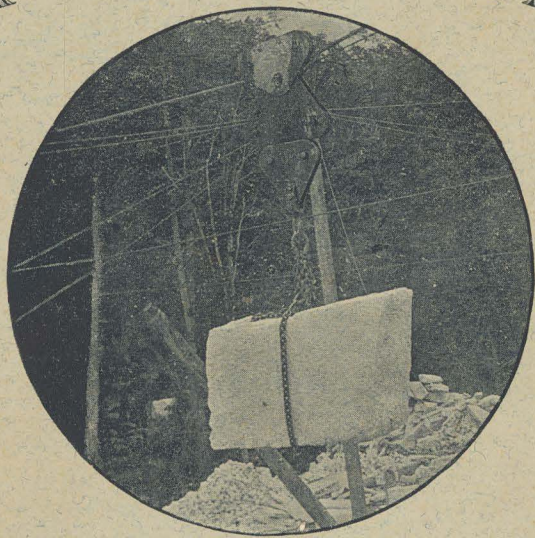


THE MOUNT AIRY GRANITE COMPANY



GREENSBORO, NORTH CAROLINA.

The Mount Airy Granite Company.

GRANITE—ROUGH OR DRESSED—FOR BUILDINGS,
MONUMENTAL AND CEMETERY WORK,
STREET CURBS, FLAGGING, AND PAVING BLOCKS.

General Offices, Greensboro, North Carolina.

QUARRIES, MOUNT AIRY, N. C.

PRESS OF
ALLEN, LANE & SCOTT,
PHILADELPHIA.

MOUNT AIRY GRANITE.

From tests already made the strength of this stone is proved equal to that of most granites, and far in excess of any possible requirements.

Its crushing resistance is shown by a series of tests, made by Riehlé Bros., of Philadelphia, with cubic-inch samples, to be about 20,000 pounds. In color this granite is a lively and permanent white.

It withstands the dulling effect of age and exposure, while the effect of dressing is rather to heighten its color. It has been in buildings in the town of Mount Airy for more than twenty years without showing to-day any trace of weather and iron stains. The stone is absolutely sound, and in this respect has probably no equal in the market. The deposit itself of more than fifty acres in area is a single stone, without crack, flaw, or fissure.

Hence, to the quarryman the material comes entirely uninjured, and he has no difficulty in securing absolutely reliable patterns. He can quarry blocks of any size that can be handled, and this Company is prepared to furnish bases, platforms, lintels, curbing, &c. of widths and lengths to satisfy any demand or desire.

The working qualities of the stone are unusually good. The rift secures a sure split for any length and depth, while it breaks extremely well. Journeymen like to cut it, for



while it is strong and firm it "chips" freely, and for a stone rather coarse-grained "stands up" admirably. Perhaps there is no granite in the market that can be cut so cheaply; at any rate, this Company feels justified in assuring all concerned that the cost of this material in construction is very moderate, and frequently not exceeding that of the best sand and lime stones.

The Company has thoroughly equipped the property with the best modern appliances. It has four cableways and numerous derricks of ample capacity to hoist from bed or ledge and carry to bank or car, while the area of stone uncovered affords room for working an unlimited force of men, and the mildness of the climate admits of operation throughout the entire year.

This stone has been received with favor by architects and builders wherever used, and is now going into some of the best buildings in this country, U. S. Government, State, municipal, and residential.

During the four years' life of this enterprise a business has been built up which already requires a working force of several hundred men, and an organization has been created which can expand this force to keep pace with any demand.

The Company particularly appeals to all those who may want granite in large quantities at short notice, either for great buildings and bridges or for street purposes, such as curbing, gutter, crosswalk, or paving stones.

Correspondence is solicited, and prices will be named delivered to any point in the United States, Canada, and adjacent countries.



NORTH CAROLINA GEOLOGICAL SURVEY.

Mr. R. PERCY GRAY, President
Mount Airy Granite Company.

RALEIGH, N. C., October 25th, 1893.

