

# INCO TRIANGLE

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*Dick Brooks: almost 51 years with Inco*  
(See story on Page 13)



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## Abating Pollution "Critical Issue" Says President

While emphasizing that environmental control is "one of the most critical issues of our time," Albert P. Gagnebin, president of International Nickel, warned that unrealistic anti-pollution laws could stifle industrial activity and reduce production and employment.

Addressing the management plenary conference at the 98th annual general meeting of The Canadian Manufacturers' Association at Toronto, Mr. Gagnebin said, "The resources of private industry must be fully applied to the search for a solution to environmental management problems. A climate of government-industry cooperation must be created so that the commercial sector is not automatically the villain. It would be an egregious error, for instance, for well-intentioned legislators and government officials to overrespond to the challenge of pollution by imposing such narrow, impractical regulations that profitable operation of plants and mines could become an impossibility."

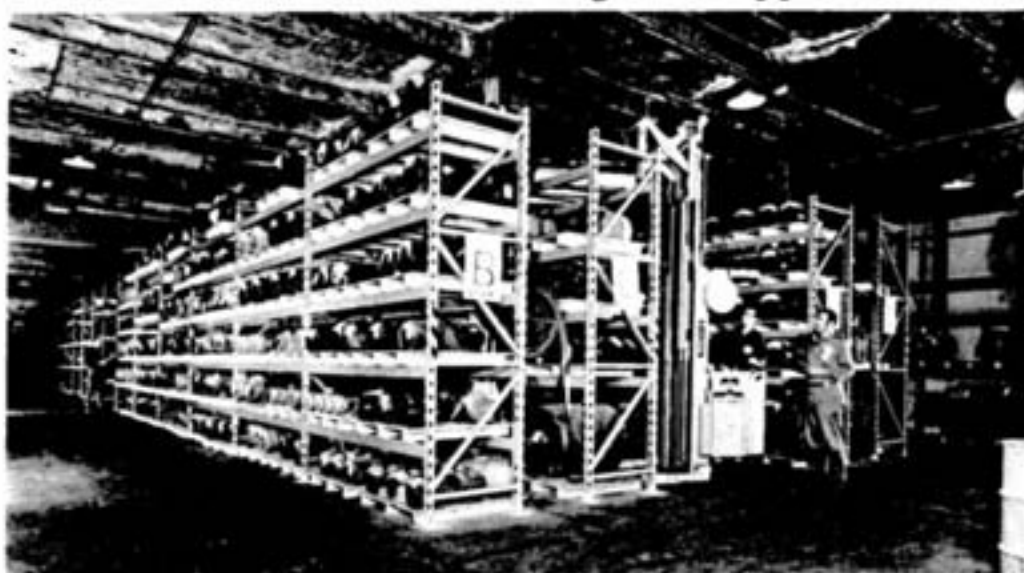
### "Crucial Challenge"

At the same time, Inco's president emphasized that management must respond to "the crucial challenge of pollution through the best use of science and technology, which in the long run are our best hope of solving this very real problem. This is an imperative which takes precedence over all else and which industry owes not only to itself, but to the public it serves."

Mr. Gagnebin went on to say, "We must find ways to reduce pollution, but we should not do so at the expense of technological progress and our industrial economy. I believe it is correct to say that the individual plant, and yes, even the individual automobile, operates more efficiently and thus emits less smoke and fumes today than 30 years ago; the problem is that there are so many more people today, and consequently so many more emitters of smoke and fumes." Air pollution arises from many sources, he pointed out, including, besides industry, "the private citizen who burns leaves in his backyard, who operates his furnace, or drives his automobile, and also from municipal bus systems and incinerators. Eliminating air pollution is a job for all."

The awareness by all sectors of society—government, educators,

## 1,000 Motors in Live Storage at Copper Cliff



It would require a mammoth stable to house all the horsepower shown in this picture—if it was still on the hoof. Located in the building that was formerly the Copper Cliff smelter sinter plant, the warehouse electric motor storage area normally contains some 250 new motors and close to 800 re-conditioned units, ranging from fractional to 125 horsepower. They are efficiently stored on pallets for convenience in handling and good housekeeping. Ranging in weight from 15

to 4,700 pounds, the motors are moved by a battery-operated fork truck with a capacity of 3,000 pounds, or by a portable hydraulic hand jack. Seen on the right at the controls of the truck is storeman Moe Correll, while stores supervisor Butch Zanetti checks the location of incoming stock. At the left, storeman helper Jim Mulligan locates a motor required for installation. This stock is standby for the more than 12,000 electric motors in daily use in the Company's operations in the Sudbury area.

thought leaders, businessmen—of the problem of pollution is a "giant step" toward eventual solution of the problem, Mr. Gagnebin said. For examples of industry involvement in safeguarding the environment, Mr. Gagnebin turned to International Nickel where, he said, environmental control is a matter high on the priority list.

### Inco's Current Program

Mr. Gagnebin outlined to conference delegates four key areas of current Company activity: treatment and recirculation procedures for water used in Inco's Sudbury district operations; dispersion of smoke and recovery of sulphur dioxide from the smelter; the stabilization of tailings (waste rock from milling operations), and a program to combat harmful noise at mines and plants.

Inco's experience has demonstrated that the best pollution control device is "a long hard look at one's methods of operation," Mr. Gagnebin reported. "You may find that even without the installation of new equipment significant improvements can be made to your waste flows with relatively minor revisions to your existing flow-sheets."

He said recirculation of process water used in the Company's operations in the Sudbury district has cut in half the amount of water consumed and discharged daily. "Indicative of the progress we have made in conserving water is the fact that, despite the great expansion in our operations in recent years, we are drawing today the same amount of water as we did in 1964," he said. Sampling procedures covering the entire Sudbury district watershed ensure that the treatment techniques are effective and that the ecology of

nearby lakes and streams is not being effected.

### New \$13 Million Chimney

Air pollution, he said, is a tougher problem. Recently, the Company announced plans to build a \$13 million, 1,250-foot chimney, the tallest in the world, to serve its Copper Cliff smelter complex. Citing high stack installation experience in Europe and the U.S., Mr. Gagnebin explained that the new stack, by highly effective dispersion of smoke, will eliminate damaging concentrations of sulphur dioxide at ground level with the result that "the air will be cleaner than that of any other industrial community in Ontario."

Mr. Gagnebin emphasized that "the decision to erect the chimney grew from long studies of the problem, but it is a somewhat crude solution—the solution that is right for today's technology and economics. The fact of the matter is that at the present time it is impossible to capture all the sulphur dioxide (which is a dilute gas) without going bankrupt in the process—and that would mean that not only would no sulphur dioxide come out of the stack, but no nickel would come out of the mines and plants."

Mr. Gagnebin also traced the success of Inco's efforts to vegetate hundreds of acres of tailings to eliminate the dust storms that result from untreated tailings dumps. The process involves liming, fertilizing, and the correct ratios of various types of grass. It is the first time in the western hemisphere that vegetation has been successfully grown on such waste.

### Noise Another Target

Noise pollution is another area currently engaging the Company's attention, Mr. Gagnebin reported.

An anti-noise program is underway in the Company's operations, including reducing noise at the source; erecting noise abatement barriers; protective hearing equipment for employees in designated areas; and an educational program as well as medical examinations and remedial treatment involving 10,000 employees annually.

## 50 Years Married

Now residing in Orillia, Ontario, Mr. and Mrs. Toivo Kauppinen attained their golden wedding anniversary on May 14.

An Inco pensioner since 1956, Mr. Kauppinen was employed at Levack mine in 1915 and was chief electrician



at the time of his retirement. His wife, the former Selma Norrena, was also a pioneer resident of Levack, where her father helped sink No. 1 shaft for the Mond Nickel Company in 1913.

Their son Ed is a zone planner in the maintenance department at Levack. Another son, Howard, lives in Orillia. They have five grandchildren.

# INCO FAMILY ALBUM



Shakespeare's Romeo had to be satisfied with one Juliet, but Port Colborne's Roméo Frenette and his 11-year-old son Donald are surrounded by six. They are Muriel, 17, Suzanne, 4, Roméo's wife Viola, Diane, 2, Joanne, 16, and Linda, 13.

Roméo has been with the Port Colborne refinery since 1947 and is now a boxman in the ENR department. Although he enjoys gardening and general work around the house, he gets the most pleasure out of reading and just being with his family.



Representing Copper Cliff in this month's album are smelter process engineer Albert Magee and his wife Joyce and family. Both parents came from Northern Ireland's capital city of Belfast, he in 1953 to join Inco's mines engineering department, she in 1955 to become his bride. Their brood are Brendan, 9, Alanna, 5, and Moira, 7. Summer relaxation for the family includes sailing on Ramsey Lake in their gaff-rigged sloop.



Don Chabot switched from the sedate life of a Sudbury bank clerk to the hustle and bustle of the Copper Cliff reverb building in 1957. He moved over to the iron ore plant in 1960, and was recently transferred to the pellet plant as a technologist. With Don and his wife Helen in the picture are Douglas, 13, Wayne, 16, Stephen, 11, Vaughn, 14, Donald Jr., 9, and Leann, 7. The Chabots have lived in Coniston since 1962. Don is a native of the town, Helen grew up in Creighton.

This is the family of Frood maintenance department plater Ken Landry and his wife Cecile. After he joined Inco at Copper Cliff smelter in 1951, Ken worked at Stobie, Levack, Creighton, Garson and Clarabelle open pit, and finally settled for Frood in 1968. An active bowler and horseshoe pitcher, Ken hails from Larchwood, Cecile from Bigwood. Their young family are Gilles, 6, Jocelyne, 9, Richard, 7, and Marc, 14 months.



The Album says a hearty hello this month to Thompson mine driller Peter Pinola, his wife Salme, and their family of Salja, 15, Ari, 12, Satu, 4, and Sonja, 2. Peter and his wife and their two oldest children were born in Finland, and came to Canada 11 years ago. They have lived in Thompson for four years. Cross-country skiing, gardening and fishing are Peter's favourite recreations.



Emery Leblanc's service with Inco started in 1941 at Copper Cliff, and he's currently a stope leader at Creighton No. 5 shaft where he has worked since 1949. Emery hails from La Pêche, on the Ottawa River near Pembroke; his wife Rae came from Fort Coulonge just across the river in Quebec. Their good-looking family are Jackie, Diane, 14, Roger, 16, Richard, 11, and Margaret, 18. A real "together" family, the Leblancs enjoy making regular visits to the farms of the Ottawa Valley grandparents.

