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encouraging basis. The company has a production plant at Sault Ste. Marie and this is going along very satisfactorily. It is also understood that work is to be continued and extended at the mine property at Collins, Ont., and that additions are also planned to the plant at the Sault. The company is in a strong financial position and the directors are said to be confident of ultimate success of outstanding kind in their new venture.

## Water at Five Cents per ton Gold Value

By SHAKES

At no time since the world has become a place of nations rather than tribes has there been such a race for gold as there is to-day. The rushes of other days, with the few thousand who took part in them, are insignificant compared with the activity that is going on now in the search for the precious metal.

The new high price has done it, of course, and here in the Porcupine the results of that rise in price are to be seen on every hand in the making of mines that would not have paid at the lower price and in the doubling of the like of the older established mines. In South Africa the new price has led to a tremendous revival, and a great "scavenger" industry in running the old tailings through modern cyanide mills.

In the U.S.S.R. the government has taken over the development of gold mines and has found several great new deposits in the pre-Cambrian shield of old Siberia. A development is going on there very much similar to that of Northern Canada.

There are those who believe that the base metals could be transmuted into gold. Experiment continues in that line more actively than ever, since the new physics and chemistry in which radioactivity plays a great part, leaves plenty of room for this transmutation.

Gold is found in other places besides placer beds and hardrock mines. Sea water, for instance, is known to contain a very small percentage of gold in solution. The only difficulty is economic. This gold may have come from placer deposits, since it is found in greater quantities near California and Australia. The only difficulty is economic extraction from the water.

Dr. Fritz Haber, the great German chemist made it possible for Germany to continue in the war without the use of Chilean nitrates. His synthetic process has since the war transformed industries formerly dependent on natural supplies of nitrate. Dr. Haber did succeed in extracting the gold, but was not able to do it on a commercially profitable scale before he died, an exile from Nazi Germany.

Then Georges Claude, the man who improved the Haber ammonia process to its present very efficient state, and who made millions from his neon-tube lighting that is to be seen on the main streets of Timmins and every other town on the continent, decided to have a whirl at it.

Mr. Claude has recently been experimenting with the possibility of getting electrical energy from the tropical seas by making use of the great difference in temperature between the surface water and that at the depth of say a quarter of a mile. This did not prove commercially successful, though it did work. Now Claude believes that combining the generator with a gold extraction process may make both the energy device and the gold "mining" pay.

The problem is a big one, for sea water contains only 10 to 50 milligrams of gold per cubic meter, so that to obtain a \$35 ounce of gold (using the 50 milligram water) it would be necessary to handle 700 cubic metres of water, or about 700 tons. The gold content therefore, expressed in terms more usual in the Porcupine would be five cents per ton! Figure it out for yourself: there are 1,000 milligrams in a gram and 31.1 grams in an ounce troy. A cubic meter of water weighs about 2,200 pounds.

## How the Vein Dipped at the Guysboro, N.S., Mine

(From "Grab Samples" in The Northern Miner)

"Lap" Laprairie, that indefatigable teller of tales, related this one the other day:

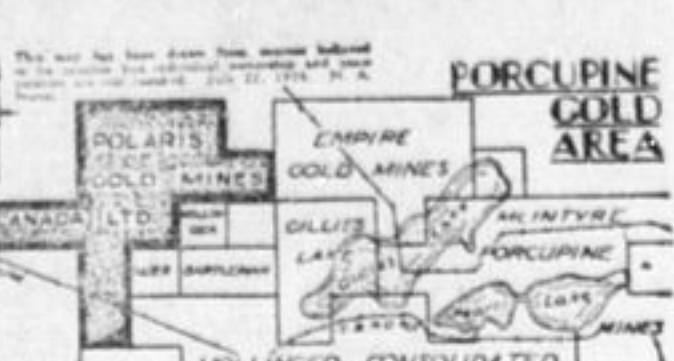
"Motoring along the seashore around Guysboro, Nova Scotia, two years ago with a mining engineer, I saw a lobster fisherman pulling up his traps and hollered that we would like to buy some. The dicker was made and we secured 38 baby lobsters weighing 35 pounds for \$1.50, which seemed to the fisherman to be quite satisfactory. We didn't complain, either.

