

Baltimore County Lime.

The average of eight different analyses of the air slaked lime, gave of lime as carbonate, i. e., air slaked lime, 81.4 per cent.

Lime from Indian Shell Banks. No. 1.—A.

Specimen fully slaked.

Sand,	3.00	per cent.
Clay and iron	.30	"
Lime as carbonate,	94.10	"
Lime as phosphate, i. e., bone dust	2.20	"

Lime from Indian Shell Banks, No. 2.

Sand,	2.00	per cent.
Lime as carbonate,	95.15	"
Lime as phosphate,	2.20	"
Clay and iron,	.60	"

Lime from Indian Shell Banks, No. 3.

Sand,	6.25	per cent.
Clay and iron,	.15	"
Lime as carbonate, i. e., air slaked,	91.20	"
Lime as phosphate, i. e., bone dust,	2.30	"

N. B.—The Nos. 1, 2, 3, affixed to the "Lime from Indian Shell Banks," "Schuylkill Lime," and "Susquehanna Lime," only denote the order in which they were examined.

North River Lime.—R.

Specimens obtained from Worcester county.

Water,	7.00	per cent.
Sand, clay and iron,	11.90	"
Lime,	56.00	"
Magnesia,	25.00	"

Pecqua Lime.

Used extensively in the upper part of Cecil county.

Sand clay and iron,	3.75	per cent.
Lime,	58.00	"
Magnesia,	36.00	"
Water,	1.50	"

Gas House Lime, No. 1.—Y.

Water and free sulphur,	9.20	per cent.
Sand,	4.00	"
Clay and iron,	1.00	"
Lime as carbonate,	80.00	"
Lime as sulphate, i. e., gypsum,	3.00	"
Lime as phosphate,	2.00	"

Gas House Lime No. 2.—M.

This specimen had been exposed to rain.

Sand,	6.00	per cent.
Sulphur, (free,)	.90	"