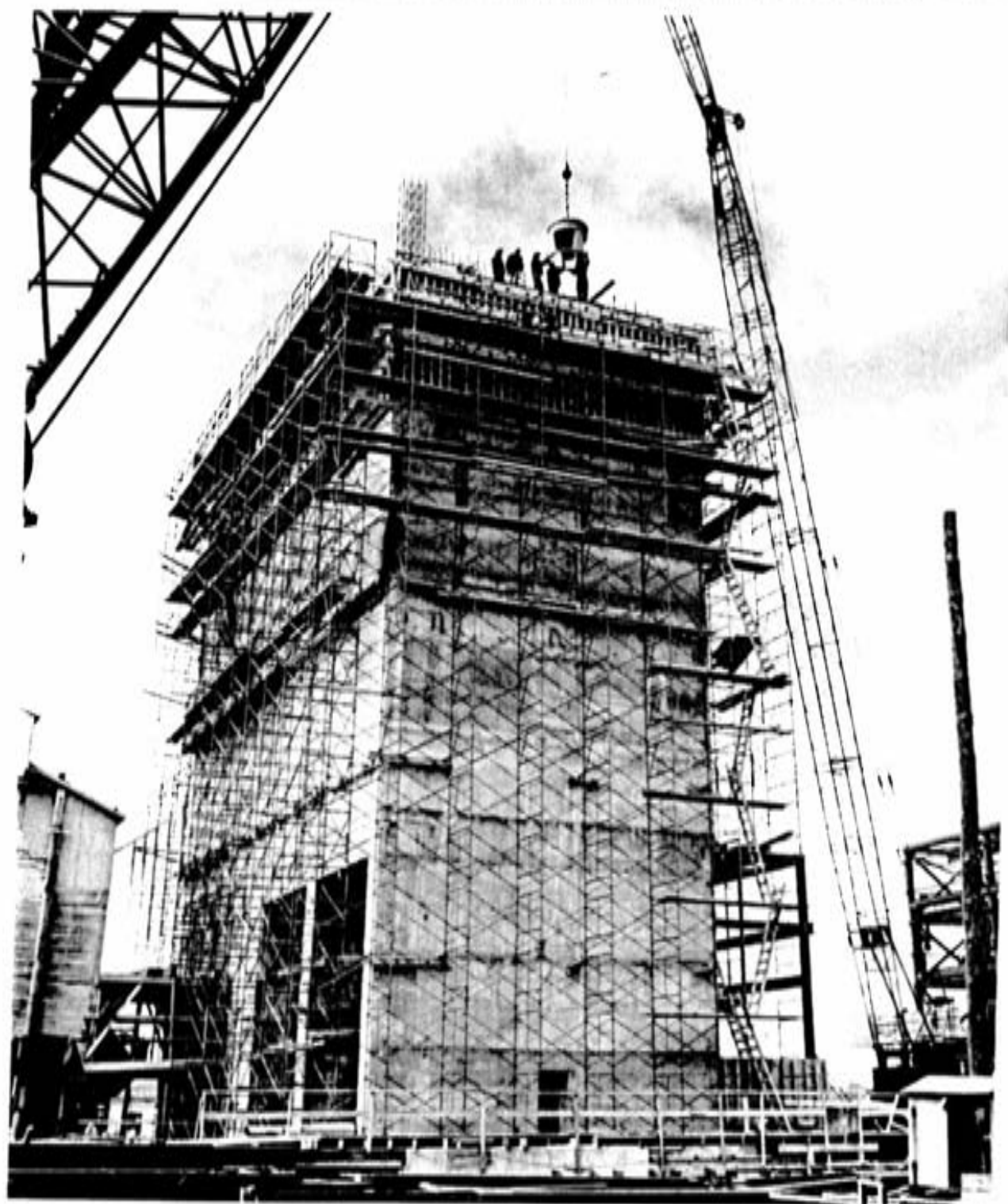


INCO TRIANGLE

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Built To Last

(Story on Page 28)



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Inco's Part in Canada

(Excerpts from the address of Henry S. Wingate, chairman of the board and chief executive officer of International Nickel to the annual meeting of the shareholders in Toronto on April 19.)

Production Increase

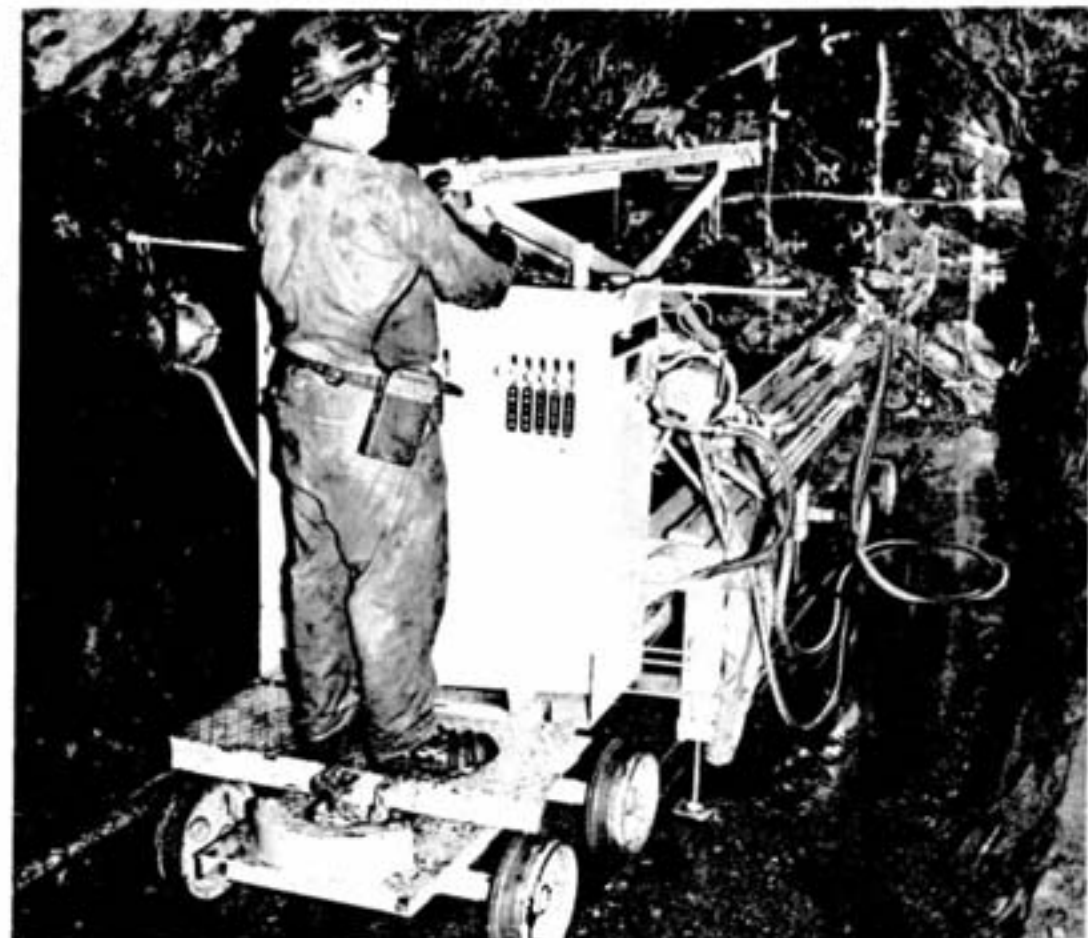
In 1970, we will have completed in Canada our already announced program of expanding our existing mines, increasing the capacity of our surface facilities and bringing in new mines. Additionally, we are currently studying still further Canadian expansion plans. Altogether with what we are planning, we look forward in 1970 to increased production in Canada of some 100 to 150 million pounds of nickel annually above that which we expect to be able to deliver from our production this year. I would emphasize that this increased production is exclusive of our projects outside of Canada, one or two of which should come into production in the early 1970's and thus provide further substantial increments in production capacity.

In Canada alone, our capital expenditures will exceed \$100,000,000 this year.

Very Real Contribution

International Nickel was formed to develop a great Canadian resource. In so doing, it has, we believe, made a very real contribution to Canadian life—to Canadian growth. This could not have been done without foreign markets; without Canadian and foreign investors, from the United States, Europe and elsewhere; and above all, without stable and long-term Canadian governmental policies that encouraged the search for ores and their subsequent development.

Ours is an international company chartered and based in Canada. The bulk of our payroll, taxes and investment, however, is in Canada. The Company operates large, integrated mining, processing and research facilities in Canada. Canadians have more money invested in our Company than in any other Canadian company except Canada's largest public utility. It exports nearly 95 per cent of its



Another New Type of Mining Machine Struts Its Stuff at Stobie

A mechanized drill rig mounting two air-leg type drills equipped with silencers is demonstrating its effectiveness in driving development drifts at Stobie mine. Beams carrying the drills on this Atlas Copco 202 Tunler, as it is called, are supported on a pneumatic chain feed and are positioned by a hydraulically-operated scissors arrangement which permits extensive maneuvering. Two air lights provide excellent visibility. The drill steel used is 3-inch hexagonal, 8 to 10 feet long, and the bits are 1 1/4-inch four-wing. All controls are operated from a panel console. The Tunler is positioned by a locomotive for drilling a round. The operator shown is Phil Melanson.

nickel and large amounts of other metals, and thus makes a very substantial contribution to Canada's balance of payments.

While I see ahead the development of important non-Canadian ore bodies by International Nickel and other producers, Canadian nickel production is capable of continuing to grow and in so doing, will continue to make its strong economic and human contributions to Canadian life; and the operations in the other countries also will, of course, contribute not only to the progress of the particular countries and areas outside of Canada, but to the Company's growth and earnings and thus also make their contributions to Canada.

Thompson's Expansion

A substantial portion of our increased production in the years ahead will come from our Thompson complex. Thompson today is a modern city with a population of 11,700. Its modern plants, engineered to safeguard against air and water pollution, represent an investment of over \$200,000,000. Many millions more have been invested by individuals, other companies and the Federal and Pro-

vincial governments. Thompson has become the fourth largest city in Manitoba and is increasingly the focal point of the development of the Nelson River area of northern Manitoba.

At the present time, Thompson produces about 110 million pounds of refined nickel annually. It was originally scheduled to produce 75 million pounds annually. By the end of 1969 the expanded Thompson complex, including, in addition to the original Thompson mine, the new Soap and Birchtree mines (both of which will be approaching operation by the end of this year) and the Pipe mine, will be producing approximately 170 million pounds of nickel annually.

By that time our plans call for investing over \$100,000,000 more in mines and facilities in the Thompson area, and the population of the town will be 6,000 greater than today. Our annual payroll will be about \$20,000,000 greater, and exports of the Thompson complex's products will be contributing well over \$100,000,000 annually to Canada's balance of payments.

No Inco Ghost Towns

It is worth noting that Thompson did not exist when we convened here for our annual meet-

ing 10 years ago. That fact is a sharp reminder to all of us of the vital role a company plays in the economic and social spheres through the development of resources.

Economic and physical growth has been great, of course, in the Sudbury area. But because it has been an addition to an already large complex, it is less obvious and less dramatic than in Thompson. Still less visible in the Sudbury District are the great strides and risks taken in the face of relentless depletion of ores to preserve production levels and, where possible, to increase production levels, with resultant benefits to the community as well as to ourselves.

We have not in the past created ghost towns anywhere, and we have no intention of doing so in the future. We are constantly at work investing money and taking risks to find and prove up new reserves so that we can continue to sustain on a long-term basis the communities that have grown into being around our operations.

