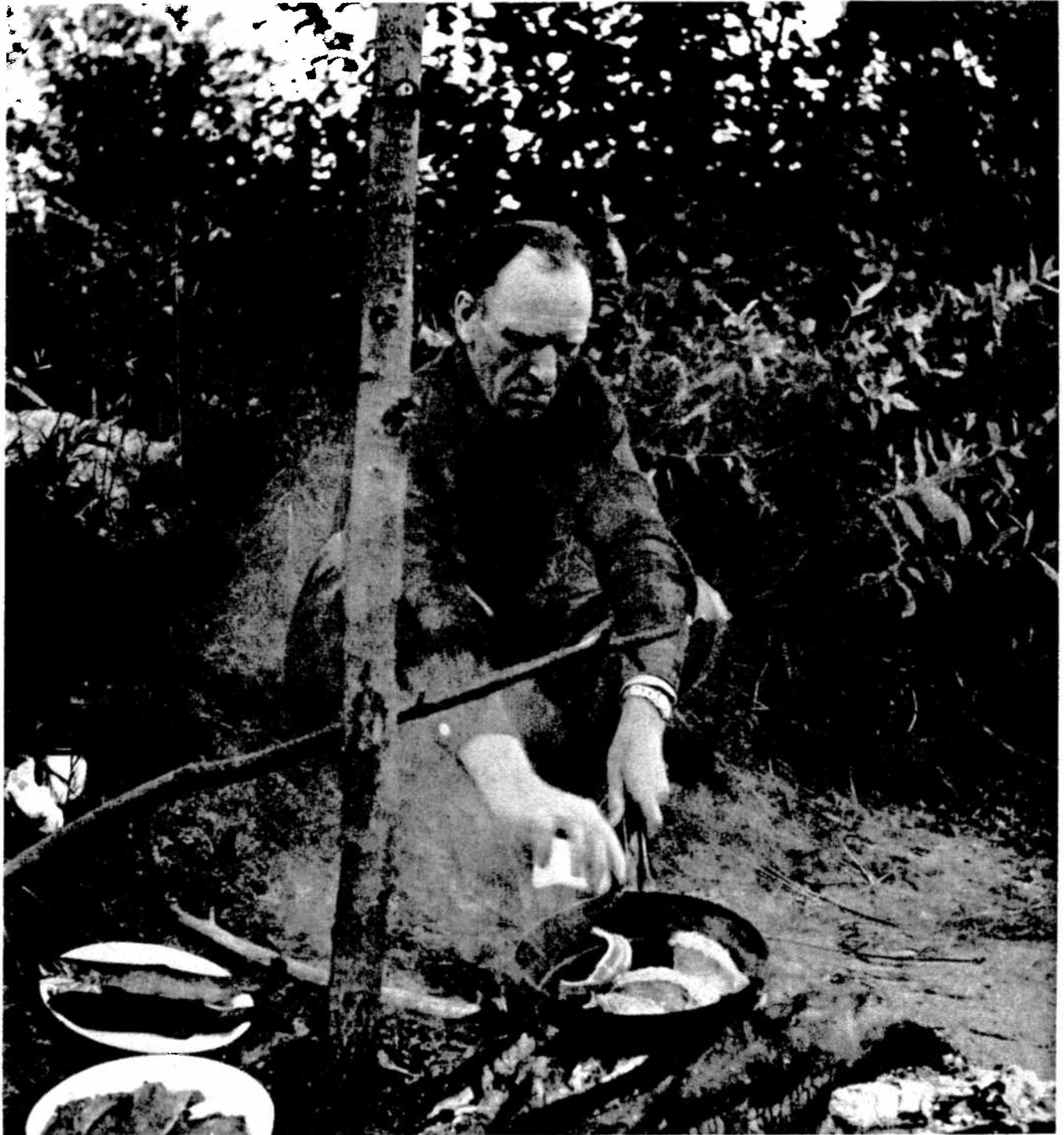


INCO TRIANGLE

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NUMBER 5



Fisherman's Feast

(STORY ON PAGE 8)



Published for all employees of The International Nickel Company of Canada, Limited.

Don M. Dunbar, Editor

EDITORIAL OFFICE COPPER CLIFF, ONT.

Five Methods Used by Inco Underground

When mining was started in the Sudbury district 67 years ago the ore deposits were opened on a small scale and mining methods conformed to a general pattern of small open cast pits, followed by open stopes as mining was extended below the pits. The open stoping methods used were heading-and-bench and shrinkage. In certain cases a type of cut-and-fill mining was used with drywall tramways and drywall chutes in the fill. As the mines were deepened, a general change to cut-and-fill and square-set mining was effected, and these methods became standard for mining the higher grade ores of the district. With the improvement of metallurgical practice and the development of low-cost bulk mining methods, recovery of the lower grade ores became economically feasible. Blasthole and caving methods are used to mine these low grade ores.

The methods of mining now employed at Inco mines are square-set, cut-and-fill, shrinkage, blasthole, and induced caving. Blasthole and square-set methods are used at Frood-Stobie, square-set and caving at Creighton, blasthole at Murray, shrinkage, cut-and-fill, and square-set at Garson, and blasthole and square-set at the Levack mine.



A NICE SURPRISE

A \$115 Suggestion Plan cheque was "found" money for Guy Felicioni, of the blacksmith shop welding department. He dropped his suggestion on the welding of crushing plant scalper screens in the box and eventually forgot all about it. In the meantime his idea was placed under test by the Company, found practical, and an award determined. The man shown above with the \$115 grin is Guy, and on the right is his foreman, Syd Stone.

"Oi Be Hundred-and-Four"



Nickel News, magazine of the Mond Nickel Company, Inco subsidiary in the British Isles, hails Tom Lloyd of Cardiff, Wales, as "the oldest living Company pensioner". In its July issue The News reports: "Tom is now 104, and can carry on a bright and interesting conversation, although he jokingly says he has given up cycling as his legs get tired. He came all the way from Cardiff with his daughter, seen on his right in the photograph, to join in the Coronation Dinner given to all pensioners and pensioners' widows at Clydach." Dr. Ramsey, superintendent of the Clydach refinery, is seen chatting to the veteran and other old stalwarts. The picture was taken by the South Wales Evening Post.

The choice of stoping methods at each of the mines is determined by conditions peculiar not only to the individual mine, but also to the particular areas and horizons of each mine: the size and shape, attitude, composition, and grade of the orebody; the inherent physical properties of the host rock; the extent to which both the ore and the host rock have been weakened by faulting and movement; the depth below surface; the necessity to minimize subsidence and control rock pressure. In each instance these factors have a bearing on the stoping method which is selected.

Square-set and cut-and-fill methods are used 1—to obtain complete extraction with a minimum of dilution of the higher grade ores and 2—to minimize caving and subsidence of the overlying ground. The square-set method is used where both ore and wall rock are weak, cut-and-fill where the wall rock may be weak but the ore itself strong. The square-set method is also used to recover vertical and horizontal pillars in filled stope areas, as well as to recover remnants of ore left in stopes or in the fringes of orebodies that have been worked by other methods.

The shrinkage method is used in the smaller, steeply dipping orebodies where the ore and wall rock are strong and where the conditions are such that a minimum of ore loss and dilution can be expected from use of this method.

Blasthole and caving methods are applied to the bulk mining of lower grade ores in the new underground mine developments.

If we lose our liberties, it will be because we abandon them. — Dr. Vannevar Bush.



