

# INCO TRIANGLE

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*The 1966 Safety Championships*

(Story on Page 5)



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## MUSIC By John Kraglund

# INCO DONATIONS SET PRECEDENT

(FROM THE TORONTO GLOBE AND MAIL)

Industry has discovered the arts. It is not the first time this has happened, of course, but the occurrence is sufficiently rare in Canada to warrant special mention.

For some reason Canada, eager to follow its U.S. counterparts in other respects, has been reluctant to imitate them in the field of industrial support for the arts; although it has long been recognized that the community which attracts the best minds — vied for in industry — is the one that offers most in the way of cultural attractions. The precedent, if it proves to be that, has been set by the International Nickel Co. of Canada in the form of six \$2,500 scholarships to three instrumental soloists, two singers and one ballet dancer. The young artists will also appear in pairs on three hour-long color television shows, together with one internationally famous Canadian musical star.

### First Show on April 19

Titled Centennial Performance, the CBC productions will be carried on the English and French networks. The first, scheduled for April 19 from 9:30 to 10:30 p.m., E.D.T., will be taped in Montreal and will feature baritone George London with award winners Irene Weiss, Calgary pianist, and Jacques Simard, Quebec City oboist. The Montreal Symphony Orchestra will be conducted by Pierre Hétu. Both the other shows will be prepared in Toronto. Contralto Maureen Forrester will star in the first, with Richard Gresko, Montreal pianist, and Martine van Hamel, Toronto ballerina. In the other, pianist Glenn Gould will be featured with Audrey Glass, Vancouver soprano, and Claude Corbell, Montreal bass. The orchestra will be the Toronto Symphony conducted, respectively, by Brian Priestman and Vladimir Golschmann. Transmission dates have been set for mid-October and mid-November.

### Inco's Centennial Program

It must be pointed out that the scholarships and TV programs are part of Inco's Centennial Year project, which includes substantial participation in projects where the company has facilities. In Toronto it is the St. Lawrence Centre for the Arts. In Montreal, instead of a centennial project there is the

## Galaxy of Canadian Stars for Inco Centennial Specials



GLENN GOULD



MAUREEN FORRESTER



GEORGE LONDON



Richard Gresko



Martine van Hamel



Jacques Simard



Irene Weiss



Audrey Glass



Claude Corbell

sponsorships at Expo of the 67-foot high, 46-ton stainless steel stabile designed by Alexander Calder.

That support of the arts may become a long-term project was suggested by the thoroughness used by Inco in its selection of scholarship winners and promotion of the project. The selections were made by an advisory board that included Sir Ernest MacMillan, Wilfrid Pelletier and John Avison — all well known Canadian conductors and, because of their association with CBC Radio's Talent Festival, qualified to discover some of Canada's best musical talent. No one thought to mention that, with the exception of Miss Glass, all the scholarship winners have participated in Talent Festival; and Miss Glass is scheduled to appear in the current series on Feb. 24.

### Celebrity-Studded Audience

With the exception of Dr. Pelletier, the advisory board was present to participate in the scholarship presentation by H. S. Wingate, chairman of the Board of Inco, before a celebrity-studded audience that included CBC president J. Alphonse Oulmet, CBC vice-president Jean-Marie Beaudet, and

Nicholas Goldschmidt, chief of the performing arts division of the Centennial Commission.

"We are delighted to be able to help encourage the development of emerging artists of this calibre," Mr. Wingate said. "In recent years, our company, along with many others in this country, has contributed substantial amounts to assist the education of young Canadians in a variety of fields."

"We hope that the project we are announcing today will provide help in an area too often overlooked, and at the same time provide enjoyment for all Canadians."

The fact that Mr. Wingate tied the scholarships into Inco's aid-to-education program was an encouraging sign, for this is a continuing rather than a centennial project. Since the program was first announced in 1956, Inco has contributed \$8,810,000 to various aspects of education.

Following are brief sketches of the winners of the six International Nickel Centennial Scholarships in the Performing Arts:

### Richard Gresko

Richard Gresko began playing

the piano on his own at the age of two and a half. At five he began formal studies with Montreal's Marie Therese Paquin and then went on to the Quebec Provincial Conservatory. Under the direction of Lubka Kolesa, the 15-year-old pianist graduated in 1958 with first prize.

He then studied in Aspen and at the Juilliard School of Music in New York with Rosina Lhevinne. During the summer of 1963 he attended Wilhelm Kempff's master class in Positano, Italy.

Mr. Gresko has appeared frequently as guest soloist with Canada's major symphony orchestras as well as in recitals throughout North America and Europe.

He is now approaching the stature of a mature artist. Allan Hughes, New York Times' music critic has reported that Mr. Gresko plays with "distinction and individuality" and that he "appears to have the makings of a major pianist."

### Martine van Hamel

Martine van Hamel brought artistic acclaim to Canada when she travelled to Varna, Bulgaria, in July, 1966, and won the junior class of the International Ballet competition and the Varna prize for overall best artistic interpretation. Miss Hamel came to Canada when she was 13 and joined the National Ballet School during its first year in 1960. She made her debut with the National Ballet Company in 1963 and graduated as a soloist when she was 17.

Miss van Hamel started ballet at the age of four in Copenhagen. When her father, a Dutch diplomat, was transferred to Indonesia, she was introduced to Javanese dancing. A move to Holland brought her back to ballet with the Hague Conservatory. Next came Caracas where Miss Van Hamel studied with the National Ballet of Venezuela. She performed roles in The Sleeping Beauty and Swan Lake and received scholarships from the George Balanchine school and the Lucia Chase school, both in New York.

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### CHOSE WINNERS OF PERFORMING ARTS SCHOLARSHIPS

Selection of the six winners of Inco's Centennial Scholarships in the Performing Arts was made by this three-man advisory board: Lt. Col. John Avison, conductor of the CBC Vancouver Chamber Orchestra; Dr. Wilfrid Pelletier, dean of French Canadian musicians and conductors; and Sir Ernest MacMillan, former conductor of the Toronto Symphony Orchestra.

## INCO FAMILY ALBUM



When Ernie Mallette, started with Inco at Levack mine in 1945, he joined his father and five brothers who at that time were on the payroll there. Ernie is now an underground topman at 3 shaft. His wife Dolores came from Kapuskasing and is a teacher at Levack Public School. Their family are Patti, 12, Tim, 9, Michael, 13, and Jeffrey, 15 months. Ardent campers, the Mallettes are planning to take their house trailer to Expo this summer.



An enthusiastic member of the Barbershop Singers and a Lake Agnew summer camp owner, Elmer Schieman has been an Inco man since 1937, is a relieving shift boss in the FBR plant at Copper Cliff. He and his wife Hertha have a fine family: Franklin, 19, in training with the RCAF at Clinton, Ontario, Iris, 16, Jack, 14, and Sandra, 20.



Ron Richardson a construction leader, has worked at Frood since he arrived from Bellefand, New Brunswick, in 1952. He and Rose DeSimone, a Sudbury girl, were married in 1957 and are the proud parents of Wayne, 4, Susan Mary, 3, Daniel, 8, and David, 6. Ron enjoys pulling in the Northern Ontario pickerel and lake trout almost as much as fishing for salmon in the Miramichi in N.B.



George Velcich, salvage man at Creighton 5 shaft, is planning a trip this summer to visit his parents in Italy for the first time since he left in 1950. In this attractive group he poses with his wife Romana and their children, George Jr., 13, Franco, 8, Evelyn, 11, Gabriella, 17, Sergio, 15, and little John Anthony, 1.



Walter Crawford, a dyed-in-the-wool wrestling fan has worked in the carpenter shop at the nickel refinery in Port Colborne since 1955 and his wife Violet is a nurse in the plant first aid department. Their bright young children are Nora Ann, 9, and Alan, 5.

Born and bred a Manitoban, Bruce Graham joined Inco at Thompson in 1960, is now a stope leader in the mine. Here he is with his wife Janet and their husky young sons, Lanny, 5, and Blaine, 1.



A smart new house in Blezard Valley is home to Iron Ore Plant first class instrumentman Gilles Benoit and his family. Born in Hull, Quebec, Gilles started with the Company in 1953 as an electrical apprentice at Garson, won the Nickel Belt baseball league batting championship with Garson Greyhounds in 1955. Shown with Gilles and his wife Stella are Marcel, 11, Denise, 10, Elaine, 8, and Andre, 4.



## Inco Donations

(Continued from Page 3)

During this year's March season in Toronto Miss van Hamel will dance the principal solos with Hazare Surmejan in Swan Lake and Bayaderka.

### Jacques Simard

Jacques Simard, 26, is a native of Quebec who has given many oboe recitals across Canada, toured for les Jeunesses Musicales du Canada, and toured in France under the auspices of Jeunesses Musicales de France. Frequently heard on CBC radio and television Mr. Simard has also recorded with Kenneth Gilbert on the "Baroque" label.

He began studying the oboe when he was nine at the Conservatoire de la Province de Quebec, graduating in 1958 with first prize. After that he studied for three years at the Conservatoire de Paris with Etienne Baudou, Norbert Dufourcq and Fernand Oubradous. In 1962 he won the premier Prix du Conservatoire for the oboe and chamber music.

Mr. Simard has specialized in the study of ornamentation, improvisation and the style of the baroque composers, but has not neglected studying the contemporary repertoire for the oboe.

### Irene Weiss

Irene Weiss, of Calgary, now studying in New York City, started winning major awards as a pianist at the age of 14 when she received the Sir Alexander Galt Chapter IODE trophy as the "most promising and talented" musician in the Lethbridge music festival.

In 1961 she won the Kiwanis grand award as the most outstanding pianist in the Alberta Musical Festival; in 1963, first prize in a CBC talent festival in Montreal. She received two gold medals for attaining highest marks in Canada in performing degree examinations at the Royal Conservatory in Toronto (ARCT) and at the University of Alberta in Edmonton (Western Board of Music).

