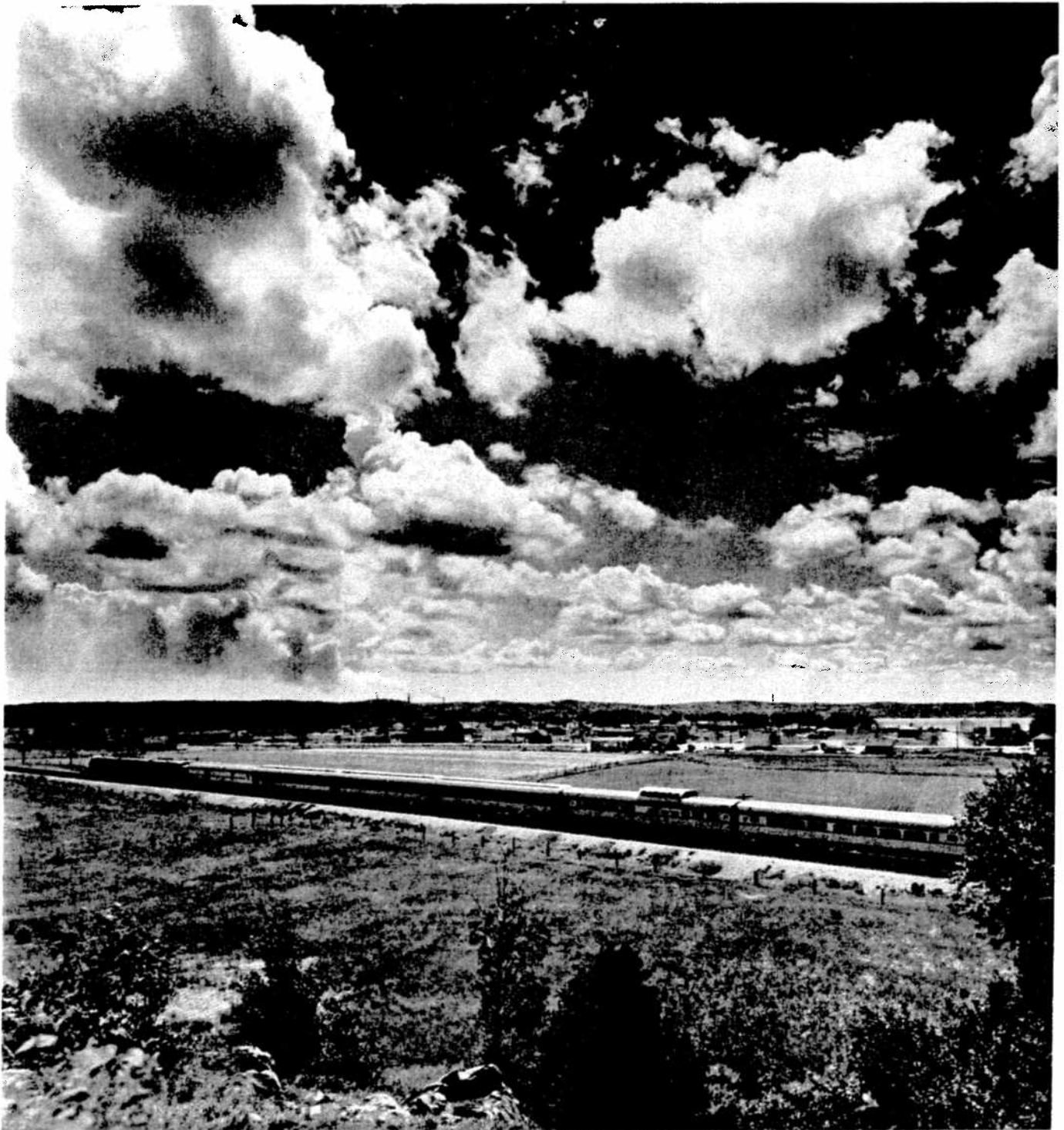


# INCO TRIANGLE

VOLUME 15

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NUMBER 3



Nickel and The Canadian

(STORY ON PAGE 4)



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Den M. Dunbar, Editor.

EDITORIAL OFFICE COPPER CLIFF, ONT.

## Say Small-Mouthed Bass Is the Gamest Fresh Water Fish

The quest of the bronzeback begins in most of Ontario on July 1. Then, for thousands of Canadian and U.S. fishermen, the angling season really gets under way, because the small-mouthed black bass, to many, represents the world's finest fishing.

Of course, fishing has been going on ever since the ice went out for perch, speckled and lake trout, pickerel or wall-eyed pike, land-locked salmon or ouananiche, and half a dozen other varieties. But it's not until the bass season opens that many ardent fishermen really pack up their tackle and say a hasty farewell to wife and family—or take them along for the sport.

Let's have a look at micropterus dolomieu, the fish which, though subjected to probably the heaviest fishing of all Ontario species, still increases in number and size to the point where he is found everywhere from the Great Lakes regions of southern Ontario to north of Lake Nipissing and the extreme westerly end of the Province, Lake of the Woods.

Generally, the average weight of the small-mouth bass runs from about a pound and a half to just over two pounds. A seven-pounder—and some are reported to the Ontario Department of Lands and Forests every year—will win prizes in most fishing contests.

The largest ever caught in this Province came from Macauley Lake, in Nipissing County, and weighed nine pounds two ounces. The world's record bass weighed 14 pounds and was caught in Florida, where warmer water temperatures presumably aid growth.

It isn't the size that makes the small-mouth so popular. Dr. William Hensall, one of the leading fishing authorities, claims that "ounce for ounce and pound for pound, the small-mouth bass is the gamest fish in fresh water." Nothing in the more recent history of the bass has changed this opinion.

The small-mouth has a close relative, the large-mouth bass. But to the expert there is no problem of identity. The large-mouth has a robust, deep body with a large head and mouth. There are numerous small teeth on the jaws and roof of the mouth, which extends to below the eye. There are three stiff spines on the front of the anal fin and the spines of the dorsal fin are short and of a more uniform length than those of the small-mouth. The marking of the fish also are different.

On the sides are distinct vertical bars, sometimes broken to give a spotted effect on the upper portion of the sides. The overall color varies with environment. Fish from large weedy lakes are mostly pale green. Fish from smaller waters of inland lakes may be dark brown.

Bass are found in greatest numbers in rocky lakes and rivers. According to experts of the Fish and Wildlife Division of the Dept. of Lands and Forests, most favorable conditions are found in clear, rocky lakes

## Led Their League at Inco Club



The team captained by Al Amos were crowned champs of the 11-team Copper Cliff league which was part of the winter's bowling activity at the Inco Employees' Club in Sudbury. Here they are: Al Amos, Scotty McDermott, Freddie Rodgers, Mike Rodgers, Curly Gallen, Shag Faddick, and, to make it official, the president of the loop, Bill Brown.

having depths in excess of 25 to 50 feet, with sparse aquatic vegetation and rocky or gravelly shoals. Lakes which become excessively warm, over 80 degrees, or remain cool, below 60 degrees, aren't usually the best places for the small-mouth.

The bass usually begin spawning in June, but that depends largely on the water temperature. Between 60 and 70 degrees is the most favorable. It frequently happens that the water doesn't warm up to that point until late June or even early July but, on the average, the July 1 opening date is about right, biologists have found.

When spawning is completed, the male bass guards the nest and eggs, driving away all intruders and striking freely at anything approaching—even the angler's bait. Since bass often are found in waters with speckled trout, pickerel and lake trout, many are caught and injured by their own sheer fury and attack.

That's why the Department urges anglers not to toss plugs or other baits into waters where bass are found before the season is officially opened on July 1. If the parent bass is destroyed, it means a lost hatch—possible destruction of thousands of potential game fish of the future.

W. B. Scott, one of Ontario's greatest experts on fresh water game fish, has this to say about the small-mouth: "It is the most popular game fish to the average Ontario sportsman because of its superb fighting qualities, its preference for shallow water and its readiness to strike at a bait or lure throughout the summer months."

There's hardly a bait or lure refused by the bass. He's fond of minnows, crayfish, water leeches, grasshoppers and worms. He'll strike at spinners, plugs, spoons as used by the bait-caster, at bugs and streamer flies of the fly-caster, and at almost any of the spinning baits. Bass even have been known to hit a minnow-shaped piece of bologna taken from a dried-out sandwich by an angler who had run short of other baits!

