

J. M. Neil, Toronto, Ont., processes for separating metals contained in copper-nickel matter; A. O. Tate, Toronto, Ont., storage battery plates; H. H. Williams, East Broughton Station, Que., asbestos plants; J. E. Purser, Windsor, Ont., steam trap; B. Hosking, Guelph, Ont., irons.

United States Patents.—F. P. Freeman, Dominion Yukon, Driving Head. F. Hendrickson, Three Forks, British Columbia, Gun Sight.

J. Bovey, London, Ont., gas-producer; J. A. Lamont, Montreal, Que., locking device; T. J. MacLaughlin, Toronto, Ont., putty-applying tool; F. Skelton, Hamilton, Ont., handle for shovels. M. E. Sutherland, Westville, N.S.C.R., Welch, Rossland, B.C., governor attachment.

The Province of Ontario has six hundred and fifty miles of electric railway. Of this mileage only fifty-seven miles is operated by electricity generated by water-power in the operating companies out power-houses. Eighty-eight miles is operated by "rented" electricity.

In estimating the quantity of standing timber north of Etoimami and west of the Hudson Bay extension of the Canadian Northern Railway to The Pas on Saskatchewan River, for the purpose of the Dominion Government, Mr. P. G. Stewart places the amount as follows:—

Spruce	217,700,000 ft. B. M.
Poplar	301,800,000 "
Tamarack	24,775,000 "
Balsam	16,000,000 "
Jackpine	20,000,000 "
Birch	7,000,000 "
	587,275,000 "

MARKET CONDITIONS.

Toronto, July 9th, 1908.

If one looks for unusual activity and buoyancy in the building trade, he does not find it. He does find, however, a fairly steady consumptive demand. This is true in lumber, bricks, cement and structural metals. July is not usually an active month in the hardware trade, but our hardware dealers report a fairly active business. And the lumber dealers say they find a better demand thus far than in June; of course their volume will expand as the other lines do, later on.

In the United States, conditions are peculiar. A wholesale man, just from Chicago, tells the Monetary Times that money is plentiful and easy there, costing from 4½ to 5 per cent.; that business is steady, though one-fourth to one-third less in volume than in 1907; that paper is promptly met; but that nobody wants to "venture" a dollar until after the presidential business is over, and the full grain crop assured. In New York, trade conditions show a steady but very slow improvement, but the volume of business is, in different trades, reduced compared with 1907. Good crop prospects and unusually small supplies in the hands of merchants lead to the belief that a higher level of prices in metals may be expected. Pig-iron is meantime dull, and bar shows a waiting market. Structural steel begins to show some limited orders. Copper, while stronger in Boston, is steady and dull in New York; tin slightly firmer in London; lead dull and heavy; antimony, weak.

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

Bar Iron.—\$2 base, from stock to the wholesale dealer.

Boiler Plates.—¼-inch and heavier, \$2.40. Fair supply, prices steady. Boiler heads 25c. per 100 pounds advance on plate.

Boiler Tubes.—Demand limited. Lap-welded, steel, 1½-inch, 10c.; 1½-inch, 9c. per foot; 2-inch, \$8.50; 2½-inch, \$10; 2½-inch, \$10.60; 3-inch, \$12.10; 3½-inch, \$15.30; 4-inch, \$19.45 per 100 feet.

Building Paper.—Plain, 32c. per roll; tarred, 40c. per roll. Orders are of a limited character.

Bricks.—Common structural, \$9 to \$10 per thousand, wholesale, and the demand is still active. Red and buff pressed are worth, delivered, \$18; at works, \$17.

Cement.—Price of Canadian makes to the dealer in 1,000 barrel lots and up is \$1.80, in cotton bags, on car, Toronto. In lesser quantities, \$1.90 per barrel.

Copper, Ingot.—Quotations here are as before; say 13¼c. for large purchases, and 14¼c. for small.

Detonator Caps.—75c. to \$1 per 100; case lots, 75c. per 100; broken quantities, \$1.

Dynamite, per pound, 21 to 25c., as to quantity.

Felt Paper—Roofing Tarred.—Market cannot go lower, dealers say there is no profit at present rates, and not much doing.

