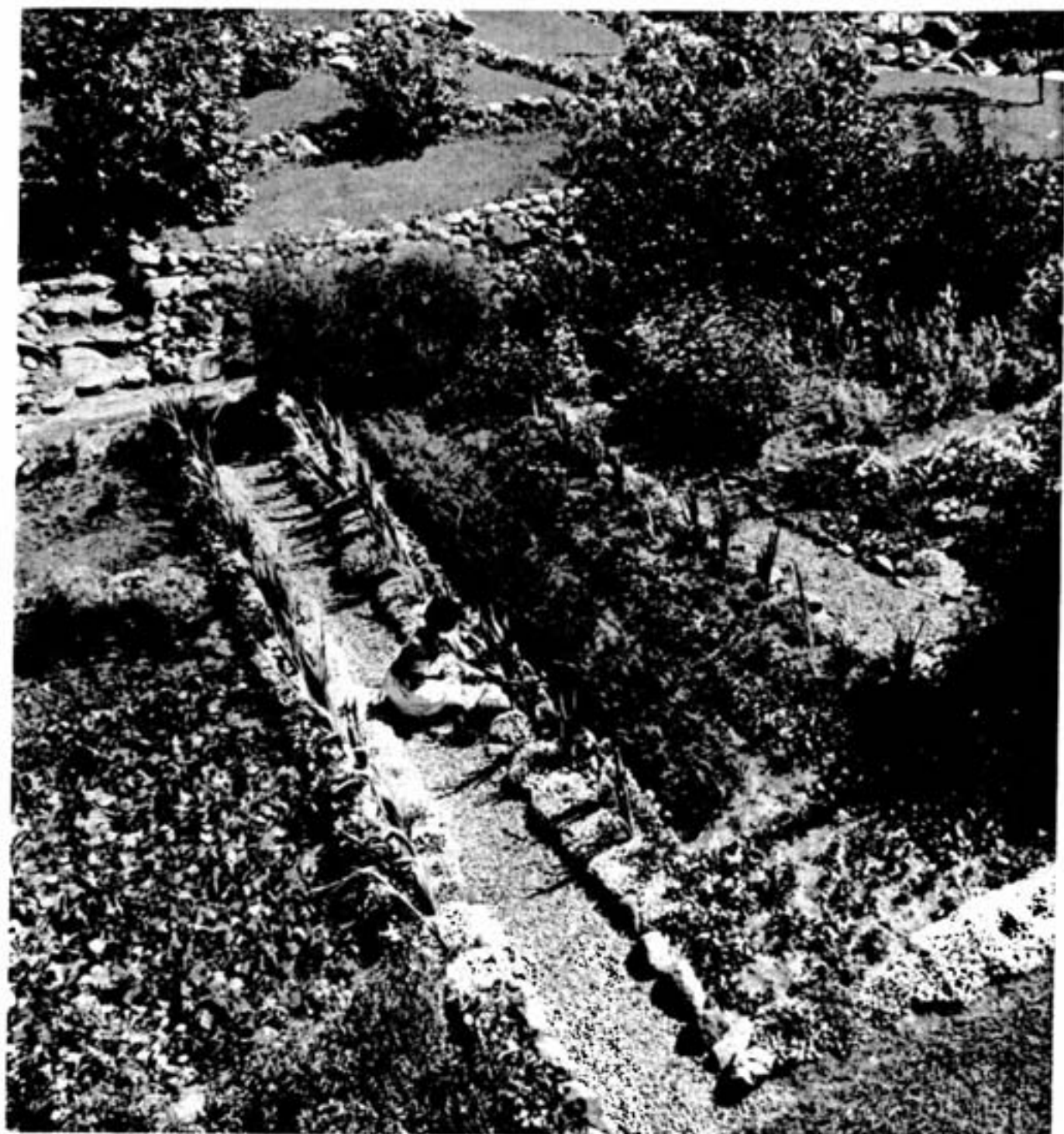


# INCO TRIANGLE

VOLUME 14

COPPER CLIFF, ONTARIO, SEPTEMBER, 1954

NUMBER 6



A Copper Cliff Garden

(SEE STORY ON PAGE 11)



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Don M. Dunbar, Editor  
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## Dr. Thompson Tells Of Nickel's Role in Field of Electronics

In one of his interesting letters to the Company's shareholders, Dr. John F. Thompson, chairman of the board, recently discussed nickel in relation to the electronics industry.

His letter was accompanied by the following introductory note on the science of electronics:

"Electronics has almost unlimited potentialities. Embracing the area between electrical engineering and pure physics, it has made such tremendous advances in the past 15 years that it has justifiably assumed an identity of its own. Originally, it was concerned primarily with devices in which electrons were emitted and controlled, generally in a vacuum, such as the familiar radio tube, and it also included the associated circuit components, resistors, inductors and capacitors. More recently, with the advent of the transistor and other devices, use of the term electronics has broadened considerably.

"Although electronics was basically developed as a means of communication, it is also being employed today to control, measure and compute. Radio and television, for example, are pure communication; radar is communication plus measurement; aircraft and guided missiles involve communication and measurement plus control and computation; automatic machine tools involve control and measurement."

Of nickel's vital role in the development of electronics Dr. Thompson wrote:

"Among the many fields employing nickel one holding great promise for the future is the electronics industry. Each year sees an expanding use of electronic devices throughout industry and in the home — in communications, entertainment, electric lighting, the machine tool and other fields.