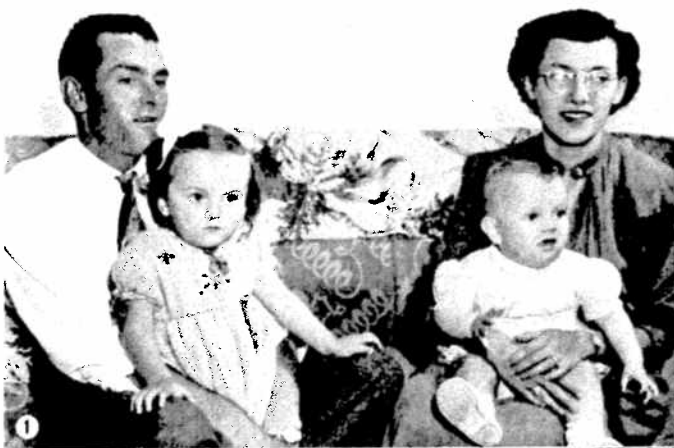
ELECTED PRESIDENT

Ralph D. Parker has been elected president of Canadian Nickel Company Limited, Inco's subsidiary which conducts its exploration and prospecting program, of which he has been vice-president and a director since May, 1952.

He came to International Nickel in 1928 from McIntyre Porcupine Mines, becoming superintendent of Creighton Mine. In 1935 he was appointed general superintendent of the mining and smelting division and in December 1947, to the additional post of assistant vice-president of the Company. Since joining Inco he has had world wide experience in the search for and examination of nickel occurrences.

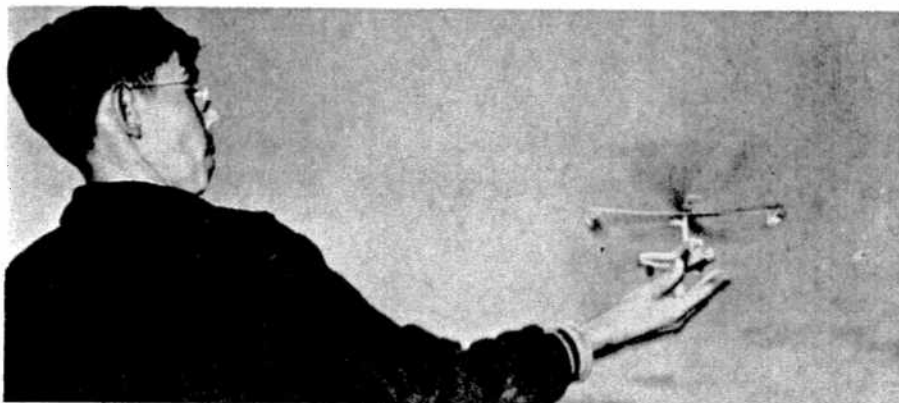
INCO FAMILY ALBUM

"Luck of the draw" brought Triangle into personal touch during the past month with these fine Inco families, and it was a pleasure, as always, to meet them: (1) Mr. and Mrs. "Pauly" Duchene (Frood-Stobie) with Jackie, 2, and Jean-Paul, 9 mos. (2) Mr. and Mrs. Russel Beauchamp (Port Colborne) with Kevin, 5, Mark, 3, and Nancy, 1 month. (3) Mr. and Mrs. Buster Martel (Copper Cliff Concentrator) with Carolynne, 5, and Judy Lynn, 6 weeks. (4) Mr. and Mrs. Bob Ludgate (Levack) with Ian, 16 mos. (5) Mr. and Mrs. Orest Andrews (General Office, Copper Cliff) with Roberto, 6, and Billy, 3. (6) Mr. and Mrs. Jim Smith, (Creighton) with Jim Jr., 20, and Ken, 12. (7) Mr. and Mrs. Jack Angove (Coniston) with Keith, 11, Jimmy, 7, David, 7 mos., and Janet, 9.





Eight members of the Propbusters Club line up behind their planes prior to a big Sunday night meet. They are Ray Rouleau, Chris Mathers, Don Bush, Albert Potvin, Barry Durant, Bill Nolan, Brian Burnette, and John Austin. The club boasts a total of 19 members and is considered the largest and most active in Northern Ontario.



Chris Mathers lets a helicopter take off from his hand, powered by a "jet" engine.



Ray Rouleau installs an engine in his Mustang fighter. The Mustang is one of the larger planes in the club and is capable of hitting speeds up to 80 miles per hour.

Model Aircraft Club at Sudbury North's Biggest

Model aircraft enthusiasts can be seen in action almost any night of the week when the weather is right, at a small flying field adjoining the ninth tee at the Sudbury Golf Club. There the Sudbury Propbusters Club holds forth with models of all shapes and sizes.

Although it is only four months old, the club's 19 members have already won it the distinction of being the largest and most active model aircraft organization in Northern Ontario. Its president is Bert Potvin, of Coniston Smelter, who is ably assisted in



Bert Potvin ruefully collects the shattered remnants after a crash.



Three-Man Team for Take-offs

These three work together as a team to start their aircraft. Brian Burnette handles the control reel, Chris Mathers holds the plane until it is ready to take off, and Bill Nolan, whose father Earle is a chemist in the control lab at Copper Cliff, acts as starter.

coaching the members by five other Inco men, John Austin and Percy Edmonds of Copper Refinery, Bill Peacock and Marcel Cayen of Creighton, and Jerry Lacelle of Copper Cliff Smelter. A large percentage of the organization's plane owners are boys under 18 years of age.

Sunday is the big show night for the club, and the handful of spectators who line the snow fence which cuts off the flying area see more than 50 aircraft go through their paces. The different types of models range from small gliders to speedy gasoline-powered fighters. There are "jet" powered helicopters and the "old-fashioned" elastic-driven aircraft.

Bert says the organization is open to anyone who knows something about model planes. His only advice is to bring along a handful of propellers. "You'll find they come in handy."

Model planes work on the same aerodynamic principle as real aircraft and are capable of going through any type of aerobatic in the book. A good model flyer can make his craft loop, barrel roll, perform wing overs, slip, spin and drop down for a perfect three-point landing.

Although the construction of the aircraft is quite simple, John Austin, of Copper Refinery, says it is the most important phase of model flying.

"It must be strong to stand the stress of flight and rough landings and have a balance that will allow it to be manoeuvred at the slightest touch into aerobatics. When you consider that the entire plane is made of light balsa wood and covered with flimsy Japanese tissue, you can easily see why it is necessary to follow construction plans closely so as to get the maximum possible strength into the model."

John explained that he gets best results by scaling up his drawings to their full size and acquainting himself with the plans before he starts building. In that way you're sure of sturdy construction, he said.

He also emphasized that the covering tissue be doped a number of times to make it taut and add a certain amount of strength to the plane.

The gas-powered models are the babies that bring out the crowd. They clip along at speeds up to 80 miles per hour and supply a bag of thrills in the short 10-minute period they are airborne. The motors are about the size of a man's fist and produce approximately half a horsepower at 15,000 revolutions a minute.

"All you need to keep it ticking is a small quarter-gallon can of fuel and an eye-dropper," Percy Edmonds of Copper Refinery, explained. "Then you have to have tough fingers to stand the cracks a prop gives them when it kicks over as you attempt to start it."

One of the most popular models as far as the fans are concerned is a small helicopter which is powered by two "jet" engines. The "jets" burn a special type of fuel which explodes out the rear of the cylinder and supplies the thrust that spins the copter's rotor. When the fuel is spent — it is good for about two minutes — the rotor loses its speed and drops the craft lightly to the ground.

The flight of gasoline-powered aircraft is controlled by means of a thin steel wire which is connected to the ailerons and elevator and manipulated on the ground by the flyer. The amount of tension on the wire sends the plane into its aerobatics and is regulated by a hand-held reel. If the line is allowed to go slack — which Bill Peacock of Creighton Mine says is one of the big hazards in model flying — the aircraft pitches out of control and crashes to the ground.

The club has seen its share of crack ups but members touch wood when they say none have been of a serious nature. The most serious have consisted of broken props and wings or loose undercarriage. No motors have been smashed and no planes have shaken loose from their controls to lead the owner on a merry chase across the countryside.

DAMPENED ARDOR

"My boy friend kept me standing in the rain for an hour before he proposed."

"What did you say?"

"This is so sodden!"

Johnny Leore Was Best Scout

John Leore, 13-year-old son of Ned Leore of Frood-Stobie, was named Best Scout at the annual Sudbury District Scout camp this year at Windy Lake, near Levack.