"The fisherman asked us if we were Americans going salmon fishing and we denied it, saying that we were just a couple of salesmen, calling on the mines. Right away he became interested and told us about a 'mine' (not a claim) that he had up on the hill. We discussed the property and the wonderful vein he had for some time and finally told him that we might arrange an examination of it. My mining engineer partner finally asked the fisherman-turned-miner: 'How does the vein on your property dip?' After looking at the sky and the landscape for a moment or two, orienting himself, the fisherman said: 'Oh, I reckon she dips a bit to windward!'"

## Pleasing Dance by the Golden Chapter I.O.D.E.

The dance given Friday night at the Riverside pavilion by the Golden Chapter, I.O.D.E., was attended by a large number of Timmins people. The affair was a fine success and a most enjoyable evening is reported by those who were there.

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## Expect Strong Directorate for Prospecting Syndicate

A letter received last week from S. Reid, prospector, corrects some details in a reference in The Advance of Oct. 22nd, to a new mining field being opened up by the New Sudbury Prospecting Syndicate, of which Mr. Reid is one of the promoters. Mr. Reid says that the property is in the northeast corner township, not the northwest as stated. A typographical error also made it appear that the property was near "Flash" Lake, rather than "Flack" Lake. While there is gold on the claims, Mr. Reid considers a copper-nickel field rather than a gold field. The New Sudbury Prospecting Syndicate is only in course of being formed, he says. The following gentlemen of well-known business ability and standing have been selected for the directorate, and consent to be members of the board:—J. A. McPhail, president of the Sault Power Co.; Hon. J. A. Robb, Blind River; J. L. Kendall, Sault Ste. Marie; M. J. Dacey, Sault Ste. Marie; Mr. Reid hopes also to secure W. G. Hyland, retired banker, Sault Ste. Marie, for the board. Mr. Reid and S. Bobiwash will look after the bush end of the work.

## Here and There

Famous officers of the Canadian Pacific Railway and Sir John A. Macdonald, Prime Minister of Canada, arrived at Revelstoke recently and held a series of historic meetings. Among them were Donald A. Smith, George Stephen, James J. Hill, Van Horne and Shaughnessy, names associated for the past half century with the construction of Canada's first transcontinental railway. The party actually comprised a group of film players portraying the historic characters in the tense board-room sequence of "The Great Barrier", Gaumont British picture depicting the strenuous railway construction days fifty years ago.

Says Gene Sarazen, one time world's champion golfer, writing of the Banff Springs Hotel course at the famous resort in the Rockies:—"That course of Banff is everything you said. Miss Helen Hicks and I played it against two guests at the hotel and we were beaten. With a huge gallery it may seem funny to hear we simply couldn't keep our minds on the game—the scenery was simply too much."

The first 1937 world cruise to set out from New York will be the Canadian Pacific liner Empress of Britain which will sail January 9 for a voyage of 125 days, covering 30,000 miles and visiting 29 ports in 22 different countries. Among these countries are Palestine, Egypt, India, Ceylon, Malaya, Archipelago, the Philippines, China, Japan, Hawaii and back to New York via California, the Panama Canal and Havana.

Canada's first complete semi-streamlined air-conditioned train, built for the Canadian Pacific Railway, now in operation with four units in different parts of the Dominion, has been placed on inspection at a number of points across the country and has aroused high praise and enthusiasm on the part of the hundreds of thousands of Canadians who have seen it. In Montreal alone 60,000 spectators went through it in the four days it was on inspection at the Windsor station and the same interest was displayed everywhere else. These units will be in operation between Toronto and Detroit, Montreal and Quebec, and Edmonton and Calgary.

Prime Minister Mackenzie King and other delegates to the League of Nations Conference at Geneva sailed from Quebec in September in the Canadian Pacific flagship Empress of Britain. Accompanying the Premier was Hon. Raoul Dandurand, Government leader in the Senate and Hon. Norman Rogers, Minister of Labor.

Captain George Gould, new skipper of the Empress of Russia, made his first trip as master of the vessel early in September. It is his first command of a Pacific Empress, though he has served the fleet in all official capacities from fourth officer to staff-captain during the past 23 years.

Last of three motor parties visiting Canada this year, 14 British automobilists arrived recently at Quebec on the Empress of Britain. The motorcade under the organizer Graham Lyons, drove from Quebec to Montreal and will visit Ottawa, Toronto, London, Detroit, Cleveland, Washington and New York.