## — : APPOINTMENTS : —

## ONTARIO DIVISION

L. S. Renzoni, vice-president, process research, announced the following appointments, effective May 1:

**B. J. Brandt**, assistant superintendent of research stations, Port Colborne;

**V. Opratko**, engineer, assigned full time to the IPC project.

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G. O. Machum, assistant general manager (processing) announced the following appointments effective May 1:

**J. E. Wharton**, superintendent utilities — mills and smelters;

**J. G. Cullain**, superintendent utilities — iron ore plant.

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**W. A. McCadden**, comptroller, announced the appointment in the copper refinery accounting department of **J. Harrison**, assistant to the division comptroller.

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G. R. Green, assistant general manager (mining), announced the following appointments effective May 1:

**G. Strasser**, mine superintendent, Clarabelle open pits No. 1 and No. 2, and Copper Cliff North mine;

**W. Collis**, assistant mine superintendent, Frood mine;

**R. C. McDonald**, underground superintendent, Frood mine;

**P. H. Oliver**, assistant mine engineer, Creighton mine.

Mr. Green also announced the following appointments effective June 1:

**B. T. King**, area superintendent, Creighton mines;

**M. E. Jowsey**, area superintendent, Garson and Kirkwood mines;

**J. E. Flanagan**, assistant mine superintendent, Stobie mine;

**J. C. Taylor**, underground superintendent, Stobie mine;

**R. J. Hall**, senior assistant chief mines engineer;

**G. A. Silver**, assistant chief mines engineer (development and shafts);

**A. E. Johnstone**, assistant chief mines engineer (administration);

**W. M. Tuttle**, mines engineer (budgetary cost control);

**N. Treflak**, mine engineer, Frood mine.

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D. A. Fraser, assistant general manager (administration) announced the following appointments effective June 1:

**W. H. Digby**, supervisor, training and development;

**John C. Taylor**, supervisor, salaried recruiting and employment;

**Lloyd E. Harris**, supervisor, salary administration and organizational planning.

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## MANITOBA DIVISION

J. McCreedy, assistant vice-president and general manager, announced the appointment effective May 1 of

**G. A. Romanis**, assistant smelter superintendent.

## B. J. BRANDT

Born in Amsterdam, Holland, Ben Brandt attended the University of Amsterdam and came to Canada in 1948 to join International Nickel's metallurgical department at the Coniston smelter.



B. J. Brandt

He was transferred to the research department at Copper Cliff in 1950, and in 1964 to Thompson as superintendent of research.

He holds patents on several chemical processes.

His marriage to Mieke van Hoorn took place in Amsterdam in 1948.

Duplicate bridge is his favorite pastime.

## V. OPRATKO

Prior to joining International Nickel in the research department at Copper Cliff in 1964, Val Opratko was chief chemist at Rio Algom Mines, Elliot Lake, for seven years.

He was transferred to Port Colborne in 1967 to assist in the planning and equipping of No. 3 research station, and was assistant superintendent of research stations until his new appointment. He will co-ordinate the process technology and the design of the new IPC residue treatment plant at Copper Cliff.



V. Opratko

Born in Czechoslovakia, he came to Canada in 1949 to continue his studies at the University of Montreal, graduating the following year with the degree of B.Sc. in chemistry.

His wife, the former Jarka Plechikova whom he married in 1951, was also born in Czechoslovakia and, like her husband, came to Canada on an international student service scholarship. She graduated from the University of Toronto with a degree in modern languages. They have one son.

## J. E. WHARTON

A stationary engineer, born in Cochrane, Ontario, James Wharton came to International Nickel at Copper Cliff in 1940 and four years later joined the staff at No. 1 substation.



J. E. Wharton

Ten years ago, on the retirement of W. G. Beaver, he was appointed chief engineer.

He was married in 1941 to Ida Valier, who died in 1967 leaving him with two daughters.

His second marriage, to Mrs. Pearl Kivinen, took place in March of this year; she has one son.

One of his daughters, Beverly

(now Mrs. James Kelly), was an Inco scholarship winner and is now completing studies for her master's degree in chemistry at Queen's University, Kingston.

## J. G. CULLAIN

Following four years' service in the Canadian navy, in which he held the rank of stoker petty officer, Jerry Cullain studied power engineering at the post-war veterans training school at Toronto. He was born in Montreal.

After four years at Espanola with the KVP, and 13 years in Windsor with Ontario Hydro and Ford, he joined International Nickel in 1961 as powerhouse engineer at the iron ore plant, where he became senior powerhouse engineer in 1967.

His marriage to Patricia O'Connell took place in 1947, and he has three daughters.

He is a member of the board of directors of Sudbury General Hospital and president of the Copper Cliff Ski Club. Curling and golf are his other recreations.



J. G. Cullain

## J. HARRISON

One of the original staff at the copper refinery, Copper Cliff, which commenced operations in July, 1930, Joe Harrison arrived on the scene the previous May.

He became senior clerk in the accounting section in 1945, and chief accountant in 1966.

He was married at Sudbury in 1936 to Frances Dillon, and has two daughters and two grandsons.

His favorite recreations are golf and curling.



J. Harrison

## G. STRASSER

Gordon Strasser received his mining engineering training at the Halleybury School of Mines and the Colorado School of Mines at Golden, Colorado.

He was employed at both Kerr-Addison and Noranda before coming to International Nickel in 1949 at Frood mine. He moved to the engineering department at Creighton the same year, and became a shift boss in 1951.

He was mines production engineer at Copper Cliff for three years, then transferring in 1960 to Levack mine as a divisional foreman. The following year he became assistant superintendent at Murray, and in 1962 was transferred to Frood in the same capacity.

His marriage to Dorothy Moore took place at Toronto in 1949. He has three children.

Tenting holiday trips with his family, boating, woodworking and oil painting are among his diversions.

## W. COLLIS

After graduation in 1951 in mining engineering at the University of Toronto, William Collis came directly to Inco, starting in the engineering office at Creighton mine, where he remained for seven years.

He was a shift boss when he was transferred to Levack in 1958. He spent a year in the mines department at Copper Cliff as production engineer, returned to Levack as a divisional foreman, then was safety engineer there for two years.

He was transferred to Garson mine in 1964 as a general foreman, and one year later moved to Frood as underground superintendent.

His marriage to Bernice Clark, also of Barrie, took place at Toronto in 1946. He has two children.

He served overseas with the RCAP Bomber Command. At Levack and Garson he was active in community service work, including a term on Levack District High School board.

Curling, golf, and a summer camp at Long Lake are his recreations.



W. Collis

## R. C. McDONALD

A Westerner, Robert McDonald was born in Winnipeg. Upon graduation in mining engineering in 1951 from McGill University, Montreal, he joined International Nickel in the engineering office at Garson.

Transferring to Creighton efficiency department in 1953, he became a shift boss. After a year as production engineer at the mines offices at Copper Cliff he returned to Creighton as a divisional foreman. He was safety engineer at Frood, then general foreman at Creighton, and in 1967 became general foreman at Stobie.

He was married in 1952 at Port Erie to Alice Sumner, and has two sons.

A past secretary of the Sudbury branch of the CIMM, he is an enthusiastic skier and photography fan.



R. C. McDonald

## P. H. OLIVER

Before coming to Inco at Levack in 1960, Philip Oliver had worked in the Pembina oilfield and at a uranium mine near Uranium City.

A graduate in 1956 from Queen's University in mining engineering, he was born at Kirkland Lake. His father had been employed at Inco's Garson and Creighton mines in earlier days.

He was a shift boss when he was transferred from Levack to the Creighton engineering department in 1966.

He was married at Toronto in

P. H. Oliver

1961 to Marguerite Baker, and has two children. Curling is his favorite sport.

#### B. T. KING

Bruce King returns as area superintendent to Creighton mines, where he started his Inco career 30 years ago.



B. T. King

Born at Raymond, Alberta, he graduated in mining engineering from the University of Utah in 1937, and after brief employment at the Little Long Lac mine at Geraldton, started as a miner at Creighton in May of 1938. He became a general foreman in 1947.

Production had just commenced at Murray mine when he was transferred there as assistant superintendent in 1950. Late the following year he went to Froot in the same capacity, and remained there until 1954 when he became superintendent at Garson mine. He was appointed area superintendent of Garson, Kirkwood, and MacLennan mines in 1958.

He was married at Raymond in 1937 to Pauline Witbeck, and has two children and two grandchildren.

He is a member of the board of governors of Sudbury Memorial Hospital. For relaxation he enjoys golf, fishing, and his summer camp on Dry Pine Bay, French River.

#### M. E. JOWSEY

After receiving his preliminary education in Ottawa, his birthplace, Milton Jowsey served for five years in the RCAF, attaining the rank of squadron leader.



M. E. Jowsey

As commanding officer of a fighter squadron he was shot down over Germany, and escaped through the underground in occupied Holland. He was decorated with the DFC.

Enrolling at the University of Toronto he graduated with a degree in mining engineering in 1949, and that year came to International Nickel as an efficiency engineer at Creighton mine, transferring to underground as relieving shift boss in 1951.

From 1955 to 1958 he was divisional foreman at Murray mine, then returning to Creighton where he became a general foreman in 1963. He moved to Froot mine as underground superintendent in 1964, and became assistant superintendent at Stobie in January, 1966.

His marriage to Mary Elizabeth Honeyman of Montreal took place in 1944. He has five children.

Curling in winter and touring in summer are his recreations.

#### J. E. FLANAGAN

Born in Sudbury, Ted Flanagan graduated from McMaster University, Hamilton, in 1948 with a



J. E. Flanagan

degree in science. Joining International Nickel in the fall of 1948 he spent four years in the efficiency department at Garson mine, then two years in the mines office at Copper Cliff. He returned to Garson in 1954 as ventilation engineer, was successively shift boss, safety engineer and divisional foreman there.

He was transferred to Froot mine as safety engineer in 1963, became a general foreman the following year, and underground superintendent in 1965, transferring to Stobie in that capacity last year.

His marriage to Joyce Merrick took place in Sudbury in 1949. He has four children.

An outstanding golfer, he has been a member of several Inco championship teams. He has a summer camp on the French River.

#### J. C. TAYLOR

Minnedosa, Manitoba, was the birthplace of James Taylor, who came to International Nickel in 1947



J. C. Taylor

after four years in the Canadian navy aboard defensively equipped merchant ships.

He started his mining career as a shoveller at Creighton No. 5 shaft, was promoted to shift boss in 1951. He was transferred to Levack where he became a divisional foreman in 1960, then to Stobie as a general foreman in 1967.

He was married in Sudbury in 1956 to Betty Steffanson of Yorkton, Saskatchewan, and has two daughters.

Fishing, hunting, and curling are his relaxations.

#### R. J. HALL

Born in Montreal, Robert Hall received his education in Sudbury and in the faculty of engineering at the University of Toronto.



