

ALWAYS GIVES Better Results LESS EXPENSIVE, TOO!



Quaker Bran is natural bran—purified—sterilized and packed in sealed cartons for your protection.

The secret of success in making bran dishes is to use natural bran. That's why so many of Canada's best cooks insist upon Quaker Natural Bran. It's especially suitable for baking... gives you that real nutty, wheaty, bran flavour, mixes well, and rises lightly.

QUAKER Natural Bran

Interest in Horwood Due to the Hollinger

Geologist Writes on the Horwood Lake District for Government.

W. D. Harding, of the Department of Mines, Toronto, has issued a preliminary report on the Horwood Lake area, District of Sudbury. This report makes it plain that the chief interest in the area is due to the work being carried on by the Hollinger Consolidated Gold Mines, Ltd. The full report is a lengthy one but the following extracts from Mr. Harding's report are given for the benefit of readers of The Advance:

"Owing to recent activities in the vicinity of Horwood Lake the Ontario Department of Mines undertook a geological survey of the area during the summer of 1936. Interest in the area has largely been focussed on the underground development by the Hollinger Consolidated Gold Mines Limited, of a gold-bearing quartz vein on the Smith claims, situated near the south end of Horwood Lake. An inclined shaft has been sunk to a depth of approximately 600 feet, and a limited amount of lateral work has been done. Results of underground work so far have been moderately encouraging."

"The Horwood Lake gold area lies south of the Canadian National Railways, about 150 miles northwest of Sudbury. The area is bounded on the

north by the section of the Canadian National Railway from Tionaga to Poleyet. It extends south to the north boundaries of Dale and Newton townships and includes parts of the townships of Poleyet, Ivanhoe, Muskego, Keith, Penhorwood, and Hardiman, and also the unsurveyed section which lies south of Ivanhoe Lake, practically all of Horwood Lake, and Groundhog Lake.

Accessibility and Transportation
Until recently the main route to Horwood Lake was from Groundhog River station on the Canadian National Railway, via Groundhog Lake, and this route is still used to some extent. Recently, however, a road has been built from mileage 128.6 (officially named Barite) west of Tionaga station to Hardiman bay of Horwood Lake, a distance of about one and one-half miles. In summer the Pineand Timber Company, Limited, operates a wagon service over this road, and a boat service on Horwood Lake. This route was used by the Hollinger Consolidated Gold Mines, Limited, for bringing supplies to the mine during the past season. In winter Hollinger freight is hauled over a winter road that connects the mine with Tionaga station.

Topography
The Horwood Lake area forms a part of the glaciated pre-Cambrian shield of Canada. There are few prominent topographical features. The elevation consists of eroded remnants of folded rock structures and ridges and mounds of unconsolidated glacial debris. Much of the lower land areas are covered by glacial material and swamp. There are splendid rock exposures, however, in the vicinity of the southern part of Horwood Lake, and excellent outcrops of most of the main rock types of the area occur along the shores of Hardiman bay.

General Geology
The consolidated rocks of the area consist of early pre-Cambrian lavas and sediments, which have been intruded first by diorite, then by granite, and later by diabase. Keewatin basic lavas cover most of the southern part of the area in the vicinity of Horwood Lake. The chief areas of Keewatin sediments occur along the east shore of Hardiman bay and in the vicinity of the Swazey River north of Newton township. Timiskaming-type sediments are exposed in the vicinity of Slate Lake. Diorites are widely scattered in small masses but are generally confined to the Horwood Lake section. Algonian quartz-feldspar porphyries are also confined largely to the vicinity of Horwood Lake. In the Muskego River section the gneisses have been largely converted to amphibolite owing to the proximity of granite. The rocks of the Ivanhoe Lake section consist mostly of various phases of pink granite.

Hollinger Consolidated Gold Mines Limited
The Smith and Thorne groups, comprising over 60 claims in the vicinity of the south end of Horwood Lake, were obtained jointly under option by the Hollinger Consolidated Gold Mines,