Fire Bricks.—English and Scotch, \$32.50 to \$35; American, \$25 to \$35 per 1,000. Demand continues fair.

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, \$3.25; 12-14-gauge, \$3.35; 16, 18, 20, \$3.50; 22-24, \$3.70, 26, \$3.95; 28, \$4.40; 29 or 30, \$4.70 per 100 pounds. Demand very active.

Iron Pipe.—Black, ¼-inch, \$2.03; ¾-inch, \$2.25; 1-inch, \$2.63; 1½-inch, \$3.56; 2-inch, \$5.11; 2½-inch, \$6.97; 3-inch, \$8.37; 4-inch, \$11.16; 5-inch, \$17.82; 6-inch, \$23.40; 7-inch, \$29.45; 8-inch, \$33.48; 9-inch, \$38, 5-inch, \$43.50; 6-inch, \$56. Galvanized, ¼-inch, \$2.85; ¾-inch, \$3.08; 1-inch, \$3.48; 1½-inch, \$4.71; 2-inch, \$6.76; 2½-inch, \$9.22; 3-inch, \$11.07; 4-inch, \$14.76. These downward changes indicate the decline spoken of last week.

Lead.—More active here at about previous prices, feeling is, however, a little firmer.

Lime.—In plentiful supply and moderate movement. Price for large lots at kilns outside city 21c. per 100 lbs. f.o.b. cars; Toronto retail price 35c. per 100 lbs. f.o.b. car

Lumber.—Last week's prices are confirmed, as a rule; superior pine suffers less in price however than other lines. Dressing, we quote, \$32.00 to \$35.00 per thousand for usual lengths (12, 14, and 16 ft.), and stock sizes of boards, and \$38 to \$40 for usual lengths (12, 14, and 16 ft.) and stock sizes of boards, and \$38 to \$40 for special lengths, common stock boards, as to grade, \$24 to \$28; culls, \$20. Southern pine and Norway pine continue easier. Hemlock moves more freely and quotes at \$18 to \$20, according to size. Much spruce comes from the East and is somewhat weak; the price asked for flooring is \$25 wholesale and \$28 retail. Shingles, B.C., are off again, having been offered at \$3 wholesale, per thousand. Laths are easier, No. 1 quote at \$3.75 on track, No. 2 at \$3.25.

Nails.—Wire, \$2.55 base; cut, \$2.70; spikes, \$3.15.

Pitch.—Fair demand at 75c. per 100 lbs.

Pig Iron.—Business here is quiet and of small volume, price same. Summerlee quotes:—No. 1, \$25.50; No. 3, in car load lots, \$22 to \$23 here; Glengarnock, \$25.50; Clarence, No. 3, \$19.25 to \$19.50; No. 1 Cleveland, \$20 to \$22.

Steel Beams and Channels.—The cut in American prices does not affect this market, at least not so far. We quote:—\$2.50 to \$2.75, according to size and quantity; if cut, \$2.75 to \$3; angles, 1½ by 3-16 and larger, \$2.55; 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; Montreal, 12-lb. \$45, 16-lb. \$44, 25 and 30-lb. \$43.

Sheet Steel.—Prices are: 10-gauge, \$2.65; 12-gauge, \$2.70; American Bessemer, 14-gauge, \$2.45; 17, 18, and 20-gauge, \$2.60; 22 and 24-gauge, \$2.65; 26-gauge, \$2.80; 28-gauge, \$3.

Tool Steel.—Jessop's special pink label, 10¼c.

Tar.—There is little activity and no large orders; \$3.50 per barrel the ruling price.

Tank Plate.—3-16-inch, \$2.50.

Tin.—Has been fluctuating abroad, Toronto price 31c.

Zinc.—Has been weakening, \$4.85 to \$5 is about the quotation here.

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Montreal, July 8th, 1908.

The markets of the United States have been exceptionally dull during the past week, as is customary at this season of the year. General sentiment is hopeful and improvement is predicted for about early September, although some judges do not think there will be any material change until towards the end of the year. Reports from all points indicate a limited tonnage moving. There does not seem to be any change in the price situation, makers holding to figures recently established. Generally speaking, the market is in a very dull state.

