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Thompson Brownies

(Story on Page 2)



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Chemical Engineers Give Highest Honor To Louis S. Renzoni

The highest honor in Canadian chemical engineering has been awarded to Louis S. Renzoni, vice-president and manager of process research (Canada) of The International Nickel Company of Canada, Limited, Toronto.

Announcement of Mr. Renzoni as recipient of the R. S. Jones memorial lecture award of The Chemical Institute of Canada was made at Vancouver by the Institute's president, Dr. I. E. Puddington.



Dr. I. E. Puddington presents the R. S. Jones award to Louis S. Renzoni.

ton, at the 51st Canadian Chemical Conference and Exhibition. Presentation of a \$300 honorarium and a scroll took place at the annual banquet.

Mr. Renzoni will deliver the award lecture at the International Tripartite Chemical Engineering Conference in Montreal in September.

Mr. Renzoni has had a prolific career in research and development and holds patents on extractive processes in nickel metallurgy. One of the achievements for which he is internationally known is the development of direct electro-refining of nickel from nickel sulphide. It is on this research and development work that Inco's electro-refining plant at Thompson, Manitoba, is based.

Born in Copper Cliff in 1913, he received his bachelor of science degree in 1935 and a master of science degree in 1936 from Queen's University, Kingston.

He joined International Nickel in 1937 as a research chemist at Port Colborne. In 1944, he was appointed superintendent of research at the nickel refinery and four years later was made assistant superintendent of research at



"Holy smoke! This sure must be an old drift."

Copper Cliff. He became superintendent of research at Copper Cliff in 1956 and was transferred to the Company's offices in Toronto in 1960, as manager of process research (Canada). In April, 1964, he was appointed assistant vice-president.

Mr. Renzoni has received several achievement awards including the gold medal of the metallurgical society of the American Institute of Mining, Metallurgical and Petroleum Engineers, and the H. T. Airey memorial lecture award of the Canadian Institute of Mining and Metallurgy.

CAVALCADE OF MUSIC

Nine hundred children from Port Colborne's elementary schools took part in a "Cavalcade of Music" at the Inco Recreation Hall on June 14.

A capacity audience showed enthusiastic appreciation of the inspiring choral festival, which will probably be established as an annual event.

Robert Wood, supervisor of music for the Port Colborne board of education, was in charge, and directed the massed choir of the junior schools in several numbers, with "Somewhere a Child is Singing" as the finale.

Spectacular Structure

The Verrazano-Narrows Bridge in New York contains three times the steel of the Empire State Building; its twin towers are as tall as a 70-story building; and its four cables could support the Queen Mary. Engineers predict that the bridge should last forever thanks to modern metals such as nickel alloy steels.

Inco's Agricultural Achievement Related To Waste Conference

The conversion of barren areas of mine tailings to green pasture land was described in a paper delivered at the 15th Ontario Industrial Waste Conference at Niagara Falls by T. H. Peters, a member of The International Nickel Company's agricultural department.

The disposal of tailings, the sterile rock waste of the mill, has been of considerable concern to the mining industry. They cannot be dumped into streams or lakes as they would cause a pollution and silting problem. At International Nickel's Copper Cliff operations the tailings are dumped in saucer-shaped areas where the rock settles out and the clean water is decanted from the centre of the depression.

As the area becomes filled the tailings around the edge dry out and another problem arises. In areas exposed to wind the dry, loose tailings can be stirred up into a dust storm.

Over 500 Acres Converted

Some years ago the problem of stabilizing the dry tailings was put to International Nickel's agriculturists. After many years of trial and error they have developed a unique technique for growing grain and grass on the barren tailings. The result is that not only are the tailings stabilized but the area is converted from a grey desert to lush green pasture land. To date over 500 acres have been converted to gently sloping grassland.

Tests are continuing to find even

better, more economical ways of growing vegetation on the tailings, but a standard practice has been evolved from the work done since the first crop of grass appeared on a small test plot in 1957.

The first task is to condition the acid tailings with a heavy application of ground limestone about six weeks before seeding and again immediately before seeding. Fertilizer is applied and the area seeded with a mixture of grass and Fall rye. The rye protects the grass during the first two years of growth. Snow fencing is often used to prevent the seeds from being blown away or covered by drifting tailings. Seeding is done towards the end of July as it has been found that the heavy dews are sufficient to provide all the moisture the seeds need and artificial irrigation is not required.

Leave Stubble for Protection

When the rye is harvested the following year, a 10-inch stubble is left to collect snow during the winter for protection for the grass. The grass is cut each year and the hay sold to local farmers to feed their livestock. To maintain the growth, fertilizers are applied annually after the harvest. In recent years spontaneous tree growth has begun on the grassed areas and, in time, it is possible that the entire area will become forested.

International Nickel's agricultural department, one of the few such departments in the mining industry, is believed to be the first in the Western Hemisphere to grow vegetation on tailings areas.

THE FRONT COVER

300 Brownies at Thompson Rally

When the Triangle's Thompson reporter, Ron Gnyra, was covering the third annual Brownie rally at the Recreation Centre, the girls decided to elect him Honorary Brown Owl. The experience shook him a little, but he hung on to his cool and came away with the nice shot of smiling faces that appears on our front cover.

There were 300 Brownies from Thompson's nine packs in attendance at the very successful rally. The afternoon began with a Brownie Ring, followed by songs and games, barbecued hot dogs, cakes, ice cream. The Brownie prayer and taps brought the program to a close.

Mrs. D. Morris is division commissioner of the Thompson Brownies, with Mrs. C. Alguire as commissioner of Burntwood district and Mrs. E. St. Goddard as commissioner of Cambrian district.

The nine pack leaders whose interest and enthusiasm is the key factor in the growth and success of the organization are: No. 1, Mrs. P. Helburg; No. 2, Mrs. G. Romanis; No. 3, Mrs. T. Raynor; No. 4, Mrs. G. Bercier; No. 5, Mrs. H. Maddison; No. 6, Mrs. D. Tilling; No. 7, Mrs. P. Timmerman; No. 8, Mrs. Wm. Harrison; No. 9, Mrs. R. Jarvis.



A crane man in the anode department of the Port Colborne refinery, Raymond Damude has been an Inco man since 1955. He and his wife Dorothy, with some help from the young fry, are busy re-modelling the interior of the old family home at nearby Sherston, which was built in 1858. It sits on 26 acres of fertile farm land, which will make a bigger garden than Ray really wants to look after. The children are Raymond Jr., 10, Danny, 9, Jeffrey, 7, Leisa, 5, and Lori, 4.



Five acres of the Waters Township farm on which he was born is where Copper Refinery payroll clerk John Koski and his family have their home. John joined Inco in 1951. A member of the Manitou Flying Club, he has held his pilot's licence since 1946 and is the proud owner of a peppy little Piper Cub. He has been a member of the Waters school board for 11 years. With John and his wife Eila are their family of Judy, 15, Ken, 17, and Sharon, 11. Both girls are accomplished accordionists.



The age spread between the oldest and the youngest in the family of Copper Cliff electric shop winder Loyal Lagrove and his wife Anita has its advantages, built-in baby sitters being one of them. Born in Madrid, N.Y., and brought up in Cornwall, Ontario, Loyal joined Inco at Froid in 1947, worked underground for five years, and then on surface with the mechanical department before his move to the smelter electrical shop in 1953. Their happy band are Sylvia, 9, Jacques, 15, Danny, 7, Jocelyne, 13, and Marc, 3.



These are the happy Houles of Dell Street in Sudbury — all 13 of them. Head of the household, Stobie skiptender Ed came from a family of 12 and so did his wife Georgette, so the hustle and bustle and fun of a big family is nothing new to them. In the back row are Francoise, 7, Denis, 10, Collette, 12, Diane, 14, Gloria, 18, and Suzanne, 20. In front with their parents are Bob, 16, Pierrette and Pierre, 3, Carole, 5, and Marcel, 22, who works in the reverb building at the Copper Cliff smelter. Ed joined the Company at Froid in 1942, moved over to Stobie last year.



