

*The Triangle*  
JUNE 1977

# The Triangle

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## ON THE COVER . . .

Thoughts unwind with the whirl of a reel in Ontario's Rainbow Country. Knee deep in water on the shores of Manitoulin Island, it doesn't really matter if the fish are biting, it's the thoughts that count. When thoughts and line are collected for the journey home, the weight of the catch will be easy to carry, as the day's reflection lightens the load.

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## United States Ambassador To Canada Visits Sudbury Area On Fact-Finding Tour



While many visitors to Sudbury are treated to tours of Inco facilities, few match the excursion that awaited Thomas Enders, centre, United States Ambassador to Canada. Accompanied by his wife, Gitina, Mr. Enders viewed the Falconbridge smelter and Inco's nickel refinery. Prior to the day's industrial tour, the ambassador and his wife were treated to an aerial view of the city by helicopter, accompanied by Bill Taylor, left, manager, finance and control, Falconbridge Nickel Mines, Limited and Mel Young, right, assistant to the president, Ontario Division, Inco Metals Company.

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## INCO TOURS

Regular public summer tours are now under way and will run through until September 3, 1977.

The tours will run continuously between 9:00 a.m. and 2:30 p.m. and will be offered Monday through Saturday.

Groups of 12 people or more must make reservations by calling

**682-2001**

All tours start from Nickel Park in Copper Cliff.

**Inco**

May 6, 1977

R. A. Taylor  
President  
Ontario Division

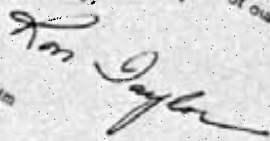
Dear Mr. Filiatrault:

Please accept my sincere congratulations for your personal contribution to the success of the Levack Mine Maintenance team in the Provincial Open First-Aid Competition last week-end.

I am fully aware of the dedicated efforts of each member of the team which contributed to its outstanding success. To capture the Senior Men's Trophy is a distinct achievement, and to add to this the Earle C. Morgan Trophy, emblematic of first-aid supremacy in all Ontario, is a tremendous accomplishment.

Your recognition of the value of first-aid training is apparent, and the success of your efforts commands my personal admiration. It is a pleasure to extend appreciation and congratulations on behalf of our Company to you personally and to the entire team.

Sincerely,



RRT/jm

INCO LIMITED  
Oshawa, Ont.  
R9M 1Y0

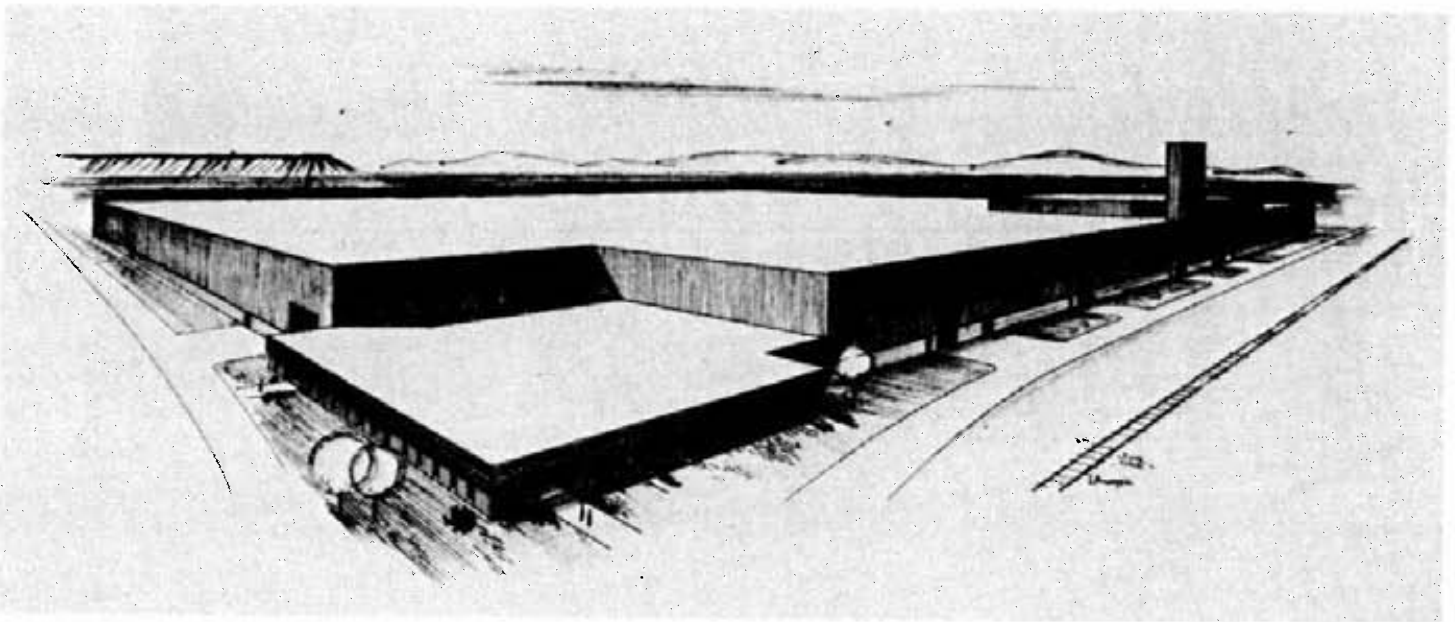
## Congratulations, Champs, For A Job Well Done!

The high quality of first-aid training within Inco Metals Company's Ontario Division paid off for members of the Levack Mine maintenance first-aid team who have captured the Senior Men's Open Provincial Trophy and the Earle C. Morgan Trophy, emblematic of first-aid supremacy for all of Ontario. Among those competing were some 43 high-calibre teams not only from the mining industry but fire departments, police departments, railroad companies, the Armed Forces and many others. Proudly displaying their trophies are, from left, Germain St. Amour, Tim Foucault, Phil Goudreau, team captain Guy Filiatrault, Robert Rheame, and coach Roger Brideau.



# Inco Metals Company Announces New \$29-Million Divisional Shops Complex

**R. R. Taylor, President of the Ontario Division, Inco Metals Company, has announced that contracts will be let for a new Divisional Shops Complex which will be strategically located within the vicinity of the Copper Cliff Smelter. The Complex, valued at approximately \$29-million, will provide modern maintenance shop support facilities for producing mines and plants in the Sudbury district. It will incorporate a complete range of machine repair equipment and will provide superior working conditions for Inco tradesmen.**



The new facilities will centralize in one location many services previously provided in individual shops located at each mine and plant in the area. Certain shops services will continue to be provided at individual locations.

In addition to employee changehouse and lunchroom facilities, the complex will include a machine shop; a steel fabrication shop; an electric motor winding shop; a diesel component repair shop, and a warehouse. The design of the new facility maximizes the opportunity for efficient work flow and ensures that future technological developments can be readily incorporated.

Mr. Taylor said that construction of the new shops will take two years to

complete. The project will be carried out in two phases. A major item of the first phase will be replacement of the machine shop facilities destroyed in the February 1977 fire at Copper Cliff. It is expected that at the peak of the construction period approximately 100 construction tradesmen will be employed on the site.

The Divisional Shops have been designed to undertake all shop work in the Sudbury District, except for specified emergency and insurance repair workloads which will be undertaken by reduced workshop sections left at each mine and plant location.

Apprentices, tradesmen, leaders, foremen and management and outlying shops provided the input for the design

of the Divisional Shops. The co-ordination of the design was through a Divisional Shops task force which had been established in the Spring of 1976. The level of input suggests that the shops will be the most advanced in North America.

The new machine shop within the complex will be located in four sixty-foot bays, two hundred and forty feet long, which form the core area of the building.

Machine shop congestion will be a thing of the past: the shop will be divided into areas to provide a production section, a random and emergency machining section, light and heavy assembly areas, and an apprentice train-



ing area, which was designed by the apprentices.

The shop equipment will be placed to ensure a smooth flow of work through the shop from one operation to the other. According to senior machine shop tradesmen, the new layout minimizes the need for production storage and eliminates multiple handling and circuitous routing of work as it moves through the shop.

Also, at the suggestion of senior shops personnel, technical improvements will be made in numerous known areas which will make it easier for the tradesmen to produce a quality and reliable product.

The Divisional Shops complex will be housed integrally in a rectangular structure, 680 feet long by 405 feet wide. The architectural concept will be simple, with a minimum of architectural cos-

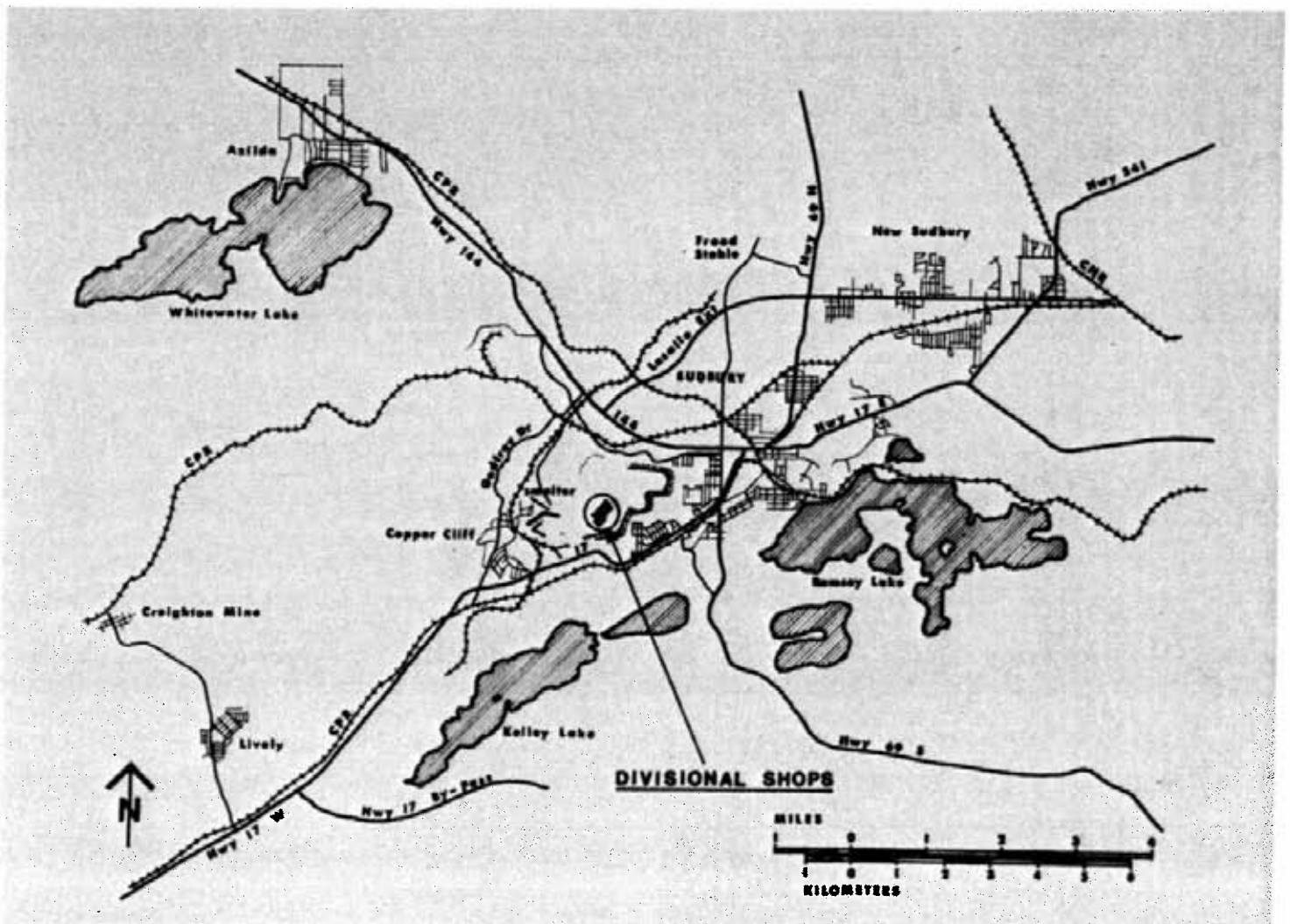
metics. The building lines will be kept clean and uncluttered.