R. J. Hall

He joined International Nickel originally at Creighton in 1932, left to work in northern Ontario gold mines, returned to Inco at Froot mine in 1936. After experience in both operating and engineering departments he was shaft engineer during the sinking of Stobie

No. 7 shaft. After seven years at Froot mine as layout and then operating engineer, he was appointed mine engineer in 1950. In 1962 he was transferred to Copper Cliff as assistant to the chief mines engineer, and in 1965 became assistant chief mines engineer.

He has authored several technical papers on new mining methods developed at Inco.

His marriage to Dorothy LaBerge took place at Hamilton in

1942. One of his three children, Susan, is the wife of John Le May, an electrical engineer in the electric power department at Copper Cliff.

He served for several years on the Sudbury Public Library board.

A dedicated fisherman, he also enjoys curling, and recently has taken an active interest in the Sudbury Little Theatre Guild.

#### G. A. SILVER

Sutton, on Lake Simcoe, Ontario, was the birthplace of Arthur Silver, but he was brought up on a farm at Unity, Saskatchewan.



G. A. Silver

Graduating in 1934 in civil engineering from the University of Saskatchewan, where he was a member of the famed Saskatoon Quakers hockey club, he came to Inco that year to work at Froot mine and play hockey for the Froot Tigers. In

1937 he was transferred to Creighton mine, where he remained for the next 10 years, first in the efficiency and then the engineering department.

He moved over to the mines engineering department at Copper Cliff in 1947 as planning engineer, and in 1956 to Stobie as mine engineer. His transfer to Copper Cliff as assistant chief engineer of mines took place in 1965.

He was married in 1936 at Sudbury to Grace Hobbs, a fellow graduate of the University of Saskatchewan, and has four children and three grandchildren.

In both golf and curling he has consistently shown championship calibre over the years. On two or three occasions the final match for the men's championship at Idylwyde Golf Club was an all-Silver affair, with Art pitted against his brother Ron for the honors.

#### A. E. JOHNSTONE

Born in Weymouth, England, Andrew Johnstone received his preliminary education there and



A. E. Johnstone

his mining engineering degree from the University of Toronto in 1938. During his university vacations he was employed at Macassa gold mine, Kirkland Lake, the Darkwater mine on Sturgeon Bay, and International Nickel.

On graduation he joined Inco at Froot mine, first working underground and then after a few months moving to the engineering office. He was transferred to the mines department at Copper Cliff permanently in 1943, as assistant layout engineer. His appointment as assistant to the chief mines engineer was made in 1965, and in 1967 he was placed in charge of newly developing mines.

He was married at Toronto in 1939 to "Monty" Anderson of Kitchener.

He is in his second year as president of Idylwyde Golf and Country Club, Sudbury.

#### W. M. TUTTLE

Born in Amherst, N.S., Walter Tuttle spent four years in the RCAF before



W. M. Tuttle

enrolling in Mount Allison University at Sackville, N.B., from which he graduated with a bachelor of science degree. He then entered Nova Scotia Technical College at Halifax, from which he received the degree of bachelor of engineering in 1950.

Coming directly after graduation to International Nickel, he has obtained broad experience with the engineering departments at Creighton, Copper Cliff, Crean Hill and Froot mines. He was appointed mine engineer at Froot mine in January, 1968.

He was married in 1945 at Amherst to Eileen Pinley, and has two daughters.

#### N. TREFIK

Nick Trefiak was born at Gimli, Manitoba, but spent his boyhood on a farm near Wainwright, Alberta. He attended the University of Alberta at Edmonton, graduating in 1936 with the degree of B.Sc. in mining, and came to Inco to work underground at Froot mine.



N. Trefiak

Late in 1936 he was transferred to the engineering department at Creighton mine where he has since remained

with the exception of special assignments at Copper Cliff, Crean Hill, and Thompson, Manitoba. Lately he has been assigned to the engineering work on the new Creighton No. 9 shaft and its related development.

His marriage took place in 1938 to Betty Gorrie, member of a pioneer Sudbury family. He has five children.

Golf, curling, gardening and travel are his recreations.

#### W. H. DIGBY

Born in Copper Cliff, Wilf Digby was first employed by International Nickel during his high school vacations.

Following service in the navy in World War 2 he enrolled at the University of Toronto, where he graduated in forestry in 1950. He then became a timber consultant, and operated a lumber finishing business at Thessalon.



W. H. Digby

Joining Inco in 1955, he worked in the Froot and Creighton efficiency departments, became a shift boss underground, transferred to Levack as safety supervisor, and was appointed a divisional foreman in 1964.

He moved to Copper Cliff last year as co-ordinator of the supervisory training classes.

He was married in 1949 to Helen

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## Garson Bowling Leagues Top Off Another Big Season with Gala Night



With a sumptuous banquet and gala night at the Club Allegri, Coniston, the Garson Employees Club bowling leagues topped off another greatly enjoyed season. Tom Scanlon emceed the presentation of trophies and prizes in his usual breezy style.

On the left above are shown the playoff and consolation champs in

the mixed league: seated are the playoff victors, Harry Lynda (captain), his wife Dorothy, and Madeleine and Orville Cull; not present were Cec and Edna Ace; standing are the consolation winners, Glynn and Gail Clarke, David and Elva Henderson, and Stan and Stella Pylatuk.

On the right above, seated, are the



playoff champs in the men's league: Al Howard, Jack MacLellan, Arne Rollins (captain), Bob MacLellan, Lorie Dupuis, and (not present) Karl Pakkala; standing are the runners-up, John Leblanc, Larry Latendresse (captain), Gordie Cull, Vic Kreko, Gerry Hebert, and (not present) John Leblanc.

Winners in the Mitchell division of the men's loop were Jim Pettigrew (captain), Brian Pettigrew, Bill Choptian, Jim Pajunen, Gene Latendresse, and Danny Carroll; in the Pataran division it was Frank Burton (captain), Charlie Burton, John Chokan, Mike Presniak, Tauna Perola, and Bob Martin.



Three members of the team finishing in top spot in the regular schedule of the ladies' league are seated in the centre of the front row above, Eliza-

beth Lye, Priscilla Egan and Claire Jones; not present were Edith Matson (captain) and Patti Bondy; others in the picture were the playoff champs:



seated, Margo Hinds and Gladys Beange; standing, Rose Hume, Eileen Jackson, Jackie Morrow, Winnie Riehl. In the picture on the right are the

winners in the regular schedule of the mixed league: seated, Kay Cull, Simone Hughes, Shirley Cull; back, Joe Cull, John Hughes (capt.), Gord Cull.



Consolation winners in the ladies' league were, seated, Kay Cull and Claudette Labbee; standing, Margaret Ellis, Kay MacInnis, Aino Drozd, and Velma Blue.

### Conduct Hunter Safety Training Program



Thompson Game and Fish Association scores high in public relations by conducting a course each spring on safety while hunting and fishing. Picture shows one of the instructors, Inco senior chemist John Ashton, giving tips on rifles and ammunition to a pair of budding nimrods, Gerald Nault and Martin Ashton.

Almost \$10 billion will be spent in the next 10 years to build or modernize urban rapid transit systems. Already, New York, Phila-

delphia, Cleveland and Chicago are modernizing their systems with fast, lightweight cars of nickel stainless steel.

# Fathers & Sons—Can You Match 'em Up?

Here's a simple little contest to fill in that hour when you're supposed to be cutting the grass or bathing the dog. You don't have to send in a box top, and you don't have to worry about what you'll do with the money if you win, because there are no prizes. These are pictures of 13 father-and-son combinations at Inco, but the pictures are all mixed up. Can you straighten them out? Bet you can't even come close!



## NO FAIR PEEKING!

(1) Bernie Weber and (10) son Bill, Creighton mine; (3) Arthur Lye and (8) son Alan, Garson mine; (5) Matti Tuomi and (12) son Gary, Levock mine; (7) Louis Brega and (22) son Dante, Port Colborne; (9) Lorenzo Chezzi and (20) son Guido, Coniston; (11) Dick Dow, Copper Cliff, and (24) son Peter, Little Stobie mine; (13) Lea Pilon and (4) son Ray, Thompson; (15) Joe Armbruster and (6) son Harry, Iron Ore plant; (17) Dick Pearson, Clarabelle-Murray mines, and (26) son Jim, Copper Cliff; (19) George Kampman and (14) son Don, Murray mine; (21) Ted Lafleur and (16) son Carl, Frood mine; (23) Hugh Kennedy and (2) son Charles, Stobie mine; (25) Ernie Desjardins and (18) son Bob, copper refinery.

# Retired on Inco Pension

## NEAL RAE

"Forty years with a company is a long time," reflected Neal Rae, "but when I look back, the years slipped by very quickly."

Neal was born in Port Colborne in 1904. He worked in the engineering department on Welland canal construction for five years before coming to the Inco nickel refinery in 1928. He was a head shearer for 13 years, and a sub-foreman in the shearing section from December, 1956 to the time of his recent service retirement.

He was married in Port Colborne in 1927 to Ann Wood, who died in 1966. Their daughter and two grandchildren reside in Port Colborne.

Neil, who resides with his sister, Mrs. Helen Wilson, hasn't yet finalized his retirement plans. He plans a trip to the southern United States during which he'll leisurely contemplate his future.

## GEORGE KUCHER

An underground crusherman at Stobie for the last 10 years, George Kucher has retired on service pension after 33 years with Inco. He settled in Saskatchewan after com-



Mr. and Mrs. Kucher

ing to Canada from the Ukraine in 1928, and joined the Company at Frood in 1936.

His bride of 1925, Annie Ukraynec, joined him in Sudbury in 1937. Their family of one daughter and their three grandsons live in Ottawa. Hale and hearty at 65, George feels that he has many more working years left in him, but is happy to move over and make room for the younger generation.

## HENRY DUNN

An unlikely combination, barbering and boxing, led to the Inco career of Henry Dunn, who recently retired from his job as a steward at the Employees Club in Sudbury, where he has worked for the past 26 years.

Born in Bonfield, Ontario, Henry learned the barbering trade in Montreal, came to Sudbury and established a shop on Kathleen Street. Because of his experience in boxing promotion

Henry Dunn

ladder as a mucker at Frood mine in 1929, he was promoted to shift boss in 1933 and to general foreman in 1939. He was assistant superintendent of Garson mine from 1943 to 1950, then was transferred in the same capacity to Creighton mine. His appointment as superintendent of Copper Cliff North mine was made in March, 1967.

## Humorous Review of Archie Massey's Career



Assistant general manager (mining) G. R. Green provided a humorous commentary for a series of sketches by Creighton safety department artist Mae Riley, depicting highlights in the life of retiring area superintendent J. A. Massey. Seated are Mrs. J. A. Pigott, Mrs. Massey, J. A. Massey, Mrs. Young and general superintendent of mines M. E. Young.

he was added to the Employees Club staff in 1943.

