

When burnt, 100 parts will therefore yield of—

Caustic lime.....	54.6
Caustic magnesia.	0.7

and when water-slacked, of—

Water-slacked lime.....	72.1
Water-slacked magnesia.....	1.0

4. Limestone from Adams county, Pa., (Wurtz's,) 4 miles from Emmitsburg, and also extensively used in Frederick county.

A dark, rough breccia.

Upon analysis it was found to be composed as follows :

Carbonate of lime.....	55.5
Carbonate of magnesia.....	25.0
Sand and clay.....	19.5

100.

When burnt, 100 parts will therefore yield, of—

Caustic lime.....	31.1
Caustic magnesia	11.4

and when water-slacked, of—

Water-slacked lime.....	41.1
Water-slacked magnesia.....	16.5

5. Limestone from Woodsborough, for Samuel Motter.

Of a very fine grain and uniform texture.

Composed as follows :

Carbonate of lime.....	92.3
Carbonate of magnesia.....	6.0
Sand and clay.....	1.7

100.

When burnt, 100 parts will therefore yield of—

Caustic lime.....	51.7
Caustic magnesia.....	2.7

and when water-slacked, of—

Water-slacked lime.....	68.3
Water-slacked magnesia.....	4.0

6. Limestone from Woodsborough, for Samuel Phipps.

Dark gray amorphous mass, intermixed with white calc spar.

The following is its composition :

Carbonate of lime.....	94.5
Carbonate of magnesia.....	5.2
Sand and clay.....	0.3

100.