

**THE GREY AND BRUCE PORTLAND CEMENT COMPANY**  
of Shallow Lake, Limited.

Manufacturers of  
**"HERCULES" BRAND OF PORTLAND CEMENT**

Very finely ground. Conspicuous for Sidewalks, Floors and all work requiring the Highest Grade of Portland Cement. For prices address,

A. D. CRIBB, Sec'y-Treas.  
Head Office, Owen Sound, Ont.

Phone No.: PARKDALE 1809. Post Office and Telegraph Address: SWANSEA.

**THE DOMINION SEWER PIPE CO., LIMITED**  
SWANSEA, TORONTO, ONT.



This is the time to get in your stock before the rush starts.

**- VITRIFIED SALT GLAZED - SEWER PIPES**

Price Lists and Discounts on Application — In Sizes from 4 inches to 24 inches

**AMERICAN**

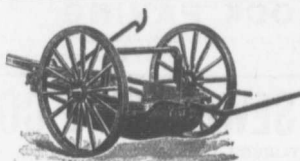


**GERMAN**

is sold under a guarantee other portlands cannot make in good faith. That guarantee is backed by the oldest and most responsible manufacturers in the world. Selected for the **PANAMA CANAL** in Preference at Equal Prices and is exceeding those severe requirements.

"Judge a Cement by Its Works."  
The best color and most durable for cement blocks and sidewalks.

70 000 bbls. City of Rochester Reservoir.  
Write for list of other important works in all sections.



**The Toronto Pressed Steel Co., Limited**  
Toronto and Winnipeg

Manufacturers

**Drag Scrapers** (Solid pressed bowl)  
**Wheel Scrapers** (pressed or square bowl)  
**Dump Cars**, from 1 to 3 yards  
**Wheelbarrows**, Wood or Steel Trays  
**Waggons**, Carts, Cement Mixers, Etc.



Prompt delivery from stock at Toronto and Winnipeg  
Send for complete catalogue. Write nearest office.

**Canadian White Company, Limited**  
SOVEREIGN BANK BUILDING, MONTREAL, CANADA  
**ENGINEERS AND CONTRACTORS**

FOR

Steam and Electric Railroads; Electric Light and Power Plants; Building Construction; Water and Gas Works; Docks, Harbor Works, etc., etc.

CORRESPONDENTS

J. G. WHITE & COMPANY, INC.,  
New York City

J. G. WHITE & COMPANY, LIMITED,  
London, England

WARING-WHITE BUILDING CO.  
London, England

**One Grade "The Cement of Quality" The Highest**

Tests of



**NATIONAL Portland Cement**

BY

The City Engineer of Toronto for 1903-4

Note the High Grade of National. Compare it with others.



Year.	No Samples Tested.	Soundness Fajji Test.	Specific Gravity	Residue in No. 100 Sieve	Setting Time in Minutes		Tensile strength in pounds per square inch.									
					Initial	Final	Neat.					3 (Sand) to 1 (Cement)				
							1 dy.	7 d. s	28 dys	3 mos	1 yr.	1 dy.	7 d. s	28 dys	3 mos	1 yr.
1903	20	O.K.	3.135	2.1	162	345	307	701	783	827	*	74	214	299	367	*
1904	44	O.K.	3.150	2.0	132	342	300	744	848	914	938	86	262	354	401	427

\* Tests for 1 year were not completed when records closed. 1905 report not yet issued.

**THE BEST IS THE CHEAPEST**

**The National Portland Cement Company**

Limited

Toronto Sales Office: 22 James Building

Head Office and Mills: DURHAM, ONTARIO