

INCO TRIANGLE



MAY 1972

The men who'll direct Inco's future



L. Edward Grubb



Albert P. Gagnebin



James C. Parlee



J. Edwin Carter



Dr. William Steven



Shane MacKay



Dr. Charles E. O'Neill



Ronald R. Taylor



Harold R. Hiser, Jr.

L. Edward Grubb was elected president and chief officer of The International Nickel Company of Canada, Limited, following the annual organization meeting of the Board of Directors. Albert P. Gagnebin was elected chairman of the board and of the executive committee and James C. Parlee, vice chairman.

J. Edwin Carter has been elected executive vice president of the company and Dr. William Steven, senior vice president. Three officers were newly elected as vice presidents: Shane MacKay, Dr. Charles E. O'Neill and Ronald R. Taylor. Harold R. Hiser, Jr. was elected treasurer.

Mr. Grubb, formerly chairman of International Nickel Limited, the company's United Kingdom subsidiary, transferred to Toronto in January 1971, when he was elected a director and became executive vice president of the parent company. Joining International Nickel in 1934, he has had major responsibilities in operations and labor relations, and for primary nickel and mill products commercial activities in the United States. He moved to the United Kingdom in 1964 where he was also chairman of Henry Wiggin & Company, Limited, Inco's rolling mill subsidiary at Hereford.

Mr. Gagnebin, chairman, has been with International Nickel since 1932, having joined the company's research staff at its product research laboratory in the United States. Co-inventor of ductile iron, he transferred to the New York office in 1949 to establish a group for the commercial development of this material. Subsequently, he was manager of the company's nickel sales department. He was elected a vice president of the U.S. subsidiary in 1958 and a vice president of the parent company in 1960. Mr. Gagnebin was elected a director of the parent company in 1965 and president and member of the executive committee in 1967.

Mr. Parlee, vice chairman, joined the company at Sudbury in 1933 and has been its senior executive vice president since 1967, as well as a director since 1965. He was largely responsible for the development and construction of Inco's Thompson mines, plants and townsites during the late 1950s and early 1960s.

Mr. Carter, executive vice president, joined Inco in 1937 as a metallurgist at the company's Huntington, W. Va., rolling mill. He has been vice president of the parent company and executive vice president of the company's United States subsidiary since March 1971 and prior to that was president of Huntington Alloy Products Division.

Dr. Steven, senior vice president, joined the company in the United Kingdom in 1947, trans-

ferring to the United States in 1959 as director of product research. He has been vice president of the parent company in Canada since 1968. He will have over-all responsibility for the company's technical affairs and resource development.

Mr. MacKay, vice president, joined International Nickel in Toronto in 1967 as director of public affairs and has been assistant vice president since 1969. He will be responsible for the company's public affairs programs.

Dr. O'Neill, vice president, who earlier was director of the company's J. Roy Gordon Research Laboratory at Sheridan Park, has been with Inco since 1958 and has been an assistant vice president since 1969. He will be in overall charge of the company's process research and process technology.

Ronald R. Taylor, vice president, who recently became director of operations, was previously director of exploration. He first joined the company at Sudbury in 1948. He will be responsible for co-ordination of production operations.

Harold R. Hiser, Jr., treasurer, joined Inco in 1965 and has been treasurer of the company's British subsidiary since 1967.

Three named presidents



John McCreedy



Kenneth H. J. Clarke



Donald E. Munn

Three new division presidents have been elected by the company to head Ontario and Manitoba operations, and Canadian marketing. L. Edward Grubb, president and chief officer announced.

John McCreedy, in addition to being vice president of the company, becomes president of the Ontario Division; Donald E. Munn becomes president of the Manitoba Division; and K. H. J. Clarke, president of the Canadian Marketing Division.

Mr. McCreedy, a former NHL hockey player, joined Inco after graduating from the University of Toronto in 1949. After rising to the position of superintendent of mines in the Sudbury District, he was named general manager of the Manitoba Division at Thompson in 1967 and of the Ontario Division in 1970. He was elected a vice president of the company in February, 1970.

Mr. Munn joined Inco at Copper Cliff in 1938, interrupting his service to attend Queen's University from which he graduated in 1950. He transferred to the Manitoba Division in 1960 and in 1970 became its general manager.

Mr. Clarke, who joined the company in 1936, has been in charge of Canadian sales and marketing since 1957. He is also president of the company's subsidiary, International Sales Limited.

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Ontario Division.

This month's cover

Copper Cliff Public School paid their annual visit to Lucien Despatie's sugar-bush last month. They obviously enjoyed themselves. A dryman at Frood, Lucien has 200 acres just south of Hanmer where he and his wife Alice regularly entertain large groups of kids. Cover design: Orest Andrews.

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EDITORIAL

ON BICYCLES

The number of Ontario children killed while riding their bikes has doubled in recent years. The number injured has also increased proportionately. Motorists can do much to prevent these tragedies.

Most youngsters are taught the rules of bicycle safety in school. But kids will be kids. When they're having fun they easily forget the rules. How many times have you as a motorist met cyclists riding on the **wrong** side of the road or without lights at night? Too many times probably. So it's up to you as an adult to help protect them.

Be careful when passing youngsters on bikes. Be prepared to stop if they suddenly veer into the path of your car. Watch for bikes moving out from between parked cars. If several children are riding side by side and blocking the road, touch your horn **gently**. An angry blast can startle a child and cause a collision.

Parents, your child's safety is your responsibility. You bought them the bike. So it's up to you to make sure they know how to ride safely. Remember a bicycle is a vehicle too. So teach your children to obey the same traffic laws as you do.



Good neighbours, that's what Ron and Yolande Belisle are in their community of Markstay, where both were born and married. Ron is a stope driller on 32 level of Garson Mine. When he's not working for Inco, he's assistant district commissioner for eastern division of Cubs and Scouts, a member of the council for Hager Township, and a volunteer fireman for the township. Yolande is the Akela for 1st Markstay Cubs and operates a rural route mail delivery for the post office. In the summer, Caroline, 7, Robin, 10, and Micheline, 11, will join their parents for camping trips in their tent trailer.



Shift planter Edwin Staples' service at the Port Colborne Nickel Refinery started in 1955. Besides raising the family, his wife, Barbara is a registered nursing assistant. Much of Edwin's spare time lately has been spent in re-modelling the house as the family increased. Now that he has purchased a new tent trailer, however, he intends to camp this summer and has planned visits to Collingwood and other Ontario points, which he'll combine with his hobby, photography. Completing the family group are Danny, 9 months, Shannon, 7, Shawn, 13, Maureen, 16, Erin, 10, and Brendan, 3.

FAMILY ALBUM



Gilbert Roy and his family can't help but focus their attention on petite Colette who is just two months old. The proud "big" brother is four-year-old Michael. Gilbert started at the Coniston Smelter in 1967, but transferred to the Copper Cliff warehouse as a storeman a few months later. This was the same year that he married Claire Schroeder of Sudbury. "Gilligan", as his mates know him best, was born in Montreal and he plans to visit his relatives there this summer.



Count heads and you'll see there are seven young voices to greet driller Wendell McInnis when he returns home from Frood Mine. Wendell and his wife Millie are Prince Edward Islanders — he from Summerside, she from Charlottetown. Youngsters in the back row are Barbara, 6, Theresa, 8, Allan, 11, and Wayne, 9. Up front are Edward, 6, Robert, 4, and the little doll who was so good during the photography — 17-month-old Pamela. Besides his role as a sublieutenant with the Sudbury Navy League Cadet Corps, Wendell enjoys golfing at Lively.

Copper Cliff's Junior Gymnasts

Show Style



Take 100 young girls, aged 4 to 14, throw in some youthful enthusiasm and interest in athletics, and then add some volunteer instructors, and you have the ingredients that make up the Copper Cliff Gymnastics Club.

Formed in January as a community project by Marion Bacon, Copper Cliff High School's physical education teacher, and some of her high school gymnasts, the club has graduated from well-used borrowed equipment to owning its own first-class mats, balance beam, and uneven bars.

The R. L. Beattie branch of the Royal Canadian Legion donated the funds to purchase the mats, while the rest of the equipment has been purchased from donations from the town and from interested parents.

Asked why she formed the club, Marion Bacon answered that she felt it was high time there was something in the town for girls to do. "There's lots of activities aimed at boys," she said, "but not much for girls."

But while the organizers saw the club as being mostly recreational, Marion pointed out that she's also hoping to start developing gymnastic competitors while they're young.

"We're just starting gymnastics

in the north," she said. "There're lots of big clubs in the south. If we want to produce Olympic-calibre competitors, we've got to start young."

Marion speaks from experience, too. Her 50-member high school club has walked off with most of the trophies in the Sudbury district and northern Ontario, and four of them will be representing the Nickel District in the all-Ontario gymnastic meet later this year.

Besides needed exercise for young growing bodies, Mrs. Bacon maintains that gymnastics helps develop grace, muscle coordination, and improves posture and femininity. Her experience has been that success at gymnastics also helps young girls socially by building up their confidence.

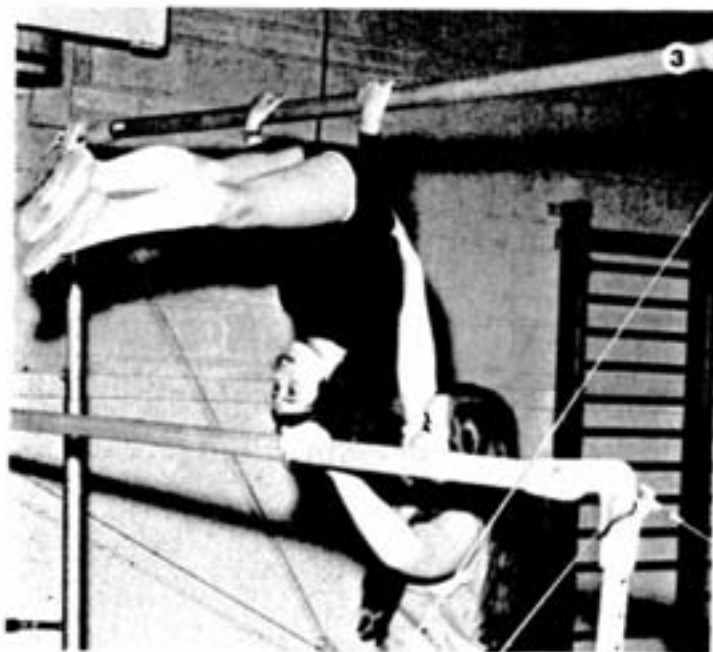
Besides training in gymnastics, the club dabbles in dance instruction. They are handicapped somewhat since they cannot afford a professional dance instructor, but high school student Denise Vitali leads the youngsters in ballet, and modern dance routines.

Besides the gap in dance, Mrs. Bacon said the club desperately needs a vaulting horse. Lack of funds presently prevents them

Little Allison Taylor concentrates hard as she does a deep lunge on the 4-inch balance beam. Gymnastic classes are held Monday to Thursday afternoons, starting at 4 p.m. in the basement of St. Stanislaus Church.

Who says the hoola hoop is dead? — Not Elizabeth Bryant. Hoola hoops, medicine balls, and tumbling are used to introduce the youngsters to gymnastic routines and to put them in shape for the harder manoeuvres.





purchasing the piece of equipment this year, but she hopes it can be added in 1973.

She'd also like to include boys in her classes, but that innovation will have to await an interested instructor.

In the five months the club has been in existence, competition as an end objective has been somewhat de-emphasized. This is because the kids get such satisfaction out of what they're doing we don't want to spoil their fun, said Brenda Palmer, the high school's library technician and another instructor. "They're so keen, we can't even get them to go home at night when the classes are over," she said.

"But," Marion Bacon added, "some kids here really have potential if they can get the instruction and keep up their interest. Oh, there's gymnastic talent in Copper Cliff alright," she said, "and we hope to develop it and channel it properly through our new club."



Marion Bacon



Brenda Palmer

1. Tory Burnham demonstrates "Japanese side splits" on the balance beam. High school student Jocelyn Soulliere spots her and gives her advice.

2. These kids are having fun! Hair flying, legs and arms grasping handholds, they know no fear.

3. Over she goes! Gina Santi starts a thigh pivot, roughly similar to skin-the-cat, on the uneven bars. Her instructor, high school student Terri Denomme, spots for her.



Limbering up before each class is important. Here, Jeanne Tessier gets some help from Denise Vitail. Other volunteer instructors are: Laurie Livingstone, Diane Carter, Susan Nickle, and Debbie Zanetti.



Frank Homer: this artist has natural ability.



Levack artists show off

Who says small towns have to take second place to larger centres when it comes to culture? Certainly not the members of the Levack-Onaping Arts & Crafts Club. Their annual spring exhibition boasted 93 works by 18 of the club's most active members, as well as a strong showing by over 60 pupils from Levack Public School, Levack High School and Lindsley Public School.

Also on display was the Fifth Graphics Exhibition of the Northern Ontario Art Association. This exhibition tours most northern Ontario centres and two members from the Levack-Onaping club had works accepted. Charlotte Raney's "The Homestead" won the Edna Hosking Memorial

Award, and Helen White's "Nocturnal Artist" was also part of the showing.

Well-known amateur painter, Frank Homer of Copper Cliff, visited the exhibition and commented that "the club's work, as a whole, has improved considerably. They're consciously seeking a variety of instruction and it's beginning to show."

Charlotte Raney's print "Fall In!", which shows a group of Penguins, was his favorite from the exhibition. Frank said "It shows excellent composition and workmanship. It's in the professional class." He was fascinated by the Penguins' eyes, which are looking in different directions. "The whole print shows a great deal of thought," he said, "she has a great deal of natural ability."

Mary Mallette's Clown #1 was "very good". It was done in Conte, or chalk. "It's a most interesting freehand interpretation of the subject. Anyone would have been proud to have accomplished it," Frank said. "The clown looks like a clown should," he added.

Helen White's "God's Little Acre", which won first prize for oils in the Northern Ontario Art Association's fall show, was also on display. It shows a farm near Levack and is done in what Frank calls "primitive" style. Frank also liked her work "Along Highway 144", a typical fall scene. "She's a very honest painter," he said, "she puts everything into her paintings. Her trees and foliage have lots of color and body."

"Alberta Farm", an oil painting by Mary Nowak, was done following a trip out west. "It's almost impressionistic, except for the horses and buildings." The

composition and tone were just right, and "there's so much light, you'd swear you were out in the blazing sun on the farm. That painting is alive with heat."

Two portraits of high school and public school art instructor Ms. Sandra Kehler were on display. Marcia Godard used chalk to portray her teacher, while Pat Duncan's pencil sketch was "very original and showed natural ability," according to Frank.

"The club should be commended for encouraging young people," he continued. "The kids' originality often shows up against adults. They'll try anything," he said. "Their spontaneity is hard for an adult to do."

Rita Yanda, who also had 12 paintings on display, produced the exhibition program. Besides designing the club crest, she individually silkscreened it onto 165 program covers.



New clubhouse opens this month.

Mary Silko

Lively is where it's at

It's the new clubhouse for the Lively Golf and Country Club. There have been ups and quite literally downs in the history of the Club. Ironically, an "Act of God" in the form of a forest fire originally started the golf course and was followed, a number of years later, by another "Act" which tried to destroy it.

When a forest fire threatened a number of homes that now border the course, a fire break was made as a protective barrier and later grass was planted starting the first par three, nine-hole course. The fairways have since been extended, and a number of holes moved, resulting in the present par 33 nine holes. Two years ago the clubhouse purchased from the Idylwyld, was carried away by the storm that hit the area. It was a discouraging

sight to see trees uprooted and debris coating the fairways. It didn't take long, though, to get clean-up parties rolling and to put up temporary quarters.

Many improvements were made to the course last summer and it now has a \$90,000 two-storey clubhouse that certainly bears boasting. The building's many facilities will serve the 550 men, women, and junior members.

The upper portion houses a dance hall that comfortably accommodates 200 people. A balcony runs off the dance floor and provides a magnificent view of the third hole and surrounding area. The lower level has a lunch area where members and green fee players will be able to enjoy a warm meal.



Ms. Sandra Kehler and students' drawings of her.

Quarter Century Club's Class of '72 feted over 3 nights

The Quarter Century Club grows this year more than in any other year in its history. Over 700 new members will be joining its ranks.

In order to accommodate such a large number, it's been necessary to arrange this year's meeting a little differently. In all, the staging of this year's annual "do" will be spread over three nights: June 12, 13 and 15.

On the first two nights, dinner will be served to the new members at the Italian Club in Copper Cliff. The Rick Wilson Trio, a local group, will provide background music both nights as well as accompanying the main acts.

On June 12, the featured act will be Cy Leonard, a comedian and ventriloquist who will be recognized for his appearances on Molson's commercials.

Les Barker will be featured on June 13. Les is known around the world as a master

comedian, artist and caricaturist.

A full show has been lined up for a night of exciting entertainment on June 15. Both old members and new, together with pensioners, will gather at the Sudbury arena. An invitation will also be extended to club members' and pensioners' wives this year.

Rolly Hammond will act as both entertainer and master of ceremonies. As well as Rolly's impersonations, sound effects and jokes, seven other top-notch acts will be on hand. Ellis McLintock's orchestra will feature Wally Koster for vocals as well as on the trombone. The group will provide music preceding, during and immediately after the show. The Reeds, an instrumental novelty act well known to Sudbury, will be appearing. Marie André, a bilingual songstress, will perform in both languages. Canada's famous folk group, The Travellers,

Fast talking Rolly Hammond will be the emcee.

will be providing their own unique brand of music. Magic and illusions will be presented by Henning and Mars and Tom Powell will round out the show with his unique pickpocket comedy act.



She's beautiful, bilingual and ... Marie André will be looking for volunteers to sing.



Canada's incomparable Travellers are known all over the world. You'll just have to sing-a-long and clap your hands to their folksy numbers.



Don't look now but Dr. Tom Powell has just picked your pocket.



Les Lewis

Two-wheeled racing is in Jimmy's blood

Cycling is "IN". It's no longer just a means of transportation: now it's a recreational pastime and sport for millions of Canadians. In fact, there are over 60 million bicycles in the United States and six million in Canada.

Jimmy Mattiazzo can pedal up to 40 mph. on a level roadway.

The Canadian Cycling Association, formed in 1882 and claiming to be the oldest continuous sporting body in Canada, is the controlling organization for bicycle racing in this country. There are 24 affiliated clubs in Ontario and 61 events are included in the road racing calendar this year.

Furnaceman Jimmy Mattiazzo of the Port Colborne Nickel Refinery is an enthusiastic member of this association. He belongs to the Velo Cycling Club of Hamilton and last year competed in 30 races, ranging from 65 to 90 miles each. He was successful in winning five of them.

Jimmy prefers racing on indoor tracks for protection from bad weather, but unlike Europe and the United States, there are no indoor tracks in Ontario. (There have been indoor bicycle races in Montreal).

Jimmy started racing in his native Italy but dropped out of the sport when he moved to Canada and joined Inco almost 13 years ago. He raced for eight years in Europe and was a consistent winner.

He purchased his most recent racing bike last summer and started entering Canadian competitions in July.

Bicycle racing differs from auto races and track and field. There are no pit stops for rest or repairs in a bicycle race. And the only refreshment a racer gets is the occasional bucket of water thrown in his face. Jimmy says that cyclists can't afford to pace themselves in a race. They just try to keep going as fast as possible and stay ahead of the rest of their opponents.

Jimmy's bike weighs only 16 pounds but is worth over \$350. He says the exertion of racing usually costs him 20 pounds off his normal weight of 190 pounds.

Bruno Favaro is his trainer and sets up a rigorous training schedule summer and winter for Jimmy. Keeping fit and in shape now takes up most of Jimmy's spare time. Ninety miles per day on a training trip is common in the summer, and he practised for two hours each day on a stationary bike set up in his home during the winter. Bruno accompanies Jimmy to all the races and leads the cheering section for him. The dynamic duo are now trying to organize a cycling club in Port Colborne.

Bikes and autos share the streets — drive safely



Always obey traffic signs and signals.



Riding two on a bicycle causes accidents.



At night have proper lights and reflectors.



Always slow down and signal before you turn.



Ride close to the right side of the road.



Ride single file and never close behind vehicles.



Never "hitch" onto a moving vehicle.



Park your bicycle upright, in a proper place.



It's dangerous to weave, or turn suddenly.



Never dart in and out of traffic.



Keep out of car tracks and ruts.



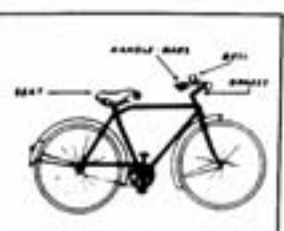
Never ride "no hands", or race in traffic.



Do not pass moving vehicles at intersections.



Always be sure to stop at intersections.



Keep bell, brakes, seat and handle bars adjusted.

Courtesy
Canadian Imperial
Bank of Commerce

\$2,750 richer from his idea

Sixty-three-year-old Valaire Bri-deau, a maintenance mechanic leader in the Copper Cliff concentrator, is \$2,750 (less tax) richer. He was awarded the largest amount ever won under the company's suggestion plan last month. John McCreedy, president of the Ontario Division, presented Valaire with the cheque.

His winning suggestion was to reclaim worn-out heavy-duty pump sleeves for use on another model.

Pump sleeves connect the shaft of the driving motor with the impeller shaft of the pump. Valaire recommended that sleeves from a heavy-duty pump, discarded because of wear on one end, be cut and fitted to a standard duty pump. A trial proved that this sleeve lasted

considerably longer than the normal mild steel sleeve used on the smaller pumps, and could thereby decrease labor and materials cost.

Both the Copper Cliff and Frood-Stobie concentrators will benefit from Valaire's suggestion. Jointly, they use 19 of the standard duty pumps, and 12 of the heavy duty pumps from which discarded sleeves will be reclaimed.

Valaire joined Inco in 1935 and became a Quarter Century Club member in 1960. He started in 1935 as a reverberator fitter in the smelter, becoming a carpenter in 1941. He transferred to the concentrator in 1943 as a maintenance mechanic, leader "B". Today he is a maintenance mechanic, "A" leader there.



Val Brédeau looks happy as he leans on the inspiration for his idea which won him \$2,750 from the company's Suggestion Plan.

Valaire and his wife, Agnes, had any plans for the "loot", and their three children live in Sudbury. Valaire replied: "No plans at all yet. It's safe in a bank."

Port wins long-distance chess game

The Port Colborne Nickel Refinery Chess Club, in probably the one and only tournament of its kind in the company, defeated a team from the Copper Cliff engineering department in a two game series in which all the moves were made long distance, thanks to Telex. The games lasted for nearly three months in which 18 to 19 moves were made in each game. Each team spent many hours deciding on the most challenging moves. According to Port team captain Peter Bunjevac, Copper Cliff gave up with no chance to win either game. Their only hope was to obtain a draw in game No. 1 but Port won the second game when Copper Cliff threw in the towel. The victorious Port team was composed of Peter Bunjevac, Ivan Cunjak, Mathew Layko, Martin Vorstenbosch and Peter Werenko. Practically all of the Port team are members of and rated in the Canadian Chess Federation with Peter Bunjevac and Martin Vorstenbosch also members of the United States Chess Federation.



Peter Bunjevac, Port's chess team captain, looks over the shoulder of pretty Telex operator, Sandra Maronski, as another move from Copper Cliff was received. Peter is an anode department floorman at Port Colborne Nickel Refinery.

April suggestion plan winners

Listed below are all the suggestion plan award winners for April. Each month the Triangle will publish a list of winners and the suggestions they made to win their awards.

Starting this month, the FBR Extension and Coleman Mine are included in the areas eligible for awards under the company's Suggestion Plan system.

| Name | Location | Subject | Award |
|---------------|---|---|----------|
| V. Brédeau | C.C. Mill | Salvage pump shaft sleeves | \$2,750 |
| M. A. Steinke | C.C. Mill | Modification to magnetic separators | 700 |
| A. Jarbeau | Transferred to C.C. Smelter Creighton Mill | Change to feed gate at Creighton Mill sand plant Lip on classifier Creighton Mill sand plant | 15 15 |
| R. Nadon | Levack Mill | Use filtrate pump to pump clean-up | 25 |
| P. Behun | Coniston Transferred to C.C. Mill | Stainless steel line for pipe on sinter machine | 45 |
| B. Forestell | Coniston Transferred to IORP | Use Duquesne on converter flues | 25 |
| S. Ferguson | C.C. transportation | Warning light on track to Clarabelle Mill | 30 |
| E. Bellmore | quit | Modification to Jeffrey magnetic separator | 700 |
| D. Speirs | C.C. Smelter | A grease groove on converter swivel joint | 200 |
| J. T. Backus | C.C. Smelter | Time delay switch for FBR canning line | 45 |
| R. Meiers | C.C. Smelter | Ramp for rotary bin in FBR | 15 |
| A. Fiorotta | Levack Mill | Cement chutes, additional lighting | 20 |
| I. Ainsworth | Creighton Mine | Syphon to clear chutes | 35 |
| L. S. Lynds | Crean Hill | Safety door on top of steel box | 45 |
| E. Johnston | Stobie Mine | Cable guide on Pickrose hoist | 25 |
| E. Kishynchi | Garson | Slimes position on hoisting man safety | 25 |
| L. Brousseau | Garson | Changes at stench room | 35 |

A better way to do it — that's the goal at Inco's J. Roy Gordon Lab



Standing on a 10-acre plot in the Sheridan Park Research Community, and named after a former Inco president, International Nickel's J. Roy Gordon Research Laboratory is located just north of the Queen Elizabeth Way, some 17 miles west of Toronto.

One of nearly a dozen research facilities established by major national and international companies in Canada's first fully planned community for industrial research, the J. Roy Gordon Research Laboratory was completed in 1966.

In the electrochemistry section of the lab, research chemist Shinichiro Abe — better known as Shin — is seen beside a full scale model of a copper plating cell that is being used to study mass transfer and the movement of electrolyte under forced convection.

Shin was born in Tokyo, Japan, and left his job with the Fuji Electric Company to come to Canada and the research centre in 1969. He and his wife Nobuko have two youngsters. "First son made in Japan," said Shin with a grin. "Second son made in Canada."



Removed from Inco's operational areas, the Sheridan Park laboratory acts as a focal point for the company's worldwide process research activities conducted at individual plant laboratories and pilot plant facilities at Port Colborne, Thompson and Copper Cliff in Canada; and at Clydach and Acton in the United Kingdom.

In the minerals beneficiation section of the lab, the camera zeroed in on research technician Dave Vallbacka. He was using a cyclosizer to obtain a sub-sieve range particle size analysis from a ground sample of Indonesian lateritic ore.

Sudbury-born, Dave's Inco career started at the Copper Cliff research lab in 1964. It was there that he met his wife Mary-Jane who was working in the lab library. They both transferred to Sheridan Park in 1966, and were married in 1967.

Dave's dad, Jack, is employed at the Copper Cliff North Mine; his brother Harry is a survey party leader with the land survey section of the mines exploration department at Copper Cliff.



Although the research centre operates as an integrated unit, process research personnel are organized for functional purposes into five main sections: electrochemistry, hydro and vapo-metallurgy, mineral beneficiation, pyrometallurgy, and technical services. Groups within technical services handle chemical analysis, computer technology, spectrographic analysis and x-ray analysis.

Geared to provide fast, accurate data for ongoing projects in the other four sections, the technical services section uses the very latest analytical techniques. Seen alongside a distillation apparatus, Serafin Imperial is employed in the chemical analysis group of the technical services section.

Serafin's home town is Candon Ilocos Sur on Luzon Island, the most northerly of the Philippine Islands. His fiancée, Felicidad travelled to Canada in 1969 to assume teaching duties in Toronto. Serafin made the journey one year later, and the couple were married in 1970.

An ardent chess player, Serafin is often involved in quick lunch time games. "The tension ruins my appetite," he said, "but it's good exercise for my grey matter."



A total of 105 process research and administrative personnel are employed at the laboratory. A breakdown of that number shows that 47 are scientists, 47 are technical personnel, and the remaining 11 handle administrative duties. A further breakdown of the scientific group reveals that 20 have a Ph.D. degree, five have an M.Sc., and 22 have a B.Sc. Subjects for a future Triangle walkabout, 15 geological research personnel are also located at Sheridan Park.

Polish-born technologist Bert Frey works in the pyrometallurgy section. The apparatus that Bert is operating is a part of a miniature pyrometallurgical process designed to recover nickel from Indonesian lateritic ore.

Born in Krasnosielc, Bert was educated in West Germany, came to Canada in 1963, and joined International Nickel at the Port Colborne Nickel Refinery in 1964. He has worked at Sheridan Park since 1967.

He and his wife Juliane — she hails from Hungary — live in Preston, some 45 miles and 45 driving minutes west from the lab on highway 401. They have a family of two and enjoy camping and hiking on the historic Bruce trail.



Complete with a sunny smile, and representing the 15 gals employed in process research and administrative job, this picture of computer engineer Eva Mansfield was taken in the technical services section's data processing room.

An indispensable aid in modern research, the computer technology group's IBM 1130 computer at the lab is employed to mathematically simulate metallurgical operations, perform complex thermodynamic calculations, provide correction factors for instrumental analysis and perform many other complicated and intricate functions.

When assistance is required, the 1130 is connected to and talks with a big brother IBM 360/85 computer located in Ottawa.

Eva came into the world in Bielefeld, West Germany, and was six when her parents upped stakes, came to Canada, and settled in Toronto.

She and her husband, Mike, live in Toronto's west end, and Eva commutes the 17 miles between home and lab in the comfort of her Mercedes 250. Spare time activities include relaxing with her accordion and exercise on the tennis court.



From the point of view of environmental control, one of the many areas under investigation is reduction of sulphur dioxide emissions resulting from smelting of sulphide ores.

One of the high priority programs is the development of a means of processing the Sudbury ores without smelting. Steady progress is being made to develop laboratory reactions into a practical commercial operation.

Taken in the hydrometallurgy section, this shot of senior research technician Einar Walli was taken while he was subjecting a solution containing Copper Cliff pyrrhotite filter cake to heat and high pressure during a leaching process investigation aimed at isolating elemental sulphur.

A Sudbury native, Einar joined Inco in 1952, and was working in the lab at Copper Cliff prior to his move to Sheridan Park in 1966. He and his wife Lois and their three youngsters live in Burlington.

Einar is the son of Copper Cliff tuesday puncher George Walli, and the brother of Bill, a conveyorman at the Frood-Stobie Mill, Arvo, a maintenance foreman at Levack, and George, a chemist at the Levack Mill.

Erkki Kinos: another Caruso?

Music adjudicators say yes

"This voice belongs to the world; you have another Caruso in your midst . . ."

"He must make music his life . . ."

"He's got to go on and study."

This community must get behind him . . ."

That's high praise indeed, coming from the adjudicators of the most recent Sudbury and District Kiwanis Music Festival. Their

compliments were aimed at Copper Cliff South miner Erkki Kinos.

Erkki, who lives in Whitefish, earned the highest marks of the festival, 94, for his singing. He entered seven classes in the festival, from Broadway music to operetta, and won them all. He was awarded the Saul A. Silverman Foundation Scholarship, the festival's premier award, for his outstanding performances, as well as a special scholarship from

the festival organizers. Both awards will go a long way towards helping Erkki pay for professional music instruction. The organizers also announced that Erkki will represent Sudbury in the provincial music finals in Toronto later this month.

Sudbury Kiwanis Club music festival chairman Walter Schaefer read the adjudicators' comments to the large audience attending the highlights concert at Sudbury High School. He announced that the festival committee would do all it could to arrange private auditions for Erkki with important music teachers in the south. He also announced that the Kiwanis Clubs of Sudbury and Lockerby, together with the Ontario Registered Music Teachers Association of Sudbury, will organize a dance in the fall to raise funds to help all outstanding musicians in the area, including Erkki.

Erkki's performance is all the more remarkable since he has only been singing "seriously" since 1967. That was the year his mother, Anni, finally convinced him he should join the Nickel Belt Performing Arts Society, a local choir in Whitefish.

"Up until then I just sang along with records," Erkki recalled, "but I didn't figure my voice was anything special."

Erkki sang duets with his mother in the Whitefish group, but conductor Irene Vabvolas recognized his voice was above average and encouraged him to go on. So he joined the Finnish Mixed Choir in Sudbury where accompanist Eleanor Marzetti heard him. She was so excited about his voice that she urged him to begin formal training and introduced him to music teacher Bette Leake. Erkki has been Miss Leake's student since 1970.

Besides the Whitefish choir, to which he still belongs, he's a member and soloist in the celebrated Finnish Male Choir. Erkki is also a frequent soloist in churches.

Devoted to music

Quiet-spoken and reserved, Erkki is modest about his talents and about the effort he makes to improve them. Besides rehearsals on Sundays for the Nickel Belt Performing Arts Society, and on Monday nights for the Finnish Male Choir, Erkki spends a half

hour to an hour with Miss Leake every week, as well as up to two hours on his own each night practising.

What does he practise? "Harder songs to develop my voice," he said. Erkki is trying to get his range higher and to hold his breath longer. "My voice still needs a lot of training," he said. He spends a lot of time now on techniques which will help remove any quiver in his voice when he holds long notes, and to ensure he makes a nice smooth sound.

It's hard work and requires a lot of devotion. "I love singing, as long as I can get the time to practise and can get an accompanist," Erkki said.

A tape recorder makes life a lot easier for artists. He uses one to record each session with Miss Leake. When he returns home to practise, he can listen to the music again and to her corrections.

When learning a new song, Erkki listens to records, of which his collection numbers over 250 LPs, then he tries it himself. The records have another use, too, for he maintains he can learn a lot about phrasing and breathing from listening to the great singers. His own personal favorites are German tenor Fritz Wunderlich and Swedish tenor Jussi Bjorling, both of whom sang classical and operatic numbers.

He sings in six languages: English, French, German, Italian, Swedish and Finnish.

Asked about today's heavy music, Erkki answered: "I've got no time for popular music, it hurts my ears." He does like modern ballads, however, such as "Blue Spanish Eyes", "Love Story", and the Beatles' "Michelle". He even sings some of these at private concerts. He also likes singers such as Perry Como, Andy Williams, Ed Ames and Mario Lanza.

Erkki prefers to sing classical music. "There's more challenge in them," he said, admitting also that "there's that much more credit if you do well when you sing them." He also sings Finnish folk songs.

Born in Finland 25 years ago, Erkki first came to the Nickel District when he was 8. His family stayed in Sudbury for four years, before returning to Finland. They later moved to Sweden and finally returned to Canada for good seven years ago.

Besides his record collection, Erkki likes saunas, hunting and



Erkki Kinos as he performed Schubert's "Standchen" at the music festival's Hi-Lites concert. "Just the right amount of sound, with a beautifully inflected line of tone," the adjudicator said of his version of this song.



Erkki Kilos: besides singing, he also acts and plays saxophone.

fishing. Of saunas, he said: "they don't help my voice, but they don't hurt it either." He likes to hunt birds in the fall, but aside from music, fishing is his first love. He tries to get away each weekend in the summer to a friend's camp on Lake Penage where he can enjoy his angling.

Before his recent transfer to South Mine, due to Crean Hill Mine's shutdown, Erkki was a motorman and trackman at Crean Hill for seven years. His father, Matti, is a driller at South Mine.

Appointments

International Nickel Co. of Canada

James D. Guiry, director of engineering, Toronto.

Ontario Division

Ron Brown, division planner;
Jim Grassby, manager, computer systems;

Randal Cave, superintendent, data processing;

Peter Souter, superintendent of industrial engineering;

John S. MacDougall, director of engineering, Copper Cliff;

J. W. Butwell, superintendent, Levack Mill;

J. W. Carson, supervisor, capital expenditure accounting.

Triangle photographs available

Prints of most photographs appearing in the Inco Triangle may be ordered direct from: Rene Dionne, 170 Boland Ave., Sudbury. Or call: 674-0474. Cost: \$2 each.

Inco has better first quarter

Net sales for Inco's first quarter were \$195,901,000, compared with \$175,433,000 for the final quarter of 1971 and \$229,063,000 for the comparable period in 1971.

Earnings for the first quarter were \$18,689,000, equivalent to 25 cents a common share. They compare with \$7,864,000, or 11 cents a share, for the fourth quarter of 1971, and with \$36,604,000, or 49 cents a share, for the first quarter of 1971.

The increase in earnings in the first quarter, as compared with the last quarter of 1971, was due primarily to a more than 20 per cent increase in deliveries of primary nickel and, to a much smaller degree, to the higher average price received for the company's copper.

First-quarter earnings, however, were burdened by the continuing non-recurring costs related to force reductions and curtailment of production, although these costs were lower than in the fourth quarter of last year.

In comparison with the same period last year, first-quarter earnings declined because nickel deliveries were lower by about 20 per cent, despite the recent upturn in sales, especially in the United States. Earnings were also adversely affected by higher unit costs and expenses.

Capital expenditures during the first quarter of 1972 were reduced to \$34,452,000, compared with \$56,598,000 for the fourth quarter of 1971, and \$64,752,000 for the first quarter of 1971. Capital expenditures are expected to be about \$200 million for the year.

Inco plant tours

This summer, visitors taking advantage of guided plant tours, will get a better idea of how nickel is produced. The latest Inco plant to come on stream, Clarabelle Mill, has been added to the circuit. Three steps in the process of making a marketable metal are now included in the tour. After the first stop, at Clarabelle Open Pit, visitors will tour the new mill. On route to the smelter, they'll be able to stretch their legs in the 700 acres of grass and grain at the tailings farm. The bus leaves the Copper Cliff curling rink five days a week between May 15 and July 28. Departure times are 9:00 a.m., 10:00 a.m., and 1:30 p.m.



Loader Steve Rossignol demonstrates the FBR's power sweeper. An oxy-catalyst muffler scrubs the exhaust from the machine's 18-hp. LP gas-fuelled engine. The unit sweeps a 53-inch path at speeds up to 6 mph. Steered by its rear wheel, the sweeper can turn in less than six feet.

Machines make cleaning up easy

The cleanest floor in Inco . . . well, almost . . . that's what the FBR shipping room and the Clarabelle Mill can boast. Both plants are using power sweepers to clean spills quickly and easily.

The shipping area of the FBR presents a large floor area from which a number of intermediate and market nickel products are packaged and shipped. Bits of broken wood pallets, scraps of steel strapping and other debris are often unavoidably spilled.

Before the introduction of the machine, the shipping as well as FBR floors were manually swept with push brooms. The power sweeper takes half the time, and produces a much cleaner floor.

