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Proudly They Wave



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Industry Offers Wide Opportunities To Serve Mankind

Noting that fewer students these days are showing a preference for a business career, and that many express the wish to join an endeavor in which they can "serve humanity", Henry S. Wingate countered that there are "immense opportunities" in business to achieve the personal satisfaction of service to mankind.

International Nickel's board chairman was addressing the convocation exercises at Marshall University, Huntington, West Virginia, which conferred on him an honorary LL.D. degree. Huntington is the location of Inco's rolling mills and alloy products division.

Mr. Wingate took his own company as an example. "It is an integrated business, starting with

scope for individual fulfillment. An example was the launching by Inco of a new and modern community in northern Manitoba, "which is now the centre for an entirely new area of civilization in what was formerly a wilderness."

"All who participated in this project," he declared, "will forever have the satisfaction of knowing they have helped to build a community of homes, schools and hospitals."

The challenge of change in many fields of personal activity is common in an industry like Inco, Mr. Wingate asserted.

"We need, and employ, people having a variety of skills. We need geologists to find ores, we need mining engineers, we need scientists and metallurgists to improve the methods of extracting metal from the ores and also to develop new and better alloys. We need engineers and we need good operating men to make our mines and plants work. But we need many others—lawyers, writers, artists, accountants, financial people, draftsmen, salesmen, and just plain people with drive and much sense. We need creative people, compassionate people, to help in the making of metals that are increasingly useful in many, many forms."

"This economic activity of production and distribution," he stated, "calls upon a ceaseless drive in which innovation must be stimulated. The result is the kind of progress that has brought about so much improvement in life in recent decades."

Appointments

J. McCreedy, general manager, Manitoba division, announced the following appointments effective June 1:

L. R. Villeneuve, underground superintendent, T-3 shaft, Thompson.

D. Perdock, general foreman, mechanical department, Thompson.

L. R. VILLENEUVE

Born at Chelmsford, Ontario, which was also the birthplace of both his father and mother, Lucien Villeneuve attended the composite high school and then in 1939 started with International Nickel at Levack as a shoveller, rose to divisional foreman.

When he was transferred to Thompson mine in 1960 he became a general foreman. He now takes over as underground superintendent at the mine's new T-3 shaft. He was married in 1945 to Gilbertette Provost of Noxville, and has two daughters, Joanne, 14, and Lane, 10.

Nickel Foremost

Nickel was the largest single money earner among minerals mined in Ontario during 1966, contributing \$291.2 million. Ontario's total mineral production during the year was valued at \$364.5 million.

Relaxing after putting their dogs through their paces are George Holder of the Copper Cliff smelter miscellaneous fitters with his golden retriever Rusty, and field trial committee chairman Orest Andrews with Joker, his black Labrador. A little like Topsy, Rusty forgot to stop growling at the usual 75-pound mark, and now tips the scales at a husky 132.



Also seen at the water trials is Dave Speirs of the Copper Cliff machine shop and his golden retriever Pandey, in the act of surrendering a retrieved duck to SPCA Inspector Harry Brown of Barrie, who attends all live bird trials held in Ontario. The wings of the domestic type non-flying duck are topped for protection.

Retrievers a Must For Conservation Of Game Bird Sport

"It's a sad thought," said artist-sportsman Orest Andrews of the Copper Cliff office, "but it's a fact that every year millions of game birds are killed on the North American continent but not retrieved by the hunters. In a recent test a group of hunters without dogs downed 20 ducks and retrieved five. A similar group with trained dogs dropped the same number and only lost one. Having a well-trained retriever is a step in the right direction as far as conservation is concerned."

One hundred dogs were put through their paces recently when the nine Ontario Retriever Clubs and the Sudbury Kennel Club met at the Bayview Industrial Farm to conduct two days of retriever trials.

To stimulate hunting conditions, the blast from a blank shotgun shell preceded each toss of four birds to different areas of the trial range. Pointed by the handler, the dog was then directed to seek and retrieve. It was truly an inspiring sight as the dogs reacted to whistle and arm signals from their handlers.

The price of a good retriever can vary from \$100 for an 8-week-old pup to as much as \$10,000 for a well-trained 3- or 4-year-old expert," said Orest, chairman of the field trial committee.

Close to 100 pre-killed pheasants were used during the field trials, and 150 live ducks for the water trials. The duck's wings were taped before the toss, and only three casualties occurred during the meet. Constant inspection of the trials by an officer of the Society for the Prevention of Cruelty to Animals.

The Retriever Clubs recently prepared a brief for endorsement of the Ontario Anglers and Hunters Association, suggesting that hunters with trained dogs be allowed a bag limit of seven rather than the presently legal five. "Any type of dog could be used, as long as it has passed official ability tests," suggested Orest.

The 45 members of the Sudbury District Kennel Club will be holding obedience trials on the 15th and 16th of July at the Inco Employees Club in Sudbury.

ROYAL FEAST

The missionary smiled benevolently on the native tribe around him. "I will cure you all of cannibalism," he said hopefully, as he retired to his hut.

There he was joined shortly by a native.

"The king has sent me to dress you for dinner," said the man.

"Ah," smiled the missionary. "How thoughtful of him. You are the royal valet, I suppose."

"No," replied the native. "I'm the royal cook."



Henry S. Wingate receives honorary doctor of laws degree at Marshall University convocation. He addressed the 1,054 graduating students on the subject of "The Businessman".

the exploration for new deposits, continuing through all the stages of mining, milling, smelting, refining and, finally, forming the kind of alloys we produce here in this city, bringing forth products that are giving service to industry and to people in all parts of the world."

"There are many, many hundreds of dedicated people, working day and night, to do these things," he said. "They inspire newcomers who cast their careers with us. They are devoting their lives to highly important work that is of great value to society."

Although to some graduating students big business may seem impregnable and impersonal, it actually offers broad and unique



John Cundy, who works in the electrical department at Thompson, came to Inco from Wapella in 1962, enjoys all outdoor sports. His wife Frieda's home town was Wabowden, and her hobbies are softball and sewing. Their children are Jo-Ann, who was born on May 23, and George, 17 months.

Inco Family Album



Foreman in the sampling department at Port Colborne, with 13 years' service, Ed McWatters was highly regarded for his pitching arm in junior baseball days. He's shown here with his wife Esther and their attractive youngsters, Thomas Joseph, 7, and Mary Lynn, 9.

This is the big happy family of Frood hoistman John Kruk. John came to the Company in 1946 at Garson, has been at Frood since 1950. In the back row are Wanda, 12, John's wife Pauline with Chris, 7 months, John Jr., 7, and Cathy, 17. In front are Peggy, 9, David, 4, Teresa, 10, and Debbi, 14. The whole family will be heading down Highway 69 later this summer to spend a camping holiday at Rock Lake.



This happy band, the family of Copper Refinery warehouse clerk Joe Halverson, will be beating the heat at their camp on Kukagami Lake during July and August. A Coniston boy, Joe joined the Company at the smelter there straight from school in 1951. He has been at the refinery since 1962. In the back row are Patsy, 11, Joe Jr., 13, and Brenda, 12; standing are Gale, 9, Dianna, 5, Joe's wife Lillian with 1-year-old Janet, and Peter, 3.



There are two Inco employees in this pleasant family group, Murray slope leader Nick Hawryszczyn and his daughter Irka, a vacation employee at Copper Cliff who attends University of Western Ontario. Nick came to Canada from his native Ukraine in 1948, and worked in a gold mine at Chapleau before joining the Company in 1951. Shown between Nick and his wife Martha are Johnny, 5, Irka, and Lesia, 7. A trip to Expo is lined up for the family later this month.



