

Magnesia,	:	:	:	.06
Potash,	:	:	:	.18
Soda,	:	:	:	.12
Sulphuric acid, a trace,	:	:	:	
Chlorine,	:	:	:	.04

Specimen from near Mt. Pleasant, being in Anne Arundel county.

Organic matter,	:	:	:	1.60
Silica (sand),	:	:	:	95.70
Iron as peroxide and alumina,	:	:	:	2.00
Iron and alumina as phosphates	:	:	:	.08
Lime,	:	:	:	.09
Magnesia,	:	:	:	.06
Potash,	:	:	:	.16
Soda,	:	:	:	.09
Chlorine,	:	:	:	.03
Sulphuric acid,	:	:	:	.001

Specimen from near Charlotte Hall, St. Mary's county.

Organic matter,	:	:	:	1.06
Silica,	:	:	:	96.40
Iron as peroxide and alumina,	:	:	:	3.00
Iron and alumina as phosphates,	:	:	:	.09
Lime,	:	:	:	.04
Magnesia,	:	:	:	.05
Potash,	:	:	:	.12
Soda,	:	:	:	.05
Chlorine,	:	:	:	.12
Sulphuric acid, a trace,	:	:	:	.001

Specimen from Severn District in Anne Arundel county.

Organic matter,	-	-	-	2.10
Silica,	-	-	-	93.75
Iron and alumina,	-	-	-	3.20
Lime as carbonate,	-	-	-	.10
Magnesia,	-	-	-	.06
Potash and soda,	-	-	-	.12
Sulphuric acid (a trace)	-	-	-	
Chlorine,	-	-	-	.05

WHITE OAK OR PIPE CLAY SOIL.

This variety of soil forms a large part of some of the counties, and from its extent as well as its intrinsic value deserves especial notice.

I have examined it in various localities with great care, have obtained all the practical knowledge that I could of the best mode of manuring and cultivating it, and can, therefore, with the great-