

Sample B.—From overlying part of same bed. White and gray, not very compact, crystalline limestone, weathering red, with a few crystals of galena and iron pyrites, and obscure fossil markings.

COMPOSITION.	SAMPLE A.	SAMPLE B.
Moisture.....	1·250	·115
Lime carbonate.....	91·500	58·760
Magnesia carbonate.....	·465	9·890
Iron carbonate.....	2·278	26·812
Manganese.....	trace	1·255
Alumina.....	·510	
Iron pyrites.....	·737	·168
Phosphoric acid.....	·198	
Insoluble residue.....	1·856	3·082
TOTAL.....	98·794	100·088

(4.) *McLEAN LIMESTONE.*—Compact gray limestone, with abundant fossil coral markings.

COMPOSITION.	SAMPLE A.	SAMPLE B.
Moisture.....	·18	·17
Lime carbonate.....	93·90	96·26
Magnesia carbonate.....	2·45	2·33
Iron peroxide.....	·59	·57
Manganese peroxide.....	·56	·55
Alumina.....	·12	·10
Sulphur.....	·03	·02
Phosphoric acid.....	·03	·03
Silica.....	2·10	1·99
TOTAL.....	99·96	102·02

Analyst, Durham College of Science.