Norm Kalika worked for the Foundation Co. on construction of the Thompson plant, then stayed on with Inco and is now a mechanical foreman. His wife Alice is employed in the accounting department. Their family are Dale, 12, Russell, 20, Janice, 15, and Terry, 17. Hockey (Norm is president of the Thompson senior league), curling, fishing and music are favorite interests of this pleasant group.



It was in 1951 that Val Lanteigne took his last trip out into the Gulf of St. Lawrence as a commercial fisherman on a two-masted fishing schooner. He left his home town of Lameque on Shippegan Island, New Brunswick, for Creighton mine where he works underground as a switch conductor. With Val and his wife Lucile, a Coniston girl, are their charming family of Claire, 7, Colette, 12, and Gilles, 10.

50% PRODUCTION INCREASE

New Pit and South Extension Now Operating at Clarabelle

Ore production from the Clarabelle open pit mine was boosted 50% this month when the new No. 2 pit near Murray mine swung into full production.

Clarabelle now has a minimum capacity of 9,000 tons per day. A quick source of ore, it can readily adapt to increased schedules when necessary to level out production or grade from Inco's underground mines in the Sudbury district.

Ore from the new No. 2 pit is hauled by truck to a raise connected with the Murray mine orepass system, crushed at the 1500 level station, and hoisted to surface from the 1650 loading pocket for shipment by rail to the Copper Cliff reduction plants. This arrangement neatly eliminates the necessity of erecting a new crushing plant at the pit, without placing undue strain on the Murray mine facilities.

Powerful New Equipment

One of Clarabelle's three new Bucyrus-Erie 6-cubic-yard electric shovels, and a B.E. 45-R rotary drill, have been assigned to the No. 2 pit, along with new 35-ton Haulpak trucks from the mine's fleet of 18. The older 4½-yard shovels will be brought into service as required. A service garage and office have been built.

To maintain its production of 3,000 tons of ore per day, No. 2 pit will have to remove approximately 12,000 tons of waste rock per day during the mining of the upper benches. As the pit progresses the amount of rock to be

handled will gradually decrease until eventually it will reach a 1-to-1 ratio.

Some 1,200 feet long by 700 feet wide, the pit has a projected depth of 340 feet, at which stage mining will be taken over from underground by the Murray operations.

Preparation of the No. 2 pit commenced last August, when a contractor moved in to strip the overburden from the orebody. Approximately 575,000 cubic yards of rock was removed.

Meanwhile, back at the home ranch—the No. 1 pit near the new Copper Cliff North underground mine—Clarabelle has shifted emphasis for the next two years to mining its South extension, an area about 1,500 feet by 350 feet, located approximately 400 feet south of the main pit.

Assists North Mine Planning

In order to accelerate the planned production of Copper Cliff North, the South extension will be mined at the rate of about 4,000 tons per day until it reaches a depth of 250 feet. The North's underground operations will then mine through and recover the surface pillars. During this two-year interval Clarabelle's main pit and North extension will produce at the rate of about 2,000 tons per day, but at its conclusion they will resume a full schedule.

To permit the mining of the South extension a dam 1,000 feet long, with a maximum height of 80

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Other new equipment at Clarabelle includes this 45-R rotary diesel-electric drill, which can drill a 9-inch blast hole 46 feet deep at a single pass. It has been put into service at No. 2 pit. The mine has two other rotaries which drill 9-inch holes 27 feet deep.

12 Tons at a Bite

In this closeup one of Clarabelle mine's three new electric shovels is loading a sturdy 35-ton truck, of which the mine has a fleet of 18. The powerful shovel weighs 230 tons, stands 38 feet high to top of its boom sheaves, scoops up about 12 tons of ore in its 6-yard dipper. Caterpillar mounted, it travels at a sedate 1 mile per hour when changing location. The older 4½-yard electric shovels at the mine are used for auxiliary service.



The New No. 2 Pit

Operations are in full swing at the new No. 2 pit of the Clarabelle mine, as seen in this view looking westward. The electric shovel is loading ore at the first bench, while preparation of the second bench is underway. The picture was taken from the top of the rotary drill mast. In the distance are the townsite and surface buildings of the Murray underground mine.



The South Extension

Lady MacDonald Lake had to be dammed and 200-million gallons of water pumped out to permit mining the South extension of Clarabelle No. 1 pit, the scene of this activity. Trucks await their turns for loading by the 6-yard shovel, while an 824 dozer keeps the loading area clean. Up on top of the first bench a rotary drill is completing a round of holes for the next blast, and (left) a powder slurry pump truck stands ready to load the holes with explosive.

View of the Main Pit

This view shows part of the main area of Clarabelle No. 1 pit, with one of the three new 6-yard electric shovels at work and a rotary drill operating on top of the bench. A 4½-yard shovel can be seen standing by on the left. The loaded trucks ascending the ramp are coming from other activity in the Northern extension. The Clarabelle crushing plant is at the left of the group of buildings at top right, standing beside the head-frame and surface buildings of the new Copper Cliff North mine.





Surrounded by friends and workmates, Titus Kujula is farewelled at Creighton No. 3 shaft. Mine superintendent Earl Mumford presented him with a wallet of money and a long ribbon bearing the names of 200 well-wishers. Also thanking him on behalf of the Company for his long and faithful service were assistant mine superintendent Will Moore and general foreman Charlie Quinn.

Titus Kujula

Esteemed veteran at Creighton No. 3 shaft, Titus Kujula has stepped into retirement with the good wishes of a host of friends.

A large crowd from underground gathered in the warm room for his official leave-taking at the end of the shift. "I never thought I had so many friends," said Titus, shaking his head in wonderment at this evidence of his popularity.

More than 35 years of Inco service, 29 of them at Creighton, is the fine record of the quietly genial Titus.

Born at Lappajarvi, Finland, in 1904, he came to Canada in 1929 at the urging of friends who had located at Garson. He soon had a job at Frood mine but got caught by the depression layoff, and it wasn't until early in 1933 that he was taken on again, this time separating "tops and bottoms" in the Orford building at Copper Cliff. At that time he got to know Judson Webb, the Inco pensioner who celebrated his 100th birthday on July 6.

Titus was transferred to Creigh-

ton mine in 1939, a move for which he has always been thankful. "There is good spirit there," he says. "Everybody friends and work together."

Mr. Kujula was married in Sudbury in 1930 to Anna Rantatalo, who came from the same district in Finland that he did. They took a trip back to the old haunts five years ago.

Their son Bob works in the electrical department at Copper Cliff, and has a camp at Long Lake. They have two granddaughters.

Through the trees at their comfortable home on a rise of land near the Lively turnoff they can watch the cars traveling back and forth to Creighton at shift change. Titus isn't quite sure yet if he's glad or sorry not to be in the parade any more.

Appointment

G. R. Green, Ontario division manager of mines, announced the appointment of A. P. Olive as project superintendent, Shebandowan mine, effective June 1.

Mr. Olive has been located at the Company's new mining development 50 miles west of Fort William - Port Arthur since November 1.



A. P. Olive

Born in Stettler, Alberta, Al Olive graduated from the University of Alberta in 1932 in mining engineering. He joined Inco at Frood mine in 1934, worked underground and then in the efficiency and engineering departments, and went to Creighton mine in 1942 as a foreman. He was later a general foreman at Creighton.

Prior to leaving for Shebandowan he was engaged in data processing studies in the mines department at Copper Cliff.

He is married to the former Gladys Dakin, and has two sons.

He was assistant superintendent of the Stobie section of Frood - Stobie mine for 14 years, and was also assistant superintendent at Murray mine.

Mechanical Pension Club Had Big Annual Banquet

Sixteen new pensioners from the maintenance department at Copper Cliff received the traditional gold watches when the department's pension club held its annual dinner at the Italian Hall.

Honored were J. Chapman, R. A. Temple, J. Prier, E. T. Saville, G. A. Costello, I. Short, G. T. Warren, G. Schnare, J. Quenneville, A. J. Lalonde, J. Mihalcin, A. Piccini, T. A. O'Connor, J. A. Beaudry, P. Poran, P. Frappier.