"The extreme versatility of nickel and the useful properties of this metal and its alloys, particularly their magnetic, thermal expansion and electrical properties, are invaluable for many applications in the electronics industry. These characteristics assist engineers in harnessing and controlling much of today's complex machinery.

"Nickel-containing stainless steels and other nickel alloys used in electronics are produced in various forms by steel mills, foundries and other Inco customers. Your Company's plants produce many types of wrought nickel, and Monel, Inconel and other high nickel alloys, all of which have electronic applications.

"One of nickel's most important uses in electronics is in the manufacture of the vacuum tube, many parts of which are fabricated from nickel, its alloys or nickel-coated materials. A unique example is the special amplifying tubes for the world's first trans-oceanic telephone cable, soon to connect the United States and Canada with the United Kingdom. The oxide-coated nickel cathodes in these tubes may operate continuously for as long as 40 years on the bottom of the ocean. Substantial amounts of nickel are employed in the manufacture of

## Will Perform for Quarter Century Club



Very clever performers are the Videoettes who, in addition to their Swiss bell-ringing act, produce music from wine glasses, bottles, and saws. They will be one of the numbers on the unusually fine program which has been booked for the annual dinner of the Inco Quarter Century Club at the Sudbury Arena on Thursday, September 23, commencing at 6:30. Among the other features of the show will be Walt & Family, recent Ukrainian immigrants with a top-notch balancing and acrobatic act, and the Nickling Brothers with their knock-about comedy on the trampoline.

the Alnico permanent magnets extensively used in electronics, for example, in sound-reproducing equipment, radar and dynamos.

"A considerable tonnage of magnetically soft nickel-iron alloys is used in the production of cores for special transformers, particularly those for rugged, long-life magnetic amplifiers. These same alloys provide the most efficient magnetic shields employed widely in electronics, including certain of the newer color television receivers. The nickel-iron alloys also make possible vacuum-tight glass-to-metal seals in both electron tubes and incandescent lamp bulbs. Certain alloys containing nickel find use in such diverse products as magnetrons in radar, the 'shadow mask' between the electron guns and the viewing screen in color television picture tubes, and the new electronic computers which do almost everything but think.

"The fact that nickel changes in length when it is magnetized has brought about a growing industrial application of the principles of magnetostriction. This property of nickel is applied in high-frequency industrial cutting tools, burglar alarms, sonic depth-finding equipment and submarine detection apparatus and related devices for locating schools of fish.

"The electronics industry foresees great expansion. Comparatively small quantities of nickel and nickel alloys are used in individual components of electronic devices, but the production of such devices is so large that we supplied this industry with more than seven million pounds of nickel during the past year. We look upon the electronics field as an important growing market for nickel."

Also accompanying Dr. Thompson's letter was a reproduction of a full-color magazine advertisement scheduled to appear in September, which describes the use of Inco nickel in the shadow mask of one type of color television picture tube.

In this particular tube, the advertisement states, there are three electron guns, one for red, one for green, one for blue. These guns "shoot" electrons at the set's viewing screen, on which there are more than half a million tiny phosphor dots in clusters of three, a red-glowing, a green-glowing, and a blue-glowing phosphor in each cluster.

"It wouldn't do to 'shoot' red color signals onto green or blue phosphors", the advertisement points out. So between the electron guns and screen there is a cupro-nickel shadow mask. It's only four thousandths of an inch thick, yet it has more than 200,000 microscopic holes, so placed that red beams strike only red phosphor dots, green beams only green dots, blue beams only blue dots. If this cupro-nickel mask didn't tell the colors just where to go, off-register and distortion in the picture would result.

The cupro-nickel alloy was chosen for this important job because it has uniform structure, is non-magnetic, won't vaporize or oxidize under the heat used in processing and sealing tubes, and has the strength necessary to withstand tight stretching at almost hair-thinness.

## Medical Centre Phone Numbers

Telephone numbers of the Inco Medical Centre in Sudbury are as follows:

UNTIL 6:00 P.M.

OS 3-7164

AFTER 6:00 P.M. UNTIL 8:00 A.M.  
AND ON SUNDAYS AND HOLIDAYS

OS 3-7166

# INCO FAMILY ALBUM

Even though the holiday season is ended and school has started again, everybody seems happy in this month's roundup of pleasant people for the Album: (1) Mr. and Mrs. Maurice Beauchamp (Creighton Mill) with Monica, 3, Susan, 6, Raymond, 5, and Lois, 2. (2) Mr. and Mrs. Bruno Tonelli (Port Colborne) with Elda, 11, and David, 7. (3) Mr. and Mrs. Eric Gould (Coniston) with Michele, 9, and Annette, 12. (4) Mr. and Mrs. Don Lavoie (Murray Mine) with Richard, 10, Marcel, 4, Pauline, 7, and Roger, 6. (5) Mr. and Mrs. Fred Ibbitson (Levack Mine) with Carmita, 4, and Sheila, 6. (6) Mr. and Mrs. Jack Coryk (Frood-Stobie Mine) with Bill, 15, and Helen. (7) Mr. and Mrs. Alfred Ouellette (Copper Cliff) with Gerald, 9, Carmel, 8, Claude, 7, Donald, 19, Alfred Jr., 13, and Rose Alma, 17.





## Another Safe Day Is Charted

By its very lack of flourish or flamboyance the activity in the supervision room of an Inco mine at the start of the day shift takes on an atmosphere of drama.

