INCO TRIANGLE

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Inco's Beauty Parlor

(STORY ON PAGE 2)

INCO TRIANGLE

Published for all employees of The International Nickel Company of Canada, Limited.
Don M. Dunbar, Editor
EDITORIAL OFFICE COPPER CLIFF, ONT.

40,000 Annuals Ready to Plant

THE FRONT COVER

The scene is the Inco greenhouse at Copper Cliff, where the beauty which brightens the grounds around Company buildings in the district with a riot of color during the summer months is nursed from seed.

Every spring, commencing about March 1, 40,000 annual bedding plants get their start here. The seed is planted in shallow boxes, two inches deep, in a mixture of sand and leaf mould for good germination, and the greenhouse is held at a temperature of 65 degrees. Then the seedlings are all transplanted by hand to boxes four inches deep in which is a soil mixed to the following ratio: 3 loads of loam, 1 load of sand, 4 yards of manure, 2 bags of lime, and 1 bag of fertilizer. The soil is doused with boiling water to knock out weeds. The flats containing the transplanted seedlings are moved to the outdoor frames beside the greenhouse for hardening off, and are ready for all kinds of weather when planting starts at the end of May.

Up to 60 different varieties of flowers are grown, including snapdragon, petunias, Canna lilies, salpiglossis, schizanthesus, larkspur, alyssum, lebolia, marigolds, calendula, scabiosa. They are planted in the park at Copper Cliff, around the employees' clubs in the Company towns, around the buildings at the mines and the power plants.

In the background in the cover picture is Bob Grigor, the green-thumbed genius of the garden who is in his 20th year with Inco's agricultural department. As a young policeman back in Aberdeen his hobby was horticulture, at which he became so proficient that for three successive years he held the championship of Scotland at growing flowers and vegetables.

C. D. Ferguson, chief of the agricultural department, states that some 4,000 trees and shrubs will be planted in Inco towns this year, some by the Company and the balance by householders eager to beautify their home grounds.

Phone Numbers of Medical Centre

The telephone numbers of the Inco Medical Centre in Sudbury are:

Day
37164

Nights after 6.00 o'clock
Sundays and Holidays
37166

Why not clip out this notice and paste it in your telephone book?

Your education never stops. You're always learning. Reserve judgment on your fellow man. Look for the best in everybody but don't allow first impressions to sway you. — Branch Rickey

CELEBRATE GOLDEN WEDDINGS

One of the pleasures denied the Triangle by space limitations is reporting wedding anniversary parties. We have decided, however, that henceforth we will publish brief accounts of golden wedding anniversaries celebrated by Inco pensioners, and will appreciate receiving notification in advance of these truly wonderful occasions. To start off this new feature, we salute three couples who recently completed 50 years of married life:

MR. AND MRS. WILLIAM PARKER, who were married at Nairn Centre by Rev. Fr. H. Perron on November 12, 1903. Mr. Parker was born in England and his wife in Chapeau, P.Q. He was employed at Inco's High Falls plant for 33 years before his retirement in 1939. Of their six children, five are living: Irene of Detroit, Clifford and William of Sudbury, Mrs. W. J. Dawson of Riverside, Ont., and Mrs. James Wallace of Sudbury. Their youngest daughter, Kathleen (Sister St. Kenneth) died in 1936. Their home at 155 Riverside Drive was crowded with relatives, friends and well-wishers for their golden wedding party.

MR. AND MRS. THOMAS HOOD were married in England half a century ago. Mr. Hood was employed at both Copper Cliff and Coniston Smelters before retiring on Inco pension. Their golden wedding party at their home in Coniston was attended by their three sons and four daughters, Bill of Hamilton, Robin and Fred of Coniston, Jack of Garson, Mrs. P. Duncan and Mrs. J. Hugli of Coniston, and Mrs. P. Rainville of Sudbury, as well as by a large gathering of old friends.

MR. AND MRS. WILLIAM BLUEMAN, who said their marriage vows 50 years ago before Rev. H. Moore at the Methodist Church in Copper Cliff. Mr. Blueman worked in Copper Cliff Smelter prior to his retirement. A native of Manitoulin Island, he came to Sudbury in 1898. His wife was born in Cobden, Ont., and came to Sudbury two years before her marriage. Their family, Harold, George, Pat, Vera and Wesley, helped arrange the reception and party which was attended by a host of friends at the family home, 307 Long Lake Rd.

INCO FAMILY ALBUM

With Spring in the air and spirits on the wing after the long winter, smiles seemed to be a little more spontaneous as the Triangle camera made its rounds for this month's album. Here we have: (1) Mr. and Mrs. Larry Arsenault (Frood-Stobie) with Anita Marie, 9 weeks. (2) Mr. and Mrs. Arthur Moles (Copper Cliff Smelter) with Ron, 15, Richard, 9, and Eric, 21 months. (3) Mr. and Mrs. Sandy MacNeill (Inco Police) with Sheila Anne, 2½, Peggy, 12, and Freddie, 14. (4) Mr. and Mrs. Cecil Goodward (Creighton Mine) with Sharon, 9, and Billie, 3½. (5) Mr. and Mrs. H. N. Goodspeed (Levack Mine) with Dale, 2½, and Wesley, 11. (6) Mr. and Mrs. Alex Zahavich (Port Colborne) with Shirley Ann, 3½, and Ted, 2. (7) Mr. and Mrs. W. Johnson (Coniston Smelter) with Norman, 21, Sterling, 19, and Graeme, 17.

Mother Inco is One of Canada's Best Shoppers

Mother Inco goes to market every working day of the year.

She is one of the best customers in all Canada and the tradesmen rub their hands in undisguised delight when she approaches their stalls.

Her shopping list is made up from about 25,000 different items which she must keep on the cupboard shelves in substantial supply to satisfy her large and lusty family of mines, mills, smelters and refineries.

Last year she spent many millions of dollars for supplies for her Mining, Smelting, and Copper Refining Divisions.

She bought everything from tacks to turbines, from flash light bulbs to 275-ton mine hoists, from rose bushes to fire engines, from canoes to tractors.

Among many other things she bought:

283,000 bags of cement and 60,000 yards of gravel,

30,000 tons of steel for drill steel, punch bars, grinding rods and balls,

545,000 tons of coal and 120,000 tons of furnace coke,

10,000 carats a month of industrial diamonds for drill bits,

600,000 feet of wire rope for small slushers,

39,000,000 feet, or 1,500 carloads of Ontario and British Columbia lumber and timber,

$540,000 worth of electric wire and cable,

384 carloads of explosives,

$653,000 worth of rubber belts and hose,

7,000 kegs of nails, enough for 18 carloads,

11,000,000 gallons of fuel oil,

18,000 pair of safety boots to be resold to her employees at cost,

350 carloads of refractories,

7,000 bearings,

12 carloads of welding rods.

