

There are also brought down by the Chesapeake and Ohio Canal two varieties of limestone, differing very much in their color, but in nothing else, except very slightly, as the following analyses will show:

BLUE OR DARK COLORED LIMESTONE.

Sand,.....	1.90	per cent.
Clay and iron,.....	60	"
Lime, as carbonate,.....	97.50	"
Magnesia, .....	00	"

WHITE LIMESTONE.

Sand,.....	2.15	per cent.
Clay and iron,.....	75	"
Lime,.....	97.15	"
Magnesia,.....	00	"

These are limestones of very great purity, and to soils requiring only lime would be the best that could be used.

The above are the average of eight different specimens of each kind examined. Each specimen differed but very slightly from the other, the limestones being very uniform in their composition.

LIMESTONES FROM HOWARD COUNTY.

Specimen from Mr. G. Ellicott, from near Rattlesnake Springs. Full of dark, irregular circular specks. (Mica.)

No. 1.

Sand.....	26.15	per cent.
Iron and Alumina,.....	8.10	"
Lime as carbonate, (air-slaked),.....	63.25	"
Potash and Soda,.....	1.00	"
Magnesia,.....	1.36	"
Phosphoric acid, (a trace.).....		
Sulphuric acid, (a trace.).....		

No. 2.

Sand,.....	10.50	per cent.
Alumina and iron,.....	3.20	"
Lime, as carbonate,.....	78.20	"
Magnesia, as carbonate,.....	7.60	"
Potash and soda,.....	50	"
Phosphoric acid, } none.		
Sulphuric acid, }		

LIMESTONE FROM NEAR CLARKSVILLE.

From Wm. Clarke, Esq.

No. 1.

Sand,.....	1.50	per cent.
Iron and clay,.....	.45	"
Lime, as carbonate,.....	84.20	"
Magnesia, as carbonate,.....	12.00	"
Lime, as phosphate,.....	1.00	"
Potash and soda,.....	.20	"