An Eye on Tomorrow

I have spoken in the past of the value and accomplishments of

Continued on Page 20

INCO FAMILY ALBUM



This is the family of Crean Hill safety engineer Ilmari Manninen. Better known as Elmer, he started with Inco at Creighton in 1956, was a shift boss when he was transferred to the safety department early this year. He is one of five brothers employed by Inco, four at Crean Hill and one at Levack. Shown with him are his wife Astrid, Nancy, 14, and Kenny, 10.



Al Hawkins arrived in Thompson in 1960 from North Battleford, Sask., is now a mechanical foreman, likes fishing and raising tropical fish. He and his wife Mary Ann are shown with their fine family: standing, Barbara, 16, Kathryn, 14, Julie, 11; seated, Karen, 3, Cynthia, 7, Allen Jr., 18 months, and Debra, 8.



A switchman on the 1000 level at Stobie, 'Red' Lalande came to Inco in 1961, and worked at Copper Cliff until he turned miner in 1964. He and his wife Barbara came from Cornwall, Ontario. Besides being an ardent hockey fan, 'Red' enjoys coaching broomball teams. Left and right in the foreground are Danny, 6, and Tammy, 5; and centre, is Brent, 4, and perched on the fireplace is his twin, Brenda.

When not on shift as a pipeman on sandfill at Creighton 5 shaft, well-known Erminio Cazzorini is most likely to be found up to his ears in teenagers at the Creighton Employees Club, where he is assistant steward. Erminio and his wife Tina came to Creighton from Udine, Italy, in 1951. Their bright-looking family are Carmen, 16, twins Lillian and Elia, 9, and Vivian, 11.



An underground car repairman and spare hoistman at Garson, Ed Black has worked there for the full 22 years of his Inco service. He was born and brought up in Garson, his wife Irma comes from the Ottawa Valley. Their family are Edmond, 14, Trent, 10, Timmy, 7, and Wanda, 2. Playing his guitar with a group of musical friends is one of Ed's favorite relaxations.



Jack and Bette Grace of Port Colborne have three attractive youngsters, Mariclaire, 8, Cathy, 10, and Elizabeth, 12. A foreman in the Nickel Refinery mechanical department with 20 years' service, and an ardent golfer, Jack is the son of Inco pensioner "Spike" Grace, and brother of Mary Grace, head nurse in plant first aid department.



PART OF THE SMELTER REVERBERATORY DEPARTMENT'S first new fluid bed roaster is shown under construction in this photograph. The cone-shaped object beside it is a section of one of two dust collecting cyclones which clean the roaster gases. On the left is the heat exchanger in which the roaster gases are used to pre-heat the incoming blast air required for the operation of the roaster. The area on which the men are working is the top of the roaster's electrical precipitator.

Fluid Bed Roaster Major Improvement At Copper Cliff

Well underway at Copper Cliff smelter is the first step to replace the old multi-hearth equipment with modern fluid bed roasters.

It is expected that the new fluid bed type will demonstrate improved metallurgical efficiencies that will lead to the eventual replacement of all 42 Nichols-Herschhoff multi-hearth roasters.

At present there are six multi-hearth roasters to service each of the smelter's seven nickel reverberatory furnaces. One new type roaster will more than do the work of six of the old style, and at the same time bring about further improvement in working conditions in the plant.

The new roaster is 24 feet in diameter by 43 feet high, three feet wider and five feet higher than the old type, and operates at a temperature of 1200 degrees. Combustion is provided initially by oil burners, then sustained by the sulphide feed.

The 27,500 cubic feet per minute of air that passes through the roaster is preheated by exhaust gases from the roaster by means of a heat exchanger.

Concentrate filter cake from the mill is partially oxidized in the roaster to a calcine which is fed directly to the reverberatory furnace. The calcine leaves the roaster in two ways; approximately 40 per cent is removed at bed level, and the remainder is carried out of the roaster by the exhaust gases and is reclaimed by two 8-foot diameter cyclones and a high efficiency electrical precipitator.



TAKEN INSIDE THE NEW ROASTER, this picture shows initial stages of installing insulating material and firebrick to protect the huge steel shell in which concentrate filter cake is partially oxidized to a calcine at temperatures about 1200 degrees. Inco mason Frank Gramolini is inspecting progress.

Mirko Bede

If Mirko Bede hadn't broken his service to return to his home town of Trg in Croatia in 1930 and again in 1935, he would have close to 37 years with Inco. As it is he still retires with 30 years of credited service.

Mirko came to Canada in 1927, started at Frood mine in 1929. He was finally employed at Creighton mine, where he worked as a timberman and a chute puller. He transferred to the yard gang on surface in 1952.

Married to Pepa Severinski in 1919, Mirko spent many years living the life of a bachelor before

his wife joined him in Canada in 1956. Their son Steve came over



Mr. and Mrs. Bede

in 1938, son Frank in 1957. The whole Bede family live in Carson where Mirko and Pepa enjoy

entertaining their two grandchildren.

Mirko still has a strong yen for the old country, and plans to travel there in the not too distant future.

Yalmari Niveri

As a young lad of eight, Yalmari Niveri picked up his father's hammer and wood chisel, made a few unsteady cuts, and was launched on what was to be his trade and his hobby for the rest of his life. Some 57 years later, Yalmari has retired from Inco on service pension after 32 years with the Company as a carpenter at Frood mine.

Born in Luumaki, Finland, in 1902, Yalmari served his apprenticeship on house construction and as a cabinet maker, then decided in 1928 to ply his trade in Canada.



Mr. and Mrs. Niveri

Construction work in the Sudbury area at the Coniston smelter and at the Copper Refinery, as well as on mill buildings in Kirkland Lake and Quebec, filled the years until 1934 when he was hired at Frood.

An engraved wristwatch from his fellow workers in the carpenter shop was presented to Yalmari at the end of his last shift, and a surprise party held at his home was attended by 20 of his family and friends who offered their congratulations and best wishes for a happy retirement and gave him an electric razor.

Yalmari and Mrs. Tynne Niemi were married in 1946. Their family of two are Silre, married to Frank Kangas, a blaster at the Charabelle open pit, and Annie, Mrs. Gordon Wrigley of Alvinston. Six grandchildren and four great grandchildren complete the family.

The Niveris plan to spend the summers of their well-earned retirement years at their camp on Long Lake. Winters will find Yalmari happy and busy with his tools, working with wood in his basement workshop.

Telephone Depends Upon Nickel Silver Springs

Has your phone ever gone dead due to a storm? If it has, then you know what your telephone means to you. Often it is all that ties you to the warm friendliness of neighbors . . . to the comforting assurance of your doctor . . . the protection of the police.

When you need help . . . and need it fast . . . nickel helps put through the call. In every automatic telephone exchange in thousands of tireless nickel silver springs find the number your fingers dial, and repeat the job time after time, day after day.

Nickel is usually alloyed with other metals to make them better able to serve you. Nickel silver springs in telephone exchanges show again that, in modern living, nickel's contribution is dependability as well as quality.

Show the Centennial Spirit

By C. A. Young, Inco Agriculturist

I have had so many people call me and, in discussing gardening, say, "I would like to do something special, particularly this year." So the purpose of this brief article is to offer some suggestions along the lines of what you and I can do in the way of "something special" in our Centennial Year.

Firstly, if we make our home grounds as neat as possible we will have accomplished much, and maybe in the process, by our example, we will have given the hint to a few people who seem to think an old jalopy turned up on its side adds to the beauty of the landscape.

Let's assume that you have a reasonably good lawn and that you want to do a little extra to show the Centennial spirit.

How about two flower pot planters for either side of the bottom front step? I would use reasonable size plastic pots because they retain moisture better. Put a good red geranium with three white petunias in each pot. Costly? I would be surprised if it were \$5.00, and it probably would be less. This idea can be expanded to any proportions depending on the money you wish to spend. Just one caution with planters or window boxes of any kind—they need T.L.C., and that stands for tender loving care. By that I mean they must be watered regularly. Let any planter dry out and you haven't much left.

Weeds of course should be kept down, and a little feeding given about three times during the season.

Fireball Salvia a Good Centennial Red

Perhaps a brief description of what we are doing for our main Centennial bed in the Copper Cliff park may give you some ideas. In a park one has to have something that can be seen from a moving car. With this in mind we raised the back of the bed, or tilted it so to speak, so that the shape of the Centennial symbol could be seen and appreciated, as well as being of an appropriate size. Our plan is to make the bed solid red, bordered with white for maximum effect. As for varieties we are depending on Fireball salvia. This variety blooms at 12 inches and its red is very close to the official Centennial color. For the border we are using Little Gem alyssum. For those of you who prefer petunias the Red Magic is very close to the Centennial color. Two very good white petunias are White Magic and White Cascade. The panels that flank either side of our main Centennial bed will be planted with Floral Carpet snaps, yellow for the background with bronze for lettering contrast.

There are many other combinations of flowers and colors to use and I am ready to wager that there will be some standout flower combinations turn up this year in the gardens of Inco enthusiasts.

Almey Flowering Crab Official Tree

To those of you who would like to plant a Centennial tree, the official choice is narrow but don't let that stop you. The Almey flowering crabapple is the official tree and it is perfectly hardy for this area. A silver maple would be my second choice. For a third choice I would go out to a cultivated area that is reverting to bush and bring in a clump of our native white birch.

A word of caution—many people kill newly planted trees with kindness by using commercial fertilizer and manure for planting. To be brief, DON'T. If you are planting in reasonable soil put half a cup of bone meal in the hole when you plant and that is all the food a tree needs. Water is a must and the first season it is almost impossible to overwater. Suffice to say leave a depression around the tree, and water thoroughly once a week until mid-August.

I hope I have given you something to think about—and good gardening to you!

Tom Semeniuk

It was in 1927 that Tom Semeniuk sold two acres of his farm, and with the money jingling in his pocket left his home town of Horodenka, Austria, headed for Canada, land of opportunity.

Forty years later, Tom has retired on service pension from Inco

after nearly 39 years with the Company at Creighton mine.

After two days of waiting at the Creighton mine gate, he was hired by Charlie Lively, and worked at many of the underground jobs until he became a shaft inspector in 1945. "Since then I've worked steady night shift, 22 years of it," said Tom. "Now I'm stuck with

the problem of learning how to sleep at night."



Mr. and Mrs. Semeniuk

Tom married Mary Vitiv in Horodenka in 1925. They have two

sons, Walter in Vancouver, and Tom Junior in Sudbury.

Adding finishing touches to the home that Tom built in Waters township two years ago will keep him busy enough during what their many friends hope will be many years of contented retirement.

SLIGHT OMISSION

"Poor man! He was ruined by untold wealth."

"Untold wealth?"

"Yes, he didn't tell about it in his income tax return."

Centennial Spirit Peps Up Plate Shop Ball



Despite a dense spring fog, the annual plate shop ball at the Copper Cliff Italian Club was attended by 108 couples. Among those giving the gay event a Centennial air by wearing costumes of yesteryear were Doug and Myra Ogston, Gay and Bill Doherty, and Stan and Denise Rogers, in the back row, and, front, Andre and Lorraine LaBorgne and Vern and Dena Ramsay. Chairman Doug Ogston and his committee organized the most enjoyable event, which featured the music of the Stardusters and a delicious buffet lunch.



Could be the old fashioned bustle was really a protective device for the more lively type dances on a packed floor. Myra and Doug Ogston made a handsome couple in their 1867 costumes, as did Dena Ramsay and her husband Vern.