### LINCOLN'S METHOD

President Lincoln was once taken to task for his attitude towards his enemies.

"Why do you try to make friends of them?" asked an associate. "You should try to destroy them."

"Am I not destroying my enemies," Lincoln gently replied, "when I make them my friends?"

## Had Over 36 Years Of Credited Service



Credited service of more than 36 years is the fine record rolled up by Tony Prenol of Coniston, who has retired on Inco pension.

Born at Volpago, Treviso, Italy, on April 16, 1890, he worked on his father's farm until he set out for Canada as a young man of 17. He was married at Coniston in 1921 to Emma Oliver, and they have a family of four: Flora (Mrs. George Paquette) and Maria (Mrs. Alfred Desloges) of Coniston, and Lydia and Reno, residing with them. They have five grandchildren.

The Triangle joins his host of friends in wishing Tony a long and happy retirement.

### MYSTIFIED

On the first day of school the teacher explained that if anyone had to go to the washroom, he should hold up two fingers.

One puzzled little boy asked plaintively: "How's that going to help?"

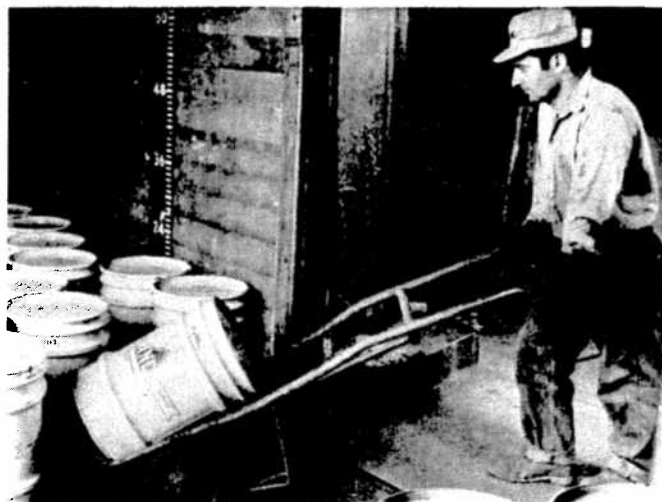
# INCO FAMILY ALBUM

Rounding up the small fry for a photograph can be quite a chore of a summer evening, but eventually everybody was accounted for in this attractive set: (1) Mr. and Mrs. Norman Pearce (Copper Cliff) with Gordon, 10, Bobbie, 15, Stanley, 3, and Douglas, 6. (2) Mr. and Mrs. Jeff Hjordlefson (Garson Mine) with Robert, 2, Joanna, 6, Kathryn, 4, and Eric, 4 mos. (3) Mr. and Mrs. Wes Johnson (Frood-Stobie Mine) with Genie, 12, Kim, 1½, and Linda, 9. (4) Mr. and Mrs. Walter Sokoloskie (Murray Mine) with Alvin, 10, Martin, 2, and Wayne, 12. (5) Mr. and Mrs. John Moland (Copper Refinery) with Eric, 18 mos. (6) Mr. and Mrs. Bert Smyth (Creighton Mine) with Dan, 6, Jay, 7, Jannette, 4 mos., Paul, 1½, David, 4, and Patrick, 2½. (7) Mr. and Mrs. Lloyd Goss (Port Colborne Refinery) with David, 2, and Douglas, 1.





## A Pair of Familiar Scenes at the Nickel Refinery



The roving Triangle camera picked up these two familiar activities in the anode department at the Nickel Refinery, Port Colborne. On the left, Carl Sherk, furnaceman, helps Andy Dobos cut out a pouring drum lip for repairs prior to the next tap of their anode furnace. On the right Philip Pambianco is loading a car of "F" nickel shot packed for shipment, each drum weighing 500 lbs. net.

## The Canadian and Nickel a "Natural"

Down from the north range and across the Sudbury Basin, where fertile fields lay lush in the noon-day sun, streaked the CPR's silvery streamliner, The Canadian, eager for the last leg of its swift daily run from Vancouver to Toronto.

Just past Chelmsford the Triangle camera was waiting to catch a cover picture of the new train at a point where the chimneys of the Inco nickel industry would show on the skyline. Together these two form a photographic "natural" because from nickel this gleaming symbol of nationhood draws toughness and strength. Half a million pounds of nickel went into the stainless steel with which The Canadian fleet was built.

Canadian Pacific has invested approximately \$40,000,000 for 173 all-stainless steel transcontinental passenger car equipment for operation on 18 trains running between Vancouver and Toronto-Montreal. Included

long, but also for many uses such as the inside surface of the dome and to enclose the insulation over the trucks of the sleeping cars. Seats, lounge chair frames, and satin finish mouldings for the plastic paneling also use stainless steel.

Both the Canadian Pacific and the Canadian National have also ordered a number of self-propelled combination passenger and freight and mail cars for short haul operation in the eastern provinces. These are built of stainless steel too. Although less spectacular than the transcontinental trains, they are part of a long-range program for the revitalizing of railway passenger business which may have a very substantial effect on the Canadian economy.

It is impossible to see an all-stainless steel train flash through the countryside and not feel a sense of the drama and romance of railroading as well as of the great nickel-containing material which makes possible this development in modern transportation.

Atlas Steel News, published by Atlas Steel Co. of Welland, rhapsodizes about the magnificent new train in part as follows:

"Perhaps nothing anyone could do will give more impetus to Canada's stainless steel industry than the regular appearance on our two great railway systems of stainless steel trains. To see such trains flash by in the sun, to enter them at a station gripping firmly the confidence-giving stainless steel hand rails, to relax in the comfort and safety of stainless steel cars, to dine in them, sleep in them, luxuriate in them, will create lasting and favorable reactions on the part of all passengers. . . . Once the public has securely grasped the implications inherent in stainless steel, it will demand more and more products made from it. . . . We have needed these trains to spark a trend."

## Truth-Stretching Contest Announced

Always on the qui vive for a new entertainment wrinkle for their members, Frood-Stobie Athletic Association have started their own annual fishing contest.

All classes of local game fish are covered, including speckled, rainbow and lake trout, pickerel, northern pike and bass, with the contest in each class closing at the end of the legal season.

Attractive individual trophies will be presented to each class winner and in addition a record of their names and catch will appear on a large trophy which will remain on display at Frood.

At presstime it looks as if Pete Stewart (No. 3 Shaft Warehouse) has the inside track in the pickerel class with a whopping



Gene Monohan was one of the early entrants in the Frood-Stobie fishing contest with this 5-pound pickerel he yanked out of Lake Nipissing.

9 pound 2 ounce beauty caught near his camp at Penage and doubtless subdued with a rubber hose.

Several other entries have been received in the pickerel class with Eugene Monohan (Blacksmith Shop) hooking a 5 pound dandy in Lake Nipissing and Eugene Tarnopolsky (No. 7 Shaft) landing a fighting 6 pound beauty at Lake Agnew.

Action should soon be forthcoming in the trout class. Veteran trout fisherman Rube Cook, for one, will surely make the boys step in this division.

Canadian factories produced 674,434 cigarette lighters and 398,698,000 books of matches in 1952.



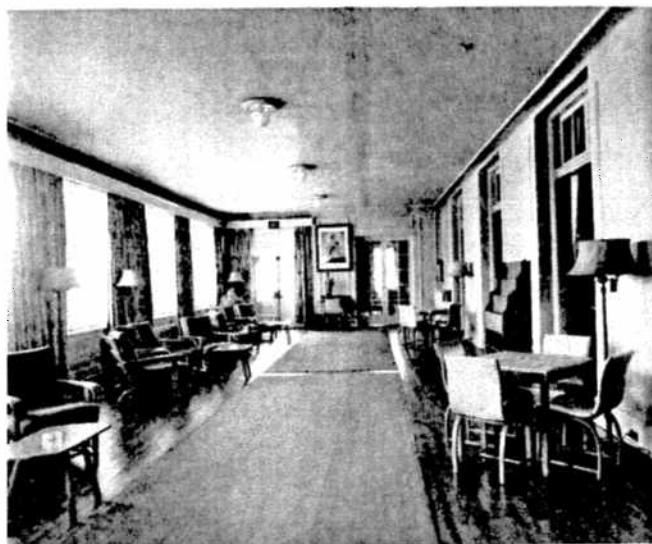
are 36 scenic dome cars to provide tourists and vacationists with breath-taking views of the magnificent Canadian Rockies and other scenic wonders along the way.