Mother Inco's staff of buyers must have a detailed knowledge of all phases of her operations. When they place purchase orders they make every effort to select the equipment and material most suited for the purpose intended, always bearing in mind the advantages of standardizing on the use of similar machines and products at the different plants. To accomplish this they have the fullest co-operation of the research, efficiency and engineering departments as well as the operating departments who use the material and service the equipment.

Efficiency departments at the different plants are constantly making studies and running actual tests with competitive goods, and their findings are used as a guide by the purchasing department when placing orders.

The buyers must also keep on top of new developments in engineering and manufacturing so that the Company may have the benefit of the most modern equipment and materials obtainable. They must know their price tags, too, because even a small difference in cost can add up to a lot of money when ordering in such tremendous quantities.

Requisitions for the purchase of equipment and material for construction purposes or special jobs are issued by the engineering departments, and requisitions for all other material and operating supplies are issued either by the operating department requiring them or by one of the stores sections. All these requisitions are funnelled into the purchasing department.

Last year the purchasing department at Copper Cliff, which buys material and supplies for the Mining, Smelting and Copper Refining Divisions, processed upwards of 23,000 purchase orders, many of them two or three solid pages of items.

In the picture layout on the opposite page we take a look at the people who have charge of this most important phase of the Company's activities:

1. Here are five of the buyers: standing, Aubrey Mills; around the desks, clockwise from the lower left, Jack Holtby, George Watson, Maurice LaPlante, Omer Boucher. To streamline their work they divide their buying into sections which they alternate in handling; for instance one man takes steel and lumber, another has mining and smelting machinery, another electrical materials, another castings, lubricants and refractories, another miscellaneous hardware, and so on. They have thousands of catalogues on file to which they refer constantly.

2. Waverley Tyers, assistant purchasing agent, and Roy Bain, another of the buyers, hard at it.

3. Mac Forsythe, general purchasing agent, and his assistant, Bill Thorpe, study a requisition from the mines department. In the course of a year the purchasing agents receive 3,000 visits from sales representatives of a tremendous variety of manufacturers and suppliers. They send and receive something like 1,200 telegrams a month, spend hours in telephone conversations.

4. Of the 10,000 pieces of mail which come to the general offices at Copper Cliff each month, 75% are addressed to the purchasing department. The big chore of sorting this mail, checking invoices against purchase orders, and filing is handled by four clerks, left to right, Jane McKay, Corinne Forsyth, Connie Rogers, and Phyllis Whiters. Since the picture was taken Miss Rogers has resigned, and will become the bride of buyer George Watson on May 23. Her place has been taken by Lorraine Brydt.

5. Louis McClellan, purchasing agent, is a veteran member of the department. Here he signs a batch of purchase orders.

6. This trio takes care of all the stenographic work for the department, and that covers a multitude of typing: Joyce Netzke, Milda Snowden, Jean Wiseman.

7. As superintendent of stores, C. C. Chapman supervises the activities of the purchasing department and also the big warehouses at the various mines and plants, correlating the work so that supply is always ahead of demand. He has been with Inco 38 years, longest service record in the purchasing department since W. T. Waterbury moved up from the post of general purchasing agent to become assistant to the vice-president.

Mother Inco's marketing affects the lives of thousands of Canadians apart from her own employees. She is known as a wise and careful shopper, and her integrity is unquestioned. This fine reputation she owes in large measure to the personnel of her purchasing department.

ROY BEATTY WINS THE BENARD TROPHY FOR BIG LAKE TROUT

To Roy Beatty of Sudbury, a well-known fisherman who has frequently won awards for his prowess with rod and line, went the top prize in the 1953 competitions of the Copper Cliff Rod and Gun Club, the Fred Benard Shield.

This trophy is presented annually for the fish which has the highest percentage of the weight of the recognized world's champion catch in its class. The big lake trout which Roy caught last summer in Lake Huron weighed 22 lbs. 5 oz., or 35.4% of the world's record lake trout which weighed 63 lbs.

At the Rod and Gun Club's annual smoker in the Italian Hall, Roy was presented by Mayor W. T. Waterbury with the Benard Shield and a landing net.

Photographed above are some of the club's prize-winners: left to right, Bill Bray (first prize for chain cigar-smoking), Aldo Desanti (first prize for smallmouth bass, 4 lbs. 8 oz.), Roy Beatty, Gino Campini (first prize for pickerel, 7 lbs. 4 oz.), Basil O'Brien (first prize for speckled trout, 4 lbs. 12 oz.), Ed Beatty (second prize for speckled trout), George Appleby (second prize for lake trout).

Guest speaker at the well-attended smoker was Dr. F. A. Urquhart, director of the Royal Ontario Museum and a staff member of the University of Toronto, who delivered a very interesting account of the work of the museum and its relation to conservation. Harold Borland, president of the club, was in the chair.

POPULAR PROGRAM

Levack Employees Club was packed to capacity April 4 for the Talent Night staged under the direction of Lloyd Davis with Norm McGillvray as master of ceremonies and two special guest attractions, the Sudbury Barber Shop Chorus and Herb Pauls with his two daughters, Shirley and June.

A particularly fine assortment of local talent made up the balance of the long and greatly appreciated program, including a piano solo by Paul Ellis, who distinguished himself at the recent Music Festival in Sudbury. He played "Andante Rondo Capriciosa" by Mendelssohn.

We promise according to our hopes, and we perform according to our fears. — La Rochefoucauld.

Lady Curlers Collect Their Loot for the Season

Presentation of trophies and prizes, during a dinner party at Sudbury's swank Granite Club, concluded another very successful season for the Copper Cliff Ladies' Curling Club. The president, Mrs. Gordon Telford, briefly reviewed activities and thanked the members for their co-operation and assistance. Pictures show: LEFT, the victorious team in the Robert Brown event, Mrs. Pat Ogilvie (skip), Mrs. Archie Dimmick, Doug Walker, who made the presentation, Mrs. A. Pevato, and Mrs. Wally Flowers; RIGHT, the winning team in the Canadian Legion event, Mrs. George Burns, Mrs. Ted Wilson (skip), Mrs. Tom Meehan; absent, Mrs. Walter Johnstone.

In the photographs above are: LEFT, the winners of the Junior Round Robin, Mrs. Bill McCartney, Mrs. A. Pevato, and Mrs. Charlie Young; not shown, the skip, Mrs. Richard Sheridan; RIGHT, the team which copped the Jessup trophy, Mrs. Jack Fitzgerald, Mrs. Wilfred Burchill (skip), Bill Jessup, the donor, and Mrs. Eddie Saville; not shown, Mrs. J. G. Pappin. BELOW: Omer Racicot presents the Racicot-Darrach trophy to Mrs. Jim Currie, Mrs. Bill McCartney, Mrs. P. J. Fitzgerald, and Mrs. Wilfred Burchill (skip).