She is presently a scholarship student (Canada Council, Ford of Canada and Juilliard scholarships) at the Juilliard School of Music in New York where she has been studying with Irwin Freundlich. She had eight years previous training with Dr. Gladys Eghert in Calgary and also studied chamber music with Mackinawsky at Juilliard.

Professor James Gibb of London, England, a pianist of note and an

adjudicator, has said Miss Weiss plays with "a genuine virtuoso's command." Miss Weiss has performed professionally many times with major orchestras across Canada.

### Audrey Glass

Audrey Glass, a Vancouver mezzo-soprano, made her operatic debut with the Vancouver Opera Association in 1963, singing the High Priestess in Aida. Since then she has sung roles in The Consul and Il Trovatore and recently performed Mama Lucia in Cavalleria Rusticana under the musical direction of Otto-Werner Mueller.

She has sung as alto soloist in Beethoven's Ninth Symphony and Bach's Christmas Oratorio with the Victoria Symphony orchestra. Last year she won both the San Francisco and Metropolitan Opera auditions in Western Canada, and last fall participated in the first tour of the British Columbia Opera Ensemble singing the role of Mother in Hansel and Gretel.

### P. Claude Corbell

Claude Corbell is a bass singer who has performed on both French and English radio and television in Canada, held a recital in Paris and at the Covent Garden Opera House in London, and has sung numerous operatic roles in Montreal and Quebec City.

Born in Rimouski, Que., Mr. Corbell was winner of Premier Prix of the Conservatoire de Musique de la Province de Quebec. He also won a CBC talent festival contest.

On stage at 18, he sang in the concert version of La Boheme with the Quebec Symphony Orchestra under the direction of Wilfrid Pelletier.

During 1965-66 he was with the Theatre Lyrique Nouvelle France in Quebec and sang in La Boheme, Così Fan Tutte, Traviata, Lakme, Mignon and Barber of Seville. During 1966 he performed during the Montreal Festival at the Place des Arts in the operas La Traviata, Carmen, Tales of Hoffman, Opera d'Aran and Gianni Schicchi.

### HUMPS OF KNOWLEDGE

"Just think," said the husband reading his magazine, "it says here that over 6,000 camels are used each year to make paint brushes!"

"Goodness," exclaimed his wife brightly, "Isn't it amazing what they can teach animals these days?"

## Lively Salutes Centennial Year



It was a case of goodbye to 1966 and hello to Centennial Year when Lively's mayor Len Turner (at centre, above) touched the torch to a giant pile of discarded Christmas trees at the town's sportsfield. On hand to assist the mayor with the ceremony were Lively Centennial committee chairman Bert Squirell, the town's first mayor and senior citizen, 78-year-old Inco pensioner Ab Elliott, and five-year-old Johnny Peacock, representing the younger generation, shown on the right.

Close to 1,500 people were present to observe the proceedings, and while the flames leapt high into the night sky they were entertained by marching pipers brothers Jock and Eddie Eadie. A display of fireworks was followed by a skating party at the town's two open air rinks where the excited youngsters were treated to hot chocolate, cookies and candies by members of



the organizing committee formed and fired by the enthusiasm of Mrs. Marie Angus.

## High Honor for Ralph D. Parker

The American Institute of Mining, Metallurgical and Petroleum Engineers has awarded the 1967 William Lawrence Saunders Gold Medal to former International Nickel Company senior vice-president Ralph D. Parker.

He retired from Inco four years ago. He was notified the award had been made for "his outstanding contribution toward the determination and development of Canada's major nickel deposits, also for his foresight and leadership in the management of these operations."

Mr. Parker will receive his gold medal and citation at the institute's annual meeting in Los Angeles next month.

A 1921 graduate of the University of California, Mr. Parker holds an honorary doctor of laws degree from that university and another

from Laurentian University of Sudbury.

The Ralph D. Parker Building on the Laurentian campus is named for the retired Inco executive who is a former chairman of the board of governors.

The building named in his honor is soon to become the highest structure in Sudbury as a seven-storey library tower is to be added.

### ROOM FOR ONE MORE!

The family had overslept and the lady of the house woke with a start to the clanking of cans down the street. She remembered that the garbage had not been put out, and raced down to the front door, struggling into a robe, with her hair in curlers, and looking sleepy-eyed.

"Yoo hoo," she called. "Am I too late for the garbage?"

"No," shouted the collector. "Jump right in."

### GROWING LASER CRYSTALS

High-purity laser crystals of calcium tungstate are grown in crucibles made of iridium — one of the platinum-group of precious metals. Iridium is used because it can easily withstand the high temperatures, often more than 3200°F., necessary for laser crystal growth.

## Electrical Bonspiel Champs

Drawing a total of 32 rinks from the electrical crews of all Inco plants in the Sudbury district, the annual electrical department bonspiel at the Copper Cliff Curling Club notched another big

success sparked by a committee of Ted Beaudry, Gary Lott, Ed Trail, Ralph Gereghy, and Russ McKessock. Shown here receiving the O'Keefe trophy from Gerry Giusti are the winners of the main event, skip Johnny Luptak, Al Maki and Wayne Newman; fourth member of the team was Don Huhman. Their prizes were portable tape recorders.





GENERAL MANAGER J. A. PIGOTT PRESENTS THE SUDBURY DISTRICT ALL MINES SAFETY TROPHY TO CREIGHTON MINE SUPERINTENDENT E. E. MUMFORD AND ASSISTANT SUPERINTENDENT J. A. MASSEY. ON THE LEFT IS MINES MANAGER J. McCREEDY.



MECHANICAL SUPERINTENDENT F. G. BURCHELL AND ASSISTANT SUPERINTENDENT L. A. CREMA ARE CONGRATULATED BY MR. PIGOTT ON RECEIVING THE REDUCTION PLANTS SAFETY AWARD. ON THE LEFT IS REDUCTION PLANTS MANAGER R. R. SADDINGTON.

## Creighton Mine and Copper Cliff Mechanical Dept. 1966 Safety Champions

Close races right down to the wire in both divisions ended with Creighton winning the All Mines Safety Award for 1966 and Copper Cliff mechanical department taking the Reduction Plants Safety Award.

Creighton nipped last year's all mines champions, Frood-Stobie, in the home stretch. Third came Murray,

another former winner, with Garson, Crean Hill and Leveck finishing in that order.

In the reduction plants contest the 1965 champions, Copper Cliff electrical department, finished second to the mechanical department, with the transportation department a hot third. Then came the Orford depart-

ment, followed by the separation and FBR. Sixth was Coniston, seventh the Copper Cliff, Creighton and Leveck mills, eighth the Copper Cliff reverbs, and ninth the converters.

"The safety accomplishments of both the winning departments have been outstanding, and the personnel of both departments are to be

heartily congratulated," safety superintendent M. E. Young said in announcing the results.

The competitions are based on all-round safety performance during the year, taking into consideration the severity as well as the frequency of accidents and also the calibre of the department's safety promotion campaign.

### Cover Salute

Groups representing the 2,100 men of Creighton mine and the 1,000 men of the Copper Cliff mechanical department, winners of the Inco 1966 safety championships for the Sudbury district, take the place of honor with their trophies on the Triangle's front cover this issue.

In the Creighton group, top picture, are, left to right: Front row: Lucien Seguin, pillar leader, 5 shaft; Aimie Devost, slusherman, 3 shaft; Pat Crossan, drift driller, 5 shaft; Angus McLeod, electrician, 2nd class. Middle row: Bob Zadow, assistant mine safety engineer; Pete Clendenning, trammer boss, 5 shaft; Tom Young, machinist apprentice. Back row: Jerry Tavey, blaster boss, 3 shaft; Bill Moffatt, mine safety engineer; Andy Brisuda, slusherman, 3 shaft; Bill Gagnon, driller, 5 shaft.

In the Copper Cliff mechanical group, lower picture, are: Front row: "Grand" Schaefer, plateworker, 2nd class, plate shop; "Specks" Telford, maintenance mechanic, 1st class, miscellaneous fitters; Noel Shrigley, machinist, 1st class, machine shop; Dan Rowe, carpenter, "A" leader, carpenter shop. Middle row: "Rusty" Dubery, welder leader, welding shop; Ed Saville, carpenter, 1st class, concentrator; Tom Prior, smelter safety engineer. Back row: John Camilucci, maintenance mechanic, 2nd class, separation building; Leo Labelle, maintenance mechanic, 1st class, nickel converters; Harold Waller, smelter safety engineer.

### Monthly Safety Meetings Get Top Priority at All Inco Mines and Plants



An integral part of International Nickel's safety program are the monthly safety meetings at each mine and plant attended by members of supervision representing all departments of the operation. A thorough review of accident prevention results and a discussion of the campaign for the upcoming month are part of the agenda, along with a study of new mining regulations. Picture shows the January meeting at Copper Cliff for the reduction plants, launching another year of these top priority conferences. Addressing the meeting is safety superintendent M. E. Young; with him at the speakers' table are general manager J. A. Pigott, reduction plants manager R. R. Saddington, and assistant reduction plants manager L. N. Pearce.

### Golden Wedding

Mr. and Mrs. Arthur L. Weaver of Port Colborne celebrated their fiftieth wedding anniversary with a family dinner at their home, 178 Borden Avenue, where they have lived since their marriage at Snyder on November 29, 1916.

Both in excellent health, Mr. and Mrs. Weaver have two sons, Arthur, with Inco in the anode department and Allan, at Welland, and one daughter, Marie (Mrs. Leo St. John), Port Colborne. They have five grandsons, five granddaughters and one great granddaughter.