Early one morning the Triangle looks in on the scene in the shift bosses' office at Creighton Mine's No. 3 Shaft. Here the day's workmanship of 650 men, and the production of over 4,000 tons of ore, is being planned.

The conversations are low-toned and evenly paced as the shift's program is prepared. Decisions are unhurried, carefully reached. Governing every decision, whether it concerns the assigning of one man to one particular job or the schedule for a complete section of the mine, is the safety of the miners. About the men who are here, as they carry their responsibilities, is an air of quiet confidence.

At his desk sits the underground superintendent, Jack Pigott, and opposite him sits the general foreman, Arnold Bennett. The mine superintendent, Earl Mumford, comes in to say that the mill will be ready to take ore at 10:00 o'clock.

From the graveyard shift reports he has already studied, Jack knows what ore is available and where it is in the storage bins and ore passes. He instructs Stan Alary, a divisional foreman, to start hoisting in No. 7 Shaft at 10:00 o'clock.

Jack and Arnold decide to operate No. 2 crusher on the day shift to replenish No. 7 Shaft bin as the ore is hoisted. They tell Stan Alary and Bill Mitchell, one of the shift bosses, to assign crews to No. 2 and No. 1 conveyor belts.

Now Freddy Peacock, another divisional foreman, is figuring which of the mine's 25 slushers to operate to keep No. 2 crusher supplied with ore. He confers with Jack and Arnold, then tells Ken Adams and George Tuomi, shift bosses, what slushers to man. Then he goes into a huddle with Bert McCormick, the mine engineer, and they decide which specific boxholes should be pulled in the slusher drifts to be operated that day, so that the proper drawing sequence can be set up in the caving block. This is very important because draw control avoids dilution of the broken ore by the caved rock lying above it.

In the meantime Jack and Arnold are conferring with Jack Treasure, the surface foreman, on the movement to the shaft collar of supplies for the day's underground operations. They'll need explosives, timber, drill steel, wire rope for the slushers, and many other things. Similar conferences will take place with Jim Devonshire, the electrical foreman, and Fred Pentney, the master mechanic. Details arranged now will save many man hours later in the day.

In all the assigning of personnel and the scheduling of activity throughout this quietly impressive drama of modern industry, safety is the keynote. "If it can't be done safely, don't do it," is the theme, repeated over and over.

Through the windows of the supervision room the miners can be seen moving along the clock alleys, punching in. Their day has been wisely planned for them.

### GUILT COMPLEX

A young mother was bathing her baby and a neighbor's little girl watched the proceedings. The child was holding a doll minus an arm and a leg.

"How long have you had your baby?" asked the little visitor.

"Three months," replied the mother.

And the little girl said:

"My but you've kept her nice."



Seated at centre is the underground superintendent, Jack Pigott, and in the semi-circle around him, from the left, are Jack Treasure, surface foreman; Supt. Earl Mumford; Bill Mitchell, shift boss; Stan Alary, divisional foreman; Arnold Bennett, general foreman.



Freddy Peacock, divisional foreman, (standing, centre) confers with some of the shift bosses, Ken Adams, George Tuomi, Omer Laplante and Gordon Treasure.



Three divisional foremen compare notes: Alf Emblin, Emil Pera, and Milton Jowsey.

# Sudbury White Eagles North's Soccer Champs



After a wobbly start which kept them in or near the basement in league standing during the first part of the season, Sudbury White Eagles eventually got into high gear and roared through to the Northern Ontario soccer championship.

Sault Ste. Marie, led by their man Watcher, who scored all his team's five goals, beat North Bay 5-0 in the playoffs but in the final game were no match for White Eagles, who routed them 5-1. Bob Elliott, Johnny Mallick, Goalie Joe Smuczek, and Bob Weston were among the White Eagle stars.

Shown above are Northern Ontario champs, who hold the Star Cup for the next year: front row, Bob Weston, outside right; Ted Taduslak, left back; Bob Elliott, inside right; Joe Smuczek, goal; Bill Szakale, outside left; Ted Swiatek, outside left; E. Ulmer, right back; Alec Psiuk, right half; Ted Tota, left half; back row, Carl Fugell, trainer; Tony Miszczak, president; M. Styczynski, alternate; Pete Kolundzie, right back; George Zedek, centre half; John Mallick, centre forward; Olaf Angelus, inside left; John Koa, manager; Teddy Puacz, president Polish Club; Danny Parker, coach.

## Ron Girouard Top Gardener

For the second successive year Ronald Girouard swept the lion's share of awards at the annual show of Sudbury Horticultural Society. He scored 37 firsts and received seven trophies, as against his last year's mark of 21 firsts and five trophies.

Romeo Leroux, district representative of the Department of Agriculture, who judged the magnificent display, admitted amazement at the success of 18-year-old Ronald.

The young champion, whose ambition is to make horticulture and agriculture a career, is the son of Mr. and Mrs. M. Girouard of Riverside Drive, Sudbury. His father is a long-time Inco worker, employed at Frood-Stobie No. 3 Shaft.

Besides the Agnew Cup, regarded as the top award at the show, Ronald won the Welland S. Gemmell award for the best collection of cut flowers, the F. Roach trophy as winner of the gladioli section, the J. Leo Gauthier trophy for the best collection of sweet peas, the Morrison Cup for the best vegetables in the show, the Rowan Cup for the finest collection of vegetables with more than eight distinct varieties, and the T. Eaton Co. silver bowl for the most points in the cut flower classes.