A bang-up stage show from Toronto featuring the inimitable old trouper Doug Romaine and other stand-out acts, topped off the program.

Jack O'Hara was the chairman and presented the watches. The pension club president, Harry Costello, headed up the committee which made such a fine job of the arrangements. Bob Garrow is secretary of the pension club.

Indonesian Ambassador and Party Guests of Inco



International Nickel was honored by a visit to its Copper Cliff operations from the Indonesian ambassador to Canada, His Excellency Commodore R. Darmabandoro, with his wife and party. The Indonesian government recently chose Inco's proposals covering exploration and possible development of nickel deposits on the island of Sulawesi (Celebes). Shown above inspecting a display of precious metals products at the copper refinery are: Inco division general manager J. A. Pigott, R. Ma'mun, first secretary of the Indonesian embassy, Ottawa; C. E. Michener, assistant to the vice-president, Inco, Toronto; Graham Dick, copper refinery manager; the ambassador; C. Soejarman, press secretary, Indonesian embassy.



Mrs. R. Darmabandoro, wife of the Indonesian ambassador (second from right) and Mrs. R. Ma'mun (centre) were accompanied during their tour by (left to right) Mrs. C. E. Michener, Mrs. R. R. Saddington (whose husband is assistant to the division general manager), Mrs. Graham Dick, Mrs. J. A. Pigott, and Mrs. J. E. Dawsett (whose husband is chief geophysicist).

23rd Award for Creighton Mine

It was the 23rd time that Creighton had won a special safety award when on June 13 the mine completed one million consecutive safe man hours.

Creighton worked the period from March 19 to June 13 without a lost-time accident, a total of 1,030,917 man hours, and is still going strong.

In extending congratulations to the men and supervision, safety superintendent Charles Hews noted: "The fact that they overcame problems in early 1968 reflects the great strength and stability of the safety program at Creighton."



R. H. BROWN
Area Superintendent
Crean Hill and Totten
mines



M. A. CREET
Area Superintendent
Murray mines and
Clarabelle pit



B. T. KING
Area Superintendent
Garson, MacLennan
and Kirkwood mines



D. LENNIE
Area Superintendent
Levack and Coleman
mines



J. A. MASSEY
Area Superintendent
Copper Cliff
North and South mines



E. E. MUMFORD
Area Superintendent
Creighton mine



S. J. SHERMAN
Area Superintendent
Frood-Stobie and
Little Stobie mines

SUPERVISION ANNOUNCED FOR NEW OR DEVELOPING INCO MINES IN THE SUDBURY DISTRICT

With the expansion of International Nickel's mining activities in the Sudbury district, superintendents at the Company's operating mines have been appointed area superintendents, in charge also of the new

or developing mines, as indicated above. J. A. Pigott, general manager of the Ontario division, announced these appointments, effective July 2.

Vacation Safety

Prepared by the
INCO SAFETY DEPARTMENT

Summer is here and with it comes that happy event the summer vacation. For the past few months we have been planning our holidays and feel that at last we are ready to go. But STOP, have we thought of everything? Have we put a little Safety into our planning?

No holiday can be completely successful if it involves injury to ourselves or any member of our family. We must take a little time to think of the potential hazards in our vacation plans.

With this in mind our Company is offering to all its employees a booklet entitled "Family Camping". It is intended as a complement to the "Family Almanac" issued earlier this year. It is hoped that these two booklets will accompany you on your vacation and help make your holidays the best ever.

Let us take a look at some of the main points covered in "Family Camping".

Full of Helpful Hints

Since any trip involves travel, and for the most of us this will be by car, we have a section on road safety. This does not include traffic rules, with which we are all familiar, but it does offer many helpful hints designed to eliminate some of the hazards of travelling. For instance, do you know the best way to cool an overheated engine? How much of a load is a safe load for your car? Do you have all the standard items you will need in case of a breakdown on the highway?

For those of us who are planning a camping vacation do you know what to look for in the choosing of a campsite? Do you know what to avoid? Has your family the proper clothing and equipment to fully enjoy themselves out-of-doors?

In the area of "Water Safety" have you a clear, concise instruc-

tion sheet on mouth-to-mouth resuscitation within easy reach? You have if you have "Family Camping" with you.

Have you thought about the water you will use, types of food best suited to camping, garbage disposal and sanitation? Many a helpful hint will be found in the booklet.

Care in Using Fire

Some of the most useful information given is in the section dealing with fire. We use fire in many ways when camping. In cooking we will be using stoves which require fuel such as wood, gas or low pressure fuels. Some of us will use the open campfire. Read the best ways of using each one.

The tools we take with us present their own special hazards. Learn how to handle the unfamiliar ones.

We can avoid unnecessary trouble with animals if we understand their habits and how to avoid them. Other potential trouble makers can be handled too if we read the sections on insects and flying pests, poisonous plants and berries found in the woods.

With these two booklets, "Family Camping" and "Family Almanac", we can avoid most of the hazards of a summer vacation. Take them with you on your holidays.

Wilf Thompson

Wilfred Douglas Thompson started to work at the Port Colborne nickel refinery with the bricklayers on October 18, 1928 but soon transferred to the purification section of the electrolytic department where he worked for the next 18 years. He was a sub-foreman for the following 10 years and in December 1956 became tank house foreman, the position he held at the time of his early service retirement.



W. Thompson

Wilf was born in Dunnville in 1908 and his family moved to Port Colborne two years later. After leaving school at an early age, he worked at various jobs around the Welland Canal and as a bread salesman before he came to Inco.

In sports, he excelled as a bowler

and as a pitcher in both baseball and fastball.

In 1930, he married Ruby Beam. Their family of five included a set of triplets. One son, Robert, already has 20 years of service in the nickel refinery mechanical department. Wayne lives in Kitchener and the triplets Kay, Kevin

and Karen (Mrs. Robert Sykes) all live in Port Colborne. There are four granddaughters and four grandsons. Mrs. Thompson died in April of this year.

After a trip to Vancouver, Edmonton and Winnipeg to visit friends and relatives, Wilfred plans to "take it easy" for a while.

Taught Three Generations at Coniston



Three generations of a Coniston family who were all her pupils are shown here with Miss Veronica Drohan: Yolanda Ceverson and her husband Victor Boldisera, their daughters Eleanor Mosotti and Jean McNair, and their grandson Rodney McNair. Another daughter, Elaine Boldisera, was also taught by Miss Drohan.

An outstanding record of 46 years in the teaching profession, all at Coniston, has ended for Miss Veronica Drohan with her retirement last month on pension.

Three generations of four Coniston families have attended her classes at Our Lady of Mercy School. Her "graduates" include people in many professions. Three are members of the Coniston school board. Another is the town's mayor, Mike Solski. Another is Ugo Comacchio, who was master of ceremonies at her farewell banquet.