## To-day's Stocks

Listed		
Afton	6 1/2	
Ashley	8	
Barry Hollinger	4 1/2-6	
Bankfield	1.80	
Base Metals	32	
Big Missouri	47	
Bidgood	1.40	
Beattie	1.33-1.38	
Bobjo	23	
Bralorne	8.70	
Buffalo Ankerite	10.50	
Canadian Malartic	1.40	
Castle T.	1.30	
Central Patricia	3.90	
Central Porcupine	32	
Coniaurium	1.80	
Cons. Chibougamau	2.17	
Dome	52.50-53.25	
Eldorado	1.39	
Francoeur	90	
Falconbridge	11.65	
Glenora	19	
God's Lake	80	
Granada	29	
Greene Stabelle	50	
Gunnar	94	
Hardock	3.00	
Hollinger	13.50	
Howey	67	
Hudson Bay	28 1/2	
International Nickel	61.25	
Jackson Manion	42	
Kirkland Lake	60	
Lebel Oro	20 1/2	
Lake Shore	55.00	
Lee Gold	6A	
Little Long Lac	6.55	
Macassa	4.95	
MacLeod Cocksbutt	4.50	
Manitoba and East	13 1/2	
Maple Leaf	20	
McIntyre	40.00	
McKenzie Red Lake	1.68	
McMillan Gold	8 1/2-9	
McVittie Graham	19 1/2	
McWatters	1.04	
Mining Corporation	2.10	
Moneta	1.88	
Nipissing	2.40	
Night Hawk	3	
Noranda	69.25	
Omega	52-55	
Pamour	3.30B	
Paymaster	1.19	
Pickle Crow	6.30	
Pioneer	7.00	
Porcupine Crown	9	
Preston East Dome	1.29	
Premier	2.95B	
Read Authier	4.00-4.05	
Red Lake Goldshore	1.80	
Reno	1.28	
Robt Montbray	6	
San Antonio	2.37	
Shawkey	81	
Sherritt Gordon	2.45	
St. Anthony	16 1/2	
South Tiblemont	3 1/2-4	
Sullivan	1.90	
Sudbury Mines	3E	
Sudbury Contact	31	
Stadacona	60	
Sylvanite	3.00	
Siscoe	4.35	
Teck Hughes	5.15	
Toburn	3.80	
Ventures	2.56	
Wayside	9	
Wright Hargreaves	7.70	
White Eagle	3 1/2 B	

Unlisted	Bid	Asked
Canadian Pandor	16	18
Casey Contact	3 1/2	4 1/2
Casey Summit	—	29
Causa (new)	—	75
De Santis	63	70
Delnite	—	85
Delwood	—	20
Forty-four	—	2.00
Gilles Lake Porcupine	64	67
Gilbec	4	5
Hugh Pam	—	30
Lamaque	7.25	7.75
Leitch	66	70
Magnet Lake	11	13
Moffatt Hall (new)	7	9
Payore	—	30
Ossian	7	8
Porcupine Creek (units)	—	140.00
Porquin	16	20
Porcupine Goldreef	2 1/2	3 1/2
Predor	—	30
Vimy	—	15
Young Davidson	18	21

## Preliminary Work Done on Larder Lake Property

Officials of Proprietary Mines Ltd., announce that the examination and sampling of the old workings of the Harris Maxwell Mine at Larder Lake has been completed. The sampling indicated that the old workings showed about one year's supply of ore of \$11.00 grade, with excellent possibilities of increasing this through more exploration.

The mine has been developed to a depth of 500 ft. and since there will be development charge on the ore now exposed, the Company intend to open up the mine and recover this ore. Electric power for this work will be supplied by their own power plant at Raven River.

This will place the third property of Proprietary Mines, Ltd., in active operation. The other two in which Proprietary is interested are the Omega Gold Mine and the Kerr-Addison Mines. The Harris Maxwell is owned outright by Proprietary Mines Ltd., and it is the intention of the Company to operate it without outside assistance.

Renfrew Mercury:—In a recent address Mr. T. E. Bradshaw, president of the North American Life, criticized the type of financial report which is gotten out by the average municipality and said that these were dull and uninspired and were put out in such a manner that they discouraged study by the average ratepayer. "They fail to explain the matters and are drab, dreary documents and are an insult to the ordinary man's intelligence." He said that these documents should give a review of the year's operations and should be in a readable language. A human document which could be easily read.

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## News and Notes of Timmins Girl Guides

### Masquerade Party Held by Girl Guides. Meetings of Brownies and Rangers

The 51st I.O.D.E. and the new company of Girl Guides held a joint masquerade party in the Central School. Most of the Guides wore costumes which added to the fun.