Another prominent Sudbury horticulturist, Mrs. Roy Day, was again in the limelight as she captured the Earl Hodge trophy for the outstanding home garden lot in the Sudbury District. Her husband is also a well-known Frood-Stobie man.

Bill Kuhl of Copper Cliff won the J. A. Laberge silver cup for the best flower garden and lawn, 50 feet and over, and Denis Yawney of Lively was another Incoite among the winners, receiving the Evans trophy for the



RONALD GIROUARD

most points in the "F" gladioli class.

In addition to his garden at his Riverside Drive home, Ronald has a large vegetable and flower garden at the family's summer home on Vermilion Lake.

## Gerry's Tennis Win A Popular Victory

Often a bridesmaid but never a bride, Gerry Myers finally came through to win the men's singles championship at Memorial Park Tennis Club in Sudbury.

Copper Cliff Accounting Department's racquet star had often annexed badminton titles, but this was his fourth try for the Memorial Park tennis crown.

Meeting Steven Karis, the Northern Ontario champ, in the final match, Gerry soon found the going to his liking and pressed through to take the first set 6-1. Karis finally ran out the second set at 6-4 after a series of deuce games, but the handwriting was on the wall. Calmly and coolly Gerry took the third and deciding set at 6-3.

The win was a popular one. Gerry has been a tower of strength in Nickel Belt racquet organizations and not even his opponent begrudged him this well-deserved championship.

## Which is the Safer, Male or Female?

Recent research carried on by the Ontario College of Education dealt with whether male or female drivers were the better. The research findings declared the male the winner, with the reservation that neither the one sex nor the other was much good at safe driving. Lack of signals (or the wrong ones) and failure to come to a full stop at "stop" streets were underlined as bad habits.

Evidently of another opinion is the All Canada Insurance Federation, a large group of casualty insurance companies... especially when the "under 25" age group is in question. While vehicles driven by males in this group require added premiums for insurance coverage, no such premium is required just because the vehicle is driven by a female under 25 years of age, so long as she has had a year's driving.

### SOONER OR LATER

She asked him to go shopping with her, and he agreed. So she took him to the milliners; she took him to the furriers; she took him to the jewelers; and, eventually, she took him to the cleaners.

# 138 New Members for Quarter Century Club

Largest group yet to be enrolled in the Quarter Century Club, 138 Inco men from the Mining and Smelting Division will receive their membership buttons from President Henry S. Wingate at the annual dinner on Thursday evening, September 23.

Sudbury Arena will be the scene of the big get-together, to which more than 800 25-year men and pensioners are expected. A turkey dinner served by the ladies of St. Andrew's United Church Auxiliary will be followed by presentation of Quarter Century Club buttons to the new members. President Wingate will be assisted in this pleasant task by Ralph D. Parker, asst. vice-president and general manager. R. H. Waddington, asst. to the vice-president, will be chairman.

The Moment of Remembrance will be observed. A toast will be proposed to the Company's pensioners. The program will then be turned over to a troupe of radio and TV stars from Toronto, who will present a variety concert.

On this and the next three pages are photographs of the 138 men who will be welcomed into the Quarter Century Club. There were to have been 140 but two, Stefan Luciw and Elmer Perttula, have died this year.