Very Happy with Trophies and Prizes Were Levack's Curling Champions



With the free-and-easy fellowship of the rock and broom fraternity riding high, Levack curlers had a good time at their annual presentation of trophies and prizes, held in the community hall. Shown above: 1. Charles Hews presents the R. H. Waddington trophy to Ernie Hilton (skip), George Curry,

Ray Beach, Bob Tooker. 2. Incoming club president Ron Matte hands the president's trophy to Ken Belter and Clarence Vowels; absent was skip Stan Zamojski. 3. Frank Palumbo presents his trophy to Orm Purvis (skip), Gord Bennett, Harvey Nadeau, Hank Sanksen.



1. Dr. Charles Jessop presents the Dr. H. F. Mowat trophy for the Colts event to Al Dame (skip), Ted Tuori, Bob Tooker, Terry Hamilton. 2. Winners of the Plaskoski trophy for the club's Consols event, Bud Radd, Frank Corkal and Bill Brown, are congratulated by Dave Lennie (right); not shown, skip Stan

Zamojski. 3. Robert Babcock presents the Cochrane-Dunlop trophy to Ernie Hilton (skip), Ernie Emblin, Ray Beach, Dave Lennie. Also presented was the Ted Giannini memorial trophy, won by Orm Purvis (skip), Ken Belter, Forest Goodyear, Hugh Beck.

Four New Jims Too Much So He Became Joe

A family figure in the electrical department at Copper Cliff since 1948, Jim Reeves has retired on disability pension after 31 years with Inco. "The boys at the plant have called me Joe since 1935 when I started with the Company in the Orford building," Jim explained. "Bill Rogers was foreman there then, and four of us new men were Jims. He lost no time re-christening us, and I wound up as Joe."

Born in Ottawa in 1912, Jim worked on highway construction before he joined Inco. During his years in the Orford building he operated the first electric trucks

life. Jim has had to substitute reading and television for his much loved trips into the bush. With a

comfortable home on David Street in Sudbury the Reeves plan to stay put except for regular sum-

mer camping trips to their lot on Lake Manitou, on Manitoulin Island.

Job Demonstrations Play Important Role in Thompson Safety



On 1800 level at Thompson mine the divisional foreman, Ed Audet, conducts a regular scaling demonstration, with Hubert Larocque handling the bar. Points covered by Ed in this important feature of the mine safety program were: have an adequate supply of properly dressed scaling bars in required lengths, as well as a gadding hammer and gads; have a good footing and a clear retreat; see that the scaled material has a proper bed on which to fall; assume all ground is loose until proven otherwise by sounding; scale from good ground to bad; use the proper length of bar; hold the bar in the proper manner; use gad on difficult loose and complete its removal with bar; watch for unexpected falls of ground; scale thoroughly. Watching the demonstration with the group of miners are shift boss Ed Brodacki and mine safety engineer Bill Draper.



Mr. and Mrs. Reeves

on the loading floor and was a crane man. He transferred to the electrical department as a helper in 1948 and was working there as a first class electrician in 1966 when he suffered the heart attack that sidelined him.

A Sudbury girl, Violet Grubbs, became Jim's wife in 1936. Their family, Bob and Mary, both live in Sudbury. Mary works in the tabulating department at Copper Cliff and is married to Jim Fil-lator. The one grandchild is a frequent and welcome visitor.

An ardent outdoorsman all his

Garson Makes Safety Million

Second Inco mine to ring up 1,000,000 consecutive man hours without a lost-time injury in Centennial Year. Garson was receiving compliments all down the line on April 15.

Superintendent of mines G. R. Green visited the mine to express congratulations to Garson superintendent B. T. King and his men on their fine achievement.

A signboard set up by safety engineer Wayne West in the warm room spelled out the good news of the mine's record—184 days worked safely since the last lost-time injury on October 17. It also pointed out that there were only 173 days to go until the mine would reach the 2,000,000 safe-hour mark, a goal on which all eyes are now firmly fixed.

A safety award will be presented to all the men working at Garson in recognition of their million-hour achievement.

Charles Gravel

Since Charlie Gravel retired on disability pension from Levack after a heart attack earlier this year, he and his wife have been happily busy with their mutual hobby, hand polishing and making some very artistic ash tray holders from driftwood collected during the summers around their camp on Vermillion Lake.

Born in 1909 in St. Redempteur, Quebec, Charlie was two years old



Mr. and Mrs. Gravel

when his family moved to a farm near Chelmsford on Vermillion Lake. He left the farm in 1928 to work for a diamond drilling company, and returned to farming in Chelmsford when he married Juliet Brosseau in 1930.

He joined Inco in 1940 in the yard at Levack, and moved to the mechanical department six months later as a blacksmith's helper. He was a first class plate-worker at the time of his retirement. He had almost 25 years' service.

The Gravels have a family of five, and 12 grandchildren. Sons Leo and Robert live in Montreal. Carmen is Mrs. Art Gardener of Onaping. Rita is married to Copper Cliff smelter process technician Steve Oreskovich, and Jacques is with the RCAF in Germany.



SOME OF THE GARSON MEN who have never had a lost-time injury gathered to receive congratulations on behalf of the whole mine from superintendent of mines G. R. Green, who is shown shaking hands with motorman Bill Morrow, a veteran of 34 accident-free years with Inco. On the left, beaming his approval, is Garson superintendent B. T. King. Others in the group, whose length of Inco service totals over 244 years, are Bob Thompson (20), Len Kutshaw (19), Bob Edkins (29), Bert Kearns (27), Reg Richardson (25), Roger Cayen (20), Art Hartness (21), Norm Wolto (7), Nick Kimella (18), Steve Beausoleil (24).

Retires to 240-Acre Farm Near Val Caron

Leaving Clarabelle Open Pit garage and the big pit equipment behind him, Joe Grenier has retired on disability pension to a peaceful 240 acres of farmland at Val Caron. A first class mechanic, Joe said "With three tractors to take care of I guess I'll still have my hands full of tools once in a while." He has worked for the Company for 29 years.

Born in 1911, in Osceola, near Pembroke, Joe worked on his father's farm until 1935 when he started underground at Frood. He was moved to the Frood Open Pit in 1939, and worked as a driller and in the salvage shop until 1946 when he moved to the pit

garage. He has piled his trade at the Clarabelle garage since 1958.



Mr. and Mrs. Grenier

Joe and his wife, the former Grace Desloges, whom he married in 1935, have brought up a family of nine. Joan (Mrs. Rene Groulx), Theresa (Mrs. Norman Boudreau), and Mildred (Mrs. Larry Dupuis) live in Hanmer. Joe junior and Bob live in Capreol, Mary is Mrs.

Lucien Bonin of Windsor, Carol is married to Paul Oagnon of Garson, Francis works in the reverber building at Copper Cliff, and Diane, 16, attends school in Blezard Valley. They have 19 grandchildren.

With an ambitious plan for a potato and grain crop this year, Joe and sons are going to pitch in on a share-cropping basis. "Should work out alright," said Joe with a gleam in his eye. "This is some pretty fertile land we have in the Valley."

CARRIED UNANIMOUSLY!

"Well, I think I'll put the motion before the house," said the go-go girl as she danced out onto the stage.

Business Girls' Curling Group Reached All-Time High of 115 Members



With an all-time-high membership of 115 the business girls' league at the Copper Cliff Curling Club had a banner season, 73 rinks competing in the three trophy events.

There were 95 curlers at the annual banquet to applaud the trophy and prize giving shown in the accompanying pictures: 1. Doug Gathercole presents the Business Girls trophy to the first event winners, Vi Hamill (skip), Kay Kuzniar, Helen Smilovich and Marian Connors. 2. Ernie St. Pierre

presents his trophy to Claire Curlook (skip), Norma Wyman, Claire Leclair and Heather Sandberg. 3. The T. M. Gaetz trophy was won by Marguerite Langlade, Margaret Campbell, Claire Leclair and (not shown) skip Doris Taylor.

Incoming president of the enthusiastic group is Nancy White, who succeeds Claire Curlook. The latter was presented with a bouquet of flowers in appreciation of her good work.





Some of the branch officers and volunteer ambulance personnel of Levack-Onaping Legion are shown with their \$6,000 Centennial ambulance: standing, Ray Holm-Andersen, originator of the project; branch president Cec Douglas, vice-president Maurice Beauchamp, Harvey Nadeau; front, Syd Kemp, Hank Derks, Bill Petryshen, past-president Ron MacNeill, Hector Barr.

24-Hour Volunteer Ambulance Service Is Centennial Project

A voluntary round-the-clock free ambulance service for Levack, Onaping, Cartier, Dowling Township and parts of Balfour Township has been established by Levack-Onaping branch of the Royal Canadian Legion as a Centennial project.

Reflecting high ideals of community service, the Legion project became a reality on March 13.

To furnish drivers and attend-

ants for the ambulance, the membership set up a rotational six-hour shift system. All personnel involved have received a 12-week first aid course. Six registered nurses residing in the area have volunteered their services in the event of emergencies.

Funds for the purchase of the \$6,000 ambulance were provided by the Legion branch, the Legion ladies auxiliary, and the Levack Lions Club. A fully equipped

first-aid kit was donated by local pharmacist Frank Polumbo.

The project was sparked by the Legion branch treasurer, Ray Holm-Andersen, who got the idea while vacationing in the U.S. He is chairman of the ambulance committee.

Calls for the ambulance are answered at the discretion of Dr. C. P. Jessop of Levack, Dr. H. Jalkotzy, of Onaping, and the local and provincial police.

Boyhood Dream Became A Fact for Alf Mash

Most little boys say that when they grow up they want to be locomotive engineers, or firemen. One who didn't change his mind was Alfred Mash, who has retired on early service pension from his locomotive cab after no less than 47 years with Inco to his credit.

Born near Croydon, England, in 1903, Alf at the age of six came

Acheson of Ottawa, and Edna (Mrs. Dave Walberg), member of the accounting department at Copper Cliff. Five grandchildren round out the family.

Residents of Copper Cliff for 43 years, Mr. and Mrs. Mash now live on Ontario Street in Sudbury, where Alf's well-equipped basement workshop is his favorite hideaway.

Still active as treasurer of the transportation department's benefit association, besides many other outside interests, Alf is still in touch with his old workmates. He believes in staying active to stay healthy. "When the mood strikes us we just pick up and away we go," said genial Alf. "In the last three months we've clocked 5,600 driving miles." He's no longer on the tracks but Alf is still at the throttle with a full head of steam.

Nelson A. Davison

Nels Davison's family were very early settlers in the southern Niagara region, his father being born in Ridgeway and Nels in Lorraine, on the eastern outskirts of Port Colborne.

Prior to joining Inco at the Port Colborne Refinery in 1928, Nels had worked for five years at the Maple Leaf Milling Company, then boasting the largest milling capacity in the British Empire.

Nels' 39 years of Inco service were devoted almost entirely to the electrolytic nickel refining department, where he worked at practically every phase of the operations. He had been a cathode boxman since 1950.

Alma Templin became Nels' bride in 1934. The Davisons have two daughters, Coleen (Mrs.

Donald Nix) of Hamilton, and Norma, at home.

A host of interests—among them gardening, fishing and photography—will occupy Nels' time. In addition, he and Mrs. Davison hope to do some travelling with a trip to Mexico among their plans.

Thanked by J. H. Walter for his long and conscientious service to the Company at a gathering of fellow employees, Nels was presented with a gift of money and wished a happy and healthy retirement.