Nickel-containing stainless steel was not only used in the car bodies, which are 85 feet

## Copper Cliff Club a Venerable Nickel Belt Institution



THE SITTING ROOM



THE SUN PORCH



THE MAIN HALL



The new board of directors of the Copper Cliff Club was photographed at a recent meeting: Jack Lilley, Earl Stoneman, Walter Hardacre, Frederic Benard (president), Foster Todd, and Don Fraser.

## Recall Highlights At Popular Centre Now In 40th Year

Now in the 40th year of service to its large membership, the venerable Copper Cliff Club has made an important contribution to the happiness and welfare of the district. Down through the years from the days when opportunities for diversion were few and far between in the rugged north, it has served as a hub of entertainment, recreation, and culture in the Nickel Belt.

Interesting and amusing sidelights on the club's colorful history can be gleaned from the file of monthly notices sent out to advise the members of coming events.

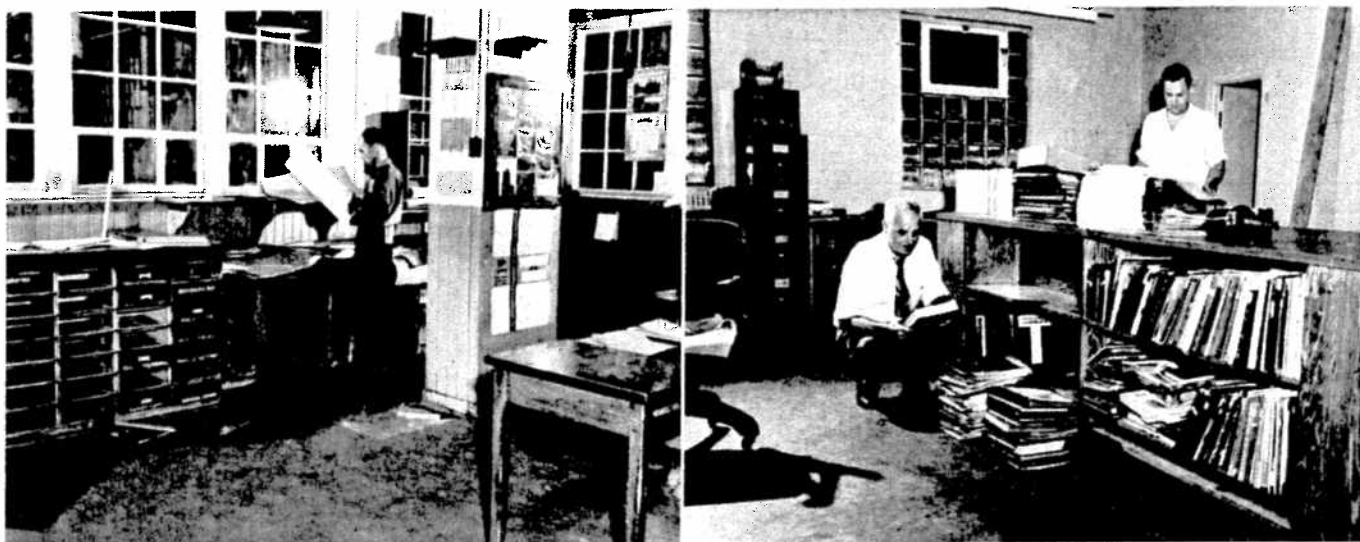
Feature attraction at the 1919 anniversary ball, the file reveals, were Mr. and Mrs. Mosher of Toronto, billed as "Canada's Celebrated Dancers". Apparently Mosher impressed the Cliffites as being very hep of hoof, for he was held over to give a series of six dancing lessons. Three groups of 50 members each were organized, one for Beginners, one for Advanced, and one for the old smoothies who just wanted to Practice — and perhaps even show Mosher a thing or two. The fee was \$5.00 for six lessons, "strictly in advance".

Saturday night, May 15, 1920, was a night long to be remembered. The Cock-o'-the-North Minstrels finally staged their show. There was Frank Taylor, the Original Mint Julep; Rotund Billy Hambley, Basso Profundo (also good in the field); Newton and Hazelden, tenors, the Lark and the Nightingale, late of the Crystal Palace, London; Snowball Rogers, the Georgia possum hunter; Big Six Moorehouse, the Midnight Warbler; Arthur Kirby, the silver-toned balladser, and other celebrated local performers.

Like a Who's Who of the entertainment profession in earlier times reads a nostalgic list of some of the special attractions at the club: David Duggin, Scotch American tenor (1920); Del Mar Singers and the Virginia Girls, both from the Lyceum circuit (1921); Rev. Byron Stauffer, Toronto lecturer, "The Folks Next Door" (1921); J. W. Bengough, world famous cartoonist (1922); Reno, the

(Continued on Page 9)

## Moving Day for Shops Office Staff at Copper Cliff



Completing an even quarter of a century at their familiar location in the machine shop, the Shops Office staff at Copper Cliff celebrated the silver anniversary by moving across the avenue to more commodious quarters in the building formerly occupied by the Fraser-Brace administration. Picture on the left shows Robby Robertson going over some of the engineering drawings in the abandoned office on moving day, while the shot on the right has Fraser Field and Bob McCleary arranging catalogues and other reference material in the new diggings.

## Served Almost 26 Years at the Frood

Adelard J. Sauve, who was born some 50 years ago in the little town of Bourget, Ontario, retired recently on disability pension with credited service of almost 26 years. He hired on at Frood Mine shortly after the completion of sinking No. 3 Shaft and worked there throughout his service with the Company.

After turning his hand to several jobs in connection with the development of the mine he became a skip tender, which he remained for some 16 years, and during that time saw an almost incredible amount of muck being

employees of Mond Nickel Co. at Garson Mine. He left school in 1920 and spent the next eight years working in the paper mills at Espanola. In 1928 he started at Frood.

He was married in Sudbury in 1933 to Albina Ranger and they have three fine children. The eldest, Jacqueline, is married and lives in Ottawa; Yvette, who is 17, passed her junior matriculation this year and plans to attend college in Ottawa next term and eventually become a teacher. Michael, who is 4, is still keeping things stirred up around the parental hearth.

Adelard has always been known as a particularly steady and dependable workman and will be greatly missed at the mine. All his many friends join in wishing him a long and happy retirement.

### PERSONNEL OFFICE MOVED

The local personnel office at Copper Cliff is now located in the plant where it is more readily accessible to Reduction Section employees. The new location is in the building previously occupied by Fraser-Brace, between the firehall and warehouse and almost directly across from the machine shop. The new telephone number is MU. 24537. Personnel officers Alton Browne or Gordon McLean will be glad to see or hear from any employees at their new office.

### IN PASSING

Mountain Guide—"Be careful not to fall here. It's dangerous. But, if you do fall, remember to look to the left. You get a wonderful view."



MR. AND MRS. A. J. SAUVE

hoisted since he worked on the skips throughout the era when Frood was at its production peak.

In 1944 Adelard became a timberman in Joe Ressel's construction gang and remained there until 1947 when he was transferred to surface. When it became necessary to have a man loading gravel almost steadily for concrete work underground, Adelard was gazetted a surface slusherman and remained on that job until his recent retirement.

Adelard's family moved to a farm near Garson before he was of school age. At one time his father and three brothers were all

## Pipe Band Is Very Smart Unit



All but four members were present for this photograph of the Copper Cliff Highland Cadet Corps pipe band, which will be a special attraction at the Highland Games to be held at Sault Ste. Marie on Saturday, July 16. Seated at the right is Lieut.-Colonel Swain, officer commanding the corps, and at the left is Lieut.-Piper Bill Livingstone, the band's instructor and himself one of the finest pipers in Ontario. His son Ranald, the pipe major, is on the left of the first row.