Creighton underground 8 shaft hoistman Jacob Bzdel is seen with his magnificent Centennial foliage, and little 2-year-old Lyndon has a lot that he's proud of too. "Mine's coming off after the July 1st whiskerino contest judging," said Jacob as he scratched his beard. "It's getting too hot for this sort of nonsense." A native of Elfron, Saskatchewan, he joined Inco at Stobie in 1947, transferred to Creighton in 1966. Also shown with Jacob and his wife Fern are Lila, 11, and Loretta, 13.



Representing Copper Cliff in this month's family album is the family of reverberation department superintendent Bob Butler. Starting with Inco in the reverber building in 1951, Bob later served as combustion engineer, and in 1961 was appointed assistant superintendent of the Iron Ore Plant. Shown with Bob and his wife Carol are their pert and pretty daughters Mary, 7, and Brynn, 10. A Lively Public School trustee, Bob's recreations are golf and the family camp at Fairbanks Lake.

Thompson On July 1st

A grand parade, stretching right through the flag-bedecked town from Kelsey Bay to Thompson Drive, launched Northern Manitoba's biggest Centennial celebration. Four of the many lovely and original floats are shown here: Malcolm Construction's 100-candle birthday cake, the I.O.O.F.'s salute to Young Canada, the Hudson's Bay Company's "Here Before Confederation" trading post, and Manitoba Telephone's artistic commercial.



Centennial beards adorned many a manly countenance.



Cute infants by the hundred were displayed by proud mothers in the baby contest.



Costumes from the early Canadian days, and also from other lands, gave a gala atmosphere to the largest of four dances, the Centennial Ball.



Hub of North, Thompson Had Historic Party

"Astum Peymetawek" — Cree Indian for "Come and Have Fun" — was the invitation broadcast throughout northern Manitoba by the Thompson Centennial committee, and people came by the thousands to do just that.

With all the enthusiasm and vigor of a 10-year-old — which it is — Thompson proceeded to stage a three-day celebration that was full of significance and packed with entertainment.

The booming town of 15,000, soon to top the 20,000 mark on account of Inco's \$100,000,000 expansion program, established itself as the province's hub of the North.

There could hardly have been a more appropriate setting for a joyous Canadian Centennial observance than this modern young mining community, created out of the wilderness in just one decade, strongly linked to the country's historic past and to its brilliant future.

Canadians directly descended from the first citizens, the Indians, and Canadians newly arrived from many parts of the world, joined in Thompson's bang-up national birthday party.

Jampacked with Activity

There was more going on than a person could catch with 12 pairs of eyes. There was an exciting pow-wow by a party of Cree Indians from Norway House, proudly attired in full ceremonial garb and

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Sam Anderson and son Billy drew applause in Fast Grass Dance.



Another star performer in Indian pow-wow was Walter Banaise.



Other members of the smash hit Cree pow-wow party from Norway House.



Dan Cameron cuts huge Canadian birthday cake, town's Centennial Singers in background.



Children went wild over the rides on first professional midway to set up in Thompson.



Colorful Cec Smith emceed opening; Inco assistant general manager Dan Munn (third from left) extended Company's greetings.



High School band from Mahanomen, Minnesota, came 1,000 miles by bus to delight crowds with several concerts and smart marching.



Cats, dogs, bunnies, and even a chicken in a coop gave judges lots of work in pet show.



Nick Ross with violin, Bill Monias with guitar, won talent contest.



Comedian Billy Meek convulsed the crowd with his barrage of jokes, delivered in a broad Scottish accent.

21 New Pensioners Get Gold Watches At Mechanical Stag

There were head table place settings for 21 recently retired employees at the reduction works mechanical department Pension Club's 29th annual banquet. Held at the Copper Cliff Italian Club, the stag attracted more than 300 who came to give the old-timers a rousing send-off and to enjoy the usual good food and top-flight entertainment.

Following the sumptuous meal, Ontario division general manager J. A. Pigott expressed his congratu-

One of the 21 retirees who received gold watches, Stan Annis is congratulated by master of ceremonies Jack O'Hara. Centre is club president Harry Costello, and on the left is maintenance superintendent Fred Burchell.



Stan Annis, Albert Abbott, Gordon St. Germain and Alf Mash.

Comedian Billy Meek was the hilarious emcee of the stage show that followed, and the wee Scot soon had the crowd holding their sides. New pensioner Waddy Pilon gamely assisted exciting calypso

dancer Peggy Jackson in her undulations, and even though he did finish up flat on his back at one point, the little man got full marks.

Credit for a most enjoyable and successful party goes to Club president Harry Costello and the faithful members of his committee.



When thrush Louise Thompson called for a volunteer to help with her song stylings, John "Red" Robertson came through in fine style.

lations and thanks to the new members, and noted that between them they shared a total of no less than 566 years of service with the Company. "At first thought," he said, "losing so much experience caused me some concern, but I'm sure much of their know-how has been handed down—together with a real challenge—to the younger men who will be taking their places."

Maintenance superintendent F. G. Burchell added his personal best wishes to the pensioners, and voiced his appreciation of the fine job that they had done over the years.

Each of the 21 new pensioners was presented with the club's traditional gift of a gold watch. They were Normand Thibault, Percy Lyons, Archie Organ, Bill Pilon, Eli Ferland, Leonel Gravel, Bernard Willett, Tommy Markins, Clement Valcourt, Joe Blais, Archie Clinton, Ozias Landols, George Hunt, Roy Basso, Ed Levesque, Norman Shell, Frank Majerik,



At his retirement party Vic Simpson (second from left) chats with old friends in the Port Colborne plant, Ivan Royal, Art Byng, Art Lewis, Muir McGowan and John Spencer.

Vic Simpson

Popular Vic Simpson has left on full service retirement after a 34-year career with Inco at Port Colborne and a fine record of activity in the community.

He was born in Melbourne, Australia, in 1902, the son of a military intelligence officer, but the family moved to Penang, Malaysia, when he was seven. In 1913, they moved to England, taking up residence in Farnborough, Kent, and finally sailed for Canada in 1919, settling

in Simcoe, Ontario. A year later, Vic set out on his own to Port Colborne.



Mrs. Simpson

He worked at the Ontario Bag Factory for two years and then operated a garage for the next 10 years. In July, 1933, he began his long association with Inco at the Nickel Refinery. In June 1936 he transferred to the mechanical department

where he remained until retirement. Made a foreman in 1951, he headed up the woodworking crews for several years before retirement. During the summer of 1960, he supervised the erection of the large purification tanks in the Company's new refinery at Thompson, Manitoba.

Marion Rambo of Port Colborne became Vic's wife at Toronto in 1928. Their son Victor is a flight lieutenant, RCAF, stationed at Winnipeg, and their daughter Joan (Mrs. Henry Boyer Jr.) resides in Port Colborne. They have four grandsons and two granddaughters.

Vic served with the RCAF from 1941 to 1945. He was a flight sergeant, first as an instructor and then in charge of maintenance, based at St. Thomas and Summerside, P.E.I.

He is a past president of the Port Colborne branch, Canadian Legion, and continues as the Legion's service officer, a post he has held for the past 20 years. He is chairman of the Air Cadet League of Canada, Ontario division, and a director of its national organization.

Vic's many and varied interests include bird watching, woodworking and gardening, in addition to youth work. He and Mrs. Simpson have planned a motor trip to British Columbia, including extensive touring in the Rocky tains.

A large number of Vic's associates gathered at a dinner at the Club Rheingold to congratulate him on his retirement and present him with a complete movie camera outfit. He was thanked for his many years of stellar service to the Company by J. H. Walter, assistant manager.

OVERDOING IT

At the bedside of the dying Scottish merchant, his sorrowing wife and family gathered for a few last words.

"Can you hear us, Father?" sobbed his wife. "We're all here, praying for you — your sons and daughters and your old Maggie."

With an anguished scream the old man sat up in bed. "Who's looking after the store?"

MOSTLY BULL

"So you like my pooch," beamed the sportily attired gent. "I'm glad. It cost a thousand dollars. Very rare breed. Part schnauzer. Part bull."