A widower since 1962, Henry was married to Margaret Thiffault in 1932. He has two sons.

A very ardent follower of all sports, and current president of the Frood-Stobie horseshoe club, Henry plans to live in Sudbury but will travel around. "They'll see me down at the Woodbine and Greenwood tracks this summer," said he with a happy grin.

## ART PRINCE

The man whose name is synonymous with electrical power at Inco's Sudbury district operations, electrical superintendent Arthur Prince has retired on service pension after more than 40 years with the Company.



Mrs. Prince

Art, as he's known to his many friends and associates, was born in Southampton, England, and was two when his family left for Canada and Barrie in 1906. He grew up and completed his education in Toronto, and started with Inco at Frood in 1928. "My initiation was the installation of the No. 3 shaft main hoist," Art recalled, "and it's still going strong." A move to the Copper Cliff electrical department followed in 1929 at the time of the construction of the mill and smelter. He was promoted to shop foreman in 1940, became assistant to electrical superintendent W. E. Gillespie in 1941, assistant superintendent in 1951, and superintendent when W. H. Soule retired in 1955.

Frances Ballantine became his wife at Barrie in 1924, and they have a family of six, with 20 grandchildren, living in Chicago, St. Catharines, Toronto, and Sudbury. Son Bill is mine accountant at Frood.

Long-time residents of Copper

Cliff, Art and his wife have moved to a smart new home they've been building at Long Lake for the last two years. It can be assumed that the house circuitry is second to none, Art having installed all the wiring personally.

## J. A. MASSEY

Forty busy years with International Nickel lay behind Archie Massey when he retired on special early service pension recently.

He had been area superintendent of the developing Copper Cliff North and Copper Cliff South mines since July of 1968.

Starting at the bottom of the

A large representation of the friendships he made in all ranks during his 17 years at Creighton was included in the capacity crowd attending the retirement dinner in his honor at the Italian Club, Copper Cliff.

Speakers praised his broad contribution to the development of more efficient mining methods, and his deep personal commitment to the cause of safety. He was presented with a tape recorder.

Born at Ripon, Quebec, Archie Massey moved with his family to Sturgeon Falls when he was five years old. He attended Sacred Heart College, Sudbury.

Married in 1938 to Eileen Pallett of Winnipeg, he has a family of five, including an adopted daughter, and one grandchild. His son Allan is a member of the efficiency department at Murray mine, and his daughter Marjorie is on the data processing department staff at Copper Cliff.

For nine years up to 1961 Mr. and Mrs. Massey operated the Pine Cove Lodge, a leading holiday resort on the French River. They reside in an attractive new home on Grant Lake, near the east end of Long Lake, Sudbury, where Archie will always have some project or other underway when he isn't playing bridge or golf.

## PIETER BREGMAN

A member of the accounting department at Copper Cliff for all of his nearly 41 years with Inco, Pieter Bregman has retired on service pension from his job as chief accountant of the property and insurance section.

Born in Alkmaar, Holland, Pieter

## Presentation to Art Prince at Stag Party



Comfortably reclining on one of the pieces of lawn furniture presented to him by his many friends and associates, retiring electrical superintendent Art Prince poses with some of the 150 well-wishers who attended a dinner in his honor held at the Caswell Hotel. With him in the picture are electrical department pensioner Barney Hamilton (seated), chief electrical/mechanical engineer Joe Steel, superintendent of electrical power Clayton Robertson, Ontario division general manager J. A. Pigott, and maintenance technical assistant Jim Kuzniar.

came to Canada in 1910 when his family settled in Preston, Ontario. He started his working life as a bank teller there, was transferred to the Copper Cliff branch in 1926, and became an Incolite in 1928.

His introduction to properties came in 1932 when he became understudy to Charles Dorian in taking care of the inventory records. He was appointed chief accountant in 1966.

Pieter's marriage to Moffitt Ade took place in Copper Cliff in 1931. Their son, Pieter Jr., is a process technician at Copper Cliff. Pieter and his wife will be moving to Toronto to enjoy his retirement years, and hope that their friends who visit the big city will drop in for a chat at their comfortable apartment at the corner of York Mills Road and Leslie Street.

#### ALBERT BEACH

Construction supervisor of the electrical-mechanical department at the Frood-Stobie mill for the last two of his 39 years with Inco.

Albert Beach has retired on service pension and ended an association with the Company that started in 1930 with a similar mammoth plant construction project, the building of the smelter and mill at Copper Cliff.

Albert was born in Port William, learned the electrical trade there and in Toronto, and two years after joining the Nickel Company, moved over to Creighton as assistant chief electrician. From 1943 to 1958 he was chief electrician at Murray, became assistant chief at Stobie, and in 1959 was promoted to chief electrician for Frood-Stobie.

He chose Rose Charlebois to be his bride in 1930 and they have a family of two, with four grandchildren. Daughter Jeannine is

the wife of Creighton shift boss Bob Zadow.

A stag party to mark Albert's departure was attended by almost 250 of the pensioner's friends and colleagues who presented him with two portable units, a TV set and a 300-watt generator to power it while he's relaxing at his Penage Lake camp where Albert lives pioneer style without the necessary hydro. He also received a long range transistor radio, and Mrs. Beach greatly appreciated the red roses that were delivered to her at home.

#### RAY CASSELMAN

It was a recommendation from a brother already working for Inco that brought Ray Casselman from his home town of Berwick, near Ottawa, to apply for a job at Levack in 1940. Retired now on disability pension after 28 years with the Company, Ray served with the Canadian Army in Europe as a lieutenant with the Stormont, Dundas and Glengarry Highlanders. He returned to Creighton mine in 1946, and has been a blaster boss since 1951. His marriage to Alada Mulvenna took place in Finch in 1942, and they brought up a family of two. Mrs. Casselman died in 1962.



R. Casselman

Highlanders. He returned to Creighton mine in 1946, and has been a blaster boss since 1951. His marriage to Alada Mulvenna took place in Finch in 1942, and they brought up a family of two. Mrs. Casselman died in 1962.

#### LUDOVIC BOUCHARD

A pair of heart attacks in quick succession were the reason for Ludovic Bouchard's retirement on disability pension. A crusherman at the Copper Cliff smelter, he worked for the Company for 21 years.

A native of Montreal, Ludovic joined Inco for the first time at Levack in 1941, moved over to Creighton and then to the Copper Cliff mill, and then left for the northern goldfields in 1945. He

#### Pieter Bregman Honored After Long Service



Trying out the desk and chair was presented to him by 160 who attended a farewell dinner in his honor, retiring Copper Cliff property department chief accountant Pieter Bregman beams his pleasure. Shown with him are his wife Moffitt, Don Fraser, Ontario division assistant general manager (administration) Clarence Beach, assistant comptroller, Toronto, and division comptroller George Burns.

disability pension. He was four years old when he left Austria for



Mr. and Mrs. Bouchard

returned to the smelter in 1946. A late starter in the matrimonial game, he was married to Anna Anderl in Sudbury in 1956.

#### JACK McKENNA

A farewell party, a portable television set, and the best wishes of over 100 of his friends and associates marked the end of the 38-year partnership between Jack McKenna and Inco's Copper Cliff smelter.

A nickel converter shift boss since 1955, and safety school in-



Mr. and Mrs. McKenna

structor since 1967, Jack has retired on early service pension.

Born in Milltown, County Kerry, Ireland, he came to Canada and the Company in 1930, and was married to Elizabeth Snyder from MacNutt, Saskatchewan in 1950.

Now with a license to roam, Jack plans to trip around Canada, and visit brothers and sisters in the Emerald Isle whom he hasn't seen in 20 years.

#### NICK SENIUK

A construction leader at Creighton for the last 19 of his 26 Inco years, Nick Seniuk has retired on



Mr. and Mrs. Seniuk

Canada with his parents in 1913, and grew up in Wakaw, Saskatchewan. He came east to join the Company in 1941 at Levack, and worked there for two years before a transfer to Frood. He left Frood for Creighton in 1947.

Nick acquired a family of two when he married Mrs. Isabel Anderson in Timmins in 1946. Nick and his wife are turning their eyes to Southern Ontario for a place to relax in retirement.

#### HAROLD HARTRY

It was 25 years ago that Harold Hartry came east to Inco from his home town of Swift Current, Saskatchewan, and during the following years saw service at the



Mr. and Mrs. Hartry

Frood open pit and Frood mine: since 1953 he has worked as a maintenance mechanic at Creighton. Harold has retired on disability pension.

He and his bride of 1939, Dorothy McDougall, who died in 1958,

Continued on Page 13

#### Poetic Eulogy Special Gift for Albert Beach



Along with other gifts, Frood-Stobie pensioner Albert Beach (second from right) was presented with a framed eulogy covering the highlights of his 39-year career with Inco's electrical department. Seen with Albert, second from right, following a dinner at the Italian Club, are area superintendent for Frood-Stobie and Little Stobie mines, Sid Sheehan, chief electrical-mechanical engineer Joe Steele, post and Stobie electrical-mechanical area foreman George Carley, and general superintendent of mines, Ontario division, Mel Young.

# FIELD ENGINEERS FILL VARIED ROLE

And in the beginning there is the rod, the transit, and the survey.

Wherever man pushes back the frontiers to launch a new construction development, there invariably appears the instrument on its sturdy tripod, and the engineer with notebook in hand and eye to the lens.

The mapping, the probing, the estimating and inspection go on, year after year, and at Inco's properties in the Sudbury area — and sometimes beyond — this work is done by the Copper Cliff engineering department's field office personnel.

