magnesia	1.1
Sand and clay	0.6
	100.

When burnt, 100 parts will therefore yield of—

Caustic lime	55.1
Caustic magnesia	0.5

and when water-slacked, of—

Water-slacked lime	72.7
Water-slacked magnesia	0.7

13. Limestone from near Unionville, for N. H. Owings.

Dark bluish gray variety of a slatish texture.

Its composition is as follows:

Carbonate of lime	99.5
Carbonate of magnesia	0.5
Carbon	trace
	100.

When burnt, 100 parts will therefore yield of—

Caustic lime	55.8
Caustic magnesia	0.2

and when water-slacked, of—

Water-slacked lime	73.7
Water-slacked magnesia	0.3

14. Limestones from head of Dollyhide, Liberty District, marked No. 1 and No. 2, for Jacob Houck.

No. 1, of flesh color and crystalline texture.

No. 2, of reddish white color with crystals of calc spar imbedded.

Upon analysis they were found to be composed as follows:

	No. 1	No. 2
Carbonate of lime	97.5	95.3
Carbonate of magnesia	1.3	2.5
Sand and clay	1.2	2.2
	100.	100.

When burnt, 100 parts will yield of—

Caustic lime	54.7	53.4
Caustic magnesia	0.6	1.1

and when water-slacked, of—

Water-slacked lime	72.2	70.5
Water-slacked magnesia	0.9	1.7

15. Limestone from near Unionville, for O. P. Harding.

White uniform mass of crystalline texture.

Its composition is as follows: