

INCO Triangle

June/July 1983



Publications
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On the cover

Wint Newman, Ontario division president, right, welcomes Ike and Birdie McHugh into the Quarter Century Club. Ike and Birdie are the first husband and wife to qualify for the Club in the same year. (See story beginning on page 17).



Members of the local media were shown a stope at the Big Nickel mine during a recent tour.

It's called the "underground adventure." A descent into total darkness . . . the rumble and roar of drills and machinery . . . the faintly acrid odour of recently blasted rock . . .

It is these experiences and more that Science North's Big Nickel mine in Sudbury will be offering to an expected 60,000 visitors this summer.

Since Science North acquired the Big Nickel mine last year, it has been expanding the site into a showcase of mining science and technology. Tour groups are guided through drifts that exhibit mining conditions from the turn of the century to today's modern mines. Visitors are able to see miners drilling their blast holes. They are even treated to a simulation of a blasting sequence. They see the men, machines and activities involved in mining. There is even a smaller version of Inco and Laurentian University's highly successful underground vegetable growing project.

Science North has also renovated the surface facilities at the Big Nickel park. A refurbished gift shop sits next to a lapidary shop where people can have ore samples cut and polished. In

keeping with an emphasis on "hands-on" experience, visitors will be allowed to cut, polish and mount their own minerals and gems if they should so desire.

A slate of special events has been planned for the Big Nickel mine this summer. They include:

Mine Rescue Day — June 11, 1983

— Five provincial mine rescue teams will perform public demonstrations. The Mine Rescue Railway Car with its artifacts will open that day.

Miner's Festival — July 16, 17 —

Teams and individuals from local mines will test their mine skills against one another. Events will include drilling, mucking, crib-building and log sawing.

Rockhound Festival — August 20, 21 — Lapidarists, rock collectors, and rock and gem dealers from across the province will have their wares on exhibit and for sale.

National Miner's Day — September 24 — Teams and individuals from mines throughout Northeastern Ontario will compete in a contest of mining skills.

IN Touch Bonspiel — Biggest Ever

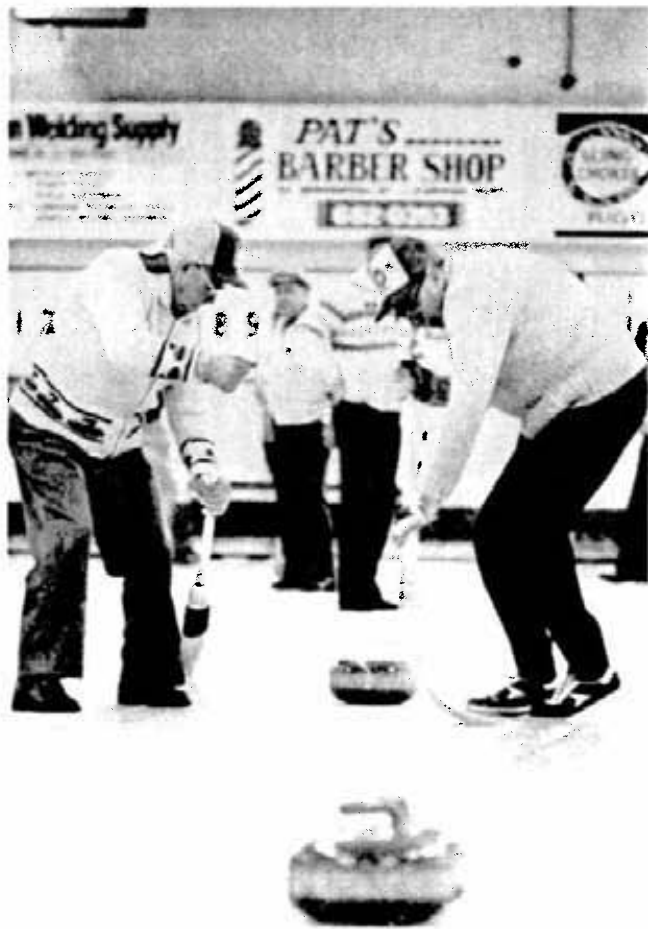
The eighth annual IN Touch Curling bonspiel was held April 6 and 7th at the Copper Cliff Curling Club. More than 140 curling pensioners spent an enjoyable two days renewing old acquaintances.

The organizing committee under the direction of Jim Bryson, Wes Hart and John Woznow saw to it that the top 17 rinks received prizes. The overall winner was the rink consisting of Jack Richer, Frank Shepherd, Harold McMaster and John Mulloy.

This years event went off without a hitch and makes it the largest IN Touch Bonspiel on record. Now it's on to the golf greens. Elsewhere in this issue you'll find information on the IN Touch Golf Tournament.



Overall winners of the IN Touch Curling Bonspiel was this rink consisting of, from left, Jack Richer, Frank Shepherd, Harold McMaster and John Mulloy.



Concentration was the name of the game mirrored on the faces of these participants

Underground update



Dr. Doina Serbanescu, consultant, and Mike Peters, Inco agriculture specialist, begin harvesting spinach that has not been touched by insects or pesticides.



Dr. Doina Serbanescu, a consultant with the project, inspects a crop of spinach grown in a Creighton mine drift.

Not long ago, someone suggesting that cucumbers, lettuce and tomatoes could be grown successfully in a mine would have drawn stares of disbelief and a notion that he or she be deposited in a crisper for crazies. Now, thanks to the efforts of Inco's agricultural department and Laurentian University, the growth of food crops underground is a reality with some very beneficial implications for residents of northern mining communities.

Four years ago the Company and the university pooled their resources to research the feasibility of growing food plants under artificial lights in geothermally heated mine drifts of Northern Ontario. If this proved out, the residents might have a winter supply of high quality vegetables. The project was funded by a three year National Science and Engineering Research Council grant. It is now in the final year of the grant.

The University and the Company developed an excellent working relationship throughout the project. Laurentian was responsible for administering the grant, overseeing the collection of data and preparing the results for publication. Inco provided a project leader in the person of Alex Gray, Inco gardener, and an agricultural technician.

The Company also supplied sites for the experiments in Creighton number nine shaft. In addition over \$17,000 in equipment and supplies as well as labor, hoisting, plumbing, electrical installations, greenhouse use and transportation was provided.

Working at the 4,000 and 5,600 levels of Creighton mine, the investigators succeeded in developing the world's first facility for growing food plants in a working mine. Tom

Peters, Inco agriculturist, says that medium length cucumbers two types of leaf lettuce and tomatoes have been successfully grown in Creighton mine. Researchers are now working towards improving the aesthetic quality of their tomatoes, that is, their shape.

Although at present, Inco does not intend to step into the business of growing and selling vegetables, the methods of vegetable production and the production schedules it has helped to develop might prove useful to mining firms in the north where communities are large enough to provide an adequate market. So far, Tom explains, three outside firms have expressed interest in using the information for their own underground commercial scale. One company near Murdochville, Quebec, in conjunction with a university, has initiated its own subterranean garden.

Besides the important scientific results of the underground vegetable project it has been a source of "very good public relations," according to Tom. Articles on the project have appeared in newspapers and magazines across the country including the Financial Post, Canadian Business, Canadian Business Magazine, Harrowsmith, Cash Crop Farming and the Toronto Star Magazine. It has been featured on CTV's Canada AM, CBC TV and Global TV. Radio interviews have been given to stations in mining centers from the Northwest Territories to the Maritimes. Scientists from Britain, Cornell University, University of Guelph, Agriculture Canada, Canadian General Electric and Phillips have visited the project. Most recently the Big Nickel, a tourist mine owned by Science North, has established a mock underground garden along with a pamphlet detailing the Creighton mine project for public distribution.

As the underground vegetable project enters its final campaign, researchers aim at improving the yield of their crops. While northern mines could provide fresh salad vegetables during mid-winter for local

consumption the size of the tomatoes would have to be improved if a viable commercial venture is to be undertaken. Further studies on growth of greenhouse peppers, egg-plant and cabbage will be studied.

Once the project concludes, Tom says that the results will be published

and will be available to anybody who wants them. As the current phase of the vegetable experiment draws to a close, the Company and the university are planning another co-operative venture studying the feasibility of growing containerized tree seedlings underground.



Darryl Bolton of Inco's agriculture department waters a crop of tomato plants.



A cucumber plant has the attentions of Dr. Serbanescu, Alex Gray, Inco gardener, and Tom Peters, Inco agriculturist

Team work pays off

More often than not it takes the talents of a number of individuals to bring a good idea to fruition. The case of the new converter collar for the converters in the Copper Cliff smelter is a good example.

Back in 1981, converter maintenance people addressed themselves to the problem of

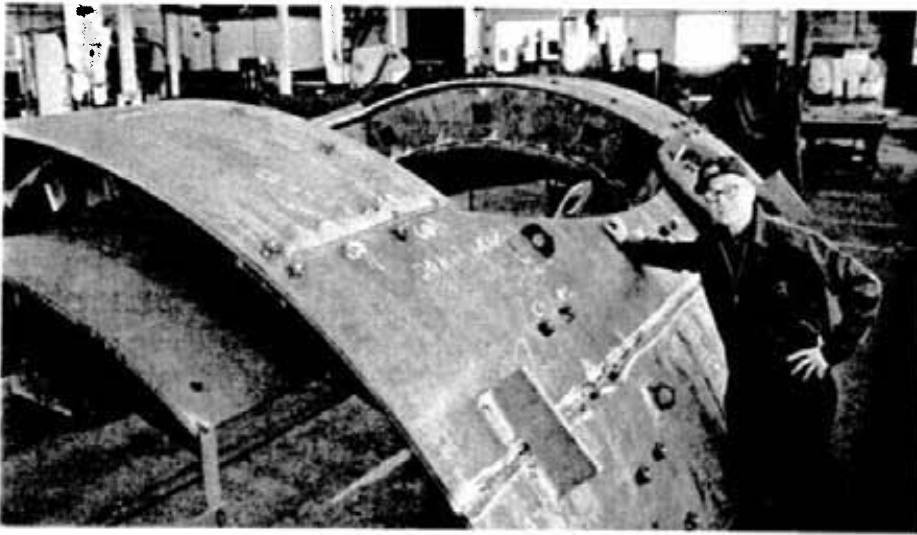
converter shells being burned by the splash of their molten contents. The problem, according to Adam Dutton, superintendent of converters, lay in the original design of nickel converters in the Copper Cliff smelter.

The tuyeres (devices which blow oxygen into the converter matte) were positioned in such a way as to permit

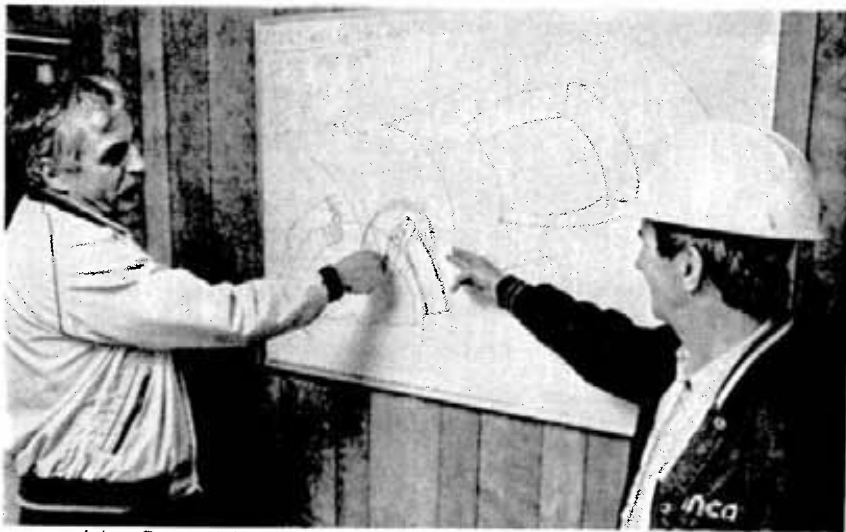
a significant amount of splashing. The splashed molten material would build up around the mouth of the converter. The refractory brick near the mouth of the converter would eventually collapse exposing the converter shell plate to the ruinous actions of the splashing molten metal.

Re-angling the tuyeres greatly reduced the splashing of molten metal in the converter. Then, Adam continues, the method of bricking at the mouth of the converter had to be changed. A superior method was introduced. Now that a firm foundation was in place, the idea of installing a protective collar around the mouth of the converter could be investigated.

Adam stresses that converter collars are not new to the technology of smelting. They consist of a collar fitting around the mouth of a converter and an apron which extends from the collar over and around the surface of the converter. Without a method of reducing converter splash and without a firm foundation of refractory at the mouth of the converter, the installation



Art Orrantia stands proudly next to six tons of completed converter collar.



