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You pay less for this car but it gives you more enjoyment, more mileage and longer service than those which cost more.

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Heavy Mixed Feed at Special Prices

We have a stock of Good Heavy Mixed Feed on hand that we are selling at special prices in ton lots. If you need Feed, get our prices.

The Rob Roy Cereal Mills Co. OATMEAL MILLS PHONES : Day \$ 4, Night \$ 26

Shoe Prices Still Advancing

The sooner you purchase your Spring Shoes the more money you save. Some are doing so.

WHY NOT YOU ?

We do not guarantee present prices for very long as many lines are not now procurable, others are costing as much as present retail prices and still going higher. Good Kid is wholesaling at over \$6 per lb; sole stock 50c to 90c. So where will kid shoes be this Spring? We have some good shoes at present prices, also rubbers &c., good values in Hosiery.

Headquarters for Trunks, Valises, Suitcases, also Mitts, Gauntlets and Gloves. Repairing as usual

THE Down Town Shoe Store J. S. McILRAITH

THE PEOPLE'S MILLS

500 tons of No 1 Mixed Chop

WHEAT AND BARLEY

Wheat, Barley and Oats Chop

CRIMPED OATS for Horse Feed at Fair Prices CHOPPED OATS at... very reasonable rates

Sovereign, Eclipse and Pastry Flour

Every bag guaranteed. If not satisfactory bring it back and get your money.

All kinds of grain bought at market price. Special Reduction on Flour and Feed in ton lots.

Phone No. 8 John McGowan

Utilize our own Beds

Of Gravel, Rock, Marl, &c.

By Gilbert McKechnie

Editor Review.

Dear Sir,

Now since there is an infusion of fresh blood on the board of the National Portland Cement Co. and since the last place they were getting their marl has become exhausted, it becomes the duty of the new board to look up whatever raw material is to be found locally that may fill the bill. I am aware that a considerable distance west here there is abundance of the requisite material with which to fill the bill. But that is not all. I am looking for. My aim is to eliminate the unmanufactured product and this I consider the only safe and progressive system to pursue which will enable them to compete with the outside world in the manufactured product.

During the year 1915—the last year the plant was operated in its capacity—the railway charges on the marl delivered at the plant considerably exceeded \$30,000 and the freight charges on the clay used likely be about 85 per cent additional, making in round figures freight on the raw material \$40,000. I am not going to surmise that this sum could be entirely eliminated as they have to bring the raw material from wherever it may be found.

But I am going to say that with a good deposit of the raw material in close proximity to the works, I am firmly of the conviction that 75 per cent of those charges could be eliminated. For instance take the gravel elevation on the property of the Co., immediately to the rear of the plant—in such great abundance with a face of about 50 ft in depth and according to chemical analysis contains 13 per cent of lime and 65 per cent carbonate of lime. The chemist who analyzed this material informed me that this was the actual test. Now it would be desirable if some plan or scheme could be devised to eliminate this magnesia to the extent of 5 per cent either by extraction or by use of other material with a low percentage of magnesia, reducing the magnesia in the cement to 5 per cent which is quite permissible as it is then only one per cent above the government standard.

Within three miles of the company's switch on the Durham Rd. East in Glenelg, known as the Fifth swamp, is located a marl deposit of a fairly good acreage but to what extent I cannot say as I never saw it. But this was reported on by A. Davidson and S. McCord in the Durham Town Council as being of various depths, the deepest being 38 ft. This deposit has been analyzed and contains 78 per cent carbonate of lime and 1 per cent magnesia. An examination of those two deposits (marl and gravel) could be made to reduce the magnesia in the cement to 5 per cent which would be nearly half of each, and which would be such a saving as would be materially felt and this gravel bed would last far beyond the lives of the present generation.

I observe in the financial review of the Globe of Jan. 2nd last, a new industry has sprung up known by the name of Magnesite. It is being made from carbonate of magnesium, extracted from the limestone rock and formerly imported into the States and Canada from Austria and Hungary. That supply now being shut off it drove U. States and Canada to seek other sources of supply. This magnesite is used in steel furnace linings and making refractory brick with an output of 400 tons per day and the demand far exceeds the supply.

Magnesite is manufactured at Grenville, in the County of Argenteuil, midway between Montreal and Ottawa and at Shawangunk Falls, near Montreal. The extraction of carbonate of magnesium from the limestone rock cannot be a very expensive process, because when the Grenville factory was comparatively in its infancy in 1915 the shipment reached a total of 14,770 tons, valued at \$126,535.00. The value of the product seems to me to be quite low priced and the manufacturers seem to be satisfied with the price because the output in 1916 reached 400 tons per day.