Clarabelle Mill bases its sweeper on the grinding floor where it has proven the most effective way to vacuum dry grinding mill fines which spill and dry out on the floor, and

the ordinary building dust which gathers just as it does in homes.

Both plants still use regular operating crews to clean up "hard to get at" areas. Their sweepings are left near main aisles for the power sweeper to collect.

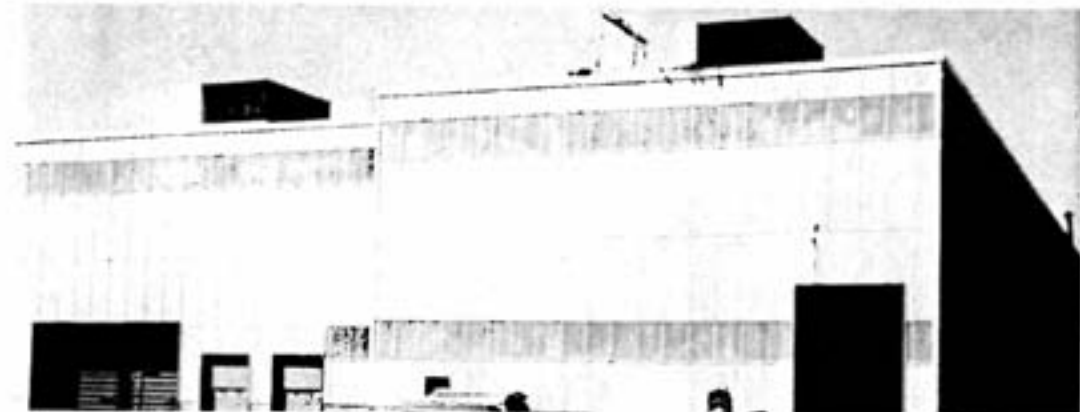
How it sweeps

Two rotary brushes pick up the dirt. Rotating at 500 brush strokes per minute, the 42-inch main brush hurls heavy dirt and other debris from the floor into the hopper, while a 21-inch side-brush sweeps the edges of walls and equipment. When full, the half-ton hopper is dumped in only 10 seconds.

The brush/vacuum system picks up everything from a 53-inch path. The powerful vacuum fan sucks up the dust-laden air from the brushes and pulls it through the filter housing over the hopper. Only clean air is exhausted from the machine.



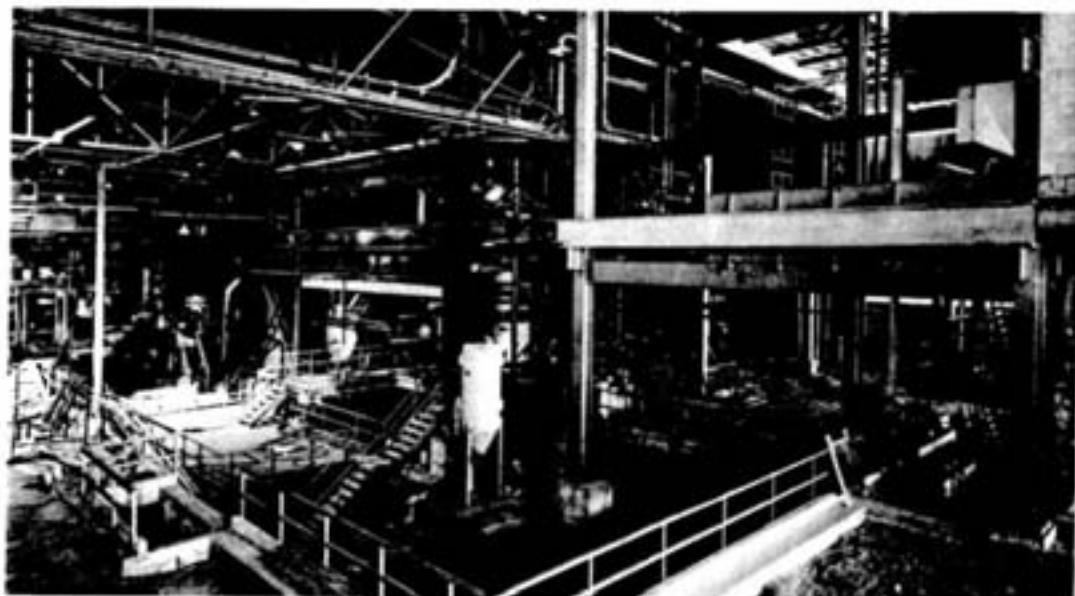
One of the reasons why the power sweeper is so easy to operate is its automotive-type controls, says Clarabelle Mill helper Larry Galleau. The steering wheel even includes a horn. Other hand controls in the cockpit raise and lower the brooms and empty the hopper. The machine has no gear shift and a single foot pedal controls the speed as well as the forward and reverse directions.



Non-stop Casting

Located on the south end of the Copper Refinery's casting building, this extension will house the refinery's new continuous casting and semi-continuous casting processes. The entire project will cost \$4.5 million, with the continuous casting portion due to start this fall, and the semi-continuous casting process going on-stream in 1973.

Looking north inside the new building, in the foreground is the 60-foot hole to accept the hydraulic cylinder for semi-continuous casting. The cylinder will lower the copper cakes into the pit as they are cast. The introduction of semi-continuous casting in 1973 will replace today's conventional static casting of vertical cast cakes. Continuous casting will be located to the left of the chip collector, the whitish object in the centre of the lower photo. Next to be installed will be a small vertical furnace, holding furnace, pouring ladle and mould table. Continuous casting will replace static casting of phosphorus deoxidized copper billets. The plant will have an annual capacity of 25,000 tons of these small diameter billets.



Levack Millionaires

"We are going to make a million" was area superintendent Dave Lennie's war cry last January and on May 5 Levack Mine became the Ontario Division's first plant to pass the million safe man hour mark in 1972. The mine's next record comes due July 14 when, barring any lost time accidents, it will exceed the old record of 1,563,096 hours. Frank Kirkness's shift on 34 level was one of three to record no dressings during the



drive to reach a million man-hours. During that time they mined over 93,000 tons. Frank was unfortunately sick, but above, representing all the men at Levack Mine, is his entire shift. Grouped around an ST4 load-haul-dump machine, they are, back row: Rene Laurin, David Norlock, Bob Brophy,

Garry Scott, Vic St. Louis, Jerry Malleau, Duster St. John, Oscar Ricard, Trevor Peart, Tom Giambattista; the centre row: Harry Banasuik, assistant to mine superintendent; Bill Moffatt, mine superintendent; Mike Bennett, Ron Deslauriers, Kevin Murphy, George Hepton, Frank Mullin, Arnold Arcand, Gerold

Duval, Albert Laurence, Eric Kaulback; front: Al Haaranen, area safety supervisor; Dar Anderson, divisional foreman 34 level; Larry Forget, Larry Brunelle, Bob Brownlee, Doug Donovan, Arvo Walli, David Ranville, Alvin Erickson, Armand Beaudry, Mike Foley, Ron Livingstone, shift boss 34 level.

Faces & Places



Raconteur Dan Thomas has his fellow pensioners Howard Fletcher and Clarence Hobden engrossed in a tall story. Dan's "throne" was the result of an

accident when a front end loader removed snow during the winter on the corner of Serpentine and Granite Streets in Copper Cliff.



Your host on "Inco Presents", Dave Graham is a writer in the company's Toronto public affairs office. Next show in the monthly series appears May 24 on CKSO-TV at 8 p.m. It's "Savage Waters, Savage Beasts".



A 40-member Swedish mining mission visited Inco underground and surface operations last month. Split into two groups, 16 visited Frood-Stobie and Clarabelle Mills, while the remainder toured Frood-Stobie No. 7 Shaft to observe ST4A load-haul-dump machines, fan drills, and drift jumbos in action. Before returning to surface, they also watched the Shaft's tippie.