Senior Baseball to Start on May 24th

Sunday afternoon, May 24, will see the opening of the 1953 Nickel Belt senior baseball league with Coniston Red Sox, the champions, facing Copper Cliff Redmen, the runners-up, at Queen's Athletic Field in a renewal of their thrilling 1952 playoff series.

Six teams will play the schedule this year, Coniston, Copper Cliff, Frood, Creighton, Garson and Shamrocks. It has been announced that admission prices at Queen's Athletic Field will be cut from 60 to 50 cents, and that the ball clubs will get a 65-35 split of the gate at week-night games from the parks commission. The league will have Tuesday, Thursday and Friday evenings for games under the lights, and a large share of the Sundays for afternoon fixtures.

Members of the league protest committee will be President George Collins, Harry Towns (a newly elected honorary life member of the Nickel Belt Baseball Association after 20 years of ardent service to the cause), Chester McConkey, Charlie Roffey, and Rodger Mitchell.

Big Banquet for Andy Halverson

Yardmaster in charge of transportation at Coniston since April 1, 1930, and a conductor for 12 years before that, Andy Halverson retired on Inco service pension May 1 with the enviable record of 37 years and one month with the Company.

At a largely attended banquet at the Italian Hall in Coniston April 30 he was honored by his friends and associates and presented with a wrist watch, suitably inscribed. The presentation was made by an old friend, R. A. Elliott, former superintendent of Inco transportation, himself now a pensioner and mayor of Lively. Andy's substantial contribution to the success of the nickel industry was gratefully acknowledged on behalf of the Company by R. H. Waddington, assistant to the vice-president. Master of ceremonies was J. C. MacKinnon, superintendent of transportation.

Before he came to Coniston to sign on with Mond Nickel Co. on May 18, 1916, Andy had worked for the George Gordon Lumber Co. at Cache Bay, now an Inco subsidiary. He started at Coniston on the furnaces but two months later was transferred to transportation.

He was married in his home town of Wolf Lake, P.Q., 40 years ago to Rosalie Jolicoeur, and of this happy union seven children were born: Andy, Dick, George and Joe of Coniston, Earl of Toronto, Margaret (Mrs. Johnny Doherty) of Smith's Falls, and Helen (Mrs. Edgar Donnelly) of Oshawa. They have 12 grandchildren, all but two of whom were present with their parents for a grand family

MR. AND MRS. A. HALVERSON

reunion on Andy's 65th birthday, April 3. The surprise gathering was the thrill of a lifetime for Andy and Mrs. Halverson; it was the first time the family had all been together since George, who served with the RCAF overseas in World War II and was a prisoner-of-war in Germany for 22 months, returned home. Dad was presented with a rocker-type chair and Mother with an armful of roses.

Mr. and Mrs. Halverson have left for Wolf Lake for their summer place, which they will remodel into a permanent home. They carry with them the best wishes of the wide circle of friends and acquaintances who have long held them in the highest esteem.

SURE ENOUGH!

Those who said they thought "Sac" Crandall's "retirement" would probably last about two weeks were apparently close to the mark. The word from California is that Inco's former chief engineer bought a fine home in Belmont and promptly got busy changing the garage into a third bedroom, the breezeway into a workshop, and a piece of innocent open ground into a car-port.

They Had a Wonderful Trip

In the fifth annual tour arranged by the principal, Miss Ursula Black, the senior class of Creighton Public School had a most enjoyable and instructive trip to Ottawa April 22-25.

Highlights of their itinerary were visits to the George Gordon Lumber Co. at Cache Bay, Abitibi Pulp and Paper Co. at Sturgeon Falls, Des Joachims power development, the federal parliament buildings, the Royal Mint, the War Archives, the museums and the Experimental Farm. They had dinner in the parliamentary dining room as guests of J. Leo Gauthier, M.P., saw an Allan Cup playoff game between Kitchener and Smith's Falls, and were royally treated at the Lord Elgin Hotel by Mein Host Carl DeMorest, formerly of Sudbury.

Prearranged tours of the RCAF station at North Bay and the Canadian Army establishment at Petawawa had to be abandoned on account of bus trouble.

To raise money for their trip the students staged tag days, a bazaar, tea, card parties etc., realizing a total of $1,154.00 from their efforts. Three generous donations added to their exchequer.

Similar tours are being taken this year by the senior students of Levack, Coniston and Lively public schools, with funds raised by the boys and girls themselves during the winter months.

In charge of the Creighton group along with Miss Black were Mrs. L. McLean and Mrs. V. Trembley. The students are seen in the above photograph:

Ted Ledingham, Bob Wallace, Earl Waytowich, Donald Pierini, Ken Jones, Eddie Treflak, Pat Quinn, Sandy McLean, Larry O'Connor, Jerry Syvokis, Frank Mynerich, George Stanley, Michael Waine, Suzanne Seguin, Mildred Dowdall, Dick Pentney, Wendy Drennan, Rose Mary Aiello, Dennis McLauchlin, Daphne Innes, Allan Massey, Marlene Moore, Pat Mumford, June Jonasan, Anita Cayen, Teresa Coyle, Therese LeBreton, Marilyn Boyer, Shirleen Newton, Ronnie Rheault, Helen Yawney, Rose Mary Davidson, Audrey Loupelle, Sandra Shamchuk, Elvi Ikonen, Sam Waytowich, John Brownlee.

Everyone Has A Stake in This

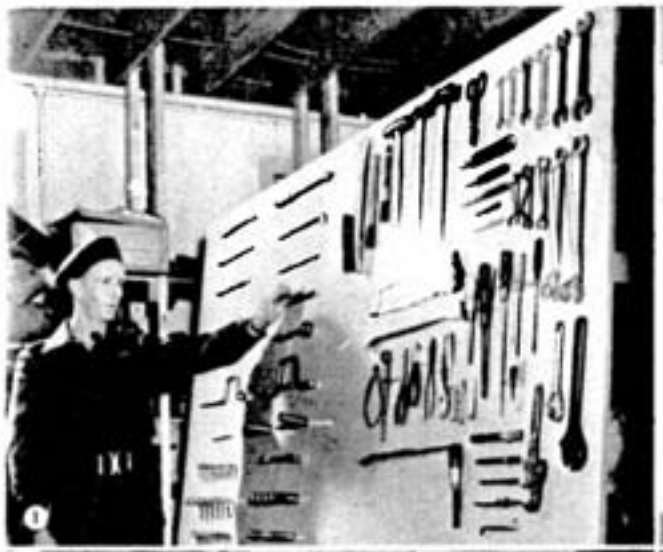
Every Canadian citizen owns 45 acres of forest. All told, the ownership covers a million square miles. Your monthly paycheque, whatever your job, carries a forest-dividend. Not as big a dividend as your children will draw, but still pretty satisfactory.