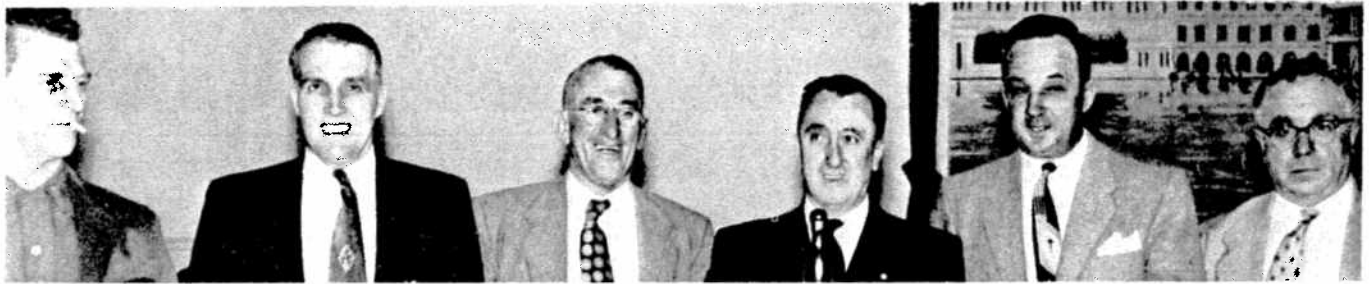
# They're Champs of Frood-Stobie Bowling League



That hardy perennial, the Frood-Stobie Athletic Association's bowling league, wound up another action-packed season with a rousing dinner-dance at the Caruso Club. Almost 200 bowlers, many of them active in the league for 15 years and more, brought

their ladies to enjoy the fine fare and see the presentation of prizes. As usual, a large measure of credit for the smoothly efficient operation of the league went to Albert Stone, the indefatigable secretary. He handled the arrangements for the banquet along with

Eldred Dickie, the association secretary, who emceed the program. Pictured above are the winners of the A section schedule, Percy Dowse, "Perch" Grassam, Eli Simon, Bill Stevens (captain), Jim Kilby, and Bert Hagerty.



In this photo are the winners of the Frood-Stobie A section playoff, Doug Risk, Bill Seawright, Gordie Quinn (captain), Mel McNichol, Percy Lloyd and Cecil Burton.

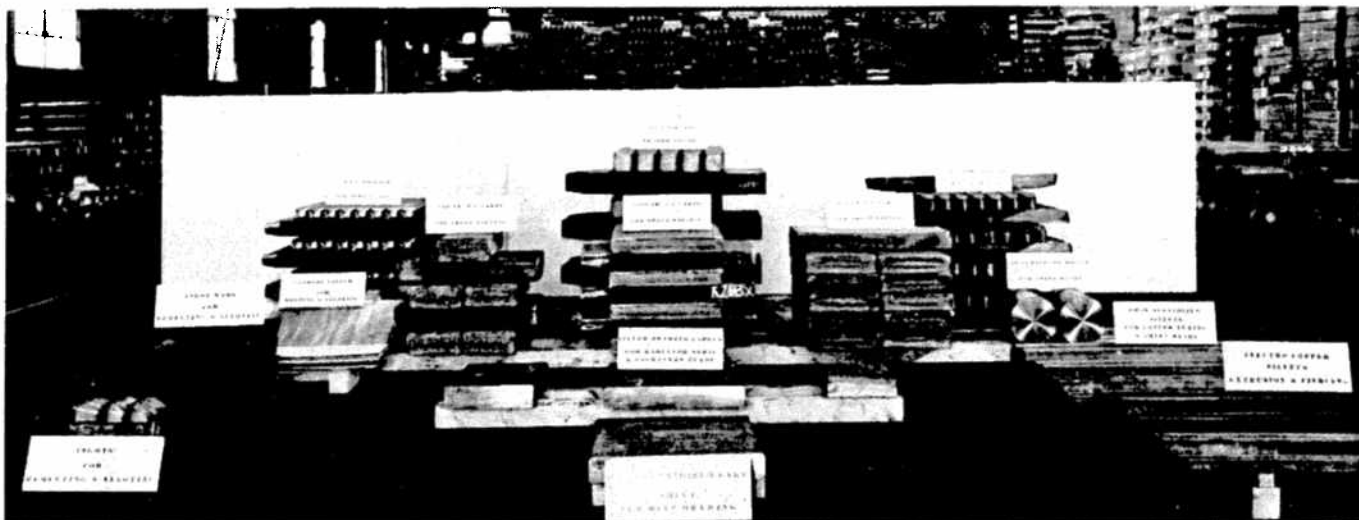


Picture on the left has the winners of the B section regular schedule, Stan Forman, Wes Lepage, Harry Edwards (captain), Andy Chartier, George Constable; not shown, Pat Scanlon. On the right are the victors in the B section playoff, Jim Belt, Taisto Hanninen (captain), Tom Kirwin, Bill Baby; not shown, Mike Sandbloom, John Bureau.



In the C section regular schedule, the big winners were Tony Hebert, Jack Boyle, Don McLellan (captain), Michael Banks, Walter Pinette, all of whom appear in the picture on the left. The C section playoff champs, shown on the right, were George Tomac, John Kennedy, Eddie Fortier (captain), Armando Paolin, Hector Carriere, and Zenas Wowk.

## Ever Wonder How Nickel's Ore Mate Goes to Market?



In this display of Inco refined copper shapes, arranged at the Copper Refinery for a group of distinguished visitors, are seen some of the 70 different forms and sizes which are produced to meet the highly specialized demands of modern industry.



At the Copper Refinery R. Gauthier removes the chain slings from a batch of vertically cast wire bars which are being stored awaiting shipment. In the background are cylindrical sections, or billets, which are pierced or extruded through dies to form various types of seamless tubing, domestic water pipe, etc. Wire bars, cast either vertically or horizontally, are rolled into rod and then drawn into wire.

## Copper Produced In Big Variety of Shapes and Sizes

Concentrating on the daily round of duties in the mines or reduction plants — from slusher to skip, from grinding to separation — few pause to wonder about the actual form in which Inco's products are finally delivered to the consumer, and what they are used for.

Although it's normally less in the news than its highly publicized ore mate, copper certainly takes no back seat to nickel in the variety of shapes and sizes in which it sallies forth from the refinery at Copper Cliff to meet its public.

Blister copper produced at the smelter and taken over to the refinery in a molten state in hot metal cars, is processed to a purity of 99.98% plus in operations which have already been described in detail for Triangle readers. It is then remelted and cast into one of some 70 different forms in which the fabricating industry requires it in widely varying quantities.

The most common shape produced on the refinery's casting wheel is the horizontally cast wire bar, which fabricators roll into rod and then draw into wire. Wire bars cast vertically go into the production of a highly specialized type of wire. Larger cross-section wire bars are rolled into thin narrow strips used in the manufacture of industrial electrical equipment.

Other refined copper shapes usually in large demand by the trade include ingots and ingot bars, cakes, billets, silver-bearing cakes, and cathodes.

Ingots and ingot bars are basically intended for remelting and alloying, as in brass; also produced for remelting is a copper shot which is a basic source of copper in the chemical industry.

The several types and sizes of cakes turned out at the refinery are used mainly for the production of the sheet copper so extensively required by manufacturers. Silver-bearing cakes are rolled into sheet for use by photo-engravers and for the fabrication of automobile radiators. A special cake is rolled

(Continued on Page 12)



## "An Experience I Wouldn't Want to Have Missed"



Pete Taylor, fitter in the sinter plant at Copper Cliff, reveals to J. C. Parlee, manager of Inco's reduction plants, how a fellow feels just after being presented with an Employees' Suggestion Plan cheque for \$1,000. "It's an experience I wouldn't want to have missed," said Pete. "In all seriousness I would like to thank you and the Inco for making it possible for a man to get a big break like this. It's wonderful, that's what it is."

## Pete Taylor, Sinter Plant Fitter, Clicks For \$1000.00 Suggestion Plan Award

A graduate of Professor Jock Rennie's fitter college at Copper Cliff smelter, Pete Taylor last month became the latest recipient of the peak Suggestion Plan payoff, a cool taxfree \$1,000.00.

A mechanic in the sinter plant, Pete put his know-how and common sense to work and came up with a very practical idea to increase the life of sinter plant conveyor belts. The Suggestion Plan committee promptly put his idea on trial and it wasn't long before the efficiency engineers were reporting results in (for them) glowing terms. They had no hesitation in recommending that the maximum award be paid to Pete, and the accounting department was instructed to issue a cheque to him for one thousand dollars.