Special consideration will be given to acoustics. Sound levels will be reduced where necessary by the use of baffle walls, sound absorbing materials, or sound isolation enclosures.

The Divisional Shops warehouse will be located at the south-east corner of the building. Material and equipment storage facilities will occupy most of this area. The layout, as designed by warehouse personnel, will be in accordance with the "cube" concept, with storage racks rising to 30 feet, to be compatible with the use of modern material handling equipment. An area located adjacent to the outside entrance to the warehouse will be equipped to receive and clean indoors all incoming bad order items.

The warehouse will play a major role in the operation of the Divisional Shops. It will be responsible for warehousing and controlling all shop supplies and materials. Incoming bad order items will be received, cleaned, and warehoused or delivered to the appropriate shop as scheduled. When work is completed in a shop, responsibility for control and delivery of the work will be assumed by the warehouse. The warehouse will be the focal point of the equipment exchange program; responsible for receiving, storing and exchanging such equipment.

The warehouse will be responsible for transportation throughout the shop and yard. Also, it is anticipated that the warehouse will operate a regular pick-up and delivery service, except for items required on an emergency basis.



# Family Album



Here's the Bob Wallace family. Bob is a mine foreman at Froot mine. That's daughter Tammy, 11, and sons Russell, 13, Jeff, 14, Steven 15, and his wife Sheila.



This is the Yves Chenier family. A bulldozer operator at the Clarabelle Open Pit, Yves is an avid outdoorsman and enjoys hunting and fishing. That's his wife, Patricia, and sons Andy, 13, and Claude, 11, in front of their fine fireplace.

Meet the Don Blue family from Sudbury. Don, a specialist welder at Copper Cliff South mine, enjoys camping during the summer months. He and his wife, Donna, enjoy the musical interludes of their daughter, Christine, 15, along with sons Kevin, 13, and Michael, 10.

From Port Colborne, we have the Doug Ploughman family. Doug works in the electrical department and enjoys fishing in his spare time. Wife Mary, in addition to being a homemaker likes working with ceramics. Their children are Michael, 7, and young Bradley, 2.



Welcome 724 New Members:

# Thousands Attend Inco's 28th Annual Quarter Century Club Gathering



*A radiant and versatile Jane Powell lived up to all expectations.*

*"Mr. Sound Effects", Wes Harrison, in action before a capacity crowd.*



**The 28th annual gathering of Inco's Quarter Century Club, held recently at a party spanning four evenings, was the biggest ever, and the ranks of the Copper Cliff chapter now list well over 8,000 members. At the recent celebration, 724 new members were welcomed into the club and entertained in style.**

New members were welcomed on the first two nights at the Walden Arena.

Tom Parris, vice-president of mining and milling, welcomed 490 new members from his section at the dinner and dance Monday, May 16. Following a delicious dinner, dancers packed the floor to move to the music of the "Big Band Sound", popular entertainment from the Sudbury area. A special guest appearance by Maurice Bolyer, one of the world's top banjo players, provided a light-hearted musical interlude as well as an indication of the top-rated talent booked for the following evenings.

Charlie Hews, vice-president of administration and engineering services, joined Gord Machum, vice-president of smelting and refining, in welcoming new members from their respective divisions at the Tuesday night party, also hosted

at the Walden Arena. Again, the "Big Band Sound" and Maurice Bolyer kept excitement running high.

The two evenings at the Walden Arena were but a prelude to the two following nights of entertainment at the Sudbury Arena. The show, headlined by Jane Powell, star of numerous musical extravaganzas, was an outstanding success. Joining Miss Powell on stage were "Mr. Sound Effects", Wes Harrison; the multi-talented Paul Lennon and Maurice Bolyer, a team that took the audience by storm. Sudbury's own Iona Reed, the world's accordion champion, was also featured in the show, along with 30 members of the Ontario Folklorists, the area's troupe of lovely and talented young dancers.

Some of the happenings and highlights of the celebrations have been captured on the following four pages.

*Dorothy Bell, a diamond bit clerk with the mines drilling department, is all smiles with her husband Jack by her side. Dorothy was the first woman employee joining the Quarter Century Chapter from the mines department.*

















Members of the dance troupe, "Le Campagnole" are, from left, Graziella Caporale, Laura Contini, Cindy Urso, Silvia Presenza, Marina Natale, Paola D'Attilio, Michelina Battaglini and Anita Cirelli. Roberta Cirelli and Susie Cirella are also members of the group.

Tribute to  
the "old ways"...

# "Feast of all the



Song stylings by the Marella Choir provided the many guests with lively entertainment throughout the evening. Accordionists Franco Natale, left, and Mario Caporale provided the musical accompaniment. Emcee for the evening was Mario DiSano, at rear. Hundreds turned out for the gala event.



The "conca" was once a reliable way to supply drinking water to homes in Italy; Lina Baldassarre brought back many memories as she strolled through the crowd.



Traditions passed on from generation to generation have always provided a link between the past and the present; they invoke a pride in our various heritages and continue to exist, in spite of a growing sophistication in our life styles. Lively, extraordinary annual celebrations culminate in an exultation of songs, splashing lights, and picturesque revocations both sacred and historic; everyone participates with ardent zeal.

Such a feast took place recently at the Caruso Club in Sudbury . . . the "Feast of All the Fountains", or "La Festa di Tutte Le Fontanelle" celebrated the old

ways of life in Abruzzo and Molise, two provinces in central Italy.

Highlighting the affair was a presentation made to early pioneers from the two specific areas: Mrs. Giovanna Locca and Sante Rotondo, from Abruzzo, and Mrs. Augustina DiPietro and Franco Porcelli from Molise.

Two elderly and highly-respected members of the Italian community, Mrs. Maria Spedalieri and Amadeo Orasi, were presented with small mortars — vessels of hard material on which various ingredients are pounded before blending.

Dancers, dressed in appropriate costumes, performed "traditions of life" of the two sections of Italy; in appreciation for their fine performances, the instructors for the Abruzzesi and Molisane dancers were presented with flowers.

The idea behind the feast was to gather as many people as possible from Abruzzi and Molise, in order to reminisce their lives in Italy prior to coming to Canada, and to show others that "you cannot know a city if you aren't familiar with the traditions and costumes of its people".

# Fountains"



An annual "La Festa di Tutte Le Fontanelle" always draws capacity crowds to enjoy the traditional songs and dances of Italy. This year, "The Silver Stars" provided guests with the opportunity to dance.



Dance troupe, "Le Campagnole", put on a charming performance with their Tarantella-Salterello, dances of the old country. The old and the new were later combined with a choreographed version of Beethoven's 5th.



Special guests of the festival were the elderly of our region . . . here, Mrs. Maria Spedalieri and Sante Rotondo reflect on their present and their past at a fountain, once a common sight in small villages throughout Italy.

## Sudbury and District Red Cross Society –

# People Helping People

Across Canada, almost one million units of blood are collected each year from Red Cross volunteer blood donors. And here in Sudbury, it seems that Inco people contribute a major portion of our area's requirements, through regular blood donor clinics, and through special facilities set up at our various surface and underground operations, such as a recent clinic held at the Copper Cliff smelter complex.

In addition to Inco volunteers providing blood, the company has again contributed financially to the Sudbury unit's 1977 campaign target of \$50,000 — Inco's 1977 donation was \$15,000 and, according to Myrna Faddis, administrator of blood transfusions and executive

director of the Sudbury and District Red Cross Society, represented one of the larger contributions from our area.

Myrna, whose dad, John Eldridge, and father-in-law, Bob, were both long-time Inco employees, had herself worked briefly with the company, and has a brother, Jack, currently in the precious metals building of the Copper Cliff copper refinery.

And just a timely little P.S. . . . the Red Cross is very involved in water safety programs and offers special instruction in all aspects of boat and water safety . . . something to think about, this time of year, as you plan to open up the summer cottage and begin to arrange your camping trips.



*Jeannie Gagnon, left, and Jacques Bernier, laborers at the Smelter complex, receive a lighthearted warning to "stay put" from Nellie Shames, RN and volunteer Red Cross nurse.*



*Fred Nicholson, left, safety foreman with Copper Cliff smelter's matte processing, chats with Red Cross volunteer Pearl Collison.*



*Josephene Head, Red Cross volunteer, registers donors awaiting their turn at a recent blood donor clinic held at the smelter complex; from left, are Guy Quevillon, Roger J. D'aoust, Gil Roy, Lou Milks and Denis Peroni.*

The mining industry has come a long way from the pick-and-shovel days, and the processes involved in refining ore now include sophisticated computers, electronic "eyes", and closed-circuit television cameras.

Installing the equipment is one thing, but co-ordinating the electronic monitoring devices for peak efficiency is something else altogether. It's a task that calls for the talents of the instrumentman.

According to Wayne Kitching, instrument foreman at the Froid-Stobie complex, the job requires imagination and the technical know-how needed to apply ideas to the processes involved. "The fellows in the instrument shop are as creative as you allow them to be," says Wayne. "We learn to make modifications to fit our processes. It's my personal belief that, technically, there is always a better way to do things; the ability to see where new innovations and established methods can be applied is essential to an instrumentman if he intends to be good at his job."

"Basically, our objective is to keep equipment running and in good repair so that we have a minimum number of shutdowns," Wayne added. "With a little thought and a concentrated group effort, we can usually avoid these situations."