Guy Armstrong  
Creighton



Ralph Armstrong  
Garson



Mills Austin  
Copper Cliff



Grant Baker  
Garson



Arthur Baldell  
Copper Cliff



Thos. Ballantyne  
Garson



Pete Barnik  
Frood-Stobie



Peter Beaune  
Frood-Stobie



George Belci  
Copper Cliff



Frederic Benard  
Copper Cliff



W. Bleganowski  
Creighton



John Bilowus  
Coniston



Frank Bober  
Creighton



Joseph Brannigan  
Copper Cliff



Joe Bratanik  
Frood-Stobie



John J. Brown  
Frood-Stobie



Robert Brydges  
Frood-Stobie



Charles Bush  
Frood-Stobie



Carl Carlson  
Copper Cliff



Hector Carriere  
Frood-Stobie



Flori Cavarson  
Coniston



Valentino Cebulj  
Creighton



G. F. Chapman  
Frood-Stobie



John Compeau  
Levack



Reuben Cook  
Frood-Stobie



Adrian Daoust  
Copper Cliff



G. De Marchi  
Coniston



Tom Doherty  
Copper Cliff



Joe Duble  
Frood-Stobie



E. H. Evans  
Frood-Stobie





Dr. C. R. Ferguson  
Copper Cliff



J. C. Ferguson  
Copper Cliff



Ernest Forester  
Frood-Stobie



Gino Furlani  
Copper Cliff



Wilfred Gascon  
Copper Cliff



D. Gauvreau  
Copper Cliff



John M. Gifford  
Copper Cliff



Delphis Groux  
Frood-Stobie



Alne Gosselin  
Coniston



Jos. Gosselin  
Coniston



Wilfred Gouin  
Open Pit



James Graham  
Copper Cliff



A. L. Grenon  
Frood-Stobie



G. K. Hammond  
Frood-Stobie



Wm. A. Harmen  
Murray



J. Henderson  
Copper Cliff



Gordon Henry  
Copper Cliff



Olavi Hirvela  
Frood-Stobie



Harold Hobden  
Copper Cliff



Herman Hodgins  
Creighton



L. R. Hodgins  
Open Pit



Dalton Jessup  
Copper Cliff



Joachim Jozsa  
Copper Cliff



M. Kavanagh  
Copper Cliff



Franc Kolene  
Levack



S. Kortelnuoma  
Frood-Stobie



Jaakko Koski  
Copper Cliff



Matti Kotanen  
Creighton



Joe Korak  
Creighton



A. Laforest  
Frood-Stobie



Edward Lalonde  
Copper Cliff



Phil Lalonde  
Frood-Stobie



Emil Lapointe  
Murray



Frank Landry  
Frood-Stobie



Arthur Legault  
Murray



Wm. Lepisto  
Creighton



G. Limarilli  
Coniston



Tolvo Lindberg  
Frood-Stoble



Waino Linholm  
Creighton



J. Livingstone  
Copper Cliff



Arthur F. Long  
Copper Cliff



G. Lugli  
Copper Cliff



J. A. MacDonald  
Copper Cliff



John MacIver  
Garson



Eino Maenpaa  
Creighton



Nik Maki  
Creighton



Marshall Mapes  
Copper Cliff



William Mapes  
Open Pit



Archie Massey  
Creighton



A. McCandless  
Copper Cliff



J. L. McClellan  
Copper Cliff



D. McNaughton  
Copper Cliff



Angus McNeill  
Copper Cliff



F. G. Moir  
High Falls



Victor Morbin  
Copper Cliff



George Morin  
Garson



Jesse Morrison  
Copper Cliff



John Moskalyk  
Copper Cliff



R. C. Muirhead  
Coniston



H. Mulligan  
Frood-Stoble



A. E. O'Brien  
Copper Cliff



Dinnes O'Brien  
Frood-Stoble



Herman J. Muts  
Copper Cliff



C. J. Olivier  
Coniston



A. Organ  
Copper Cliff



A. Orrenmaa  
Frood-Stoble



M. Paolin  
Copper Cliff



A. Paquette  
Frood-Stoble



T. H. Peacock  
Frood-Stoble



H. W. Pering  
Murray



A. Pevato  
Copper Cliff



A. Pharand  
Frood-Stoble





Andy Ranich  
Copper Cliff



Emile Rieher  
Frood-Stobie



Albert Riley  
Frood-Stobie



John Rodda  
Levack



J. L. Rogerson  
Coniston



Henry Ross  
Open Pit



A. Sabourin  
Murray



E. Sabourin  
Frood-Stobie



C. T. Sandberg  
Frood-Stobie



Jank Semenluk  
Copper Cliff



John Shelegey  
Coniston



Viktor Shubat  
Creighton



Steve Smith  
Frood-Stobie



Tony Smrke  
Frood-Stobie



Nick Sobin  
Coniston



Gordon Soule  
Frood-Stobie



James Stanley  
Creighton



Johan Starlha  
Frood-Stobie



Wm. Stevens  
Frood-Stobie



C. H. Stewart  
Frood-Stobie



E. H. St. Louis  
Frood-Stobie



Edmond Teskey  
Frood-Stobie



Gray S. Thomson  
Copper Cliff



Jos. Tierney  
Copper Cliff



Foster Todd  
Copper Cliff



John Tokaryk  
Creighton



F. Tomassini  
Copper Cliff



F. V. Vaillancourt  
Copper Cliff



A. Visentin  
Copper Cliff



L. J. White  
Levack



D. Earl Wilson  
Copper Cliff



Leslie Wingrave  
Copper Cliff



Walter Wiseman  
High Falls



Ivan Yurea  
Frood-Stobie



Antonio Zilio  
Copper Cliff



G. E. Zink  
Copper Cliff

## Attractive Settings for a Pair of Inco Homes



John and Joy Walker relax in the back yard at their home at 203 Third Avenue, Lively. They have put a lot of work into their landscaping effort, but have already been more than repaid with the pleasure they have obtained from their "outdoor living room".



"Neat as a pin" are the home grounds of Mr. and Mrs. Fred Stedman, Copper Cliff. They have produced a cool and inviting setting for their cottage on Cliff Street.



#### THE PICTURES

An artistically planned rock garden is part of the planting at the home of Mr. and Mrs. Norm Silverson, Alexander Street, Creighton; a section of it is seen in the top photograph. The next picture shows part of the inviting arrangement at 63 Weyell Street, Creighton, the home of Mr. and Mrs. Charlie Platt. Then comes a snap of flower beds that are bright patches of color at the home of Mr. and Mrs. Frank Crome, Levack, and finally there's a picture of Ann Yewch, daughter of Mr. and Mrs. Peter Yewch, taking her ease on the front lawn of their home at Coniston.