Called into the office of J. C. Parlee, manager of reduction plants, to be presented with his award, Pete felt sure he was going to receive a considerable sum, but he was one very surprised and delighted citizen when he saw the size of the cheque. "You could have knocked me over with a truck," he murmured afterward.

"What'll I do with it? Mister, that money is going right into the bank where it'll be good and safe. I've got a young fellow coming along who will be going to college, and I imagine he'll find a use for it."

It was the second time Pete clicked with the suggestion plan. His first idea netted him \$10.00. He says he has another hunch that may pay off, and he'll be dropping it in the box one of these days.

Pete, who came from Coldwater and is 50 years old, was married at Sudbury in 1922 to Stella Smith, whose home was at Lake of the Woods. Two of their four sons, Jim and Joe, are employed with Inco at Copper Cliff; Tom works in Sudbury and Maurice is still in school. They have four grandchildren.

Apart from his family Pete's favorite interest off the job is outdoor life at Lake Wanapitae, where he has been camping for 25 years. Two years ago he built his own place there and it's his heart's delight.

News of Pete's success in ringing down the \$1,000.00 jackpot will be heard with pleasure and satisfaction throughout the Inco organ-

ization. It not only means that another fellow employee will be able to realize a fond ambition, it also means that another outstanding idea has been contributed to the efficiency of the Company's operations, from which everybody benefits.

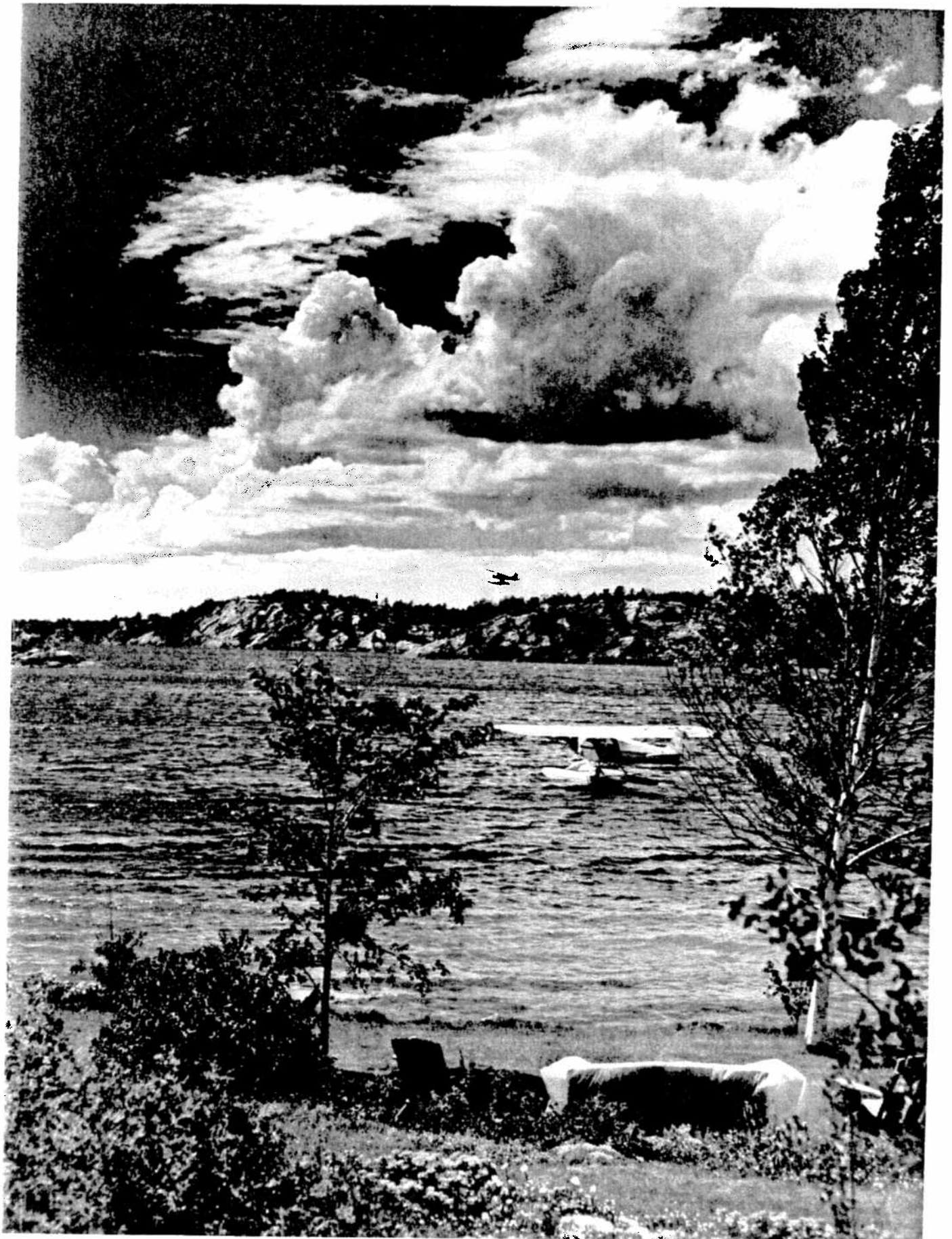
## Recall Highlights

(Continued from Page 5)

magician (1923); Hart House String Quartet and Reginald Stewart, piano virtuoso (1926); Stephen Foster Concert Company and Boris Hambourg trio (1926); Adanac Quartet, under direction of Ruthven MacDonald (1927); Luigi Romanelli's orchestra from Toronto, (1931); Canadian Olympic bridge champion, Hamlin B. Hatch, lectures (1933); Bernice Claire, leading lady of the motion pictures "No No Nanette" and "Kiss Me Again", recital (1934); Frances James and the Toronto Trio, Eileen Waddington, pianist, and Stanley Maxted, baritone (1936); Mart Kenny and his Western Gentlemen (1941).

### A PASSING ACQUAINTANCE

A race horse had a bad year. He finished last many times. In an effort to change his luck he went to Churchill Downs. One morning he was having a workout on the track when he stopped to speak to another horse. "I can't remember your name," he said, "but your tail is familiar."



*Wings Over Trout Lake*

## Lots of Interest In Fashion Show

As a fund-raising project for furnishings for its new quarters, Lively Community Y came up with a winning idea when it staged a smart summer fashion show for the "young set" at the Creighton Employees' Club.



Diane Wilson, Jackie Robertson, and Roberta Dennis were three of 19 young people who acted as models for the very successful fashion show.

Dr. Calvin Cupp, who daily holds forth at the Research Lab. in Copper Cliff, was prevailed upon to act as master of ceremonies at this stylish affair, and a fine job he made of it. General convenor was Mrs. Bud Buchanan, assisted by Mrs. Fred Green, and members of the committee were Mrs. Ab Elliott and Mrs. Cal Cupp (ticket sales), Mrs. John Robertson and Mrs. Art Fenske (decorations), Mrs. Bud Hallbourg and Mrs. Walter Chornenky (wardrobe), Mrs. Jack Pigott and Mrs. Gar Green (refreshments).



Cally Chornenky and Joanne Cooper demonstrated what the well-dressed young Lively miss is wearing these warm days. Couple of dolls, eh?

### ONE-TRACK MIND

Teacher—Willie, can you tell me where Cleveland is?"

Willie—Yes'm. Cleveland is in New York today, and Bob Feller is pitchin'.

## Third Military Ball a Brilliant Event



At the annual Military Ball Lt.-Colonel Bob Swain, officer commanding Copper Cliff Highland Cadet Corps, Mrs. Swain, and Mrs. Maddock hear an amusing story from Mayor C. O. Maddock of Copper Cliff.



Another attractive group caught by the Triangle camera at the Military Ball was composed of Lt. Wayne West, Mrs. West, Mrs. Beckett and Lt. Bill Beckett. Held in the Canadian Legion hall, as usual very attractive with special appointments and subtle lighting effects, the ball was under the distinguished patronage of His Honor The Lieutenant-Governor of Ontario, and under the auspices of 58th (Sudbury) Light A. A. Reg't., (Lt.-Colonel Carl Wilson), and 33rd Technical Squadron R.C.E.M.E. (Major Gordon Machum).