The instrumentmen work with electronic and pneumatic equipment and, since very few pieces of equipment are devoid of instrumentation, the men are dealing with equipment all through a process. High



Faced with a "failure to communicate" between the computer and the analyser at the Froid-Stobie mill, instrumentman Rolly Boesch, right, helped to construct an analyser-computer interface panel to allow the units to "talk" to each other. Instrument foreman Wayne Kitching, left, studies the design of the unit while it is tested prior to installation.

# Instrumentmen

impedance probes, found on sump pumps, bins, crushers, conveyors, and countless other pieces of machinery, were the result of Wayne's suggestions. The probes sound an alarm or shut down machinery when activated by buildups that might cause mechanical damage or

an overflow.

"Putting your own ideas into a job builds a lot of character," Wayne says. "If you build something that's useful and makes you feel proud of the work you do, then your job feels that much more worthwhile."



Design and layout of integrated circuits by instrumentation personnel is rapidly becoming commonplace at the Froid-Stobie instrument shop. Gerry Mailey, left, holds an integrated circuit available on the commercial market at four times the cost of the one held by Rick Colton, right. The two instrumentmen assembled the unit for use in newly-developed underground weigh scales.



Instrumentmen Glen Smith, left, and Ron Vaillancourt inspect the impedance modules used to monitor the levels of water, chemicals and ore used in the various processes at the Froid-Stobie mill.



*Obviously enjoying herself is six-year-old Karla Neva — her dad, Martin, is supervisor of budget and cost control in Copper Cliff.*

# Walden Sport and Home Show

"Something for everyone" is the only way to describe Walden's third annual Sport and Home Show, held last month at the Walden Community Centre.

The three-day affair attracted over 2,100 enthusiasts, and featured the newest camping, sporting, and recreational equipment, as well as the latest trends in home furnishings.

Of particular interest were the Ontario Science Centre's travelling "Science Circus" from Toronto, and a new type of portable skating surface, appropriately known as "skate on plastic". In addition, there were pony

rides for the young and young-at-heart, a fashion show for the adults, and an agricultural display put on by Inco; there were antique cars to admire, Sesame Street characters to chat with, C.B. equipment to test, and door prizes to be won.

And Walden's attractive new arena was the perfect setting for it all. According to arena manager Dennis Wing, the "purpose of the show is to provide an exhibition that will prove to be interesting and educational for the whole family".

And so it was! Plans are already underway for next year's event.

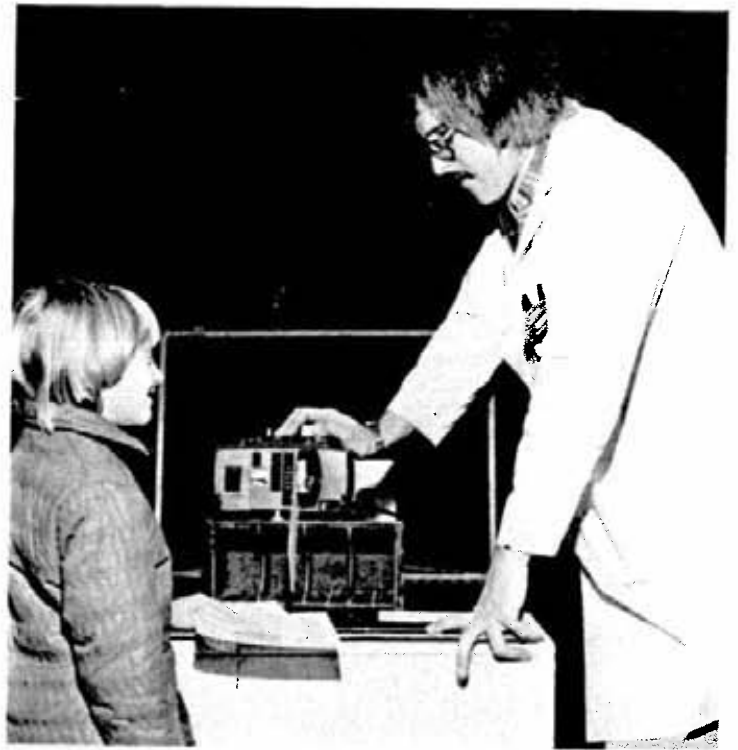
*An audio feedback machine, part of the Ontario Science Centre's display, catches the fancy of brothers Edmond, Danny, and Michael Leblanc.*







*In the saddle is Michael Trembley, whose dad, Richard, works at Copper Cliff South mine. Lending a hand and a bit of encouragement is Inco pensioner Lionel Gilmour, a 35-year man.*

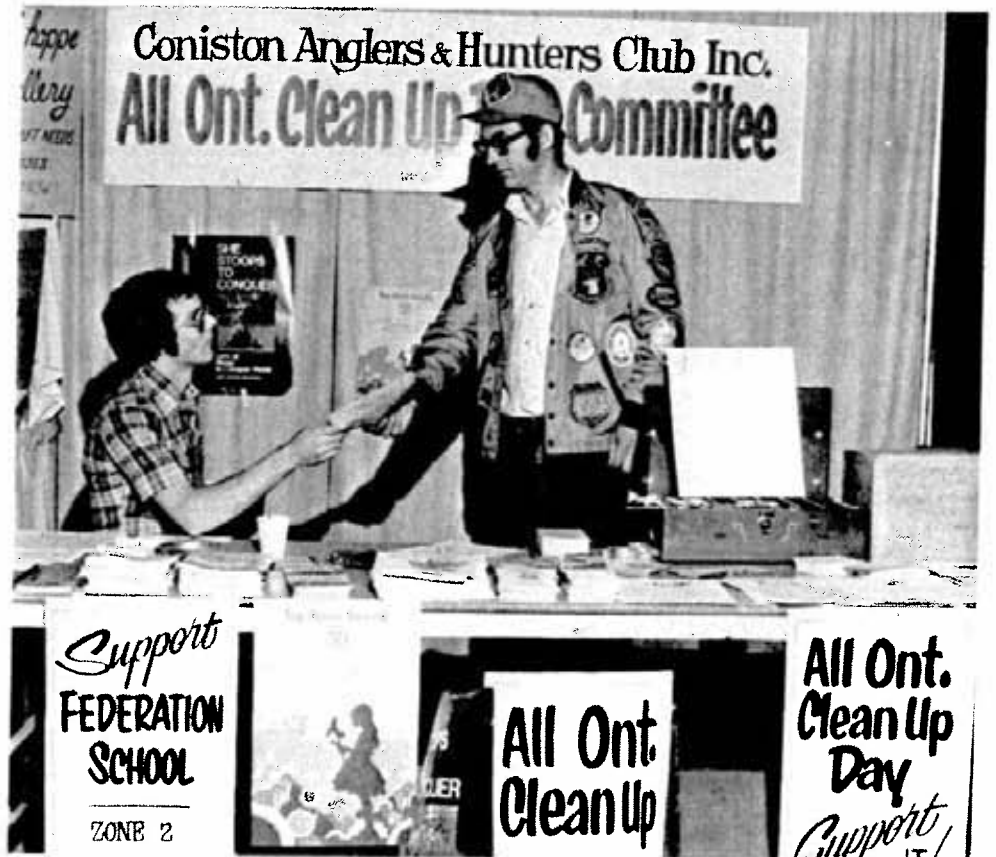


*Curious about a film from Sky Lab, Carol Baker, whose dad, Bill, is with Inco's purchasing department, questions Jamie Bell, co-ordinator of extension program at Toronto's Ontario Science Centre.*

*On plastic ice — security for three-year-old Aaron is dad, Gordon Winch, a security guard at Copper Cliff North mine.*



*An all-Ontario clean-up day is planned for next year by the Coniston Anglers and Hunters Club. Club president Sandy Oost, right, gives additional information to Dave Shannon, left, a driller at Creighton number 9 shaft.*



## Garson sand-flux plant:

# Natural Resources help



A bird's-eye view of the new mobile screening facility at the Garson sand pit. Adjusting the unit are maintenance foreman Gerald Hinds, left, and maintenance mechanics Don Morin and Don Milbury.

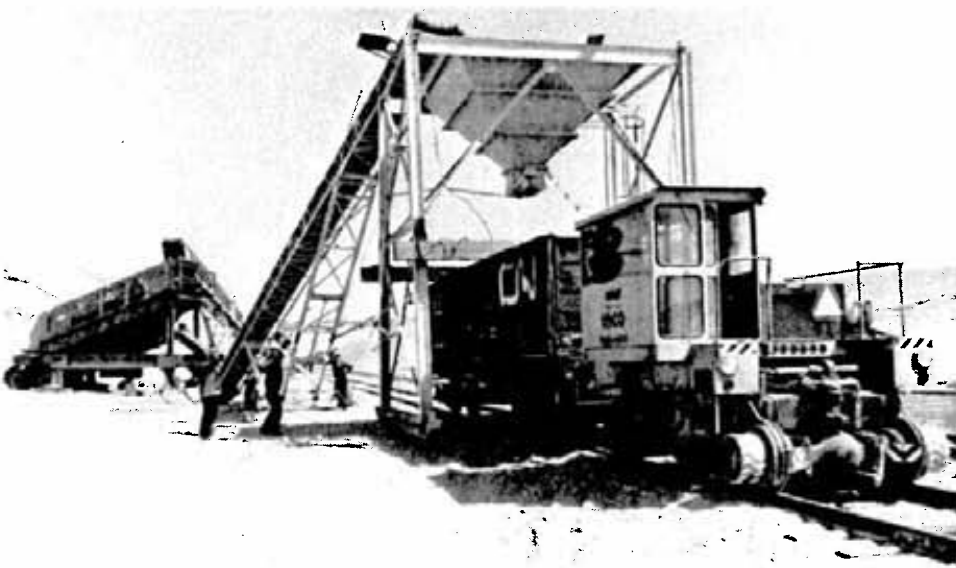
Nature has supplied the Sudbury district with an abundance of mineral wealth. At the same time, the region has also come equipped with many of the raw materials needed to process this wealth. A prime example is the Garson sand-flux plant, which daily delivers 2,000 tons of silica sand to Inco's Copper Cliff operations.

The mobile conditioning and loading plant responds to a demand from the reduction process; the sand is used in the fluid bed roaster in the smelter's reverberatory building, and in the flash furnace fluid bed dryers.

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

Depending on the season, the sand follows different routes from this point on. During winter, the material moves on and up by the 10- by 30-foot natural gas-fired drum of the counter flow rotary dryer, where the six per cent moisture content is reduced to three per cent, and the temperature of the sand is raised from 38 degrees Fahrenheit to around 110 degrees. A portable belt conveyor elevates the sand from the dryer discharge chute to 80-ton railroad cars via an over-track loading hopper. In zero weather, the car temperature drops to 80 degrees between loading at the pit and unloading at the smelter.

During summer months, the dryer stage is eliminated from the process. A recently-installed mobile screening plant, capable of screening up to 600 tons of sand per hour, removes lumps, tree roots, rocks, and other chute-plugging material, thus ensuring a free flow of sand for the smelter storage bins.