Algoma Steel President Awarded the Inco Medal

David S. Holbrook, chairman and president, Algoma Steel Corporation, Sault Ste. Marie, (right) receives the Inco platinum medal for 1967 from A. P. Gagnebin, president of International Nickel. The presentation was made to Mr. Holbrook at the C.I.M. 69th annual general meeting in Ottawa. "In recognition of his great success in the management and development of one of Canada's largest steel companies and, particularly, for his leadership and intimate concern in developing Canadian iron ore resources and the efficient processing of iron and steel through equipment of the most efficient design."



Pete Lumbis

Christened Vytautas Lumbis, the recently retired Garson oldtimer grinned and said, "Call me Pete, everybody else does. If you don't my friends will wonder who you're writing about."

Now on disability pension after nearly 16 years with Inco, Pete has been sidelined at age 60 due to arthritis.

Born in Daugartiai, Lithuania, Pete worked for the government there until 1944 when he moved his family to Germany. "I was a displaced person until I brought my family to Canada in 1948. I worked as a carpenter for the



Mr. and Mrs. Lumbis

Ontario Hydro at Garson," he recalled.

He joined Inco at Stobie in 1950, transferred to Garson one year later as a timberman, and worked on the 2400 level until retirement.

A school teacher in his home town, Gertrude Kernauskaite became Pete's bride in 1932. They have two sons, Victor at the Garson warehouse, and 14-year-old Charles.

Pete's camp on Trout Lake at Alban will be their summer residence, where he plans to spend as much time as it takes to catch the brother of the 28-pound trout he and his wife are proudly displaying in the picture. "It was caught close to our camp by our daughter-in-law, Claudia, late last year," explained Pete. "I've never eaten anything that tasted so good."



Mr. and Mrs. Mash

with his parents to live in North Bay. His father worked at the CPR roundhouse and young Alf grew to love the sounds and smells of the big steam locomotives.

The family moved to Copper Cliff in 1914, and three years later Alf joined the Company as a messenger boy. Part of his boyhood dream came true when he started a three year apprenticeship in the locomotive shop, but he was a crane man in the converter building for 15 years before finally realizing his life-long ambition of becoming a loco engineer.

Streetville was the home of Bertha Leece, the young lady whom Alf took as his bride in 1924. Their family of three includes Betty, who is married to Creighton stope leader Malcolm Stenbridge, Jean, who is Mrs. Bill

Dainty Misses, Gay Caballeros, Low-Flying Batmen Enlivened Carnival



Copper Cliff Skating Club drew a full house for its colorful and highly entertaining 1967 Pop Concert at Stanley Stadium. Delightful numbers by the junior members, and polished performances by senior members and guest artists from Sudbury, filled a program that was warmly applauded at every turn. The polka-dotted octette shown above was one of the hit numbers: Kim Creasey, Jennifer Ryan, Laurie Langman, Brenda Savage, Susan Pulka, Lucy Hansen, Shelly Basso and Beverley Basso. The gay caballeros (right) who gave a dashing performance to the tune of Mexican Road Race, were



Keith Bertrand, Jim Curlook, Teddy Langman, Freddy Jones, Paul Tarini and Russell Gowan.



The low-flying Batmen brought shouts and whistles from the junior members of the audience; they were Kevin Jack, Mickey Hansen, Ricky Bailey, Billy Hansen, Anthony Vagnini, Grant Kirk, Ricky Tarini and Michael Tarini.



Another popular group were these dainty little misses, Nancy Gourley, Pamela Graham, Margaret Haddad, Shelly Hunter, Kim Kirk, Cathy Melchior, Tiann Miller, Jane McMaster, Constance Palmer, Janet Rickaby, Nancy Shalla, Gloria Tarini, Tracy Winn.

Maristo Battistuzzi

A locomotive engineer at the Coniston smelter for the past 12 years, Maristo Battistuzzi has retired on disability pension, following major surgery. He has worked for Inco for 32 years.

Maristo was two years old in 1912 when his mother left Pianzano, Italy, to join his father at Victoria Mine. The family moved to Con-



Mr. and Mrs. Battistuzzi

iston in 1913 when the Mond Nickel Company's new smelter began operating, and by the time he was 14 Maristo was clerking in a store. In 1934 he joined Inco's mechanical department as a shift fitter.

Workmates and friends surprised Maristo with a stag party attended by 200 at the Club Allegri. Along with their best wishes for a long and happy retirement, they presented him with a purse.

Theresa Franchetto became Maristo's wife in 1940. They have a family of three. Joan is married to Coniston smelter clerk Tom Crowley, Anne Marie is in nursing



One of the graceful soloists, Susan Metcalfe (left), is working toward her gold dance medal in figure skating. The Anderson sisters, Laurie, Leigh and Wendy (centre), gave a spectacular trio performance. Roger Uuemaa, the Northern Ontario junior men's champion (right), showed tremendous class in his dazzling solo.



training at Sudbury General Hospital, and Fred lives in Coniston. One grandchild is already on the scene.

Maristo is finding lots to do in his basement workshop, where he's all set up for carpentry and mechanical and electrical work. "I've no time on my hands at all, the days are just not long enough," he said.

GIRLS WILL BE GIRLS

Jane: "It must be three years since I've seen you. I'd hardly know you, you've aged so."

Joan: "I wouldn't have known you either, if it hadn't been for that dress."



Once the show was over the performers burst loose for an exuberant final free-skating session. Norman Carscadden was master of ceremonies for the very successful concert. President of the Copper Cliff Skating Club is J. N. Metcalfe, secretary is Mrs. Stella Vagnini, and the club professionals who produced the show are Mrs. Joyce Sala MacKenzie, Nelson Bellmore, and Mrs. Mona Ryan.

Also Reached Semi-Final for Surface Plants



IRON ORE PLANT: Captain Maurice Curlook, Montford Duff, Leonard Matson, Gary Convery, John Taggart, coach Stan Germa.



NICKEL REFINERY: Captain Red Morin, Ted Porter, Bob Lambert, Dale Lampman, Dave Bell, coach Orville Martin.



COPPER CLIFF CONVERTERS: Captain Charlie Bedard, Emerson Bruce, Dave True, Ed Gallant, Palmerino Rocca, coach Rube Phillips.



CONISTON SMELTER: Captain Bob Higgins, Dave Campbell, Gary Caverson, Peter Gentile, Dennis Laframboise, coach Keith Rafuse.

Also Reached Semi-Final for Mine Teams



FROOD-STOBIE MINE: Captain Marvin Van Horn, George Orbeck, Joe Salemin, Leo Craig, Cloud Ouelette, coach Leo Legault.



CREIGHTON MINE: Captain Joe Pierini, Nigel Davies, Roger Galipeau, Ivan Moors, Bob Macumber, coach Don Shannon.

Typical of the realistic scene is this shot with the Copper Refinery team in action. Captain Gerry Dube (foreground) is checking the condition of a patient who has been treated for a skull fracture and other injuries. Giving first aid to another patient, Wayne Wilcocks has stopped arterial bleeding in the left arm and now discovers a fracture in the right arm; he supports the broken arm and calls to his captain for assistance in applying collar and cuff sling.



CREAN HILL MINE: Captain Cliff Langman, Steve Gazdic, Clayton Van Horn, Dennis Keble, Garnet Phillips. Missing: coach Fred Rams.



GARSON MINE: Captain John Guthrie, Marcel Dufresne, Francis Marcotte, Normand Gaudette, Paul Hanka, coach Leo Demers.



Murray Mine Gets First Win In the Parker

For the first time in its 31-year history the Parker Shield now bears the name of a Murray mine team as inter-plant first aid champions of Inco's Ontario division.

Captained by Ron Tennant and coached by Kurt Fuerniss, the Murray team won the decision in an exciting contest against the Copper Refinery lineup led by Gerry Dube with Andy Martin as coach.

No less than five patients were involved in the difficult test problem thrown at the two teams when they took the floor in the big final showdown at the Inco Club in Sudbury. Quick thinking, skill, and a professional knowledge of St. John's Ambulance work were required to cope with the staggering array of injuries confronting the first-aiders as the problem developed.

"Madame" Leo Prappier, as the hysterical wife of one of the accident victims, didn't contribute anything to a peaceful solution, and neither did a couple of ram-bunctious hillbillies, but the first-aiders never lost their cool and took it all in stride.

Both Teams Praised

In presenting the Parker Shield to Murray, general manager J. A. Pigott praised both teams for their fine performance and also thanked the doctors and the safety department for their part in the very instructive demonstration.

He spoke of the Company's keen satisfaction with the success of the first aid training program. The current addition of 738 new trainees brings to a total of 4,120 the number of Inco employees trained in first aid during the past five years, or better than one in every four on the work force.

Each member of the winning team received a \$50.00 bill and a medal.

Scene of the test problem was laid in the Kentucky hills. Rustic cabins, appropriate "Dogpatch" type signs, a roaring waterfall, and the chirping of birds in the trees added to the realism of the setting. Cast as a work party surveying a road through the hills, the first aid team arrived on the site to find that the natives had blown up their equipment shack. Three hillbillies were seriously injured by the explosion, and two others were subsequently badly mauled in a fight with a pair of their buddies.

Arranged by Tom Crowther with the assistance of Joffre Perras, Bert Debney, Mike Mulloy and Ellard Belter, the test was loaded with traps and pitfalls for an unwary first-aid.

The Murray team got the jump right at the start by searching the wreckage of the equipment shack until they found a supply of splints, which Copper Refinery failed to locate, and they managed

Continued on Page 15



The jubilant Murray mine team is presented with the Parker Shield by J. A. Pigott (right), general manager of the Ontario division. Kneeling is Howard MacDonald, and the other team members are Adrien Lavallee, Bradley MacDonald, Frank Upchan, captain Ron Tennant and coach Kurt Fuerniss. One of the first to offer congratulations was the delighted Murray mine superintendent, Harry Smith.



The Copper Refinery team that made a great bid for the 1967 Inco inter-plant first aid championship was composed of Gerry Dube, captain, Wrenley Watt, Dave Bull, Gordon Poll, Wayne Wilcocks, and Andy Martin, coach.



In this general view of the disaster area in the Kentucky Hills the Murray team have their hands full with five patients to look after involving a list of injuries as long as your arm. On the left is seen the overhead projector screen on which were flashed sketches of the injuries and commentary on the action, assisting the audience in following the progress of the competition.



While the two teams and their supporters wait in nail-biting suspense the three judges, Dr. B. F. Hazlewood, Dr. J. H. Jones and Dr. W. J. White tally up the results to decide the 1967 winner of the Parker Shield. They were assisted by two Inco first aid men (facing camera), Greg Scully of Copper Cliff and Ken Glynn of the Iron Ore Plant.



LEVACK MINE: Captain Don Nerp, Mike Kerstens, Roger Roy, Henry Racette, Bill Denisko, coach Larry McLoughlin.



Lady Curlers Divvy Up Loot

Although many curling groups of the district showed a decline in membership during the season, the Copper Cliff ladies' club more than held the line in numbers and enthusiasm. There was a full house for their annual presentation of trophies and prizes at a banquet staged in the curling rink lounge, right at the scene of the crime, so to speak. President Jean Merla kept the ball rolling and a fine array of loot was distributed. Incoming president is Phyllis Duncan.



Winners of the Bill Jessup memorial trophy were Jean Dutchburn, Siona Shallo, Kaarina Turcotte and Mary Clarke (skip).