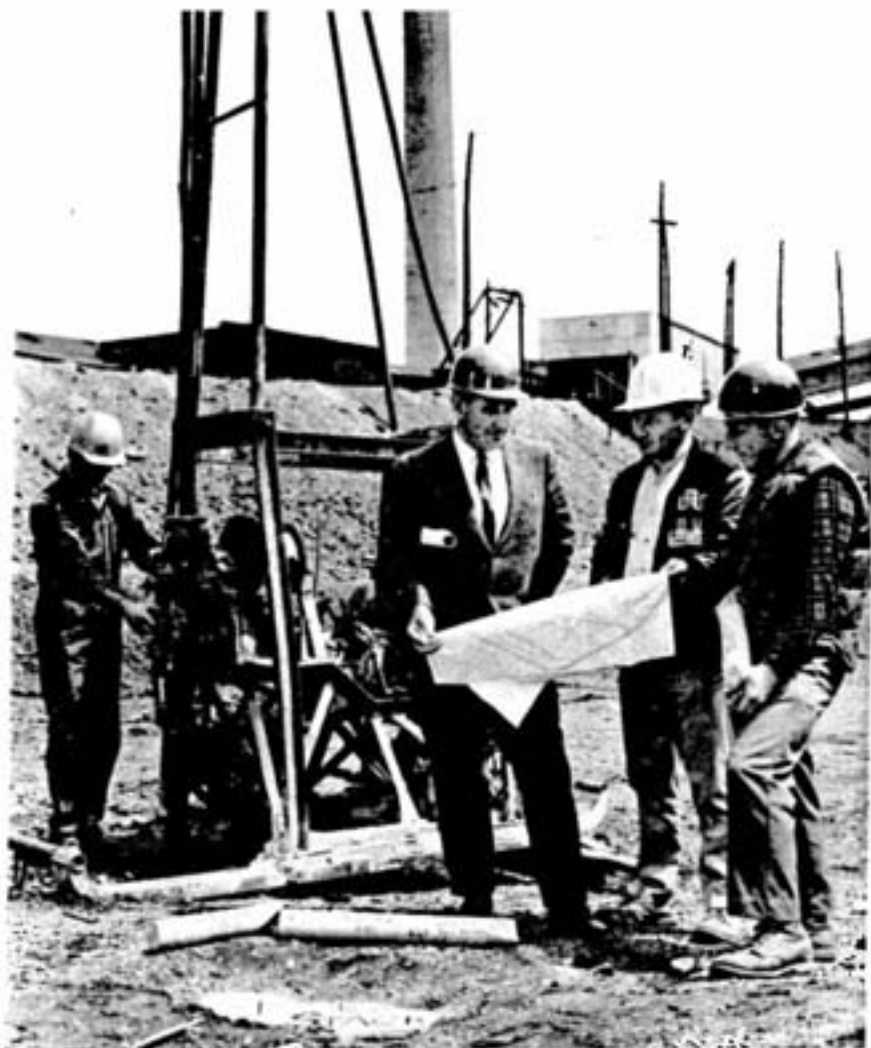
Chief field engineer Jack Neil has a staff of 35 who work through the best and worst weather conditions that summer and winter can bring, and call on various means of locomotion in the course of their duties, including cars, aircraft, snowmobiles, trains, snowshoes, boats, skis, but most commonly two feet and a rugged pair of boots.

Most of the field engineers' work is performed for the general engineering department, and as well as providing field information required for the extension of existing structures,

*(Continued on Page 12)*

## Use Diver on Dam Maintenance

There are not many places on a construction site where the eagle eye of the field inspector cannot reach, but here on the refacing of the Nairn Falls powerhouse dam, Sam Scott is content to accept diver Mike Malanuk's report on underwater conditions. They're conversing through the two-way hookup with the diver's helmet. Up on the scaffold rodman D'Arcy Laplante and the construction superintendent are locating a working line with respect to the drawings. There are about 30 water-retaining structures in the Company's 80-mile Spanish River power system that require regular maintenance.



## Site of World's Tallest Chimney

At the site of Inco's new 1,250-foot chimney at the Copper Cliff smelter, chief field engineer Jack Neil and instrumentman Charlie Jireada (right) are checking the progress of diamond drilling to determine the allowable bearing pressure of the bed rock that will support the new super stack. Between them is soils investigation technician Al Oucharek. Core samples were taken for a depth of 50 feet. The 500-foot concrete stack in the background is one of three that will be capped after completion of the new structure.



## Pipe Detective

Using the department's electronic pipe and cable locator, instrumentman Bert Jackson pinpoints a copper refinery water supply line, prior to excavation for a culvert on the road to the new engineering department building at Copper Cliff. An invaluable tool, the instrument eliminates the chance of unearthing services installed many years ago and not accurately recorded.



### Preparing for New Nickel Refinery

At the site of Inco's \$85 million IPC plant, neighboring the iron ore plant, instrumentman Henry Lanthier and rodmen Bill McGovern and Don Hinds are busy with rod and transit. The field engineers prepared the original contour plan of the area, conducted a drilling survey to determine overburden quantities and rock quality, selected dump sites for the half million cubic yards of material to be removed so that existing water courses would not be blocked, and are now plotting routes to the site for water, gas, steam, and oxygen lines, and a railway spur.



### Concrete Quality Control

The field engineering department is responsible for quality control of all concrete provided for the construction jobs which are constantly in progress at the Company's plants and mines. Conducting a spot check slump test and temperature check on a mix being delivered for pouring at the new Stobie No. 9 shaft headframe are instrumentman Bud Kolari and rodmen Tom Hambly and Ray Boucher. They will also take samples which will be subjected to compression tests.



### Levelling Base Plates of Hoist

Construction of new plants in Inco's great expansion program is keeping the field department's precise level steadily in use. Instrumentman Harry Wowk and rodman Bob Young are levelling the baseplates of the Coleman mine friction hoist to an accuracy of one thousandth part of an inch. On the left are electrical supervisor Harry Koski and mechanical supervisor Lloyd Johns.



### Checking Iron Ore Plant Construction

High in the sky on one of the upper floors of the roaster kiln building extension, part of the Company's current \$30,000,000 iron ore plant expansion program, rodman Keith Wynan and field inspector Al Leclair run a check on the size, spacing, wiring and clearances of reinforcing rods prior to the pouring of a concrete floor slab.

### This Is Home Base

There are 35 men in the field engineering section, but on a normal working day this is about as many as you'll ever see in the office—the rest are about their duties in the field. Shown are chief field engineer Jack Neil, field engineer Mel Sekerak discussing a Shebandowan site plan with draftsman Chris Augustine, office man Pierre MacDonald busy with credit statements, John Nieuwkamer at the light table, office manager Benny Falconi checking a new type of sub-surface investigation equipment, field inspector Sam Scott, and Jim Taylor and Darrel Dewar, tabulating quantity surveys.





## "MILLIONS" IN SAFETY AT CREIGHTON MINE

Maybe Creighton mine didn't invent Safety, but it must be among the world's most diligent and successful practitioners of the art.

No less than 24 times over the years since International Nickel commenced its awards for distinguished safety achievements, the supervision and men of Creighton have teamed up to earn special recognition for long performances without a lost-time accident.

And once again congratulations are in order.

Shift boss Tom Murphy has led his crew since April 24, 1953 without a lost-time injury, and on May 1 had reached a grand total of 1,001,496 safe man hours.

Divisional foreman Harry Narasnek and his crew have worked without a lost-time injury since October 13, 1960, and on May 1 their total stood at 1,121,552 safe man hours.

General foreman Charlie Quinn and his shift have worked without a lost-time injury since March 16, 1967, and on May 1 had reached a total of 1,140,328 safe man hours.

All three records are still going strong.

International Nickel employees can appreciate the spirit of co-operation and mutual respect that lies behind safety achievements such as these.

A tip of the hard hat to every man involved under the leadership of Messrs. Quinn, Narasnek and Murphy in demonstrating what can be done in banishing accidents.

Retiring superintendent Earl Mumford couldn't have asked for a better going-away present than the triple-million safety performances established at Creighton mine on May 1. He's seen in the centre of the front row, congratulating shift boss Tom Murphy; the other two supervisory "millionaires", general foreman Charlie Quinn and divisional foreman Harry Narasnek, stand on either side of them, and perched on the load-haul-dump machine are some of the men who helped build the records.



Here are more of the men involved in Creighton's triple safety achievement on May 1. They are members of shift boss Tom Murphy's crew, which has worked without a lost-time injury since April 24, 1953.

## Field Engineers

Continued from Page 10

the survey crews are first on the scene when a new plant is proposed.

Working from scratch on a new project site, the field men provide the initial contour map of the area, investigate the sub-soil conditions, estimate the tons of rock to be blasted away and the cubic yards of overburden that have to be removed, and then locate a suitable place to dispose of it where the natural water sheds will not be disturbed.

Following site preparation comes accurate location of the building lines, and once construction is under way, rigid inspection of excavations, formwork, placement

of footing and foundation reinforcing rods, and quality control of poured concrete.

"Once the job is completed," observed Jack Neil, "there's very little of our work showing. However, filed reports submitted by our inspectors recording step by step checks of the work assures us that what's below the ground is just what is called for in the building plans and is of the specified quality."

Other aspects of the field office responsibilities include layout of railroad track, property lease plans, precision surveys for accurate line-up of foundations of heavy plant machinery, and stockpile measurement for inventory control such as the stock of iron ore pellets at the dock at Little Current.

Members of the department take

to the air several times a year to up-date tailings area maps, they can be found shooting levels along the Company's many crane rail systems, and are equipped to measure the flow of pipeline liquids.

Current duties that take the surveyors and inspectors further from home are the 30-odd dams and dykes that stretch 80 or so miles to the north on the Company's Spanish River power system, the plotting of power line routes, and site surveys and soil testing at Inco's developing Lakehead property at Shebandowan.

A hardy breed, usually tanned to a deep healthy bronze by their exposure to the elements, the modern-day explorers of the Copper Cliff general engineering department field office are always to be found where the action is —

and chances are, they were the first ones there.

### CONSIDER THE HAMMER

A good hammer doesn't lose its head and fly off the handle . . .

It hits the nail on the head and drives the point home . . .

When errors occur, it clinches matters . . .

Occasionally it make mistakes, but it is prepared to rectify them at once . . .

And for the most part, it keeps pounding away until a job is done . . .

It is the only knocker in the world that does constructive work.

It's sweet to be remembered, but it's often cheaper to be forgotten.  
— Kin Hubbard.

## Retirements

Continued from Page 9

had a family of three. Their son Doug is a driller at Creighton.

Harold's second marriage, to Mrs. Irene Teahen, added six to his family and included Don, a maintenance mechanic at Garson, and Ron, a slusherman at Frood. His second wife died in 1963. A third wedding ceremony took place in 1966 when Harold married Mrs. Della St. Amant and increased his family to a grand total of 18 by adding another nine. Of those, Ben is a driller at Levack, Cliff is a stope leader, also at Levack, and Gerald is a motorman at Creighton. "We sometimes get together at our Laling Lake camp," said the pensioner with a wide grin. "What with the family and the 38 grandchildren, it makes quite a gathering."

### AIME BLAKE

Iron Ore Plant kiln operator Aime Blake didn't take a special early service pension because he wanted to quit working. He just wanted a change of scenery, and is now happily installed as full-time bookkeeper at his son Bob's service station on Notre Dame Avenue in Sudbury.

He worked for Inco for 34 years. Born in Perkins Mills, Quebec, near Ottawa, he came with his parents to Coniston in 1920, and started as a tuiere puncher at the Coniston smelter in 1934. He operated the rotary kiln in the pilot plant there and moved over to the Iron Ore Plant when it went into operation in 1956.

He and Lea Duhaime were married in 1937 and they have a family of five sons, with eight grandchildren.

Between his smart new home on Edward Street in Coniston, the family camp on Lake Ramsay, and

his new job, Aime will have little time for worrying about what to do.