It was the first year John had attended the camp but his scoutmaster, Phil Fletcher of Frood-Stobie, said he carried out his duties of patrol leader like a veteran.

"He showed character, resourcefulness and good spirit," he said, "and was an easy choice for the award."

In addition, John and the six other members of his patrol won the Best Patrol award over seven others. With him in the winning patrol were his brother Henry, Gordon Sage, Doug Adolph, Allan Tennyson, Tony Fellbaum and David Lewis. Patrols were judged on their work and initiative around the camp and on their participation in Scoutcraft and games.



Scoutmaster Fletcher and Best Scout

John was one of a few Scouts selected to attend the camp four days early to help put up the tents and prepare the camp site. He has been scouting for 18 months.

More than 50 Scouts from Sudbury, Copper Cliff, Garson, Coniston, New Sudbury, Lock-erby, Gatchell and Minnow Lake attended the 10-day camp.

John is a grandson of Dr. Harry Feldhans, who retired on Inco pension in 1948 after over 36 years' service.

LADY, YOU'RE LYIN'!

The door to door salesman stared doubtfully at the formidable-looking animal lying on the step.

"What breed is your dog?" he asked the little old lady.

"I don't quite know," she said. "My brother sent it to me from Africa."

"Well," said the salesman, hesitatingly, "it's the queerest dog I've ever seen."

The old lady nodded in agreement and said: "You should have seen it before I cut its mane off."



What Will He Ever Do With Them?

A group representative of all employees at the mine gathered for a brief presentation ceremony at which popular Andy Cain received a handsome decanter and set of glasses from Ernie Conroy on behalf of everybody at Garson. Left to right, watching the presentation, are Ray Beech, Jock MacIver, Ray Gresham, Jack Donnelly, George Secker, Mel Young, Lee Pletzer, Walter Coulis, Dan Patching, Ed. Mills, George Sullivan, and Superintendent Norman Wadge.

ANDY CAIN HELPED TO SINK SEVEN OF INCO'S MINE SHAFTS

It was the spring of 1905, and Andy Cain, had handled the log drive from the head of Moon Lake down to the Blind River mill. He was on his way home to Pontiac village, on the Ottawa River, when at North Bay he heard fresh news about the boom at Cobalt. Like a bee for honey he headed north to adventure, and from that day on he was at heart a mining man.

His first real mining job was helping sink the shaft at Coniagas. Its dimensions, 7 x 11 ft., seemed pretty big to him then, but in the years that lay ahead of him they were to grow tiny by comparison. The first man he helped on one of the two big piston drills used in sinking the shaft was Charlie Caesar, who later also became a well-known Inco worker.

Andy came out of the Cobalt camp in 1917 with a hankering for Southern Ontario. He put in six years with the provincial hydro system on canal work at Niagara Falls, and then followed other construction work. But by 1933 the call of the North was too insistent to be denied, and Andy headed back to the work he really enjoyed. He signed on with Inco and worked as a driller at Frood until he was transferred to the sinking crew at Creighton No. 5 Shaft.

Andy became one of Inco's shaft experts, working on the sinking of Creighton No. 5 and No. 6, Levack No. 2, Garson No. 2 and extensions, Murray No. 1, and Frood-Stobie No. 7 and No. 8. His last assignment before retiring on pension was in Garson No. 2, which, at 4,222 ft., is now the deepest single-life shaft in the Company's operations. The deepest point in an Inco mine, of course, is at Creighton, 5,562 feet, but it is reached through two shafts.

In half a century of work, only once was Andy away from his job for a long period — and it took a bout of typhoid fever to lay him low. Last year he got the first hint that he was slowing up when the good old-fashioned remedies failed to cure him of a heavy cold and he had to go around to Doc Kirk for a needle. At the time of his retirement he was a division foreman.

Andy was married at Cobalt in 1913 to Charlotte Mills. They have four sons, all living near Niagara Falls, where Andy will reside with Mrs. Cain.

A full day's work for a day's pay was Andy Cain's creed, and he was faithful to it. He will also be remembered by all who worked with him for his quiet sense of humour and his witty expressions. That his retirement will be a long and comfortable one is the wish of all his associates at Inco, who held him in the highest esteem.

Mrs. Tony Pella Justly Famous For Preserves

Slice six big tomatoes and mix them with seven dried green peppers, two sliced onions, three garlic buds and four large spoons of mazola oil. Then pour the mixture over an equal quantity of mushrooms, boil for 2½ to 3 hours and you have an appetizer that goes down in Mrs. Tony Pella's book as her favorite preserve. It makes exactly 15 full jars.

The mushroom appetizer is only one of 16 recipes Mrs. Pella uses each fall to put up more than 350 jars of preserves. When the Triangle paid her a visit this month, she was canning peaches, of which she does at least 100 jars.

"That might sound like a lot of preserves," she said, "but I have a house of big eaters to look after. We couldn't afford to pay the grocery bill otherwise. And they're fussy, too. Everything has to be just so-so," she laughed.

Heading the list of "big eaters" is her husband Tony, who works in the Copper Cliff thickener station. There are three children at home, Bobbie, 15, Dianna, 13, and nine-year-old Ronnie.

The eldest son, 23-year-old Roy, attends the University of Michigan and is home only during the summer months. Roy distinguished himself as an outstanding athlete by representing Canada in the discus and shot-put at the 1952 Olympic games in Helsinki. Although he didn't finish first, Roy says if he had had his mother's cooking in Finland it might have given him a couple of more inches on his discus try.

Besides the mushroom appetizer and peaches, Mrs. Pella also preserves pears, Italian plums, crabapples, dill pickles, onions, peas, beans, tomatoes, beets, cherries, strawberries, spinach, raspberries and roosters.

The roosters come in handy for spaghetti dishes.

"I got the idea of preserving roosters a few years ago after I bought a large number from a farmer. I save the legs, breasts and wings and mix them in a special sauce of one sliced onion, a couple of spoon-fuls of olive oil, a garlic, three or four tomatoes and some Italian spices. I usually try to get enough roosters to put up 15 jars," Mrs. Pella said.

"I like my recipe for putting up dill pickles, too. It is what they call Polish style. I put three or four carrots and six small onions into each jar with the cucumbers and add Italian spices to make it tasty."

When she first started preserving Mrs. Pella confesses that it cost her almost as much money as she saved through canning to replace the jars that cracked in the boiler.

"It's not bad now, though," she says, "since



MRS. TONY PELLA

I found out that different preserves require different periods of boiling, and I don't let the water get too hot or leave the jars in too long."

For instance, the peaches, pears, Italian plums, crabapples, peas, beans, tomatoes, rooster, strawberries and spinach are left in the boiler for 15 minutes. The dill pickles, onions and raspberries get five minutes, the mushroom appetizer gets 25 minutes and the beets 20. The cherries are sealed without going into the boiler in order to preserve the flavor.

"I don't know how much money I save by putting up preserves," she said, "but it is not as much now as it was two summers ago when we had our big garden. It used to be 45 by 55 feet but Tony built a new house for us on the property and cut the garden space to 12 by 45. We still get lettuce, tomatoes, cucumbers, peas, beans, spinach, carrots, onions and parsnip from the garden but not nearly as much as we need. I buy most of my vegetables at the market now."

But whether her vegetables come from her own garden or the market, it's a safe bet that Mrs. Pella's preserves will always be an experience in good eating.

Three Stacks Of Copper Cliff World Famous

The "plumes of prosperity" at Copper Cliff smelter wave from the tops of three famous chimneys. Two of the huge stacks, 500 feet above base, are the highest in the British Commonwealth, and the third measures 350 feet.

Of the relatively few communities in the world in which chimneys have been built 500 feet or more in height, Copper Cliff alone has more than one of these giants.