Limited, from Smith and Thorne in 1935. Visible gold had previously been discovered in quartz veins on each group. Mining operations, which were commenced in September, 1935, have been confined almost entirely to the Smith group situated on the east shore of Horwood Lake just south of Hardiman bay, where a quartz vein containing visible gold dips about 45 deg. north and strikes approximately N. 80 deg. E. from the east shore of Horwood Lake. The rocks in the vicinity consist of Keewatin basic lavas intruded by Algonian quartz porphyry. Shaft-sinking was commenced on this vein in the fall of 1935. By August 15, 1936, the shaft was completed to an inclined (45 degrees) depth of 599 feet (or 424 feet vertical), levels had been opened at 200, 325 and 570 feet (on the incline), and over 70 feet of lateral work had been completed, mostly on the 570-foot level. By October 5, 1936, drifting on this level had disclosed the vein for a distance of about 100 feet both east and west of the shaft. Visible gold was exposed in the shaft. Two sections of the vein on the 570-foot level, one of about 100 feet in porphyry east of the shaft, and the other of about 65 feet in lava west of the shaft, were reported to be of ore grade over mineable widths, and in places showed visible fine gold. During the early part of October the drift west of the shaft had reached a fault where the vein was lost, and work was being confined largely to drifting on the vein in porphyry east of the shaft.

The Thorne group, which consists of 12 claims situated on the Swazey river in the unsurveyed section adjoining the north boundary of Newton township, was staked in the summer of 1933 by Joe Burke and Jim McElroy for G. A. Thorne. Visible gold was afterwards discovered by Joe Burke. In October, 1935, the group was acquired under option by the Hollinger Consolidated Gold Mines, Limited.

The rocks consist largely of Keewatin lavas and sediments, which have been intruded by diorite and later by Algonian quartz porphyry. Visible gold has been discovered in several scattered locations both in quartz veins, which cut the diorite, and in the massive diorite. The veins are numerous but are highly folded, irregular in width and discontinuous along the strike. Many of them narrow down to small stringers and then disappear. The gold values appear to be erratic in distribution both in the diorite and in the quartz veins. Diamond drilling done during the early part of 1936 failed to locate a sizeable ore body.

Prospectors Airways, Limited
This group, which was staked by C. S. Gifford and associates in 1933, consists of 12 claims situated on the west shore of Horwood Lake adjoining the north boundary of Dale township. The rocks in the vicinity consist of northeastward striking Keewatin lavas which dip to the northwest, and which have been intruded by diorite, quartz porphyry and diabase. The main discovery consists of a mineralized shear zone containing quartz veins and stringers, which has been exposed intermittently by trenching for over 2000 feet. The zone strikes about N. 60 deg. E., dips from 70 deg. to 80 deg. N.W., and contains schistose material, which includes lava, sediments and quartz porphyry. Sulphide mineralization characterizes the zone along the entire width. The metallic minerals include abundant pyrite, with some chalcocopyrite, pyrrhotite, galena, sphalerite and visible gold. In 1936 the group was acquired under option by Prospectors Airways, Limited. This company did a considerable amount of trenching and sampling, and interesting gold values were obtained in many sections.

The Horwood Exploration Syndicate
The Horwood Exploration Syndicate holds a group of 10 claims situated at Pike Lake portage on the east shore of Hardiman bay of Horwood Lake. The group was staked by W. A. Jacobs during the latter part of 1935 and the early part of 1936. The rocks of the vicinity consist of northeastward striking Keewatin lavas and sediments, which dip northward and have been intruded by granite, quartz porphyry, and diabase. The main showing is a quartz vein which strikes approximately N. 20 deg. W. and dips 75 deg. N.E. The vein materials include quartz, calcite, orthoclase, pyrite, chalcocopyrite, pyrrhotite and galena. The writer was informed that gold values have been obtained from the vein material.

Gould-Dunn
The Gould-Dunn group of 9 claims includes parts of both shores of Hardiman bay of Horwood Lake. The rocks consist of early pre-Cambrian lavas, sediments and diorites, which have been intruded by dikes of Algonian granite and quartz porphyry. The youngest rocks are Keewatin diabase dikes. On the west shore of Hardiman bay a quartz vein has been uncovered on claim S.20.893 for a distance of 400 feet. This vein contains quartz, calcite, actinolite and pyrite, and is said to have yielded gold on assay and also from panning. No visible gold was seen by the writer. Another quartz vein which is situated about 35 chains from the east shore and is associated with quartz porphyry, carries chalcocopyrite and pyrrhotite.

Lefever-Desourdy-Silams Group
The Lefever-Desourdy-Silams group consists of 15 claims situated on the east shore of the northwest arm of Horwood Lake. Work on the group has been confined largely to claim S.28.305, where a gold-bearing mineralized shear zone, two to four feet wide, has been uncovered at the contact between pillow lavas and quartz porphyry. Farther south on the same claim a set of narrow, vertically-dipping mineralized quartz veins up to 6 inches in width, strike approximately northwest-southeast and constitute a vein zone which may be followed for 600 feet. Similar veins farther to the southeast suggest the extension of this zone. A grab sample taken by the writer from a well-mineralized section on one of these

veins yielded 0.15 ounces per ton in gold. **The Groundhog Gold Mines, Limited**
The Groundhog Gold Mines, Limited, hold 12 patented claims situated on the east shore of the northwestern arm of Horwood Lake. The claims were staked by Thos. Jessop in 1927. The original showing, which is said to consist of a quartz vein in a 4-foot mineralized shear zone and is reported to contain gold values, was flooded in 1928 owing to the construction of the Groundhog dam. The Hollinger Consolidated Gold Mines, Limited, did some diamond drilling on this group in the winter of 1935-36, apparently with negative results.

