

## No. 5.

Stone from the Hope Bay Quarries, owned by Messrs. Wm. Hooson & Sons, Plumper Pass, B.C.

SANDSTONE, medium grained, with some larger grains, bluish gray. Contains quartz, with some felspar and mica, and probably hornblende. Effervesces slightly with acid. The stone is in parallel beds of from two to ten feet, and can be loaded on scows or light draught vessels at the Quarry, which is situated on the North shore of Pender Island, about midway between Victoria, Vancouver, and New Westminster.

Specimen.	Section under Pressure.	Height.	Crushing Load.	Crushing Stress per Square Inch.	Average Crushing Stress per Square Inch.
	Inches.	Inches.	Pounds.	Pounds.	Pounds.
A	$3\frac{1}{8} \times 3$	$2\frac{7}{8}$	200,000	21,768	20,546
B	.....	.....	.....	.....	
C	$2\frac{1}{2} \times 3$	$2\frac{7}{8}$	186,000	21,106	
D	$3\frac{1}{8} \times 3\frac{1}{8}$	$2\frac{7}{8}$	176,000	18,765	

## No. 6.

Stone from the Parrsboro Marble Quarry, owned by Mr. Thos. Kirkpatrick, and situated two miles west of Parrsboro, N.S.

LIMESTONE, very fine grained, dark gray (almost black), on fresh surface, bituminous odor when struck, effervesces strongly with acid. The stone is in beds of from four inches to two feet, and must be teamed to Parrsboro, where it can be shipped either by rail or water.

Specimen.	Section under Pressure.	Height.	Crushing Load.	Crushing Stress per Square Inch.	Average Crushing Stress per Square Inch.
	Inches.	Inches.	Pounds.	Pounds.	Pounds.
A	$2\frac{1}{2} \times 3\frac{1}{8}$	$2\frac{7}{8}$	199,000	22,120	21,750
B	$3 \times 3\frac{1}{8}$	$2\frac{7}{8}$	200,000	21,768	
C	$2\frac{1}{2} \times 3$	$2\frac{7}{8}$	189,000	21,446	
D	$3 \times 3$	$2\frac{7}{8}$	195,000	21,666	

## No. 7.

Rain Drop Stone, from Fuerst, New & Co., Chicago. Supplied by Messrs. Brown & Love.

SANDSTONE, medium grained, with a few pebbles  $\frac{1}{4}$  inch in length, pale purplish brown with many darker colored spots. Contains quartz, felspar, and a green

mineral, a  
Argillac

Specimen.	
A	3
B	2
C	3
D	3

Corsehill  
& Love.

SANDSTONE, ve  
lens Argi

Specimen.	
A	3
B	2
C	3
D	3

Ohio Bl  
Cleveland, C

SANDSTONE, fi  
particles, p

Specimen.	
A	3
B	3
C	3
D	3