Symbol of the strength and security of the nickel industry, the three great Inco stacks dominating the Nickel Belt skyline are a photographic "must" for hundreds of tourists during the summer months and an unmistakable landmark for the steadily increasing air traffic of the North.

One purpose of these very tall chimneys is to exhaust waste gases at an altitude where horizontal air currents will diffuse them and render them harmless before they settle again to the earth. The other purpose is to furnish strong draft for smelting operations.

The Inco stack on the left, as viewed by the two little girls in the accompanying picture, but which appears in the centre of the trio when seen from the highway, was constructed during the summer of 1929, requiring seven months and 13 days to build. Its 500-foot perforated radial brick column is supported on a mass concrete foundation 10 feet high. Its inside top diameter is 45 feet, its outside bottom diameter 72 feet 7 7/8 inches. Thickness of the wall at the top is 17 inches, at the bottom 54 inches. Its weight above foundation is 15,600 tons.

The other 500-foot stack, which stands on the right of the trio, rises from a mass concrete foundation 54 feet high. It was constructed in six months and 20 days of 1936. Built of concrete, it has an inside top diameter of 40 feet and an outside bottom diameter of 62 feet 1 inch. Its wall is 8 inches thick at the top and 33 1/4 inches at the bottom. Its weight above foundation is 9,000 tons.

Both the 500-foot stacks are lined with perforated radial brick and surmounted by a ceramic cap anchored with monel metal bolts. At an elevation of 190 feet above foundation there is an opening in each chimney and a test platform from which samples of gases can be taken.

Each stack has a lightning rod system consisting of a series of points around the periphery of the top and four downleading cables grounded separately in permanently moist earth. The points are 7/8-inch solid copper rods and the cable is 3/4-inch heavy stranded copper cable. The complete system is sheathed with 1/4-inch sheet lead.

In the second of the accompanying pictures is a view inside one of the Copper Cliff stacks, showing the flue opening, 18 feet wide and 40 feet high, through which come gases from the smelter to pass up the chimney. The men standing in the corners of the opening provide a contrast in size.

In the bottom of each chimney is a hopper, lined with acid brick, for collecting dust deposited by the gases.

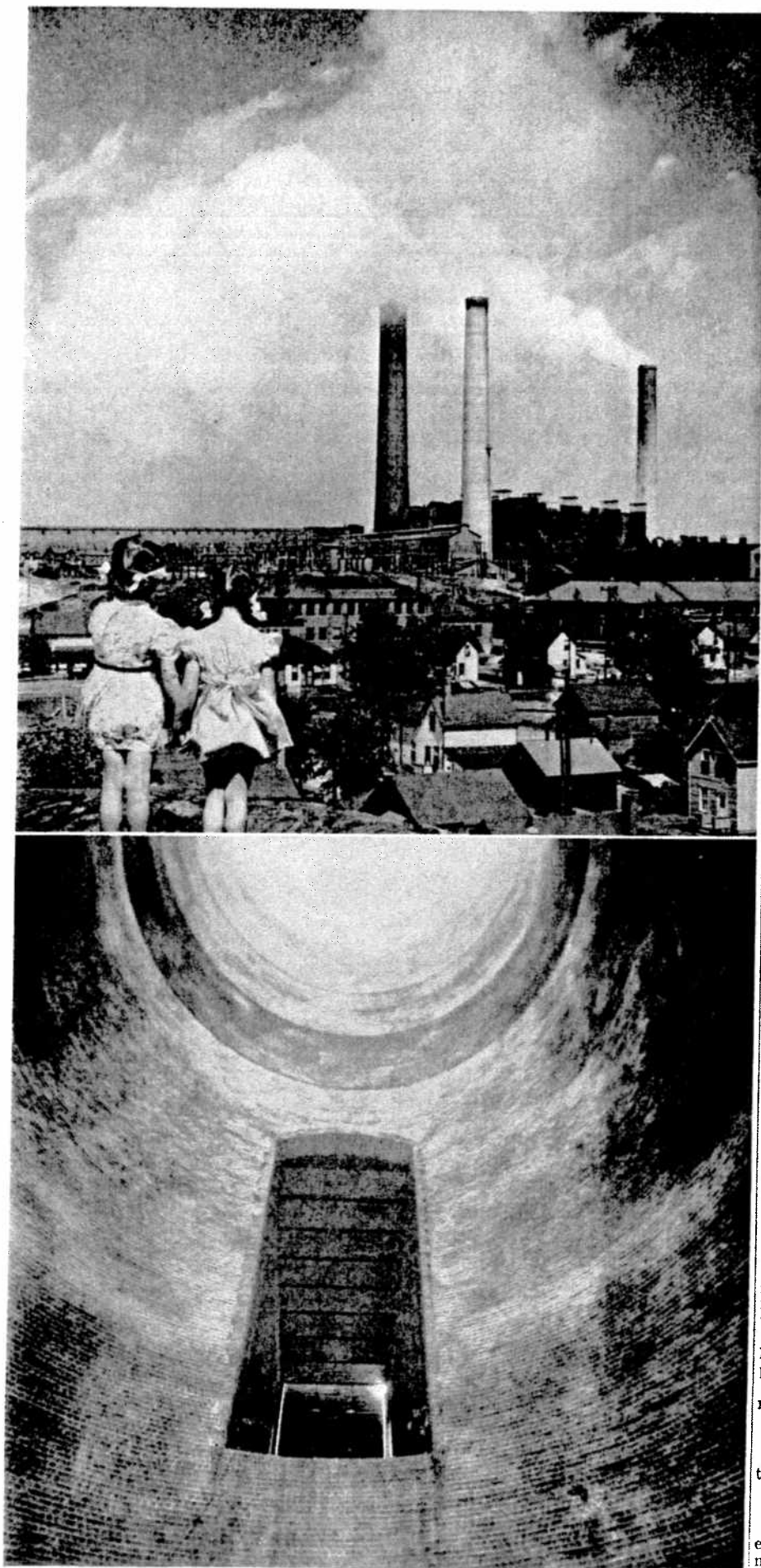
Inco has a third 500-foot stack at its nickel refinery at Port Colborne.

DEAD SET ON IT

Doris—When is your sister thinking of getting married?

Little brother—Constantly.

It is a great misfortune neither to have enough wit to talk well nor enough judgment to be silent. — La Bruyere.





WELL ON THEIR WAY — Our fishermen board ferry at Nairn, find journey across Spanish River easy pulling. Then there's 9-mile trip to Lake Agnew where they park car.



HOW CAREFUL CAN YOU BE? — After 15-minute trip up Lake Agnew by boat Steve hides motor in heavy bush near shore. He hid it so well it took 10 minutes to find on return trip.



RUGGED TRAVELLING — John Creek has to be crossed several times during 6-hour trip on foot. Here boys stripped to wade deep spot with gear strapped to their backs.

Fourth Annual Tryst at "Secret" Fishing Haunt

For the fourth consecutive summer Howard Morgan came up from St. Catharines last month to visit his brother-in-law, Steve Kuzmaski of Copper Cliff, and to keep a sacred annual tryst at their "secret" fishing hole in John Creek, away back in the bush.

Since the success of this annual pilgrimage over the years had become legend in local fishing circles, the Triangle sent a camera along in hopes of recording for posterity some of the largest speckled trout ever ogled by an angler. Photographically the expedition was a success; piscatorially it was adequate but by no means epic, for a very sad but sufficient reason.

Bob McAndrew of Copper Cliff, who Steve said was "one of the few who know about the secret hole" was the third fisherman in the party.

The trio started out bright and early in ideal weather, travelled by car to Lake Agnew after taking the ferry over the Spanish River from Nairn, and crossed by motor boat to a point near where John Creek empties into Lake Agnew. The motor was hidden beneath a thick growth of bush and the tough six-hour overland journey began.

The trip was split into four stages, allowing a brief rest after each 45 minutes of walking time. It was made for the most part through heavy bush, the men carrying only their fishing equipment and enough food to last two days.