Les Lewis

The old adage, "Waiting for the Bridge", has been a favorite of Port Colborne refinery workers for many years, proving hard on the blood pressure, especially when pressed for time getting to and from work. Port Colborne is scheduled to have a tunnel under the Welland Canal within six years. With increasing canal traffic each year due to the influx of ocean going vessels, "salties", the bridges have been up more than ever. A total of seven hours per day have been recorded in delays during the shipping season for motorists and pedestrians.



Inco's director of public affairs, Bob Hamer, presents accordionist Marcello Deluca with a cheque for \$250. Marcello won the Inco Scholarship at the Sudbury and District Kiwanis Music Festival. Looking on is festival chairman Walter Schaefer.



Sudbury District Boy Scouts held their annual bird house competition finals in the Inco Club. Over 200 bird houses and feeding stations were considered by judges Bob White, Department of Natural Resources conservation officer, Vera Chambers, and Ainsley Roseborough, past district commissioner. Here, the judges congratulate the winners: Bob White, David Steinke, first overall in the bird house competition; Greg Chambers, second overall; Richard Mooyekind, first in the feeder competition; Tom Cvar, first in central division; Mark Cvar, second in the feeder competition. Back row: Patrick Hein, first in the north division; Vera Chambers, Mark Burgess, third in the north division; Dave St. Pierre, first in the south division; Alan McCormick, third in the district feeder competition; Shawn Blair, third overall in the district; and Ainsley Roseborough.

Faces & Places



These hairy faces belong to two Frood Mine characters: helper Mike Panos and surface track boss Frank Gamble.



On stage at the Inco Club May 19 and 20 will be Sudbury Theatre Centre's second major production, "Dr. Knock". The entire cast of the musical is seen here during a rehearsal. Much of the play's satire has a local flavor. Besides Dr. Knock, the centre has two plays touring local schools and has resumed its free Friday evening theatre: "Appletree", a one act musical, is next on May 26.



Over 200 runners turned out for the Northland Track Club's annual Runathon to raise funds for the club's 50 young athletes to compete out of town. Seven-year-old Wanda Strange completed 19 laps around Lo-Ellen Park School's track. She had 12 sponsors. Vic Dunn had only two sponsors but he did 41 circuits, one more than the organizer's target for each runner. In the centre, beside organizers Terry and Maureen McGinty, is Wanda's father, Will.

RETIREMENTS

EMILE LEMIEUX

"Shorty" Lemieux became a familiar figure behind the wheel of his front-end loader during his 23 years working in Copper Cliff. He started at the Copper Cliff Smelter in 1948 and in the



same year was employed by the Town of Copper Cliff.

Prior to this he drove a truck for a number of years for local trucking firms in the area and during the depression drove a bus in Capreol.

Shorty and Cecile Harrison were married in her home town of Hanmer in 1937. They are the proud parents of two daughters and have four grandchildren.

JOSEPH CASTONGUAY

In 1941 Joe decided that working on the railroad was not for him and joined the transportation department in Copper Cliff.



From there he went underground at Frood as a driller, transferred to the Frood Open Pit in 1944, and then returned to Frood as a tool fitter.

Joe and Claire Jarvis were married in Capreol in 1930. One of their two sons, Victor, works underground at Frood Mine.

The whole family, including nine grandchildren, spend most of their summer at Milnette where they have a cottage. Since they are avid snowmobile fans, snow didn't stop them from trips to the cottage during the winter as well.

PETER SCOTT

Peter Scott has made the rounds to many of the plate and carpentry shops since he started at the copper refinery in 1941. He worked at the old Frood Open Pit, Creighton, Frood Mines, and at retirement was at Stobie.

Pete was born in Quebec but came to work for Poupore Lumber in Gogama where he met



his wife-to-be, Rose Huard. They were married in Gogama in 1936. Their one daughter, Bernie, is married to Tony Divier who is a shift boss in Levack.

As well as fishing and camping at Lavigne, they spend lots of time in Levack visiting their three grandchildren.

EWALD PANTEL

Ewald Pantel put in most of his 28 years with the company at Stobie Mine. He did many dif-



ferent jobs, but at retirement was a skip tender.

Ewald was born in Poland and came to Canada when only two years old. He was raised in southern Saskatchewan. Before joining Inco he gold mined in Manitoba.

In 1946 Lucy Tennier became his bride in Sudbury. They have two children and Mrs. Pantel enjoys babysitting her six grandchildren.

EWART SCANLON

The three Scanlon brothers, Ewart, Tom and Louis, have a



total of more than 107 years with the company and are still going strong.

Ewart, or "Moose" as he is known to many, started in 1936 at the Copper Cliff Smelter and over the years worked in mechanical, the roaster department, research and finally the reverbs where he was a shift boss.

In 1941 he married Phyllis Brooks of Copper Cliff, whose father, Art Brooks, had 43 years with the company at retirement.

The Scanlons have two sons and one daughter as well as three grandchildren. They are looking forward to travelling to the west coast.

LORENZO POTVIN

Leo Potvin was born on a farm in McFarlane Lake and the old home is still standing along Highway 69. This was where



he met his bride-to-be, Elise Foucault. They have four children and six grandchildren.

Leo worked at Frood Mine in 1939 but quit for nine years when he went to Sigma Mines in Val d'Or. He returned in 1950 to Creighton No. 3 shaft and later worked as a dryman.

One of his sons, Rheault is at the Copper Cliff Smelter and daughter, Lina, is married to Claude Huppe who works at Creighton No. 8 shaft.

GRANT VILLENEUVE

Grant Villeneuve's father, Argus, went on pension not too long after his son was hired on at Inco. Grant started at Creighton



in 1933 and his father retired in 1939, making him one of the oldest pensioners at 93 years of age.

Grant broke his service in 1941 but was rehired a few months later. In 1943 he joined the Royal Canadian Engineers and was stationed in France and Germany. He has been a shift boss at Creighton since 1949.

In 1943 he married Margaret Vaughan in Sudbury. They have three children and six grandchildren. One of their daughters, Cheryl, is married to Ray Phillips who works at Creighton Mine.

HENRY KING

There's never a dull moment in the Kings' life — not with four children and 16 grandchildren. Henry was born at Nipissing Village and raised on a farm in Hanmer. He worked in the bush before coming to Inco in 1938. His service with Inco was



spent at Frood, the majority of these years as a stopman. Prior to his retirement, he was a timberman.

In 1932, Henry married Rose Desabrais, a native of Espanola. One of their sons, Bill, works at the smelter in Copper Cliff. Their daughter, Edna, is married to Rene Laderoute, a shift boss at Carson.

Still residing in Val Caron, Henry intends to devote most of his time to his garden and to ice fishing.

VILLI MAKI

Villi Maki set out for Canada in 1927 from his home town in Finland. After travelling for a while, he settled in the Creighton area and worked in the rockhouse



there. All of Villi's 38 years with the company were spent at Creighton and he was a blasting boss for most of his service.

Mrs. Maki, the former Aili Nelson, was also born in Finland. They were married in 1938 at Copper Cliff and have two daughters and one son. One of their daughters, Aileen, is married to Hector Chevrete, who works underground at Creighton Mine.

The Maki's enjoy visiting and babysitting with their four grandchildren as well as spending time at their cottage on Black Lake.

JOHN M. HEALY

General foreman, John Healy, has retired from the Copper Cliff nickel reverb, after spending 35 years in the same plant. He started out as a laborer in 1937 and was on supervision for the majority of those years.

He was married to Dorothy McPherson of Webbwood in 1951 at Sudbury. Mrs. Healy died in 1957. John has two sons.

Living in Copper Cliff provides easy access to the curling



rink and John enjoys this sport during the winter months. After a trip to Barbados this winter, he has decided the hotter climates are not for him and plans on staying around this area.