1. The Darrach trophy winners were Ruth Raylor, Beth Wotton, Billie Lake and Betty Ripley (skip). 2. Jean Robertson, Dorothy Sturbridge, Lorraine Bangle and Phyllis Duncan (skip) won the Legion trophy.



1. The Robert Brown event was taken by Ev Hostrower, Lil Williams, Dorothy Sturbridge and Ruth Bryce (skip). 2. Victors in the Bob Marcotte event were Lil Williams, Fran Boudignon, Mary Pritchard, Mary Clarke (skip).

Roy Stoutly Defends The Old Steam Hoists

Steam engine buffs working around the Copper Cliff smelter prick up their ears at the new rare sound of a loco whistle, drifting up from the salvage yard. Roy Basso, one of the men responsible for that nostalgic noise, has retired after nearly 34 years with



Mr. and Mrs. Basso

Inco, 27 of them as fireman on the salvage yard hoists.

Born in Sundridge in 1902, Roy left the farm for the Company in 1933. Starting at Copper Cliff in transportation, he transferred to the mechanical department as fireman on the steam hoists in 1940. "We had six machines in those days," recalled Roy, "but there are only two left now. They'll still beat some of the new-fangled diesels hands down in the cold



Taking part in the presentation ceremonies were Edith Haskins, Mary Ostashek, retiring club president Jean Merla, Ernie St. Pierre, Eleanor Flowers, George Clare and Myrle Allan.

weather, let me tell you. No matter how sub-zero the weather, I could always raise a head of steam and get her underway inside of an hour."

Roy married Marjorie Love, a girl from his home town, in 1932. Their grown-up family includes June, married to Creighton burner Ren Pierce, Sudbury teacher-librarian Doreen, wife of Tony Bertrand, Alan of Sudbury, and Ken of Sault Ste. Marie. Their five grandchildren live in the Sudbury area.

The Bassos are planning to return to the Sundridge area to spend their retirement years on "a couple of acres with a few chickens, a stream-fed pond, and a few ducks," said Roy. "We haven't

found the place yet, but we're sure looking."

NATURE STUDY

Teacher: "Today's lesson teaches us that certain senses of animals are more highly developed than man's. Jerry, can you name a creature that sees better than man?"

"Yessum," replied Jerry, "the eagle."

"Joan," continued the teacher, "will you tell us of an animal that can hear better than man?"

"A dog, teacher," answered Joan.

"Quite right," approved the teacher. "Now, Danny, do you know of anything that smells better than a man?"

"A rose," said Danny.

Don Keir

When Don Keir of the Coniston smelter started burning his hands on things that didn't feel hot he sought medical advice that has resulted in retirement on disability pension after 24 years with



Mr. and Mrs. Keir

Inco. "There's some nerve degeneration in my hands," he explained. "Believe me you have to lose your sense of touch before you really appreciate it."

Born in 1922 in Waubamink, a railroad town close to Parry Sound, Don came to Inco at the Coniston smelter in 1942 to work in the mechanical department. The same year he joined the RCAP; he held the rank of flying officer when he was discharged in 1945 and returned to Coniston. He was a 1st class mechanic when he retired.

Don's marriage to a Coniston girl, Ruth Nesbitt, in 1943 has been blessed with a family of seven: Diane is married to Robert Collins, and both are Garson school teachers; Don and Linda (Mrs. James Wright) live in Toronto. Jim, 15, Deborah, 14, Wendy, 13, and Cindy, 10, attend school. One grandchild has so far joined the scene.

Unable to pursue his hobby of tinkering with electronics, Don has turned to reading. "History and mathematics are keeping me absorbed right now," said Don, and my favorite haunt is the library."

Adelard Brabant

Except for a few short periods as motorman and brakeman, early pensioner Adelard Brabant worked as an underground trackman at Frood for all of his 39 years with Inco.

Born in 1906 in Blezard Valley, Adelard started his working life as a truck-driver when he left the family farm in 1931. Five years later he joined the Company.

Married in 1924 to Laura Bolleau of Hawkesbury, Adelard is the proud father of a family of six: Leonid (Mrs. Albert Denis) of Sudbury, Germaine is married to Copper Cliff smelter crane-man Raymond Tremblay, Armand is a switchman at Stobie, Eugene lives in Sudbury, and Lionel lives at home. Mrs. Brabant died in 1965.

With 28 grandchildren to keep tabs on, Adelard will have plenty of visiting to do during his well-earned retirement years.



Adelard Brabant

Inco's Mines To Date

International Nickel will spend \$125 million on a capital expenditures program this year to increase its nickel-producing capability. The program involves expansion of surface facilities, as well as mine development. The status of Inco's mine development program and worldwide exploration is outlined below:

10 Mines Now in Operation

In the Sudbury district: Creighton, Frood-Stobie, Garson, Levack, Murray, Crean Hill, Clarabelle, MacLennan, Totten.
In Manitoba: Thompson.

7 New Mines Under Development

In the Sudbury district: Copper Cliff North (ore production scheduled for 1967), Coleman (scheduled for production in 1969), Kirkwood (scheduled for production in 1968), Little Stobie (scheduled for production in 1969).

In Manitoba: Birchtree (scheduled for production in early 1968), Pipe (scheduled for production in late 1969), Soab (scheduled for production in 1968).

Further Development of Operating Mines

In the Sudbury district: Sinking of a new shaft underway at each of Frood-Stobie, Creighton and Totten.

In Manitoba: A new shaft completed and another being deepened at Thompson.

Prospects for New Mines

Sudbury District: sinking of exploratory shaft to be started this year to determine feasibility of developing large low-grade deposits lying northwest of Garson, Ontario.

Shebandowan, Western Ontario: exploratory shaft sinking commenced 1966.

Niquetua, Lake Izabal, Guatemala: financial arrangements and engineering studies substantially advanced, and important development work carried out on the Company's properties.

Minnesota, U.S.A.: land leased by International Nickel from the U.S. Government for possible mining operation. Studies underway to determine whether or not it will be possible to move ahead on a project to produce a combined total of 125,000,000 pounds of copper and nickel annually from these deposits.

Rockhampton, Queensland, Australia: the company recently signed an agreement with the Broken Hill Proprietary Company Limited regarding further intensive exploration for nickel in that area.

Kalgoorlie, Western Australia: International Nickel Southern Exploration Limited (INSEL) has acquired from Hampton Properties Limited, Edinburgh, Scotland, exclusive exploration rights to an area of approximately 12½ square miles for a period of up to three years. If INSEL should decide to take up mining rights, Hampton may choose between granting mining leases to INSEL or transferring the properties to a jointly owned development company.

New Caledonia, South Pacific: International Nickel is continuing to put forth proposals for participating jointly with French interests in a new nickel production operation in New Caledonia.

Other Exploration Programs

Other extensive exploration programs are being carried out elsewhere in Canada in Ontario, Manitoba, Quebec, Saskatchewan, Northwest Territories and British Columbia. This work is based in large measure on airborne geophysical surveys followed by ground geology and geophysics and finally by the diamond drilling of selected targets.

Property examinations and exploration operations in areas outside of Canada are being conducted in the U.S., Central America, South America, Europe, Africa and Australasia. Important exploration programs are located in the British Solomon Islands Protectorate, Papua and New Guinea, and Western Australia. This work is mainly concerned with sampling of nickel-bearing laterite deposits.

AND THE FIGHT WAS ON
Clancy rushed into O'Toole's Tavern and cried, "Timmy, me bucko, give me three whisksys quick before the trouble starts. O'Toole

gave him the drinks and said, "Now then, Mike, what's the trouble and when does it start?" "Right now," said Clancy. "I ain't got a penny in me pocket."

Copper Converters Upset Reverbs



COPPER CONVERTERS pulled the upset of the century when they knocked off Nickel Reverbs in the final game for the Copper Cliff shift league championship at Stanley Stadium. Reverbs, undefeated all season, were beaten two out of three in the playoffs. The four-team league, sponsored by Copper Cliff Athletic Association, this year adopted a no-body-contact rule that produced clean fast hockey without injuries, to everyone's satisfaction and enjoyment. Picture shows Reverb goalie Kitty and defenceman Lacoste, failing a close-in scoring threat by Taylor of Converters; Mills of Converters is on the left, poised for a possible pass.



THIS IS THE TEAM that upset the Reverb applecart, Copper Converters: back row, Jim Blanchard (captain), Jack Roy, Bill Taylor, Ronnie Thomas, Jerry Mills, Dennis Lagrosse, Ray Dicaire; front row, Fritz Ready, Ray Theriault, Barry Wright, Peter McQuabbie; not shown, Boyd Reese, Roger Deschamps.



IT TOOK SOME SPARKLING HOCKEY to beat this high-powered Reverb team: back row, Cecil Baird (coach), Gloria Solomon, Mike Gagnon, Gerry McIntagart, Don Lefebvre, Don Lavoie, Eddie Lacoste, Johnny Stocnik, Dale Roberts; front row, Ray Gouin, Jean Paul Gervais, Eugene Kitty, Lou Marois, Ian Ireland; not shown, Albert Daniels (captain), Wayne Doherty. The two other teams in the CCAA loop were Nickel Converters and Metallurgical.

CONGRATULATIONS

YOU HAVE ESTABLISHED A

WE HAVE NOT HAD A LOSTIME ACCIDENT SINCE APRIL 19, 1966



PART OF THE DAY SHIFT POSES FOR THE TRIANGLE CAMERA BEFORE STARTING ANOTHER SAFE SHIFT IN CREAN HILL'S BLASTHOLE AND SHRINKAGE STOPES

"An Extremely Rare Achievement for An Underground Mine"

A safety performance that commands special recognition and respect has been staged by Crean Hill mine in operating for a full year without a lost-time injury.

Only once before has an Inco mine achieved this distinction, Murray pulling it off in a great drive that started on June 28, 1962, and actually ran almost two full years, concluding on May 25, 1964.

Crean Hill commenced its big run on April 19, 1966, and is still going strong. The 300-man force have now set their sights on another complete no-injury year, which would give them an all-time record for Inco mines.

It's always good for an argument among safety men which is more impressive, a big total of safe man hours achieved by a plant with a large work force, or a no-injury run of excep-

tionally long duration by a full-fledged plant with only a small work force. There are strong points to be made for either side of the argument, but safety superintendent Mel Young isn't too concerned with them. What interests him is seeing those big fat records roll up, no matter who makes them.

In announcing Crean Hill's achievement and lauding mine superinten-

dent Bob Brown and his crew, he said, "This is an extremely rare achievement for an underground mine, and, in fact, it has been attained only once before in our operations. It would not have been possible without the whole-hearted and enthusiastic co-operation of both the men and the supervisors, and they are all to be heartily congratulated."



Superintendent of mines G. R. Green (right) made a special trip to Crean Hill to extend his congratulations on the mine's distinguished safety performance in completing a full year without a lost-time injury. He's shown chatting with safety engineer Elmer Manninen, mine superintendent, R. H. Brown, and superintendent's assistant Keith Henderson.



As at all Inco plants, regular job demonstrations are at the heart of the Crean Hill safety program. Seen above carrying out the correct procedure for pulling 2200-volt disconnects in the switch room are chief electrician Ray Condie, electrical foreman Howard White, apprentice Brian Donnelly, switchboard operator Don Pierce, maintenance electrician Bob Croteau.

Children Show How In Cordwood Bonspiel



Thompson Citizen

A big annual event at Thompson is the cordwood bonspiel, in which a swarm of youngsters demonstrate with wooden "stones" what the grown-ups have been trying to do all winter with regulation curling rocks. These two young ladies seem to have their doubts about the wisdom of the skip, no novelty in adult curling either. "You mean he wants me to put it there? He must be out of his mind!"