## Meeting of Divoteers Scheduled for Aug. 20

Warned well in advance, Inco divoteers are sharpening their shots for the annual inter-plant golf tournament, which will be staged this year on August 20.

The sleek, flawlessly groomed greens and fairways of Idylwyde Golf and Country Club will again be the scene of this popular event. Pre-tourney talk indicates that the entry list will as usual include many who have never before lifted a putter in self-defence. The Callaway handicap system puts the tyro on the same footing as the par-crusher, and guarantees a democratic division of the loot, of which there will be ample.

Presentation of prizes will take place at the banquet to be held immediately following conclusion of play. The grand finale will be a dance for the players, their wives and or friends.

There will be no post-tournament play this year. Competition will be concluded on the

one day and will be for the R. L. Beattie and E. C. Lambert trophies and team prizes, low gross and low net prizes, and various special awards for unusual behavior of one kind or another.

### TELL THE CHILDREN

There is something memorable in Clare Tree Major's verse titled as above, a something that calls for thought as well as memory.

"Would you set your name among the stars? Then write it large upon the hearts of children.

They will remember!

Have you visions of a finer, happier world? Tell the children.

They will build it for you.

Have you a word of hope for poor, blind, stumbling human kind?

Then give it not to stupid, blundering men, Give it to the children.

In their untroubled minds it will reflect itself a thousand fold.

And some day paint itself upon the mountain tops."



# Frank Learned in Mine Engineering Almost 30 Years

A familiar face and figure on the Frood-Stobie operation for almost 30 years is now becoming equally familiar and welcome to citizens of that idyllic residential retreat designated as Loach Rd., Trout Lake.

Frank Learned, who has been mine engineer at the Frood and Stobie sections of Inco's operations since 1926, is learning how



MR. and MRS. FRANK LEARNED

to take life easy. He retired on service pension June 1, universally liked and respected for his unfailing friendship and quiet wisdom.

Frank first worked for the Company back in 1911 when as a university student he was employed for the summer at the old No. 2 Mine at Copper Cliff in the capacity of night time clerk. The mine captain was John Ovens, father of Rosemary Ovens, asst. cashier at Copper Cliff. Much muck has passed down the chutes since then, and over the years Frank's career has been closely associated with many of the progressive changes that have taken place in Inco mining.

A little Quebec crossroads settlement that bears his family's name, Learned Plains, was Frank's birthplace on May 30, 1890. The community was named after his great-grandfather who, along with other dedicated men, fled the United States as a member of the United Empire Loyalists.

At nearby Cookshire Academy Frank received his early schooling; then he attended McGill University and graduated as a mining engineer in 1915, after taking a couple of years off to gain some practical mining experience and also earn money to complete his education. During those two years he worked on surface and underground at Creighton, checked core at the old Strathcona nickel prospect, and was assigned to the mines engineering office at Copper Cliff.

When he graduated Frank was rehired at Creighton Mine and he remained there until 1921 when, operations having slowed to a saunter, he went north to hook up with the Hollinger. He returned to Inco in 1926 as mine engineer at the Frood, stepping right into the thick of things with No. 3 shaft soon to be sunk and initial development

slated for 2000, 2400, and 2800 levels. He gloried in the hive of activity and was soon regarded as one of the most valuable men on the operation.

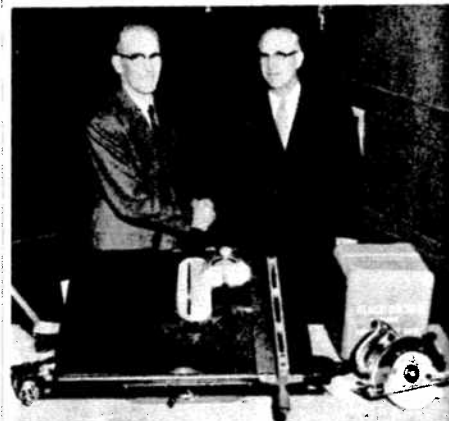
Sixteen years later, from 1942 to 1945, Frank went through a similarly interesting experience when the Stobie No. 7 shaft was sunk and a complete new mine was launched. In 1951 he moved over to Frood-Stobie No. 7 to make available on the spot his broad knowledge and mature guidance in the orderly development of the blasthole mining program there.

Caught in a reminiscent mood, Frank invariably turns to memories of the many outstanding men with whom he has been associated in Inco's mining department. He takes deep pride in these associations.

He was married at Copper Cliff in 1916 to Anna Hamilton, who came from a well-known Cliff family and worked for seven years in the Company's general offices prior to her marriage. They have one daughter, Margaret (Mrs. Carl Nesbitt), of Minnow Lake.

At a retirement banquet given in his honor at the Italian Club in Copper Cliff and attended by a large gathering of his friends and colleagues, Frank was presented with three power tools to add to his woodworking equipment. They have already proven their worth in the extensive program of alterations Frank has undertaken at his Loach Rd. permanent home.

Carpentry, travelling, reading and fishing will be Frank's chief pursuits from now on. That he will continue in fine health to follow them, and that he and his good wife will long experience the joys of retirement, are the wishes of their many friends.



Frank receives his colleagues' gift of power tools ("just exactly what I would have chosen") from George Thorpe.

## Copper

(Continued from Page 8)

into sheet for laundry tubs, flashing on chimneys and doors, and industrial vessels.

Cylindrical sections, or billets, are pierced or extruded through dies to form various types of seamless tubing, domestic water pipe, etc., and also for complex components of electrical hardware. Cathodes are used almost exclusively for alloying purposes.

Horizontally cast wire bars vary in weight from 135 lbs. to 300 lbs., vertically cast wire bars from 155 lbs. to 785 lbs., cakes from 185 lbs. to 1,000 lbs., and billets from 100 to 1,275 lbs. Vertically cast wire bars are generally supplied in 54-inch lengths, and billets are from 12 to 63 inches long.

Like nickel, copper in one form or another is such an integral part of everyday life that its tremendous usefulness is taken for granted. Its versatility is of particular interest to the Incoite because he himself in all probability helped to produce it.

## "The Life You Save May Be Your Own"

All year round, almost everybody looks forward to the holiday season. Many have saved money during the winter, bought a cabin at a lake or a cottage in the country, or have a new car and are just waiting to get out on the open road.

Not only during regular vacation but on public holidays and weekends Incoites join the thousands of other Canadians who are out on the highway. This year, it is suggested, everybody give as much thought to coming back alive as they do to planning where they are going to go.

One of the biggest safety hazards on Canadian and American highways is driver fatigue. Many office and plant workers, anxious not to lose a single hour of their vacations, leave right from work to begin their trips. Tired after a day's work, they want to make it to the lake or cottage that night and so they drive long after they should have stopped for a rest.

Most people, of course, don't realize just what happens when they are tired at the wheel. A Harvard psychologist, Alfred L. Moseley, recently made some experiments to find out. A co-operative colleague stayed up all night, then the next day took the wheel of a roadometer in the laboratory. There, every three minutes, the psychologist measured his reactions. As fatigue increased, he began cluthing the wheel tighter, he was slower on the brakes, all his reactions slowed down. Two things gave him momentary relief, a cigarette provided a momentary pickup and a coffee break brought him back to normal for a while.

This, of course, was an extreme illustration. But every tired driver who does nothing about it is facing the same difficulties to a lesser degree. So to protect these drivers — and others they will meet — against fatigue and the other summer highway hazards, safety authorities have drawn up a set of safety rules for vacation-time drivers:

1. Start your trip when rested, not after a day's work.
2. If possible, on any long journey have another driver along to spell you at the wheel. Change drivers every two hours.
3. Keep the car windows open and breathe deeply.
4. Remember, there is nothing to say you have to drive at the top speed limit. Slow down when traffic is heavy or when visibility is poor and before curves and intersections.
5. On long trips, take a coffee break every two hours. Coffee helps relieve fatigue and will keep you more alert.
6. Keep at least 150 feet behind the car ahead.
7. Always dim your headlights when another car is approaching.
8. Never pass on hills or curves.
9. Take along a thermos of hot coffee, if you must drive late at night when most roadside stands or restaurants are closed.
10. Keep to the right, don't cut in and out.
11. Stay out of arguments with passengers, keep your mind on the road.