Mr. Weaver is an outdoors man and since his retirement in 1958 from the Nickel Refinery, where he was a locomotive engineer for almost 40 years, he and Mrs. Weaver spend the summer months at their cottage up north on Lake Nottawasaga. His hobby is oil painting, and a fine example of



Mr. and Mrs. Weaver received many letters and cards of congratulations and good wishes.

his work is hung in the Inco Recreation Club; another is shown in the accompanying picture.

The bride and groom of fifty years ago received many cards and letters of congratulations and best wishes, including a letter from Prime Minister Lester B. Pearson.

### SAMPLE CONVINCED HIM

A resourceful missionary fell into the hands of a band of cannibals.

"Going to eat me, I take it," said the missionary.

"Yes," replied the chief.

"Don't do it," advised the missionary, "you wouldn't like me."

He took out his pocketknife, sliced a piece from the calf of his leg, and handed it to the chief. "Try it and see for yourself," he urged.

The chief took one bite, grunted and spat.

The missionary remained for 50 years. He had a cork leg.



## A PROFILE OF J. Roy Gordon

Fifteen elements, ranging from nickel and copper by the millions of pounds to the platinum metals by the thousands of ounces, are extracted annually from the ores treated by The International Nickel Company of Canada, Limited.

Another element which also figures largely in that world-renowned corporation's success, has for 30 years been the personal specialty of the man who became Inco's president. This sixteenth factor is the human element.

Says Roy Gordon: "The most important qualification for anyone is the ability to understand people — men, their wives and families, and what makes them tick."

Such is the credo of a Canadian whose brilliant leadership in industrial research resulted in saving his company millions of dollars in operating costs and increased efficiency, and whose skill as an administrator moved him up to one of the biggest jobs in industry.

Last month J. Roy Gordon, who at the request of the board has been serving as president after becoming eligible for retirement, elected to retire as president of the Company. As chairman of the executive committee he continues as an active officer as well as a director of the Company.

### Of Scottish Descent

Roy Gordon's forbears came to Canada from Scotland late in the 18th century, and he was born in a part of the original log house on the family homestead at Glenvale, Ont., eight miles north of Kingston, son of the late Byron and Edith Harriet (Leonard) Gordon.

Life on the farm was pretty rugged but it graced him with an abiding respect for his faith and at the same time with a down-to-earthness that has been the lodestar of his distinguished career.

Living close enough to attend Queen's University was the break he needed to get started. He graduated at Kingston in 1920 with the degree of Bachelor of Science in chemistry. Thirty five years later he returned to receive the honorary degree of Doctor of Laws and address the graduates, later becoming a trustee of the University.

Other high honors have been conferred on him. In 1948 he was awarded the Inco platinum medal by the Canadian Institute of Mining and Metallurgy "for his contributions to process metallurgy in the smelting and refining of nickel, and improvements in metallurgical nickel recovery". In 1957, for the same achievements, he received the James Douglas Gold Medal of the American Institute of Mining, Metallurgical, and Petroleum Engineers. The big new research facility of International Nickel at Sheridan Park, near Toronto, has been

## Retires As President of Inco



Arnold Newman

J. Roy Gordon has retired as president but continues as an active officer of International Nickel as chairman of the executive committee as well as a director.

named The J. Roy Gordon Research Laboratory.

Mr. Gordon was a member of the Ontario Mining Commission which, in 1944, conducted a searching study of the industry and made far-reaching recommendations. He continues to take an active interest in the affairs of the metallurgy division of the C.I.M.M. He is a governor of the Ontario Research Foundation, where he once worked.

He believes that one of the greatest contributions outside of its own business that a company can make is by assisting education, and takes great satisfaction from Inco's broad undertakings in this field.

### First Canadian President

The first Canadian to become president of International Nickel, he proudly retains the citizenship

of his native country although he lives in New York. At the same time he persistently seeks to encourage a better understanding between Canada and the United States. "The importance of our common problems far outweighs that of our individual differences", he has said.

He was one of a dozen leading industrialists requested by the Canadian Government in 1960 to go to Europe and learn first hand the implications of the Common Market concerning Canada's export trade. His observations and conclusions, as set forth in an address to the Canadian Club of Toronto, showed profound insight when viewed in the light of subsequent events and developments.

In sports, the president of the

world's biggest nickel company is a hot football fan, especially Canadian football. He always has half a dozen friendly wagers going on the Queen's-Varsity and the Grey Cup games. But curling is his true love, although he has had little chance to enjoy it since moving to New York. In the good winter times at Copper Cliff he delighted in the robust kidding and fellowship at the curling club, and was known as a sound man at either the knockout or draw style of game. The blue-ribbon annual competition at both the Copper Cliff and Thompson curling clubs is the J. R. Gordon Trophy event.

He is probably the only holiday fisherman who ever threw back a sailfish. Along toward an evening, off the Florida coast, he had the astounding experience of hooking two beautiful sailfish at the same time on his double line. He boated one for a trophy but with a sigh of reluctance set the other free after reeling it in to the point where the leader could be grasped and the double catch made official.

### Destiny Marked Him Early

It was in a small laboratory in the basement of Nicol Hall at Queen's University that Roy Gordon, fresh from graduation, hung up his hat and went to work as a scientist in the spring of 1920. One of his professors, Dr. C. W. Drury, a consulting geologist, had engaged him as a research metallurgist for the Deloro Smelting and Refining Company and other interests of M. J. O'Brien Limited.

It could be said that the finger of destiny touched him in the first hour of his career, for his initial assignment was a study of nickel-cobalt ores.

Deloro subsequently opened a research laboratory in Welland, and there for the next eight years the young metallurgist practised his profession, developing process improvements in the extraction of nickel, cobalt, arsenic and silver from the Cobalt ores treated by his company, and at the same time laying a broad foundation of observation and study in the mineral industry.

"My training with the O'Brien firm in the complex ore of Cobalt — which has a little of everything in it — gave me a fine grounding for later research with the nickel company", he has since said.

A colleague of those years, William McIntosh, recalls, "He was a thinker, but also a hard worker, and he was always in good humour". Those who know him

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## Named to Honor Distinguished Career of Canadian Scientist

One of the world's best equipped metallurgical process research facilities, the new J. Roy Gordon Research Laboratory at Sheridan Park, near Toronto, was named by International Nickel in honor of its president.



# Stanley Stadium

... 32 YEARS YOUNG AND BUSIER THAN EVER

Settled rather like a mother hen in the shadow of the smelter stacks, Copper Cliff's Stanley Stadium has a placid, modest mien that gives little hint of the activity pulsing beneath its rounded roof eight months of the year.

During the winter season extending from the beginning of November to the end of March this venerable community centre, with its record of over 32 years of faithful service, operates seven days a week from 8 a.m. until midnight, and has a steady ice-time booking of 80 hours a week.

The stadium bears the name of R. C. Stanley, who was chairman and president of Inco in October 1934 when construction of the building commenced.

In order to provide a firm footing for the concrete foundations, tracks were laid from the smelter and the marshy site became the scene of continuous dumping of molten slag for many weeks. On this solid base the building rose

rapidly and was officially opened in 1935 to the skirl of a pipe band and a hockey match on the 80 x 180 foot ice surface. It was built to seat some 1,100 spectators, but there have been countless times when close to 1,500 enthusiastic fans have jammed in to root for their favorite teams.

#### Famous Teams Played There

Some championship hockey teams that have battled there are the well-remembered Frood Tigers, Allan Cup winners in 1937, the Copper Cliff Redmen, Dominion Junior finalists in the same year, and the Frood-Stobie Open Pit team, winners of the Ontario senior championship in 1944 and 1945.

Many players from those celebrated teams went on to greatness in the NHL and the AHL. The stars of the top U.S. intercollegiate teams these days are Stanley Stadium graduates attending American universities on hockey scholarships.

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Performing the difficult butterfly jump, 12-year-old Northern Ontario junior champion Roger Uemae is watched by some of the 130 members of the Copper Cliff Skating Club at a Sunday afternoon practice session.



With a constantly crowded schedule, manager Pat Heaphy and his staff of four often have a hectic time of it. Three of the staff seen with Pat are Company pensioners Dennis Poppin and Bill O'Brien, together with Sabina Dogastina (left). Missing is pensioner Billy Bryant.



Girding for the Saturday morning fray in the 210-member Copper Cliff Athletic Association minor league, the minor bantam Boston team prepares to do battle with Toronto Leafs. Chairman of the league is the irrepressible Yocker Flynn, one-time member of the great Sudbury Wolves "Kid Line".



Here's a tense moment during a Saturday night match between Copper Cliff High School and Sacred Heart College. The excellent hockey played in the intercollegiate league draws vociferous support from wildly partisan fans.

Always a busy place is the lunch bar operated by Edith and Cliff Wing, where hot dogs and chips disappear in phenomenal quantities.



As general chairman of the 138-member Sudbury Centennial Celebration Committee, Copper Cliff Mill's Reg Beach has already put in almost two years of planning and preparation, has a hectic 10 months ahead of him. Here (left) he checks out Centennial decorations with the hard-working celebrations co-ordinator, Ernie Cressey.