Because of the constant removal of sand from the Garson sand pit, all equipment is portable. The mobile plant can be moved closer to the section of the pit being worked by means of versatile pieces of equipment such as the trackmobile, shown at right. The sand-flux plant provides silica sand for reduction processes at Inco's Copper Cliff operations. Some 2,000 tons are shipped daily.

# process Natural Resources



The sand-flux plant crew proudly poses with the new mobile screening plant. At bottom right is maintenance foreman Gerald Hinds. Standing, from left, are maintenance mechanics Don Milbury and Don Hinds; rigger Ron Morin; maintenance helper Ernie Chartrand; and maintenance mechanic Bob McFarlane.



Before starting operations on another section of the pit, Ron Morin, left, Bob McFarlane, Don Milbury, and Gerald Hinds study the texture of the sand to be removed. After screening operations are completed, the sand-flux plant moves an estimated 2,000 tons of silica sand each day.



Movement of 80-ton railway cars presents no problem for the trackmobile, a highly versatile unit capable of operating on rails as well as on the road. Trackmobile operator Roger Beaulieu spots the railway cars according to signals given by flagman Armand Lavigne.

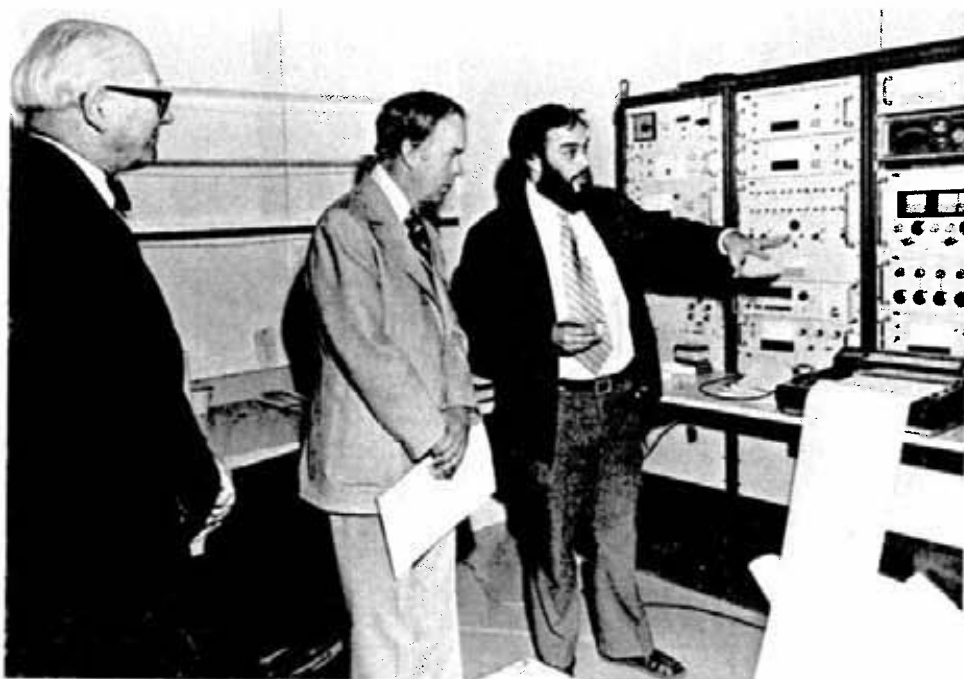


Once the sand has been screened to eliminate larger stones, it is shipped to Copper Cliff; the larger "rejects" are then piled in a corner of the pit. Above, maintenance helper Ernie Chartrand and maintenance mechanic Don Hinds look over some samples.



Among those attending the official opening of the new Jack Satterly Geochronology Laboratory at the Royal Ontario Museum were, from left, G. D. de Wotherspoon, chairman, board of trustees; Dr. J. A. Mandarin, curator, mineralogy and geology; the Honourable Frank Miller, Minister of Natural Resources; Dr. Jack Satterly, and Dr. S. B. Lumbers, curator of geology.

## New Geochronology Lab may



Dr. P. D. Nunes, right, project leader for Ontario Division of mines, geochronological research program, explains the operation of the mass spectrometer to the Honourable Frank S. Miller, Minister of Natural Resources.

At one time or another, we've all heard of Ontario's ancient Precambrian Shield, and we recognize that this "Shield" contains most of our province's mineral wealth. However, in order to predict where more deposits are likely to lie, we need to determine the sequence of events that led to the formation of the ore deposits.

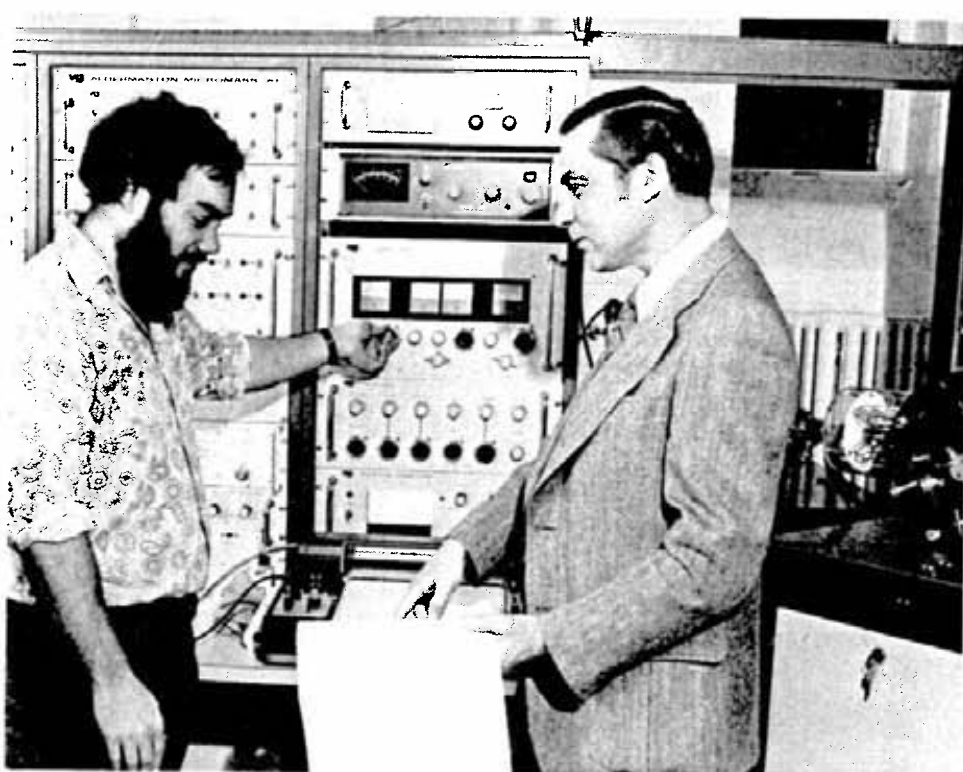
Learning more about Precambrian rocks is vital to the mining industry, because they account for more than half of the rocks in Canada that are accessible for scientific study and mineral exploration. Nearly two-thirds of the exposed rocks in Ontario are Precambrian.

Although relative time can be established by geological mapping and by identifying fossil remains in rocks, a great portion of the earth's crust evolved even before the appearance of abundant





*The rock crusher plays an important role in the new geochronology laboratory at the Royal Ontario Museum.*



*Examining a read-out from the custom-designed mass spectrometer are Dr. P. D. Nunes, left, project leader for Ontario Division of mines, geochronological research program, and Dr. S. B. Lumbers, curator of geology.*

# help find Ontario minerals

life which would leave a fossil record.

Thus we rely almost entirely on a new branch of geology to provide the necessary information . . . geochronology.

A geochronologist can be described as a geologist who has mastered the sophisticated techniques in chemistry and electronic instrumentation required to measure the absolute ages of rocks. In this way, information is gained about the history of geological formations that could not be obtained otherwise.

Geochronology is based on the fact that certain naturally-occurring isotopes of uranium, rubidium, and potassium suffer radioactive decay at specific rates, and can thus be said to be "time clocks". By precisely measuring the amount of a particular radioactive isotope in a rock, such as uranium and its decay product, lead, and by knowing the decay rate through laboratory experiments, it's

possible to learn the age of that rock, even if it's several billion years old.

Because of the importance of geochronology in Precambrian research, the Ministry of Natural Resources awarded a grant of \$300,000 to Toronto's Royal Ontario Museum in 1975, to help create a geochronology laboratory.

The project has now been completed, and was officially opened this spring by the Honourable Frank S. Miller, Minister of Natural Resources. He indicated that "since it is necessary today to rely almost entirely on geochronology to predict where mineral deposits may be found, the laboratory will be providing a vital service to the mineral industry and to the economy of the province".

Among other things, the contamination-free laboratory houses a custom-designed mass spectrometer and ancillary facilities

for rock crushing and mineral separation.

The lab is acclaimed as one of the most advanced of its kind in the world, and will fill the requirements for a "centre of research excellence" in Ontario. Facilities are available to researchers from the mineral industry, such as Inco, and to universities and other research institutions in Canada and abroad. The laboratory was named after Dr. Jack Satterly, a well-known Ontario geologist who, since his retirement in 1971, has been a research associate at the Royal Ontario Museum.

It's anticipated that over a period of years, the lab will provide the data necessary to decipher the complex geological evolution of the Precambrian Shield and its rich mineral deposits, and will help to indicate more precisely where additional mineral resources are likely to occur.

# Pony Racing Comes To Northern Ontario

Most people are familiar with the cute little ponies children ride at summer fairs. But how many are familiar with racing ponies? They are as different as night and day!

An organization in Sudbury involved in racing these ponies is the Central Canadian Chariot and Chuckwagon Racing Association. It is made up of people from varied backgrounds and occupations who share a common interest in the excitement and competition of pony racing.

The ponies, according to the rules, must not measure over 50 inches at the withers, and although they may look rather small, rest assured their appetites, stubbornness, temper and hearts are as big as that of any thoroughbred.

Three events make up the program of the club — Chariot Racing, Chuckwagon Racing and Ben Hur racing. A chariot is pulled by two ponies abreast; a chuckwagon is pulled by four ponies in tandem, and a Ben Hur chariot is pulled by four ponies abreast. For the Ben Hur race, members must wear Roman-style costumes, which are quite colorful and undoubtedly add charisma to the race.

The ponies are specially bred for racing and are a cross between Shetland ponies, which stand about 36 inches at the withers, and regular quarter horses. They are a very hardy breed and aren't

as prone to injury as are regular-size horses. Drivers of the various rigs are not allowed to whip their ponies or even use the reins to make them go faster. The only encouragement allowed is for the drivers to yell at the top of their lungs, which they do.

The local club has held numerous successful race meets during the past three years, visiting Sault Ste. Marie, North Bay, Timmins and the CNE in Toronto as well as to Flamboro Downs in Hamilton.