ROBERT DUKE

Bob Duke was probably one of the best known employees at the Port Colborne Nickel Refinery. As plant fire chief, he had access to all departments and during his regular inspection visits about the plant, always had a cheery greeting for everyone.

Born in Southampton, England, in 1908, Bob came to Can-



ada in 1913. The family moved to Port Colborne in 1914 when his dad obtained employment at the Maple Leaf Flour Mill.

Bob studied acetylene and electric welding at Welland Technical School and then became an apprentice baker. Bob still makes the family Christmas cake every year.

Gladys Benner became his wife in 1931 and they have one daughter.

Joining Inco in 1928, Bob's technical training came in handy as he started in the boiler shop of the mechanical department as an ironworker helper. He was made full time chief in 1964 and placed on staff in the same capacity in 1968. On retirement he had 44 years' service.

Bob became a volunteer fireman for the town of Port Colborne in 1939 and is still an active member.

WILF MOORE

Mining was not a new experience for Wilf Moore when he joined Inco in 1933; he worked



in Kirkland Lake in the gold mines for five years prior to this.

Kirkland Lake was the meeting place for Wilf and Stella Tetroe and they were married there in 1934. They have one daughter and two grandchildren.

Wilf's varied career started at Creighton Mine. Later he was a

safety engineer at Garson; divisional foreman at Frood; and general foreman at Creighton when he retired.

Being a keen sportsman, Wilf is looking forward to the summer at his cottage on Lake Penage and playing a few rounds of golf.

DANIEL GERBAIS

Dan Gerbaïs and his wife won't have too many spare moments



with their active family of 13 children, especially since the youngest is only 10 months.

Dan has worked at the Copper Cliff nickel reverb since he started with the company in 1942. He was a tapper at retirement but did many jobs during his 28 years' service. Prior to coming to Inco he worked on his father's farm at St. Charles.

Fernande Gladu became his wife in 1942 at Sudbury. Their son, Jean-Paul, is in the mechanical department at Frood Mine and daughter Carmen is married to Jerry Lacombe who is at Levack Mine. Ten grandchildren complete the Gerbaïs family.

JOSEPH REILLY

Joe Reilly has retired from the copper refinery where he was a furnaceman for most of his 24 years with the company. Before



joining Inco he worked for the Toronto Police Force. During the War he joined the service and was a sergeant with the Provost Corp.

Jean White became Mrs. Reilly in 1934 at her home town of Napanee. They have a son and daughter along with six grandchildren.

The Reillys plan on following the sun to Florida in the winter and spend their summers at their cottage on the French River.

AIME J. MOSSEY

During his 34 years in the carpentry shop at the Copper Cliff Smelter, Aime Mossey became a



very familiar personality. He was born in Copper Cliff and his first job was at Cochrane's on Serpentine Street.

Aime's wife is the former Flora Ouillette of Byng Inlet. They were married in 1934 at Britt and have six children and four lively grandchildren. The family name is still active at Inco as their son, Charles, is employed in the engineering department at Copper Cliff. Their daughter, Anita, is married to Cec Goudreau of the Frood Mine time office.

A trip to the east coast is planned for this summer. In their spare time they look forward to visiting and babysitting their grandchildren.

REGINALD STEEVES

"Golfers look out," says Reggie Steeves for he now has the time to get his golf swing in shape to go along with his superb putting.



Reg was born in Campbellton, N.B., in 1909 and completed his schooling there. In 1927, he moved with his family to Niagara Falls and worked with his Dad as a painter and interior decorator.

Reg loved playing the piano, but could not get lessons because he had learned to play by ear and teachers found it hard to change him. So he turned to the organ and began taking lessons from an instructor in Niagara Falls, N.Y., on a four-key-board Wurlitzer organ.

Reg joined Inco in 1938 at the Port Colborne Nickel Refinery in the ironworker section of the mechanical department. He has remained an ironworker ever since.

During the war years, Reg helped organize the Inco Glee Club. This was a 35-voice male chorus which entertained at Army and Air Force camps throughout the Niagara Peninsula. The group disbanded in 1946. He has been pianist for the Port Colborne Lions Club for

34 years. In addition, he has played the dinner music at all Inco Quarter Century Club meetings held in Port Colborne.

Reg married Alice Collingwood of Wishart, Sask., in 1935 in Niagara Falls, the honeymoon city. They have two sons, and seven grandchildren.

GUISEPPI ZULIANI

"Joe" Zuliani worked on construction in many parts of the world during his pre-Inco days. He returned to northern Italy in



1941 to marry Enni Ceccutti, who was born and raised in the Province of Udine. They came to Canada in 1949 and Joe started at the Copper Refinery that same year. He worked in the wire building for 10 years and was a helper at retirement.

Two of their four sons are employed at Inco. Tom works in the separation building at the Copper Cliff Smelter and Elio is in the transportation department at the Iron Ore Recovery Plant. Two grandchildren round out the family.

Joe is an avid gardener and he is looking forward to having another fine crop of vegetables again this year.

ROSAIRE RICHER

Rosaire Richer was born in Bronsbury, Quebec, and came to the Chelmsford area to work.



This was where he met Cecile Poulin, whom he married in 1933.

Rosaire started at the Copper Cliff nickel reverb in 1947 and was a fitter in the mechanical department during all of his 25 years. Prior to joining Inco he worked for Fraser-Brace Construction in Copper Cliff and during the War was employed in Ottawa making airplanes.

The Richer's family consists of two sons, two daughters and one grandchild. Rosaire is looking forward to getting out fishing and catching a few "big ones" this summer at his camp on Red Deer Lake.

THE GREEN THUMB

Home landscaping notes by

DON YOUNG

Let's begin by elaborating on a few points made in last month's column.

A procedure of prime importance in the planting of trees or shrubs is the removal, by correct pruning, of enough branch area to compensate for roots lost when the plant was transplanted from the nursery. A general rule is to remove one-third of the branch area by selective pruning to retain the natural shape of the tree or shrub. Done as part of the planting operation, this ensures healthy and vigorous new growth by channelling the available plant energy into fewer buds.

Shrubs that blossom from buds set on the previous year's growth, such as spring flowering plants, shouldn't be pruned before flowering. This causes a loss of the desired bloom. Many shrubs bloom on the new growth of the current season. These may, and in some cases should, be pruned in early spring to promote a greater amount of young foliage which bears bloom.

Established trees and shrubs which are used for foliage effect or for shade may require pruning to develop a certain shape. These should be pruned in early spring.



Use a broadcast spreader to apply fertilizer evenly.



Cutting out a plug of grass checks water penetration and root healthiness.

Now it's time we looked at that muddy mess we called a lawn last year, but which just isn't as good as we'd like it to be. Lawns don't just happen, you have to work and care for them just as you would for a prize house plant.

A complete guide to good turf care would fill more pages than several Triangles put together, but here are a few tips:

- Start off by selecting the right grasses and seeding or sodding on a good depth of soil. Kentucky Bluegrass and Merion Bluegrass are a fine general mix with perhaps some Red Fescue for shade tolerance.
- Soils in this area tend to be acid, a condition which can be corrected by generously using agricultural limestone. Spring or fall applications of 80 lbs./1,000 square feet repeated every three years helps to rejuvenate established grass plots.
- Desirable grasses need a good balanced fertilizer throughout the growing season to satisfy their food requirements and keep them green and healthy. Apply a recognized turf fertilizer in early May, such as 6-9-6 at 20 lbs./1,000 square feet. A good turf fertilizer has a good portion of nitrogen in slow release ureaform compounds. Repeat applications every five to six weeks throughout the summer as necessary. Don't fertilize with a nitrogen fertilizer after September 1.
- Water only when necessary but enough to penetrate to at least 10 inches. This takes a long and slow watering. You can test the results by taking a cross section of your grass using a knife to cut out a small plug which can be replaced.
- Most desirable lawn grasses won't tolerate being cut less than 1 1/4 inches high. Short cutting and subsequent unhealthiness are a common cause of lawn failure.