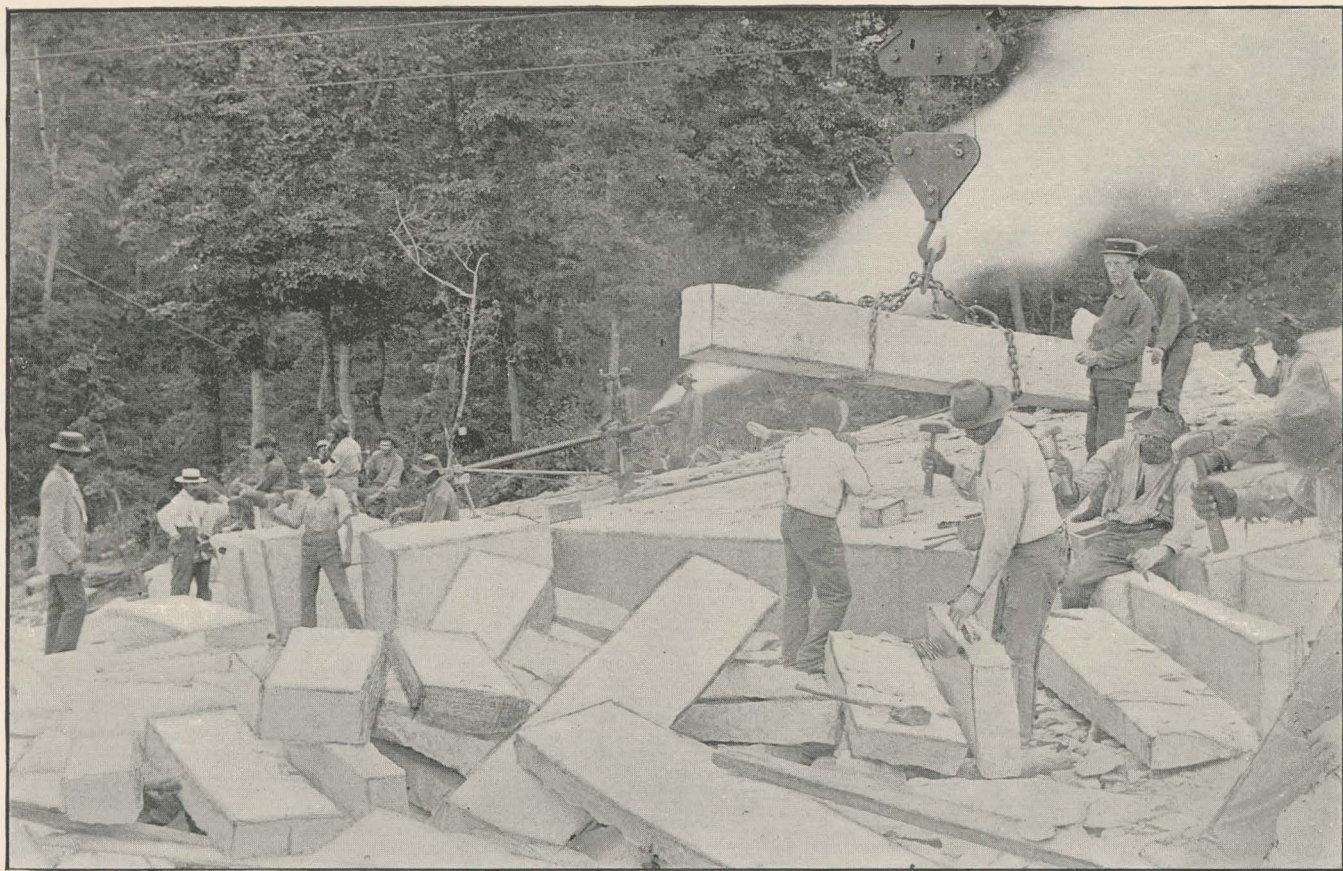
DEAR SIR :—A few days since I had occasion to collect a sample of granite from the Mount Airy Quarry, a chemical analysis of which, made in the survey laboratory, shows only 0.05% of sulphur and 1.94% of iron. The former probably occurs in the form of small pyrite crystals, and the latter comes in part from this source and partly from the biotite mica.

Both occur in such small quantities that they cannot prove in any way injurious to the stone, and I have been unable to find any other injurious ingredients.

The stone is a medium grain, light-colored biotite granite, of marked uniformity in color and texture, and, as shown by actual tests, it stands a crushing strain of 18,000 to 20,000 pounds per square inch. It is an excellent stone for general architectural purposes and for Belgian blocks.

Yours Very Truly,

J. A. HOLMES, *State Geologist.*



CHARLES M. CRESSON, M. D., CHEMIST AND EXPERT,
Laboratory, 1311 Green Street.

Mess. GARRETT & DIX,
Philadelphia, Pa.

PHILADELPHIA, PA., September 27th, 1893.

GENTLEMEN:—The sample of granite from Mr. R. Percy Gray, Greensboro, N. C., which you submitted to me for examination, gives the following results from chemical analysis:—

Silica	71.56%
Alumina	16.79%
Oxide of iron	1.87%
Lime	2.93%
Magnesia	0.30%
Soda	11.96%
Sulphuric acid in combination	0.33%

This granite is well adapted for buildings, possessing sufficient strength and toughness to carry the loads which are ordinarily required for such purposes. The large masses in which the individual components are aggregated give the stone a peculiar brilliancy of appearance which I have never seen in any other granite; it is beautifully bright, calculated to make handsome buildings, in strong contrast with the sombre cast which usually accompanies granite facings. The absence of the deleterious elements which frequently occur in granite, causing strain and disintegration, adds to the value of this stone.

Respectfully,

CHARLES M. CRESSON, M. D.