Robertson-McDonald
The Robertson-McDonald group comprises 7 claims in Keewatin rocks just south of Groundhog station. The main showing consists of a heavily mineralized zone in folded iron formation, which has been exposed along the strike for about 2300 feet. The zone has a maximum width of 100 feet and contains pyrite, chalcocopyrite and pyrrhotite. The writer was informed that the zone carries low values in nickel and gold.

Potential Importance of the Area
Apart from the Hollinger underground operation, the Horwood Lake area possesses considerable promise. Interesting gold assays have been obtained from many scattered locations, and visible gold has been identified in several places. These discoveries have been made in spite of the fact that over 75 per cent. of the area is covered with overburden.

During the summer of 1936 gold was found in Newton and Coppell townships by the Hollinger interests. These finds have been made in quartz-bearing, sheared, Keewatin rocks southwest of the mapped area. Their locations suggest the existence of a mineralized gold-bearing belt striking northeastward from Newton and Coppell townships toward Horwood Lake.

Says North Should Have Proper System of Roads

(Windsor Star)
The Ontario Association of Boards of Trade and Chambers of Commerce has passed a resolution offering support for northern delegates who seek to have the department of highways show more signs of life in the improvement of Northern Ontario roads. The Federal Government will also be asked to take a hand in the matter, in view of the inter-provincial character of main highways. It is pointed out, in this connection, that the Dominion treasury collects \$10,000,000 annually in taxes on Northern Ontario and Quebec mines and therefore should contribute substantially to building better roads in a section that is playing a top-notch place in the Canadian recovery programme.

Tens of thousands of Canadian and American tourists desire to visit the north country of Ontario and Quebec, but the road system will have to be better than it is now in order to get them there. "American tourists attracted to our mining centres complain bitterly of the poor roads," Mr. Gerald O'Meara points out.

The Ontario Government, through the sale of licenses and the six cents a gallon gasoline tax, is taking millions out of the pockets of our motorists every year. The original theory of the gas tax was to use it for the building and maintenance of roads, thus making the motorists pay for the accommodation provided them. This appealed to most drivers as a good idea and there was a minimum of complaint concerning it. There has been much protesting, however, since it became known a few years ago that not nearly all of this special road tax is being used for road purposes. It is rankly unfair, of course, to take money out of the motorists for the general needs of the province. Every cent collected in this way should be spent for road purposes. If more money is collected than is needed for the roads, then the special taxes imposed in this connection should be reduced.

Northern Ontario is entitled to better roads, of course. The money is available and should be spent, not only there but in the southern part of the province where new roadwork is decidedly in order. Think, also, of the important employment that such work would produce.

Peterborough Examiner:—The setup of the Globe and Mail amalgamation rather suggests the story of the meekle maker who admitted he used horse-flesh in his rabbit pies, but claimed as meaning one horse to one rabbit.

Life Insurance In Action

In the past year the London Life paid 3,343 death claims. The foresight of these policyholders meant provision for their dependents.

During the same period, 4,644 London Life living policyholders received the full amount of their policies. These matured endowments provided immediate cash for themselves and families.

Payments to living policyholders amounted to more than twice as much as death claims.

It is a great comfort to know that you may enjoy a carefree old age and that your dependents will be cared for should you not live to provide for them.

Never be without adequate life insurance!

Established 1874
London Life Insurance Company
"Canada's Industrial-Ordinary Company"
HEAD OFFICE - LONDON, CANADA

District Offices—Bank of Commerce Buildings, Timmins, Ont.

NEW LOWER RAIL FARES to California

These low fares enable you to turn the calendar ahead... from Winter right into a Summer vacation... in glorious California.

Play golf beside the blue Pacific, motor through orange groves and along inviting highways, enjoy glamorous nights in gay Hollywood. Your choice of routes... include the picturesque Canadian Rockies, charming Vancouver and Victoria at no extra cost.

Full information as to Round Trip

- FIRST CLASS FARE
- INTERMEDIATE FARE
- COACH FARE

On application to any Agent.