## SOME OF THE Sudbury Centennial Highlights

ANNOUNCED BY THE CELEBRATIONS COMMITTEE

- February 20 — LECTURE (Sir Robert Borden), Sudbury High School.
- March 11 — EXHIBITION OF PAINTINGS, Sudbury Arts and Crafts Club, Sudbury Public Library.
- April 3 — LECTURE (Sir Wilfred Laurier), Sudbury High School.
- April 17 — OPERA (Don Pasquale), University Women's Club, Sudbury High School.
- April 20 — LECTURE (W. L. Mackenzie King), Sudbury High School.
- April 27 — MILITARY TATTOO, Sudbury Arena Commission, Sudbury Arena.
- May 11-12 — TORONTO MUSEUM CHILDREN'S THEATRE, Sudbury High School and Sudbury Youth Centre.
- May 12 — FASHION SHOW, Sorrento Motor Hotel.
- May 14 — SPECIAL PENTECOST SERVICES, All City Churches.
- May 27 — ONTARIO VARIETY SHOW (The Travellers and Party), Sudbury Arena.
- May 30 to June 3 — CONFEDERATION TRAIN, C.P.R. Station, Sudbury.
- June 1 — R.C.M.P. MUSICAL RIDE, Sudbury Arena.
- June 24 — ST. JEAN BAPTISTE CENTENNIAL SERVICES, All French-Speaking Roman Catholic Churches.
- June 30 — INTERNATIONAL CENTENNIAL BALL, Sudbury Citizenship Committee, Laurentian University.
- July 1 — CENTENNIAL DAY 1967. Parade, Ethnic Crafts, Display, Agricultural Fair, Official Opening of Bell Park Centennial Centre, Official Opening of Sudbury Centennial Museum and Fine Arts Centre, Street Dance, Fireworks Display.
- Sept. 8 — R.C.A.F. GOLDEN CENTENNAIRES Aerobic Team.
- Sept. 19 — CHANSONNIER Sudbury Youth Centre, Sudbury High School.
- October 6 — NATIONAL BALLET COMPANY, Sudbury High School.
- October 15 — INTER-DENOMINATIONAL YOUTH RALLY, Sudbury Arena.
- October 22 — FOLK ARTS FESTIVAL, Sudbury Arena.
- November 14-15 — HOLIDAY THEATRE, Vancouver Theatre for Children, Sudbury High School.

## Sudbury's Centennial Program Packed with Interest for All

A military tattoo with 250 performers, the world-famous RCMP musical ride, the RCAF Golden Centennaires aerobatic team, the Confederation Train, the National Ballet Company, and Toronto Museum Children's Theatre are among the highlights of Sudbury's Centennial Year program.

Added to the 25 special events arranged by the Centennial Celebrations committee are upwards of 200 events of one kind and another to be staged by various groups and organizations, making 1967 one of the busiest as well as most significant years in the city's history.

July 1 will be the big day, of course, with a huge parade, street dance and fireworks headlining the activities. Official openings of the Centennial Centre in Bell Park, and the Centennial Museum and Fine Arts Centre on the old Bell Rock estate, are scheduled for

July 1.

An Indian Dance, staged by the Nickel Belt Indian Club, opened the Centennial Year program on January 14. Then on January 20 came the Confederation Ball, held in the Great Hall at Laurentian University. The younger set had a fling on January 21 at the Centennial A-Go-Go in the Sudbury Arena. An ecumenical service at Laurentian University on January 22, and a performance by the celebrated Les Deux Foillets on February 7, have been other highlights to date.

Among coming events of unusual interest is A Taste of Sudbury, an original revue written by Gordon Merriam and Marie Gardner which will be presented at Sudbury High School on March 2-3 by a group of local artists under the direction of Mickey Merriam.

Laurentian University has pro-

claimed February 19 to 26 as Centennial Week, during which students and faculty will enjoy a

broad program of special activities including a folksong festival, a panel discussion on Confederation, lectures, a torchlight parade, winter sports and a Centennial Dance in the Great Hall.

### Frank Majerick

A bricklayer by trade, Frank Majerick has retired on service pension after nearly 24 years with Inco. Since undergoing surgery in 1964 he has worked as a helper in the Copper Cliff machine shop.

Born in Polomka, Czechoslovakia, Frank started work in a lumber yard at age 14, and in 1928 travelled to Canada to work on a farm near Lethbridge, Alberta. Work with a transit company in Montreal, at a lumber camp in Gogama, and with the township of McKim followed; in 1942 he joined the bricklayers at Copper Cliff.



Frank Majerick

Helena Tokar became Frank's wife in 1925, and joined him in Sudbury in 1939. They have two daughters. Mela is the wife of Arto Bertulli of the nickel reverberator building at Copper Cliff, and Helen lives at home. Two grandchildren complete the family.

The Majericks have their own neat home on Stradwick Avenue in Sudbury, and work around the house will keep Frank busy enough during his well-earned retirement years.



CANADIAN ARMED FORCES TATTOO, scheduled for Sudbury Arena on April 27, will portray Canada's armed forces during the past 300 years. Authentic dress uniforms, weapons, songs and drill will be used in pageantry and comedy lit by sweeping color spotlights, with 250 performers. Pictures show two of the regiments to be featured:

LE REGIMENT DE CARIGNAN-SALIERES — 1665 — This famous French regiment was dispatched to Canada (then called New France) by King Louis XIV and disembarked from its small sailing vessels on eastern shores in the spring of 1665. It was the first military protection the colonists enjoyed. THE 42nd (ROYAL HIGHLAND) REGIMENT OF FOOT — 1782. The first battalion of this British regiment arrived in New York in 1756 and eventually garrisoned in Nova Scotia. It is from this famous regiment that the Black Watch (Royal Highland) Regiment of Canada derives its name and much of its colourful dress and traditions.





## A PROFILE OF J. Roy Gordon

(Continued from Page 6)

best say he has never varied from this pattern, except for occasional lapses of the last-named characteristic at times of extreme provocation. These lapses, by the very vigor of his nature, are usually stormy, and "the bite of his tongue" is a misfortune not soon to be forgotten, but he is essentially a cheerful man.

Roy Gordon's work at Welland was soon attracting attention, and in 1929 he was invited to join the staff of the Ontario Research Foundation in Toronto, where he became assistant director of metallurgy. This, for a young man of 30, was stepping right along.

### A Climate of Challenge

Then in its infancy, the Ontario Research Foundation was the result of a co-operative effort of government and industry to establish a self-governing institute to engage in research and development on contract for manufacturers, departments of government, and on its own account. Premier G. Howard Ferguson, representing the provincial government, and Sir Joseph Flavelle, representing industry, had taken the initiative in setting up this service to Ontario's burgeoning industrial complex. A staff core of outstanding young scientists and engineers was recruited, facilities organized, and a program laid out which has since made a substantial contribution to the growth of Canadian enterprise.

In this invigorating climate of challenge and opportunity J. R. Gordon's talents took root and flourished. He made a name for himself with his investigations under such diversified subjects as analysis of nickel-bronze, the applicability of low-temperature reduction to certain Ontario iron ores, the use of ammonia gas as a source of hydrogen for the production of reducing atmospheres, the wear resistance of white cast iron. Here again it would seem that destiny was showing a good deal more than casual interest in shaping him for his big tomorrow. That tomorrow was soon to come.

The International Nickel Company of Canada, Limited, had been taking a long look at production methods at its reduction works in the Sudbury District. In a major expansion program it had greatly enlarged and improved its mining and metallurgical plants, and now was preparing for an era in which process efficiency and high recoveries would be of even greater importance than they had been in the past.

The introduction of bulk mining, along with radical improvements in mining methods through diligent and imaginative research, would assist very substantially in offsetting the lower grades and higher costs already indicated for the future. At the same time, however, it was clearly recognized that

strong emphasis would have to be placed on process refinement to attain maximum utilization of the raw material and keep the balance sheet well in the black.

### "There's Our Man"

In 1936 Inco built a large research laboratory at Copper Cliff and picked Roy Gordon to run it.

Applications for the post had been received from many parts of the world, for this was a distinguished appointment, the stuff of which a young scientist's dreams are made. Reviewing the qualifications and experience of the applicants, International Nickel officials were struck by the coincidence that J. R. Gordon seemed to have been preparing himself for this job from the day he graduated 16 years previously. A personal interview disclosed his practical, down-to-earth approach to process research, his quick, incisive mind, and his genial personality. Dr. Paul D. Merica, dean of the Company's research activities, said "There's our man".

Skimmers, tappers, shift bosses and test engineers in the smelter at Copper Cliff soon found he was their man too. Instead of the lofty, detached savant of science they had somehow expected to see at a distance, they found themselves shaking hands with a big, warmly affable fellow who was genuinely interested in everybody he met.

But for all his friendly approachableness the new director of process research left no doubt that he was in dead earnest about his work. From that crisp October morning when he made his first appearance, he became a familiar figure out in the plant as he studied the behavior of the complex copper-nickel ores at the various stages of their reduction from calcine to matte.

"He was a smart man but he never made a big mystery of hocus-pocus about what he was doing or looking for," a veteran converter skimmer recalled. "He would explain things to the men on the job. It made you feel good to work with him."

And Roy Gordon would be the first to admit that he got many a sound lead from just talking things over with the old smelter hands as well as from the results of extensive investigations carried on over the years by the Copper Cliff metallurgical staff.

### Tramped the Slag Dump

He cut his wisdom teeth on slag losses, always a sore subject with the management. Instructed to investigate this situation, Roy Gordon with characteristic directness went out and tramped the great gray waste of the slag dump to see what he could see. "Look, Bill," he presently remarked to the young metallurgist who accompanied him, "isn't this a little different tone of gray here compared to that over there?" They dug up samples of slag from half a dozen different spots where they found varying shades of gray and hiked back to the lab. Assays showed that the variations in color were caused by the amount of silica used to make the slag, which in turn was linked directly to the amount of metal that had escaped along with the waste material. By the eventual installation on the furnaces of a system of automatic slag sampling, and closer control of reverting converter slag and of silica flux, metal losses were cut

### The Sun's An Artist



Backlighting smoke from the pelletizing building, and casting long shadows in the snow, the sun dressed up a pretty picture of the Iron Ore Plant in Copper Cliff on a clear winter's day.

and Roy Gordon were the first of many feathers in his cap.

"What struck me most," remembers Bill Armstrong, "was the common-sense way he immediately went about applying both the physical and the metallurgical evidence that lay there in plain sight on the slag dump."