Games were played for a while and then an amateur programme was conducted.

Lunch was served. The party closed with the singing of "Taps."

**Brownies**  
The two Brownie Packs held a joint masquerade party. All of the Brownies were in costume. The Brownies were divided into two groups, Town Owl Beckett taking one group and Captain Cranston the other. Many games were played. Lunch was served and the Brownies dismissed.

**Rangers**  
The Rangers will hold a meeting on Thursday, Nov. 5th, in the Hollinger recreation hall. Lone Guide work will be done.

Try The Advance Want Advertisements

Toronto Telegram:—That nickel reported found in Western Canada is probably more valuable than any of their Social Credit money.



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## The SNAPSHOT GUILD

HOME LIFE



Family gatherings offer unusual opportunities for story-telling pictures.

A READER of the Snapshot Guild sent in the above picture as an example of what can be done by an amateur photographer with an inexpensive camera.

Photographically it is an excellent picture and this Guild member is to be congratulated on his work.

To the Snapshot Guild, however, this picture represents much more than an example of good photography. It tells a real story. As we visualize the story behind this picture it takes us into the homes of thousands of typical Canadian family groups gathered at the home of parents for the day or evening.

It is just such pictures that add interest and value to your snapshot collection and every year, as the children "grow up," you will cherish such snapshots more and more. Record pictures, such as scenes, buildings, monuments and other places of interest you snap in your travels are important and interesting, but don't overlook the innumerable opportunities for intimate, story-telling pictures of the family.

With present day film and Photoflash or Photoflood bulbs you can take indoor pictures with any camera equipped for "time" exposure. The picture above was taken with an ordinary camera with the aid of a No. 20 Photoflash bulb.

Here is what you do. Place your camera on a tripod, table or something solid so that there will be no movement of the camera when the picture is taken. Locate your subjects, or group in the finder. At arm's length to the side of your camera place an ordinary floor lamp; to get full efficiency from the light, remove the shade and hold a white card or a pillow case in back of it to serve as a reflector. If in a group picture of this kind you find that the distance at which the Photoflash will be placed is about 10 feet from the group, use stop f/11 with an anastigmat lens or No. 1 stop on single lens cameras or box cameras. With double lenses not of the anastigmat

type, use the largest stop. With the current in the lamp turned off place the home bulb with the Photoflash bulb. Set your camera for a time exposure; open the shutter and instantly "turn on" the Photoflash bulb which you have placed in the floor lamp. There will be a vivid, instantaneous flash of light. Immediately after this flash close the shutter of your camera and you have your picture.

If you prefer you can take a snapshot of such a group, providing you have a camera with an f/6.3 lens or faster, using Photoflood bulbs. It will be necessary to employ two floor lamps; place one lamp about 5 feet in front and a little to the right of your subjects; place lamp number two about six feet to the front and left of the group. Tilt the shades on the lamps so that the light is cast over the entire group. Place two Photoflood bulbs in the lamp to the left and one or two in the one to the right. Be sure to use super-sensitive panchromatic film for best results for snapshots of this kind of a set-up. With film slower than super-sensitive short time exposures can be made with Photoflood bulbs.

Set the diaphragm at f/6.3 and the shutter speed at 1/25 of a second; turn on your Photoflood lamp and—snap—you have made a snapshot at night indoors.

When shades on home lamps cannot be tilted or are of a kind that does not permit directing the light on the subject, remove the shade. In such cases, some kind of reflector back of the lights will throw considerably more light forward.

Don't forget these important pictures around the home. Get some Photoflash or Photoflood bulbs (they can be purchased in almost any store where they sell photographic supplies), load your camera with super-sensitive panchromatic film and take a few snapshots at night indoors. It's a lot of fun.

JOHN VAN GUILDER

## The Porcupine Advance Says



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- Canadian Magazine - 1 yr.
- Chatelaine - - - - 1 yr.
- Pictorial Review - - 1 yr.
- Silver Screen - - - - 1 yr.
- American Boy - - - - 1 yr.
- Parents' Magazine - - 6 mo.
- Can. Horticulture and Home Magazine - - - 1 yr.

**GROUP 2**  
SELECT ONE MAGAZINE

- Liberty Mag. (52 Issues) 1 yr.
- Judge - - - - - 1 yr.
- Parents' Magazine - - 1 yr.
- True Story - - - - - 1 yr.
- Screenland - - - - - 1 yr.
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One magazine from group 1  
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One magazine from group 2  
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