CANADIAN NATIONAL

These low fares enable you to turn the calendar ahead... from Winter right into a Summer vacation... in glorious California.

Play golf beside the blue Pacific, motor through orange groves and along inviting highways, enjoy glamorous nights in gay Hollywood. Your choice of routes... include the picturesque Canadian Rockies, charming Vancouver and Victoria at no extra cost.

Full information as to Round Trip

- FIRST CLASS FARE
- INTERMEDIATE FARE
- COACH FARE

On application to any Agent.

CANADIAN NATIONAL

IF YOU REALLY WANT TO SURPRISE YOUR WIFE



THIS GIFT IS New!

Out such a short time, your wife may not have heard of it—the new Hoover One Fifty Five Cleaning Ensemble. Different in idea—design—material—features—usefulness. A rug-and-furniture cleaning ensemble, instantly adaptable. New in lightness—the wonder-metal, magnesium. A dozen-and-one new conveniences—devices never before on electric cleaners. Delivered cellophane-wrapped for Christmas giving.

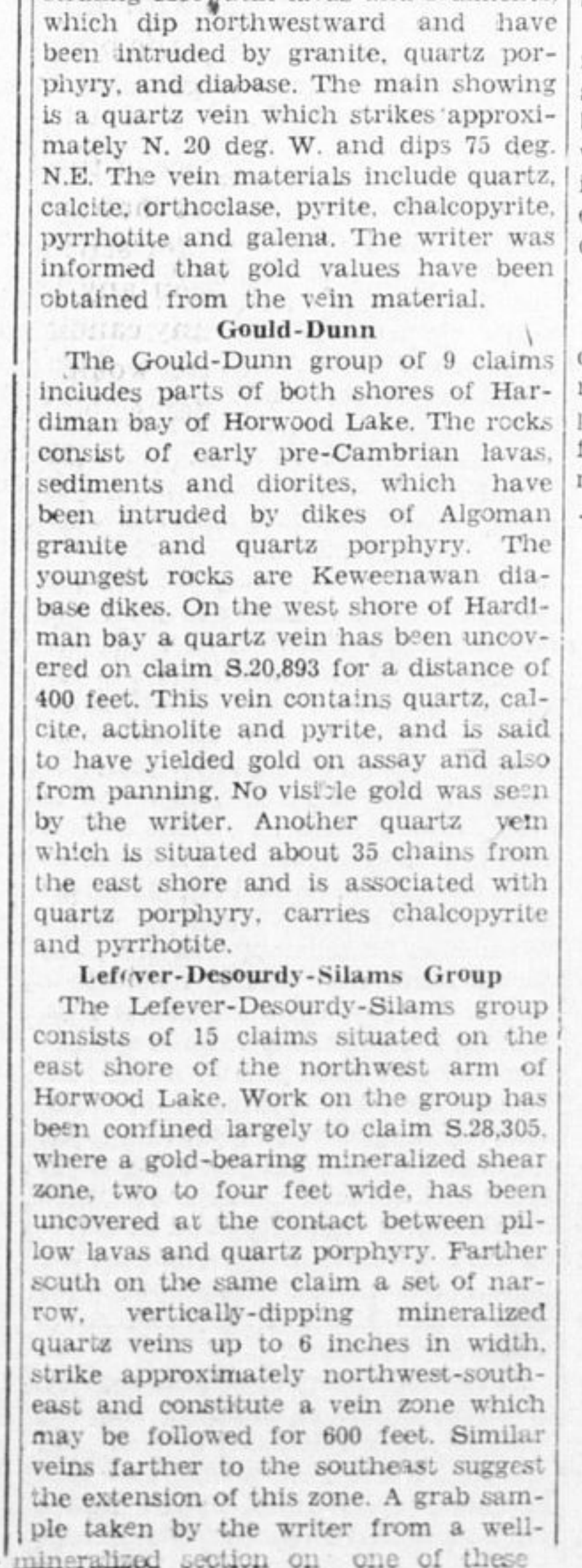
\$150 A WEEK PAYABLE MONTHLY

HOOVER One Fifty Five CLEANING ENSEMBLE

Also Hoover "500", full-size, Positive Agitation Hoover, complete with cleaning tools, for as little as \$1.00 a week, payable monthly

THE ROBERT SIMPSON COMPANY LIMITED
43 Third Avenue Phones 944-945 Timmins

SCOTT'S SCRAPBOOK by R. J. SCOTT



CZAR ALEXANDER II
PROBABLY FREED MORE SLAVES THAN ANY MAN IN HISTORY — ON MARCH 3, 1861, WITH A SINGLE STROKE OF THE PEN HE GAVE ABOUT 22,000,000 SERFS THEIR FREEDOM IN RUSSIA.