On June 11 and 12, the Sudbury Club is hosting the Eastern Canadian Chariot and Chuckwagon Championships at Noront Farms in Blezard Valley. Drivers from all parts of Ontario will be attending, with starting times slated for 1:00 p.m. each day. Between the racing events, western games will be held. Regular-size quarter horses will be used for barrel racing, pole bending and Indian pickups. So, if you want an exciting afternoon and have never seen pony racing before, come on out, you'll be pleasantly surprised.

Anyone interested in racing ponies or seeking advice about buying ponies can contact Fern Lavigne in Chelmsford. He's the club president and can be reached at 897-4702 on just about any evening. The club is a non-profit organization and all members don't have to own horses.



One of the most exciting events is the chuckwagon race. Each individual rider and can't weigh more than 5



Rodney Bowie in full flight with his team, pulling over 46 inches wide or 36 inches in depth. The



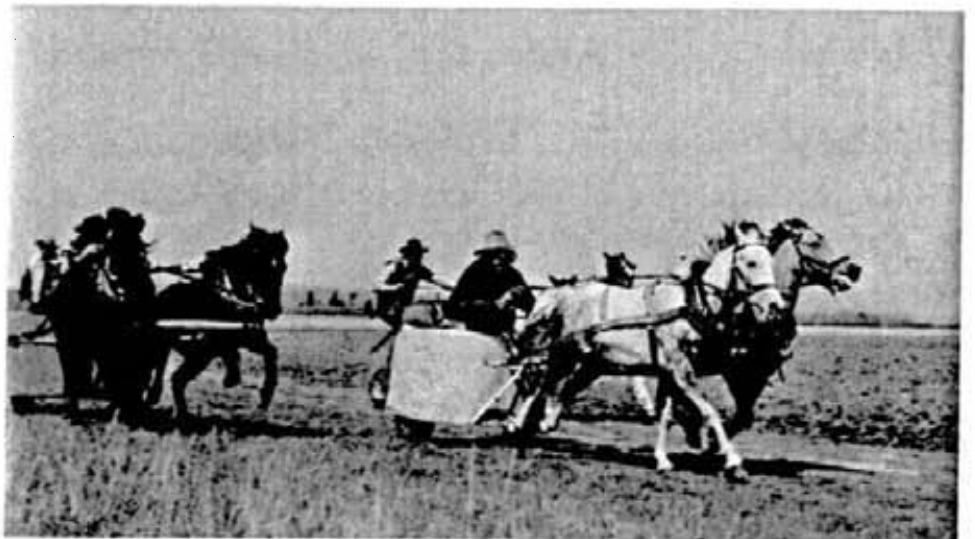
On the home stretch, with chariots. Rheel Bourgeois is in the lead, followed closely by Fern Lavigne and Rodney Bowie. The little ponies are really running their hearts out.



Dr. Doyle Mullaney urges his ponies ever faster. drive ponies through a figure-eight-course, mark



3. The wagons are custom-built by  
waggoners. That's Fern Lavigne in front.



At the finish line in the chariot event: that's Rudy Kendel followed by Dave Fairbairn and Gord Riehl. Ponies must be two years old before they're allowed to enter any race.



Custom-built chariot, which cannot be  
must be completely closed in.



Club president, Fern Lavigne, left, hitches up the harness for his team in the chuckwagon event. Dave Fairbairn assists by keeping the ponies steady during the rigging up.



Chuckwagon event, participants must  
no barrels.



Rodney Bowie and Rheal Bourgeois turn it on around the barrels during the chuckwagon race. It is interesting to note that drivers are not allowed to use whips to urge the ponies on.



# Motorcycle

The Canadian cross country endurance race, through 131 miles of muddy trails, rolling hills and flat-out open spaces of the Niagara Peninsula drew a total of 243 motorcycle riders from different parts of eastern Canada and north-eastern United States this year.

Rough terrain took its toll, with only 50 per cent of the riders finishing the race, many of them disqualified for missing more than two checkpoints along the route. Most of the riders were back in time for the banquet and trophy presentation, but one rider requested help to get his bike out of a deep bog, where it landed after straying from the designated route.

The course was laid out by members of the Welland County Motorcycle Club, under the supervision of Wes Pierce. According to Wesley, the object of the sport is to ride a motorcycle over a predetermined course, following a set of printed instructions and arriving at numerous checkpoints on the course at set times. Two points are lost for every minute the rider arrives early at a checkpoint, and one point is lost if he is late. This discourages high speeds, making it a much safer sport.

The rugged terrain presents the challenge, and it is the skill and sense of the man at the controls that brings home the trophies.



*An unidentified rider in the "Enduro" bulls his way through muddy quagmire. This event is a real test of man and machine, pushing both to the limit of endurance.*



*Sometimes the going gets crowded and it's usually the first one through who has the least trouble. The rest of the pack have to fight it out among themselves.*



*The trick in hill climbing is to keep from falling backwards.*



# Racing

Speed is of the essence in the popular "Flat Track" motorcycle races, held at the Welland County Speedway. This type of racing pits men against each other and the clock, with the first to finish the designated number of laps around the half-mile course declared winner.

"Flat track" or "short track" racing began on a sporadic basis about six years ago, when the Welland County Motorcycle Club built the track on its 25-acre site in the former township of Crowland. Inco's Wes Pierce took command of promotions four years ago, and spectator and rider interest has grown steadily. Wes has also managed to increase the seating capacity of the facilities, drawing bigger crowds and better drivers with the larger purse of prize money. It is not uncommon to have 130 riders in 48 races in an evening's program. Prize money, a percentage of the gate receipts, is hotly contested by the riders. The result is an exciting race.

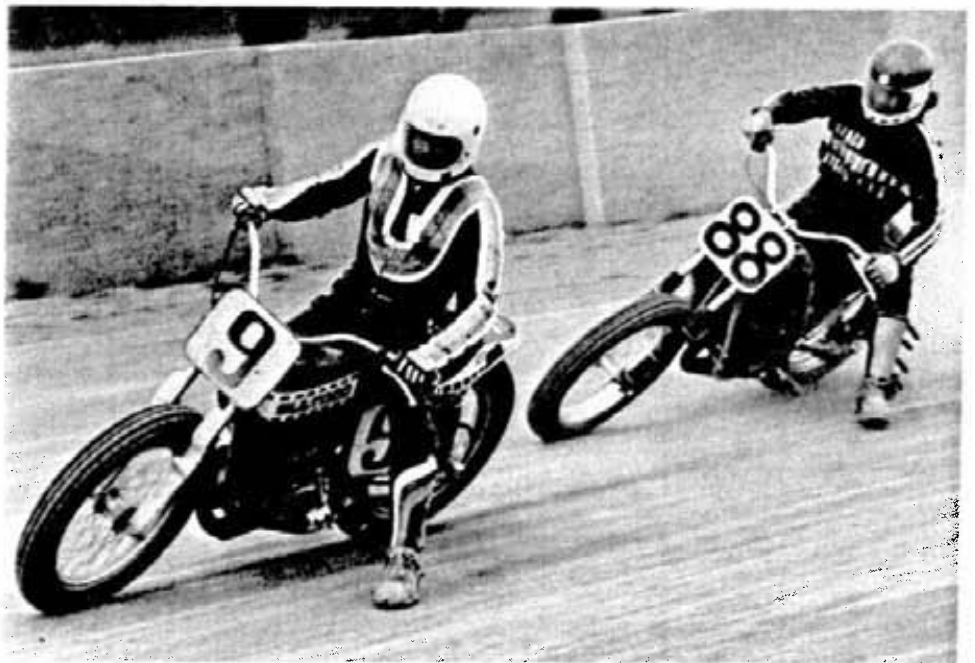
Enthusiasm for the sport seems contagious, and several Incoites are taking part in track activities, from Brian Crawford's track maintenance to Jim Orosz, one of the top riders in "Speedway" class competition, the fastest division at the track. Both work in the Inco research complex at Port Colborne.



*Jim Orosz, an employee at No. 3 Research Station in Port Colborne, hangs tough on the corners. Special sole plates on boots keep the leather from wearing out.*



*Wes Pierce, from the Port Colborne Research Station, makes it all happen.*



*Bob Whitaker, from Welland, and Jim Struke, from Kitchener, battle it out. Skill, determination and a little bit of luck are needed in order to be a successful flat track racer.*



# Tent Caterpillars Again Infest Northern Ontario



Inco horticulturist Ellen Heale examines a nest of Eastern Tent Caterpillars. Their nests or tents can be seen for miles around if the area is badly infested.



Ellen takes a close look at the Forest Tent Caterpillar on the leaves of a Mountain Ash. Spraying with chemicals such as Sevin and Thuricide will help control this pest.

Chemical means will  
control these defoliators,  
but you have to act  
now before they chomp  
their way through your  
trees and shrubs!

Right about now home gardeners are probably eyeing their shrubs and trees to see if they're infested with tent caterpillars. Here is some information that might help you understand them better.

The tent caterpillar is the larval form of an insect that turns into a moth. Two varieties of tent caterpillars are common in Northern Ontario. Those building "tents" are known as the Eastern Tent Caterpillar, while the others are called the Forest Tent Caterpillar.

The Eastern's go into their tent at night and during rainy weather. The other type merely huddle together in large masses on tree limbs. These caterpillars are known as defoliators and are most active just after the leaves have appeared on trees. They then eat their way through about eight and a half leaves each, before turning into moths.

In small areas like gardens and parks they can be controlled by chemical means, and the best time to do that is right now, during the daytime, when the little devils are chomping their way through your prize trees. Two chemicals readily purchased at your neighborhood hardware store are Sevin and Thuricide. Just follow the directions on the package, and you shouldn't have any trouble.

Oh, and one further item, even if you don't wish to get rid of them, they really won't kill your trees unless there are severe outbreaks for three years in a row.



The 24-hour relay is a new sporting event in long distance running that has swept the United States and has recently made its debut in Canada. Last year, Inco's 24-hour relay was the scene of a new world high school record when the Regional Men's Junior team ran a distance of 281 miles, 850 yards. This year teams will be out to break that record at the second annual Inco 24-hour Relay, slated for Saturday, June 11 and Sunday, June 12, at Laurentian University. Participants need not be students. There are 12 categories which cover just about everyone who would be interested in participating, from the Grand Masters, with all runners over 50 years of age, to the Bantam men, where all runners must be 14 years of age or under. Those interested in participating in the world's largest 24 hour relay are urged to contact Terry McKinty at the Northland Athletic Club, 352 Riverside Drive, Sudbury, Ontario, or call (705) 674-7750.



## Music in the Park

Inco employees and pensioners, along with their immediate families, are welcome to attend two special evenings of 'Music in the Park', complete with lunch and a tour of nearby surface plants. Minimum age for the tour is 12 years. The evenings are scheduled for **Wednesday, July 13**, and **Wednesday, July 20**, from 6:30 p.m. to 8:30 p.m. in **Nickel Park, Copper Cliff**. Because of the large numbers involved, lunches and tours will be confined to employees with tickets for the evening. Contact your supervisor for the number of tickets you require.



