Carbonate of Lime	99.3
Carbonate of magnesia	0.5
Sand and clay	0.2
	100.

When burnt, 100 parts will therefore yield of—

Caustic lime	55.6
Caustic magnesia	0.2

and when water-slacked, of—

Water-slacked lime	73.5
Water-slacked magnesia	0.3

21. Limestone from Point of Rocks, Petersville District, from the Southern part of Middletown Valley, near Potomac River, for George P. Remsberg:

Light gray mass of uniform crystalline texture.

Its composition is as follows:

Carbonate of lime	65.1
Carbonate of magnesia	34.3
Sand and clay	0.6
	100.

When burnt, 100 parts will therefore yield of—

Caustic lime	36.5
Caustic magnesia	16.5

and when water-slacked, of—

Water-slacked lime	48.2
Water-slacked magnesia	23.8

22. Limestones from Liberty District marked Nos. 1, 2 and 3, for F. Garber.

No. 1, of fine crystalline texture and dull shades of color.

No. 2 is of white color, vitreous lustre, and exhibits a perfect rhombohedron.

No. 3 is a hard and compact mass of dark red color in which nests of white calc spar are imbedded. It is associated with strata of chlorite slate.

Upon analysis they were found to be composed as follows:

	No. 1.	No. 2.	No. 3.
Carbonate of lime	57.0	100.	77.7
Carbonate of magnesia	42.5	—	19.8
Sand and clay	0.5	—	2.5

When burnt, 100 parts respectively will therefore yield of—

Caustic lime	32.	56.	43.5
Caustic magnesia	20.4	—	9.6

and when water-slacked, of—