The world is bidding for Canada's forest products. Each year we respond with new industries, new towns, new forces of well-paid workmen. There's no end to this process, as long as the forests are kept evergreen and evergrowing. That's the criterion: How secure are the harvest-fields of timber this year, and during all time to come?

Don't blame the lumberjack, or the pulp and paper industry! They cut mature trees, to enrich Canada through thousands of products and a vast army of wage-earners. The real culprit in forest-stripping and desert-making is the "flame-thrower" — the careless camper, motorist, sportsman, the settler, the road worker and others who take from the forest all it can give and then reduce it to a smoking shambles. When forests burn, everybody loses.

Most Canadians are conscientious guardians of woods, waters, and wildlife. But each year **4,000 others** set the country blazing and desecrate two million acres. They incinerate 350 million young trees that Mother Nature herself planted as a future endowment for the children of Canada.

The first stage in "Conservation" is to wipe out the fire plague. Fire thrives by human recklessness. It can be throttled by human vigilance.




NOTICE BOARD
33 TECHNICAL SQUADRON RCEME(R)

REME Fine Opportunity for Technical and Military Training

A Sudbury young fellow, 17½ years or more, who wants to broaden his mechanical knowledge and at the same time equip himself for military service to his country, should step around to the St. Clair St. Armories on a Monday or Thursday evening and see what goes on there. It'll be an eye-opener for him.

Mondays and Thursdays are parade nights for 33rd Technical Squadron, Royal Canadian Electrical and Mechanical Engineers, known for purposes of brevity by the British designation of REME.

This reserve unit, which reverted to peacetime status following World War II after having been organized in May of 1947 as the 25th Medium Workshop, offers a wonderful opportunity for both technical and military training. Its ranks are made up of such tradesmen as fitters, welders, electricians, machinists, auto mechanics (both diesel and internal combustion), body repair men, etc., about 80% of whom are employed regularly in the shops of Inco mines and plants of the district.

REME's military mission is to repair and maintain all vehicles, guns, and wireless equipment used by other units of the army. To train for this responsibility its large armories are furnished by the Department of National Defence with a wide range of mechanical equipment, with which all its men become familiar. When it goes to its annual one-week camp at Barriefield in July it takes all its vehicles along. It holds frequent week-end schemes in the district during the summer months to train its drivers and to practice the recovery of ditched vehicles.

It has a trumpet and drum band of 20 pieces under the leadership of Sgt. Floyd Schmidt. On the social side it makes a feature of the regular Saturday night party in the sergeants' mess, to which all non-commissioned officers and their friends are invited.

The accompanying picture layout gives an idea of the variety of activity a visitor to REME may find on any parade night:

1. Fine tools such as inside and outside micrometers and calipers, and complete kits for fitters, are part of the unit's equipment, which is as complete as that of any modern garage. Sgt. Rose is seen here in the technical stores and tool room, which is his particular domain.

2. One of three members of the CWAC reserve attached to the unit to take care of orderly room routine, Sgt. Simon is posting daily unit orders here.

3. Two of the unit's vehicle troop, Sgt. Fred Boscariol and Cfn. Ransom, are examining the motor of the huge machine lorry.

4. Wheel mechanics of the vehicle troop here listen to an explanation of the setup of a new motor they are about to instal in the 60-cwt. truck. The instructor is WO2 Norm Gifford; the others are Sgt. Rose, Cfn. Reitz, S Sgt. Chapman, and Sgt. Sloan.

5. S/Sgt. Closs (right) is discussing the use of the bench shaper with two officer cadets, J. Coward and R. Bryant.

6. The unit's recovery vehicle for breakdown towing, the largest piece of mobile equipment of this nature in Northern Ontario, has a lifting capacity of 40 tons on its twin booms and carries 250 feet of cable plus snatch blocks. In this picture the splicing of the booms for a double lift is being taught to the recovery troop by S/Sgt. Joly. In his class are Cfn. Regelous, Cpl. Kontturi, Sgt. Denomme, and Cpl. Bourcier.

7. A travelling machine shop, installed in a lorry and equipped for emergency repairs on the road, captures the interest of any visitor to REME. It contains a metal turning lathe, brake banding machine, drill press, grinders, and a chore horse motor for charging batteries. This particular piece of specialized equipment was brought back from Holland at the end of World War II. Visible at work inside it are Sgt. W. Campbell, Sgt. Bush, and Cfn. Wasylenki.

8. The vehicle troop instructor, motorcycle section, S Sgt. Scott (second from right)

(Continued on Page 16)

Fly-Up and Presentations for Lively Brownies

Present Tribute to Queen Elizabeth

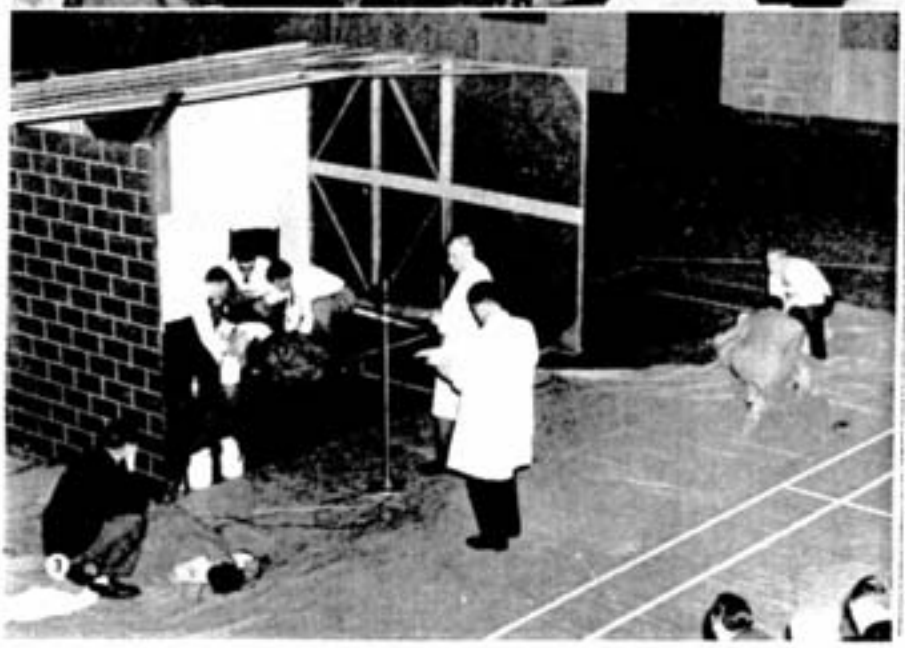
A badge presentation and fly-up ceremony made it a mighty important night April 15 for 1st Lively Brownie Pack, under the leadership of Brown Owl Ethel Diebel. The three Brownies who participated in the fly-up to Girl Guides were Roberta Dennison, Sandra Nelson, and Joanne Welsh. In the badge presentations 32 service stars, 28 golden bars, four golden hands and three pairs of wings were awarded.