In view of his family relationship with the famous Toe Blake, it will surprise absolutely no one that Aime is a deep-dyed Montreal Canadiens hockey fan.

### DICK BROOKS

(See Front Cover)

The man who currently holds the distinction of having the longest continuous service in Inco's Canadian operations, Creighton mine switchboard operator Dick Brooks this month reaches his 65th birthday and retires after no less than 50 years, 11 months and 16 days with the Company. Dick was born in Copper Cliff in 1904, became a Creighton resident when he was three months old, and at the ripe old age of 14, on July 5, 1918, started his working life as an office boy with the mechanical department at Creighton mine.

The working day was 12 to 14 hours long then," recalled Dick, "and the pay was \$30 a month."

He swapped jobs to be a rock picker at the mine in 1919. "The pay was better—40 cents an hour."

He left the rock house to become an underground crusher operator in 1924, at 57 cents an hour, came to surface to repair crushers three years later, and transferred to the electrical shop in 1933.

His final move, to the electrical switchboard in the compressor house, came in 1938. "I've had some high-jinks since then," said Dick with a wide grin. "What with thunder storms and one thing and another, I'll tell you there was never a dull moment. One such un-dull moment came when the 44,000-volt transformer house received a 'bump' just a few minutes after I'd left there. Blew all the doors and windows out of the place."

A Creighton ceremony in 1932 united Dick and Christina Villeneuve, and they have a family of three sons and three daughters.



Mrs. Brooks



Mrs. Blake



At a banquet at the Club Allegri in Coniston a large gathering from the iron ore plant gave a hearty retirement sendoff to veteran kiln operator Aime Blake, who was presented by George Nowlan with a well-filled wallet. Chatting with the guest of honor, centre in the above picture, are plant manager Earl Staneman, George Nowlan, Ted Morrison, Ed Nevala, and Vince Lalonde.

Richard Jr. works with the Inco engineering department at Thompson, and their three daughters are all married to Inco men at Creighton: Dolores is the wife of maintenance mechanic Bill Mulligan, Joyce is married to stope boss Ernie St. Jean, and Mary's husband, Ron Denomme, is a driller. To date, the grandchildren number 17.

A Livelyite since the town was born 18 years ago, Dick plans to live in the area, fish and hunt, and drop around to the Royal Canadian Legion branch clubhouse for a chat with the boys whenever he gets lonely.

Creighton's maintenance department held a stag retirement dinner for Dick, and presented him with a gold watch and a model of an electric locomotive. He's seen in our cover picture, looking fit and dapper, receiving congratulations from Creighton maintenance superintendent Albert McAllister and Ontario division general manager J. A. Pigott, with both of whom he worked during his lifelong career at Creighton.

### RALPH TROTTER

As a conveyorman at the Copper Cliff reverb building sand bins, Ralph Trotter spent his 24 Inco years watching materials traveling by. Now, as a disability pensioner, he plans to do some travel-



Mr. and Mrs. Trotter

ling of his own, and his first trip will be to Niagara Falls. Born in Espanola, Ralph grew up there, and came to Inco in 1943. He and Loretta Turgeon of Estaire were married in 1939 and boast a family of 11 and 10 grandchildren. Son Ray is a chute blaster at Stobie.

### ART POPESCU

Service pension has come to Art Popescu after 38 years with Inco. Spry and active after a lifetime of working the stopes and drifts at Frood and Stobie mines, where



Mr. and Mrs. Popescu

he was a powderman since 1958. Art will continue to apply himself as plumber, painter, and general handyman tending his apartment house.

Then a blacksmith, Art left Roumania for Canada in 1929, and started with the Company in 1930. He was married in 1927, and he and Elsie Paulenko are very proud of their family of five. Son David is employed as a roddman with the Copper Cliff field engineering department.

## Appointments

Continued from Page 3

Wiznak of Creighton and has four children.

Fishing, hunting and golf are his recreations.

### J. C. TAYLOR

Born in Toronto, John C. Taylor received his early schooling at St. Andrew's College, Aurora, then attended the University of Toronto from which he graduated in 1958 with the degree of bachelor of applied science.



J. C. Taylor

During his university summers he was employed in the metallurgical and smelter research departments at Copper Cliff.

Following graduation, after a year's experience in Noranda Mines Limited's iron sulphur division at Port Robinson and sulphuric acid division at Cutler, he joined International Nickel in the reduction section at Copper Cliff.

Transferred to the iron ore recovery plant in 1960, he became superintendent of the pellet plant in 1962. He was appointed assistant plant metallurgist in 1966.

He was married in 1961 to Ann McElroy of Ottawa, and has two sons.

### L. E. HARRIS

Brampton, Ontario, was the birthplace of Lloyd E. Harris, who attended the University of Toronto, obtaining his bachelor of science degree in mining engineering in 1962, and his master's degree in business administration in 1965.

He joined International Nickel in the mines engineering department at Copper Cliff in 1965, and transferred to the data processing department in 1967.

His marriage to Priscilla Healy took place in 1965.

He is a duplicate bridge devotee.



**GRAHAM ROMANIS**  
Born and educated in Scotland, Graham A. Romanis immigrated to Canada in January 1964 as a metallurgical trainee at International Nickel Company's operations at Thompson.

Two years later he became refinery metallurgist, and in January, 1968 was appointed administrative assistant.

He graduated from the University of Edinburgh with a bachelor of sciences degree in chemical technology in 1951.

He is married to the former Heather Ann Wilson, and has one son.

He is active in the Thompson Golf Club, and is an enthusiastic amateur artist.



## "SPLICING THE MAIN BRACE" at Frood-Stobie

The foot-wide stages in taking down the splice area at each end of the belt are visible in this picture, marked by the slight diagonal ridges. Contractor's employee Charlie Skinner is completing a cut while Frank La Fortune applies patented binding cement to the cleaned and buffed splice area. In background is the tugger hoist used to strip off the cross-woven plies of nylon cord.

**W**ITH every department of Inco's production complex straining to overtake the world demand for nickel, maintenance of the big belt conveyors which are the lifelines between mine and mill at Frood-Stobie is of key importance.

A total of 22,000 tons of ore per day — 8,000 from Frood No. 3 shaft and 14,000 from Stobie Nos. 7 and 8 shafts — depends on two long belt conveyors for transport to the mill midway between the two sections of the mine. Any interruption of that service is a very serious matter, with repercussions all the way down the production line.

### 19 Pounds per Foot

The 42-inch belt from the Frood end to the mill is 7,650 feet long — 3,787 feet from head to tail pulleys — and weighs 19 pounds per foot. The one between Stobie and the mill is 48 inches wide and 4,800 feet long.

No matter how tough the belt, the highly abrasive ore it carries inevitably takes its toll, and new sections have to be spliced in to replace worn areas with a mini-

mum of operating delay and a maximum of bonded strength.

Frood-Stobie's maintenance group has established a swift and smooth procedure to handle the job.

When regular inspection shows that splicing a section is required, the operation is scheduled from one to three weeks in advance, in the planned maintenance program, to take advantage of the "down" time available.

Since both these big belts operate under tension from 5-ton counterweights, a mechanical splice would not be satisfactory because the clips would pull out. Furthermore it is essential that the belt be homogenous through the splice area so as not to impair the accuracy of the weightometer over which it travels.

Because it's simpler and several hours faster than a hot splice, in which either steam or electric heating platens are required for curing, a cold splice is used.

The belt is 6-ply, with  $\frac{1}{4}$  inch of rubber on either side of six layers of cross-woven nylon cord, each ply about 1/16 inch thick. In the splicing process the ends of the belt are "taken down" in stages approximately one foot long, one ply to each stage. As each stage is carefully cut it is torn off by tugger hoist.

### Six Hours for Curing

When all the stages are completed the 8-foot splice area is cleaned and buffed, and the splicing compounds are then applied. The patented bonding cement contains special additives to speed up curing, which takes about six hours. The operation is carried

## 6,000 Feet of Conveyors



From Stobie 7 and 8 shafts in the foreground, and from Frood 3 shaft in the distance, 6,000 feet of conveyor galleries reach to the Frood-Stobie mill.

out in a temperature of 65 degrees.

A Sudbury contractor supplies the equipment and experienced personnel required to make the splice. So effectively does the process restore the original strength of the belt that not a splice has failed yet.

Of the 34 belt conveyors in the Frood-Stobie mining and milling operations, 18 are of the "endless" type which require cold splice maintenance; mechanical clip splices are used on the other 16.

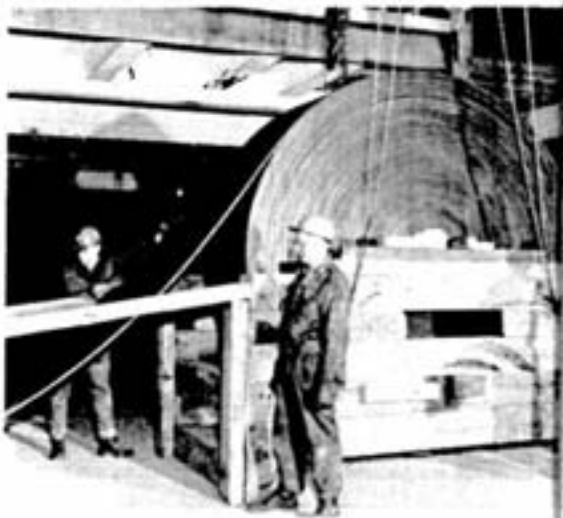
### HE WASN'T FOOLING

By and large we're not much attracted to graveyard humor. However, the epitaph chiselled into the stone above a well-known hypochondriac seems worthy of mention. It said, "See, I told you I was sick."



The replaced section of belt is reeled up by this winding device, designed and built in the Frood-Stobie maintenance department shops with a 5-ton truck transmission, reduction gear, and 15-hp motor. A similar unit will be installed underground on 2400 level to be used in splicing the 10,000-foot conveyor belt bringing ore from the Little Stobie mine for hoisting through the new Frood-Stobie No. 9 shaft into the mill. Maintenance mechanic 1st class Ivan Duchesne operates the winder while general foreman Alex Killah supervises.

New belt, shown here being fed to the splicing table, comes in lengths up to 1,200 feet. The reel pictured in the Frood-Stobie No. 3 shaft rockhouse weighs almost 12 tons. Members of the Inco riggers crew shown are John Chrapchynski, Eugene Monaghan and Linton Jones.





A popular number on the Highlight Concert program was the Levack Public School triple trio conducted by the festival chairman, Mrs. Ann Burt. The young ladies in the tuneful group, which sang "It Was a Lover and His Lass", were Zandra Zubac, Janice Keast, Mary Catherine Andrews, Anne Sorenson, Diane Bagnell, Debbie Piatkoski, Gail Moores, Joy Thompson, and Sharon Lamaire.