"Amazing," chuckled the lady he had just met. "Which part is bull?"

The gent broke down. "The part about the thousand dollars."

The chief cause of human error is to be found in the prejudices picked up in childhood. (Descartes)



Head table guests at Vic Simpson's big send-off were Chr's MacPhail, Ross Butler, Les Lewis, the guest of honor himself, assistant manager Jim Walter who expressed the Company's appreciation to Vic, Cam Lynden and Murray Miner.



Young trees, shrubs and flower beds dot broad sweep of lawn in Coniston's Centennial Park. On far side, dense crowd is gathered around platform for dedication ceremonies.

CONISTON DID ITSELF PROUD

The shelter town of Coniston, where civic spirit always runs high, distinguished itself among communities of the Nickel Belt with a long-to-be-remembered Centennial celebration on June 23.

Coniston was proud as punch, and with plenty of reason. It marked Canada's 100th birthday with the dedication of a municipal park, a bronze plaque, a memorial cenotaph, and a stainless steel fountain of dancing waters, to go with already established playground facilities.

Mayor Mike Solski welcomed the distinguished visitors at the ceremonies, including the federal minister of national revenue, E. J. Benson, the provincial minister of municipal affairs, W. J. Spooner, and Inco assistant vice-president and general manager J. A. Pigott, a former resident of Coniston.

A long and colorful parade, featuring youth groups and various community organizations, handsome floats, and the 14 pretty Centennial

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Silver Cross mothers lay first wreath at base of new cenotaph in park.



Rev. L. R. A. Sutherland dedicates Centennial Park. Mayor Mike Solski wears chain of office. At right is Legion president Albert Gallant.



Queen and parade princesses had special place during park dedication ceremony.

Among the Centennial beauties.



Along with cenotaph, stainless steel fountain was also unveiled in park during ceremonies.



Coniston scouts and cubs swung along in fine style behind their float in big parade.



Joe Stelmach races to beat the throw but Clarence Fox makes putout in old-timers' baseball game.

The Amazing Machine

Here is the machine that performs fascinating feats of electronic legendarium after people have instructed it what to do. Don Frattini is feeding information punch cards to the reader, which can take them at 1,000 per minute and transmit the information to the computer's bank of knowledge. Artie Midgley is typing a command to the computer through the console of the central processing unit beside him; if he types a command that the machine isn't programmed to accept, the console will print out a message telling him he's wrong. Sharon Taylor is mounting a 2,400-foot reel of magnetic tape on a tape drive; every inch of this 9-track tape can hold 1,600 alphabetic characters or 3,200 numbers; a tape can contain nearly 30,000,000 bits of information, and there are 300 tapes in the library. On the right Nancy Rutherford and Bill King are checking a disk drive holding disk packs containing up to 7,500,000 characters



each. In right foreground is the high speed printer from which come all reports requested from the machine at the rate of 20 pages a minute. The printer also prints employees' pay cheques at a speed of two per second.



Systems analysts are seen here working out the extremely complex problem of linking supplies systems, cost systems, plant production report systems and mine schedule systems for inter-use on the computer. From the left are Paul Marsh, Bob Ryan, Jim Grassby (chief, data processing), Niels Larsen and Randy Cave (supervisor, data processing). Niels is pointing out on a flow chart, one of the tools of the systems analysts trade, just how these links should be made.



A group of data processing and accounting department personnel inspect the condition of the first batch of the new punch card cheques that have been returned from the banks. Since these cheques have to go through the computer once again, folds, tears or staples create havoc. Less than one percent of the batch failed to go through.

Millions of Data Processed by Computer at Fantastic Speed

The punched card pay cheques that Inco hourly-rated employees in the Sudbury district have been receiving since May are an indication of the work being performed by a new computer recently installed at Copper Cliff to handle some of the data processing problems which are so much a part of a modern business enterprise.

For many years the Company has had at Copper Cliff one of the largest installations of conventional business machines in the mining industry. As in other phases of its operations, the newest and most efficient machinery is being acquired to keep abreast of steadily increasing data processing requirements.

The new machine is an IBM System 360, model 40 computer,

one of the most modern installations available today.

Early computer models had thousands of vacuum tubes, like those in radios; newer models are more compact, using the smaller transistors. This latest machine goes a step further, putting many minute transistors the size of a pin head, resistors and other parts of the electrical circuitry, on tiny chips. These chips are then wired together on small boards, and hundreds of these boards make up the central processing unit of the computer.

A Busy Machine

Installed in December 1966, the computer's first job was the creation of mine schedules for underground working places. This was an essential first step so that each



Nerve Centre of the Operation

Here is a close-up of the main frame of the computer's central processing unit. Bill King is at the console. The circuitry that does all the calculations is housed in this nerve centre.

Accuracy Vital

If you've ever wondered how the holes get into computer cards, here is the machine that does it. It's a key punch machine, with a keyboard like a typewriter. Cards must be punched for every step of every computer program and for all the original data stored in computer's fabulous bank of knowledge. Marilyn Guenette and Sandra Twardy are converting daily time reports into cards for the computer to read, while in the foreground Marg DeSanti is using a verifier to check that the cards have been punched correctly. Since 8,000 time reports are handled every day, it's very important that the writing be as clear as possible. The computer is pretty good at kicking out errors but if the account number, employee's



number, work place number and the occupation code are correct, it certainly makes life a lot easier for everybody.



This view of the key punch room shows some of the girls at their machines; in the back row, Rose-Marie Olivier, Dircce Mazzuchin, Cecelia Downer and Kay Kuzniar; next row, Rose-Marie Maryshak, Norma Ceppetelli, Mary Ellen Fillator, and in front of them Sandra Twardy, Maureen Huntington, Marg DeSanti, Marg Lahri, and Barbara Tucker; in the left foreground are Marilyn Guenette and Sandy Walsh.

working place could have its costs and productivity rapidly calculated by the computer. Next came the payroll with its 100 programs, its 8,000-input time reports every day, and its 15,000 cheques every week. Then came the "critical path" construction schedules for some of the new plants such as the Flood-

Stoble mill. Next on the program are new systems for plant maintenance, inventory control, costing, and many other accounting needs.

A lot of people like to think of this kind of machinery as a "brain". Nothing could be further from the truth, say the data processing personnel, who refer to it

rather irreverently as "just a big hunk of hardware". It's completely dependent on people. It can perform staggering feats faster than lightning, but it has to be told what to do, every step of the way.

Step-By-Step Instructions

When system analysts and pro-

grammers want to prepare a program for the computer to carry out some routine or perform some highly involved calculation, they first make a chart of the program, and then write a step-by-step series of instructions in COBOL, "common business-oriented language". There may be as many as 5,000 separate instructions for a single program, all of which are punched into cards by the key punch operators. Fed to the computer's reader the instructions are translated into the machine's own internal language and the machine then stores the complete program of instructions on a magnetic disk or on magnetic tape. Committed to the computer's bank of knowledge, this program can be recalled on command, either whole, or in part for use in relation to some other program.

Thus are stored millions of steps of instructions, covering massive amounts of data, all available at the flick of a switch to be processed accurately at fantastic speed.

When a program is to be run on the computer, the necessary magnetic tapes and disks containing the data to be processed are mounted on the tape or disk drives. A call deck of punch cards, identifying the program to be run and giving reference to the files to be processed, is placed in the card reader. The computer operator then presses the Load button on the console, whereupon the call deck is read into the machine's memory. The computer will then locate the required program in disk storage, bring it into memory, and transfer control of the machine to the first instruction step of the program. This instruction is then operated upon, and further instructions are followed in sequence unless otherwise directed.