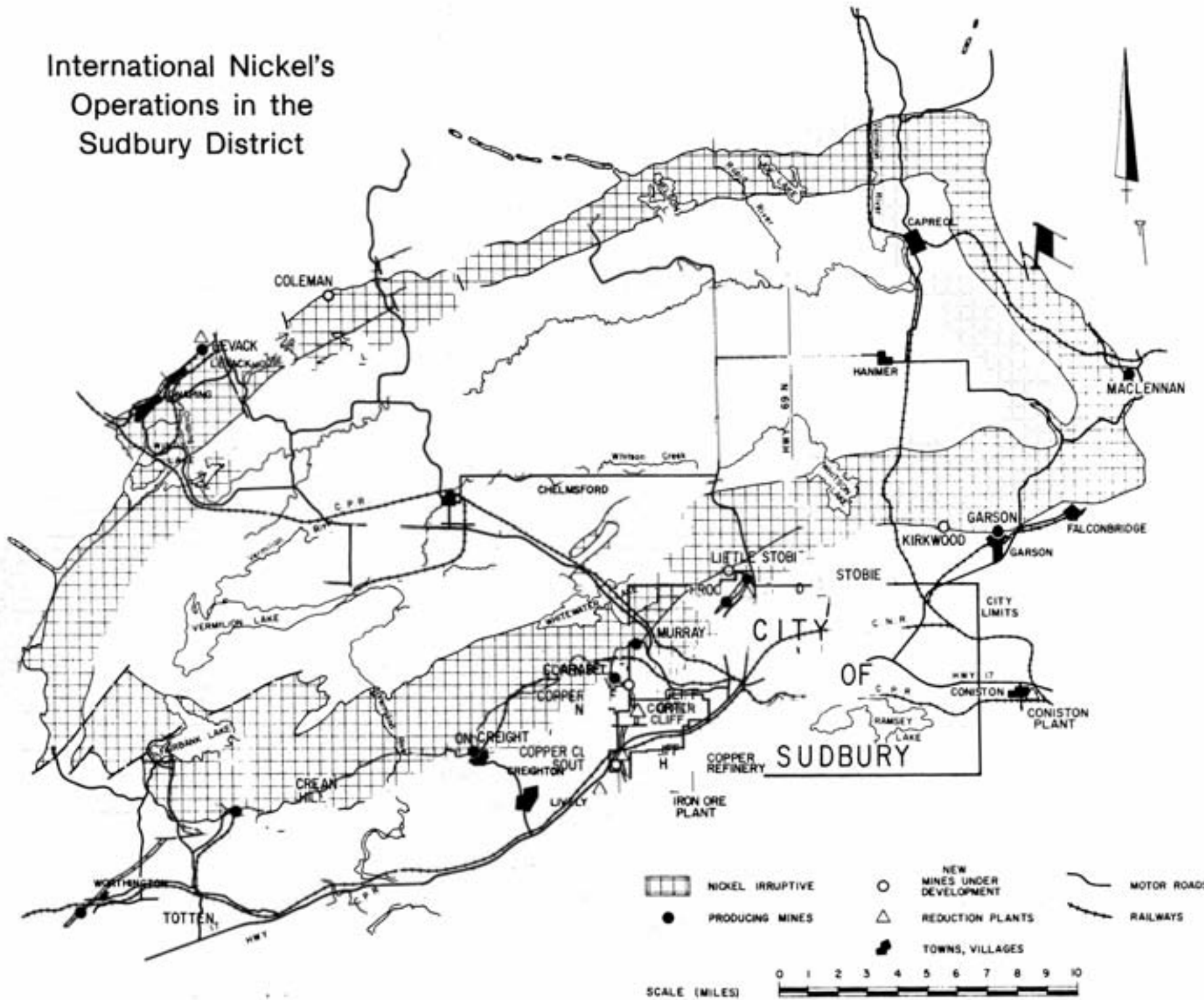
With a parade led by the town band, and a banquet and reception attended by 500 at the Club Allegri, the friendly Coniston townspeople showed their affection and esteem for this dedicated lady who has played such an important part in the life of the community. She was presented with many

handsome gifts, including a Persian lamb coat with mink collar.

It was in September, 1922, that Miss Drohan arrived in the Mond Nickel Co.'s smelter town at the age of 19, fresh from North Bay Normal School. She lived at the clubhouse, and helped entertain the lords and ladies who came from England to visit. Her classes have included grades 2, 3, 4, and 5. For nine years she was principal of the school's English classes. She has taught the children's choir at her church for 25 years, and has taken a keen interest and pride in all community affairs. She received the Centennial award for Coniston.

Born in Eganville, Miss Drohan has returned to her old home town to live with her sister, Mrs. Thomas Harrington. She'll offer her services as a supply teacher "if they need me." Which they very probably will.

International Nickel's Operations in the Sudbury District



Progress Pictures at Four of Inco's New Mining Developments



Kirkwood

With shaft sinking completed to a depth of 2,134 feet, the new Kirkwood mine is in the early stages of underground development. The permanent hoist has been installed, and is hoisting two combination skip-cages in balance, as at Crean Hill mine. Kirkwood is scheduled for production in 1970 with a capacity of 1,500 tons per day.



Copper Cliff South

Picture shows the temporary surface plant at No. 2 shaft of the new Copper Cliff South mine, opposite the Copper Refinery. A development shaft which will later be used for mine ventilation, No. 2 will be sunk to a depth of 2,250 feet. Work is also in progress on No. 1 shaft, the production shaft, which will have a depth of 4,250 feet. A 180-foot concrete headframe, essentially the same as the one at Copper Cliff North mine, will be erected at No. 1 shaft. Copper Cliff South is scheduled for production in 1971, with an ultimate capacity of 6,000 tons per day. Two drum hoists will be installed.

Inco To Have 14 Producing Mines In the Sudbury District for 1971

With the completion of its current expansion program in 1971, International Nickel will have 14 producing mines in the Sudbury district.

The map on the opposite page shows the locations of the nine Inco mines now in production, and the five new mines presently under development, around the nickel irruptive of the unique geological formation known as the Sudbury Basin.

Producing mines are Frood-Stobie, Garson, MacLennan, Levack, Totten, Crean Hill, Creighton, Clarabelle and Murray.

New mines under development and scheduled to come into production within the next three years are Copper Cliff North, Coleman, Little Stobie, Kirkwood, and Copper Cliff South.

Inco's current mining developments in the Sudbury area also include new shafts at Creighton (deepest in the Western Hemisphere, 7,150 feet), Frood-Stobie and Totten, shaft deepening at Crean Hill, and expansion of the Clarabelle open pit operations.



Coleman

Starting to reach for the sky is the concrete headframe at Levack's new neighbor, the Coleman mine. It will be 226 feet to the top of the hoisthouse above the headframe, in which will be mounted two friction-type hoists, first of their kind at Inco in the Sudbury area. Two other new operations now under development, Frood-Stobie No. 9 shaft and Little Stobie No. 1, will also have friction-type hoists. The Coleman shaft has been sunk to 2,278 feet but further underground work has been suspended while the headframe and hoisthouse are being built. Coleman is scheduled for production in 1969 with a capacity of 3,500 tons per day.



Totten No. 2 Shaft

Construction is approaching completion of the surface buildings at Totten mine No. 2 shaft. The shaft has been completed to 1,987 feet and considerable underground development has been carried out. Production through No. 2 will commence next year at the rate of 1,500 tons per day, using two combination skip-cages in balance. In the background is the contractor's headframe at No. 1 shaft, where operations will be completed in 1969.

Also in the Ontario division a new mine at Shebandowan will join the ranks of Inco producing mines in 1971.

In the Manitoba division three new mines, Birchtree, Soab and Pipe, are scheduled to attain full production between now and 1971, and deepening of No. 1 shaft at the Thompson mine will be completed this year.

With this vast expansion program International Nickel responds to the challenge of the ever-increasing world demand for nickel by increasing its Canadian productive capacity to 600-million pounds of nickel per year.

Two-Mile Parade Feature of Sudbury's Brilliant Canadiana Festival



Young boys manned the oars while girls with twirling parasols rode in style in the exotically decorated Dragon Boat float that won first prize for the Chinese community. A girls' flower drum corps preceded the float.



A miniature grape arbor and a wine press featured the Italian community float, which was awarded second prize. The jolly winemaker tossed grapes to the crowd along the parade route. Costumed children sang Italian songs.