In summing up the magnesite question it is plainly evident to me that carbonate of magnesium can be extracted from the limestone rock at moderate cost. So if it can be done there, it surely can be done here out of the huge gravel bed.

This marl deposit is located 1 1/2 miles from the C. P. R. and taking the utilization of this connection would necessitate the construction of a railway 3 miles in length to one of the company's switches but I am assured would be a level track along the banks of the creek from the termination of Lambton St. eastward. There is another marl deposit about 2 1/2 miles south of the one I have just described. This one also will be nearly 3 miles from the same company's switch but this connection has the advantage of the Wilder Lake connection to the extent of about 2 1/2 miles in good condition, ready for ties and rails but would require the construction of a roadbed to complete of about 1/2 of a mile but would be a level track. This marl bed is estimated to contain somewhere between 40 and 50 acres. I witnessed the boring of about a quarter in different places and it was of uniform depth of 19 ft, with a deposit of blue clay under. To the eye the quality appears alright but can only be defined through the instrumentality of the chemical laboratory. This deposit is situated about 80 rods from the C. P. R. through a swamp and as the Cement Co. is the owner of a locomotive and 9 marl cars there should be no special difficulty encountered in taking in the marl from either of the places I have cited by their own rolling stock.

In a previous letter I cited from Geological history of Canada that the rock formations throughout this district were classified in layers as limestone, shale and sandstone in a horizontal condition which I found to be the case in the Rocky Saugeen rock formation. On Lambton St. immediately south of Edge Mills and within a gun shot of the cement plant is a close grained rock formation cropping out on the level of the adjoining land. From its situation in such close proximity to the plant then it is worthy

of the most rigid examination as it is doubtless the same formation as is to be found on the bank of the Rocky Saugeen where the shale can be seen and examined of different degrees of thickness. This shale is evidently the correct rock for the manufacture of cement and although it is a species of rock, it is not as hard a material as the rock above it and the rock under it, consequence of being mixed with clay. This shale formation according to "Geological Canada" extends into Georgian Bay and is evidently the same material that is used by the Cement plant at Owen Sound for the manufacture of Portland Cement and they do not require to add any further clay to it. In my research in connection with shale the deepest deposit I have come across is located at Niagara Falls, the depth of which is 100 ft. On the top is a close grained limestone rock 60 ft in depth and under that is a bed of shale. The Falls recede backwards 5 ft each year on account of the washing away of the shale under.

Then another deposit of rock makes itself perceptible on the level of Glenelg, cropping out on the level of the adjoining lands, about 1 1/2 miles from the plant and the same mode of thought and reasoning applicable to the preceding rock formation is applicable in this case, the intervening space being completely level. I intended to devote a little attention in this letter to the question of clay and sand but to prevent occupying too much space will have to leave the matter in abeyance for the present. The question naturally arises which of those different kinds of materials would be most profitable to handle. They are all good and money makers, provided location and chemical analysis are fully considered.

Good bye to the Alexanders

The addresses given below were brought to us last week, but too late for insertion. They were presented at a meeting held March 20th at the home of Mr. and Mrs. Henry Alexander, of Welbeck neighbourhood, who Monday left for their new home in the West. Mr. Smith was chairman and gave warm eulogiums to the family for their good neighbourhood, regrets at their departure, and good wishes for their future. A well filled purse accompanied the addresses. Mr. Alexander replied appropriately to the spontaneous expression of respect and a pleasant evening followed.

Mr. Alexander's address was from the community, Mrs. A.'s from Dornoch branch of the Women's Institute, that to the daughters from the school and pupils of No. 18, Bentinck. The Review is pleased to see this hearty appreciation of worthy citizens, and hopes the change will be entirely to their liking. The addresses follow:

To Mr. and Mrs. H. Alexander and family.

We, your friends and neighbors, knowing of your intended departure have gathered together in this social evening to express our appreciation of you as members of this community. We can't forget your hospitable home and the many pleasant evenings we have spent there, also your many kind and helpful acts in times of trouble and sickness, and therefore as a token of our esteem for you, and as a reminder of your Dornoch friends and neighbors we would ask you to accept this purse giving you our heartfelt wishes for your future welfare, and satisfied that you will have the success and esteem that your industry and intelligence merits. Signed—on behalf of your friends and neighbors—John Mortley, James McK. Robertson.

The following address was presented to Mrs. Alexander by Dornoch branch Women's Institute.