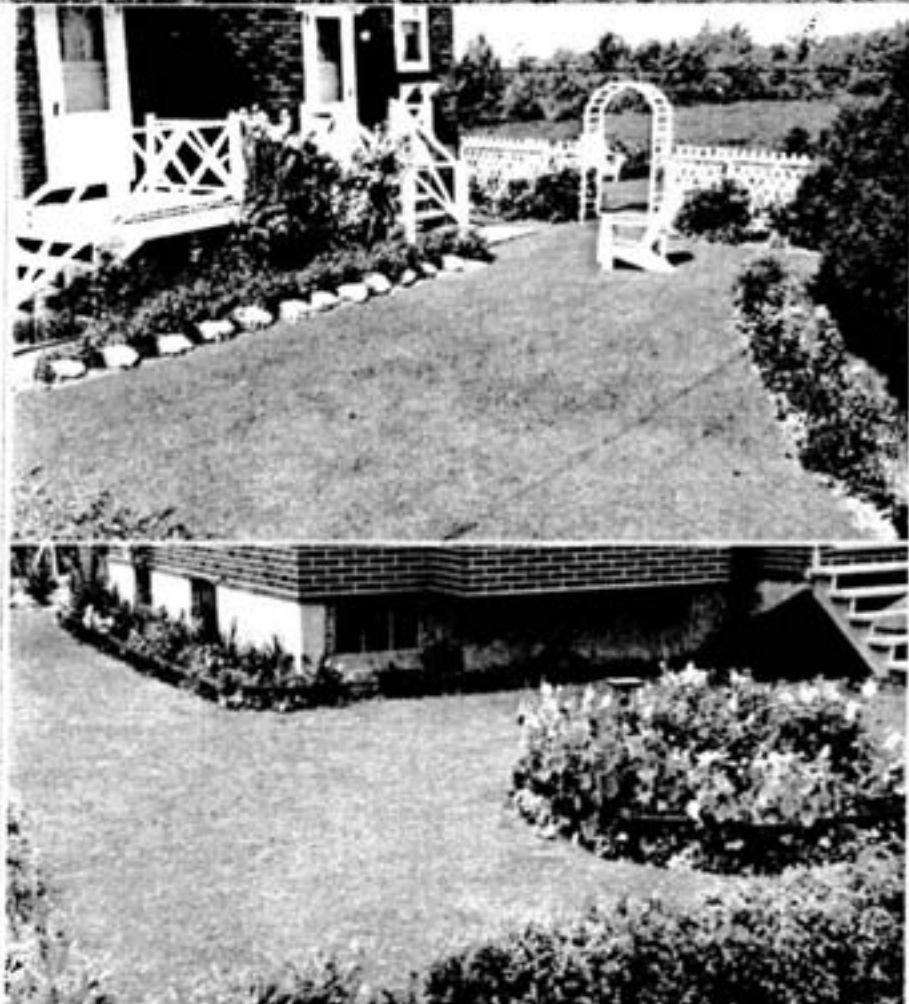
## Random Shots At Inco Homes

Although the limitations of black and white reproduction as usual do less than justice to the colorful loveliness of the scenes, the Triangle takes its readers to the home grounds of a few of the Inco people who again this year have done their bit by beautifying their surroundings.

On the front cover is the garden at the home of Mr. and Mrs. H. Stavang of Evans Road, Copper Cliff, and on this and the opposite page are other glimpses of the good things Inco people have wrought about them. They have not been selected as potential winners in the Company's annual horticultural contest, the results of which will be announced in our next issue, but are merely random impressions picked up by our camera.

Whether it be a very modest showing or one almost professional in its arrangement, the efforts of Inco people to surround their homes with the beauty of trees, shrubs, and flowers have given joy to themselves as well as to many others, and rank high in the ratings of citizenship.

Mrs. Bill Gunn of Levack, one of the district's hundreds of enthusiastic gardeners.







## Bocce Bonspiel A Great Success

First to be held in the Nickel Belt was the bocce tournament staged at the Italian Club in Copper Cliff with 24 two-man teams participating.

Shown above are the winners: front, Gino Tomassoni and Guido Franchini, winners of the first event and the Seagram's trophy; back, Gino Canapini and Luigi Mearini, who took the O'Keefe's trophy for the second event, and Alberico Falconi and Gus Paolucci, who won the third event and the Robert Brown trophy.

Although, comparatively new in this country, bocce is a favorite game of Italian people throughout the world and particularly in Argentina, Switzerland and England, besides, of course, Italy. It is similar to lawn-bowling.

The Italian Club tourney was run like a knock-out bonspiel and attracted a large attendance of spectators. It was followed by a banquet at which delicious barbecued pork was the specialty.

## Inco Scholarship Awards Announced

Research in the separate fields of physical metallurgy, mechanical engineering and geology is supported in three International Nickel Company of Canada, Limited fellowships announced by the National Council of Canadian Universities Scholarship Committee.

The fellowships, which carry first year support of \$2,000 each and could be continued for three years, were awarded to three Canadian University graduates and under graduates who have already distinguished themselves in the fields they are to further explore. They go to: T. J. Kagetsu, University of Toronto; R. C. Speers, B.Sc., Queen's University, and A. Rosenberg, M.Sc., University of Toronto.

Mr. Kagetsu, who has been an outstanding student at the Engineering Faculty of the University of Toronto, will study rates of dissolution of copper and copper-zinc alloys under Prof. W. F. Graydon. Mr. Rosenberg will continue research on the factors controlling the growth of crystals under isothermal and non-steady state conditions in pure metals and alloys. His research will go forward under the joint direction of Dr. L. M. Pidgeon and Dr. W. C. Winegard. Mr. Speers will study the origin and age relationships of the Sudbury breccias under the direction of Dr. J. E. Hawley.

The scholarship committee at the same time renewed the Inco scholarships of K. Ekler, McGill University; P. Fortin, Laval University; D. H. Polonis, University of British Columbia, and R. Kilburne, University of Manitoba. The first two were renewed for a third year and last two for a second year.

### BIG CHANGE

The soldier was reading a letter from his wife and didn't seem too pleased about it.

"What's the matter?" asked his chum. "Is there trouble at home?"

"Well, not exactly," replied the soldier, "but we've got a freak in the family. It says here, 'You won't know Willie when you come back; he's grown another foot.'"

There is an old Japanese proverb that says, he who rows his brother across the stream will himself arrive.