Almost 300 children took part in this year's one-day cordwood bonspiel and had a barrel of fun. Members of the Thompson men's and women's curling clubs, along with other volunteers, won some nice immortality by conquering the chaos and carrying out a regulation draw that decided winners in six events for which business firms donated trophies. Above, a budding slide curler shows his stuff.

John Miklosik

Recently retired on disability pension from the Nickel Refinery at Port Colborne, John Miklosik was born in Betliar, Czechoslovakia, where he farmed before coming to Canada. In 1930 he and his young bride arrived in Manitoba where they did farm work for a couple of months, then moved to St. Catharines where John found work on the canal construction.

It was in September, 1935, that

John started at the Nickel Refinery, and during his 31 years he has worked as a tank cleaner and a unitman in the electrolytic



Mr. and Mrs. Miklosik

department. A good workman, John has always taken pride in doing his work well.

Susan Kusnier became Mrs. Miklosik in 1929 and they have three sons: John, supervising engineer with the Canadian Broadcasting Corporation; Steve, a doctor residing in Columbus, Ohio, and Andy, a mechanical engineer with General Motors at Oshawa. Two grandchildren complete the Miklosik family.

Murray Mine

Continued from Page 11

to maintain this edge in points throughout the close contest.

An innovation of great assistance to the audience of over 300 in following the progress of the competition was the use of an overhead projector on which Joffre Perras flashed sketches of the injuries along with running comments on the work of the teams.

Nine Teams in Semi-Finals

Murray reached the Parker event by beating four other underground teams in a semi-final contest with the H. J. Muts trophy at stake, while Copper Refinery defeated three other surface plant teams in the other semi-final for the Duncan Finlayson trophy.

A total of 157 teams, involving 942 men, took part in the elimination contests leading up to the championship. Frood-Stobie mine fielded 46 teams, followed by Creighton with 30 and Levack with 20.

The Parker Shield was first awarded in 1937, and since then various divisions of the Copper Cliff plant have won the shield 11 times.

Other championship teams include Frood-Stobie Mine, five times; copper refining, four; Garson, three; Coniston, Levack and Creighton, two wins each. The iron ore plant took the shield in 1966 for the first time. Now, the shield will stay at Murray mine for one year, or more if they repeat the win.

Nickel Is the Key to Half the World's Metals

How many metals can you name? Iron, steel, lead, nickel... maybe a dozen. Maybe a hundred, provided you have a little time to rack your memory. But metallurgists—men who study metals—can give you the names of some 6,000. Six thousand metals and alloys, and half of them contain nickel.

Nickel is widely used because it adds so many desirable properties to other metals, enables them to stand extremely low temperatures,

Smelter Shift Had Fine Party



More than 450 members, wives and guests had a rollicking time at the semi-annual stag and doe dinner party staged at the Italian Club by the No. 3 shift pension and welfare association of the nickel, copper, casting and separation buildings of Copper Cliff smelter.

After a sumptuous meal of chicken and spaghetti, served on two floors due to the size of the crowd, the party-goers were treated to an excellent bill of entertainment including the separation building's talented tenor Joe Oliv-

vichuck, pert and pretty tap dancer Brenda Cleary, nationally famous side-splitting comedian Doug Romaine, and the emcee for the evening, jovial Dennis Thyne himself. Music for the stage show and for the dancing that followed was provided by the Commodores.

The nine-year-old N.C.C. & S. association has a membership of 163, with Tom Smith as secretary and Frank Minsky as treasurer. Dennis Thyne and his committee were roundly congratulated on their efforts in arranging a most enjoyable evening.



A pleasant feature of the N.C.C. & S. party was the presentation of a purse to separation building watchman Victor Masotti, who is retiring on pension. Mrs. Masotti received a calendar wrist watch. They're shown here with converter building superintendent R. J. Neal, assistant superintendent Elliott Lawson, superintendent of smelters J. R. Feick, who made the presentations, and converter building shift boss Dennis Thyne.

Vito Masotti has retired on disability pension from the separation building at Copper Cliff after more than 32 years with Inco. He worked on the sand floor in the reverber building for 20 years.

Starting with the Company in 1933, he returned to Italy in 1936 to marry Dina Fornasini. The newlyweds settled in Copper Cliff the same year and were duly blessed with a family of five. Jenny is married to Sudbury barber Joe DiPaolo, Nives also lives

in Sudbury. Gino teaches school in Sault Ste. Marie, and Eddie attends school there. Paul, 9, attends school in Sudbury. Two grandchildren enliven the scene.

Vito and Mrs. Masotti have a comfortable home in Gatchell with a large garden. Vito plans to spend his retirement years growing vegetables for his whole family, while specializing in the cultivation of roses. A trip to Italy is in the planning stage.

or extremely high; adds magnetism, takes it away; provides various electronic qualities; makes metals tough, strong, hard—and above all—highly resistant to corrosion. It's useful in so many ways—that's why nickel is used in 3,000 different alloys.

"Silent Sound" Will Someday Wash Dishes

Sounds you don't hear are going to change your life. Research in the field of ultra-high frequency

sound, called ultrasonics, is going to bring wonderful new products. In fact, such research and new product development is a big reason why total output of products and services has passed a half-trillion dollars yearly! Research by International Nickel has led to improved nickel-cobalt alloys that will, for instance, help make a process for washing the dishes by "silent sound" economically feasible. Someday, high-frequency sound waves will actually blast dishes clean.

Creighton Juniors Had A Sensational Season



Long a harbinger of junior badminton, Creighton Employees Club has just had probably the biggest season in its history, winning 19 championships out of a possible 40 in three junior and three senior tournaments.

Its seven-player team, coached and managed by Ev Staples, with special instruction in tournament play by the Northern Ontario champ, Ed Hreljac,

brought home the bacon from the Kitchener International junior tourney, the Ontario juniors, the Nickel Belt seniors, the Garson open seniors, the Temiskaming open seniors, and the Northern Ontario high school championships.

Three of the young stars, Gienek Ksiarkiewicz, Linda Fabris and Ed Hreljac Jr., pose on the left above



with coach Ev Staples; on the right are Ivan McFarlane, Carmen Cozzarini, Joanne Mitroff and Bob Pilon. Altogether they won 50 trophies.

There were over 75 boys and girls under 16 taking instruction in the Creighton club's booming badminton group last season, auguring well for future triumphs.

Ignace Brzek

If there's a change of weather coming up, Ignace Brzek knows all about it several hours before hand. His back tells him.

Recently retired from Frood on disability pension, after 24 years with Inco, Ignace has seen a lot of weather over the last 20 years in his job as trackman. "Most people enjoy the summer more than the winter," said Ignace with a shake of his head. "The tracks get awful hot in the summer. I'll take the healthy cool of winter any time."

Born in Blazowa, Poland, in 1904, he came to Canada in 1928



Mr. and Mrs. Brzek

and finally to Sudbury in 1941. He started with Inco at Levack but

moved to Frood one year later. After six months underground he transferred to surface and has been in the transportation department since 1947.

A bachelor for many years, Ignace married Emilia Tyslicka in 1952. "We were waiting for each other," said he with a smile, "even though we didn't know it."

Unwilling to break with their circle of friends, the Brzeks plan to remain in Sudbury. They are planning a trip to Poland to visit relatives they haven't seen for many years.

Frank Dravecky

Frank Dravecky has retired on full service pension after 39 years in the electrolytic department at the Port Colborne refinery. He had been head boxman since 1945.

Born in Hungary, Frank completed four years of high school, training to become a professional store clerk, after which he worked



Mr. and Mrs. Dravecky

in a large co-operative in Ungvar, Hungary. In 1922, he was called into the Czechoslovakian army for two years, and was discharged with the rank of infantry sergeant.

Frank sailed for Canada in 1927, and arrived in Port Colborne the following year, obtaining employment at the refinery.

Elizabeth Pisch and Frank were married at Port Colborne in 1930. They have two daughters, Mrs. Elizabeth Tanner of Niagara Falls and Mrs. Marion O'Brien of Waterford. Two grandsons complete the family.

Gardening and woodworking now become Frank's main occupations. He took up woodworking in evening classes at the local high school for two winters, preparing himself for his retirement.

J. H. Walter thanked Frank on behalf of the Company for his many years of faithful service and presented him with a gift of money on behalf of his fellow employees.

TOO LATE FOR TREATMENT

MacGregor and MacPherson decided to swear off whisky, but MacGregor thought it would be wise if they kept one bottle in the cupboard in case of illness.

After three days MacPherson could bear it no longer and said, "MacGregor, I'm not verra weel today."

"Too late, MacPherson," said MacGregor, "I was verra sick masel all day yesterday."

High Scoring Throughout Schedule As Red Bruce's Team Cleans Up in Creighton Club Men's League



Red Bruce's team swept the trophy table in the men's bowling at Creighton Employees Club, taking both the Carlo Transport trophy for the league championship and the Barnicott memorial trophy for the playoffs. The victorious lineup is shown above, Red Bruce, Charlie Trigg, Tom Jones, Dennis Cayen, Rally Pierce, and Al Penton. The calibre of bowling was consistently high throughout the season, with 67% of the league's 48 members averaging 200 or better, and the top five averaging 247.



At the Creighton trophy presentations are seen Tom Shannon, men's league secretary/treasurer; Lando Vagnini, donor of the Carlo Transport trophy; Vic Fabris, who bowled the season's high triple of 919; Red Bruce, whose 271 was the highest average in the league's history and who also collected the high single trophy with his 416; Lea Pavata, league president, who captained the winning team in the consolation playoff, and Creighton assistant superintendent Will Moore, who presented the Barnicott trophy.

Sylvio Quenville

The event that led to Sylvio "Leo" Quenville's retirement on disability pension, after 28 years with Inco, happened during a moose hunting trip to Geraldton in 1959. A stalled car, a push from a passing motorist with Leo



Mr. and Mrs. Quenville

standing on the bumpers to line them up, resulted in two broken and badly crushed legs. "It was one of these freak accidents," said Leo. "If there hadn't been a bump in the road it never would have happened."

Born in Copper Cliff in 1908, Leo was off to an ambitious start when, at age 17, he set himself up as a painting contractor. After 10 years of going it alone, he joined Inco's paint shop at Copper Cliff where he worked for one year. He switched to the reverberating building as a tapper, and for the last two years was a fettlerman.

Leo's marriage to Cecile St. Aubin, of Field, took place in 1935. They have one son, Sylvio, who lives in Oshawa with their two grandchildren.

Still an ardent outdoorsman despite his disability, Leo is planning to buy a tent trailer, fit it out to his own requirements, and take off after the fish at every available opportunity.

Peter Beaulne

A Frood employee ever since he joined the Company 38 years ago, Pete Beaulne retired recently on service pension.

Born in 1902 in Sudbury, Pete's first job at age 15 was on construction of the new highway between Westree and Shiningtree, through what is now part of the Timagami forest reserve lying between Sudbury and Timmins. Work in the lumber camps around Milnet and



Mr. and Mrs. Beaulne

claim surveying at Timmins followed, and then he turned his hand to running a 15-mile trap line at New Liskeard. After two successful winters, the area was closed to trappers and he returned to lumbering at Benny.

Pete was working at Espanola in 1929 when he married Agnes Constantineau and made his bid for steady employment at Inco. He has been a skiptender for the past 13 years.

Mr. and Mrs. Beaulne have a family of six: Ronald is in St.