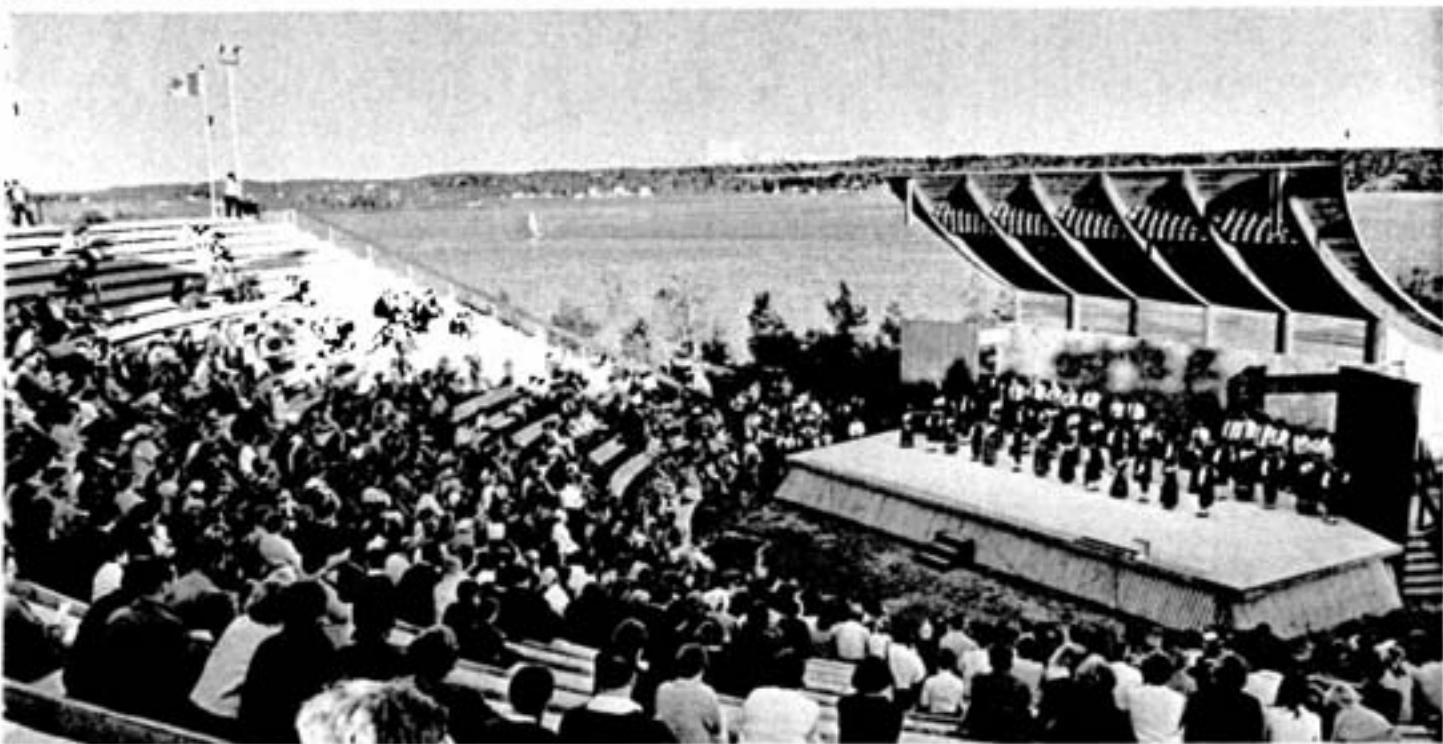


Patron saint of Sudbury district skiing, Inco pensioner Paul Jansson sat at the head of the cleverly simulated Finnish community tribute to a great national sport. Entered by the Knights of Kaleva, this float won third prize.



A streamer color party preceded cars of costumed adults and children in the representation of the Polish community in the parade, which included entries from a total of 18 different ethnic cultures, as well as service groups.





View from the Top

The picture was taken from the group from the Italian community, one of 10 ethnic cultures represented in the colorfully costumed program. Although most of the big bowl has fallen into evening shadow, and the stage lights are taking over, the lowering sun still illuminates the beautiful buildings of Laurentian University across the lake, and falls gently on a single sailboat reluctant to call it a day.

The Bell Park Amphitheatre, in its idyllic location on the shore of Lake Ramsey, proved a perfect setting for the folk arts concert of the Sudbury Canadiana Festival. On stage when

Three-Day Canadiana Festival Marks 101st National Birthday

A carryover from Centennial Year, Sudbury's three-day Canadiana Festival over the national holiday week-end was a brilliant success.

The many ethnic cultures that are warp and wool of the community fabric turned out traditional representations in costume, folk arts, music and food to present a colorful cross-section of the Canadian mosaic.

"Somebody up there likes me," smiled the parade marshal, deputy police chief Bert Guillet, as threatening clouds rolled back and bright sunshine poured down on his two-mile extravaganza as it wound through the city streets to the judging stand in front of the Arena.



Miss Canadiana

Again this year the Sudbury Chinese community carried off top honors for the parade with their exotic Dragon Boat float, fierce dancing dragons, and pretty girls of the flower drum corps in beautiful embroidered and hand-painted silks and satins.

Floats and decorated cars from a total of 18 ethnic cultures were entered in the grand parade, along with several from community service organizations. The Antique Auto Club and the various riding clubs of the district on their prancing horses made a fine show, and marching bands and major-

ettes played their all-important part.

The international theme was carried into the Arena at the food fair, where displays of tempting traditional delicacies of many countries, from Ukrainian cabbage rolls to Scottish scones, were soon devoured by the huge crowd.

Track and field events, yacht and canoe races, a water-skiing exhibition, soccer, ladies' softball, and horseshoe and bocce tournaments were among the items on the sports menu for the Festival.

There was an inter-faith service of worship and a folk arts concert at the Bell Park Amphitheatre. Tours of Laurentian University were on the agenda. Ontario's award-winning "A Place to Stand" and other films were shown. The Wikwemikong Pow-Pow dancers from Manitoulin Island performed. Hundreds flocked to the Sudbury Museum to see an exhibition of early Canadiana sketches by C. W. Jeffreys.

At a grand wind-up dance in the Sudbury Arena the winner of the Miss Sudbury Canadiana contest, lovely Laura Triff, was crowned to the cheers of the crowd by Mrs. Grace Hartman, the general chairman of the Canadiana Festival. The young queen's father, Norm Triff, is a carpenter at Copper Cliff smelter.

Over 6,000 pounds of nickel are contained in each of the five P-1 engines that will propel the Saturn V rocket to the moon.

Tom Butler Became a Compressor Specialist

Time has robbed the Froot-Stobie maintenance department of a valued expert. Tom Butler the man who, over the years became a compressor specialist, and was



Mr. and Mrs. Butler

often called upon to diagnose the internal troubles of those very important machines at many of the Company mines, has reached his 65th birthday and has retired on service pension after 40 years with Inco.

Tom's history goes back to 1903 when he was born on Bell Island in Conception Bay near St. John's, Newfoundland.

His father came to work at the Canadian Copper Company No. 2 mine at Copper Cliff in 1913, and the family moved to Creighton in 1916.

Tom was an office boy at Creighton in 1917, was a rock-picker in the Crean Hill mine rock house in 1918, and started a machinist apprenticeship at the going rate of 21 cents an hour at Creighton in 1919.

He had worked underground at Creighton, as a floorman at High Falls, and at the Copper Cliff con-

centrator before he made his final move to the mechanical department at Froot mine in 1929.

"Those compressors at Froot are almost part of men," confessed Tom the trouble shooter. "They were installed the same year I started there, and I've nursed them ever since just like they were my own."

Another very important event happened in 1929 when Tom was married to a young Chapleau nurse, Rose Fortin.

Their grown-up family of four are, Pat (Mrs. Don MacDougall) in North Bay, Tom Jr., a machinist at the Copper Cliff smelter, Ray in Sudbury, and Bob, who is attending university at Windsor. Six grandchildren round out the family.

The Butlers are formulating travel plans which include a visit to Denmark and the low countries. "I'll also be dropping down to Toronto once in a while to see my 92-year-old mother," said Tom. "She plays an excellent game of bridge, and I lose more often than I win."

INCO GOLF AUGUST 10

August 10 is the date set for the annual Inco golf tournament at Idylwyde Golf and Country Club.

An Iron Ore Plant committee under the chairmanship of E. H. Bracken is in charge of the arrangements for this year's event, for which a capacity entry is expected.

There will be two shotgun starts, at 7:00 a.m. and 1:00 p.m. to accommodate the big field.

Three trophies will be up for grabs, the Beattie and the Godfrey for low gross team scores, and the Lambert for low net.

