

## No. 18.

Stone from the Queenston Limestone Quarries, owned by Messrs. P. A. Johnson & Co., Queenston.

LIMESTONE, rather fine grained, pale gray, effervesces strongly with acid. The stone is in beds of from one to five feet, and can be handled in large sizes. May be shipped on G.T.R. cars in quarry, or by water,  $1\frac{1}{2}$  miles from quarry.

Specimen.	Section under Pressure.	Height.	Crushing Load.	Crushing Stress per Square Inch.	Average Crushing Stress per Square Inch.
	Inches.	Inches.	Pounds.	Pounds.	Pounds.
A	3 x 3	$2\frac{1}{2}$	134,000	14,888	14,395
B	3 x 3	$2\frac{1}{2}$	122,000	13,555	
C	3 x $3\frac{1}{2}$	$2\frac{1}{2}$	135,000	14,694	
D	3 x 3	$2\frac{1}{2}$	130,000	14,444	

## No. 19.

Stone from the Victoria Limestone Quarry, Cookston, North Hastings, owned by Messrs. Brodigan & Co., Madoc, Ont.

LIMESTONE, very fine grained, with some crystals of calcite, rather dark gray, slightly brownish on fresh surface, bluish grey on dressed face, slightly bituminous, effervesces strongly with acid. Stone in beds of 6, 10, 12, 14, 16, 18, 20, 24, 28, 38 and 48 inches, and can be got out in any sizes possible to handle. Quarry on main line G.T.R.

Specimen.	Section under Pressure.	Height.	Crushing Load.	Crushing Stress per Square Inch.	Average Crushing Stress per Square Inch.
	Inches.	Inches.	Pounds.	Pounds.	Pounds.
A	3 x 3	$2\frac{1}{2}$	183,000	20,333	19,424
B	3 x $3\frac{1}{2}$	$2\frac{1}{2}$	147,000	16,000	
C	.....	.....	.....	.....	
D	$2\frac{3}{4}$ x 3	$2\frac{1}{8}$	181,000	21,939	

## No. 20.

Red Granite, from the New Brunswick Red Granite Co., Mr. F. T. C. Burpee, Manager, St. John, N.B.

GRANITE (var. Granitite or Biotite Granite), coarse grained, strong flesh red, appears fresh and takes a good polish. Contains quartz (gray), orthoclase (red), plagioclase (yellow), and biotite (black). Specimens prepared by owner.

Specimen.	Section under Pressure.	Height.	Crushing Load.	Crushing Stress per Square Inch.	Average Crushing Stress per Square Inch.
	Inches.	Inches.	Pounds.	Pounds.	Pounds.
A	$2\frac{1}{2}$ x $2\frac{1}{2}$	2	68,000	13,837	15,162
B	$2\frac{1}{2}$ x $2\frac{1}{2}$	$2\frac{1}{2}$	84,000	17,568	
C	$2\frac{1}{2}$ x $2\frac{1}{2}$	$2\frac{1}{2}$	69,000	13,629	
D	$2\frac{3}{4}$ x $2\frac{3}{4}$	2	79,000	15,617	