This same practical approach led Copper Cliff's questing research director to his next major achievement. Pondering the old Orford Process of copper-nickel separation, basically unchanged since the day it put the nickel industry on its feet half a century before, he wondered if the mixture of matte and sodium sulphide could not be allowed to cool just to the separation point in a vessel and then skimmed off, instead of being poured into a huge platoon of pots, left to freeze, and then laboriously broken apart with bar and sledge. It turned out that his hunch was right on the nose, and the costs of the process were soon chopped appreciably.

### Built a Strong Staff

Meanwhile Roy Gordon was quietly demonstrating his flair for administration by building a strong and loyal research staff. In this respect he was following, perhaps unconsciously, the philosophy so modestly stated by Dr. John F. Thompson, who rose from the ranks of research to become the chairman and chief officer of International Nickel: "When you need help you will hire an assistant, or assistants. With a vital interest in the success of the immediate job, you will try to find men who are more competent than you are. Sooner or later, having such men, you will not be needed in that department. The men you hired will push you out — into a larger and better job."

In this pattern a succession of able young men, whose names are identified with some of the giant strides that have been taken in process invention and improvement

at Inco, one after another were enrolled by Gordon.

Major technological breakthroughs scored by this team of scientists have included the matte flotation process which replaced the Orford method of copper-nickel separation, oxygen flash smelting of copper concentrates resulting in higher sulphur recovery, the production of electrolytic cobalt, the recovery of high grade iron ore, the sulphide anode process of refining nickel, and fluid bed roasting for the continuous production of nickel oxide from fine sulphide concentrate.

The significance of one of these research triumphs was indicated by Carle R. Hayward, professor of metallurgy at Massachusetts Institute of Technology, in the Engineering and Mining Journal of February, 1948. Discussing the new Inco matte flotation process he wrote: "It is one of the most fascinating metallurgical developments which has appeared in many years. The patents have specific application to the nickel industry in the Sudbury district, but they are intriguing in their use of fundamental science. Some of our ore deposits containing finely divided mixed sulphides were probably formed in the same way, and here nature's laws are being used to separate sulphides produced in the smelting operation."

### A Sower of Ideas

What is the Gordon technique in fostering research success of such eminence? One man of the team described it this way:

"He is a very skillful sower of ideas. You come away from a discussion thinking what a smart fellow you were to have thought all this. And then you gradually realize that he had been feeding you ideas all along the way."

"When faced with initiating a project, he believes that the first thing to do is get some actual experimental work going. Maybe it will prove to be entirely in the wrong direction, but the very act will in itself lead to the formulation of ideas. He believes in large, bold steps. The details can be taken care of later."

"He has always shown the toughness and courage it takes to ride a problem and let time work for him. He believes in doing the best you can today, and not worry about tomorrow."

J. Roy Gordon soon got "pushed out" of his job as director of process research at Inco — pushed out into bigger and better jobs. In 1941, five years after he joined the Company, he was drawn into the mainstream of management as assistant to the vice-president. He succeeded the late R. Leslie Beattie in June, 1953, as vice-president and general manager of Canadian operations, and the following month was elected a director of the Company. In January 1955 he transferred to the New York office, and early in 1957 became executive vice-president. His rapid rise was climaxed by his election as president in April, 1960, at the first meeting of the Company's directors to be held at Thompson, Manitoba, the scene of Inco's vast new nickel development.

### Retains Zest for Research

He emerged as a top-grade scientist with a strong business sense, making him an extremely effective negotiator and executive.

(Continued on Page 13)

## Geared Up for Manitoba Expansion



In the purchasing department, located in the plant's administrative building, purchasing agent Bill Thorpe and assistant purchasing agent Jack Holtby discuss a summary of tenders on chemicals, prior to placing contracts for the year. Construction has commenced of an extension to double the capacity of the Thompson plant's warehouse, as part of the Company's huge expansion program in the Thompson area.



Orders placed monthly by the purchasing department at Thompson have increased from an average of 700 in 1961 to 1,500 in January of this year. Four of the department's buyers are seen here discussing a project schedule sheet: Ron Symington (seated), Ray Buzza, Ray Bourassa and Steve Prusak.



Hilde Dicke operates the Flexewriter which simultaneously types stock orders and IBM cards for inventory control. On the right Carol Urbanowski is shown checking direct charge purchase orders for accuracy.



At the supplies issuing counter in the warehouse are seen counter men Frank Fichtner, Eldon MacDonald and Lawrence Chaboyer, completing issue cards. Other counter men on the staff are Gordon McCrea and Bob Liske.

## Purchasing and Stores Dept. at Thompson in Thick of Huge Project

International Nickel's \$100,000,000 expansion program in the Manitoba division, announced following a meeting of the board of directors at Toronto on November 1, had an immediate impact on the purchasing and stores department at Thompson.

A steady stream of orders started at once for materials and equipment to get the huge project rolling, and has continued in increasing volume. At the same time the work of maintaining supplies for regular plant operation and maintenance has been carried on without interruption.

Development of the low-grade ore deposits at Pipe Lake, construction of a 45-mile railroad to Thompson, and expansion of facilities at the Thompson plant are included in the \$100,000,000 program. With the equipping of the new mines at Soab and Birchtree, this adds up to a whole lot of purchasing, all of which is being handled by the Thompson staff.

The purchasing department has already ordered much of the equipment for the Birchtree and Soab shafts. The main transformers and circuit breakers for Pipe Mine

and Open Pit have also been ordered.

### Buying a Railroad

An interesting and unusual part of the overall project is the procurement of steel rail, ties, rail joints, tie plates, spikes etc. required for the 45-mile railroad which will connect the Pipe and Soab operations with the Thompson plant. Over 10,000 tons of rail, approximately 200,000 ties, and all the fittings necessary for this railway are now under study and purchase negotiations. Bids are out for tenders on some 120 100-ton cars to haul the ore to Thompson plant mill. Since current plans call for completion of the rail line in the early summer of 1968, locomotives and maintenance-of-way equipment will have to be ordered in good time to meet the schedule.

Additional flotation cells for the mill expansion have been ordered and quotations are now under consideration for additional grinding mills.

A contract has now been negotiated with a structural steel supplier for some 8,000 tons of steel for the smelter expansion alone.

Proposals on additional electric furnaces, converters, and all ele-

Storekeeper Bill Bilows (seated) and stores foreman Norm Propp are making a regular check of the stock status reports that ensure ample supplies of the hundreds of items required for plant operation and maintenance.





## Keeping Track of Vast Supplies for Plant Operation and Maintenance



In the Thompson warehouse office Walter Reinheimer and Jack Bayne (nearest camera), Gerry Ouellette and Archie Clouthier (facing camera) are shown as they carry out stock control duties, while in the background Fred Pundy and Allan Dahan discuss inventory records.



Everybody's hard at it in this shot of the warehouse receiving area personnel. This section is responsible for checking all incoming and outgoing shipments for accuracy, plus all related duties. Barry Benny (white shirt) is in charge of the section; at the desks with him are Gerry Sangster, Harvey Allen and John Lewis; the three men in the foreground are Dennis Parent, Marlin Morgan and Russ Colleton.

mentary heavy equipment for the smelter addition are under consideration.

Requests for proposals have been issued to manufacturers of heavy duty compressors and blowers for the smelter addition.

Plans and specifications for the entire expansion project are being engineered by Giffels & Associates under the jurisdiction of the Thompson engineering department.

One of the early procurements necessary to accommodate the construction forces which must be built up rapidly to keep the project on schedule was the acquisition of sufficient metal trailers to house and feed some 800 men. Many of these units have now been delivered, with the remainder to follow as manpower becomes available.

All of this procurement for the expansion is being carried out by the purchasing department while the regular work of maintaining operating and maintenance supplies continues. This has required a reassignment of duties among the staff and results in opportunities for some of the less senior buyers to participate in large-scale capital equipment procurement.

### Growth of Stores Activity

An example of the steady increase in activity in the stores section of Thompson in the past few years shows that some 40,000 receipt cards were processed in 1966 as compared with 25,000 in 1963.

In 1966 approximately 160,000 issue cards were processed as against 125,000 in 1963. The volume of ordering by the purchasing section has increased from 700 orders per month in 1961 to 1,100 orders in 1963 to 1,500 orders in January 1967. It is of interest to note that this has been possible up until the recent expansion program commenced, without additional staff.

Stores department records show that incoming carload shipments increased from 120 per month in 1963 to 160 monthly in 1966.

In addition to incoming commodity carloads, the warehouse received in 1966 miscellaneous merchandise as follows: rail freight, 4,067,089 pounds (92 carloads); LCL and express, 728,700 pounds; truck transport, 2,768,387 pounds; air express and miscellaneous freight, 28,461 pounds; a total of 7,592,637 pounds. Parcel post shipments are not included in this summary.

An elderly lady hired an historian to write up the genealogy of her family. In no time, he came across the skeleton in her family, Uncle Benjamin, who had been put to death at Sing Sing for certain indiscretions. The final story read:—

"Uncle Benjamin, after a short business career, occupied the chair of Applied Electricity at one of our great state institutions. He died in harness."

where he was employed at the time of his retirement.

Florence Seguin of Blind River became Raoul's wife in 1948. Their family of five attend schools in



Mr. and Mrs. Mathieu

Noelville and Alban. Lorraine is 17, Roland, 15, Jean Guy, 13, Gerald, 11, and Dennis, 9.

After living in Dowling for seven years, the Mathieus have moved to a farm at Rutter. Raoul may be sure that all his workmates and friends at Inco wish him well in his new venture.

### Peter Mockus

Peter Mockus is retiring from the Port Colborne Refinery, on service pension, his continuous service dating back to May 20, 1943.



Peter Mockus

Born in Kai-mas Putokala, Lithuania, in 1901, the son of a farmer, Peter helped on the farm until he came to Canada in early 1927, going to Saskatoon to do bush work. In 1928, he moved to Port Colborne and has remained ever since.