Latest mail advices from Great Britain show little or no change in the warrant market, the tendency being very slightly upward. This firmness is due partly to the fact that stocks in store continue to decrease and now stand at about 50,000 tons, only, as against 260,000 this time last year. A Glasgow letter says:—"Managers in all departments of trade continue their conservative policy of only buying for their limited requirements, while what little business that is doing is keenly competed for both by iron masters and merchants. While prices for immediate and early delivery are well maintained, there is an impression that towards the end of the year some reduction will have to be made, owing to the fact that stocks are increasing, in Germany, and that two or three large furnaces there are about to go into blast; both of which facts will tend to lessen the demand in the English market." Should shipments to Germany show any material decrease there is little doubt that prices will be affected in an adverse way.

In the local market, the condition continues to slightly improve, more especially in the way of enquiry for tonnage to be delivered during the next three or four months. It would seem as if the local market is being depleted and that consumption will require a fair tonnage for prompt delivery. But few are covering for their later needs, as the impression seems to prevail that prices may be easier two or three months hence. This, however, is a question which depends upon the trend of the English market.

Antimony.—The market is steady, and sales are being made at 10 to 10½c. per pound.

Bar Iron and Steel.—Bar iron, \$1.90 per 100 pounds; best refined horse shoe, \$2.15; forged iron, \$2.05; mild steel, \$1.95; sleigh shoe steel, \$1.95 for 1 x ¾-base; tire steel, \$2 for 1 x ¾-base; toe calk steel, \$2.45; machine steel, iron finish, \$2.20; mild steel, \$2.05.

Boiler Tubes.—The market is rather lower, quotations being as follows:—2-inch tubes, 8c.; 2½-inch, 10c.; 3-inch, 11½c.; 3½-inch, 14¼c.; 4-inch, 19c.

Building Paper.—Tar paper, 7, 10, or 16 ounce, \$2 per 100 pounds; felt paper, \$2.75 per 100 pounds; tar sheathing, No. 1, 60c. per roll of 400 square feet; No. 2, 40c.; dry sheathing, No. 1, 50c. per roll of 400 square feet, No. 2, 32c. (See also Roofing).

Cement—Canadian and American.—Canadian cement, \$1.70 to \$1.75 per barrel, in cotton bags, and \$1.95 and \$2.05 in wood, weights in both cases 350 pounds. There are four bags of 87½ pounds each, net, to a barrel, and 10 cents must be added to the above prices for each bag. Bags in good condition are purchased at 10 cents each. Where paper bags are wanted instead of cotton, the charge is 2½ cents for each, or 10 cents per barrel weight. American cement, standard brands, f.o.b. mills, 85c. per 350 pounds; bags extra, 10c. each, and returnable in good condition at 7½c. each.

Cement—English and European.—English cement is steady at \$1.85 to \$1.90 per barrel in jute sacks of 84½ pounds each (including price of sacks) and \$2.20 to \$2.30 in wood, per 350 pounds, gross. Belgian cement is quoted at \$1.75 to \$1.85 per barrel in bags, and \$2.05 to \$2.20 per barrel, in wood.

Copper.—The market is steady at 14 to 14¼c. per pound. Demand continues limited.

Explosives and Accessories.—Dynamite, 50-lb cases, 40 per cent. proof, 18c. in single case lots, Montreal. Blasting powder, 25-lb kegs, \$2.25 per keg. Special quotations on large lots of dynamite and powder. Detonator caps, case lots, containing 10,000, 75c. per 100; broken lots, \$1. Electric blasting apparatus:—Batteries, 1 to 10 holes, \$15; 1 to 20 holes, \$25; 1 to 30 holes, \$35; 1 to 40 holes, \$50. Wire, leading, 1c. per foot; connecting, 50c. per lb. Fuses, platinum, single strength, per 100 fuses:—4-ft. wires, \$3.50; 6-ft. wires, \$4; 8-ft. wires, \$4.50; 10-ft. wires, \$5. Double strength fuses, 1x extra, per 100 fuses. Fuses, time, double-tape, \$6 per 1,000 feet.

Iron.—Prices continue steady, pig-iron now arriving being:—No. 1 Summerlee, on cars, Montreal, \$20 to \$20.50 per ton; No. 2 selected