Producing The Payroll

In producing the payroll the computer on instruction recalls to its memory from tape or disk the employee's complete master record. Each day during the preceding week it has read and stored all his time reports. It is now in a position to calculate his gross

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COBOL is "Happy Talk" to Programmers

In the data processing lecture room Griff Raitt (supervisor, programming) gives a talk on COBOL — "common business-oriented language" — which is the language most computer programs are written in. Very much like abbreviated English, it permits programs to be written more easily than in the earlier machine languages. The programmers shown are Tim Holgate, Ivan Teeple, Casimir Kiersnowski, John Scopazzi, Joe Spigelski, and Marlene Cholette.



Library Busy Reference Hub

The systems and programs library is where the documents and program cards backing up each system are stored. Don Crouse is seen setting up a projector for an educational seminar while Judy Opaleychuk and Gail Asman study a procedure manual that will help them in typing program layouts. Dick Williams of the mines department and Bill Campbell of stores are digging into the files for computer program printouts needed in their work in developing mines incentive computer systems and supplies control systems.



Fishing village on Fogo Island, off the north coast of Newfoundland.



A view of Winnipeg, parliament buildings in foreground.



Skating rink in front of the City Hall, Toronto.



Fishing boat homeward bound at Perce Rock, Quebec.

How Dear From I

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On the
call ourselves
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O Cana



A great Canadian industry, International Nickel's works at Copper Cliff, Ontario.

High angle view of the Cabot Trail, winding up the northern highlands of Cape Breton, Nova Scotia.





Thirteen exposures of the midnight sun at Great Slave Lake.



Lake Louise and its Chateau nestled below the magnificent Rockies.

From Us Thy Broad Domain East to Western Sea . . .

year of the one hundredth anniversary of Con-
the people of our nation are awakening as never
to glorious privilege of being Canadians.

is being born a new and richer appreciation of
s colorful history, its cultural heritages, the many
s beauty, its magnificent development, and its
resources and opportunities for the years to come.

In the world can excel its infinite variety, its
stiny, its inspiring challenge to heart, mind, and

s threshold of our nation's second century we
as Canadians with a deeper pride and sense of
y.

ada! My country. Mon pays.

Photographs from National Film Board, Ottawa



Wild and furious action in the steer decorating contest at the annual Calgary Stampede.

Part of ancient Quebec City, showing Quebec Seminary now celebrating its third Centenary.



The grain elevators and rich farmland at Lewvan, Saskatchewan.



Skyline of Vancouver against its spectacular backdrop of mountains.

A beautiful beach at Cavendish Bay, Prince Edward Island.





Some of the 250 guests attending the dinner at the Italian Club to honor Philip Morelli on his retirement after almost 48 years as an orderly at the Copper Cliff Hospital.



Shown at the head table are Mrs. Gordon Machum, Philip Morelli, who was presented with an inscribed gold watch, chief surgeon Dr. Brent Hazlewood, assistant general manager G. O. Machum, and Mrs. Morelli.

Philip Morelli

After 48 years with the Company, Philip Morelli has retired on service pension from his job as an orderly at the Copper Cliff Hospital.

The Italian Club was the scene when some 250 friends and admirers gathered to honor his long and valuable service, and present him with a gold watch and a travelling bag. Present to recall some of Philip's history and pay tribute to his efficiency and popularity were Inco chief surgeon Dr. B. P. Hazlewood and retired chief surgeon Dr. H. P. Mowat, who remembered that it was Philip who "taught him the ropes" when he started at the hospital in 1934.

Born in 1902, in Fano, Italy, Philip joined his brother in Copper Cliff in 1919. He worked at the smelter for six months before joining the hospital staff as a furnaceman. Soon installed as an orderly, Philip recalled that in those days his duties included "feeding the furnace, cleaning the windows, and tending a vegetable garden beside the hospital." In addition to his thoughtful attention to the patients.

Philip married Landa Sylvestri in 1927, and has a family of two daughters, both married to Inco employees: Kay is the wife of Bucky Basso of the electrical department line gang, and Irene is married to reverend department general foreman Tom Antonioni. Three grandchildren complete the family.

Philip and Mrs. Morelli are presently on a European tour

which started with a visit to his home town for the first time in 48 years. They will also see Switzerland, Greece and England before returning to their home on Diorite Street, Copper Cliff, in September.

A group of his friends in the Creighton mechanical department presented popular powerhouse engineer Ovila Racine with a fishing rod and box of tackle on his retirement. In the picture are: front row, master mechanic George Passi, Joe Fortune, Louis Roy, Ovila Racine, Alex Timeriski, assistant master mechanic Fern Roberts; back row, Cec Johnson, Norman MacDonald, Cliff Logan, Morris Coulter, Dick Brooks, Roy Larouche.

Paddy Racine

As a stationary engineer, Paddy Racine has tended the boilers and the shining compressors at Garson, Stobie, Murray and Creighton since he joined the Company in 1942. He retired recently from Creighton on service pension after 24 years with the Company.

"They may be only machines," said Paddy, "but, bless me, I got quite attached to them. I knew all their little tricks. It may sound funny—but I miss them."

Born in Aldfield, Quebec, in 1902,

The smoke stack at International Nickel's iron ore recovery plant at Copper Cliff is the tallest in the British Commonwealth. It stands 637 feet high on a base 22 feet in diameter.



In the picture are: front row, master mechanic George Passi, Joe Fortune, Louis Roy, Ovila Racine, Alex Timeriski, assistant master mechanic Fern Roberts; back row, Cec Johnson, Norman MacDonald, Cliff Logan, Morris Coulter, Dick Brooks, Roy Larouche.

Paddy was one of nine children, and left home to fend for himself when he was 15. Bushwork and trapping filled the years until he joined Inco at Murray as a fireman on the boilers, and one year later he successfully wrote his fourth class stationary engineer papers.

"I can't just sit around doing nothing," said Paddy, who now has a full-time job in

Henning Bergstrom

Swede Bergstrom has elected to retire on early service pension from his job as first aid man at Levack after nearly 26 years with the Company.

"The way I figure it," he reasoned, "I'm in the best of health,



Mr. and Mrs. Bergstrom

I've got a good pension, why shouldn't I enjoy it while I'm still young at heart."

Swede first saw the light of day on a farm near Foam Lake in Saskatchewan in 1906. He left there for elevator construction at the Lakehead in 1939, and while working there in 1941, was hired to work at Levack. His move to the safety department as a first aid man came after seven years underground.

His marriage to school teacher Peggy Hilmoe took place in 1941.

Swede and his wife are busily packing for their move to British Columbia where they have a number of relatives and friends.

"Scamp and I will miss the bird hunting around here," said Swede as he fondled his spaniel's long ears. "But I understand there's some good bird country out West, so I guess we'll make out OK."

PRACTICAL YOUNG MAN

Nurse (to 8-year-old Bobby): "Would you like me to show you the nice cute little baby the stork brought your mother?"

Bobby: "Naw! Show me the stork!"

charge of metals and maintenance at a Sudbury salvage yard. "I'll be taking some time off next fall though—I've got a date with a moose in the Foley area."

Paddy and Irene Robitaille were married in 1929, and their family of four are Raymond, Jennine (Mrs. Euclid Quenville), Marcel, and Regent, all of Sudbury, together with a fine crop of 18 grandchildren.

With a great love for children, Paddy and his wife have also brought up four for the Children's Aid Society in addition to their own.



Mrs. Racine

who now has a full-time job in



Two lovely Centennial princesses from the Port Colborne office, Elaine White representing the modern and Elaine Laing the traditional, gave a regal touch to International Nickel's double-anniversary float.

James H. Walter

Inco's 50 Years in Port Colborne Saluted Along with Centennial

A double anniversary, Canada's 100th and the International Nickel refinery's 50th, was symbolized by Inco's impressive industrial float in Port Colborne's record three-mile parade on July 1st.

Created by Refinery craftsmen, the float was surmounted by a revolving nickel stainless steel replica of the 1951 Canadian nickel, which was specially struck to commemorate the 200th anniversary of the isolation of nickel as an element by the Swedish scientist Cronstedt. The coin bears a design representing the Company's Port Colborne refinery.