Adam Dutton, left, and Ernie Pelletier, right, developed the design for the prototype converter collar.



Maintenance mechanics, Tony Fragomeni, foreground, and Vic Brunato were instrumental in piecing together the original Inco converter collar.

of a collar would not have been feasible in the case of the standard nickel converters in the smelter.

Adam, Ernie Pelletier, maintenance general foreman and Vic Brunato, a maintenance mechanic turned their attentions to constructing a collar to fit the standard converters. They applied the concepts used in the design of the stretch converters and improved on others. The two stretch converters in the smelter are 45 feet in length and ten feet longer than the standard converter. One improvement came in the form of a refractory castable lining in the collar which gave better protection than a simple steel lining.

Slowly but surely these three designed and pieced together the prototype collar for Inco's conventional converters. With Adam and Ernie providing the measurements, Vic and his crew cut and pieced together the collar and its apron. In some cases, available spare parts off the stretch converters were used.

Bolted to the exterior of the converter shell, this collar design has worked beautifully. Before the shutdown, number nine converter with its new collar, withstood two campaigns (six months of production) and is now working in its third.

There are two main advantages to implementation of this converter collar, Adam points out. Firstly, the cost of repairs will be reduced substantially as

the exterior of the converters are protected from splashes and spills of hot metal. Secondly, the repair of collars has been standardized so that all repairs are done to pre-established "specs". That should mean more efficient and consistent repair work on the converters.

Currently two converters have the new collars in place, number nine converter and number six. Eventually, Adam adds, all the nickel converters will be equipped with the new collars.

When the prototype collar was completed, engineers were called in to sketch it. The prints were sent to the plate shop where another collar was fabricated.

The task of translating the prints into templates for the big stack collar fell to Acracio "Art" Orrantia, plateworker first class and a 40 year veteran in the plateworking field, 30 of them with Inco. Templates are actual size models of each piece of a project made of light gauge steel. The job commands precision and consistency.

Once you've got the templates, half the battle is over, says Art. The templates act as a standard for all stack collars to be made in the plate shop. Using the templates he, along with burners Cosimo Valenti and Norm Brosseau and various welders, put together the real collar out of one-inch plate. It was ready for transport to the smelter in early May.

Art considered this first converter collar produced in the plate shop a real challenge. The completion of this major project brought him satisfaction, he adds, the satisfaction one gets from seeing something come together after lavishing much attention on it.

Cut, rolled, bevelled and welded to perfection, the new converter collar is indicative of the quality workmanship that emanates from the plate shop. Mounted on a converter, extending the life of its shell, the collar is an affirmation of the ingenuity of the smelter maintenance mechanics.



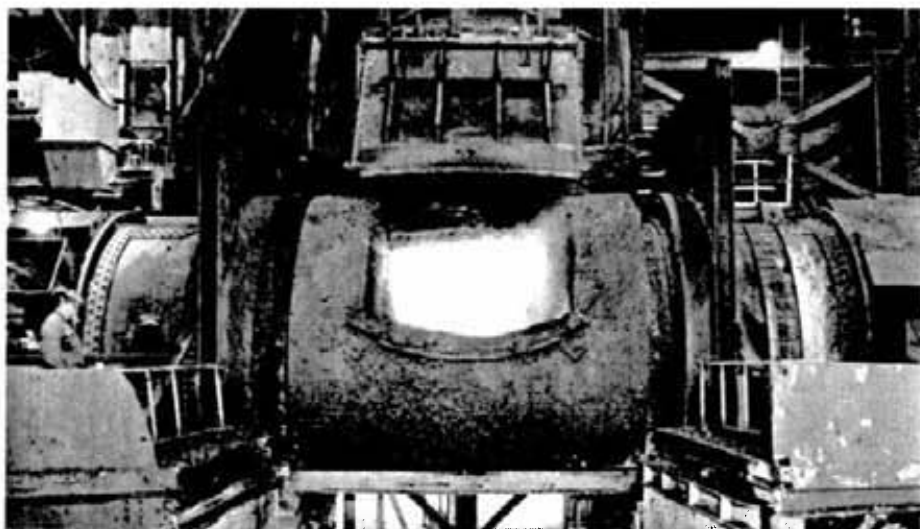
Norm Brosseau clamps two sections of collar together.



Cosimo Valenti, cuts a bolt off the converter collar during its construction at the plate shop.



Albano Furlan was one of the platership welders who contributed to the collar construction.



The converter collar extends over a large area of the converter shell protecting it from the splash of hot metal.



In the beginning

In keeping with the spirit of Sudbury's Centennial celebrations, the Triangle will present a series of articles on the history of the area in the context of the mining industry. The birth and evolution of the industry will be explored to show how it and the city have shared destinies.

You couldn't really call it a "rush". But the flurry of prospecting activity that followed the discovery of ore by CPR construction crews near Sudbury in 1883 yielded the mineral deposits that have made the region one of the world's most important mining areas.

Dozens of men combed the Sudbury Basin looking for copper deposits. Some were successful. Most weren't. Those who staked the nickel ranges included: Rinaldo McConnell, Thomas Frood, Francis Crean, James Stobie, Henry Ranger, Thomas

Murray, Thomas Baycroft, Henry Totten, W.B. McAllister, F.J. Eyre, William McVittie, Aeneas McCharles and Russell Cryderman.

These early discoverers, it seems, had little knowledge of geology and took a rather unscientific approach to locating potential ore bodies. Prospecting consisted of hiking through nearby hills in search of gossan outcrops, rocks stained a rusty red by the action of weathering on sulfide ores.

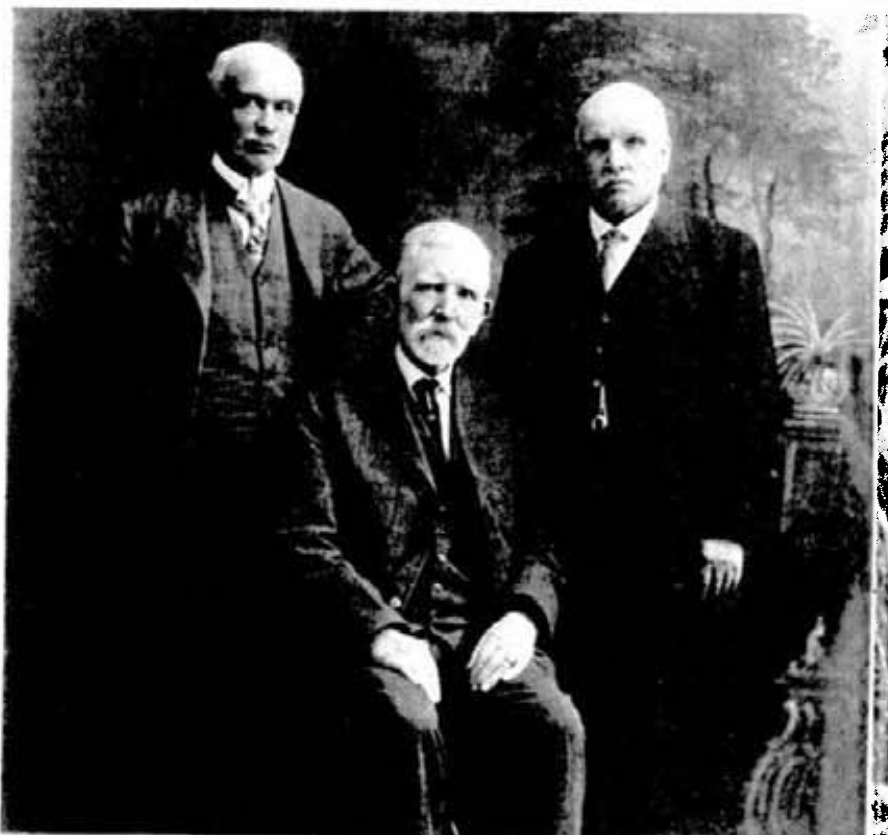
Those who chose to prospect for

Sudbury ores found the work difficult. There were no trails or roads for horses so that supplies had to be carried by pack over rocky hills and through swamps and mosquito and blackfly infested bush. Forest fires that had ranged through the district at the time made life much easier for prospectors. Impassable forests and the undergrowth which covered rock outcrops were effectively removed. Some even suspected the prospectors of setting the blaze. One report noted that if they were not guilty of torching the bush then they "were at any rate indifferent to its occurrence, and luke warm in attempting to extinguish it."

The first application for purchase of crown land came in February 1884 by



Thomas Frood.



Left to right: Dr. W.F. Howey, F.C. Crean, Stephen Fournier.

a pair of Pembroke merchants-turned-pro prospector, Thomas and William Murray and some associates. For the statutory price of \$1 per acre, they patented 310 acres of land on which eventually would be established Murray mine.

Rinaldo McConnell came along a short while later and staked what would become the Canadian Copper Company's Copper Cliff number four and number six mines. Thomas Frood found Frood mine, A.J. Cockburn found the Frood Extension, and Francis Crean found Worthington mine. Next year Henri Ranger discovered Creighton mine, James Stobie staked Stobie mine and F.J. Eyre found the Evans mine. By 1890 all the most important nickel and copper producing properties had been located.

Once they had made their patents, prospectors had to turn around and sell them to companies interested in developing mines. Companies active

in the district at the time were the Canadian Copper Company, British America Nickel Company, H.H. Vivan and Company, Dominion Mineral Company, and Mond Nickel Company.

Rinaldo McConnell proved to one of the prospectors better able to attract the attentions and the dollars of corporations interested in Sudbury mines. By the time he retired he had accumulated over \$750,000. He was the exception rather than the rule. With no way of knowing how extensive the mineral wealth of the Sudbury Basin actually was, prospectors sold patents at a price, that in the light of history, seems trivial.

Whatever financial or personal fate these prospectors earned, their place in the history of Sudbury is assured. Through their daring and pluck the mining industry in Sudbury was born a century ago.



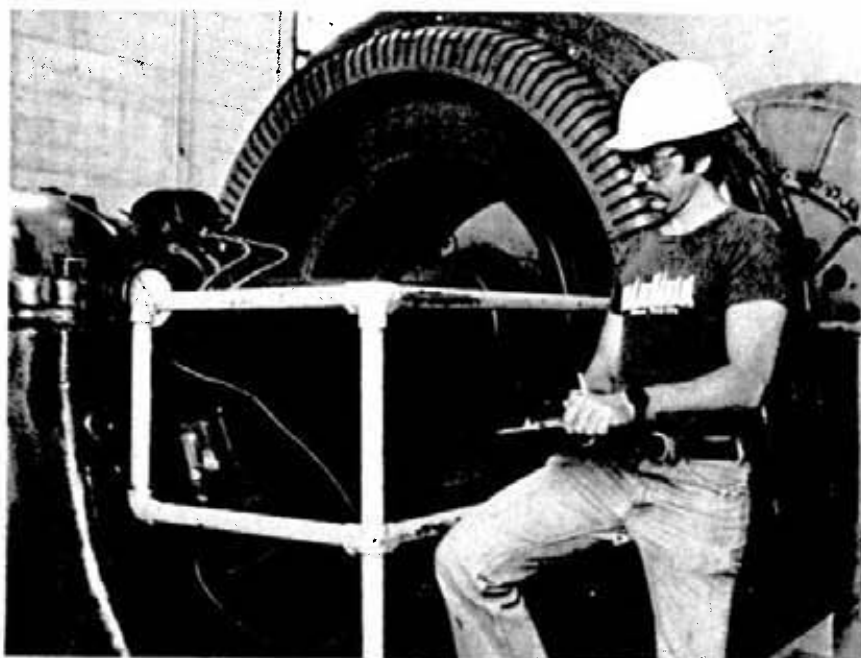
James Stobie.

Thomas Baycroft — Prospector.



Power plant repair

Plant operator Art Turner records the downstream bearing temperature on no. 2 generator in the Wabageshik generating station.



Mother Nature shows no mercy when she is angry. During the winter of 1981-82, she may have been in a more sparing mood as she left a little reminder of her invincibility at the Wabageshik power plant facility on the Vermilion River. Her frigid demeanor turned water to ice in a vent pipe causing one of the penstocks at the dam to collapse and calling the expertise of three Inco departments into play.

Penstocks are 420-foot-long, steel riveted ducts eight feet in diameter which direct water flow from the dam to the turbines in the generating station. This marked the first time the Wabageshik penstocks succumbed to wintry rigours since they were commissioned in 1909. The incident occurred on the same day that an inspection of the turbine section was scheduled.

The procedure prior to beginning work on the turbine section within the pressure casing involves draining water from the penstock. The first step is to lower the headgate (a valve of sorts). Water is drained slowly through the wicket gates of the turbine. As the water drains, air flows through the vent pipe into the penstock to replace the water.