The Sudbury Chapter of the Multiple Sclerosis Society of Canada is presently involved in a fund-raising campaign for research and the purchase of canes, crutches, wheelchairs and other patient services. The Sudbury Chapter will be selling tickets on a color television during the summer months. Also to be raffled is this ceramic church, cleaned and hand-painted by **Donna Mohns**, second from right, a clerk-stenographer at Copper Cliff North mine, and secretary of the Sudbury and District Chapter. Other executive officers of the society are, from left, **Ted Wilson**, an instrument-man at the Clarabelle mill; MS chairman **Arthur Choquette**, and MS treasurer **Gerry Switch**, security officer at the Copper Cliff North mine. To start off the campaign, Inco Metals Company recently donated \$1,000 to the Multiple Sclerosis Society.

\* \* \*



The growing popularity of the Sudbury Miners' Hockey League this year resulted in an extended season, with top spot going to the team representing Little Stobie and Frood-Stobie mines, who beat the team from Creighton mine three games to nothing in the best of five finals. Team members are, seated from left, **Ray Leroux, Jerry Ykema, Bob Walsh, Mark Reid, Wayne Gagnon, John Leblanc** and **Don Laderoute**. Standing, from left, coach **Harry Thurlow, Yvon Serre, Gary Loiselle, Allan Steele, Mike Giguere, John March, Larry Pharand, Gerry Dechaine, Rick Valade** and manager, **Mike Kinnane**. Also playing on the team was **Tim Armstrong**.



# NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .



The delicate balance of the dart, combined with a sure eye and a steady arm, have paid off for members of this winning team which recently took first place honors in the Nickel Belt Dart tournament. Sponsored by the Chelmsford Branch of the Royal Canadian Legion, the winners competed against 16 teams throughout the district. Proudly displaying their trophy are, from left, **Brian MacEachern**, a laborer with matte processing; captain **Bill MacEachern**, a raise driller; **Bruce MacEachern**, a driller; and **John Babos**, a slope leader, all at Levack mine.



For a number of years the Royal Canadian Legion Public Speaking Competition has given elementary school students a chance to speak their minds. This year, **Katherine Browne**, a grade 7 student at Copper Cliff Public School, swept the zone, district and area finals, picking up first place in all three competitions. She then went on to take second place in the provincial finals, held recently in Toronto. In previous years, her two brothers have competed in the provincial finals when the family was living in Port Colborne. Catherine is the daughter of **Bob Browne**, assistant to the vice-president, administration and engineering services, Ontario Division.



Florida may produce some of the world's best oranges, but there are plenty of other places getting in on the orange market, even if they are on a considerably smaller scale. In Val Caron, for example, **Marguerite** and **Ray Seguin** have been taking good care of their orange bush for the past three years, and this year have 30 small oranges to show for it. Ray works as a dryman at Froid mine.



An excellent turnout was recorded at this year's blood donor clinic, held at the Copper Cliff copper refinery. Here Red Cross assistant **Nancy Moyle**, left, tests the blood of **Bruce Cardinal**, assistant foreman in the electrowinning department. **Debbie Lewis**, background, records the results.

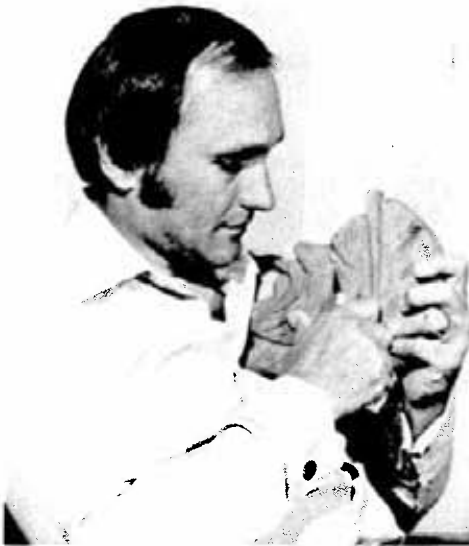


# NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .



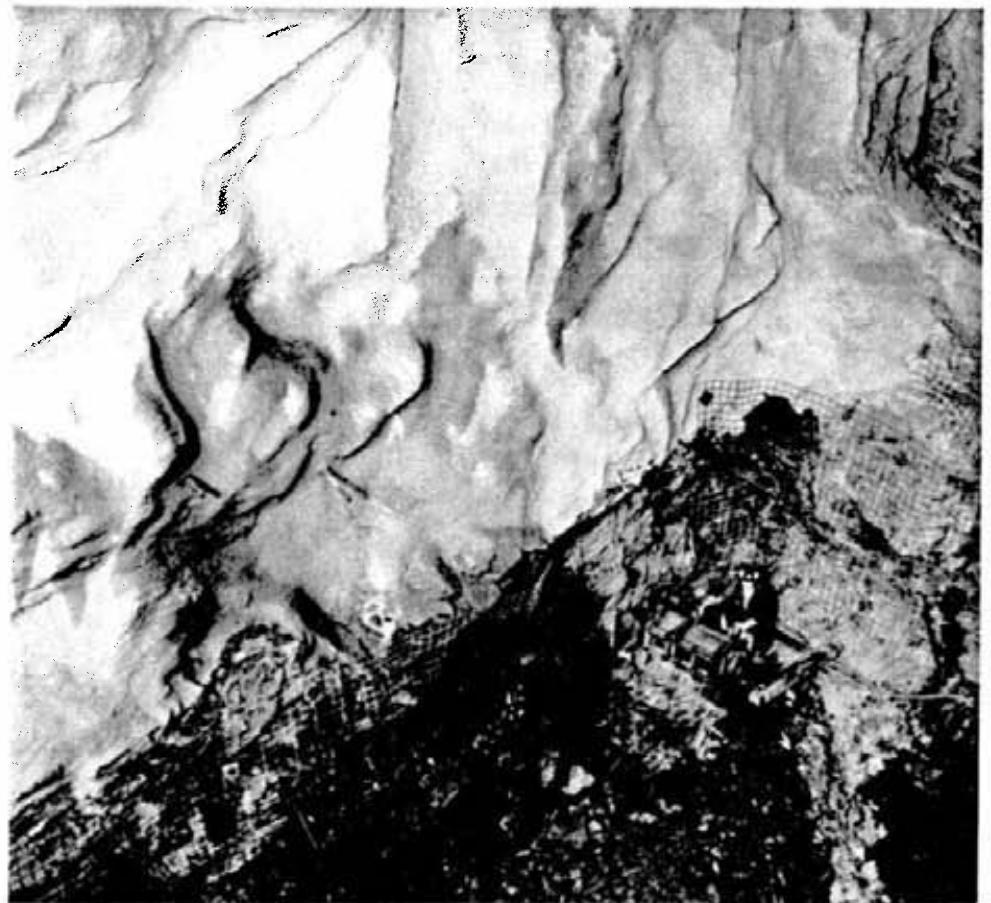
There was plenty of toe tappin' and foot stompin' at the Association of Commercial Travelers' Western Days, held recently at the Sudbury Arena. One of the biggest attractions was the Fiddlers' Contest which brought amateurs and professionals into the limelight. Winner of the over-60 competition was **Alice Urecko**, who won the Inco Cup plus the tidy sum of \$575 in award money.

\* \* \*



Friends and family of **Bob Jach**, Ontario Division drilling specialist, have been the benefactors of his hobby of woodcarving. Bob started the hobby to pass the time a couple of years ago, and enjoys carving replicas of old timers in white pine, with the carving set given to him by his relatives. A small workshop in the basement of his home keeps Bob occupied in his quiet moments.

There is nothing so easy but that it becomes difficult when you do it with reluctance.



That's **Gerard Savole** at the controls of a slusher in this shrinkage stope on the 3935-foot level of the Copper Cliff North mine. The stope is presently being excavated to make room for a crusher station on the 4000-foot level. Note the walls which have been secured with wall bolts, screen, grouted rebars and shotcrete. The new crusher station is expected to be installed by the latter part of 1978.

\* \* \*



The opening of the Welland Canal was not without incident, as several mishaps occurred in the Port Colborne section during the first few weeks of navigation. The coast guard cutter "Griffon" was kept busy removing drifting logs, retrieving loose buoy anchors, and doing many other little chores as well as keeping the shipping lanes open. The lock-guard protecting the north gate of lock No. 8 was hit and damaged by a vessel, causing traffic in the canal to slowdown until repairs could be carried out. Shown above is the "Gleneagles," with its unloading boom collapsed and parts of it in the canal.

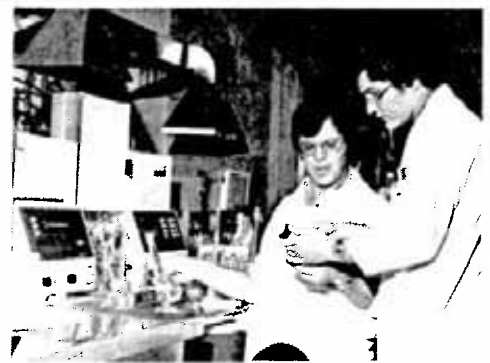


To familiarize employees with the effective methods of fighting fire, a series of "pan demonstrations" are being held throughout many Ontario Division plants. The small, contained fires present no hazard, yet prove effective in educating employees on the use of fire-suppression equipment. Above, **Parnell Amyotte**, roaster operator in the FBR building, uses a 20-lb. all-purpose extinguisher, equipped with a high-velocity nozzle to smother the flames.

\* \* \*



Working safely for a six month period without a medical aid injury is a positive step toward total accident control, and this group of men working on the 2000 and 2500 levels of Crean Hill mine have passed that point and are working to maintain their excellent safety record. "The men and foreman **Palma Bertrand** are to be congratulated for the fine teamwork they have shown," said safety foreman **Frank Paradis**.



Oil analysis on a regular scheduled basis is one of the most modern preventative maintenance techniques. Crankcase oil from underground and surface mobile equipment may contain abnormal concentrations of metals. High concentrations of silicon, for instance, could indicate faulty air intakes; copper and lead may be diagnosed as due to excessive bearing wear. Iron, aluminum and chromium levels are also monitored. Above, **Bob Stover**, left, process chemist, and summer student **John Kranjc**, examine an engine oil sample as it is received in the process technology laboratory in Copper Cliff prior to analysis with an atomic absorption instrument.

\* \* \*



**Mel Thall**, yard boss at Crean Hill mine, has worked for Inco for 27 years. That in itself is not unusual, but what is noteworthy is that all 27 of those years have been accident free. What's even more remarkable, for 20 of those years Mel has operated a longhole machine. "I worked at Murray, Creighton and now at Crean Hill," said Mel with a smile. "And I guess the reason I never had an accident was because I never took chances!"

# NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .



A cheque for \$10,000 was presented to the Sudbury and District Association for the Mentally Retarded for its 1977 fund-raising program. Copper Cliff North mine superintendent **Grant Bertrim**, right, presented the cheque on behalf of the Ontario Division of Inco Metals Company, to **Frank Reynolds**, past president of the Sudbury and District Association. Mr. Bertrim has long been associated with the efforts of the association and is presently serving as membership chairman of the Valley Association for the Mentally Retarded.



**William S. Row**, of Toronto, chairman of Noranda Mines Limited, left, was the recipient of the Inco platinum medal for 1977. It was presented to Mr. Row by **Dr. M. W. Bartley**, right, president of the Canadian Institute of Mining and Metallurgy, at the recent annual general meeting, held in Ottawa. The medal, donated by Inco and presented annually, is the mark of distinction and recognition for outstanding contribution to the mining and metallurgical industry in Canada. The CIM's citation accompanying the award reads: "In recognition of the 'Hard Rock Miner' qualities he brought to the job of providing leadership in the formative years of Kerr Addison and Mattagami Lake Mines as well as in the whole Noranda organization."



Work was carried out recently to remove the 35-foot brick section from the top of the concrete stack at the Port Colborne nickel refinery. Regular inspection of the stack determined that it was slowly deteriorating and that a possible hazard might exist. Men from Custodia Ltd., of Montreal, performed the work including the repositioning of the lightning arresters and the installation of a new stainless steel cap. The stack, originally built in 1936, reached a height of 512 feet. In 1948, some 15 feet of brick were removed from the top, leaving 497 feet. Out-living the purpose for which it was originally built, the stack is now used mainly to vent the plant's incinerator.



With over 18,000 hours of productive service to its credit, this front-end loader recently underwent a major overhaul, at which time it was also outfitted with a new rollover protective structure. Examining the unit are garage mechanic **Wayne Jennings**, left, and garage mechanic leader **Dennis Kebble**. The loader is in operation at the Clarabelle open pit.





The Edgar J. Stone Trophy, a coveted prize in first-aid competitions, was recently captured by five students of Lockerby Composite School in Sudbury when they competed in the All-Ontario Intermediate Division competition in Toronto. Coached by **Dave Derochie**, a first-aid instructor with Inco's safety and plant protection section, the team handled their "accident victims" in professional style. Team members are, from left, **Jamie Lee, Corrine Roberts, Dan Cook, Jan Baas** and **Stephen Cook**. Coach Derochie stands at rear.



When **Wolfgang Puersten** and his wife **Wilhelmena** decided to take up horseback riding as a hobby, they had no idea that their enthusiasm would become a family affair. Just after the couple started their riding lessons, they decided to buy their own horse, which they named Sundance. That was when their sons decided that riding lessons might be fun. Shown mounted from left are **Andrew, 13, Stephen, 17, Michael, 16, and Robert, 11**. Wolfgang is superintendent of design with Inco's general engineering department in Copper Cliff.



Inco's process technology laboratory in Copper Cliff is extensively involved in an occupational monitoring program involving analysis of air samples from area mines and surface plants. Free silica in airborne dust is collected with a personal monitor filter which is analyzed using the X-ray diffraction spectrometer, shown above, which gives a numerical printout of the X-ray intensities. **Shirley Lowe**, summer student, and section leader **Stan Maggs** insert one of the filters into the machine which is proving highly beneficial.

## Appointments

- Diane Arsenault**, accounts payable clerk, Copper Cliff.
- Judy Campbell**, travel agent, Copper Cliff.
- Kim Chertow**, process assistant, Copper Cliff smelter.
- Michael Chorkawy**, maintenance foreman, Copper Cliff smelter.
- Pat Cunningham**, secretary, Garson mine.
- Patrick Dinan**, mine foreman, Copper Cliff South mine.
- Grant Fleury**, draftsman, engineering, Copper Cliff.
- Rolly Grenier**, senior cost analyst, Copper Cliff.
- Betty Hammarlund**, senior accounts payable clerk, Copper Cliff.
- Allan Hunter**, mine general foreman, Creighton mine.
- William Middleton**, process foreman, Copper Cliff smelter.
- Hans Schmidt**, project planner, engineering, Copper Cliff.
- Coreen Schofield**, clerk stenographer, transportation and traffic, Copper Cliff.
- Richard Sitko**, industrial relations assistant, employee relations, Levack mine.
- Janie Therrien**, secretary, Levack mine.
- Frank Visockas**, mine foreman, Garson mine.
- Kathie Wallcraft**, secretary, Creighton mine.
- Harvey Walsh**, design engineer, engineering, Copper Cliff.



# NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .



The growing trend is toward physical fitness, and many Inco employees manage to find time during their workday to run a mile, lift a few weights or even take a couple of laps in the pool. Lunchtime is suitable for a few sets of tennis, and **Tom Newburn**, left, assistant comptroller, **Bill Thorpe**, manager of purchasing and warehousing, and **Peter Souther**, manager of industrial engineering, like to get in a few sets when they're not looking for a fourth player.



For the past two summers, sailors from all over North America have gathered on Sudbury's Lake Ramsey for two days of the keenest sailing competition this side of the Olympics. **The Inco Regatta**, sponsored by Inco Metals Company and hosted by the Sudbury Yacht Club, is a part of the ongoing program to meet the best sailors in competition. This year, races will take place June 18 and 19 in a five-race series, again located on Lake Ramsey. The third annual Inco Regatta promises to be a fine sailing weekend, packed with the spirit of competition that drew participants from across the province in past years.



The Ontario Division of Inco Metals Company recently announced plans to move forward with modular training, which breaks down a job into its various tasks and identifies what the employee is required to do. Three co-ordinators serve as a link between the writers and the management and Training Systems production crew who are compiling the module. Inspecting a production flow chart of the manual material are, above, from left, **Bob Moss**, co-ordinator for mines operations; **Al Este**, co-ordinator for surface plants; **Pedro Betancourt**, Management and Training Systems deputy project manager, and **Ello Flora**, maintenance co-ordinator. Writers of the detailed manuals often visit mining operations to review the equipment they are writing about. Below, writer **Wilf Little**, centre, former Creighton mine training supervisor, inspects a joining link on a D7 tractor track at the Clarabelle open pit garage with mechanics **Roger Pagnutti**, left, and **Stanley Larouche**.



# NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . .



These rugged young lads didn't step out of "Easy Rider." They're **Bob Davidson**, left, and **Peter Kecskes**, about to head home from a day's work at the Copper Cliff smelter complex. Motorcycles like their respective 500 cc and 350 cc's are a popular and economical way of getting to work at many Ontario Division plants.



**Gordon Merliam**, director, production planning, of Inco Metals Company, Toronto, has been elected president of the Mining Industry Research Organization of Canada (MIROC) for 1977. He succeeds John Hall, vice president of Noranda Mines Limited. MIROC was established in 1976 to carry out studies to develop improved mining technology. Eight major Canadian mining companies are participating in the organization.

\* \* \*



Congratulations are in order to **John Leonard's** crew at the Copper Cliff South mine. John and his men in the services and operating department have completed the first quarter with no reported injuries and compiled an impressive 17,345 hours of accident-free time.



The best thing about summertime, according to backyard gourmets, is the family barbecue. **Ford Burton**, his wife **Cindy** and daughter **Laura** partake in this favorite North American suppertime activity as often as time permits. A scooptram operator at Copper Cliff North mine, Ford enjoys taking the family to the quiet picnic area at Laurentian Lake in Sudbury.

# NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .



Research, education and service to cancer patients received an added boost recently with a donation of \$5,000 from Inco Metals Company to the Sudbury Branch of The Canadian Cancer Society. Manager of Inco's safety and plant protection section, **Norm Hillier** presented the cheque to **Richard White**, chairman of the business and professional campaign for the Canadian Cancer Society.



These two pretty clerk-stenos at the Crean Hill mine are **Pauline Tario**, left, and **Vivian Bortnak**. They keep the offices running smoothly and sure do brighten up the place.

## Are You Putting Me On?



*"I don't wear safety glasses because . . ."  
Whatever your excuse, you are only kidding yourself. After all, it's your eyesight that's at stake.*

*Your excuse won't provide much comfort if you lose your eyes in an accident.*

**And That's No Put On!**



Members of the internal audit department of the Toronto-Dominion Bank in Toronto recently toured Inco facilities, visiting the Copper Cliff South mine and the Copper Cliff copper refinery. At South mine they toured underground production stopes and posed for this photograph on surface in front of a 35-ton Haulpak truck. South mine safety supervisor **Vern Welss**, left, acted as their guide.



With a scheduled completion date set for August, work on the new Copper Cliff Community Centre is well under way. Built on the site of the old Stanley Stadium, the new facility will boast one of the largest ice surfaces in Sudbury, measuring 85 by 200 feet. In addition, the building will include six dressing rooms, two offices, two squash courts and two change rooms, complete with saunas. Provision has also been made for a fitness centre, although budgetary restraints by the city will not permit the addition of much gym equipment at this time. The arena will seat 700 people and will have two concession stands and a separate community hall, with a seating capacity of 200 people.



# NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . .



Inco's field exploration department in Copper Cliff recently tested their newly modified "Super Winkie" diamond drill on site at the Clarabelle open pit. After successfully completing a 200-foot hole, drilled at a 45° angle, it was found that modifications had doubled the original capacity of the drill. Here **Keith Allen**, left, drill supervisor, and **Lawrence Kearney**, drill runner, are getting ready to pull another "A" steel rod from the hole.



This JS-220 scooptram was recently tested on the Clarabelle open pit test ramp. The machine has a 2.2 cubic yard bucket and is powered by a 100 h.p. diesel engine. With senior maintenance specialist Gerold Heinze at the controls, the scoop was tested for braking ability, gradeability, retardation, and engine emission results and overall mechanical acceptance. Here, **Len Kitchener**, left, mines equipment engineer, and **Ken Byberg**, mines equipment co-ordinator, measure the braking distance. The unit is planned for use at Garson mine in a 3400 level cut-and-fill stope.



An author's day reception, sponsored by the Sudbury and District Chamber of Commerce, was held recently following the release of 'Pictorial History of Sudbury', a new book about the early days of our region. Part of the proceeds from sales of the book will be donated to the Canadian Cancer Society. At the reception, from left, Reverend **Yrjo Ralvio** and Reverend **Edwin Erion**, both of Copper Cliff, discuss one of the sections of the new book with **Hugh Judges**, Ontario Division planner for Inco Metals Company, and "IN Touch" editor **Bert Meredith**.



The gradual conversion to metric measures by North America is also taking place in industry, and Inco Metals Company is supplying its customers with their orders in kilograms if they so request it. Shaping the change around Inco operations in the Ontario Division is **Paul Revey**, right, superintendent of maintenance and general projects, industrial engineering, who recently met with **Carl Rockburne**, left, sector planning manager with the metric commission, Ottawa, and **Mike Park**, metric co-ordinator with Falconbridge Nickel Mines Limited. During the meeting, the three gentlemen paused from their brainstorming to compare the size of nickel balls to metric measurements.



# NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .



Sudbury's Carmichael Arena was packed to the rafters recently when it played host to the Provincial Ringette Playdowns. The three-day event brought five regions into competition, and the 20 teams kept spectators leaping to their feet during the final games. Managing one of the Sudbury teams was **John Leonard**, a surface foreman at the Copper Cliff South mine. John's enthusiastic coaching from the bench must have helped, the girls won the provincial competition.



Replacement and repair of equipment at Copper Cliff South mine keeps operations running smoothly and safely. Since transportation of men and materials from surface to underground workings plays a major role in the mine, cages are checked on a regular basis. Here, **Clinton Jones**, left, a first-class rigger, and **Tony Papa**, welder specialist, conduct repairs on a double-deck four-guide cage before returning it to service. The cage has the capacity to carry 48 men on each deck.

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## NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . .



It's unusual to catch the entire crew from Levack West mine in the same place at the same time. Usually they are scattered across the mine property and at various levels underground. Through substantial effort, The Triangle brought everyone together for these group pictures to commemorate the group's high production standards. The Levack West mine crews produce an average of 3,800 tons each day. Keep up the good work and the fine safety record that accompanies it.



# NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .



Canadian Authors' Day drew 14 of Canada's better known authors and illustrators to Port Colborne recently where they spent part of their day speaking to school children about their experiences. Above, popular children's author **Claude La Breque**, equipped with racoon-skin hat, discussed one of his books with Port Colborne nickel refinery manager, **Warner Woodley**. Mr. Woodley later presented the Port Colborne Chamber of Commerce education committee with a cheque for \$1,000 on behalf of Inco Metals Company. Below, **Alan Daniels** shows one of his many drawings at the evening gathering in the Port Colborne Library auditorium. Standing at right is another illustrator, **Merle Smith**.



You can make more friends in two months by becoming really interested in other people, than you can in two years by trying to get other people interested in you.

Dale Carnegie



From flatcar to tractor-trailer, these replacement nitrogen regenerators bound for the Copper Cliff oxygen plant presented little problem for the 82-ton conventional crane. The vessels were interlocked on their trip up north from Montreal where they were manufactured, but were disjointed before being put into place. Combined weight of the vessels was 55 tons, 32 tons for one, 23 for the other.

\* \* \*



Some 280 friends and business acquaintances were on hand recently to bid a fond farewell to **George Richmond**, a long-time member of Inco's purchasing department, who retired after 25 years of service. Pictured with George, second from right, are, from left, **Darryl Mathy**, a buyer with the purchasing department; **Bill Thorpe**, manager of purchasing and warehousing; and **Jack Holtby**, superintendent of purchasing. The gala event was held at the Italian Club in Copper Cliff.



# NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .



The first phase of a long-range program which will extend the life and maintain the production capacity of Inco Metals Company's one-and-one-half-mile-deep Creighton mine got under way recently with the first blast in the sinking of a new ventilation shaft. The **\$27 million ventilation system**, to be completed in 1980, will provide environmental conditions deep in the mine that will make it possible to continue operations well into the future. Creighton area engineer **George Reed**, foreground, inspects the blasting mats prior to the blasting of the collar.



The Inco Mixed Bowling League has been providing evenings of entertainment for Sudbury and area residents for well over 20 years. Participants from the company and their wives and friends wrapped up the season with an awards evening held at the Knights of Columbus Hall recently. Above are the winners of the Eldred Dickie Trophy. From left, **Guerino Pressacco**, **Marina Pressacco**, **Ingrid Dobson**, **Stan Dobson Sr.**, **Eydie Dobson**, **Stan Dobson Jr.**, **Arlene Bryson** and **Bob Bryson**.



The Sudbury Soccer Association has a busy schedule planned for the coming season, and area fans are looking forward to watching the local teams in action. Many of the organizers are Inco employees. Looking over the schedule for the coming months are, from left, **Jim Thompson**, president of Sudbury United, and engineer at Creighton mine; **Ian Kirk**, coach of the Cambrian Soccer Club, and an estimator with general engineering; **Carmen Santoro**, general manger of the Sudbury Cyclones, and process labourer at the Copper Cliff copper refinery; and **Gino Cacciotti**, president of the Minor and Senior Soccer Associations, and loco fitter at the Clarabelle open pit. Below, CKSO's **Cummy Burton** discusses the upcoming season with **George MacDonald**, secretary of the Sudbury Cyclones Soccer Club. George was recently presented with a special achievement award from Ontario premier Bill Davis, "for his dedication to amateur sport in the Sudbury district."



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# NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .



This year's Kiwanis Club Music Festival, held over a two-week period at four different locations in Sudbury, saw a total of 7,200 entries. During the final concert, top individuals and groups performed before a capacity crowd and were presented with scholarships. The Inco Metals Company award of \$500 was presented by **Sid Forster**, community relations supervisor, left, to **Susan Hamblin**, a student at Marymount College. Susan is a native of Parry Sound and intends to enter the University of Windsor later this year.

\* \* \*



**David Szanto**, left, and **Mike Wojtowicz** centre, listen to Inco's audio visuals co-ordinator **Aurel Courville** explain the operation of a high-speed cassette duplicating system. David and Mike are first-year audio visual technician students at Cambrian College and were on a two-week work assignment at Inco.

## Call For Assistance

The employee benefits department is here to answer your inquiries regarding the many company-sponsored benefit programs. From time to time, employees experience situations which are difficult to explain. Assistance will be provided by calling 682-4438.



The basic study of mining is common in regional elementary schools, and Jessie Hamilton Public School in Walden decided that kindergarten was not too early to start learning about how many area residents earn their living. Above, a makeshift mine gives young **Dean Suosalo**, **David Rautiainen** and **Gordon Mahon** a chance to re-enact what they had seen on their guided tour through Inco facilities. Below, kindergarten teacher **Pam Lee**, left, and **Margaret Winckel**, junior school consultant with the Sudbury Board of Education, use hot wax to demonstrate the pouring of the slag to an absorbed audience. Note the homemade 'superstack' to the left of the picture.



## Roger Kitching, Copper Cliff Mill, Collects \$1,190 From Company's Suggestion Plan



Roger Kitching



Don Hinds



Ron Morin



Gerald St. Laurent



Ivon Chaumont

**Ideas pay off! Join the thousands of Inco employees who have contributed to the suggestion plan!**

Smart thinking by a number of Inco employees resulted in money in the bank, courtesy of the company suggestion plan again this month. Top suggestion plan award went to **Roger Kitching**, of the Copper Cliff mill, who took home \$1,190 for a recommendation to replace pneumatic equipment on the filter level control with a solid state control. A team from the Garson Sand Flux Plant, **Don Hinds** and **Ron Morin** picked up \$570 with a suggestion to replace the feed belt with a chute at the plant. At the Copper Cliff copper refinery, **Harold Boluk** recommended replacing collector shoes with trolley wheels on tank house cranes. He was awarded \$250 for his suggestion. **Gerald St. Amant**, of matte processing, suggested locking the main switch controlling the overhead door at bulk loading

and issuing a key to designated individuals. He was awarded \$240. **Ivon Chaumont** and the late **Armand Chamberland**, of Frood mine, suggested installing two separate belly plates cross-ways instead of one lengthwise under scooptrams. They were awarded \$235 for their recommendation. A recommendation to purchase exhaust converter pellets in smaller, waterproof packages, resulted in a \$115 award for **Howard Pacaud**, of Garson mine. In the \$75 category, awards were presented to **Onesime Belanger**, of the Copper Cliff smelter; **Alexander Coyle**, of Levack mine; **Leonard Gervais**, of Frood mine; **Gordon Hurley**, of Levack mine; **Walter Krauer**, of Levack mine; **Jean Paul Levesque** and **Gerry Sabourin**, of the Copper Cliff smelter; and **Tom Moyle**, of the Copper Cliff copper refinery. **Henry Eden**, of Levack mill, scored twice this month and pocketed \$70 for one recommendation and \$60 for another. **John Lunn**, of Levack mill, picked up the other \$60 suggestion award. Awards of \$50 were presented to **Joseph Burns**, of the Copper Cliff copper refinery; **Bernard Gretler**, of Shebandowan mine; **Normand Mailhot**, of Stobie mine; **Joe Ouellette** and **James Maloney**, of the Copper Cliff copper refinery; **Roland Richer** and **John Rakai**, of Levack mill; **Ronald Schilkie** and **Gerry Surtees**, of the Copper Cliff smelter; and **Wendell Tait**, of the Clarabelle open pit.



The day following a well-rounded two-hour variety show for the Quarter Century Club, headline performer **Jane Powell** donned miners' garb and went underground at Copper Cliff South mine. Upon completion of the tour, Jane autographed a number of copies of The Triangle's May edition for mine employees, including **Tom Moland**, centre, Copper Cliff South mine plant protection officer. Comedian **Wes Harrison**, left, joined in on the action and signed a few copies himself. Below, Jane questions operating shaft bosses **Tony Harack**, left, and **Barry Johnston**, about her souvenir ore sample.



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# Logo Writer —

# Guy Filiatrault



To attribute one man with all the qualities that go into the making of a championship team might seem a bit unusual, but, according to Levack mine's maintenance first-aid team, their captain, Guy Filiatrault, is the single biggest reason for their recent victory. His determination, thoroughness, and overall knowledge of first-aid helped his team capture the Senior Men's Open Provincial and the Earle C. Morgan trophies, emblematic of first-aid supremacy across Ontario.

Competition for top honors was keen, and the Levack team was challenged by the best: fire departments, police departments, railroad companies, and Armed Forces.

"I took on the captaincy because I had the most experience," said Guy, "but after we won the Mutz Trophy, any of the other fellows could have handled the captain's job; we all worked together.

"The guys on the team were really something to see," he added. "Each one is a specialist and yet is versatile enough to handle any job. Phil Goudreau is always on his toes — during the Mutz competition, we needed a piece of rubber . . . Phil spotted a balloon on the set and grabbed it — it helped us win. And Bob Rheame is the best bandage man you could have . . . Germain St. Amour is so observant, we never missed a sign . . . and it doesn't matter who Tim Foucault is working with, he follows you exactly and seems to know what you're thinking."

And the team feeling about the captain is unanimous: "Without him, we wouldn't have gotten far."

Guy started with Inco seven years ago, and has been involved in first-aid competitions for the past three. Now that his team has gone to the top, he'll have to sit out competitions for the next five years because, according to regulations for R. D. Parker Trophy competitions, the "younger guys" must be given a chance.

But that doesn't stop him from coaching other teams, and, side-by-side with his team's coach, Roger Brideau, the Levack first-aid team should be something to watch out for again next year.