In the photograph above, sitting in their Fairy Ring around the toadstool, are the Lively Brownies. Starting at the lower left with Marion Frizelle (in light blouse, facing camera) and reading around the circle, they are: Carol Yawney, Doris Gagnon, Sandra Sandberg, Eileen Mahon, Jacqueline Gray, Brenda LaBrash, Barbara See, Tawny Owl Irene Meadon, Bonnie Simes, Margaret Bohn, Rosemary McDonald, Barbara Hutton, Carol Mulligan, Margaret Godin, Gail Korpinen, Shirley Wilkie, Lorraine Hayes, Packee Mary Lou Hillen, Arlene Kinkley, Sylvia Butler, Sandra Nelson, Joanne Welsh, Roberta Dennison, Brown Owl Ethel Diebel, Tawny Owl Dorothy Strasser, Avis Loupelle, Margaret Lampi, Judy Turner, Beverley Frizelle, Margaret Byrnes, Paulette LaPlante, Lorraine Brooks, Giselle Beauschene, Sharon Thompson, Patsy McFarlane, Joanne Williams, Caroline Young, Judy Tait, Margaret Whiting, Sally Anne Deacon, Marlene Schriml.

To make their Coronation tribute to Queen Elizabeth the Lively Brownies used the proceeds of a candy sale to purchase a picture for the ladies' sitting room of the new Home for the Aged in Sudbury. Mayor Dan Jessup was present to receive it on behalf of the board of Pioneer Manor.

Coronation emblems were presented to the Brownies by the divisional commisioner, Mrs. D. H. Forster, who warmly congratulated the pack on their enthusiasm and activity. In the second photograph Margaret Byrnes is receiving her special emblem from the commissioner; the other Brownies shown are Joanne Williams, Margaret Bohn, Margaret Lampi and Sally Anne Deacon, and in the background are Tawny Owl Irene Meaden, Brown Owl B. Forsythe of Copper Cliff, Mayor Jessup, and Tawny Owl Dorothy Strasser.

Mrs. D. J. Dixon, district commissioner for Creighton-Lively, and the 2nd Lively Girl Guide Company and their leaders, Capt. M. Kerr and Lieut. V. Pitchell, were guests for the evening as also were Capt. L. Pollock and Lieut. M. Welsh of 1st Lively Girl Guides and Brown Owl M. Denny of Creighton.



All-Plants Title For First Aid To Copper Cliff

With as convincing a display of St. John's Ambulance know-how as has been seen in the 17 years of competition for the Ralph D. Parker Shield, a Copper Cliff Smelter team smoothly and smartly captained by P. Duffy won the Inco inter-plant First Aid championship for 1953.

At that the Cliff team hadn't such a wide margin on the other finalist lineup, the strong Frood-Stobie entry led by fast-thinking Bud Fisher and composed of Pat Hamilton, Russ Armstrong, George Sleeman, Weir Stringer (spare) and W. Gaylor (coach).

The arch-tormenter of First Aid teams, Tom Crowther of the Safety Department, schemed up a particularly tricky test for the final match. No less than three patients, suffering from a bewildering assortment of injuries as the result of an explosion on a building project, were uncovered in the course of the problem. The efficient way in which both teams went about the business of diagnosing and treating the three patients won the unalloyed admiration and enthusiastic applause of the large audience.

First of the accompanying photographs shows Asst. Vice-President Ralph Parker presenting his shield to the Copper Cliff team: P. Duffy, (captain), L. Shore, J. Babin, J. Clarke, E. Bosnick (spare), and Manley Bennett (coach). The other pictures show the Cliff and Frood-Stobie teams in action, closely observed by the two judges, Dr. H. F. Mowat, chief surgeon of Inco, and Dr. J. H. Stanyon.

A total of 165 teams made up of 1,000 men took part in the 1953 First Aid contests, Mr. Parker said in his brief remarks; he stated that the Company takes great pride in the fact that more than 2,400 of its employees are fully trained in First Aid.

RAISED THE ROOF

Jack "Know what the ceiling said to the four walls?"

Harry: "Nope."

Jack: "Hold me up, boys, I'm plastered!"

150 Attended the Plate Shop Ball At Caruso Club

Good music, good food, and a good crowd of friendly people made the second annual Plate Shop Ball, held at the Caruso Club by the men of the plate shop at Copper Cliff, a heck of a good party. A total of 75 couples attended.

The accompanying pictures were taken just as festivities were getting underway, and show:

1. On the left, Albert Merrifield, Miss Yolande Roy, Mr. and Mrs. Buster Irving; on the right, Mr. and Mrs. Gethroe Thompson and Mr. and Mrs. Keith Thompson.

2. On the left, Mr. and Mrs. Bernie Lind, Mr. and Mrs. Leo Bassinette; on the right, Mr. and Mrs. Gene Lind and Mr. and Mrs. Bob Alexander.

3. On the left, Mr. and Mrs. Andrew Chop, Mr. and Mrs. Sam Semanuik; on the right, Steve Hawryluk, Miss Edna Mash, Mr. and Mrs. Art Bouchard.

4. The master of ceremonies, Earl Downey, takes over the mike.

5. Pat Grassi (seated), secretary of the affair, checks some details with a fellow committee-man, Bob Kelly, who is accompanied by his wife. Other members of the committee which handled preparations for the successful event were Buster Irvine and Albert Merrifield.

Tremendous Effort By Gatchell Midgets

Sudbury and District hockey fans, who saw some pretty classy hockey as their Wolves howled at the door of the Canadian senior championship, nevertheless were electrified by the showing of a bunch of youngsters from Gatchell who put up a tremendous fight against the powerful Toronto Marlboros in the finals of the provincial midget hockey championship.

Although the Marlies took the all-Ontario decision in the rugged two-game series at Sudbury, Gordie Buckman's Gatchell midgets made such an impression in the first match that more than 2,700 fans turned out to the second "go" to holler themselves hoarse in support of the game local youngsters.

Led by tricky little Delky Dozzi, who was a standout all season along with Moe Bartoli and Carl Nurmi, the Gatchell kids beat Coniston for the Sudbury and District championship and the Frood Athletic Trophy. They crushed the Soo midgets in a sudden-death game, scoring more goals against the Soo netminder than he had let in all the rest of the season, and they took the measure of Rouyn in a best-of-three series.

ACCIDENT PENALTY

The Printed Word points out a valuable contribution the newspapers make toward discouraging people from having accidents:

"They do this by printing the ages of the people who have them. If Helen Glunk is run over she comes before the public and — what's worse — before those who know her, as Helen Glunk, 41. An accident is just about the only time her age will dog her like this; she can get married or organize the Floral Society Annual Chicken Pie Sociable without her age's dogging her, but having an accident isn't safe."