Peter originally started working in the Port Colborne Refinery in 1929 but was later laid off due to curtailment. With the exception of about five earlier years in the warehouse, he worked most of his years as a stripper in the E.N.R. department.

Peter says he is looking forward to his retirement and has no plans other than relaxing and enjoying a leisurely life.

At a gathering in the electrolytic department Peter was presented with a purse of money from his fellow workers. C. H. Ott thanked him on behalf of the Company and wished him many years of enjoyment.

### Raoul Mathieu

Recently retired on disability pension at age 39 on account of back trouble, and with a young family of five, Raoul Mathieu is taking the bull by the horns and is planning to return to school to study bookkeeping.

Born in Montreal in 1928 Raoul was raised on an Alban farm and first started to work for Inco at Frood mine in 1945. He went back to farming, but returned to Inco at Murray mine in 1951. He was working there as a driller when he injured his back in 1957. He was transferred in 1958 to Levack,

### Mike Pecinor Earns Promotion in His New Career

His old buddies at Stobie would have enjoyed seeing Mike Pecinor receive his sergeant's stripes as a Laurentian University security officer, the job he took when he retired on an Inco service pension in 1964. The university president, Dr. Stanley Mullins, is shown congratulating Mike on his promotion while chief security officer Andy Cote tries the new stripes for size. The chief and another member of his staff, Joe Pellerin, are also Inco pensioners.







De Witt Henry West is off for a spin in the country with his wife in the electric car he made from bits and pieces. He built this prototype to demonstrate the running system and enjoyed doing it but would rather not go into commercial production of his "wonderful no-hoos shay".

## How to Beat the Gasoline Bill

De Witt Henry West, research manager at International Nickel's refinery at Clydach, Wales, built an electric car for about \$150.00. Runs like a charm, too.

Mr. West lives 25 miles from Clydach, and during the gasoline rationing resulting from the Suez troubles he was faced with the problem of how to get to work. This set off a train of thought that led to his electric car.

We are indebted to our colleagues on Nickel News, London, for the details of Mr. West's novel accomplishment.

An orthodox electric car would not solve the dilemma because it could only travel short distances before it became necessary to recharge the batteries. Mr. West decided that what was needed to overcome this drawback was a petrol engine which would charge the batteries while the car was actually in motion. He was able to obtain the two 12-volt nickel-cadmium batteries which were essential to the job. To these batteries he added scrap aircraft electrical equipment and the work was completed with the addition of a petrol engine from a farmer's 20-year-old chaff-cutting machine — and the whole assembly worked!

The car is particularly safe because both accelerating and braking power is controlled by one pedal, which when depressed causes the car to gain speed and when let up causes it to brake.

Mr. West says that one of the great advantages of this type of power unit is that the wheels can't go any faster than the position of the driving pedal will allow, and consequently there is an in-built braking system which can't jar and is therefore less likely to cause skidding. He also makes the point that as there is no gear box the driver can even switch to reverse while travelling forward without damaging the vehicle — all that happens is that the car comes to a fairly abrupt halt and then starts going backwards. Another attraction is the petrol consumption which is in the region of 80 miles to the gallon.

The car is not suitable for use on motorways or for touring purposes but is ideal for use as a run-

about in urban areas. It handles easily and parking problems are cut to a minimum, a real step towards the perfect commuter's car.

## Jack Kent

The retirement on service pension of Jack Kent was marked by a stag party at the Italian Club, attended by 80 of his friends and fellow workers from the Copper Cliff winding shop where he has worked as a winder throughout his



Mr. and Mrs. Kent

32 Inco years. Jack was presented with a model of a slip ring rotor and a well filled purse.

Born in the shadow of Mount Royal in Montreal, Jack was raised in St. Catharines, and at the age of 14 started to work as a winder apprentice at Canadian Crocker Wheeler. After completing his ap-

prenticeship he remained with that company until he came to Inco in 1934.

Mary Kostuk of Dunnville became Jack's bride in 1927. They have a family of four. Daughter Mary is Mrs. Kaz Wludyka of Niagara-on-the-Lake, Rose is the wife of Copper Cliff transportation department brakeman Doug Brunton, John is a guard at Burwash and Fred lives in Woodstock. Three of the Kents' five grandchildren live in Copper Cliff and are regular and welcome visitors to their grandparents' home on Rink Street. "I've had no transportation problems for the past 32 years," said Jack. "That half mile walk to and from the shop was just enough to keep me in good shape."

A summer camp on Long Lake, and visits to their children will brighten much of the time in the Kents' retirement years.

## THE GHOST WALKS

Boss: "Do you believe in life after death?"

Office Boy: "Yes, sir."

Boss: "Then everything is in order. After you had gone for the afternoon to bury your grandfather, he came in here to see you."



Assistant mechanical superintendent Jim Metcalfe (centre) extended the Company's congratulations and good wishes to Eli Ferland, on his right, and Joe Blais, on his left, at a stag party honoring them on their retirement from the smelter blacksmith shop. Each was presented with an armchair, a mantel clock mounted in a stainless steel surround with inscribed plaque, and a wallet of money. Their wives received bouquets of roses. The party, attended by 170, was held at the Copper Cliff Italian Club. Others in the group above are Russell Maxam, Orville Hickey, John Robertson, George Langdon, Lloyd King and Elwood Trezise.

## Eli Ferland

Plagued with a stiff ankle since 1947, when a fall from a roof broke his leg in three places, and unable to enjoy the more rigorous outdoor pastimes, Eli Ferland turned to card playing and became quite a bridge expert. "I used to play until the early hours of the morning," said Eli, "although I've cut that out now — I can't take the late hours anymore."

Retiring on service pension, Eli has worked for the Company for 23 years.

Born in 1902, in Lotbiniere, P.Q., on the St. Lawrence River some 30 miles upstream from Quebec City, Eli was living at Ste. Croix when at the age of 15, he crossed the U.S. border to work on construction in New Hampshire. He returned to Quebec City in 1921 to be a store clerk, and two years later joined the



Mrs. Ferland

Canadian Bridge Company at Windsor.

He got his first look at the Copper Cliff smelter when he arrived with the Dominion Bridge Company in 1929 to erect the steel-work for the crushing plant.

Depression kept him idle in the early 30s, but in 1936 he found work as a burner with a construction company at Copper Cliff. He kept his trade when he joined Inco's mechanical department in 1943. He has worked in the blacksmith shop for the past 11 years.

Eli's wife, Josephine Caron whom he married in 1930, is proud of the fact that she has lived in Sudbury since 1899. Of their family of five, only Pierre lives in Sudbury. Guy lives in Montreal. Marielle is Mrs. John Daoust and lives in Ottawa. Gilles in Montreal, and Sylvia in Ottawa.

Santa Claus left two tickets for Expo 67 at the Ferland house, so Eli and his wife are planning a trip that will include not only the big exhibition in Montreal, but also a visit with their family and 11 grandchildren.

## Joe Blais

After only a short while on service pension, and with 32 Inco years behind him, Copper Cliff smelter blacksmith Joe Blais is restless in his inactivity. "I've

just got to find something to do, by gravy!" exclaimed Joe. "This sitting around all day doesn't suit me one little bit."

Born in 1901, on a farm at Chapeau, on the north shore of Alouette Island, P.Q., Joe was busy helping with the farm chores as early as he can remember. In 1920, he left the farm for the Poupore Lumber Company at Gogama, to take charge of a "keep-over" during winters and to act as fireguard during the summers of the next seven years. Three years of construction at Fitzroy Harbor followed. Then in 1930 he married Rose Mainville, the daughter of a Chapeau farmer, and settled on his father-in-law's farm where he worked until he came to Inco and the Orford building in 1934. His transfer to the mechanical department and the blacksmith shop came in 1941.

Joe and Rose have raised a family of five. Their daughter Delia

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## A PROFILE OF J. Roy Gordon

(Continued from Page 9)

His intimate knowledge of his Company's operations and his instinct for the human factor serve him as well on the massive front of international trade and commerce as they did on the production line at Copper Cliff. He retains his zest for what he calls "the frustration and fascination of research," and daily breathes his own special brand of vigor into some phase of Inco's highly geared efforts to find better ways of making nickel and more places to use it.

From time to time some of his associates note in him an almost psychic ability to sense a developing problem and start working out the solution. He disclaims any occult powers, but not to be denied is his record of making large and difficult jobs look deceptively easy.

In addition to his Inco directorships, Mr. Gordon is also a director of Canada Life Assurance Company, The Toronto-Dominion Bank, The British American Oil Company, Ltd., all of Toronto, The Steel Company of Canada, Limited, of Hamilton, The Babcock and Wilcox Company and The Borden Company, both of New York, a trustee of The Bank of New York, and a member of the Board of Trustees of Queen's University, Kingston. He is president of the board of trustees of the Brick Presbyterian Church of New York.

Married first to Margaret B. Arthur of Kingston, Ontario, deceased, and second to the former Joan E. Windus, a native of Quebec City, he and Mrs. Gordon live in an uptown apartment in New York, and are a handsome, popular and gregarious couple who particularly enjoy a small party with friends or an evening at the theatre. He has two daughters, Mrs. Ralph Harrison and Mrs. Fraser Parrott, two sons James and David, and a stepson, Brian. On his frequent trips to Canada he takes every opportunity to slip away for visits with his seven grandchildren in Toronto, Cobourg and Galt.

### The Personal Touch

Roy Gordon never loses sight of people or forgets friends. In a speech at Toronto on the Company's affairs he digressed at length to offer a charming tribute to a lady, by chance seated opposite him, who had played an outstanding part in community life in the earlier days at Copper Cliff. On a trip to Britain he interrupted his crowded schedule to get in touch with a Canadian employee's daughter he had heard was working in the London office, and have her drop by for a chat about home. When he leaves his New York office in the evening it is with a cherry "Good night, Al!" to the elevator starter. This nicely rounds out his day. It's his natural flair for the sixteenth element.