## Two Hot Teams at Port Colborne



The top two teams in the Port Colborne softball league are pictured here, resplendent in their diamond finery: Simpson's Bulldogs: back row, R. Gasperri, B. Grimaldi, P. Radzikowski, Bob Duke (umpire), R. Breton, Bob Fleming and Joe Freidlein; front row, Mike Harrietta, Sam Buffa, Andy Vasko, Steve Seba (Captain), and son Steve Jr. (Assistant Captain), George Sathmary, Joe Apolcer and Bob Thomson.



Shears: back row, Charlie Grassie, C. Cross, Pat Gilday, H. McDonald; front row, Stan Pettit, Lloyd Goss (Captain), Nick Crnkovich, Henry Breton, Bill Turchan.



Weight-lifting built this powerful physique for Lucien Chevrier, Frood-Stobie miner. He competes next month for the title of Mr. Canada of 1954. At the right he demonstrates the "clean and jerk" method of weight lifting.

## He Has Muscles On His Muscles

Judging by these photographs, Lucien Chevrier of Frood-Stobie No. 3 Shaft is a combination of Adonis, Atlas, and Johnny Weissmuller.

But personally he's much more interested in becoming Mr. Canada of 1954, and in October will go to Montreal to compete with other heavily muscled gents for that coveted distinction.



A close-up of Lucien Chevrier showing his handsome profile and tremendous muscular development.

A raise driller on 800 level at Frood-Stobie, Lucien has been an Inco employee for more than four years. He is not married.

Ten years ago in Montreal, as a young man of 17, he became interested in weight-lifting,

the hobby of his father and five of his brothers. He took naturally to the sport and was soon top man in the family.

In 1949 he won the Ontario weight-lifting championship. The heaviest weight he hoisted in that competition was 280 pounds, "clean and jerk", an impressive showing considering that he tipped the scales at only 146 pounds at the time.

Since then Lucien has grown more muscles on his muscles. He keeps himself at the peak of condition; on top of his day's work as a raise driller he works out four times a week at the YMCA in Sudbury.

His workmates will be pulling for him to annex that Mr. Canada title when it comes his turn to bulge for the judges in Montreal next month.

## Merle Noyes Is Again Champ

Firing a blistering five-under-par 65, a new course record, Merle Noyes successfully defended his golf championship against Bill Spence in the final at Port Colborne Country Club. The two Inco stars staged the hottest match ever played for a championship over the Port links.

The match ended on the 34th hole with Noyes ahead 3 and 2. He was four under par, and Spence was even par, when the battle ended.

Both Merle and Bill are well-known to Inco golfers of the Sudbury District as members of powerful Port Colborne teams which have played at Idylwyld in the R. L. Beattie Trophy contest.

Noyes, the veteran linksman, shot his record-breaking 65 during the morning 18 holes of play and went to lunch six up. But if rugged Bill Spence was disheartened he certainly failed to show it. Opening the afternoon round he proceeded to fight back with sub-par golf and had cut Merle's tremendous lead in half before he was finally

forced to yield to his opponent's dazzling golf.

The pressure was terrific as they warmed to their work in the first nine holes of the matinee session. On the 300-yard sixth, a dogleg to the left, Noyes played a hook and drove onto the green while Spence was two feet short of the green with his straightaway tee shot. They halved that one in birdies,



MERLE NOYES

halved the par-5 seventh in birdies, and played the eighth and ninth in pars. The boys were really sizzling. Spence won the tenth with a par and then they halved the next six holes and the match was over.

On the fourth and twelfth holes of the final round Spence's putts missed by a gnat's whisker. Each time he was going for a birdie which would have won the hole.

One of the largest galleries ever to follow a final match witnessed the torrid exhibition between two superb shotmakers.

It was the fifth time Merle won the Port Colborne Country Club title, another record. In last year's final he beat Spence one up in 36 holes.

## Picturesque Levack Continues Its Steady Growth



The town of Levack, in its picturesque setting on the North Range of the Sudbury Basin, keeps up its steady growth as Inco's employee housing program continues to unfold. This group of new homes in various stages of construction is on Mountain Street and Valley Road.



Inco's Agricultural Department has just finished building the lawns at these attractive new homes for employees on Larch Street in Levack. Construction of the town's new skating rink, announced last month by General Manager Ralph D. Parker, is well underway; it will cost \$160,000.

## John Farnel Is Now Pensioner

Of the 29 years and nine months credited service rolled up at Coniston by John Farnel, almost 23 years was spent as a crane man. Stepping into retirement this month, he believes he is the first crane man from the Coniston plant to be pensioned.

Until he was 21 John Farnel worked on the farm near Renfrew where he was born on September 17, 1889. His first contact with the nickel industry came in 1913 when he took a job with Mond Nickel Company at Victoria Mine; two months later he was transferred to Mond's new smelter at Coniston and there he worked on the converters for seven years.

Whatever possessed him to break his service in 1920 he can't imagine now, but break it he did, going to Pembroke to work at various jobs in that district for a couple of years. Then he returned to the Coniston plant, and has been a steady and popular



MR. AND MRS. JOHN FARNEL

employee there ever since.

His first wife, nee Jessie White, died in 1940. He was married again three years ago to Mrs. Harriet Severin (nee Blackwell) who had been a resident of Copper Cliff for 40 years and has many interesting stories to tell of life in the Nickel Belt in the earlier days.

Of John's three sons, Norwood is employed at Coniston, Alvie at Copper Cliff, and Denison at Falconbridge. His daughter Goldie lives in Sudbury, her husband, Ed. Stephen, being employed at Copper Cliff.