## Levack-Onaping Festival Praised by Adjudicator

An inspiring conclusion to the three days of the 10th annual Levack-Onaping music festival sponsored by the local Lions Club, the Highlights Concert was presented to a packed house at the Onaping Community Centre.

"A well run, well organized, relaxed and informal festival which made for a most enjoyable event," were the summary comments made by Toronto adjudicator J. Beverly Stainton. "I sincerely hope that the individual communities will be able to maintain the spirit, enthusiasm and marvellous work I have seen this week," he added.

During the evening 12 scholarships along with trophies were presented to the proud and happy young winners.

Administrative committee of the Festival was composed of: chairman, Mrs. Ann Burt; vice-chairman, Mrs. W. H. van Raadshooven, Mrs. H. Weedmark; recording secretary, Mrs. D. Chmara; treasurer, Mrs. C. Terry; Lions Club musical representative, W. H. van Raadshooven.



Shown during her impressive solo, "If Thou Be Near", by Bach, Highlights Concert performer Rose Anna Labrecque is being accompanied on the piano by Mrs. Betty Leake. She is the daughter of Levack stope leader Louis Labrecque.

The Inco scholarship was awarded to Matthew James Redsell, who was judged as the most promising senior pianist in the Festival. Matthew, seen here receiving the Company check from Levack mine superintendent Dave Lennie, is studying piano at ARCT level.



## Happy Family Camping Is Enthusiastic Group's Goal



An organization that could have a lot of influence with government authorities in making known the needs and desires of campers, and in promoting cleanliness at camping sites, Nickel Capital Campers is in its second year of activity. It celebrated the opening of the season with a Spring camp-out at Chutes Provincial Park, Massey, the week-end of June 1. Club president Tom Turgeon of the geo-physical research staff at Frood hangar, and Harry Davis of Espanola, are shown here carrying the official banner as they led the traditional camp-opening parade.



There were 28 couples with about 60 children on the outing, so the informal sports program in the lovely parkland provided lots of fun and competition. Some of the ladies are shown here digging in for the old heave-ho in the tug-o-war event. Horseshoes and all kinds of games for the kids kept everybody hustling. Florence Turgeon assists her husband with the club presidency, and Frank and Gladys Morgan of Lively are the husband-and-wife combination in the vice-presidency. Secretary-treasurer team is Jack and Isabel Skilling of Sudbury.



Special event at the Spring camp-out was the crowning of Nickel Capital Campers' queen for 1969, Lorraine Ouellette, by Massey councillor Mrs. Jack Hobbs; they are seen on the right above. On the left Mrs. Sadie Robillard, entertainment director, presents flowers to the princess, Lorraine's sister Monique. Nickel Capital Campers are the Sudbury district branch of the National Hikers & Campers Association, of which there are some 1,500 chapters in Ontario. Murray Pierce of the geological research department, local publicity director, took these pictures for the Triangle.



1. The IBM team won the championship of the regular schedule in the Port Colborne 10-pin league; front row, Bob Mirreles, Gord Hurst (captain), Archie Saville (inset), Gilles Gagnon; back, Carlo Martine, Maurice Rozon, Bob Bozzato. 2. Playoff champs in the A division were Pumpmen; front, Reg



Breton, Gerry Grandin, Leo Julien (captain), Bert Lacroix; back, Roger Jacques, Andre Rollin, Roger Cote. 3. B division playoff champs were Research; front, Louis Ordon, Jack Bidgood, Hank Boyer, Murray Richardson (captain); back, George Garner, Umbo Concessi, Jack Rickard, Pat Gleday.

## Pumpmen Capture 10-Pin Playoffs in Port League

With a delicious banquet of chicken and cabbage rolls, followed by trophy presentations and election of the new executive, Port Colborne nickel refinery's 10-pin bowling league wound up the season at their annual party at the Steelworkers Hall.

Although they were in fourth

position behind the leading IBM squad at the end of the regular schedule of the eight-team league, Pumpmen turned on the heat to finish on top in the A division playoffs, while the sixth-place Research team walked off with the honors in the B division of the playoffs.

Umbo Concessi's 175 was the high average for the season; George Garner rolled the highest single, 258, Jack Bidgood's 638 was the best triple, and Hank Boyer was the league's most improved bowler, boosting his average 11 points to 161.

Executive elected for next season is: president, Roly Melhot; vice-president, Cal Peyton; treasurer, Glen Roach; secretary, Claude Forest; directors, Jiggs Concessi, Reg Breton.

Vice-president of the Inco Recreation Club, Norm Hillier, was

guest speaker at the banquet, tracing the history of the game of 10 pins from its origin as a 9-pin sport. Other speakers were two popular pensioners, E. C. Lambert and Alex McNay.

President Bob Bozzato and his committee staged the greatly enjoyed evening.

### L'ENVOI

Don't worry if your job is small.  
And your rewards are few.  
Remember that the mighty oak  
Was once a nut like you.

## Mobile Sand Conditioning Plant Handles 2,400 Tons Daily at Garson Pit



In operation since early this year, this mobile 300-ton-per-hour sand conditioning and loading plant is located at Inco's Garson sand pit.

Used as flux for the reduction process at Copper Cliff, 2,400 tons of silica sand is shipped to the smelter daily.

Hauled by front-end loader from the pit banks, the sand is delivered to a heated loading hopper with a 48-inch by 16-foot vibrating grizzly feeder, and then elevated by belt conveyor to a heated lump breaker that is capable of handling 24-inch frozen lumps, and screens the sand through a final minus three-quarter inch mesh. The breaker is rated at 350 tons per hour.

### Gas-Fired Dryer

The material then moves on and up to the 10 x 30-foot natural gas fired drum of the counter-flow rotary dryer, where the six per cent

moisture content is reduced to three per cent, and the temperature of the sand is raised from 38 degrees F. to around 110 degrees F. A portable belt conveyor elevates the sand from the dryer discharge chute to the 80-ton railroad cars via an over-track loading hopper.

During the 24 hours between loading at the pit and unloading at the smelter in zero weather, the car temperature drops to 80 degrees F.

The loading, breaking, and drying machinery is mounted on three specially constructed railroad cars that are equipped with out-rigger supports designed to provide lateral stability and relieve wheel bearing loads while the plant is in operation.

The \$550,000 plant has eliminated transportation problems arising from winter delivery of frozen sand at Copper Cliff, with subsequent

delays while cars were heated in the thaw sheds, or had to be blasted to remove the solid load. Removal of lumps, tree roots, rocks, and other chute-plugging material ensures a free flow of sand from the smelter storage bins.

### Need Lump-Free Sand

Another aspect that warranted the installation of the sand conditioning plant was the necessity for supplying a lump-free sand to the modern fluid bed roaster in the smelter reverberatory building that has replaced some of the old multi-hearth equipment, and to the flash furnace fluid bed dryers that will be installed later this year.

The dryer is equipped with a multi-clone dust collector, and operating tests show that as little as 71 pounds of dust is emitted to atmosphere during the daily eight hour loading of 2,400 tons of sand.

## Engineering Depts. Get New Offices

Construction of a new office building for International Nickel's Ontario Division has begun. The new building will be located on the south side of Highway 17, east of Power Street in Copper Cliff.

The single-storey building will house the general and electrical-mechanical engineering departments in one wing and the exploration department in the second wing. The building is expected to be completed by the end of this year. Some 300 people will be involved in the transfer of the three departments from the general office and other locations in the Sudbury area.

# Garson Keeps Mine Rescue Championship

Briefed by Jack MacDonald and captained by John Hughes, Garson made it two in a row by successfully defending their championship and the John McCreedy trophy in the annual competition for Inco mine rescue teams.

A close runner-up was Murray; other teams in the field were Levack, which won the event four times in succession before being upset by Garson last year, Froot-Stobie, and Creighton.

Chief Judge Jock Thom of the Falconbridge safety department had high praise for the competing teams, saying that on the whole it was an excellent performance. Other field judges were Hank Derks, Copper Cliff, and Eric Frederickson, Levack.

Conducting the oral tests were John Leonard, Froot, George Langevin, Stobie, Harold Oills, Levack, Russ Emple, Creighton, Bob Zadow, Creighton, and Lavis Visentin, Murray.

The arena was criss-crossed with burlap barricades to simulate mine drifts and cross-cuts through which the masked competing teams made their way in full mine rescue regalia, their hat lamps probing the inky darkness.

## Marooned by Mine Fire

Smoke was reported coming up the return air raise of the "mine" with 10 men on 1,000 level not



The jubilant Garson mine rescue team posed for this picture with G. R. Green, assistant general manager (mining) after he presented them with the John McCreedy trophy for Inco mine rescue competition. Left to right in the group are John Hughes (captain), Dennis Lepage (vice-captain), G. R. Green, Alan Donnelly, Ellis Moratz, Jack MacDonald (briefing officer), Jack Laking, John Dagenais. They were presented with tape recorders.

accounted for. It turned out that two of these men had left the barricade behind which the group had taken refuge, and had been overcome by smoke while trying to reach surface. One of the two was still alive, and the mission of the mine rescue team was to find him, take him back behind the barricade into fresh air, and then control the ventilation to clear the mine of fumes and establish a safe route to surface for the group.

The problem was set by Harry Moorhouse, superintendent of the

Sudbury mine rescue station. His co-superintendent, John Hallows, acting as the miner overcome by smoke, enlivened the proceedings

with some highly realistic sound effects.

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The Murray mine rescue team is seen in action here, rescuing a man from a smoke-filled drift. In the background observing the action are the three judges, Eric Frederickson of Levack, Hank Derks of Copper Cliff, and Jock Thom of Falconbridge, and also John Guthrie, superintendent of the Levack-Onaping mine rescue station.



MURRAY MINE: front, Len Hirvela (vice-captain), Clarence Weist (captain), Bob Crateau; back, Clyde Rohn, Jorma Heikkila, Ron Beaudette. Briefing officer was Jerry Joliat.



CREIGHTON MINE: front, Pat Boyle (vice-captain), John Gauthier (captain), Eldon Munroe; back, Brent Holmes, Royce Simpson, Bill Horner. Briefing officer was Gary MacLean.



FROOT-STOBIE MINE: front, Sheldon Porter (vice-captain), Ed Johnston (captain), David Bruce; back, Barry Deacon, Carl Moore, Joe Shlemkovich. Briefing officer was Len Marion.



LEVACK MINE: front, Roger Gosselin (vice-captain), Tom Talbot (captain), John Schneider; back, Arne Maki, Bob Nerpin, Bob Nadeau. Briefing officer was Mel Guse.