## "We Want Every Man to Feel He's Right in the Middle of a Safety Effort"



Regarded as a model of safety promotion is the job demonstration held first thing every Friday morning in the electrical shop at Port Colborne nickel refinery. And obviously it pays off, for on the day the picture was taken (January 27) the electrical department had completed four years and 72 days without a lost-time accident, its all-time record. Shown giving one of his clear and thoroughly detailed talks to an attentive audience of 60 men is electrical foreman E. J. Bridge. Topic that morning was safety in servicing the charge mixers in the anode department. Electrical superintendent A. Zahovich also spoke briefly driving home the safety message pointed up by a newspaper report of a fatality caused by installation of improper fuses. Assistant to the electrical superintendent T. Christoff also attended the demonstration.

## Strong Support for Canada's Centennial Celebration by Inco

Strong participation in Canada's Centennial celebration was announced for International Nickel by Henry S. Wingate, chairman of the board, at a conference in Toronto.

Details will be found on Page 2 of the Company's major cultural project, three hour-long Centennial performances on CBC television and the awarding of \$2,500 scholarships to six young Canadian artists who will perform in these shows along with Canadian international stars and the Montreal and Toronto symphony orchestras.

### Many Projects Assisted

In addition the Company is making substantial donations to the following local Centennial projects: Copper Cliff, Public Library; Lively, Public Library; Sudbury, Museum and Fine Arts Centre; Toronto, St. Lawrence Centre for the Performing Arts; Thompson, Public Library; Winnipeg, Manitoba Museum of Man and Nature, and Planetarium.

At Expo 67 in Montreal, International Nickel's major contribution is the sponsorship of the 67-foot high, 46-ton stainless steel stable designed by Alexander Calder to be erected in Place International Nickel. Additionally Inco is supplying stainless steel tubing for approximately 2,500 light poles throughout the exposition area.

Solid support for the Expo 67 promotion campaign is being given by Inco through its extensive publicity programs in Canada, the United States and Europe.

### 163 Radio Stations Involved

In Canada the Expo story is featured weekly on all 55 stations

carrying Inco's sponsored radio broadcasts, and also in Inco advertising in leading magazines, periodicals and newspapers. Similarly in the United States the Company is promoting Expo in weekly commercials over a radio network of 48 stations, and is also featuring the big exposition, and Canada in general, in its trade show exhibits and national advertising. In Europe it is running special advertisements on Expo in 26 business publications in seven

languages.

A full-color documentary motion picture showing step-by-step production of the Alexander Calder stainless steel stable is being made by Inco.

The various Company periodicals and magazines have also swung behind the Expo promotion campaign. Inco Magazine carried an eight-page story in its Fall edition, and has another spread in the works for its upcoming Spring number.

## Centennial Beards Sprouting at Port Colborne



At Port Colborne refinery these days many a normally clean-shaven countenance is gradually disappearing behind a bush as the boys compete in the whiskerino contest sponsored by the city's Centennial Committee. By the time July 1 rolls around there'll be a fine sprinkling through the plant of prophets, sorcerers, Zen worshippers, high priests of Black Magic, and House of David ball players, not to mention Fathers of Confederation. In the lineup above, foliage well sprouted and growing like crabgrass, are Gerry Juneau of the anode department, Steve Zudel of electrolytic, Fred Fox of the ironworkers, John Bernard of electrical, and Joe Rossi of yard and shipping.



Surrounded by their fellow knights of the brush, retiring painters Waddy Pilon (front) and Ed Levesque proudly display the electric shoe-shine kits that they received at their send-off in the Copper Cliff smelter paint shop. On hand to convey the Company's best wishes for the future, and to present the popular pair with their retirement gifts, were mechanical department fitter foreman George McRae (second from left, centre row) and paint shop leader Harry Costello (right, centre row).



## Joe Blais

Continued from Page 12

is Mrs. Sam Johnson and lives in Dowling. Simone is nursing in California, Jean Paul is a driller at Levack. Madeleine is married to Iron Ore Plant assayer Mike Malkoski, and Roy lives in Toronto.

Joe has no reason or desire to return to his home town. His mother, now 84, and nine of his 10 brothers and sisters live in Sudbury. "I have three brothers still working for Inco," said Joe proudly. "Herb is in Thompson, Harold is a brakeman at Copper Cliff, and Eric is a tapper in the reverber building. I was the first to start so I guess it's only fair that I should be the first to retire."

### SHORTCAKE—TOO SHORT

Waiter: "Here's your shortcake, sir."

Diner: "You call that a shortcake? Take it out and berry it."

## Walter Pilon

Weighing in at an agile 101 pounds, dapper Waddy Pilon's wiry stature has been a distinct asset during his 24 years as a painter with the mechanical department at Copper Cliff. It was no trick for him to wield his brush in those frustrating, hard-to-get-at places that never fail to crop up during a paint job.

Born in Sudbury, Waddy started his working life as a clerk in a grocery store. Two years later he joined the CNR in the freight office, then in 1921 crossed the border to the U.S. to work as a swimming instructor and lifeguard at the Detroit Yacht Club. Five years later he took charge of the Cadillac Athletic Club gym and kept things humming there until 1928. The following year he became a crew member of a private yacht, but after three years on the Great Lakes returned to Sudbury as an independent painter. He joined Inco in 1941 to work for painter boss Walter Bradley.

A single man, Waddy explained, "I was too busy travelling to settle down, but now I've done all the wandering I'm going to do. I've seen enough of the big cities. I'm going to settle right here and concentrate on the finest sport of them all — hunting and fishing."

## Ed Levesque

A young man to be stepping into the ranks of the retired, painter Ed Levesque has left the Company on disability pension due to a lung condition that started with a bout of pneumonia while he was in the service in World War II.



Mrs. Levesque

Ed was born in Sudbury in 1920 and raised in Coniston. Leaving school, he took up the paint brush to work for a local contractor, and painted until 1939 when he joined Inco's electrical depart-

ment and the line gang. His army service filled the years between 1941 and 1945, after which he returned to Inco as a tuyere puncher in the converter building.

Ed left the Company in 1947 to work as a painter for the Dominion Bridge Company in Montreal. Fate brought him back to the Sudbury area in 1950 to paint the steelwork for the Creighton mill. Deciding to marry and settle down, he rejoined Inco in 1951 and worked as a crane operator at the Copper Cliff smelter until 1954 when he transferred to the mechanical department and the paint shop.

The young lady whom Ed married in 1951 was Lillian Lavoye, a Sudbury girl. Their family of three are, Linda, 14, Keith, 10, and Brian, 3.

Not one to sit back and do nothing for very long, Ed plans to find a light job to keep him busy, and will continue to meet the paint shop boys while pursuing his favorite pastime of bowling and curling.

### THE LEAST SHE COULD DO

Among a young girl's many admirers was an extremely fat man. Even though he didn't have a chance he persisted in his attentions. One evening he proposed to the girl of his dreams, as she sat on the living room sofa. He became so wrought up that he dropped to his knees and pleaded for a "yes" to his proposal of marriage.

When she made it crystal clear that she was among those who didn't love a fat man he sighed heavily and dropped his head sorrowfully.

"Well, at least," he said, holding his hand out to her, "help me get up again."

### SHE'S GOT EVERYTHING

Young man to spinster: "You look so cheerful and happy. I always thought unmarried women were sour and grouchy all the time. Why are you so different?"

Spinster: "Well, I have a fireplace that smokes, a dog that barks, a parrot that swears and a cat that stays out all night. What do I need with a man?"



DOLPH SEGUIN BECOMES A WOOD SCULPTOR AT 78

## Old-Fashioned Whittling Can Be Art

"Just whittlin'", that ancient and honorable pastime, has become a pleasantly rewarding hobby for Dolph Seguin, Port Colborne pensioner. He turns it into an art.

Still blessed with a sharp eye and a steady hand despite his 78 years, and almost completely recovered from a stroke that paralyzed his left side, this delightful old-timer with the twinkling smile and gentle manner has become a wood sculptor in the best French Canadian tradition.

He's shown above with his latest masterpiece, a perfect reproduction of a farm wagon drawn by a sturdy team of horses and driven by a prosperous-looking son of the soil.

An ordinary jackknife, the blade worn down by half a century of honings, is Dolph's chief sculpting tool, with some assistance from a chisel and a coping saw.

The horses and man were whittled out of cedar blocks, the wagon from spruce. The horses have rubber shoes, and their manes and tails are cow hair. The harness buckles and wagon rims and fittings were fashioned from bits

of an old aluminum aerial. The only thing he bought was a bit of paint.

Working leisurely when the spirit moved him, Dolph took about 100 hours to complete the model. It made such a tremendous hit with his grandchildren that he has started another, a horse-drawn lumber camp sleigh complete with a load of logs.

"I'm sort of a jack-of-all-trades," Dolph said modestly. His cosy, beautifully paneled home at 260 Chippawa Road he built entirely himself, working evenings and week-ends, even to laying the bricks and installing the plumbing and heating.

An ironworker at Inco's nickel refinery, he retired on pension in 1958. He and his wife celebrated their golden wedding anniversary in 1961. They have 15 sons and daughters.

Although he smilingly agrees it would be a popular project, Dolph thinks maybe it's a little late in the day to start whittling a model for each of his grandchildren — he has 50 of them, plus 12 great grandchildren to date!





GUS MACORETTO

THE STARS, MEMBERS OF THE STAGE COMPANY, ORCHESTRA, AND PRODUCTION AND BUSINESS STAFFS OF PORT COLBORNE OPERATIC SOCIETY'S CENTENNIAL YEAR SUCCESS, "FINIAN'S RAINBOW", AT INCO RECREATION CLUB.