A miniature smoking chimney and fluttering flags rounded out the exhibit, but the applause of

the huge crowds lining the parade route was mostly for the beautifully fabricated coin replica and the two charming office staff members who rode beside it.

The 90-unit parade of floats, marching units and bands, a picturesque Centennial Ball, joyous street frolic and special religious services, were highlights of the July 1st celebration at Port Colborne, a community with a strong sense of history.

International Nickel's golden jubilee in the city sent old-timers' minds reaching back to the commencement of the plant construction in the spring of 1917.

Site Selected in 1916

In October of 1916 a reconnoitering committee had come up from the Company's Orford works at Bayonne, N.J., where matte from Copper Cliff was refined, to survey

the situation. In this group were Ambrose Monell, International Nickel's first president, W. A. Bostwick, who became president in 1917, R. C. Stanley, who later became chairman and president, E. P. Wood, F. Ludham, and C. G. Brannigan.

Choice of Port Colborne as a refinery site was largely influenced by the proximity of water transportation and an ample supply of electric power. Property for the plant was purchased from D. McGillivray and construction was commenced by the Foundation Company early in 1917.

Using the old Orford process, which was later transferred to Copper Cliff, production got underway in 1918. Compared to today's vast modern operation covering several acres, the original plant would seem very small, and many of the practices crude and laborious, but nevertheless it was a highly significant development to Canada in that it made possible the complete treatment of nickel ores to refined metal within the country of their origin.

Members of the original operating staff came from the Bayonne plant. John More was manager, J. T. Kemp assistant manager, O. Rohrburg works engineer, E. A. Thompson master mechanic, W. E. Murphy works auditor, A. H. Schuyler superintendent of converters and cupola, H. P. Roe superintendent of wet house and calciners, E. T. Harper, superintendent of refinery, W. J. Freeman Jr., who was to become manager, arrived in January 1919 to be refinery superintendent succeeding E. T. Harper, who died.

Among the early employees were Jack Jennings of Bayonne, Jack Wilson and Frank Gallinger, who were transferred from Copper Cliff, and three well-known Port Colborne men, Eddie Noyes, Art Weaver and "Spoke" Grace.

Has Made Big Contribution

The record of the Port Colborne plant over the years has been one of steady growth in production capacity along with great strides in technical skill. In both respects it has kept pace with the other divisions of International Nickel's operations, building a world-wide reputation for the Company not only as the biggest nickel producer, but also as a keenly progressive and efficient enterprise.



Inco's Al Croston was grand winner of "Brothers of the Brush" contest, community Centennial stunt.



Evening Tribune

Port Colborne Arena was strikingly transformed into "Upper Canada House" for Centennial Ball, second to none in Niagara Peninsula. Among the 800 persons in costume were these Inco couples, Pat and Ken Brownell, Marilyn and Larry Roach, and Betty and Les Parry.



Harry Preston Roe, 76, retired superintendent, is the only member remaining in Port Colborne of the original staff at Inco's nickel refinery, where construction commenced 50 years ago. He's shown here with his son Preston (Pep) of the precious metals lab., his grandson Harry of the electrolytic department, and his great grandson Richard, 2½, unquestionably a future manager of the plant.

Hardy Characters of Early Days



Troops of Wolfe and Montcalm, portrayed by A and B packs of 1st Capreol troop.



The fur traders of 1st Creighton were judged best.



2nd Sudbury's A and B packs came as Ojibway and Huron Indians.



14th Sudbury appeared as Micmac Indians, complete with hawks.



1st Waters A and B packs took a long stride back into time, arriving on the scene costumed as Vikings. Voyageurs and fur traders came from 1st Copper Cliff (below).



Annual Cuboree a Colorful Display Of Some of Canada's First Citizens

Indians, fur traders, soldiers, settlers and other hardy denizens of Canada in its earliest days made a spectacular sight as the sixth annual Sudbury district Cuboree presented a Confederation kaleidoscope.

Close to 1,000 cubs, from 42 packs between Burwash and Levack, and Warren and Whitefish, thronged the parkland opposite the Copper Refinery in a youthful salute to Canada's first 100 years.

In the warm sunshine some were more fortunate than others. The lucky lads wearing the authentic warpaint of the early Ojibway, Huron, and Micmac Indians, were cool and comfortable in their loincloths and bare backs, while those playing the part of the paleface fur traders huffed and puffed under bearskin hats, buckskin

jackets, tall boots and heavy packs.

The program for the day started by bringing all the cubs together for prayers and the traditional stirring grand howl. "This helps to give the youngsters some idea of the magnitude of our movement," explained district commissioner Alex Gray. "The International Boy Scout movement is the largest uniformed organization in the world, over ten and a half million strong. We have a membership of 35,000 in Canada, with half that number in Ontario."

Able and efficient cuboree chief this year was Mrs. May Thom of Falconbridge.

In addition to costumes, the project of each pack included preparing a display of articles and handiwork representative of the group it

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The hardy Selkirk settlers with their covered wagon were portrayed by A and B packs from 2nd Minnow Lake.





Many beautiful floats were on display in the mile-long parade that wound through Lively during its Centennial celebration.



Mayor Len Turner and Legion president Ted Morrison watch as Silver Cross mother Mrs. T. Ray places wreath at the town's new cenotaph.



As their Centennial project these members of Lively's teen-age sorority, Sigma Phi Kappa, raised the money to build the town's cenotaph.



The town's littlest cop was on traffic duty all day.



A display of karate proved to be a popular attraction with the big crowd.



Senior citizens, many of them in period costume, were entertained at a tea party.



There were some 1,200 flag-waving school children as well as 200 adults marching in the parade, many wearing Centennial costumes. Flags of all the provinces decorated the main street.



Teen-Age Sorority Donated Cenotaph at Lively's Centennial

Dedication of a memorial cairn and colors honoring the town's warrior dead was a solemnly impressive feature of Lively's very successful Centennial celebration on June 17.

The cenotaph was adopted three years ago as a Centennial project by the town's teen-age sorority, Sigma Phi Kappa, and funds for its construction were raised by a series of activities conducted by these community-minded young ladies. It was presented to C. J. Meaden branch of the Royal Canadian Legion by Martha Fortin, and accepted on behalf of the branch by president G. T. Morrison.

The ceremony of dedicating the cairn and colors was performed by Rev. M. T. Fisher of the United Church, Rev. Arthur Crisp of the Anglican Church, and Rev. D. Whitelaw of the Baptist church.

Mrs. Corinne Young, daughter of the late C. J. Meaden, was one of those laying wreaths at the base of the cenotaph. Mayor Len Turner presented the wreath for the provincial government.

Lively's official Centennial project, a \$15,000 addition doubling the capacity of the town library, was opened earlier this year and has already proved a great boon to the community.

Centennial committee chairman Bert Squirell and his enthusiastic cohorts lined up the busy program of activities for June 17, with entertainment of the children chiefly in mind. And over 1200 of them, cheering, singing, and waving flags, marched with 200 adults in the big parade, almost all in Centennial costumes.

Among the many striking floats in the parade were the prize-winning entries from both public schools, one a group of historical characters portrayed by grade 7 students of No. 1 School and the other a display of Centennial costumes by grades 5 and 6 of No. 2 School.

Running and novelty races, contests for best-decorated bicycle, wagon and doll carriage, and prizes for the best costumes were all

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The jubilant Levack mine team receives the McCreedy trophy for Inco mine rescue competition from manager of mines G. R. Green (right); briefing officer Mel Guse, Bob Nadeau, Tom Talbot, captain Eddie Luoma, Roy Leblanc, Fred Mooney, Roger Gosselin.

For Fourth Consecutive Year Levack Wins Inco Mine Rescue Competition

For the fourth year in succession the Levack mine team emerged victorious among Inco entries in the annual provincial mine rescue competitions, retaining the handsome symbolic trophy donated by John McCreedy.