OFF INTO THE WILDS — The boys hit the long, long trail. But this is highway compared to what's in store when they tackle seldom-travelled path through dense bush.



LIKE GOOD OLD DAYS — At halfway mark trio stopped for refreshing swim and rest. Bob said chilly water was just like old swimming hole of his boyhood back in Alberta.

Everything went according to plan. There wasn't a hitch from the time the trip got underway until the fishing spot was approached. Kuzmaski and McAndrew were confident; the little fears that had been gnawing at their subconscious ever since they were there last year vanished, because at no place along the trail had they seen any indication of intruders or usurpers.

Then the awful fact broke upon them like a tidal wave. Directly in front of their "secret" fishing hole lay the dampened embers of somebody else's camp fire!

With heavy hearts they made their first casts. The worst was only too true. Their private hole had been fished out!

But, like the true sportsmen they are, they refused to give up the ghost. They fished up and down that creek from 4.00 p.m. of the first day until shortly after noon of the second, taking time out only for two meals and a one-hour nap around midnight. And when it came time to start back, they had netted a total of 50 speckled trout. Only 27 were considered big enough to take home, the rest either being thrown back into the creek or served at meal time. No trout under 10 inches was kept.

True, no records were broken, but many an angler has gone home with less in his creel.

The prize for the biggest catch went to Bob, who hauled out a fighting 2½-pounder.

It was a lot of work, they agreed, to bring home only 27 fish. Not like the days when they could drop their lines into the hole and bring out twice that number in a few hours — and all big ones, at that. Now that the hole was no longer secret, it would not be worth the trouble of the long walk to fish it again.

When Howard left for his home in St. Catharines the boys assured him they would find another "secret" hole for next year.



NO TIME WASTED — Fishing spot reached at long last, Howard caught first trout, measuring 10 inches. Expert casters, Steve, Bob went into action right away too.



KILROY WAS THERE? — Bob made sure of this 2½-pound speckler which, because another party had fished their "secret" hole just ahead of them, was biggest caught on trip.



SMILES OF SATISFACTION — Steve, Howard and Bob, with nice catch. They hooked 50 but only 27 were over 10 inches long, considered "keepers". Average was about 14½ inches.



A LABOR OF LOVE — Steve was "joed" to clean enough fish for supper. Rest of catch was cleaned, salted, rolled in cloth and packed in haversacks for long trip home.



DELICATE AND DELICIOUS — End of perfect day as specklers sizzle in pan. "Give 'em lots of salt and butter," says Bob, "and you don't have to chew — you just inhale them."



Charley Rollins, of MacIvers, was called safe (left) at Garson, but camera shows Merle Currie, of Mills, tagged him off bag. Bill Aykroyd, centre, hurls for Stelmackowich at Frood-Stobie. At right, Charley Rousselle, of Bennetts, safe at Copper Cliff.

Shift Leagues At Inco Plants Start Playoffs

Three out of the four athletic association leagues are now in the playoffs, and semi-finalists have been declared in the fourth, as Inco shift ball players round out another season packed with edge-of-the-seat action.

Frood-Stobie and Levack have started their playoffs, while Garson is down to the finals. At Copper Cliff the four lineups to enter the playoffs have been decided.

A round-robin was needed at Levack to determine the third and fourth place winners when Palumbos, Laidlaws and Legion finished behind Town and Office with five wins each. Laidlaws took third place by winning both its games, while Palumbos eliminated Legion for fourth place.

Dr. Al Knight, who doubles as a third baseman and pitcher, and shortstop Archie Cucksey, make Town the favorite in their playoff series with Laidlaws. Pitcher Alex Didur and heavy-hitting Murray Hatfield look good for the underdogs.

Office, a team which claims to have no individual stars, does boast two of the league's top hitters, however, Don Endelman and Gene Wrixon, who are expected to make things rough for Palumbos in the second series. Palumbos counter with two of their own stars in Yvonne "Rocket" Forget, a man who they say can play any position on the field, and first-baseman Bill Lord.

At Frood-Stobie, where all four teams make the playoffs, first-place Glagaloffs meet third-place Stelmackowich and the defending champion Dunnes meet the cellar-dwelling Marcotte team of Stobie.

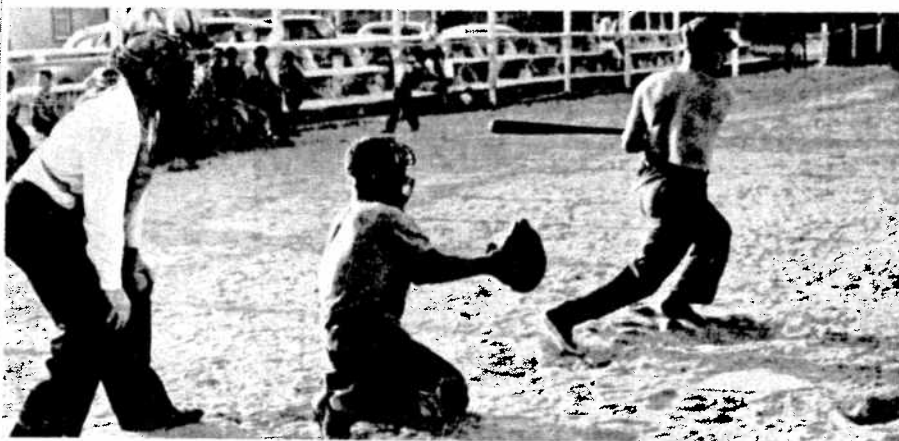
Glagaloffs claim one of the best pitchers in the league in Eddie Werbiski — he hurled almost all league games — and two heavy hitters in Eldon Sloan and Bert Proulx. Stelmackowich also have a top pitcher, Bill Aykroyd, who will get able support against Glagaloff from the manager himself, Matt Stelmackowich.

In the other series, Dunnes will have their hands full against Marcotte. The defending champions have practically the same team that won for them last year, with Mickey Smrke and Red Day providing the power at

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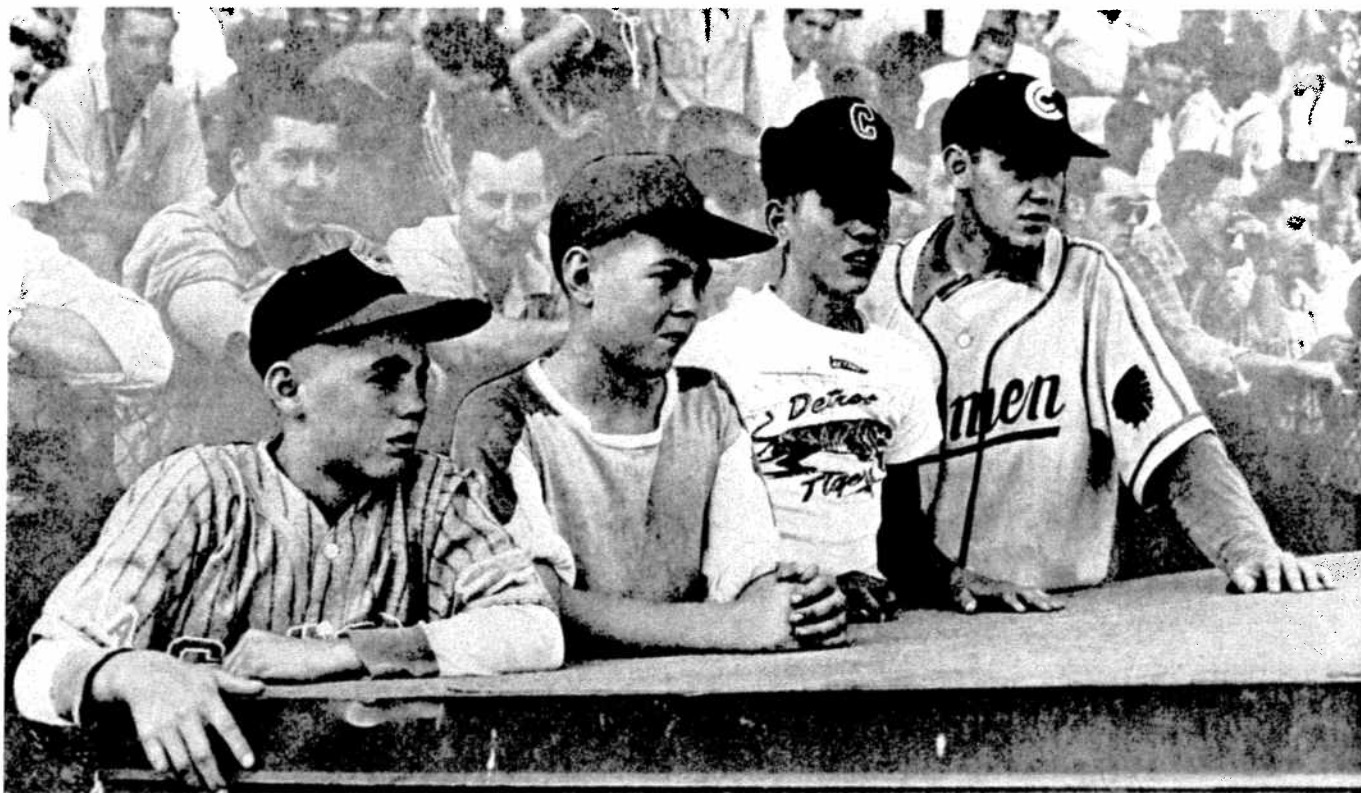
Pandkes' C. Menard and Albert McGillivray have a Bennett runner trapped between second and third. Short-stop Felix Lalonde comes in to help in this Copper Cliff action.