### NEVER SATISFIED

A young husband realized that it was time to start saving money. He decided not to use the streetcar anymore. One evening he ran behind the streetcar, came home gasping and said to his wife, "Dear, I saved 10c by running behind the streetcar!"

"You're a fool!" his wife shouted. "You could have saved \$1.25 by running home behind a cab!"

# Bad Telephone Habits Cause Wear and Tear on Nerves

## There's a Right Way And a Wrong Way

How's your telephone manners? At the end of a call do you crash down the receiver with a bang and make everything jump? Do you dial carelessly, adding to the huge toll of "wrong numbers?" Are you a telephone-shouter or, even worse, a murmurer whose soft speech is for his own ears alone?

When you meet a friend face to face you can express your cordiality by a smile, a nod, or a wave of your hand. But over the telephone you must find some other way of transmitting your feeling of friendship. This you can do only by what you say and how you say it. You can sound uncertain, abrupt, vague or irritated. Or you can be confident and courteous, sparkling and friendly, and, above all, understandable.

To illustrate some "don'ts" of telephone etiquette, the Triangle got the co-operation of some of the people in the offices and lab at Copper Cliff.



The cradle-smasher is enacted by Gordon McLean. Mad or not, he should control his temper and not take a chance on splitting his friend's ear drum.



A smoke screen blurs many conversations as Terry Podolsky demonstrates. He tries to talk and clutch his cigaret between his lips at the same time.



Talking into space is the sin illustrated by Jeff Hervey. This offender expects the mouthpiece to draw in his words like a vacuum cleaner.



Jo Travaglini demonstrates another big time-waster—dialing by guess work. Chances are her hunch will be wrong and a stranger will answer.



A soul-shattering sneeze, as snuzz here by Al Hughes, is another of those little personal indulgences most phone conversations can do without.



"Oh yes, I'll be sure to tell him!" but she ignores the handy desk memo pad, trusts her memory, and forgets to relay the message. Model is Lily Kauppi.



"No, is that right! Does his girl friend know about it yet? etc. etc." Ruth Corlett poses as one who holds up lines while she gossips with friends.



"Why not avoid these taboos of telephoning, and make life easier on the nerves for yourself and others," urges Ethel Walmsley, Inco receptionist.

## Views of Nickel Industry in Fine New Airport Building



Large photographic "blow-ups" of familiar sights in the nickel industry have been furnished by Inco to decorate the waiting room of the new Sudbury airport administration building, said to be one of the finest in Canada. Mrs. Clarence Clark, wife of the airport manager, is seen above admiring a picture of Ray Abrams drilling in a square set stope at Frood-Stobie Mine. Other views are of the Copper Cliff reduction plants, the grinding aisle in the Copper Cliff concentrator, and a slag train being dumped at night. A display of some of the forms in which nickel and copper are shipped to market has also been provided by the Company.

## Retirement Comes For Eddie Valade

Shift change time at the fitters' shack in the old Orford Building at Copper Cliff has been minus one of its familiar faces these past few weeks. Eddie Valade, a 1st class maintenance mechanic, on the electric furnace and acid converters, has retired on dis-



MR. AND MRS. EDDIE VALADE

ability pension after more than 31 years of credited service.

Eddie started to work for the Company way back in 1923 in the old converter building and in a short time became a puncher. From 1925 until 1943 he was a crane man in the converter aisle, rolling up a lot of mileage as well as having his share of ups and downs. In 1943, tired of being a travelling man, he transferred to the mechanical department and in slightly over two years became a 1st class maintenance mechanic. His good workmanship won him the high regard of all his colleagues, and he was a very valued member of the fitter team.

St. Raphael, Ontario is a small farming community near Ottawa and that is where Eddie was born back in 1895. At that time there were few frills to life on the farm — no electricity, television, refrigerator, or other present day amenities, but just plain horses, cows, pigs, fields and work. There were 10 children in his family so Eddie wasn't fortunate enough to get any formal schooling. At the age of 12 he struck out on his own, working on the railroad and at various other jobs. From 1912 to 1914 he was employed at Nobel, then came to Sudbury where he eventually signed on with Inco in 1923. This, he avers, was the best move he ever made.

In 1922 Eddie married Mary Robillard, an Azilda girl. They have a family of 12 ranging in age from 30 down to eight years. The three eldest, Melaine, Aldema and Florence are all married and away from Sudbury, while Laurette, who is sixth in order of seniority, married Alfred Zettler who works in the mechanical department at Copper Cliff also. Jeanoel, Theresa and Adrienne are all employed in Sudbury, and while Lucienne, Sylvio, Marguerette, Jeanne d'Arc and Sylvia are still attending school.

Eddie has no immediate plans except to take it easy as his doctor has advised, but there is no doubt that before long he will be tinkering away at something — you just can't keep a good mechanic idle.

### MISTAKEN IDENTITY

Through an unfortunate error Carl Juyn was identified in last month's issue of the Triangle as Tovivo Sandala. Manager of Wavy Industries in Sudbury, he presented the Fielding trophy to the victorious Creighton hockey team after the thrilling playoff series with Lively.

### RIGHT ENOUGH

The teacher was explaining to a class of small boys and girls the meaning of the word "collision."

"A 'collision'," she said, "is when two things come together unexpectedly. Now can anyone give me an example of collision?"

"Twins!" came the answer.

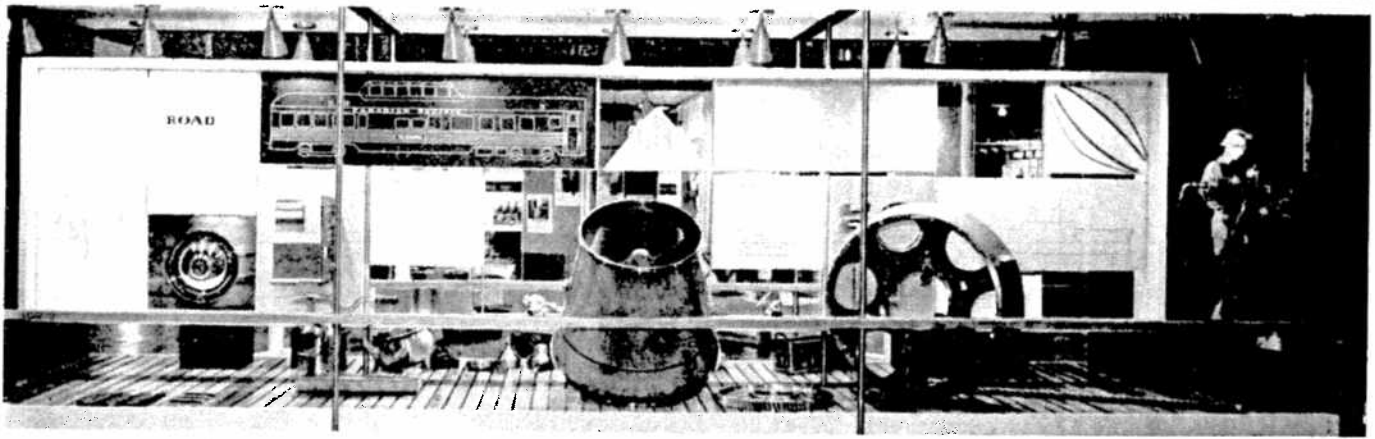
## 50 Years Married



A perennially happy couple, held high in the esteem of a wide circle of friends, Mr. and Mrs. W. J. Dixon of Garson recently celebrated their golden wedding anniversary. An Inco pensioner, Mr. Dixon is 72 years of age and his wife is 73. They were married in Cleveland Road Plymouth Methodist Church at Sunderland, England, on April 27, 1905. Members of their family are William of Frood, Sarah (Mrs. Tom Reid) of Falconbridge, Ernie of Stobie, Lily (Mrs. Albert Lee) of Garson, Mary (Mrs. Milton Mackee) of Hardy Mine.

Everything comes to him who hustles while he waits.





Stainless steel's mighty role in modern transportation by road, rail and air was pointed up in this section of the International Nickel Company's graphic exhibit at the Canadian International Trade Fair at Toronto. More than 300 stainless steel articles were on display.