Presentation of the trophy took place at a dinner given by International Nickel for the five teams and their briefing officers at the Cassio restaurant, mines manager

G. R. Green doing the honors. In his brief remarks he praised the ingenuity and resourcefulness of miners in coping with situations arising in their daily work, and said that the men on the mine rescue teams stood ready to demonstrate these qualities to a high degree in the event of a serious emergency.

General safety engineer Jack Rickaby, who was master of cere-



In a huddle to study the test problem are the Frood-Stobie mine representatives, John Murray, Sheldon Porter, Bill Mawhinney, captain George Orbeck, Ed Johnston, Dick Lompman, Martin Van Horne and (back to camera) briefing officer John Leonard.



Mines ventilation engineer Jim Rutherford, safety superintendent Charlie Hews, and government mine rescue station superintendent Harry Moorehouse look over the equipment of three rescue team-mates.

Stowing away their equipment in the government mine rescue station truck are three members of the Garson team, Frank Horsfall, Maurice Martin, and Floyd Laking.



monies, made special mention of the excellent co-operation extended by the staff of the government's district mine rescue station at Frood mine in training the teams.

Assistant general manager Gordon Machum, mines superintendent Mel Young, safety superintendent Charlie Hews, mines ventilation engineer Jim Rutherford, provincial district engineer of mines Bill Hoffman, and Ray Fraser, safety director of the Mines Accident Prevention Association of Ontario, were head table guests.

Victorious Levack was given a great ovation, but at the same time was warned by the other teams that its domination of Inco mine rescue competition would get a very stiff challenge next year.

Tricky Test Problem

The many hours of extra study and training put in by the teams in preparation for the contest proved to be a good investment when they were faced with the tricky test problem set by the department of mines.

They were required to rescue a fireguard who was trapped in an underground refuge station by a fire burning in a battery charging station. Each team had to bring its man safely to surface despite a "power failure" which occurred at a crucial moment while they were coming up the shaft in the cage. During this delay the man's supply of air from his Scott Air Pak became almost exhausted. Consequently on reaching surface the team was required to rush him to the hoist room and connect his breathing apparatus to another source of compressed air.

Besides Levack and Frood-Stobie, shown in the accompanying photograph, the other teams in the all-Inco section of the provincial competition were: Garson, Captain Art Schillemore, M. Martin, J. Guthrie, F. Laking, F. Horsfall, M. Dushrene, and briefing officer Jack McDonald; Murray, captain John Ratushniak, R. Plouffe, R. Tennant, K. Leach, W. Cichowski, C. Weist, and briefing officer Carl Clubbe; Creighton, captain Bill Duncan, D. Weidmark, R. Cormier, R. Empie, R. Peacock, J. Gauthier, briefing officer Eric Ashick.

MONOTONOUS LIFE

"It says here in the newspaper," said the old gentleman, "that a man is run over in New York every half hour."

"Dear me!" said the old lady. "The poor fellow!"

12 Fine Apple Trees in Nick's Sudbury Orchard

"All my friends were leaving for Canada, so I figured I should go along too," said Copper Cliff disability pensioner Nick Holynski.

He was 24 in 1929 when he left Probabyn in West Ukraine to seek his fortune here. "Like so many



Mr. and Mrs. Holynski

others, I planned to return home after a few years with a nest egg. But instead I have worked for the Company for 31 years, and with no regrets."

Nick had worked his way from coast to coast by 1935 when he joined Inco at the concentrator to walk the tailings line. He was employed as a fitter in the reverber building when he injured his leg, and since that time has worked in the reverber office.

A Port William girl, Alice Olenik, became Nick's wife in 1935. Their family of three are Alicia, married to Stobie construction leader Julian Maluha, Myrna (Mrs. Dan Maren) of Toronto, and Nick Jr. who lives at home with his parents. Their two grandchildren are close neighbors and always welcome visitors.

The grounds around the Holynski home on Nicholas Street show the results of careful and constant gardening. Nick's special pride are a dozen apple trees he planted some 15 years ago. "Our home is a nice place to be during the summer," said Nick as he surveyed the garden. "But now that we have the choice, I think we'll be heading south for the winters."

TAKE IT EASY, BUD!

Two sailors had been adrift on a raft for days when one, losing all hope of rescue, knelt in prayer.

"Oh, Lord," he moaned, "I've led a worthless life. I've drunk to excess. I've been mean to my wife and I've neglected my children. But if you save me from this, I promise..."

"Hold it Jess," interrupted his companion. "Don't promise anything drastic. I think I see land."

Key Beam Is Big Improvement To Undercut-and-Fill Mining



IN THIS UNDERCUT-AND-FILL STOPE on 2200 level at Levack the new self-supporting key-beam roof construction permits mining of multiple benches, greatly increasing production efficiency. Drilling the second 10-foot bench are Dennis Trotter and Bob Lewis. Since this particular stope adjoins a sand-filled blasthole stope, timber support has been installed at the end for extra protection.

A new type of construction to support the overhead sand fill in undercut-and-fill mining has been developed at Levack mine and is given a substantial measure of the credit for that mine's increases in both efficiency and production.

The highly successful innovation is a key-beam structure that replaces the laminated stringer with posts over which the mat is laid to form the roof of an undercut-and-fill stope.

The timber legs of the key-beam are framed with bevelled ends to create an arch when matched in a short section of steel H-beam at the centre of the span. The other ends of the timber legs are supported on steel gussets bolted to the pillar walls of the stope. Timber braces are installed between the key-beams. The mat is then laid over the beams and the mined-out area above is tightly backfilled.

Under such a sturdy self-sup-

ported cover it is now possible to mine multiple benches instead of having to install a post-supported mat after each bench is mined, as is the practice in conventional undercut-and-fill stoping. Elimination of posts has also greatly increased the working area in the stope, allowing the use of a 60-inch scraper when slushing, rather than the 48-inch scraper conventionally in use.

Another advantage of the key-beam is that it permits the use of



KEY-BEAM CONSTRUCTION IS ALSO USED in roofs of gangways and drifts at Levack, resulting in increased versatility in the mining operations. ABOVE: a gangway on 3000 level installed between a pillar and sandfill; Roger Gosselin stands at the chute, while Gary Bass replaces a piece of plank flooring. BELOW: a key-beam roof in a crosscut; the miners are Alan Savoy and Alan Armstrong.



a mat made of 1-inch plank instead of the round logs installed in the original design, greatly simplifying the arduous and time-consuming work of nipping construction material into the stope.

Since Levack is the major user of the undercut-and-fill method among Inco mines, the advantages of the key-beam structure have been clearly demonstrated in its production figures. Coming at a time when the demand for nickel is so great that every additional ton is of importance, such an improvement in operations takes on special significance in the Company's multi-million dollar program to bridge the production gap.

The key-beam principle has since been extended to the other Inco mines.

Divine Inspiration?

The idea for using the key-

beam type of construction came to Grant Bertrim, assistant superintendent at Levack mine while he was vacationing in Florida. Attending church, and presumably casting his eyes heavenward during the anthem by the choir, he noted the self-supporting arched roof of the building and gradually fell to wondering why a similar basic structure, transmitting the roof load to the walls, wouldn't get rid of all those posts in undercut-and-fill stopes.

"I suppose the moral is obvious," he remarked to the Triangle with a quiet smile. "Us Inco miners should go to church more often."

High quality guitar strings are made of a nickel-copper alloy which stays bright and clean, will not stain or tarnish, and resists corrosion.



Little Miss Jumping Bean



The children's races were a big feature of the Neelon-Garson Centennial Field Day.

Garson's Day

Garson was en fete June 24 for a grand celebration of Canada's 100th birthday. Although staged on a smaller scale than many of Nickel Belt festivities, the field day was big with Centennial spirit. Members of the various community organizations worked tirelessly under the sponsorship of Neelon-Garson Township council to score a real success.