## Double Celebration for Brilliant Port Colborne Operatic Society

Port Colborne Operatic Society celebrated its 21st birthday as well as Canada's Centennial with one of the most ambitious undertakings of its hit-studded history, the production of *Finian's Rainbow*.

A solid week's sell-out at the Inco Recreation Club, the delightful Broadway smash with the Irish overtones provided wonderful scope for the Port Colborne group's wealth of talent.

A special Centennial feature in conjunction with the show was the display of a grand piano used by the great Flo Ziegfeld of *Pollies* fame when he lived in Humberstone Township as a young boy. Entrusted to the Operatic Society by Mrs. Rita Armstrong, the 100-year-old piano was completely reconditioned under the direction of Gordon Poehlman, and was exhibited in a typical sitting room setting of a century ago.

### Directed by "Dot" Blakely

Choreographer of the Operatic Society for the past seven years, Mrs. Lawrence "Dot" Blakely this time took on the additional duties of director, and earned unstinted praise for her work. She received invaluable support from Robert Wood as musical director, Wilfred Alvin as production coordinator, and Mrs. A. E. "Dot" Fort, director of many of the Society's greatest triumphs, as production advisor.

Starring Ken Prosser as Finian McLonergan, Marilyn McDougall as his lovely and spirited daughter Sharon, Tom White as Woody Mahoney, and Tony Mancuso as the leprechaun Og, the Society rounded out its brilliant production of *Finian's Rainbow* with a company of over 60. They captured and revelled in the spirit of this lovable Irish fantasy in which Finian McLonergan of Glocca Morra steals a leprechaun's crock of gold and brings it across the

ocean to plant it in the "magical" soil near Port Knox, where he is convinced it will grow and multiply into millions to make all his daughter's dreams come true. The dreams come true, all right, but not without some dire shenanigans on the part of the leprechaun that put poor Finian's head in a whirl.

The familiar haunting melody, "How are things in Glocca Morra", and two big Irish dance scenes, "If This Isn't Love" and "When the Idle Poor Become the Idle Rich" were among the many memorable highlights of the production.

### Excellent Orchestral Support

The Society's orchestra, which was organized for this show last September, provided an eminently satisfying musical background in support of the terrific choral ensembles. Musical director Bob Wood paid special tribute to the two piano accompanists, Mrs. Gladys Neal and Miss Marie Graves, who helped prepare the chorus, and also to Miss Carol Pretz.

Many Inco people were members of the stage company or worked "behind the scenes" on the production and business staffs. Inco's Larry Roach is this year's president of the Society.

*Finian's Rainbow* takes its place in a distinguished list of productions with which Port Colborne Operatic Society has charmed thousands of Niagara Peninsula music lovers during its proud 21-year history: 1946 — "H.M.S. Pinafore", 1947 — "Pirates of Penzance", 1948 — "Mikado", 1949 — "The Gondoliers", 1950 — "Iolanthe", 1951 — "H.M.S. Pinafore", 1952 — "The Forest Prince", "Trial by Jury", 1953 — "The Red Mill", 1955 — "Down in the Valley", 1956 — "Babes in Toyland", 1957 — "The Desert Song", 1958 — "Annie Get Your Gun", 1959 — "Oklahoma!",

1960 — "The King and I", 1961 — "South Pacific", 1962 — "Guys and Dolls", 1963 — "The Music Man", 1964 — "Carnival", 1965 — "Sound of Music", 1966 — "My Fair Lady", 1967 — "Finian's Rainbow".

### Minor Hockey Day Celebrated at Levack

Minor Hockey Day, January 28, turned into a full week-end of activity at Levack arena with the town turning out in full force to applaud and encourage its thriving minor hockey league.

There was a parade led by piper James Ferrans, free skidoo rides for the kiddies, an old-timers game between Levack and Onaping, and practically continuous performances in which all the minor hockey players got a chance to strut their stuff.

Mayor J. Coady, mine superin-



Arena chairman Ron Brown addresses the Minor Hockey Day audience at the arena. On his right is program chairman John Mallek.

tendent D. Lennie, arena chairman Ron Brown, and minor hockey league chairman Dan Cuomo gave short addresses at the official ceremonies in the arena.

### Caverson Quartet Tops Refinery Spiel

Skip "Nanny" Caverson wears that happy grin of victory as he poses with his team of vice-skip Fred Coffin, Ron Renaud, and Roger Champagne, winners of the first event in the annual Copper Refinery bantspiel. With 27 teams the spiel was the biggest yet. Drawmasters were Larry Martel and Howard Caldwell, and food and refreshments were organized by Bud Eles.

Classy beer steins were presented to "Nanny" and his rink. Second event honors went to skip Harold Koivula, George Trimmer, Norm Dever and Louis Gazdic, while the third event laurels were won by skip Fred Cooper, Norm St. Amond, Graham Dick and Harold Racine.



## Stanley Stadium

(Continued from Page 7)

The stadium is operated by the Inco General Athletic Committee under the able chairmanship of Norman Pearce, and has been under the energetic management of Pat Heaphy since 1954. Pat's staff consists of three well-known Company pensioners, Dennis Pappin, Bill O'Brien, and Billy Bryant, and Sabino Dagostino.

There are two well-attended general skating periods on Friday evenings and Saturday afternoons, with a charge of 25¢ for youngsters and 50¢ for adults.

Any Sunday from 9 a.m. to 5 p.m., and on three evenings of the week, the members of the Copper Cliff Skating Club can be seen practicing their tricky figures, spins, and jumps under the watchful eyes of their pro, Nelson Bellmore, a gold medalist. Figure skating got its start in the Nickel Belt at Stanley Stadium's brilliant carnivals 30 years ago.

The stadium is home ice to the Copper Cliff High School Braves, six times all Ontario high school champions, who never fail to draw a wildly enthusiastic crowd for a Saturday night game. Copper Cliff Athletic Association's hockey house league keeps the ice swarming on Saturday mornings with bantams, minor bantams, pee-wees and squirts. Many of the Sudbury district secondary and public schools practice and play hockey at the stadium as well as the Sudbury Metro hockey league, the New Sudbury Midgets, the smelter district league and many others. The Toronto Maple Leafs used the stadium for one week of training camp in 1956, and the Canadian Legion held their Dominion Command bonspiel there in 1958.

### Will Repeat Hockey School

Last year's very successful two-week hockey school conducted by Al Arbour, held during the off season in August, attracted some 100 boys ranging in age from 7 to 16. Hockey greats of the big time will be returning this summer to pass on their professional tips in a similar two-week session for which a large enrolment is already certain.

Stanley Stadium's brine cooling and circulating plant and heating system also service its neighbor, the Copper Cliff Curling Club. Differing brine temperature requirements for skating and curling ice, and wear and tear on the original equipment necessitated the installation of new shell and tube brine coolers in 1961. A salvaged locomotive boiler, installed when the stadium was constructed, served well until additional heating requirements resulted in the purchase of an automatic oil-fired unit in 1960. The fans were very grateful for the stand heaters that were also added at that time.

### Pat Is An Inventor Too

Another piece of equipment that plays a very important part in the operation of the stadium is the ice resurfacing machine. In 1963 the need for such a machine, smaller than was available on the market, prompted versatile manager Pat Heaphy to produce a design using the motor and chassis of a standard Jeep. Constructed in Sudbury under Pat's supervision, the unique machine planes, scrapes and floods the ice surface in eight

## Versatile ScoopTram Winning Broad Role In Inco Mining



Swiftly establishing a reputation as a muck-moving marvel when it was put to work last fall in a cut-and-fill stope at Frood mine, the amazingly versatile ScoopTram has since demonstrated its effectiveness in drawpoint loading and also in drift development at Creighton mine, producing results impressively better than conventional extraction methods. Picture shows a ScoopTram nosing into the bottom of a boxhole on 18 level at Creighton, in the block caving area where eventually one machine will draw the ore from a dozen or even more boxholes. The ScoopTram is also being used to remove broken ore in sub-level access drift headings despite a 20% grade. It will enable the mining of a block of ore, isolated by a caved ore pass system, which could not be extracted with slushers.



Here the ScoopTram, operated by Nick Lidow, moves smartly over to the ore pass to dump its 6½-ton bucket of ore, in a minute or so will be back at the boxhole for another load. The mines department is losing no time in extending the use of this powerful but agile machine to all Inco underground operations where it can be given enough to do. One is now at work in cut-and-fill mining at Levack, another in drawpoint loading and sub-level development in blasthole mining at Stobie, still another has just been delivered to the North mine for drawpoint loading from shrinkage stopes as well as in development work. This type of machine will undoubtedly play a big part in future mining at Inco.

minutes, compared to a time-wasting 30 minutes by the old hand-scraper method.

No stadium would be complete without a lunch bar to provide those welcome between-periods coffee, hot dogs and chips for the ever-hungry hordes of youngsters and hockey fans. Cliff Wing of the Copper Cliff plate shop and his wife Edith are the popular and efficient concession operators, on hand all day Saturday and Sunday, and on three evenings during the week. A skate sharpening service

provided by Alan Duncan takes care of some 50 pairs of dull blades a week.

Stanley Stadium is still faithfully filling a very essential need after 32 years. Hundreds of skaters and hockey players can look back with affection to the day they donned their first pair of skates and struggled around the ice there. Many of them are now lacing skates on a second generation of youngsters, carrying on a long-standing relationship dedicated to community health and happiness.

### WELL, WHO'S RIGHT?

The little moppet upon going to bed always insisted that her bedroom door remain open. "Is it because you want to let the light in?" asked her mother.

"No," came the amazing response, "it's to let out the dark."

### A STICKY BUSINESS

An absent-minded fellow is Richard T. McPhee; This morn he kissed a waffle And poured syrup o'er his wife.