On this occasion, for the first time,

ice had formed in the vent. The ice went undetected as water had obscured it from view. Consequently, as air could not flow in to replace water during the draining process, a vacuum was formed. The vacuum caused a section of pipe over 160 feet long to collapse. The pipe had to be replaced.

The task of replacing the penstock section required the expertise of the industrial engineering, divisional shops and central maintenance forces. Industrial engineering was responsible for designing the replacement. The design was transformed into a three-eighth inch thick steel pipe by employees at divisional shops.

The old penstock was cut into 15 foot sections and removed with the help of a 55 ton crane. The crane was then used to install ten new 16 foot pieces, each weighing approximately three tons. The pieces were jacked into place and welded together.

Together - that's the key word. The departments involved worked together to tackle the folly Mother Nature had left for them. "Everything went well," comments Pat Phillips, general foreman in the central maintenance forces department. "The penstock is good now for at least 100 years or more."

Lake of the setting sun

In Ojibwa, the name Wabageshik means lake of the setting sun. It is, just as the name suggests, serene and comforting in its isolation. Few cottages dot its shoreline.

In the distance one can hear a muted yet constant sound of water pounding rocks. It is there that the Vermilion River flows into Wabageshik Lake. It is also there that Inco produces valuable hydro-electric power.

It's the site of the Wabageshik power plant facility, located on the Vermilion River approximately 35 miles west of Sudbury. Wabageshik is one of five power plants owned and operated by Inco that provides power, along with Ontario Hydro, to the various Inco plants and mines in the Sudbury region. All the generating plants, except Wabageshik, are on the Spanish River.

The Wabageshik facility consists of a concrete dam, powerhouse, an intake structure and two steel penstocks. Two residences for the plant's operators are located near the powerhouse. Each residence is furnished with an alarm system connected to the powerhouse.

The Wabageshik plant is one of the oldest generating stations in the Sudbury area. It was formally part of the Lorne Power Company and originally owned by the Mond Nickel Company.

The original installation, consisting of the dam, a wooden log chute, two penstocks and the powerhouse, was constructed in 1908. A year later, a generating unit was installed. The installation of a second unit followed in 1911.

The concrete dam is approximately 725 feet long, including in the wing walls, waste sluices and a steel sluice gate 40 x 20 wide. In high water periods, approximately 16,000 cubic feet per second can be discharged with the gate completely out of the water.

There are two motor-operated head gates pass water to the eight foot diameter penstocks.

The generating equipment installed during that period consisted of horizontal shaft turbines coupled to horizontal generators. The generating units produce power at approximately 2,300 volts A.C. 60 cycle.

Since their installation some 70 years ago, the two units have required, and naturally so, repair and component replacements. But careful maintenance and routine inspection have extended their life and they still comprise the generating equipment of the present installation.

Carrying out routine inspections is one of the responsibilities of the plant's operator, Art Turner. "My main responsibility, however, is to control the amount of water that goes through here," Art says. "It's up to me to check out the dam, the gates, the powerhouse and everything else here to make sure they're all working properly. If something goes wrong, an alarm goes off at the powerhouse and at my house to let me know. Then I go out to investigate the problem and try to rectify it."

Art, his wife Denise, and three children have lived in one of the two

houses at the Wabageshik site for close to six years. It's a very different environment to what he was used to when growing up in the Toronto area, Art says.

Before coming to Wabageshik, Art worked as relief operator at the Nairn generating station. It was there that he took to the slow paced, quiet life. The

Wabageshik area was no different.

"We love it here," Art adds. "We love the tranquillity, the fresh air and the privacy. With this job, I have the opportunity to see more of my children. I'm here when they leave for school and I'm here when they come home. That's important to me and to them."



Construction Leader Moe Servais, left, and maintenance mechanic Gilles Leclair, discuss areas on the penstock requiring welding work. Note the size of the penstock.



The Wabageshik power generating facility - the powerhouse, left, and dam, right, are still going strong since they were built in the early 1900s

Repairs to penstocks



The penstock on the left required repair work after part of it collapsed. The building at lower centre is the generating station.



Specialist welder Vaino Ylitalo welds sections of the penstock together.



General Foreman Pat Phillips, left, construction leader Moe Servais, centre, and maintenance mechanic Ray Bennet discuss further work to be done on the new penstock section.



Specialist welder Vaino Ylitalo puts the finishing touches on sections of the penstock welded together.

Safety in the news

Starting this issue Inco's safety department will present items of significance relating to safety. This month we salute two crews for their excellent safety record.

This crew from 7,000 level at Creighton nine shaft is to be congratulated. They did not have a medical aid injury from May 21, 1980 to May 21, 1982 (when this picture was taken).



Crew members are, back, from left; Bert Morrison, Bob Boyd, Charlie Campeau, Terry Jolicoeur, Terry Raynor, Jean-Guy Vincent, Dennis McQuarrie, and Ilmari Manninen (general foreman); centre row, from left, Ted Flannagan (mine superintendent), Richard Moxam, John Hansen, Dennis Jeffkins, Ed Dumais, Ronald Fahey; front row, from left, Bob Morin, Paul Vaillancourt, John Kollar, Brian Perrin, Bob Venedam, and Lorne Hamm, (foreman).



The members of the car shop crew in Copper Cliff are continuing an incredible safety streak they started on June 24, 1974. They have not had a loss time accident since then. They are, front row, kneeling, from left, Marco DeConti, Val Bertulli, Leo Davis, Dave Gauvin, Al Young; middle row, from left, Jeff Labelle, Pat Labelle, Connie Martel, Elzie Roy, Fern Renaud, Tom Me, Lou Deluca, car shop foreman; back row, from left, Eddy Rogers, Carino Natale, Ray Denomme, Bernie Beaulne.

Car shop sets recorded

Of the numerous factors that contribute to a successful safety record, Lou Deluca, car shop foreman says that in the case of his car shop crew "number one is team work." Team work has brought them nine years without a loss time record. "They kind of watch each other," he adds. As their excellent safety streak continues toward a full decade, Lou finds the guys watch for each other even more. Safety has become a cause.

Team work experience and common sense has permitted the car shop crew to go about their heavy work safely. The crew repairs the rolling stock on all rail cars except locomotives, maintain brake systems, install all the safety appliances on cars, dismantle the trucks that carry the rolling stock, repair the bowls on slag cars and re-rail derailed cars.

1982 Inco Scholars

Because of the production shutdown in the Ontario division it was not possible to publish the 1982 Inco Reserved Scholarship winners in the Triangle. We are pleased to present them now.

The 1983 winners will be published in the next edition of the Triangle. Details on how to apply for the 1984 Inco Reserved Scholarships will also be included in that issue.



Larry Hoover

Larry Hoover, son of Karl Hoover, assistant chief accountant, metals, in Port Colborne, is a graduate of Niagara Christian College in Fort Erie. Larry's main hobby is photography. Currently he is studying chemical engineering at Queen's University of Kingston.



Peter Van Cruyningen

Peter Van Cruyningen of Whitefish is the son of Jan Van Cruyningen, a mining engineer in Copper Cliff. He is attending the University of Waterloo where he is studying computer science. He would like to get a Phd. in this field and become an independent computer consultant for large businesses.

A graduate of Lively District Secondary School, his interests include electronics, photography, sailing, wilderness survival and studying alternate sources of energy.



Jane Noonan

Jane Noonan of Copper Cliff graduated from Marymount College and went to Queen's University in Kingston to study commerce. She is the daughter of Jack Noonan, superintendent of the converter department at the nickel refinery.

Tennis, skiing and playing the piano are her main interests.



Janet Leuschen

Janet Leuschen of Sudbury is the daughter of Edwin Leuschen, an electrician at the Copper Cliff mill. Having graduated from Lo-Ellen Secondary School, Janet is currently attending the University of Windsor. She is planning to major in Commerce.

Her ambition in life is to own and manage a fashion boutique. Her hobbies and interests include music, drama, dance, rug hooking, needle point, bowling and swimming.



David Krakovsky

David Krakovsky of Sudbury is studying pharmacy at the University of Toronto. He would like to either own his own pharmacy or obtain a master's degree and become involved in drug research.

David likes golfing, curling, reading, music and watching television. His father is Karol Krakovsky, a carpenter in Copper Cliff.



Constance Fuerniss

Constance Fuerniss of Sudbury is studying business administration at Wilfred Laurier University. She is entertaining thoughts of going on to law school once she has completed her degree. She is a graduate of Lockerby Composite School.

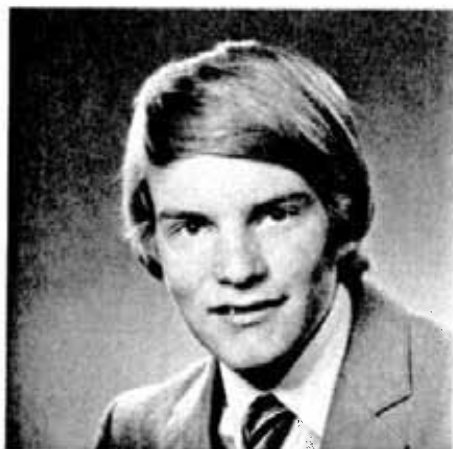
Her father, Kurt Fuerniss, is a plant protection supervisor at Creighton mine. Tennis, theatre and swimming are her main interests.



Dietmar Wolfram

Dietmar Wolfram of Dowling is a graduate of Chelmsford Valley District Composite School. He is studying computer science at the University of Western Ontario.

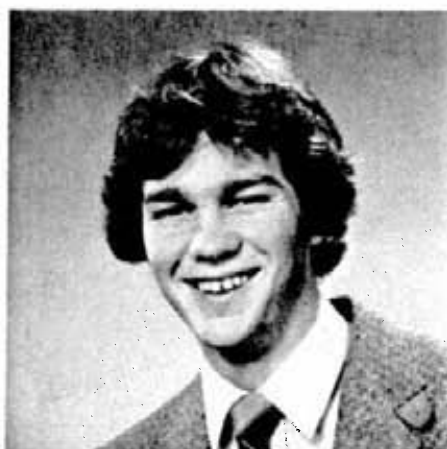
His father, Erich Wolfram is a miner at Levack. Dietmar has various interest including tennis, playing classical guitar, cross country skiing and reading.



Paul Nelson

Paul Nelson of Copper Cliff is a graduate of Lively District Secondary School. He is attending Queen's University in Kingston where he is studying engineering. He hopes to be either a mechanical or geological engineer when he completes his degree.

Paul is the son of Henry Nelson, a material controller in the purchasing and warehousing department at Copper Cliff. Paul enjoys a number of hobbies and interests including; tennis, cycling, water skiing, cross country skiing, hockey and snowmobiling.



Jim Szendrey

Jim Szendrey of Sudbury hopes to pursue a career in medicine once he has completed a general science degree at the University of Toronto. He is a graduate of St. Charles College.

Jim enjoys participating in a variety of sports such as baseball, waterskiing and basketball. His father, John Szendrey is a maintenance mechanic at Froid-Stobie.



Margaret Szot

Margaret Szot of Sudbury is a graduate of Sudbury Secondary School. Attending the University of Toronto, she is majoring in mathematics. Eventually she would like to become a high school teacher.

Music and sports, such as swimming and skating, are her hobbies. Her father, Jan Szot, is a maintenance mechanic at Garson.



Nicole Wolfe

Nicole Wolfe of Sudbury is the daughter of Jean-Paul Wolfe, an Inco pensioner. She is a graduate of Marymount College.

Nicole is attending the University of Ottawa where she is studying business administration. She draws, paints, reads and skis in her spare time.



John Greuel

John Greuel of Naughton is a graduate of St. Charles College. He is the son of Bernard Greuel, a hoe-ram operator at the Clarabelle mill. He is studying chemical engineering at the University of Waterloo.

John's goal is to successfully complete his degree. He likes team sports such as basketball and baseball. Hunting and fishing are two other hobbies.



Karen Burns

Karen Burns of Lively is attending Laurentian University where she is studying sciences. She hopes to attend medical school where she will specialize in either obstetrics or forensic pathology.

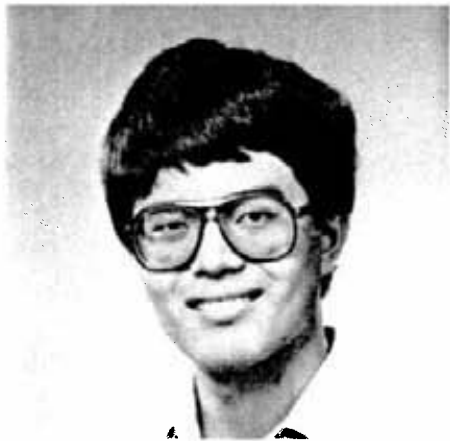
Karen is a graduate of Marymount College. Her father, Alexander Burns, is a senior capital analyst in the comptrollers department in Copper Cliff. Cadets and swimming are her two main interests.