Dear Mrs. Alexander:—The Dornoch Branch Women's Institute sincerely regret to learn of your intended departure from our midst. We have always appreciated your help and influence. Your valuable information will be much missed at our meetings in the future. We ask you to accept this little gift as a small token of appreciation. Signed—Mrs. J. H. Parke, Mrs. F. S. St-Ford, May Skene.

To Misses Mary and Etta Alexander. Dear Mary and Etta—It is with a deep feeling of regret that we, your schoolmates and teacher, bid you good bye. You have both always attended Welbeck school, and trust that when far away in your new home you will not forget your playmates and comrades in the little red school. We ask you to accept this little token as a reminder of the good will and best wishes with which it is given. Signed Teacher and pupils.

Credit Auction Sale

THE undersigned has been instructed to sell by public auction on Lot 30, Con. 11, Bentinck on

Tuesday, April 3rd, 1917

the valuable farm stock and implements Sale commences at 1 o'clock sharp.

STOCK: 1 driver, 8 years old, 1 good driver 5 years old, 1 colt rising 2 years. Cattle—3 fresh cows, 4 cows to calve April, 2 cows due to calve in May, 2 calves, 1 ferrow cow, 5 head rising 3 years, 6 head rising 1 yr old.

IMPLEMENTS: McCormick binder, 6 ft wide; truck and shaft carrier, 1 Massey-Harris cultivator, nearly new; 1 seed drill, 1 scuffer, 1 horse rake, 1 single row plow, No. 21 Cockshut, 2 furrow ploughs, iron harrow, Democrat, bob-sleigh, Luggy, cutter, 1 set, heavy harness, road cart, h. v. rack, set, single a good wooden pump with piping, wood hay track with car, and whiffletrees, neck-yokes, shovel, forks, and other articles too numerous to mention. No reserve positively as proprietor is giving up farming.

TERMS of Sale: All sums of \$10 and under, cash; over that amount 10 mos. credit will be given on furnishing approved joint notes, 5 per cent off per annum for cash in lieu of notes.

TROS. SHEWELL, JAS. CASH Auctioneers

Property For Sale

The undersigned offers for sale, 100 acres of land, adjoining the corporation on Durham Road. Also 25 acres, on Lambton St., Durham, with buildings. Also a new brick house on Saddle St., Durham, with all modern improvements. TROS. McCOMB, Proprietor, Box 27, Durham.

3 Good Builders

Rezell Tasteless Cod Liver Oil, \$1 Rezell Hypophosphites, \$1 Rezell Beef, Iron and Wine... \$1

Try one of these and see what a change is felt.

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and guarantee satisfaction Our prices for glasses are moderate if needed.

Have you Seen our New Wall Paper Designs and Colorings ?

Don't put off making selection this year.

We also have special sample books from the best makers of high-class and distinctive Wall Coverings, but stocks limited.

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The Rezall Store

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Save the Coupons

Buy your tickets here

Don't Forget a bottle of FORMALIN

which guarantees an increased yield in your crop of Oats especially. 25c and 50c a bottle

Govern't Standard Clovers and Grass Seeds at Lowest Prices

TO INVESTORS

THOSE WHO, FROM TIME TO TIME, HAVE FUNDS REQUIRING INVESTMENT MAY PURCHASE AT PAR

DOMINION OF CANADA DEBENTURE STOCK

IN SUMS OF \$500, OR ANY MULTIPLE THEREOF

Principal repayable 1st October, 1919.

Interest payable half-yearly, 1st April and 1st October by cheque (free of exchange at any chartered Bank in Canada) at the rate of five per cent per annum from the date of purchase.

Holders of this stock will have the privilege of surrendering at par and accrued interest, as the equivalent of cash, in payment of any allotment made under any future war loan issue in Canada other than an issue of Treasury Bills or other like short date security.

Proceeds of this stock are for war purposes only.

A commission of one-quarter of one per cent will be allowed to recognized hotel and stock brokers on allotments made in respect of applications for this stock which bear their stamp.

For application forms apply to the Deputy Minister of Finance, Ottawa.

DEPARTMENT OF FINANCE, OTTAWA OCTOBER 1th, 1916.

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We have a number of Rugs left in the newest designs in the neatest patterns and in the nicest Oriental shades having all the appearance of the Eastern Rugs, but a great deal cheaper.

3 yds x 3 yds.....\$14.00 3 yds x 3 1/2 yds..... 15.50 3 yds x 4 yds..... 17.50

Buy before the advance in price, which is sure to come.

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Our stock is very large and our prices are right as we bought before the advance.

Women's Dongola Blucher.....\$3.10 Women's Chrome Tan..... 2.50 Men's Blucher..... 3.00 Men's 14 inch top Blucher..... 5.00

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