Mills' John Chokan hits, John Gates catches, Angus MacDonald umps, at Garson.



Laidlaws' Alex Didur whiffs, Ernie Hilton catches, Pat Owens umps, at Levack.



AN ALL-STAR BOARD OF STRATEGY — "He sure kicked that one around," the bat boys are thinking as they study a bad play perpetrated during a Nickel Belt Baseball League game. The four experts, left to right, are Ronnie Rinaldi of Garson, Art Hutton of Creighton, Edwino Santi of Coniston, and Bill Doherty of Copper Cliff.

Kids Who Handle the Hickory Speak Minds on Who Was Best

Who knows better than the bat boy how a baseball club is ticking?

No fan, however died in the wool or rabid, can possibly get as intimate a view of the players and coach as the kid who handles the hickory.

With this in mind the Triangle asked bat boys Edwino Santi of Coniston, Ronnie Rinaldi of Garson, Art Hutton of Creighton and Bill Doherty of Copper Cliff to give their straight-from-the-shoulder no-holds-barred opinions of the Nickel Belt Senior Baseball

League race this summer:

RONNIE RINALDI, 14: "I was with Garson last year when we finished in the league cellar and I think that's where we belonged. But this year it's different. We didn't belong in fourth place. We should have been fighting it out with Creighton for first place, with all the new players we brought in this spring. There isn't a finer coach in the league than Normie Hann . . . and who covers the short field better? Take a look at Gil Benoit and see what he's hitting — up near the .400 mark. Ev Staples doesn't take a back seat to any catcher in the league and our pitching was by no means the poorest. Coniston has Keith Boyd and Copper Cliff has Moose McQuarrie, but other than that I can't see them beating this club. No, sir, I think you just have to write that fourth-place finish off to bad breaks."

EDWINO SANTI, 13: "This is my first year as bat boy with Coniston but I followed them closely last year when they won the Monell Cup. We have pretty well the same club now as we had then, with a few minor changes here and there. We were good enough to finish third this year and I think with a break or two we could have climbed another notch. Creighton is tough . . . I make them my choice as the outstanding team in the league. We got super pitching from Keith Boyd — I'll put him against any hurler in the league — but Ray Muise hasn't had as good a season as he did last year. Tubby Halverson has done a great coaching job since taking over the reins in mid-season and his heavy hitting certainly hasn't hurt us any. I'll take our Jim Milne as the top ball player in this league and Sam Mason of Copper Cliff as my choice for an outfielder."

ART HUTTON, 12: "A lot of people were

down on us just after mid-season when we hit a bad slump and dropped out of first place, but I think we proved ourselves — with a strong finish that won it back for keeps. The only team that could have given us a run for the money was Coniston and they fell apart at the end of the schedule. I don't think Copper Cliff can match our infield, and our pitching, with Bill Kasep-chuk rounded into shape, was the best in the league. We didn't have too many hitters in the .300 bracket but we had Jerry Girard picking up his share of hits and Kasep-chuk coming through with the odd extra base wallop. We have the best short-stop in the league in Johnny Baia and I pick him as my favorite all-around ball player. I like Jack Owens from Garson, too. Another

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GENIUS AT WORK

Masterminding isn't always as tough as some people think it is. Here Garson bat boy Ronnie Rinaldi nibbles on an ice cream cone while he studies the play.



MAN OF MANY PARTS

You have to be a jack-of-all-trades to be a top-grade bat boy. Art Hutton hustles from the dug-out to give First Aid to an injured Creighton player.

Greedy Shark Almost Nabbed Her Big Catch

There is no doubt in Mrs. Gordon Wilson's mind when it comes to naming the biggest thrill she experienced during her 10-day holiday trip this summer to Pompano Beach, Florida. It came on a deep-sea fishing trip off the coast when a big shark wanted to dine on a 20-pound dolphin she had hooked.

"The shark followed my fish right up to the boat," she said, "and snapped at the dolphin just as the captain gaffed it. It would have been awful if he had taken a bite out of it because it was the first big one I have ever caught. But everybody got a big thrill out of the shark coming so close, particularly my husband."

With her husband Gordon, of Frood-Stobie, Mrs. Wilson made the trip with Mr. and Mrs. Wilf Moore, of Creighton. She fished once more after her experience with the shark but her line broke when the fish she hooked dove to the bottom and tangled it in the rocks. That was "the big one that got away."

Gordon was crowned champion fisherman of the quartet. He caught a 15-lb. snapper and an 18-lb. king-fish. Both Wilf and Mrs. Moore were also successful in catching fish.

The fishing was done from a chartered "drifter" boat that takes a party out to a spot over the shoals on the edge of the gulf stream and shuts off its motors. They fished as they



Gordon and his king-fish, Mrs. Wilson and her dolphin.

drifted over the shoals. It cost \$3.50 per person for the boat ride and an extra \$1 for tackle.

"There wasn't a great deal to the fishing," Mrs. Wilson said. "Everything we needed was on the boat. All we did was drop our line into the water and hope for a bite. Mrs. Moore and I only went on two trips but the men must have been looking for a whale or something because they went out four times before they gave up."

"One part I enjoyed about the fishing was the big fry we had that night at the cottage. There were 12 couples of us altogether. We had more fish than we could eat, and it was delicious, too."

Mrs. Wilson turned next to her pet topic of conversation, gardening, at which she and her family have won many prizes for their

New Legion Branch Receives Charter



Len Turner (left), president of the new Lively branch of the Canadian Legion, receives the branch's charter in a special ceremony at Queen's Athletic Field during the organization's provincial convention in Sudbury. Erle Burgess of St. Thomas, the Legion's national chairman, makes the presentation. In the background is Leo Troy of North Bay, regional vice-president for Northern Ontario. The Lively branch, organized in April, already has 35 members and will probably be one of the most active in the province.

beautiful grounds at 269 Long Lake Road. The rich beauty of Florida's Cypress Gardens filled her with delight — and perhaps a dash of professional envy, too.

"It was definitely the most beautiful sight I have ever seen in my life. It's simply a fairyland of nature," she said.

"They even have rare tropical plants growing in surroundings which reproduce their native jungle homes. And they all grow as rankly on the cypress at the gardens as they do on the jungle trees of their own lands. They have tree ferns from Australia, pothos from the Solomon Islands, the monstera of Mexico and the philodendrons of South America, as well as scores of native trees."