Following a brilliant bicycle parade the opening ceremony was conducted by township reeve Leo Jones. Then came the children's races in the Lions Club park, with silver dollars for the winners and treats for all. After that there was some wild jousting as contestants belabored one another with pillows while sitting astride a greasy pole. A log-sawing contest, a tug-o-war in which five teams pulled mightily, and softball, soccer and horseshoe tournaments added to the enjoyment. Unfortunately the fiddling contest was rained out, but the street dance and go-go show was moved to the high school auditorium which was packed with people, many in costume.

The committee in charge of the big day was: Len Atkinson, chairman, Bill Sleaver, chief of police, Joe Carriere, Mac Brown, Ben Scagnetti, Fred Desjardins and Nart Cummings.



Four ringers, no less!



Young gladiators had at one another fiercely on the greasy pole.



You could hear the mighty muscles creaking in the tug-o-war contest.



This smooth-working team had that old crosscut saw singing, and seemed sure to set a record time, when the handle broke!



This salute to progress got a big laugh as it passed in the parade.

65th Anniversary LEONARD 'Barney' HAMILTON 1902 • 65 YEARS YOUNG • 1967



There wasn't much doubt about who was the guest of honor at this retirement stag, or who was the victim of the gags in the cleverly humorous skits staged by members of the Copper Cliff Electrical department. It was Barney Hamilton's night all the way.

Barney Hamilton

It's a good thing that no Hollywood talent scouts were among the 390 attending the retirement party held for Barney Hamilton at the Italian Club, or the Copper Cliff electrical department would probably be minus several good men about now.

The boys wrote and acted out two side-splitting one-act comedies showing the "New Way" of making electrical repairs, and a supposed "Old Way" which included in the cast one character closely resembling the honored guest of the evening.



Mrs. Hamilton

Ontario division general manager J. A. Pigott was present to offer congratulations and good wishes to Barney, who worked for the Company for 45 years. "Barney couldn't bear to see electrical equipment in poor shape," he said. "If a motor wasn't running just right, he took a firm stand, tagged it, and it didn't run again until it was fixed."

Electrical superintendent A. E. Prince recalled some of the highlights of Barney's colorful career and, on behalf of the gathering, presented him with a color television set. Other gifts, in a lighter vein, included a stout pair of suspenders intended to eliminate Barney's characteristic two-wristed hitch to his pants.

Organizer of the highly successful party, and emcee for the evening was electrical foreman Bill VanAllen. The budding actors

who displayed their latent talent were Red Harryett, Bobbie Kujala, Sheldon McCartney, Sid Yates with his banjo, Dennis Hannah, Rollie Albert and Ron Sirkia.

Born in Copper Cliff in 1902, and christened Leonard, Barney was well-known in his younger days for his love of cars and the rather carefree attitude with which he drove them. "And that's how I got my first nickname," he explained. "I guess the boys figured I resembled racing driver Barney Oldfield. I really don't know why, my old Ford with the box could only make 38 miles an hour flat out."

Assistant To Electrical Supt.

After working at two local stores he joined Inco in 1920 as a steam hoist fireman, and three months later, switched to the electrical department to work on the Orford blast furnace electric locos. He worked as a first class maintenance electrician until 1928, then spent two years as switchboard operator at the smelter substation. Electrical construction followed, and in 1936 he was promoted to electrical construction boss. That same year he became electrical foreman, and in 1961 was appointed as assistant to the electrical superintendent.

His marriage to Isobel Greig was solemnized in 1929. The couple have been blessed with two daughters, Lorraine (Mrs. Don Saville) on the staff of the Port Colborne Hospital and Barbara, an operating room supervisor in South Peel Hospital at Cooksville. Their three grandchildren are visiting them at their home on Clarabelle Road in Copper Cliff for two months of the summer.

Anyone who knows Barney will

understand that idle retirement wouldn't suit this youthful and agile veteran at all. "I've got a job lined up for the fall," said he. "I wouldn't be happy just twiddling my thumbs. I like a job with lots of challenge—and believe me there was plenty of it with the Company. I enjoyed every minute of my time there."

Hub of North

Continued from Page 5

performing tribal dances to the beat of a tomtom and the high-pitched native singing of leader Walter Bonaise. There were baseball, soccer, bowling, billiard, flour packing, and greasy pole tournaments. There was a soap-box derby, a big talent contest, a fashion show, a pet show, a thrilling fireworks display. There was a community singalong, parachute jumping by Doug Cowell, judging of the beard contest, and four or five dances. The ponies in the pony ride had to be given a rest on account of sore feet. The famous Keystone Kops levied "fines" left and right with reckless authority. There was a barbecue, a fish fry, pancake breakfasts. There were draws for a summer cottage and a car. A 70-piece band of clean-cut young high school boys and girls from a small Minnesota town with big spirit played stirring music. There was an inter-denominational service of praise and thanksgiving. And every event drew a big crowd.

Rain forced postponement of the grand parade on the morning of July 1st, but with true Western optimism the committee just rescheduled it for early evening, and sure enough the sun burst forth in the nick of time. The town's youth groups, sports organizations, fraternal and service organizations and the nurse's association, were all well represented in the triumphant procession, which was led by scarlet-tunicked RCMP constable Greg Balmer, riding Adrien Baker's beautiful saddle horse.

\$8,000 Raised for Library

Thompson came through the three-day bash in fine shape, and was delighted to hear that about \$8,000 had been realized toward completing the furnishing of the town's official Centennial project, a handsomely designed new library.

Hundreds of willing helpers pitched in to assist the Centennial committee, which was composed of: Don Cameron, president; Doug Ross, secretary; Jack Bryson, vice-president; Hugh Boyd, treasurer; Roy Hill, construction; Pete Anderson, concessions; Don Duff and Marilyn Lamontagne, publicity; John Zonneveld and Audrey Hooge, Indian liaison; Hawley Duncan and Joyce McDonald, program.

The West may traditionally be a "next year" country, but 1968's Thompson celebration will have to go some to surpass the great salute to Canada's 100th birthday.

NOT HIS FAULT

"Why is it that sometimes you seem manly and sometimes effeminate?"

"Hereditry, I suppose."

"Hereditry?"

"Yes, half of my ancestors were men and half were women."

Lorne Noble

When he kept his date with the Triangle camera for a retirement picture Lorne Noble was in training for his trip this summer to the Calgary Stampede, hence that sweeping sombrero.

A Manitoulin Island native, Robert Lorne Noble had farmed and worked in the lumber camps on the North Shore before joining the Copper Cliff police department in 1942.



Lorne Noble

When he stepped into retirement at the Creighton detachment, where he had been stationed for most of his 25 years' service, inspector Kiley presented him with a wallet and keycase on behalf of his fellow officers. He also received a poem of which he is very proud, written in his honor by Creighton's poet laureate, Jim Kearney.

Jean Stringer, who became Lorne's wife in 1927, died in 1955, leaving a family of four: Marion (Mrs. Fred Plehl) of Limehouse, Ontario, near Brampton; Kathleen and Nancy of Hamilton, and Ron, an electrician at Copper Cliff smelter.

Lorne, who resides at Naughton, takes great delight in his six grandchildren.

Two Brothers Receive Queen's Scout Badges



It was double honors for the 14th Sudbury Boy Scout troop when two brothers, Cliff and Richard Paquette were presented with Queen's Scout badges, the highest award in Scouting. The boys are shown receiving the Scout left-hand handshake from their proud father, Joe Paquette of the Copper Cliff transportation department, following the presentations.

At the same ceremony Richard (on the right) was also selected as the troop's most progressive scout of the year.

District commissioner Alex Gray made the presentations and noted that "This Centennial year, 1967, becomes even more memorable when you consider it is also the Diamond Jubilee of the founding of the Boy Scout movement." He also extended his congratulations to the boys' scoutmaster, Harold Saville of the Copper Cliff carpenter shop, and their parents "who made it possible for them to attain this high degree of efficiency."