Joanna Grabowski

Joanna Grabowski of Sudbury is a graduate of Lockerby Composite School. She is studying pharmacy at the University of Toronto. That will lead her to a career in pharmacy or possibly medicine.

Tennis, reading and skating are her favourite pastimes. John Grabowski, her father, is an Inco pensioner.



David Wong

David Wong of Sudbury has graduated from Nickel District Secondary School and is currently attending Queen's University in Kingston. He intends to study physics. He plans to pursue a career in sciences, hopefully medicine.

David enjoys sports such as swimming, skiing, badminton and cycling. He also likes reading science fiction books and dabbling in computers. His father, George Wong, is a shift engineer at the Copper Cliff smelter.



Michael Lessard

Michael Lessard of Sudbury is attending Laurentian University and pursuing studies in the school of engineering. After graduation he would like to become a systems design engineer. He is a graduate of Sudbury Secondary School.

Michael is the son of Norm Lessard, mine safety foreman at Creighton. Music, model building, skiing, fishing, golf and science are listed as his hobbies and interests.



Exclusive club adds more members

The newest members of the Sudbury and District Inco Quarter Century Club were feasted and feted at a gala evening at the Inco Club last month. Nearly 400 employees attended the two-day affair which saw their induction into that exclusive circle of people with 25 years of service with the Company.

Various company officials including Wint Newman, Ontario division president, Roy Aitken, senior vice-president, Inco Limited and Walter Curlook, executive vice-president, Inco Limited, welcomed the incoming members of the club and lauded them for their years of dedicated and valuable service.

Inductees were treated to a dinner of chicken cordon bleu and white wine. The entertainment that followed featured the energetic choreography of the Canadian Showcase Dancers, the lovely song stylings of Copper Cliff's Leisa Way and the music of the Billy Williamson band.

This session of the Quarter Century Club featured the induction of two women; Anne Harris, a supervisor in the computer services department and Birdie McHugh, a diamond sorter in the mines research department.

Birdie also shared in a first in the history of the venerable society. She and husband Clarence, better known as Ike, became the first husband and wife to join the club in the same year.

Birdie hired on with Inco in 1957 having come from Smith and Travers where she had been a diamond bit sorter. She remained in that line of



Wint Newman, Ontario division president, right, welcomes Ike and Birdie McHugh into the Quarter Century Club. Ike and Birdie are the first husband and wife to qualify for the Club in the same year.

work for most of the last quarter century. "It went very fast," says Birdie of the last 25 years. "I enjoyed it. I like all the people that I work with."

Ike started the same year at Levack mine. A native of Renfrew, Ike had been a truck driver before coming to Inco. He says his only regret is that he didn't start with the Company sooner. He had worked at Levack mine, North mine and I.O.R.P. before retiring last year. He recalled his 25 years as very good ones. The most important aspect of working at Inco and the reason for attending the Quarter century Club celebration, he found, was "the fellowship of the people you work with."





Suggestion plan awards

In May 1982, suggestions earned a total of \$11,020 in Sudbury and Port Colborne. The great number of suggestions received make it impossible (due to space limitations) for the Triangle to publish all award winners.



George Sabat



Len Venadam



Martin Rupnik

The processing of suggestion plan awards temporarily ceased during the shutdown last year. As a result the Triangle is publishing the list of suggestion award winners for May, 1982 in this edition. Subsequent issues of the Triangle will carry winners processed since the return to work this year.

- \$4,375** **George Sabat** of **Creighton mine** led the suggestion plan derby with a recommendation to, as he put it, "eliminate the great waste of hot water in shower rooms." Rather than have all the showers turned on at once for groups of men that varied in size, he suggested that each shower be individually controlled and time controlled for three of four minutes so that they would not run continuously when not in use. He pointed to commercially available systems which would perform this task. When a system was installed it was found that the consumption of hot water per man at Creighton decreased from 51 gallons to 14.9. On the basis of annual energy savings to the company George was awarded \$4,375.
- \$965** The flexibility of the exhaust hose of 252 and 198 scooptrams, **Len Venadam** of **Garson mine** noticed, was limited by the fact that the hose was welded at one end to the exhaust manifold and at the other to the PTX scrubber. He proposed using Donaldson muffler clamps to hold the hose in place rather than welds. Cracking of hose has been reduced as has been the downtime of scooptrams.
- \$680** **Martin Rupnik** of the anode casting department at the **Copper Cliff copper refinery** saw that lifting hooks made out of one inch round hook were bending often necessitating repairs. His labour and material saving idea was to fabricate the hooks from one inch plate instead.
- \$320** With the side wear plates on scoop tram buckets showing a tendency to bend, **Leo Burton** of the bucket shop at **Creighton**, came up with a means of reinforcing the plates to prevent bending. It resulted in labour and material savings.
- \$310** An idea that reduced dust conditions and saved labour costs was set forth by **Paul Bradley** of the **Copper Cliff smelter**. He suggested installing a wheeled buggy with a steel box fitted on top under the settling chamber screws. The box is fitted with hooks for easy removal of fallen dust by crane.
- \$260** **Laverne Pitzel**, an Inco pensioner formerly of the Copper Cliff smelter, received a cheque for \$260 for providing better access to grease fittings on the number four cottrell screws by recommending that the lines from the fittings be extended to floor level. This provided safer access and labour savings.
- \$150** A suggestion from **J.P. Leveillee** at **McCreehy West mine**, resulted in modifications to the air intake connections on two and three boom jumbo drills. The connections were made lighter by using a stem welded to the street elbow.
- \$150** **Wilf Legault** of **Garson mine** offered the idea to confine the wiring on certain drill rigs to a box. The wiring no longer exposed, there was a reduction in repairs to electrical systems, particularly those associated with dead batteries and short circuiting.

A magic week in March



Inco's Doug Stickles was in charge of the sound system at the Sudbury Arena during the entire week.

For the second time in 30 years Sudbury was host to the Labatt Brier, the premiere event in Canadian men's curling.

For one magic week in March thousands of visitors from across Canada received a taste of northern hospitality as they inundated the city to watch some of the finest curling on record.

The "Friendly Brier" as it was known, owed much of its success to the months of planning and hard work for hundreds of volunteers who worked behind the scenes. Among them were many Inco employees and pensioners.

The mood of the opening and closing ceremonies was established by the soul stirring music of the pipes and drums under the direction of Inco pensioner Pipe Major Sam Laderoute.



Opening ceremonies.

On Target

Success for Sandy Smeltzer, daughter of Clayton Smeltzer, support foreman in the casting building, is a matter of pulling a few strings ... bow strings, that is. You see Sandy is on the verge of developing into one of the best young archers in the nation.

Sandy's affair with the bow and arrow began almost accidentally three years ago while visiting her older brother David in Terrace Bay. He, as bow hunter who had commenced teaching archery to youngsters, let her take in a session. She says she was "just hacking around" with her bow when an official happened by and selected her and a few others to take part in a competition to select

representatives for the Canada Games. She hasn't looked back since.

In August, 1981 at the Canada Games in Thunder Bay she helped the Ontario team to a third place shooting in the cadet class. Then came the Canadian Championships nearly a year later, the competition she calls her "first real big" event. There was over 200 competitors in different age groups. "I thought it was pretty neat," she exclaims. "I couldn't believe all the shooters."

Asked what her expectations were in this national meet, Sandy replies, "I didn't expect to place. I thought I'd come in last." After practicing and some coaching, she was able to settle

down enough to win a gold and two silver medals in three events. Her last six arrows in the 30 meter event were all in the bullseye.

Concentration, coordination and strength are the main requirements for successful archers. Sandy has developed those qualities in herself through an involvement in sports from an early age. She has been bowling for nine years and playing ringette for six. She is a provincial class bowler who boasts an average of 198. In fact her and Dad have won the family twosome contest down at the alley six times in the last seven years.

Sandy's training consists mainly of shooting on a weekly basis with the Nickel Belt Bowmen. When preparing for competition with the Ontario team she attends training camps. Everyday she must also practice pulling and holding the string on her 35 pound bow (35 pounds refers to the amount of pressure a person must exert to hold the string once it has been pulled back). At one time she used to perform this task indoors with a loaded bow. Once she slipped and put an arrow through a wall. She still practices indoors, but without the arrow.

Currently in Grade 10 at Lockerby Composite School, Sandy, occasionally referred to as Robin Hood by classmates, intends to continue with archery. She is now gearing up for the national championships in Edmonton this



Sandy Smeltzer shows the form that brought her a gold and two silver medals at the national archery competition last summer

summer. When you mention representing Canada in international competition, she says, "Well, I don't think I'll get that far." This from the same girl who thought she would finish last in the nationals.

Jean Mainland, manager of Ontario's archery team in the Canada Games, calls Sandy one of the top archers in her age group in the country. Having been shooting for only three years, she thinks the Sudbury youngster will certainly get better with time. "She has a lot of potential," Jean states. And how far can she go? "As far as she wants to go; as long as she has the motivation," adds Jean.



Clayton Smeltzer and daughter Sandy exhibit some of the medals and trophies she has won in archery competitions over the last three years.

PEOPLE



Hockey oldies

Old time hockey fans will recognize the burly gentleman in the centre of this photograph as none other than George "Red" Horner, tough defenceman for the Toronto Maple Leafs throughout the 1930s. While visiting Copper Cliff in 1939 he stopped to chat with this adoring sextet of

young hockey stars from the local "Little N.H.L." Upon closer examination of the youthful visages in the photo you may recognize, from left, Tatter McClellan, Yacker Flynn, capital expenditure analyst, Hickory Cooney, electrician at the Frood-Stobie complex, Horner, Tom Gathercole, brother of Inco pensioner

Doug Gathercole, Ron Fraser, and Gordie Heale. Tatter, Yacker and Gordie went on to star for the Sudbury Wolves in the 1950s. Special thanks to Yacker for providing the Triangle with this interesting photo and risking the revelation of his true age.

First aid winners

In August of last year, Inco's provincial championship first aid team from the Copper Cliff copper refinery represented the Company at the North American first aid championships in Baltimore, Maryland. It marked the first time that the Company was represented at this prestigious event.

The team, consisting of Frank MacKinnon, Robert Fournier, Lori Dupuis, Austin Burns, Bill Dane and Norm Asselin, challenged the best from throughout the continent. Many of the teams they competed against were made up of paramedics who worked together daily and who had been together for many years.

Despite its relative inexperience in this level of competition, the copper refinery squad gave an excellent account of itself and placed fifth overall. Organizers of the competition, as well as many of the judges were impressed with the skill level of the team from Inco. Congratulations to the team for a job well done!

PEOPLE

Donation

For quite some time, members of the Dolphin Aquatic Club have been searching for a portable compressor, a machine the club uses to fill its divers' air tanks. After approaching Inco officials, the Company donated the compressor to the club.

Having converted the compressor to a gas driven type, the club intends to use it as a mobile unit. As members go about their historically significant dives for wrecked ships in the Great Lakes, they will not have to end a dive when the air tanks are depleted. The mobile compressor will permit them to refill their tanks on the spot and return to the deep almost immediately.



Admiring a compressor donated by Inco to the Dolphin Aquatic Club are club members, from left, Hans Dittmar, a maintenance foreman at Stobie mine, Lou Lachance, a rigger foreman at the Froid-Stobie Complex, Ted Ouwens, a material coordinator at Stobie mine, Bill Mawhinney, a mine foreman at Stobie mine, Gaits Bedard, a maintenance machanic first class in the central maintenance department and Larry Aubertin, a leader at the modified work center in Copper Cliff.

Science winners

The 14th annual Sudbury Regional Science Fair was held in April and dozens of the areas budding scientists displayed projects dealing with topics in the life sciences, physical sciences and engineering. Inco, represented by Dr. Mike Sopko, vice-president of milling, smelting and refining, sponsored \$100 in five categories.

The recipients of Inco awards were:

Terry Clouthier and Eli Orrantia of Nickel District Secondary School for "Hair-Bio-monitor of Environmental

Contaminants." Eli is the son of Art Orrantia, a plateworker in the plate shop.

Dave Scott-Thomas of Nickel District Secondary School for "Slip and Grip - Ski Waxes."

Piers Nash of St. Charles College for "Factors Affecting Drying of Laundry in the Winter."

Ray Roberts of Chelmsford High School for "Wave Energy."