The Callaway handicapping system will be in effect as usual, assuring everyone a good shot at the prizes. Closing date for entries in August 2.



Sadder and wiser men, student Keith Nesbitt and teacher Bruce Downie rest their weary dogs after completing the 30-mile course in the fastest time of 6 hours 10 minutes. On the right, smiling their relief that the ordeal is over, a quartet of walkers display their bandaged blisters.



In the morning the marchers, carrying lunches and pop, pressed forward with great determination (left) but as the afternoon wore on and the pavement got hotter and the miles longer, some of them came up to the checkpoints (right) carrying their shoes and treading very gingerly on tender toes.

Thompson Collegiate Marchers Raise \$7,000 for "Care of Canada" Cause

A goal of \$7,000, enabling them to "adopt" needy children in an under-developed country through the "Care of Canada" plan, was realized by Thompson junior and senior high school students in their Miles for Millions march.

Some 325 students at R. D. Parker Collegiate were joined by members of the teaching staff in their bunion derby. A total of 135, including seven teachers, finished the 30-mile course while the others fell by the wayside but completed an average of about 20 miles each.

All were generously backed by sponsors who made possible the highly gratifying financial success of the stunt. Stores and wholesale houses also donated 1300 canned drinks, 600 wieners, 500 candy bars and 500 oranges to keep body and soles together during the long trek. Temperatures soared to the high 70s during the afternoon, and the hot pavement wrought havoc with tender feet. The St. John Ambulance people almost got cleaned out of band-aids, but they saved the day for many a moaning marcher.

Three 10-mile circuits of the town made up the course. Keith Nesbitt and Bruce Downie made the fastest trip, striding the 30 miles in the excellent time of 6 hours 10 minutes.

Kinsmen and Rotarians helped man the 10 check-points on the

route, and the Nickel Yaks, a new two-way radio club in the town, provided radio coverage of the walk, greatly adding to the interest.

Spirits soaring when they learned that they had walked a total of 6800 miles and had reached their financial objective, the students celebrated by holding a dance at the school in the evening. It was called the "Blister Hop".

New Pit

Continued from Page 4

feet, had to be built in Lady MacDonald Lake and 200-million gallons of water pumped out. The dam contains 350,000 cubic yards of rock, faced with 70,000 yards of clay. The contractor then stripped the overburden from the lake bottom to expose the orebody and make the initial sink cut, removing more than 800,000 cubic yards of clay. This extensive preparatory work was completed in June of this year. Similar Herculean tasks had to be performed in the original preparation for open pit mining at Clarabelle back in 1960-61. Sections of both Clarabelle and Lady MacDonald Lakes had to be dammed off and pumped out, and a 750-foot tunnel driven to replace a creek connecting the two lakes.

Ore production at Clarabelle No.

1 pit commenced in November 1961, and to date some 9½ million tons of ore has been mined from the main pit and its North extension, along with over 12 million tons of waste rock.

Dimensions of No. 1 pit are 3,400 feet long and from 400 to 1,700 feet wide. Its projected depth is 400 feet.

Trucks have an average haul of 3,500 feet to the crushing plant, which has a 54-inch gyratory primary crusher and a 5-foot 9-inch gyratory secondary crusher, and a bin capacity of 1,500 tons. Ore is transported by rail to the Copper Cliff works.

Radio Hookup Effective

Efficiency of operations at both the Clarabelle pits is streamlined by radio communication between supervision, electrical and mechanical departments, first aid, shovel operators and dumpmen. The antenna is mounted on the North mine headframe.

Auxiliary equipment includes rubber-tired Caterpillar 824 dozers for quick clean-up around the shovels, and graders for road maintenance. Submersible automatic electric pumps keep the workings dry.

Underground workings 50 years ago of the ill-fated British America Nickel Corporation will be mined through as No. 2 pit progresses, just as workings of the old Copper Cliff No. 4 mine at the turn of the century were encountered in the earlier stages of No. 1 pit.

Gordon Marr

Oliver Gordon Marr, popular anode department foreman who has joined the ranks of Inco pensioners, was born in Port Colborne in 1906.

Upon leaving school he drove a grocery wagon, cleaned and sorted bags at the Canada Cement Plant (cement was then packed in reusable cotton sacks) and went out to Alberta on three harvest excursions. He then took a job as truck driver for contractor Peter Beam. In 1936 he became an Incoite at the Port Colborne refinery.

Gord's entire Company service, with the exception of his first three weeks of employment, has been in the anode department. He was a crane man, weigher and sub-foreman prior to his promotion to foreman in December, 1963.

Upon early service retirement he was presented with a complete fishing outfit, along with an envelope of money, on behalf of the anode department employees.

Gord and his wife, the former Dora Bannister, who he married in April, 1936, will continue to reside in Port Colborne. Their son, Terry, and a granddaughter also live in "Port".

The Marrs are seasoned travelers and plan to continue visiting different parts of the continent.



Gord Marr

Chris Macson

An agile and active young man at 65, after 25 years with Inco, service pensioner Chris Macson is now looking forward to a lot of touring, driving a car being his favorite recreation. As a starter, he'll head for Vancouver.

"I feel just great," said Chris. "Apart from the odd cold and a toothache now and again, I've never been sick in my life. Maybe it was luck, maybe not. I believe in hard work as the best pill, and I never worry about a thing."

Austrian by birth, Chris sought better times in Canada in 1924, and was lucky

enough to find a job in a Winnipeg sugar factory similar to the one he had left.

Things slackened off around 1941, and he headed east to seek security. He found it with Inco when he started at the Copper Cliff smelter in 1942.

Work on the curia and blast furnaces followed, then he moved to the separation building in 1948 to operate the grinding mills, the job he held until retirement.

Selma Birch of Winnipeg became his wife in 1939, and they have a family of two. Daughter Mavis is the wife of Copper Cliff postal clerk Heimo Nupponen, and Ken lives in Toronto. The two grandchildren that complete the family live in Copper Cliff.

Some 40 of Chris's friends gathered at the Parkland Hotel to wish him well and present him with a purse of money.



C. Macson

Exchanging a warm handshake with reverend general foreman Oran Dickie, operator Bert Chasse receives farewell wishes and a gift from personnel of the Copper Cliff smelter cottrell plant. In the centre of the group are cottrell foreman Ron Paulton and reverend general foreman Howard Kilby.



Bert Chasse

As free as a bird, with 35 years of Inco service behind him, service pensioner Bert Chasse plans to heed the good sense of the feathered species and follow their lead with respect to migration. "I'll be headed in the same direction as them in the fall," he declared, "south and a little bit west to California."

Living in the USA will be nothing new to Bert, who was born in Fall River, Massachusetts, in 1903, and at age 18 went to work in the local cotton mills.

Two years later he answered the call of the ocean, and for the next four years served as a deck hand and donkeyman.

He headed north to Copper Cliff in 1930, was hired as a sampler at the copper refinery, broke his service to spend two years wandering through 13 states, and returned to the Company and the converter building in 1933.

Work as a binman and a furnaceman followed, and in 1946 he made his final move to the No. 2 cottrell where he was an operator until retirement.

Spry, active, and brimming with good health, the 65 year old bachelor's first ambition is to return to Fall River for an unhurried visit.

Sam Poluk

Sam Poluk almost ended 32 years of service with Inco very abruptly late last year when his car was involved in a one-sided hassle with a locomotive on a Sudbury grade crossing. "I'm real



Mr. and Mrs. Poluk

lucky to be alive," said the long-time Stobie dryman who received head injuries. He retired on pension soon afterwards, and now spends much of his time enjoying work in his garden.

Born in Czutromisnoch, Austria, in 1902, Sam came to Canada in 1928, to Sudbury on Copper Refinery construction in 1929, and started with the Company at Frood mine in 1930.

He headed for the bright lights of Montreal in 1931, had enough

of them by 1935, and returned to Frood. He worked in the dry there until 1942, and moved over to the Stobie dry when No. 7 shaft sinking began there in 1941.