## Levack Club Bowlers Polish Off One of Best Seasons Yet

"Just like some of the roads around the district — we need two more lanes," said Alice Didur, secretary-treasurer of the ladies' bowling league at the Levack Employees Club. And indeed, the busy schedule was brimming over the edges during the past winter when some 280 bowlers formed 60 teams in six leagues and proceeded to punish the pins in one of the most successful seasons the club has ever had.

Levack mine personnel officer Harvey Nadeau performed his usual duties as emcee at the league's presentations and dance held at the Elk's Club on Windy Lake.

Officers for the season were: ladies' league president, Doris St. Jacques; mixed league president, John Deveau; and secretary-treasurer Marlene Thompson; men's league president Murray Crane, and secretary-treasurer Hector Lauzon.



SEATED, mixed league champs, "Lefties": Anne and John Deveau, Bea Mallette and Pete Mallette, Pat and Dan Kelly. STANDING, men's "A" division playoff champs, "Didur's": Bun Landeau, captain Alex Didur, Ed Shallo; missing, Bill Wanchaluk, John Johnson, John Moss.



SEATED, ladies' league "A" division playoff champs, "Alouettes": Pierette Fraser, Marge St. Louis, captain Edith Quesnel, Betty Furchner, and Marcelle Joncas; missing, Normande Duguay. STANDING, ladies' league "B" division playoff champs, "Mighty Mites": Caroline Gosselin, Nora Olive, captain Marie Roy, Lizette Wdwiak, Alma Rossi, and Edna Brosseau.



SEATED, mixed league "B" division playoff champs, "Woolie Bullies": Herb Saulnier, Armande Donaldson, Debbie Fenske, captain Bernie Deveau; missing, Linda and George Robinson. STANDING, mixed league "A" division playoff champs, "Tiny Tims": Paul Thompson, captain Jane Lefebvre, Claire Servais, Marlene Thompson; missing, Alex Lefebvre, Bert Gibbons.

### DEATH OF CHIVALRY

The tall, dignified man joined the crowd in front of a bargain counter, to get a very special pair of hose for his wife. He inched his way forward impatiently, but was buffeted here and there by the women and made no progress. Suddenly he lowered his head,

thrust out his arms, and barged through the crowd.

"Can't you act like a gentleman?" asked a cold feminine voice at his elbow.

"Madame, I've been acting like a gentleman for the past hour," he replied, still charging forward. "Now I'm going to act like a lady."

## Conserve Hearing Industry Urged By Inco Chief Surgeon

Industrial hearing loss is largely avoidable, Dr. B. F. Hazlewood, Chief Surgeon of International Nickel, Copper Cliff said in an address to the Mines Accident Prevention Association of Ontario at the Inn on the Park. He stressed the rapidly-growing need for a medically supervised program of hearing conservation for workers in the industrial field.

Dr. Hazlewood described the development of International Nickel's hearing conservation program, begun in 1954. The objects of the program are twofold: first, all applicants for employment are screened to avoid hiring men with serious auditory trouble, to assist in the selective placement of those with hearing problems, and to check the hearing of employees who are developing any such trouble in order to prevent further deterioration; second, to take the necessary steps to protect the employees' hearing at work.

Since 1965 International Nickel's auditory testing program has been expanded so that every worker in a noise-designated area receives an annual recheck. In 1968, 3,000 re-

checks were carried out in addition to 12,000 pre-employment audiograms.

### Five Types of Protection

Hearing protection is provided by the use of ear muffs, two types of ear plugs, flents or billysholms. All first-aid men are trained in the fitting of these five types of ear protectors. With the use of these ear protectors the hazard level of 85 decibels was established to conform with the criterion of the environmental health services branch of the Ontario department of health.

In addition to ear protection the hearing conservation program attacks the intensity of sound in four ways: 1) by reducing the noise at the source 2) by isolating the noise source or isolating the workman from the noise source 3) sound absorption and 4) the revision of operating procedure, e.g. the substitution of welding for riveting and the use of electric power in place of compressed air.

With noise estimated to cost North American industry well over \$4 billion a year in lost production and accidents, Dr. Hazlewood emphasized that a successful hearing conservation program is well worth striving for because it is now known that industrial hearing loss is largely avoidable with effective safeguards and controls.

## High School Operatic Group Scores with Brigadoon

COPPER CLIFF High School's dramatic and operatic group gave a glamorous public initiation to the fine stage facilities in the school's new gymnasium with a full dress production of Brigadoon.

The tenderly whimsical tale that Lerner and Loewe wove out of the mists of the Scottish Highlands, and graced with sweet ballads and haunting melodies, was presented with true artistic flair by the young performers. They played to two packed houses and could have filled another. Public school students were invited to their dress rehearsal.

Brigadoon was quite a change of pace for the Copper Cliff group, after five successive and highly successful Gilbert & Sullivan productions, but they found the gentle mood of the play greatly to their liking, and were right at home with the romantic music and rollicking comedy. Prolonged applause from the audiences left no doubt of their triumph. They are ambitiously considering South Pacific for next year's production.

Miss Gertrude Wilson was director of the show, with Ed Rumney as musical director. Mrs. June Brown played the piano accompaniment to perfection.



A view of the stage as Fiona MacLaren and chorus sing "Waiting for My Dearie". Sitting to the right of Fiona is Diane Hervey, who was responsible for the show's colorful Highland choreography. There were 40 in the cast.



Armand Gervais and Joan Mascear brought melodious voices and easy stage presence to the roles of Tommy Albright and Fiona MacLaren. Here they sing the hauntingly lovely ballad, "There but for You Go I".



Gertrude Wilson, the gifted director, and Ed Rumney, music director, go over the score with Alan Wilson (left), artistic director whose novel stage sets and lighting effects added greatly to the success of the production.

The Lassies of Brigadoon prepare for their first appearance on stage. Janice Bain is expertly applying makeup to Laura De Benedet.



Randy Pawson as Jeff Douglas and Jane Syer as the boisterous man-hunting Meg Brockie, made a great comedy team. Other outstanding performers were John Green as the old schoolmaster, Mr. Lundy, and Gary Blair as Charlie, whose big number was the infinitely tender "Come to Me, Bend to Me".



## Levack's Minor Hockey Loop Had 190 Players

The town of Levack continues to maintain its reputation as a hotbed of minor hockey. Boasting a population of 3,000, the northern Sudbury district community embraced some 190 youngsters from six to 16 in its Minor Hockey Association program last season.

In outside competition the Levack PeeWees won the grand championship of the Noranda Kiwanis hockey tournament for the second year in a row, in a field of 48 contesting teams. Levack also walked off with the Northern Ontario Bantam championship.

In the front row of accompanying picture the four young stick wizards, captains of winning house league teams, with their respective coaches behind them, are John Mooney of the Squirts "Detroit" and coach Peter Spilchen, Andy Luoma of the Atoms



"Boston" and coach Dan Cuomo, Tony Cuomo of the PeeWee "Blues" and coach Ron Corelli, Leonard LeBlanc of the Bantams "Canadiens"

and coach Dick Coggins. Extreme left and right in the group are hard-working and dedicated association president Jim Connors and secretary-

treasurer Karlo Bubala who, together with their committee, deserve a tip of the hat for their fine community spirit and a job well done.

## Garson Keeps

Continued from Page 17

The problem was presented to the briefing officers by Wayne West of Garson.

### Held in Special Respect

The Garson team literally jumped for joy when G. R. Green, assistant general manager (mining) announced the result of the competition at a banquet at Cassio's Venetian Room. He paid a warm tribute to the victors and to the other four teams in the contest, saying that mine rescue men were held in special respect by the mining fraternity throughout the world. He noted that the Garson team was composed of a representative cross-section of the mine personnel: captain John Hughes is a

diesel loaderman, Dennis Lepage is a drill fitter, John Dagenais and Ellis Moratz are stope leaders, Alan Donnelly is a school stope instructor, Jack Laking is a maintenance electrician 1st class, and their briefing officer, Jack McDonald, is a shift boss.

John Rickaby, assistant to the superintendent of safety, was master of ceremonies at the banquet. Among the special head table guests he introduced were George McPhail of Toronto, provincial inspector of mine rescue training, Jerry Thomas, district engineer of mines, John Cooke, director of safety for Falconbridge Nickel Mines, and Jim Rutherford, Inco mines ventilation engineer, who plans and co-ordinates the Company's mine rescue training program.

## Levack Scholar Leads Graduates

Degrees in Arts, Science and Commerce were conferred upon 300 students by president Stanley O. Mullins during Laurentian University's 16th convocation exercises held on May 31, largest yet.

Among the graduands were Laurentian's first honors bachelors of arts and honors bachelors of science.

Honorary degrees of doctor of laws were conferred upon Rabbi Dr. Emil Fackenheim, professor of philosophy at the University of Toronto; Rev. Father Roger Guindon, O.M.I., rector of the University of Ottawa; and J. W. Trusler, chairman of the board of govern-

ors, Nipissing College, North Bay.

The Lieutenant Governor's medal for highest academic achievement by a student at Laurentian University was awarded to Robert Mornan of Levack, honors B.Sc., who was also awarded the Governor General's medal for highest academic achievement by a student of Thorneloe College.

The Governor General's medal was also awarded to Victor C. Shayer, honors B.Sc., Sudbury College; to Allan W. Vickman of Lively, honors B.A., University College; and to Penelope S. Evans of Sudbury, honors B.A., Huntington College.

The Golden Key, presented by the Chemical Engineering Society, was awarded to Reynald R. Laplante of Lively, honors B.Sc.

## Two Banquets For Creighton's Young Pucksters

Two banquets marked the wind-up of the Creighton Mine Athletic Association minor hockey league season. One was held in the St. Michael's Church hall where over 200 players, parents and league organizers sat down to a fine meal followed by trophy presentations.

The other one, a celebration held earlier for the winning and runner-up teams in the house league, took place at Stan Fero's restaurant in Creighton when the owner paid the shot and the sky was the limit. One young Atom was finally topped off after sinking his eighth hot-dog and his 10th pop.

The young tads with all the hardware in the front row of the accompanying picture are: Bobby Petrenko, assistant captain of the PeeWee team that won the "B" and "C" categories and were playoff champs in the Nickel Rim Hockey League; Norman Groulx, with the best goalie award in the Atom house league; Kevin Sherbanuk, with the "Stanley Cup" as captain of "Boston", the Atom



playoff champs, and winner of the J. A. Pigott trophy for league high scorer; Ted Lucky, captain of "Montreal" who were Atom league champs; and Bill Zyma, captain of the vic-

torious PeeWee team. In the back row are banquet emcee Saul Sherbanuk, PeeWee coach Ron Laughlin, coach of the "Boston" Atoms Lionel Cormier, coach of the "Montreal"

Atoms Enchi Difilippo, and cheerful and industrious hockey convener Joe Giebe, who, together with his helpers, are deserving of congratulations for a job well done.