Ken Plut, left, and Sean Murray, center, discuss their winning project on electro-magnetism with Sean's father, Brian Murray, a ventilation assistant at Froid mine and Dr. Mike Sopko, foreground, vice-president of milling smelting and refining.



Dr. Mike Sopko presents an award on behalf of Inco to Eli Orrantia co-producer of a project entitled "Hair - Biomonitor of Environment Contaminants." Eli's father, Art Orrantio, left, a plateworker in the Copper Cliff plate shop was also on hand for the presentation.

PEOPLE

Committee visits

Members of the Parliamentary Sub Committee on Acid Rain visited Inco's Sudbury operations in May to view first hand the company's progress in reducing sulphur dioxide emissions.

The committee members toured the Iron Ore Recovery Plant and sulphuric acid production facilities, the Copper Cliff smelter and the company's new pyrrhotite rejection circuit at the Copper Cliff mill.



Committee members from left, **Ron Irwin**, chairman and M.P. for Sault Ste. Marie; **Derek Blackburn**, M.P. for Brant; **Charlie Hews**, Inco Limited vice president; **Stan Darling**, M.P. for Parry Sound-Muskoka listen to **Marty Puro**, superintendent of the Copper Cliff mill describe the new pyrrhotite rejection process.

Sean Murray and Ken Plut of Churchill Public School for "Electro-Magnetism." Sean is the son of Brian Murray, a ventilation assistant at Frood mine.

Dave Scott-Thomas, Terry Clouthier, Eli Orrantia, Piers Nash along with Kathy Belyea and Kathy Rannie who presented a project on "Urban Wind Deflection" were



Sean Murray, left, and **Ken Plut**, right, of Churchill Public School accept the \$100 Inco award from **Dr. Mike Sopko** for their project on electro-magnetism.



Alex Gray, Inco gardener, left, offers some advice on plant care to **Bob Donaldson** during the recent Greening of Sudbury Display at the New Sudbury Shopping Centre.

Agriculture display

As part of its Greening of Sudbury Program the Regional Municipality of Sudbury sponsored a display in the New Sudbury Shopping Centre recently. Inco's agriculture department participated by erecting a display and offering the services of Alex Gray to

the general public. Alex offered "a word to the wise" on plant care to anyone who sought it that day.

A mining equipment show was held at Laurentian University in May that attracted the attention of mining equipment manufacturers and major mining companies. Manufacturers set up their displays on the campus to give prospective buyers a first hand view of their equipment and its capabilities.

selected to participate in the Canada Wide Science Fair.



A pair of buyers from Inco's purchasing department **John Ticalo**, perched behind the driver's wheel, and **Arnie Kallio**, right, listen to **Randy Size**, a representative of Jarvis-Clark, as he lists the benefits of this jumbo drill.

PEOPLE

Hockey champs

The 1982-83 edition of the Walden Green Devils capped off an outstanding by winning the Northern Ontario Hockey Association atom "A" championship in Kirkland Lake. Earlier in the season the Green Devils also captured championships in Nickel Centre and the Bon Soo Tournament in Sault Ste. Marie.



Pictured above with all their trophies are members of the Green Devils club: from row, from left, **Daryl Angus**, **Les Taylor** (coach), **Jeff Holmes**, **Jack McLaughlin**, **Sean Van Amburg**, **Helen Mossey** (manager), **Craig Gideon**; middle row, from left, **Shayne Tomlinson**, **Andrew Shore**, **Michael Dore**, **Drew Nesbitt** (stickboy), **Jason Neva**, **Neil Jacobson**, **Wayne Nebenionquit**; back row, **Paul Tomlinson** (assistant coach), **Brad Dever**, **Brian Seguin**, **Scott MacLenna**, **Jason Antonioni**, **Tom Collie**, **Fred Bucy** (trainer).
A total of 13 players on this squad are sons of Inco employees.

Inco Cup

Officials, coaches and competitors in the Inco Cup series wound up another successful season at the annual awards banquet in Sudbury recently. Youngsters from Sudbury, Sault Ste. Marie, North Bay, Espanola, Larder Lake and Timmins competed for the Inco Cup in a series of races held throughout the winter in Sault Ste. Marie, North Bay, Timmins and Sudbury.

This season skiers from Sudbury accumulated enough aggregate points to earn the team title. The best individual performers on the circuit were John and Jennifer Mealy, a brother and sister act from Sault Ste. Marie.

Gary Foy, a member of the Northern Ontario Ski Division executive and industrial relations area supervisor at the Copper Cliff smelter, describes the latest Inco Cup series as excellent. Each of the four

races attracted 75 to 80 competitors. The Inco Cup remains an important source of development for skiers in Northern Ontario. Evidence that it remains the "route of champions" came later in the winter when John Mealy went on to capture the Canadian Juvenile slalom and giant slalom championship in British Columbia.



Members of the Sudbury ski team, from left, **Eric Wohlberg**, **Robbie Coe** and **Darren Foy** hoist the Inco Cup team trophy victoriously during the recent Inco cup awards banquet.

Student miners

What better way to learn about a mine or a smelter than actually building one?

That's the approach the teaching staff at Levack Public School took when it came time for students to learn the mining segment of the curriculum. So over a year ago they started planning a school-wide mining project that would be highlighted by the construction models relevant to the mining industry in Sudbury by students.

Levack Public School principal Mickey Sandblum says the model building project called upon students to

draw on the services of their fathers who work in the local mines, mills and refineries. The students could only benefit from the expertise of their parents by gaining a better understanding for the subject matter.

During Education Week in April the products of student-parent collaboration were unveiled.

They featured everything from the geological formation of the Sudbury Basin to models of McCreedy West mine and mills and smelters. The experiment, in terms of a learning experience, was declared a success.



Shown with their "Rock House and Mill" project are, from left, **Steven Soulier**, 12, son of Gary Soulier of the maintenance construction department at South mine, **Lisa Luttrell**, 13, daughter of Ivan Luttrell, a diamond driller at Levack mine, and **Troy Otto**, 12, son of Tom Otto of the security and first aid department at McCreedy West mine.



Brian Mealy of Sault Ste. Marie, center, had plenty to be proud about as son **John**, left, and daughter **Jennifer**, right, swept individual honors in the 1983 edition of the Inco Cup.



IN TOUCH GOLF

Port Colborne Golfing Pensioners

Date: August 3, 1983

Place: Port Colborne Golf & Country Club

For more information contact
or

Les Lewis 834-6671
Elaine Arnold 834-3611

IN TOUCH GOLF

Sudbury Golfing Pensioners

Date: August 9, 1983

Place: Lively Golf and Country Club

Entry fee: \$7.00, includes meal and green fees

All entries must be received
no later than August 2, 1983

For more information phone Jim Bryson 675-8236

Entry forms available at
local golf clubs or send in
this one to:

Jim Bryson
630 Pine St.
Sudbury, Ont.
P3C 1Y8

Name

Address

Phone Number



Gustav Belanger

Gus Belanger was born not far from Ottawa, right at the Ontario-Quebec border, in 1919, but he was a baby when the family moved to Chelmsford where his dad farmed until 1920. They lived at Errington mine from 1920 to 1928 and have lived in Chelmsford since that time.



"When I was a kid I helped farm some of the land that our house is now built on," said Gus with a smile. "And do you know?" he added. "That way back in 1928, people told my dad that our house was right where the road from Chelmsford to Creighton was going." And now, some 65 years later, that road is about to become a reality.

"The farm I worked on was sold to the DVA in 1947," Gus explained. "So I went to work at Rheaume's grocery store in town for awhile. "I

quit school in 1933, during the depression, and do you know they were selling some of the good farms for taxes. I know one that went for only \$400 and you could pay that on time, but very few people had any money."

It was in 1951, with Charlie Lively still superintendent, that Gus started at Levack and he worked there until retirement. He well remembers men like Tom Parris, Mel Young and Wint Newman and says they were good men to work for. "I worked on production for 23 years and I liked mining very much," he said. The last few years Gus had worked as an underground serviceman.

In 1943, at Chelmsford, Dolores Guidon and Gus were married and they have a fine family of five children and eight grandchildren. Son Victor is in Toronto and their four daughters are: Diane, Mrs. Ronald Mainville; Yvonne, Mrs. Gerald Pearson; Denise, Mrs. Renaud Marquis, and Marie, Mrs. Denis Poirier.

The Belangers have had a summer place at Vermilion Lake for 39 years and she recalls that her father, brother and herself, each contributed \$5 a month to purchase the place. They have since added more property and now have 100 feet of shoreline.

Gus has a touch of angina and his wife has a respiratory problem but otherwise they are well. They like to walk, read and enjoy visits with and from their children who are all nearby. Gus was a school trustee at one time an involved in choir work too. In winter he likes to work in his basement and of course they have many friends in Chelmsford.

Ira "John" Steele

John Steele's face is a familiar one to many school kids from around Benny, Cartier, Onaping and Levack as he buses them to their schools at Chelmsford or Rayside each day.

Retired now from Levack on a special early service pension, John has been running a bus service for many years, at first taking the men into town from the mine and now he has two buses on the school route. "And I have some of the best and most reliable drivers," he stated.



A relatively young man, he was born in 1933, John enjoys his venture and if he wants to go away at any time, has other drivers to take over. Of course, they aren't all that free to go away for any lengthy period as Mrs. Steele is a legal secretary in Levack and who enjoys her work very much.

John was born at New Richmond, Quebec, near the Gaspé Peninsula on the family farm. His family moved to Coniston when he was a child and like his dad, John, Ira worked at Copper Cliff. He died in 1933 just shortly before John was born.

Before joining Inco in 1951, John worked for short periods at Falconbridge and at Gardner's Garage. His Inco career started in the furance department at Coniston, then he went to the transportation department where he was on the train hauling gravel at Levack. He went underground in 1956 working on production, and came to surface in 1970. "I must say that I liked mining," he declared.

It was at Coniston in 1955 that John and Geraldine Conlon were married. Her father Herb, was one of the men killed in that terrible bus-train collision at Coniston in 1951. The Steeles have three sons, all working in Medicine Hat. Douglas and John had worked earlier at Inco but Bert had not. Their daughter Ethel is at Cambrian College.

The Steeles have lived at Levack since 1955 and plan to stay. "It has been a good place to raise a family," they agreed. They have a fine summer home on an island in Windy Lake where they spend all summer and they are both involved in other activities around the town. Mrs. Steele is treasurer of the well known Huskies hockey team.

In excellent health they enjoy travel, friends and many other activities.

Ernest Robichaud

Ernie Robichaud has taken a disability pension from Stobie where he worked since joining the company in 1950.

Born on a farm near Digby, N.S. in 1928, Ernie grew up in that area and being one of a family of 12 knew what it was to be poor. His dad was a good cook and worked the bush in winter and looked after American tourists in season. When Ernie started to work he went to a saw mill and factory.

Inco was hiring on the east coast so he came to Sudbury but didn't weigh enough to get hired right away so he worked a short time for Fraser Brace before finally joining Inco in 1950. "I was a longhole driller most



of the time and I really liked mining," he said. "And I made some good money too. I worked for Bob Mitchell, Clare McAfee and Slim Levo among others." The last five years he had worked as a drill fitter.

A couple of years back he chipped a bone in his elbow and his right arm has never been the same so he decided to take a disability pension. Unfortunately Mrs. Robichaud suffered a severe stroke around that time and she is now confined most of the time to a wheelchair but remains surprisingly cheerful. "I'm doing some therapy at home and I think it is helping. And of course the children are a big help."

She was Fern Tremblay, ("yes, I have a brother named Fern too"), before their marriage in 1953. She is from Hanmer and they have three sons: Craig in Toronto, and Perry and Kevin still at school. Daughter Debbie is Mrs. Craig Honsberger of St. Catharines and they have one fine grandson. Ernie has a brother Ralph at Frood.

Their home is at Val Caron where they have lived 23 years. He plays the guitar, is a member of the K. of C. and at one time both of them were ardent hunters and fishermen. They now have a trailer which they park at some nearby location so they can get there easily and get in some fishing.

And despite their several physical problems, both Ernie and Fern have accepted their lot and rather than complain, are making the most of what they are still able to do.

Curtis Lamb

After 33 years with Inco, Curtis Lamb has taken an early service pension. He started in the smelter as a puncher in 1949. Later he became a skimmer. He came on staff in 1971 and was a process foreman until his retirement.

Born on a family farm in Franklin Center, Quebec Curtis held jobs in the textile industry, with Ontario Hydro and with a foundry before coming to Sudbury. He remarks that he originally had intended to stay here for six months before moving on to Vancouver. "I haven't seen it yet," he says. He did spend three months in Guatemala, though, during the start-up of Exmibal.

