

South African war, and completing his engagements in the most satisfactory manner, he returned to Scotland.

Mr. Middleton was a man of the greatest activity and earnestness, he possessed no ordinary skill, was characterized by the highest integrity, and was respected by all who knew him. He married in Canada a daughter of the late Samuel Hazelwood, District Engineer of the Intercolonial Railway. He leaves a widow and four sons, also many friends on three continents to mourn his loss. The eldest son, Mr. R. J. Middleton, is at present on the engineering staff of the C.P.R. at Lethbridge.

MR. DUNCAN SINCLAIR, B.A.Sc., Ass. Mem. Can. Soc. C.E., died at his home Cheltenham, Ont., on January 5th, 1909. Mr. Sinclair was of Scotch parentage and a native of Peel County, Ont. He was educated at the Cheltenham Public School and the Georgetown High School, and entered the Faculty of Applied Science of Toronto University in the fall of 1899. From the Faculty of Applied Science (School of Practical Science) he received in 1902 his diploma with honors, and in 1903 received from Toronto University his degree of B.A.Sc. While at college he was elected President of the Engineering Society of School of Practical Science.

After graduation Mr. Sinclair spent some time with the Hamilton Bridge Works, Hamilton, Ont.; the Canadian Foundry, Toronto, Ont., and the G.T.R. Company, Stratford, Ont.

In April, 1905, he went to New Liskeard, Ont., and entered into partnership with William Blair, B.A.Sc., under the firm name of Blair & Sinclair. Later the firm name was changed to Sinclair & Smith, and more recently to Sinclair, Sutcliffe & Neelands.

Mr. Sinclair, although practising for but a few years, had charge of difficult and important engineering work, and gave great promise of holding a high position in his chosen profession. Cautious, careful, loyal, and possessing a business and professional honesty seldom equalled, his early death is a distinct loss to the engineering profession in Canada.

MARKET CONDITIONS.

Toronto, January 7th, 1909.

Retail trade is still active, due to the continued mild weather, and many retail hardware stores, as a result are low in stock, wholesalers may therefore look for increased trade. It is not to be expected that prices will advance. In fact the coming months are very likely to bring a drop in all building and structural material except lumber.

The following are wholesale prices for Toronto, where not otherwise explained, although for broken quantities higher prices are quoted:—