Nickel Refinery manager Warren Koth speaks at the dinner at Port Colborne honoring retiring safety supervisor Len Hobbs. Head table guests shown are, from the left, Mrs. M. E. Young, assistant plant manager Vern Barker, Mrs. Hobbs and her husband, Mrs. Koth, and superintendent of safety M. E. Young. The sign in the background is a safety supervisor's dream; it proclaims a "Be Kind to Hobbs Day".

Len Hobbs Hailed At Port Colborne

Supervisor of safety and first aid at the Nickel Refinery, Port Colborne, for 23 years, Len Hobbs was given a great sendoff as he stepped into retirement with an outstanding record of almost 44 years of Inco service to his credit.

Over 100 colleagues and friends attended a dinner at the Rathfon Inn to honor him and his wife Winnifred.

Plant manager Warren Koth and other speakers lauded his work and spoke appreciatively of his eager co-operation and friendly spirit. He had gone out of his way countless times to do a good turn or lend a helping hand.

Superintendent of safety M. E. Young brought the congratulations and good wishes of those at Copper Cliff with whom the guest of honor had been in contact over the years.

Presentations of a travelling case and other tokens of esteem were made to Mr. and Mrs. Hobbs. James H. Walter, assistant plant manager, was master of ceremonies.

Considering the trials and frustrations to be endured by a safety supervisor, Len Hobbs wound up his long career a remarkably youthful 65.

Born in the County of Wiltshire, England, he commenced a six-year apprenticeship as a mill-



Len Hobbs exchanges congratulations with his successor as safety supervisor at the Port Colborne plant, Charlie Burke. In the foreground are Mrs. Hobbs and Mrs. Burke.

wright at the age of 14. On completing his apprenticeship he worked at his trade in London and also in Scotland.

Joining Inco at Port Colborne in 1923, he became crane mechanic in charge of the maintenance of all overhead cranes, an assignment he handled in a highly capable manner for the next 21 years. At one time No. 1 building had as many as 13 cranes operating, and the total cranes and hoists throughout the plant numbered 70.

He was appointed supervisor of safety and first aid in 1944, a responsibility that has since greatly increased with the expansion of the Company's operations.

He married Winnifred Waterman of Niagara Falls in 1930.

country around Chatham. In 1938 he moved to Welland and worked at Standard Steel, Port Robinson.



Mr. and Mrs. Doros

where he made anode bars for Inco's Port Colborne and Copper

Active and warmly regarded in community work, she is secretary of the Port Colborne Centennial Committee. They have two sons, Larry, a geologist residing in Richmond Hill, and Gordon, a research technician with Inco at Port Colborne. They are very proud of their six grandchildren.

The slipped ease of retirement holds little lure for Len Hobbs, whose nature it is to be busy. His hobbies are woodworking, photography, fishing and growing roses, at all of which he is unusually proficient, and they'll keep him on the hop. With the guidance of his son Larry he may even branch out as a prospector, roaming the rugged rocklands in search of a new mine.

Cliff refineries. In 1942 he joined Inco at the nickel refinery in Port Colborne. He was a day unitman at the time of retirement.

Married to Mary Simpf in 1925, George has a family of three: Martin, who operates the Bridgeview Coffee Shop in Port Colborne, Elizabeth (Mrs. John Cote) of Welland and George Jr., at home. Seven grandchildren complete the family.

His large vegetable and flower garden will be getting a lot of extra attention now from George, who takes justifiable pride in his well landscaped home.

Catharines, Geraldine (Mrs. Wilf Lavoie) lives in Toronto, Eileen is Mrs. Gene Grenon of Montreal, Gerald and Robert live in Sudbury, and Raymond attends school. Visiting 20 grandchildren and hunting and fishing at his Cartier camp will fill most of Pete's well-earned retirement years.

George Doros

Born in Hungary in 1902, George Doros farmed and served three years in the army prior to setting out for Canada in 1930. He settled first in the Tavistock-Woodstock region of Ontario and later moved to the sugar beet



Thompson Game and Fish Association's shooting range is a big factor in its junior hunter training program. Drawing bead on the bullseyes in this picture are Bill Thorpe, Martene Curry, John Maddson, Darlene Work and Andy Knight.

Junior Hunters Learn Safety With Firearms

A junior hunter safety training program, teaching a course prescribed by the Manitoba Department of Natural Resources, is a major project of Thompson Game and Fish Association.

Over 50 boys and girls 12 years and over have passed the six-hour course, entitling them to join the association's junior rifle club, and at least another 100 are expected to attain the coveted distinction this year. The hour-long classes in the safe handling of firearms are conducted by 15 qualified rifle shooting instructors, with Alex Popoff as senior instructor.

Thompson Game and Fish club was the 100th to affiliate with the Manitoba Wild Life Association. It has 420 members, expects to top the 500 mark this year. Newly elected officers are Ken Morrison, president, Bob Glencross, vice-president, Pete Timmerman, treasurer, and Alex Popoff, secretary.

Pledged to the conservation of wild animal, bird and fish life in the area, the members are also committed to study and spread knowledge of Manitoba wild life, and to assist constituted authority in the enforcement of laws and regulations concerning conservation.

The association's indoor small bore rifle and pistol range is one of the finest such facilities in the province. The building was donated from the Inco construction camp and established on its site on Nelson Road with substantial



Four leaders in the Thompson association's safety training of junior hunters are Arvo Sirikka, Jack Beattie, Ken Morrison and Alex Popoff.

assistance from various local firms and a lot of hard work by the members. Construction of a clubhouse and an addition to the shooting range are planned.

In addition to its conservation activities, which include fish planting in co-operation with the Department of Natural Resources, the very active association will assist the Thompson Centennial Committee in staging its big celebration in July, and will also organize a Sportsmen's Weekend celebration in September. A feature of this latter event will be a Centennial Shoot at the Association's well-equipped trap shooting grounds, where several very successful shoots were held last year.

Louis Core Also Worked For Inco at 'The Port'

The retirement on service pension of Louis Core, after more than 41 years with the Company, will be of interest to his many friends in the Sudbury area, and also to many oldtimers in Port Colborne who will remember him from his early years at the Nickel Refinery.

Louis was born in 1902 in Coray, close to the hills of Brittany in France. His family left



Mr. and Mrs. Core

there for Canada in 1913, settling in Montreal.

It was in 1920 that Louis joined Inco at Port Colborne to work as

a tuiere puncher in No. 1 building. Like his father, he was called back to France for three years of army service. Returning to the Refinery as a skimmer in 1926, he worked there until 1932 when he was transferred along with the Orford process to Copper Cliff. He continued skimming in the Orford building until 1948 when he became an electric furnace operator and relieving shift boss. His promotion to shift boss came in 1957.

It was while he was soldiering in France that Louis met Louise Mahe of Tourch, and they were married in 1923. Of their family of five, Simone is Mrs. Ab Barton of

Sudbury. Alice is married to Copper Refinery mechanical department foreman Al Lalonde. Louis Jr. lives in Montreal. Harriet is Mrs. Lee Dentinger of Kentucky, and Jacqueline lives in Lansing, Michigan, the wife of Don Heaphy. They have 11 grandchildren.

Plans for the future are unsettled as yet. "I never had a sick day during my working life," said Louis, who looks the picture of health, "but as soon as I retired I got a sore leg — hardening of the arteries they tell me — so now I'm just sitting around waiting to be fixed up with a little surgery." Until then, Louis is relaxing with books and television and toying with the idea of returning to spend his well-earned retirement years in France where he and his wife have many relatives.

Water Is Like Gold to World of Tomorrow

The dream of ancient alchemists was to turn lead into gold. The dream of latter-day chemists was to turn salt water into drinking water, and to do it economically on a large scale.

Right now, over 200 million people do not have access to a water supply that is ample and safe. By 1975, with a world population of over two billion, we will need an additional 70 trillion gallons of fresh water a year.

Fortunately, science is meeting the challenge through the development of new sea water conversion processes, and through the development of new and better metal alloys for conversion equipment. Nickel-containing alloys stand up under the vicious corrosive attack of salt waters as well as take the heat and cold of conversion cycles, alloys that can help insure that no man, woman or child will be without an adequate supply of water in the future. Today, more than ever before, technological progress depends upon metals. As a major contributor to research in metals, International Nickel is helping to make tomorrow happen.

Emile Mallette's First Aid Training Saved Boy's Life

A keenly interested spectator at the Parker Shield first aid final was Emile Mallette of Levack mine. Emile is something of a first aid celebrity himself, having been awarded a gold medal by the Chelmsford Town Council for his quick thinking in saving the life of a 2½-year-old boy by mouth-to-mouth resuscitation. The little boy fell into a water-filled drainage ditch.

Emile is seen (right) chatting with assistant to the general manager G. O. Machum (centre) and general safety engineer Jack Rickaby, who admired his gold medal. He took the first aid course at the mine after joining Inco three years ago, and can say from personal experience that a man never knows just how invaluable this training can be.

He is a member of the Chelmsford volunteer fire brigade.



At the annual banquet Alex Popoff became the first winner of the H. W. Peterson trophy, to be awarded each year to the member making the biggest contribution to further the aims and objects of the association.

APPOINTMENTS

A series of appointments in both the Ontario and Manitoba divisions of The International Nickel Company of Canada, Limited, was announced effective May 2.



H. W. Peterson

son, has been assigned to New York.

Mr. Wingate also announced the appointment of N. H. Wadge of Copper Cliff to the position of assistant vice-president — labour relations with his office at Toronto.

F. P. Todd, executive vice-president, Toronto, announced the following appointments: J. McCreedy as division general manager (Manitoba), G. O. Machum as assistant division general manager (Ontario), and D. E. Munn as assistant general manager (Manitoba). Mr. Todd also announced the transfer of J. B. McConnell from Thompson to Copper Cliff.

Appointments in the Ontario division at Copper Cliff were announced by J. A. Pigott, assistant vice-president and general manager, as follows: R. R. Saddington, assistant to the division general manager; J. B. McConnell, manager reduction plants; G. R. Green, manager of mines; M. E. Young, superintendent of mines; C. F. Hews, superintendent safety; R. M. Brown, superintendent diamond drilling.

N. H. WADGE

Born in Winnipeg, Norman Wadge took the first three years toward his engineering degree at the University of Manitoba, then transferred to McGill University at Montreal to complete the course in 1935 and, a year later obtained his master's degree.



N. H. Wadge

On graduation he returned to Frood mine, where he had worked underground as shoveller and timberhelper during the summers of 1934-35, and started in as a timberman. He advanced to shift boss, then safety engineer, and was a senior foreman when he joined the Royal Canadian Engineers in 1943.

On his return from the army in 1946 he was placed in charge of developing the upper levels at Frood, then became a general foreman and supervised installation of the water-borne sand fill system.

In 1949 he was underground superintendent at Frood, then at Stobie, and the following year became assistant superintendent at Garson mine, where he was appointed superintendent in 1952. His

appointment as manager industrial relations at Copper Cliff was made in 1954. He became assistant to the general manager in July 1965.

He is married, with three daughters.

J. McCREEDY

A native of Winnipeg, John McCreedy obtained his early mining experience with Lake Shore Mines of Kirkland Lake and Consolidated Mining and Smelting at Trail.

He played professional hockey and was a member of the Toronto Maple Leafs during two Stanley Cup championship years. From 1942 to 1945 he served with the RCAF.

Entering the University of Toronto in the fall of 1945 he graduated in 1949 with his mining engineering degree.