Did you hear about the new perfume that drives women mad? It smells like money.

Dar Storey Three-Trophy Winner at Levack

It was "the same old Storey" three times when Levack Curling Club members assembled for their first annual presentation of prizes. Dar Storey was the skip of no less than three of the championship rinks receiving trophies, a record which will probably stand for all time in the club.

In the first of the above pictures Superintendent Frank McAteer is presenting the H. J. Mutz trophy to the Storey lineup that won the Plant Bonspiel, left to right, E. Wrixon (second), J. Hatch (vice), and skip Storey. Not shown is E. Hilton (lead). In No. 2 Frank Palumbo, the popular president of the club, awards his trophy to, left to right, W. Lord (lead), R. Ludgate (second), W. Bilows (vice) and Skip Storey.

In the third photograph W. Bell, vice-president of the club, presents the Rolmac trophy to, left to right, J. Mazur (vice), E. Kauppinen (second), A. Hague (lead), and Skip Storey. In the fourth group, receiving the Dr. H. F. Mowat trophy from Dr. W. B. Gibson, are D. Wright (lead), S. Girouard, (second), E. Shank (vice), and Skip Vic Romagna. In the picture at the right Vice-Skip Bill Bilows receives the Fera Memorial trophy from A. Loney, member of the club executive; other members of his team, unable to attend, were G. Thrall (skip), F. Dolci (second), and E. Mallette (lead).

The well-attended wind-up of the season, held in the curling rink, was topped off by a hearty lunch over which the boys replayed a few memorable ends and talked happily of the excellent position in which the club found itself at the close of a remarkably successful first year.

WAS A MINER FOR 38 YEARS

After almost 38 years of credited service as a miner, Bill Kraznozonyk has traded his hard hat for a fedora and will spend the rest of his days taking it easy.

Born in Austria, Bill came to Canada in May of 1914 and soon enrolled with Mond Nickel Co. at their Worthington Mine. He was one of those who rode the last cage up from underground that fateful night in 1927 after Superintendent Bill Mumford had noted ominous rumblings and ordered the mine cleared; some hours later occurred the cave-in which put an end to operations at Worthington.

Bill was moved to Garson and was there for seven years before transferring to Frood, where he remained until he qualified for his service pension, which became effective May 1.

Married in 1912, Bill's wife died in 1941. He was remarried in 1945 to Mrs. B. Kozara, who has two daughters, Jean (Mrs. John Pothier) and Mary (Mrs Jim Carter), both of Sudbury.

His mates who have been working along with Bill at Frood-Stobie and admire him for his dependability as a miner, all hope he will have a long and happy retirement at his cosy home at 474 Frood Road.

MR. AND MRS. W. KRAZNOZONYK

It's easy to control your temper when the other fellow outweighs you.

Chairman Reviews Another Outstanding Year for Inco

"Nickel is one of the fundamental metals of the world and the number of places in which it can be used is limited only by our imagination and our will to seek them out."

Such is Inco's basic belief as expressed by Dr. John F. Thompson, chairman of the board, in his address to the shareholders of the Company at the 51st annual meeting held at the Royal York Hotel in Toronto on April 29.

Excerpts from Dr. Thompson's broad discussion of Inco's affairs follow:

Nineteen fifty-two was another outstanding year in the Company's history. For the third successive year we maintained production at capacity and supplied more than 75 per cent of the nickel used by the free world. In the last three years, in response to an unprecedented demand, the Company delivered a total of nearly 100,000,000 pounds more nickel than the amount which we delivered over any prior three-year period, exclusive of World War II. Our 1952 deliveries of nickel in all forms totalled 249,000,000 pounds, an increase of more than 5,000,000 pounds over 1951.

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DISTRIBUTION OF NICKEL

Distribution of nickel throughout the year was made internationally in accordance with allocations recommended by joint action of the Canadian and other member Governments of the International Materials Conference. Approximately 68 per cent of the free world's supply was allocated to the United States and over 18 per cent to the United Kingdom, Canada and other Commonwealth countries.

The needs of military programmes and defence-supporting industries and the build-up of government reserves required continuation of conservation and end-use restrictions. The consumption of nickel, therefore, did not reflect free markets.

From free-world supplies of primary nickel, which were larger in 1952 than in the previous year, significant quantities were, however, made available to the civilian economy after taking out amounts allocated for the defence programmes and making deliveries to the United States Government stockpile.

As in the recent past, the steel industries of the United States, the United Kingdom and Canada continued to consume the largest quantities of nickel. However, the defence programmes in 1952 emphasized a growing demand for non-ferrous alloys containing nickel.

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NICKEL IN AIRCRAFT

The production of military aircraft in the United States, the United Kingdom and Canada in 1952 consumed large amounts of nickel-containing alloys, including engineering alloy steels, stainless steels and complex heat-resistant, or "super", alloys.

A large quantity of the primary nickel for aircraft alloys in the United States is consumed by the steel industry, which uses it in the manufacture of special jet engine alloys, as well as in stainless steels and low alloy steels.

High nickel alloys of the Nimonic and Inconel types produced in our plants in the United Kingdom and the United States have been required in such large volume as to necessitate expansion in production facilities.

Additional nickel consumption can be foreseen in gas turbines and aircraft jet engines for other than military uses. British commercial transports equipped with jet engines, containing special alloys developed and produced by our United Kingdom subsidiaries, are now in regular scheduled airline operations. Experimental gas turbines in locomotives have been sufficiently satisfactory to justify production orders for such equipment.

Insistent need for more powerful and efficient aircraft engines has imposed on our research facilities (in Birmingham, England; Glasgow, Scotand; Bayonne, New Jersey, and Huntington, West Virginia) the task of developing heat and corrosion resisting alloys for jet engine service to operate at even higher temperatures than those now encountered. New alloys to meet these requirements have been offered to engine manufacturers for test.

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PEACE-TIME USES

Present government restrictions on end-uses of nickel for electroplating, in stainless steels and high nickel alloys, in copper-base and aluminum-base alloys and in engineering alloy steels have, except in special cases, temporarily stopped effective development of new uses. Some of our peace-time markets have been lost, but only temporarily. Some may have been permanently diminished or even permanently lost. But we will discover new fields and certain uses at present small, will be greatly expanded as the preparedness demand decreases.

The concentration on preparedness has widened the range of our experience with many alloys in many fields and under sometimes novel conditions. This accumulated knowledge and experience will be invaluable to us when nickel again may be supplied without restrictions for all peace-time requirements. They have completely confirmed the outstanding role of nickel in the modern industrial world.

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THE FUTURE FOR COPPER

Deliveries of refined copper in 1952 of 234,300,000 pounds closely approximated those of 236,900,000 pounds in the previous year. Our Canadian consumers, as in 1951, received 55 per cent of the total. The remainder continued to be marketed in the United Kingdom, the United States and Continental Europe.