Mr. and Mrs. Farnel will make their home in Sudbury, where it is hoped they will enjoy all the comforts and pleasures of a well-earned retirement.

### MAKING HERSELF CLEAR

The dean of girls at a certain co-educational college was making an announcement before the student body.

"The president of the college and I," she said sternly, "have decided to stop necking on the campus."

Greeted with laughter she attempted to explain. "What I mean is, all kissing that has been going on under my nose must stop!"



## Flying Club Nucleus Trains at Sudbury Airport



John McPhail of the Inco security force at Frood, had the mysteries of an aircraft instrument panel explained to him by his son John Jr., 17, who was one of three cadets from Sudbury's No. 200 Sqn, learning to fly on an R.C.A.F. scholarship. There was a total of 10 cadets taking the course at Sudbury Airport. Besides the actual flying time (they must each log a total of 30 hours), they are required to pass Dept. of Transport examinations in airmanship, air regulations, and navigation and meteorology.



Verner Kroetsch, a metallurgical sampler at Copper Cliff, logs a flight in the cockpit of his Fleet Canuck trainer. About nine private students are learning to fly in aircraft provided by the Brant-Norfolk Aero Club. These and others who will learn to fly during the next month or so, are expected to become the nucleus of the Sudbury Flying Club which is now being organized. Anyone who is interested in taking up flying should get in touch with Lionel Roy at the Copper Refinery.

## THE WEATHER MAN IS RIGHT IN 88 PER CENT OF HIS FORECASTS



What does the weather man look like? Well, there he is, busy with his records in the meteorological office in the Austin Airways building on McNaughton Terrace. His name is Norman Dobie and it was he who opened the little bureau seven years ago. At the teletype machine behind him is one of his assistants, Dave Murdoch. All weather bureau clocks are set at Greenwich Mean Time to standardize inter-office reports, which means they're four hours ahead of Daylight Saving Time.

"Is it too cold for the children to go to church?"

"I'm planning to take my vacation in the last two weeks of October. What is the weather going to be like?"

"Do you think it's too cold to put the baby out this morning?"

"Hey, where is all that rain you guys said was going to fall today?"

Those are samples of the questions people pop over the telephone at the weather man. In his office in the Austin Airways building he receives an average of about 80 telephone calls a day. If the weather happens to be unusually hot or cold the telephone rings almost constantly — one day when the temperature dropped to 47 degrees below zero he counted 700 calls before he stopped keeping track of them.

Every hour, and more frequently if there happens to be some unusual disturbance, the Sudbury meteorological office sends a report of weather conditions over the teletype to the district forecaster at Malton Airport, near Toronto. The reports give the temperature, wind direction and velocity, dewpoint, altimeter setting, and the type and amount of clouds, plus a description of any special phenomenon. In return, every six hours the office receives a general forecast of the weather and also a special bulletin for the airways people which includes the latest information about the winds in the upper atmosphere to a height of 20,000 feet.

The weather can be as fickle and capricious as the most temperamental lady, but it's a matter of record that 88 per cent of weather forecasts turn out to be correct. Norman Dobie, who opened the Sudbury meteorological office seven years ago this month, shares his department's pride in this remarkable performance. Despite what a large section of the public seems to think, it's not done with mirrors or magic, but has a sound scientific basis coupled with the accuracy, patience, and faithful attention to duty of the men who, hour by hour, record their observations of the behavior of the elements.

# SNAPSHOTS

## OF LIFE WITH INCO



On his 76th birthday "Good old Bill" Jessup, equipment custodian and grounds-keeper for Copper Cliff Redmen, was presented by Alton Browne, team manager, with the following gift from the boys on the ball club: return trip to Toronto by T.C.A., two days' hotel reservations and meals, two tickets to a Toronto Maple Leafs baseball playoff. Bill retired 11 years ago from his job at Copper Cliff Smelter, after almost 27 years' service. He has one son and four sons-in-law employed at Inco. Mayor Dan Jessup of Sudbury is his brother. A great one for keeping busy, Bill is assistant steward at Copper Cliff curling rink during the winter months.



A beautiful blonde with an 18-carat voice, Doris Swan will be a featured attraction on the program at the annual dinner of Inco's Quarter Century Club, to be held Thursday, September 23, at 6.30 in the Sudbury Arena. Miss Swan is a well-known Toronto TV star.



On their annual tour of key industrial developments in Canada, members of Britain's Imperial Defence College visited Inco on August 6. There were 18 high-ranking Commonwealth defence experts in this year's party. Seen at the Copper Refinery, left to right, above, are Austin Smith, asst. manager of the refinery; Air Chief Marshal Sir Arthur Sanders, chief of the Imperial Defence College; Captain M. S. Henderson; A. Godfrey, asst. to the vice-president of Inco; Major General Bahadur Singh; Air Commodore I. D. McLachlan.



These are the golden days. Billy Langin and Hilly Gilchrist play with their toys in a sandpile near their homes at Levack.



All members of the 15-man contingent from Copper Cliff Highland Cadet Corps attending the annual seven-week camp at Ipperwash were chosen for special leadership assignments. Among them were the five shown above, Cpl. Sam Sawyer, C.S.M. Frank Taylor, R.S.M. George Lamacraft, C.S.M. Tom Leishman, and Sgt. Keith Burmaster. Runner-up for the best-cadet award for the entire camp of 1,400, R.S.M. Lamacraft was chosen as Lieutenant-Colonel of the complete cadet battalion for the duration of the camp.