Frances Maruschak and Sam were wed in 1925 and they have a family of three daughters and five grandchildren. Daughter Nellie is the wife of Levack shift boss Nick Maciborka, Elizabeth is married to Crean Hill stope leader David Wilson, and Pearl, 15, attends school.

"I won't be moving too far away from the house," said Sam who has developed a strong mistrust of automobiles. "And when I do I'll take a cab."

Bill Gonda

"There's not much of a market for a good used miner," said Murray service pensioner Bill Gonda, who views inactivity as the worst kind of torture. The retired motorman has been with the Company for 21 years.

Austrian by birth, Bill came to Canada in 1928 after a stint in the Czechoslovakian army. Starting



Mr. and Mrs. Gonda

from Lomond, Alberta, he worked his way through the mid-west, arriving in Sudbury in 1934 when he began mining at Frood. He moved to Creighton mine in 1942 but left the Company for Toronto in 1945 to have a try at the fur business.

"But missed the smell of the mine and also the drifting bonus that I was used to," Bill confessed, and he returned to the Company and Murray mine in 1947. He was a motorman there at the time of his retirement.

"It took me a while to find the right one," said Bill, referring to his bride of 1951, Noella Laframboise. Their young family of three are Gerry, 16, Brenda, 12, and Anne, 11, all attending school.

Bill's motto has always been, "If I can get up in the morning I can go to work." He's justly proud of the fact that rarely missed a shift in his 21 years as a miner.

New Hunters Must Pass Licence Exam

Only 13 per cent of Ontario's prospective new hunters have so far this year applied for and successfully passed the mandatory hunting licence examination.

An estimated 24,000 new hunters each year must now pass the de-

partment of lands and forests examination before they can purchase their first licence. Department officials urge all prospective hunters to try their examinations during the current slack season to avoid possible inconvenience and delays in the busy fall hunting season.

Applicants under 20 years of age must now take a compulsory course in hunter safety training. Although not compulsory for persons 20 or over, the department strongly supports and recommends this safe gun handling course to all applying for the examination.

Inquiries for the training course, as well as for the final examination, should be directed to the nearest lands and forests office.

With 21,000 new hunters still to take the examination, the department strongly urges all prospective hunters to prepare now for the fall hunting season which it hopes will prove to be the safest on record.

Oh, yes, each man spoils the one he loves, and gratifies her wishes — the rich man showers her with gifts, while the poor man does the dishes.

Champs of Port Colborne 10-Pin Bowling

The IBM team came off victorious in the "A" division play-offs of the Inco 10-pin bowling league at Port Colborne, after a rousing season in which nine teams competed. Shown are: back row, Carlo Martine, Archie Saville, Maurice Rozon, Lino DiPasquale, Bill McDonald; front, Norm Berrington, who presented the Carling trophies at the league's annual banquet, Gord Hurst, Bob Mirfles, and captain Bob Bozzato.



In the "B" division playoffs it was Pipefitters, led by captain Art Bellinger, who copped the loot: back row, Brian Scott, George Garner, Roly Mathot, Leo Julien, Barry Bitner; front, John Cormier, Joe Fabiano, Doug Duggan, Art Bellinger.

Here are the Pumpmen, who finished on top in the regular schedule of the nine-team league: back, Roger Cote, Reg Breton, Noel Ethier, Bert LaCroix; front, Minnie Chevalier, Garry Grandin, Leo Julien, and captain Roger Jacques. The season's scoring stars were: high average, Leo Julien, 171; high single, Roly Mathot, 244; high triple, George Garner, 584; most improved bowler, Bryan Ferrell.



Thompson Community Club Held Fine Spring Review



The pyramid-building performance of the girl gymnasts in the 5-9 age group came to a surprise ending that got a lot of laughs when the carefully built formation collapsed in a giggling heap.



Graceful ballet numbers were warmly applauded features of the long program. In this quintet of "Swans" were Stacy Biggs, Marlene Dunn, Marlene Sharpe, Carmen Frunchak, and Karen Locker.

A big variety show featuring gymnastic, ballet, tap dancing, baton-twirling majorettes of all sizes, and the marching music of the drum and bagle band once again demonstrated the effectiveness of the Thompson Community Club's instruction program at the Recreation Centre.

It was the fifth annual Spring Revue, and although it didn't draw the capacity audiences it deserved, there was no gainsaying its success. The kids were great, in all sizes and flavors.

Too much credit could not be given the instructors, who labored hard and long to produce the highly entertaining bill: gymnastics, Betty Bosters, Mrs. Sandra Klose, Mrs. Ginnel, Gary Whelan; tap dancing, Jo Anne Perens; majorettes, Jackie Duncan; ballet, Mrs. Sandra Klose, Mrs. Yvonne Frunchak.

There were smartly costumed



"The Circus on Parade" was the theme of the Junior "B" baton group's big number, in which 16 well-rehearsed young ladies took part.



The Thompson Drum and Bugle Band, under the direction of Gerry Bercier, put a lot of pep into the program with its stirring selections and grand finale march. Instructors of this fine unit are Jerry Sayer, Norm Mann and Martin Bosters.

numbers in the ambitious program, which was co-ordinated by Mrs. Mary Penske, assisted by Carol Heather, John Eibe and David Anderson. Master of ceremonies was Cecil Smith.

Appointment

J. A. Pigott, general manager of the Ontario division, announced the appointment of T. D. Parris as assistant superintendent of mines, effective July 2.

Thomas D. Parris served in the RCAF from 1942 to 1945, then entered the University of Toronto from which he graduated in mining engineering in 1946.



T. D. Parris

Born on the island of Barbados, in the British West Indies, he obtained his secondary schooling there.

He worked for Inco during the summer of 1948, and on graduation returned to the Company and started in the efficiency office at Creighton mine, where he was later a shift boss.

He went to Copper Cliff as mines production engineer, then in 1956 became a divisional foreman at Garson. He next served as safety engineer at Prood, after which, in 1959, he was transferred to Levack as a general foreman. This was followed by promotion to underground superintendent. He became assistant superintendent of Levack mine in June 1961. In December, 1963, he was appointed assistant to the manager of mines at Copper Cliff.

He was married at Windsor in 1946, has four sons.

HONOR PENSIONERS

The largest group of copper refinery pensioners yet to be honored at one of the plant's semi-annual dinners was presented with purses of money and other gifts at the Caruso Club on May 30.

Over 260 attended the affair, at which assistant manager C. C. Dunkley was master of ceremonies. The new pensioners honored were Art Bourassa, Bill Peasey, John Jarsulic, Ray Jones, Peter Laszi, Jean Marion, Rene Morin, Norm Pelletier, George Perzo, Bob Rodger, Rudy Slijepcevic, Mike Sninski, Joe Santaro, Mike Taback, John Topolskov.

The committee which organized the very successful gathering included J. Rienguette, J. Tosto, R. Daoust, D. White, and J. Stelmach.

Turbines for Commuters

A stainless steel railway car powered by two aircraft-type gas turbine engines is being tested by New York's Long Island Rail Road. Initial tests show no "jet scream" or dust and no noticeable vibration or odor. Nickel alloys help to make the turbine heat- and corrosion-resistant.

LEFT, above: Susan Locker and Bobby Green soon got over their shyness in their delightful tap dance number with two other little couples. LEFT, below: A daring young gymnast takes a flying somersault over the prone figures of four of his trusting teammates.



Levack Bowling Champs Receive Trophies After Another Big Season



1. Mixed league "A" division champs and winners of the Piccola trophy were Murray and Sadie Crane, Marlene (captain) and Paul Thompson, and (not shown) Jane and Alex Lefebvre. 2. Champs of the "B" division in the mixed league were Jim and Joan Connor, Rose and Murray (captain) Jahlich, and

(not shown) Ken and Cleo Miron. 3. Winners of the DeMarco trophy as men's "B" division champs were Francis Luttrell, Dino Tracaneli (captain), Lorne Luttrell, Ivan Luttrell and (not shown) Harold Melanson and Wendell Luttrell.