With freedom of copper from all controls and the end of bulk buying in the United Kingdom, which may occur this year, our competitive position as a seller of copper should remain strong. The Company has been able to readily sell its refined copper in preferred markets, and for the most part to regular customers of long standing. The recognized quality of our metal and our capacity to produce a wide range of vertically cast special shapes will be very helpful in future competition.

Concern has been expressed that the market will be unable, in the face of increasing competition from aluminum, stainless steels and similar materials, to absorb the expected enlargement of world copper production. My experience with this type of competition is that in the long run good development and sales efforts on any one commodity tend to expand the markets for all. The developing of markets for copper in the coming years will be helped greatly by the high cost of construction, maintenance and repair, and the consequent economy resulting from the use of more permanent materials.

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WOLLASTON ANNIVERSARY

Our production of platinum and palladium, the two principal platinum group metals, as well as of rhodium, ruthenium and iridium, continued at a high level.

Deliveries of all these metals combined totalled 287,000 ounces in 1952 compared with 375,000 ounces in 1951, and 267,000 ounces in 1950.

The Company's output of platinum and palladium was sold mainly in the United States market. Since the outbreak of hostilities in Korea, Canadian platinum, as in previous emergencies, has been a mainstay in supplying United States requirements for defence and defence-supporting purposes. Large additional quantities of platinum metals are produced and sold in world markets by other free-world countries, including particularly South Africa, and also Colombia and Alaska.

This year is the 150th anniversary of the discovery of palladium by the British scientist, William Hyde Wollaston, who found this precious metal in association with native platinum. Within a few years, he and his business partner, Smithson Tennant, also discovered rhodium, iridium and osmium. Of the six platinum metals, only ruthenium escaped their notice. These discoveries were an outgrowth of Wollaston's successful effort to produce malleable platinum for commercial use without resort to melting.

Today, 150 years after its discovery, palladium is a precious metal important in both industry and the arts and we have become its principal producer. It has many uses in electrical switching apparatus, as a catalyst in chemical processes, in dentistry, and in jewelry and adornments. These established uses are being further developed and new ones discovered.

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MINING EXPANSION

The Annual Report has referred to the progress we have made during the year in various phases of our underground mining expansion programme. This programme, financed entirely out of the Company's own resources, has made possible our current annual production rate of approximately 250,000,000 pounds of refined nickel.

We have reported in recent years that the mining of our open pits was expected to be completed by the end of 1953. It has

MAKING OBSERVATION PAY

Noticing things, and then giving some serious thought to what you have noticed, is the way to make the Employees Suggestion Plan pay off handsomely. A first class example went into the book recently when J. Brady of Garson Mine collectd $231.00 for suggesting that plastic domes be used on mine trip lamps instead of glass domes, which are more expensive and have a high replacement frequency. He's seen here adjusting a locomotive controller in the Garson Mine electrical department.

now been determined that it will be practicable to mine more ore from the surface than we had previously anticipated and, therefore, the life of the pits will be somewhat extended.

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EXPLORATION

As can be noted from the Annual Report, we have approximately doubled our expenditures for exploration as compared with the previous year.

In the Sudbury Basin, where we have six operating mines and large holdings of mining lands, our exploration activities were intensified. Geological and geophysical studies have been actively pursued within the areas immediately adjacent to our operating properties and in the vicinity of other known ore occurrences. Extensive studies also have been made of other locations within the Basin where geological structures and information justified further exploration or diamond drilling.

Added to these activities has been the work undertaken in the Northwest Territories on the exploration concession which we received from the Canadian Government in 1951, and referred to in our Annual Report of that year. Due to the remoteness of this area, exploration is both difficult and expensive. For example, it has been necessary to establish permanent winterized camps and to replace the conventional methods of ground transportation with thoroughly reliable air transportation.

You have probably seen references in the press to our work at Mystery Lake in northern Manitoba. This investigation is still in the preliminary stages and all that has been determined is the presence of a large low-grade nickel deposit, non-commercial under present conditions. Exploration is being actively pursued to determine the extent of the deposit and to search for possible enrichment of ore grades.

We must continue to make heavy expenditures for exploration in order that the huge tonnages of ore which are being consumed each year by our operations may continue to be replaced.

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PLANT OPERATIONS

With the continuation of peak demand for nickel, our smelters at Copper Cliff and Coniston, Ontario, and our refineries at Copper Cliff and Port Colborne, and Clydach, Wales, operated continuously throughout the year so as to maintain the Company's production at full capacity.

Two important process developments at Copper Cliff — the recovery of nickel and iron ore from nickeliferous pyrrhotite and the oxygen flash smelting of copper concentrates — were referred to in the Annual Report. The oxygen flash smelting project has already reached the point where by-product liquid sulphur dioxide is being delivered to the Canadian trade. The pyrrhotite process has been carefully tested by pilot plant procedures and we are now taking the steps necessary for designing a first production unit.

As a result of major alterations completed during the year, the operating efficiency of our nickel refinery at Clydach has been greatly improved. In addition, encouraging results obtained on a pilot scale have warranted the installation of a full-scale unit which is expected to result in savings in the cost of producing nickel at this refinery. The alterations in the department dealing with the recovery of cobalt and copper have been completed and this department is now in full operation, enabling the oxides and salts of these metals to be more efficiently extracted and recovered.

The capacity for production of rhodium, ruthenium and iridium at the precious metals refinery in Acton, London, has been increased by about 75 per cent. By the introduction of a new and modified process, these metals will now become available in increased quantity and of greater purity. Considerable progress was made during the year in the conservation of acids and reagents used in the refining of precious metal concentrates.

Birlec Limited, of Birmingham, England, a wholly-owned subsidiary, celebrated its twenty-fifth anniversary in 1952 with its total volume of sales at an all-time high record. This plant produces arc-type and induction melting furnaces, a wide range of industrial heating and annealing furnaces, and dryers.

With the expanded facilities mentioned at this time last year and continued high levels of demand for defence, the output of our Huntington Works in West Virginia was more than 15 per cent above that of 1951. Nickel-chromium alloy production was higher, most of which went to the aircraft industry. The volume of high nickel alloys supplied by our subsidiary, Henry Wiggin & Company, Limited, from its plants in Birmingham, England, and Glasgow, Scotland, was the largest which this company has ever recorded, with the Nimonic series of alloys, principally for the aircraft industry, figuring prominently in the total.

Operations at our Bayonne Works in New Jersey were higher than a year ago. This plant is an established source of high temperature alloys in sand cast forms and precision investment-castings for industrial and aeronautical components. Demand for welding electrodes, another important product, continued to increase. Production facilities during 1952 were enlarged to provide for current demands and also anticipated increased sales.