PERU STAMP
SHOWS DANCE OF ANCIENT INCA INDIANS.

THE HURRICANE
OF OCT. 26, 1926, DROVE A 2 X 4 TIMBER THROUGH THE TRUNK OF A ROYAL PALM AT HAVANA.

TORNADOES
OFTEN PLAY FREAK STUNTS, BUT THE FORCE OF A HURRICANE OR STRAIGHT BLOW IS OF MORE INTENSITY.

THE GARTER
OF DUCHESSE DE FONTANGES, WHICH SHE USED TO BIND UP HER HAIR WHILE RIDING WITH LOUIS XIII WAS THE START OF ALL THE FAMOUS AND EXAGGERATED COIFFURES OF THE PERIOD. LOUIS XIII REIGNED FROM 1642 TO 1715.

Capital Becoming More Friendly to the North

An editorial article in The Sudbury Star on Monday of this week says:— "What the North Country has always lacked, John Hammell, noted mining figure, told the Toronto Board of Trade the other day, is capital. Canadian, American and British capital has been invested in the wrong places, and money from United Kingdom financial men, he said, is always difficult to attract, but once Brits are interested they stick.

"In view of the success experienced by Old Country investors in development of the South African gold fields, it has always been a source of wonderment that British monied interests have not taken a greater interest in Northern Ontario mineral development. Of late years particularly, many opportunities have been offered for the profitable placement of substantial funds in gold mining, and although, as Mr. Hammell says, mining is 'a tough racket,' chances for a good return on capital invested have been outstanding and development has really just begun.

"That capital is gradually becoming less shy is evidenced by the financing recently of properties, the outlook for which has been brightened by an aggressive policy of exploration. More than ten years after the original discovery and exploration of the Red Lake mineral area one of the biggest deals in the history of gold mining was consummated last week when Madsen Red Lake Gold Mines directors completed sale and option of 2,000,000 shares of new treasury stock to net the company \$2,250,000, Toronto and New York financial interests being the purchasers. Development of the Madsen holdings has justified the investment of this large sum, and it is not difficult to visualize what the expenditure of this money in equipment, labour and supplies

will mean to the Red Lake area, not to say anything of the activity that will ensue in the years to come.

"But the capital is bound to come as it has in the case of Madsen Red Lake. 'We haven't found any mines yet,' says Mr. Hammell. 'There's lots of territory to cover. There's lots more gold and silver up there. All you've got to do is go and take a look.'

"With the rapid transit for prospectors supplied by the aeroplane, and the vast expanse of untouched mineral-bearing land still awaiting exploration, many more gold deposits will be discovered, and capital cannot help responding as these finds are developed and proven."

Shirt Neckbands Revive Romance in Sudbury Man

The following is from the women's column, "Mainly for Women" in The Sudbury Star:—

A MAN'S SHIRT... or to be more exact, the neck-band of a man's shirt... has never been a subject for romance to our knowledge, but here is a tale of shirt neck-bands told to us by a man of our acquaintance years ago. He has been married for nearly 30 years, he told us, with the usual everyday

happenings of family life making of them just another ordinary, prosperous husband and wife. The man said he might have become an average, well satisfied man had it not been for an incident in his home life. It seems that he, enjoying the pleasures of life, has become rather corpulent, and especially has his neck become much larger... which sad misfortune happens to many men, he assured us... and thus prevented him from wearing many fine shirts which he greatly prized and took pleasure in donning. So they became a total loss to him because the neck-band would not fit. Well, his clever wife found a way to make neck-bands herself for his shirts, and so fixed all her husband's shirts for him. And now, whether his neck grows larger, or thin and stringy, he can always wear his shirts. He is now a gallant suitor again, he says, just because of the neck-band episode, and his lady fair is his wife of thirty-some years.

Windsor Daily Star:—Ten years ago, according to a Quebec cabinet minister, the gold production of the Ancient Province was valued at only \$3,000, while this year it is expected to total \$23,000,000. You have to hand it to Miss Quebec as a gold-digger.

Give A HEINTZMAN GRAND PIANO!

Too often tradition confuses highest quality with highest price and inadvertently bolts doors to the things that make life worth living. Heintzman pianos will provide your family a cherished possession in years to come—and at a price you can afford.

Deferred Payments to Suit You

H. SCHROEDER
HEINTZMAN PIANOS
Cor. of Maple and Third Phone 597