## Stainless Steel in Spotlight at Inco Trade Fair Exhibit

Hundreds of examples of modern Canadian uses of nickel-bearing stainless steels — ranging from rustproof fishhooks to jet engine parts — showed this year's visitors to the Canadian International Trade Fair the extent to which stainless steel has come of age in the Canadian industrial economy.

Under a canopy mainly supported by gleaming stainless tubing, the display of components and finished products in quality alloys dominated Inco's exhibit in the Automotive Building at the Fair. More than 300 stainless steel articles were on display — all products of Canadian metal working industries — and additional applications were depicted in photographic displays.

Various manufacturing fields and consumer

uses covered by Inco's stainless steel exhibit included:

**CONSUMER USES:** Sinks, fishhooks, dish racks, cream and sugar bowls, gutter pipe section and beaten dishes.

**AIRCRAFT:** Sections of the famous Orenda engine were on display as typifying the wide use of stainless steels in aircraft, where performance demands range from elevated to sub-zero temperatures.

**MARINE:** Aboard ship stainless finds many vital uses including galley equipment and non-magnetic devices for minesweepers.

**CHEMICALS:** Exhibit showed why stainless alloys are selected for equipment used in processing chemicals, foods, medicines, cosmetics, dyes, paints, plastics, and beverages.

**WIRE PRODUCTS:** Baskets, hooks, brushes and wire cloth.

**FASTENERS:** Nuts, bolts, screws and washers in various gauges of stainless.

**DAIRY EQUIPMENT:** Milk cans, milking machines and utensils used in dairies.

**RAIL AND HIGHWAY TRANSPORT:** New vista-dome train was pictured and a cross-section of a transport trailer exhibited.

**KITCHEN USES:** Functional use of stainless in the kitchen covered homes, restaurants and institutions.

**ARCHITECTURE:** Panorama of photographs illustrated how Canadian architects have employed stainless in building fronts and entrances.

Inco sales and technical staff members were on hand to discuss fabrication and supply problems with designers and manufacturers.

Considerable exhibit space was devoted to a welding information centre staffed by Alloy Metal Sales Limited, an Inco distributor. Samples of stainless steel welds were shown and a full range of Inco electrodes and welding rods displayed. A new welding rod for welding dissimilar metals was also introduced.

## Improving the View For Native and Tourist

Another section of the barren, eroded area bordering the western end of the Copper Cliff road has been given a beauty treatment by Inco's agricultural department.

In addition to carrying out its usual heavy spring and summer schedule of landscaping and plantings in Inco towns, the department has graded and seeded another 10 acres of the so-called "badlands" which bring something other than joy to the hearts of the tourist and native alike.

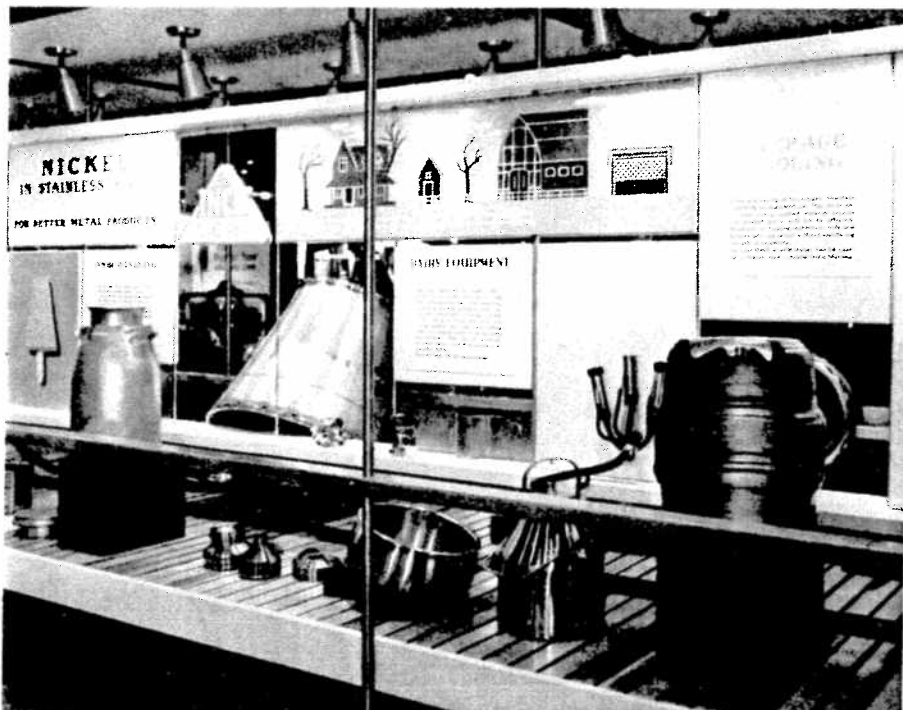
Following previous procedure, the area under treatment was first given plastic surgery with a bulldozer to remove some of the humps and wrinkles so power equipment can be used to maintain it. After the ground was prepared, seeding was done with a special mix prepared by the department and containing brome grass and sweet clover as well as several other grasses. So efficiently planned was the whole operation that the seed was sprouting almost before it touched the earth.

### REQUIESCAT IN PACE

He has no need now,  
of my love and my tears—  
he, whom the spring rains  
and summer showers kiss;  
whom winter snows and autumn leaves  
blanket with beauty;  
on whom the sun smiles warm  
and winds sweet caress;  
whom Mother Earth  
holds closer, safer  
than my arms ever held.  
He is not lonely;  
He has found peace and rest;  
He has gone home to stay—  
And loving him, should I weep?

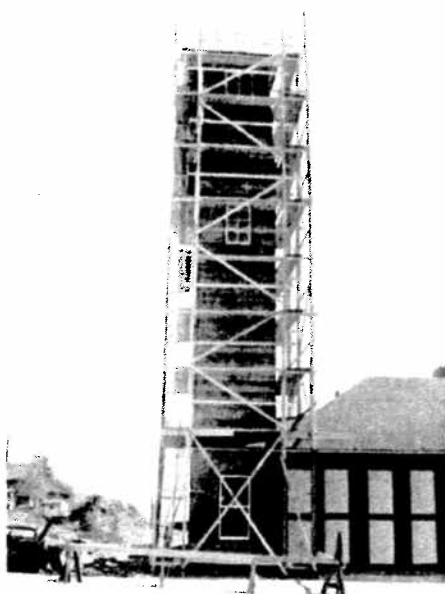
—Mary-Janet Wesson.

Freedom is placed in jeopardy more by those who will not exercise it than by those who will not permit it. Indifference opens more gates to the enemy than does tyranny.  
—Edwin McNeill Porteat, D.D.



Another portion of the Inco exhibit, photographed here, emphasized the part played by nickel-containing stainless steel in food handling, dairy equipment, and beverage handling, where cleanliness is of the utmost importance.

# SNAPSHOTS OF LIFE WITH INCO



Well now, give us a guess, lad — what do you suppose takes place here? A pagoda in Copper Cliff? If that's your impression it's purely accidental, because the snapshot shows the hose tower at the smelter town's Fire Hall undergoing a well-earned face-lifting after 44 years of uncomplaining service.



Nothing we know of is more cooling and refreshing on a hot day than watching a couple of youngsters frolicking in a tub full of water — except, of course, hopping in there yourself. The snapshot was made in Lively, and the cooler-offers are Patricia, 2, and Constance, 4, daughters of Mr. and Mrs. Leonard (Creighton Mine) Mulligan.



"Pop" Acheson, one-time baseball star, long-time converter building notable, and now one of Inco's most enthusiastic pensioners, had a wonderful crop of strawberries at his place on Beverley Drive, Sudbury. Here he and Mrs. A. reap some of the luscious harvest, which was exceptionally good this year throughout the district.



Winners of the 1954-55 10-pin league at the Inco Recreation Club in Port Colborne were these sharp-shooting trundlers from the Nickel Refinery basement: Steve Kovicich, Mickey Pine, Leo Julien (captain), Wilfred Thompson, Andy Vasko; not shown, Robert Thompson.



A flash of the guest of honor's whimsical humor draws head table smiles at the retirement party for Frank Learned, Frood-Stobie mine engineer. From the left, T. M. Gaetz, G. M. Thorpe, A. P. Olive (chairman), F. B. Learned, C. H. Stewart, A. F. Brock.