Curtis married Frances Jeffrey of North Bay in 1951. They have six children. Calvin is a graduate of the Laurentian University school of commerce. Timmy is a former Inco apprentice. Danny is employed with Neelon Castings. Robbie and Beth attend Sudbury High School. Jane is employed at the Taxation Data Center. There is one grandchild.

Curtis says his retirement has been good so far. He enjoys playing cards, walking and visiting "the guys." He is big on fishing, icefishing and moose hunting. Frances also likes fishing and occasionally pulls in a bigger trout than her husband. She also knits and crochets. The garden at their Minnow Lake home occupies much of their attention.



They have no intentions of leaving Sudbury now that Curtis is on pension. They may make a trip to Florida at some point. They also will continue their travels in Ontario and Quebec.

Kenneth Tuddenham

With his pleasant British accent still intact, Ken Tuddenham has retired on full service pension. He will be missed around the Copper Cliff area where he was a familiar face and friend to so many people. He joined the police there in 1956 and remained with that group when it was merged into the Plant Protection Department in 1971. For the last few years Ken had worked out of No. 1 first aid room.

"Funny thing about that," he recalled with his infectious grin. "About two years after I had joined the force, Reg MacNeil offered me a job as first aid man but I said I preferred to work outside. But the first aid room was where I ended up."



Ken was born in Robin Hood country, near Nottingham, England, in 1918. The town was a coal mining village, that suffered through the depression but our young friend got himself a job as fireman on the railroad and worked on many trains including the Royal Scot. "At one time I was on the longest hand-fired run in the world, 311 miles," Ken recalled with pride. That was before automatic stokers and the diesels and is an accomplishment that is better appreciated by other railroad men.

"I quit the railroad in 1944 and joined the police," Ken recalled. "And I was stationed just outside London. I enjoyed that, people had more respect for the 'Bobbies' then. Yes I wore a Bobbies' hat, very comfortable, and safe, and no, I never carried a gun," he said.

In 1956 he and his wife read an immigration ad in the paper and just picked up and left for Canada where they had one name of a friend of a relative. "But I had some good letters of recommendation from one of the very prominent men on my police beat, and that helped," he said.

They finally contacted the friend who was at Elliot Lake, and he told them to come to Sudbury, which they did and in short order Chief Runciman had added another constable to his force. "I worked for Adam Watson and got along well with everyone," Ken said.

Married to Florrie Liddle in London, England in 1939; he was a lodger at her grandmother's. They have two sons: Brian and Barry, both in Toronto. Their daughter Sharon is in Calgary and there are two granddaughters.

And of course another important member of the family is Miss T., their ten year old, miniature French poodle, who goes everywhere they do.

"We've always had a dog and love them," they agreed. "And she is good for us because at least three times a day we must go for a walk. I think more people know us from Miss T. because we are seldom out without her." She has been to Florida and other places with them and as for travel, Ken is satisfied to stay closer to home but he jokingly remarks that they would live in motels if his wife had her way. They have seen the east coast and plan to do the west also.

They have lived in Copper Cliff the last few years but earlier had lived for the most part in Sudbury. At one time they had a summer place on Manitoulin Island.

They like to garden and Ken is learning to needlepoint. A happy couple in good health, who obviously enjoy each other's company.

Gilbert Cote

Gil Cote was born at High Falls in 1928 when his dad was working for Fraser Brace building the power plant. In 1929 his father Alfred went to Port Colborne and the following year came to the copper refinery where he was a shop foreman, retiring in 1947. He died in 1962.

In his later years at the copper refinery Gil held the same job that his father had earlier - that of foreman.

Gil began his Inco career in 1947 in the shops at the copper refinery when Al Welblund was in charge. He worked there all his Inco years and was a foreman from 1967 on. "And it was a good place to work," he declared. "I worked on making moulds for some time and there was very little we couldn't do in our own shops." Before joining Inco in 1947 Gil had worked for a time in a local butcher shop.



In 1950 he and Eileen Houle were married in Sudbury. All four of their sons are working in the west: Richard, Marc and Robert in Kelowna, B.C., and Claude at Calgary. Their only daughter Paulette is Mrs. Steve Smith of Toronto and they have presented Gil and Eileen with a beautiful granddaughter. Eileen also has three brothers at Inco: Allan and Bobby at Frood, and Donald at the smelter. She has another brother Connie, well known locally in mining machinery circles.

The Cotes have lived at Val Therese for some 23 years and plan to stay there. They have a house trailer which is parked at Lake Manitou on Manitoulin Island and they spend most of their summers there. They both enjoy fishing and claim their lake is one of the best. Eileen is the most ardent of the two at fishing and she admits that cleaning and cooking their catch is not a chore as far as she is concerned.

They have travelled Canada from coast to coast and next winter may take a look at Texas. Gil likes to hunt

moose back of Capreol, and deer on Manitoulin Island. His favorite sport on TV is hockey.

They have an active social life and Eileen really enjoys cooking so guests are always welcome. "Cooking for two is no fun," she said.

Gil and Eileen are a happy couple who enjoy good health, good friends, many activities and each others company. Gil will be missed at the refinery where he was popular and he admits that he will miss it too.

Mike Shalatynski

Mike Shalatynski's dad William worked for the old Mond Nickel Company at Coniston and retired from Inco in 1958. He died in 1975. Mike was born at Coniston in 1923 and has lived there all his life as has his wife Emma Chezzi whom he married in 1951.

Before coming to Inco in 1941 Mike worked for a local construction firm and knew then he was cut out for carpentry, the job he worked at most of his life.

After a year with the track gang he moved to the Coniston smelter but left in 1942 to join the army. He served with the Irish Regiment until 1946 and was part of the British 8th army in Italy. He also saw action in France and Holland. He is a member of the Coniston branch of the Legion.

He had added to his carpenter skills while in the army and on his return joined the carpenters at Copper Cliff under Harold Bruce. Except for a period of seven years when he was locomotive engineer, he worked with the carpenters until his



recent retirement. He spent five years with the gang remodelling the general office and the last three years was in the carpenter shop office.

Mike and Emma have four daughters: Kathy whose husband Chris Simister is with instrumentation; Carol, Mrs. Roger Dubois; Wendy in Toronto, and Jennifer attending school at Marymount in Sudbury. There are three grandchildren.

A summer place on the West Arm of Lake Nipissing is where the family spend most of the fine weather. "Our camp is a big thing in our lives," they both agreed. Mike is a good gardener and his home on Caruso St. in Coniston is proof of that in summer. He does a little carpenter work for himself and they are both quite active in the local Club Allegri. Emma enjoys playing cards and Mike says that blackjack is her speciality.

They have made one trip to Florida and may go again but that doesn't have a big priority. Mike had some surgery recently and hopes that it won't interfere with his normal physical activities.

And after living in Coniston for 60 years, Mike wouldn't trade his location for anything. "I know everyone here; this is where most of my friends are," he said.

Edward "Ted" Thompson

Ted Thompson is a true Sudburian having been born here in 1921. "My father came over from Ireland in 1920 and got a job with the Copper Cliff Police Force," he recalled. He quit for a job with the Ontario government but was wiped out during Mitch Hepburn's rule of the province.

When Ted's dad died, his mother remarried and young Ted was raised on Manitoulin Island. "But I'm not a true hawewater", he added with his quick and ready smile.

In 1937, Ted hired on at Creighton (but he lied about his age, he was 16 at the time). They soon caught up with him but luckily he was moved to Copper Cliff.

He joined the navy in 1940 and was discharged in 1942 but when he returned to Inco he only weighed around 100 pounds so the company gave him a year's leave to put on some weight, and that he did.

"I drove truck for National Grocers and I soon put on some weight," he grinned.



Returning to Inco in 1945 he was sent to Froid and worked for Dave Lennie for a time. When he couldn't get a transfer he quit and rehired at Garson in 1950. (He was later credited with that service). He worked at Garson until his retirement on disability pension. "I was in a real freak accident when I was crusherman there," he explained "And finally lost part of my leg in 1981."

But that certainly hasn't dampened his enthusiasm or his activities. He is on the go more than ever now. Ted is a normally happy man and is not bothered by many things.

He was first married in 1958 to Audrey Rusk, she died in 1975. He has one son Tim in Barrie, and a daughter Bonnie in Welland. In 1982 he remarried, a widow, Mrs. Bernadette LaFlamme, whom he had known for some time. She has four children, 15 grandchildren and two great-grandchildren. Her son Bruce died in 1972; others in the family are: Raymond at Welland; Wayne in the plate shop at Copper Cliff, and Clarke at the Clarabelle mill.

The Thompsons have two trailers, a big one to park for the summer at a favorite lake and a small one to travel around with. They both like to fish and travel. A few years back they made a trip to B.C. for salmon fishing then went on south for the winter.

They have a big garden at their home and Ted is pretty handy around the house. They are both heavy into C.B. and are very active in the local C.B. club.

Onias Malley

"Everybody knows me as O'Malley", smiled this recent pensioner. "That's what they call me and that's the name I use." However, the records show his surname as Malley.

He was born in a small fishing village in New Brunswick where his dad was a fisherman. "We were poor," he recalled. "But we always had enough to eat. Lots of codfish and potatoes, and we had two apple trees in the back yard. We didn't seem to worry about citrus fruits or green vegetables then," he added. "We were a family of 14 but we managed."



O'Malley was hired for Inco at Moncton in 1948 and started to work in the then new separation plant in Copper Cliff. "I was in the matte processing plant for more than 33 years," he said. "And it was a good place to work." However, at age 61, O'Malley decided to take advantage of the early retirement offer and is quite happy and busy in his new lifestyle.

He married Rita Hebert at Sudbury in 1951 but unfortunately she died in 1973. They have nine children: sons Richard at Creighton; Robert in Elliott Lake; Dennis at home; Guy in school, and Gerry in Toronto. The four daughters are: Lisa in Toronto; Jacqueline, Mrs. Dan Sherwood also of Toronto, as is Michelle, and Nicole is Mrs. Rick Tranchemontaigne. To date there are 10 grandchildren.

O'Malley was in the army from 1941 to 1945 and saw considerable

service overseas in France, Belgium, Germany and Italy. He is still a member of the Legion but his activities now are in association with the Royal Order of the Moose. "I have lots of friends there and they have a good dance every Saturday night," he smiled.

He enjoys hunting and fishing and does some ice fishing with his sons, who have snowmobiles. And he still goes to John Creek each spring for speckled trout.

After living at Azilda for many years O'Malley now lives in an apartment in Sudbury with his sons. He enjoys travelling having visited Toronto and New Brunswick quite often. Next year he hopes to make a trip to the west coast.

In the meantime he is enjoying good health and his pleasure activities and each day walks downtown to the City Centre where he always meets some of his old work buddies.

Melvin Rivers

Mel Rivers was born on the family farm at Massey in 1920, one of 12 children. His first move away from the farm was to join the army in 1939 and he remained there until 1945. He saw plenty of action and was in the tragic Dieppe raid that ended so disastrously. "There weren't too many who returned from that," he said. When the war ended in Europe, Mel signed up to go east but the war ended there before he got into action.

After discharge he went to Toronto, then tried Inco in Sudbury but wasn't able to get hired so he worked at KVP for a number of years. He joined Inco at the copper refinery in 1948. "That's where I spent all my service," Mel said. "And it was a good place to work. I worked for a lot of managers from Russ Hewgill to Bill Buchanan." Mel was a furnaceman for many years but as he developed diabetes, was unable to continue. The last ten years he looked after the mail. "Fred Sheridan got that job for me," Mel explained. He retired recently on an early service pension.

The same year Mel started with Inco he married Grace Lees from nearby Walford. They met at a dance. They have four sons: Lawrence with Bell Canada in Sudbury; Harold also in Sudbury as is Kevin who is a plumber, and Darrell lives at Walford

and works at Rio Algom. Their daughter Sharon is married to Tom Brown of Sudbury and to date there are seven grandchildren.



Mel and his wife are very active members of St. Mark's United Church and they live nearby on Anthony St. "We've been here about 16 years," said Mel. "So I think we'll stay." On most holidays the family all gather there which pleases Mel and Grace.

They have done some travelling, seen the east coast and hope soon to see the west too. They bowl occasionally, enjoy walking and each others company and have just about enough to fill their new leisure hours nicely.

Joseph Nichol

Joe Nichol came to Sudbury in 1947 in answer to one of the many ads Inco had in newspapers at that time. His career with Inco lasted until he decided to take a special early service pension this year.

He was born in North Battleford, Saskatchewan in 1925. Joe's dad was with the railroad and Joe worked there a few times himself but it was not until after the war that he decided what he wanted to do.