Antimony.—Price unchanged at 84¢, with less enquiry.
Axes.—Standard makes, double bitted, \$8 to \$10; single bitted, per dozen, \$7 to \$9.
Boiler Plates.—1-4 inch and heavier, \$2.40. Boiler heads 25c. per 100 pounds advance on plate.
Boiler Tubes.—Orders are active. Lap-welded, steel, 1 1/4-inch, 10c.; 1 1/2-inch, 9c. per foot; 2-inch, \$8.75; 2 1/4-inch, \$10; 2 1/2-inch, \$10.60; 3-inch, \$12.10; 3 1/2-inch, \$15.30; 4-inch, \$19.45 per 100 feet.
Building Paper.—Plain, 30c. per roll; tarred, 40c. per roll. Business decidedly quiet.
Bricks.—Common structural, \$9 per thousand, wholesale, and the demand moderately active. Red and buff pressed are worth, delivered, \$18; at works, \$17.
Cement.—Market still weak; cement can be had in 1,000 barrel lots at \$1.70 per bbl, including the bags, which is equal to \$1.30 without bags. At this time of year building operations are closing down, demand is therefore naturally limited. This week even the small dealers in Toronto find demand shut entirely off.
Coal Tar.—Season about over, price still \$3.50 per barrel.
Copper Ingot.—There is more activity in the States, rather quiet demand here. Prices are higher, at 15 to 15 1/2c. with a prospect of their maintenance for a while.
Defonator Caps.—75c. to \$1 per 100; case lots, 75c. per 100; broken quantities, \$1.
Dynamite. per pound, 21 to 22c., as to quantity.
Roofing Felt.—Very limited request. Price \$1.80 per 100 pounds.
Fire Bricks.—English and Scotch, \$12.50 to \$14; American, \$28.50 to \$31 per 1,000. A growing demand this month, with fair stock.
Fuses—Electric Blasting.—Double strength, per 100, 4 feet, \$4.50; 6 feet, \$5; 8 feet, \$5.50; 10 feet, \$6. Single strength, 4 feet, \$3.50; 6 feet, \$4; 8 feet, \$4.50; 10 feet, \$5. Bennett's double tape fuse, \$6 per 1,000 feet.
Galvanized Sheets—Apollo Brand.—Sheets 6 or 8 feet long, 30 or 36 inches wide; 10-gauge, \$3.05; 12-14-gauge, \$3.15; 16, 18, 20, \$3.35; 22-24, \$3.50; 26, \$3.75; 28, \$4.20; 30, \$4.50; 32, \$4.50 per 100 pounds. Fleur de Lis—28-gauge, \$4.30; 26-gauge, \$4.05; 22-24-gauge, \$3.50. Queen's Head—28-gauge, \$4.50; 26-gauge, \$4.25. Sheets are in very active request.
Iron Chain.—1/4-inch, \$5.75; 5/16-inch, \$5.15; 3/8-inch, \$4.15; 7/16-inch, \$3.95; 1/2-inch, \$3.75; 9/16-inch, \$3.70; 5/8-inch, \$3.55; 3/4-inch, \$3.45; 7/8-inch, \$3.40; 1-inch, \$3.40.
Bar Iron.—\$1.95 to \$2, base, from stock to wholesale dealer.
Iron Pipe.—Black, 1/4-inch, \$2.03; 1/2-inch, \$2.25; 3/4-inch, \$2.63; 1-inch, \$3.50; 1 1/4-inch, \$5.11; 1 1/2-inch, \$6.97; 1 3/4-inch, \$8.37; 2-inch, \$11.16; 2 1/2-inch, \$17.82; 3-inch, \$23.40; 3 1/2-inch, \$29.45; 4-inch, \$33.48; 4 1/2-inch, \$38, 5-inch, \$43.50; 6-inch, \$56. Galvanized, 1/4-inch, \$2.86; 1/2-inch, \$3.08; 3/4-inch, \$3.48; 1-inch, \$4.71; 1 1/4-inch, \$6.76; 1 1/2-inch, \$9.22; 1 3/4-inch, \$11.07; 2-inch, \$14.76. Makers are holding prices stiff and anticipate a rise.
Lead.—Quiet and unchanged at \$3.90 to \$4.00. Old Country market quiet but steady.
Lead Wool.—\$10.50 per hundred, \$200 per ton, f.o.b., Toronto.
Lime.—In adequate supply and brisk movement. Price for large lots at kilns outside city 22c. per 100 lbs. f.o.b., cars; Toronto retail price 35c. per 100 lbs. f.o.b. car.
Lumber.—We quote dressing pine \$32 to \$35 per thousand; common stock boards as to grade \$24 to \$28; cull stocks \$20; sidings, \$17.50. Norway pine is neglected in favor of Southern, which is much stronger in fibre and the price well maintained. Hemlock continues to sell pretty freely. Some blocks have changed hands lately. Spruce flooring is quoted at \$25.00 and plenty moving. The season being practically over for shingles, there is but little movement in them, and prices are weak though unchanged at \$3.20 for British Columbia. White pine lath are scarcer, No. 1 especially, we quote \$4 for No. 1 and \$3.50 for No. 2 firm. A good deal of varied stuff is moving, not so much good pine as cheaper goods, such as hemlock and spruce. But all kinds of Canadian lumber are likely to continue firm.
Nails.—Wire, \$2.55 base; cut, \$2.70; spikes, \$3. There is a fair supply and no especial activity.
Pitch.—Very quiet; price, 70c. per 100 lbs.
Pig Iron.—Business continues quiet; prices are decidedly maintained. Clarence quotes at \$20.50 for No. 3; Cleveland, \$20.50 to \$21.00; in Canadian pig. Hamilton quotes \$20.00 to \$20.50.
Plaster of Paris.—Calcined, wholesale, \$2; retail, \$2.15. Trade quiet.
Putty.—In bladders, strictly pure, per 100 lbs., \$2.25; in barrel lots, \$2.05.
Rope.—Sisal, 9 1/4c. per lb.; pure Manila, 12 1/4c., Base
Sewer Pipe.—

	4-in.	6-in.	9-in.	10-in.	12-in.	24-in.
Straight pipe per foot	\$.20	\$.30	\$.60	\$.75	\$1.00	\$3.25
Single junction, 1 or 2 feet long	.90	1.35	2.70	3.40	4.50	14.63
Double junctions	1.50	2.50	5.00	...	8.50	...
Increasers and reducers	...	1.50	2.50	...	4.00	...
P. traps	2.00	3.50	7.50	...	15.00	...
H. H. trans	2.50	4.00	8.00	...	15.00	...