He then joined Inco in the Frood mine engineering office.

In 1951 he became mines production engineer at Copper Cliff, after which he was a shift boss at Creighton and subsequently safety engineer and then general foreman at Levack mine.

He was appointed assistant to the superintendent of mines in 1959, and assistant to the manager of mines in May 1960. His appointment as superintendent of mines was effective March 1, 1962. He has been manager of mines since January 1964.

He is married, with one daughter.

G. O. MACHUM

Born in St. John, New Brunswick, Gordon Machum spent his boyhood in Mimico, Ontario. Following war service he graduated from the University of Toronto in 1949 in metallurgical engineering, and immediately joined the staff of Inco's copper refining division in Copper Cliff, starting in the casting department where he later became assistant to the superintendent.



G. O. Machum

In December 1957 he was appointed assistant to the manager at the Copper Refinery, and in February 1959 was transferred to the Port Colborne nickel refining operations in a similar capacity. He became assistant manager there in July 1961. He returned to Copper Cliff as assistant to the general manager in July 1962.

An armored corps reinforcement officer in World War 2, he holds the rank of major. From 1953 to 1956 he was commanding officer of 33rd Technical Squadron RCEME, Sudbury.

He is married and has four sons and two daughters.

D. E. MUNN

Born at Chesley, Ontario, Donald Munn attended the Haileybury School of Mines.

He was one of a group of 12 graduates who came to Inco from the Haileybury school in 1938. At Frood mine he worked underground and then in the efficiency department. He had been transferred to the open pit when he enlisted in the RCAF in 1942. He returned to Inco in 1945, then the following year entered Queen's University, Kingston, from which he graduated in 1950 with a mining engineering degree.



D. E. Munn

After four years in the mine efficiency departments at Frood and Copper Cliff he transferred to the industrial relations department.

He went to Thompson in April, 1960, as superintendent of personnel and was appointed assistant to the general manager in September 1965.

He is married, with two daughters.

R. R. SADDINGTON

A native of Winnipeg, Robert R. Saddington attended the University of Manitoba for two years before transferring to Queen's University where he graduated in metallurgical engineering in 1937.

That year he joined Inco at Copper Cliff as a smelter worker, then becoming a test engineer.

He was made assistant to the smelter superintendent in 1941, assistant smelter superintendent in 1946, and assistant superintendent of smelters in 1948.

In October, 1954, he became superintendent of Copper Cliff smelter, and in January, 1955, superintendent of smelters. He was appointed assistant manager of reduction plants on July 1, 1956 and acting manager on January 1, 1957.

His appointment as manager reduction plants was made in January 1958.

He is married, has one daughter and one son.

J. B. McCONNELL

Jack McConnell joined the Company at Copper Cliff in 1947. In 1956, following assignment in various departments of the Copper Cliff plant he became assistant superintendent of the Coniston smelter. He returned to Copper Cliff in 1958 as assistant superintendent at the Iron Ore Recovery Plant, and moved from there to Thompson in 1960 to start up the new smelter as its superintendent. He was appointed superintendent of surface operations on July 1, 1964, and assistant general manager in September 1965.



J. B. McConnell

Born in Saskatchewan, Mr. McConnell graduated from the University of Alberta in 1934 with the degree of bachelor of science in mining and metallurgy. He worked as a miner, assayer, mining engineer and geologist for various interests in British Columbia, Ontario and Quebec until 1939, then joined Algoma Steel as superintendent of its new plant at Wawa. He was assistant manager and chief metallurgist when he resigned to come to International Nickel.

He is married, with one son.

G. R. GREEN

G. R. Green, who has been superintendent of mines since January 1964, started originally with the Company in 1937. He was a shift boss at Creighton

when he left in 1946 to attend Queen's University, from which he graduated in 1948 with the degree of B.Sc. in mining engineering.

On his return to Inco he became a foreman at Levack mine, remaining there from 1948 to 1951 when he was transferred to Stobie as a general foreman. He later was a general foreman at Creighton, then from 1957 was assistant mine superintendent, first at Murray and then at Frood. He was appointed assistant to the superintendent of mines in April 1962.

He was born in Ottawa. He is married, with two sons.

M. E. YOUNG

Son of the late F. W. Young, who worked at Garson for Mond Nickel and subsequently for Inco, Mel Young was born in Sault Ste. Marie but came to Garson at the age of eight.

He graduated from Sudbury High School in 1938 and from Queen's University in mining engineering in 1943. Following his army service he enrolled at Queen's for an additional year in a special course in industrial relations.

He had worked for International Nickel during summer vacations commencing in 1937, and on his return was posted to Frood as an efficiency engineer, after which he joined the underground operations. In 1952 he was appointed assistant superintendent at Garson mine, then moved to Levack in the same capacity in 1954. He came to Copper Cliff in January, 1961 as

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Inco's Part

Continued from Page 2

our research efforts in developing new uses for nickel. The success of these efforts is obvious today; and, of course, they are continuing, with an eye on new markets tomorrow and the tomorrow after that. At the same time, we have been carrying on another type of research with great vigor—that is, research on new and improved methods for getting ore out of the mines and improved processes for extracting nickel and other metals from the ore.

The year 1966 marked the completion of our new J. Roy Gordon Research Laboratory at Sheridan Park, Ontario. This is part of a complex of extractive metallurgy research and pilot plant facilities in Canada, which we believe is unmatched anywhere in the world. Our research facilities have made important contributions to the Company in the past and will make still greater ones in the future. They hold, we believe, great promise for the development of further new and improved extractive processes for both sulphide and lateritic ores.

Governmental Policy

The function of International Nickel is to provide metals to meet man's needs. In so doing, we make a direct and valuable contribution—and in the process, many indirect but equally valuable contributions. But neither we nor any business operate in a vacuum—alone—or independently of society. It controls us.

The soundness of government fiscal and taxation policies, and their stability as a foundation for long-term plans and investments, do have a very real bearing on whether, where, and when mining projects are started, maintained or expanded.

Where ore bodies do not exist, no amount of encouragement by governments can bring them into being. Conversely, however, the existence of ore in the ground does not mean that it will be found. And if it is discovered, it does not necessarily follow that it will be developed and thus create jobs, payrolls, homes—a whole new industry, and with it secondary industries. And whatever is discovered will inevitably be exhausted and must hopefully be replaced by timely new discoveries.

The Front Cover

The massive strength of the coarse ore bin at the new Frood-Stobie mill is indicated in the construction picture appearing on the Triangle's front cover.

The final pour of concrete is shown underway. Atop this 90-foot base will be erected a steel superstructure 85 feet high in which will be housed screens, conveyors, and an elaborate ore sampling system.

With a live storage capacity of 4,000 tons, the new bin will receive ore by conveyor from both Frood and Stobie mines. From the bin the ore will be conveyed to the mill crushing plant, from which it will proceed to the grinding and flotation circuits.

The new Frood-Stobie mill, with a capacity of 22,500 tons per day,

is scheduled for completion late this year. It is a \$32,000,000 project.

Although the coarse ore bin will be an imposing structure, it will be dwarfed by the concrete headframe of the new Frood-Stobie 9 shaft to be erected alongside it, which will be over 300 feet high.

Appointments

Continued from Page 19

assistant superintendent safety, and became superintendent in September 1962.

He is married, with two children.

C. F. HEWS

Charles Hewes was born in Ottawa but his family's home was at Webbwood. He attended Sudbury High School. Graduating in 1950 from Queen's University with a bachelor of science degree (mining) he worked at the McIntyre mine at Timmins but two years later joined International Nickel, starting at Creighton in the efficiency department.

In 1956, after several months' experience in the mines department at Copper Cliff he became safety engineer at Levack, after which he held the positions of divisional foreman, general foreman, and underground superintendent. He was appointed assistant superintendent of Levack mine on January 1, 1964. He has been superintendent diamond drilling since July 1965.

He is married, with four children.

R. M. BROWN

Born in Toronto, Ron Brown graduated from the University of Toronto in 1959 with a degree in mining engineering, and immediately joined International Nickel in the engineering office at Creighton mine.

Transferring to the underground operations nine years later as shift boss, he became a divisional foreman.

He moved to Murray mine in 1962 as assistant superintendent, and then in January 1964 to Levack mine as underground superintendent.

He is married, with three daughters.

TOOK THE BITE OUT OF IT

A columnist, writing in one of the country's religious papers, said, "This reminds me of the clergyman who, finding the task of writing two sermons a week too much for him, wrote one and preached it on Sunday morning with his teeth in, then preached it again on Sunday evening with them out."

Copper Cliff's Big Bash May 22

A day to remember for thousands of young and old alike will be May 22, when Copper Cliff stages its big Centennial celebration. No district in the whole nation has more cause for pride and thanksgiving on Canada's 100th birthday than the Nickel Belt, and no place could be more appropriate for a party than the town where the great nickel industry got its start over 80 years ago.

At 7:30 a.m. on the 22nd an opening salute will bring the natives springing from their beds to attend the flag-raising ceremony in the Copper Cliff park at 8:30, and from then until the early hours of the next day it will be one grand round of entertainment.

Official Opening of New Library

At 10:00 the colorful Centennial parade, with half a dozen bands, a dozen floats, costumed characters and many marching groups, will proceed through the streets. At 11:00 the main event of the celebration will take place with the dedication and official opening of Copper Cliff's Centennial Public Library at the corner of Balsam Street and Garrow Road.

The afternoon will be jam-packed with activity. Sharp at 1:30 a program of children's races will get underway, with specially struck silver and bronze Copper Cliff Centennial medallions as prizes. During the afternoon there'll be a baseball game, a lacrosse game, a rug-o-war, a band concert, piping, and special entertainment including Scottish dancing, followed by a big steak barbecue at the west end of the park. There'll be five booths of children's games and lots of hot dogs.

In the Community Hall the ladies of the town will serve tea at an exhibition of beautifully costumed dolls portraying characters in Canada's history. A collection of coins, and paintings by local artists, will also be on display. A rest centre will be operated on the second floor of the hall.

Huge Hootenany in Stanley Stadium

Three big dances will swing into action at 8:00 p.m. A huge hootenany with four go-go dancers cavorting in their cages will raise the roof at Stanley Stadium, while other dances will be held at the Legion Hall and the Italian Club for those less vigorously inclined. At 8:30 there'll be a sunset ceremony for the lowering of the flag in the park, and at 10:00 there'll be a monster fireworks display.

On Sunday evening, May 21, an interdenominational service of thanksgiving and praise will be held in Stanley Stadium, commencing at 8:00 o'clock. Massed church choirs, the Copper Cliff Public School choir, and clergy and laymen from the town's four congregations will take part.

Copper Cliff Centennial chairman Donald Taylor and his crack committee are busy putting the final touches to a program worthy of the great occasion.

Copper Refinery Dance Draws 270



A real dancing crowd, most of the 270 who attended the annual Copper Refinery Athletic Association dance at the Caruso Club were still game for more when, in the early hours of the morning, the Commodores struck up the last waltz. One talented guest added to the gay party mood by turning on in an impromptu Go-Go dance for which she got a big hand. The usual tireless trio of Bud Eies, Jimmy Tasto, and Louis Prete organized the very successful affair, which included a midnight feed of chicken and spaghetti. Shown above taking a breather between dances are Ernie Desjardins, Jean Molyneux, Loretta Bedard, Dorothy and Bill MacDonald, Evelyn and Jim Morrison, Medric Lasier, Evelyn Fox, Theresa Duiron, Bill Perreault, Andy Guthrie and Len Bedard.