Joe was with the RCNVR and after discharge went to a DVA school at Saskatoon to take a bookkeeping course which would later prove to be a useful thing when he joined Inco. After a very short time in the converters, working for Bill Nolan, he went to a job in the warehouse office and remained in the department until his retirement. "I had a little experience earlier at International

Harvester, so that helped too," Joe explained. He recalls working for Ralph Crouse, Bill Campbell and of course, Ginny Bertulli.

When the warehouse operation became computerized about ten years ago, some staff adjustments were made and Joe found himself working on what is referred to as, 'on the floor'. "I enjoyed it though," Joe readily admits with a grin. "And actually it was a blessing in disguise because it gave me the exercise I needed but was a little too lazy to take otherwise. And I can tell you that over the years I have met some of the most interesting characters both in the warehouse and plant."



Joe has remained single but he has enjoyed the luxury of his own home for some 25 years now. "I have a house just off Highway 69 in the Field St. area," he said. For the past 30 years Joe has been very active in St. Andrew's United Church and also with the Shriners. He hopes now to spend even more time giving of his service to these organizations.

Joe is an ardent reader whose favorite subject is world history. He enjoys travel and hopes to do more now that he has more free time. He readily offers the opinion that he has never regretted coming to work for Inco and that Sudbury, on balance, is a good place in which to live.

Mike Skoratko

Mike Skoratko, who has worked all his Inco years at Creighton, has decided to take advantage of the early service pension scheme and is now enjoying his new leisure in good health.

Born on a farm in western Ukraine in 1923, Mike was shipped off to Germany during the war and worked

on a farm there during and after the war. In 1948 he went to England and after a short stint in a coal mine he found work in a foundry until coming to Canada in 1951.

Mike put an ad in a Ukrainian paper and a cousin of his in Sudbury saw the ad and helped Mike come to Canada. "My cousin is Steve Bilyj; he worked at Creighton but is retired now," Mike said.

It was on 5600 level at Creighton that Mike worked in stopes and pillars and remembers men like Bob Browne, Archie Massey and Jack Pigott as great foremen. After 22 years in the stopes, Mike moved to the motor crews on 2800 level and later became level boss there, the job he held until his recent retirement.

"I liked working at Creighton," he said. "It was a good place to work and I worked with and for some real good guys."



It was while he was working in England that Mike met Anna Guzyhak, who was also from Ukraine. They were married at Sudbury in 1953 and have one son Robert, a geologist in Calgary.

Daughter Alice is Mrs. Claude Ferron, living in Noranda where her husband is also in mining. To date there are no grandchildren.

Mike and his wife live on Charlotte St. in Sudbury and plan to stay there. They have a large garden that both enjoy and Mike is very handy around the place; able to do most any repair job. He is an ardent fisherman and has been doing some ice fishing at nearby Lake Ramsey. He also gets in a bit of skiing.

Mrs. Skoratko has worked at the President Hotel in Sudbury for the past decade and she enjoys her work there. She and Mike made a trip back home in 1975 and may go again.



Wilfrid Monfette

Wilfrid Monfette was born in St. Adolphe, Quebec. He quit school at an early age to work with his father in a lumber camp. At the age of 16 he went to work in a stone quarry and a year later he started to drive a transport truck.

In 1947 Wilf came to Port Colborne with two friends that were returning to their jobs at Inco. He applied for a job and was soon hired at the Port Colborne nickel refinery. Three months later he quit to go sailing on the Great Lakes and it was not until June 1951 that he returned to Inco. He started in the yard gang and in 1956 became a motorlift driver in the shipping department, the job he held until his recent retirement.

In 1955 Wilf was married to the former Marianne Miller. He was married for 17 years and had two sons; Norman, works at Barber Hydraulics and Donald is a lifeguard at Centennial Pool. Wilf is very proud of his grandson.

After 32 years of service at the Port Colborne nickel refinery Wilf can slow down his lifestyle to a more leisurely pace. He likes to watch hockey and baseball on TV and often attends the minor league games. He also enjoys swimming at Nickel Beach and in a beautiful lake near the old homestead in Quebec. Wilf plans to do some travelling, visiting friends and relatives back home in Quebec several times each year. He has also been to Florida several times and plans to return. Wilf also enjoys country music and dancing.

"It is always easier to come to work when you work with a good bunch of guys, and I'm going to miss seeing them", he concluded.

Paul Charbonneau

Paul Charbonneau has retired on early service pension from Frood mine where he spent the major portion of his Inco years. In fact, he started at the Frood open pit in 1946 as a bulldozer and grader operator and later moved over to the machine shop at Frood. "Norm White was in charge then," he recalled.

Later he became a hoistman and worked at Creighton six shaft, Frood, Stobie cage hoist and Frood four shaft. "I was hoisting for about 18 year," Paul recalled.

In 1979 he went to the garage as a mechanic, having taken a diesel course after the war. For the last few years Paul looked after all the surface equipment at Frood from pettibones to lawnmowers. He enjoyed his work and says that men like Norm White, Dave Simon, Ray St. Pierre and George Passi were fine men to work for.



Born on the family farm at Blezard Valley in 1919, Paul's first job away from the farm was working for the Jodouin Ice Company and he helped cut ice from Lake Ramsey in winter and delivered it in summer. He was in the armed services from 1941 to 1946 and when he was discharged took a trade course in Hamilton which later served him well.

Paul and Anna Chartrand were married in 1941 and they still live in the house where she was born, which was then Draper St. but is now Notre Dame. They have six sons, and as Mrs. Charbonneau adds: "Six lovely daughters-in-law." Son Paul is in B.C., he had worked at Frood earlier; Roland operates a small meat freezing plant at Waterloo; both

Ronald and Norman work at the Frood-Stobie complex; Marcel is with the local LCBO and Denis is a mechanic in Sudbury. There are 13 grandchildren and at Christmas and Easter the Charbonneau home is always full of people, which they wouldn't have any other way.

A summer place on nearby McCharles Lake has been a favorite haven of theirs for more than 25 years. They have travelled Canada coast to coast, been twice to Florida and may go again. They go dancing once in a while, like to read. Mrs. Charbonneau wants to learn needlepoint.

In good health they are enjoying very much their new way of life and with family and friends nearby, are happy indeed.

Gerald "Gerry" Pollock

Gerry Pollock comes from an Inco family and married into another Inco family. His father, Alex, came to Canada around the turn of the century and worked at the old Whissel mine and at Crean Hill. He retired in 1938 and died in 1967.

Gerry's wife, the former Ellen Phillips, has two brothers, Jack and Reuben, who are Inco pensioners. Her father is also an Inco pensioner. Ellen and Gerry were married at All Peoples church in Sudbury in 1945 and they have a total of 11 children and 19 grandchildren. "I come from a family of 11 also," Gerry said.

Their family include Brent, who had worked at the warehouse in Copper Cliff but who died last year; Christopher at the South mine; Wayne at Matachewan; John working at the Big Nickel; and Michael still at school. There are six daughters: Debbie, Mrs. Dominic Mattiazzi of Sudbury; Susan, Mrs. Jack McGuire of Ottawa; Janice, Mrs. Ray Niemi of Copper Cliff; Sharron, married to Rick Stickles; Brenda, Mrs. Keith Charette and Leslie, Mrs. Joe Behan of Copper Cliff.

Gerry was born in Sudbury, on Kathleen St., in 1923. "Right next to College St. school," he recalled. He joined Inco at Garson in 1942 as a machinist apprentice but quit to join the army some eight months later. On his return he went to the copper refinery and later to the transportation department. He spent a couple of years with Charlie Brownlee's "Misfits", then to the plate shop and



finally to the locomotive shop with Charlie Cummings where he retired.

With such a large family, one naturally wonders if they can have get-togethers, without hiring a hall, and Mrs. Pollock says that a couple of times a year they all visit and while it is pretty hectic she enjoys the excitement. Gerry wasn't asked his opinion.

They enjoy living in Copper Cliff and consider it a very good place to raise a family. They bought a new van and hope to travel more. With a garden and plenty of sports to watch, Gerry is enjoying things. His back won't allow him to do many of the things he'd like to but he is philosophical about it and isn't one to complain.

Joseph Simon

Joe Simon has the distinction of being born at Callander, quite close to where the famous quints were born. Joe came along four years after they were born.

His father was an accomplished wood carver and many of his pieces depicted the lives of the quints. Joe has now taken a keen interest in this hobby and is hoping to have some of his father's works displayed when Science North opens.

Before joining Inco at Creighton in 1966 Joe worked one year for Inco exploration and liked being out in the open. He now has a 160 acre farm near Hagar with a fine stream running through it, with some trout there, and Joe raises a few chickens who produce some of the best brown shelled eggs.

Owing to an accident Joe suffered some years back, his knee is in bad

shape and he can't do as much physical work as he would like. "But I have good neighbours" he said. "And they help me cut wood and look after the place". His mother lives on a nearby farm.

At Creighton, Joe worked at many jobs both in stopes, pillars and on the level at five shaft and eight shaft. He has retired on a disability pension and has a special steel kneecap. "I think there is some nickel in the metal they used," he said.



Joe is still single, although he did consider marriage at one time. Will he ever marry? "Well I might if I could be sure of getting the right person. But that's not easy and if you find out after, it's too late then."

He likes to read and watches some television, particularly on nature subjects. At one time he ran a trap line back of Elliot Lake where he was flown in and left on his own resources. On one occasion he had to come out himself by canoe.

He still likes to fish but admits his stream doesn't give up many speckles.

Tranquillo Binotto

Frank Binotto was hired by Inco to work in the transportation department after he arrived in Canada in 1951. He worked there until his recent retirement on an early service pension.

Frank was born on the family farm in northern Italy in 1922. He served in Algeria during the war and was a prisoner of war for several years. He returned to Italy in 1948 but in 1951, a cousin in Canada, Erminio Franceschini arranged a visa for him and so he arrived in Halifax by boat and went on to Sudbury by train.

Frank was a trackman for most of his years at Inco and worked at most

of the plants in the Sudbury district. He enjoyed his work but admits that it could be pretty cold on the slag dump in winter.

Back in Italy Frank had known Giovannina Fornasier for some time, so as soon as he was established here he arranged for her to come to Canada in 1952. They were married two weeks after she arrived. She had an aunt in Minnow Lake at the time.

Their son John Peter works at Crosstown Olds in Sudbury, and daughter Anna Marie is a legal secretary in town. As yet there are no grandchildren.

Frank and his wife have lived on the Martindale Rd. for over 25 years and have a fine large garden there. He enjoys sports on TV and admits to being a soccer addict. Mrs. Binotto puts down most of her own vegetables and Frank makes a little wine.



They attend St. Patrick's Church and are obviously a couple who enjoy each other although Mrs. Binotto says, half jokingly, that she likes to be on her own and not have anyone bother her. But she is a most engaging lady with a ready smile and quick wit. They are both enjoying good health.

Alphonse Ouellette

Al Ouellette is a shining example to many of us who think we have problems and want to sit back and complain. Not Al. He lost his right leg below the knee some time back due to a circulation problem. He has an artificial limb and every day, in all weather, Al is out taking at least a couple of good walks. And on top of



that he is a diabetic who has to watch his diet and take his insulin shots daily. But he doesn't complain. He's just happy that these things are available for him.

Retired on a disability pension this year, Al spent all his Inco years at the smelter, first in the casting building, then the converters and the last few years he was a labour boss and blaster. "I worked for Frank Matte, Jack Lilley and Bud Feick, all good men. Frank Matte's wife comes from near our place at Walford," he said.

Al was born in Cutler in 1922 and left the family farm in 1941 to join the army. After discharge in 1946 he worked for the government at a munition dump at Halifax. "I thought it was a temporary job," he smiled. "But I stayed there eight years." He came to Sudbury in 1954, worked on construction a short while, then was hired with Inco in 1955.

It was while he was in the army that Al met his wife Audrey Langille, and they were married at Halifax in 1945. Their son Lloyd has his own business in Sudbury, and their two daughters are: Lynda, whose husband Ronald Pleuna works at Clarabelle mill, and Marilyn of Sudbury. Four grandchildren are a joy to Al and Audrey.

Al still bowls once a week and used to hunt and fish. He enjoys sports on TV and attends many baseball games in summer. "I used to watch the good fastball games at O'Connor Park too," he added.

Al and his wife are both familiar with the east coast and before too long they hope to take in the west coast also. And knowing Al, there is no doubt that the trip will be made..

John Grabowski

A native of Poland, John Grabowski arrived in Canada in 1946 following his discharge from the army. His first work was on a farm in Erin, near Guelph. Later he moved to Kapuskasing and a job with a pulp and paper firm. In 1950 he came to Sudbury and hired on with Inco.