"The gardens are located on a number of islands and you cross from one to the other on small rustic bridges. You see trees clothed in huge jungle-creepers with fantastic leaves."

"They say you have to spend a year down there to realize the true beauty of the place. Florida has a 12 month flower period and each flower has its own particular season for blooming. It gives the gardens an ever-changing array of beauty, with no two months alike."

"Something else that impressed me at the gardens was a unique swimming pool which juts out into the middle of a lake. It was designed as the setting for a motion picture and has the shape of the state of Florida. It was drawn to scale from a standard road map and is made of concrete and steel, with the entire top surface covered with broken ceramic tile. The length 'from Key West to the Georgia line' is 87 feet and the maximum depth is about 5½ feet. I didn't get a chance to swim in it so I can't say if the design made any difference to the water. But it did look inviting."

Mrs. Wilson did such a good job of "selling" Florida when she got home that her 19-year-old daughter Shirley decided to make the same trip. She left on August 28th and will follow the route taken by her parents.

He who has health, has hope; and he who has hope, has everything. — Arabian Proverb.

Shift League Start Playoffs

(Continued from Page 10)

the plate and Angus MacDonald doing most of the mound work. Manager Al Marcotte helps his own cause at shortstop and Leo Hranuk provides the long ball.

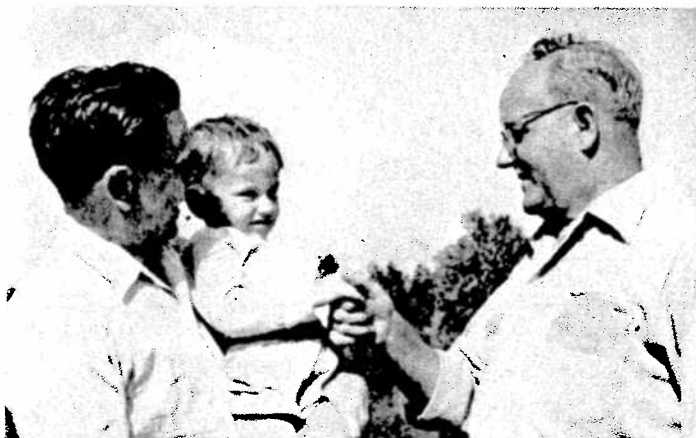
Warehouse was showing the way in the Copper Cliff shift league at final writing with all wins and no losses. Flyers were second, Forth were third and Machine Shop settled in the fourth playoff spot. There are seven teams in the league.

Warehouse swept through the league on the strength of heavy slugging by Joe Sauve, Yacker Flynn and Tommy Acheson. Tony Bertrand, Ray Groulx and Roland Asselin combined to make Flyers formidable during the schedule with their fine fielding, and Asselin contributed his share of base knocks. Third-baseman Jack Newell was outstanding for Forth during the season and his fielding and hitting made him one of the most dangerous men in the league. For fourth place Machine Shop, versatile Bill Hodgins, Wes McNeice and Art Van Allen were among the best.

The only shift baseball at Inco plants is played at Garson. The three-team league is now down to the finals with Little Giants facing Mills. MacIvers were eliminated in a sudden-death duel by Mills.

Although Little Giants came home in front during the league schedule, Willard "Speed" Dupont and pitcher-third baseman Merle Currie of Mills are expected to make things tough for them in the playoffs. Little Giants are led at the plate by their manager, coach and star player, Charley Chaperon, and first-baseman Joe Gerden is one of their heavier hitters.

The only sure thing about luck is that it will change. — Wilson Mizner.



Don Dixon's son John Scott met Lively's Mayor Albert Elliott.



Lysette, Roberta, and Remy Gagne very busy with corn on cob.



Marion Hillyard proudly shows her daddy the doll she drew at fish pond.



Serious Little Susan Dennis helped Secretary Gerry Mahon make prize draw.



Funny clown congratulated Theresa Lanvin on winning lovely doll at bingo.



Baden Carroll, 5 mos., preferred to take his refreshment in solid comfort.

Big Turnout at Lively's First Annual Picnic

If the success of its first annual picnic is to be the measuring stick for its other community projects, then Lively will be lively for sure in the years that lie ahead.

It was a fine sight to see, that good old-fashioned get-together that the new Inco town's Athletic Association held on the Company's grounds at the Morrison Farm. There was a large attendance.

Five hundred balloons and 1,000 ice cream treats were distributed to the youngsters, who also enjoyed a full program of races.

A well-organized bingo game with a smart selection of prizes, wheels of fortune, and games of skill kept both young and old amused on the "midway". There were several prize draws. Lively Mohawks scalped Naughton 14-4 in a softball match.

Many families brought picnic baskets and completed the day by having supper on the grounds by the lake.

Gerry Pidgeon was chairman and Jerry Mahon was secretary of the association's picnic committee, and they received excellent support from the executive and hard-working members of their organization.

Proceeds of the event, which were substantial, will go toward equipping a children's playground in Lively — a project which naturally has the enthusiastic support of the whole community.

Many a man can credit his success to the fact that he didn't have the advantages others had.—The Wax Kasette



Mrs. Hunter gave Kathie her first teeter-totter ride.



Al Brown heaves a ringer at the horseshoe courts.



Rosemary MacDonald had her share of big picnic pie.



Leo Landry wound up, let go bullseye at ball toss.



"OFF-STAGE" VIEW: This was the way things looked from behind the camera when a big square-set stope was ready for photographing. Over 50 lighting units were used. Louis Legault, who enters from the manway at the left, and Stan Hall, at the drill, were the "actors" in this particular scene. Roy Anderson also appeared before the camera in the sequences shot in this stope.



MOVIE-MAKERS: Shown here, front row, are Joe Kohn, director, and Harry Yingling, asst. cameraman; back row, Al Shaw, chief electrician; Dave Quaid, cameraman; John Haupt, "grip" or utility man. Tony Lamarcia, also of Film Graphics, Ltd., is unit manager.

Movie Camera And Big Lights Underground

Stopes, slusher drifts, tipples and crushers will all get their turn under the klieg lights during the next few weeks as Film Graphics Ltd. move through Inco's underground workings making a new motion picture. Depicting in full detail all phases of mining for nickel, the new film, about an hour long, will be given wide distribution by the Company for educational purposes.

Eastman's negative-positive 35 mm color film, a recent development, is being used to make the movie; its higher emulsion speed and better rendition are proving a big help in dealing with the very difficult lighting problems encountered underground. Film Graphics have also brought into action an 18.5 mm lens; its extremely wide angle enables them to make pictures in closely confined quarters.

Enough "juice" to electrify 60 modern homes is being made available to the movie-makers through special arrangements by Inco's Electrical Department. Four 25-kva transformers, capable of producing 100,000 watts, have been mounted on a timber truck which is spotted as close as possible to the camera location. Some 3,000 feet of

cable, on reels, is supplied to carry the electricity into the mining places. This special electrical equipment weighs about 2½ tons.

Both Joe Kohn, the director, and Dave Quaid, the cameraman, veterans of 18 years in motion pictures, admit that a nickel mine is a tough place to make movies, especially in color, which requires a great amount of very even light. But they are enthusiastic about the co-operation they are getting on this Inco assignment, not only from supervision but also from the miners who are being photographed at work. "They are as natural as regular actors in front of the camera — we couldn't ask for better performances than we are getting," Dave told the Triangle. And Joe wanted to be quoted this way: "Any success this picture may have will be due to the miners."

Both have been impressed with the "safety-mindedness", as they call it, of all men they have encountered underground. "They look after us like fathers," Dave said.

How to Treat Burns



There's probably nothing quite so painful as a burn. Even brief exposure to flame or heat can cause discomfort and suffering.

On the job or at home, it is important to get **prompt** and **proper** first aid for all burns. Even minor burns can be dangerous if not treated correctly. If a burn is deep or extensive, a physician's services are always needed.