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DEVELOPMENT AND RESEARCH

Development and research efforts continued to be directed largely toward the problems encountered in rearmament and in the adjustments required by civilian producers faced with the necessity of using emergency alternates in place of the materials with which they have been familiar. It is interesting to note that, even in these times of prolonged restrictions on the use of metals, it has proved impracticable to satisfy many of the requirements of industry in terms of other alloys containing less nickel. Appreciable knowledge of the usefulness of nickel has been gained which, coupled with the fruits of long-term research projects, will be of great assistance in promoting future markets when conservation measures are no longer in effect.

Nickel would not now enjoy its high standing as an alloy element had we not deliberately set out to bridge the gap between pure science and industrial practices. What is learned in development and research laboratories and also in the field is assembled and made known to both scientists and industrialists through our technical service sections located in various key industrial areas in the United States and Canada, and technical information centers located in the United Kingdom, Belgium, France, Italy, Germany and five other countries. The oldest of these information centers, Centre d'Information du Nickel, of Paris, France, celebrated its twenty-fifth anniversary during the year.

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EDUCATIONAL SERVICES

The Company's educational service activities are now in their seventh year and are used by 175 universities and colleges in Canada, the United Kingdom and the United States which offer accredited courses in engineering subjects. These institutions are supplied currently with up-to-date technical information for faculties, students and libraries. Each institution has received nickel alloys for laboratory study and a comprehensive exhibit of nickel-containing materials.

The scope of this service is expanding and includes literature for 75 other degree-giving schools, including technical institutes, for science teachers in many secondary schools and for public libraries. In some institutions, special lectures and assistance in organizing courses in metallurgy have been given.

Fifteen fellowships for study in the fields of nickel, copper and the platinum metals are currently in effect in Canada, the United Kingdom and the United States.

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NICKEL A FUNDAMENTAL METAL

Each year we have endeavored to present to our shareholders a continuing picture of the Company's development and of its part in the fields of mining, refining and selling nickel, copper and the platinum metals. I think it has been apparent for many years that our basic belief has been that nickel is one of the fundamental metals of the modern world and that the number of places in which it can be used is limited only by our imagination and our will to seek them out. We still are animated by the conviction that there are many uses for nickel as yet undiscovered and that by determination and persistent effort these new uses will be found and developed profitably. Your Company is in a strong position, both in material resources and in skilled and experienced personnel, to successfully continue this task.

Won 10-Pin Bowling Championship

At the Recreation Club in Port Colborne the season's 10-pin bowling champs were the Anodes, seen above: Jack Royal, Harold Knox, Robert Dobson, Eugene "Smoogy" Kowalsky, captain, Eddie Balegh, and Carlo Martini.

George Freeland Now on Pension

Although a heart condition forced him to apply for disability pension when he was only a little more than a year short of full retirement age, George Freeland of Frood-Stobie No. 3 Shaft warehouse is assured by his doctors that he can look forward to many years of slippered ease if he'll just take good care of himself and relax 24 hours a day.

A happy Scot with studious inclinations (his favorite hobby has been reading the works of the great philosophers), George has won many friends despite the quiet tenor of his way, and they are unanimous in good wishes for his health and contentment.

It is just a little over 24 years ago that George showed up at Frood Mine one morning to take a job in the steel shop which had been promised to him by his friend and fellow Scotsman, Jack Dingwall, whom he had met on a visit to Sudbury. George, who had been working in clothing stores in Toronto and Hamilton since his arrival in Canada in 1927, was determined to make a good first impression at his new place of employment, and so was wearing his best blue suit and a pearl grey hat. He soon found out that the steel shop was no place for that sort of attire.

About a year later he was transferred to the warehouse staff and he remained there throughout his career with the Company, earning a reputation for steady and reliable service in the big task of feeding the hungry underground operations their highly varied diet of supplies.

There was a fine turnout at the retirement party they staged for George in the Oddfellows' Hall in Sudbury. Mac Forsythe, general purchasing agent of the Company, was master of ceremonies and spoke in appreciative vein of the sterling qualities of the guest of honor. Presentation of a purse of money was made by Pete Stewart.

Born at Motherwell, Scotland, on July 12, 1889, son of a contractor in a steel plant, George was a clerk in the works of the Lanarkshire Steel Co. in his home town for 24 years. During his service in World War I, in which he won the Military Medal, he was married while on leave in Dundee in 1916 to Janet Andrews. This happy partnership was broken in February of 1952 with Mrs. Freeland's death in Sudbury.

Their two daughters are Joan (Mrs. Norman Beaton) and Mary (Mrs. Garnet MacGillivray) both of Sudbury. There are four grandchildren, one girl and three boys.

Metal Painting Produces Fireworks

A regular fireworks display, as if a perpetual Roman candle had been lit, is seen as Harold Lambert builds up a shaft with stainless steel in the machine shop at the Nickel Refinery in Port Colborne. The process is known as metalizing. A stainless steel wire is drawn through a hand gun under air pressure and, melted by an oxy-acetelyne torch, is sprayed onto the shaft as it revolves in the lathe. The method is much faster than electric welding.

REME

(Continued from Page 9)

explains the ignition system of a motorcycle to Cfn. Boyce, Cfn. Leach, and Cfn. Elliott.

9. A new bench lathe, recently arrived at the armories as part of additional equipment to be installed, is set up by Cpl. Tuori, electrician, and Sgt. Abbott, mechanic.

10. Basic instruction on the Sten gun is given by Cpl. MacNeill (second from right) to new members of the unit, Cfn. Bush, Cfn. Dahlwick, Cfn. Perreault, Cfn. Allan and Cfn. Ransom.

11. This time it's a lesson on the Bren gun by Sgt. Schmidt (left) to Cfn. Bryce, Cfn. Lepage, Cfn. Clare, and Cfn. Cram.

12. Parade over and another busy night's duties discharged, this group relaxes in the comfortable officers' mess while Major D. H. Forster, MBE, ED, (left), who has been commanding officer of the unit since its inception, spins a yarn. Others are O/c R. Bryant, Lieut. G. Des Groseilliers, O/c J. Coward, Lieut. Ted Harber, Capt. Gord Machum, Lieut. Tom Pickard, and Lieut. Les Ramsay.

Art Weaver and New Diesel Loco

The holder of the longest service record among hourly rate employees, and the newest piece of equipment at the plant, are the team seen in the accompanying pictures taken at the Nickel Refinery in Port Colborne.

Art Weaver, who started with Inco back in 1918, recently climbed down from the footplate of the plant's old steam locomotive and took over the controls of a brand new diesel engine.

"She's quite capable of doing all she's asked for, gives you better vision from the cab, is cleaner and more comfortable," says Art of his new steed. "What's more, there's no coal to fire, no boiler to fill, and she's more efficient."

In the top picture the new locomotive is presumably engaged in chasing the old iron horse off the property.

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