John started at the Coniston smelter about the prospect of not having weekends off did not appeal to him so he transferred to the mines. He spent most of his 32 years with Inco working underground at the Frood-Stobie complex. He took an early pension that came into effect on January 1st.



It was during a visit to Poland that John met Janina Zimnoch. In 1963 they were married. They have three children. Joanna attends the University of Toronto on an Inco scholarship. John and Wendy are students at Lockerby Composite School.

John says that little by little he has become accustomed to the life of retirement. During the summer he is particularly busy working around the house and in the garden. Recently he has taken up fishing. He and Janina plan to wait until the kids finish school to see where they go and probably move to a home near them.

Jack Dennis

Jack Dennis originally broke in with Inco in 1940. His decision to join the air force soon after hiring on changed things. He served in Asia as a mechanic during the Second World War. After his discharge he opted for a career with what was then the



Department of Lands and Forest. In 1950 he decided to come back with Inco and he stayed until he took an early pension last year.

Jack spent two weeks on surface before transferring underground. The next 25 years he spent underground at Frood where he says he qualified for "99 per cent of the jobs." He drove tandem trucks on surface for the last eight years before retirement.

Jack married Perina Ricci of Espanola in 1952. They have three children: Richard; Pamela, who is Mrs. Gary Rowe; and Patricia, employed in the dietary department of the General Hospital. There are two grandchildren "with one on the way."

Now 60, Jack was thinking of the plight of younger workers when he took an early pension. "I thought of the younger lads that have a heavier commitment than I do," he explained. These days he cuts wood for the stove and works in the garden. His video cassette unit provides a lot of entertainment. For the last 38 years he has been a member of the Royal Canadian Legion and in that time he has never missed a parade.

The Dennis' describe themselves as "unrestricted and happy-go-lucky sorts". The key to retirement is enjoyment and he says they make a point of enjoying what they've got.

Alexander Sutherland

Alexander Sutherland has retired on a special early retirement pension from his jobs as a tumblast operator in the foundry additives plant at the Port Colborne nickel refinery. Alex was born in Ebbwvale, South Wales and came to Canada with his mother

when he was only five years old. His father had preceded them the previous year.

After attending McKay School, he worked at Dales Grocery Store, Humberstone Shoe, Atlas Steel, and at the Robin Hood flour mill before joining Inco in June 1951. He started in the anode department and then spent a year in the electrolytic nickel refinery department before transferring to number 2 building where he worked on the calciners for nearly 29 years. His last two years were spent in the FAP as a tumblast operator.

Alex was never married. "I was too footloose and fancy free when I was younger. I have to admit that I do have some regrets now, especially when I look at my nephews and think that I could have had children", he said. Alex still lives with his parents. His mother is 85 years old and his father 81.

Trying to keep the flower garden looking good and maintaining the house will occupy some of the extra time he will have on his hands. "I do enjoy a day at the horse race track. I am a light better, just enough to make it interesting. I enjoy the day out more than anything," Alex said. He would also like to try his hand at golf now that he has some extra time and he would also like to return to England to visit some of his relatives before too long.

"I worked with a good bunch of people and it makes it hard to decide to take a pension; but, when you get close to 60 years old you look forward to a few years of relaxing," he concluded.



Golden Wedding Anniversaries



John and Bertha Valiaho

It was way back on November 2, 1932, at the height of the depression, that John Valiaho and Bertha Nasi were wed at the Lutheran church in Copper Cliff, and in the ensuing 50 years they have enjoyed a very happy life together.

Like many other long time marriages, both John and Bertha agree that starting out with very little and coping with hard times does help contribute to a solid, lasting union.

Born in Finland in 1907, John came to Canada in 1926 and after a couple of winters in the bush was hired at Garson mine in 1928. Mr. Sharp was superintendent then he recalled. And it was at Garson that he met his wife who was working in the boarding house where he stayed.

John was laid off in 1931 but that didn't deter him from his plan to marry this attractive young lady (referring to his future wife). "I had a few dollars saved," he said with a

grin. "We lived in one big room and we only spent money for food. There was no unemployment insurance or welfare then, though I did get the odd day's work on the local roads."

John went back to work in 1933, this time to Creighton and that is where he stayed until retirement in 1969. For most of his years there he drove raises and drifts and during the last few years worked as a toolfitter.

John and his wife moved to Creighton in 1933. They lived in a rented house on Lake St. that cost them \$7 a month plus \$1 a month for power. In 1960 they built a comfortable home in the then relatively new area near Lively, where they still reside. A good-sized garden keeps John busy in summer but he is not too active in winter since he gave up ice fishing. Both he and Bertha are in good health and continue to enjoy each others company.

Their one son Arvo is a radiologist at the Memorial Hospital. Their three grandchildren are Martin, Elizabeth and Catherine. Arvo and his wife arranged a fine party for John and Bertha's 50th anniversary. About 80 friends came to a party at Arvo's home. Gifts of money and a beautiful quilt were among the presents received along with congratulatory messages from the Governor-General, Prime Minister, Premier and local politicians.

In reflecting back on their meeting, John said that when his wife came to Canada in 1930 she was on the last boatload of immigrants that was allowed in at that time, so he feels that they were destined to meet and marry. "And," he added with a smile. "we had a nine month honeymoon since I wasn't working but we didn't go anywhere, maybe once or twice to Sudbury. You took the train from Garson to Sudbury then," he said.

John and Bertha have made two trips back to Finland and have also toured much of California with son Arvo but they have no real desire to

go away in winter and are quite happy at home with each other and their many friends. "We used to have a camp at Black Lake," John said. "But we weren't using it much so we gave it to the kids."

A fine couple are John and Bertha Valiaho, and typical of the type of pioneer who helped make the Sudbury area great.

Gregory and Margaret Hryciw

Gregory Hryciw is better known as Harry to his many friends at Creighton and elsewhere in the Sudbury area. "That's what everybody calls me," he said with a smile.

And he has something else to smile and be happy about; he and Margaret Kowch have been happily married for 50 years and more. And both are looking forward to their 60th anniversary.



50th Anniversaries cont'd.

It was on January 22, 1933, at the height of the depression, that Harry and Margaret were married at Swan Plain, Saskatchewan, where Harry taught school for some 14 years. "I was getting \$250 a year plus a one room shack to live in," he recalled. "But we managed," they both said. "And while we had very little to start with, we believe that maybe a little hardship at the outset of a marriage helps to make it stronger, and to last."

Harry met Margaret through a cousin, in September 1932, and with the wedding some four months later you can see that this man knew a good thing when he was introduced to her. Harry recalled that he ordered a suit from Simpson's catalogue for \$15, a lot of money then. Margaret had a friend make up her wedding dress out of material she bought. There was enough material left over to make a tie for Harry. They bought two, 10 caret gold wedding bands for \$7. They both proudly still wear them 50 years later.

In 1946 the Hryciws came east and Harry was hired at Creighton where he worked underground for five years before moving to a job in the warehouse. He remained there until his retirement in 1976. They have lived in Sudbury since coming here and have enjoyed a comfortable home in the Minnow Lake area since 1950. Their son Darald is a general foreman at Copper Cliff who married Isabel Boyle, daughter of a former long time Inco man, Bill Boyle. Daughter, Love is Mrs. Dennis Fraser of Sudbury and there are four grandchildren.

Darald and Love arranged a big party at the their parents' church on Baker St. where earlier Harry and his bride renewed their vows. Better than 100 friends from many areas of Canada came for the occasion including Harry's twin sister from the west. They also received

congratulatory messages from the various political leaders including a bouquet from the City of Sudbury. On the practical side, their friends presented them with a new automatic washing machine. "And it was something we needed," smiled Mrs. Hryciw.

Harry and Margaret have been very happy together and during that half century have maintained a mutual respect and love for one another. And they both agree that in any successful marriage, a little give and take on both sides is a must. Having practiced this over the years their success speaks well for that advice.

Leo and Jeanne Dubeau

Leo Dubeau and Jeanne Forget went to school together and their courtship and affection for each other has continued to this day. They celebrated their 50th wedding anniversary on April 18 this year. It was on that date in 1933 that they were wed at Cache Bay. Leo was working at a lumber mill at the time and Jeanne was teaching at Lavigne and Verner.

"But we didn't have a honeymoon," said Mrs. Dubeau with a smile. "It was hard to get time off then and besides we didn't have much money." In fact the following year they were both out of work and trying to get by on a \$10 monthly voucher. But they both agree that their early hardships did help make their marriage a solid one.

Leo would work in the mill in summer and in the bush in winter. "That's what you did then if you

wanted to work," he explained. In the winter of 1938, when the mill shut down, Leo thought he might try Inco and was hired at Froid in short order. "I had been doing carpenter work," he said. "But they sent me underground and I guess I was better off. I made pretty good money in the stopes and pillars."



Leo worked at Froid for all of his 38 years. "I took an early service pension on the advice of my doctor. I was having some problem with my hearing," he said. Otherwise he is in good health, as is his wife Jeanne. They have plenty of time now to enjoy their comfortable home in New Sudbury, their family and friends.

Leo and Jeanne have two daughters: Armande, Mrs. Rheal Perron of Asterville, and Jocelyne, Mrs. Ken Risdale. There are six grandchildren.

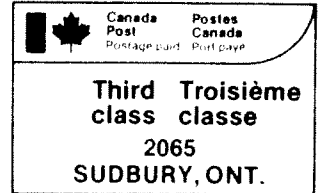
Family and friends honoured the couple at a wine and cheese party at St. Andrew the Apostle church. Among the many gifts they received was a unique rocking chair from their many friends on the street, a toaster oven and money from family, and several gold commemorative plaques.

They were also honoured by the Pope and the major political figures and received cards and congratulations from many friends.

Leo and Jeanne are a very happy couple and both admit they have had a good life together. "Life has its ups and downs," said Mrs. Dubeau. "But that's what living is all about."

Pensioners' IN MEMORIAM

Name	Age	Died	Service	Name	Age	Died	Service
Bennett , Charles R.	74	February 26	37	Martin , James R.	58	April 28	24
Bilows , George	82	February 22	31	Martin , Ken J.	74	February 12	19
Blair , Vernon J.	67	January 22	36	Martin , R. Lloyd	84	March 3	45
Bouchard , Armand E.	57	May 7	21	Mazzuchin , Pietro	65	April 7	33
Bradley , Philip J.	78	April 18	28	McLaughlin , William J.	83	April 23	38
Burns , William M.	87	March 12	38	Moore , John R.	58	February 23	31
Campbell , William F.	69	March 18	39	Morden , Patrick J.	68	April 18	29
Cashmore , Allan	77	March 25	39	Munro , Hugh	81	January 25	28
Chyz , Sam	74	February 4	39	Netzke , Walter H.	55	December 28	35
Czechowski , Sygmund	72	February 21	19	Pabisz , Tadeusz	69	February 21	26
Delorme , Michael	84	March 7	20	Palla , Aldo	70	April 9	24
Demkiw , Albert J.	60	January 20	16	Paradis , Lionel	74	April 12	26
Depencier , Archibald	59	April 7	27	Plos , Guido	65	April 9	29
Duncan , Ronald	68	April 9	40	Rigler , John	86	March 28	20
Erickson , Alvin M.	59	January 29	35	Rose , John	61	March 12	31
Gatien , Omer	94	April 3	48	Rose , John D.	40	February 13	11
Germain , Andrew A.	63	February 20	18	Rusin , Joseph	86	March 1	23
Gesiorowski , Joseph	71	March 16	25	Sarazin , David	81	March 13	22
Heikkila , Esa	67	February 18	25	Schnakenberg , Dietrich	48	February 19	12
Henry , Gordon	69	January 18	42	Sheehan , Andrew J.	67	February 19	38
Humphries , William	82	March 25	32	Smukavic , Ignac	81	March 30	28
Jelly , James S.	68	February 3	23	Sottile , Salvatore	88	January 26	21
Johnson , John H.	74	April 10	23	Stavang , SHjalmar	82	March 23	36
Kolomyjec , Michal	56	May 5	32	Storms , Okley	83	February 6	29
Laituri , Matti	75	April 29	18	Thyne , Denis	66	April 23	44
Lanovaz , Raymond H.	61	February 2	34	Truman , Lawrence	61	March 25	29
Larocque , Victor	43	April 13	17	Vanier , Alde J.	83	February 19	26
Laurin , Cyril	49	March 22	31	Violette , Joseph R.	67	February 17	35
Luukko , Antti	83	May 2	25	Woito , Norman R.	52	March 1	22
MacNeill , Samuel	71	April 23	38	Yergeau , Paul E.	60	January 15	29
Martel , Oscar	80	May 5	29				



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