Proper first-aid for burns depends upon the extent of tissue injury. Here are some of the first-aid steps suggested for treating various types of burns:

Burns of Limited Extent — Apply a sterile compress saturated with a strong baking soda solution or any good burn ointment. Over this lay a thick, dry compress, and bandage it in place, snugly but not too tightly. This relieves pain by keeping out the air and helps to prevent infection.

Burns of Large Area — With extensive burn the victim develops severe shock, and no time should be lost in placing him under the care of a physician. While waiting for the doctor, cover the burned area with several layers of sterile gauze or a freshly laundered sheet, wet with slightly warm solution of baking soda or Epsom salts (2 tablespoons to a quart of water). Help to lessen shock by keeping the victim lying down and comfortably warm with blankets, over and under him. Give him water to drink in moderate amounts.

Chemical Burns — For burns caused by chemicals such as strong acids and alkalis, immediately strip off all clothing and drench the skin continuously with large quantities of clean water, preferably under running water. After the chemical is thoroughly washed off, give first aid as directed above. Get medical aid at once.

For Civil Defense — Morely dress with standard burn pad; do not use ointments or antiseptics.

Some Don'ts

Don't try to remove clothing or other matter that sticks to the burned part. Cut around it and leave the rest for the doctor.

Don't apply iodine or alcohol to a burn.

Don't try to open blisters.

If it happens that you cannot get prompt medical care or cannot otherwise provide treatment, it is best to treat the victim for shock and cover with a sheet or other clean material. While awaiting the physician, give the victim 1 teaspoon of salt and ½ teaspoon of baking soda in a quart of water. Encourage the person to drink as much as possible.

You may want to cut out these instructions and place them in the medical cabinet in your home, or in some other handy place.

When Children Are Burned

Burns are the leading cause of accidental death among children after infancy. Badly burned little children quite naturally beg for prompt relief but don't have the patience to listen to reason. Therefore, the sympathetic parent may be tempted to provide any kind of salve or ointment in order to help relieve the pain. While this is an understandable reaction by the adult, improper treatment may lead to infection, and little children are not equipped to fight off infection on extensive burns.

Someday you may be glad to know what to do for burns if medical aid or a first-aid dispensary is not immediately available. You can be a great help if you are able to provide **prompt** and **proper** first-aid.

Second Time He Has Retired

When George Shute retired September 1 from the metallurgical department at the Copper Refinery with credited service of 20 years and three months, it marked the second time in his 65 years that he has settled down to a life of leisure.

The first time was in 1929 when he was employed by the Canadian Pacific Railway in



MR. AND MRS. GEORGE SHUTE

Sudbury. George says it took him only four years to learn that he was too active a man

to sit on the sidelines. That was when he came to Inco.

"But this time I will make it stick," George said. "It is certainly good to know you have a company like Inco behind you when pension time comes. I don't think there is a better retirement plan anywhere... it is a wonderful company to work for."

"I made many friends at the refinery, and like any other pensioner I hate to leave them. But I think I'm ready for a rest."

George has a number of hobbies to help him put in the spare hours. Both he and his wife are ardent gardeners and take great pride in the well-kept lawn and flower beds at their home on Cartier Street, Sudbury. He was a soccer referee in the city for over 20 years and has also followed hockey and baseball. He is interested in good music, having served as choir leader at First Baptist Church for years, and has also organized male voice choirs.

Born in Cardiff, Wales, in 1888, George came to Canada in 1912 and started work in Sudbury as CPR freight shed foreman the same year. In 1913 he married Edith May Baiss, of Cardiff. They have one son, Ernest, 37, who was a chemist with Inco for eight years before moving to North Bay in 1948.



"LIFE-TIME" STOGIE

All departments of the Copper Refinery were represented at a retirement stag in the Caruso Club for George Shute, who was presented with a wrist watch and a "life-time" cigar. George is shown getting a light for his stogie from Norman Arbour; Joe Bischoff holds the presentation watch.

Bat Boys Decide Who Was the Best

(Continued from Page 11)

thing that helped us was Maurice Kinkley taking over the coaching job. You can't beat him."

BILL DOHERTY, 19: "I've been with the Copper Cliff Redmen for four years now but I have never seen a team with as much spirit and fight as this one. We have some darn good ball players but I think it was the teams' spirit that lifted us into second place. We had the best pitching staff in the league, though, with Moose McQuarrie and Clem Hebert. Andy Milne helped a lot with his five home runs and Jerry Wallace was just as good as always at second base. I pick Jerry as the league's best coach, too. In my opinion, Creighton was the best team in the league and Coniston and Garson were not far behind. I have to rate Copper Cliff in fourth place although this is going to hurt me. Garson owes a lot to Ev Staples — without him they wouldn't be as far as they are."

WORLD SERIES NOTICE

Notice on staff bulletin board:

"All requests for time off on account of headaches, bad colds, funerals, etc., must be made to the manager by noon on the day before the game."

SNAPSHOTS

OF LIFE WITH INCO



On his retirement on Inco pension at Port Colborne, where he was a member of the security guard, popular Barney McGrath receives a gift from his co-workers, presented by Asst. Superintendent W. J. Freeman.



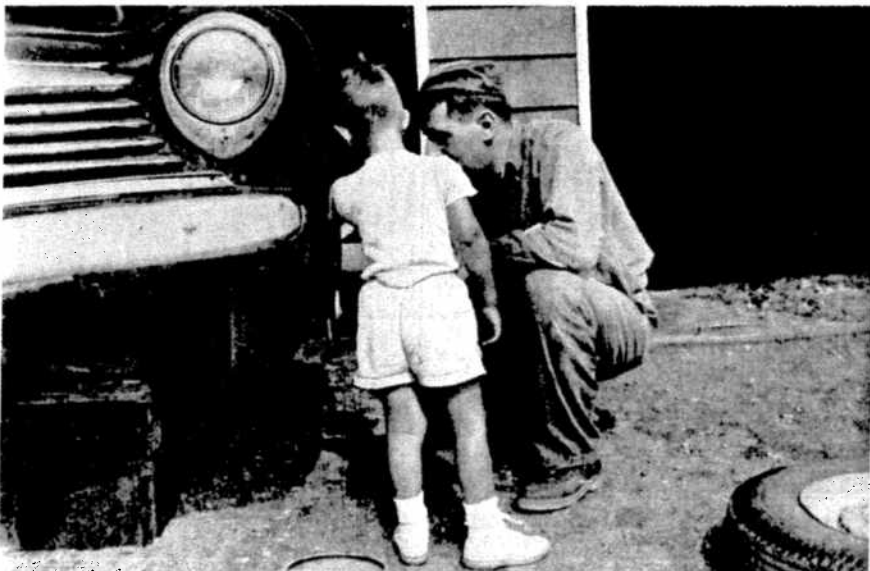
Paul Groote, of No. 3 time office in Copper Cliff, gets his Sharpee ship-shaped for a sale on Lake Ramsay on a breezy Saturday morning last month. He is seen tightening the main-sail to the mast. The boat is designed for racing and was brought from Holland by Paul two years ago. It is listed in official racing circles as an international 12 square meter class. A keen sailing fan, Paul raced the craft in Holland regattas for four years before coming to Canada.



These three young ladies were so busy playing with their dolls when the Triangle camera approached that they didn't even look up to see the "birdie". They are, from left to right, Anne Scanlon, 6, Jessica Stoneman, 5, and Susan Acheson, 4.



This scene is a familiar one to the boys in Copper Cliff smelter during the summer. It shows a group of tourists looking on as tapper's helper Francis Hannah buds up No. 1 furnace in the nickel reverberatory department. This season more than 5,000 visitors have taken the tour of the smelter. They came from every province in Canada, the United States, England, Scotland, Holland and Australia.



When Harold Cameron of Lively (Creighton Mill) went to work on his car during his day off, he got some expert help from 4-year-old son Allison. Here "Pop" and Allison are deep in conference over installing some new tie-rod ends.