Barney enjoyed the jokes on himself more than anybody else at the party. On the left is emcee Bill VanAllen, and on the right electrical superintendent Art Prince and general manager Jack Pigott.



Millions of Data

Continued from Page 9
earnings, charges up that pair of safety shoes he bought at the warehouse, figure out his income tax deduction, etc., etc., and determine the net amount of his check which it prints out in detail. The cheque number and the net amount it stores on tape. The average time of the computer per man per week for all of this processing is about six seconds.

The punch holes in the cheque represent its number. When the cancelled cheques are returned from the bank they are run through the computer, which recognizes the cheque numbers, refers to its stored data, and verifies the bank's record of the amount of money it has paid out. Just like that.

Needless to say, the girls and

men who do this work need quite a special aptitude which isn't in very great supply, and then they need training to learn how to use the tools of the trade. Nearly all Inco's programmers and analysts have been found in various departments of the Company—mines, smelters, purchasing, accounting, etc.

One of the chief things they need to know is "how to be careful", so that the programs they write don't produce garbage, and as a matter of fact that is what everyone connected with data processing has to know; every shift boss, every clerk, every engineer, every person who produces data that may eventually end up in the computer has to try to "do it right" so the machine doesn't waste its time grinding out errors.

Coniston

Continued from Page 1

Queen candidates in their graceful gowns of the early days, was led by the Coniston band led by director Dan Totino and resplendent in new uniforms.

The park area, a 20-acre budding beauty spot in the centre of town donated by International Nickel, was landscaped and lawned with the assistance of the Company's agricultural department. It was dedicated by Rev. O. Campeau, rector of Our Lady of Mercy Roman Catholic Church, and Rev. L. R. A. Sutherland of All Saints Anglican Church.

Impressive Cenotaph

Two Silver Cross mothers, Mrs. Lena Forestell and Mrs. Helen Chabot, placed the first wreath at the base of the impressively simple cenotaph with its long sword of freedom and bronze tablets listing the Coniston men who gave their lives in two world wars. The cenotaph, donated by the Royal Canadian Legion, and the modern stainless steel fountain crafted by members of the smelter mechanical department, were both designed by Leo Poirier, Coniston man on the staff of the engineering department at Copper Cliff.

The mayor's chain of office, an ornately designed continuous link of nickel was presented by the very active Coniston Lions Club. It bears the municipal crest showing the two smelter chimneys, along with two locomotives signifying the railways that serve the town, and clasped hands designating the many ethnic origins and creeds all working and living together for the betterment of the community.

Ecumenical Centennial Service

In the morning 850 flag-waving schoolchildren paraded to the park to join the townspeople in an inter-denominational service of praise and thanksgiving. Dedicated during the service, the flags for the park's seven flagpoles were raised by Boy Scouts and Girl Guides. Children's races were run off, with silver dollars as prizes.

An exciting display of fireworks and three big dances put the crowning touch to the festivities. Maureen Smith was crowned Centennial Queen.

Mayor Soliski in his eloquent address, traced Coniston's history from its origin in 1905. A small

farming community in Neelon Township, it was named after the town of Coniston in Cumberland County, England, by T. P. Johnston, construction superintendent of the railway built through it in that year.

"We've reached a 100-year chapter in Canada's history. We should be proud to take part in it, as we mark a new beginning of our activities as a nation in the second century."

"Let's make it a time of confidence, optimism and determination that we, together, shall spare no effort to cultivate and preserve the principles of truth, honor and justice in Canada and among all the peoples of the earth."

The mayor acknowledged the community's debt of gratitude to International Nickel, the members of the town council, and the many organizations and citizens who had contributed to the success of the Centennial celebration.

The town's Centennial committee was made up of G. Sartor, T. Paradis, J. Fera, J. Barbe, P. Gnidoski, O. Halverson, John Fantin, Maurice Gaudette, Mrs. M. Quessnel, Mrs. G. Adams, P. O. Olivier and P. Vanderhenné.

Cuboree

Continued from Page 14

portrayed. After judging, top marks and the prize of a pack equipment box went to the well-turned out 1st Creighton pack under leadership of tireless cub master Eddie Cayen of Creighton police detachment.

Members of the 2nd Battalion Irish Regiment gave a very realistic display of modern warfare tactics, after which the youngsters shed their restricting costumes to try their skill at various obstacle courses and other hilarious shenanigans designed to absorb great amounts of youthful energy.

A moving sunset ceremony, with campfire sing-song and music from the pipes and drums of the Copper Cliff Highland Cadet Corps band, drew to a close a day during which many a young lad gained some insight into the sturdy character and spirit of the pioneers who wrested this part of the continent from the wilderness.

Many Inco men are actively interested in the Boy Scout movement, helping to fill the urgent need for leaders to carry on this

Copper Cliff Club's Bowling Champs

League supervisor Ken Fyall is seen presenting the Rosemary Owens trophy to the proud winners of the ladies' bowling league, captain Barb Taylor, Marg Faddick, Nancy Campbell and Dinny McClosky.



Winners of the mixed bowling league, shown with the E. C. Lambert trophy, are captain Doug Fuller, Doreen Villeneuve, Russ VanAllen and Lynda Marynuk.



Winners of the teen league and individual trophies were Ian MacEwan, Gerry Bissonnette, captain Mike Heaphy, Peggy Fraser and Jane Syer.

worthwhile program of building good citizens for the Canada of tomorrow. Among those seen at the Cuboree, marshalling their charges and assisting in the administrative work, were Harold Saville of the Copper Cliff carpenter shop, Jim Van Egan of the Iron Ore plant, George Tincombe of the smelter electrical department, Morley Doherty of the concentrator, Bill Gowen from the reverberator, Jerry Bertrand from the payoffice, and Jack Sommers from the separation building lab.

Ed LeBreton Proud of His 30 Grandchildren

Born and raised in the fishing village of Tracadie, New Brunswick, it was appropriate that recently retired Prood service pensioner Ed LeBreton was presented with a fishing rod and reel by a



Mr. and Mrs. LeBreton

bunch of the boys who visited him at his Riverside Drive home to deliver the gift, and to wish him well in his well-earned leisure years. Ed worked for the Company for more than 30 years.

Born in 1902, Ed tilled the land and cut the tall timber until 1935 when he decided to see a little more of Canada. He had travelled as far west as Sudbury by 1936, and joined the Company at Creighton mine. Two years later he transferred to Prood, worked

at the open pit, and for the past 10 years has been a salvage man.

In 1927, Ed married a widow, Mrs. Julian Arseneault, with a family of two—Wulf lives in Oakville, Isaac in Sudbury. Since then six more have been added to their family: Eva is the wife of Creighton stope leader Felix Mallais, Arthur is a chipper at the Copper Refinery, Lauraine is married to Le-vack driller Alvida Dignard, Clarence is a feeder at the Copper Cliff smelter, Lilian is the wife of Garson driller Alvida Arseneau, and Gerald is with the army at Petawawa. There's no shortage of grandchildren—a total of 30 already grace the scene.

Ed plans to get a lot of mileage out of his new rod this summer while at his camp on Nepewasset Lake. "Three of our family have camps there," said Ed with a chuckle, "one beside the other. Sometimes I wonder if we should call it LeBreton Bay."

Teen-Age Sorority

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thoroughly enjoyed by the children.

The high school teachers outpulled the Legionnaires, and the Elks outpulled the Lions, in tug-of-war matches in which the grunts and groans of the contestants almost drowned out the cheers of their supporters. There was Highland dancing and an exhibition of karate.

The day wound up in great style with a display of fireworks, after which hundreds kicked up their heels at three separate dances.

Mayor Len Turner expressed the thanks of the community to all who participated in making Canada's 100th birthday a memorable occasion in Lively.