Bowling continues to be a very popular pastime in Levack, and it was a busy schedule indeed for the 290 members of the Inco Employees Club pin-pounding set. "There were times when we could have used a few more alleys to take care of them all," declared Alice Didur who served as capable secretary of the men's and ladies' leagues. "We included some teams from Onaping and Cartier and then had to close off the entries."

Levack mine's popular personnel officer Harvey Nadeau presented trophies to the proud winners of the six leagues within the organization, the ladies' A and B, the men's A and B, and the mixed A and B. The presentations preceded a most enjoyable evening of dancing at the Elks Club on Windy Lake, with a buffet supper laid on later in the evening.

Individual stars in the ladies' league were Ruby Laframboise (high single, 338), and Pat Kelly (high average, 218, and high triple, 816). In the men's league, the hot shots were Bun Londeau (high single, 410), Murray Crane (high average, 241), and John Mihajic (high triple, 893). In the mixed league, individual top scorers for the ladies were Joyce Farrow (high single, 329), Arlene Brideau (high average, 223), and Bea Mallette (high triple, 829), and for the men Paul Thompson (high single, 348), Murray Crane (high average, 228), and Bernie Deveau (high triple, 892).

As a token of the bowlers' appreciation for her good natured assistance throughout the season, Employees Club stewardess Barbara Stanich was presented with a gift by secretary Alice Didur.



Here with the Tony Soden trophy are the top team in the men's "A" league, Jerry St. Louis, Murray Crane, Hector Lauzon, Eli Maki, Alf Mallette, and Paul Thompson.



Champions of the "A" division and winners of the ladies' league trophy were Madeleine Vezau, Flo Vezau, Theresa Burton, Fern Cameron (captain), Lorna Beland, and Naella Winn.

Ladies' league "B" division champs were Jenny Shesnick, Nellie Stelmackowich, Lena Brizinski (captain), Angie Charlebois, Annie Urwin, and (not shown) Greta Koski.



Life May Be "Rugged" for Ralph But He's "Hooked" On It That Way



A Copper Cliff pensioner who has resided in Port Colborne for 11 years, Ralph Crouse, remarkably fit and active at 81, has made a fine art of his hobby of hooking rugs.

"Hooking" a rug doesn't mean pinching one off the neighbor's clothesline, as some shameless punster might suggest. Far from it. It means many hours of alert and painstaking work, creating artistic designs from strands of colored wool on a backing of burlap.

Each little square of the rug Mr. Crouse is producing in the picture represents about an hour's work. He plans to enter that rug in the Canadian National Exhibition competitions this year, in the class for rug-makers over 80 years of age. He has won several prizes for his rugs at the Welland County Fair, and last year created a lovely maple leaf design for the Centennial competition con-

ducted by Chatelaine Magazine.

"Sometimes I get so interested that I can't stop until a rug is finished," the bright-eyed pensioner told the Triangle. "Once I worked 16 hours at a stretch, but the wife took a dim view of that."

In all he has hooked about 40 rugs, many of them as gifts for delighted friends and relatives. He has turned down many offers of orders for his handicraft. "I might get too involved. It's better just as a hobby."

Gardening is Ralph's other chief interest. He and Mrs. Crouse have a beautiful flower garden behind their cosy home at 122 Forest Avenue, Port Colborne. Prize-winning dahlias are his specialty.

Storekeeper at the Copper Cliff reduction works, Ralph retired on pension in 1962 after almost 44 years with the Company.

Safety Poles

New stainless steel light poles installed by the Minnesota Highway Department are designed to

break-away at their base when struck by a motor vehicle, reducing to a minimum damage to both pole and vehicle.

900 Costumed Boys in Colorful Annual Cuboree



1st Creighton Pack Again Prize-Winner

Nine hundred Wolf Cubs from all over the Sudbury district made a howling success of the sixth annual Cuboree held at Copper Cliff on June 1.

Theme of the big roundup was "Fantasy", each of the 38 packs being costumed to represent characters from favorite adventure stories and fairy tales such as Treasure Island, Robin Hood, Robinson Crusoe and Snow White.

The grassy field opposite the slag dump on the Copper Cliff Road, site of this year's rally now that Copper Cliff South mine has taken over the previous location, swarmed with eye-patched pirates, merrie men from Sherwood Forest,

wild Indians, white-bearded dwarfs and many other colorful types from the wonderful world of childhood fantasy.

Creighton Wins Again

The packs were judged on their parade presentations and also on displays of puppets and artifacts laid out in front of their tents. For the third successive year the 1st Creighton pack, of which Ed Cayen is cubmaster, won first prize, with 1st Sudbury placing second and 1st Val Caron B third. The Creighton boys, some of whom are shown in the top left picture above with their leader, came straight out of Robin Hood. Their prize was a portable barbecue. Judges of the competition were Mrs. Alex Gray, Dave Yeomans and Russ Empie.

A late afternoon rain doused

the traditional campfire, much to everyone's regret, but it failed to dampen the appetites of the hungry horde. Everything from hot dogs to spaghetti and meatballs, bountifully supplied by the group committees, was wolfed down by the cubs in a fearless exhibition of gastronomic versatility.

The Cuboree chief, Dale Richards of 1st Chelmsford pack, gratefully acknowledged the assistance of Rover Scouts, service Scouts from each division of the district, and the St. John Ambulance Brigade in running the rally, which went off without a serious hitch.

District commissioner Alex Gray and other staff members heartily congratulated the pack leaders on the splendid turnout and costuming, and the fine spirit and enthusiasm evident on all sides.

In the "B" group playoffs for the James C. Parlee trophy the victors were Dick and Edith Moore, Angus and Elsie McLellan, and Larry and Lou Coderre.

Individual stars on the season's play were: high average, Pat Mulligan (228) and Bill Fortin (248); high triple, Pauline Fortin (832) and Charlie Tring (884); high single, Isabel Jarbeau (354) and Al

Trophy-Winning Teams In Lively Mixed Bowling

Clarence Mulligan's team picked off two trophies in the lively mixed bowling league last season. They received the athletic association president's trophy for finishing on top of the schedule in regular league play, and also the O'Keefe trophy for winning the

McCoy (368). The Mulligan team scored the high team single of 1724 and the high triple, 4594.

Presentation of trophies took place at the league's well attended annual banquet, held at the Cariboo Club.

Punched and Skimmed Converters for 38 Years

"Putting automatic tuyere punching machines on the converters was a great improvement," remarked disability pensioner Ray Biscaro. "But they came too late for me. I punched by hand for 14 years before I moved to the converter controls as a skimmer."

Ray worked all of his 38 years with the Company in the Copper



Mr. and Mrs. Biscaro

Cliff smelter converter building, and was skimming on the nickel end when he retired.

One of a family of 11, he was born near Paese, Italy, in 1909, and left there to join his sister in Copper Cliff in 1927. He joined Inco in 1928.

A young lady from Barry's Bay, Ontario, Rose Zelney, became Ray's bride in 1938. Their young family of four all attend school: Ray Jr. 19, and Richard, 18, are at St. Charles College, and Diana, 16, and Betty-Anne, 15, study at Marymount College.

His home, which he built on what was then Gatchell's farm in 1940, will be Ray's main concern from now on. "Once I get the house and garden in shape, then I'll head for the water and my friends the fish," he said. "Work comes first — even for pensioners."

Alvin Thompson

Alvin Thompson has left the hustle and bustle of the Frood-Stobie mill and his job as maintenance mechanic for the peace and quiet of a tourist camp on Bigwood Lake. He will assist his brother who operates the lodge.

A head injury resulting from an auto accident in 1953 has brought about his retirement on disability pension after 27 years with Inco.

Born in the town of Sellwood, some 20 miles north of Sudbury, in 1917, Alvin left for the lumber camps in the Timmins area in 1934, and two years later started at the Levack mine rock house.

Service at both Frood and Stobie mines followed, and he moved to the new mill there soon after its recent completion.

Alvin's marriage to Lucienne Lavoie took place in 1940. Their family of four, who all live in Sudbury, are John, Terry, Daniel, and Bonny, 15.