In steady demand; price 70 per cent. off list at factory for car-load lots; 60 per cent. off list retail.
Steel Beams and Channels.—Quiet. We quote:—\$2.50 to \$2.75, according to size and quantity; if cut, \$2.75 to \$3; angles, 1 1/4 by 3-16 and larger, \$2.50; tees, \$2.80 to \$3 per 100 pounds. Extra for smaller sizes of angles and tees.
Steel Rails.—80-lb., \$35 to \$38 per ton. The following are prices per gross ton, for 500 tons or over: Montreal, 12-lb. \$45, 16-lb. \$44, 25 and 30-lb. \$43.
Sheet Steel.—Market steady, with fairly good demand; 10-gauge, \$2.50; 12-gauge, \$2.55; American Bessemer, 14-gauge, \$2.35; 17, 18, and 20-gauge, \$2.45; 22 and 24-gauge, \$2.50; 26-gauge, \$2.65; 28-gauge, \$2.85.
Tool Steel.—Jowett's special pink label, 10 1/2c. Cyclops, 18c.
Tank Plate.—1/4-inch, \$2.50.
Tin.—Fluctuations continue abroad; unchanged locally as to price but quiet meanwhile.
Wheelbarrows.—Navy, steel wheel, Jewel pattern, knocked down, \$21.35 per dozen; set up, \$22.35. Pan Canadian, navy, steel tray, steel wheel, per dozen, \$3.30 each; Pan American, steel tray, steel wheel, \$4.25 each.
Zinc Spelter.—Business less active at same prices, \$5.25 to \$5.50. The London market stronger.

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Montreal, January 6th, 1909.

The pig-iron markets in the United States are stagnant and are expected to continue so for a little while to come. This applies particularly to the west and central west. On the east coast, such as New York and Pennsylvania, there is quite a little trading, especially in low grades of foundry and in basic qualities. Prices are being well maintained and makers are talking in an optimistic tone regarding business for the coming four or five months. The situation is being pretty well maintained and hopes for a great improvement continue.

Mail advices dated from the day before Christmas, at Glasgow, say:—"Buyers have been showing a little more interest in the pig-iron market lately, and some consumers have been buying their requirements for a few months ahead, on the ground that prices cannot well be much lower and would quickly go higher on any real improvement in business. There are no stocks to meet a sharp demand."

Another British letter says:—"Reports from Germany are not quite so pessimistic, and the Belgian market is reported to have decidedly improved. Some fair orders for rails have been going out, and there has been a disposition on the part of some consumers of foundry and forge iron to cover part of their requirements for the first half of next year at present prices in the belief that things cannot go much lower after New Year's. We rather look for a dull time in the early spring. As shipments to the continent are bound to be very small, it appears likely that the stock of iron will be considerably augmented in this country."

In the local market, there is but a moderate movement in carload quantities for prompt shipment, which is a customary condition at this time of the year. Consumers have not yet started ordering for spring delivery, but a number of enquiries are in the market and may lead to business very shortly. Meantime, prices of the following are quoted at last week's range, nothing having transpired in the market to occasion any change:

Antimony.—The market is steady at 9 to 9 1/2c.
Bar Iron and Steel.—Prices are steady all round, and trade Bar iron, \$1.90 per 100 pounds; best refined horseshoe, \$2.15; forged iron, \$2.05; mild steel, \$2.00; sleigh shoe steel, \$1.90 for 1 x 3/4-base; tire steel, \$1.95 for 1 x 3/4-base; toe calk steel, \$2.40; machine steel, iron finish, \$2.10; smooth finish, \$2.75.
Boiler Tubes.—The market is steady, quotations being as follows:—2-inch tubes, 8 1/4c.; 2 1/2-inch, 10c.; 3-inch, 11 1/2c.; 3 1/2-inch, 14 1/2c.; 4-inch, 10c.
Building Paper.—Tar paper, 7, 10, or 16 ounce, \$1.60 per 100 pounds; felt paper, \$2.40 per 100 pounds; tar sheathing, No. 1, 55c. per roll of 400 square feet; No. 2, 35c.; dry sheathing, No. 1, 45c. per roll of 400 square feet, No. 2, 28c. (See Roofing; also Tar and Pitch).
Cement.—Quotations are for car lots, f.o.b., Montreal. Canadian cement is \$1.55 to \$1.65 per 350-lb. bbl. in cotton bags, adding 10c. for each bag. Good bags re-purchased at 10c. each. Paper bags cost 2 1/2c. extra, or 10c. per bbl. weight. English cement is \$1.65 to \$1.85 per 350-lb. bbl. in 4 jute sacks (for which add 8c. each) and \$2.20 to \$2.40 in wood. Belgian cement is \$1.60 to \$1.65 in bags—bags extra—and \$2.10 in wood.
Chain.—The market is steady as follows:—1/4-inch, \$5.10; 5/16-inch, \$4.05; 3/8-inch, \$3.65; 7/16-inch, \$3.45; 1/2-inch, \$3.20; 9/16-inch, \$3.15; 5/8-inch, \$3.05; 3/4-inch, \$3; 7/8-inch, \$2.95; 1-inch, \$2.95.